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

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

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

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

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

**DANGER** Danger due to not observing the warning notices.

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

► Please observe the warning notices in this manual.

**ENVIRONMENTAL NOTE** Environmental damage due to failure to observe environmental notes.

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

► Observe environmental notes.

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

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

► Observe notes on material damage.

Useful instructions or further information that could be helpful to you.

► Instruction (→ page) Further information on a topic.

Display Information in the multifunction display/multimedia display.

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

Corresponding submenus, which are to be selected in the multimedia system.

* Indicates a cause

Internet

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

http://www.mbusa.com (USA only)

http://www.mercedes-benz.ca (Canada only)

Editorial office

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Vehicle manufacturer

Daimler AG

Mercedesstrasse 137

70327 Stuttgart

Germany

As at 04.04.17
Welcome to the world of Mercedes-Benz

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

Vehicle damage resulting from the disregard of the instructions is not covered by the Mercedes-Benz Limited Warranty.

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

- Model
- Order
- National version
- Availability

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

- Design
- Equipment
- Technical features

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

The following are integral parts of the vehicle:

- Printed Operator's Manual
- Maintenance Booklet
- Equipment-dependent supplements

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

Mercedes-Benz USA, LLC
Mercedes-Benz Canada, Inc.
A Daimler Company
<table>
<thead>
<tr>
<th>Contents</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>At a glance</strong></td>
<td>6</td>
</tr>
<tr>
<td>Cockpit</td>
<td>6</td>
</tr>
<tr>
<td>Overview of warning and indicator lamps</td>
<td>8</td>
</tr>
<tr>
<td>Overhead control panel</td>
<td>12</td>
</tr>
<tr>
<td>Door control panel and seat adjustment</td>
<td>14</td>
</tr>
<tr>
<td>Emergencies and breakdowns</td>
<td>16</td>
</tr>
<tr>
<td><strong>Digital Operator's Manual</strong></td>
<td>18</td>
</tr>
<tr>
<td>Calling up the Digital Operator's Manual</td>
<td>18</td>
</tr>
<tr>
<td><strong>General notes</strong></td>
<td>19</td>
</tr>
<tr>
<td>Protecting the environment</td>
<td>19</td>
</tr>
<tr>
<td>Mercedes-Benz Genuine Parts</td>
<td>19</td>
</tr>
<tr>
<td>Operator's Manual</td>
<td>20</td>
</tr>
<tr>
<td>Service and vehicle operation</td>
<td>21</td>
</tr>
<tr>
<td>Operating safety</td>
<td>22</td>
</tr>
<tr>
<td>Declaration of conformity for wireless vehicle components</td>
<td>23</td>
</tr>
<tr>
<td>Diagnostics connection</td>
<td>24</td>
</tr>
<tr>
<td>Qualified specialist workshop</td>
<td>25</td>
</tr>
<tr>
<td>Correct use of the vehicle</td>
<td>25</td>
</tr>
<tr>
<td>Problems with your vehicle</td>
<td>25</td>
</tr>
<tr>
<td>Reporting safety defects</td>
<td>25</td>
</tr>
<tr>
<td>Limited Warranty</td>
<td>26</td>
</tr>
<tr>
<td>QR codes for the rescue card</td>
<td>26</td>
</tr>
<tr>
<td>Vehicle data storage</td>
<td>26</td>
</tr>
<tr>
<td>Copyright</td>
<td>29</td>
</tr>
<tr>
<td><strong>Occupant safety</strong></td>
<td>31</td>
</tr>
<tr>
<td>Restraint system</td>
<td>31</td>
</tr>
<tr>
<td>Seat belts</td>
<td>33</td>
</tr>
<tr>
<td>Airbags</td>
<td>38</td>
</tr>
<tr>
<td>PRE-SAFE® system</td>
<td>45</td>
</tr>
<tr>
<td>Children in the vehicle</td>
<td>46</td>
</tr>
<tr>
<td>Notes on pets in the vehicle</td>
<td>56</td>
</tr>
<tr>
<td><strong>Opening and closing</strong></td>
<td>57</td>
</tr>
<tr>
<td>SmartKey</td>
<td>57</td>
</tr>
<tr>
<td>Doors</td>
<td>62</td>
</tr>
<tr>
<td>Trunk</td>
<td>65</td>
</tr>
<tr>
<td>Roller sun blinds</td>
<td>71</td>
</tr>
<tr>
<td>Side windows</td>
<td>72</td>
</tr>
<tr>
<td>Sliding sunroof</td>
<td>76</td>
</tr>
<tr>
<td>Anti-theft protection</td>
<td>81</td>
</tr>
<tr>
<td>Seats</td>
<td>84</td>
</tr>
<tr>
<td>Steering wheel</td>
<td>93</td>
</tr>
<tr>
<td>Using the memory function</td>
<td>96</td>
</tr>
<tr>
<td>Stowage areas</td>
<td>97</td>
</tr>
<tr>
<td>Cup holder</td>
<td>105</td>
</tr>
<tr>
<td>Ashtray and cigarette lighter</td>
<td>106</td>
</tr>
<tr>
<td>Sockets</td>
<td>107</td>
</tr>
<tr>
<td>Wireless charging of the mobile phone and connection with the exterior antenna</td>
<td>110</td>
</tr>
<tr>
<td>Installing or removing the floor mats</td>
<td>112</td>
</tr>
<tr>
<td><strong>Light and visibility</strong></td>
<td>114</td>
</tr>
<tr>
<td>Exterior lighting</td>
<td>114</td>
</tr>
<tr>
<td>Interior lighting</td>
<td>118</td>
</tr>
<tr>
<td>Windshield wiper and windshield washer system</td>
<td>120</td>
</tr>
<tr>
<td>Mirrors</td>
<td>122</td>
</tr>
<tr>
<td>Operating the sun visors</td>
<td>125</td>
</tr>
<tr>
<td>Infrared reflective windshield</td>
<td>125</td>
</tr>
<tr>
<td><strong>Climate control</strong></td>
<td>127</td>
</tr>
<tr>
<td>Overview of climate control systems</td>
<td>127</td>
</tr>
<tr>
<td>Operating the climate control system</td>
<td>128</td>
</tr>
<tr>
<td><strong>Seats and stowing</strong></td>
<td>84</td>
</tr>
<tr>
<td>Notes on the correct driver's seat position</td>
<td>83</td>
</tr>
</tbody>
</table>
Driving and parking ........................................ 134
Driving ........................................................ 134
DYNAMIC SELECT switch ............................ 142
Automatic transmission .................................... 143
Refueling ...................................................... 147
Parking ....................................................... 149
Driving and driving safety systems .............. 157

Instrument Display and on-board computer ........... 203
Instrument Display overview ............................. 203
Overview of the buttons on the steering wheel .......... 204
Operating the on-board computer ...................... 204
Setting the additional value range .................. 206
Overview of displays on the multifunction display ........ 206
Adjusting the instrument lighting .................. 207
Menus and submenus ................................ 207
Head-up Display .......................................... 214

Voice Control System .................................... 216
Notes on operating safety ............................... 216
Operation ................................................ 216
Using the Voice Control System effectively ........ 218
Essential voice commands ............................ 218

Multimedia system ........................................ 229
Overview and operation ................................ 229
System settings ........................................ 237
Navigation ............................................... 249
Telephone ............................................... 273
Online and Internet functions ......................... 289
Media ..................................................... 296
Radio ..................................................... 308
Sound ..................................................... 316

Maintenance and care .................................... 319
ASSYST PLUS service interval display ............ 319
Engine compartment ................................ 320
Cleaning and care ..................................... 326

Breakdown assistance .................................... 334
Emergency ............................................. 334
Flat tire .................................................. 334
Battery (vehicle) ....................................... 340

Tow starting or towing away ......................... 345
Electrical fuses ......................................... 350

Wheels and tires .......................................... 354
Notes on noise or unusual handling characteristics ...... 354
Regular checking of wheels and tires ................ 354
Notes on snow chains ................................ 355
Tire pressure ........................................... 356
Loading the vehicle ..................................... 361
Tire labeling ............................................. 366
Definition of terms for tires and loading ............ 372
Changing a wheel ....................................... 374

Technical data ............................................ 384
Notes on technical data ................................ 384
Vehicle electronics .................................... 384
Vehicle identification plate, VIN and engine number ...... 386
Operating fluids ........................................ 388
Vehicle data ............................................ 394
## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display messages and warning/indicator lamps</td>
<td>396</td>
</tr>
<tr>
<td>Display messages</td>
<td>396</td>
</tr>
<tr>
<td>Warning and indicator lamps</td>
<td>440</td>
</tr>
</tbody>
</table>

<p>| Index                                         | 458  |</p>
<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Steering wheel gearshift paddle</td>
<td>145</td>
</tr>
<tr>
<td>2</td>
<td>Combination switch</td>
<td>115</td>
</tr>
<tr>
<td>3</td>
<td>DIRECT SELECT lever</td>
<td>143</td>
</tr>
<tr>
<td>4</td>
<td>Display (multimedia system)</td>
<td>229</td>
</tr>
<tr>
<td>5</td>
<td>Start/Stop button</td>
<td>135</td>
</tr>
<tr>
<td>6</td>
<td>Control panel for the multimedia system</td>
<td>229</td>
</tr>
<tr>
<td>7</td>
<td>Climate control systems</td>
<td>127</td>
</tr>
<tr>
<td>8</td>
<td>Glove box</td>
<td>99</td>
</tr>
<tr>
<td>9</td>
<td>Hazard warning lights</td>
<td>116</td>
</tr>
<tr>
<td>10</td>
<td>Stowage compartment</td>
<td>98</td>
</tr>
<tr>
<td>11</td>
<td>Control elements for the multimedia system</td>
<td>229</td>
</tr>
<tr>
<td>12</td>
<td>Rear window roller sunblind</td>
<td>72</td>
</tr>
<tr>
<td>13</td>
<td>ECO start/stop function</td>
<td>141</td>
</tr>
<tr>
<td>14</td>
<td>Active Parking Assist</td>
<td>189</td>
</tr>
<tr>
<td>15</td>
<td>Setting the vehicle level</td>
<td>178</td>
</tr>
<tr>
<td>16</td>
<td>DYNAMIC SELECT switch</td>
<td>142</td>
</tr>
<tr>
<td>17</td>
<td>PASSENGER AIRBAG indicator lamps</td>
<td>42,</td>
</tr>
<tr>
<td>18</td>
<td>Control panel for the multimedia system</td>
<td>204</td>
</tr>
<tr>
<td>19</td>
<td>Adjusts the steering wheel</td>
<td>94</td>
</tr>
<tr>
<td>20</td>
<td>Control panel for the on-board computer</td>
<td>204</td>
</tr>
<tr>
<td>21</td>
<td>Cruise control lever</td>
<td>165</td>
</tr>
<tr>
<td>22</td>
<td>Unlocks the hood</td>
<td>320</td>
</tr>
<tr>
<td>23</td>
<td>Electric parking brake</td>
<td>155</td>
</tr>
<tr>
<td>24</td>
<td>Light switch</td>
<td>114</td>
</tr>
<tr>
<td>25</td>
<td>Control panel for:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Active Steering Assist</td>
<td>173</td>
</tr>
<tr>
<td></td>
<td>Active Lane Keeping Assist</td>
<td>201</td>
</tr>
<tr>
<td></td>
<td>Parking Assist PARKTRONIC</td>
<td>181</td>
</tr>
<tr>
<td></td>
<td>Head-up Display</td>
<td>215</td>
</tr>
</tbody>
</table>
At a glance – Overview of warning and indicator lamps

Instrument Display (standard)
<table>
<thead>
<tr>
<th>No.</th>
<th>Label</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Speedometer</td>
<td>203</td>
</tr>
<tr>
<td>2</td>
<td>ESP®</td>
<td>443</td>
</tr>
<tr>
<td>3</td>
<td>Turn signal light</td>
<td>115</td>
</tr>
<tr>
<td>4</td>
<td>Steering assistance malfunction</td>
<td>451</td>
</tr>
<tr>
<td>5</td>
<td>Multifunction display</td>
<td>206</td>
</tr>
<tr>
<td>6</td>
<td>ABS malfunction</td>
<td>443</td>
</tr>
<tr>
<td>7</td>
<td>Check Engine</td>
<td>452</td>
</tr>
<tr>
<td>8</td>
<td>Tachometer</td>
<td>203</td>
</tr>
<tr>
<td>9</td>
<td>This indicator lamp has no function</td>
<td>443</td>
</tr>
<tr>
<td>10</td>
<td>Electric parking brake applied (red)</td>
<td>443</td>
</tr>
<tr>
<td>11</td>
<td>Brakes (red)</td>
<td>443</td>
</tr>
<tr>
<td>12</td>
<td>Distance warning</td>
<td>450</td>
</tr>
<tr>
<td>13</td>
<td>Coolant too hot/cold</td>
<td>452</td>
</tr>
<tr>
<td>14</td>
<td>Coolant temperature display</td>
<td>203</td>
</tr>
<tr>
<td>15</td>
<td>Brakes (yellow)</td>
<td>443</td>
</tr>
<tr>
<td>16</td>
<td>Electric parking brake (yellow)</td>
<td>443</td>
</tr>
<tr>
<td>17</td>
<td>Restraint system</td>
<td>32</td>
</tr>
<tr>
<td>18</td>
<td>Seat belt is not fastened</td>
<td>450</td>
</tr>
<tr>
<td>19</td>
<td>Parking lights</td>
<td>114</td>
</tr>
<tr>
<td>20</td>
<td>Fuel level indicator</td>
<td>452</td>
</tr>
<tr>
<td>21</td>
<td>Fuel reserve with fuel filler flap location</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>High beam</td>
<td>115</td>
</tr>
<tr>
<td>23</td>
<td>Low beam</td>
<td>114</td>
</tr>
<tr>
<td>24</td>
<td>Rear fog light</td>
<td>115</td>
</tr>
<tr>
<td>25</td>
<td>AIR BODY CONTROL malfunctioning</td>
<td>450</td>
</tr>
<tr>
<td>26</td>
<td>Tire pressure monitoring system</td>
<td>456</td>
</tr>
<tr>
<td>27</td>
<td>ESP® OFF</td>
<td>443</td>
</tr>
</tbody>
</table>

**At a glance – Overview of warning and indicator lamps**
At a glance – Overview of warning and indicator lamps

Instrument Display in the Widescreen Cockpit
At a glance – Overview of warning and indicator lamps

1. Speedometer → 203
2. AIR BODY CONTROL malfunctioning → 450
3. Turn signal light → 115
4. Multifunction display → 206
5. Tachometer → 203
6. ESP® OFF → 443
7. High beam → 115
8. Coolant too hot/cold → 452
9. Coolant temperature display → 203
10. Distance warning → 450
11. Steering assistance malfunction → 451
12. Electrical defect → 452
13. Brakes (red) → 443

14. Seat belt is not fastened → 450
15. Fuel level indicator
16. Fuel reserve with fuel filler flap location indicator → 452
17. Rear fog light → 115
18. Restraint system → 32
19. This indicator lamp has no function
20. Check Engine → 452
21. Brakes (yellow) → 443
22. Electric parking brake applied (red) → 443
23. USA only
24. Canada only
25. Tire pressure monitoring system → 456
26. ABS malfunction → 443
27. Electric parking brake (yellow) → 443

USA only
Canada only
At a glance – Overhead control panel
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sun visors</td>
<td>125</td>
</tr>
<tr>
<td>2</td>
<td>Roadside Assistance call button (mbrace®)</td>
<td>288</td>
</tr>
<tr>
<td>3</td>
<td><img src="image" alt="Switch" /> Switches the left-hand reading lamp on/off</td>
<td>118</td>
</tr>
<tr>
<td>4</td>
<td><img src="image" alt="Switch" /> Switches the automatic lighting control on/off</td>
<td>118</td>
</tr>
<tr>
<td>5</td>
<td>SOS button (mbrace®)</td>
<td>287</td>
</tr>
<tr>
<td>6</td>
<td><img src="image" alt="Switch" /> Switches the front interior lighting on/off</td>
<td>118</td>
</tr>
<tr>
<td>7</td>
<td><img src="image" alt="Switch" /> Switches the rear interior lighting on/off</td>
<td>118</td>
</tr>
<tr>
<td>8</td>
<td><img src="image" alt="Switch" /> Switches the right-hand reading lamp on/off</td>
<td>118</td>
</tr>
<tr>
<td>9</td>
<td>MB Info call button (mbrace®)</td>
<td>288</td>
</tr>
<tr>
<td>10</td>
<td>Spectacles compartment</td>
<td>99</td>
</tr>
<tr>
<td>11</td>
<td><img src="image" alt="Switch" /> Opens/closes the panoramic sliding sunroof</td>
<td>76</td>
</tr>
<tr>
<td>12</td>
<td><img src="image" alt="Switch" /> Opens/closes the roller sunblinds</td>
<td>76</td>
</tr>
<tr>
<td>13</td>
<td>Inside rearview mirror</td>
<td>123</td>
</tr>
</tbody>
</table>
At a glance – Door control panel and seat adjustment
1 Adjusts the seats electrically → 87
2 Switches the seat heating on/off → 92
3 Switches the seat ventilation on/off → 93
4 Adjusts the front passenger seat from the driver’s seat → 87

5 Locks/unlocks the vehicle → 62
6 Opens/closes the trunk lid → 65
7 Adjusts and folds the outside mirrors out/in electrically → 122
8 Opens/closes the right side window → 72
9 Opens/closes the rear right side window → 72
10 Child safety lock for the rear side windows → 55
11 Opens/closes the rear left side window → 72

12 Opens/closes the left side window → 72
13 Opens the door → 62
14 Sets the memory function → 96
15 Sets the seat fore-and-aft position → 86
16 Adjusts the seat cushion length → 86
17 Adjusts the 4-way lumbar support → 88
18 Seat adjustment using the multimedia system → 90
19 Adjusts the head restraints → 88
20 Adjusts the seat cushion inclination → 86
21 Adjusts the seat height → 86
22 Sets the seat backrest inclination → 86
At a glance – Emergencies and breakdowns
<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>QR code for accessing the rescue card</td>
<td>26</td>
</tr>
<tr>
<td>2</td>
<td>Safety vests</td>
<td>334</td>
</tr>
<tr>
<td>3</td>
<td>Button for the SOS emergency call system and breakdown assistance</td>
<td>286</td>
</tr>
<tr>
<td>4</td>
<td>Checking and topping up operating fluids</td>
<td>388</td>
</tr>
<tr>
<td>5</td>
<td>Tow-starting and towing away</td>
<td>346</td>
</tr>
<tr>
<td>6</td>
<td>Flat tire</td>
<td>334</td>
</tr>
<tr>
<td>7</td>
<td>Starting assistance</td>
<td>342</td>
</tr>
<tr>
<td>8</td>
<td>Hazard warning lights</td>
<td>116</td>
</tr>
<tr>
<td>9</td>
<td>Fuel filler flap with instruction labels for tire pressure, fuel type and QR code for accessing the rescue card</td>
<td>147</td>
</tr>
<tr>
<td>10</td>
<td>Tow-starting and towing away</td>
<td>346</td>
</tr>
<tr>
<td>11</td>
<td>TIREFIT kit</td>
<td>336</td>
</tr>
</tbody>
</table>
Calling up the Digital Operator's Manual

Multimedia system:

Select a menu item.

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

The Digital Operator's Manual describes the function and operation of:

- the vehicle
- the multimedia system

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

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

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

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

The Operator's Manual can also be found in the Mercedes-Benz Guides app in all common app stores.
Protecting the environment

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

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

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

**Operating conditions:**
- Make sure that the tire pressure is correct.
- Do not carry any unnecessary weight (e.g. roof luggage racks once you no longer need them).
- Adhere to the service intervals. A regularly serviced vehicle will contribute to environmental protection.

**Personal driving style:**
- Always have service work carried out at a qualified specialist workshop.
- Do not depress the accelerator pedal when starting the engine.
- Do not warm up the engine while the vehicle is stationary.
- Drive carefully and maintain a suitable distance from the vehicle in front.
- Avoid frequent, sudden acceleration and braking.
- Change gear in good time and use each gear only up to 2/3 of its maximum engine speed.
- Switch off the engine in stationary traffic, e.g. by using the ECO start/stop function.
- Drive in a fuel-efficient manner.

**Environmental issues and recommendations:**
It is recommended that you re-use or recycle materials instead of just disposing of them.

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

**Mercedes-Benz GenuineParts**

**ENVIRONMENTAL NOTE** Environmental damage caused by not using recycled reconditioned components

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

- Use recycled reconditioned components and parts from Daimler AG.
NOTE

Impairment of the operating efficiency of the restraint systems from installing accessories or from repairs or welding

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

- Doors
- Door pillars
- Door sills
- Seats
- Cockpit
- Instrument cluster
- Center console

- Do not install accessories such as audio systems in these areas.
- Do not carry out repairs or welding.
- Have accessories retrofitted at a qualified specialist workshop.

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

Mercedes-Benz Genuine Parts are subject to strict quality control. Each part has been specially developed, manufactured or selected for Mercedes-Benz vehicles and fine-tuned for them. Therefore, only Mercedes-Benz Genuine Parts should be used.

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

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

Always specify the vehicle identification number (VIN) (→ page 386) when ordering Mercedes-Benz Genuine Parts.

Operator's Manual

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

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

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

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

Vehicle operation outside the USA or Canada

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

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

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

In the USA:
Mercedes-Benz USA, LLC
European Delivery Department
One Mercedes Drive
Montvale, NJ 07645-0350

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

Maintenance
Your customer advisor confirms the service in the service report.

Roadside Assistance
The Mercedes-Benz Roadside Assistance Program offers technical help in the case of a breakdown. Your calls to the toll-free Roadside Assistance Hotline are answered by our agents 24 hours a day, 365 days a year.
1-800-FOR-MERCEDES (1-800-367-6372) (USA)
1-800-387-0100 (Canada)

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

Change of address or change of ownership

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

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

Under California law you may be entitled to a replacement of your vehicle or a refund of the purchase price or lease price, if after a reasonable number of repair attempts Mercedes-Benz USA, LLC and/or its authorized repair or service facilities fail to fix one or more substantial defects or malfunctions in the vehicle that are covered by its express warranty.

During a period of 18 months from original delivery of the vehicle or a kilometer/mileage reading of 18,000 miles (29,000 km), whichever occurs first, vehicle repair is presumed for a retail buyer or lessee if one or more of the following occurs:

(1) the serious defect or damage can result in deadly or serious injury to the vehicle occupants while driving AND this defect has already been repaired at least twice AND Mercedes-Benz, LLC has been informed in writing of the necessity of a repair.

(2) the defect or damage, though less serious than (1) above, has already been repaired at least four times AND Mercedes-Benz has been informed in writing of the necessity of a repair.

(3) the vehicle cannot be used for longer than 30 calendar days because of repair work resulting from this or other serious defects or damage.

Please send your written notice to:
Mercedes-Benz USA, LLC
Customer Assistance Center
3 Mercedes Drive
Montvale, NJ 07645-0350

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/maintenance work as well any required repairs carried out at a qualified specialist workshop.

⚠️ WARNING Risk of accident or injury due to incorrect modification of electronic components and parts
Modification to electronic components, their software or wiring could impair their function and/or the function of other networked component parts. In particular, systems relevant to safety could also be affected.
As a result, these may no longer function properly and/or jeopardize the operating safety of the vehicle.

⚠️ Never tamper with the vehicle's wiring, electronic components or software.
⚠️ You should have all work on electrical and electronic components carried out at a qualified specialist workshop.
WARNING Risk of fire due to flammable materials on hot parts of the exhaust system

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

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

NOTE Damage to the vehicle

Damage to the vehicle may occur in the following cases:
- the vehicle becomes grounded, e.g. on a high curb or an unpaved road.
- the vehicle is driven too fast over an obstacle, e.g. a curb, speed bump or pothole.
- a heavy object strikes the underbody or chassis components.

In situations such as this, the body, the underbody, chassis components, wheels or tires could be damaged without the damage being visible. Components damaged in this way can unexpectedly fail or, in the case of an accident, no longer withstand the strain they are designed to.

If the underbody paneling is damaged, flammable materials such as leaves, grass or twigs can gather between the underbody and the underbody paneling. These materials may ignite if they come into contact with hot parts on 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, paying attention to road and traffic conditions, and contact a qualified specialist workshop.

Declaration of conformity for wireless vehicle components

USA: "The wireless devices of this vehicle comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) These devices may not cause harmful interference, and 2) These devices must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment."

Canada: "The wireless devices of this vehicle comply with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) These devices may not cause interference, and (2) These devices
must accept any interference, including interference that may cause undesired operation of the device."
USA: "Wireless charging system for mobile devices (Model: D-WMI2015A): this device complies with Part 18 of the FCC Rules."
The name and address of the responsible party is:
Continental Automotive Systems US Inc.
2400 Executive Hills Drive
Auburn Hills, MI 48326-2980
United States of America

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

WARNING Risk of accident due to connecting devices to the diagnostics connection
If you connect equipment to a diagnostics connection in the vehicle, it may affect the operation of vehicle systems.
As a result, the operating safety of the vehicle could be affected.
Only connect equipment to a diagnostics connection in the vehicle which is approved for your vehicle by Mercedes-Benz.

WARNING Risk of accident due to objects in the driver's footwell
Objects in the driver's footwell may impede pedal travel or block a depressed pedal. This jeopardizes the operating and road safety of the vehicle.
Stow all objects in the vehicle securely so that they cannot get into the driver's footwell.

Always install the floor mats securely and as prescribed in order to ensure that there is always sufficient room for the pedals.
Do not use loose floor mats and do not place floor mats on top of one another.

NOTE Battery discharging from using devices connected to the diagnostics connection
Using devices at the diagnostics connection drains the battery.
Check the charge level of the battery.
If the charge level is low, charge the battery, e.g. by driving a considerable distance.

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

An authorized Mercedes-Benz Center is a qualified specialist workshop. It has the necessary specialist knowledge, tools and qualifications to correctly carry out the work required on your vehicle. This particularly applies to work relevant to safety.

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

- work relevant to safety
- service and maintenance work
- repair work
- modifications as well as installations and conversions
- work on electronic component parts

Mercedes-Benz recommends an authorized Mercedes-Benz Center.

Correct use of the vehicle

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

When using the vehicle, observe the following information:

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

Problems with your vehicle

If you should experience a problem with your vehicle, particularly one that you believe may affect its safe operation, we urge you to contact an authorized Mercedes-Benz service center immediately to have the problem diagnosed and rectified. If the problem is not resolved to your satisfaction, please discuss the problem again with the authorized Mercedes-Benz service center or, if necessary, contact us at one of the following addresses.

In the USA:
Customer Assistance Center
Mercedes-Benz USA, LLC
3 Mercedes Drive
Montvale, NJ 07645-0350

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

Reporting safety defects

USA only:
The following text is published as required of manufacturers under Title 49, Code of U.S. Federal Regulations, Part 575 pursuant to the "National Traffic and Motor Vehicle Safety Act of 1966".

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Mercedes-Benz USA, LLC.
If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Mercedes-Benz USA, LLC.

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

Further information on vehicle safety can be found at: http://www.safercar.gov

### Limited Warranty

**NOTE** Damage to the vehicle arising 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 codes for the rescue card

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

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

### Vehicle data storage

**Information from electronic control units**

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

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

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

- operating statuses of system components (e.g. fluid levels, battery status, tire pressure)
- status messages concerning the vehicle and its individual components (e.g. number of wheel revolutions/speed, deceleration, lat-
eral acceleration, display of the fastened seat belts)
• malfunctions or defects in important system components (e.g. lights, brakes)
• information on vehicle damage events
• system reactions in special driving situations (e.g. airbag deployment, intervention of stability control systems)
• ambient conditions (e.g. temperature, rain sensor)

In addition to providing the actual control unit function, this data assists the manufacturer in detecting and rectifying malfunctions and optimizing vehicle functions. The majority of this data is temporary and is only processed in the vehicle itself. Only a small portion of the data is stored in the event or malfunction memory.

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

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

They can enter data into the vehicle’s convenience and infotainment functions themselves as part of the selected equipment.
This includes, for example:
• multimedia data such as music, films or photos for playback in an integrated multimedia system
• address book data for use in connection with an integrated hands-free system or an integrated navigation system
• entered navigation destinations
• data about the use of Internet services

This data can be stored locally in the vehicle or is located on a device which you have connected to the vehicle. If this data is stored in the vehicle, you can delete it at any time. This data can only be transmitted to third parties upon your request with particular regard to the scope of use of online services according to your selected settings.

You can store or change convenience settings/individualization in the vehicle at any time.
Depending on the equipment, this includes, for example:
• seat and steering wheel position settings
• suspension and climate control settings
• individualization such as interior lighting

If your vehicle is accordingly equipped, you can connect your smartphone or another mobile end device to the vehicle. You can control them via the control elements integrated in your vehicle. Images and audio from the smartphone can be output via the multimedia system. Certain information is simultaneously transmitted to your smartphone.
Depending on the respective integration type, this includes, for example:

- general vehicle information
- position data

This enables the use of selected smartphone Apps, e.g. navigation or music playback. There is no further interaction between the smartphone and the vehicle; in particular, vehicle data is not directly accessible. The type of further data processing is determined by the provider of the App used. The respective App and your smartphone's operating system determine whether changes can be made to the settings and which settings can be changed.

**Service providers**

**Wireless network connection**

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

**Manufacturer's services**

The manufacturer describes the respective functions and corresponding legal data protection information when suitable for the manufacturer's online services. Personal data may be used for the provision of online services. Data is exchanged via a secure connection, e.g. to the manufacturer's designated IT systems. Personal data is collected, processed and used via the provision of services exclusively on the basis of legal permissions or with prior consent. The services and functions (sometimes subject to a fee) can usually be activated or deactivated. In some cases, this also applies to the entire vehicle's data connection. This excludes, in particular, legally prescribed functions and services.

**Third party services**

If it is possible to use online services from other providers, these services are subject to the data protection and terms of use of the responsible provider. The manufacturer has no influence on the content exchanged.

Please enquire, therefore, about the type, scope and purpose of the collection and use of personal data as part of third party services from their respective provider.

**COMAND/mbrace**

If the vehicle is equipped with COMAND or mbrace, additional data about the vehicle's operation, the use of the vehicle in certain situations, and the location of the vehicle may be compiled through COMAND or the mbrace system.

For additional information please refer to the chapter Multimedia system and/or the mbrace Terms and Conditions.

**Event Data Recorders**

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

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

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

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

Access to the vehicle and/or the EDR is needed to read data that is recorded by an EDR, and special equipment is required. In addition to the vehicle manufacturer, other parties that have the special equipment, such as law enforcement, can read the information by accessing the vehicle or the EDR.

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

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

Warning: the EDR is a component of the Restraint System Module. Tampering with, altering, modifying or removing the EDR component may result in a malfunction of the Restraint System Module and other systems.

State laws or regulations regarding EDRs that conflict with federal regulation are pre-empted. This means that in the event of such conflict, the federal regulation governs. As of February 2013, 13 states have enacted laws relating to EDRs.

**Copyright**

**Free and open source software**

Information on free and open source software licenses for your vehicle’s software can be found on the data storage medium in your vehicle document wallet and on the Internet together with updates:

http://www.mercedes-benz.com/opensource
Registered trademarks

- Bluetooth® is a registered trademark of Bluetooth SIG Inc.
- DTS™ is a registered trademark of DTS, Inc.
- Dolby® and MLP™ are registered trademarks of DOLBY Laboratories.
- BabySmart™, ESP® and PRE-SAFE® are registered trademarks of Daimler AG.
- HomeLink® is a registered trademark of Johnson Controls.
- iPod® and iTunes® are registered trademarks of Apple Inc.
- Burmester® is a registered trademark of Burmester Audiosysteme GmbH.
- Microsoft® and Windows Media® are registered trademarks of Microsoft Corporation.
- SIRIUS® is a registered trademark of Sirius XM Radio Inc.
- HD Radio™ is a registered trademark of iBiquity Digital Corporation.
- Gracenote® is a registered trademark of Gracenote, Inc.
- ZAGATSurvey® and related brands are registered trademarks of ZagatSurvey, LLC.
Restraint system

Protection by the restraint system

The restraint system includes the following:

- Seat belt system
- Air bags
- Child restraint system
- Child seat securing system

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

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

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

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

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

Reduced restraint system protection

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

The restraint system can no longer function correctly after alterations have been made. The restraint system may then not protect the vehicle occupants as intended by failing in an accident or triggering unexpectedly, for example

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

- If it is necessary to modify the vehicle to accommodate a person with disabilities, contact an authorized Mercedes-Benz Center for details.
- USA only: for details, contact our Customer Assistance Center on 1-800-FOR-MERCEDES (1-800-367-6372).
Restraint system functionality

When the ignition is switched on, a system 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.

Malfunctioning restraint system

A malfunction has occurred in the restraint system if:

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

Function of the restraint system in an accident

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

- Frontal impact
- Rear impact
- Side impact
- Rollover

The activation thresholds for the components of the restraint system are determined based on the evaluation of the sensor values measured at various points in the vehicle. This process is preemptive in nature. The triggering/deployment of the components of the restraint system should 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 air bag deployment, nor do they provide an indication of air bag deployment.

The vehicle may be deformed significantly without an air bag being deployed. This is the case if only parts which are relatively easily deformed are affected and the rate of vehicle deceleration is not high. Conversely, an air bag may be deployed even though the vehicle suffers only minor deformation. If very rigid vehicle parts such as longitudinal members are hit, for example, the vehicle deceleration may be high enough for this to happen.
The components of the restraint system can be activated or deployed independently of each other:

<table>
<thead>
<tr>
<th>Component</th>
<th>Detected deployment situation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Tensioning Devices</td>
<td>Frontal impact, rear impact, side impact, rollover</td>
</tr>
<tr>
<td>Driver’s air bag, front passenger air bag</td>
<td>Frontal impact</td>
</tr>
<tr>
<td>Knee air bag</td>
<td>Frontal impact</td>
</tr>
<tr>
<td>Side air bag</td>
<td>Side impact</td>
</tr>
<tr>
<td>Window air bag</td>
<td>Side impact, rollover, frontal impact</td>
</tr>
<tr>
<td>Belt air bag</td>
<td>Frontal impact</td>
</tr>
<tr>
<td>PRE-SAFE® Impulse Side</td>
<td>Side impact</td>
</tr>
</tbody>
</table>

The front-passenger air bag can be deployed in an accident only if the PASSENGER AIR BAG OFF indicator lamp is off. If the front passenger seat is occupied, make sure, both before and during the journey, that the status of the front passenger air bag is correct (→ page 42).

**WARNING** Risk of burns from hot air bag components

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

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

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

If the Emergency Tensioning Devices are triggered or an air bag is deployed, you will hear a bang, and 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.

Air bags and pyrotechnic Emergency Tensioning Devices contain perchlorate material, which may require special handling or environmental protection measures. National guidelines must be observed during disposal. In California, see http://www.dtsc.ca.gov/HazardousWaste/Perchlorate/index.cfm.

**Seat belts**

Protection provided by the seat belt

Always fasten your seat belt correctly before starting a journey. A seat belt can only provide the best level of protection if it is worn correctly.
### WARNING Risk of injury or death due to incorrectly fastened seat belt

If the seat belt is not worn correctly, it cannot perform its intended protective function. In addition, an incorrectly fastened seat belt can also cause injuries, for example, in the event of an accident or when braking or changing direction suddenly.

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

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

- The seat belt must not be twisted and must fit tightly and snugly across the body.
- The seat belt must be routed across the center of the shoulder and as low down across the hips as possible.
- The shoulder section of the seat belt should not touch your neck nor be routed under your arm or behind your back.
- Avoid wearing bulky clothing, e.g. a winter coat.
- Push the lap belt down as far as possible across your hips and pull tight with the shoulder section of the belt. Never route the lap belt across your abdomen.
- Never route the seat belt across sharp, pointed, abrasive or fragile objects.
- Only one person should use each seat belt at any one time. Never allow babies and children to travel sitting on the lap of another vehicle occupant.
- Never secure objects with a seat belt if the seat belt is also being used by one of the vehicle’s occupants. Always observe the instructions for loading the vehicle when securing objects, luggage or loads (→ page 97).
- Also ensure that no objects, e.g. a cushion, are ever placed between a person and the seat.

The seat belts on the following seats are equipped with a child seat safety feature:
- Front passenger seat
- Rear seats

Activate or deactivate the child seat safety feature of the seat belt (→ page 49).

If children are traveling in the vehicle, be sure to observe the instructions and safety notes on "Children in the vehicle" (→ page 46).

### Reduced seat belt protection

#### WARNING Risk of injury or death due to incorrect seat position

The seat belt does not offer the intended level of protection if you have not moved the seat backrest to an almost vertical position. When braking or in the event of an accident, you could slide underneath the seat belt and sustain abdominal or neck injuries, for example.
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 center of your shoulder.

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

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

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

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

Objects next to the front seat that block the seat belt buckle or the moving seat belt anchorage on the front seat impair the function of the Emergency Tensioning Devices. The Emergency Tensioning Devices can, then, not function as intended and the seat belt can no longer provide the intended protection.

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 or death due to damaged or modified seat belts

Seat belts cannot provide protection in the following situations:

- If the seat belts are damaged, modified, extremely dirty, bleached or dyed
- If the seat belt buckle is damaged or extremely dirty
- If the Emergency Tensioning Devices, seat belt anchorages or seat belt retractors have been modified

Seat belts may be damaged in an accident, although the damage may not be visible, e.g. due to splinters of glass.

Modified or damaged seat belts may tear or fail, e.g. in an accident.

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

Never modify the seat belts, Emergency Tensioning Devices, seat belt anchorages or seat belt retractors.

Make sure that the seat belts are undamaged, not worn and clean.

Always have the seat belts checked immediately after an accident at a qualified specialist workshop.
Only use seat belts that have been approved for your vehicle by Mercedes-Benz.

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

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

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

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

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

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

Always ensure that an unused seat belt is fully retracted.

### Information on the belt air bag in the rear seat belt

The BELTBAG identification indicates that a rear seat belt is equipped with a belt air bag. When activated, the belt air bag increases the protected area of the vehicle occupant’s ribcage.

**WARNING** Risk of injury or death through the use of a non-approved child restraint system

In an accident, the belt air bag may damage a non-approved or non-authorized child restraint system. As a result, the child restraint system may not be able to provide the intended level of protection.

Therefore, always use LATCH or LATCH-type (ISOFIX) to fasten a child seat equipped with an integrated restraint system.

For vehicles equipped with the optional rear seat-belt air bags ("beltbag"), only use a Mercedes-Benz approved booster seat with integrated backrest.

Never use an air bag equipped seat belt to fasten a front or rear-facing child seat or a non-approved booster seat.

Please contact an authorized Mercedes-Benz Center for information on approved child restraint systems.

### Fastening and adjusting the 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.
Press and hold the seat belt outlet release and slide seat belt outlet 3 into the desired position.
Let go of the seat belt outlet release and ensure that seat belt outlet 3 locks into position.

**Vehicles with PRE-SAFE®:** If the front seat belt is not pulled tight across your body, the seat belt adjustment may automatically apply a certain tightening force. Do not hold the seat belt tightly while it is adjusting. You can activate and deactivate the seat belt adjustment function using the multimedia system.

**Vehicles with automatic front passenger front air bag shutoff:**

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

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

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

**Releasing seat belts**
Press the release button in the seat belt buckle and guide the seat belt back with the seat belt tongue.

**Vehicles without automatic front passenger front air bag shutoff:**

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

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

Only one person should use each seat belt at any one time.
Activating or deactivating seat belt adjustment via the multimedia system

Multimedia system:

Vehicle ➤ Vehicle Settings ➤ Belt Adjustment

Activate ✔ or deactivate ☑ the function.

Seat belt warning function for the driver and front passenger

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

The seat belt warning lamp lights up for six seconds after every engine start.

In addition, an acoustic warning tone may sound.

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

During a journey, the seat belt warning lights up if:

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

Airbags

Overview of air bags

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

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

<table>
<thead>
<tr>
<th>AIRBAG</th>
<th>Potential protection for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knee air bag</td>
<td>Thigh, knee and lower leg</td>
</tr>
<tr>
<td>Driver’s air bag, front passenger front air bag</td>
<td>Head and ribcage</td>
</tr>
<tr>
<td>Window curtain air bag</td>
<td>Head</td>
</tr>
<tr>
<td>Side impact air bag</td>
<td>Ribcage, also pelvis for front seat occupants</td>
</tr>
</tbody>
</table>

The front passenger front air bag can only be deployed in an accident if the PASSENGER AIR
BAG OFF indicator lamp is off. If the front passenger seat is occupied, make sure, both before and during the journey, that the status of the front passenger air bag is correct (→ page 42).

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

In an accident, the components of the restraint system may deploy unnecessarily on the front passenger side if:
- There are heavy objects on the front passenger seat.
- The seat belt tongue is engaged in the seat belt buckle of the front passenger seat and the front passenger seat is unoccupied.

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

Protection by the air bags

Depending on the accident situation, an air bag may supplement the protection offered by a correctly fastened seat belt.

WARNING Risk of injury or death due to incorrect seat position

If you deviate from the correct seat position, the air bag cannot perform its intended protective function and deployment may even cause further injuries. To avoid hazardous situations, always make sure that all vehicle occupants:
- Have their seat belt fastened correctly, including pregnant women.
- Are seated properly and that distance to the air bags is as large as possible.
- Observe the following information.
- Always make sure that there are no objects between the air bag and the vehicle occupant.

To avoid the risks resulting from the deployment of an air bag, each vehicle occupant must observe the following information:
- Before starting your journey, adjust your seat correctly; the driver’s seat and front passenger seat should be moved as far back as possible.
- Only hold the steering wheel by the steering wheel rim. This allows the air bag to be fully deployed.
- Always lean against the seat backrest when the vehicle is in motion. Do not lean forwards or against the door or side window. You may otherwise be in the deployment area of the air bags.
- Always keep your feet on the floor. Do not put your feet on the cockpit, for example. Your feet may otherwise be in the deployment area of the air bag.
- If children are traveling in the vehicle, observe the additional notes (→ page 46).
Always stow and secure objects correctly. Objects in the vehicle interior may prevent an air bag from functioning correctly. Each vehicle occupant must always make sure of the following:

- There are no people, animals or objects between the vehicle occupants and an air bag.
- There are no objects between the seat, door and door pillar (B-pillar).
- There are no hard objects, e.g. coat hangers, hanging on the grab handles or coat hooks.
- There are no accessory parts, such as cup holders, attached to the vehicle within the deployment area of an air bag, e.g. on doors, side windows or side trim.
- There are no heavy, sharp-edged or fragile objects in the pockets of your clothing. Store such objects in a suitable place.

### Reduced air bag protection

**WARNING** Risk of injury from modifications to the airbag cover

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

Never modify an airbag cover and do not affix objects to it.

The installation location of an air bag is identified by the AIRBAG symbol (→ page 38).

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

Unsuitable seat covers can obstruct or prevent the deployment of air bags integrated into the seats. Consequently, the airbags cannot protect vehicle occupants as they are designed to do. In addition, operation of the automatic front passenger air bag shutoff may be restricted.

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

**WARNING** Risk of injury due to malfunctions of the sensors in the door paneling

Sensors to control the airbags are located in the doors. Modifications or work not performed correctly to the doors or door paneling, as well as damaged doors, can lead to the function of the sensors being impaired. The airbags might therefore not function properly any more. Consequently, the airbags cannot protect vehicle occupants as they are designed to do.

Never modify the doors or parts of the doors.

Always have work on the doors or door paneling carried out at a qualified specialist workshop.
**WARNING Risk of injury due to deployed airbag**

A deployed airbag no longer has a protective function and cannot protect as intended in the event of an accident.

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

Have deployed air bags replaced immediately.

**Status of the front passenger airbag**

**Function of the front passenger front airbag shutoff**

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

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

- Ensure that the child restraint system is positioned correctly (→ page 46).
- Always observe the child restraint system manufacturer's installation instructions.
- Never place objects, e.g. cushions, under or behind the child restraint system.
- Fully retract the seat cushion length adjustment.
- The entire base of the child restraint system must always rest on the sitting surface of the front passenger seat.
- The backrest of the forward-facing child restraint system must, as far as possible, be resting on the seat backrest of the front passenger seat.
- The child restraint system must not touch the roof or be put under strain by the head restraints. Adjust the seat backrest inclination and the head restraint setting accordingly.

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

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

This could result in the front passenger airbag not functioning as intended during an accident.

- Do not place any objects between the sitting surface and the child restraint system.
- The entire base of the child restraint system must always rest on the sitting surface of the front passenger seat.
- The backrest of the forward-facing child restraint system must lie as flat as possible against the backrest of the front passenger seat.
- Always comply with the child restraint system manufacturer's installation instructions.
A person on the front passenger seat must observe the following information:
- Fasten seat belts correctly.
- Sit in an almost upright seat position with their back against the seat backrest.
- Sit with their feet resting on the floor, if possible.

Otherwise, the front passenger air bag may be deactivated by mistake, for example in the following situations:
- The front passenger transfers their weight by supporting themselves on a vehicle armrest.
- The front passenger sits in such a way that their weight is raised from the sitting surface.

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

If the PASSENGER AIR BAG OFF indicator lamp is lit, 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 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.

Ensure, both before and during the journey, that the status of the front passenger airbag is correct.

Function of the PASSENGER AIR BAG indicator lamps

When the ignition is switched on, a system self-test is performed during which the two PASSENGER AIR BAG ON and OFF indicator lamps light up simultaneously.
The status of the front passenger airbag is displayed after the system self-test:

- PASSENGER AIR BAG ON lights up for 60 seconds, subsequently both PASSENGER AIR BAG ON and OFF indicator lamps are off; the front passenger airbag is able to deploy in the event of an accident.
- PASSENGER AIR BAG OFF lights up continuously; the front passenger airbag is deactivated. It will then not be deployed in the event of an accident.

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

If the PASSENGER AIR BAG OFF indicator lamp and the restraint system warning lamp light up simultaneously, the front passenger seat may not be used. Also in this case, do not install a child restraint system on the front passenger seat. Have the automatic front passenger air bag shutoff checked and repaired immediately at a qualified specialist workshop.

### Status display

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

#### After installing a rearward-facing child restraint system to the front passenger seat:
PASSENGER AIR BAG OFF must be lit continuously.

**WARNING** Risk of injury or death from using a rearward-facing child restraint system when 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 on a seat protected by an ACTIVE FRONT AIR BAG in front of it; DEATH or SERIOUS INJURY to the child can occur.**

When installing a child restraint system to the front passenger seat, observe the vehicle-specific information.

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

#### After installing a forward-facing child restraint system to the front passenger seat:

Depending on the child restraint system and the stature of the child, PASSENGER AIR BAG OFF may be lit continuously or be off. Always observe the following information.
• Come into contact with the vehicle inte-
rior if the PASSENGER AIR BAG OFF indi-
cator lamp is lit, for example.
• Be struck by the air bag if the
PASSENGER AIR BAG OFF indicator lamp
is off.

When installing a child restraint system to the
front passenger seat, observe the vehicle-spe-
cific information.

If a person is sitting in the front passenger
seat: PASSENGER AIR BAG OFF may be lit con-
tinuously or be off, depending on the person's
stature.
A person on the front passenger seat must
always observe the following information:
• If the front passenger seat is occupied with
an adult or a person with a stature corre-
ponding to that of an adult, the PASSENGER
AIR BAG OFF indicator lamp must be off. This
indicates that the front passenger air bag is
enabled.
If the PASSENGER AIR BAG OFF indicator
lamp is lit continuously, an adult or person
with a build corresponding to that of an adult
should not use the front passenger seat.
Instead, they should use a rear seat.
• If the front passenger seat is occupied by a
person of smaller stature (e.g. a teenager or
small adult), the PASSENGER AIR BAG OFF
indicator lamp either lights up continuously
or remains off, depending on the result of the
classification.
  - PASSENGER AIRBAG OFF is off: move the
front passenger seat as far back as possible or
a person of smaller stature should
use a rear seat.
  - If the PASSENGER AIRBAG OFF indicator
lamp is lit continuously: a person of
smaller stature should not use the front
passenger seat.

• 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 acci-
dent, the child could:
  - Always move the front passenger seat
as far back as possible and fully retract
the seat cushion length adjustment.
Always make sure that the shoulder belt
strap is correctly routed from the seat
belt outlet on the vehicle to the shoul-
derd belt guide on the child restraint sys-
tem. The shoulder belt strap must be
routed forwards and downwards from
the vehicle belt outlet. If necessary,

adjust the seat belt outlet and the front
passenger seat accordingly.
• Always observe the child restraint sys-
tem manufacturer's installation instruc-
tions.

If the PASSENGER AIR BAG OFF indicator
lamp remains lit after the system self-test,
the front passenger air bag is deactivated. It
will not be deployed in the event of an acci-
dent. In this case, the front passenger air bag cannot perform its intended protective function, e.g. when a person is seated in the front passenger seat.

That person could, 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 air bag is enabled or deactivated in accordance with the person in the front passenger seat.
- The person is seated properly with a correctly fastened seat belt.
- The front passenger seat has been moved as far back as possible.

**Further related subjects:**
- Child restraint system on the front passenger seat (→ page 53).

### PRE-SAFE® system

**PRE-SAFE® (Pre-Crash Safety-System)**

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 favorable seat position.
- **Vehicles with multicontour seat:** increasing the air pressure in the seat side bolsters of the seat backrest.
- PRE-SAFE® Sound: provided that the multimedia system is switched on, generates a brief noise signal to stimulate the innate protective mechanism of a person’s hearing.

### NOTE

Damage caused by objects in the footwell or behind the seat

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

- Stow objects in a suitable place.

**Reversing the PRE-SAFE® system measures**

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

You will need to perform certain settings yourself.

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

**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
Occupants. 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.
- Increasing brake pressure when the vehicle is stationary. This brake application is canceled automatically when the vehicle pulls away.

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

**System limitations**

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

- when reversing

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

**Information on PRE-SAFE® Impulse Side**

If an imminent side impact is detected, PRE-SAFE® Impulse Side can pre-emptively move the front-seat vehicle occupant’s upper body towards the center of the vehicle. It does this by rapidly inflating an air cushion in the outer seat side bolster of the seat backrest on the side on which the impact is anticipated. This increases the distance between the door and the vehicle occupant.

If PRE-SAFE® Impulse Side has been deployed or is defective, the PRE-SAFE Impulse Side Inoperative See Operator’s Manual display message is shown (→ page 397).

**Children in the vehicle**

**Notes on the safe transportation of children**

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

If you leave children unaccompanied in the vehicle, they may be able to set the vehicle in motion, for example by:

- Releasing the parking brake.
- Shifting the transmission out of park position [P].
- Starting the engine.

In addition, they may operate vehicle equipment.

Never leave children and animals unattended in the vehicle.

When leaving the vehicle, always take the SmartKey with you and lock the vehicle.
**WARNING** Risk of fatal injury due to exposure to extreme heat or cold in the vehicle

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

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

**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 it 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.

The use of seat belts and child restraint systems is required by law in:
- All 50 states
- The U.S. territories
- The District of Columbia
- All Canadian provinces

All child restraint systems must meet the following standards:
- U.S. Federal Motor Vehicle Safety Standards 213 and 225
- Canadian Motor Vehicle Safety Standards 213 and 210.2

You can obtain further information about the correct child restraint system from any Mercedes-Benz Service Center.

To improve protection for children younger than 12 years old or under 5 ft (1.50 m) in height, Mercedes-Benz recommends you observe the following information:
- Only secure children using a child restraint system which is appropriate to the height, age and weight of the child and suitable for Mercedes-Benz vehicles. Be sure to observe the instructions for correct use of the child restraint system.
- Always install a child restraint system on a rear seat if possible.
- Only use the following securing systems for child restraint systems:
  - the seat belt system
  - the LATCH-type (ISOFIX) mounting brackets
  - the Top Tether anchorages
- The manufacturer’s installation instructions for the child restraint system.
- The warning labels in the vehicle interior and on the child restraint system.
**WARNING** Risk of injury or death caused by incorrect installation of the child restraint system

If the child restraint system is incorrectly installed on a suitable seating position, it cannot perform its intended protective function.

The child cannot be restrained in the event of an accident, heavy braking or a sudden change of direction.

- Always 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 under or behind the child restraint system, e.g. cushions.
- Always use child restraint systems with the original cover designed for them.
- Always replace damaged covers with genuine covers.

---

**WARNING** Risk of accident caused by incorrectly installed child restraint systems

If the child restraint system is not correctly installed or secured, it could release in the event of an accident, sudden braking or a sudden change in direction.

The child restraint system could be flung around and hit vehicle occupants. This poses an increased risk of injury or even fatal injury.

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

---

**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 a load in an accident may then not be able to perform their intended protective function.

The child cannot be restrained in the event of an accident, heavy braking or a sudden change of direction.

- Always replace child restraint systems immediately 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.

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

The following notes must be observed:

- When installing a child restraint system on the front passenger seat, the information on installing a child restraint system on the front passenger seat (→ page 53).
Activating/deactivating the child seat safety feature of the seat belt

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

If the seat belt is released while the vehicle is in motion, the child restraint system is no longer correctly secured. The child seat safety feature is deactivated and the seat belt is drawn in a bit by the inertia reel. It is therefore not possible to engage the seat belt again.

- Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.

- Activate the child seat safety feature again and correctly secure the child restraint system.

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

Installing a child restraint system:

- Always comply with the manufacturer’s installation instructions when installing and removing the child restraint system.
- Pull the seat belt smoothly from the seat belt outlet.
- Engage the seat belt tongue in the seat belt buckle.

Activating the child seat safety feature:

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

Deactivating the child seat safety feature:

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

LATCH-type (ISOFIX) child seat attachment

Notes on LATCH-type (ISOFIX) child seat attachments

**WARNING** Risk of injury or death if the maximum permissible gross mass for using a LATCH-type (ISOFIX) child restraint system is exceeded

For LATCH-type (ISOFIX) child restraint systems in which the child is secured using the integrated seat belt integrated in the child restraint system, the permissible gross mass of the child and child restraint system is 73 lb (33 kg).

If the child and the child restraint system together weigh more than 73 lb (33 kg), the
LATCH-type (ISOFIX) child restraint system with integrated seat belt does not offer sufficient protection. An excessive load may be placed on the LATCH-type (ISOFIX) child seat attachments and the child may not be restrained in the event of an accident, for example.

- If the child and the child restraint system together weigh more than 73 lb (33 kg), only use a LATCH-type (ISOFIX) child restraint system which secures the child with the vehicle seat belt.
- Also secure the child restraint system with the Top Tether belt, if available.

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

When using a child restraint system, be sure to observe the manufacturer's installation and operating instructions as well as its correct use and the suitability of the seats for attaching a child restraint system. ISOFIX is a standardized securing system for specially designed restraint systems. LATCH-type (ISOFIX) child restraint systems are approved in accordance with ECE R44. Only child restraint systems that have been approved in accordance with ECE R44 may be attached to LATCH-type (ISOFIX) mounting brackets.

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
Installing LATCH-type (ISOFIX) child seat attachments

**WARNING** Risk of injury or death if the maximum permissible gross mass for using a LATCH-type (ISOFIX) child restraint system is exceeded

For LATCH-type (ISOFIX) child restraint systems in which the child is secured using the integrated seat belt integrated in the child restraint system, the permissible gross mass of the child and child restraint system is 73 lb (33 kg).

If the child and the child restraint system together weigh more than 73 lb (33 kg), the LATCH-type (ISOFIX) child restraint system with integrated seat belt does not offer sufficient protection. An excessive load may be placed on the LATCH-type (ISOFIX) child seat attachments and the child may not be restrained in the event of an accident, for example.

If the child and the child restraint system together weigh more than 73 lb (33 kg), only use a LATCH-type (ISOFIX) child restraint system which secures the child with the vehicle seat belt.

Also secure the child restraint system with the Top Tether belt, if available.

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 being adhered to.

When using a child restraint system, be sure to observe the manufacturer’s installation and operating instructions as well as its correct use and the suitability of the seats for attaching a child restraint system.

Before every trip, make sure that the LATCH-type (ISOFIX) child restraint system is engaged correctly in both LATCH-type (ISOFIX) mounting brackets.

NOTE Damage to the seat belt for the center seat

When installing a child restraint system, the seat belt for the center seat could be damaged.
Make sure that the seat belt is not trapped.

- Remove each cover for LATCH-type (ISOFIX) mounting brackets 1.
- Attach the LATCH-type (ISOFIX) child restraint system to both LATCH-type (ISOFIX) mounting brackets 1.
- After removing the child seat, replace each cover for LATCH-type (ISOFIX) mounting brackets 1.

**Securing Top Tether**

| WARNING | Risk of injury or death if the rear seat backrests are not locked after installing Top Tether belts |

If the rear seat backrests are not locked, they could fold forwards in the event of an accident or during braking or sudden changes of direction. As a result, child restraint systems cannot perform their intended protective function.

Rear seat backrests that are not locked can also cause additional injuries, e.g. in the event of an accident.

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

If the seat backrest is not engaged and locked, this will be shown on the multifunction display on the instrument cluster.

The risk of injury can be reduced by Top Tether as Top Tether provides an additional connection between the child restraint system secured with LATCH-type (ISOFIX) and the vehicle. The child restraint system must be equipped with a Top Tether belt.

- If necessary, move head restraint 1 upwards (→ page 90).
- Fold up cover 2 of Top Tether anchorage 3.
- Install the LATCH-type (ISOFIX) child restraint system with Top Tether. Always comply with the child restraint system manufacturer's installation instructions when doing so.
Route Top Tether belt ③ under head restraint ① between the two head restraint bars.

Hook Top Tether hook ④ of Top Tether belt ⑤ without twisting into Top Tether anchorage ②.

Tension Top Tether belt ⑤. Always comply with the child restraint system manufacturer’s installation instructions when doing so.

Fold down cover ② of Top Tether anchorage ③.

If necessary, slide head restraint ① downwards (→ page 90). Make sure that you do not interfere with the routing of Top Tether belt ⑤.

Child restraint systems on the front passenger seat

Notes on child restraint systems on the front passenger seat

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

If it is absolutely necessary to install a child restraint system on the front passenger seat, always observe the information on the automatic front passenger airbag shutoff (→ page 41).

By doing this, you can avoid risks caused by:

- A child restraint system that is not detected by the automatic front passenger airbag shutoff.
- The unintentionally deactivated front passenger airbag.
- Incorrect positioning of the child restraint system.

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

When using a rearward-facing child restraint system on the front passenger seat, the front passenger front air bag must always be deactivated. This is only the case if the PASSENGER AIR BAG OFF indicator lamp is lit continuously (→ page 42).

When using the child restraint system on the front passenger seat, it is essential to observe the following:

- Move the front passenger seat as far back as possible.
- Set the seat backrest to an almost vertical position.
- Retract the seat cushion length as far as possible.
- The entire base of the child restraint system must always rest on the sitting surface of the front passenger seat.
• The backrest of the forward-facing child restraint system must lie as flat as possible against the seat backrest of the front passenger seat. The child restraint system must not touch the roof or be put under strain by the head restraints.
• If necessary, adjust the angle of the seat backrest and the head restraint position accordingly.
• 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.
• 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 seat belt outlet and the front passenger seat accordingly.
• Never place objects under or behind the child restraint system, e.g. cushions.

Always comply with the manufacturer’s installation and operating instructions for the child restraint system used.

**Child safety locks**

**Activating/deactivating the child safety lock for the rear doors**

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

If you leave children unaccompanied in the vehicle, they may be able to set the vehicle in motion, for example by:
- Releasing the parking brake.
- Shifting the transmission out of park position [P].
- Starting the engine.

In addition, they may operate vehicle equipment.

Never leave children and animals unattended in the vehicle.

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

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

Never leave anyone – particularly children – unattended in the vehicle.

**WARNING** There is a risk of accident and injury if you leave children unattended in the vehicle

If children are traveling in the vehicle, they could:
- Open doors, thereby endangering other persons or road users.
• Get out of the vehicle and be hit by oncoming traffic.
• Operate vehicle equipment and become trapped, for example.

➤ Always activate the child safety locks available if children are traveling in the vehicle.
➤ Never leave children unattended in the vehicle.
➤ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.

Child safety locks for the rear doors and an override feature for the rear side windows are available. 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/deactivating the override feature for the rear side windows

➤ To activate/deactivate: press button 2.
Opening/closing the side window in the rear is possible:
• With indicator lamp 1 lit: via the switch on the driver's door.
With indicator lamp 1 off: via the switch on the corresponding rear door or driver's door.

**Notes on pets in the vehicle**

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

If you leave animals in the vehicle unattended or unsecured, they could possibly press down buttons or switches. Thereby an animal may:

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

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

- Never leave animals in the vehicle unattended.
- Always correctly secure animals while driving, for example using a suitable animal carrier.
Overview of SmartKey functions

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

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

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

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

- Releasing the parking brake.
- Shifting the automatic transmission out of park position (P) or shifting manual transmission into neutral.
- Starting the engine

**NOTE** Damage to the key caused by magnetic fields

- Keep the key away from strong magnetic fields.

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

Never leave children and animals unattended in the vehicle.

Keep the SmartKey out of reach of children.

---

1. Locks
2. Battery check lamp
3. Unlocks
4. Opens/closes the trunk lid
5. Panic alarm

The SmartKey locks and unlocks the following components:

- The doors
- The trunk lid
- The fuel filler flap
If you do not open the vehicle within approximately 40 seconds after unlocking:
- The vehicle is locked again
- Anti-theft protection is reactivated

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

If battery check lamp 2 does not light up after pressing the \( \text{\textcopyright} \) or \( \& \) button, the battery is discharged.

Changing the SmartKey battery (→ page 59).

Activating/deactivating the panic alarm

Requirements
- The panic alarm function is only available in certain countries.
- The ignition is switched off.

To activate: press button \( \text{\textcopyright} \) for approximately one second.
A visual and audible alarm is triggered.

To deactivate: briefly press button \( \& \) again, or
Press the start/stop button on the dashboard (the SmartKey is inside the vehicle).

Changing the unlocking settings

Possible unlocking functions of the SmartKey:
- Central unlocking
- Unlocking the driver's door and fuel filler flap

To switch between settings: press the \( \text{\textcopyright} \) and \( \& \) buttons simultaneously for approximately six seconds until the battery check lamp flashes twice.

If the unlocking function for the driver's door and fuel filler flap has been selected:
- Pressing the \( \text{\textcopyright} \) button a second time centrally unlocks the vehicle.
- Vehicles with KEYLESS-GO: if you touch the inner surface of the door handle on the driver's door, only the driver's door and fuel filler flap are unlocked.

Reducing the energy consumption of the SmartKey

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

- **To deactivate:** press the button on the SmartKey twice in rapid succession. The battery check lamp of the SmartKey flashes twice briefly and lights up once.
- **To activate:** press any button on the SmartKey.

When the vehicle is started with the SmartKey in the stowage compartment of the center console, the SmartKey functions are automatically activated (→ page 136).

---

**Removing/inserting the mechanical key**

- **To remove:** press release knob 1. Mechanical key 2 is pushed out slightly.
- **Pull out mechanical key 2** until it engages in the intermediate position.
- **You can use the intermediate position of mechanical key 2** to attach the key to a key ring.
- **Press release knob 1 again and fully remove mechanical key 2.**
- **To insert:** press release knob 1.
- **Insert mechanical key 2** to the intermediate position or fully until it engages.

---

**Replacing the SmartKey battery**

- **DANGER** Serious damage to health caused by swallowing batteries

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

There is a risk of fatal injury.

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

---

**ENVIRONMENTAL NOTE** Environmental damage caused by improper disposal of batteries

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

Dispose of batteries in an environmentally responsible manner. Take discharged batteries to a qualified specialist workshop or to a collection point for used batteries.
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 59).

Problems with the SmartKey

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| You can no longer lock or unlock the vehicle. | Possible causes are:  
  - The SmartKey battery is discharged or nearly discharged.  
  - There is interference from a powerful radio signal source. |
<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| The SmartKey is defective.    | • Check the battery using the battery check lamp and replace if necessary.  
                                 | • Use the mechanical key to lock or unlock.  
                                 | • Have the SmartKey checked at a qualified specialist workshop. |
| You have lost a SmartKey.     | • Have the SmartKey deactivated at a qualified specialist workshop.  
                                 | • If necessary, have the locks changed as well. |
Doors
Unlocking and opening doors from the inside

- **To unlock and open a front door**: pull door handle 2. Locking pin 1 pops up when the door is unlocked.

- **To unlock a rear door**: pull the rear door handle. The locking pin pops up when the rear door is unlocked.

- **To open a rear door**: pull the rear door handle again.

Centrally locking and unlocking the vehicle from the inside

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

This does not lock or unlock the fuel filler flap.

The vehicle is not unlocked:
- If you have locked the vehicle using the SmartKey.
- If you have locked the vehicle using KEY-LESS-GO.

Locking/unlocking the vehicle with KEY-LESS-GO

**Requirements:**
- The SmartKey is outside the vehicle.
- The distance between the SmartKey and the vehicle does not exceed 3 ft (1 m).
- The driver’s door and the door at which the door handle is used are closed.
To unlock the vehicle: touch the inner surface of the door handle.

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

Convenience closing: touch recessed sensor surface 2 for an extended period.

Further information on convenience closing (→ page 74).

If you open the trunk lid from outside it is automatically unlocked.

Problems with KEYLESS-GO

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| You can no longer lock or unlock the vehicle using KEYLESS-GO. | Possible causes are:  
  - KEYLESS-GO has been deactivated.  
  - The SmartKey battery is discharged or nearly discharged.  
  - There is interference from a powerful radio signal source. |
### Problem Possible causes/consequences and Solutions

- The SmartKey is defective.
- Activate KEYLESS-GO.
- Check the battery using the battery check lamp and replace if necessary.
- Use the mechanical key to lock or unlock the vehicle.
- Have the vehicle and SmartKey checked at a qualified specialist workshop.

---

**Activating/deactivating the automatic locking feature**

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

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

There is a danger of being locked out if the function is activated:
- While the vehicle is being tow started/pushed.
- On a roller dynamometer.
Locking/unlocking the driver’s door with the mechanical key

1. If you wish to lock the vehicle entirely using the mechanical 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 mechanical key.

- Insert the mechanical key as far as it will go into opening 1 in the cover.
- Pull and hold the door handle.
- Pull the cover on the mechanical key as straight as possible away from the vehicle until it releases.
- Release the door handle.

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

Trunk

Opening the trunk lid

WARNING Risk of exhaust gas poisoning
Combustion engines emit poisonous exhaust gases such as carbon monoxide. Exhaust gases can enter the vehicle interior if the trunk lid is open when the engine is running, especially if the vehicle is in motion.

- Always switch off the engine before opening the trunk lid.
- Never drive with the trunk lid open.
NOTE Damage to the trunk lid by obstacles above the vehicle

The trunk lid swings upwards when it is opened.
Therefore, make sure that there is sufficient clearance above the trunk lid.

You have the following options to open the trunk lid:

- Pull trunk lid remote operating switch 1.
- Press and hold the button on the SmartKey.
- Pull the trunk lid handle.
- Vehicles with HANDS-FREE ACCESS: use your foot to kick below the bumper (→ page 69).

- Vehicles with trunk lid convenience closing feature: with the trunk lid stopped in an intermediate position, pull it upwards and release as soon as it begins to open. With the trunk lid opening limiter switched on, manually pull the stopped trunk lid upwards.

Vehicles with trunk lid convenience closing: if an object restricts the trunk lid during the automatic opening process, the obstacle detection stops the trunk lid. The obstacle detection function is only an aid and is not a substitute for your attentiveness.

Closing the trunk lid

WARNING Risk of injury from unsecured items in the vehicle

If objects, luggage or loads are not secured or not secured sufficiently, they could slip, tip over or be thrown around and thereby hit vehicle occupants.
There is a risk of injury, particularly in the event of sudden braking or a sudden change in direction.

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

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

Parts of the body could become trapped during automatic closing of the trunk lid. Moreover, people, e.g. children, may be standing in the closing area or may enter the closing area during the closing process.

- 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 SmartKey.

**Vehicles with HANDS-FREE ACCESS**: it is also possible to stop the closing process by moving your foot in a kicking motion under the rear bumper.

**You have the following options to close the trunk lid:**

- Pull the trunk lid down using the handle recess and push it closed.
- **Vehicles with HANDS-FREE ACCESS**: with the trunk lid completely opened, kick your foot below the bumper (→ page 69).
- **Vehicles with trunk lid convenience closing**: pull the trunk lid handle.
- **Vehicles with trunk lid convenience closing and KEYLESS-GO**: with the trunk lid completely opened, press and hold the button on the SmartKey (with the SmartKey in the vicinity of the vehicle).
Vehicles with trunk lid convenience closing: press closing button 1 in the trunk lid.

Vehicles with trunk lid convenience closing and KEYLESS-GO: press locking button 2 in the trunk lid.

If a SmartKey is detected outside the vehicle, the trunk lid closes and the vehicle is locked.

**Automatic reversing function of the trunk lid**

If an object restricts the trunk lid during the automatic closing process, the trunk lid opens again automatically. The automatic reversing function is only an aid and is not a substitute for your attentiveness.

- When closing, make sure that no body parts are in the closing area.

**WARNING Risk of becoming trapped despite the reversing function**

The reversing function does not react:
- to soft, light and thin objects, e.g. fingers.
- over the last 8 mm of the closing path.

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

- When closing, make sure that no body parts are in the closing area.
- If someone is trapped, use one of the following options:
  - Press the button on the SmartKey.
  - Press the remote operating switch on the driver’s door.
  - Press the closing or locking button on the trunk lid.
  - Pull the trunk lid handle.
HANDS-FREE ACCESS function

With HANDS-FREE ACCESS you can open, close or interrupt trunk lid movement 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 65) and closing (→ page 66) the trunk lid.

1️⃣ A warning tone sounds while the trunk lid is opening or closing.

⚠️ WARNING Risk of burns caused by a hot exhaust system

The vehicle exhaust system can become very hot. If you use HANDS-FREE ACCESS, you could burn yourself by touching the exhaust system.
- Always ensure that you only make a kicking movement within the detection range of the sensors.

1️⃣ NOTE Damage to the vehicle caused by unintentionally opening the trunk lid

- When using an automatic car wash
- When using a high pressure cleaner
- Deactivate KEYLESS-GO or make sure that the SmartKey located is at least 10 ft (3 m) away from the vehicle in such situations.

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

Requirements:
- The SmartKey is behind the vehicle.
- Stand at least 12 in (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.
Sensor detection range

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

System limitations

The system may be impaired or may not function if:

- Snow or dirt, e.g. from road salt, covers the sensor area.
- The kicking movement is made using a prosthetic leg.

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

- If a person’s arms or legs are moving in the sensor detection range, e.g. when polishing the vehicle, sitting on the edge of the trunk, or picking up objects.
- If objects are moved or placed behind the vehicle, e.g. charging cables, tensioning straps or luggage.
- When working on the trailer coupling, trailors or rear bicycle racks.

Deactivate KEYLESS-GO (→ page 58) or do not carry the SmartKey about your person in such situations.

Switching separate trunk locking on or off

If you centrally unlock the vehicle while separate locking is activated, the trunk remains locked.

To switch on: slide the switch to position 1.

To switch off: slide the switch to position 2.

If an accident has been detected, the trunk unlocks even if separate locking is switched on.
Unlocking the trunk with the emergency release from inside

Requirements
- The 12-V-vehicle battery is connected and charged.

Press emergency release button 1 briefly. The trunk lid unlocks and opens.

Activating/deactivating the trunk lid opening height restriction

Multimedia system:

Vehicle Settings >> Trunk Lid Restriction

This function allows you to avoid bumping the trunk lid on a low garage ceiling, for example.
- Activate ✔ or deactivate ☐ the function.

Roller sun blinds

Extending the rear side window roller sun blinds

NOTE Damage to the inertia reel due to it snapping back

If suddenly snapped back, the inertia reel may be damaged.
- Always move the roller sun blind by hand.

Do not drive with the roller sun blind hooked in and side windows opened at the same time.

Pull the roller sunblind out by tab 1 and hook it onto brackets 2 at the top of the window.
Extending/retracting the rear window roller sunblind

**WARNING** Risk of entrapment when extending or retracting the roller sun blind

Body parts could become entrapped in the sweep of the roller sun blind when it is being extended or retracted.

- Make sure that no body parts are in the sweep of the roller sun blind when it is being extended or retracted.
- If someone becomes trapped, briefly press the button again. The opening or closing process is briefly stopped. The roller sun blind then returns to its starting position.

**NOTE** Damage caused by objects

- Make sure that the roller sun blind can move freely.

Side windows

Opening and closing the side windows

**WARNING** Risk of entrapment when opening a side window

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

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

**WARNING** Risk of becoming trapped when closing a side window

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

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

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

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

- Activate the child safety lock for the rear side windows.
- When leaving the vehicle, always take the SmartKey with you and lock the vehicle.
- Never leave children unattended in the vehicle.

**Requirements**

- The power supply or the ignition is switched on.

**Note:** The button on the driver’s door takes 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, the side window can continue being operated. The function is available for around five minutes or until a front door is opened.

**Automatic reversing function of the side windows**

If an object blocks a side window during the closing process, the side window opens again automatically. The automatic reversing function is only an aid and is not a substitute for your attentiveness.

- When closing, 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. small fingers
during resetting
This means that the reverse function cannot prevent someone from becoming trapped in these situations.
- When closing, make sure that no body parts are in the closing area.
- If someone becomes trapped, press the button to open the side window again.

Convenience opening (ventilating the vehicle before starting a journey)

**WARNING** Risk of entrapment when opening a side window
When opening a side window, parts of the body could be drawn in or become trapped between the side window and window frame.
- When opening, make sure that nobody is touching the side window.
- Release the button immediately if somebody becomes trapped.

Press and hold the button on the SmartKey.
The following functions are performed:
- The vehicle is unlocked.
- The side windows are opened.
- The sliding sunroof is opened.
- The panoramic sliding sunroof is opened.
- The seat ventilation of the driver's seat is switched on.

If the roller sunblinds of the panoramic sliding sunroof are closed, the roller sunblinds are opened first.

To continue convenience opening: press the button again.
To interrupt convenience opening: release the button.

Convenience closing (closing the vehicle from outside)

**WARNING** Risk of entrapment caused by inadvertent 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.
- Observe the complete closing procedure when using convenience closing.
- When closing, make sure that no body parts are in the closing area.

Press and hold the button on the SmartKey.
The following functions are performed:
- The vehicle is locked.
- The side windows are closed.
- The sliding sunroof is closed.
- The panoramic sliding sunroof is closed.
To close the roller sunblinds: press the button again.

To interrupt convenience closing: release the button.

Convenience closing can also be operated with KEYLESS-GO (→ page 62).

Problems with the side windows

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>A side window cannot be closed and you cannot see the cause.</td>
<td>▶ Check to see if any objects are in the window guide.</td>
</tr>
<tr>
<td></td>
<td>▶ WARNING Risk of becoming trapped or fatally injured if reversing protection is not activated</td>
</tr>
<tr>
<td></td>
<td>If you close a side window again immediately after it has been blocked or reset, the side window closes with increased or maximum force. The reversing feature is then not active.</td>
</tr>
<tr>
<td></td>
<td>Parts of the body could become trapped in the closing area in the process.</td>
</tr>
<tr>
<td></td>
<td>▶ Make sure that no parts of the body are in the closing area.</td>
</tr>
<tr>
<td></td>
<td>▶ To stop the closing process, release the button or press the button again to reopen the side window.</td>
</tr>
<tr>
<td>If a side window is obstructed during closing and reopens again slightly:</td>
<td>▶ Immediately after the window blocks, pull the corresponding button again until the side window has closed, and hold the button for an additional second.</td>
</tr>
<tr>
<td></td>
<td>The side window is closed with increased force.</td>
</tr>
<tr>
<td>If a side window is obstructed again during closing and reopens again slightly:</td>
<td>▶</td>
</tr>
</tbody>
</table>
## Opening and closing

### Sliding sunroof

#### Opening and closing the sliding sunroof

The term "sliding sunroof" also refers to the panoramic sliding sunroof.

**WARNING** Risk of becoming trapped while opening and closing the sliding sunroof

During opening and closing, parts of the body could get caught in the sweep of the sliding sunroof.

- When opening or closing, make sure that no body parts are in the sweep.

---

### Problem Possible causes/consequences and Solutions

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| The side windows cannot be opened or closed using the convenience opening feature. | The SmartKey battery is discharged or nearly discharged.  
- Check the battery using the battery check lamp and replace if necessary. |
| Repeat the previous step.  
The side window is closed without the automatic reversing function. |  
- Never leave children unattended in the vehicle.  
- When leaving the vehicle, always take the key with you and lock the vehicle. |
| ▶ Release the button immediately if somebody becomes trapped.  
or  
▶ Press the button in any direction during the automatic opening/closing process. The opening/closing process is stopped. |  
- 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 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.  
- Never leave children unattended in the vehicle.  
- When leaving the vehicle, always take the key with you and lock the vehicle. |

---

When opening or closing, make sure that no body parts become trapped between the roller sun blind and frame or the sliding sunroof.
When opening or closing, make sure that no body parts are in the sweep of the roller sun blind.
Release the button immediately if somebody becomes trapped.
Press the button in any direction during the automatic opening/closing process. The opening/closing process is stopped.

**NOTE** Malfunction caused by snow and ice
Snow and ice may lead to a malfunction of the sliding sunroof.
Only open the sliding sunroof if it is free of snow and ice.

**NOTE** Damage caused by protruding objects
Objects that protrude from the sliding sunroof may damage the sealing strips.

Do not allow anything to protrude from the sliding sunroof.

To raise
To open
To close/lower
Use the button to operate the panoramic sliding sunroof and the roller sunblind.

- The panoramic sliding sunroof can be opened only when the roller sunblind is open.
- The roller sunblind can be operated only when the panoramic sliding sunroof is closed.

- **To start automatic operation:** press the button beyond the pressure point or pull and release it.
- **To interrupt automatic operation:** briefly press the button in any direction. The opening/closing process is stopped.

**Vehicles with a panoramic sliding sunroof:** The automatic raising feature is available only when the sliding sunroof is closed or raised.

**Vehicles without a panoramic sliding sunroof:** The automatic opening and raising feature is available only when the sliding sunroof is closed.

**Automatic reversing function of the sliding sunroof**
If there is an object obstructing the sliding sunroof during the closing process, the sliding sun-
roof opens again automatically. The automatic reverse function is only an aid and is not a substitute for your attentiveness.

- When closing, make sure that no body parts are in the closing area.

⚠️ **WARNING** Risk of entrapment even with the reversing feature active

The reverse function does not react in particular:
- to soft, light and thin objects, e.g. small fingers
- over the last ¼ in (4 mm) of the closing path
- during resetting

This means that the reverse function cannot prevent someone from becoming trapped in these situations.

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

#### Automatic reversing function of the roller sunblind

If there is an object obstructing the roller sunblind during the closing process, the roller sunblind opens again automatically. The automatic reverse 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 range 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. small fingers.

This means that the reverse function cannot prevent entrapment in these situations.

- 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.

- Press the button in any direction during the automatic closing process. The closing process is stopped.

#### Automatic features of the sliding sunroof

1. The term "sliding sunroof" also refers to the panoramic sliding sunroof.

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

#### Rain closing function when driving

**Vehicles with a panoramic sliding sunroof:** If it starts to rain, the raised sliding sunroof is automatically lowered while the vehicle is in motion.
Automatic lowering feature

Vehicles with a panoramic sliding sunroof: If the sliding sunroof is raised at the rear, the sliding sunroof is automatically lowered slightly at higher speeds. At low speeds, it is raised again automatically.

**WARNING** Risk of entrapment by automatic lowering of the sliding sunroof

At high speeds the raised sliding sunroof automatically lowers slightly at the rear.

This could trap you or other persons.

- Make sure that nobody reaches into the sweep of the sliding sunroof whilst the vehicle is in motion.
- If somebody becomes trapped, briefly push the sliding sunroof button forwards or backwards.
  The sliding sunroof lifts during opening.

Problem Possible causes/consequences and **Solutions**

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

**WARNING** Risk of becoming trapped or fatal injury by closing the sliding sunroof again

If you close the sliding sunroof again immediately after it has been blocked or reset, the sliding sunroof closes with increased force.

Parts of the body could become trapped in the closing area in the process.

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

Problems with the sliding sunroof

- The term "sliding sunroof" also refers to the panoramic sliding sunroof.
<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press the button in any direction during the automatic closing process. The closing process is stopped.</td>
<td></td>
</tr>
</tbody>
</table>

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 pressure point until the sliding sunroof is closed.
  The sliding sunroof is closed with increased force.

If the sliding sunroof is obstructed again and reopens again slightly:
- Repeat the previous step.
  The sliding sunroof is closed again with increased force.

**Vehicles without a panoramic sliding sunroof:** The sliding sunroof does not operate smoothly.
- Pull the button up repeatedly to the pressure point until the sliding sunroof is fully open.
- Press the button for another second.
- Close the sliding sunroof.

**Vehicles with a panoramic sliding sunroof:** The sliding sunroof or the roller sunblind does not operate smoothly.
- 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 immobilizer

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

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

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

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

ATA (anti-theft alarm system)

Function of the ATA system

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

- When a door is opened
- When the trunk lid is opened
- When the hood is opened

The ATA system is armed automatically after approximately 10 seconds:

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

Indicator lamp 1 flashes when the ATA system is activated.

The ATA system is automatically deactivated:

- After unlocking the vehicle with the Smart-Key
- After pressing the start/stop button with the SmartKey in the stowage compartment (→ page 136)
82 Opening and closing

- After unlocking the vehicle using KEYLESS-GO.

When the mb service (→ page 287) is active and the alarm stays on for more than 30 seconds, a message is automatically sent to the Customer Assistance Center.

Deactivating the ATA

Press the $\text{\textcopyright}$, $\text{\textregistered}$ or $\text{\textcopyright}$ button on the SmartKey.

or

Press the start/stop button with the Smart-Key in the stowage compartment (→ page 136)

Deactivating the alarm using KEYLESS-GO:

Grasp the outside door handle with the SmartKey outside the vehicle.
Notes on the correct driver’s seat position

**WARNING** Risk of injury from adjusting the vehicle settings while the vehicle is in motion

You could lose control of the vehicle in the following situations:
- 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 engine: adjust the driver’s seat, the head restraint, the steering wheel or the mirror and fasten your seat belt.

Ensure the following when adjusting the steering wheel 1, seat belt 2 and driver’s seat 3:
- you are as far away from the driver’s air bag as possible
- you are sitting in a normal upright position
- your thighs are slightly supported by the seat cushion

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

Adjusting the front seat mechanically and electrically (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 SmartKey with you and lock the vehicle.
- Never leave children unattended in the vehicle.

The seats can be adjusted when the ignition is switched off.

⚠ WARNING Risk of becoming trapped when adjusting the seats

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 "Air bags" and "Children in the vehicle".

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

If the driver's seat is not engaged, it could move unexpectedly while the vehicle is in motion.
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 injury from adjusting the vehicle settings while the vehicle is in motion

You could lose control of the vehicle in the following situations:
- 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 engine: adjust the driver's seat, the head restraint, the steering wheel or the mirror and fasten your seat belt.

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

If you adjust the seat height carelessly, you or other vehicle occupants could be trapped and thereby injured.
Children in particular could accidentally press the electrical seat adjustment buttons and become trapped.

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

**WARNING** Risk of injury due to head restraints which are not installed or are adjusted incorrectly

If head restraints are not installed or are adjusted incorrectly, the head restraints cannot provide protection as intended.

There is an increased risk of injury in the head and neck area, e.g. in the event of an accident or when braking.

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

Do not interchange the head restraints of the front and rear seats. Otherwise, you cannot 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 does not offer the intended level of protection if you have not moved the seat backrest to an almost vertical position.

When braking or in the event of an accident, you could slide underneath the seat belt and sustain abdominal or neck injuries, for example.

- 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 center of your shoulder.

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

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

- When moving the seats back, make sure that there are no objects in the footwell or under or behind the seats.
Adjusting the front seat manually and electrically (with Seat Comfort Package)

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

To adjust the seat fore-and-aft position:
- Lift lever 4 and slide the seat into the desired position.
- Make sure that the seat is engaged.

To adjust the seat cushion length:
- Lift lever 5 and slide the front section of the seat cushion forwards or backwards.
Adjusting the front seat electrically

1. Head restraint height
2. Seat backrest inclination
3. Seat height
4. Seat cushion length
5. Seat cushion inclination
6. Seat fore-and-aft adjustment

▲ Save the settings with the memory function (→ page 96).

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

Requirements:
- The power supply is switched on.
- This function is only available on vehicles with an electrically adjustable front passenger seat.

You can call up the following functions for the front passenger seat:
- Seat adjustment
- Seat heating
- Seat ventilation
- Memory function
To select the front passenger seat: press button 1. When the indicator lamp lights up, the front passenger seat is selected.

Adjust the front passenger seat using the buttons in the door control panel on the driver’s side.

Adjusting the 4-way lumbar support

1. To raise
2. To soften
3. To lower
4. To harden

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

Head restraints

Adjusting the front seat head restraints manually

⚠️ WARNING Risk of injury from adjusting the vehicle settings while the vehicle is in motion

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

- 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 engine: adjust the driver's seat, the head restraint, the steering wheel or the mirror and fasten your seat belt.
WARNING Risk of injury due to head restraints which are not installed or are adjusted incorrectly

If head restraints are not installed or are adjusted incorrectly, the head restraints cannot provide protection as intended.

There is an increased risk of injury in the head and neck area, e.g. in the event of an accident or when braking.

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

Do not interchange the head restraints of the front and rear seats. Otherwise, you cannot 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 forwards: pull the head restraint forwards.
To move backwards: press release knob 2 and push the head restraint backwards.

To adjust the side bolsters of the head restraint: pull or push right or left-hand side bolster 2.
To move forwards: pull the head restraint forwards.
To move backwards: press release knob 1 and push the head restraint backwards.

Adjusting the head restraints of the rear seats mechanically

- 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.

Installing/removing the rear seat head restraints

Removing
The head restraints can only be removed on vehicles with folding rear seat backrests.

- 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.

Installing
- 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 you hear it engage in position.
- Fold the rear seat backrest back until it engages.

Configuring seat settings

Multimedia system:

- Select 'ULYHU V 6HDW' or '3DVVHQJHU 6HDW'.

Adjusting the backrest side bolsters

- Select Side Bolsters.
- Select the setting.
Adjusting the seat contour in the lumbar region of the seat backrest

- Select Lumbar.
- Adjust the air cushion.

Memory function

- Save the seat settings with the memory function (→ page 96).

Setting automatic adjustment of the lateral support (active multicontour seat)

Multimedia system:

Vehicle  Seats

With this function, the lateral support of the active multicontour seat is automatically adjusted to the driving and cornering dynamics of the vehicle.

- Select Driver’s Seat or Passenger Seat.
- Select Dynamic Seat.
- Select setting: Off, Level 1 or Level 2.

Overview of massage and workout programs

Massage programs
The following programs can be selected:
- Hot Relaxing Back
- Hot Relaxing Shoulder
- Activating Massage
- Classic Massage
- Wave Massage
- Mobilizing Massage

Active Workout
The Act. Workout Back and Act. Workout Cushion programs require your active cooperation. Tensing and releasing also helps to improve blood flow to your muscles. Press against a pressure point as soon as you feel it.

Selecting the massage program for the front seats

Multimedia system:

Vehicle  Seats

- Select Driver’s Seat or Passenger.
- Select Massage.
- Select a massage program.
The massage program runs for approximately 9 to 15 minutes, depending on the setting.
- To set the massage intensity: switch High Intensity on or off.

Resetting seat and massage settings

Multimedia system:

Vehicle  Seats  Reset

- Select Yes or No.

Depending on whether the settings for the driver or front passenger seat are selected, only the selected seat can be reset.
Switching the seat heating on/off

**WARNING** Risk of burns due to repeatedly switching on the seat heater

Repeatedly switching on the seat heater can cause the seat cushion and seat backrest padding to become very hot. The health of persons with limited temperature sensitivity or a limited ability to react to excessively high temperatures may be affected or they may even suffer burn-like injuries. Do not repeatedly switch on the seat heater.

**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 can 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.

To switch on/increase the level: press button 1 repeatedly until the desired heating level is set. Depending on the heating level, up to three indicator lamps light up.
To switch off/reduce the level: press button 1 repeatedly until the desired heating level is set.
If all indicator lamps are off, the seat heating is switched off.

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

Switching the seat ventilation on/off

Requirements:
- The power supply is switched on.

To switch on/increase the level: press button 1 repeatedly until the desired ventilation level is set.
Depending on the ventilation level, up to three indicator lamps light up.

To switch off/reduce the level: press button 1 repeatedly until the desired ventilation level is set.
If all indicator lamps are off, the seat ventilation is switched off.

Steering wheel

Adjusting the steering wheel manually

WARNING Risk of injury from adjusting the vehicle settings while the vehicle is in motion

You could lose control of the vehicle in the following situations:
- 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 engine: adjust the driver’s seat, the head restraint, the
steering wheel or the 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 SmartKey with you and lock the vehicle.

1. Push release lever down as far as it will go. The steering column is unlocked.
2. Adjust height and distance to the steering wheel.
3. Push release lever up as far as it will go. The steering column is locked.
4. Check and make sure that the steering column is locked by moving the steering wheel.

**Adjusting the steering wheel electrically**

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

1. Adjusts the distance to the steering wheel
2. Adjusts the height

Save the settings with the memory function (→ page 96).
Switching the steering wheel heater on/off

Requirements
- The power supply or the ignition is switched on.

To switch on/off: turn the lever in the direction of arrow 1 or 2. If indicator lamp 3 lights up, the steering wheel heater is switched on.

Easy entry and exit feature

Function of the easy entry and exit feature

**WARNING** Risk of accident when driving off while adjusting the easy exit feature

- If you drive off while the easy entry and exit feature is making adjustments, you could lose control of the vehicle.
- Always wait until the adjustment process is complete before driving off.

**WARNING** Risk of entrapment when adjusting the easy entry and exit feature

- When the easy entry and exit feature adjusts the steering wheel, you and other vehicle occupants – particularly children – could become trapped.
- While the easy entry and exit feature is making adjustments, make sure that no one has any body parts in the sweep of the steering wheel.

Move the adjustment lever of the steering wheel if there is a risk of becoming trapped by the steering wheel. The adjustment process is stopped.

Never leave children unattended in the vehicle.

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

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

If the easy entry and exit feature is active, the steering wheel will move upwards in the following situations:
- You switch the ignition off.
- You open the driver’s door when the ignition is switched on.

The steering wheel moves back to the last drive position in the following cases:
- You switch the ignition on when the driver’s door is closed.
You close the driver’s door when the ignition is switched on.

The last drive position of the steering wheel is stored in the following situations:

- You switch the ignition off.
- **Vehicles with memory function**: save the seat settings via the memory function.

**Vehicles with memory function**: press one of the memory function saved position buttons to stop the adjustment process.

**Setting the easy entry and exit feature**

Multimedia system:

- Vehicle ➤ Vehicle Settings ➤ Easy Entry/Exit
- Select **Steering Wheel Only** or **Off**.

**Using the memory function**

**WARNING** Risk of an accident if 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 setting the seat with the memory function

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

- During the setting procedure of the memory function, ensure that no body parts are in the sweep of the seat or the steering wheel.

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

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

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

The memory function can be used when the ignition is switched off.

**Storing**

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

The following systems can be selected:

- Seat, backrest and head restraint
- Steering wheel
- Outside mirrors
- Head-up Display

Set the seat, the steering wheel, the head-up display and the outside mirror to the desired position.

Press memory button M together with one of the memory position switches 1, 2 or 3. An acoustic signal sounds. The settings are stored.

To call up: press and hold the relevant preset position button 1, 2 or 3 until the front seat, the steering wheel, Head-up Display and outside mirror is in the stored position.

Stowage areas

Notes on loading the vehicle

WARNING Risk of exhaust gas poisoning
Combustion engines emit poisonous exhaust gases such as carbon monoxide. Exhaust gases can enter the vehicle interior if the trunk lid is open when the engine is running, especially if the vehicle is in motion.

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

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 from incorrectly stowed objects
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 sudden braking or a sudden change
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 trunk.

**WARNING** Risk of burns from tailpipes and tailpipe trim

The tailpipe and tailpipe trim 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 trim.

Allow the vehicle parts to cool down before you touch them.

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

- never exceed the permissible gross mass or the permissible axle loads for the vehicle (including occupants). The values are specified on the vehicle identification plate on the vehicle’s B-pillar.
- the load must not protrude above the upper edge of the seat backrests.
- always place the load behind unoccupied seats if possible.
- secure the load using the tie-down eyes and distribute the load evenly.

---

**Stowage spaces in the vehicle interior**

**Overview of the front stowage compartments**

1. Stowage compartment in the doors
2. Stowage/telephone compartment in the armrest with multimedia connections and stowage compartment, e.g. for an MP3 player
3. Stowage compartment in the front center console with a USB port (depending on the vehicle’s equipment)
4. Glove box
**Locking or unlocking the glove box**

- Turn the mechanical key a quarter turn clockwise [2] (to lock) or counter-clockwise [1] (to unlock).

**Opening the spectacles compartment**

- Press button [1].

**Opening the stowage compartment in the rear armrest**

- Press release catch [1] and swing the cover of the armrest upwards.
Rear bench seat through-loading feature

Folding the rear seat backrests forward

**WARNING** Risk of injury if the rear bench seat/rear seat and seat backrest are not engaged

If the rear bench seat/rear seat and seat backrest are not engaged they could fold forwards, e.g. when braking suddenly or in the event of an accident.

- If this is the case, the vehicle occupant would be forced into the seat belt by the rear bench seat/rear seat or by the seat backrest. The seat belt cannot protect as intended and could result in additional injury.
- Objects or loads in the trunk cannot be restrained by the seat backrest.

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

**Requirements**

- The rear seat backrest head restraints are fully inserted.
- The center seat backrest has been unlocked.

If the seat backrest is not engaged and locked, this will be shown on the multifunction display on the instrument cluster.

The center and outer seat backrests can be folded forwards separately.

**Left and right seat backrest:** pull release lever 1.
Folding the rear seat backrest back

1. **NOTE** Damage to the seat belt
   The seat belt could become trapped and thus damaged when folding back the seat backrest.
   - 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.

**Center seat backrest:** pull release catch 3 of seat backrest forwards.
Fold the corresponding seat backrest forwards.

**Left and right seat backrests:** if the seat backrest is not engaged and locked, this will be shown on the multifunction display on the instrument cluster.

**Center seat backrest:** if the seat backrest is not engaged and locked, red lock verification indicator 2 will be visible.
Blocking the release catch of the center rear seat backrest

Requirements
- The left and center seat backrest are engaged and joined together.

Lock the center seat backrest release catch if you want to secure the trunk from unauthorized access. The center seat backrest can then only be folded forwards together with the left seat backrest.

- Fold the center and left seat backrest forwards.
- **To lock**: slide catch 1 upwards. The release mechanism of the center seat backrest is locked.
- **To unlock**: slide catch 1 downwards.

Overview of the tie-down eyes
Observe the notes on loading the vehicle (→ page 97).

1 Tie-down eyes (vehicles with through-loading feature in the rear bench seat)
Hooking the luggage net

**WARNING** Risk of injury from incorrectly stowed objects

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 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 trunk.

Observe the notes on loading the vehicle.

- **Vehicles with through-loading feature in the rear bench seat:** Fold up the tie-down eye.
  - Hook the luggage net into the front and rear tie-down eyes.
- **Vehicles without a through-loading feature in the rear bench seat:** Hook the rings into luggage net’s hooks.

**Opening the stowage space under the trunk floor**

<table>
<thead>
<tr>
<th>NOTE</th>
<th>Damage to the handle in the trunk floor</th>
</tr>
</thead>
<tbody>
<tr>
<td>If the handle in the trunk is left protruding, the handle may be damaged.</td>
<td></td>
</tr>
<tr>
<td>Unhinge the handle before you close the trunk lid and press the handle closed again.</td>
<td></td>
</tr>
</tbody>
</table>
Attaching the roof rack

**WARNING** Risk of injury by exceeding the maximum roof load

When you load the roof, the vehicle center of gravity rises and the driving characteristics change.

If you exceed the maximum roof load, the driving characteristics, as well as the 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** Vehicle damage from non-approved roof racks

The vehicle could be damaged by roof racks which have not been tested and approved by Mercedes-Benz.

Only use roof racks tested and approved by Mercedes-Benz.

Depending on the vehicle equipment, ensure that when the roof rack is installed:

- The sliding sunroof can be fully raised.
- The trunk lid can be fully opened.
- Position the load on the roof rack in such a way that the vehicle will not sustain damage even when it is in motion.

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

The panoramic sliding sunroof may be damaged by the roof rack if you attempt to open it when the roof rack is fitted.

Do not open the panoramic sliding sunroof if a roof rack is fitted.

In order to allow ventilation of the vehicle interior, you can raise the panoramic sliding sunroof.
NOTE Damage to the covers

The covers may be damaged and scratched when being opened.

- Do not use metallic or hard objects.
- Fold covers carefully upwards in the direction of the arrow.

- Secure the roof rack to the anchorage points under covers 1.
- Comply with the roof rack manufacturer's installation instructions.
- Secure the load on the roof rack.

Cup holder

Installing the cup holder in or removing it from the center console (automatic transmission)

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

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

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

- Only use the cup holder when the vehicle is stationary.
- Only use the cup holder for containers of the right size.
- Close the container, particularly if the liquid is hot.
To remove: slide catch 2 forwards and pull out cup holder 1.

To install: insert cup holder 1 and slide back catch 2.

The cup holder rubber mat can be removed for cleaning, e.g. using clean, lukewarm water.

Opening the cup holder in the rear armrest

NOTE Damage to the cup holder

When the rear armrest is folded back the cup holder could become damaged.

Only fold the rear armrest back when the cup holder is closed.

Press cup holder 1 or 2.

Place a container in or remove a container from cup holder 1 or 2.

Ashtray and cigarette lighter

Using the ashtray in the front center console

NOTE Damage to the stowage compartment under the ashtray

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

Make sure that the ashtray is fully engaged.

To open: push up the cover 2 of the ashtray on its right or left side.
To remove the insert: press insert 1 upwards slightly and pull it out upwards.

To refit the insert: press insert 1 into the holder until it engages.

Using the rear ashtray

To open: pull cover 2 out by its top handle edge.

To remove the insert: push ribbing 3 from the left side and pull insert 1 upwards and out.

To install the insert: install insert 1 from above and press down into the holder until it engages.

Using the cigarette lighter

WARNING - Risk of fire and injury from hot cigarette lighter

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

In addition, flammable materials may ignite if:

- you drop the hot cigarette lighter
- a child holds the hot cigarette lighter to objects, for example

Always hold the cigarette lighter by the knob.
Always make sure that the cigarette lighter is out of reach of children.
Never leave children unattended in the vehicle.

Requirements:
- the ignition is switched on.

Press in cigarette lighter 1.
The cigarette lighter will pop out automatically when the heating element is red-hot.

Sockets
12 V socket in the front center console

Requirements
- Only connect devices up to a maximum of 180 watts (15 A).
Lift up cap 1 of the socket and insert the plug of the device.

If you have connected a device to the 12 V socket, leave the cover of the stowage compartment open.

**Using the 12 V socket in the rear passenger compartment**

**Requirements**
- Only connect devices up to a maximum of 180 watts (15 A).

Briefly press the trim element of cover 2.

Lift up cap 1 of the socket and insert the plug of the device.

**Using the 12 V socket in the front passenger footwell**

**Requirements**
- Only connect devices up to a maximum of 180 watts (15 A).

Lift up socket cap 1.
Using the 115 V socket in the rear passenger compartment

⚠️ DANGER Risk of fatal injury due to damaged connecting cables or sockets

If a suitable device is connected, the 115 V socket will be carrying a high voltage. If the connecting cable or the 115 V socket is pulled out of the trim or is damaged or wet, you could receive an electric shock.

- Only use dry and damage-free connecting cables.
- When the ignition is switched off, ensure that the 115 V socket is dry.
- If the 115 V socket is damaged or gets pulled out of the paneling, immediately have the socket checked or replaced at a qualified specialized workshop.
- Never plug the connecting cable into a 115 V socket that is damaged or has been pulled out of the trim.

⚠️ DANGER Risk of fatal injury due to incorrect handling of the socket

You could receive an electric shock:
- if you reach into the socket.
- if you insert unsuitable devices or objects into the socket.

- Only connect suitable devices to the socket.

Requirements

- Only connect devices with a suitable plug which conforms to the standards specific to the country you are in.
- Only connect devices up to a maximum of 150 watts.
- Do not use multiple socket outlets.

Open 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.
Using the 12 V socket in the trunk

Requirements
- Only connect devices up to a maximum of 180 watts (15 A).

Lift up cap 1 of the socket and insert the plug of the device.

USB port in the rear passenger compartment

You can charge a USB device, e.g. a mobile phone, at USB ports 1 using a suitable charging cable. The devices can be charged with 5 V (2.1 A) and when the ignition is switched on.

Wireless charging of the mobile phone and connection with the exterior antenna

Notes on wireless charging of the mobile phone

⚠️ WARNING Risk of injury from incorrectly stowed objects

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 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 trunk.

Observe the notes on loading the vehicle.

**WARNING** Risk of fire from placing objects in the mobile phone stowage compartment

If you place objects in the mobile phone stowage compartment, they may heat up excessively and even catch fire.
Do not place additional objects, especially those made of metal, in the mobile phone stowage compartment.

**NOTE** Damage to objects caused by placing them in the mobile phone stowage compartment

If you place objects in the mobile phone stowage compartment, these may be damaged by electromagnetic fields.
Do not place credit cards, storage media 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.

- Depending on the vehicle equipment, the mobile phone is connected to the vehicle’s exterior antenna via the charging module.
- The charging function and wireless connection of the mobile phone to the vehicle’s exterior antenna are only available if the ignition 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 antenna.
- The mobile phone may heat up during the charging process. This depends on the applications (apps) currently running.

The mobile phone can be cooled in the mobile phone stowage compartment when the air conditioning system is switched on. The cooling output in the mobile phone stowage compartment is highest when the controller in the glove box is closed.

To ensure more efficient charging and connection with the vehicle’s exterior antenna, remove the protective cover from the mobile
Phone. Protective covers which are designed for wireless charging are excluded.
- When charging, the mat should be used if possible.

Wireless charging of the mobile phone in the front

Requirements
- The mobile phone is suitable for wireless charging (Qi-compatible mobile phone).

A list of Qi-compatible mobile phones can be found at: http://www.mercedes-benz.com/connect.

- Place the mobile phone as close to the center of mat 1 as possible with the display facing upwards.
  When the charging symbol is shown in the multimedia system, the mobile phone is being charged.
  Malfunctions during the charging process are shown in the multimedia system display.
- The mat can be removed for cleaning, e.g. using clean, lukewarm water.

Installing or removing the floor mats

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

Objects in the driver's footwell may impede pedal travel or block a depressed pedal.
This jeopardizes the operating and road safety of the vehicle.
- Stow all objects in the vehicle securely so that they cannot get into the driver's footwell.

Always install the floor mats securely and as prescribed in order to ensure that there is always sufficient room for the pedals.
- Do not use loose floor mats and do not place floor mats on top of one another.

To install: press stud 1 into holder 2.
To remove: pull the floor mat off the holders 2.
Exterior lighting

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  Parking lights and license plate lighting
4  Automatic driving lights (preferred light switch position)
5  Low beam/high beam
6  Switches the rear fog light on or off

When low beam is activated, the indicator lamp for the parking lights is deactivated and replaced by the indicator lamp for the low beam.

- Always park your vehicle safely and in a well-lit area, in accordance with the relevant legal stipulations.

NOTE Battery discharging by operating the standing lights

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

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

In the case of severe battery discharging, the parking lights or standing lights are automatically switched off to facilitate the next engine start.
The exterior lighting (except parking and standing lights) switches off automatically when the driver’s door is opened.

- Observe the notes on surround lighting (→ page 118).

**Automatic driving lights function**

The parking lights, low beam and daytime running lights are switched on automatically depending on the ignition status, whether the engine is running and the light conditions.

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

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

- In such cases, turn the light switch to **SD**.

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

**Activating/deactivating the rear fog light**

**Requirements**

- The light switch is in the **SD** or **AUTO** position.

- Press the **08** button.

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

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<table>
<thead>
<tr>
<th>1</th>
<th>High-beam headlamps</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Turn signal light, right</td>
</tr>
<tr>
<td>3</td>
<td>High-beam flasher</td>
</tr>
<tr>
<td>4</td>
<td>Turn signal light, left</td>
</tr>
</tbody>
</table>

Use the combination switch to activate the function in question.
High-beam headlamps

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

Headlamp flasher:

- Pull the combination switch in the direction of arrow 2.

Turn signals

- **To indicate briefly:** press the combination switch briefly up to the pressure point in the direction of arrow 2 or 4. The corresponding turn signal light flashes three times.
- **To indicate permanently:** press the combination switch beyond the pressure point in the direction of arrow 2 or 4.

Activating/deactivating the hazard warning light

- Press button 1.

Cornering light

**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. It can be activated only when the low beam is switched on.

The function is active:
- At speeds below 25 mph (40 km/h) when the turn signal light is switched on or the steering wheel is turned.
At speeds between 25 mph (40 km/h) and 45 mph (70 km/h) when the steering wheel is turned.

Traffic circle and intersection function: the cornering light is activated on both sides through an evaluation of the current GPS position of the vehicle. It remains active until after the vehicle has left the traffic circle or the intersection.

Adaptive Highbeam Assist

Function of Adaptive Highbeam Assist

**WARNING** Risk of accident despite Adaptive Highbeam Assist

Adaptive Highbeam Assist does not recognize the following road users:
- Road users without lights, e.g. pedestrians
- Road users with poor lighting, e.g. cyclists
- Road users whose lighting is obstructed, e.g. by a barrier

On very rare occasions, Adaptive Highbeam Assist may fail to recognize other road users with their own lighting, or may recognize them too late.
In these or similar situations, the automatic high beam is not deactivated or is activated despite the presence of other road users.
- Always observe the traffic carefully and switch off the high beam in good time.

System limitations

Adaptive Highbeam Assist cannot take into account road, weather or traffic conditions. Detection may be restricted if:
- Visibility is impaired, for example in fog, heavy rain or snow.
- 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 switches automatically between:
- Low beam
- High beam

At speeds above 19 mph (30 km/h):
- If no other road users are detected, high beam is automatically switched on.
High beam switches off automatically:
- At speeds below 16 mph (25 km/h).
- If other road users are detected.
- If street lighting is sufficient.

At speeds above approx. 31 mph (50 km/h):
- The headlamp range of low beam is regulated automatically based on the distance to other road users.

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

**Switching Adaptive Highbeam Assist on/off**
- **To switch on:** turn the light switch to the `auto` position.
- **Switch on the high beam using the combination switch.**
  When the high beam is switched on automatically in the dark, the indicator lamp in the multifunction display comes on.
- **To switch off:** switch off the high beam using the combination switch.

**Switching the daytime running lights on/off**

Multimedia system:
- Vehicle ➤ Light Settings ➤ Daytime Run. Lights
  - Activate or deactivate the function.

**Setting the exterior lighting switch-off delay time**

Multimedia system:
- Vehicle ➤ Light Settings ➤ Ext. Light Del. Sw. off
  - Set the switch-off delay time.

**Setting the surround lighting**

Multimedia system:
- Vehicle ➤ Light Settings ➤ Locator Lighting
  - Switch the function on or off.

If the surround lighting is switched on, the exterior lighting remains lit for 40 seconds after the vehicle is unlocked. When you start the vehicle, the surround lighting is switched off and automatic driving lights are activated.

**Interior lighting**

**Adjusting the interior lighting**

**Front overhead control panel**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Front left reading lamp</td>
</tr>
<tr>
<td>2</td>
<td>Automatic interior lighting control</td>
</tr>
<tr>
<td>3</td>
<td>Front interior lighting</td>
</tr>
<tr>
<td>4</td>
<td>Rear interior lighting</td>
</tr>
<tr>
<td>5</td>
<td>Front right reading lamp</td>
</tr>
</tbody>
</table>
To switch on or off: press button 1 - 5.

Control panel in the grab handle

Rear reading lamp

To switch on or off: press button 1.

Adjusting the ambient lighting

Multimedia system:

Vehicle ➤ Light Settings ➤ Ambient Light

Setting the color

Select Color.

Set a color.

Adjusting the brightness

Select Brightness.

Set a brightness value.

Activating the brightness for zones

Select Brightness Zones.

Activate ✓ or deactivate □ the function. The Display, Front and Rear zones can be set separately.

Setting brightness zones is not available for the Rear Seat Entertainment System.

Activating multi-colored lighting

Select Multi-color.

Activate ✓ or deactivate □ the function. There are ten preset color combinations available.

Activating multi-colored animation

Select Multi-color Animation.

Activate ✓ or deactivate □ the function. The chosen color combination changes in a predefined rhythm.

Activating climate-dependent lighting

Select Climate.

Activate ✓ or deactivate □ the function. The color of the ambient lighting adapts to suit the air conditioning setting.

Activating welcome lighting

Select Welcome.

Activate ✓ or deactivate □ the function. When the vehicle is unlocked, a special interior lighting sequence runs.

Setting the interior lighting switch-off delay time

Multimedia system:

Vehicle ➤ Light Settings ➤ Int. Light Switch Off

Set the switch-off delay time.
Windshield wiper and windshield washer system

Switching the windshield wipers on/off

1. Windshield wipers off
2. Intermittent wiping, normal
3. Intermittent wiping, frequent
4. Continuous wiping, slow
5. Continuous wiping, fast

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

Moving the wiper arms to a vertical position

- Set the windshield wipers to the slow continuous wiping position on the combination switch.
- As soon as the wiper arms are vertical relative to the hood, switch off the ignition.

Removing the wiper blades

- Fold the wiper arms away from the windshield.

**Changing the windshield wiper blades**

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

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

- Always switch off the windshield wipers and the ignition before changing the wiper blades.
Hold the wiper arm with one hand. With the other hand, turn the wiper blade in the direction of arrow 1 away from the wiper arm to the stop.

- Slide catch 2 in the direction of arrow 3 until it engages in the removal position.
- Remove the wiper blade in the direction of arrow 4 away from the wiper arm.

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 sits correctly.
- Fold the wiper arms back onto the windshield.

Maintenance display

- Remove protective film 1 of the maintenance display on the tip of the newly installed wiper blades.

If the color of the maintenance display changes from black to yellow, the wiper blades should be replaced.
The duration of the color change varies depending on the usage conditions.

**Mirrors**

**Operating the outside mirrors**

**WARNING** Risk of injury from adjusting the vehicle settings while the vehicle is in motion

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

- 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 engine: adjust the driver’s seat, the head restraint, the steering wheel or the mirror and fasten your seat belt.

**WARNING** Risk of accident due to misjudgment of distances when using the passenger mirror

The outside mirror on the front passenger side reflects objects on a smaller scale. The objects in view are in fact closer than they appear.

As a result, you may misjudge the distance between you and the road user driving behind you, for example, when changing lanes.

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.

Briefly press switch 1.

If the battery has been disconnected or completely discharged, the outside mirrors must be reset. Only then will the automatic mirror folding function work properly.
Adjusting the outside mirrors
Press the 3 or 4 buttons to select the outside mirror to be set.
Press the 2 button to set the position of the mirror glass.

Engaging the outside mirrors
Press and hold button 1. You will hear a click and the mirror audibly engage in position. The outside mirror is set in the correct position.

Automatic anti-glare mirrors function

<table>
<thead>
<tr>
<th>WARNING</th>
<th>Risk of burns and poisoning due to the anti-glare mirror electrolyte</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrolyte may escape if the glass in an automatic anti-glare mirror breaks. The electrolyte is harmful and causes irritation. It must not come into contact with your skin, eyes, respiratory organs or clothing or be swallowed.</td>
<td></td>
</tr>
</tbody>
</table>

If you come into contact with electrolyte, observe the following:
- Rinse the electrolyte from your skin and seek medical attention immediately.
- If electrolyte comes into contact with your eyes, rinse them thoroughly with clean water and seek medical attention immediately.
- 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 come into contact with electrolyte.
- If an allergic reaction occurs, seek medical attention immediately.

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

System limitations
The system does not go into anti-glare mode in the following situations:
- the engine is switched off.
- reverse gear is engaged
- the interior lighting is switched on

Function of the front-passenger outside mirror parking position

The parking position is available only in vehicles with a memory function.
The parking position makes parking easier.
The front-passenger outside mirror tilts downwards and shows the rear wheel on the front passenger side in the following situations:
- the parking position is stored (→ page 124)
- the passenger mirror is selected
- reverse gear is engaged
The front-passenger outside mirror moves back to its original position in the following situations:
- if you shift the transmission to another transmission position
- at speeds greater than 9 mph (15 km/h)
- if you press the button for the outside mirror on the driver’s side

**Storing the parking position of the passenger outside mirror using reverse gear**

**Storing**

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

**Calling up**

- Select the passenger outside mirror using button 2.
- Engage reverse gear.
  The passenger outside mirror moves to the stored parking position.

**Activating/deactivating the automatic mirror folding function**

Multimedia system:

- Vehicle ➜ Vehicle Settings ➜ Autom. Mirror Folding
- Activate ✔ or deactivate ☐ the function.
Operating the sun visors

Using the single sun visor

- **Glare from the front:** fold sun visor 1 down.
- **Glare from the side:** swing sun visor 1 to the side.

Using the additional sun visor

- Vehicles with an extendable sun visor: slide sun visor 1 horizontally as required.

Vehicles with an additional sun visor: fold additional sun visor 2 down.

Infrared reflective windshield

The infrared reflective windshield is coated and prevents an excessive build-up of heat in the vehicle interior.

The coating shields the vehicle interior against radio waves up into the gigahertz range.

Radio-controlled equipment, such as toll systems, can only be mounted on areas of the windshield which are permeable to radio waves 1.
Areas permeable to radio waves are best visible from outside the vehicle when the windshield is illuminated using an external light source.
Overview of climate control systems

Dual-zone climate control panel overview

The indicator lamps in the buttons indicate that the current function is activated.

1. ▼□ To set the driver’s side temperature
2. ▼ To set the air distribution
3. To set the airflow or switch off climate control
4. AUTO To set climate control to automatic mode (→ page 128)
5. To defrost the windshield
6. MENU To call up the air conditioning menu
7. To switch the rear window heater on/off
8. To activate or deactivate synchronization (→ page 129)
9. To activate/deactivate air-recirculation mode (→ page 130)
10. A/C To switch the A/C function on/off (→ page 128)
11. ▼ □ To set the front passenger side temperature

3-zone automatic climate control panel overview

The indicator lamps in the buttons indicate that the current function is activated.

1. ▼□ To set the driver’s side temperature
2. ▼ To set the driver’s side air distribution
3. To set the airflow or switch off climate control
4. AUTO To set climate control to automatic mode (→ page 128)
5. To defrost the windshield
6. MENU To call up the air conditioning menu
7. To switch the residual heat on or off (→ page 130)
8. To switch the A/C function on/off (→ page 128)
To switch air-recirculation mode on/off (→ page 130)
To set the front passenger side air distribution
To set the front passenger side temperature

Rear operating unit

To set the temperature
Display
To set the airflow

Operating the climate control system

Activating/deactivating climate control

- **To activate:** set the airflow to level 1 or higher using the \[\text{H} \] button.
- **To deactivate:** set the airflow to level 0 using the \[\text{H} \] button.

If climate control is deactivated, the windows can fog up more quickly. Deactivate climate control only briefly.

Activating/deactivating the A/C function via the control panel

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

- Press the \[\text{A/C} \] button.

Deactivate the A/C function only briefly otherwise the windows can fog up more quickly.

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

Activating/deactivating the A/C function using the multimedia system

Multimedia system:

Vehicle \[\text{Climate Control} \] A/C
The A/C function heats, cools and dehumidifies the vehicle's interior air.

- Switch the function on \[\checkmark\] or off \[\text{□} \].

Setting climate control to automatic

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

- Press the \[\text{AUTO} \] button.
- **To switch to manual mode:** press the \[\text{H} \] or \[\text{H} \] button.
Climate style

Climate style function
In automatic mode, you can select the following climate style settings for the driver’s and front passenger areas:

- **FOCUS**: high airflow, slightly cooler setting
- **MEDIUM**: medium airflow, standard setting
- **DIFFUSE**: low airflow, slightly warmer and draft-free setting

Adjusting the climate style settings
Multimedia system:

- Select **FOCUS**, **MEDIUM** or **DIFFUSE**.

- In order to feel the effect of the climate style, the **auto** function must be active (→ page 128).

Overview of air distribution settings
The symbols in the display indicate which vents the airflow is being directed through:

- \( \therefore \) dimister vents
- \( \therefore \) center and side air vents
- \( \therefore \) footwell vents
- \( \therefore \) center, side and footwell vents
- \( \therefore \) defroster and footwell vents
- \( \therefore \) all vents
- \( \therefore \) defroster, middle and side air vents
- \( \therefore \) automatic air distribution

Setting the rear climate control using the multimedia system
Multimedia system:

- Select **Rear**

Setting the temperature

- Select **Temperature**.
- Set the temperature.

Activating/deactivating the climate control synchronization function via the control panel
Climate control can be set centrally using the synchronization function. The temperature and air distribution setting for the driver’s side is adopted automatically for the front passenger side.

- Press the **SYNC** button.

The synchronization function is deactivated if the settings for one of the other climate zones are changed.
Activating/deactivating the climate control synchronization function using the multimedia system

Multimedia system:  

Vehicle  → Climate Control  → SYNC  

Climate control can be set centrally using the synchronization function. The temperature setting is automatically adopted for all climate zones.

- Switch the function on ✔ or off ❌.

Defrosting the windows

Windows fogged up on the inside

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

Windows fogged up on the outside

- Switch on the windshield wiper.
- Press the AUTO button.

Switching air-recirculation mode on/off

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

Air-recirculation mode is switched off automatically.

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

Switching the residual heat on or off

Requirements:
- The vehicle is parked.

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.

- To switch on: press the MENU button.

Residual heat is switched off automatically.

Activating and deactivating ionization

Multimedia system:  

Vehicle  → Climate Control  → Ionization  

Ionization cleans and refreshes the interior air of the vehicle. The ionization of the interior air is odorless.

- Switch the function on ✔ or off ❌.

Fragrance system

Setting the fragrance system

Requirements
- Automatic climate control is activated.
- The glove box is closed.

Multimedia system:  

Vehicle  → Climate Control  → Air Freshener  

The fragrance system distributes a pleasant fragrance throughout the vehicle interior from a flacon located in the glove box.
To set the intensity: select High, Medium, Low or Off.

Inserting or removing the flacon of the fragrance system

![ENVIRONMENTAL NOTE](image)
Environmental damage due to improper disposal of full flacons

**WARNING** Risk of injury from liquid perfume

If children open the flacon, they could drink the liquid perfume or it could come into contact with their eyes.
- Consult a doctor immediately if liquid perfume has been drunk.
- If liquid perfume comes into contact with your eyes or skin, rinse your eyes with clean water.
- If symptoms continue, consult a doctor.

**ENVIRONMENTAL NOTE** Environmental damage due to improper disposal of full flacons

Full flacons must not be disposed of with household waste.

Full flacons must be taken to a harmful substance collection point.

1 Cap
2 Flacon

➤ To insert: slide the flacon into the holder as far as it will go.
➤ To remove: pull out the flacon.

If you do not use genuine Mercedes-Benz interior perfumes, observe the manufacturers’ safety notices on the perfume packaging.
Dispose of the genuine Mercedes-Benz interior perfume flacon when it is empty and do not refill it.

**Refillable flacon**

- Unscrew the cap of the empty flacon.
- Fill the flacon with a maximum of 0.5 fl. oz. (15 ml).
- Screw the cap back on to the flacon.

Always refill the empty refillable flacon with the same perfume. Observe the separate information sheet attached to the flacon.

**Information on the windshield heater**

The windshield heater is switched on automatically if the button is activated.

After the vehicle is started the windshield heater is switched on automatically as needed.

---

**Air vents**

**Adjusting the front air vents**

**WARNING** - Danger 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.

This could result in burns or frostbite in the immediate vicinity of the air vents.

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

**To open or close:** turn controller to clockwise or anti-clockwise as far as it will go.

**To adjust the air direction:** hold air vent in the center and move it up or down or to the left or right.
Adjusting the rear air vents

To open or close: turn controller 2 to the left or right as far as it will go.

To adjust the air direction: hold rear air vent 1 in the center and move it up or down or to the left or right.

Opening/closing the air vent in the glove box

**NOTE** Damage to temperature-sensitive objects in the glove box

Temperature-sensitive objects stored in the glove box may be damaged by the air vent located inside it.

Requirements:
- Automatic climate control is activated.

Close the air vent when you heat the vehicle.
- At high outside temperatures, open the air vent and switch on the A/C function.
**Driving Notes on Mercedes-AMG vehicles**

Observe the notes on the following topics in the Supplement. Otherwise, you may not recognize dangers.

- Rear axle locking differential
- AMG Performance exhaust system
- AMG ceramic high-performance composite brake system
- RACE START
- DRIFT MODE
- AMG adaptive sport suspension system

---

**Switching on the power supply or ignition using the Start/Stop button**

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

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

- Open doors, thereby endangering other persons or road users
- Get out of the vehicle and be hit by oncoming traffic
- Operate vehicle equipment

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

- Releasing the parking brake
- Shifting the transmission out of park position [P]
- Starting the engine.

Never leave children and animals unattended in the vehicle.

---

**WARNING** Risk of exhaust gas poisoning

Combustion engines emit poisonous exhaust gases such as carbon monoxide. Inhaling these exhaust gases causes poisoning.

- Never leave the engine running in an enclosed space without sufficient ventilation.

---

**WARNING** Risk of fire caused by flammable material on the exhaust system

Flammable materials brought in by either animals or environmental influences may ignite if they come into contact with hot parts of the engine or exhaust system.

Therefore, check regularly that there are no flammable materials in the vehicle.

---

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

Keep the SmartKey out of the reach of children.

---

When leaving the vehicle, always take the SmartKey with you and lock the vehicle.
To switch on the power supply: press button 1 (USA) or 2 (Canada) once. You can activate the windshield wiper, for example.

The power supply is switched off again if the following conditions are met:
- You open the driver’s door.
- You press button 1 (USA) or 2 (Canada) twice.

To switch on the ignition: press button 1 (USA) or 2 (Canada) twice. The indicator lamps in the instrument cluster light up.

The ignition is switched off again if one of the following conditions is met:
- You do not start the vehicle within 15 minutes.

Vehicles with automatic transmission:
The transmission is in position P or
The electric parking brake is applied.

You press button 1 (USA) or 2 (Canada) once.

Starting the vehicle

Starting the vehicle with the start/stop button

Requirements:
- The SmartKey is located in the vehicle and the SmartKey battery is not discharged.

Shift the transmission to position P or N.
Depress the brake pedal and push button 1 (USA) or 2 (Canada) once.
If the vehicle does not start: switch off non-essential consumers and press button 1 (USA) or 2 (Canada) once.
If the vehicle still does not start and the display message also appears in the multifunction display: start the vehicle in emergency operation mode.

You can switch off the engine while driving by pressing button 1 (USA) or 2 (Canada) for
about three seconds. Be sure to observe the safety notes under “Driving instructions”.

Starting the vehicle in emergency operation mode
If the vehicle does not start and the Place the Key in the Marked Space See Operator’s Manual display message appears in the multifunction display, you can start the vehicle in emergency operation mode.

If you remove SmartKey 1 from marked space 2, the engine starts again. For further vehicle starts, however, SmartKey 1 must be located in marked space 2 during the entire journey.

Have SmartKey 1 checked at a qualified specialist workshop.

If the vehicle does not start:
- Leave SmartKey 1 in marked space 2.
- Depress the brake pedal and start the vehicle using the start/stop button.
- Start the vehicle using the start/stop button.
- You can also switch on the power supply or the ignition with the start/stop button.

Starting the vehicle via Remote Online services

Cooling or heating the vehicle interior before starting a journey
- This function is not available in all countries.

If you start the vehicle via your smartphone, the previously selected air conditioning setting is active.

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 filled.
- The starter battery is sufficiently charged.

Starting the vehicle

**WARNING** Risk of crushing or entrapment due to unintentional starting of the engine

Limbs could be crushed or trapped if the engine is started unintentionally during service or maintenance work.

- Always secure the engine against unintentional starting before carrying out maintenance or repair work.
Requirements:
- park position P is selected.
- the anti-theft alarm system is not activated.
- the panic alarm is not activated.
- the hazard warning lights are switched off.
- the hood is closed.
- the doors are closed and locked.
- the windows and sliding sunroof are closed.

Start the vehicle using the smartphone:
- after every vehicle start, the engine runs for ten minutes.
  - you can carry out a maximum of two consecutive starting attempts.
  - you can stop the vehicle again at any time.
  - further information can be found in the smartphone app.

Securing the engine against starting before carrying out maintenance or repair work:
- Switch on the hazard warning lights.
  
  or
  - Open a side window or the sliding sunroof.

Running-in notes

Mercedes-AMG vehicles: observe the notes in the Supplement. Otherwise, you may not recognize dangers.

To preserve the engine during the first 1,000 miles (1,500 km):
- drive at varying road speeds and engine speeds.
- drive in drive program C or E.
- change gear before the rev counter needle is \( \frac{2}{3} \) of the way to the red area of the rev counter.
- do not shift down a gear manually in order to brake.
- avoid overstraining the vehicle, e.g. driving at full throttle.

vehicles with automatic transmission: do not depress the accelerator pedal beyond the pressure point (kickdown).

- only increase the engine speed gradually and accelerate the vehicle to full speed after 1,000 miles (1,500 km).

This also applies when the engine or parts of the drivetrain have been replaced.

Please also observe the following running-in notes:
- In certain driving and driving safety systems, the sensors adjust automatically while a certain distance is driven after the vehicle has been delivered or after repairs. Full system effectiveness is not achieved until the end of this teach-in process.
- Brake pads, brake discs and tires that are either new or have been replaced only achieve optimum braking effect and grip after several hundred kilometers of driving. Compensate for the reduced braking effect by applying greater force to the brake pedal.
**Notes on driving**

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

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

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

**WARNING Risk of accident due to unsuitable footwear**

Operation of the pedals may be restricted due to unsuitable footwear such as:
- Shoes with platform soles
- Shoes with high heels
- Slippers

When driving always wear suitable shoes in order to be able to operate the pedals safely.

**WARNING Risk of accident due to the ignition being switched off whilst the vehicle is in motion**

If you switch off the ignition whilst the vehicle is in motion safety-relevant functions will be restricted or no longer available. This may effect the power steering system and brake force boosting, for example.

You will need to use considerably more force to steer and brake.

---

**WARNING Risk of exhaust gas poisoning**

Combustion engines emit poisonous exhaust gases such as carbon monoxide. Inhaling these exhaust gases causes poisoning.

- Never leave the engine 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.

**WARNING Do not switch off the ignition whilst the vehicle is in motion.**
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 if the vehicle gets stuck in snow, for example.

- Keep the tailpipe and the area around the vehicle free from snow when the engine or the stationary heater are running.
- Open a window on the windward side of the vehicle to ensure an adequate supply of fresh air.

WARNING Risk of accident due to being under the influence of alcohol and drugs while driving

Driving under the influence of alcohol and/or drugs is an extremely dangerous combination. Even small quantities of alcohol or drugs may affect your reflexes, perception and judgment.

The probability of a serious or even fatal accident greatly increases if you drive when under the influence of alcohol or drugs.

- Do not drink alcohol or take drugs while driving, and do not allow anyone to drive who has been drinking alcohol or taking drugs.

NOTE Wearing out the brake linings by continuously depressing the brake pedal

- Do not depress the brake pedal continuously whilst driving.
- To use the braking effect of the engine, shift to a lower gear in good time.

WARNING Risk of accident due to the brake system overheating

If you leave your foot on the brake pedal when driving, the brake system may overheat.

This increases the braking distance and the brake system may even fail.

- Never use the brake pedal as a footrest.
- Do not depress the brake pedal and the accelerator pedal at the same time while driving.

NOTE Damage to the drivetrain and the engine when pulling away

- Do not warm up the engine when the vehicle is stationary. Pull away immediately.
- Avoid high engine speeds and driving at full throttle until the engine has reached operating temperature.
- Do not allow the wheels to spin.

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.

Limited braking effect on salt-treated roads:
- due to salt build-up on the brake discs and brake lining, the braking distance can increase considerably or result in braking only on one side.
- maintain a much greater safe distance to the vehicle in front.

To prevent salt build-up:
- brake occasionally while paying attention to the traffic conditions.
- carefully depress the brake pedal at the end of the journey and when starting the next journey.

**ECO start/stop function**

Operating the ECO start/stop function

**Mercedes-AMG vehicles:** observe the notes in the Supplement. Otherwise, you may not recognize dangers.

The engine is automatically switched off if the following conditions are met:
- You brake the vehicle to a standstill in transmission position D or N.
- All vehicle conditions for an automatic engine stop are met.

The symbol appears in the multifunction display when the vehicle is stationary.

The engine is restarted automatically if:
- You release the brake pedal in transmission position D when the HOLD function is not active.
- You shift from transmission position P.
- You engage transmission position D or R.
- You depress the accelerator pedal
- You change the vehicle level.

- An automatic engine start is necessary.

If the engine was switched off by the ECO start/stop function and you leave the vehicle, a warning tone sounds. The Vehicle Operational Switch the Ignition Off Before Exiting display message also appears in the multifunction display. If you do not switch off the ignition, the ignition is automatically switched off after one minute.
Deactivating or activating the ECO start/stop function

Press button 1. If indicator lamp 2 lights up, the ECO start/stop function is switched on.

Depending on the model, the button may also be located at a different position in the center console.

Function of the ECO display

The ECO display summarizes the driving style from the start of the journey to its completion and assists you in achieving the most economical driving style.

You can influence consumption if you:
- drive with particular care
- drive the vehicle in drive program E
- observe the gearshift recommendations

The inner segment lights up green and the outer segment fills up:
- 1 Moderate acceleration

The inner segment is grey and the outer segment empties:
- 1 Sporty acceleration
- 2 Heavy braking
- 3 Fluctuations in speed

You have driven economically when:
- the three outer segments are completely filled simultaneously.
- the ECO display border lights up.

The additional range achieved as a result of your driving style in comparison to a driver with a very sporty driving style is shown under Bonus fr. Start. The range displayed does not indicate a fixed reduction in consumption.
Mercedes-AMG vehicles: observe the notes in the Supplement. Otherwise, you may not recognize dangers.

Use the DYNAMIC SELECT switch to change between the following drive programs:

- **I (Individual)**: individual settings
- **S+ (Sport Plus)**: particularly sporty driving style
- **S (Sport)**: sporty driving style
- **C (Comfort)**: comfortable and economical driving style
- **E (Eco)**: particularly economical driving style

Depending on the drive program selected the following vehicle characteristics will change:

- **Drive**:
  - Engine and transmission management
  - Active Distance Assist DISTRONIC
- **ESP®**

### Selecting the drive program

Press DYNAMIC SELECT switch forwards or backwards. The drive program selected appears in the multifunction display.

**Configuring drive program I**

Multimedia system:

- Select Vehicle ➤ DYNAMIC SELECT ➤ Individual

- Select the individual setting.

**Displaying vehicle data**

Multimedia system:

- Select Vehicle ➤ DYNAMIC SELECT ➤ Vehicle Data.

**Displaying engine data**

Multimedia system:

- Select Vehicle ➤ DYNAMIC SELECT ➤ Engine Data.
The values for engine output and engine torque may deviate from the nominal values. Items that can influence this are, for example:

- Engine speed
- Sea level
- Fuel grade
- Outside temperature

### Automatic transmission

**DIRECT SELECT lever**

#### Function of the DIRECT SELECT lever

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

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

- Open doors, thereby endangering other persons or road users

- Get out of the vehicle and be hit by oncoming traffic
- Operate vehicle equipment

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

- Releasing the parking brake
- Shifting the transmission out of park position [P]
- Starting the engine.

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

**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], always depress the brake pedal firmly and do not accelerate at the same time.

Use the DIRECT SELECT lever to shift the transmission position. The current transmission position is displayed in the multifunction display.
Engaging reverse gear R
- Depress the brake pedal and push the DIRECT SELECT lever up past the first point of resistance.
  The transmission position display shows \textit{R} in the multifunction display.

Shifting to neutral N
- Depress the brake pedal and push the DIRECT SELECT lever up or down to the first point of resistance.
  The transmission position display shows \textit{N} in the multifunction display.

Subsequently releasing the brake pedal will allow you to move the vehicle freely, e.g. to push it or tow it away.

If you want the automatic transmission to remain in neutral \textit{N} even if the ignition is switched off:
- Start the vehicle.
- Depress the brake pedal and shift to neutral \textit{N}.
- Release the brake pedal.
- Switch the ignition off.

If you then exit the vehicle leaving the key in the vehicle, the automatic transmission remains in neutral \textit{N}.

Engaging park position P
- Press button \textit{1}.
  The transmission position display shows \textit{P} in the multifunction display.
Park position \( P \) is engaged automatically if one of the following conditions is met:

- you switch the engine off with the transmission in position \( D \) or \( R \).
- you open the driver’s door when the vehicle is stationary or when driving at a very low speed and the transmission is in position \( D \) or \( R \).

**Engaging drive position D**

- Depress the brake pedal and push the DIRECT SELECT lever down past the first point of resistance.
  - The transmission position display shows \( D \) in the multifunction display.

When the automatic transmission is in transmission position \( D \), it shifts the gears automatically. This depends on the following factors:

- the selected drive program
- the position of the accelerator pedal
- the road speed

**Manual gearshifting**

**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.

**To activate:** pull steering wheel gearshift paddle 1 or 2.

Manual gearshifting is activated for a short time. The current gear is displayed in the multifunction display.

**To shift up:** pull steering wheel gearshift paddle 2.

**To shift down:** pull steering wheel gearshift paddle 1.

**To deactivate:** pull steering wheel gearshift paddle 2 and hold it in place.

The transmission position \( D \) appears in the multifunction display.

If you select the Manual drive setting in drive program I, manual gearshifting is permanently activated.

**Mercedes-AMG vehicles:** observe the notes in the Supplement. Otherwise, you may not recognize dangers.
**Shift recommendation**

*Mercedes-AMG vehicles:* observe the notes in the Supplement. Otherwise, you may not recognize dangers.

The gearshift recommendations assist you in adopting an economical driving style.

If gearshift recommendation message 1 is shown in the multifunction display, shift to the recommended gear.

---

**Using kickdown**

*Mercedes-AMG vehicles:* observe the notes in the Supplement. Otherwise, you may not recognize dangers.

- **Maximum acceleration:** depress the accelerator pedal beyond the pressure point.

During kickdown, you cannot shift gears using the steering wheel gearshift paddles. The automatic transmission shifts up to the next gear when the maximum engine speed is reached to protect the engine from overrevving.

- Ease off the accelerator pedal once the desired speed is reached.

---

**Glide mode function**

*Mercedes-AMG vehicles:* observe the notes in the Supplement. Otherwise, you may not recognize dangers.

With an anticipatory driving style, glide mode helps you to reduce fuel consumption.

Glide mode is characterized by the following:
- The combustion engine is disconnected from the drivetrain and the vehicle continues to roll in neutral.
- The transmission position D is displayed in green in the multifunction display.

Glide mode is activated if the following conditions are met:
- Drive program E is selected.
- The speed is within a suitable range
- The course of the road is suitable, e.g. no steep uphill or downhill gradients or tight bends.
- You are no longer depressing the accelerator or brake pedal.

Glide mode can also be activated if you have selected the "Eco" setting for the drive (engine management) when in drive program I.

Glide mode is deactivated again if one of the conditions is no longer met.
Vehicles with Driving Assistance Package, Active Distance Assist DISTRONIC or Active Brake Assist: glide mode is also deactivated depending on the traffic situation and the vehicle then switches to overrun mode. This further reduces fuel consumption. Glide mode can also be prevented by the following parameters:
- Uphill gradient
- Downhill gradient
- Temperature
- Height
- Speed
- Obstruction detection
- Operating status of the engine

### Refueling

#### Refueling the vehicle

**WARNING Risk of fire and explosion caused by fuel**

Fuels are highly inflammable.
- You must avoid fire, open flames, creating sparks and smoking.
- Before refueling, switch off the engine and, if installed in your vehicle, the stationary heater.

**WARNING Risk of injury from fuel**

Fuels are poisonous and harmful to your health
- Do not swallow fuel or let it come into contact with skin, eyes or clothing.
- Do not inhale fuel vapors.
- Keep children away from fuel.

| ➤ 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 explosion or fire due to electrostatic charge**

Electrostatic charge can cause sparks and thereby ignite fuel vapors.
- Always touch the metal vehicle body before opening the fuel filler cap or touching the pump nozzle.

This discharges any electrostatic charge that may have built up.
**NOTE** Damage caused by the wrong fuel

Vehicles with a gasoline engine:

- Even small amounts of the wrong fuel could result in damage to the fuel system, the engine and the emission control system.
  - The RON octane rating can be found on the fuel filler flap.
  - Only refuel with low-sulfur unleaded fuel.

This fuel may contain up to 10% ethanol. Your vehicle is suitable for use with E10 fuel.
Do not refuel using:
- Diesel
- E15, E85, E100
- Gasoline containing methanol (M15, M30, M85, M100)
- Gasoline with additives containing metal

If you accidentally refuel with the wrong fuel:
  - Do not switch the ignition on.
  - Consult a qualified specialist workshop.

**NOTE** Do not use diesel to refuel vehicles with a gasoline engine.

If you accidentally refuel with the wrong fuel:
- Do not switch on the ignition. 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.
  - Contact a qualified specialist workshop.
  - Have the fuel tank and fuel lines drained completely.

**NOTE** Damage to the fuel system caused by overfilled fuel tanks.

- Only fill the fuel tank until the pump nozzle switches off.

**NOTE** Fuel may spray out when you remove the fuel pump nozzle.

- Only fill the fuel tank until the pump nozzle switches off.

---

**Requirements:**
- Unlock the vehicle.
  - Do not get into the vehicle again during the refueling process. Otherwise, electrostatic charge could build up again.

Please also observe the notes on operating fluids and fuels (→ page 388).
Refueling

1. Press fuel filler flap 1.
2. Turn the fuel filler cap counter-clockwise and remove it.
3. Insert the fuel filler cap into bracket 2.
4. Completely insert the fuel pump nozzle into the tank filler neck, hook in place and refuel.
5. Only top up the fuel tank until the fuel pump nozzle switches off.

Preliminary information

- Fuel filler flap
- Bracket for the fuel filler cap
- Tire pressure table
- QR code for rescue card
- Fuel type

Parking

Switching off the vehicle

**WARNING** Risk of fire caused by hot exhaust system parts

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

- Park the vehicle so that no flammable material can come into contact with hot vehicle components.
- In particular, do not park on dry grass-land or harvested grain fields.

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

If you leave children unaccompanied in the vehicle, they may be able to set the vehicle in motion, for example by:
- Releasing the parking brake.
- Shifting the transmission out of park position [P].
- Starting the engine.

In addition, they may operate vehicle equipment.

- Never leave children and animals unattended in the vehicle.
- When leaving the vehicle, always take the SmartKey with you and lock the vehicle.
NOTE Damage to the vehicle or the drivetrain caused by the vehicle rolling away

- Always properly secure the vehicle against rolling away.

- On uphill or downhill inclines, turn the front wheels towards the curb.
- Select transmission position P.

- Apply the electric parking brake.
- Press button 1 (USA) or 2 (Canada) once.
- When you switch off the vehicle, you can still operate the side windows and the panoramic sliding sunroof for five minutes.

Garage door opener

Programming buttons for the garage door opener

- **WARNING** Risk of exhaust gas poisoning
  Combustion engines emit poisonous exhaust gases such as carbon monoxide. Inhaling these exhaust gases causes poisoning.
- Never leave the engine running in an enclosed space without sufficient ventilation.

- **WARNING** Risk of injury and entrapment when opening the garage door using the garage door opener
  When you operate or program the garage door with the integrated garage door opener, persons in the range of movement of the garage door can become trapped or struck by the garage door.
- When using the integrated garage door opener, always make sure that nobody is within the sweep of the garage door.

Only operate the garage door opener on the following garage doors:
- Garage doors with a safety stop and reversing feature.
- Garage doors which conform to the current U.S. safety standards.

Requirements:
- The vehicle is parked outside of the garage.
- The engine is switched off.
Check if the transmitter frequency of the remote control has the frequency range of 280 to 868 MHz.

Radio equipment approval number:
- NZLMUAHL5 (USA)
- 4112A-MUAHL5 (Canada)

- Press and hold button 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 at a distance of 1 in (1 cm) to 3 in (8 cm) towards buttons 1, 2 or 3.
- Press and hold button 6 of remote control 5 until:
  - Indicator lamp 4 lights up green continuously. Programming is complete.
  - Indicator lamp 4 flashes green. Programming was successful. Additionally, synchronization of the rolling code with the garage door system must also 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 garage door drive is not included in the scope of delivery of the garage door opener.

Synchronizing the rolling code

Requirements:
- The garage door system uses a rolling code.
- The vehicle must be within range of the garage door or exterior gate drive.
- The vehicle as well as persons and objects, are located outside the sweep of the garage 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 garage 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 6 at various angles at a distance between 1 in (1 cm) to 3 in (8 cm) in front of the inside rearview mirror. You should test every position for at least 25 seconds before trying another position.

> Hold remote control 6 at the same angles at various distances in front of the inside rearview mirror. You should test every position for at least 25 seconds before trying another position.
> Note that some remote controls transmit only for a limited period, press button 6 on remote control 5 again before transmission ends.
> Align the antenna line of the garage door opener unit with the remote control.

> Support and additional information on programming:
> - On the toll free HomeLink® Hotline on 1-800-355-3515.

**Opening/closing the garage door**

**Requirements**
- The corresponding button is programmed to operate the garage door.
Press and hold buttons 1, 2 or 3 until the garage door opens or closes.

If indicator lamp 4 flashes yellow after approximately 20 seconds; press and hold the previously pressed button again until the garage 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.

Radio equipment approval numbers for the garage door opener

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<thead>
<tr>
<th>Country</th>
<th>Radio type approval number</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Africa</td>
<td>TA-2015/1386</td>
</tr>
<tr>
<td>Turkey</td>
<td>not required</td>
</tr>
<tr>
<td>United Arab Emir-</td>
<td>ER41849/15 Dealer No: DA35176/14</td>
</tr>
<tr>
<td>United States</td>
<td>FCC ID: NZLMUAHL5</td>
</tr>
</tbody>
</table>

Brazil

Este equipamento opera em caráter secundário, isto é, não tem direito à proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

Para maiores informações acessar www.anatel.gov.br

Further information on the declaration of conformity for wireless vehicle components (→ page 23).
**Electric parking brake**

**Electric parking brake function (applying automatically)**

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

If you leave children unaccompanied in the vehicle, they may be able to set the vehicle in motion, for example by:
- Releasing the parking brake.
- Shifting the transmission out of park position [P].
- Starting the engine.

In addition, they may operate vehicle equipment.

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

The electric parking brake is applied if the transmission is in position [P] and one of the following conditions is fulfilled:
- The engine is switched off.
- The seat belt tongue is not inserted in the seat belt buckle of the driver’s seat and the driver’s door is opened.

To prevent application: pull the handle of the electric parking brake.

In the following situations, the electric parking brake is also engaged:
- Active Distance Assist DISTRONIC is bringing the vehicle to a standstill.
- The HOLD function is keeping the vehicle stationary.
- Active Parking Assist is keeping the vehicle stationary.

This is only the case if one of the following conditions is also fulfilled:
- The engine is switched off.

- The seat belt tongue is not inserted in the seat belt buckle of the driver’s seat and the driver’s door is opened.
- There is a system malfunction.
- The power supply is insufficient.
- The vehicle is stationary for a lengthy period.

When the electric parking brake is applied, the [PARK] (USA) or [6B] (Canada) indicator lamp lights up in the instrument cluster.

The electric parking brake is not automatically applied if the engine is switched off by the ECO start/stop function.

**Electric parking brake function (releasing automatically)**

The electric parking brake is released when the following conditions are fulfilled:
- The engine is running.
- The seat belt tongue is inserted into the seat belt buckle of the driver’s seat.
- The transmission is in position [D] or [R] and you depress the accelerator pedal or you
shift from transmission position $P$ to $D$ or $R$.
- If the transmission is in position $R$, the trunk lid must be closed.

If the seat belt tongue is not inserted into the seat belt buckle of the driver’s seat, the following conditions must be fulfilled:
- The driver’s door is closed.
- You move the transmission out of transmission position $P$ or you have previously driven faster than 2 mph (3 km/h).
- If the transmission is in position $R$, the trunk lid must be closed.

If the electric parking brake is released, the $\text{PARK}$ (USA) or $\text{DP}$ (Canada) indicator lamp in the instrument cluster goes out.

### Applying or releasing the electric parking brake manually

#### Applying

1. Push handle $1$.
The $\text{PARK}$ (USA) or $\text{DP}$ (Canada) indicator lamp appears in the instrument cluster.

#### Releasing

1. Switch on the ignition.
2. Pull handle $1$.
The $\text{PARK}$ (USA) or $\text{DP}$ (Canada) indicator lamp in the instrument cluster goes out.

#### Emergency braking

1. Press and hold handle $1$.
When the vehicle has been braked to a standstill, the electric parking brake is applied. The $\text{PARK}$ (USA) or $\text{DP}$ (Canada) indicator lamp appears in the instrument cluster.

#### Notes on parking the vehicle for a long period

If you leave the vehicle parked for longer than four weeks, the disconnected battery may be damaged by deep discharge.
If you leave the vehicle parked for longer than six weeks, it may suffer damage as a result of lack of use.

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
If standby mode is activated, the vehicle can be parked for an extended period of time without losing power.

Standby mode is characterized by the following:
- the starter battery is preserved.
- the maximum period out of use is displayed in the multimedia system display.
- functions such as interior protection or tow-away protection are not available.
- the connection to online services is interrupted.

If the following conditions are fulfilled, standby mode can be activated or deactivated using the multimedia system:
- the engine is switched off.
- the ignition is switched on.

Exceeding the vehicle’s displayed period out of use may cause inconvenience, i.e. it cannot be guaranteed that the starter battery will reliably start the engine.

The starter battery must be charged first in the following situations:
- the vehicle’s period out of use must be extended.
- the Battery Charge Insufficient for Standby Mode message appears in the multimedia system display.

Standby mode is automatically deactivated when the ignition is switched on.

Activating or deactivating standby mode

Multimedia system:
Vehicle ➤ Vehicle Settings ➤ Standby Mode
- Activate ☑ or deactivate ☐ the function. When you activate the function, a prompt appears.
- Select Yes.
Standby mode is activated.

Driving and parking safety systems
Driving systems and your responsibility

Your vehicle is equipped with driving systems which assist you in driving, parking and maneuvering the vehicle. The driving systems are tools and do not relieve you of your responsibility. 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.
Function of the radar sensors

Some driving and driving safety systems use radar sensors to monitor the area in front of, behind or next to the vehicle (depending on the vehicle’s equipment).

Depending on the vehicle’s equipment, the radar sensors are integrated behind the bumpers and/or behind the radiator grille. Keep these parts free of dirt, ice and slush (→ page 329). The sensors must not be covered, for example by bicycle racks, overhanging loads or radar-reflecting stickers. Following an impact and in the event of associated damage, which may not be visible, to the bumpers or radiator grille, have the function of the radar sensors checked at a qualified specialist workshop. The driver assistance system may no longer work properly.

Overview of driving systems and driving safety systems

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

- 360° Camera (→ page 185)
- ABS (Anti-lock Braking System) (→ page 158)
- Active Distance Assist DISTRONIC (→ page 166)
- AIR BODY CONTROL (→ page 176)
- Active Brake Assist (→ page 160)
- Active Lane Keeping Assist (→ page 199)
- ATTENTION ASSIST (→ page 193)
- BAS (Brake Assist System) (→ page 159)
- EBD (Electronic Brake force Distribution) (→ page 159)
- ESP® (Electronic Stability Program)
- Hill Start Assist
- HOLD function (→ page 175)
- STEER CONTROL (→ page 160)
- Active Steering Assist (→ page 172)
- Active Parking Assist (→ page 188)
- Parking Assist PARKTRONIC (→ page 179)
- Rear view camera (→ page 183)
- Cruise control (→ page 164)
- Blind Spot Assist and Active Blind Spot Assist (→ page 197)
- Traffic Sign Assist (→ page 195)

Functions of ABS (Anti-lock Brake System)

ABS regulates the brake pressure in critical driving situations:

- During braking, e.g. at maximum full-stop braking or insufficient traction of the tires, the wheels are prevented from blocking.
- 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 limitations
- ABS is active from speeds of approx. 5 mph (8 km/h).
- ABS may be impaired or may not function if a malfunction has occurred and the yellow ABS warning lamp lights up continuously in the instrument cluster after the engine is started.

Function of BAS (Brake Assist System)

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.

Activating/deactivating ESP® (Electronic Stability Program)

Multimedia system:
- Vehicle ➫ Assistance ➫ ESP

Mercedes-AMG vehicles: observe the notes in the Supplement. Otherwise, you may not recognize dangers.
- Activate ✔ or deactivate ❌ the function.

ESP® is deactivated if the ESP® OFF warning lamp lights up continuously in the instrument cluster.

Functions 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 50 mph (80 km/h) and 125 mph (200 km/h) when driving straight ahead or cornering slightly.
- The vehicle is stabilized by means of individual brake application on one side.

Function of EBD (Electronic Brake force Distribution)

EBD is characterized by the following:
- Monitoring and regulating the brake pressure on the rear wheels.
- Improved driving stability when braking, especially on bends.
STEER CONTROL function

STEER CONTROL helps you by transmitting a noticeable steering force to the steering wheel in the direction required for vehicle stabilization. This steering recommendation is given particularly 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 limitations

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.

Function of Active Brake Assist

Active Brake Assist consists of:

- Distance warning function
- Autonomous braking function
- Situation-dependent braking assistance
- Vehicles with Driving Assistance Package: Evasive Steering Assist

Active Brake Assist can help you to minimize the risk of a collision with vehicles or pedestrians or to reduce the effects of such a collision.

If Active Brake Assist has detected a risk of collision, you will be warned visually and acoustically.

If you do not react to the visual and audible collision 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 visual and acoustic warning occurs simultaneously with the braking application.

If you apply the brake yourself in a critical situation or apply the brake during autonomous braking, situation-dependent braking assistance occurs. This increases the brake pressure up to maximum full-stop braking if necessary.

If the autonomous braking function or the situation-dependent braking assistance is triggered, additional preventive measures for occupant protection (PRE-SAFE®) may also be initiated, if the vehicle is equipped with these.

**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

Always pay careful attention to the traffic situation; do not rely on Active Brake Assist alone. Active Brake Assist is only
an aid. The driver is responsible for maintaining a suitable distance to the vehicle in front, vehicle speed and for braking in good time.

Be prepared to brake or swerve if necessary.

Also observe the system limitations of Active Brake Assist.

The individual subfunctions are available in the following speed ranges:

**Distance warning function**

The distance warning function issues a warning at speeds:
- From approximately 4 mph (7 km/h), if your vehicle is critically close to a vehicle or pedestrian. An intermittent warning tone sounds and the distance warning lamp lights up in the instrument cluster.

Brake immediately or take evasive action, provided it is safe to do so and the traffic situation allows this.

The distance warning function can aid you in the following situations with an intermittent warning tone and a warning lamp:

<table>
<thead>
<tr>
<th>Vehicular subfunction</th>
<th>Vehicles traveling in front</th>
<th>Stationary vehicles</th>
<th>Crossing vehicles</th>
<th>Crossing pedestrians</th>
<th>Stationary pedestrians</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Vehicles without Driving Assistance package</strong></td>
<td>up to approx. 155 mph (250 km/h)</td>
<td>up to approx. 50 mph (80 km/h)</td>
<td>no reaction</td>
<td>up to approx. 37 mph (60 km/h)</td>
<td>no reaction</td>
</tr>
<tr>
<td><strong>Vehicles with Driving Assistance package</strong></td>
<td>up to approx. 155 mph (250 km/h)</td>
<td>up to approx. 62 mph (100 km/h)</td>
<td>up to approx. 43 mph (70 km/h)</td>
<td>up to approx. 43 mph (70 km/h)</td>
<td>up to approx. 43 mph (70 km/h)</td>
</tr>
</tbody>
</table>
Autonomous braking function
The autonomous braking function may intervene at speeds starting from approximately 4 mph (7 km/h) in the following situations:

<table>
<thead>
<tr>
<th></th>
<th>Vehicles traveling in front</th>
<th>Stationary vehicles</th>
<th>Crossing vehicles</th>
<th>Crossing pedestrians</th>
<th>Stationary pedestrians</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicles without Driving Assistance package</td>
<td>up to approx. 124 mph (200 km/h)</td>
<td>up to approx. 31 mph (50 km/h)</td>
<td>no reaction</td>
<td>up to approx. 37 mph (60 km/h)</td>
<td>no reaction</td>
</tr>
<tr>
<td>Vehicles with Driving Assistance package</td>
<td>up to approx. 155 mph (250 km/h)</td>
<td>up to approx. 62 mph (100 km/h)</td>
<td>up to approx. 43 mph (70 km/h)</td>
<td>up to approx. 43 mph (70 km/h)</td>
<td>up to approx. 43 mph (70 km/h)</td>
</tr>
</tbody>
</table>

Situation-dependent braking assistance
Situation-dependent braking assistance may intervene at speeds starting from approximately 4 mph (7 km/h) in the following situations:

<table>
<thead>
<tr>
<th></th>
<th>Vehicles traveling in front</th>
<th>Stationary vehicles</th>
<th>Crossing vehicles</th>
<th>Crossing pedestrians</th>
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</tr>
</thead>
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<tr>
<td>Vehicles without Driving Assistance package</td>
<td>up to approx. 155 mph (250 km/h)</td>
<td>up to approx. 50 mph (80 km/h)</td>
<td>no reaction</td>
<td>up to approx. 37 mph (60 km/h)</td>
<td>no reaction</td>
</tr>
<tr>
<td>Vehicles with Driving Assistance package</td>
<td>up to approx. 155 mph (250 km/h)</td>
<td>up to approx. 62 mph (100 km/h)</td>
<td>up to approx. 43 mph (70 km/h)</td>
<td>up to approx. 43 mph (70 km/h)</td>
<td>up to approx. 43 mph (70 km/h)</td>
</tr>
</tbody>
</table>
Canceling a brake application of Active Brake Assist
You can cancel a brake application of Active Brake Assist at any time by:
- Depressing the accelerator pedal fully.
- Releasing the brake pedal.

Active Brake Assist may cancel the brake application when one of the following conditions is fulfilled:
- You maneuver 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:
- Can detect stationary or crossing pedestrians.
- Can assist the driver with additional steering assistance if it detects a swerving maneuver.
- Can be activated by an abrupt steering movement during a swerving maneuver.
- Can assist during swerving and straightening of the vehicle.
- Can react from a speed of approximately 12 mph (20 km/h) up to a speed of approximately 43 mph (70 km/h).
- You can prevent the assistance at any time by actively steering.

<table>
<thead>
<tr>
<th>WARNING</th>
<th>Risk of an accident despite Evasive Steering Assist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evasive Steering Assist cannot always clearly identify objects and complex traffic situations.</td>
<td></td>
</tr>
<tr>
<td>In addition, the steering support of Evasive Steering Assist is generally not sufficient to avoid a collision.</td>
<td></td>
</tr>
<tr>
<td>In such cases Evasive Steering Assist can:</td>
<td></td>
</tr>
<tr>
<td>- give an unnecessary warning or provide assistance</td>
<td></td>
</tr>
<tr>
<td>- not give a warning or not provide assistance</td>
<td></td>
</tr>
</tbody>
</table>

Always pay careful attention to the traffic situation; do not rely on Evasive Steering Assist alone.
Be ready to brake and take evasive action if necessary.
Prevent the assistance by actively steering in non-critical driving situations.
Drive at an appropriate speed if pedestrians are close to the path of your vehicle.

Also observe the system limitations of Evasive Steering Assist.

System limitations
The system may be impaired or may not function 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.

Also observe the system limitations of Evasive Steering Assist.

Driving and parking 163
If the sensors malfunction due to other radar source interference, for example strong radar reflections in parking garages.

If a loss of tire pressure or a defective tire has been detected and displayed.

The system may not react correctly:
- In complex traffic situations where objects cannot always be clearly identified.
- To pedestrians or vehicles if they move quickly into the sensor detection range.
- To pedestrians who are hidden by other objects.
- If the typical outline of a pedestrian cannot be distinguished from the background.
- If a pedestrian is not recognized as such, e.g. due to special clothing or other objects.
- On bends with a tight radius.

**Setting Active Brake Assist**

**Multimedia system:**

Vehicle ➤ Assistance ➤ Active Brake Assist

**Vehicles without Driving Assistance package:** The settings can be made after starting the vehicle.

**Vehicles with Driving Assistance package:** The settings can be made when the ignition is switched on.

It is recommended that you always leave Active Brake Assist activated.

Select one of the following settings:

- **Early:** your selection is retained when the vehicle is next started.
- **Medium:** your selection is retained when the vehicle is next started.
- **Late:** your selection is retained when the vehicle is next started.
- **Off:**

**Vehicles without Driving Assistance package:** The distance warning function and the autonomous braking function are deactivated. When the vehicle is next started, the middle setting is automatically selected.

**Vehicles with Driving Assistance package:** The distance warning function and the autonomous braking function are deactivated. Evasive Steering Assist is unavailable. When the ignition is next started, the middle setting is selected automatically and Evasive Steering Assist is available.

When Active Brake Assist is deactivated, the symbol appears in the assistance graphic in the multifunction display.

**Speed control cruise control**

**Function of cruise control**

Cruise control accelerates and brakes the vehicle automatically in order to maintain a previously stored speed.

If you accelerate to overtake, for example, the stored speed is not deleted. If you remove your foot from the accelerator pedal after overtaking, cruise control will resume speed regulation back to the stored speed.
You can operate cruise control with the cruise control lever.

If you fail to adapt your driving style, cruise control can neither reduce the risk of an accident nor override the laws of physics. It cannot take into account road, weather or traffic conditions. Cruise control is only an aid. You are responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

System limitations
Cruise control may be unable to maintain the stored speed on uphill gradients. The stored speed is resumed when the gradient evens out.

Change into a lower gear in good time on long and steep downhill gradients. Take particular note of this when driving a laden vehicle. By doing so, you will make use of the braking effect of the engine. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly.

Do not use cruise control in the following situations:
- In traffic situations which require frequent changes of speed, e.g. in heavy traffic, on winding roads.
- On slippery roads. Accelerating can cause the drive wheels to lose traction and the vehicle could then skid.
- If you are driving when visibility is poor.

Operating cruise control

⚠️ WARNING Risk of accident due to unknown stored speed

If you call up the stored speed and this is lower than your current speed, the vehicle decelerates.

If you do not know the stored speed, the vehicle could decelerate unexpectedly.

- Take into account the traffic situation before calling up the stored speed.
- If the stored speed is not known, store the desired speed again.

Requirements:
- Cruise control is selected.
- ESP® must be activated, but not intervening.
- The driving speed must be at least 15 mph (20 km/h).

Change into a lower gear in good time on long and steep downhill gradients. Take particular note of this when driving a laden vehicle. By doing so, you will make use of the braking effect of the engine. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly.

Requirements:
- Cruise control is selected.
- ESP® must be activated, but not intervening.
- The driving speed must be at least 15 mph (20 km/h).
Store current speed 2 (once after starting the vehicle).

Call up stored speed 2.

Deactivate cruise control 1.

Press the lever briefly: the stored speed is increased 3 or reduced 4 by 1 mph (1 km/h).

Press the lever beyond the pressure point: the stored speed is increased 3 or reduced 4 by 5 mph (10 km/h).

If cruise control has been deactivated, the current driven speed is adopted with 3 or 4.

If you brake, deactivate ESP® or if ESP® intervenes, cruise control is deactivated. When you switch off the vehicle, the last speed stored is cleared.

**Active Distance Assist DISTRONIC**

**Function of Active Distance Assist DISTRONIC**

Active Distance Assist DISTRONIC

- Maintains the set speed and accelerates or decelerates the vehicle if the distance from the vehicle in front permits.
- Assists you in maintaining the distance from the vehicle in front and can bring your vehicle to a standstill if necessary.
- Brakes your vehicle with up to 50 % of the maximum possible braking power. If greater deceleration performance is required, a visual and acoustic warning is given and you must then intervene yourself.

- **Vehicles with Driving Assistance Package, Active Parking Assist and COMAND:**
  When driving in stop-start traffic, the driver is
supported by extended automatic re-start in traffic jams.

- **Vehicles with Driving Assistance Package:** Responds to stationary vehicles in urban speed ranges (except bicycles, motorcycles and pedestrians) if conditions are sufficient to enable detection.

If you fail to adapt your driving style, Active Distance Assist DISTRONIC can neither reduce the risk of an accident nor override the laws of physics. It cannot take into account road, weather or traffic conditions. Active Distance Assist DISTRONIC is only an aid. You are responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

If all activation conditions are met, you can activate Active Distance Assist DISTRONIC during a journey or while stationary. When Active Distance Assist DISTRONIC is activated, a speed is stored which the driver can increase or reduce at any time. The speed can be adjusted between 15 mph (20 km/h) and 120 mph (200 km/h).

**Vehicles with the Driving Assistance Package:** The speed can be adjusted between 15 mph (20 km/h) and 130 mph (210 km/h).

**Vehicles with Driving Assistance Package, Active Parking Assist and COMAND:** Up to 30 seconds after stopping, the vehicle automatically follows the vehicle ahead without the intervention of the driver. This is only possible if the vehicle is traveling on a motorway or a high-speed major road. If an obstacle is detected in front of the vehicle during the driving-off procedure, a takeover warning is given. Acceleration is reduced, the driver is given a visual and acoustic warning and must stop the vehicle before reaching the obstacle or take evasive action.

**Vehicles with the Driving Assistance Package:** In conjunction with navigation systems, Active Distance Assist DISTRONIC prevents prohibited overtaking on the right at speeds over 50 mph (80 km/h) in right-hand traffic and overtaking on the left in left-hand traffic on freeways and high-speed major roads.

If you activate the turn signal indicator to change lanes, the vehicle will accelerate more briskly to the set speed under the following conditions:

- Active Distance Assist DISTRONIC is activated.
- If the driving speed is higher than 45 mph (70 km/h).
- If the driven speed drops below the stored speed.
- The system cannot detect a vehicle in the relevant area of the overtaking lane.

**Vehicles with Driving Assistance Package and Traffic Sign Assist:** Active Distance Assist DISTRONIC also has the Active Speed Limit Assist function. This function can be configured in the multimedia system. If a change in the speed limit is detected and Active Distance Assist DISTRONIC is activated, Active Distance Assist DISTRONIC assumes this new speed. The driven speed is adapted when the vehicle is level with the traffic signs. The speed limit display in the Instrument Display is always updated when the vehicle is level with the traffic sign.

If Active Distance Assist DISTRONIC has been put into passive mode by pressing the acceler-
tor pedal, only speed limits which are higher than the set speed are adopted. Pulling the cruise control lever will set the displayed speed limit as the speed, provided that:

- Active Speed Limit Assist has been activated in the multimedia system and
- Active Distance Assist DISTRONIC has been activated.

If no speed limit is displayed when the lever is operated, the speed set by the driver is adopted.

**Drive program**
The DYNAMIC SELECT switch allows you to change the driving style of Active Distance Assist DISTRONIC. Depending on which drive program is selected, the driving characteristics can be geared towards fuel economy, comfort or dynamic performance (→ page 142).

**System limitations**
**Vehicles with the Driving Assistance Package:** Active Distance Assist DISTRONIC is active in the 0 mph (0 km/h) to 130 mph (210 km/h) speed range.

The system may be impaired or may not function in the following instances, for example:

- In snow, rain, fog, heavy spray, if there is glare, in direct sunlight or in greatly varying light conditions.
- The windshield in the area of the camera is dirty, misted up, damaged or covered.
- If the radar sensors are dirty or covered.
- On slippery roads, braking or accelerating can cause the drive wheels to lose traction and the vehicle could then skid.
- In parking garages, toll stations or on roads with steep uphill or downhill gradients.

Do not use Active Distance Assist DISTRONIC in these situations.

**Tips**
Pay particular attention in the following traffic situations. In such situations, brake if necessary. Active Distance Assist DISTRONIC is then deactivated:

- When cornering, entering and exiting a bend.
- When not driving in the center of the lane.
- When other vehicles are changing lane.
- If there are narrow vehicles.
- If there are obstacles and stationary vehicles.
- If there are crossing vehicles, pedestrians, motorcyclists or cyclists.

**Display of Active Distance Assist DISTRONIC in the assistance graphic and in the speedometer**

1. Vehicle ahead
2. Distance indicator
3 Set specified distance
4 Your vehicle

1 Speed of vehicle ahead
2 Stored speed

Displays in the multifunction display
When activating Active Distance Assist DISTRONIC or when changing the stored speed, the new stored speed is shown for around five seconds in the multifunction display (\(\text{\textcopyright} 50\text{ mph (70 km/h)}\)).

When Active Distance Assist DISTRONIC is active, the set stored speed is displayed next to the (\(\text{\textcopyright} 50\text{ mph (70 km/h)}\)). When distance control is active, the symbol is shown in green.

Vehicles with the Driving Assistance Package: On freeways or high-speed major roads the (\(\text{\textcopyright} 50\text{ mph (70 km/h)}\)) symbol is displayed cyclically when the vehicle is ready to pull away.

Vehicles with Active Speed Limit Assist: If a speed limit is automatically adopted, this is shown as the stored speed with the (\(\text{\textcopyright} 50\text{ mph (70 km/h)}\)) symbol.

Operating Active Distance Assist DISTRONIC

**WARNING** Risk of accident if detection function of Active Distance Assist DISTRONIC is impaired

Active Distance Assist DISTRONIC does not react:
- To people or animals.
- To stationary obstacles on the road, e.g. stopped or parked vehicles (vehicles without the Driving Assistance Package).
- To stationary obstacles on the road, e.g. stopped or parked vehicles, if conditions are not sufficient to enable detection (vehicles with the Driving Assistance Package).
- To oncoming vehicles and crossing traffic.

Active Distance Assist DISTRONIC can neither give warnings nor intervene in such situations.

**WARNING** Risk of accident due to limited detectability of road users and traffic situations

Active Distance Assist DISTRONIC cannot always clearly identify other road users and complex traffic situations.

Always carefully observe the traffic conditions and be ready to brake at all times.
In these conditions, Active Distance Assist DISTRONIC may:
- Give an unnecessary warning and then brake the vehicle.
- Neither give a warning nor intervene.
- Accelerate or brake unexpectedly.
- Continue driving with care and be ready to brake, particularly if Active Distance Assist DISTRONIC warns you.

**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 maximum possible deceleration. If this deceleration is not sufficient, Active Distance Assist DISTRONIC alerts you with a visual and acoustic warning.
- In these cases, adjust your speed and keep a sufficient distance.
- Brake the vehicle yourself and/or take evasive action.

**WARNING** Risk of accident due to Active Distance Assist DISTRONIC still being activated 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.

Requirements
- The vehicle’s engine must be switched on.
- The electric parking brake must be released.
- Active Parking Assist is not being used to park the vehicle or to exit from a parking space.
- ESP® must be activated, but not intervening.
- The transmission must be in position D.
- The driver door, front passenger door and the rear doors must be closed.
- The engine hood must be closed.
Remove your foot from the accelerator pedal.

To store current speed 2. Your vehicle adapts its speed to that of the vehicle in front, but only up to the stored speed.

or

Call up stored speed 2.

Or on vehicles with Driving Assistance Package and Traffic Sign Assist: the displayed speed limit is adopted, if available 2.

Deactivate Active Distance Assist DISTRONIC 1.

Increase 3 or reduce 4 the speed.

Reduce 5 or increase 6 the specified distance from the vehicle in front.

Pulling away with Active Distance Assist DISTRONIC
Requirement: a speed must have been previously stored.

Remove your foot from the brake pedal.
Briefly pull the cruise control lever towards you 2.

or

Accelerate briefly.

Your vehicle pulls away and adapts its speed to that of the vehicle in front. If no vehicle is detected in front, your vehicle accelerates to the set speed.

Adopting the speed limit as the stored speed
Requirements:

- Active Speed Limit Assist is activated in the multimedia system (→ page 196).
- Active Distance Assist DISTRONIC is activated.
- The system detects a traffic sign indicating a speed limit.

Briefly pull the cruise control lever towards you 2.

The displayed speed limit is adopted as the stored speed. Your vehicle adapts its speed to that of the vehicle in front, but only up to the stored speed. If Active Speed Limit Assist is activated, any detected changes in the speed limit are adopted by the system.

Collision warning
If Active Distance Assist DISTRONIC is unable to sufficiently decelerate the vehicle in order to prevent it from approaching the vehicle in front, you will be warned visually and acoustically. An intermittent warning tone will then sound and the distance warning lamp will light up in the instrument cluster.

- Brake immediately in order to increase the distance from the vehicle in front.

or

- Take evasive action provided it is safe to do so.

Active Steering Assist

Function of Active Steering Assist
Active Steering Assist is only available for vehicles with the Driving Assistance Package.

- Active Steering Assist is operational at speeds up to 130 mph (210 km/h) and helps you to stay in the center of the lane by means of moderate steering interventions.

- It uses the vehicle in front and the lane markings as a reference depending on the driven speed.

- Active Steering Assist requires you as the driver, to keep your hands on the steering wheel at all times so that you are able to intervene at any time to correct the course of the vehicle and keep it in lane.

- Active Steering Assist can be overridden at any time by steering the vehicle yourself.

- When the system is actively steering, the symbol is shown in green in the multifunction display.

System limitations of Active Steering Assist
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.

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. During the transition
from the active to passive status, the symbol is shown as enlarged and flashes yellow. Once the system is passive the symbol is shown as gray in the multifunction display.

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

- If there is poor visibility, e.g. due to insufficient illumination of the road, or due to snow, rain, fog or heavy spray.
- If there is glare, e.g. from oncoming traffic, direct sunlight or reflection from other vehicles (e.g. if the carriageway is wet).
- If the windshield is dirty, misted up, damaged or covered, for instance by a sticker, in the vicinity of the camera.
- If no, or several, unclear lane markings are present for one lane, e.g. in a construction area.
- If the lane markings are worn away, dark or covered up, e.g. by dirt or snow.
- The distance to the vehicle in front is too small and the lane markings thus cannot be detected.
- If the lane markings change quickly, e.g. lanes branch off, cross one another or merge.
- The carriageway is narrow and winding.
- If there are highly variable shade conditions on the carriageway.
- If there are obstacles such as object markers on the lane or projecting out into the lane.

The system does not provide assistance in the following conditions:

- On very sharp bends.
- When towing a trailer.
- If you actively change lane without switching on the turn signal indicator.
- If you switch on the turn signal indicator and the conditions for activating Active Lane Change Assist are not fulfilled.

**Activating Active Steering Assist**

**Requirements:**

- ESP® must be activated, but not intervening.
- Active Distance Assist DISTRONIC is activated.

> If indicator lamp 1 is off: press button 2.

**Function of Active Lane Change Assist**

Active Steering Assist is only an aid. You are responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in your lane. Before changing
lanes, make sure that the neighboring lane is free (shoulder view).

The availability of the following function is country-dependent.

Active Steering Assist remains active even if the turn signal indicator is switched on. Active Steering Assist then assists the driver when changing lanes by applying steering torques to initiate the lane change.

Assistance when changing lanes is provided if all the following conditions are met:
- You are driving on a motorway or high-speed multi-lane major road with multiple lanes in the direction of travel.
- The neighboring lane is free and separated by a broken lane marking.
- The driven speed is between 50 mph (80 km/h) and 110 mph (180 km/h).
- The turn signal indicator is switched on for longer than two seconds.

If the system is impaired, Active Lane Change Assist may be canceled. If an interruption occurs, display 1 appears in the multifunction display along with a warning tone prompting you to take control of the vehicle.

Steering and contact detection
Active Steering Assist requires you as the driver, to keep your hands on the steering wheel at all times so that you are 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 you are not steering yourself or if you take your hands off the steering wheel for a prolonged period of time, the system will, depending on the situation, first alert you with a visual warning. 1 appears in the multifunction display. If you are still not steering the vehicle yourself or if you have not taken hold of the steering wheel, a warning tone sounds in addition to the warning message to remind you to take control of the vehicle.

The warning message does not appear or disappears if one of the following conditions are met:
- The driver steers the vehicle.
- The driver presses a steering wheel button or operates Touch Control.

Function of Active Emergency Stop Assist
If the driver continues to ignore the acoustic warning of Active Lane Change Assist, Active Distance Assist DISTRONIC reduces the speed. If the driver still does not respond, the vehicle is decelerated in stages to a standstill.

The driver can cancel the deceleration at any time by performing one of the following actions:
- Steering
- Braking or accelerating
- Pressing a steering wheel button or operating Touch Control
• Activating or deactivating Active Steering Assist or Distance Assist DISTRONIC

The driver must be ready to take control of the vehicle at any time.

Information on 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.

⚠️ WARNING Risk of accident and injury caused by the vehicle rolling away

After a short time, Hill Start Assist no longer holds the vehicle and it can roll away.

Therefore, swiftly move your foot from the brake pedal to the accelerator pedal. Never attempt to leave the vehicle if it is being held by Hill Start Assist.

HOLD function

HOLD function

The HOLD function holds the vehicle at a standstill without requiring you to depress the brake pedal, e.g. when pulling away on steep slopes.

System limitations

- The incline must not be greater than 30%.

Activating/deactivating the HOLD function

⚠️ WARNING Risk of an accident due to the HOLD function being activated when you leave the vehicle

If you leave the vehicle while only the HOLD function is braking the vehicle, the vehicle can roll away in the following situations:

- 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 the brake pedal, e.g. by a vehicle occupant.

- If the electric parking brake is released.

Always deactivate the HOLD function and secure the vehicle against rolling away before leaving the vehicle.

* NOTE Damage from automatic braking

When Active Brake Assist, Active Distance Assist DISTRONIC or the HOLD function are activated, the vehicle brakes autonomously in certain situations.

To avoid damage to the vehicle, deactivate these systems in the following or similar situations:

- During towing
- In a car wash
Requirements:
- The vehicle is stationary.
- The driver’s door is closed or the seat belt on the driver’s side is fastened.
- The engine is running or has been automatically switched off by the ECO start/stop function.
- The electric parking brake is released.
- Active Distance Assist DISTRONIC is not activated.

Vehicles with automatic transmission:
- The transmission is in position D, R or N.

Activating the HOLD function
- Depress the brake pedal and after a short time depress further until the HOLD display appears in the multifunction display.
- Release the brake pedal.

Deactivating the HOLD function
- Depress the accelerator pedal to pull away.
- Depress the brake pedal until the HOLD display disappears from the multifunction display.

The HOLD function is deactivated in the following situations:
- When Active Distance Assist DISTRONIC is activated.
- Vehicles with automatic transmission:
  - when transmission position P is selected.
  - When the vehicle is secured with the electric parking brake.

In the following situations, the vehicle is held by the transmission position P or by the electric parking brake:
- When the seat belt is unfastened and the driver’s door is opened.
- When the engine is switched off.
- When there is a malfunction in the system or if the power supply is insufficient.

AIR BODY CONTROL
AIR BODY CONTROL function
AIR BODY CONTROL is an air suspension system with variable damping for improved driving comfort. The all-round level control system ensures the best possible suspension and constant ground clearance, even with a laden vehicle. When driving at speed, the vehicle is lowered automatically to improve driving safety and to reduce fuel consumption. The option of manually adjusting the vehicle level is also available.

AIR BODY CONTROL comprises:
- Air suspension with variable spring rate
- Automatic level control system
- Speed-dependent lowering to reduce fuel consumption
- Manually selectable high-level setting for greater ground clearance
- ADS PLUS (Adaptive Damping System with constant damping force adjustment)
- DYNAMIC SELECT switch and level button
### Available suspension settings

<table>
<thead>
<tr>
<th>Drive program</th>
<th>Characteristics</th>
</tr>
</thead>
</table>
| **C** (Comfort) | - The suspension tuning is comfortable.  
- The vehicle is set to the normal level.  
- When driving at speeds of above 77 mph (125 km/h) the vehicle is lowered.  
- When driving at speeds below 50 mph (80 km/h), the vehicle is raised again. |
| **E** (Economy) | - The suspension tuning is comfortable.  
- The vehicle is set to the low level.  
- The vehicle is not lowered any further if you are traveling at higher speeds. |
| **S** (Sport) | - The suspension tuning is firmer.  
- The vehicle is set to the low level.  
- The vehicle is not lowered any further if you are traveling at higher speeds. |
| **S+** (Sport Plus) | - The suspension tuning is even firmer.  
- The vehicle is set to the low level.  
- The vehicle is not lowered any further if you are traveling at higher speeds. |
Setting the vehicle level

**WARNING** Risk of accident because vehicle level is too high

If you drive at a higher vehicle level, the driving characteristics may be impaired due to the higher vehicle center of gravity. The vehicle can drift outwards, for example, when steering or cornering.

- Always choose a vehicle level which is suited to the driving style and the road surface conditions.

**WARNING** Risk of entrapment from vehicle lowering

When lowering the vehicle, people could become trapped if their limbs are between the vehicle body and the tires or underneath the vehicle.

- Make sure no one is underneath the vehicle or in the immediate vicinity of the wheel arches when you lower the vehicle.

**WARNING** Risk of entrapment from vehicle lowering

Vehicles with AIR BODY CONTROL or level control system: When you unload luggage or leave the vehicle, the vehicle first rises slightly and then returns to the set level shortly afterwards. You or anyone else in the vicinity of the wheel arches or the underbody could thus become trapped. The vehicle can also be lowered after being locked.

- When leaving the vehicle, make sure that nobody is in the vicinity of the wheel arches or the underbody.

**Requirements**

- The vehicle has been started.
- The vehicle must not be moving faster than 37 mph (60 km/h).

Raising the vehicle

Press button 1. Indicator lamp 2 lights up.

The vehicle is set to the high level.

Your selection is saved.
The vehicle is lowered again in the following situations:
- When driving faster than 50 mph (80 km/h).
- When driving between 37 mph (60 km/h) and 50 mph (80 km/h) for approximately three minutes.
- After selecting a drive program using the DYNAMIC SELECT switch.

The vehicle is adjusted to the height of the last active drive program.

**Lowering the vehicle**

Press button 1. Indicator lamp 2 goes out. The vehicle is adjusted to the height of the active drive program.

**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 six sensors 1 in the front bumper and six sensors in the rear bumper. Parking Assist PARKTRONIC indicates visually and audibly the distance between your vehicle and an object.

Parking Assist PARKTRONIC is only an aid. It is not a substitute for paying attention to your surroundings. You are always responsible for safe maneuvering, parking and exiting a parking space. Make sure that there are no persons, animals or objects in the maneuvering area while maneuvering and parking in/exit parking spaces.

In the standard setting, an intermittent warning tone sounds from a distance of approximately 1.0 ft (0.3 m) to an obstacle. A continuous tone sounds from a distance of approximately 0.7 ft (0.2 m). You can set the warning tone in the multimedia system so that it will sound earlier at a greater distance of approximately 3.3 ft (1.0 m) (→ page 182).

If Parking Assist PARKTRONIC is deactivated, Active Parking Assist is unavailable.

**Parking Assist PARKTRONIC display in the multimedia system**

If Active Parking Assist is not activated and an obstacle is detected in the path of the vehicle, a pop-up window for Parking Assist PARKTRONIC 1 appears in the multimedia system at speeds up to approximately 6 mph (10 km/h).
System limitations
Parked within Active Parking Assist 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 trucks.

The sensors must be free of dirt, ice and slush. Otherwise, they may not function correctly. Clean the sensors regularly, taking care not to scratch or damage them.

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 to be detected, the sensors in the front and rear bumper must detect the object while you are driving past it.

During the parking procedure or maneuvering, 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. The lateral segments light up orange or red, depending on the distance to the obstacle.

Segment color depending on distance

<table>
<thead>
<tr>
<th>Color</th>
<th>Lateral distance in cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Approx. &lt; 30</td>
</tr>
<tr>
<td>Orange</td>
<td>Approx. 30 - 60</td>
</tr>
</tbody>
</table>

In order for lateral front or rear segments to be displayed, the vehicle must first travel a distance of at least half of the vehicle length. Once the vehicle has traveled the length of the vehicle, all of the lateral front and rear segments can be displayed.
Vehicles without 360° Camera
1. Parking Assist PARKTRONIC is only operational in the front and rear
2. Parking Assist PARKTRONIC is operational and can also warn the driver about obstacles at the side of the vehicle
3. Obstacle detected at the front right (orange) and rear (red)

Vehicles with 360° Camera
1. Parking Assist PARKTRONIC is only operational in the front and rear
2. Parking Assist PARKTRONIC is operational and can also warn the driver about obstacles at the side of the vehicle
3. Obstacle detected at the front right (orange) and rear (red)

Saved obstacles are deleted in the following situations, for example:
- You switch off the vehicle
- You open the doors

After the engine is restarted, obstacles must be detected again, before a new warning can be issued.

System limitations
The system limitations for Parking Assist PARKTRONIC apply for 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

Deactivating/activating PARKTRONIC

<table>
<thead>
<tr>
<th>NOTE</th>
<th>Risk of an accident from objects at close range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parking Assist PARKTRONIC may not detect certain objects at close range.</td>
<td></td>
</tr>
<tr>
<td>When parking or maneuvering the vehicle, pay particular attention to any objects which are above or below the sensors, e.g. flower pots or drawbars.</td>
<td></td>
</tr>
</tbody>
</table>
The vehicle or other objects could otherwise be damaged.

If indicator lamp 1 is not lit, Parking Assist PARKTRONIC is active. If the indicator lamp is lit or the symbol appears in the multifunction display, Parking Assist PARKTRONIC is not active.

Press button 2.

Depending on the vehicle’s equipment, the button may also be located in the center console.

Parking Assist PARKTRONIC is automatically activated when the vehicle is started.

Adjusting the warning tones of Parking Assist PARKTRONIC
Multimedia system:

Vehicle  Assistance  Camera & Parking  Set Warning Tones

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.

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 gives an audible warning.

Select Audio Fadeout During Warning Tones.

Activate ✓ or deactivate ❌ the function.
Reversing camera

Function of the rear view camera

When you engage reverse gear, the image from rear view camera 1 is shown in the multimedia system. Dynamic guide lines show the path the vehicle will take with the steering wheel in its current position. This helps you to orientate yourself and to avoid obstacles when backing up.

The rear view camera is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe maneuvering and parking remains with you. Make sure that there are no persons, animals or objects in the maneuvering area while maneuvering and parking in parking spaces.

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 rearview mirror.

System limitations

The rear view camera will not function or will only partially function in the following situations:
- If the trunk lid or tailgate is open.
- There is heavy rain, snow or fog.
- The light conditions are poor, e.g. at night.

- The camera lens is obstructed, dirty or misted up. Observe the notes on cleaning the rear camera (→ page 329).
- The camera or rear of your vehicle is damaged. In this case, have the camera and its position and setting checked at a qualified specialist workshop.

The field of vision and other functions of the rear view camera may be restricted due to additional accessories on the rear of the vehicle (e.g. license plate bracket or bicycle rack).

- The display contrast may be impaired due to incident sunlight or other light sources. In this case, pay particular attention.

- If the display operation is considerably impaired due to pixel errors, for example, have the display repaired or replaced.

Vehicles without Active Parking Assist

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 wheel angle (dynamic)
2. Yellow lane marking the course the tires will take at the current steering wheel angle (dynamic)
3. Yellow guide line at a distance of approximately 3.3 ft (1.0 m) from the rear area
4. Bumper
5. Red guide line at a distance of approximately 12 in (0.3 m) from the rear area

Wide-angle view

Vehicles with Active Parking Assist
The following camera views are available in the multimedia system:

Normal view
1. Yellow lane marking the course the tires 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 12 in (0.3 m) from the rear area
4. Yellow warning display of Parking Assist

PARKTRONIC: obstacles are at a distance of between approximately 2.0 ft (0.6 m) and 3.3 ft (1.0 m)
Red warning display of Parking Assist PARKTRONIC: obstacles are very close (approximately 1.0 ft (0.3 m) or less)

Orange warning display of Parking Assist PARKTRONIC: obstacles are a medium distance away (between approximately 1.0 ft (0.3 m) and 2.0 ft (0.6 m))

If the entire system fails, the inner segments of the warning display are shown in red. The indicator lamp on the PARKTRONIC button lights up and the symbol appears in the multifunction display.

If the system fails at the rear:
- The rear segments are shown in red when backing up.
- The rear segments are hidden when driving forwards.

When Active Parking Assist is active, the lanes are displayed in green.

If Parking Assist PARKTRONIC is deactivated, the warning display fades out.

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 supports you, e.g. when parking or at exits with reduced visibility.

The 360° Camera is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe maneuvering and parking remains with you. Make sure that there are no persons, animals or objects in the maneuvering area while maneuvering and parking in parking spaces.

The system evaluates images from the following cameras:
- Rear view camera
- Front camera
- Two side cameras in the outside mirrors

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
Driving and parking

1. Lane indicating the route the vehicle will take with the steering wheel in its current position
2. Yellow warning display of Parking Assist PARKTRONIC: obstacles at a distance of approximately 3.3 ft (1.0 m) or less
3. Your vehicle from above

If the distance to the object lessens, the color of the warning display changes. From a distance of approximately 2.0 ft (0.6 m) the warning display is shown in orange. From a distance of approximately 1.0 ft (0.3 m) the warning display is shown in red.

When Parking Assist PARKTRONIC is operational and no object is detected, the segments of the warning display are shown in gray.

If the entire system fails, the segments of the warning display are shown in red. The indicator lamp on the PARKTRONIC button lights up and the \text{parktronic} symbol appears in the multifunction display.

If the system fails at the rear, the display of the segments changes as follows:
- The rear segments are shown in red when backing up.
- The rear segments are hidden when driving forwards.

If Parking Assist PARKTRONIC is deactivated, the warning display fades out.
Guide lines

1. Yellow lane marking the course the tires 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 12 in (0.3 m) from the rear area
4. Mark at a distance of approx. 3.3 ft (1.0 m)
5. When Active Parking Assist is active, the lanes are displayed in green.

The guide lines in the multimedia system display show the distances to your vehicle. The distances only apply to road level.

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 limitations
The 360° Camera will not function or will only partially function in the following situations:
- If the doors are open.
- The side mirrors are folded in.
- If the trunk lid or tailgate is open.
- There is heavy rain, snow or fog.
- The light conditions are poor, e.g. at night.
- The camera lens is obstructed, dirty or fogged up.
- Cameras, or vehicle components in which the cameras are installed, are damaged. In this event, have the cameras, their positions and their setting checked at a qualified specialist workshop.

Do not use the 360° Camera under such circumstances. You could otherwise injure others or collide with objects when parking the vehicle.

On vehicles with height-adjustable suspension or if the vehicle is carrying a heavy load, leaving the standard height can result in inaccuracies in the guide lines and in the display of the generated images, depending on technical conditions.

The field of vision and other functions of the camera system may be restricted due to additional accessories on the rear of the vehicle (e.g. license plate bracket, bicycle rack).
See the notes on cleaning the 360° Camera (→ page 329).

Selecting a view for the 360° Camera

Requirements
- The Auto. Rear View Cam. function is selected in the multimedia system.
- Engage reverse gear.
- In the multimedia system, select the desired view.

Opening the camera cover of the reversing camera
Multimedia system:

1. Select Open Camera Cover.
2. The camera cover closes automatically after some time or after an ignition cycle.

Assigning the camera as a favorite
You can call up the camera view directly in the multimedia system by assigning it as a favorite.

Active Parking Assist

Function of Active Parking Assist
Active Parking Assist is an electronic parking assistance system which uses ultrasound and is automatically activated during forward travel. The system is operational at speeds of up to approximately 22 mph (35 km/h). When all the conditions are fulfilled, the symbol appears in the multifunction display and the system automatically searches for and measures parking spaces on both sides of the vehicle parallel and perpendicular to the direction of travel. If Active Parking Assist is activated, suitable parking spaces are displayed in the multimedia system.

The symbol appears in the multifunction display. The arrows show on which side of the carriageway free parking spaces are located. The parking space and, if necessary, the parking direction can be selected as desired. Active Parking Assist calculates a suitable vehicle path and assists you in parking and exiting the parking space.

Vehicles with automatic transmission: Active Parking Assist changes gear, accelerates, brakes and steers the vehicle.

Active Parking Assist is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe maneuvering and parking remains with you. Make sure that no persons, animals or objects etc. are in the maneuvering range.

Active Parking Assist is canceled if, among other things, one of the following actions is carried out:
- You deactivate Parking Assist PARKTRONIC.
- You deactivate Active Parking Assist.
- You begin steering.
You apply the parking brake.
You engage [P].
ESP® intervenes.
You open the tailgate.

System limitations of Active Parking Assist
Objects located above or below the detection range of Active Parking Assist are not detected when the parking space is being measured. These are also not taken into account when the parking maneuver is calculated, e.g. overhanging loads, overhangs or loading ramps of trucks or the boundaries of parking spaces. In some circumstances, Active Parking Assist may therefore guide you into the parking space prematurely.

\[ \text{WARNING} \]
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.

\[ \text{Vehicles with automatic transmission:} \] The vehicle may not stop in front of these objects.
This could cause a collision.
In these situations, do not use Active Parking Assist.

Snowfall or heavy rain may lead to a parking space being measured inaccurately. Parking spaces that are partially occupied by trailer draw bars 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:
• If you are driving in extreme weather conditions such as ice, packed snow or in heavy rain.
• If you are transporting a load that protrudes beyond the vehicle.
• If the parking space is on a steep downhill or uphill gradient.
• If you have installed snow chains.

Active Parking Assist may also display parking spaces that are not suitable for parking, e.g.:
• Parking spaces where parking is prohibited.
• Parking spaces on unsuitable surfaces.

Active Parking Assist will not assist you with parking spaces at right angles to the direction of travel in the following situations:
• If two parking spaces are located immediately next to each other.
• If the parking space is directly next to a low obstacle such as a low curb.

Active Parking Assist will not assist you with parking spaces at right angles to the direction of travel in the following situations:
• If the parking space is on a curb.
• If the parking space is bordered by an obstacle, e.g. a tree, a post or a trailer.

Parking with Active Parking Assist

\[ \text{i} \]
Depending on the vehicle’s equipment, the button may also be located at a different position in the center console.
Press button 1. The Active Parking Assist view appears on the multimedia system display. Area 2 displays detected parking spaces 4 and vehicle path 3.

Vehicle path 3 shown on the multimedia system display may differ from the actual vehicle path.

If you have driven past a suitable parking space: bring the vehicle to a standstill.
- Select desired parking space 4.
- Where necessary, select the parking direction: forwards or backwards. Vehicle path 3 is shown, depending on the selected parking space and parking direction.
- Confirm the selected parking space.

**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, for example, the Engage Reverse Gear message appears in the multimedia system display: select the corresponding transmission position.

**Vehicles with automatic transmission:**
The vehicle drives into the selected parking space.

On completion of the parking procedure, the Parking Assist Finished, Take Control of Vehicle
display message appears. Further maneuvering 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 curb.

A Vehicles with automatic transmission:
You can stop the vehicle and change the transmission position during the parking procedure. The system then calculates a new vehicle path. The parking procedure can then be continued. If no new vehicle path is available, the transmission position will be changed again. If the vehicle has not yet reached the parking space, the parking procedure will be canceled, should a gear be changed.

Exiting a parking space with Active Parking Assist

Requirement
You can only exit a parking space with Active Parking Assist if you have previously parked the vehicle 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 Active Parking Assist view appears on the multimedia system display.

- If the vehicle has been parked at right angles to the direction of travel: in area 2, select direction of travel 3.

The vehicle path shown on the multimedia system display may differ from the actual vehicle path.

- Confirm to start the exiting process.
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, for example, the Engage Forward Gear message appears in the multimedia system display: select the corresponding transmission position. The vehicle moves out of the parking space.

Example: vehicles with 360° Camera

After the exiting procedure has been completed, the Parking Assist Finished, Take Control of Vehicle message appears in the display of the multimedia system. A warning tone and display in the multimedia system prompt you to take over control of the vehicle. You have to accelerate, brake, steer and change gear yourself again.

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. 1 mph (2 km/h). If a critical situation is detected, a symbol appears on the camera image of the multimedia system.

WARNING Risk of accident caused by limited detection performance of Drive Away Assist

Drive Away Assist cannot always clearly identify objects and traffic situations. In such cases, Drive Away Assist might:

- Warn you without reason and limit the vehicle speed.
- Not warn you or not limit the vehicle speed.

- 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 maneuvering and parking remains with you. Make sure that no persons, animals or objects etc. are in the maneuvering range.

A risk of a collision may arise in the following situations, for example:

- If the driver mixes up the accelerator and brake pedals.
- If the wrong gear is selected.

The Drive Away Assist function is active under the following conditions:

- If Parking Assist PARKTRONIC is activated.
- Every time the gear is changed to R or D when the vehicle is at a standstill.
- If the detected obstacle is less than approx. 3.3 ft (1.0 m) away.
- If the maneuvering assistant function is activated in the multimedia system.

**System limitations**

Drive Away Assist is not available on inclines.

**Function of Cross Traffic Alert**

Also read the instructions on Blind Spot Assist (→ page 197).

**Vehicles with Blind Spot Assist:** Drivers can also be warned of any crossing traffic when backing out of a parking space. If a critical situation is detected, a warning symbol appears on the camera image of the multimedia system. If the driver does not respond to the warning, the vehicle’s brakes can be applied automatically. To do this, the function uses the radar sensors in the bumper. The area adjacent to the vehicle is continually monitored.

If the radar sensors are obstructed by vehicles or other objects, detection is not possible.

The Cross Traffic Alert function is active under the following conditions:

- If Blind Spot Assist is activated.
- If the vehicle is backing up at walking pace.
- If the maneuvering assistant function is activated in the multimedia system.

The Cross Traffic Alert function is not available on inclines.

**Deactivating/activating the maneuvering assistant**

Multimedia system:

- Switch the function on ✔ or off □.

**ATTENTION ASSIST**

**Function of ATTENTION ASSIST**

ATTENTION ASSIST assists you on long, monotonous journeys, e.g. on freeways 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 until too late. The system is not a substitute for a well-rested and attentive driver. On long journeys, take regular breaks in good time that allow for adequate recuperation.

You can choose between two settings.

- **Standard:** normal system sensitivity.
Sensitive: higher system sensitivity. The driver is warned earlier and the attention level detected by ATTENTION ASSIST is adapted accordingly.

If drowsiness or increasing lapses in concentration are detected, the ATTENTION ASSIST: Take a Break! warning appears in the Instrument Display. You can acknowledge the message and take a break where necessary. If you do not take a break and ATTENTION ASSIST continues to detect increasing lapses in concentration, you will be warned again after a minimum of 15 minutes.

You can have the following status information for ATTENTION ASSIST displayed in the assistance menu of the on-board computer:

- The length of the journey since the last break.
- The attention level determined by ATTENTION ASSIST.

If ATTENTION ASSIST is unable to calculate the attention level and cannot issue a warning, the System Suspended message appears.

If a warning is given in the Instrument Display, the multimedia system offers to search for a rest area. You can select a rest area and start 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 when the engine is running. ATTENTION ASSIST is activated automatically when the engine is re-started. The last selected sensitivity level remains stored.

System limitations
ATTENTION ASSIST is active in the 37 mph (60 km/h) to 124 mph (200 km/h) speed range. The functionality of ATTENTION ASSIST is restricted, and warnings may be delayed or not occur at all in the following situations:

- If you have been driving for less than 30 minutes.
- If the road condition is poor (uneven road surface or potholes).
- If there is a strong side wind.
- If you adopt a sporty driving style (high cornering speeds or high rates of acceleration).
- If the Steering Assist function of Active Distance Assist DISTRONIC is active.
- If the time has been set incorrectly.
- In active driving situations, if you change lanes and vary your speed frequently.

The ATTENTION ASSIST tiredness or alertness assessment is deleted and restarted when continuing the journey in the following situations:

- If you switch off the engine.
• If you unfasten your seat belt and open the driver’s door (e.g. change drivers or take a break).

**Setting ATTENTION ASSIST**

Multimedia system:

`→ Vehicle → Assistance → ATTENTION ASSIST`

**Setting options**

- Select Standard, Sensitive or Off.

**Suggesting a rest area**

- Select Suggest Rest Area.
- Activate ✓ or deactivate the function □. If ATTENTION ASSIST detects fatigue or increasing lack of attention, it suggests a rest area in the vicinity.
- Select a suggested rest area.
  You are guided to the selected rest area.

---

**Traffic Sign Assist**

**Function of Traffic Sign Assist**

Traffic Sign Assist detects traffic signs using multifunction camera 1. It assists you by displaying detected speed limits and overtaking restrictions in the instrument cluster.

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:

- When the vehicle changes roads, e.g. slip road or motorway exit.
- When a village or town boundary is passed which is stored in the digital map.

The camera also detects traffic signs with a restriction indicated by an additional sign (e.g. relating to wet conditions).

**Warning when the maximum permissible speed is exceeded**

The system can warn you if you unintentionally exceed the maximum permissible speed. To do this, you can specify in the multimedia system by how much the maximum permissible speed can be exceeded before a warning is issued. You can specify whether the warning is to be just a visual warning or an acoustic one as well.
Display in the Instrument Display

1. Permissible speed
2. Permissible speed when there is a restriction
3. Additional sign with restriction

The illustration shows the Instrument Display in the Widescreen Cockpit.

Traffic Sign Assist is not available in all countries. If it is unavailable, display 1 is shown in the speedometer.

System limitations
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, or due to rain, snow, fog or heavy spray.
- If there is glare, e.g. from oncoming traffic, direct sunlight or reflections.
- If there is dirt on the windshield in the vicinity of the multifunction camera or the camera is fogged up, damaged or obscured.
- If the traffic signs are hard to detect, e.g. due to dirt or snow, or because they are covered, or due to insufficient lighting.
- If the information in the navigation system’s digital map is incorrect or out-of-date.
- If the signs are ambiguous, e.g. traffic signs on construction sites or in adjacent lanes.

Setting Traffic Sign Assist
Multimedia system:

Activating /deactivating automatic adoption of speed limits
Requirements

- Active Distance Assist DISTRONIC is activated.

Select Limit Adoption.
Activate ✔ or deactivate ❌ the function.
The speed limits detected by Traffic Sign Assist are automatically adopted by Active Distance Assist DISTRONIC.

Displaying detected traffic signs in the media display
- Select Display in COMAND.
- Activate ✔ or deactivate ❌ the function.

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.

**Blind Spot Assist and Active Blind Spot Assist**

**Function of Blind Spot Assist and Active Blind Spot Assist**
Blind Spot Assist uses two lateral, rear-facing radar sensors to monitor the area up to 130 ft (40 m) behind your vehicle and 10 ft (3 m) directly next to your vehicle.

If a vehicle is detected at speeds above approximately 8 mph (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.

If a vehicle is detected close to your vehicle in the lateral monitoring range and you switch on the turn signal indicator in the corresponding direction, a warning tone sounds once. The red warning lamp in the outside mirror flashes. If the turn signal indicator remains on, all other detected vehicles are indicated only by the flashing of the red warning lamp.

If you overtake a vehicle quickly, no warning is given.

**WARNING Risk of accident despite Blind Spot Assist**
Blind Spot Assist does not react to vehicles approaching and overtaking you at a greatly different speed.
As a result, Blind Spot Assist cannot warn drivers in this situation.

Always pay careful attention to the traffic situation and maintain a safe distance at the side of the vehicle.

Blind Spot Assist and Active Blind Spot Assist are only aids. They may fail to detect some vehicles and are no substitute for attentive driving. Always ensure that there is sufficient distance to the side for other road users and obstacles.

**System limitations**
The system may be limited in the following situations:
- the sensors are dirty or covered
- poor visibility, e.g. due to fog, heavy rain, snow or spray
• narrow vehicles, e.g. bicycles, are within the monitoring range

Warnings may be issued in error when driving close to crash barriers or similar solid lane borders. Warnings may be interrupted when driving alongside long vehicles, e.g. trucks, for a prolonged time.

Blind Spot Assist is not operational when reverse gear is engaged.

**Function of braking applications (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 20 mph (30 km/h) and 125 mph (200 km/h).

---

**WARNING Risk of accident despite brake application of Active Blind Spot Assist**

A course-correcting brake application cannot always prevent a collision.

- Always steer, brake or accelerate yourself, especially if Active Blind Spot Assist warns you or makes a course-correcting brake application.
- Always maintain a safe distance at the sides.

---

**WARNING Risk of accident despite Active Blind Spot Assist**

Active Blind Spot Assist does not react to the following:

- Overtaking vehicles closely on the side, placing them in the blind spot area.
- Vehicles approaching and overtaking you at a very different speed.

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As a result, Active Blind Spot Assist may neither give warnings nor intervene in such situations.

- Always pay careful attention to the traffic situation and maintain a safe distance at the side of the vehicle.

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 multifunction 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 limitations**
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, such as ESP® or Active Brake Assist.
- ESP® is deactivated.
- A loss of tire pressure or a defective tire is detected.

### Activating or deactivating Blind Spot Assist

**Activating or deactivating Blind Spot Assist or Active Blind Spot Assist**
Multimedia system:
- ![Vehicle Assistance Blind Spot Assist](Image)
- Activate ✓ or deactivate □ the function.

### Active Lane Keeping Assist

**Active Lane Keeping Assist function**

Active Lane Keeping Assist monitors the area in front of your vehicle by means of multifunction camera 1. It serves to protect you against unintentionally leaving your lane. You will be warned by means of a vibration in the steering wheel.
and a course-correcting brake application guides you back into your lane. You are warned by vibration pulses in the steering wheel in the following circumstances:

- Active Lane Keeping Assist detects lane markings.
- A front wheel passes over the lane markings.

You will also be guided back into your lane by means of a course-correcting brake application if the following conditions are met:

- Active Lane Keeping Assist detects lane markings.
- A front wheel drives over a solid lane marking.

Whether a warning is issued and when this occurs also depends on the selected sensitivity setting (standard or adaptive).

If you fail to adapt your driving style, Active Lane Keeping Assist can neither reduce the risk of an accident 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 the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

**Vehicles with Lane Tracking package:** If the lane markings are solid lines and you do not react to the warning, a lane-correcting brake application can bring the vehicle back into the original lane.

**Vehicles with Driving Assistance package or Driving Assistance Plus package:** If you do not react to the warning, a lane-correcting brake application can bring the vehicle back into the original lane. In the case of a broken lane marking being detected, a brake application will only be made if a vehicle has been detected in the adjacent lane. Oncoming vehicles, overtaking vehicles and vehicles in adjacent lanes can be detected.

The brake application is available in the speed range between 40 mph (60 km/h) and 120 mph (200 km/h).

If a lane-correcting brake application occurs, display 1 appears in the multifunction display.

**System limitations**

No lane-correcting brake application occurs in the following situations:

- You clearly and actively steer, brake or accelerate.
- You have switched on the turn signal indicator.
- 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.

ESP® is deactivated.

When driving with a trailer, the electrical connection to the trailer has been correctly established.

If a loss of tire pressure or a defective tire has been detected and displayed.

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, or due to rain, snow, fog or heavy spray.
- There is glare, e.g. from oncoming traffic, the sun or reflections.
- If there is dirt on the windshield in the vicinity of the multifunction camera or the camera is misted up, damaged or obscured.
- No or several, unclear lane markings are present for one lane, e.g. near roadworks.
- The lane markings are worn, dark or covered.

The distance to the vehicle in front is too small and the lane markings thus cannot be detected.

The lane markings change quickly, e.g. lanes branch off, cross one another or merge.

The carriageway is very narrow and winding.

**Vehicles with Driving Assistance package or Driving Assistance Plus package:** Active Lane Keeping Assist uses radar sensors to monitor several areas around the vehicle. If the radar sensors in the rear bumper are dirty or covered with snow, the system may be impaired or may not function. If an obstacle in the lane in which you are driving has been detected, no lane-correcting brake application occurs.

**Activating Active Lane Keeping Assist**

> **WARNING** Risk of accident despite Lane Keeping Assist

A lane-correcting brake application cannot always bring the vehicle back into the original lane.

Always steer, brake or accelerate yourself, especially if Active Lane Keeping Assist warns you or makes a lane-correcting brake application.

**WARNING** Risk of accident despite intervention of Active Lane Keeping Assist

Active Lane Keeping Assist does not detect traffic conditions or road users. In very rare cases, the system may make an inappropriate brake application, e.g. after intentionally driving over a solid lane marking. The brake application can be interrupted at any time if you steer slightly in the opposite direction.

Always make sure that there is sufficient distance to the side for other traffic or obstacles.

**WARNING** Risk of accident despite Lane Keeping Assist

Lane Keeping Assist cannot always clearly detect lane markings.
In such cases, Lane Keeping Assist can:
- give an unnecessary warning
- not give a warning

Always pay particular attention to the traffic situation and keep within the lane, especially if Active Lane Keeping Assist alerts you.

**Requirement**
The driving speed is at least 40 mph (60 km/h).

Press button 2. If indicator lamp 1 lights up, Lane Keeping Assist is activated. When lane markings are detected, the lines in the assistance graphic are shown in white.

**Sensitivity of Active Lane Keeping Assist**
With the standard or adaptive setting, you can influence when the warning vibration of Lane Keeping Assist takes place.

In both the standard and adaptive settings, no warning vibration occurs in the following situations:
- You have switched on the turn signal indicator.
- A driving safety system intervenes, such as ABS, BAS or ESP®.

In the adaptive setting, there will also be no warning vibration in the following situations:
- The vehicle is accelerated or braked considerably.
- You steer actively, e.g. swerve to avoid an obstacle or change lane quickly.
- You cut the corner on a sharp bend.

**Setting the sensitivity of Active Lane Keeping Assist**
Multimedia system:

- >> Vehicle >> 🚗 Assistance >> Act. Lane Keep. Assist
- Select a setting.
Instrument Display overview

Mercedes-AMG vehicles: be sure to observe the notes in the Supplement. Otherwise, you may not recognize dangers.

⚠️ WARNING Risk of accident due to an instrument display malfunction

If the instrument display has failed or malfunctioned, you cannot recognize function restrictions applying to safety relevant systems.

The operating safety of your vehicle may be impaired.

- Drive on carefully.
- Have the vehicle checked immediately at a qualified specialist workshop.

If the operating safety of your vehicle is impaired, park the vehicle safely as soon as possible. Contact a qualified specialist workshop.

Instrument Display (standard)

1. Speedometer
2. Multifunction display
3. Tachometer
4. Coolant temperature display
5. Fuel level and fuel filler flap location indicator

Instrument Display in the Widescreen Cockpit

1. Speedometer
2. Multifunction display
3. Example: area for additional values
4. Coolant temperature display
5. Fuel level and fuel filler flap location indicator

Further display content can be shown in display 3 for additional values (→ page 206).

The segments in speedometer 1 indicate the system status for the following:
- Cruise control (→ page 164)
- **Active Distance Assist DISTRONIC**
  (→ page 166)

**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.

The fuel supply is interrupted to protect the engine when the red band in tachometer is reached.

During normal operating conditions, coolant temperature display may rise to the red mark.

**WARNING** Danger of burns when opening the hood

If you open the hood when the engine has overheated or during a fire in the engine compartment, you could come into contact with hot gases or other escaping operating fluids.

- **Before opening the hood, allow the engine to cool down.**
- **In the event of a fire in the engine compartment, keep the hood closed and call the fire service.**

**Overview of the buttons on the steering wheel**

1. **Button group:**
   - Main menu and back button (on-board computer)
   - Switches sound off/on

- **Increases the volume**
- **Decreases the volume**
- **Touch Control (on-board computer)**
- **Touch Control (multimedia system)**
- **Button group:**
  - Main menu and back button (multimedia system)
  - LINGUATRONIC or voice control system
  - Makes/accepts a call
  - Rejects/ends a call

**Operating the on-board computer**

**WARNING** Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.
Only operate this equipment when the traffic situation permits.
If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the on-board computer.

The on-board computer displays appear on the multifunction display (→ page 206).

The on-board computer can be operated using Touch Control 2 and back button 1 on the left-hand side of the steering wheel.

Different acoustic signals provide feedback when operating the on-board computer, e.g:
- reaching the end of a list
- scrolling through a list

The following menus are available:
- Service
- DriveAssist
- Trip
- Navigation
- Radio
- Media
- Phone
- Head-up Disp.
- Vehicles with an instrument display in the widescreen cockpit: Designs

The menus can be called up from the menu bar on the multifunction display.

To call up the menu bar: press the back button on the left 1.
To scroll in the menu bar: swipe to the left or right on the left-hand Touch Control 2.
To call up the menu or confirm the selection: press the left-hand Touch Control 2.
To scroll through displays or lists on the menu: swipe upwards or downwards on the left-hand Touch Control 2.
To call up a submenu or confirm the selection: press the left-hand Touch Control 2.
To exit a submenu: press the back button on the left 1.

If you are browsing a submenu and you press and hold the back button on the left 1, the menu bar appears.

Setting the additional value range

To select display content: swipe to the right on the left-hand Touch Control.

Swipe upwards or downwards on the left-hand Touch Control to select display content. When display content is selected, the additional value range 1 is briefly highlighted. The index points 2 display the selected list item.

The following display content can be selected in the Classic and Sport designs:

- Tachometer
- Navigation
- ECO display
- Consumption
- G-Meter

The following content can be selected in the Progressive design:

- Date
- Navigation
- ECO display
- Consumption
- G-Meter

Example: G-Meter

- Additional value range
- Index points

Overview of displays on the multifunction display

1 Outside temperature
2 Drive program
3 Transmission position
4 Time
5 Display section

Vehicles with the Instrument Display in the Widescreen Cockpit: the position of the displays deviates from those displayed here.
Further displays on the multifunction display:

- Gearshift recommendation (→ page 146)
- Active Parking Assist activated (→ page 189)
- Parking Assist PARKTRONIC deactivated (→ page 181)
- Cruise control (→ page 164)
- Active Distance Assist DISTRONIC (→ page 166)
- Active Steering Assist (→ page 172)
- ECO start/stop function (→ page 140)
- HOLD function (→ page 175)
- Adaptive Highbeam Assist (→ page 117)

**Vehicles with Traffic Sign Assist:** detected instructions and traffic signs (→ page 195).

### Adjusting the instrument lighting

Turn brightness control 1 up or down. The lighting of the Instrument Display and in the control elements in the vehicle interior is adjusted.

### Menus and submenus

**Functions in the Service menu of the on-board computer**

- On-board computer:
  - ➤ Service
    - To select the function: swipe upwards or downwards on the left-hand Touch Control.
    - Press the left-hand Touch Control.

**Functions in the Service menu:**

- Message memory (→ page 396)
- Tires:
  - Checking tire pressure with the tire pressure monitoring system (→ page 360)
  - Restarting the tire pressure monitoring system (→ page 361)
- ASSYST PLUS: Calling up the service due date (→ page 319)
Calling up the assistant display

On-board computer: ➡️ DriveAssist

 véhicules avec l'Instrument Display dans le Cockpit large : lorsque vous avez la conception à l'étage Progressive, vous pouvez visualiser l'affichage assistant dans la portion gauche de l'Instrument Display.

The following displays are available from the assistant display menu:

- Assistant display
- Attention level (➡️ page 193)

To switch between the displays: swipe upwards or downwards on the left-hand Touch Control.

displays in the assistant display:

- ATTENTION ASSIST deactivated
- Active Brake Assist deactivated
- Light lane markings: Active Lane Keeping Assist activated
- Green lane markings: Active Lane Keeping Assist active
- Gray radar waves next to vehicle: Blind Spot Assist activated
- Green radar waves next to vehicle: Blind Spot Assist active
- Active Distance Assist DISTRONIC displays (➡️ page 166)

Calling up displays in the Trip menu

On-board computer: ➡️ Trip


To select a display: swipe upwards or downwards on the left-hand Touch Control.

Displays in the Trip menu:

- Standard display
- Range and current fuel consumption
When glide mode is active (→ page 146), Gliding Mode is displayed instead of the current fuel consumption.

A recuperation display is also available for certain engines. If there is only a small amount of fuel left in the fuel tank, the display shows a vehicle being refueled instead of the range.

- ECO display (→ page 141)
- Trip computer From Start and From Reset
- Digital speedometer

**Vehicles with an Instrument Display in the Widescreen Cockpit:** the digital speedometer only appears in the Classic and Sport designs.

Example: standard display
1. Trip distance
2. Total distance recorder

Example: trip computer
1. Total distance recorder
2. Driving time
3. Average speed
4. Average fuel consumption
Resetting values on the Trip menu of the on-board computer

On-board computer:

The spelling may differ in the main menu displayed. Therefore, observe the menu overview for the Instrument Display (→ page 204).

You can reset the values of the following functions:
- Trip
data
- Trip computer From Start and From Reset
data
- ECO display (→ page 141)

To select the function to be reset: swipe upwards or downwards on the left-hand Touch Control.
- Press the left-hand Touch Control.
- Select Yes.
- Press the left-hand Touch Control.

If you press and hold the left-hand Touch Control, the function will be reset immediately.

Calling up navigation instructions in the on-board computer

On-board computer:

Example: change of direction announced

1 Road to which the change of direction leads
2 Distance to the change of direction
3 Change-of-direction symbol
4 Recommended lane and new lane during a change of direction (white)
5 Possible lane
6 Lane not recommended (dark gray)

Further possible displays on the Navigation menu:
- Direction of Travel: display of direction of travel and road currently being traveled on.
• **New Route... or Calculating Route...:** a new route is calculated.
• **Road Not Mapped:** the road is unknown, e.g. for newly built roads.
• **No Route:** no route could be calculated to the selected destination.
• **Off Map:** the map for the current location is not available.
• **Area of Destination Reached:** you have reached the area of destination.
• **Destination:** you have reached the destination or an intermediate destination.

▶ **To exit the menu:** press the back button on the left.

**Vehicles with the COMAND multimedia system:** You can also start navigation to one of the recent destinations on the **Navigation** menu:

▶ Press the left-hand touch control.
▶ **Select a destination:** swipe upwards or downwards on the left-hand touch control.
▶ Press the left-hand touch control.

Route guidance is started.

If route guidance has already been activated, a request will appear asking whether you wish to end the current route guidance.

▶ Select **Yes**.
▶ Press the left-hand touch control.

Route guidance is started.

### Selecting radio stations using the on-board computer

**On-board computer:**

![Radio](image)

1. Frequency range
2. Station
3. Name of track
4. Name of artist

When you select a station in the memory presets, the preset appears next to the station name. When you select a saved station in the frequency range, an asterisk appears next to the station name.
To select a radio station: swipe upwards or downwards on the left-hand Touch Control.

Selecting the frequency range or station preset
- Press the left-hand Touch Control.
- To select the frequency range/station preset: swipe upwards or downwards on the left-hand Touch Control.
- Press the left-hand Touch Control.

Media playback using the on-board computer
On-board computer:

Changing a media source
- Press the left-hand Touch Control.
- To select a media source: swipe upwards or downwards on the left-hand Touch Control.
- Press the left-hand Touch Control.

Dialing telephone numbers using the on-board computer

Requirements:
- The mobile phone is connected to the multi-media system.

On-board computer:

WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the
traffic situation. This could also cause you to lose control of the vehicle.

- Only operate this equipment when the traffic situation permits.
- If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

When telephoning, you must observe the legal requirements for the country in which you are currently driving.

**Vehicles with the COMAND multimedia system:** The most recent telephone connections (dialed, received and missed calls) are displayed on the **Phone** menu.

- **Select an entry:** swipe upwards or downwards on the left-hand touch control.
- Press the left-hand touch control.
- If there is only one telephone number saved to an entry: the telephone number is selected.
- If there are multiple telephone numbers saved to an entry: swipe upwards or downwards on the left-hand touch control to select the desired telephone number.
- Press the left-hand touch control.
- The telephone number is dialed.

The following displays may appear instead of the telephone numbers dialed:
- **Please Wait...:** the application is starting. When a Bluetooth® connection to the mobile phone is not established, the menu for authorizing and connecting a mobile phone is displayed in the multimedia system (→ page 275).
- **Updating data...:** the call list is being updated.
- **Importing Contacts...:** the contacts from the mobile phone or from a storage medium are being imported.

**Accepting/rejecting a call**
When you receive a call, the **Incoming Call** message appears on the head-up display.

- Swipe upwards or downwards on the left-hand touch control and select [Accept] or [Reject].
- Press the left-hand touch control.

The call may be accepted/rejected using the [Accept] or [Reject] buttons on the steering wheel.

**Adjusting the Head-up Display settings via the on-board computer**

On-board computer:  

- **Head-up Disp.**

The following Head-up Display settings can be adjusted:
- Position
- Brightness
- Display Content

- To select a setting: swipe upwards or downwards on the left-hand Touch Control.
- Press the left-hand Touch Control.
- To adjust a value: swipe upwards or downwards on the left-hand Touch Control.
- Press the left-hand Touch Control.
Setting currently selected  
Digital speedometer  
Traffic Sign Assist  
Navigation displays

### Setting the design

On-board computer

#### Designs

- This function is only available for vehicles with a Widescreen Cockpit.

The following designs can be selected:
- Sport
- Classic
- Progressive

**To select a design:** swipe upwards or downwards on the left-hand Touch Control.
- Press the left-hand Touch Control.
  
  The Instrument Display is shown in the selected design.

### Head-up Display

#### Function of the Head-up Display

**Mercedes-AMG vehicles:** be sure to observe the notes in the Supplement. Otherwise, you may not recognize dangers.

The Head-up Display projects into the driver’s field of vision:
- Information from the navigation system
- Information from the driver assistance systems
- Some warning messages

#### Display elements

1. Navigation messages
2. Current speed
3. Detected instructions and traffic signs
4. Set speed in the driver assistance system (e.g. cruise control)
When you receive a call, the Incoming Call message appears on the Head-up Display.

In audio mode, the station name or track is temporarily shown when the active audio source is being operated.

**System limitations**

The visibility is influenced by the following conditions:

- Seat position
- The positioning of the display image
- Light conditions
- Wet roads
- Objects on the display cover
- Polarization 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.

### Switching the Head-up Display on/off

Press button 1.
Notes on operating safety

**WARNING** Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- Only operate this equipment when the traffic situation permits.
- If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

**WARNING** Risk of distraction from operating mobile communication equipment while the vehicle is in motion

If you operate communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation.

This could also cause you to lose control of the vehicle.

Only operate this equipment when the vehicle is 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.
- While driving, only operate mobile communications equipment and your voice control system when the traffic conditions permit it. You may otherwise be distracted from the traffic conditions and cause an accident, injuring yourself and others.
- Do not use the voice control system in an emergency as your voice can change and your telephone call can be unnecessarily delayed.
- Familiarize yourself with the voice control system functions before starting the journey.

Operation

Operating the multifunction steering wheel

The Voice Control System is operational approximately thirty seconds after the ignition is switched on.

1. Switches the sound off/on (ends the Voice Control System)
2. Starts the Voice Control System
3. Makes/accepts a call
4. Rejects/ends a call (ends the Voice Control System)
Conducting a dialog

- **To start or continue a dialog:** press the button on the multifunction steering wheel. You can say a voice command after an acoustic signal.
- **To correct an entry:** say the Correction voice command.
- **To select an entry from the selection list:** say the line number or the contents.
- **To browse the selection list:** say the Next or Back voice command.
- **To interrupt the dialog:** say the Pause voice command.
- **To cancel the dialog:** say the Cancel voice command or press the button on the multifunction steering wheel.

Operable functions

You can use the Voice Control System to operate the following equipment depending on the features:

- Telephone
- Text messages
- Navigation
- Address book
- Radio
- Audio (memory card, Media Interface, USB and Bluetooth® audio)
- Vehicle

Overview of types of voice commands

A distinction is made between the following voice commands:

- **Global voice commands** can be said at any time and regardless of the current application, e.g. the voice commands Navigate to, Call or Text message to.

- **Application-specific voice commands** are only available for the active application.

On the display next to the active application, examples of global voice commands and the corresponding application-specific voice commands are displayed on an autocue. This makes entry easier and supports interactive operation. The list can be scrolled or it can be operated by speech or the controller/touchpad.
Number entry functions

- The numbers allowed are zero to nine.
- Telephone numbers can be entered as single digits.

Information on the language setting

You can change the language of the Voice Control System via the system language settings. If the set system language is not supported by the Voice Control System, English will be selected. The Voice Control System is available in English, French, Portuguese and Spanish.

Using the Voice Control System effectively

Features of audible help functions

You receive information and help for:
- **Optimal operation**: say the Help voice control system voice command.

- **Current application**: on the multifunction steering wheel, press the [ adjust] rocker switch up and say the Help voice command.
- **Continued dialog**: say the Help voice command during a voice dialog.
- **A specific system**: say the voice commands for the desired system, e.g. Help telephone.

Notes on how to improve speech quality

**If The Voice Control System does not understand you:**
- only operate The Voice Control System from the driver’s seat.
- say the voice commands coherently and clearly, but do not exaggerate the words.
- avoid loud noises, e.g. the blower, that cause interference while making a voice command entry.

**If an address book entry voice tag is not recognized:**
- only create sensible address book entries in the system/mobile phone, e.g. enter surname and first name in the correct field.
- do not use any abbreviations, unnecessary spaces or special characters.

**If a station list entry is not recognized:**
- say the Read out station list voice command.

Essential voice commands

**Overview of switch voice commands**

Switch voice commands can be used to open certain applications. The voice command selection can be used regardless of the application that is currently active.
<table>
<thead>
<tr>
<th>Voice command</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navigation</td>
<td>To switch to navigation mode</td>
</tr>
<tr>
<td>Map</td>
<td>To switch to map display</td>
</tr>
<tr>
<td>Address book</td>
<td>To switch to address book</td>
</tr>
<tr>
<td>Telephone</td>
<td>To switch to telephone mode</td>
</tr>
<tr>
<td>Text message</td>
<td>To switch to text messages</td>
</tr>
<tr>
<td>Radio</td>
<td>To switch to radio mode</td>
</tr>
<tr>
<td>Media</td>
<td>To switch to media mode</td>
</tr>
<tr>
<td>USB</td>
<td>To switch to USB</td>
</tr>
<tr>
<td>Memory card</td>
<td>To switch to memory card</td>
</tr>
<tr>
<td>Internet application &lt;Name&gt;</td>
<td>To start a Mercedes-Benz online application. The application must be called up by touch once prior to use.</td>
</tr>
<tr>
<td>Mercedes-Benz Apps</td>
<td>To switch to Mercedes-Benz Apps</td>
</tr>
<tr>
<td>Connect</td>
<td>To switch to Internet mode</td>
</tr>
</tbody>
</table>
Voice command | Function
---|---
Vehicle menu | To switch to vehicle settings
System settings menu | To switch to system settings

**Overview of navigation voice commands**

Using navigation voice commands, you can enter POIs or conventional addresses as well as directly change important navigation settings.

<table>
<thead>
<tr>
<th>Voice command</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navigate to &lt;Address/POI/Contact&gt;</td>
<td>Universal search for all types of destinations. A search is also conducted in the address book contacts, the navigation database and on the Internet (POIs). The order of the details, e.g. city, street or house number, can be changed.</td>
</tr>
<tr>
<td>Address in &lt;Country&gt;</td>
<td>Destination entry in a desired country, e.g. address in France.</td>
</tr>
<tr>
<td>Home</td>
<td>Starts navigation to home address</td>
</tr>
<tr>
<td>Work</td>
<td>Starts navigation to your workspace</td>
</tr>
<tr>
<td>POI &lt;POI&gt;</td>
<td>Destination entry for a POI, e.g. the POI Brandenburg Gate. A search is also performed in the navigation database and on the Internet.</td>
</tr>
<tr>
<td>POI online search &lt;POI&gt;</td>
<td>Conducts a POI search on the Internet only</td>
</tr>
<tr>
<td>Voice command</td>
<td>Function</td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Navigate to contact &lt;Name&gt;</td>
<td>Destination entry to a contact in the address book</td>
</tr>
<tr>
<td>Enter country</td>
<td>Enter country/town/district/street/intersection/house number/ZIP code</td>
</tr>
<tr>
<td>Enters a country/town/district/street/intersection/house number/ZIP code</td>
<td></td>
</tr>
<tr>
<td>Enter city</td>
<td></td>
</tr>
<tr>
<td>Enter district</td>
<td></td>
</tr>
<tr>
<td>Enter street</td>
<td></td>
</tr>
<tr>
<td>Enter intersection</td>
<td></td>
</tr>
<tr>
<td>Enter house number</td>
<td></td>
</tr>
<tr>
<td>Enter ZIP code</td>
<td></td>
</tr>
<tr>
<td>Nearest restaurant</td>
<td>Searches for nearby restaurants, parking lots, rest areas with restrooms and gas stations</td>
</tr>
<tr>
<td>Nearest parking lot</td>
<td></td>
</tr>
<tr>
<td>Nearest rest area with restrooms</td>
<td></td>
</tr>
<tr>
<td>Nearest gas station</td>
<td></td>
</tr>
<tr>
<td>Restaurant along the route</td>
<td>Searches for restaurants, parking lots, rest areas with restrooms and gas stations along the route</td>
</tr>
<tr>
<td>Parking along the route</td>
<td></td>
</tr>
<tr>
<td>Rest area with restrooms along the route</td>
<td></td>
</tr>
<tr>
<td>Gas stations along the route</td>
<td></td>
</tr>
</tbody>
</table>
### Voice command

| Restaurant at destination Parking at destination Rest area with restrooms at destination Gas station at destination | Searches for restaurants, parking lots, rest areas with restrooms and gas stations at the destination |
| Last destinations | Selects a destination from the list of last entered destinations |
| Alternative routes | Switches route guidance to another route |
| Start route guidance | Starts route guidance after entering a valid destination |
| Cancel route guidance | Cancels route guidance |
| Guidance instructions on Guidance instructions off | Switches the route guidance voice output on/off |
| Show traffic map Hide traffic map | Switches the traffic map on/off |
| Switch on POI symbols Switch off POI symbols | Switches the POI symbols display on the map on/off |

### Overview of telephone voice commands

You can use the telephone voice commands to make phone calls or search through the address book.
<table>
<thead>
<tr>
<th>Voice command</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call &lt;Name&gt;</td>
<td>Makes a phone call. All address book names are available.</td>
</tr>
<tr>
<td>Search for contact &lt;Name&gt;</td>
<td>Searches for and displays a contact. All address book names are available.</td>
</tr>
<tr>
<td>Outgoing calls</td>
<td>Displays the last call</td>
</tr>
<tr>
<td>Redial</td>
<td>Selects the last phone number dialed</td>
</tr>
</tbody>
</table>

**Overview of radio voice commands**

Radio voice commands can also be used when the radio application is running in the background.

<table>
<thead>
<tr>
<th>Voice command</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Station &lt;Name&gt;</td>
<td>To call up receivable or saved stations</td>
</tr>
<tr>
<td>&lt;Frequency&gt;</td>
<td>To enter a frequency directly</td>
</tr>
<tr>
<td>Next station</td>
<td>To switch to the next available station</td>
</tr>
<tr>
<td>Previous station</td>
<td></td>
</tr>
<tr>
<td>Save station</td>
<td>To save a station in the station list</td>
</tr>
</tbody>
</table>
### Voice command functions

<table>
<thead>
<tr>
<th>Voice command</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Show station list</td>
<td>To display the names of all receivable stations</td>
</tr>
<tr>
<td>Read out station list</td>
<td>To listen to the names of all receivable stations</td>
</tr>
<tr>
<td>Traffic information on</td>
<td>To switch the traffic information service on/off</td>
</tr>
<tr>
<td>Traffic information off</td>
<td></td>
</tr>
<tr>
<td>Radio info on</td>
<td>To switch the current station information on/off</td>
</tr>
<tr>
<td>Radio info off</td>
<td></td>
</tr>
</tbody>
</table>

**Overview of media player voice commands**

Media player voice commands can also be used when the media player runs in the background.
<table>
<thead>
<tr>
<th>Voice command</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Play &lt;Tracks&gt;</td>
<td>The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.</td>
</tr>
<tr>
<td>Play &lt;Albums&gt;</td>
<td>The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.</td>
</tr>
<tr>
<td>Play &lt;Artists&gt;</td>
<td>The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.</td>
</tr>
<tr>
<td>Play &lt;Composers&gt;</td>
<td>The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.</td>
</tr>
<tr>
<td>Play &lt;Genres&gt;</td>
<td>The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.</td>
</tr>
<tr>
<td>Play &lt;Playlists&gt;</td>
<td>The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.</td>
</tr>
<tr>
<td>Media search &lt;Track&gt;</td>
<td>The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.</td>
</tr>
<tr>
<td>Media search &lt;Albums&gt;</td>
<td>The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.</td>
</tr>
<tr>
<td>Media search &lt;Artists&gt;</td>
<td>The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.</td>
</tr>
<tr>
<td>Media search &lt;Composers&gt;</td>
<td>The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.</td>
</tr>
<tr>
<td>Media search &lt;Genres&gt;</td>
<td>The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.</td>
</tr>
<tr>
<td>Media search &lt;Playlists&gt;</td>
<td>The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.</td>
</tr>
<tr>
<td>Voice command</td>
<td>Function</td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Show all albums</td>
<td>Available albums, artists, composers, genres, tracks or playlists are searched for.</td>
</tr>
<tr>
<td>Show all artists</td>
<td></td>
</tr>
<tr>
<td>Show all composers</td>
<td></td>
</tr>
<tr>
<td>Show all genres</td>
<td></td>
</tr>
<tr>
<td>Show all tracks</td>
<td></td>
</tr>
<tr>
<td>Show all playlists</td>
<td></td>
</tr>
<tr>
<td>Next track</td>
<td>To select the next track</td>
</tr>
<tr>
<td>Previous track</td>
<td>To select the previous track</td>
</tr>
<tr>
<td>Random track list on</td>
<td>To switch the random track list on/off</td>
</tr>
<tr>
<td>Random track list off</td>
<td></td>
</tr>
</tbody>
</table>

**Overview of message voice commands**

Text messages can be created, edited and listened to using the message voice commands.
Voice command | Function
--- | ---
Text message to <Name> | To create a message. All address book names are available.
Reply | To reply to a message
Forward text message | To forward a message

**Overview of vehicle voice commands**

You can use the vehicle voice commands to directly call up the corresponding menus for the vehicle settings.

| Voice command | Function |
--- | ---|
Ambient light menu | To display ambient light settings |
Ambient light blue | To display the blue ambient light |
Display and styles menu | To show display settings |
Assistance menu | To display assistance settings |
Scent menu | To display fragrance settings |
Energy flow | To display energy flow settings |
Ionization menu | To display ionization settings |
<table>
<thead>
<tr>
<th>Voice command</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Climate control menu</td>
<td>To display climate control settings</td>
</tr>
<tr>
<td>Automatic climate control driver on</td>
<td>To switch on the automatic climate control settings on the driver’s side</td>
</tr>
<tr>
<td>Light menu</td>
<td>To display light settings</td>
</tr>
<tr>
<td>Massage menu</td>
<td>To display massage settings</td>
</tr>
<tr>
<td>Massage driver’s seat on</td>
<td>To switch on the massage function for the driver’s seat</td>
</tr>
<tr>
<td>Massage driver’s seat off</td>
<td>To switch off the massage function for the driver’s seat</td>
</tr>
<tr>
<td>Outside temperature</td>
<td>To display the outside temperature</td>
</tr>
<tr>
<td>Engine data</td>
<td>To display engine data</td>
</tr>
<tr>
<td>Seats menu</td>
<td>To display seat adjustment settings</td>
</tr>
<tr>
<td>Seat heating front passenger level 2</td>
<td>To set the seat heating for the front passenger seat to level 2</td>
</tr>
<tr>
<td>Consumption menu</td>
<td>To display consumption</td>
</tr>
<tr>
<td>Vehicle data</td>
<td>To display vehicle data</td>
</tr>
</tbody>
</table>
Overview and operation

Overview of the multimedia system

1. Switches the sound on/off
2. Decreases the volume
3. Increases the volume
4. Touch Control
5. Media display
6. Main function button group (→ page 232)
7. Touchpad
8. Volume control
   Adjusts volume and switches the sound on/off
9. button
   Switches multimedia system on/off
10. Controller

Notes on the media display

NOTE Scratching of the display
The display has a highly sensitive, high-gloss surface. There is a risk of it becoming scratched.
Avoid touching the display.
Observe the notes on cleaning.
Observe the notes on caring for the interior (→ page 331).

Automatic temperature-controlled switch-off feature: if the temperature is too high, the
brightness is initially reduced automatically. The media display may then switch off completely for
a while.

If you are wearing polarized sunglasses, it may be difficult to read the media display.

Central control elements overview

1. Touch Control
2. Controller
3. Touchpad
Touch Control

Operating Touch Control

To select a menu item: swipe up, down, left or right on Touch Control 1.
Press Touch Control 1.
To open a list: press Touch Control 1.
To close a list: press the 2 button.

To call up the menu list/favorites: hold button 2.
To move the digital map: swipe in any direction.

Setting the sensitivity for Touch Control
Multimedia system:

- System ➔ Input ➔ Touch Control Sensitivity
- Select Fast, Medium or Slow.

Operating the controller

1 ▼ button
Press briefly: returns to the previous display
Press and hold: calls up main functions
2 ▶ button
To call up the main functions
To call up favorites: when the main functions are displayed, slide controller 3 down.

Controller operating options:
- Turn (○) left or right.
- Slide (←, →) left or right.
- Slide (↑, ↓) up or down.
- Slide (△, ◄) diagonally.
- Press (●) briefly or press and hold.

**Touchpad**

**Activating/deactivating the touchpad**
Multimedia system:
- ➡ System ➢ Input
- Activate ✅ or deactivate ☐ the Touchpad.

**Operating the touchpad**

**Requirement:**
For vehicles with a controller: the touchpad is switched on (→ page 231).

Press briefly: returns to the previous display
Press and hold: calls up main functions

You can navigate in menus and lists via touch-sensitive surface 1 by using a **single-finger swipe.**
- To open or close lists: swipe left or right.
- To select the menu item: swipe up, down, left or right.
- Press touchpad 1.
- To move the digital map: swipe in any direction.

Use the following functions with a **two-finger swipe:**
- To call up main functions and favorites: swipe down with two fingers.
- To zoom in and out of the map: move two fingers together or apart.
- To call up the control menu of the last active audio source: swipe up with two fingers.
Setting the sensitivity for the touchpad

Multimedia system:

1. Select Touchpad Sensitivity.
2. Select Fast, Medium or Slow.

To set the pressure sensitivity: switch Touchpad Tap on or off.

If the function is switched on, a tap on the touchpad is enough to select a menu item.

Handwriting recognition: switching the read-aloud function on/off

Multimedia system:

1. Switch Read Out Handwriting Recognition on or off.

Activating/deactivating haptic feedback for operation on the touchpad

Multimedia system:

1. Switch Haptic Operating Feedback on or off.

When the function is activated, a tactile feedback in the form of a vibration is effected when the touchpad is operated.

Selecting a station and track using the touchpad

Press the button on the touchpad.

or

1. Swipe upwards using two fingers on the touchpad.

The control menu appears for the audio source that was last selected.

2. Use one finger to swipe up or down.

Radio: the previous or the next station is set.

Media source: the previous or the next music track is selected.

Main functions

Calling up the main functions

1. NAVI button
   - To call up navigation

2. RADIO button
   - To call up the radio

3. MEDIA button
   - To call up media

4. TEL button
   - To call up the telephone

To hide the control menu: swipe down on the touchpad using two fingers.
button
To set vehicle functions

Alternatively: press the button on the controller, the touchpad or the Touch Control.
The main functions are displayed.
Select the main function.

Calling up lists and menus on the multimedia system

Call up a list
- Call up a main function (→ page 232).
- To open a list: swipe left on the touchpad.
- To close a list: swipe right on the touchpad.
- To select a menu item: swipe up or down on the touchpad.
- Press the touchpad.

Favorites

Overview of favorites
Favorites offer you quick access to frequently used applications. It is possible to create 20 favorites in total.
The following functions are available:
- add pre-defined favorites from the following categories (→ page 233):
  - Navigation
  - Entertainment
  - Phone
  - Connect
  - Vehicle
  - System Settings
- add your own favorites (→ page 233).
- rename a favorite (→ page 234).
- move a favorite (→ page 234).
- delete a favorite (→ page 234).
- reset all favorites (→ page 234).

Calling up favorites

Press the button.
The main functions are displayed.

Navigate downwards once.
Navigating means:
- Swiping on Touch Control or the touchpad
- Sliding the controller

Leaving the favorites menu

Press the button.

Adding a favorite

Adding a pre-defined favorite

Press the button.
The main functions are displayed.

Navigate downwards twice.
The Favorites menu appears.

Select New Favorite.
The categories are displayed.

Select a category.
The favorites are displayed.

Select a favorite.
Store the favorite at the desired position.
If a favorite has already been added at this position, it will be overwritten.

Example: adding your own favorite
- Select Vehicle.
- Select Full Screen: Consumption.
- Press and hold the button until the favorites are displayed.
- Store the favorite at the desired position.

Renaming a favorite
- Press the button.
  The main functions are displayed.
- Navigate downwards once.
- Select a favorite.
- Navigate downwards once.
  The Favorites menu appears.
- Select Rename.
- Enter the characters.
- To confirm the entry: select OK.

Moving a favorite
- Press the button.
  The main functions are displayed.
- Navigate downwards once.
- Select a favorite.
- Navigate downwards once.
  The Favorites menu appears.
- Select Move.
- Move the favorite to the desired position.
  If a favorite has already been added at this position, it will be overwritten.

Deleting a favorite
- Press the button.
  The main functions are displayed.
- Navigate downwards once.
- Select a favorite.
- Navigate downwards once.
  The Favorites menu appears.
- To delete: select Delete.
- Select Yes.

To restore all favorites: select Reset All.
A prompt appears.
- Select Yes.
The favorites are reset to the factory settings.

Switching the sound on or off
To mute: press volume control 1. The 📿 symbol appears in the status line. You will also hear traffic announcements and navigation announcements even when the sound is muted.

To switch on: change the media source or adjust the volume.

Adjusting the volume

On the multimedia system

▶ Turn volume control 1. The volume of the current radio or media source is set. The volume of other audio sources can be adjusted separately.

Adjust this in the following situations:
- during a traffic announcement
- during a navigation announcement
  The volume of the navigation announcement changes in accordance with the volume of the current media source.
- during a telephone call
- when entering or exiting a parking space while using Active Parking Assist
  
  or

  ➤ Select System.
  ➤ Select Audio.
  ➤ Select a volume setting.
  ➤ Set the volume.

The volume can also be set on the multifunction steering wheel (→ page 204).
Entering characters

Using the character input function

Use the character input function in the following situations, for example:
- To rename a favorite
- To enter a POI or address
- To make a phone call

The following functions are available:
- Selecting a character in the character bar
- Writing a character on the touchpad

Character input can be started with a control element and resumed with another.

On the Touch Control and controller:
select a character in the character bar.
Depending on the target entry, the following characters are available:
- The full set of characters is shown
- Only those characters which are useful for the current input string are shown
  Other characters are grayed out.

On the touchpad: select a character in the character bar.

or

Write the characters on the touch-sensitive surface of the touchpad.
Handwriting recognition supports you by means of character suggestions and a read-aloud function.

Examples of character entry:
- Rename a favorite
- Enter a POI or an address using free or step-by-step search
- Enter a web address

Entering characters using the controller.

Example: renaming a favorite

- Call up the "Renaming a favorite" function (→ page 234).
- To enter a character: turn \(\bigcirc\), slide \(\bigcirc\) and press the controller.
  The character is entered in the input line.

Use the following entry functions:
- To delete a character: press the controller.
  To delete an entry: press and hold the controller until the entire entry is deleted.
To switch to special characters and symbols.

To switch to upper-case or lower-case letters.

To switch the language.

To switch to character entry on the touchpad.

The available editing functions depend on the editing task, the language set and the character level.

To confirm the entry: select [OK].

Example: entering a destination (navigation)

Enter the POI or address (→ page 250).

Entering characters on the touchpad

Requirements
- The touchpad is switched on (→ page 231).
- The entered or selected character should be read out: the handwriting recognition read-aloud function is switched on (→ page 232).

Example: renaming a favorite

Call up the "Renaming a favorite" function (→ page 234).

To enter a character: use your finger to write characters on the touchpad. The character is entered in the input line. If different interpretations are possible, character suggestions are displayed.

To select a character suggestion: turn the controller.

Resume character input.

To enter a space: swipe right when the cursor is located in the input line.

To delete a character: swipe left when the cursor is located in the input line.

To confirm the entry: press the touchpad.

To finish character entry: swipe upwards.

or

Press the [button.

Example: entering a destination (navigation)

Enter the POI or address (→ page 250).

System settings

Display

Configuring display settings

Multimedia system:

→ System ➔ Display and Designs

Designs

- Select Designs.
- Select Sport, Classic or Progressive.

Adapting the ambient lighting for the style
Select **Adjust Amb. Lighting**.

Activate ✓ or deactivate ☐ the function.

This function adjusts the ambient lighting for the selected display style.

**Additional display area**

Depending on the vehicle, various items of additional information can be shown. The additional display area comprises the left-hand or right-hand third of the display.

Select **Additional Disp. Area**.

The following display content can be selected:

- Dynamic
- Navigation Map
- Consumption
- Time and Date

**Display brightness**

Select **Display Brightness**.

Select a brightness value.

**Switching the display off/on**

Off: select **Display off**.

- **On**: press a button, [TEL], for example.

**Display design**

- Select **Day/Night Design**.
- Select **Automatic, Day Design or Night Design**.

**Time and date**

**Setting the time and date automatically**

Multimedia system:

System ➔ Time and Date

Deactivate ☐ **Manual Time Adjustment**.

The time and date are set automatically for the selected time zone and summer time option.

The correct time is required for the following functions:

- Route guidance with time-dependent traffic guidance.
- Calculation of expected time of arrival.

**Setting the time zone**

Multimedia system:

System ➔ Time and Date ➔ Time Zone:

The list of countries is displayed.

Select a country ●.

Depending on the country, time zones are displayed.

Select a time zone.

The time zone set is displayed after Time Zone:

**Setting summer time**

The **Automatic Daylight Saving Time** and Daylight Saving Time options cannot be selected in all countries.

Multimedia system:

System ➔ Time and Date

**Automatically**

Switch **Automatic Daylight Saving Time** on ✓ or off ☐.
Manually
- Deactivate Automatic Daylight Saving Time.
- Select Daylight Saving Time.
- Select On or Off.

Setting the time and date format
Multimedia system:
- System Time and Date Set Format
- Set the date and time format.

Setting the time manually
Requirement
- The Manual Time Adjustment function is switched on.

Multimedia system:
- System Time and Date Set Time
- Set the hours.
- Navigate to the right to set the minutes.
- Set the minutes.

- Confirm changes when exiting the menu.
  The date is set automatically via GPS.

Connectivity
Switching transmission of the vehicle position on/off
Multimedia system:
- System Connectivity
- Select Transmit Vehicle Position.
- Switch the function on or off.

Bluetooth®
Information about Bluetooth®
Bluetooth® technology is a standard for short-range wireless data transfer up to approximately 32.8 ft (10 m). You can use Bluetooth® to connect your mobile phone to the multimedia system and use the following functions, for example:
- hands-free system with access to the following options:
  - contacts (→ page 278)
  - call lists (→ page 281)
  - text messages
- Internet connection
- listening to music via Bluetooth® audio (→ page 305)
- transferring business cards (vCards) into the vehicle

Bluetooth® is a registered trademark of Bluetooth Special Interest Group (SIG) Inc.
Internet connection via Bluetooth® is not available in all countries.

Activating/deactivating Bluetooth®
Requirement
- Apple CarPlay™ is not active.

Multimedia system:
- System Connectivity
- Activate or deactivate Bluetooth®.
If Android Auto is active, a prompt appears asking whether Bluetooth® should be deactivated.

- Select Yes.
  Android Auto is closed and Bluetooth® is deactivated.

**Wi-Fi**

**Wi-Fi connection overview**
You can use Wi-Fi to establish a connection with a Wi-Fi network and to access the Internet or other network devices.

The following connection options are available:
- Wi-Fi connection
  The Wi-Fi connection to a Wi-Fi-capable device, e.g. the customer’s mobile phone or a tablet PC is established.
- multimedia system as a Wi-Fi hotspot
  Using this function, a tablet PC or notebook can be connected, for example.

To establish a connection, you can use the following methods:
- WPS PIN
  The connection to a secure Wi-Fi network is made via a PIN.
- WPS PBC
  The connection to a secure Wi-Fi network is made by pressing a button (push button).
- security key
  The connection to a secure Wi-Fi network is made via a security key.

**Setting up Wi-Fi**

**Prerequisite**
- The device to be connected supports one of the three means of connection described (→ page 240).

**Multimedia system:**

- **System** ▶ **Connectivity**

**Activating/deactivating Wi-Fi**

- **Switch Wi-Fi** on □ or off □.

  - If Wi-Fi is deactivated □, communication via Wi-Fi to all devices is interrupted. This also means that a connection to the HERMES communication module cannot be established. Then functions such as dynamic route guidance with Live Traffic Information are not available.

**Connecting the multimedia system with a device via Wi-Fi**
This function is available if a HERMES communication module is not installed.
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 (see the manufacturer’s operating instructions).

- **Select Internet Settings.**
- **Select Search for Wi-Fi Networks.**

**Using a WPS PIN:**

- **Highlight a Wi-Fi network in the list.**
- **Select ** Connect via WPS PIN Input.**

  The multimedia system generates an eight-digit PIN.
Enter this PIN on the device to be connected.

Confirm the entry.

Using a button:
Requirements
- This function is only available in a Wi-Fi frequency of 2.4 GHz.

Highlight a Wi-Fi network in the list.
Select Connect via WPS PBC.
Select “Connect via WPS PBC” in the options on the device to be connected.
Press the WPS button on the device to be connected.
Select Continue in the multimedia system.

Using a security key:
- Highlight a Wi-Fi network in the list.
- 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].

All devices support a security key as a means of connection.

Device has already been connected:
- To automatically connect: highlight a Wi-Fi network in the list.
- Activate Connect Automatically.
- To connect: highlight a Wi-Fi network in the list.
- Select Connect.
The connection is established again. These functions are possible when the device has already been connected to the Wi-Fi network.

Setting up a Wi-Fi hotspot
Multimedia system:
  ➤ System ➤ Connectivity

Configuring the multimedia system as a Wi-Fi hotspot
The type of connection established depends on the device to be connected. The function must be supported by the multimedia system and by the device to be connected. The type of connection established must be selected on the multimedia system and on the device to be connected.

Select Set Up Hotspot.
Highlight Connect Device to Vehicle Hotspot.

Generating a WPS PIN
- Select Connect via WPS PIN Generation.
- Enter the PIN shown in the multimedia system display on the device to be connected and confirm.

Connecting using a WPS PIN
- Select Connect via WPS PIN Input.
- Select Enter WPS PIN.
- Enter the PIN that is shown on the external device’s display on the multimedia system.
- Select Continue.
Connecting using a button

Requirements
- This function is only available in a Wi-Fi frequency of 2.4 GHz.

Select Connect via WPS PBC.
Press the WPS button on the device to be connected or select Connect.
Select Continue in the multimedia system.

Connecting using a security key

Select Connect Device to Vehicle Hotspot.
A security key is displayed.
Select the vehicle from the device to be connected. The vehicle is displayed with the SSID MB Hotspot XXXXX.
Enter the security key which is shown in the multimedia system display on the device to be connected.
Confirm the entry.

Connecting using NFC

Select Connection via NFC.

Activate NFC on the mobile device (see the manufacturer’s operating instructions).
Bring the mobile device into the NFC area of the vehicle (→ page 276).
Select Done.
The mobile device is now connected to the multimedia system hotspot via NFC.

To generate a new security key:
Select Set Up Hotspot.
Select Generate Security Key.
A connection will be established with the newly created security key.

To save a security key: select Save.
When a new security key is saved, all existing Wi-Fi connections are then disconnected. If the Wi-Fi connections are being re-established, the new security key must be entered.

Managing COMAND Touch devices

Requirements
- The COMAND Touch app is installed on the external device (e.g. tablet or smartphone).
- Wi-Fi is activated (→ page 240) and the multimedia system is configured as a Wi-Fi hotspot (→ page 241).

Multimedia system:

Connecting a new device

Select Authorize a New Device.
Select Connect New Device.
Accept the connection request from the new device.
A security key is displayed.
Enter the security key in the external device. The device is authorized.

Selecting a connected device

Select Authorize a New Device.
The devices already connected are displayed.
Select Continue Using Connected Devices. The Please start COMAND Touch on your device and follow the instructions. message appears.
Select Continue.
Follow the instructions to authorize the selected device.

De-authorizing the device
Select a connected device from the list. The Please start COMAND Touch on your device and follow the instructions. message appears.
Select Continue. A prompt will appear asking whether you would like to de-authorize the selected device.
Select Yes. The device is de-authorized.

Activating/deactivating child safety lock
Multimedia system:
System ➔ Parental Control

Locking an external device
Select an external device.

Select Lock.
The device connected via the COMAND Touch App is locked ✔️ or unlocked ✗.

System language

Notes on the system language
This function allows you to determine the language for the menu displays and the navigation announcements. The selected language affects the characters available for entry. The navigation announcements are not available in all languages. If a language is not available, the navigation announcements will be in English.

Setting the system language
Multimedia system:
System ➔ Language
Set the language.

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.

Setting the distance unit
Multimedia system:
System ➔ Units
Select km or mi.

In the multifunction display of the Instrument Display, switch the Additional Speedometer display on ✔️.

Data import and export

Data import/export function
The following functions are possible:
- transferring data from one system or vehicle to another system or vehicle.
- creating a backup copy of your personal data and loading it again.
- protecting your personal data against unwanted export with PIN protection.

Please note that the NTFS file system is not supported. The FAT32 file system is recommended.
Importing/exporting data

**NOTE Data loss**

Do not remove the data storage medium when data is being exported. Mercedes-Benz is not liable for any loss of data.

**Requirements**
- The vehicle is stationary.
- The ignition is switched on or the vehicle has been started.
- The SD card is inserted (→ page 298) or the USB device is connected (→ page 300).

**Importing**
- Select a data storage medium.
  A prompt appears asking whether you really wish to overwrite the current data. If data originates from another vehicle, this is recognized during data reading. The multimedia system is restarted once the data has been imported.
  - Current vehicle settings can be edited after the import.

**Exporting**
- If PIN protection is activated, your PIN is requested.
  - Enter the four-digit PIN.
  - Select a data storage medium.
    The data is exported. The data export may take several minutes.

**Activating/deactivating PIN protection**

**Importing/Exporting Data**

**NOTE Data Loss**

Do not remove the data storage medium when data is being exported. Mercedes-Benz is not liable for any loss of data.

**Requirements**
- The vehicle is stationary.
- The ignition is switched on or the vehicle has been started.
- The SD card is inserted (→ page 298) or the USB device is connected (→ page 300).

**Importing**
- Select a data storage medium.
  A prompt appears asking whether you really wish to overwrite the current data. If data originates from another vehicle, this is recognized during data reading. The multimedia system is restarted once the data has been imported.
  - Current vehicle settings can be edited after the import.

**Exporting**
- If PIN protection is activated, your PIN is requested.
  - Enter the four-digit PIN.
  - Select a data storage medium.
    The data is exported. The data export may take several minutes.

**Activating/deactivating PIN protection**

**Multimedia system**

- [System] ➔ [System Backup]
- Select [Import Data] or [Export Data].

**Setting the PIN**
- Select [Set PIN].
- Enter a four-digit PIN.

**Changing the PIN**

- A current PIN must be set.
- Select [Change Settings].
- Enter the current PIN.
- Select [Change PIN].
- Set a new PIN.

**Activating PIN protection for data export**

- Select [Change Settings].
- Confirm with the PIN.
- Select [Protect Data Export].
  Activate ✔ or deactivate ❌ the function.

**Activating PIN protection for offline mode**

- Select [Change Settings].
- Confirm with the PIN.
- Select [Protect Deactivation of Offline Mode].
  Activate ✔ or deactivate ❌ the function.
Unblocking the PIN
Requirements
- There is an Internet connection.
- A Mercedes me account exists at http://www.mercedes.me.
- The Personalization service is active (→ page 245).

If the PIN has been entered incorrectly three times, the PIN will be blocked. You can have a single-use password sent to you via the Mercedes me connect online portal to reset the PIN protection.

▶ Select Unblock PIN.
▶ Enter the single-use password.
PIN protection is reset, and you can set a new PIN.

Alternatively, you can have PIN protection reset at an authorized Mercedes-Benz Center.

User profile
Setting a user profile
Multimedia system:

Displaying a user profile when starting
If this function is active, a prompt appears when starting the system asking which user profile to use.
▶ Select Display Profile Selection after Start.
▶ Activate ✓ or deactivate ❌ the function.

Selecting a user profile
▶ Select Guest Profile or individual profile ●.

Automatic synchronization
Each time the ignition is switched off or on, the individual user profiles are synchronized on the multimedia system and on the server. This ensures that the latest user profiles are always available.

▶ Select Automatic Synchronization.
▶ Activate ✓ or deactivate ❌ the function.

For more information about importing/exporting user profiles (→ page 245).

Creating a user profile
Multimedia system:

Creating a user profile
Multimedia system:

Importing/exporting user profiles
Requirements:
- There is an Internet connection.
A Mercedes me account exists at http://www.mercedes.me.
The Personalization service is active.

Multimedia system:

- **Import**: select Import Profiles from Server. The profile data import overwrites all existing profile data. Do you want to continue? message appears.
- **Select Yes**. User profiles are imported.
- **Export**: select Export Profiles to the Server. User profiles are exported.

The guest profile cannot be deleted or renamed.

---

**Setting user profile options**

Multimedia system:

- System ➤ Personalization
  - Highlight a profile.
  - Select options.

The following options are available:

- **Rename**
- **Delete**
- **Reset**

---

**Software update**

**Information on software updates**

The multimedia system provides a message when an update is available.

Depending on the source, you can perform various updates:

<table>
<thead>
<tr>
<th>Source of the update</th>
<th>Update type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet</td>
<td>Navigation map, system updates, Digital Operator’s Manual</td>
</tr>
<tr>
<td>External storage medium, e.g. USB flash drive</td>
<td>Navigation maps</td>
</tr>
</tbody>
</table>

Software updates ensure your vehicle's technology is always up-to-date.

In order to constantly improve the quality of our services you will receive future updates for your multimedia system, the Mercedes-Benz mbrace® services and your vehicle’s communication module. These will conveniently be sent to you via the mobile phone connection in your vehicle and, in many cases, installed automatically. You can monitor the status of your updates at any time on the Mercedes me portal and find information about potential innovations.
Your advantages at a glance:
- conveniently receive software updates via the mobile phone network
- the long-term quality and availability of Mercedes-Benz mbrace® is guaranteed
- keep your multimedia system and communication module up-to-date

Further information about software updates can be found at http://me.mercedes-benz.com

Performing a software update

Requirements
- An Internet connection is required for updates which are obtained online.

Multimedia system:

- System ➤ Software Update

Automatically

Requirements
- Your vehicle has a built-in communication module.

- Activate Automatic Online Update.
  Updates are performed.
  The current status of the updates is displayed.

Manually

- Deactivate Automatic Online Update.
- Select an update from the list and start the update.

Searching for new Updates

Requirements
- Your vehicle does not have a built-in communication module.
- An Internet-enabled mobile phone is connected to the multimedia system (➤ page 275).

- Select Search for New Updates.
  The list of available updates is refreshed.
- Select an update and start the update.
  The selected update is downloaded via the connected mobile phone.

Activating the software update

- Restart the system.

Important system updates

Important system updates may be necessary for the security of your multimedia system’s data. Please install these updates, or else the security of your multimedia system cannot be ensured.

- If automatic software updates are activated, the system updates will be downloaded automatically (➤ page 247).

As soon as an update is available for download, a corresponding message appears on the multimedia system display.

You have the following selection options:
- Download
  The update will be downloaded in the background.
- Details
  Information about the pending system update is displayed.
- Later
  The update can be downloaded manually at a later time (➤ page 247).
If the download is completed and the update is ready for installation, you will be informed of this after the next ignition cycle, for example.

Requirements for the installation:
- The ignition is switched off.
- Notes and warnings have been read and accepted.
- The electric parking brake is applied.

If all requirements are met, the update will be installed. The multimedia system cannot be operated while the 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 center console display. Please consult a qualified specialist workshop to resolve the problem.

### Reset function

**Multimedia system:**

> System ➔ Reset

Personal data is deleted, for example:
- station presets
- connected mobile phones

> Select Yes.

If PIN protection is activated, a prompt appears asking if you also wish to restore this to the factory settings during a reset.

> Select Yes
> Enter the current PIN.
> The PIN is reset.

Or

> Select No.
> The current PIN stays the same after resetting.

If you have forgotten your PIN, an authorized Mercedes-Benz Center can deactivate your PIN protection for you.

A prompt appears again asking whether you really wish to reset.

> Select Yes.
> The multimedia system is reset to the factory settings.
Navigation
Switching navigation on

Multimedia system:

Alternatively: press the NAVI button. The map appears and shows current vehicle position 1.

If a climate control setting is changed, a climate bar appears briefly.

Showing/hiding the navigation menu

Requirements

- The map shows the vehicle’s current position.

To show: swipe left on the touchpad or the Touch Control.

or

Slide the controller to the left.

To hide: swipe right on the touchpad or the Touch Control.

or
Slide the controller to the right.

To show or hide lower menu levels, swipe or slide to the left or right as many times as necessary.

**Destination entry**

**Entering a POI or address**

Multimediasystem:

1. **Navigation**

2. **Show the navigation menu.**
3. **Select ** Enter Destination.**
4. The state or province in which the vehicle is located is set **.

There are two available methods of destination entry:

- free search **
- step-by-step search **

**Method 1: free search**

- Enter the POI or address in **. The entries can be made in any order.
- During destination entry, suggestions are made by the multimedia system. A selection of destinations appears in a list.
- Enter these address elements, for example:
  - city, street, house number
  - street, city
  - ZIP code
  - POI name
  - POI category, e.g. **

**To switch to handwriting recognition:** select **.**

**To switch to character selection:** press the ** button.

Press the touchpad.

**To delete an entry:** select ** (if available).

- Press briefly: deletes the last character entered or the last suggestion adopted.
- Press and hold: deletes the entire entry.

**To set the language:** select **.

Select the language.

**To call up the online search function:** select **.**

Once an Internet connection is established, a list appears. It shows online destinations related to the previous entry.

Online destinations are provided by the Internet service provider.

This function is useful for countries in which several character sets are supported. An example is Russia, which uses Cyrillic and Latin characters.
Select the online destination.

or

Enter an online destination in the input line.

Online search is not available in all countries.

Requirement (USA): Mercedes-Benz mbrace® is activated.

To call up the list: press the button.

or

If the top line of the character bar is highlighted, navigate upwards.

Select the destination in the list.

To adopt a destination: select Select Destination.

If there are several listings for a destination, a list appears.

Select the destination.

The destination address is shown.

Method 2: search step-by-step

Press the button.

or

If the top line of the character bar is highlighted, navigate upwards.

The character bar is hidden. City or ZIP is highlighted. Additional entry fields, e.g. for POI, are available.

Select City or ZIP.

The character bar appears.

Enter the city or the ZIP code.

During destination entry, suggestions are made by the multimedia system. A selection of destinations appears in a list.

The address entries can be made in any order, for example:

- City or ZIP, Street, House No.
- Enter an intersecting street, if available.
- Street, City or ZIP
- POI, e.g. Gas Station, City or ZIP

During destination entry, use the following functions:

- switching to handwriting recognition
- switching to character selection
- deleting an entry

An entry, e.g. POI, can be deleted with in a step-by-step search. Navigate to the left to do so.

- call up online search function (if available)
- calls up a list

The functions are described in the free search.

To change the state/province: select the state or the province.

Enter the state or the province. You only need to enter the first character.

Select the state or the province in the list.

To change the country: select the country.

Enter the country. You only need to enter the first character.

Select the country on the list.

To adopt a destination: select Select Destination.

If there are several listings for a destination, a distance-orientated list appears.
Select the destination.
The destination address is shown.

Selecting previous destinations
Multimedia system:

- Select Previous Destinations.
- Select the destination suggestion or the destination.
The destination address is shown.

 alternatively: if a favorite has been saved
(→ page 263), select From Global Favorites.
- Select the favorite.
The destination address is shown.

Selecting a POI
Multimedia system:

- Select the category.
- If route guidance is not active: the search begins in the vicinity of the current vehicle position. The list is sorted by distance in ascending order.
- If route guidance is active: the search begins after selecting a search position.
The POIs show the following information:
  - name of POI
  - linear distance to the POI
  - the direction of the linear distance to the POI (arrow) is displayed when searching for the vehicle’s current position
- Select the POI.

- Route guidance is active: select the search position prior to choosing a POI.

- If intermediate destinations are set, these can also be selected as the search position after selecting Near Destination.

Method 2

- Select All Categories.
- Select the category.
- Select the POI.

 Route guidance is active: select the search position prior to choosing a POI.
- If intermediate destinations are set, these can also be selected as the search position after selecting Near Destination.

Alternatively filtering the display by POI

- Enter a search term in the Search: line.
The results list shows relevant POIs.
- Select the POI.
The first POI in the list is highlighted.
- Select the POI.
Example: setting the search position for the parking category during active route guidance

- Select In the Vicinity, Near Destination or Along the Route.
The list shows the located POIs or opens an overview of the route destination after selecting Near Destination.
- Select the POI.
- Select Near Destination: select the intermediate destination or the destination.

Starting an automatic gas station search

Requirements:
- The automatic gas station search is activated (→ page 258).

Driving situation
Route guidance is active. The fuel level in the fuel tank reaches the fuel reserve.
The Reserve Fuel Would you like to start a search for surrounding gas stations? message is shown.

- Select Yes.
The automatic gas station search begins. The available gas stations along the route or in the vicinity of the vehicle's current position are displayed.
- Select the gas station.
The address of the gas station is displayed.
- If route guidance is not active, select Start Route Guidance.
The selected gas station is set as the destination. Route guidance begins.

If there are already four intermediate destinations: select Yes in the prompt.
The selected gas station is entered into position 1 of the intermediate destinations menu. Intermediate destination 4 is deleted. Route guidance begins.

Entering an intermediate destination

Requirements
- A destination is entered.

Entering an intermediate destination

Requirements
- A destination is entered.

Multimedia system:
- Navigation Intermediate Destinations and Info
- Select Search for an Intermediate Destination.
- Enter the intermediate destination as a POI or address (→ page 250).
- Select the intermediate destination.
- Select Set as Destination.

or

- If route guidance is active, select Start New Route Guidance or Set as Next Intermediate Destination.
  Start New Route Guidance: the selected gas station is set as a new destination. The previous destinations and intermediate destinations are deleted. Route guidance to the gas station begins.
  Set as Next Intermediate Destination: the selected gas station is set as the next intermediate destination. Route guidance begins.
Select an intermediate destination using \( \text{Enter Destination} \) during route guidance.

Select Set as Next Intermediate Destination after entering the destination.

**Editing intermediate destinations**

**Requirements:**
- A destination is entered.

Multimedia system:

- \( \rightarrow \) **Navigation** \( \rightarrow \) **Way Points and Info**

- **To change the order of destinations:** highlight the destination or the intermediate destination.
- Select \( \square \) **Move**.
- Move the intermediate destination to the desired position.
- Press the Touch Control, the controller or the touchpad.

- **To call up the map:** highlight the destination or the intermediate destination.
- Select \( \square \) **Map**.

- Move the map (→ page 268).
- Select destination on the map (→ page 255).

- **To delete a destination:** highlight the destination or the intermediate destination.
- Select \( \square \) **Delete**.

**Calculating a route with intermediate destinations**

**Requirements**
- The destination and at least one intermediate destination have been entered.

Multimedia system:

- \( \rightarrow \) **Navigation** \( \rightarrow \) **Intermediate Destinations and Info**
- Select **Start New Route Guidance**.

- The route is calculated with the set intermediate destinations.

**Selecting a contact**

**Requirements**
- A mobile phone is connected to the multimedia system (→ page 275).

Multimedia system:

- \( \rightarrow \) **Navigation** \( \rightarrow \) **Previous and Other Destinations** \( \rightarrow \) **Contacts**
- Select the contact.
- The contact details are displayed.
- Select the address.

**Alternatively filtering the display by contacts**
- Enter a name or telephone number, for example, into the search field.
- Select \( \square \) **ok**.
- The first contact in the list is highlighted.
- Select the contact.
- Select the address.

**Entering geo-coordinates**

Multimedia system:

- \( \rightarrow \) **Navigation** \( \rightarrow \) **Previous and Other Destinations** \( \rightarrow \) **Geo-coordinates**
- Enter geo-coordinates as latitude and longitude coordinates in degrees, minutes and seconds.
- The map shows the position.
Confirm the entry.

To calculate a route: select Start Route Guidance.

If a route has already been created, select Start New Route Guidance or Set as Intermediate Destination.

Selecting from the map
Multimedia system:
Navigation ➤ Options ➤ Map Menu

Alternatively: if the map is displayed in full screen mode, press the Touch Control, the controller or the touchpad.
The map menu appears.
Select "move map" in map menu ➤ (→ page 267).
Swipe in any direction on the Touch Control or touchpad.

or

Slide the controller in any direction.
The map moves in the corresponding direction under the crosshair. The more you move your finger away from the starting position on the touchpad, the faster the map moves.

Press the Touch Control, the controller or the touchpad.
If several destinations are located around the crosshair, a list shows the available POIs and roads.
If a destination is located exactly on the crosshair, the destination address is displayed.
Select the destination in the list.
The destination address is shown.
Setting the map orientation to 2D or 3D

Highlight Map Orientation: 2D/3D.
Press the Touch Control, the touchpad or the controller.
The map will be displayed in the selected map orientation.
Showing traffic messages in the vicinity of the map

Select Traffic Messages for the Vicinity.
The map appears.
Swipe left or right on the touchpad.

or

Slide the controller to the left or right.
The previous or next traffic incident is highlighted on the map. Information on the traffic incident is displayed.

Showing POIs in the vicinity of the map

Select POIs in the Vicinity.

or

Slide the controller to the left or right.
The previous or next POI is highlighted on the map. The name or the address is shown.
Alternatively, to filter the display by POI category: swipe down on the Touch Control or the touchpad.

or

Select the POI category.

User Defined allows personal POI symbols to be selected (→ page 269).
Route

Calculating a route

Requirements:
- The destination has been entered.
- The destination address is shown.

- If route guidance is not active, select **Start Route Guidance**.
  The route to the destination is calculated. The map shows the route. Route guidance then begins.

- or

- If route guidance is active, select **Start New Route Guidance** or **Set as Next Intermediate Destination**.
  **Start New Route Guidance**: the selected destination address is set as a new destination. The previous destinations and intermediate destinations are deleted. Route guidance to the new destination begins.
  **Set as Next Intermediate Destination**: the selected destination address is set as the next intermediate destination. Route guidance begins.

Taking alternative routes into consideration
- Select an alternative route (→ page 258).

Other menu functions
- **To save the destination**: select 📁 Store in "Previous Destinations".
- **To display on the map**: select 🗺 Map.
- **To call a telephone number**: select 📞 Call.
- **To call up an Internet address**: select 🌐 www (if available).

Selecting a route type
Multimedia system:

- 🟢Navigation ➔ Route and Position
  - Select Route Settings.
  - Select the route type.
  - A route has already been created: the route is calculated on the basis of the new route type.
  - A route has not been created: the next route is calculated on the basis of the new route type.

- **Eco Route**
  An economical route is calculated. The journey time may be somewhat longer than for quicker routes.
  The symbol for the current vehicle position is displayed in green.

- **Fast Route**
  A route with a quick journey time is calculated.

- **Short Route**
  A route with a short driving distance is calculated.

**Automatic Traffic Jam Avoidance** can be switched on ✔️ or off ☐ for these route types. If **Automatic Traffic Jam Avoidance** is switched on, **Ask in the Event of Traffic Jam Avoidance** is selected.
The route types **Automatic Traffic Jam Avoidance** and **Ask in the Event of Traffic Jam Avoidance** are not available in every country.

- **Automatic Traffic Jam Avoidance**
The route is calculated with the currently set route type.
Traffic reports via Live Traffic Information are taken into account.
Live Traffic Information is not available in all countries.

- **Ask in the Event of Traffic Jam Avoidance**
  A prompt appears when a new route is detected with a shorter journey time based on traffic reports. You can continue to use the current route or use the dynamic route instead.

**Selecting route options**

- **Multimedia system:**
  - Navigation ➤ Options ➤ Route and Position ➤ Avoid Options

**Avoiding areas**

- Select Areas (→ page 270).

**Avoiding motorways, ferries, motorail trains, tunnels, unpaved roads**

- Select ✔️ or deselect ☐ avoid option.

**Using toll roads**

- Select Use Toll Roads.
- Select Cash or Electronic Billing or Off. The route takes into account roads that require the payment of a usage fee (toll).
  - If Off is selected, toll roads are not taken into account.

The selected route options cannot always be implemented. Therefore, a route may include a ferry, for instance, even though the avoid Ferries option is enabled. A message appears and you will hear a corresponding message.

**Using carpool lanes**

- Select Number of Occupants in the Vehicle.
- Select number.
  - When using carpool lanes, observe the applicable legal requirements as well as any conditions pertaining to when and where such lanes may be used. Carpool lanes may only be used if certain conditions are met.

These route options are not available in every country.

**Selecting notifications**

- **Multimedia system:**
  - Navigation ➤ Options ➤ Announcements

- Switch announcements on ✔️ or off ☐.
  - **Announce Traffic Warnings**
    - The function is not available in all countries.
  - **Announce Street Names**
    - The multimedia system announces the names of the roads that will follow the upcoming change of direction.
    - This function is not available in all countries and languages.

**Displaying destination information**

- **Requirements:**
  - A destination is entered.
Multimediasystem:

Select Intermediate Destinations and Info.
The following information is displayed:
- intermediate destinations and destination
  The route can also include up to four
intermediate destinations.
- name, address
- remaining driving distance
- time of arrival

Selecting an alternative route
Multimediasystem:

Select Alternative Route.
The routes are displayed in accordance with
the setting made in the route settings.
The currently selected route is shown with a
dark blue line.
Select the alternative route.

Switching the automatic gas station search on/off
Multimediasystem:

Switch Reserve Fuel on ☑ or off ☐.
Switched on ☑: when the fuel reserve level
is reached, a prompt appears asking whether
you want to start searching for gas stations.

Starting the automatic service station search
Requirements:
- ATTENTION ASSIST and the Suggest Rest
  Area function are activated (→ page 195).

Driving situation
The Attention Assist Do you want to search for
a rest area? message is shown.
Select Yes.
The service station search starts. The availa-
ble service stations along the route or in the
vicinity of the vehicle’s current position are
displayed.
Select the service station.
The service station address is displayed.

If route guidance is not active, select Start
Route Guidance.
The selected service station is set as a desti-
nation. Route guidance begins.

or

If route guidance is active, select Start New
Route Guidance or Set as Next Intermediate
Destination.
Start New Route Guidance: the selected
service station is set as a new destination.
The previous destination and all intermediate
destinations are deleted. Route guidance to
the service station begins.
Set as Next Intermediate Destination: the
selected service station is set as the next
intermediate destination. Route guidance begins.
# Route guidance

## Notes on route guidance

**WARNING** Risk of distraction from operating integrated communication equipment while the vehicle is in motion

If you operate communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- Only operate this equipment when the traffic situation permits.
- If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

Route guidance begins once a route has been calculated.

The road and traffic rules and regulations always have priority over multimedia system driving recommendations.

Driving recommendations are:
- Navigation announcements
- Route guidance displays
- Lane recommendations

If you do not follow the navigation announcements or if you leave the calculated route, a new route is calculated automatically.

Driving recommendations may differ from the actual road and traffic conditions if:
- the route is diverted.
- the direction of a one-way street has been changed.

For this reason, you must always observe road and traffic rules and regulations during your journey.

The route may differ from the ideal route due to the following:
- roadworks
- incomplete digital map data

---

### Changing direction overview

There are three phases when changing direction:

- **Preparation phase**
  
  If there is enough time between the changes of direction, the multimedia system prepares you for the upcoming change of direction. A navigation announcement, e.g. "Prepare to turn right", is issued.
The map appears in full-screen mode.

- **Announcement phase**
  The multimedia system announces the upcoming change of direction, e.g. by announcing "Turn right in 300 feet (100 m)".
  The display is split into two parts. The map is displayed on the left; on the right, there is a detailed image of the junction or a 3D image of the upcoming change of direction.

- **Change-of-direction phase**
  The multimedia system announces the imminent change of direction, e.g. by announcing "Now turn right".
  The display is split into two parts.
  The vehicle has successfully changed direction when the light-colored bar on the right drops down to 0 feet (0 meters) and the current vehicle position symbol has reached the highlighted change-of-direction point.
  When the change of direction is complete, the map appears in full-screen mode.

Changes of direction are also shown in the Instrument Display.

**Lane recommendations overview**
This display appears for multi-lane roads. If the digital map contains the relevant data, the multimedia system can display lane recommendations for the next two changes of direction.

- **Recommended lane**
  In this lane, you will be able to complete both the next change of direction and the one after that.
- **Possible lane**
  In this lane, you will only be able to complete the next change of direction.
- **Lane not recommended**
  In this lane, you will not be able to complete the next change of direction without changing lane.

During the change of direction, new lanes may be added.

Lane recommendations can also be displayed in the Instrument Display and in the Head-up Display.

**Destination reached**
Once the destination is reached, you will see the checkered flag. Route guidance is finished.

When an intermediate destination has been reached, you will see the intermediate destination flag with the number of your intermediate
destination 🗺. After this, route guidance is continued.

**Switching navigation announcements on/off**

**Requirements:**
- a route has already been created.
- route guidance is active.

**To switch off:** press the 🛎 button on the multifunction steering wheel during a navigation announcement.

or

Press on the volume control to the right of the controller during a navigation announcement (→ page 234).
The Voice Guidance has been deactivated. message appears.

or

Show the navigation menu (→ page 249).

Select 🗺 Voice Guidance.
The symbol changes to 🗺.

**To activate:** select 🗺 Voice Guidance.
The current navigation announcement is played.

In the following situations, navigation announcements are switched on automatically:
- A new route guidance is started.
- The route is recalculated.

You can access and add this function as a favorite under Voice Guidance On/Off.

**Switching navigation announcements on/off during a phone call**

- Select System.
- Select 🎧 Audio.
- Select Navigation and Traffic Announcements.
- Switch Voice Guidance During Call on ✔ or off ☐.

**Adjusting the volume of navigation announcements**

**Requirements:**
- a route has already been created.
- route guidance is active.

**On the multifunction steering wheel or on the multimedia system**

- Press the + or - button on the multifunction steering wheel during a navigation announcement.

or

- Turn the volume control to the right of the controller during a navigation announcement (→ page 235).

In the following situations, the volume is raised to the minimum volume or lowered to the maximum volume:
- A new route guidance is started.
- The route is recalculated.

The minimum volume can be individually set at an authorized Mercedes-Benz Center.

**Via system settings**

- Select System.
- Select 🎧 Audio.
- Select Navigation and Traffic Announcements.

Select Voice Guidance Volume.
Set the volume.

Switching audio fadeout on/off during navigation announcements
- Select System.
- Select Navigation and Traffic Announcements.
- Select Audio Fadeout During Voice Guidance on or off.

Repeating navigation announcements
Requirements:
- a route has already been created.
- route guidance is active.
Multimedia system:
- Select Driving Recommendation.
- Select Driving Recommendation.

The current navigation announcement is repeated.

You can access and add this function as a favorite under Repeat Spoken Driving Recommendation.

Canceling route guidance
Requirements:
- a route has already been created.
- route guidance is active.
Multimedia system:
- Select Navigation.
- Select Cancel Route Guidance.

Continuing route guidance
Requirements:
- a route has already been created.
- route guidance is interrupted.
If the journey was interrupted for less than 2 hours, route guidance continues automatically.

You can enter off-road destinations on the map. Route guidance guides you for as long as possible with navigation announcements and displays on roads that are known to the multimedia system.

Shortly before you reach the last known position on the map, you will hear the "Please follow the direction arrow" announcement. The display shows a direction arrow and the linear distance to the destination.

Route guidance from an off-road location to a destination
Off-road position: the current vehicle position is located within the digital map on roads that are not available.
The following displays appear when route guidance begins:
- the **Road Not Mapped** message
- a direction arrow showing the linear direction to the POI

When the vehicle is back on a road known to the multimedia system, route guidance continues as normal.

**Notes on the off-road status during route guidance**
Due to roadworks, for example, there may be differences between the data on the digital map and the actual course of the road. In such cases, the multimedia system will temporarily be unable to locate the vehicle's current position on the digital map. The vehicle is off-road.

The following displays appear when the vehicle is off-road:
- the **Road Not Mapped** message
- a direction arrow showing the linear direction to the POI

When the vehicle is back on a road known to the multimedia system, route guidance continues as normal.

**Destination**

**Saving the current vehicle position**

Multimedia system:  
- **Navigation**

- If the map is displayed in full screen mode, press the central control element. The map menu appears.
- Select 1 on the map menu (→ page 267). The current vehicle position is saved to the "Previous destinations" memory.

**Storing a map position**

Multimedia system:  
- **Navigation**

The map is in full-screen mode.
- Press the Touch Control, the controller or the touchpad.
- Select "move map" in map menu 2 (→ page 267).

Select a position on the map. If multiple entries are available for a map position, a list appears.
- Highlight an entry.
- Select **Store in "Previous Destinations"**. The map position is saved to the "Previous destinations" memory.

**Editing the previous destinations**

Multimedia system:  
- **Navigation**  
- **Previous and Other Destinations**  
- **Previous Destinations**

- Highlight one of the previous destinations.
- **To save as a favorite:** select **Save as Global Favorite**. The favorites are displayed.
- Move the favorite to the desired position. If a favorite has already been added at this position, it will be overwritten.
- **To save as "Home" address:** select **Save as "Home"**.
To save as "Work" address: select ¥ Save as "Work".

To delete a single or all destinations: select ¥ Delete or Delete All. A prompt appears.

Select Yes.

To display destination information: select ¥ Details.

Using intelligent destination suggestions
Multimedia system:

Navigation Options Intelligent Destination Suggestions

The navigation system learns the user habits of the driver. The most probable destinations are suggested.

Activate Allow destination suggestions ☑. The vehicle can provide destination suggestions based on navigation destinations that have been visited.

If the function has been activated, destination suggestions are shown in previous destinations and can be selected for route guidance.

If a destination is received: select Yes and continue with method 1 or 2.

If a destination was received with photo information, select Start Route Guidance. Route guidance starts.

Method 1: if route guidance is not activated, select Start Route Guidance. The route to the destination is calculated. The map shows the route. Route guidance then begins.

Method 2: if route guidance is active, select Start New Route Guidance or Set as Next Intermediate Destination.

Start New Route Guidance: the received destination address is set as a new destination. The previous destinations and intermediate destinations are deleted. Route guidance to the new destination begins.

Set as Next Intermediate Destination: the received destination address is set as the next new intermediate destination. Route guidance begins.
A route has been received: select Start Route Guidance from Beginning of Route or Start Route Guidance from Current Position. Route guidance starts from the selected position.

Route guidance with current traffic reports

Traffic information overview
Traffic reports are received using Live Traffic Information and are used for route guidance. This service is unavailable in some countries. There may be differences between the traffic reports received and the actual road and traffic conditions.

Important information on Live Traffic Information:
- Current traffic reports are received via the Internet connection.
- The traffic situation is updated at short, regular intervals.
- The subscription information shows the status (→ page 265).

Information on the vehicle's position is regularly sent to Daimler AG. The data is immediately rendered anonymous by Daimler AG and forwarded to the traffic data provider. Using this data, traffic reports relevant to the vehicle's position are sent to the vehicle. The vehicle acts as a sensor for the flow of traffic and helps to improve the quality of the traffic reports.

If you do not wish to transmit your vehicle position, you can have this service deactivated at an authorized Mercedes-Benz Center.

Displaying subscription information

Requirements:
- The vehicle is equipped with Live Traffic Information.

Multimedia system:

To display manually: select Live Traffic Subscription Info. Depending on the status, one of the following messages appears:
- the period of validity for the subscription is displayed.
- the subscription has expired.

The subscription can be extended:
- at an authorized Mercedes-Benz Center
- via an MB Info call to the Mercedes-Benz Customer Assistance Center

Displaying the traffic map

Requirements:
- For Live Traffic Information: the vehicle is equipped with a communication module featuring an activated, integrated SIM card.
- When the vehicle is started, the communication module automatically establishes an Internet connection. Traffic information is made available shortly afterwards.
Multimediasystem:

Alternatively: if the map is displayed in full screen mode, press the Touch Control, the controller or the touchpad. The map menu appears.

The traffic map shows the following information, for example:

- traffic incidents, for example:
  - roadworks
  - road blocks
  - warning messages

The symbols for traffic incidents are displayed in color (on the route) or gray (off the route).

- traffic flow information:
  - traffic jam (red line)
  - congested traffic conditions (orange line)
  - slow-moving traffic (yellow line)
  - free-flowing traffic (green line)

- display for traffic delays on the route lasting at least one minute

- warning message symbols:
  - symbol  
  - additional road safety notes when approaching a traffic incident, e.g. the end of a traffic jam

If the vehicle approaches a danger area on the route, a warning message is displayed on the map. A warning message may also be issued (→ page 267).

Activating free flow and traffic display

Activate ✓ Free Flowing Traffic and Traffic Delays.

The traffic delay is displayed for the current route. Traffic delays lasting one minute or longer are taken into consideration.

Displaying details

- Displaying the traffic map (→ page 265).
- Moving the map (→ page 268).
- When a traffic report symbol is under the crosshair, press the Touch Control, the controller or the touchpad. The traffic report details are displayed.

or

- Press the Touch Control, the controller or the touchpad.
- Select Information on Traffic Reports. The map shows the traffic report symbols in the vicinity.

Traffic report information is displayed in the status line:

- traffic report symbol
- reason for the traffic report, e.g. traffic jam
- warning message (highlighted in red)

**To select a traffic report symbol:** select Next or Previous.

Press the Touch Control, the controller or the touchpad. The traffic report details are displayed.

**Issuing hazard alerts**

Multimedia system:

- Navigation
- Options
- Announcements

- Activate **Announce Traffic Warnings.** Warning messages are issued and tailbacks which pose a risk are announced.

**Map and compass**

**Map and compass overview**

1. Saves the current vehicle position
2. Moves the map
3. Selects the map orientation and map view
4. Selects the function depending on the equipment:
   - To transmit a hazard alert (Car-to-X)
5. To filter the display of POIs in the vicinity according to POI category
6. Switches the display of personal POI symbols on the map on or off
7. Switches one of the following displays on or off depending on the equipment:
   - Weather information
   - Satellite map
   - Traffic incidents
8. Switches the traffic map display on or off

The map and satellite images are shown in globe projection. This allows for a realistic map display in all map scales. The map uses elevation modeling.

Depending on the map data, important buildings in many cities are depicted realistically on the map in small map scales (1/32 mi (20 m), 1/16 mi (50 m)). Other buildings are shown as models.

You can set the unit of measurement of the map scale (→ page 243).
If online information is available, fuel prices and the availability of parking spaces in parking garages are displayed, for example.

Online information is not available in all countries.

Requirement (USA): Mercedes-Benz mbrace® is activated.

If Display in COMAND is activated in Traffic Sign Assist (→ page 196), speed limits and overtaking restrictions are displayed on the map.

Company logos displayed on the map are trademarks of the respective companies and used solely for the purpose of indicating the locations of these companies. The use of such logos on the map does not indicate approval of, support of or advertising by these companies for the navigation system itself.

Setting the map scale
Requirements:

- The map is shown.

Multimedia system:

- **Navigation**
  - **To zoom in:** swipe down on the Touch Control.
    - or
    - Turn the controller anti-clockwise.
    - or
    - Move two fingers apart on the touchpad.
  - **To zoom out:** swipe up on the Touch Control.
    - or
    - Turn the controller clockwise.
    - or
    - Move two fingers together on the touchpad.

You can set the unit of measurement of the map scale (→ page 243).

Moving the map
Multimedia system:

- **Navigation** → **Options** → **Map Menu**

- Alternatively: if the map is displayed in full screen mode, press the Touch Control, the controller or the touchpad. The map menu appears.
- Select "move map" in map menu (→ page 267).
- Swipe in any direction on the Touch Control or touchpad.
- or
- Slide the controller in any direction. The map moves in the corresponding direction under the crosshair. The further you move your finger away from the starting position on the touchpad, the faster the map moves.
Selecting the map orientation
Multimedia system:

- Select Map Menu

Alternatively: if the map is displayed in full screen mode, press the Touch Control or the touchpad.
The map menu appears.

In map menu 3, select N, 2D or 3D (→ page 267).
- N: the 2D map view is displayed so that north is always at the top.
- 2D: the 2D map view is aligned to the direction of travel.
- 3D: the 3D map view is aligned to the direction of travel.

Selecting POI symbols
Multimedia system:

- Select POI Symbols.
The dot indicates the current setting.
Standard displays symbols of predefined categories on the map.
User Defined allows you to personally select the symbols for the available categories.
None switches the display off.

- Select a setting.

User Defined: select categories.
The POI symbols of the selected categories are displayed ✓ or not displayed □.

Selecting text information
Multimedia system:

- Select text information.
Current Street shows the street you are currently driving on at the bottom of the display.
When the map is moved, the following information appears under the crosshair:
  - street name
  - POI name

- area name

Geo-coordinates displays the following information:
  - longitude and latitude
  - elevation
    The elevation shown may deviate from the actual elevation.
  - number of satellites from which a signal can be received
    When the map is moved, this information does not appear.

Climate Control displays the current climate control settings.
None switches the display off.

Switching highway information on/off
Multimedia system:

- Switch Highway Information on ✓ or off □.
The function is switched on ✓: during a journey, additional information on upcoming facilities appears on the right side of the
Avoiding an area
You can define areas along a route that you would like to avoid.

Avoiding a new area
Multimedia system:
Navigation ➔ Route and Position ➔ Avoid Options ➔ Areas

- Select Avoid New Area.
- To search for an area via the map: select Using Map.
- Move the map or
- To search for an area using an address: select Address Entry.
- Enter the address.
- Select Select Destination.
- The map appears.
- To display an area: press the Touch Control, the touchpad or the controller.
- A red rectangle appears. This designates the area that should be avoided.
- To change the size of the area: swipe up or down on the Touch Control or the touchpad.

- Slide the controller up or down. The map scale is enlarged or reduced and changes the size of the area.
- To set the area: press the Touch Control, the touchpad or the controller. The area is entered into the list.

Changing an area
Multimedia system:
Navigation ➔ Route and Position ➔ Avoid Options ➔ Areas

- Highlight an area in the list.
- Select.

Moving the area on the map
- Swipe in any direction on the Touch Control or touchpad.

- Slide the controller in any direction.

Changing the size of the area
- To start: press the Touch Control, the touchpad or the controller.
To change: swipe up or down on the Touch Control or the touchpad.

or

Slide the controller up or down.

To stop: press the Touch Control, the touchpad or the controller.

Taking the area for the route into account

Avoid an area in the list.

If route guidance is active, a new route is calculated.

If there is no route yet, the setting is carried over to the next route guidance.

The route can include an area that is to be avoided in the following cases:

- the destination is located in an area that is to be avoided
- there is no sensible alternative route

Deleting one or all areas

Multimedia system:

- Navigation ➤ Route and Position ➤ Avoid Options ➤ Areas
- Highlight an area in the list.
- Select Delete or Delete All.
- Confirm the prompt with Yes.

One or all areas are deleted.

Map data update overview

Updating at the authorized Mercedes-Benz Center

The digital maps generated by the map software become outdated in the same way as conventional road maps. Optimal route guidance can only be provided by the navigation system in conjunction with the most up-to-date map data. Information about new versions of the digital map can be obtained from an authorized Mercedes-Benz Center.

You can receive updates to the digital map there.

Information on map data

Your vehicle is supplied with map data at the factory. Depending on the country, map data for your region is either pre-installed or the map data is supplied on a data storage medium. You do not require an activation code for the map data which is provided with your vehicle.

If the map data on your vehicle has been installed at the factory and you wish to reinstall it, you do not need to enter the activation code.

An activation code is required for purchased map data.

Observe the following notes:

- The activation code can be used for one vehicle
- The activation code is not transferable
- The activation code has six digits

In the event of the following problems, please contact an authorized Mercedes-Benz Center:

- The multimedia system does not accept the activation code
- You have lost the activation code
Displaying the compass
Multimedia system:

- Select Compass.

The compass display shows the following information:
- the current direction of travel with bearing (360 degree format) and compass direction
- longitude and latitude coordinates in degrees, minutes and seconds
- height (rounded)
- number of GPS satellites from which a signal can be received

Setting the map scale automatically
Multimedia system:

- Switch Auto Zoom on ✓ or off ❌.

The automatically selected map scale can be changed manually for a short time. The setting is reset automatically after a few seconds.

Displaying the satellite map
Multimedia system:

- Switch Satellite Map on ✓ or off ❌.

Displaying weather information
Multimedia system:

- Activate ✓ Weather Information.

If weather information display ✓ is available in the map menu, activate ✓ (→ page 267) it. Current weather information is displayed on the navigation map, e.g. temperature or cloud cover.

Requirement (USA): Mercedes-Benz mbrace® is activated.

Weather information is not available in all countries.
Calling up the Digital Operator’s Manual
(navigation)

Calling up information on navigation
Multimedia system:
¬ ¬ Navigation ¬ Options ¬ Naviga-
tion Info
¬ Select the topic.

Telephone
Telephony
Telephone menu overview

1 Bluetooth® device name of the currently
connected mobile phone

2 Signal strength of the mobile phone network

3 Battery status of the connected mobile
phone

4 (telephone ready) or (call active)

5 Contacts (→ page 278)

6 Recent Calls (→ page 281)

7 Connect Device (→ page 275)

8 Text Message

9 Active call

10 Options

Symbols 1 to 4 are not shown until after a
mobile phone has been connected to the multi-
media system. The symbols depend on your
mobile phone and your mobile phone network
provider.
Bluetooth® profile overview

<table>
<thead>
<tr>
<th>Bluetooth® profile of the mobile phone</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBAP (Phone Book Access Profile)</td>
<td>Contacts are automatically displayed in the multimedia system</td>
</tr>
<tr>
<td>MAP (Message Access Profile)</td>
<td>Message functions can be used</td>
</tr>
</tbody>
</table>

Telephony operating modes overview

Depending on your equipment, the following telephony operating modes are available:

- A mobile phone is connected to the multimedia system via Bluetooth® (→ page 275).

Notes on telephony

**WARNING Risk of distraction from operating integrated communication equipment while the vehicle is in motion**

If you operate communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- Only operate this equipment when the traffic situation permits.
- If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

**WARNING Risk of distraction from operating mobile communication equipment while the vehicle is in motion**

If you operate communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation.

- If there is insufficient network coverage in the area
- You move from one GSM or MUST transmitter/receiver area (cell) into another and no communication channels are free
- The SIM card used is not compatible with the network available

This could also cause you to lose control of the vehicle. Only operate this equipment when the vehicle is stationary.

You must observe the legal requirements for the country in which you are currently driving when operating mobile communication equipment in the vehicle.

Further information can be obtained from an authorized Mercedes-Benz Center or at: http://www.mercedes-benz.com/connect.

Information on telephony

The following situations can lead to the call being disconnected while the vehicle is in motion:

- there is insufficient network coverage in the area
- you move from one GSM or MUST transmitter/receiver area (cell) into another and no communication channels are free
- the SIM card used is not compatible with the network available
• A mobile phone with "Twin card" is logged into the network with the second SIM card at the same time.

**HD Voice®**

• To improve voice quality, the multimedia system supports telephone calls in HD Voice®.

• In order to use this function, the mobile phones and the mobile phone network provider of the person you are calling must support HD Voice®.

Depending on the quality of the connection, the voice quality may fluctuate.

**Connecting a mobile phone (Bluetooth® telephony)**

**Requirements:**

• Bluetooth® is activated on the mobile phone (see the manufacturer’s operating instructions).

• Bluetooth® is activated on the multimedia system (→ page 239).

Multimedia system:

⇒ **Phone** ⇒ **[ ]** Connect Device

**Searching for a mobile phone**

⇒ Select **Connect New Device**.

⇒ Select **Start Search on System**.

The available mobile phones are displayed. If a new mobile phone is found, it is indicated by the [ ] symbol.

**Connecting a mobile phone (authorization using Secure Simple Pairing)**

⇒ Select the mobile phone.

A code is displayed in the multimedia system and on the mobile phone.

⇒ If the codes match: confirm the code on the mobile phone.

**Connecting a mobile phone (authorization by entering a passkey)**

⇒ Select the mobile phone.

⇒ Choose a one to sixteen-digit number combination as a passkey.

**On the multimedia system:** enter the passkey and select [OK].

**On the mobile phone:** enter the passkey again and confirm.

---

Up to 15 mobile phones can be authorized on the multimedia system. Authorized mobile phones are reconnected automatically.

**Switching mobile phones**

**Requirements:**

• The mobile phones are authorized (→ page 275).

Multimedia system:

⇒ **Phone** ⇒ **[ ]** Connect Device

⇒ In the device list, select a mobile phone which has already been authorized.

---

Only one mobile phone can be connected at any one time. The connected mobile phone is displayed at the top of the list.
Disconnected mobile phone (de-authorizing)

- Multimedia system:
  - Phone
  - Connect Device
  - Select the mobile phone from the device list.
  - Select [device name].
  - Select Deauthorize.
  - Select Yes.

Information on Near Field Communication (NFC)

NFC enables short-range wireless data transfer or (re)connection of a mobile phone with the multimedia system.

The following functions are available without having authorized a mobile phone:
- Transferring a URL to be viewed in the multimedia system (see the manufacturer's operating instructions).
- Setting up the vehicle's Wi-Fi access data via the system settings (→ page 241).

Further information can be found at: http://www.mercedes-benz.com/connect

Using the mobile phone with Near Field Communication (NFC)

**Requirements:**
- NFC is activated on the mobile phone (see the manufacturer's operating instructions)
- The mobile phone’s screen is switched on and unlocked (see the manufacturer's operating instructions)

![Diagram showing NFC connection process]

**To connect a mobile phone:** open stowage compartment cover 1.

Place the NFC area of the mobile phone (see manufacturer's operating instructions) on NFC logo 2 on the inside of the cover.

The mobile phone is connected to the multimedia system.

**To change mobile phones:** place the NFC area of the mobile phone (see manufacturer's operating instructions) on NFC logo 2. If the mobile phone has already been authorized on the multimedia system, it is now connected.

If the mobile phone is authorized on the multimedia system for the first time, it is connected after confirming the mobile phone instructions (see the manufacturer's operating instructions).

Further information can be found at: http://www.mercedes-benz.com/connect
Setting the reception and transmission volume

Requirements:
- A mobile phone is authorized (→ page 275).

Multimedia system:
Phone ➤ Connect Device
This function ensures optimal language quality.
- Highlight the mobile phone in the device list.
- Select ☑.
- Select Reception Volume or Transmission Volume.
- Set the volume.

Further information on the recommended reception and transmission volume: http://www.mercedes-benz.com/connect

Adjusting the call and ring tone volume
Multimedia system:
System ➤ Audio ➤ Phone
- Select Call Volume or Ringtone Volume.
- Set the volume.

Starting/stopping mobile phone voice recognition

Requirements
- The mobile phone is connected to the multimedia system (→ page 275).

Starting mobile phone voice recognition
- Press and hold the ₋ button on the multifunction steering wheel for more than one second.

You can use mobile phone voice recognition.

Stopping mobile phone voice recognition
- Press the ☑ or ☐ button on the multifunction steering wheel.

Calls

Using the telephone
Multimedia system:
Phone ➤ Contacts
Making a call
- Select Numerical Keypad.

Accepting a call
- Select Accept.

Rejecting a call
- Select Reject.

Ending a call
- Select ☑.

Activating functions during a call
- To show all functions, navigate down.

The following functions are available during a call:
- End Call
- Make Additional Call
- Keyboard (show to send DTMF tones)
- Switch Mute Mic on ☑ or off ☐.
- Private Mode (an active call in hands-free mode is transferred over to the telephone)
Conducting calls with several participants

Requirements:
- There is an active call (→ page 277).
- Another call is being made.

Switching between calls
- Select call ●. 
  The selected call is active. The other call is on hold.

Activating or ending a call on hold
- Select Continue Call or End Call.

Conducting a conference call
- Select Create Conference Call in the telephone menu. 
  The new participant is included in the conference call.

Ending an active call
- Select 📞. 
  On some mobile phones, the call on hold is activated as soon as the active call is ended.

Accepting/rejecting a waiting call

Requirements:
- There is an active call (→ page 277).
If you receive a call while already in a call, a message is displayed. An acoustic signal also sounds.
- Select Accept. 
  The incoming call is active. The previous call is on hold.
- Select Reject. 
  This function and behavior depends on your mobile phone network provider and the mobile phone (see the manufacturer’s operating instructions).

Contacts

Information about the contacts menu
The contacts menu contains all contacts from existing data sources, e.g. mobile phone or memory card.
It is possible to store up to 6,000 contacts:
- 3,000 entries are for permanently saved contacts.
- 3,000 for contacts loaded from the mobile phone.

From the contacts menu, you can perform the following actions:
- Using the telephone:
  - Calling a contact (→ page 280)
  - Calling a new number (→ page 277)
- Navigation (→ page 254)
- Compose messages (→ page 282)

If a mobile phone is connected to the multimedia system (→ page 275) and automatic calling up (→ page 278) is activated, the mobile phone’s contacts are displayed in the address book.

Downloading mobile phone contacts
Multimedia system:
- Phone ➜ Options

Automatically
- Activate ✔ Synchronize Contacts Automatically.
**Manually**

- Deactivate Synchronize Contacts Automatically.
- Select Synchronize Contacts.

**Calling up contacts**

Multimedia system:

- Phone Contacts

Depending on the character set, the following options can be used to search for contacts:

- searching by initials
- searching by name
- searching by phone number

- Enter characters into the search field.
  
  A selection of possible contacts appears. Entering more characters into the search field narrows down the number of possible selections.

- Select the contact.

A contact can contain the following details:

- phone numbers
- navigation addresses
- geo-coordinates
- Internet address

**Editing the format of a contact’s name**

Multimedia system:

- Phone Options Name Format

The following options are available:

- Last Name, First Name
- Last Name First Name
- First Name Last Name

- Select an option.

**Overview of importing contacts**

**Importing contacts as electronic business cards**

<table>
<thead>
<tr>
<th>Source</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory card</td>
<td>The SD memory card is inserted.</td>
</tr>
<tr>
<td>USB device</td>
<td>The USB device is inserted in the USB port.</td>
</tr>
</tbody>
</table>
### Source Requirements

<table>
<thead>
<tr>
<th>Bluetooth® connection</th>
<th>If the sending of vCards via Bluetooth® is supported, vCards can be received on mobile phones or netbooks, for example. Bluetooth® is activated in the multimedia system and on the respective device (see the manufacturer’s operating instructions).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobile phone</td>
<td>The mobile phone is connected to the multimedia system.</td>
</tr>
</tbody>
</table>

#### Importing contacts into the contacts menu

Multimedia system:

- Phone > Contacts
- Select Import.
- Select an option.

#### Saving a mobile phone contact

Multimedia system:

- Phone > Contacts
- Select the mobile phone contact.
- Select.
- Select Save to Vehicle.

The contact saved in the multimedia system is identified by the symbol.

#### Calling a contact

Multimedia system:

- Phone > Contacts
- Enter characters into the search field.
- Select the contact.
- Select the telephone number.

The number is dialed.

#### Selecting further options in the contacts menu

Multimedia system:

- Phone > Contacts
- Select a contact.
- Select.

Depending on the stored data, the following options are available:

- Call
- Send Text Message
- Show Website (if a web address has been stored)
- Navigate (if an address has been stored)
- Save My Favorite
- Send DTMF Tones (for a number with DTMF tones)

- Select an option.

#### Deleting a contact

Multimedia system:

- Phone > Contacts

You can delete contacts stored in the vehicle.

- Search for the contact.
- Select the contact.
- Select.
- Select Delete Contact.
- Select Yes.
**Call list**

**Call list overview**
If your mobile phone supports the PBAP Bluetooth® profile:
- The call lists from the mobile phone are displayed in the multimedia system.
- When connecting the mobile phone, you may have to confirm the connection for the PBAP Bluetooth® profile.

If your mobile phone does not support the PBAP Bluetooth® profile:
- The multimedia system generates its own call lists.
- The call list is not synchronized with the call lists in the mobile phone.

**Making a call from the call list**
Multimedia system:
- → Phone ➤ Recent Calls - Mobile phone
  - Select an entry. The call is made.

**Options in the call list**
Multimedia system:
- → Phone ➤ Recent Calls - Mobile phone
  - Highlight an entry.
  - Select 📞. The following options are available:
    - Send Text Message
    - Open Contact
  - Select an option.

**Text messages**

**Overview of text message functions**
If the connected mobile phone supports the MAP Bluetooth® profile, the text message functions can be used on the multimedia system. You can obtain further information about settings and supported functions of Bluetooth®-capable mobile phones from an authorized Mercedes-Benz Center or at: http://www.mercedes-benz.com/connect

Some mobile phones require further settings after being connected to the multimedia system (see manufacturer’s operating instructions).

New messages are identified by the 📱 symbol in the multimedia system’s display and an audible signal.

Depending on the mobile phone, the multimedia system only displays new incoming text messages or the 100 newest text messages.

**Configuring the displayed text messages**
Multimedia system:
- → Phone ➤ Options ➤ Message Display
  - Select 📩. A menu with the following options is shown:
    - All Messages
    - New and Unread Messages
    - New Messages
    - Off (The text messages are not displayed automatically.)
  - Select an option.
Reading text messages
Multimedia system:
  ➤ Phone ➤ Text Message

Reading a text message
➤ Select a text message.
➤ The message text is displayed.

Using the read-aloud function
➤ Select a text message.
➤ Select Read Aloud.
➤ The text message is read aloud.

Composing and sending a text message
Multimedia system:
  ➤ Phone ➤ Text Message
➤ Navigate to the left twice.
➤ Select Write New Text Message.

Adding a recipient
➤ Select Press to Add Recipient.
➤ Select the contact.

Dictating text
➤ Select Press to Dictate.
The app for the dictation function is loaded.
If there was no prior Internet connection, a
connection is now established.
➤ To start the dictation function: press the
controller or touchpad.
➤ Say the message.
The dictation ends automatically after you
have finished speaking.
After the voice message has been processed,
it is shown as text.

Editing text
➤ Select the word.
➤ To call up the correction menu: press the
controller or touchpad.
The following options are available:
  • adjusting the capitalization of words (if
supported by the character set)
  • expanding the choice of words
  • deleting the selection
  • recording a new dictation
➤ To leave the menu: select Done.

Sending text messages
➤ Select Send Text Message.

Replying to a text message
Multimedia system:
  ➤ Phone ➤ Text Message
➤ Select the text message.
➤ Select .
➤ Select Reply.

Calling a text message sender
Multimedia system:
  ➤ Phone ➤ Text Message
➤ Select the text message.
➤ Select .
➤ Select Call Sender.
Deleting text messages

Multimedia system:

Phone ➤ Text Message

Select .

To delete a text message: select Delete.

To change folders: select Switch Folder.

Outbox

or

Select Drafts.

Apple CarPlay™

Overview of Apple CarPlay™

iPhone® functions can be used via the multimedia system using Apple CarPlay™. They are operated using the controller or the Siri® voice-operated control system. You can activate the voice-operated control system by pressing and holding the button on the multifunction steering wheel.

When using Apple CarPlay™ via the voice-operated control system, the multimedia system can still be operated via the Voice Control System (→ page 216).

Only one mobile phone at a time can be connected via Apple CarPlay™ to the multimedia system.

The availability of Apple CarPlay™ may vary according to the country.

The service provider is responsible for this application and the services and content connected to it.

Information on Apple CarPlay™

While using Apple CarPlay™ various functions of the multimedia system, e.g. telephony or the media sources Bluetooth® audio and iPod®, are unavailable.

Only one route guidance can be active at a time. If route guidance is active on the multimedia system, it is closed when route guidance is started on the mobile phone.

Connecting an iPhone® via Apple CarPlay™

Requirements:

• Apple® operating system version iOS 8.3 or above is installed on the iPhone®.
• There is an Internet connection for the full range of functions for Apple CarPlay™.
• The iPhone® is connected to the multimedia system via the USB port using a suitable cable (→ page 300).

Multimedia system:

Connect ➤ Apple CarPlay

Setting automatic or manual start

A message appears when connected for the first time.

Automatic start: select Automatically. Start Automatically is activated .

Apple CarPlay™ will now start immediately after the iPhone® is connected to the multimedia system using a USB cable.


Select the iPhone® in the device list.
Accepting/rejecting the data protection regulations
A message with the data protection regulations appears.

- Select Accept & Start.

or

- Select Decline & End.

If you selected automatic start, you will have to start Apple CarPlay™ manually the next time you want to use it.

Exiting Apple CarPlay™

- Press the button on the multifunction steering wheel, for example.

If Apple CarPlay™ was not displayed in the foreground before disconnecting, the application starts in the background when reconnected. You can call up Apple CarPlay™ in the main menu.

Calling up Apple CarPlay™ sound settings
Multimedia system:

- Connect  ➤ Apple CarPlay  ➤ Sound
- Select the tone menu (→ page 316).

Ending Apple CarPlay™
Multimedia system:

- Connect  ➤ Apple CarPlay
- Select Disconnect.

The connection is ended.

The mobile phone continues to be supplied with electricity.

or

- Disconnect the connecting cable between the mobile phone and multimedia system. Mercedes-Benz recommends disconnecting the connecting cable only when the vehicle is stationary.

Android Auto

Android Auto overview
Mobile phone functions can be used with Android Auto using the Android operating system on the multimedia system. It is operated using the controller or the voice-operated control system. You can activate the voice-operated control system by pressing and holding the button on the multifunction steering wheel.

When using Android Auto via the voice-operated control system, the multimedia system can still be operated via the Voice Control System (→ page 216).

Only one mobile phone at a time can be connected via Android Auto to the multimedia system.

The availability of Android Auto and Android Auto Apps may vary according to the country.

The service provider is responsible for this application and the services and content connected to it.

Information on Android Auto
While using Android Auto, various functions of the multimedia system, for example the media source Bluetooth® audio, are not available.

Only one route guidance can be active at a time. If route guidance is active on the multimedia system, it is closed when route guidance is started on the mobile phone.
Connecting a mobile phone via Android Auto

Requirements:
- The first activation of Android Auto on the multimedia system must be carried out when the vehicle is stationary for safety reasons.
- The mobile phone supports Android Auto from Android 5.0.
- The Android Auto app is installed on the mobile phone.
- In order to use the telephone functions, the mobile phone must be connected to the multimedia system via Bluetooth® (→ page 275).
- If there was no prior Internet connection, this is established with the use of the mobile phone with Android Auto.
- The mobile phone is connected to the multimedia system via the USB port using a suitable cable (→ page 300).
- There is an Internet connection for the full range of functions for Android Auto.

Multimedia system:
- Connect Android Auto
  - Select the mobile phone from the device list.

Accepting/rejecting the data protection regulations
A message with the data protection regulations appears.
- Select Accept & Start.
  - or
  - Select Decline & End.

Activating automatic start
- Select Start Automatically.

Starting manually
- Select the mobile phone from the device list.

Exiting Android Auto
- Press the button on the multifunction steering wheel, for example.

If Android Auto was not displayed in the foreground before disconnecting, the application starts in the background when reconnected.

You can call up Android Auto in the main menu.

Calling up the Android Auto sound settings
Multimedia system:
- Connect Android Auto Sound
  - Selecting the tone menu (→ page 316).

Ending Android Auto
Multimedia system:
- Connect Android Auto
  - Select Disconnect.
  - The connection is ended.
  - The mobile phone continues to be supplied with electricity.
  - or
  - Disconnect the connecting cable between the mobile phone and multimedia system.
  - Mercedes-Benz recommends disconnecting the connecting cable only when the vehicle is stationary.
Transferred vehicle data when using Apple CarPlay™ and Android Auto

Information on transferred vehicle data
When using Android Auto or Apple CarPlay™, certain vehicle data is transferred to the mobile phone. This enables you to get the best out of selected mobile phone services. Vehicle data is not directly accessible.

System information:
- Software release of the multimedia system
- System ID (anonymized)

The transfer of this data is used to optimize communication between the vehicle and the mobile phone.

To do this, and to assign several vehicles to the mobile phone, a vehicle identifier is randomly generated.

This has no connection to the vehicle identification number (VIN) and is deleted when the multimedia system is reset (→ page 248).

Driving status data:
- Transmission position engaged
- Distinction between parked, standstill, rolling and driving
- Day/night mode of the instrument cluster

The transfer of this data is used to alter how content is displayed to correspond to the driving situation.

Position data:
- Coordinates
- Speed
- Compass direction
- Acceleration direction

This data is only transferred while the navigation system is active in order to improve it (e.g. so it can continue functioning when in a tunnel).

Mercedes-Benz mbrace® (USA)

Making a call via the overhead control panel
Mercedes-Benz mbrace® is available in the USA.

To make a Roadside Assistance call: press button 1.
This initiates a call to the Mercedes-Benz Customer Assistance Center.
To make an emergency call: press SOS button cover briefly to open.
Press and hold SOS button for at least one second. This initiates a call to the Mercedes-Benz Customer Assistance Center.
To make an MB Info call: press button. This initiates a call to the Mercedes-Benz Customer Assistance Center.

An emergency call can be initiated even if a Roadside Assistance or MB Info call is active. This has priority over all other active calls.
Calls via the overhead control panel are only possible with an available mobile phone network.

Further information on Mercedes-Benz mbrace® and other services can be found at: http://www.mbusa.com

Information on the emergency call system

**WARNING** Risk of accident and injury despite pressing the SOS button

Even if you press the SOS button in an emergency, remaining in the vehicle may be dangerous for the following reasons:
- you see smoke inside or outside of the vehicle, e.g. if there is a fire after an accident
- the vehicle is on a dangerous section of road
- the vehicle is not visible or cannot easily be seen by other road users, particularly when dark or in poor visibility conditions

Leave the vehicle immediately in this or similar situations as soon as it is safe to do so.
Move to a safe location along with other vehicle occupants.
In such situations, secure the vehicle in accordance with national regulations, e.g. with a warning triangle.

Automatic emergency call

The emergency call is initiated in the following situations:
- the air bag is deployed.
- the Emergency Tensioning Devices are triggered.

You can end an automatically initiated emergency call yourself after 60 seconds.

Manual emergency call

An emergency call can be initiated manually via the SOS button in the overhead control panel (→ page 286).

If you leave the vehicle immediately after pressing the SOS button, you do not know if Mercedes-Benz mbrace® has successfully made the emergency call.

Initiated emergency call

When a voice connection is established between the Customer Assistance Center and the vehicle occupants, the following options apply:
- If the vehicle occupants are responsive: the Mercedes-Benz Customer Assistance Center
asks for more detailed information on the emergency.

- If the vehicle occupants are not responsive: an ambulance is sent to the vehicle immediately.

**Transferred data**

During the voice connection to the Customer Assistance Center, the following data is transferred:

- Current vehicle location
- Vehicle identification number

**Emergency call not possible**

- If the mobile phone network is unavailable, Mercedes-Benz mbrace® is not able to make an emergency call.

  A corresponding message appears in the multimedia system display.

  The indicator lamp flashes continuously.

  In this case, seek assistance by other means.

**Information on the MB Info call**

An Info call to the Mercedes-Benz Customer Assistance Center has been initiated via the overhead control panel (→ page 286).

You can find information on the following topics:

- Mercedes-Benz mbrace® activation
- operating the vehicle
- nearest authorized Mercedes-Benz Center
- other products and services from Mercedes-Benz

Data is transmitted during the connection to the Mercedes-Benz Customer Assistance Center (→ page 288).

**Information on the Roadside Assistance call**

A Roadside Assistance call to the Mercedes-Benz Customer Assistance Center has been initiated via the overhead control panel:

- the problem with the vehicle is analyzed using remote diagnosis.

  Further information about this can be obtained at: http://www.mbusa.com

- a qualified Mercedes-Benz technician carries out repairs on site and/or the vehicle will be towed to the nearest authorized Mercedes-Benz Center.

  You may be charged for these services.

Data is transmitted during the connection to the Mercedes-Benz Customer Assistance Center (→ page 288).

**Transferred data during a service call**

In certain countries you must confirm the data transfer.

If you make service calls using Mercedes-Benz mbrace® (USA), transferred data includes the following:
Overview of transferred data

<table>
<thead>
<tr>
<th>Service call</th>
<th>Transferred data</th>
</tr>
</thead>
<tbody>
<tr>
<td>MB Info call</td>
<td>• Current vehicle location</td>
</tr>
<tr>
<td>Roadside Assistance call</td>
<td>• Vehicle identification number</td>
</tr>
<tr>
<td></td>
<td>• Service code</td>
</tr>
<tr>
<td></td>
<td>• Selected data</td>
</tr>
<tr>
<td></td>
<td>about the status of the vehicle</td>
</tr>
</tbody>
</table>

Online and Internet functions

Internet connection

Information on connecting to the Internet

**WARNING** Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- Only operate this equipment when the traffic situation permits.
- If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.

**USA:** to use Mercedes-Benz Apps and access the Internet, Mercedes-Benz mbrace® must be activated and operational. Furthermore, mbrace® must be activated for Mercedes-Benz Apps and Internet access.

**Canada:** the multimedia system must be connected to a mobile phone via Bluetooth® or to an external device acting as a Wi-Fi hotspot. Furthermore, you need a valid mobile service contract with a data option, which is used to calculate the associated connection costs.

The Internet functions can only be used to a limited degree whilst driving.

**Setting up an Internet connection via Wi-Fi**

**Requirements**

- the Wi-Fi function is activated on the multimedia system (→ page 240).
- the Wi-Fi function is activated on the external device (see the manufacturer’s operating instructions).
- Internet access via Wi-Fi is activated (see the manufacturer’s operating instructions).

The Internet connection via Wi-Fi is restricted or does not function if:

- the mobile phone is switched off
- mobile data use is deactivated on the mobile phone
- the Wi-Fi function is deactivated on the multimedia system
- the Wi-Fi function is deactivated on the external device
- Internet access via Wi-Fi is deactivated on the external device
Setting up an Internet connection via Bluetooth®

Requirements:
- A mobile phone is connected to the multimedia system via Bluetooth® (→ page 275).

To connect via Bluetooth®, the mobile phone supports one of the following Bluetooth® profiles:
- DUN (Dial-Up Networking)
- PAN (Personal Area Network)

The Internet connection via Bluetooth® is restricted or does not function if:
- the mobile phone is switched off
- the mobile phone network coverage is insufficient
- mobile data use is deactivated on the mobile phone
- the Bluetooth® function on the multimedia system is switched off and the mobile phone is to be connected via Bluetooth®
- the Bluetooth® function is switched off on the mobile phone and the mobile phone is to be connected via Bluetooth®
- neither the mobile phone network nor the mobile phone allow simultaneous use of a telephone and an Internet connection
- the mobile phone has not been enabled for Internet access via Bluetooth®

If a mobile phone is connected to the multimedia system for the first time via Bluetooth®, you will be assisted through the process of setting up an Internet connection.

The Internet connection can also be configured manually.

Further information can be obtained at http://www.mercedes-benz.com/connect or from an authorized Mercedes-Benz Center.

Multimedia system:

System ➔ Connectivity ➔ Internet Settings ➔ Search for Wi-Fi Networks
- Select the network.
- Logging in to the Wi-Fi network (→ page 240).

Bluetooth® connection via PAN
- Select the mobile phone.
- The Internet connection is established.

Bluetooth® connection via DUN
- Select the mobile phone.
- To select the predefined access data of the mobile phone network provider: select Predefined Settings.
  A list of countries appears.
- Select the country of your mobile phone network provider.
  The list of available providers appears.
- Select your mobile phone network provider.
  When an overview of the provider settings appears, make the necessary settings.
Select Confirm Settings.

To manually set the access data of the mobile phone network provider: select Manual Settings.
An overview of the provider settings appears.
Set the access data.
Select Confirm Settings.

Set the access data in accordance with your data package. Otherwise, additional costs may be incurred. You can contact your mobile phone network provider to obtain the precise access data.

Switching the Bluetooth® profile

Requirements
- The mobile phone supports the DUN and PAN Bluetooth® profiles.

Multimedia system:

To switch from DUN to PAN: select the mobile phone.

Select Change Configuration.
Activate Automatic Configuration. The Internet connection is automatically configured using the PAN Bluetooth® profile.

To switch from PAN to DUN: select the mobile phone.
Select Change Configuration.
Deactivate Automatic Configuration.
Select Configure Settings Using COMAND.
Configuring the Internet connection using preset or manual access data (→ page 290).

Editing access data

Requirements
- The mobile phone supports the Bluetooth® DUN profile.

Multimedia system:

To switch from DUN to PAN: select the mobile phone.
Select Change Configuration.
Activate Automatic Configuration.
Deactivate Automatic Configuration.
Select Configure Settings Using COMAND.
Configuring the Internet connection using preset or manual access data (→ page 290).

Canceling Internet access permission for a mobile phone
Multimedia system:

Highlight the mobile phone.
Select Delete Configuration.
Select Yes.
Displaying mobile phone details
Multimediasystem: System ➤ Connectivity ➤ Internet Settings
➤ Highlight the mobile phone.
➤ Select ➤ .
➤ Select Details.

Establishing an Internet connection
Multimediasystem: Connect
➤ For example, select ➤ Browser.
➤ The multimedia system usually establishes the Internet connection automatically. If the multimedia system is not connected to the Internet, the Internet connection is established when an Internet application is used.

Connection status
Connection status overview
Display of existing connection and reception field strength of the connected device

Displaying the connection status
Multimediasystem: System ➤ Connectivity
➤ Select Internet Status.
➤ Depending on the means of connection, the approximate data volume transmitted is displayed.

Mercedes-Benz Apps
Calling up Mercedes-Benz Apps
Requirements:
- The registration for the use of Mercedes-Benz Apps has been completed.
- The general terms and conditions have been confirmed.

Multimedia system:
➤ Connect ➤ Mercedes-Benz Apps
➤ Select an app.
Further Mercedes-Benz Apps and information can be obtained at: http://apps.mercedes-benz.com/apps/
➤ The available features are country-dependent.
License fees may be applicable.

Operating Mercedes-Benz Apps using voice control
Requirements:
- The registration for the use of Mercedes-Benz Apps has been completed.
The general terms and conditions have been confirmed.

The symbol indicates that a Mercedes-Benz app can be used via voice control.

- Select a Mercedes-Benz App (→ page 292). The app menu is displayed.
- **To use voice control:** select Language.
- Say the question or command.
- Voice control is not available in all countries and languages.

### Web browser

**Calling up a web page**

Multimedia system:

Select **Connect Browser** & Enter URL

- Enter a web address.
- **To finish the entry and call up the website:** select OK.

**Showing/hiding the web browser menu**

If you call up a website by selecting a link, for example, the web browser menu is hidden.

- **To show/hide:** press the button.
- The web browser supports video playback.
- No websites or videos are displayed while the vehicle is in motion.

**Web browser overview**

1. URL entry
2. Bookmarks
3. Web page, back
4. Web page, forwards
5. Options
6. To close the browser
Calling up web browser options
Multimediasystem:

- Connect  Browser  Options

The following functions are available:
- Refresh Page/Cancel
- Zoom
- Browser Settings
- Delete Browser Data

- Select an option.
- Make the desired changes to the settings.

Calling up the web browser settings
Multimediasystem:

- Connect  Browser  Options  Browser Settings

The following functions are available:
- Block Pop-Ups
- Activate Javascript
- Allow Cookies

- Activate ✔ or deactivate ✗ the function.

Deleting browser data
Multimediasystem:

- Connect  Browser  Options  Delete Browser Data

The following options are available:
- All
- Cache
- Cookies
- Entered URLs
- Form Data

- Select an option.
- Select Yes.

Managing bookmarks
Multimediasystem:

- Connect  Browser  Bookmarks

Selecting a bookmark

- Select an entry.

Creating a bookmark

- Select Add New Bookmark.
- Enter a URL and a name.
- Select OK.

Editing a bookmark

- Highlight a bookmark.
- Select .
- Select Edit.
- Enter a URL and a name.
- Select OK.

Deleting a bookmark

- Highlight a bookmark.
- Select .
- Select Delete.
- Select Yes.

Closing the browser
Multimediasystem:

- Connect  Browser

- Select Close Browser.
Internet radio

Calling up the Internet radio

Requirements:
- The Internet radio service is activated.
- The data volume is available.
  Depending on the country, data volume may need to be purchased.
- A fast Internet connection for data transmission free of interference.
  The services are country-dependent.
  For more information, consult an authorized Mercedes-Benz Center.

Multimedia system:

Select Tuneln Radio.

The Internet radio display appears. The last station set starts playing.

The connection quality depends on the local mobile phone reception.

Internet radio overview

1. Internet radio provider
2. Selected category
3. Display (if connected to private user account)
4. Data transfer rate
5. Current station is stored as a favorite
6. Additional information on the current station

Selecting and connecting to Internet radio stations

Multimedia system:

Select a category.
Select a station.
The connection is established automatically.

or

Select Enter Address or POI.
Enter a station name using the entry field.

A relatively large volume of data can be transmitted when using Internet radio.

Saving/deleting Internet radio stations as favorites

Multimedia system:

Select a station.
Press and hold the touchpad or controller until an audible signal sounds. The ★ symbol appears by the station name.

Select ★ Favorites. The list of saved favorite stations appears.

Create an account for the online provider (TuneIn radio) and then log in on the multimedia system. Your favorites are imported to the multimedia system.

Deleting favorites

Select ★ Favorites.
Select a station.
Press and hold the touchpad or controller until an audible signal sounds. The ★ symbol by the station name disappears.

Setting the Internet radio options
Multimedia system:

Radio ⇒ Radio Source ⇒ TuneIn
Radio ⇒ Options

The following options are available:
- Select Stream: select the stream quality.
- Login to TuneIn Account: log in to your TuneIn user account.
- Log Out of Account: log out of your TuneIn user account.

Select an option.

Media

Audio mode

Information on the audio mode

WARNING Risk of distraction when handling data storage media

If you handle a data storage medium while driving, your attention is diverted from the traffic conditions. This could also cause you to lose control of the vehicle.

Only handle a data storage medium when the vehicle is stationary.

Permissible file systems:
- FAT32
- exFAT
- NTFS

Permissible data storage medium:
- SD card
- USB storage device
- iPod®/iPhone®
- MTP devices
- Bluetooth® audio equipment

- The multimedia system supports a total of up to 50,000 files.
- Data storage media up to 2 TB are supported (32-bit address space).
Supported formats:
- MP3
- WMA
- AAC
- WAV
- FLAC
- ALAC

Observe the following notes:
- Due to the large variety of available music files regarding encoders, sampling rates and data rates, playback cannot always be guaranteed.
- Due to the wide range of USB devices available on the market, playback cannot be guaranteed for all USB devices.
- Copy-protected music files or DRM encrypted files cannot be played back.
- MP3 players must support Media Transfer Protocol (MTP).

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Notes on copyright
Audio files that you create or reproduce yourself for playback are generally subject to copyright protection. In many countries, reproductions, even for private use, are not permitted without the prior consent of the copyright holder. Make sure that you know about the applicable copyright regulations and that you comply with these.
Activating media mode
Multimedia system:

Select a media source.
Playable music files are played back.

Inserting/removing an SD card

⚠️ DANGER Risk of fatal injury from swallowing SD cards

SD cards are small parts. They could be swallowed and lead to choking.

Keep SD cards out of the reach of children.

Seek medical attention immediately if an SD card has been swallowed.

⚠️ NOTE Damage caused by high temperatures

High temperatures can damage the SD memory card.

Remove the SD memory card after use and take it out of the vehicle.

Multimedia system:

Media ➤ Media Sources ➤ Mem. Card

Inserting
The multimedia connection unit is located in the stowage compartment under the armrest.

Insert the SD memory card into the SD card slot until it engages. The side with the contacts must face downwards. Playable music files are played back.

Removing

Press the SD card.

Remove the SD card.
Overview of the audio mode

1. Active data storage medium
2. Album cover
3. Track, artist, album
4. Search
5. Playback Control
6. Media Sources
7. Sound
8. Full Screen (for video playback)
9. Options
10. Track number and number of tracks in the track list
Connecting USB devices

**NOTE** Damage caused by high temperatures

High temperatures can damage USB devices.
- Remove the USB device after use and take it out of the vehicle.

The multimedia connection unit is found in the stowage compartment under the armrest and has two USB ports. Depending on the vehicle’s equipment, additional USB ports can be found in the stowage compartment of the center console or rear folding compartment.

- Connect the USB device to the USB port. Playable music files are played back only if the corresponding media display is activated.

- Use the USB port identified by \(\text{\textregistered}\) to use Apple CarPlay™ and Android Auto.

Selecting a track
Multimedia system:

- Select Media

Selecting a track by skipping to a track

- To skip backwards or forwards to a track: navigate up or down.

Selecting a track using the current track list

- Select \(\text{\textregistered}\).
- Select Current Track List.
- Select a track.

Selecting playback options
Multimedia system:

- Select Media \(\gg\) Options

Playing back similar tracks

- Select Play Similar Tracks.
  A track list with similar tracks is created and played back.

Playback mode

- Select Random Mode - Current Playlist. The current track list is played in random order.
- Select Random Mode - Current Medium. All tracks on the active data storage medium are played in random order.
- Select Normal Track Sequence. The current track list is played in the order it appears on the data storage medium.

Controlling media playback
Multimedia system:

- Select Media \(\gg\) \(\gg\) | Playback Control
  A bar with playback controls is shown.

- To pause playback: press the touchpad. The \(\text{\textregistered}\) symbol is displayed.

- To resume playback: press the touchpad again. The \(\gg\) symbol is displayed.

To fast forward/rewind

- To move \(\gg\) on the timeline: swipe left or right on the touchpad.
To hide the playback controls
Press the button.

Video mode
Switching to video mode
Multimedia system:
Media sources
Select a data storage medium.
Playable video files are played back.

The multimedia system supports the following formats:
- MPEG
- AVI, DivX, MKV
- MP4, M4V
- WMV

Due to the large variety of available video files regarding encoders, sampling rates and data transfer rates, playback cannot always be guaranteed. Videos up to FullHD (1920x1080) are supported.

Copy-protected video files or DRM (Digital Rights Management) encrypted files cannot be played back.
Overview of video mode

1. Active data storage medium
2. Album cover
3. Track, artist, album
4. Search
5. Playback Control
6. Media Sources
7. Sound
8. Full Screen
9. Options
10. Track number and number of tracks in the track list
Activating/deactivating full-screen mode
Multimedia system:
- Media | Media Sources
- Select a data storage medium.
  Playable video files are played back.
- To activate full-screen mode: select Full Screen.
- To deactivate full-screen mode: press the touchpad.

Changing video settings
Multimedia system:
- Media | Options | Picture Format
The following picture formats are available:
- Automatic
- 16:9
- 4:3
- Zoom
- Select a picture format.

Adjusting the brightness manually
- Select Brightness.
- Adjust the brightness.

Media search
Starting the media search
Multimedia system:
- Media | Search
Depending on the connected media sources and files, the following categories are listed:
- Current Track List
- Keyword Search
- Playlists
- Artists
- Albums
- Tracks
- Folder
- Music Genres
- Year
- Composers

- Videos
- Podcasts (Apple® devices)
- Audiobooks (Apple® devices)

Select a category.

The categories are available as soon as the entire media content has been read in and analyzed.

Media Interface
Information about the Media Interface
Media Interface is a universal interface for the connection of mobile audio equipment. The multimedia system has two USB ports. The USB ports are located in the stowage compartment under the armrest.

Supported devices
The Media Interface allows you to connect the following data storage media:
- iPod®
- iPhone®
- MP3 player
USB devices

For details and a list of supported devices, visit our website at http://www.mercedes-benz.com/connect. Follow the instructions in the "Media Interface" section.

Switching to Media Interface
Multimedia system:

- Connect a data storage medium to the USB port (→ page 300).
- Select a media device.
- Playable music files are played back.
Overview of Media Interface

1. Active data storage medium
2. Cover
3. Artist, track and album
4. Track number and number of tracks in the track list

Bluetooth® audio

Information about Bluetooth® audio

3. Search
4. Playback Control
6. Media Sources
7. Sound
8. Options
9. Full Screen (video playback only)
10. Bluetooth® audio Information about Bluetooth® audio
Before using your Bluetooth® audio equipment with the multimedia system for the first time, you will need to authorize it (→ page 307).

**Bluetooth® Audio overview**

1. Active data storage medium
2. Cover art
3. Track, artist, album
4. Track number and number of tracks in the track list
Searching for and authorizing Bluetooth® audio equipment

Requirements
- Bluetooth® is activated on the multimedia system and audio equipment (→ page 239).
- The audio equipment supports the Bluetooth® audio profiles A2DP and AVRCP.
- The audio equipment is "visible" for other devices.

Multimedia system:
- Media
- Media Sources
- Bluetooth Audio

Authorizing new Bluetooth® audio equipment
- Select \[\text{Media Sources} \]
- Select Add New Bluetooth Audio Device.
- Select Start Search on System.
Detected audio equipment is displayed in the device list.

Selecting Bluetooth® audio equipment that has already been authorized
- Select \[\text{Media Sources} \]
- Select a Bluetooth® audio device.

Establishing a connection from the Bluetooth® audio device
The Bluetooth® device name of the multimedia system is MB BLUETOOTH XXXXX.
- Select Search from Device.

Device-specific information on authorizing and connecting Bluetooth®-capable mobile phones can be obtained at http://www.mercedes-benz.com/connect or from an authorized Mercedes-Benz Center.
Activating Bluetooth® audio
Multimedia system:
Media Sources Bluetooth Audio
Select Bluetooth Audio.
The multimedia system activates the connected Bluetooth® audio equipment.

Selecting a music player
Multimedia system:
Media Sources Bluetooth Audio
Select a Bluetooth® audio device.
If multiple music players are present on the Bluetooth® audio equipment a list appears.
Select a music player.
Playback starts.

Searching for a track
Multimedia system:
Media Sources Bluetooth Audio
Select .

• Select a category.
• A track list appears.
• Select a track.

The function is only available when the mobile phone and the music player selected on the mobile phone support this function.

Switching Bluetooth® audio equipment via NFC
Requirements:
• Observe the notes on using NFC (→ page 276).
• The Bluetooth® audio overview is displayed (→ page 308).

• Lightly press the NFC area on the mobile phone (see the manufacturer’s operating instructions).

If the mobile phone has already been authorized on the multimedia system as Bluetooth® audio equipment, it is now connected.
If the mobile phone is authorized on the multimedia system as Bluetooth® audio equip-

ment for the first time, it is connected after confirming the instructions for the mobile phone (see the manufacturer’s operating instructions).

Disconnecting Bluetooth® audio equipment
Multimedia system:
Phone Media Sources
Select a Bluetooth® audio device.
Select Deauthorize.
Select Yes.

Radio
Switching on the radio
Multimedia system:
Radio

• Alternatively: press the button.

The radio display appears. You will hear the last station played on the last frequency band selected.
Radio overview

1. Active frequency band
2. Station name or set frequency
3. Artist, title, album and radio text
4. Station list
5. Presets
6. Radio Source
7. Sound
8. Tag This Song
9. Options
Switching HD Radio on/off

Multimedia system:

- Switch the function on ✔️ or off ☐.

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Setting the frequency band

Multimedia system:

- Switch the function on ✔️ or off ☐.

Selecting a radio station

Multimedia system:

- Select a frequency band.

Calling up the radio station list

Multimedia system:

- Navigate up or down.

Searching for radio stations using station names or direct frequency entry

Multimedia system:

- Enter a station name or frequency.
- Select OK.

Storing radio stations

Multimedia system:

- Select Store Current Station in the Presets.

Editing radio station presets

Multimedia system:

- Select a station.

Moving stations:

- Highlight a preset entry and navigate to the left.
Select Move Highlighted Station.
Select a preset.

Deleting stations:
Highlight a preset entry and navigate to the left.
Select Delete Highlighted Station.
Select Yes.

Tagging music tracks
Multimedia system:
Radio
If radio stations provide the relevant information, this function allows you to transfer information on the music track currently playing to an Apple® device. You can then purchase the audio file from the iTunes Store®.
Select Tag This Song.
The track information is saved.

Activating/deactivating radio text
Multimedia system:
Radio Options Display Radio Text Information
Activate or deactivate the function.

Satellite radio
Information on the satellite radio
SIRIUS XM® Satellite Radio offers more than 175 digital-quality radio channels providing 100% commercial-free music, sports, news and entertainment, for example. SIRIUS XM satellite radio employs a fleet of high-performance satellites to broadcast around the clock throughout the USA and Canada. The satellite radio program is available for a monthly fee. Information about this can be obtained from a Sirius XM® Service Center and at http://www.siriusxm.com (USA) or http://www.siriusxm.ca (Canada). Your new Mercedes-Benz vehicle comes with SIRIUS XM® Satellite Radio pre-installed at the factory. This service is free for a six-month trial period. About a month before the trial period ends, information will be provided on how to extend this subscription. A message is shown, describing how the subscription can be extended.

Satellite radio restrictions
Satellite radio mode may be temporarily unavailable or interrupted for a variety of reasons. These include environmental or topographical conditions beyond the control of Mercedes-Benz USA, LLC. Thus, operation at certain locations may not be possible.

Registering satellite radio
Requirements:
• satellite radio equipment
• registration with a satellite radio provider
• if registration is not included when purchasing the system, your credit card details will be required to activate your account.

Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. and its subsidiaries. All other marks, channel names and logos are the property of their respective owners. All rights reserved.
Multimedia system:

- Radio  ➔ Radio Source  ➔ SiriusXM Radio  ➔ Options

Select Service Information.

The service information screen appears showing the radio ID and the current subscription status.

- Establish a telephone connection.
- Follow the service staff's instructions.
- The activation process may take up to ten minutes.

You can also have the satellite service activated online. To do so, please visit http://www.siriusxm.com (USA) or http://www.siriusxm.ca (Canada).

Switching on satellite radio

Multimedia system:

- Radio  ➔ Radio Source  ➔ SiriusXM Radio

Select SiriusXM Radio.
Overview of the satellite radio

1. Active frequency band
2. Logo or album art (if available)
3. Category
4. Channel name
5. Channel information
6. SiriusXM Radio Channels
7. Presets
8. Radio Source
9. Sound
10. Playback Control
11. Options
Selecting a satellite radio category
Multimediasystem:

Select a category.

Selecting a satellite radio channel
Multimediasystem:

Navigate up or down.

Saving or deleting a satellite radio channel
Multimediasystem:

Moving a channel

Select a preset.

Deleting a channel

Select Delete Highlighted Station.

Select a preset.

Displaying PEG information for the current channel
Multimediasystem:

Select EPG Information about Current Channel.

Setting the parental control
Multimediasystem:

Unlocking a channel

Enter the four-digit character sequence and select [ok].

All channels with adult content are unlocked.

Music and sport alerts function
This function enables you to program an alert for your favorite artists, tracks or sporting events. Music alerts can be saved whilst a track is being played and sport alerts can be saved during a live game. You can also specify sport alerts via the menu option. The system then continuously searches through all the channels. If a match is found with a stored alert, you will be informed.

Setting music and sport alerts
Multimediasystem:

Setting a music alert

Select Add New Alert.

or

Select Manage Artist & Song Alerts.
Select Options.
The following options are available:
- Mark This Entry
- Unmark This Entry
- Mark All Entries
- Unmark All Entries
- Delete This Entry
- Delete All Entries
- Select an option.
- Activate Artist & Song Alerts.
The alert is set for the current artist or track. If a match is found, a prompt appears asking whether you wish to change to the station.

**Setting a sport alert**
- Select Add New Alert.
- or
- Select Manage Sports Alerts.
- Select Select New Alerts.
- or
- Select Edit Alerts.
- Select a team from a league.

**Activate Sports Alerts.**

**Information on Smart Favorites and Tune Start**
Stations in the station presets can be added as smart favorites. Smart favorites stations are automatically saved to temporary storage in the background. If you change to a smart favorite station, you can replay, pause or actively skip forward or back to broadcasts which you have missed. If Tune Start is activated and you change to another smart favorite station, the music track currently playing on the station is automatically restarted from the beginning of the track.

**Adding a channel to Smart Favorites**
Multimedia system:
- Radio
- Radio Source
- SiriusXM Radio
- Select the active frequency band.
- Highlight an entry.
- Select Add Highlighted Channel to Smart Favorites.

**Activating/deactivating Tune Start**
Multimedia system:
- Radio
- Options
- TuneStart
- Activate or deactivate the function.

**Playback controls**
Multimedia system:
- Radio
- | | Playback Control
You can pause the playback of the current station or skip forward or backward in the timeline. This leaves live mode to access the internal temporary storage.
- To fast forward/rewind: turn the controller anti-clockwise or clockwise.
- To jump to the previous/next song: slide the controller to the left or right.
- To pause playback: select .
- To return to live mode: navigate to the end of the timeline.
Displaying satellite radio service information
Multimedia system:
- Radio ➕ Radio Source ➕ SiriusXM Radio ➕ Options
Select Service Information.

Sound
Tone settings

Information about the sound system
The sound system has a total output of 100 watts and is equipped with 7 speakers. It is available for all functions in the radio and media modes.

Calling up the sound menu
Multimedia system:
- Media ➕ Sound ➕ Equalizer
Select a sound menu.

Adjusting treble, mid-range and bass settings
Multimedia system:
- Media ➕ Sound ➕ Equalizer
Select Treble, Mid Range or Bass.
Change the settings.

Activating/deactivating automatic volume adjustment
Multimedia system:
- Media ➕ Sound ➕ Automatic Volume Adjustment
Automatic volume adjustment compensates for differing volumes when changing between audio sources.
Switch the function on ✅ or off ☐.

Adjusting the balance/fader
Multimedia system:
- Media ➕ Sound ➕ Balance and Fader
Adjust the balance and fader.

To exit the menu: press the button.

Burmester® surround sound system

Information about the Burmester® surround sound system
The Burmester® surround sound system has a total output of 590 watts and is equipped with 13 speakers. It is available for all functions in the radio and media modes.

Calling up the sound menu in the Burmester® surround sound system
Multimedia system:
- Media ➕ Sound
The following functions are available:
- Equalizer
- Balance and Fader
- Automatic Volume Adjustment
- Surround Sound
- Sound Focus
- Other Sound Settings
Select a function.
Adjusting the treble, mid and bass settings on the Burmester® surround sound system

Multimedia system:

- Media | Sound | Equalizer
- Select Treble, Mid Range or Bass.
- Set the desired values.

Activating/deactivating volume adjustment in the Burmester® surround sound system

Multimedia system:

- Media | Sound | Automatic Volume Adjustment

Automatic volume adjustment compensates for differing volumes when changing between audio sources.

- Switch the function on ✔ or off □.

Adjusting the balance/fader in the Burmester® surround sound system

Multimedia system:

- Media | Sound | Balance and Fader
- Adjust the balance and fader.

To exit the menu: press the ➤ button.

Switching surround sound on/off in the Burmester® surround sound system

Multimedia system:

- Media | Sound | Surround Sound
- Switch the function on ✔ or off □.

Adjusting the sound focus in the Burmester® surround sound system

Multimedia system:

- Media | Sound | Sound Focus
- Adjust the sound focus.

Burmester® high-end 3D surround sound system

Information on the Burmester® high-end 3D surround sound system

The Burmester® high-end 3D surround sound system has a total output of 1450 watts and is equipped with 23 speakers. It is available for all functions in the radio and media modes.

Calling up the sound menu in the Burmester® high-end 3D surround sound system

Multimedia system:

- Media | Sound

The following functions are available:
- Equalizer
- Balance and Fader
- Automatic Volume Adjustment
- VIP Seat (seat-based sound optimization)
- Sound Profiles
- Other Sound Settings

- Select a sound menu.

Adjusting the treble, mid-range and bass settings on the Burmester® high-end 3D surround sound system

Multimedia system:

- Media | Sound | Equalizer
- Select Treble, Mid Range or Bass.
- Set the desired values.
Activating/deactivating volume adjustment in the Burmester® high-end 3D surround sound system
Multimedia system:

► Media ► Sound ► Automatic Volume Adjustment

Automatic volume adjustment compensates for differing volumes when changing between audio sources.

► Activate ✔ or deactivate ☐ the function.

Adjusting the balance/fader in the Burmester® high-end 3D surround sound system
Multimedia system:

► Media ► Sound ► Balance and Fader

► Adjust the balance and fader.

To exit the menu: press the ◄ button.

Adjusting the seat-based sound optimization in the Burmester® high-end 3D surround sound system
Multimedia system:

► Media ► Sound ► VIP Seat

This setting optimizes the sound playback for the selected seat position.

► Activate the function ✔.

► Select a seat position.

Selecting the sound profile in the Burmester® high-end 3D surround sound system
Multimedia system:

► Media ► Sound ► Sound Profiles

The following profiles are available:

- Pure
- Easy Listening
- Live
- Surround
- 3D-Sound

► Select a sound profile.
ASSYST PLUS service interval display

Function of the ASSYST PLUS service interval display

The ASSYST PLUS service interval display in the instrument display provides information on the remaining time or distance before the next service due date.

You can hide this service message using the back button on the left-hand side of the steering wheel.

You can obtain further information concerning the servicing of your vehicle from a qualified specialist workshop, e.g. an authorized Mercedes-Benz Center.

Displaying the service due date

On-board computer:

- Service ➔ ASSYST PLUS

The next service due date is displayed.

- To exit the display: press the back button on the left-hand side of the steering wheel.

Make sure to observe the following further related subject:
- Operating the on-board computer (➔ page 204).

Carrying out maintenance work at regular intervals

<table>
<thead>
<tr>
<th>NOTE</th>
<th>Premature wear through failure to observe service due dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service work which is not carried out at the right time or incompletely can lead to increased wear and damage to the vehicle.</td>
<td></td>
</tr>
<tr>
<td>➔ Always observe the prescribed service intervals.</td>
<td></td>
</tr>
<tr>
<td>➔ Always have the prescribed service work carried out at a qualified specialist workshop.</td>
<td></td>
</tr>
</tbody>
</table>

Special service requirements

The prescribed service interval is based on normal operation of the vehicle. Maintenance work will need to be performed more often than specified if the vehicle is operated under arduous conditions or increased loads, for example:
- regular city driving with frequent intermediate stops.
- if the vehicle is primarily used for short-distance driving.
- for frequent operation in mountainous terrain or on poor road surfaces.
- if the engine is often left idling for long periods.
- in particularly dusty conditions and/or if air-recirculation mode is frequently used.

In these or similar operating conditions, have the interior air filter, engine air cleaner, engine oil, oil filter etc. changed more frequently. The tires must be checked more frequently if the vehicle is operated under increased loads. Further information can be obtained at a qualified specialist workshop.
Non-operational times with the battery disconnected

The ASSYST PLUS service interval display can only calculate the service due date when the battery is connected.

- Note down the service due date displayed on the instrument display before disconnecting the battery (→ page 319).

Engine compartment
Active hood (pedestrian protection)

Operation of the active hood (pedestrian protection)

In certain accident situations, the risk of injury to pedestrians can be reduced by the actuation of the active hood. The rear area of the engine hood is raised by approximately 85 mm.

For the drive to the workshop, reset the triggered active hood yourself. If the active hood has been triggered, pedestrian protection may be limited.

A qualified specialist workshop must re-instate the full functionality of the active hood. The active hood is not available in all countries.

Resetting the active hood

- 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.

- Let the engine cool down and only touch the component parts described as follows.

Opening/closing the hood

- WARNING Risk of accident if the engine hood is unlatched while driving

An unlocked engine hood may open up when the vehicle is in motion and block your view.

- Never unlatch the engine hood while driving.
- Before every trip, ensure that the engine hood is latched.

- With your hand flat, push down active hood in the area around the hinges on both sides (arrows). The hood must engage in position.
- If the active hood can be raised slightly at the rear in the area of the hinges, repeat the step until it engages correctly.
**WARNING** Risk of accident and injury when opening and closing the engine hood

When opening or closing the engine hood, it may suddenly drop into the end position. There is a risk of injury for anyone in the engine hood's range of movement.

- Only open or close the engine hood when there are no persons in the engine hood's range of movement.

**WARNING** Danger of burns when opening the hood

If you open the hood when the engine has overheated or during a fire in the engine compartment, you could come into contact with hot gases or other escaping operating fluids.

- Before opening the hood, allow the engine to cool down.

**WARNING** Risk of injury due to moving parts

Certain components in the engine compartment may continue to move or suddenly move again even after the ignition has been switched off, e.g. the cooler fan.

Make sure of the following before performing tasks in the engine compartment:

- Switch the ignition off.
- Never touch the danger zone surrounding moving component parts, e.g. the rotation area of the fan.
- Remove jewelry and watches.
- Keep items of clothing and hair away from moving parts.

**WARNING** Risk of injury from touching component parts under voltage

The ignition system and the fuel injection system work under high voltage. If you touch component parts which are under voltage, you could receive an electric shock.

- Never touch component parts of the ignition system or the fuel injection system when the ignition is switched on.

**WARNING** Risk of burns from hot component parts in the engine compartment

Certain component parts in the engine compartment can be very hot, e.g. the engine, the cooler and parts of the exhaust system.

- Let the engine cool down and only touch the component parts described as follows.

In the event of a fire in the engine compartment, keep the hood closed and call the fire service.
WARNING Risk of injury from using the windshield wipers while the engine hood is open

When the engine hood is open and the windshield wipers are set in motion, you can be trapped by the wiper linkage.

- Always switch off the windshield wipers and ignition before opening the engine hood.

- **To open:** pull lever 1 to release the engine hood.
  - Push hood catch 1 upwards and lift the hood by approximately 15 in (40 cm).
  - **To close:** lower the hood and let it fall from a height of approximately 8 in (20 cm).
  - If the hood can still be lifted slightly, open the hood again and close it with a little more force until it engages correctly.
Engine oil

Checking the engine oil level using the oil dipstick

⚠️ WARNING Risk of burns from hot component parts in the engine compartment

Certain component parts in the engine compartment can be very hot, e.g. the engine, the cooler and parts of the exhaust system.

- Let the engine cool down and only touch the component parts described as follows.

Depending on the engine, the oil dipstick may be installed in the engine compartment in different locations.

Waiting time before checking the oil level:
- Engine at normal operating temperature: five minutes.

- Park the vehicle on a flat surface.
- Remove oil dipstick 1 and wipe off.
- Slowly slide oil dipstick 1 into the guide tube to the stop, and take it out again after approximately three seconds.
  - Oil level is correct: oil level is between 2 and 3.
  - Oil level too low: oil level is at 3 or below.
  - Oil level too high: oil level is above 2.

If the oil level is too low, top up with 1.1 US qt (1 l) of engine oil.
If the oil level is too high, drain off excess engine oil. Consult a qualified specialist workshop.

Adding engine oil

⚠️ WARNING Risk of burns from hot component parts in the engine compartment

Certain component parts in the engine compartment can be very hot, e.g. the engine, the cooler and parts of the exhaust system.

- Let the engine cool down and only touch the component parts described as follows.

⚠️ WARNING Risk of fire and injury from engine oil

If engine oil comes into contact with hot component parts in the engine compart-ment, 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.
- Do not alter the engine oil or oil filter in order to achieve longer change intervals than prescribed.
- Do not use additives.
- Follow the instructions in the service interval display regarding the oil change.

**NOTE** Damage caused by topping up too much engine oil

Adding too much engine oil can cause damage to the engine or the catalytic converter.

- Have excess engine oil removed at a qualified specialist workshop.

- Turn cap \(^1\) counter-clockwise and remove it.
- Add engine oil.
- Replace cap \(^1\) and turn it clockwise as far as it will go.
- Check the oil level again (→ page 323).

### Checking the coolant level

**WARNING** Risk of burns from hot component parts in the engine compartment

Certain component parts in the engine compartment can be very hot, e.g. the engine, the cooler and parts of the exhaust system.

- Let the engine cool down and only touch the component parts described as follows.

**WARNING** Danger of burns from hot coolant

The engine cooling system is pressurized, particularly when the engine is warm. If you
Adding washer fluid to the windshield washer system

**WARNING** Risk of burns from hot component parts in the engine compartment

Certain component parts in the engine compartment can be very hot, e.g. the engine, the cooler and parts of the exhaust system.

- Let the engine cool down and only touch the component parts described as follows.

**WARNING** Danger of burns when opening the hood

If you open the hood when the engine has overheated or during a fire in the engine compartment, you could come into contact with hot gases or other escaping operating fluids.

- Before opening the hood, allow the engine to cool down.

---

**Park the vehicle on a level surface.**

**Check the coolant temperature display in the instrument cluster.**

The coolant temperature must be below 158 °F (70 °C).

**Slowly turn cap 1 counter-clockwise to relieve excess pressure.**

**Continue turning cap 1 counter-clockwise and remove it.**

The coolant level is correct:

- if the engine is cold up to marker bar 2
- if the engine is warm up to 0.6 in (1.5 cm) over marker bar 2

- If necessary, top up with coolant that has been approved by Mercedes-Benz.
- Further information on coolant (→ page 392)

---

**Let the engine cool down before opening the cap.**

**When opening the cap, wear gloves and protective eyewear.**

**Slowly turn the cap half a turn to allow pressure to escape.**

---

- Open the cap, you could be scalded by hot coolant spraying out.
- Let the motor cool down before opening the cap.
- When opening the cap, wear gloves and protective eyewear.
- Slowly turn the cap half a turn to allow pressure to escape.

---

- **PARK the vehicle on a level surface.**
- **Check the coolant temperature display in the instrument cluster.**
  The coolant temperature must be below 158 °F (70 °C).
- **Slowly turn cap 1 counter-clockwise to relieve excess pressure.**
- **Continue turning cap 1 counter-clockwise and remove it.**

The coolant level is correct:

- if the engine is cold up to marker bar 2
- if the engine is warm up to 0.6 in (1.5 cm) over marker bar 2

- If necessary, top up with coolant that has been approved by Mercedes-Benz.
- Further information on coolant (→ page 392)
In the event of a fire in the engine compartment, keep the hood closed and call the fire service.

**WARNING** - Risk of fire and injury from windshield washer concentrate

Windshield washer concentrate is highly flammable. It could ignite if it comes into contact with hot engine component parts or the exhaust system.

Make sure that no windshield washer concentrate spills out next to the filler opening.

- Remove cap 1 by the tab.
- Top up the washer fluid.

**Cleaning and care**

**Information on washing the vehicle in a car wash**

**WARNING** Risk of accident due to reduced braking effect after washing the vehicle

The braking effect is reduced after washing the vehicle.

After the vehicle has been washed, brake carefully while paying attention to the traffic conditions until the braking effect has been fully restored.

To avoid damage to your vehicle when using a car wash, ensure the following beforehand:

- Active Distance Assist DISTRONIC and the HOLD function are deactivated.
- The 360° camera or the reversing camera is switched off.
- The side windows and sliding sunroof are completely closed.
• The blower for the ventilation/heating is switched off.
• The windshield wiper switch is in position 0.
• In car washes with a conveyor system: neutral N is engaged.
• The SmartKey is at a distance of at least 10 ft (3 m) away from the vehicle, otherwise the trunk lid could open unintentionally.

If, after the car wash, you remove the wax from the windshield and wiper rubber, this will prevent smearing and reduce wiper noise.

Information on using a power washer

⚠️ WARNING Risk of accident when using high-pressure cleaning equipment with round-spray nozzles

The water jet from a round-spray nozzle (dirt grinder) may cause damage to tires and suspension components that is not visible.

Components damaged in this way may fail unexpectedly.

- Do not use high-pressure cleaning equipment with round-spray nozzles to clean your vehicle.
- Damaged tires or suspension components must be replaced immediately.

To avoid damage to your vehicle, observe the following when using a power washer:

- Keep the SmartKey at least 10 ft (3 m) away from the vehicle. Otherwise the trunk lid could open unintentionally.
- Maintain a distance of at least 11.8 in (30 cm) to the vehicle.
- Vehicles with decorative foil: parts of your vehicle are covered with a decorative foil. Maintain a distance of at least 27.6 in (70 cm) between the foil-covered parts of the vehicle and the nozzle of the high pressure cleaner. Move the power washer nozzle around whilst cleaning.
- Observe the information on the correct distance in the equipment manufacturer’s operating instructions.
- Do not point the nozzle of the power washer directly at sensitive parts such as tires, slits, electrical component parts, batteries, light sources and ventilation slots.

Washing the vehicle by hand

Observe the legal requirements, e.g. in a number of countries, washing by hand is only permitted in specially designated wash bays.

- Use a mild cleaning agent, e.g. car shampoo.
- Wash the vehicle with lukewarm water using a soft car sponge. When doing so, do not expose the vehicle to direct sunlight.
- Carefully hose the vehicle off with water and dry using a chamois. Take care not to point the water jet directly towards the air inlet grille.
### Notes on paintwork/matt finish paintwork care

Observe the following information:

<table>
<thead>
<tr>
<th>Cleaning and care</th>
<th>Avoiding paintwork damage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Paintwork</strong></td>
<td></td>
</tr>
<tr>
<td>Insect remains:</td>
<td>Do not attach stickers,</td>
</tr>
<tr>
<td>soak with insect</td>
<td>films or similar.</td>
</tr>
<tr>
<td>remover and rinse</td>
<td></td>
</tr>
<tr>
<td>off the treated</td>
<td>Remove dirt immediately,</td>
</tr>
<tr>
<td>areas afterwards.</td>
<td>where possible.</td>
</tr>
<tr>
<td>Bird droppings:</td>
<td></td>
</tr>
<tr>
<td>soak with water</td>
<td></td>
</tr>
<tr>
<td>and rinse off</td>
<td></td>
</tr>
<tr>
<td>afterwards.</td>
<td></td>
</tr>
<tr>
<td>Coolant, brake</td>
<td></td>
</tr>
<tr>
<td>fluid, tree</td>
<td></td>
</tr>
<tr>
<td>resins, oils,</td>
<td></td>
</tr>
<tr>
<td>fuel and greases:</td>
<td></td>
</tr>
<tr>
<td>remove by gently</td>
<td></td>
</tr>
<tr>
<td>rubbing with a</td>
<td></td>
</tr>
<tr>
<td>cloth soaked in</td>
<td></td>
</tr>
<tr>
<td>petroleum ether</td>
<td></td>
</tr>
<tr>
<td>or lighter fluid.</td>
<td></td>
</tr>
<tr>
<td>Tar stains:</td>
<td></td>
</tr>
<tr>
<td>use tar remover.</td>
<td></td>
</tr>
<tr>
<td>Wax: use silicone</td>
<td></td>
</tr>
<tr>
<td>remover.</td>
<td></td>
</tr>
<tr>
<td><strong>Matt finish</strong></td>
<td></td>
</tr>
<tr>
<td>Only use care</td>
<td></td>
</tr>
<tr>
<td>products approved</td>
<td></td>
</tr>
<tr>
<td>by Mercedes-Benz.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Notes on care of car parts

**WARNING** Risk of entrapment if the windshield wipers are switched on while the windshield is being cleaned

If the windshield wipers are set in motion while you are cleaning the windshield or wiper blades, you can be trapped by the wiper arm.

**WARNING** Risk of burns from tailpipes and tailpipe trim

The tailpipe and tailpipe trim can become very hot. If you come into contact with these parts of the vehicle, you could burn yourself.

Always switch off the windshield wipers and the ignition before cleaning the windshield or wiper blades.

Always be particularly careful around the tailpipe and the tailpipe trim.

Allow the vehicle parts to cool down before you touch them.

Observe the following information:

<table>
<thead>
<tr>
<th>Notes on cleaning and care</th>
<th>Avoiding vehicle damage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wheels/rims</strong></td>
<td>Use water and acid-free wheel cleaners.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Windows</strong></td>
<td>Clean the windows on the inside and outside using a damp cloth and cleaning agents recommended by Mercedes-Benz.</td>
</tr>
<tr>
<td><strong>Notes on cleaning and care</strong></td>
<td><strong>Avoiding vehicle damage</strong></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td><strong>Wiper blades</strong></td>
<td>Fold out the wiper blades and clean them using a damp cloth.</td>
</tr>
<tr>
<td><strong>Exterior lighting</strong></td>
<td>Clean the lenses with a wet sponge and mild cleaning agent, e.g. car shampoo.</td>
</tr>
</tbody>
</table>
| **AIRPANEL** | If the vehicle is very dusty or there are salt deposits in the AIRPANEL mechanics, the adjustment range of the shutters in the radiator grille may be restricted.  
- Switch on the ignition, and the shutters open automatically after approximately 120 seconds.  
- Clean the bearing points of the shutters with a power washer. | When using a power washer, maintain a minimum distance of 11.8 in (30 cm). |
| **Sensors** | Clean the sensors in the front and rear bumper and in the radiator grille with a soft cloth and car shampoo. | When using a power washer, maintain a minimum distance of 11.8 in (30 cm). |
| **Reversing camera and 360° Camera** |  
- Open the camera cover with the multimedia system(→ page 188).  
- Use clear water and a soft cloth to clean the camera lens. | Do not use a power washer. |
| **Tailpipes** | Clean with cleaning agents recommended by Mercedes-Benz, particularly in the winter and after washing the vehicle. | Do not use acidic cleaning agents. |
**Notes on care of the interior**

**WARNING** Risk of injury from plastic parts breaking off after the use of solvent-based care products

Care and cleaning products containing solvents can cause surfaces in the cockpit to become porous.

When the airbags are deployed, plastic parts may break away.
- Do not use any care or cleaning products containing solvents to clean the cockpit.

**WARNING** Risk of injury or death from bleached seat belts

Bleaching or dyeing seat belts can severely weaken them.
This can, for example, cause seat belts to tear or fail in an accident.
- Never bleach or dye seat belts.

---

**Observe the following information:**

<table>
<thead>
<tr>
<th>Information on cleaning and care</th>
<th>Avoiding vehicle damage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Seat belts</strong></td>
<td>Clean with warm water and soap solution.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>Clean the surface carefully with a microfiber cloth and TFT/LCD display cleaner.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Plastic trim</strong></td>
<td>• Clean with a damp microfiber cloth.</td>
</tr>
<tr>
<td></td>
<td>• If the trim is very dirty: use a cleaning agent recommended by Mercedes-Benz.</td>
</tr>
</tbody>
</table>
### Information on cleaning and care

| Genuine wood/trim elements | Clean with a microfiber cloth.  
|                           | Black piano-lacquer look: clean with a damp cloth and soap solution.  
|                           | If the trim is very dirty: use a cleaning agent recommended by Mercedes-Benz. |
| Roof lining               | Clean with a brush or dry shampoo. |
| Carpet                    | Use carpet and textile cleaning agents recommended by Mercedes-Benz. |
| Genuine leather seat covers | Clean with a damp cloth and then wipe with a dry cloth.  
|                           | Leather care: use leather care agents that have been recommended by Mercedes-Benz. |
| DINAMICA seat covers      | Clean with a damp cloth. |
| Artificial leather seat covers | Clean with a damp cloth and 1% soap solution. |

### Avoiding vehicle damage

- Do not use solvent-based cleaning agents, polishes or waxes.
- Do not allow the leather to become too damp.
- Do not use a microfiber cloth.
- Do not use a microfiber cloth.
<table>
<thead>
<tr>
<th>Information on cleaning and care</th>
<th>Avoiding vehicle damage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cloth seat covers</strong></td>
<td>Clean with a damp cloth and 1% soap solution and allow to</td>
</tr>
<tr>
<td></td>
<td>dry.</td>
</tr>
<tr>
<td><strong>EASY-PACK trunk box</strong></td>
<td>Clean with a damp cloth.</td>
</tr>
<tr>
<td></td>
<td>Do not use any alcohol-based thinners, gasoline or abrasive</td>
</tr>
<tr>
<td></td>
<td>cleaning agents.</td>
</tr>
</tbody>
</table>
Emergency
Removing the safety vest

The safety vests are located in the safety vest compartments in the driver's and front passenger door stowage compartments.

To remove: pull out safety jacket bag 1 by loop 2.

- Open safety vest bag 1 and pull out the safety vest.
- There are also safety vest compartments in the rear door stowage compartments in which safety vests can be stowed.

1 Maximum number of washes
2 Maximum wash temperature
3 Do not bleach
4 Do not iron
5 Do not use a laundry dryer
6 Do not dry-clean
7 This is a class 2 jacket

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 if:
- it is damaged or dirt on the reflective strips can no longer be removed
- the maximum number of washes is exceeded
- the fluorescence of the safety vest has faded

Flat tire
Notes on flat tires

⚠️ WARNING Risk of accident due to a flat tire

A flat tire severely affects the driving characteristics as well as the steering and braking of the vehicle.

Tires without run-flat characteristics:
- Do not drive on with a flat tire.
- Change the flat tire immediately with the emergency spare wheel or spare
Tires with run-flat characteristics:

- Observe the information and warning notes on MOExtended tires (run-flat tires).

In the event of a flat tire, the following options are available depending on your vehicle’s equipment:

- **Vehicles with MOExtended tires**: it is possible to continue the journey for a short period of time. Make sure you observe the notes on MOExtended tires (run-flat tires) (→ page 335).

- **Vehicles with a TIREFIT kit**: you can repair the tire so that it is possible to continue the journey for a short period of time. To do this, use the TIREFIT kit (→ page 336).

- **Vehicles with Mercedes-Benz mbrace® (USA only)**: you can make a call for Roadside Assistance via the overhead control panel in the case of a breakdown (→ page 286).

  - **All vehicles**: change the wheel (→ page 378).

### MOExtended tires (run-flat tires)

**WARNING** Risk of accident when driving in limp-home mode

When driving in emergency mode the handling characteristics are impaired, e.g. when cornering, when accelerating strongly and when braking.

- Do not exceed the specified maximum speed.
- Avoid any abrupt steering and driving maneuvers as well as driving over obstacles (curbs, pot holes, off-road). This applies, in particular, to a loaded vehicle.
- Stop driving in the emergency mode if you notice:
  - banging noise
  - vehicle vibration
  - smoke which smells like rubber
  - continuous ESP® intervention
  - cracks in tire side walls

After driving in emergency mode have the rims checked by a qualified specialist workshop with regard to their further use.

The defective tire must be replaced in every case.

With MOExtended tires (run-flat tires), you can continue to drive your vehicle even if there is a total loss of pressure in one or more tires. However, the tire affected must not show any clearly visible damage.

You can recognize MOExtended tires by the MOExtended marking which appears on the side wall of the tire.

**Vehicles with tire pressure monitoring system**: MOExtended tires may only be used in con-
junction with an activated tire pressure monitoring system.
If a pressure loss warning message appears in the multifunction display:
- Check the tire for damage.
- If driving on, observe the following notes.

Driving distance possible in limp-home mode after the pressure loss warning:

<table>
<thead>
<tr>
<th>Load condition</th>
<th>Driving distance possible in limp-home mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partially laden</td>
<td>50 miles (80 km)</td>
</tr>
<tr>
<td>Fully laden</td>
<td>19 miles (30 km)</td>
</tr>
</tbody>
</table>

- The driving distance possible in limp-home mode may vary depending on the driving style.
- Maximum permissible speed 50 mph (80 km/h).

If a tire has gone flat and cannot be replaced with an MOExtended tire, you can use a standard tire as a temporary measure.

You can use TIREFIT tire sealant to seal perforation damage of up to 0.16 in (4 mm), particularly those in the tire contact surface. You can use TIREFIT in outside temperatures down to -4 °F (-20 °C).

⚠️ **WARNING** Risk of accident when using tire sealant.

In the following situations, the tire sealant is unable to provide sufficient breakdown assistance, as it is unable to seal the tire properly:
- There are cuts or punctures in the tire larger than those previously mentioned.
- The wheel rim is damaged.
- You have driven at a very low tire pressure or on a flat tire.
- Do not continue driving.
- Consult a qualified specialist workshop.

**Using the TIREFIT kit**

**Requirements**

Have the following tools readily available:
- Tire sealant bottle
- Sticker TIREFIT
- Tire inflation compressor

**TIREFIT kit storage location**

The TIREFIT kit is located under the trunk floor.
**WARNING** Risk of injury and poisoning from tire sealant

The tire sealant is harmful and causes irritation. Do not allow it to come into contact with the skin, eyes or clothing, and do not swallow it. Do not inhale tire sealant fumes. Keep the tire sealant away from children.

If you come into contact with the tire sealant, observe the following:

- Rinse off the tire sealant from your skin immediately using water.
- If tire sealant gets into your eyes, thoroughly rinse out the eyes using clean water.
- If tire sealant has been swallowed, immediately rinse out the mouth thoroughly and drink plenty of water. Do not induce vomiting and seek medical attention immediately.
- Change out of any clothes contaminated with tire sealant immediately.
- If allergic reactions occur, seek medical attention immediately.

**NOTE** Overheating due to the tire inflation compressor running too long

- Do not run the tire inflation compressor for longer than ten minutes without interruption.

Comply with the manufacturer’s safety notes on the sticker on the tire inflation compressor.

- Have the tire sealant bottle replaced in a qualified specialist workshop every five years.
- Do not remove any foreign objects which have entered the tire.

![TIREFIT sticker](image)

- Affix part 1 of the TIREFIT sticker to the instrument cluster within the driver’s field of vision.
- Affix part 2 of the TIREFIT sticker near the valve on the wheel with the defective tire.

- Pull plug 4 with the cable and hose 5 out of the tire inflation compressor housing.
Push the plug of hose 5 into flange 6 of tire sealant bottle 1 until the plug engages.

Place tire sealant bottle 1 head downwards into recess 2 of the tire inflation compressor.

Remove the valve cap from valve 7 on the defective tire.

Screw filling hose 8 onto valve 7.

Insert plug 4 into a 12 V socket in your vehicle.

Switch on the ignition.

Press on and off switch 3 on the tire inflation compressor.

The tire inflation compressor is switched on. The tire is inflated. First, tire sealant is pumped into the tire. The pressure may briefly rise to approximately 500 kPa (5 bar/73 psi).

**Do not switch off the tire inflation compressor during this phase.**

Let the tire inflation compressor run for a maximum of ten minutes. The tire should then have attained a tire pressure of at least 200 kPa (2.0 bar/29 psi).

If tire sealant leaks out, make sure you clean the affected areas as quickly as possible. It is preferable to use clean water.

If you get tire sealant on your clothing, have it cleaned as soon as possible with perchloroethylene.

If, after ten minutes, a tire pressure of 200 kPa (2.0 bar/29 psi) has not been achieved:

- Switch off the tire inflation compressor.
- Unscrew the filling hose from the valve of the defective tire.

Please note that tire sealant may leak out when unscrewing the filling hose.

- Very slowly drive the vehicle forwards or reverse approximately 33 ft (10 m).
- Pump up the tire again. After a maximum of ten minutes the tire pressure must be at least 200 kPa (2.0 bar/29 psi).

**WARNING** Risk of accident due to the specified tire pressure not being reached

If the specified tire pressure is not reached after the specified time, the tire is too badly damaged. The tire sealant cannot repair the tire in this instance.
Damaged tires and a tire pressure that is too low can significantly impair braking and handling characteristics.

- Do not continue driving.
- Consult a qualified specialist workshop.

If, after ten minutes, a tire pressure of 200 kPa (2.0 bar/29 psi) has been achieved:

⚠️ WARNING Risk of accident from driving with sealed tires

A tire temporarily sealed with tire sealant impairs the handling characteristics and is not suitable for higher speeds.

- Adapt your driving style accordingly and drive carefully.
- Do not exceed the specified maximum speed with a tire that has been repaired using tire sealant.

- Observe the maximum permissible speed for a tire sealed with tire sealant 50 mph (80 km/h).

NOTE Staining caused by leaking tire sealant

After use, excess tire sealant may leak out from the filling hose.

- Therefore, place the filling hose in the plastic bag that contained the TIREFIT kit.

ENVIRONMENTAL NOTE Environmental pollution caused by environmentally irresponsible disposal

Tire sealant contains pollutants.

- Have the tire sealant bottle disposed of professionally, e.g. at an authorized Mercedes-Benz Center.

- Switch off the tire inflation compressor.
- Unscrew the filling hose from the valve of the defective tire.

- Fasten the upper section of the TIREFIT sticker to the instrument cluster where it will be easily seen by the driver.

- Store the tire sealant bottle and the tire inflation compressor.

Pull away immediately.

- Stop after driving for approximately ten minutes and check the tire pressure using the tire inflation compressor. The tire pressure must now be at least 130 kPa (1.3 bar/19 psi).

⚠️ WARNING Risk of accident due to the specified tire pressure not being reached

If the specified tire pressure is not reached after a brief drive, the tire is too badly damaged. The tire sealant cannot repair the tire in this instance.

Damaged tires and tire pressure that is too low can significantly impair the braking properties and the handling characteristics.

- Do not continue driving.
- Consult a qualified specialist workshop.

In cases such as the one mentioned above, contact an authorized Mercedes-Benz Center. Or
call 1-800-FOR-MERCEdes (in the USA) or 1-800-387-0100 (in Canada).

*Correct the tire pressure if it is still at least 130 kPa (1.3 bar/19 psi). See the Tire and Loading Information placard on the driver’s side B-pillar or the tire pressure table in the fuel filler flap for values.*

**To increase the tire pressure:** switch on the tire inflation compressor.

**To reduce the tire pressure:** press pressure release button 1 next to manometer 2.

When the tire pressure is correct, unscrew the filling hose from the valve of the sealed tire.

Screw the valve cap onto the tire valve of the sealed tire.

Pull the tire sealant bottle out of the tire inflation compressor.

The filling hose stays on the tire sealant bottle.

Drive to the nearest qualified specialist workshop and have the tire, tire sealant bottle and filling hose replaced there.

---

**Battery (vehicle)**

**Notes on the 12 V battery**

**WARNING** Risk of an accident due to work carried out incorrectly on the battery

Work carried out incorrectly on the battery can, for example, lead to a short circuit. This can lead to function restrictions in safety-relevant systems, for example the lighting system, ABS (anti-lock braking system) or ESP® (Electronic Stability Program). The operating safety of your vehicle may be restricted.

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

- when braking
- in the event of abrupt steering maneuvers
  and/or when the vehicle’s speed is not adapted to the road conditions

- In the event of a short circuit or a similar incident, contact a qualified specialist workshop immediately.
- Do not continue driving.
- Always have work on the battery carried out at a qualified specialist workshop.

- Further information on ABS (→ page 158)
- Further information on ESP®

For safety reasons, Mercedes-Benz recommends that you only use batteries which have been tested and approved for your vehicle by Mercedes-
Benz. These batteries provide increased impact protection to prevent vehicle occupants from suffering acid burns should the battery be damaged in the event of an accident.

**All vehicles except vehicles with a lithium-ion battery**

⚠️ **WARNING** Risk of explosion due to electrostatic charge

Electrostatic charge can cause sparks which may ignite the highly flammable gas mixture in the battery.

- To discharge any electrostatic charge that may have built up, touch the metal vehicle body before handling the battery.

The highly flammable gas mixture is created while the battery is charging and during starting assistance.

⚠️ **WARNING** Danger of chemical burns from the battery acid

Battery acid is caustic.

- Avoid contact with the skin, eyes or clothing.
- Do not lean over the battery.
- Do not inhale battery gases.
- Keep children away from the battery.
- Immediately rinse battery acid off thoroughly with plenty of clean water and seek medical attention immediately.

**All vehicles**

🔍 **ENVIRONMENTAL NOTE** Environmental damage caused by improper disposal of batteries

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

If you have to connect the 12 volt battery, contact a qualified specialist workshop. Comply with safety notes and take protective measures when handling batteries.

- Risk of explosion

- Fire, open flames and smoking are prohibited when handling the battery. Avoid creating sparks.

- Electrolyte or battery acid is corrosive. Avoid contact with the skin, eyes or clothing. Wear suitable protective clothing, in particular gloves, an
apron and a face mask. Immediately rinse electrolyte or acid splashes off with clean water. Consult a doctor if necessary.

Wear safety glasses.

Keep children away.

Observe this Operator's Manual.

If you do not intend to use the vehicle over an extended period of time:
- Activate standby mode, or
- Connect the battery to a battery charger approved by Mercedes-Benz, or
- Consult a qualified specialist workshop to disconnect the battery

### Starting assistance and charging the 12 V battery

#### Vehicles with a lithium-ion 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 from 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 14.4 V.

#### All other vehicles
- When charging the battery and during starting assistance, always use the jump-start connection point in the engine compartment.

#### NOTE Damaging the battery through overvoltage

When charging using a battery charger without a maximum charging voltage, the battery or the vehicle electronics may be damaged.
- Only use battery chargers with a maximum charging voltage of 14.8 V.

#### WARNING Risk of explosion from hydrogen gas igniting

A battery generates hydrogen gas during the charging process. If there is a short circuit or sparks start to form, there is a danger of the hydrogen gas igniting.
- Make sure that the positive terminal of the 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, you must observe the described order for the battery clamps.
When giving starting assistance, always make sure that you only connect battery terminals with identical polarity.
During starting assistance, you must observe the described order for connecting and disconnecting the jumper cables.
Do not connect or disconnect the battery clamps while the engine is running.

**WARNING** Risk of explosion during charging process and starting assistance

During the charging process and starting assistance, the battery may release an explosive gas mixture.
- Avoid fire, open flames, creating sparks and smoking.
- Make sure that there is sufficient ventilation during the charging process and during starting assistance.
- Do not lean over a battery.

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.

**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 may be released.
- Always thaw a frozen battery out first before charging it or performing starting assistance.

The service life of a battery that has been thawed may be dramatically shortened. It is recommended that you have a thawed battery checked at a qualified specialist workshop.

**NOTE** Damage caused by numerous or extended attempts to start the engine

Numerous or extended attempts to start the engine may damage the catalytic converter due to non-combusted fuel.
- Avoid numerous and extended attempts to start the engine.

Observe the following points during starting assistance and when charging the battery:
- Only use undamaged jumper/charging cables with a sufficient cross-section and insulated terminal clamps.
- Non-insulated parts of the terminal clamps must not come into contact with other metal parts while the jumper/charging cable is connected to the battery/jump-start connection point.
- The jumper/charging cable must not come into contact with any parts which may move when the engine is running.
Always make sure that neither you nor the battery is electrostatically charged.
- Keep away from fire and open flames.
- Do not lean over the battery.
- **When charging:** only use battery chargers tested and approved by Mercedes-Benz and read the battery charger’s operating instructions before charging the battery.

Observe the additional following points during starting assistance:
- Starting assistance may only be provided using batteries with a nominal voltage of 12 V.
- The vehicles must not touch.
- **Gasoline engine:** only accept starting assistance if the engine and exhaust system are cold.

- Secure the vehicle by applying the electric parking brake.
- **Automatic transmission:** shift the transmission to position **P**.

- Make sure that the ignition and all electrical consumers are switched off.
- Open the hood.

- Slide cover 1 of positive clamp 2 on the jump-starting connection point in the direction of the arrow.
- Connect positive clamp 2 on your vehicle to positive pole of the donor battery using the jumper/charging cable. Always begin with positive clamp 2 on your own vehicle first.

- **During the starting assistance procedure:** start the engine of the donor vehicle and run at idle speed.
- Connect the negative pole of the donor battery and ground point 3 of your own vehicle by using the jumper/charging cable. Begin with the donor battery first.
- **During starting assistance:** start the engine of your own vehicle.
- **During the charging process:** start the charging process.
- **During starting assistance:** let the engines run for several minutes.
- **During starting assistance:** before disconnecting the jumper cable, switch on an electrical consumer in your own vehicle, e.g. the rear window heater or lighting.

When the starting assistance/charging process is complete:
First, remove the jumper/charging cable from ground point 3 and negative pole of the donor battery, then from positive clamp 2 and positive pole of the donor battery. Begin each time with the contacts on your own vehicle first.

After removing the jumper/charging cable, close cover 1 of positive clamp 2.

Further information can be obtained at a qualified specialist workshop.

### Tow starting or towing away

#### Permitted towing methods

Mercedes-Benz recommends transporting your vehicle in the case of a breakdown, rather than towing it away.

---

**NOTE** Damage to the vehicle due to towing away incorrectly

Observe the instructions and notes on towing away.
### Permitted towing methods

<table>
<thead>
<tr>
<th>Vehicle equipment/towing method</th>
<th>Both axles on the ground</th>
<th>Front axle raised</th>
<th>Rear axle raised</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicles with manual transmission</td>
<td>Yes, maximum 31 miles (50 km) at 31 mph (50 km/h)</td>
<td>Yes, maximum 31 miles (50 km) at 31 mph (50 km/h)</td>
<td>Yes, maximum 31 miles (50 km) at 31 mph (50 km/h)</td>
</tr>
<tr>
<td>Vehicles with automatic transmission</td>
<td>Yes, maximum 31 miles (50 km) at 31 mph (50 km/h)</td>
<td>No</td>
<td>Yes, if the steering wheel is fixed in the center position with a steering wheel lock.</td>
</tr>
<tr>
<td>4MATIC vehicles</td>
<td>Yes, maximum 31 miles (50 km) at 31 mph (50 km/h)</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**Towing with a raised axle:** towing should be performed by a towing company.

**Towing the vehicle with both axles on the ground**

- Make sure that the battery is connected and charged.
- When the battery is discharged:
  - the engine cannot be started.
  - the electric parking brake cannot be released or applied.

**Vehicles with automatic transmission:** the automatic transmission cannot be shifted to position N or P.
Vehicles with automatic transmission: if the automatic transmission cannot be shifted to position [N], or the multifunction display in the instrument cluster does not show anything, have the vehicle transported away (→ page 348). A towing vehicle with lifting equipment is required for vehicle transportation.

NOTE Damage due to towing away at excessively high speeds or over long distances

The drivetrain could be damaged when towing at excessively high speeds or over long distances.

- A towing speed of 30 mph (50 km/h) must not be exceeded.
- A towing distance of 30 miles (50 km) must not be exceeded.

WARNING Risk of accident when towing a vehicle which is too heavy

If the vehicle being 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 even overturn.

If another vehicle is tow-started or towed away, its weight must not exceed the permissible gross mass of your own vehicle.

If a vehicle must be tow-started or towed away, its weight 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.

Vehicles with automatic transmission: do not open the driver’s door or front passenger door, otherwise the automatic transmission automatically shifts to position [P].

- Install the towing eye (→ page 350).
- Attach the tow bar.

NOTE Damage due to incorrect connection

- Only connect the tow rope or tow bar to the towing eyes.

Deactivate the automatic locking mechanism (→ page 64).
- Do not activate the HOLD function.
- Deactivate Active Brake Assist (→ page 164).
- Vehicles with automatic transmission: shift the automatic transmission to position [N].

Release the electric parking brake.
**WARNING** Risk of accident due to limited safety-related functions during the towing process

Safety-related functions are limited or no longer available in the following situations:
- the ignition is switched off.
- the brake system or power steering system is malfunctioning.
- the energy supply or the on-board electrical system is malfunctioning.

When your vehicle is then towed away, significantly more effort may be required to steer and brake than is normally required.

- Use a tow bar.
- Make sure that the steering wheel can move freely, before towing the vehicle away.

---

**NOTE** Damage due to excessive tractive power

If you pull away sharply, the tractive power may be too high and the vehicles could be damaged.

- Pull away slowly and smoothly.

---

**Loading the vehicle for transport**

- Observe the notes on towing away (→ page 346).
- Connect the tow bar to the towing eye to load the vehicle.
- **Vehicles with automatic transmission:**
  Shift the automatic transmission to position **P**.

---

**Vehicles with ADS PLUS (Adaptive Damping System PLUS)**

The reduced damping forces on the vehicle being transported can cause the vehicle/trailer combination to start to swing.

As a result, when transporting vehicles with the Adaptive Damping System PLUS, the vehicle/trailer combination may start to skid. Consequently, you could lose control of your vehicle.

- When transporting, ensure that:
- The vehicle has been loaded onto the transporter correctly
- The vehicle is secured at all four wheels with suitable tensioning straps
- The maximum permissible speed of 35 mph (60 km/h) is not exceeded when transporting

**NOTE** Damage to the vehicle from securing it incorrectly

- After loading, the vehicle must be secured at all four wheels. Otherwise, the vehicle could be damaged.
- A minimum distance of 8 in (20 cm) up and 4 in (10 cm) down 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 drivetrain due to incorrect positioning

- Do not position the vehicle above the connection point of the transport vehicle.

---

**Towing eye storage location**

Towing eye 1 is attached to the edge of the trunk under the trunk floor.
Installing 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.

Make sure that cover 1 engages in the bumper when you remove the towing eye.

Tow starting the vehicle (emergency engine starting)

Vehicles with automatic transmission

NOTE Damage due to incorrect use of the towing eye

When a towing eye is used to recover a vehicle, the vehicle may be damaged in the process.

Only use the towing eye to tow away or tow start the vehicle.

Tow starting the vehicle (emergency engine starting)

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.

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 caused by incorrect fuses

Incorrect fuses may cause damage to electrical components or systems.

Only use Mercedes-Benz approved fuses with the correct fuse rating.

Blown fuses must be replaced with fuses of the same rating, which you can recognize by the colour and fuse rating. For fuses in the engine com-
partment and trunk, only use those fuses marked with an "S". The fuse ratings are listed in the fuse assignment diagram.

**Fuse assignment diagram**: on the fuse box in the trunk (→ page 353).

<table>
<thead>
<tr>
<th>NOTE</th>
<th>Damage or malfunctions caused by moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moisture may cause damage to the electrical system or cause it to malfunction.</td>
<td></td>
</tr>
<tr>
<td>▶ When the fuse box is open, make sure that no moisture can enter the fuse box.</td>
<td></td>
</tr>
<tr>
<td>▶ When closing the fuse box, make sure that the seal of the lid is positioned correctly on the fuse box.</td>
<td></td>
</tr>
</tbody>
</table>

If the newly inserted fuse also blows, have the cause traced and rectified at a qualified specialist workshop, e.g. a Mercedes-Benz Service Center.

Ensure the following before replacing a fuse:
- The vehicle is secured against rolling away.
- All electrical consumers are switched off.
- The ignition is switched off.

The electrical fuses are located in various fuse boxes:
- Fuse box on the driver's side of the engine compartment (→ page 351)
- Fuse box on the driver's side of the cockpit (→ page 352)
- Fuse box in the front passenger footwell (→ page 352)
- Fuse box in the trunk on the right-hand side of the vehicle, when viewed in the direction of travel (→ page 353)

**Fuse box in the engine compartment**

Observe the notes on electrical fuses (→ page 350).

**Requirements**:
- You need a dry cloth and a screwdriver.

---

**Opening**

⚠️ **WARNING** Risk of injury from using the windshield wipers while the engine hood is open

When the engine hood is open and the windshield wipers are set in motion, you can be trapped by the wiper linkage.
- Always switch off the windshield wipers and ignition before opening the engine hood.

---

Breakdown assistance 351
Dashboard fuse box

The fuse box is on the side of the dashboard under a cover.

回想 notes on electrical fuses (→ page 350).

Fuse box in the front-passenger footwell

Observe the notes on electrical fuses (→ page 350).

Insert the lid into the bracket at the rear of the fuse box.
Fold down lid of the fuse box and tighten screws 4.
Insert cover 1 on both sides and engage the safety clips.
Turn clip 2 on cover 1 one quarter-turn to the right.
Close the engine hood.

Closing
Check whether the seal is positioned correctly in the lid.

Turnclip 2 on cover 1 a quarter-turn to the left.
Pull cover 1 upwards in the direction of the arrow.

Remove any existing moisture from the fuse box using a dry cloth.
Loosen screws 4, remove fuse box lid 3 from the top.
Open cover 1 in the direction of the arrow and remove it.

**Fuse box in the trunk**

Observe the notes on electrical fuses (→ page 350).

Fold cover 1 down in the direction of the arrow.

The fuse assignment diagram is in a recess on the side of the fuse box.
Notes on noise or unusual handling characteristics

While driving, pay attention to vibrations, noises and unusual handling characteristics, e.g. pulling to one side. This may indicate that the wheels or tires are damaged. If you suspect that a tire is defective, reduce your speed immediately. Stop the vehicle as soon as possible to check the wheels and tires for damage. Hidden tire damage could also be causing the unusual handling characteristics. If you find no signs of damage, have the tires and wheels checked at a qualified specialist workshop.

Regular checking of wheels and tires

**WARNING** Risk of accident from damaged tires

Damaged tires can cause tire pressure loss. As a result, you could lose control of your vehicle.

**WARNING** Risk of aquaplaning due to insufficient tire tread

Insufficient tire tread will result in reduced tire grip. The tire tread is no longer able to dissipate water. This means that in heavy rain or slush the risk of hydroplaning is increased, in particular if vehicle speed is not adapted to suit the conditions.

If the tire pressure is too high or too low, tires may exhibit different levels of wear at different locations on the tire contact surface.

Thus, you should regularly check the tread depth and the condition of the tire contact surface across the entire width of all tires.

**FOR SAFETY REASONS**, replace the tires before the legally prescribed limit for the minimum tread depth is reached.

Carry out the following checks on all wheels regularly, at least once a month or as required, e.g. prior to a long journey or driving off-road:

- Check the tire pressure (→ page 356).
- Visual inspection of wheels and tires for damage.
- Check the valve caps.
  The valves must be protected against moisture and dirt by the valve caps approved especially for your vehicle by Mercedes-Benz.
- Visual check of the tire tread depth and the tire contact surface condition across the entire width.

Minimum tread depth for:

- Summer tires: 3/32 in (3 mm)
- M+S tires: 4/32 in (4 mm)
The minimum tread depth for summer tires is \( \frac{3}{16} \) in (3 mm) and for winter tires \( \frac{1}{16} \) in (4 mm).

Six marks \( \text{1} \) show where the bar indicators (arrow) are integrated into the tire tread. They are visible once a tread depth of approximately \( \frac{1}{16} \) in (1.6 mm) has been reached.

**Notes on snow chains**

**WARNING** Risk of accident due to incorrect mounting of snow chains

If you have mounted snow chains to the front wheels, the snow chains may drag against the vehicle body or chassis components. This could cause damage to the vehicle or the tires.

- Never mount snow chains on the front wheels.
- Only mount snow chains on the rear wheels in pairs.

**NOTE** Damage to the wheel trim from mounted snow chains

If snow chains are mounted to steel wheels, the wheel trims can be damaged.

- Remove the wheel trims of steel wheels before mounting snow chains.

- Snow chains are only permissible for certain wheel/tire combinations. You can obtain information about this from an authorized Mercedes-Benz Center.
- For safety reasons, only use snow chains that have been specifically approved for your vehicle by Mercedes-Benz, or snow chains with the same quality standard.
- If snow chains are mounted, the maximum permissible speed is 30 mph (50 km/h).
- **Vehicles with Active Parking Assist:** Do not use Active Parking Assist when snow chains are mounted.
- **Vehicles with AIR BODY CONTROL:** Only drive at raised vehicle level when snow chains are mounted.

You can deactivate ESP® to pull away (→ page 159). This allows the wheels to spin, achieving an increased driving force.
Tire pressure

Notes on tire pressure

**WARNING** Risk of accident due to insufficient or excessive tire pressure

Underinflated or overinflated tires pose the following risks:

- The tires may burst, especially as the load and vehicle speed increase.
- The tires may wear excessively and/or unevenly, which may greatly impair tire traction.
- The driving characteristics, as well as steering and braking, may be greatly impaired.

- Comply with the recommended tire pressure and check the tire pressure of all tires including the spare wheel regularly:
  - at least once a month
  - when the load changes

- before embarking on a longer journey
- if operating conditions change, e.g. off-road driving

    Adjust the tire pressure as necessary.

Driving with tire pressure that is too high or too low can:

- Shorten the service life of the tires.
- Cause increased tire damage.
- Adversely affect driving characteristics and thus driving safety, e.g. due to aquaplaning.

**WARNING** Risk of an accident due to insufficient tire pressure

Tires with pressure that is too low can overheat and burst as a result.

In addition, they also suffer from excessive and/or irregular wear, which can significantly impair the braking properties and the handling characteristics.

    Avoid excessively low tire pressures in all the tires, including the spare wheel.

Tire pressure which is too low can cause:

- Tire defects as a result of overheating
- Impaired handling characteristics
- Irregular wear
- Increased fuel consumption

**WARNING** Risk of accident from excessive tire pressure

Tires with excessively high pressure can burst because they are damaged more easily by highway fill, pot holes etc.

In addition, they also suffer from irregular wear, which can significantly impair the braking properties and the handling characteristics.

    Avoid excessively high tire pressures in all the tires, including the spare wheel.

Excessively high tire pressure can result in:

- Increased braking distance
- Impaired handling characteristics
- Irregular wear
• Impaired driving comfort
• Susceptibility to damage

**WARNING** Risk of accident caused by repeated drop in tire pressure

If the tire pressure drops repeatedly, the wheel, valve or tire may be damaged. Insufficient tire pressure can cause the tires to burst.

- Inspect the tire for signs of foreign objects.
- Check whether the wheel or valve has a leak.
- If you are unable to rectify the damage, contact a qualified specialist workshop.

You can find information on tire pressures for the vehicle's factory-installed tires on the following labels:

- Tire and Loading Information placard on the B-pillar of your vehicle (→ page 361).
- Tire pressure table on the inside of the fuel filler flap (→ page 357).

Observe the maximum tire pressure (→ page 369).

Use a suitable pressure gauge to check the tire pressure. The outer appearance of a tire does not permit any reliable conclusion about the tire pressure.

**Vehicles with a tire pressure monitoring system:** You can also check the tire pressure using the on-board computer.

Only correct tire pressures when the tires are cold. Conditions for cold tires:

- The vehicle has been parked with the tires out of direct sunlight for at least three hours.
- The vehicle has traveled less than 1 mile (1.6 km).

A rise in the tire temperature of 18 °F (10 °C) increases the tire pressure by approx. 10 kPa (0.1 bar / 1.5 psi). Take this into account when checking the tire pressure of warm tires.

The tire pressures recommended for increased load/speed in the tire pressure table can affect the ride comfort.

**WARNING** Risk of accident from unsuitable accessories on the tire valves

If you mount unsuitable accessories onto tire valves, the tire valves may be overloaded and malfunction, which can cause tire pressure loss. Tire pressure monitoring systems for retrofitting will cause the tire valve to remain open. This can also result in tire pressure loss.

- Only screw standard valve caps or valve caps specifically approved by Mercedes-Benz for your vehicle onto the tire valve.

**Tire pressure table**

The tire pressure table is on the inside of the fuel filler flap.

ℹ️ The data shown in the images is example data.
The tire pressure table shows the recommended tire pressure for all tires approved for this vehicle. The recommended tire pressures apply for cold tires under various operating conditions, i.e. loading and/or speed of the vehicle.

If one or more tire sizes precede a tire pressure, the tire pressure information following is only valid for those tire sizes.

The load conditions "partially laden" and "fully laden" are defined in the table for different numbers of passengers and amounts of luggage. The actual number of seats may differ from this.

Some tire pressure tables only show the rim diameter instead of the complete tire size, e.g. R18. The rim diameter is part of the tire size and can be found on the tire side wall (→ page 369). Be sure to also observe the following further related subjects:

- Notes on tire pressure (→ page 356)
- Tire and Loading Information placard (→ page 361)

- Maximum tire pressure (→ page 369)

### Checking tire pressures manually

- Read the tire pressure for the current operating conditions from the Tire and Loading Information placard or the tire pressure table. Observe the notes on tire pressure.
- Remove the valve cap of the tire to be checked.
- Press the tire pressure gauge securely onto the valve.
- Read the tire pressure.
- If the tire pressure is lower than the recommended value, increase the tire pressure to the recommended value.
- If the tire pressure is higher than the recommended value, release air. To do so, press down the metal pin in the valve, e.g. using the tip of a pen for example. Then check the tire pressure again using the tire pressure gauge.
- Screw the valve cap onto the valve.
Further related subjects:

- Notes on tire pressure (→ page 356)
- Tire pressure table (→ page 357)
- Tire and Loading Information placard (→ page 361)

**Tire pressure monitoring system**

**Function of the tire pressure monitoring system**

⚠️ **DANGER** Risk of accident due to incorrect tire pressure

Every tire, including the spare (if provided), should be checked when cold at least once a month and inflated to the pressure recommended by the vehicle manufacturer (see Tire and Loading Information placard on the B-pillar on the driver’s side or the tire pressure label on the inside of the fuel filler flap of your vehicle). If your vehicle has tires of a different size than the size indicated on the Tire and Loading Information placard or the tire pressure table, you need to determine the proper tire pressure for those tires.

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure indicator lamp when one or more of your tires are significantly underinflated. Accordingly, if the low tire pressure indicator lamp lights up, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Underinflation also increases fuel consumption and reduces tire tread life, and may affect the vehicle’s handling and braking ability. Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver’s responsibility to maintain correct tire pressure, even if underinflation has not reached the level to trigger illumination of the TPMS low tire pressure indicator lamp.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure indicator lamp. When the system detects a malfunction, the indicator lamp will flash for approximately a minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.

When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of incompatible replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly.

Always check the TPMS malfunction warning lamp after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.
The system checks the tire pressure and the tire temperature of the tires fitted to the vehicle by means of a tire pressure sensor.

New tire pressure sensors, e.g. in winter tires, are automatically taught-in the first time they are driven.

The tire pressure and the tire temperature appear in the multifunction display (→ page 206).

If there is a substantial pressure loss or if the tire temperature is excessive, a warning will be given:
- Via display messages (→ page 426).
- Via the \[ \] warning lamp in the instrument cluster (→ page 456).

It is the driver’s responsibility to set the tire pressure to the recommended cold tire pressure suitable for the operating situation. Set the tire pressure for cold tires using a tire pressure gauge. Note that the correct tire pressure for the current operating situation must first be taught-in to the tire pressure monitoring system.

In most cases, the tire pressure monitoring system will automatically update the new reference values after you have changed the tire pressure. You can, however, also update the reference values by restarting the tire pressure monitoring system manually (→ page 361).

**System limitations**

The system may be impaired or may not function in the following situations:
- If the tire pressure is set incorrectly.
- If there is a sudden pressure loss caused, for example, by a foreign object penetrating the tire.
- If there is a malfunction caused by another radio signal source.

Make sure to observe the following further related subject:
- Notes on tire pressure (→ page 356)

**Checking the tire pressure with the tire pressure monitoring system**

**Requirement:**
- The ignition is switched on.

On-board computer:

Service >> Tires

One of the following displays appears:
- Current tire pressure and tire temperature of the individual wheels:
  - Tire pressure will be displayed after driving a few minutes
  - Tire Pressure Monitor Active: the teach-in process of the system is not yet complete. The tire pressures are already being monitored.

Compare the tire pressure with the recommended tire pressure for the current operat-
The values displayed in the multifunction display may deviate from those of the tire pressure gauge as they refer to sea level. At high altitudes, the tire pressure values indicated by pressure gauges are higher than those shown by the on-board computer. In this case, do not reduce the tire pressure.

Make sure to observe the following further related subject:
- Notes on tire pressure (→ page 356)

**Restarting the tire pressure monitoring system**

**Requirement:**
- The recommended tire pressure is correctly set for the respective operating condition on each of the four wheels (→ page 356).

Restart the tire pressure monitoring system in the following situations:
- The tire pressure has changed.
- The wheels or tires have been changed or newly installed.

On-board computer:

> Service  ➤ Tires

- Swipe downwards on the Touch Control on the left-hand side of the steering wheel.
  The Use Current Pressures as New Reference Values message is shown in the multifunction display.
- Press [OK] to confirm the restart.
  The Tire Press. Monitor Restarted message is shown in the multifunction display.

Current warning messages are deleted and the [ ![ ] ] yellow warning lamp goes out.

After you have driven for a few minutes, the system checks whether the current tire pressures are within the specified range. The current tire pressures are then accepted as reference values and monitored.

Make sure to observe the following further related subject:
- Notes on tire pressure (→ page 356)

### Radio-equipment approval of the tire pressure monitoring system

<table>
<thead>
<tr>
<th>Country</th>
<th>Radio equipment approval number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>FCC ID: MRXAG5SP4</td>
</tr>
<tr>
<td>USA</td>
<td>FCC ID: MRXMFIR</td>
</tr>
<tr>
<td></td>
<td>IC: 2546A-AG5SP4</td>
</tr>
</tbody>
</table>

Further information on the declaration of conformity for wireless vehicle components (→ page 23).

### Loading the vehicle

#### Tire and Loading Information placard

**WARNING** Risk of accident from overloaded tires

Overloaded tires may overheat and burst as a consequence. Overloaded tires can also impair the steering and handling characteristics and lead to brake failure.
Observe the load rating of the tires.

- The load rating must be at least half the permissible axle load of the vehicle.
- Never overload the tires by exceeding the maximum load.

The Tire and Loading Information placard is on the B-pillar on the driver’s side of the vehicle.

The data shown in the image is example data. The Tire and Loading Information placard shows:
- Maximum number of seats according to the maximum number of people permitted to travel in the vehicle.
- Maximum permissible load comprises the gross weight of all vehicle occupants, load and luggage.

- Recommended tire pressures for cold tires. The recommended tire pressures are valid for the maximum permissible load and up to the maximum permissible vehicle speed.

Please also note:
- Information on permissible weights and loads on the vehicle identification plate (→ page 386).
- Information on tire pressure on the tire pressure table (→ page 357).

Further related subjects:
- Determining the maximum permissible load (→ page 362)
- Notes on tire pressure (→ page 356)

**Determining the maximum permissible load**

The following steps have been developed as required of all manufacturers under Title 49, Code of U.S. Federal Regulations, Part 575, pursuant to the “National Traffic and Motor Vehicle Safety Act of 1966.”
Step 1: locate the statement "The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs." on your vehicle’s Tire and Loading Information placard.

Step 2: determine the combined weight of the driver and passengers that will be traveling in your vehicle.

Step 3: subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.

Step 4: the resulting figure equals the permissible cargo and luggage load capacity. For example: If "XXX" equals 1400 lbs and there are five occupants in your vehicle with a weight of 150 lbs each, the maximum cargo and luggage load capacity is 650 lbs (1400 - 750 (5 x 150) = 650 lbs).

Step 5: determine the combined weight of luggage and cargo that the vehicle will be carrying. For safety reasons, this weight may not safely exceed the available cargo and luggage load capacity calculated in step 4.

Even if you have calculated the total load carefully, you should still make sure that the maximum permissible gross mass and the maximum permissible axle load of your vehicle are not exceeded. Details can be found on the vehicle identification plate.

Have your loaded vehicle – including driver, occupants and load – weighed on a vehicle weighbridge. The measured values may not exceed the maximum permissible values stated on the vehicle identification plate.

Further related subjects:
- Calculation example for determining the maximum load
- Tire and Loading Information placard
- Tire pressure table
- Vehicle identification plate

Calculation example for determining the maximum load

The following table shows examples of how to calculate total and load capacities with varying seating configurations and different numbers and sizes of occupants. The following examples use a maximum load of 1500 lbs (680 kg). This is for illustration purposes only. Make sure you are using the actual load limit for your vehicle stated on your vehicle’s Tire and Loading Information placard (→ page 361). The higher the weight of all the occupants, the smaller the maximum load for luggage.
Step 1

<table>
<thead>
<tr>
<th></th>
<th>Example 1</th>
<th>Example 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combined maximum weight of occupants and load (data from the Tire and Loading Information placard)</td>
<td>1500 lbs (680 kg)</td>
<td>1500 lbs (680 kg)</td>
</tr>
</tbody>
</table>

Step 2

<table>
<thead>
<tr>
<th></th>
<th>Example 1</th>
<th>Example 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of people in the vehicle (driver and occupants)</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>Distribution of the occupants</td>
<td>Front: 2</td>
<td>Front: 1</td>
</tr>
<tr>
<td></td>
<td>Rear: 3</td>
<td></td>
</tr>
<tr>
<td>Weight of occupants</td>
<td>Occupant 1: 150 lbs (68 kg)</td>
<td>Occupant 1: 200 lbs (91 kg)</td>
</tr>
<tr>
<td></td>
<td>Occupant 2: 180 lbs (82 kg)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Occupant 3: 160 lbs (73 kg)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Occupant 4: 140 lbs (63 kg)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Occupant 5: 120 lbs (54 kg)</td>
<td></td>
</tr>
<tr>
<td>Total weight of all occupants</td>
<td>750 lbs (340 kg)</td>
<td>200 lbs (91 kg)</td>
</tr>
</tbody>
</table>
### Step 3

<table>
<thead>
<tr>
<th>Permissible load (maximum gross vehicle weight rating from the Tire and Loading Information placard minus the gross weight of all occupants)</th>
<th>Example 1</th>
<th>Example 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500 lbs (680 kg) - 750 lbs (340 kg) = 750 lbs (340 kg)</td>
<td></td>
<td>1500 lbs (680 kg) - 200 lbs (91 kg) = 1300 lbs (589 kg)</td>
</tr>
</tbody>
</table>
Tire labeling
Overview of tire labeling

1. Uniform Tire Quality Grading Standard (→ page 366)
2. DOT, Tire Identification Number (→ page 367)
3. Maximum tire load (→ page 368)
4. Maximum tire pressure (→ page 369)
5. Manufacturer
6. Characteristics of the tire (→ page 369)
7. Tire size designation, load-bearing capacity, speed rating and load index (→ page 369)
8. Tire name

The data shown in the image is example data.

Tire Quality Grading

In accordance with the US Department of Transportation's "Uniform Tire Quality Grading Standards", tire manufacturers are required to grade their tires on the basis of the following three performance factors:

1. Tread wear grade
2. Traction grade
3. Temperature grade

The data shown in the image is example data.

The classification is not legally stipulated for Canada, but it is generally stated.

Tread wear grade
The tread wear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified test track of the US Department of Transportation. For example, a tire graded 150 would wear one
and one-half times as well on the government test track as a tire graded 100.

The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate conditions.

**Traction grade**

<table>
<thead>
<tr>
<th>DANGER Risk of accident due to inadequate traction</th>
</tr>
</thead>
<tbody>
<tr>
<td>The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include either acceleration, cornering, hydroplaning or peak traction characteristics.</td>
</tr>
<tr>
<td>▶ Always adapt your driving style and drive at a speed to suit the prevailing traffic and weather conditions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOTE Damage to the drivetrain from wheelspin</th>
</tr>
</thead>
<tbody>
<tr>
<td>▶ Avoid wheelspin.</td>
</tr>
</tbody>
</table>

The traction grades – from highest to lowest – are AA, A, B and C. Those grades represent the tire’s ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces made of asphalt and concrete.

**Temperature grade**

<table>
<thead>
<tr>
<th>WARNING Risk of accident from tire overheating and tire failure</th>
</tr>
</thead>
<tbody>
<tr>
<td>The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause excessive heat build-up and possible tire failure.</td>
</tr>
<tr>
<td>▶ Observe the recommended tire pressures and regularly check the tire pressure of all tires including the spare wheel.</td>
</tr>
<tr>
<td>▶ Adjust the tire pressure as necessary.</td>
</tr>
</tbody>
</table>

The temperature grades are A (the highest), B and C. They represent the tire’s resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. Grade C corresponds to a level of performance which all passenger car tires must meet under the requirements of the US Department of Transportation.

**DOT, Tire Identification Number (TIN)**

US tire regulations stipulate that every tire manufacturer or retreader must imprint a TIN in or on the side wall of each tire produced.
The data shown in the image is example data.
The TIN is a unique identification number to identify tires and comprises the following:

- **DOT (Department of Transportation):** tire symbol marks indicating that the tire complies with the requirements of the US Department of Transportation.
- **Manufacturer identification code:** manufacturer identification code contains details of the tire manufacturer. New tires have a code with two symbols. Retreaded tires have a code with four symbols. Further information on retreaded tires (→ page 374).
- **Tire size:** identifier describes the tire size.
- **Tire type code:** tire type code can be used by the manufacturer as a code to describe specific characteristics of the tire.
- **Manufacturing date:** manufacturing date provides information about the age of a tire. The 1st and 2nd positions represent the calendar week and the 3rd and 4th positions state the year of manufacture (e.g. "3208" represents the 32nd week of 2008).

### Information on the maximum tire load

Maximum tire load is the maximum permissible weight for which the tire is approved. Do not overload the tires by exceeding the specified load limit. The maximum permissible load can be found on the vehicle’s Tire and Loading Information placard on the B-pillar on the driver’s side (→ page 361).

### Specifications for maximum tire pressure

The data shown in the image is example data.
Never exceed maximum tire pressure specified for the tire.

**Information on tire characteristics**

The data shown in the image is example data.

This information describes the type of tire cord and the number of layers in side wall and under tire tread.

**Tire size designation, load-bearing capacity, speed rating and load index**

<table>
<thead>
<tr>
<th></th>
<th>Preceding letter</th>
<th>Nominal tire width in millimeters</th>
<th>Aspect ratio in %</th>
<th>Tire code</th>
<th>Rim diameter</th>
<th>Load-bearing index</th>
<th>Speed rating</th>
<th>Load index</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WARNING** Risk of injury through exceeding the specified tire load rating or the permissible speed rating

Exceeding the specified tire load rating or the permissible speed rating may lead to tire damage and to the tires bursting.

- Therefore, only use tire types and sizes approved for your vehicle model.
- Observe the tire load rating and speed rating required for your vehicle.

The data shown in the image is example data.

Information about reading tire data can be obtained from any qualified specialist workshop.
**Preceding letter**

- Without: passenger vehicle tires according to European manufacturing standards.
- "P": passenger vehicle tires according to US manufacturing standards.
- "LT": light truck tires according to US manufacturing standards.
- "T": compact emergency spare wheels with high tire pressure that are only designed for temporary use in an emergency.

**Aspect ratio**

Ratio between tire height and tire width in percent (tire height divided by tire width).

**Tire code**

- "R": radial tire
- "D": bias ply tire
- "B": bias belted tires
- "ZR": radial tire with a maximum speed above 149 mph (240 km/h) (optional)

**Rim diameter**

The diameter of the bead seat (not the diameter of the rim flange). The rim diameter is specified in inches (in).

**Load-bearing index**

Numerical code that specifies the maximum load-bearing capacity of a tire (e.g. "91" corresponds to 1356 lbs (615 kg)). The load-bearing capacity of the tire must be at least half the permissible axle load of your vehicle. Do not overload the tires by exceeding the specified load limit.

See also:

- Maximum permissible load on the Tire and Loading Information placard (→ page 361)
- Maximum tire load (→ page 368)
- Load index

**Speed rating**

Specifies the approved maximum speed of the tire.

An electronic speed limiter prevents your vehicle from exceeding a speed of 130 mph (210 km/h).

Make sure that your tires have the required speed rating. You can obtain information on the required speed rating from an authorized Mercedes-Benz Center.

### Summer tires

<table>
<thead>
<tr>
<th>Index</th>
<th>Speed rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q</td>
<td>up to 100 mph (160 km/h)</td>
</tr>
<tr>
<td>R</td>
<td>up to 106 mph (170 km/h)</td>
</tr>
<tr>
<td>S</td>
<td>up to 112 mph (180 km/h)</td>
</tr>
<tr>
<td>T</td>
<td>up to 118 mph (190 km/h)</td>
</tr>
<tr>
<td>H</td>
<td>up to 130 mph (210 km/h)</td>
</tr>
<tr>
<td>V</td>
<td>up to 149 mph (240 km/h)</td>
</tr>
<tr>
<td>W</td>
<td>up to 168 mph (270 km/h)</td>
</tr>
<tr>
<td>Y</td>
<td>up to 186 mph (300 km/h)</td>
</tr>
</tbody>
</table>
Index Speed rating
ZR...Y¹ up to 186 mph (300 km/h)
ZR...(Y)¹ over 186 mph (300 km/h)
ZR¹ over 149 mph (240 km/h)

- Specifying the speed rating as the "ZR" index in tire code ¹ is optional for tires up to 186 mph (300 km/h).
- If your tire code ¹ includes "ZR" and there is no speed rating ⁷, find out what the maximum speed is from the tire manufacturer.
- If load-bearing index ⁸ and speed rating ⁷ are in brackets, the maximum speed rating of your tire is above 186 mph (300 km/h). To find out the maximum speed, ask the tire manufacturer.

All-weather tires and winter tires

<table>
<thead>
<tr>
<th>Index</th>
<th>Speed rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q M+S²</td>
<td>up to 100 mph (160 km/h)</td>
</tr>
<tr>
<td>T M+S²</td>
<td>up to 118 mph (190 km/h)</td>
</tr>
<tr>
<td>H M+S²</td>
<td>up to 130 mph (210 km/h)</td>
</tr>
<tr>
<td>V M+S²</td>
<td>up to 149 mph (240 km/h)</td>
</tr>
</tbody>
</table>

Winter tires bear the snowflake symbol and fulfill the requirements of the Rubber Manufacturers Association (RMA) and the Rubber Association of Canada (RAC) regarding the tire traction on snow.

Load index ³:
- No specification given: standard load (SL) tire
- "XL" or "Extra Load": extra load tire or reinforced tire
- "Light Load": light load tire

- "C", "D", "E": a load range that depends on the maximum load that the tire can carry at a certain pressure

Definition of terms for tires and loading

Tire structure and characteristics: describes the number of layers or the number of rubber-coated belts in the tire contact surface and the tire wall. These are made of steel, nylon, polyester and other materials.

Bar: metric unit for tire pressure. 14.5038 pounds per square inch (psi) and 100 kilopascal (kPa) is the equivalent of one bar.

DOT (Department of Transportation): DOT-marked tires fulfill the requirements of the US Department of Transportation.

Average weight of the vehicle occupants: the number of vehicle occupants for which the vehicle is designed, multiplied by 150 lb (68 kg).

¹ "ZR" stated in the tire code.
² Or "M+S " for winter tires
Uniform Tire Quality Grading Standards: a uniform standard to grade the quality of tires with regard to tread quality, tire traction and temperature characteristics. The quality grading assessment is made by the manufacturer following specifications from the U.S. government. The quality grade of a tire is imprinted on the side wall of the tire.

Recommended tire pressure: the recommended tire pressure is the tire pressure specified for the tires mounted to the vehicle at the factory.

The tire and information table contains the recommended tire pressures for cold tires, the maximum permissible load and the maximum permissible vehicle speed.

The tire pressure table contains the recommended tire pressures for cold tires under various operating conditions, i.e. loading and/or speed of the vehicle.

Increased vehicle weight due to optional equipment: the combined weight of all standard and optional equipment available for the vehicle, regardless of whether it is actually installed on the vehicle or not.

Rim: the part of the wheel on which the tire is installed.

GAWR (Gross Axle Weight Rating): the GAWR is the maximum permissible axle load. The actual load on an axle must never exceed the gross axle weight rating. The gross axle weight rating can be found on the vehicle identification plate on the B-pillar on the driver's side.

Speed rating: the speed rating is part of the tire identification. It specifies the speed range for which a tire is approved.

GVW (Gross Vehicle Weight): the gross vehicle weight comprises the weight of the vehicle including fuel, tools, the spare wheel, accessories installed, occupants, luggage and the trailer drawbar noseweight, if applicable. The gross vehicle weight must not exceed the gross vehicle weight rating GVWR as specified on the vehicle identification plate on the B-pillar on the driver's side.

GVWR (Gross Vehicle Weight Rating): the GVWR is the maximum permitted gross weight of the fully laden vehicle (weight of the vehicle including all accessories, occupants, fuel, luggage and the trailer drawbar noseweight if applicable). The gross vehicle weight rating is specified on the vehicle identification plate on the B-pillar on the driver's side.

Maximum weight of the laden vehicle: the maximum weight is the sum of the curb weight of the vehicle, the weight of the accessories, the maximum load and the weight of optional equipment installed at the factory.

Kilopascal (kPa): metric unit for tire pressure. 6.9 kPa corresponds to 1 psi. Another unit for tire pressure is bar. 100 kilopascal (kPa) equals 1 bar.

Load index: in addition to the load-bearing index, the load index may also be imprinted on the side wall of the tire. This specifies the load-bearing capacity of the tire more precisely.

Curb weight: the weight of a vehicle with standard equipment including the maximum capacity of fuel, oil and coolant. It also includes the air conditioning system and optional equipment if
these are installed on the vehicle, but does not include passengers or luggage.

**Maximum tire load:** the maximum tire load is the maximum permissible weight in kilograms or lbs for which a tire is approved.

**Maximum permissible tire pressure:** maximum permissible tire pressure for one tire.

**Maximum load on one tire:** maximum load on one tire. This is calculated by dividing the maximum axle load of one axle by two.

**PSI (pounds per square inch):** standard unit of measurement for tire pressure.

**Aspect ratio:** ratio between tire height and tire width in percent.

**Tire pressure:** pressure inside the tire applying an outward force to every square inch of the tire. The tire pressure is specified in pounds per square inch (psi), in kilopascals (kPa) or in bar. The tire pressure should only be corrected when the tires are cold.

**Cold tire pressure:** the tires are cold when the vehicle has been parked for at least 3 hours without direct sunlight on the tires or the vehicle has been driven for less than 1 mile (1.6 km).

**Tire contact surface:** the part of the tire that comes into contact with the road.

**Tire bead:** the purpose of the tire bead is to ensure that the tire sits securely on the wheel rim. There are several wire cores in the tire bead to prevent the tire from changing length on the wheel rim.

**Side wall:** the part of the tire between the tread and the tire bead.

**Weight of optional equipment:** the combined weight of the optional equipment weighing more than the replaced standard parts and more than 5 lbs (2.3 kg). This optional equipment, such as high-performance brakes, level control system, a roof luggage rack or high-performance batteries, is not included in the curb weight and the weight of the accessories.

**TIN (Tire Identification Number):** a unique identification number which can be used by a tire manufacturer to identify tires, for example, in a product recall, and thus identify the purchasers. The TIN is made up of the manufacturer’s identity code, tire size, tire type code and the manufacturing date.

**Load-bearing index:** the load-bearing index is a code that contains the maximum load-bearing capacity of a tire.

**Traction:** traction is the grip resulting from friction between the tires and the road surface.

**Wear indicator:** narrow bars (tread wear bars) that are distributed over the tire contact surface. If the tire tread is level with the bars, the wear limit of 1/16 in (1.6 mm) has been reached.

**Distribution of vehicle occupants:** distribution of vehicle occupants over designated seat positions in a vehicle.

**Maximum permissible payload weight:** nominal load and luggage load plus 150 lb (68 kg) multiplied by the number of seats in the vehicle.
Changing a wheel

Notes on selecting, installing and replacing tires

Mercedes-AMG vehicles: observe the notes in the Supplement. Otherwise, you may not recognize dangers.

You can ask for information regarding permitted wheel/tire combinations at an authorized Mercedes-Benz Center.

**WARNING** Risk of accident due to incorrect dimensions of wheels and tires

If wheels and tires of the wrong size are installed, the wheel brakes or wheel suspension components may be damaged.

- Always replace wheels and tires with those that fulfill the specifications of the original part.

When replacing wheels, make sure to fit the correct:
- Designation

When replacing tires, make sure to install the correct:
- Designation
- Manufacturer
- Model

**WARNING** Risk of injury through exceeding the specified tire load rating or the permissible speed rating

Exceeding the specified tire load rating or the permissible speed rating may lead to tire damage and to the tires bursting.

Therefore, only use tire types and sizes approved for your vehicle model.

Observe the tire load rating and speed rating required for your vehicle.

**NOTE** Damage to vehicle and tires due to non-approved tire types and sizes

For safety reasons, only use wheels, tires and accessories which have been approved for your vehicle by Mercedes-Benz. These tires have been specially adapted for use with the control systems, e.g. ABS or ESP®, and are marked as follows:

- MO = Mercedes-Benz Original
- MOE = Mercedes-Benz Original Extended (run-flat tires only for certain wheels)
- MO1 = Mercedes-Benz Original (only certain AMG tires)

Certain characteristics, e.g. handling, vehicle noise emissions or fuel consumption, may otherwise be adversely affected. In addition, when driving with a load, tire dimension variations could cause the tires to come into contact with the body and axle components. This could result in damage to the tires or the vehicle.
Only use tires, wheels or accessories tested and approved by Mercedes-Benz.

**NOTE** Risk to driving safety from retreaded tires

Retreaded tires are neither tested nor recommended by Mercedes-Benz, since previous damage cannot always be detected on retreaded tires. For this reason driving safety cannot be guaranteed.

- Do not use used tires if you have no information about their previous usage.

**NOTE** Possible damage to wheels or tires when driving over obstacles

Large wheels have a lower tire section width. The lower the tire section width, the greater is the risk of damage to wheels or tires when driving over obstacles.

- Avoid obstacles or drive particularly carefully.

**NOTE** Damage to electronic component parts from the use of tire-mounting tools

**Vehicles with a tire pressure monitoring system:** Electronic component parts are located in the wheel. Tire-mounting tools should not be used in the area of the valve. This could otherwise damage the electronic component parts.

- Have the tires changed at a qualified specialist workshop only.

**NOTE** Damage to summer tires at low ambient temperatures

Using summer tires at very low ambient temperatures can cause cracks to form, thereby damaging the tires permanently.

- At temperatures below 45 °F (7 °C) use M+S tires.

Accessory parts that are not approved for your vehicle by Mercedes-Benz or are not being used correctly can impair the operating safety.

Before purchasing and using non-approved accessories, visit a qualified specialist workshop and enquire about:

- Suitability
- Legal stipulations
- Factory recommendations

**WARNING** Risk of accident with high performance tires

The special tire tread in combination with the optimized tire compound means that the risk of skidding or hydroplaning on wet roads is increased.

In addition, the tire grip is greatly reduced at a low outside temperature and tire running temperature.

- Switch on the ESP® and adapt your driving style accordingly.
- Use M+S tire at outside temperatures of less than 10 °C (50 °F).
Observe the following when selecting, installing and replacing tires:

- Only use tires and wheels of the same type (summer tires, winter tires, MOExtended tires) and the same make.
- Only install wheels of the same size on one axle (left and right).
  It is only permissible to install a different wheel size in the event of a flat tire in order to drive to the specialist workshop.
- Only install tires of the correct size onto the wheels.

**Vehicles with a tire pressure monitoring system:** all mounted wheels must be equipped with functioning sensors for the tire pressure monitoring system.

- At temperatures below 45 °F (7 °C), use winter tires or all-season tires marked M+S for all wheels.
  Winter tires bearing the snowflake symbol in addition to the M+S marking provide the best possible grip in wintry road conditions.

- For M+S tires, only use tires with the same tread.
- Observe the maximum permissible speed for the M+S tires installed.
  If this is below the vehicle's maximum speed, this must be indicated in an appropriate label in the driver's field of vision.
- Run in new tires at moderate speeds for the first 60 miles (100 km).
- Replace the tires after six years at the latest, regardless of wear.

**When replacing with tires that do not feature run-flat characteristics:** vehicles with MOExtended tires are not equipped with a TIREFIT kit at the factory. Equip the vehicle with a TIREFIT kit after replacing with tires that do not feature run-flat characteristics, e.g. winter tires.

For more information on wheels and tires, contact a qualified specialist workshop.

Be sure to also observe the following further related subjects:

- Notes on tire pressure (→ page 356)
- Tire and Loading Information placard (→ page 361)
- Tire size designation, load-bearing capacity, speed rating and load index (→ page 369)
- Tire pressure table (→ page 357)

**Notes on rotating wheels**

⚠️ **WARNING** Risk of injury through different wheel sizes

Interchanging the front and rear wheels if the wheels or tires have different dimensions may severely impair the driving characteristics.

The wheel brakes or wheel suspension components may also be damaged.

Rotate front and rear wheels only if the wheels and tires are of the same dimensions.
The wear patterns on the front and rear wheels differ:
- Front wheels wear more on the shoulder of the tire
- Rear wheels wear more in the center of the tire

On vehicles that have the same size front and rear wheels, rotate the wheels according to the intervals in the tire manufacturer's warranty book in your vehicle documents. If this is not available, rotate the tires every 3,000 to 6,000 miles (5,000 to 10,000 km), depending on the wear. Ensure that the direction of rotation is maintained.

It is imperative to observe the instructions and safety notes on "Wheel change" when doing so.

Notes on storing wheels
- After removing wheels, store them in a cool, dry and preferably dark place.
- Protect the tires from contact with oil, grease or fuel.

Overview of the tire-change tool kit
Apart from certain country-specific variations, the vehicles are not equipped with a tire-change tool kit. For more information on which tire-changing tool kit are required and approved for performing a wheel change on your vehicle, consult a qualified specialist workshop.

Required tire-change tool kit may include, for example:
- Jack
- Wheel chock
- Wheel wrench
- Centering pin

The tire-change tool kit is located under the trunk floor.

Notes on storing wheels
- After removing wheels, store them in a cool, dry and preferably dark place.
- Protect the tires from contact with oil, grease or fuel.
Setting up the folding wheel chock

Preparing the vehicle for a wheel change

Requirements
- The required tire-change tool kit is available.
- If your vehicle is not equipped with the tire-change tool kit, consult a qualified specialist workshop to find out about suitable tools.
- The vehicle is not on a slope.
- The vehicle is on solid, non-slippery and level ground.
- Apply the electric parking brake manually.
- Move the front wheels to the straight-ahead position.
- **Vehicles with automatic transmission:** shift into position P.
- **Vehicles with AIR BODY CONTROL:** set the normal vehicle level (→ page 178).
- Switch off the engine.
- Make sure that the engine cannot be started.
- Place chocks or other suitable items under the front and rear of the wheel that is diagonally opposite the wheel you wish to change.
- Remove the hub caps if necessary (→ page 378).
- Raising the vehicle (→ page 379).

Removing and installing hub caps

Requirement:
- The vehicle is prepared for a wheel change (→ page 378).

Plastic hub cap
- **To remove:** turn the center cover of the hub cap anti-clockwise and remove the hub cap.
- **To install:** make sure that the center cover of the hub cap is turned anti-clockwise.
- Position the hub cap and turn the center cover clockwise until the hub cap engages physically and audibly.

Preventing the vehicle from rolling
- If your vehicle is not equipped with the tire-change tool kit, consult a qualified specialist workshop to find out about suitable tools.
- Using a wedge such as a tire chock.
Aluminum hub cap

To remove: position socket 2 on hub cap 1.

The socket can be found in the tire-change tool kit.

Position wheel spanner 3 on socket 2.

Using wheel spanner 3, turn hub cap 1 counter-clockwise and remove it.

To install: position hub cap 1 and turn until it is completely flush with the wheel.

Position socket 2 on hub cap 1.

Attach wheel spanner 3 to socket 2 and tighten the hub cap clockwise. **Specified tightening torque:** 18 lb-ft (25 Nm).

Raise the vehicle (→ page 379).

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 378).
- The hub caps have been removed (→ page 378).

Important notes on using the jack:
- only use the vehicle-specific jack that has been tested and 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, 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.
- Do not lie under the vehicle.
- Do not start the engine and do not release the electric parking brake.
- Do not open or close any doors or the trunk lid.
Using the wheel wrench, loosen the wheel bolts on the wheel you wish to change by about one full turn. Do not unscrew the bolts completely.

Position of jack support points

**WARNING** Risk of injury from incorrect positioning of the jack

If you do not position the jack correctly at the appropriate jacking point of the vehicle, the jack could tip with the vehicle raised.

- Only position the jack at the appropriate jacking point of the vehicle. The base of the jack must be positioned vertically under the jacking point of the vehicle.

**NOTE** Vehicle damage from the jack

If you do not position the jack correctly at the appropriate jack support point of the vehicle, the jack could tip over with the vehicle raised.

- The jack is designed exclusively for jacking up the vehicle at the jack support points.

Take the ratchet ring spanner out of the tire-change tool kit and place it on the hexagon nut of the jack so that the lettering "AUF" is visible.
Removing a wheel

Requirement:
- The vehicle is raised (→ page 379).

When changing a wheel, avoid applying any force to the brake discs, since this could impair the level of comfort when braking.

**NOTE** Damage to threading from dirt on wheel bolts
- Do not place wheel bolts in sand or on a dirty surface.
- Unscrew the uppermost wheel bolt completely.

Installing a new wheel

Requirement:
- The wheel is removed (→ page 381).
**WARNING** Risk of accident from losing a wheel

Oiled, greased or damaged wheel bolt/wheel nut threads or wheel hub/wheel mounting bolt threads can cause the wheel bolts/wheel nuts to come loose.

As a result, you could lose a wheel while driving.

- Never oil or grease the threads.
- In the event of damage to the threads, contact a qualified specialist workshop immediately.
- Have the damaged wheel bolts or damaged hub threads replaced.
- Do not continue driving.

Observe the information on the choice of tires (→ page 374).

For tires with a specified direction of rotation, an arrow on the side wall of the tire indicates the correct direction of rotation. Observe the direction of rotation when installing.

> Slide the wheel to be mounted onto the centering pin and push it on.

**WARNING** Risk of injury from tightening wheel bolts and nuts

If you tighten the wheel bolts or wheel nuts when the vehicle is raised, the jack could tip.

- Only tighten wheel bolts or wheel nuts when the vehicle is on the ground.

> For safety reasons, only use wheel bolts which have been approved by Mercedes-Benz and for the wheel in question.

> Press the wheel firmly against the wheel hub when screwing on the first wheel bolt.

> Press the wheel firmly against the wheel hub when screwing on the first wheel bolt.

Tighten the wheel bolts until they are finger-tight.

Unscrew the centering pin.

Tighten the last wheel bolt until it is finger-tight.

Lower the vehicle (→ page 382).

**Lowering the vehicle after a wheel change**

**Requirements:**
- The new wheel has been installed (→ page 381).
- Place the ratchet ring spanner onto the hexagon nut of the jack so that the lettering "AB" is visible.
- To lower the vehicle: turn the ratchet ring spanner of the jack anti-clockwise.
Tighten the wheel bolts evenly in a diagonal pattern in the order indicated (1 to 5).

**Specified tightening torque:** 111 lb-ft (150 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 tightening torque.

- Have the tightening torque checked immediately at a qualified specialist workshop after changing a wheel.

- Check the tire pressure of the newly mounted wheel and adjust accordingly.

**Vehicles with a tire pressure monitoring system:** Restart the tire pressure monitoring system (→ page 361).

Make sure to observe the following further related subject:

- Notes on tire pressure (→ page 356)
Notes on technical data

Mercedes-AMG vehicles: be sure to observe the notes in the Supplement. Otherwise, you may not recognize dangers.

The data stated only applies to vehicles with standard equipment. You can obtain further information from an authorized Mercedes-Benz Center.

Vehicle electronics

Two-way radios

Notes on installing two-way radios

⚠️ WARNING Risk of accident due to improper work on two-way radios

The electromagnetic radiation from two-way radios can interfere with the on-board electronics if RF transmitters are manipulated or retrofitted incorrectly.

This could jeopardize 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 from incorrect operation of two-way radios

If you operate two-way radios incorrectly in the vehicle, the electromagnetic radiation could interfere with the on-board electronics, e.g.:

- if the two-way radio is not connected to an exterior antenna
- if the exterior antenna is not correctly mounted or is not of low reflection

This could jeopardize the operating safety of the vehicle.

➤ Have the low-reflection exterior antenna installed at a qualified specialist workshop.

➤ When operating two-way radios in the vehicle, always connect them to the low-reflection exterior antenna.

⚠️ 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 antenna positions.
On the rear wings, it is recommended that you install the antenna on the side of the vehicle closest to the center of the road.

Use Technical Specification ISO/TS 21609 (Road Vehicles - "EMCs for installation of aftermarket radio frequency transmitting equipment") when installing two-way radios. Comply with the legal requirements for detachable parts.

If your vehicle has installations for two-way radio equipment, use the power supply or antenna connectors intended for use with the basic wiring. Be sure to observe the manufacturer’s Supplements when installing.

**Two-way radio transmission output**
The maximum transmission output (PEAK) at the base of the antenna must not exceed the values in the following table:

<table>
<thead>
<tr>
<th>Frequency band</th>
<th>Maximum transmission output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short wave 3 - 54 MHz</td>
<td>100 W</td>
</tr>
<tr>
<td>4 m frequency band 74 - 88 MHz</td>
<td>30 W</td>
</tr>
<tr>
<td>2 m frequency band 144 - 174 MHz</td>
<td>50 W</td>
</tr>
<tr>
<td>Trunked radio system/Tetra 380 - 460 MHz</td>
<td>10 W</td>
</tr>
<tr>
<td>70 cm frequency band 420 - 450 MHz</td>
<td>35 W</td>
</tr>
<tr>
<td>Two-way radio (2G/3G/4G)</td>
<td>10 W</td>
</tr>
</tbody>
</table>

On vehicles with a panoramic sliding sunroof, installing an antenna to the front or rear roof area is not permitted.
The following 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 - 410 MHz frequency band and a maximum transmission output of up to 2 W (trunked radio system/Tetra)
- mobile phones (2G/3G/4G)

There are no restrictions when positioning the antenna on the outside of the vehicle for the following frequency bands:

- Trunked radio system/Tetra
- 70 cm frequency band
- 2G/3G/4G

Vehicle identification plate, VIN and engine number

Vehicle identification plate

Vehicle identification plate (USA only)

1. Permissible gross mass
2. Permissible front axle load
3. Permissible rear axle load
4. Paint code
5. VIN (vehicle identification number)
Vehicle identification plate (Canada only)

1. Permissible gross mass
2. Permissible front axle load
3. Permissible rear axle load
4. Paint code
5. VIN (vehicle identification number)

The maximum permissible gross vehicle weight is made up of the vehicle weight, all vehicle occupants, the fuel and the load. The maximum permissible axle load is the maximum weight that can be carried on one axle (front or rear axle).

Never exceed the maximum gross vehicle weight or the maximum permissible axle load for the front or rear axle.

VIN in front of the right-hand front seat

1. VIN (vehicle identification number)
2. Floor covering

Additional plates

1. Plate with information about emissions testing, including confirmation of emissions guidelines at the U.S. federal level as well as for California
2. Engine number (stamped into the crankcase)
3. VIN (vehicle identification number)
Operating fluids

Notes on operating fluids

Mercedes-AMG vehicles: be sure to observe the notes in the Supplement. Otherwise, you may not recognize dangers.

⚠️ WARNING Risk of injury from operating fluids harmful to your health

Operating fluids may be poisonous and harmful to your health.

- Observe the text on the original containers when using, storing or disposing of operating fluids.
- Always store operating fluids sealed in their original containers.
- Always keep children away from operating fluids.

☐ ENVIRONMENTAL NOTE Environmental pollution caused by environmentally irresponsible disposal

Dispose of operating fluids in an environmentally responsible manner.

Operating fluids include the following:
- Fuels
- Lubricants
- Coolant
- Brake fluid
- Windshield washer fluid
- Climate control system refrigerant

Only use products approved by Mercedes-Benz. Damage caused by the use of products on the vehicle that have not been approved is not covered by the Mercedes-Benz warranty or goodwill gestures.

You can identify operating fluids approved by Mercedes-Benz by the following inscription on the containers:
- MB-Freigabe (e.g. MB-Freigabe 229.51)

- MB-Approval (e.g. MB-Approval 229.51)

Further information on approved operating fluids:
- in the Mercedes-Benz Specifications for Operating Fluids at http://bevo.mercedes-benz.com (by entering the designation)
- in the Mercedes-Benz Specifications for Operating Fluids in the Mercedes-Benz BeVo app (by entering the designation)
- at a qualified specialist workshop

⚠️ WARNING Risk of fire and explosion caused by fuel

Fuels are highly inflammable.

- You must avoid fire, open flames, creating sparks and smoking.
- Before refueling, switch off the engine and, if installed in your vehicle, the stationary heater.
**WARNING** Risk of injury from fuel

Fuels are poisonous and harmful to your health
- Do not swallow fuel or let it come into contact with skin, eyes or clothing.
- Do not inhale fuel vapors.
- Keep children away from fuel.

If you or other people come into contact with fuel, observe the following:
- Immediately rinse fuel off your skin with soap and water.
- If fuel comes into contact with your eyes, immediately rinse them thoroughly with clean water. Seek medical attention immediately.
- If you swallow fuel, seek medical attention immediately. Do not induce vomiting.
- Change immediately out of clothing that has come into contact with fuel.

---

**Fuel**

**Information on fuel grades for vehicles with a gasoline engine**

Observe the notes on operating fluids (→ page 388).

**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 with low-sulfur premium grade fuel.

This fuel may contain up to 10% ethanol. Your vehicle is suitable for use with E10 fuel.

Do not refuel using:
- Diesel
- E15, E85, E100
- Gasoline containing methanol (M15, M30, M85, M100)
- Gasoline with additives containing metal

If you accidentally refuel with the wrong fuel:
- Do not switch the ignition on.
- Consult a qualified specialist workshop.

If the available fuel is not sufficiently low in sulfur, this can produce unpleasant odors.

Only refuel with fuel that has at least the octane number specified in the instruction label in the fuel filler flap (→ page 147).

**If you want maximum engine output:** only refuel with unleaded premium grade gasoline with an octane number of at least 91 AKI/95 RON.

As a temporary measure, if the recommended fuel is not available, you may also refuel with unleaded regular gasoline with an octane number of at least 87 AKI/91 RON. This may reduce engine output and increase fuel consumption.

Never refuel using gasoline with a lower RON.
NOTE Premature wear caused by unleaded regular gasoline

Unleaded regular gasoline can cause the engine to wear more quickly and impair longevity and performance.

If unleaded premium grade gasoline is unavailable and you have to refuel using unleaded regular gasoline:
- Only fill the fuel tank to half full with unleaded regular gasoline and refill as soon as possible with unleaded premium grade gasoline.
- Do not drive at the maximum speed.
- Avoid sudden acceleration and engine speeds over 3,000 rpm.

Further information on fuel can be found:
- at a gas station
- at a qualified specialist workshop
- USA only: at http://www.mbusa.com

Information on additives in gasoline
Observe the notes on operating fluids (→ page 388).

NOTE Damage caused by non-approved 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.
The fuel grade available in some countries may not be sufficient. Residues could build up in the fuel injection system as a result. In this case, in consultation with an authorized Mercedes-Benz Center, the fuel may be mixed with the cleaning additive recommended by Mercedes-Benz. Be sure to observe the notes and mixing ratios specified on the container.

Tank content and fuel reserve
The total capacity of the fuel tank may vary, depending on the vehicle equipment.

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Model</th>
<th>Total capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>E 400 4MATIC</td>
<td>21.1 gal (80.0 l)</td>
</tr>
<tr>
<td></td>
<td>All other models</td>
<td>17.4 gal (66.0 l)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Of which reserve</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 400 4MATIC</td>
<td>3.2 gal (12.0 l)</td>
</tr>
<tr>
<td>All other models</td>
<td>1.8 gal (7.0 l)</td>
</tr>
</tbody>
</table>

Engine oil

Notes on engine oil
Observe the notes on operating fluids (→ page 388).
Engine damage caused by an incorrect oil filter, incorrect oil or additives

- Do not use engine oils or oil filters other than those which meet the specifications necessary for the prescribed service intervals.
- Do not alter the engine oil or oil filter in order to achieve longer change intervals than prescribed.
- Do not use additives.
- Have the engine oil changed after the prescribed intervals.

Mercedes-Benz recommends that you have the oil change carried out at a qualified specialist workshop.

Further information on engine oils and oil filters:
- In the Mercedes-Benz Specifications for Operating Fluids at http://bevo.mercedes-benz.com (by entering the designation)
- At a qualified specialist workshop

Quality and filling capacity of engine oil

MB-Freigabe or MB-Approval

<table>
<thead>
<tr>
<th>Gasoline engines</th>
<th>MB-Freigabe or MB-Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models</td>
<td>229.5, 229.6</td>
</tr>
</tbody>
</table>

The following values refer to an oil change, including the oil filter.

Replacement amount

<table>
<thead>
<tr>
<th>Model</th>
<th>Replacement amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 300</td>
<td>7.4 US qt (7.0 l)</td>
</tr>
<tr>
<td>All other models</td>
<td>6.9 US qt (6.5 l)</td>
</tr>
</tbody>
</table>

Notes on brake fluid

Observe the notes on operating fluids (→ page 388).

WARNING Risk of an accident due to vapor pockets forming in the brake system

The brake fluid constantly absorbs moisture from the air. This lowers the boiling point of the brake fluid. If the boiling point is too low, vapor pockets may form in the brake system when the brakes are applied hard. This causes the braking effect to be impaired.
- Have the brake fluid renewed at the specified intervals.

Have the brake fluid regularly changed at a qualified specialist workshop. Only use brake fluid approved by Mercedes-Benz according to MB-Freigabe or MB-Approval 331.0. Further information on brake fluid:
- In the Mercedes-Benz Specifications for Operating Fluids at http://bevo.mercedes-benz.com
- At a qualified specialist workshop

**Coolant**

**Notes on coolant**
Observe the notes on operating fluids (→ page 388).

**WARNING - Risk of fire and injury from antifreeze**
If antifreeze comes into contact with hot component parts in the engine compartment, it may ignite.

- Allow the engine to cool down before adding antifreeze.
- Make sure that no antifreeze spills out next to the filler opening.
- Thoroughly clean off any antifreeze from component parts before starting the vehicle.

**NOTE** Damage caused by incorrect coolant
- Only add coolant that has been pre-mixed with the required antifreeze protection.

Further information on coolant:
- In the Mercedes-Benz Specifications for Operating Fluids 310.1, e.g. online at http://bevo.mercedes-benz.com.
- At a qualified specialist workshop

**NOTE Overheating at high outside temperatures**
If an inappropriate coolant is used, the engine cooling system is not sufficiently protected against overheating and corrosion at high outside temperatures.
- Always use coolant approved by Mercedes-Benz.
- Observe the instructions in the Mercedes-Benz Specifications for Operating Fluids 310.1.

Have the coolant regularly replaced at a qualified specialist workshop.

The proportion of corrosion inhibitor/antifreeze concentrate in the engine cooling system should be:
- a minimum of 50% (antifreeze protection down to approximately -35 °F (-37 °C)).
- a maximum of 55% (antifreeze protection down to -49 °F (-45 °C)).
Coolant filling capacity

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models</td>
<td>12.7 US qt (12.0 l)</td>
</tr>
</tbody>
</table>

Notes on windshield washer fluid

Observe the notes on operating fluids (→ page 388).

WARNING - Risk of fire and injury from windshield washer concentrate

Windshield washer concentrate is highly flammable. It could ignite if it comes into contact with hot engine component parts or the exhaust system.

- Make sure that no windshield washer concentrate spills out next to the filler opening.

NOTE Damage to the exterior lighting due to unsuitable windshield washer fluid

Unsuitable windshield washer fluid may damage the plastic surface of the exterior lighting.

- Only use windshield washer fluid which is also suitable for use on plastic surfaces, e.g. MB SummerFit or MB WinterFit.

NOTE Blocked spray nozzles caused by mixing windshield washer fluids

Do not mix MB SummerFit and MB WinterFit with other windshield washer fluids.

For the correct mixing ratio refer to the information on the antifreeze container. Mix the washer fluid with the windshield washer fluid all year round.

Refrigerant

Notes on refrigerants

Observe the notes on operating fluids (→ page 388).

NOTE Damage due to incorrect refrigerant

If a non-approved refrigerant is used, the climate control system may be damaged.

- Only use the refrigerant R-134a.

NOTE Damage to the climate control system due to incorrect refrigerant compressor oil

- Only use refrigerant compressor oil that has been approved by Mercedes-Benz.
Do not mix the approved refrigerant compressor oil with a different refrigerant compressor oil.

Work on the climate control system may only be carried out by a qualified specialist workshop. All applicable regulations, as well as SAE standard J639, must be adhered to.

Warning symbols 1 advise you about:
- possible dangers
- having service work carried out at a qualified specialist workshop

**Refrigerant filling capacity**

**Filling capacity for refrigerant and PAG oil**

<table>
<thead>
<tr>
<th>Model</th>
<th>Refrigerant</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models</td>
<td>22.2 ± 0.4 oz</td>
</tr>
<tr>
<td></td>
<td>(630 ± 10 g)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>PAG oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models</td>
<td>2.8 ± 0.4 oz</td>
</tr>
<tr>
<td></td>
<td>(80 ± 10 g)</td>
</tr>
</tbody>
</table>

**Vehicle data**

**Vehicle dimensions**

The heights specified may vary as a result of the:
- Tires
- Load
- Condition of the suspension

- Optional equipment
### Height when opened

<table>
<thead>
<tr>
<th>Model</th>
<th>Height when opened</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 300</td>
<td>72.4 in (1840 mm)</td>
</tr>
<tr>
<td>All other models</td>
<td>72.7 in (1846 mm)</td>
</tr>
</tbody>
</table>

### Vehicle dimensions

<table>
<thead>
<tr>
<th>All models</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle length</td>
<td>193.8 in (4923 mm)</td>
</tr>
<tr>
<td>Vehicle width including out-side mirrors</td>
<td>81.3 in (2065 mm)</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>115.7 in (2939 mm)</td>
</tr>
</tbody>
</table>

### Model

<table>
<thead>
<tr>
<th>Model</th>
<th>Vehicle height</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 300</td>
<td>58.1 in (1475 mm)</td>
</tr>
<tr>
<td>All other models</td>
<td>58.3 in (1481 mm)</td>
</tr>
</tbody>
</table>

### Turning radius

<table>
<thead>
<tr>
<th>Model</th>
<th>Turning radius</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 300</td>
<td>38.1 ft (11.60 m)</td>
</tr>
<tr>
<td>All other models</td>
<td>39.0 ft (11.90 m)</td>
</tr>
</tbody>
</table>

### Roof load

<table>
<thead>
<tr>
<th>All models</th>
<th>Maximum roof load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>220 lb (100 kg)</td>
</tr>
</tbody>
</table>

### Weights and loads

Please note that for the specified vehicle data:
- Items of optional equipment increase the unladen weight and reduce the payload.
Display messages

Introduction

Notes on display messages
Display messages appear on the multifunction display.
Display messages with graphic symbols are simplified in the Operator's Manual and may differ from the symbols on the multifunction display. The multifunction display shows high-priority display messages in red. Certain display messages are accompanied by a warning tone. Please respond in accordance with the display messages and follow the additional notes in this Operator’s Manual.
For some display messages, a symbol is also shown:

- \(\square\) Hide display message
  You can select the desired symbol by swiping left or right on the left-hand Touch Control. Press the \(\square\) symbol to show further information on the multifunction display. Press the \(\square\) symbol to hide the display message.
  You can hide low-priority display messages by pressing the \(\square\) button or the left-hand Touch Control. The display messages are then stored in the message memory.
  Rectify the cause of a display message as quickly as possible.
  High-priority display messages cannot be hidden. The multifunction display shows these display messages continuously until the cause of the display message has been rectified.

- \(\square\) Further information

Calling up stored display messages
On-board computer:
- \(\rightarrow\) Service \(\rightarrow\) 1 Message
If there are no display messages, No Messages appears on the multifunction display.
- Scroll through the display messages by swiping upwards or downwards on the left-hand Touch Control.
- To exit the message memory: press the \(\square\) button.
Safety systems

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| ![ABS](ABS) ![Car](Car) | * ABS and ESP® are malfunctioning.  
Other driving and driving safety systems may also be malfunctioning.  
The brake system continues to operate normally. The braking distance in an emergency braking situation can increase. |
| ![Inoperative](Inoperative) | **WARNING** Risk of skidding if ABS and ESP® are malfunctioning  
If ABS and ESP® are malfunctioning, the wheels could lock when braking and ESP® cannot carry out vehicle stabilization.  
The steering capability and braking characteristics are thus severely impaired. The braking distance in an emergency braking situation can increase. In addition, other driving safety systems are switched off.  
- Drive on carefully.  
- Have ABS and ESP® checked immediately at a qualified specialist workshop. |
| ![Inoperative](Inoperative) |  
- Drive on carefully.  
- Consult a qualified specialist workshop immediately. |
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="ABS" alt="ABS symbol" /> <img src="Car" alt="Car symbol" /></td>
<td>* ABS and ESP® are temporarily unavailable. Other driving systems and driving safety systems may also be temporarily unavailable. The brake system continues to operate normally. The braking distance in an emergency braking situation can increase.</td>
</tr>
</tbody>
</table>

**WARNING** Risk of skidding if ABS and ESP® are malfunctioning

If ABS and ESP® are malfunctioning, the wheels could lock when braking and ESP® cannot carry out vehicle stabilization. The steering capability and braking characteristics are thus severely impaired. The braking distance in an emergency braking situation can increase. In addition, other driving safety systems are switched off.

- Drive on carefully.
- Have ABS and ESP® checked immediately at a qualified specialist workshop.

- Drive carefully on a suitable stretch of road, making slight steering movements at a speed above 19 mph (30 km/h).
- If the display message does not disappear, consult a qualified specialist workshop immediately. Drive carefully.
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Car icon]</td>
<td>* ESP® is temporarily unavailable. Other driving and driving safety systems may also be malfunctioning.</td>
</tr>
<tr>
<td>![Car icon] Currently Unavailable See Operator’s Manual</td>
<td>![Car icon] <strong>WARNING</strong> Risk of skidding if ESP® is malfunctioning</td>
</tr>
<tr>
<td>![Car icon]</td>
<td>If ESP® is malfunctioning, ESP® cannot carry out vehicle stabilization. In addition, other driving safety systems are switched off.</td>
</tr>
<tr>
<td>![Car icon]</td>
<td>▶ Drive on carefully.</td>
</tr>
<tr>
<td>![Car icon]</td>
<td>▶ Have ESP® checked at a qualified specialist workshop.</td>
</tr>
<tr>
<td>![Car icon]</td>
<td>▶ Carefully drive on a suitable stretch of road, making slight steering movements at a speed above 19 mph (30 km/h).</td>
</tr>
<tr>
<td>![Car icon]</td>
<td>▶ If the display message does not disappear, consult a qualified specialist workshop immediately. Drive carefully.</td>
</tr>
</tbody>
</table>
### 400  Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and ▶ Solutions</th>
</tr>
</thead>
</table>
| ![Inoperative See Operator's Manual](image) | * ESP® is malfunctioning.  
Other driving and driving safety systems may also be malfunctioning.  
The brake system continues to operate normally. The braking distance in an emergency braking situation can increase. |

⚠️ **WARNING** Risk of skidding if ESP® is malfunctioning

- If ESP® is malfunctioning, ESP® cannot carry out vehicle stabilization. In addition, other driving safety systems are switched off.  
  - Drive on carefully.  
  - Have ESP® checked at a qualified specialist workshop.  
- Drive on carefully.  
- Consult a qualified specialist workshop immediately.
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EBD</strong></td>
<td>* EBD, ABS and ESP® are malfunctioning. Other driving and driving safety systems may also be malfunctioning.</td>
</tr>
<tr>
<td><img src="ABS" alt="ABS" /></td>
<td><img src="Car" alt="Car" /></td>
</tr>
<tr>
<td><img src="Inoperative" alt="Inoperative" /></td>
<td><strong>WARNING</strong> Risk of skidding if EBD, ABS and ESP® are malfunctioning</td>
</tr>
<tr>
<td>If EBD, ABS and ESP® are malfunctioning, the wheels can lock when braking and ESP® cannot carry out vehicle stabilization. The steering capability and braking characteristics are thus severely impaired. The braking distance in an emergency braking situation can increase. In addition, other driving safety systems are switched off.</td>
<td></td>
</tr>
<tr>
<td>![Drive on carefully](Drive on carefully)</td>
<td>![Have the brake system checked immediately at a qualified specialist workshop](Have the brake system checked immediately at a qualified specialist workshop)</td>
</tr>
<tr>
<td>![Drive on carefully](Drive on carefully)</td>
<td>![Consult a qualified specialist workshop immediately](Consult a qualified specialist workshop immediately)</td>
</tr>
</tbody>
</table>

Inoperative See Operator's Manual
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| ![PARK](USA only) | * The red PARK (USA only) or P (Canada only) indicator lamp is lit. You have attempted to release the electric parking brake with the ignition switched off.  
  ▶ Switch on the ignition. |
| ![P](Canada only) | * The red PARK (USA only) or P (Canada only) indicator lamp flashes. The electric parking brake is applied while you are driving:  
  - A condition for automatic release of the electric parking brake is not fulfilled.  
  - You are performing emergency braking using the electric parking brake.  
  ▶ Check that the conditions for automatic release of the electric parking brake are fulfilled.  
  ▶ Release the electric parking brake manually. |

**Turn On the Ignition to Release the Parking Brake**

**Please Release Parking Brake**
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| **PARK**  
(USA only)  
Parking Brake See Operator’s Manual |  
* The yellow ![yellow indicator lamp](image) indicator lamp is lit. The electric parking brake is malfunctioning.  
**To apply:**  
- Switch off the ignition and turn it back on.  
- Apply the electric parking brake manually.  

If it is not possible to apply the electric parking brake:  
- Visit a qualified specialist workshop.  
- Where necessary, also safeguard the parked vehicle against rolling away.  

The yellow ![yellow indicator lamp](image) and the red ![red indicator lamp](image) (USA only) or ![red indicator lamp](image) (Canada only) indicator lamps are lit. The electric parking brake is malfunctioning.  
**To release:**  
- Switch off the ignition and turn it back on.  
- Release the electric parking brake manually.  

or  
- Release the electric parking brake automatically.  
If it is still not possible to release the electric parking brake:  
- Do not continue driving under any circumstances. Consult a qualified specialist workshop.  

The yellow ![yellow indicator lamp](image) indicator lamp is lit and the red ![red indicator lamp](image) (USA only) or ![red indicator lamp](image) (Canada only) indicator lamp is flashing. The electric parking brake is malfunctioning.  
The electric parking brake could not be applied or released.
### Display messages

<table>
<thead>
<tr>
<th>Possible causes/consequences and</th>
<th>Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>🚭 Switch off the ignition and turn it back on.</td>
<td></td>
</tr>
</tbody>
</table>

#### To apply:
- Release and then apply the electric parking brake manually.

#### To release:
- Apply and then release the electric parking brake manually.

If the electric parking brake cannot be applied or the red [PARK] (USA only) or [P] (Canada only) indicator lamp continues to flash:
- Do not continue driving under any circumstances. Consult a qualified specialist workshop.
- Where necessary, also safeguard the parked vehicle against rolling away.

The yellow ![yellow] indicator lamp is on and the red [PARK] indicator lamp (USA only) or ![green] (Canada only) 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 battery charge level is too low:**
- Charge the battery.

#### To apply:
- Switch the ignition off.
  - The electric parking brake is applied automatically.
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and <strong>Solutions</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>If the electric parking brake should not be applied, e.g. when washing the vehicle in an automatic car wash or when having the vehicle towed, leave the ignition switched on. Do not do this when having the vehicle towed with the rear axle raised.</td>
</tr>
<tr>
<td></td>
<td>If the electric parking brake is not applied automatically:</td>
</tr>
<tr>
<td></td>
<td>▶ Switch off the ignition and turn it back on.</td>
</tr>
<tr>
<td></td>
<td>▶ Release and then apply the electric parking brake manually.</td>
</tr>
<tr>
<td></td>
<td>If it is still not possible to apply the electric parking brake:</td>
</tr>
<tr>
<td></td>
<td>▶ Visit a qualified specialist workshop.</td>
</tr>
<tr>
<td></td>
<td>▶ Where necessary, also safeguard the parked vehicle against rolling away.</td>
</tr>
<tr>
<td></td>
<td><strong>To release:</strong></td>
</tr>
<tr>
<td></td>
<td>▶ If the conditions for automatic release are fulfilled and the electric parking brake is not released automatically, release the electric parking brake manually.</td>
</tr>
<tr>
<td></td>
<td>If it is still not possible to release the electric parking brake:</td>
</tr>
<tr>
<td></td>
<td>▶ Do not continue driving under any circumstances. Consult a qualified specialist workshop.</td>
</tr>
</tbody>
</table>
### Display messages

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and <strong>Solutions</strong></th>
</tr>
</thead>
</table>
| BRAKE (USA only) | * 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.  
➤ 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.  
Do not add brake fluid.  
➤ 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.  
Do not top up the brake fluid. |
| 🚗 (Canada only) | Check Brake Fluid Level  
* The brake pads have reached the wear limit.  
➤ Visit a qualified specialist workshop. |
| 📞 (USA only) | Inoperative  
* USA only: at least one of the mbrace system's main features is malfunctioning.  
➤ Visit a qualified specialist workshop. |
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| Radar Sensors Dirty See Operator's Manual | * The radar sensor system is malfunctioning. Possible causes are:  
  • soiling of the sensors  
  • heavy rain  
  • extended country driving without other traffic, e.g. in the desert  
  Driving systems and driving safety systems may be malfunctioning or temporarily unavailable. Once the cause of the problem is no longer present, driving systems and driving safety systems are available again. If the display message does not disappear:  
  ▶ Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.  
  ▶ Clean all sensors.  
  ▶ Restart the engine. |
Possible causes/consequences and Solutions

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radar Sensors Dirty See Operator’s Manual</td>
<td>* The radar sensor system is malfunctioning. Possible causes are:</td>
</tr>
<tr>
<td></td>
<td>• Soiling of the sensors</td>
</tr>
<tr>
<td></td>
<td>• Heavy rain</td>
</tr>
<tr>
<td></td>
<td>• Extended country driving without moving traffic, e.g. in the desert</td>
</tr>
<tr>
<td></td>
<td>Driving systems and driving safety systems may be malfunctioning or temporarily unavailable.</td>
</tr>
<tr>
<td></td>
<td>Once the cause of the problem is no longer present, driving systems and driving safety systems are available again. If the display message does not disappear:</td>
</tr>
<tr>
<td></td>
<td>▶ Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.</td>
</tr>
<tr>
<td></td>
<td>▶ Clean all sensors.</td>
</tr>
<tr>
<td></td>
<td>▶ Restart the engine.</td>
</tr>
</tbody>
</table>

<p>| Active Brake Assist Functions Currently Limited See Operator’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. |
|                                                                                | The ambient conditions are outside the system limitations.                                  |
|                                                                                | ▶ Drive on.                                                                                  |
|                                                                                | As soon as the ambient conditions are within the system limitations, the system will become available again. |
|                                                                                | ▶ If the display message does not disappear, stop the vehicle while paying attention to road and traffic conditions and restart the engine. |</p>
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| Active Brake Assist Functions Limited See Operator's Manual | * Vehicles with Driving Assistance Package: Active Brake Assist with cross-traffic function, Evasive Steering Assist or PRE-SAFE® PLUS is malfunctioning.  
**Vehicles without Driving Assistance Package:** Active Brake Assist is malfunctioning.  
➤ Visit a qualified specialist workshop. |
| PRE-SAFE Inoperative See Operator's Manual | * PRE-SAFE® functions are malfunctioning.  
➤ Visit a qualified specialist workshop. |
| PRE-SAFE Impulse Side Inoperative See Operator's Manual | * PRE-SAFE® Impulse Side is malfunctioning or inoperative after having already been triggered.  
➤ Visit a qualified specialist workshop. |
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| ![SRS Malfuction Service Required](image) | * The restraint system is defective.  

**WARNING** Risk of injury or fatal injury due to a malfunction in the restraint system

If the restraint system is malfunctioning, restraint system components may be triggered unintentionally or might not be triggered at all in the event of an accident. This may affect the Emergency Tensioning Device or airbag, for example.

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

Detection of a restraint system malfunction:
- the ![warning lamp](image) restraint system warning lamp does not light up when the ignition is switched on.
- the ![tether anchor](image) restraint system warning lamp lights up continuously or repeatedly during a journey.
- Consult a qualified specialist workshop immediately.
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and <img src="https://via.placeholder.com/15" alt="Solutions" /></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="https://via.placeholder.com/15" alt="Front Left Malfunction Service Required (Example)" /></td>
<td>* The corresponding restraint system is malfunctioning.</td>
</tr>
<tr>
<td></td>
<td><img src="https://via.placeholder.com/15" alt="WARNING" /> Risk of injury or fatal injury due to a malfunction in the restraint system</td>
</tr>
<tr>
<td></td>
<td>If the restraint system is malfunctioning, restraint system components may be triggered unintentionally or might not be triggered at all in the event of an accident. This may affect the Emergency Tensioning Device or airbag, for example.</td>
</tr>
<tr>
<td></td>
<td><img src="https://via.placeholder.com/15" alt="Have the restraint system checked and repaired immediately at a qualified specialist workshop." /></td>
</tr>
<tr>
<td></td>
<td>Detection of a restraint system malfunction:</td>
</tr>
<tr>
<td></td>
<td>• the <img src="https://via.placeholder.com/15" alt="restraint system warning lamp" /> does not light up when the ignition is switched on.</td>
</tr>
<tr>
<td></td>
<td>• the <img src="https://via.placeholder.com/15" alt="restraint system warning lamp" /> lights up continuously or repeatedly during a journey.</td>
</tr>
<tr>
<td></td>
<td><img src="https://via.placeholder.com/15" alt="Consult a qualified specialist workshop immediately." /></td>
</tr>
<tr>
<td><img src="https://via.placeholder.com/15" alt="Left Side Curtain Airbag Malfunction Service Required (Example)" /></td>
<td>* The corresponding window curtain air bag is malfunctioning.</td>
</tr>
<tr>
<td></td>
<td><img src="https://via.placeholder.com/15" alt="WARNING" /> Risk of injury or fatal injury due to malfunctions in the window airbag</td>
</tr>
<tr>
<td></td>
<td>If the window airbag is malfunctioning, it might be triggered unintentionally or might not be triggered at all in the event of an accident with high deceleration.</td>
</tr>
<tr>
<td></td>
<td><img src="https://via.placeholder.com/15" alt="Have the window airbag checked and repaired immediately at a qualified specialist workshop." /></td>
</tr>
<tr>
<td></td>
<td><img src="https://via.placeholder.com/15" alt="Consult a qualified specialist workshop immediately." /></td>
</tr>
</tbody>
</table>
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and  Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front Passenger Airbag Disabled See Operator’s Manual</td>
<td>* The front passenger air bag and the knee air bag are deactivated, even though an adult or a person with a build corresponding to that of an adult is seated on the front passenger seat. If additional forces are applied to the seat, the weight the system detects may be too low.</td>
</tr>
</tbody>
</table>

**WARNING Risk of injury or fatal injury due to a disabled front passenger airbag**

If the front passenger airbag is disabled, the front passenger airbag will not be deployed in the event of an accident and cannot perform its intended protective function.

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

- Make sure, both before and during the journey, that the status of the front passenger airbag is correct.

- Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.
- Check the status of the automatic front passenger air bag shutoff.
- If necessary, consult a qualified specialist workshop immediately.
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| Front Passenger Airbag Enabled See Operator’s Manual | * The front passenger air bag and knee air bags are enabled during the journey:  
  - 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 fatal injury when using a child restraint system while the front passenger air bag is enabled  
  If you secure a child in a child restraint system on the front passenger seat and the front passenger air bag is enabled, the front passenger air bag can deploy in the event of an accident.  
  The child could be struck by the air bag.  
  ▶ Ensure, both before and during the journey, that the status of the front passenger air bag is correct.  
  NEVER use a rearward facing child restraint on a seat protected by an ACTIVE FRONT AIR BAG; DEATH or SERIOUS INJURY to the CHILD can occur.  
  ▶ Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.  
  ▶ Check the status of the automatic front passenger air bag shutoff.  
  ▶ If necessary, consult a qualified specialist workshop immediately. |
## Driving systems

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and <strong>Solutions</strong></th>
</tr>
</thead>
</table>
| ![Coffee](coffee.png) ATTENTION ASSIST: Take a Break! | * ATTENTION ASSIST has detected fatigue or an increasing lack of concentration on the part of the driver (→ page 193).  
  ➤ If necessary, take a break.                                                                                                                                                                 |
| ![Coffee](coffee.png) ATTENTION ASSIST Inoperative | * ATTENTION ASSIST is malfunctioning.  
  ➤ Visit a qualified specialist workshop.                                                                                                                                                                                                 |
<p>| <img src="car.png" alt="Car" /> Vehicle Rising | * Your vehicle is adjusting to the level you have selected.                                                                                                                                                                                 |
| <img src="car.png" alt="Car" /> Lowering        | * Your vehicle is adjusting to the level you have selected.                                                                                                                                                                                 |</p>
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| Vehicle Rising Please Wait | * The vehicle level is too low. The vehicle will be raised to the selected vehicle level.  
                                  - Wait until the display message disappears before pulling away. |
| Stop Vehicle Vehicle Too Low | * You have pulled away despite the vehicle level being too low.  
                                  - Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.  
                                  The vehicle will be raised to the selected vehicle level.  
                                  - Wait until the display message disappears before pulling away.  
                                  If the display message does not disappear and a warning tone also sounds, AIR BODY CONTROL/DYNAMIC BODY CONTROL is malfunctioning:  
                                  - Do not drive faster than 50 mph (80 km/h) and consult a qualified specialist workshop immediately. |
|                          | **NOTE** The tires of the front axle or the front fenders could be damaged by large steering movements  
                                  - Avoid large steering movements while driving and listen for scraping sounds.  
                                  - If you hear scraping sounds, pull over and stop the vehicle safely, paying attention to road and traffic conditions, and set a higher vehicle level if possible.  
                                  - Set a higher vehicle level.  
                                  Depending on the malfunction, the vehicle is raised. |
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| Malfunction Drive at Max. 50 mph | * The AIR BODY CONTROL function is restricted. The vehicle's handling characteristics may be affected.  
  - Drive in a manner appropriate for the current level, but do not exceed 50 mph (80 km/h).  
  - Visit a qualified specialist workshop. |
| Active Lane Keeping Assist Currently Unavailable | * Active Lane Keeping Assist is temporarily unavailable.  
  The ambient conditions are outside the system limitations (→ page 199).  
**Vehicles with Active Steering Assist:** The camera view may be limited by the windshield.  
  - Drive on.  
  - As soon as the ambient conditions are within the system limitations, the system will become available again.  
  If the display message does not disappear on vehicles with Active Steering Assist:  
  - Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.  
  - Clean the windshield. |
| Active Lane Keeping Assist Inoperative | * Active Lane Keeping Assist is malfunctioning.  
  - Visit a qualified specialist workshop. |
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| Active Lane Keeping Assist Camera View Restricted See Operator's Manual        | * **Vehicles without Active Steering Assist:** the camera view is restricted.  
Possible causes are:  
- dirt on the windshield in the camera's field of vision  
- heavy rain, snow or fog  
Driving systems and driving safety systems may be malfunctioning or temporarily unavailable.  
Once the cause of the problem is no longer present, driving systems and driving safety systems are available again.  
If the display message does not disappear:  
  - Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.  
  - Clean the windshield.                                                                                                                                                                                                                                               |
| Blind Spot Assist Currently Unavailable See Operator’s Manual                  | * Blind Spot Assist is temporarily unavailable.  
The system limitations have been reached (→ page 197).  
  - Drive on.  
  - Once the cause of the problem is no longer present, the system will be available again.  
  or  
  - If the display message does not disappear, stop the vehicle while paying attention to road and traffic conditions and restart the engine.  
  - If necessary, clean the rear bumper. If the bumper is extremely dirty, the sensors in the bumper may be malfunctioning.                                                                                                                                                                                                 |
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| **Active Blind Spot Assist Currently Unavailable**    | * Active Blind Spot Assist is temporarily unavailable.  
The system limitations have been reached (→ page 197).  
- Drive on.  
- Once the cause of the problem is no longer present, the system will be available again.  
- If the display message does not disappear, stop the vehicle while paying attention to road and traffic conditions and restart the engine. |
| **Blind Spot Assist Not Available When Towing a Trailer** | * When you establish the electrical connection to the trailer, Blind Spot Assist is unavailable.  
- Press the left-hand side Touch Control and acknowledge the display message. |
| **Active Blind Spot Ass. Not Available When Towing a Trailer** | * When you establish the electrical connection to the trailer, Active Blind Spot Assist is unavailable.  
- Press the left-hand Touch Control and acknowledge the display message. |
| **Blind Spot Assist Inoperative**                      | * Blind Spot Assist is malfunctioning.  
- Visit a qualified specialist workshop. |
| **Active Blind Spot Assist Inoperative**               | * Active Blind Spot Assist is malfunctioning.  
- Visit a qualified specialist workshop. |
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Parking Assist and PARKTRONIC Inoperative</td>
<td>* Active Parking Assist and Parking Assist PARKTRONIC are malfunctioning.</td>
</tr>
<tr>
<td>Operator's Manual</td>
<td>▶ Stop the vehicle, paying attention to road and traffic conditions, and restart the engine.</td>
</tr>
<tr>
<td></td>
<td>▶ If the display message continues to be displayed, consult a qualified specialist workshop.</td>
</tr>
<tr>
<td>Traffic Sign Assist Currently Unavailable</td>
<td>* Traffic Sign Assist is temporarily unavailable.</td>
</tr>
<tr>
<td>Operator's Manual</td>
<td>▶ Drive on.</td>
</tr>
<tr>
<td></td>
<td>▶ Once the cause of the problem is no longer present, the system will be available again.</td>
</tr>
<tr>
<td>Traffic Sign Assist Camera View Restricted</td>
<td>* The camera view is restricted. Possible causes are:</td>
</tr>
<tr>
<td>Operator's Manual</td>
<td>• dirt on the windshield in the camera’s field of vision</td>
</tr>
<tr>
<td></td>
<td>• heavy rain, snow or fog</td>
</tr>
<tr>
<td></td>
<td>Driving systems and driving safety systems may be malfunctioning or temporarily unavailable.</td>
</tr>
<tr>
<td></td>
<td>Once the cause of the problem is no longer present, driving systems and driving safety systems will become available again.</td>
</tr>
<tr>
<td></td>
<td>▶ If the display message does not disappear:</td>
</tr>
<tr>
<td></td>
<td>▶ Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.</td>
</tr>
<tr>
<td></td>
<td>▶ Clean the windshield.</td>
</tr>
<tr>
<td>Traffic Sign Assist Inoperative</td>
<td>* Traffic Sign Assist is malfunctioning.</td>
</tr>
<tr>
<td></td>
<td>▶ Visit a qualified specialist workshop.</td>
</tr>
</tbody>
</table>
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HOLD</strong></td>
<td>* The HOLD function is deactivated because the vehicle is skidding or a condition for activation is not met.</td>
</tr>
<tr>
<td></td>
<td>▶ Reactivate the HOLD function later or check the activation conditions for the HOLD function.</td>
</tr>
<tr>
<td><strong>Off</strong></td>
<td></td>
</tr>
<tr>
<td>Active Distance Assist Now Available</td>
<td>* Active Distance Assist DISTRONIC is operational again and can be activated (→ page 169).</td>
</tr>
<tr>
<td>Active Distance Assist Currently Unavailable</td>
<td>* Active Distance Assist DISTRONIC is temporarily unavailable.</td>
</tr>
<tr>
<td></td>
<td>The ambient conditions are outside the system limitations (→ page 166).</td>
</tr>
<tr>
<td></td>
<td>▶ Drive on.</td>
</tr>
<tr>
<td></td>
<td>As soon as the ambient conditions are within the system limitations, the system will become available again.</td>
</tr>
<tr>
<td>Active Distance Assist Inoperative</td>
<td>* Active Distance Assist DISTRONIC is malfunctioning.</td>
</tr>
<tr>
<td></td>
<td>Other driving and driving safety systems may also be malfunctioning.</td>
</tr>
<tr>
<td></td>
<td>▶ Visit a qualified specialist workshop.</td>
</tr>
<tr>
<td>Active Steering Assist Currently Unavailable</td>
<td>* Active Steering Assist is temporarily unavailable.</td>
</tr>
<tr>
<td></td>
<td>The ambient conditions are outside the system limitations (→ page 172).</td>
</tr>
<tr>
<td></td>
<td>▶ Drive on.</td>
</tr>
<tr>
<td></td>
<td>As soon as the ambient conditions are within the system limitations, the system will become available again.</td>
</tr>
<tr>
<td></td>
<td>▶ If necessary, clean the windshield in the camera’s field of vision.</td>
</tr>
<tr>
<td>Display messages</td>
<td>Possible causes/consequences and Solutions</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| Active Steering Assist Inoperative | * Active Steering Assist is malfunctioning. Active Distance Assist DISTRONIC remains available.  
  ➤ Visit a qualified specialist workshop.                                                                 |
| ⬇️ mph                           | * Cruise control cannot be activated as not all activation conditions are fulfilled.  
  ➤ Observe the activation conditions for cruise control.                                                  |
| Cruise Control Canceled          | * Cruise control has been deactivated.  
  If there is an additional warning tone, cruise control has been switched off automatically (→ page 164). |
| Cruise Control Inoperative       | * Cruise control is malfunctioning.  
  ➤ Visit a qualified specialist workshop.                                                                   |
### Engine

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and ‣ Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Check Coolant Level</strong> See Operator’s Manual</td>
<td>* The coolant level is too low.</td>
</tr>
<tr>
<td>*</td>
<td><strong>NOTE Engine damage due to insufficient coolant</strong></td>
</tr>
<tr>
<td></td>
<td>‣ Avoid long journeys with insufficient coolant.</td>
</tr>
<tr>
<td></td>
<td>‣ Add coolant.</td>
</tr>
<tr>
<td><strong>Coolant Too Hot Stop Vehicle Turn Engine Off</strong></td>
<td>* The coolant is too hot.</td>
</tr>
<tr>
<td></td>
<td>‣ Pull over and stop the vehicle safely and switch off the engine, paying attention to road and traffic conditions.</td>
</tr>
<tr>
<td><strong>WARNING Danger of burns when opening the hood</strong></td>
<td>If you open the hood when the engine has overheated or during a fire in the engine compartment, you could come into contact with hot gases or other escaping operating fluids.</td>
</tr>
<tr>
<td></td>
<td>‣ Before opening the hood, allow the engine to cool down.</td>
</tr>
<tr>
<td></td>
<td>‣ In the event of a fire in the engine compartment, keep the hood closed and call the fire service.</td>
</tr>
<tr>
<td></td>
<td>‣ Wait until the engine has cooled down.</td>
</tr>
<tr>
<td></td>
<td>‣ Make sure that the air supply to the radiator is not obstructed.</td>
</tr>
<tr>
<td></td>
<td>‣ Avoiding high loads on the engine, drive on to the nearest qualified specialist workshop. In doing so, ensure that the coolant temperature display remains below the red area.</td>
</tr>
<tr>
<td>Display messages</td>
<td>Possible causes/consequences and Solutions</td>
</tr>
<tr>
<td>------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td><img src="" alt="Battery icon" /></td>
<td>* The battery is not being charged.</td>
</tr>
<tr>
<td><img src="" alt="Engine icon" /></td>
<td><strong>NOTE</strong> Possible engine damage if you continue driving</td>
</tr>
<tr>
<td></td>
<td>Do not continue driving under any circumstances.</td>
</tr>
<tr>
<td></td>
<td>Consult a qualified specialist workshop.</td>
</tr>
<tr>
<td></td>
<td>Pull over and stop the vehicle safely and switch off the engine, paying attention to road and traffic conditions.</td>
</tr>
<tr>
<td></td>
<td>Consult a qualified specialist workshop.</td>
</tr>
</tbody>
</table>

*The engine is off and the battery charge level is too low.*

- Switch off electrical consumers that are not required.
- Leave the engine running for a few minutes, or drive for a longer distance.
- The battery charges.
## Display messages

**Possible causes/consequences and Solutions**

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Battery Symbol" /> <strong>Stop Vehicle See Operator's Manual</strong></td>
<td>* The battery is no longer being charged and the battery charge level is too low.</td>
</tr>
<tr>
<td></td>
<td><strong>NOTE</strong> Possible engine damage if you continue driving</td>
</tr>
<tr>
<td></td>
<td>▶ Do not continue driving under any circumstances.</td>
</tr>
<tr>
<td></td>
<td>▶ Consult a qualified specialist workshop.</td>
</tr>
<tr>
<td></td>
<td>▶ 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.</td>
</tr>
<tr>
<td></td>
<td>▶ Switch off the engine.</td>
</tr>
<tr>
<td></td>
<td>▶ Consult a qualified specialist workshop.</td>
</tr>
<tr>
<td><img src="image" alt="Battery Symbol" /> <strong>Stop Vehicle Leave Engine Running</strong></td>
<td>* The battery charge level is too low.</td>
</tr>
<tr>
<td></td>
<td>▶ 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.</td>
</tr>
<tr>
<td></td>
<td>▶ Leave the engine running.</td>
</tr>
<tr>
<td></td>
<td>▶ Wait until the display message disappears before pulling away.</td>
</tr>
</tbody>
</table>
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| ![Check Engine Oil At Next Refueling](image) | * The engine oil level has dropped to the minimum level.  

Ł NOTE Engine damage caused by driving with insufficient engine oil  
Avoid long journeys with insufficient engine oil.  
Check the engine oil level when next refueling.  
Top up the engine oil (→ page 323).  
Notes on engine oil (→ page 390). |
| ![Fuel Level Low](image)      | * The fuel supply has dropped into the reserve range.  

Refuel. |
| ![Gas Cap Loose](image)       | * There has been pressure loss in the fuel system. The fuel filler cap is not closed correctly or the fuel system is leaking.  

Close the fuel filler cap.  
If the fuel filler cap was already properly closed: consult a qualified specialist workshop. |
| ![Fan Motor Defective](image) | * The fan motor is defective.  

Avoiding high loads on the engine, drive on to the nearest qualified specialist workshop. In doing so, ensure that the coolant temperature display remains below the red marking. |
### Tires

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| ![Please Correct Tire Pressure](image) | * The tire pressure is too low in at least one of the tires, or the tire pressure difference between the wheels is too great.  
  - Check the tire pressure and add air, if necessary.  
  - When the tire pressure is correct, restart the tire pressure monitoring system. |

**WARNING** Risk of an accident due to insufficient tire pressure

Tire pressures that are too low pose the following hazards:

- The tires may burst, especially as the load and vehicle speed increase.
- The tires may wear excessively and/or unevenly, which may greatly impair tire traction.
- The driving characteristics, as well as steering and braking, may be greatly impaired.

You could then lose control of the vehicle.

- Observe the recommended tire pressure.
- Adjust the tire pressure if necessary.

- Stop the vehicle, paying attention to road and traffic conditions.
- Check the tire pressure and the tires.
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>! [Warning Tire Malfunction]</td>
<td>* The tire pressure in one or more tires has dropped suddenly. The wheel position is displayed.</td>
</tr>
<tr>
<td></td>
<td><strong>WARNING</strong> Risk of an accident from driving with a flat tire</td>
</tr>
<tr>
<td></td>
<td>Flat tires are dangerous in the following ways:</td>
</tr>
<tr>
<td></td>
<td>- The tires can overheat and cause a fire.</td>
</tr>
<tr>
<td></td>
<td>- The driving characteristics, as well as steering and braking, may be greatly impaired.</td>
</tr>
<tr>
<td></td>
<td>You could then lose control of the vehicle.</td>
</tr>
<tr>
<td></td>
<td>► Do not drive with a flat tire.</td>
</tr>
<tr>
<td></td>
<td>► Observe the notes on flat tires.</td>
</tr>
<tr>
<td></td>
<td>Notes on flat tires (→ page 334).</td>
</tr>
<tr>
<td></td>
<td>► Stop the vehicle, paying attention to road and traffic conditions.</td>
</tr>
<tr>
<td></td>
<td>► Check the tires.</td>
</tr>
<tr>
<td>Tire Press, Monitor Currently Unavailable</td>
<td>* No signals can be received from the tire pressure sensors due to strong radio signal source interference. The tire pressure monitoring system is temporarily unavailable.</td>
</tr>
<tr>
<td></td>
<td>► Drive on.</td>
</tr>
<tr>
<td></td>
<td>The tire pressure monitoring system restarts automatically as soon as the cause has been rectified.</td>
</tr>
</tbody>
</table>
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and ▶ Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheel Sensor(s) Missing</td>
<td>* There is no signal from the tire pressure sensor of one or more tires. The pressure of the affected tire is not displayed. ▶ Have the defective tire pressure sensor replaced at a qualified specialist workshop.</td>
</tr>
<tr>
<td>Tire Pressure Monitor Inoperative No Wheel Sensors</td>
<td>* The wheels installed do not have suitable tire pressure sensors. The tire pressure monitoring system is deactivated. ▶ Install wheels with suitable tire pressure sensors.</td>
</tr>
<tr>
<td>Tire Press. Monitor Inoperative</td>
<td>* The tire pressure monitoring system is defective.</td>
</tr>
<tr>
<td></td>
<td>▶ WARNING There is a risk of an accident if the tire pressure monitoring system is malfunctioning</td>
</tr>
<tr>
<td></td>
<td>If the tire pressure monitoring system is malfunctioning, it is not able to issue a warning if there is pressure loss in one or more of the tires.</td>
</tr>
<tr>
<td></td>
<td>Underinflated tires may, for example, impair the driving, steering and braking characteristics. ▶ Have the tire pressure monitoring system checked at a qualified specialist workshop.</td>
</tr>
<tr>
<td></td>
<td>▶ Visit a qualified specialist workshop.</td>
</tr>
<tr>
<td>Tires Overheated</td>
<td>* At least one tire is overheating. The affected tires are displayed in red. At temperatures close to the limit value, the tires are displayed in yellow. ▶ Drive more slowly.</td>
</tr>
</tbody>
</table>
### Display messages

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tires Overheated Decrease Speed</td>
<td>* At least one tire is overheating.</td>
</tr>
<tr>
<td></td>
<td>WARNING Risk of an accident from driving with overheated tires</td>
</tr>
<tr>
<td></td>
<td>Overheated tires may burst, particularly at high speeds.</td>
</tr>
<tr>
<td></td>
<td>Reduce speed so that the tires cool down.</td>
</tr>
</tbody>
</table>

### SmartKey

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obtain a New Key</td>
<td>* The SmartKey needs to be replaced.</td>
</tr>
<tr>
<td></td>
<td>Visit a qualified specialist workshop.</td>
</tr>
<tr>
<td>Replace Key Battery</td>
<td>* The SmartKey battery is discharged.</td>
</tr>
<tr>
<td></td>
<td>Replace the battery.</td>
</tr>
</tbody>
</table>
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="white" alt="Key Not Detected" /></td>
<td>* The SmartKey is currently undetected.</td>
</tr>
<tr>
<td></td>
<td>- Change the location of the SmartKey in the vehicle.</td>
</tr>
<tr>
<td></td>
<td>- If the SmartKey is still not recognized, start the engine with the SmartKey in the stowage compartment.</td>
</tr>
<tr>
<td><img src="red" alt="Key Not Detected" /></td>
<td>* The SmartKey cannot be detected and may no longer be in the vehicle. The SmartKey is no longer in the vehicle and you switch off the engine:</td>
</tr>
<tr>
<td></td>
<td>- you can no longer start the engine.</td>
</tr>
<tr>
<td></td>
<td>- you cannot centrally lock the vehicle.</td>
</tr>
<tr>
<td></td>
<td>- Ensure that the SmartKey is in the vehicle.</td>
</tr>
<tr>
<td></td>
<td>- If the SmartKey detection function has a malfunction due to a strong radio signal source:</td>
</tr>
<tr>
<td></td>
<td>- Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.</td>
</tr>
<tr>
<td></td>
<td>- Place the SmartKey in the stowage compartment for starting the engine with the SmartKey.</td>
</tr>
<tr>
<td><img src="warning" alt="Don't Forget Your Key" /></td>
<td>* A warning tone also sounds. This message reminds you to take your SmartKey with you when you leave the vehicle.</td>
</tr>
</tbody>
</table>
### Display messages

<table>
<thead>
<tr>
<th>Place the Key in the Marked Space See Operator's Manual</th>
</tr>
</thead>
<tbody>
<tr>
<td>* The SmartKey detection function is malfunctioning.</td>
</tr>
<tr>
<td>1. Change the location of the SmartKey in the vehicle.</td>
</tr>
<tr>
<td>2. Start the vehicle with the SmartKey in the stowage compartment.</td>
</tr>
</tbody>
</table>

### Vehicle

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Apply Brake to Shift from 'P'</strong></td>
<td>* You have attempted to shift the transmission out of position <strong>P</strong> and into another transmission position.</td>
</tr>
<tr>
<td></td>
<td>1. Depress the brake pedal.</td>
</tr>
<tr>
<td><strong>To Deselect P or N, Depress Brake and Start Engine</strong></td>
<td>* You have attempted to shift the transmission out of position <strong>P</strong> or <strong>N</strong> into another transmission position.</td>
</tr>
<tr>
<td></td>
<td>1. Depress the brake pedal.</td>
</tr>
<tr>
<td></td>
<td>2. Start the engine.</td>
</tr>
<tr>
<td><strong>Driver's Door Open &amp; Transmission Not in P Risk of Vehicle Rolling Away</strong></td>
<td>* The driver's door is not fully closed and the transmission is in position <strong>R</strong>, <strong>N</strong> or <strong>D</strong>.</td>
</tr>
<tr>
<td></td>
<td>1. Shift the transmission to position <strong>P</strong> when you park the vehicle.</td>
</tr>
</tbody>
</table>
## Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| **N Permanently Active Risk of Rolling Away**         | * While the vehicle is rolling or while you are driving, the transmission has been shifted to position \( \text{N} \).  
  ▶ Depress the brake pedal to stop and, when the vehicle is stationary, shift the transmission to position \( \text{P} \).  
  ▶ To continue your journey, shift the transmission to position \( \text{D} \) or \( \text{R} \). |
| **Only Shift to 'P' when Vehicle is Stationary**      | * The transmission can be shifted to position \( \text{P} \) only when the vehicle is stationary. |
| **Service Required Do Not Shift Gears Visit Dealer**  | * The transmission is malfunctioning. The transmission position can no longer be shifted.  
  ▶ When the transmission is in position \( \text{D} \), consult a qualified specialist workshop and do not shift the transmission position.  
  ▶ For all other transmission positions, park the vehicle safely.  
  ▶ Consult a qualified specialist workshop or breakdown service. |
| **Vehicle Operational Switch the Ignition Off Before Exiting** | * You are leaving the vehicle when it is in a ready-to-drive state.  
  ▶ When you leave the vehicle, switch off the ignition and take the SmartKey with you.  
  ▶ If you do not leave the vehicle, switch off the electrical consumers, e.g. the seat heating. Otherwise, the 12 V battery may discharge and it will then be possible to start the vehicle only using a donor battery (starting assistance). |
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission Malfunction Stop</td>
<td>* The transmission is malfunctioning. The transmission shifts to position N automatically.</td>
</tr>
<tr>
<td></td>
<td>▶ Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.</td>
</tr>
<tr>
<td></td>
<td>▶ Switch the transmission to position P.</td>
</tr>
<tr>
<td></td>
<td>▶ Consult a qualified specialist workshop.</td>
</tr>
<tr>
<td>Reversing Not Possible Service Required</td>
<td>* The transmission is malfunctioning. Reverse gear can no longer be engaged.</td>
</tr>
<tr>
<td></td>
<td>▶ Visit a qualified specialist workshop.</td>
</tr>
<tr>
<td>Stop Vehicle Leave Engine Running Wait Transmission Cooling</td>
<td>* The transmission is overheating. Pulling away may be temporarily impaired or not possible.</td>
</tr>
<tr>
<td></td>
<td>▶ 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.</td>
</tr>
<tr>
<td></td>
<td>▶ Leave the engine running.</td>
</tr>
<tr>
<td></td>
<td>▶ Wait until the display message disappears before pulling away.</td>
</tr>
<tr>
<td>Auxiliary Battery Malfunction</td>
<td>* The auxiliary battery for the transmission is no longer being charged.</td>
</tr>
<tr>
<td></td>
<td>▶ Visit a qualified specialist workshop.</td>
</tr>
<tr>
<td></td>
<td>▶ Until then, always manually set the transmission to position P before you switch off the engine.</td>
</tr>
<tr>
<td></td>
<td>▶ Before leaving the vehicle, apply the electric parking brake.</td>
</tr>
<tr>
<td>Air Conditioning Malfunction See Operator’s Manual</td>
<td>* Operation of the climate control system is temporarily restricted. Airflow and fresh air supply are set to automatic mode.</td>
</tr>
<tr>
<td></td>
<td>▶ Have the climate control system checked at a qualified specialist workshop.</td>
</tr>
<tr>
<td>Display messages</td>
<td>Possible causes/consequences and Solutions</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------------------------------</td>
</tr>
</tbody>
</table>
| **To Engage Transmiss. Position R First Depress the Brake** | * You have attempted to shift the transmission out of position [D] and into transmission position [R].  
  ▶ Depress the brake pedal.  
  ▶ Switch the transmission to position [R]. |
| ![Steering Malfunction Drive Carefully Service Required](image) | * The power assistance for the steering is malfunctioning. You may need to use more force to steer.  
  ▶ Drive on carefully.  
  ▶ Visit a qualified specialist workshop. |
| **Let fresh air into the vehicle interior. Air Conditioning Malf. Visit Workshop** | * The climate control system is malfunctioning.  
  ▶ **WARNING** Risk of injury and accident due to an insufficient supply of fresh air  
  If the climate control system is malfunctioning, carbon dioxide levels may increase in the vehicle interior. Breathing in carbon dioxide may cause dizziness.  
  ▶ Open the window to ensure that there is a sufficient supply of fresh air.  
  ▶ Open the window to ensure that there is an adequate supply of fresh air.  
  ▶ Consult a qualified specialist workshop immediately. |
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Steering Malfunction Stop" /></td>
<td>* The steering is malfunctioning. Steering capability is considerably impaired.</td>
</tr>
<tr>
<td><strong>WARNING</strong> Risk of accident if steering capability is impaired</td>
<td></td>
</tr>
<tr>
<td>If the steering does not function as intended, the vehicle's operating safety is jeopardized.</td>
<td></td>
</tr>
<tr>
<td>▶ Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.</td>
<td></td>
</tr>
<tr>
<td>▶ Do not continue driving under any circumstances.</td>
<td></td>
</tr>
<tr>
<td>▶ Consult a qualified specialist workshop.</td>
<td></td>
</tr>
<tr>
<td>▶ 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.</td>
<td></td>
</tr>
<tr>
<td>▶ Consult a qualified specialist workshop.</td>
<td></td>
</tr>
</tbody>
</table>

<p>| <img src="image" alt="Steering Malfunction Increased Physical Effort" /> | * The power assistance for the steering is malfunctioning. |
| <strong>WARNING</strong> 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. |
| ▶ If safe steering is possible, drive on carefully. |
| ▶ Visit or consult a qualified specialist workshop immediately. |</p>
<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Hood Malfunction</td>
<td>* The active hood (pedestrian protection) is malfunctioning or inoperative after having already been triggered.</td>
</tr>
<tr>
<td>See Operator’s Manual</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Visit a qualified specialist workshop.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>At least one door is open.</td>
<td>* The hood is open.</td>
</tr>
<tr>
<td></td>
<td>A <strong>WARNING</strong> Risk of accident if the engine hood is unlatched while driving</td>
</tr>
<tr>
<td></td>
<td>An unlocked engine hood may open up when the vehicle is in motion and block your view.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Never unlatch the engine hood while driving.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Before every trip, ensure that the engine hood is latched.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pull over and stop the vehicle safely as soon as possible.</td>
</tr>
<tr>
<td></td>
<td>Close the hood.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Close all doors.</td>
</tr>
<tr>
<td>Display messages</td>
<td>Possible causes/consequences and Solutions</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>-------------------------------------------</td>
</tr>
<tr>
<td><img src="#" alt="Car" /></td>
<td>* The trunk lid is open.</td>
</tr>
<tr>
<td></td>
<td><img src="#" alt="WARNING" /> Risk of exhaust gas poisoning</td>
</tr>
<tr>
<td></td>
<td>Combustion engines emit poisonous exhaust gases such as carbon monoxide. Exhaust gases can enter the vehicle interior if the trunk lid is open when the engine is running, especially if the vehicle is in motion.</td>
</tr>
<tr>
<td></td>
<td>- Always switch off the engine before opening the trunk lid.</td>
</tr>
<tr>
<td></td>
<td>- Never drive with the trunk lid open.</td>
</tr>
<tr>
<td></td>
<td>- Close the trunk lid.</td>
</tr>
<tr>
<td><img src="#" alt="Seat" /></td>
<td>* The corresponding seat backrest of the rear bench seat is not engaged.</td>
</tr>
<tr>
<td>Rear Left Backrest Not Latched (Example)</td>
<td><img src="#" alt="Fold" /> Fold the corresponding seat backrest back until it engages.</td>
</tr>
<tr>
<td><img src="#" alt="Washer Fluid" /></td>
<td>* The washer fluid level in the washer fluid reservoir has dropped below the minimum.</td>
</tr>
<tr>
<td>Check Washer Fluid</td>
<td><img src="#" alt="Top up" /> Top up the washer fluid.</td>
</tr>
</tbody>
</table>
**Lights**

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| ![Check Left Low Beam](image) | * The corresponding light source is defective.  
| | ► Visit a qualified specialist workshop.  
| | ● LED light bulbs: the display message for the corresponding lamp appears only when all the light-emitting diodes in the lamp have failed.  
| ![Active Headlamps Inoperative](image) | * The active headlamps are defective.  
| | ► Visit a qualified specialist workshop.  
| ![Malfunction See Operator’s Manual](image) | * The exterior lighting is defective.  
| | ► Visit a qualified specialist workshop. |
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| ![Auto Lamp Function Inoperative](image)              | * The light sensor is defective.  
  ▶ Visit a qualified specialist workshop.                                                                |
| ![Switch Off Lights](image)                            | * You are leaving the vehicle and the lights are still switched on.  
  ▶ Turn the light switch to the **auto** position.                                                       |
| ![Switch On Headlamps](image)                          | * You are driving without low-beam headlamps.  
  ▶ Turn the light switch to the **dim** or **auto** position.                                              |
| ![Adaptive Highbeam Assist Inoperative](image)         | * Adaptive Highbeam Assist is malfunctioning.  
  ▶ Visit a qualified specialist workshop.                                                                 |
| ![Adaptive Highbeam Assist Currently Unavailable See Operator's Manual](image) | * Adaptive Highbeam Assist is temporarily unavailable.  
  The system limitations have been reached (→ page 117).  
  ▶ Drive on.  
  Once the cause of the problem is no longer present, the system will be available again. The **Adaptive Highbeam Assist Now Available** display message appears. |

Once the cause of the problem is no longer present, the system will be available again. The **Adaptive Highbeam Assist Now Available** display message appears.
Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Display messages</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| Adaptive Highbeam Assist  
Camera View Restricted  
See Operator's Manual | * The camera view is restricted. Possible causes are:  
• dirt on the windshield in the camera's field of vision  
• heavy rain, snow or fog  
Driving systems and driving safety systems may be malfunctioning or temporarily unavailable.  
Once the cause of the problem is no longer present, driving systems and driving safety systems will become available again.  
If the display message does not disappear:  
➤ Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.  
➤ Clean the windshield. |

Warning and indicator lamps
Overview of warning and indicator lamps
Some systems perform a self-test when the ignition is switched on. Some warning and indicator lamps may briefly light up or flash. This behaviour is non-critical. These warning and indicator lamps indicate a malfunction only if they light up or flash after the engine is started or during a journey.
If you select the progressive display setting in vehicles with a Widescreen Cockpit, the positions of the indicator lamps on the Instrument Display change.

**Warning and indicator lamps:**

- Low beam (→ page 114)
- Parking lights (→ page 114)
- High beam (→ page 115)
- Turn signal light (→ page 115)
- Rear fog lights (→ page 114)

- Seat belt is not fastened (→ page 450)
- USA: brakes (red) (→ page 443)
- Canada: brakes (red) (→ page 443)
- ABS malfunction (→ page 443)
- AIR BODY CONTROL malfunction (→ page 450)
- ESP® (→ page 443)
- ESP® OFF (→ page 443)
- USA: electric parking brake applied (red) (→ page 443)
- Canada: electric parking brake applied (red) (→ page 443)
- Electric parking brake (yellow) (→ page 443)
- Steering assistance malfunction (→ page 451)
- Electrical fault (→ page 452)
- Restraint system (→ page 443)
- Check Engine (→ page 452)
<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>🛡️</td>
<td>Fuel reserve with fuel filler flap location indicator (→ page 452)</td>
<td></td>
</tr>
<tr>
<td>🌡️</td>
<td>Coolant too hot/cold (→ page 452)</td>
<td></td>
</tr>
<tr>
<td>🚧</td>
<td>Distance warning (→ page 450)</td>
<td></td>
</tr>
<tr>
<td>🍪</td>
<td>Tire pressure monitoring system (→ page 456)</td>
<td></td>
</tr>
</tbody>
</table>
### Safety systems

<table>
<thead>
<tr>
<th>Warning/indicator lamp</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| BRAKE                  | The red brake system warning lamp is lit while the engine is running. Possible causes are:  
  - The brake force boosting is malfunctioning and the braking characteristics may be affected.  
  - There is insufficient brake fluid in the brake fluid reservoir. |
| Brakes warning lamp (Canada) | **WARNING** There is a risk of an accident if brake force boosting is malfunctioning  
  If brake force boosting is malfunctioning, increased brake pedal force may be necessary for braking. Braking characteristics may be impaired. The braking distance in an emergency braking situation can increase.  
  ▶ 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. |
| Brakes warning lamp (Canada) | **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.  
  ▶ 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.  
  Do not add brake fluid.
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Warning/indicator lamp</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td></td>
<td>Observe the messages on the multifunction display.</td>
</tr>
<tr>
<td></td>
<td>Consult a qualified specialist workshop.</td>
</tr>
<tr>
<td><strong>USA only</strong></td>
<td>if an additional display message appears with the symbol on the multifunction display, the brake pads have reached their wear limit.</td>
</tr>
<tr>
<td></td>
<td>Visit a qualified specialist workshop.</td>
</tr>
<tr>
<td>Warning/indicator lamp</td>
<td>Possible causes/consequences and Solutions</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><img src="image" alt="ABS" /> ABS warning lamp</td>
<td>The yellow ABS warning lamp is lit while the engine is running. ABS is malfunctioning. If there is an additional warning tone, EBD is malfunctioning. Other driving and driving safety systems may also be faulty.</td>
</tr>
<tr>
<td><img src="image" alt="ESP®" /> ESP® warning lamp flashes</td>
<td>The yellow ESP® warning lamp flashes while the vehicle is in motion. ESP® is intervening. Adapt your driving style to suit the road and weather conditions.</td>
</tr>
</tbody>
</table>

**WARNING** There is risk of skidding if EBD or ABS is malfunctioning

- If EBD or ABS is malfunctioning, the wheels could lock when braking.
- The steering capability and braking characteristics are thus severely impaired. The braking distance in an emergency braking situation can increase. In addition, other driving safety systems are switched off.
  - Drive on carefully.
  - Have the brake system checked immediately at a qualified specialist workshop.

- Drive on carefully.
- Observe the messages in the multifunction display.
- Visit a qualified specialist workshop.
### Warning/indicator lamp Possible causes/consequences and Solutions

<table>
<thead>
<tr>
<th>Warning/indicator lamp</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESP® warning lamp lights up</td>
<td>The yellow ESP® warning lamp is lit while the engine is running. ESP® is malfunctioning. Other driving and driving safety systems may also be malfunctioning.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><img src="image" alt="ESP® warning lamp" /></th>
</tr>
</thead>
</table>

#### WARNING Risk of skidding if ESP® is malfunctioning
If ESP® is malfunctioning, ESP® cannot carry out vehicle stabilization. In addition, other driving safety systems are switched off.

- Drive on carefully.
- Have ESP® checked at a qualified specialist workshop.

- Drive on carefully.
- Observe the messages in the multifunction display.
- Consult a qualified specialist workshop.
<table>
<thead>
<tr>
<th>Warning/indicator lamp</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESP® OFF warning lamp</td>
<td>The yellow ESP® OFF warning lamp is lit while the engine is running. ESP® is deactivated.</td>
</tr>
</tbody>
</table>

**WARNING** Risk of skidding when driving with ESP® deactivated

- If ESP® is deactivated, ESP® cannot carry out vehicle stabilization. The availability of further driving safety systems is also limited.
  - Drive on carefully.
  - Only deactivate ESP® for as long as the situation requires.

- If ESP® cannot be activated, ESP® is malfunctioning.
  - Have ESP® checked immediately at a qualified specialist workshop.

- Observe the notes on deactivating ESP®.
### Display messages and warning/indicator lamps

<table>
<thead>
<tr>
<th>Warning/indicator lamp</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>![PARK] Red indicator lamp, electric parking brake applied (USA only)</td>
<td>The red electric parking brake indicator lamp flashes or is lit. The yellow indicator lamp is also lit if the electric parking brake malfunctions.</td>
</tr>
<tr>
<td>![P] Red indicator lamp, electric parking brake applied (Canada only)</td>
<td>► Observe the messages in the multifunction display.</td>
</tr>
<tr>
<td>![P] Yellow electric parking brake indicator lamp is malfunctioning</td>
<td></td>
</tr>
<tr>
<td>Warning/indicator lamp</td>
<td>Possible causes/consequences and Solutions</td>
</tr>
<tr>
<td>------------------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Restraint system warning lamp</td>
<td></td>
</tr>
<tr>
<td>The red restraint system warning lamp is lit while the engine is running.</td>
<td></td>
</tr>
<tr>
<td>The restraint system is malfunctioning.</td>
<td></td>
</tr>
<tr>
<td><strong>WARNING</strong>  Risk of injury or fatal injury due to a malfunction in the restraint system</td>
<td></td>
</tr>
<tr>
<td>If the restraint system is malfunctioning, restraint system components may be triggered unintentionally or might not be triggered at all in the event of an accident. This may affect the Emergency Tensioning Device or airbag, for example.</td>
<td></td>
</tr>
<tr>
<td>▶ Have the restraint system checked and repaired immediately at a qualified specialist workshop.</td>
<td></td>
</tr>
<tr>
<td>▶ Drive on carefully.</td>
<td></td>
</tr>
<tr>
<td>▶ Observe the messages in the multifunction display.</td>
<td></td>
</tr>
<tr>
<td>▶ Visit a qualified specialist workshop immediately.</td>
<td></td>
</tr>
</tbody>
</table>
### Seat belts

<table>
<thead>
<tr>
<th>Warning/indicator lamp</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| Seat belt warning lamp lights up | After the engine is started, the red seat belt warning lamp lights up for six seconds. In addition, an acoustic warning tone may sound. The seat belt warning lamp reminds the driver and front passenger to fasten their seat belts.  
▶ Fasten your seat belt.  
If you have placed objects on the front passenger seat, the seat belt warning lamp may remain lit. |
| 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.  
There are objects on the front passenger seat.  
▶ Remove the objects from the front passenger seat. |

### Driving systems

<table>
<thead>
<tr>
<th>Warning/indicator lamp</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| Suspension warning lamp | The yellow AIR BODY CONTROL warning lamp is on.  
AIR BODY CONTROL is faulty.  
▶ Observe the messages on the multifunction display. |
### Distance warning lamp

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.
- Active Brake Assist.

### Power steering system warning lamp

The red power steering system warning lamp is lit while the engine is running. The power steering 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 jeopardized.
  
  - 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.
  
  - Observe the messages in the multifunction display.
### Engine

<table>
<thead>
<tr>
<th>Warning/indicator lamp</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
</table>
| ![Engine diagnosis warning lamp](engine.png) | - The yellow Check Engine 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.  
- In some states, legal requirements stipulate that you must immediately consult a qualified specialist workshop as soon as the yellow Check Engine warning lamp lights up.  
  - Have the vehicle checked as soon as possible at a qualified specialist workshop. |
| ![Electrical malfunction warning lamp](electric.png) | - The red electrical fault warning lamp is lit.  
- There is a fault in the electrics.  
  - Observe the messages in the multifunction display. |
| ![Fuel reserve warning lamp](fuel.png)        | - The yellow fuel reserve warning lamp lights up while driving.  
- There has been pressure loss in the fuel system. The fuel filler cap is not closed correctly or the fuel system is leaking.  
  - Close the fuel filler cap.  
  - If the fuel filler cap has already been closed correctly:  
  - Visit a qualified specialist workshop. |
<table>
<thead>
<tr>
<th>Warning/indicator lamp</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel reserve warning lamp</td>
<td>The yellow fuel reserve warning lamp is lit while the engine is running. The fuel supply has dropped into the reserve range. ▶ Refuel.</td>
</tr>
</tbody>
</table>
### Coolant Warning Lamp

The red coolant warning lamp is lit while the engine is running.

Possible causes are:
- The temperature sensor is malfunctioning
- Coolant level too low
- The air supply to the radiator is obstructed
- The radiator fan is defective

If there is an additional warning tone, the coolant temperature has exceeded the maximum permissible temperature.

<table>
<thead>
<tr>
<th>Warning/indicator lamp</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coolant warning lamp</td>
<td>The red coolant warning lamp is lit while the engine is running. Possible causes are:</td>
</tr>
<tr>
<td></td>
<td>• The temperature sensor is malfunctioning</td>
</tr>
<tr>
<td></td>
<td>• Coolant level too low</td>
</tr>
<tr>
<td></td>
<td>• The air supply to the radiator is obstructed</td>
</tr>
<tr>
<td></td>
<td>• The radiator fan is defective</td>
</tr>
</tbody>
</table>

### WARNING Danger of burns when opening the hood

If you open the hood when the engine has overheated or during a fire in the engine compartment, you could come into contact with hot gases or other escaping operating fluids.

- Before opening the hood, allow the engine to cool down.
- In the event of a fire in the engine compartment, keep the hood closed and call the fire service.

- Pull over and stop the vehicle safely and switch off the engine, paying attention to road and traffic conditions. Do not continue driving under any circumstances.
- Observe the messages in the multifunction display.

If the coolant temperature display is at the lower end of the temperature scale:

- Consult a qualified specialist workshop.
<table>
<thead>
<tr>
<th>Warning/indicator lamp</th>
<th>Possible causes/consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Otherwise:</td>
</tr>
<tr>
<td></td>
<td>▶ Leave the vehicle and keep a safe distance from the vehicle until the engine has cooled down.</td>
</tr>
<tr>
<td></td>
<td>▶ Check the coolant level.</td>
</tr>
<tr>
<td></td>
<td>▶ Make sure that the air supply to the radiator is not obstructed.</td>
</tr>
<tr>
<td></td>
<td>▶ Avoiding high loads on the engine, drive on to the nearest qualified specialist workshop. In doing so, ensure that the coolant temperature display remains below the red area.</td>
</tr>
</tbody>
</table>
**Warning/indicator lamp**

Tire pressure monitoring system warning lamp lights up

**Possible causes/consequences and Solutions**

The yellow tire pressure monitoring system warning lamp (pressure loss/malfunction) is lit. The tire pressure monitoring system has detected tire pressure loss in at least one of the tires.

⚠️ **WARNING** Risk of an accident due to insufficient tire pressure

Tire pressures that are too low pose the following hazards:

- The tires may burst, especially as the load and vehicle speed increase.
- The tires may wear excessively and/or unevenly, which may greatly impair tire traction.
- The driving characteristics, as well as steering and braking, may be greatly impaired.

You could then lose control of the vehicle.

- Observe the recommended tire pressure.
- Adjust the tire pressure if necessary.

- Stop the vehicle, paying attention to road and traffic conditions.
- Check the tire pressure and the tires.
## Tire Pressure Monitoring System Warning Lamp Flashes

<table>
<thead>
<tr>
<th>Warning/Indicator Lamp</th>
<th>Possible Causes/Consequences and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tire pressure monitoring system warning lamp flashes</td>
<td>The yellow tire pressure monitoring system warning lamp (pressure loss/malfunction) flashes for approximately one minute and then remains lit. The tire pressure monitoring system is malfunctioning.</td>
</tr>
</tbody>
</table>

**WARNING** There is a risk of an accident if the tire pressure monitoring system is malfunctioning

- If the tire pressure monitoring system is malfunctioning, it is not able to issue a warning if there is pressure loss in one or more of the tires.
- Underinflated tires may, for example, impair the driving, steering and braking characteristics.
- Have the tire pressure monitoring system checked at a qualified specialist workshop.

- Consult a qualified specialist workshop.
12 V socket
see Socket (12 V)
115 V socket
see Socket (115 V)
360° Camera ........................................... 185
Assigning as a favorite ............................. 188
Care ................................................... 329
Function ............................................. 185
Selecting a view ..................................... 188

A/C function
Activating/deactivating (control panel) ........................................... 128
Activating/deactivating (multimedia system) ........................................... 128
ABS (Anti-lock Brake System) ................. 158
Acceleration
see Kickdown
Access data
Editing ................................................... 291
Setting ................................................... 290

Acoustic locking verification signal
Activating/deactivating ................................. 58
Active Blind Spot Assist ............................. 197
Activating/deactivating ................................ 199
Brake application ..................................... 198
Function ............................................. 197
System limitations .................................... 197
Towing a trailer ..................................... 198
Active Brake Assist
Function/notes ........................................... 160
Setting ................................................... 164
Active Distance Assist DISTRONIC .............. 166
Active Emergency Stop Assist ....................... 174
Active Emergency Stop Assist
Activating/deactivating ................................ 174
Method of operation ..................................... 320
Resetting ................................................ 320
Active Lane Change Assist
Function ................................................. 173
Active Lane Keeping Assist ......................... 199
Function ................................................... 199
Sensitivity (function/notes) ......................... 202
Setting the sensitivity ................................ 202
Switching on/off ....................................... 201
System limitations ..................................... 199
Active Parking Assist ................................. 188
Cross Traffic Alert .................................... 193
Drive Away Assist ..................................... 192
Exiting a parking space ......................... 191
Function ................................................... 188
Parking ................................................... 189
System limitations ..................................... 188
Active Speed Limit Assist ......................... 196
Setting ................................................... 196
Active Steering Assist
Activating/deactivating ................................ 173
Active Emergency Stop Assist ....................... 174
Active Lane Change Assist ......................... 173
Active Lane Change Assist
Function .............................................. 172
System limitations ............................... 172

Adaptive cruise control
see Active Distance Assist DISTRONIC

Adaptive Highbeam Assist
Function ............................................. 117
Switching on/off .................................. 118

Additives .................................................. 390
Engine oil ............................................. 390
Fuel ...................................................... 390

Additives (engine oil)
see Additives
Additives (fuel)
see Fuel

Address book
see Contacts

Adjusting the balance/fader
Burmester® high-end 3D surround sound system ........................... 317
Burmester® surround sound system .......................... 317

Adjusting the bass, mid-range and treble
Burmester® high-end 3D surround sound system ........................... 317

Adjusting the mid-range, treble and bass
Burmester® high-end 3D surround sound system ........................... 317

Adjusting the sound focus
Burmester® surround sound system .......................... 317

Adjusting the sound optimization
Burmester® high-end 3D surround sound system ........................... 317

Adjusting treble, mid-range and bass settings
Burmester® high-end 3D surround sound system ........................... 317

ADS PLUS damping system
see AIR BODY CONTROL

After-sales service center
see ASSYST PLUS

Air bag ...................................................... 38
Activation ................................................ 32

Belt air bag ............................................. 36
Front air bag (driver, front passenger) ... 38
Installation locations .............................. 38
Knee airbag ........................................... 38
Overview .............................................. 38
Protection .............................................. 39
Reduced protection .................................. 40
Side impact air bag .................................. 38
Window curtain air bag ............................. 38

AIR BODY CONTROL ................................. 176
Setting ................................................. 178
Suspension ............................................. 176

Air conditioning system
see Climate control

Air distribution ........................................ 127

Air freshener system
see Fragrance system

Air pressure
see Tire pressure

Air suspension
see AIR BODY CONTROL

Air vents ................................................. 132
Adjusting (front) ..................................... 132
Adjusting (rear passenger compartment) ................................................... 133
Glove box ............................................ 133
Air vents
see Air vents
Air-recirculation mode ............................................ 130
Airflow ...................................................... 127
AIRPANEL (Care) ...................................... 329
Alarm
see Panic alarm
Alarm system
see ATA (anti-theft alarm system)
Alternative route
see Route
Ambient lighting ...................................................... 119
Android Auto ............................................ 284
Connecting a mobile phone ............................................ 285
Ending ............................................ 285
Note ............................................ 284
Overview ............................................ 284
Sound settings ............................................ 284
Transferred vehicle data ............................................ 286
Animals
Pets in the vehicle ............................................ 56
Anti-lock braking system
see ABS (Anti-lock Brake System)
Anti-skid chains
see Snow chains
Anti-theft alarm system
see ATA (anti-theft alarm system)
Anti-theft protection
Immobilizer ............................................ 81
Anti-theft protection
see ATA (anti-theft alarm system)
Anticipatory occupant protection
see PRE-SAFE® (anticipatory occupant protection)
see PRE-SAFE® PLUS (anticipatory occupant protection plus)
Apple CarPlay™ ............................................ 283
Connecting an iPhone® ............................................ 283
Ending ............................................ 284
Notes ............................................ 283
Overview ............................................ 283
Sound settings ............................................ 284
Transferred vehicle data ............................................ 286
Ashtray
Front center console ............................................ 106
Rear passenger compartment ............................................ 107
Assistance graphic
Menu (on-board computer) ............................................ 208
Assistance systems
see Driving safety system
ASSYST PLUS ............................................ 319
Displaying the service due date ............................................ 319
Function/notes ............................................ 319
Non-operational times with the battery disconnected ............................................ 320
Regular maintenance work ............................................ 319
Special service requirements ............................................ 319
ATA (anti-theft alarm system) ............................................ 81
Deactivating the alarm ............................................ 82
Function ............................................ 81
ATTENTION ASSIST ............................................ 193, 195
Function ............................................ 193
Setting ............................................ 195
System limitations ............................................ 193
Index 461

B
BAS (Brake Assist System) ............................. 159
Battery
SmartKey ............................................. 59
Battery (vehicle)
Charging ............................................... 342
Jump-starting ........................................... 342
Notes ..................................................... 340
Belt
see Seat belts
Belt air bag
Activation ............................................. 32
Function/notes ........................................ 36
Blind Spot Assist ........................................ 197
Activating/deactivating ............................... 199
Function .................................................. 197
System limitations .................................. 197
Blower
see Climate control
Bluetooth®
Activating/deactivating .............................. 239
Setting up an Internet connection ............... 290
Settings ................................................. 239

Attention assistant
see ATTENTION ASSIST

Audio mode
Activating media mode .............................. 298
Connecting USB devices ........................... 300
Copyright ............................................. 297
Information ........................................... 296
Inserting/removing an SD card .................... 298
Media search ........................................... 303
Overview .............................................. 299
Pause and playback function ..................... 300
Selecting a track ..................................... 300
Selecting playback options ......................... 300
Track list ............................................... 300

Authorized workshop
see Qualified specialist workshop

Automatic distance control
see Active Distance Assist DISTRONIC

Automatic driving lights ........................... 115
Automatic engine start (ECO start/
stop function) ......................................... 140
Automatic front passenger front air
bag deactivation system ........................... 41
Function of the automatic front
passenger air bag shutoff ......................... 41

Automatic lateral support adjustment
Setting .................................................... 91

Automatic mirror folding function
Activating/deactivating ............................ 124

Automatic transmission
DIRECT SELECT lever ............................. 143
Drive program display ............................. 142
Drive programs ....................................... 142
DYNAMIC SELECT switch ....................... 142
Engaging drive position ........................... 145
Engaging reverse gear ............................. 144
Kickdown .............................................. 146
Manual gearshifting ............................... 145
Selecting park position ............................ 144
Shifting to neutral .................................. 144
Steering wheel paddle shifters .................. 145
Transmission position display .................... 143
Transmission positions ............................ 143

Attention assistant
see ATTENTION ASSIST

Audio mode
Activating media mode .............................. 298
Connecting USB devices ........................... 300
Copyright ............................................. 297
Information ........................................... 296
Inserting/removing an SD card .................... 298
Media search ........................................... 303
Overview .............................................. 299
Pause and playback function ..................... 300
Selecting a track ..................................... 300
Selecting playback options ......................... 300
Track list ............................................... 300

Authorized workshop
see Qualified specialist workshop

Automatic distance control
see Active Distance Assist DISTRONIC

Automatic driving lights ........................... 115
Automatic engine start (ECO start/
stop function) ......................................... 140
Automatic front passenger front air
bag deactivation system ........................... 41
Function of the automatic front
passenger air bag shutoff ......................... 41

Automatic lateral support adjustment
Setting .................................................... 91

Automatic mirror folding function
Activating/deactivating ............................ 124

Automatic transmission
DIRECT SELECT lever ............................. 143
Drive program display ............................. 142
Drive programs ....................................... 142
DYNAMIC SELECT switch ....................... 142
Engaging drive position ........................... 145
Engaging reverse gear ............................. 144
Kickdown .............................................. 146
Manual gearshifting ............................... 145
Selecting park position ............................ 144
Shifting to neutral .................................. 144
Steering wheel paddle shifters .................. 145
Transmission position display .................... 143
Transmission positions ............................ 143

Authorized workshop
see Qualified specialist workshop

Automatic distance control
see Active Distance Assist DISTRONIC

Automatic driving lights ........................... 115
Automatic engine start (ECO start/
stop function) ......................................... 140
Automatic front passenger front air
bag deactivation system ........................... 41
Function of the automatic front
passenger air bag shutoff ......................... 41

Automatic lateral support adjustment
Setting .................................................... 91

Automatic mirror folding function
Activating/deactivating ............................ 124

Automatic transmission
DIRECT SELECT lever ............................. 143
Drive program display ............................. 142
Drive programs ....................................... 142
DYNAMIC SELECT switch ....................... 142
Engaging drive position ........................... 145
Engaging reverse gear ............................. 144
Kickdown .............................................. 146
Manual gearshifting ............................... 145
Selecting park position ............................ 144
Shifting to neutral .................................. 144
Steering wheel paddle shifters .................. 145
Transmission position display .................... 143
Transmission positions ............................ 143

B
BAS (Brake Assist System) ............................. 159
Battery
SmartKey ............................................. 59
Battery (vehicle)
Charging ............................................... 342
Jump-starting ........................................... 342
Notes ..................................................... 340
Belt
see Seat belts
Belt air bag
Activation ............................................. 32
Function/notes ........................................ 36
Blind Spot Assist ........................................ 197
Activating/deactivating ............................... 199
Function .................................................. 197
System limitations .................................. 197
Blower
see Climate control
Bluetooth®
Activating/deactivating .............................. 239
Setting up an Internet connection ............... 290
Settings ................................................. 239
Switching profile (DUN/PAN) .............. 291

Bluetooth® audio
Activating ............................................ 308
De-authorizing (de-registering) the device .................................................. 308
Information .......................................... 305
Overview ............................................. 306
Searching for a track ......................... 308
Searching for and authorizing the device ....................................................... 307
Selecting a music player ..................... 308
Switching device via NFC ...................... 308

Brake Assist System
see BAS (Brake Assist System)

Brake fluid
Notes .................................................. 391

Brake force distribution
EBD (Electronic Brake force Distribution) ..................................................... 159

Brakes
ABS (Anti-lock Braking System) ........... 158
Active Brake Assist ......................... 160
BAS (Brake Assist System) ................. 159
Driving tips ........................................ 138

EBD (Electronic Brake force Distribution) ..................................................... 159
HOLD function ....................................... 159
Limited braking effect (salt-treated roads) ..................................................... 138
New/replaced brake pads/brake discs ......................................................... 137
Notes on breaking-in a new vehicle .... 137

Braking assistance
see BAS (Brake Assist System)

Breakdown
Changing a wheel ................................. 378
Overview of the help functions .......... 16
Roadside Assistance ....................... 21
Tow-starting ...................................... 350
Towing away ..................................... 346
Transporting the vehicle .................. 348

Breakdown
see Flat tire

Burmester® surround sound system
Adjusting the balance/fader ............... 317
Adjusting the sound focus ................. 317
Adjusting treble, mid-range and bass settings ........................................ 317
Automatic volume adjustment .......... 317
Calling up the sound menu ............... 317
Information ......................................... 316
Switching the surround sound on/off ... 317

Buttons
Steering wheel ................................. 204

C

California
Important information for private customers and lessees .................. 22
Call list
Making a call ....................................... 281
Options in the call list ............................ 281
Overview ............................................. 281

Calling up the sound menu
Burmester® high-end 3D surround sound system ...................................... 317
Burmester® surround sound system ............................................. 316

Calls ................................................ 277
Accepting ............................................ 277
Activating functions during a call ........ 277
Calls with several participants .......... 278
Declining ............................................. 278
Ending a call ....................................... 278
Incoming call during an existing call .... 278
Making ................................................ 277

Camera
see 360° Camera
see Rear view camera

Car key
see SmartKey

Car wash
see Care
Car wash (care) ........................................ 326

Care .......................................................... 331
AIRPANEL ............................................. 329
Car wash ................................................ 329
Carpet ................................................... 331
Display ................................................... 331
EASY-PACK trunk box ......................... 331
Exhaust pipes .......................................... 329
Exterior lighting ....................................... 329
Genuine wood/trim elements ............. 331
Matt finish ............................................. 328
Paintwork ............................................. 328
Plastic trim ............................................ 331
Power washer ......................................... 327
Rear view camera/360° Camera .......... 329
Roof lining ............................................ 331
Seat belts ............................................. 331
Seat cover ............................................. 331
Sensors ................................................ 329
Washing by hand ................................... 327
Wheels/rims .......................................... 329
Windows .............................................. 329
Wiper blades ........................................ 329

Carpet (Care) ......................................... 331
Change of address .................................. 21
Change of ownership .............................. 21

Changing a wheel
Lowering the vehicle ........................... 382
Mounting a new wheel ......................... 381
Preparation ........................................ 378
Raising the vehicle .............................. 379
Removing a wheel ............................... 381
Removing/installing hub caps ............. 378

Changing hub caps ................................ 378

Channel list
Calling up ............................................. 310

Character entry
Function/notes ....................................... 236
On the touchpad ................................... 237
Using the controller .............................. 236

Charging
Battery (vehicle) ................................. 342
Mobile phone (wireless) ...................... 110
USB port ............................................. 110

Chassis level (AIR BODY CONTROL)
Setting ............................................... 178

Child safety lock
Rear door ............................................ 54
Rear side windows .............................. 55
Setting .............................................. 243
Child seat
Front passenger seat (notes) ................. 53
Front passenger seat (rearward-facing/forward-facing) ...................... 53
LATCH-type (ISOFIX) (installing) .................... 51
LATCH-type (ISOFIX) (notes) ...................... 49
Notes ........................................ 46
Top Tether ........................................ 52
Child seat safety feature ...................... 49
Children
Child seat safety feature ................. 49
Restraint systems ............................ 46
Cigarette lighter
Front center console ....................... 107
Cleaning
see Care
Climate control ................................. 127
3-zone automatic climate control panel ............................................. 127
Activating/deactivating ............................................. 128
Activating/deactivating the A/C function (control panel) .................. 128
Activating/deactivating the A/C function (multimedia system) ........... 128
Activating/deactivating the synchronization function (control panel) .... 129
Activating/deactivating the synchronization function (multimedia system) ........... 130
Adjusting the climate style settings ............................................. 129
Air distribution settings ................................................ 129
Air-recirculation mode ........................................ 130
Automatic control ........................................ 128
Climate style function ........................................ 129
Defrosting the windows ............................................... 130
Defrosts the windshield ........................................ 127
Dual-zone automatic climate control panel ................................... 127
Filling capacity for PAG oil ............................................... 394
Front air vents ........................................... 132
Glove box air vent ........................................ 133
Inserting/removing the flacon (fragrance system) ......................... 131
Ionization ........................................ 130
Rear air vents ........................................ 133
Rear operating unit ........................................ 127
Refrigerant ........................................... 393
Refrigerant filling capacity ........................................ 394
Residual heat ........................................ 130
Sets the airflow .................................... 127
Setting the air distribution ........................................... 127
Setting the fragrance system ........................................ 130
Setting the temperature ........................................ 127
Switching the rear window heater on/off .................................... 127
Ventilating the vehicle (convenience opening) .............................. 74
Windshield heater ........................................ 132
Climate style
Function ........................................ 129
Setting ........................................ 129
Cockpit ........................................ 6
Overview ........................................ 6
COMAND
see Multimedia system
COMAND Touch
Managing devices ........................................ 242
Combination switch
see Turn signals
Compass ........................................ 272
Computer
On-board computer ........................................ 204
Connection status
Displaying ............................................ 292
Overview ............................................ 292
Contacts ............................................. 278
Calling up ........................................... 279
Deleting ............................................... 280
Downloading (from mobile phone) ........ 278
Importing ............................................ 280
Information ........................................... 278
Making a call ........................................ 280
Name format ........................................ 279
Options ................................................ 280
Storing ................................................ 280
Controller ............................................. 230
Operating ............................................. 230
Convenience closing feature ............. 74
Convenience opening ....................... 74
Coolant (engine)
Filling capacity ..................................... 393
Level check .......................................... 324
Notes .................................................. 392
Cooling see Climate control
Copyright
Licenses ................................................ 29
Trademarks .......................................... 30
Cornering light function ..................... 116
Cover ..................................................... 71
Cross Traffic Alert ................................. 193
Crosswind Assist
Function/notes ...................................... 159
Cruise control ....................................... 164
Activating ............................................ 165
Calling up a speed ............................... 165
Deactivating ........................................ 165
Function .............................................. 164
Lever .................................................... 165
Prerequisites ....................................... 165
Selecting ............................................. 165
Setting a speed ..................................... 165
Storing a speed ..................................... 165
System limitations ............................... 164
Cup holder
Rear passenger compartment ............ 106
Cup holder in the center console
Installing/removing (automatic
transmission) ......................................... 105
Customer Assistance Center (CAC) .... 25
Customer Relations Department ......... 25
D
Dashboard see Cockpit
Dashboard lighting see Instrument lighting
Data acquisition
Vehicle .................................................. 26
Data import/export
Function/notes ...................................... 243
Importing/exporting .............................. 244
Date
Setting the time and date automati-
cally ..................................................... 238
Daytime running lights ....................... 118
Activating/deactivating ....................... 118
Daytime running lights mode
see Daytime running lights
Index 465
### Deactivating the alarm (ATA)
- Page 82

### Declaration of conformity
- Wireless vehicle components 23
- Page 23

### Definitions (tires and loading)
- Page 371

### Designs
- Menu (on-board computer) 214
- Page 214

### Destination
- Page 263
- Editing intermediate destinations 254
- Editing the previous destinations 263
- External 264
- Saving (current vehicle position) 263
- Saving as global favorite 263
- Storing a map position 263
- Using intelligent destination suggestions 264

### Destination entry
- Page 252
- Enter geo-coordinates 254
- Entering a POI or address 250
- Entering an intermediate destination 253
- Selecting a contact 254
- Selecting a POI 252
- Selecting from the map 255
- Selecting previous destinations 252

### Detecting inattentiveness
- See ATTENTION ASSIST

### Diagnostics connection
- Page 24

### Digital Operator’s Manual
- Page 18

### Digital speedometer
- Page 208

### DIRECT SELECT lever
- Page 143
- Engaging drive position 145
- Engaging park position automatically 144
- Engaging reverse gear 144
- Function 143
- Selecting park position 144
- Shifting to neutral 144

### Display
- Page 331
- Care

### Display (multimedia system)
- Page 229
- Notes
- Settings

### Display (on-board computer)
- Page 206
- Displays in the multifunction display
- Display content
- (Additional value range)
- Display message
- Calling up (on-board computer)

### Display messages
- Page 396
- Notes

#### Active Blind Spot Assist Currently
- Page 418
- Active Blind Spot Assist Inoperative
- Page 418
- Active Blind Spot Asst. Not Available
- Page 418
- When Towing a Trailer See Operator’s Manual
- Page 418

#### Active Brake Assist Functions Currently Limited
- Page 408
- Active Brake Assist Functions Limited See Operator’s Manual
- Page 409
- Active Distance Assist Currently
- Page 420
- Unavailable See Operator’s Manual
- Page 420
<table>
<thead>
<tr>
<th>Issue</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Distance Assist Inoperative</td>
<td>420</td>
</tr>
<tr>
<td>Active Distance Assist Now Available</td>
<td>420</td>
</tr>
<tr>
<td>Active Headlamps Inoperative</td>
<td>438</td>
</tr>
<tr>
<td>Active Hood Malfunction See Operator’s Manual</td>
<td>436</td>
</tr>
<tr>
<td>Active Lane Keeping Assist Camera View Restricted See Operator’s Manual</td>
<td>417</td>
</tr>
<tr>
<td>Active Lane Keeping Assist Currently Unavailable See Operator’s Manual</td>
<td>416</td>
</tr>
<tr>
<td>Active Lane Keeping Assist Inoperative</td>
<td>416</td>
</tr>
<tr>
<td>Active Parking Assist and PARKTRONIC Inoperative See Operator’s Manual</td>
<td>419</td>
</tr>
<tr>
<td>Active Steering Assist Currently Unavailable See Operator’s Manual</td>
<td>420</td>
</tr>
<tr>
<td>Active Steering Assist Inoperative</td>
<td>421</td>
</tr>
<tr>
<td>Adaptive Highbeam Assist Camera View Restricted See Operator’s Manual</td>
<td>440</td>
</tr>
<tr>
<td>Adaptive Highbeam Assist Currently Unavailable See Operator’s Manual</td>
<td>439</td>
</tr>
<tr>
<td>Adaptive Highbeam Assist Inoperative</td>
<td>439</td>
</tr>
<tr>
<td>Air Conditioning Malfunction See Operator’s Manual</td>
<td>433</td>
</tr>
<tr>
<td>Apply Brake to Shift from ‘P’</td>
<td>431</td>
</tr>
<tr>
<td>ATTENTION ASSIST Inoperative</td>
<td>414</td>
</tr>
<tr>
<td>ATTENTION ASSIST: Take a Break!</td>
<td>414</td>
</tr>
<tr>
<td>Auto Lamp Function Inoperative</td>
<td>439</td>
</tr>
<tr>
<td>Auxiliary Battery Malfunction</td>
<td>433</td>
</tr>
<tr>
<td>Blind Spot Assist Currently Unavailable See Operator’s Manual</td>
<td>417</td>
</tr>
<tr>
<td>Blind Spot Assist Inoperative</td>
<td>418</td>
</tr>
<tr>
<td>Blind Spot Assist Not Available When Towing a Trailer See Operator’s Manual</td>
<td>418</td>
</tr>
<tr>
<td>Check Brake Fluid Level</td>
<td>418</td>
</tr>
<tr>
<td>Check Coolant Level See Operator’s Manual</td>
<td>422</td>
</tr>
<tr>
<td>Check Engine Oil At Next Refueling</td>
<td>425</td>
</tr>
<tr>
<td>Check Left Low Beam (Example)</td>
<td>438</td>
</tr>
<tr>
<td>Check Tires</td>
<td>426</td>
</tr>
<tr>
<td>Check Washer Fluid</td>
<td>437</td>
</tr>
<tr>
<td>Coolant Too Hot Stop Vehicle</td>
<td>422</td>
</tr>
<tr>
<td>Turn Engine Off</td>
<td>422</td>
</tr>
<tr>
<td>Cruise Control Canceled</td>
<td>421</td>
</tr>
<tr>
<td>Cruise Control Inoperative</td>
<td>421</td>
</tr>
<tr>
<td>Currently Unavailable See Operator’s Manual</td>
<td>398</td>
</tr>
<tr>
<td>Currently Unavailable See Operator’s Manual</td>
<td>399</td>
</tr>
</tbody>
</table>
Start Engine See Operator’s Manual ................................................ 423
Steering Malfunction Drive Carefully Service Required .......................... 434
Steering Malfunction Increased Physical Effort See Operator’s Manual ....................................................... 435
Steering Malfunction Stop Immediately See Operator’s Manual ... 435
Stop Vehicle Leave Engine Running Wait Transmission Cooling .................. 433
Stop Vehicle Leave Engine Running ..................................................... 424
Stop Vehicle See Operator’s Manual ................................................ 424
Stop Vehicle Vehicle Too Low ..... 415
Switch Off Lights ......................... 439
Switch On Headlamps ..................... 439
Tire Press. Monitor Currently Unavailable ........................................ 427
Tire Press. Monitor Inoperative ............ 428
Tire Pressure Monitor Inoperative No Wheel Sensors ............................. 428
Tires Overheated ................................................................. 428
Tires Overheated Decrease Speed ...... 429
To Deselect P or N, Depress Brake and Start Engine .......................... 431
To Engage Transmiss. Position R First Depress the Brake .......................... 434
Traffic Sign Assist Camera View Restricted See Operator’s Manual ..... 419
Traffic Sign Assist Currently Unavailable See Operator’s Manual .......... 419
Traffic Sign Assist Inoperative .............................. 419
Transmission Malfunction Stop ........................................... 433
Turn On the Ignition to Release the Parking Brake .............................. 402
Vehicle Operational Switch the Ignition Off Before Exiting .................. 432
Vehicle Rising Please Wait ................................................. 415
Vehicle Rising .............................. 414
Warning Tire Malfunction .......... 427
Wheel Sensor(s) Missing .................. 428
Display on the windshield see Head-up Display
Distance control see Active Distance Assist DISTRONIC
Distance recorder see Trip distance
DISTRONIC see Active Distance Assist DISTRONIC
Door
Locking (mechanical key) .................. 65
Opening (from the inside) .............. 62
Unlocking (from the inside) .......... 62
Unlocking (mechanical key) .......... 65
Door control panel .......................... 14
DOT, Tire Identification Number (TIN) ... 367
Drinking and driving ................. 138
Drive Away Assist ......................... 192
Drive position
Selecting .......................................... 145
Drive program display ............................. 142
Drive programs see DYNAMIC SELECT
Driver’s seat see Seat
Driving lights see Automatic driving lights
Driving safety system ......................... 157
ABS (Anti-lock Brake System) .............. 158
Active Brake Assist ............................. 160
BAS (Brake Assist System) ................. 159
EBD (Electronic Brake force Distribu-

Operating (DYNAMIC SELECT switch)
Selecting the drive program ............... 142

DYNAMIC SELECT ......................... 142
Configuring drive program I 142
Displaying engine data 142
Displaying vehicle data 142
Drive program display 142
Drive programs 142
Function ...................................... 142

Drowsiness detection see ATTENTION ASSIST

Driving tips
Drinking and driving ....................... 138
General driving tips ......................... 138
Notes on breaking-in a new vehicle .... 137

EBD (Electronic Brake force Distribu-

Easy entry feature
Function/notes .............................. 95
Setting ........................................ 96

Easy exit feature
Function/notes .............................. 95
Setting ........................................ 96

EASY-PACK trunk box
Care ............................................. 331

ECO display
Function ...................................... 141
Resetting ..................................... 210

ECO start/stop function ..................... 140, 141
Automatic engine start ..................... 140
Automatic engine stop ..................... 140

see Active Parking Assist
see Active Speed Limit Assist
see Active Steering Assist
see AIR BODY CONTROL
see ATTENTION ASSIST
see Blind Spot Assist
see Cruise control
see Driving safety system
see HOLD function
see Parking Assist PARKTRONIC
see Rear view camera
see Traffic Sign Assist

see 360° Camera
see Active Blind Spot Assist
see Active Distance Assist DISTRONIC
see Active Lane Keeping Assist

see Easy entry feature
see Easy exit feature
see EASY-PACK trunk box
see ECO display
see ECO start/stop function
see Easy entry feature
see Easy exit feature
see EASY-PACK trunk box
see ECO display
see ECO start/stop function

470 Index
Calling up ........................................... 233
Deleting .............................................. 234
Moving ................................................ 234
Overview ............................................. 233
Renaming ............................................ 234

Flacon
Inserting/removing ........................................ 131

Flat tire ..................................................... 334
Changing a wheel ........................................ 378
MOExtended tires .................................... 335
Notes ..................................................... 334
TIREFIT kit ............................................ 336

Floor mats .................................................. 112

Fragrance
see Fragrance system

Fragrance system .......................................... 131
Inserting/removing the flacon .......................... 131

Free software ............................................. 29

Frequencies
Two-way radio .......................................... 385

Frequency band
Selecting (on-board computer) .................... 211

Front air bag (driver, front passenger) .... 38

Front passenger front air bag shutoff
see Automatic front passenger front air bag shutoff

Front passenger seat
Adjusting from the driver's seat ................. 87

Fuel
Additives ............................................. 390
E10 ..................................................... 389
Gasoline ............................................. 389
Quality (gasoline) .................................. 389
Refueling ............................................... 147
Reserve fuel level ..................................... 390
Sulfur content ......................................... 389
Tank capacity ......................................... 390

Fuel consumption
On-board computer .................................. 208

Function seat
see Door control panel

Fuse insert
see Fuses

Fuses
Assignment diagram ................................... 350
Dashboard fuse box .................................. 352
Fuse box in the engine compartment ........... 351
Fuse box in the front-passerger footwell .... 352
Fuse box in the trunk ................................ 353
Notes ..................................................... 350

Garage door opener
Clearing the memory ................................ 153
Opening/closing the garage door ............... 152
Programming buttons ............................... 150
Radio equipment approval numbers ........... 153
Resolving problems .................................. 152
Synchronizing the rolling code ................. 151

Gas station search
Starting an automatic gas station search ........ 253
Switching the automatic gas station search on/off ...................... 258

Gasoline ................................................... 389
Gearshift paddles
see Steering wheel paddle shifters

Gearshift recommendation .................................. 146

Genuine parts .................................................. 19

Genuine wood (Care) ........................................... 331

Glide mode ....................................................... 146

Glove box
Air vent ......................................................... 133
Locking/unlocking ........................................... 99

Handbrake
see Electric parking brake

Handling characteristics (unusual) ........ 354

HANDS-FREE ACCESS ........................................... 69

Hazard warning lights ........................................ 116

Head restraint .................................................... 88
Front (adjusting manually) ....................... 88
Front (luxury head restraint) .................... 89
Rear (adjusting) ................................................. 90
Rear (installing/removing) ......................... 90

Head-up Display ................................................. 213
Adjusting brightness (on-board computer) ........... 213
Adjusting display elements (on-board computer) .... 213
Function ............................................................ 214
Menu (on-board computer) .............................. 213
Setting the position (on-board computer) ............. 213
Switching on/off ................................................. 215
Using the memory function ......................... 96

Heating
see Climate control

High-beam flasher ............................................. 115

High-beam headlamps
Activating/deactivating ......................... 115
Adaptive Highbeam Assist ......................... 117

Hill start assist ............................................... 175

HOLD function ................................................. 175
Activating/deactivating ......................... 175
Function/notes ................................................. 175

Hood
Function (active hood) ......................... 320
Opening/closing ........................................... 320

Hotspot
Setting up (Wi-Fi) ........................................ 241

Hood
Function (active hood) ......................... 320
Opening/closing ........................................... 320

Immobilizer ..................................................... 81

Indicator lamp
see Warning/indicator lamps

Individual drive program
Configuring ............................................. 142
Selecting ..................................................... 142

Instrument cluster
see Instrument Display
see Warning/indicator lamps
Instrument Display ........................................ 203
  Adjusting the lighting ..................................... 207
  Function/notes ............................................. 203
  Overview ..................................................... 203
  Overview (standard) ...................................... 8
  Overview (Widescreen) .................................. 8
  Warning/indicator lamps .................................. 440

Instrument lighting ........................................ 207

Intelligent Light System .................................... 207
  Cornering light function .................................. 116

Interior lighting ............................................ 118
  Ambient lighting .......................................... 119
  Setting ....................................................... 118
  Switch-off delay time ..................................... 119

Interior lighting
  see Interior lighting
  see Lighting
  see Lights

Intermediate destination .................................. 254
  Calculating a route with intermediate destinations ................................. 254
  Editing ....................................................... 254
  Entering ..................................................... 253
  Starting an automatic gas station search ............................................. 253
  Starting the automatic service station search ...................................... 258

Internet ....................................................... 294
  Deleting a bookmark ....................................... 294
  Deleting browser data ..................................... 294
  Managing bookmarks ....................................... 294

Internet connection ........................................ 294
  Canceling permission ...................................... 291
  Connection status ........................................ 292
  Displaying the connection status ........................................ 292
  Editing access data ........................................ 291
  Establishing ............................................... 292
  Information ............................................... 289
  Mobile phone details ...................................... 292
  Restrictions ............................................... 289
  Setting access data ........................................ 290
  Setting up (Bluetooth®) ................................... 290
  Switching Bluetooth® profile (DUN/PAN) ........................................ 291
  Via Bluetooth® ............................................ 290
  Via Wi-Fi ..................................................... 289

Internet radio ................................................. 295
  Calling up ................................................... 295
  Deleting stations .......................................... 295
  Logging in .................................................... 296
  Logging out ................................................ 296
  Overview ................................................... 295
  Saving stations ............................................ 295
  Selecting and connecting to a station .............................................. 295
  Selecting stream ........................................... 296
  Setting options ............................................ 296
  Terms of use ................................................ 296

Ionization ....................................................... 130

iPhone®
  see Apple CarPlay™

J

Jack
  Storage location ............................................ 377

Jump-start connection ...................................... 342

Jump-starting
  see Jump-start connection
KEYLESS-GO
Locking the vehicle ................................ 62
Problem ................................................. 63
Unlocking setting .................................. 58
Unlocking the vehicle ............................ 62
Kickdown ................................................. 146
Using ................................................... 146
Knee air bag ............................................. 38

Labeling (tires)
see Tire labeling

Laden ................................................................ 102
Stowage space under the trunk floor .... 103
 Tie-down eyes ............................................. 102

Lamp (Instrument Display)
see Warning/indicator lamps

Lamps
see Interior lighting

Lane Keeping Assist
see Active Lane Keeping Assist

Language
Notes .................................................. 243
Setting .................................................. 243

LATCH-type (ISOFIX) child seat
attachment
Installing ................................................ 51
Notes ..................................................... 49

Level control system
see AIR BODY CONTROL

Light switch
Overview ................................................ 114

Lighting
see Lights

Lights
Adaptive Highbeam Assist ....................... 117
Adjusting the instrument lighting ........... 207
Automatic driving lights ....................... 115
Combination switch .............................. 115
Cornering light function ....................... 116
Hazard warning lights ......................... 116
High-beam flasher ................................. 115
High-beam headlamps ......................... 115
Light switch ............................................. 114

Limited Warranty
Vehicle .................................................. 26

Live Traffic Information
Displaying subscription information ... 265
Displaying the traffic map ...................... 265
Displaying traffic incidents .................... 266
Extending a subscription ....................... 265
Issuing hazard alerts .............................. 267

Load index (tires) ...................................... 369

Load-bearing capacity (tires) .................... 369

Loading
Definitions ............................................. 371
Notes ..................................................... 97
Roof rack ............................................... 104

Loading guidelines ................................ 97

Loading information table ...................... 361
Loads
Securing ................................................ 97

Locator lighting
Activating/deactivating .......................1 18

Locking/unlocking
KEYLESS-GO .......................................... 62
Unlocking and opening doors from the inside ..............................................6 2

Low beam
Switching on/off ........................................ 114

Lubricant additives
see Additives

Luggage
Luggage net ......................................... 103
Securing .............................................. 97

Lumbar support
see Lumbar support (4-way) ............. 88

Maintenance
Menu (on-board computer) .................. 207
Vehicle ................................................... 21

Automation
see ASSYST PLUS

Making a call via the overhead control panel
Mercedes-Benz mbrace® (USA) ........ 286

Malfunction
Restraint system ...................................... 32

Map .......................................................... 265, 267, 268
Avoiding an area ........................................ 270
Avoiding an area (overview) .............. 270
Changing an area ....................................... 270
Deleting an area ........................................ 271
Displaying the compass ...................... 272
Displaying the map version .................. 270
Displaying the next intersecting street ... 270
Displaying the satellite map ................. 272
Displaying the traffic map ................. 265
Displaying weather information .......... 272
Map data ................................................... 271
Moving ...................................................... 268
Overview .................................................. 267
Selecting POI symbols ......................... 269
Selecting text information .................. 269
Setting the map scale ......................... ...... 268
Setting the map scale automatically .... 272
Switching highway information on/off .............................................. 269
Updating .................................................. 271

Map and compass
Overview .................................................. 267

Massage program
Selecting the front seats .................. 91

Massage programs
Overview ............................................... 91

Massage settings
Resetting .................................................. 91

Matt finish (cleaning instructions) .... 328

Maximum load rating ......................... 368

Maximum permissible load
Calculation example ......................... 363
Determining ........................................... 362

Maximum tire pressure ...................... 368

Mechanical key
Inserting/removing ............................... 59
Locking a door ......................................... 65
Unlocking a door ...................................... 65

Setting the map scale automatically .... 272
Switching highway information on/off .............................................. 269
Updating .................................................. 271

Map and compass
Overview .................................................. 267

Massage program
Selecting the front seats .................. 91

Massage programs
Overview ............................................... 91

Massage settings
Resetting .................................................. 91

Matt finish (cleaning instructions) .... 328

Maximum load rating ......................... 368

Maximum permissible load
Calculation example ......................... 363
Determining ........................................... 362

Maximum tire pressure ...................... 368

Mechanical key
Inserting/removing ............................... 59
Locking a door ......................................... 65
Unlocking a door ...................................... 65
Media
Menu (on-board computer) .................. 212
Searching ............................................ 303
Media display
Notes ................................................. 229
Media Interface
Activating ............................................ 304
Information ............................................ 303
Overview ............................................. 305
Media mode
Activating ............................................ 298
Media playback
Operating (on-board computer) ........... 212
Media search
Starting ............................................. 303
Media source
Dialling (on-board computer) ............. 212
Memory function
Head-up display — Calling up saved settings ............................................... 96
Head-up Display — Saving settings ....... 96
Operating ............................................. 96
Outside mirror — Calling up saved settings ............................................... 96
Outside mirror — Saving settings ......... 96
Seat — Calling up saved settings ......... 96
Seat — Saving settings ......................... 96
Steering wheel — Calling up saved settings ............................................... 96
Steering wheel — Saving settings ......... 96
Menu (on-board computer)
Assistance graphic ............................. 208
Designs ................................................ 214
Maintenance ........................................ 207
Media ................................................... 212
Navigation ........................................... 210
Overview ............................................. 204
Radio ................................................... 211
Telephone ........................................... 212
Trip ..................................................... 208
Mercedes-AMG vehicles
Notes .................................................. 134
Mercedes-Benz Apps
Calling up ............................................. 292
Using voice control ............................. 292
Mercedes-Benz Center
see Qualified specialist workshop
Mercedes-Benz mbrace® (USA)
Emergency call system ....................... 287
Making a call via the overhead control panel .............................................. 286
MB Info call ......................................... 288
Roadside Assistance call ..................... 288
Transferred data ..................................... 288
Message (multifunction display)
see Display message
Message memory .................................... 396
Messages
see Text messages
Mirrors
see Outside mirrors
Mobile phone
Canceling permission for Internet connection .............................................. 291
Wireless charging .................................. 112
Mobile phone
see Android Auto
see Apple CarPlay™
see Telephone
Mobile phone voice recognition
Starting .............................................. 277
Stopping .............................................. 277

Model series ............................................ 386
MOExtended tires ................................... 335
Multifunction display (on-board computer) ............................................ 206
Multifunction steering wheel
Overview of buttons ................................... 204
Multifunction steering wheel
see Steering wheel

Multimedia system ................................. 229, 237
Activating/deactivating standby mode ............................................. 157
Adjusting the volume ................................... 235
Calling up lists and menus ................................... 233
Central control elements ................................... 229
Configuring display settings ................................... 237
Main functions ........................................... 232
Overview ............................................. 229
Rear climate control ................................... 129
Restoring the factory settings ................................... 248
Switching the sound on/off ................................... 234

Navigation
Calling up the Digital Operator’s Manual ............................................. 273
Menu (on-board computer) ................................... 210
Showing/hiding the menu ................................... 249
Switching on ........................................... 249
Updating the map data ................................... 271
Voice commands (Voice Control System) ............................................. 220

Navigation announcements
Activating/deactivating ................................... 261
Adjusting the volume ................................... 261
Repeating ............................................. 262
Switching audio fadeout on/off ................................... 261
Switching on/off during a phone call ................................... 261

Navigation messages
On-board computer ............................................. 210

Near Field Communication (NFC) ................................... 276
Connecting the mobile phone to the multimedia system ................................... 276
Information ............................................. 276
Switching Bluetooth® audio equipment ............................................. 308
Switching mobile phones ................................... 276

Neutral
Selecting ............................................. 144

NFC
see Near Field Communication (NFC)

Notes on breaking-in a new vehicle ........ 137

Occupant safety
Pets in the vehicle ............................................. 56

Occupant safety
see Air bag
see Automatic front-passenger front air bag deactivation system
see PRE-SAFE® (anticipatory occupant protection)
see PRE-SAFE® Impulse Side
see PRE-SAFE® PLUS (anticipatory occupant protection plus)
see Restraint system
see Seat belts

Odometer
see Total distance

Oil
see Engine oil

On-board computer

<table>
<thead>
<tr>
<th>Table of Contents</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistance graphic menu</td>
<td>208</td>
</tr>
<tr>
<td>Displaying the service due date</td>
<td>319</td>
</tr>
<tr>
<td>Media menu</td>
<td>212</td>
</tr>
<tr>
<td>Menu designs</td>
<td>214</td>
</tr>
<tr>
<td>Menus</td>
<td>204</td>
</tr>
<tr>
<td>Multifunction display</td>
<td>206</td>
</tr>
<tr>
<td>Navigation system menu</td>
<td>210</td>
</tr>
<tr>
<td>Operating</td>
<td>204</td>
</tr>
<tr>
<td>Radio menu</td>
<td>211</td>
</tr>
<tr>
<td>Service menu</td>
<td>207</td>
</tr>
<tr>
<td>Telephone menu</td>
<td>212</td>
</tr>
<tr>
<td>Trip menu</td>
<td>208</td>
</tr>
<tr>
<td>On-board diagnostics interface</td>
<td>see Diagnostics connection</td>
</tr>
<tr>
<td>Open-source software</td>
<td>29</td>
</tr>
<tr>
<td>Opening the trunk lid using your foot</td>
<td>HANDS-FREE ACCESS</td>
</tr>
<tr>
<td>Operating fluids</td>
<td></td>
</tr>
<tr>
<td>Additives (fuel)</td>
<td>390</td>
</tr>
<tr>
<td>Brake fluid</td>
<td>391</td>
</tr>
<tr>
<td>Coolant (engine)</td>
<td>392</td>
</tr>
<tr>
<td>Engine oil</td>
<td>390</td>
</tr>
<tr>
<td>Fuel (gasoline)</td>
<td>389</td>
</tr>
<tr>
<td>Notes</td>
<td>388</td>
</tr>
<tr>
<td>Refrigerant (air conditioning system)</td>
<td>393</td>
</tr>
<tr>
<td>Windshield washer fluid</td>
<td>393</td>
</tr>
<tr>
<td>Operating safety</td>
<td></td>
</tr>
<tr>
<td>Declaration of conformity (wireless vehicle components)</td>
<td>23</td>
</tr>
<tr>
<td>Information</td>
<td>22</td>
</tr>
<tr>
<td>Operating system</td>
<td>On-board computer</td>
</tr>
<tr>
<td>Operator's Manual</td>
<td>Vehicle equipment</td>
</tr>
<tr>
<td>Operator's Manual (digital)</td>
<td>18</td>
</tr>
<tr>
<td>Outside mirrors</td>
<td>122, 123</td>
</tr>
<tr>
<td>Anti-glare mode (automatic)</td>
<td>123</td>
</tr>
<tr>
<td>Automatic mirror folding function</td>
<td>124</td>
</tr>
<tr>
<td>Folding in/out</td>
<td>122</td>
</tr>
<tr>
<td>Parking position</td>
<td>123</td>
</tr>
<tr>
<td>Setting</td>
<td>122</td>
</tr>
<tr>
<td>Using the memory function</td>
<td>96</td>
</tr>
</tbody>
</table>

Overhead control panel | 12 |

Paint code | 386 |
Paintwork (cleaning instructions) | 328 |
Panic alarm | 58 |
Activating/deactivating | 58 |
Panoramic sliding sunroof | see Sliding sunroof |
Park position | Selecting | 144 |
| Selecting automatically | 144 |
Parking | 156 |
Parking | see Electric parking brake |
Parking aid
see Parking Assist PARKTRONIC

Parking Assist
Maneuvering assistance .................... 193

Parking Assist PARKTRONIC ................. 179
Adjusting warning tones .................... 182
Function ........................................ 179
Side impact protection ....................... 180
Switching off .................................... 181
Switching on ..................................... 181
System limitations ............................. 179

Parking assistance systems
see Active Parking Assist

Parking brake
see Electric parking brake

Parking lights .................................. 114

Parking position
Outside mirrors ............................... 123
Storing the position of the passenger outside mirror using reverse gear ........... 124

PASSenger AIR BAG status display
see Automatic front passenger front air bag shutoff

Payload
Calculation example ......................... 363
Determining the maximum .................. 362

Pedestrian protection
see Active hood (pedestrian protection)

Perfume
see Fragrance system

Perfume atomizer
Setting ........................................... 130

Perfume vial
see Fragrance system

Period out of use
Activating/deactivating standby mode ........ 157

Permitted towing methods ................. 345

Personalization
see User profile

Pets in the vehicle ......................... 56

Phone book
see Contacts

Picture formats
see Video mode

Picture settings
see Video mode

PIN protection
Activating/deactivating ...................... 244

Plastic trim (Care) ............................ 331

Playback options
Selecting ........................................ 300

POI symbols
Custom ........................................... 269

Power supply
Switching on (Start/Stop button) ........... 134

Power washer (care) ......................... 327

PRE-SAFE® (anticipatory occupant protection) .......................... 45
Function ........................................ 45
PRE-SAFE® Sound ............................ 45
Reversing the measures ..................... 45

PRE-SAFE® Impulse Side .................. 46
Activation ........................................ 32
Function ........................................ 46
Rear-view mirror
see Outside mirrors
Refrigerant (air conditioning system)
Notes ................................................. 393
Refueling
Refueling the vehicle ............................ 147
Remote Online
Cooling or heating the vehicle interior .......... 136
Starting the vehicle ............................... 136
Reporting malfunctions relevant to safety .......... 25
Rescue card ............................................. 26
Reserve
Fuel ...................................................... 390
Reset function (multimedia system) ............ 248
Residual heat ........................................... 130
Restoring (factory settings)
see Reset function (multimedia system)
Restraint system .................................... 31
Children ................................................. 46
Function in an accident ............................. 32
Functionality ........................................... 32
Malfunction .......................................... 32
Protection .............................................. 31
Reduced protection .................................. 31
System self-test ...................................... 32
Warning lamp ........................................ 32
Reverse gear
Selecting ............................................. 144
Roll away protection see HOLD function
Roller sunblind
Rear window ......................................... 72
Side windows ....................................... 71
Roller sunblind see Cover
Roadside Assistance ................................ 21
Roadside Assistance call
Mercedes-Benz mbrace® (USA) ............... 288
Route
Calculating .......................................... 256, 258
Displaying destination information .......... 256
External ............................................... 264
Selecting a type ................................ 256
Selecting an alternative route .................. 258
Selecting notifications ............................ 257
Selecting options ................................ 257
Starting the automatic service station search .......... 258
Switching the automatic gas station search on/off .......... 258
With intermediate destinations ............. 254
Route guidance ..................................... 259
Canceling ............................................ 262
Changing direction ................................ 259
Continuing ........................................... 262
Destination reached ............................. 260
From an off-road location ........................ 262
Lane recommendations ........................... 260
Notes .................................................... 259
Off-road ............................................... 263
To an off-road destination ...................... 262
Run-flat characteristics
MOExtended tires .................................. 335
Safety systems

see Driving safety system

Safety vest ............................................ 334

Satellite map ........................................ 272

Satellite radio

Activating/deactivating Tune Start ..... 315
Adding a channel to Smart Favorites ... 315
Deleting a channel ............................ 314
Displaying EPG information .......... 314
Displaying service information .......... 316
Information ........................................... 311
Information on smart favorites and Tune Start ............. 315
Logging in ........................................... 311
Moving a channel ................................ 314
Music and sport alerts function ........ 314
Overview ............................................ 313
Pause and playback function .......... 315
Restrictions ........................................ 311
Selecting a category ......................... 314
Selecting a channel ......................... 314
Setting music and sport alerts .......... 314
Setting the parental control .......... 314

Storing a channel ......................... 314
Switching on .................................... 312

SD card

Inserting/removing .......................... 298

Seat ........................................ 84, 100

4-way lumbar support ..................... 88
Adjusting (electrically) .............. 87
Adjusting (manually and electrically) .... 84
Adjusting (Seat Comfort) ............ 86
Backrest (rear) locking ................. 102
Correct driver’s seat position ......... 83
Folding backrest (rear) forwards ...... 100
Folding the backrest (rear) back ...... 101
Massage program overview .......... 91
Resetting the settings .................... 91
Selecting a massage program .......... 91
Setting automatic lateral support adjustment .......... 91
Setting options .......................... 14
Using the memory function ........... 96

Seat

see Head restraint

Seat adjustment

Configuring .................................... 90

Seat belt

Belt air bag ..................................... 36
Releasing ...................................... 37

Seat belt adjustment

Activating/deactivating .................... 38
Function ..................................... 36

Seat belt warning

see Seat belts

Seat belts ...................................... 33, 38

Activating/deactivating seat belt adjustment .......... 38
Adjusting the height ......................... 36
Care ........................................... 331
Fastening .................................... 36
Protection .................................... 33
Reduced protection .......................... 34
Seat belt adjustment (function) ...... 36
Warning lamp ................................ 38

Seat cover (Care) .............................. 331

Seat heating

Activating/deactivating .................... 92

Seat ventilation

Switching on/off ............................. 93
Selecting a gear
see Shifting gears

Selecting a POI
see Destination entry

Selector lever
see DIRECT SELECT lever

Sensors (Care) ........................................ 329

Service center
see Qualified specialist workshop

Service interval display
see ASSYST PLUS

Setting a speed
see Cruise control

Setting summer time .............................. 238

Setting the date format ......................... 239

Setting the distance unit ...................... 243

Setting the map scale
see Map

Setting the sound profile
Burmester® high-end 3D surround sound system ........................................ 318

Shifting gears ....................................... 145
Gearshift recommendation .................... 146
Manual ............................................. 145

Short messages
see Text messages

Side impact air bag ............................... 38

Side impact protection ......................... 180

Side windows ..................................... 72
Child safety lock in the rear passenger compartment ..................................... 55
Closing ............................................ 72
Closing using the SmartKey .................... 74
Convenience closing feature .................... 74
Convenience opening ........................... 74
Opening .......................................... 72
Opening with the SmartKey ..................... 74
Problem ......................................... 75
Roller sunblind ................................... 71

Size designation (tires) ....................... 369

Sliding sunroof .................................... 76
Automatic features .............................. 78
Closing ............................................ 76
Closing using the SmartKey ..................... 74
Opening .......................................... 76

SmartKey ........................................ 57
Battery ............................................ 59
Energy consumption ......................... 58
Features ......................................... 57
Key ring attachment ......................... 59
Mechanical key .................................. 59
Overview ....................................... 57
Panic alarm .................................... 58
Problem ......................................... 60
Unlocking setting .............................. 58

Smartphone
see Android Auto
see Apple CarPlay™
see Telephone

Snow chains ........................................ 355

Socket (12 V) ..................................... 107
Front center console ......................... 107
Front passenger footwell ..................... 108
Rear passenger compartment .......... 108
Trunk ............................................ 110
**Socket (115 V)** 109  
Rear passenger compartment 109

**Software update**  
Important system updates 247  
Information 246  
Performing 247

**Sound**  
PRE-SAFE® Sound 45  
Wheels and tires 354

**Sound**  
see Burmester® surround sound system  
see Sound settings

**Sound settings** 316  
Adjusting the balance/fader 316  
Adjusting treble, mid-range and bass settings 316  
Automatic volume adjustment 316  
Calls up the sound menu 316  
Information 316

**Speech dialog system**  
see Voice Control System

**Speed index (tires)** 369

<table>
<thead>
<tr>
<th>Feature</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speedometer</td>
<td>208</td>
</tr>
<tr>
<td>Standby mode</td>
<td>157</td>
</tr>
<tr>
<td>Activating/deactivating</td>
<td>157</td>
</tr>
<tr>
<td>Function</td>
<td></td>
</tr>
<tr>
<td>Standing lights</td>
<td>114</td>
</tr>
<tr>
<td>Start/Stop button</td>
<td>135</td>
</tr>
<tr>
<td>Starting the vehicle</td>
<td>149</td>
</tr>
<tr>
<td>Switching off the vehicle</td>
<td></td>
</tr>
<tr>
<td>Switching on the power supply or ignition</td>
<td>134</td>
</tr>
<tr>
<td>Start/stop function</td>
<td></td>
</tr>
<tr>
<td>see ECO start/stop function</td>
<td></td>
</tr>
<tr>
<td>Starting the engine</td>
<td></td>
</tr>
<tr>
<td>see Vehicle</td>
<td></td>
</tr>
<tr>
<td>Starting-off aid</td>
<td></td>
</tr>
<tr>
<td>see Hill start assist</td>
<td></td>
</tr>
<tr>
<td>Station</td>
<td>310</td>
</tr>
<tr>
<td>Deleting</td>
<td>310</td>
</tr>
<tr>
<td>Direct frequency entry</td>
<td>310</td>
</tr>
<tr>
<td>Moving</td>
<td>310</td>
</tr>
<tr>
<td>Searching</td>
<td>310</td>
</tr>
<tr>
<td>Setting</td>
<td>310</td>
</tr>
<tr>
<td>Storing</td>
<td></td>
</tr>
<tr>
<td>Station presets</td>
<td>310</td>
</tr>
<tr>
<td>Editing</td>
<td></td>
</tr>
<tr>
<td>STEER CONTROL</td>
<td>160</td>
</tr>
<tr>
<td>Function/notes</td>
<td></td>
</tr>
<tr>
<td>Steering wheel</td>
<td>204</td>
</tr>
<tr>
<td>Adjusting (electrically)</td>
<td>94</td>
</tr>
<tr>
<td>Adjusting (manually)</td>
<td>93</td>
</tr>
<tr>
<td>Buttons</td>
<td>204</td>
</tr>
<tr>
<td>Steering wheel heater</td>
<td>95</td>
</tr>
<tr>
<td>Using the memory function</td>
<td>96</td>
</tr>
<tr>
<td>Steering wheel paddle shifters</td>
<td>145</td>
</tr>
<tr>
<td>Stowage areas</td>
<td></td>
</tr>
<tr>
<td>see Laden</td>
<td></td>
</tr>
<tr>
<td>see Stowage compartment</td>
<td></td>
</tr>
<tr>
<td>Stowage compartment</td>
<td>98</td>
</tr>
<tr>
<td>Armrest</td>
<td>98</td>
</tr>
<tr>
<td>Center console</td>
<td>98</td>
</tr>
<tr>
<td>Door</td>
<td>98</td>
</tr>
<tr>
<td>Eyeglasses compartment</td>
<td>99</td>
</tr>
<tr>
<td>Glove box</td>
<td>98</td>
</tr>
</tbody>
</table>
Rear armrest ........................................ 99
Stowage compartments
see Laden
see Stowage compartment
Stowage space under the trunk floor .... 103
Sulfur content ................................. 389
Sun visor
 Operating ............................................ 125
Surround View
 see 360° Camera
Suspension
 Adjusting the chassis level (AIR
 BODY CONTROL) ................................. 178
Suspension
 see AIR BODY CONTROL
Switch-off delay time
 Exterior ................................................ 118
Interior ................................................. 119
Switching the surround sound on/off
 Burmester® surround sound system .... 317

Synchronization function
 Activating/deactivating (control
 panel) .................................................. 129
 Activating/deactivating (multimedia
 system) ................................................ 130
System self-test
 Automatic front passenger front air
 bag shutoff ........................................ 42
System settings
 Language ............................................ 243
 Notes on language selection .......... 243
 Reset function (multimedia system) .... 248
 Setting the distance unit ............... 243
 Software update ................................. 247
System settings
 see Multimedia system

Tank capacity
 Fuel ..................................................... 390
 Reserve (fuel) ..................................... 390
Technical data
 Information .......................................... 384
 Tire pressure monitoring system ...... 361
Vehicle identification plate ............... 386

Telephone ........................................ 212, 273
 Activating functions during a call .... 277
 Call and ringtone volume ............... 277
 Calls with several participants ......... 278
 Connecting a mobile phone (Near
 Field Communication (NFC)) .......... 276
 Connecting a mobile phone (Pass-
 key) ..................................................... 275
 Connecting a mobile phone (Secure
 Simple Pairing) ................................. 275
 Disconnecting a mobile phone ......... 276
 Importing contacts ......................... 279
 Incoming call during an existing call ... 278
 Information ........................................ 274
 Menu (on-board computer) ............ 212
 Mobile phone voice recognition ....... 277
 Notes .................................................. 274
 Operating modes ............................ 274
 Reception and transmission volume ... 277
 Switching mobile phones ............... 275
 Switching mobile phones (Near Field
 Communication (NFC)) .................. 276
 Telephone menu overview .............. 273
 Telephone operation ....................... 277

T
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Using Near Field Communication (NFC)</td>
<td>276</td>
</tr>
<tr>
<td>Voice commands (Voice Control System)</td>
<td>222</td>
</tr>
<tr>
<td>Wireless charging (mobile phone)</td>
<td>112</td>
</tr>
<tr>
<td>Telephone number</td>
<td></td>
</tr>
<tr>
<td>Dialing (on-board computer)</td>
<td>212</td>
</tr>
<tr>
<td>Telephony operating modes</td>
<td></td>
</tr>
<tr>
<td>Bluetooth® Telephony</td>
<td>274</td>
</tr>
<tr>
<td>Temperature</td>
<td>127</td>
</tr>
<tr>
<td>Temperature grade</td>
<td>366</td>
</tr>
<tr>
<td>Text messages</td>
<td></td>
</tr>
<tr>
<td>calling a message sender</td>
<td>282</td>
</tr>
<tr>
<td>Changing folders</td>
<td>283</td>
</tr>
<tr>
<td>Composing</td>
<td>282</td>
</tr>
<tr>
<td>Configuring the displayed text messages</td>
<td>281</td>
</tr>
<tr>
<td>Deleting</td>
<td>283</td>
</tr>
<tr>
<td>Drafts</td>
<td>283</td>
</tr>
<tr>
<td>Notes</td>
<td>281</td>
</tr>
<tr>
<td>Options</td>
<td>283</td>
</tr>
<tr>
<td>Outbox</td>
<td>283</td>
</tr>
<tr>
<td>Read-aloud function</td>
<td>282</td>
</tr>
<tr>
<td>Reading</td>
<td>282</td>
</tr>
<tr>
<td>Replying</td>
<td>282</td>
</tr>
<tr>
<td>Sending</td>
<td>282</td>
</tr>
<tr>
<td>Through-loading feature</td>
<td></td>
</tr>
<tr>
<td>see Seat</td>
<td></td>
</tr>
<tr>
<td>Tie-down eyes</td>
<td>102</td>
</tr>
<tr>
<td>Time</td>
<td></td>
</tr>
<tr>
<td>Manual time setting</td>
<td>239</td>
</tr>
<tr>
<td>Setting summer time</td>
<td>238</td>
</tr>
<tr>
<td>Setting the time and date automatically</td>
<td>238</td>
</tr>
<tr>
<td>Setting the time zone</td>
<td>238</td>
</tr>
<tr>
<td>Setting the time/date format</td>
<td>239</td>
</tr>
<tr>
<td>TIN (Tire Identification Number)</td>
<td>367</td>
</tr>
<tr>
<td>Tire and Loading Information placard</td>
<td>361</td>
</tr>
<tr>
<td>Tire characteristics</td>
<td>369</td>
</tr>
<tr>
<td>see TIREFIT kit</td>
<td></td>
</tr>
<tr>
<td>Tire information table</td>
<td>361</td>
</tr>
<tr>
<td>Tire labeling</td>
<td>366</td>
</tr>
<tr>
<td>Characteristics</td>
<td>369</td>
</tr>
<tr>
<td>DOT, Tire Identification Number (TIN)</td>
<td></td>
</tr>
<tr>
<td>Load index</td>
<td>367</td>
</tr>
<tr>
<td>Load-bearing capacity</td>
<td>369</td>
</tr>
<tr>
<td>Maximum tire load</td>
<td>368</td>
</tr>
<tr>
<td>Maximum tire pressure</td>
<td>368</td>
</tr>
<tr>
<td>Overview</td>
<td>366</td>
</tr>
<tr>
<td>Speed rating</td>
<td>369</td>
</tr>
<tr>
<td>Temperature grade</td>
<td>366</td>
</tr>
<tr>
<td>Tire Quality Grading</td>
<td>366</td>
</tr>
<tr>
<td>Tire size designation</td>
<td>369</td>
</tr>
<tr>
<td>Traction grade</td>
<td>366</td>
</tr>
<tr>
<td>Tread wear grade</td>
<td>366</td>
</tr>
<tr>
<td>Tire load (maximum)</td>
<td>368</td>
</tr>
<tr>
<td>Tire pressure</td>
<td>358</td>
</tr>
<tr>
<td>Checking (manually)</td>
<td>358</td>
</tr>
<tr>
<td>Checking (tire pressure monitoring system)</td>
<td>360</td>
</tr>
<tr>
<td>Maximum</td>
<td>368</td>
</tr>
<tr>
<td>Notes</td>
<td>356</td>
</tr>
<tr>
<td>Restarting the tire pressure monitoring system</td>
<td>361</td>
</tr>
<tr>
<td>Tire pressure monitoring system (function)</td>
<td>359</td>
</tr>
<tr>
<td>Tire pressure table</td>
<td>357</td>
</tr>
<tr>
<td>Topic</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>TIREFIT kit</td>
<td>336</td>
</tr>
<tr>
<td>Tire pressure monitoring system</td>
<td></td>
</tr>
<tr>
<td>Checking the tire pressures</td>
<td>360</td>
</tr>
<tr>
<td>Checking the tire temperature</td>
<td>360</td>
</tr>
<tr>
<td>Function</td>
<td>359</td>
</tr>
<tr>
<td>Restarting</td>
<td>361</td>
</tr>
<tr>
<td>Technical data</td>
<td>361</td>
</tr>
<tr>
<td>Tire pressure table</td>
<td>357</td>
</tr>
<tr>
<td>Tire Quality Grading</td>
<td>366</td>
</tr>
<tr>
<td>Tire pressure (function)</td>
<td></td>
</tr>
<tr>
<td>Tire pressure monitoring system</td>
<td></td>
</tr>
<tr>
<td>Temperature</td>
<td></td>
</tr>
<tr>
<td>Checking (tire pressure monitoring system)</td>
<td>360</td>
</tr>
<tr>
<td>Tire pressure monitoring system (function)</td>
<td>359</td>
</tr>
<tr>
<td>Tire tread</td>
<td>354</td>
</tr>
<tr>
<td>Tire-change tool kit</td>
<td>377</td>
</tr>
<tr>
<td>Overview</td>
<td></td>
</tr>
<tr>
<td>TIREFIT kit</td>
<td>336</td>
</tr>
<tr>
<td>Storage location</td>
<td>336</td>
</tr>
<tr>
<td>Using</td>
<td>336</td>
</tr>
<tr>
<td>Tires</td>
<td></td>
</tr>
<tr>
<td>Changing hub caps</td>
<td>378</td>
</tr>
<tr>
<td>Characteristics</td>
<td>369</td>
</tr>
<tr>
<td>Checking</td>
<td>354</td>
</tr>
<tr>
<td>Checking the tire pressure (manually)</td>
<td>358</td>
</tr>
<tr>
<td>Checking the tire pressure (tire pressure monitoring system)</td>
<td>360</td>
</tr>
<tr>
<td>Definitions</td>
<td>371</td>
</tr>
<tr>
<td>DOT, Tire Identification Number (TIN)</td>
<td>367</td>
</tr>
<tr>
<td>Flat tire</td>
<td>334</td>
</tr>
<tr>
<td>Installing</td>
<td>381</td>
</tr>
<tr>
<td>Load index</td>
<td>369</td>
</tr>
<tr>
<td>Load-bearing capacity</td>
<td>369</td>
</tr>
<tr>
<td>Maximum tire load</td>
<td>368</td>
</tr>
<tr>
<td>Maximum tire pressure</td>
<td>368</td>
</tr>
<tr>
<td>MOExtended tires</td>
<td>335</td>
</tr>
<tr>
<td>Noise</td>
<td>354</td>
</tr>
<tr>
<td>Notes on installing</td>
<td>374</td>
</tr>
<tr>
<td>Overview of tire labeling</td>
<td>366</td>
</tr>
<tr>
<td>Removing</td>
<td>381</td>
</tr>
<tr>
<td>Replacing</td>
<td>374, 378</td>
</tr>
<tr>
<td>Restarting the tire pressure monitoring system</td>
<td>361</td>
</tr>
<tr>
<td>Selection</td>
<td>374</td>
</tr>
<tr>
<td>Snow chains</td>
<td>355</td>
</tr>
<tr>
<td>Speed rating</td>
<td>369</td>
</tr>
<tr>
<td>Storing</td>
<td>377</td>
</tr>
<tr>
<td>Temperature grade</td>
<td>366</td>
</tr>
<tr>
<td>Tire and Loading Information placard</td>
<td>361</td>
</tr>
<tr>
<td>Tire pressure (Notes)</td>
<td>356</td>
</tr>
<tr>
<td>Tire pressure monitoring system (function)</td>
<td>359</td>
</tr>
<tr>
<td>Tire pressure table</td>
<td>357</td>
</tr>
<tr>
<td>Tire Quality Grading</td>
<td>366</td>
</tr>
<tr>
<td>Tire size designation</td>
<td>369</td>
</tr>
<tr>
<td>TIREFIT kit</td>
<td>336</td>
</tr>
<tr>
<td>Traction grade</td>
<td>366</td>
</tr>
<tr>
<td>Tread wear grade</td>
<td>366</td>
</tr>
<tr>
<td>Unusual handling characteristics</td>
<td>354</td>
</tr>
<tr>
<td>Tool</td>
<td></td>
</tr>
<tr>
<td>see Vehicle tool kit</td>
<td></td>
</tr>
<tr>
<td>Top Tether</td>
<td>52</td>
</tr>
<tr>
<td>Total distance</td>
<td>208</td>
</tr>
<tr>
<td>Displaying</td>
<td>208</td>
</tr>
<tr>
<td>Touch Control</td>
<td></td>
</tr>
<tr>
<td>On-board computer</td>
<td>204</td>
</tr>
<tr>
<td>Operating</td>
<td>230</td>
</tr>
<tr>
<td>Setting the sensitivity</td>
<td>230</td>
</tr>
<tr>
<td>Touchpad</td>
<td></td>
</tr>
<tr>
<td>Activating/deactivating</td>
<td>231</td>
</tr>
<tr>
<td>Topic</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Activating/deactivating haptic operation feedback</td>
<td>232</td>
</tr>
<tr>
<td>Operating</td>
<td>231</td>
</tr>
<tr>
<td>Reading the handwriting recognition aloud</td>
<td>232</td>
</tr>
<tr>
<td>Selecting a station and track</td>
<td>232</td>
</tr>
<tr>
<td>Setting the sensitivity</td>
<td>232</td>
</tr>
<tr>
<td>Tow-starting</td>
<td>350</td>
</tr>
<tr>
<td>Towing a trailer</td>
<td>198</td>
</tr>
<tr>
<td>ActiveBlindSpotAssist</td>
<td></td>
</tr>
<tr>
<td>Towing away</td>
<td>346</td>
</tr>
<tr>
<td>Towing eye</td>
<td>350</td>
</tr>
<tr>
<td>Installings</td>
<td>349</td>
</tr>
<tr>
<td>Storage location</td>
<td></td>
</tr>
<tr>
<td>Towing methods</td>
<td>345</td>
</tr>
<tr>
<td>Track</td>
<td>300</td>
</tr>
<tr>
<td>Selecting (audio mode)</td>
<td></td>
</tr>
<tr>
<td>Traction grade</td>
<td>366</td>
</tr>
<tr>
<td>Traffic information</td>
<td>265</td>
</tr>
<tr>
<td>Displaying the traffic map</td>
<td>265</td>
</tr>
<tr>
<td>Displaying traffic incidents</td>
<td>266</td>
</tr>
<tr>
<td>Issuing hazard alerts</td>
<td>267</td>
</tr>
<tr>
<td>Live Traffic Information</td>
<td>265</td>
</tr>
<tr>
<td>Traffic map</td>
<td>265</td>
</tr>
<tr>
<td>Traffic Sign Assist</td>
<td>195</td>
</tr>
<tr>
<td>Function/notes</td>
<td>195</td>
</tr>
<tr>
<td>Setting</td>
<td>196</td>
</tr>
<tr>
<td>System limitations</td>
<td>195</td>
</tr>
<tr>
<td>Transferred vehicle data</td>
<td>286</td>
</tr>
<tr>
<td>Android Auto</td>
<td></td>
</tr>
<tr>
<td>Apple CarPlay™</td>
<td>286</td>
</tr>
<tr>
<td>Transmission position display</td>
<td>143</td>
</tr>
<tr>
<td>Transporting</td>
<td>348</td>
</tr>
<tr>
<td>Vehicle</td>
<td></td>
</tr>
<tr>
<td>Tread wear grade</td>
<td>366</td>
</tr>
<tr>
<td>Trim element (Care)</td>
<td>331</td>
</tr>
<tr>
<td>Trip</td>
<td>208</td>
</tr>
<tr>
<td>Menu (on-board computer)</td>
<td>208</td>
</tr>
<tr>
<td>Transmission output (maximum)</td>
<td>385</td>
</tr>
<tr>
<td>Units of measurement</td>
<td>243</td>
</tr>
<tr>
<td>Trip odometer</td>
<td>210</td>
</tr>
<tr>
<td>see Trip distance</td>
<td></td>
</tr>
<tr>
<td>Trunk lid</td>
<td>71</td>
</tr>
<tr>
<td>Activating/deactivating the trunk lid</td>
<td></td>
</tr>
<tr>
<td>opening height restriction</td>
<td></td>
</tr>
<tr>
<td>Closing</td>
<td>66</td>
</tr>
<tr>
<td>Emergency release (from inside)</td>
<td>71</td>
</tr>
<tr>
<td>HANDS-FREE ACCESS</td>
<td>69</td>
</tr>
<tr>
<td>Locking separately</td>
<td>70</td>
</tr>
<tr>
<td>Opening</td>
<td>65</td>
</tr>
<tr>
<td>Opening dimensions</td>
<td>394</td>
</tr>
<tr>
<td>Turn signal indicator</td>
<td></td>
</tr>
<tr>
<td>see Turn signals</td>
<td></td>
</tr>
<tr>
<td>Turn signals</td>
<td>115</td>
</tr>
<tr>
<td>Activating/deactivating</td>
<td>115</td>
</tr>
<tr>
<td>Two-way radios</td>
<td>385</td>
</tr>
<tr>
<td>Frequencies</td>
<td></td>
</tr>
<tr>
<td>Notes on installation</td>
<td>384</td>
</tr>
<tr>
<td>Transmission output (maximum)</td>
<td>385</td>
</tr>
</tbody>
</table>

**Index 489**
Unlocking setting ........................................ 58
USB devices
Connecting ........................................... 300
USB port ............................................... 110
User profile ........................................... 245
Creating ................................................ 245
Importing/exporting ................................. 245
Options ................................................ 246
Selecting ............................................. 245
Using the telephone
see Calls

V
Vehicle ................................................. 135, 136
Activating/deactivating standby mode .......... 157
Correct use ........................................... 25
Data acquisition ..................................... 26
Diagnostics connection ....................... 24
Equipment .......................................... 20
Limited Warranty .................................. 26
Locking (automatically) ......................... 64
Locking (emergency key) ......................... 64
Locking (from the inside) ....................... 62
Locking (KEYLESS-GO) ......................... 62
Lowering ............................................. 382
Maintenance ......................................... 21
Parking ............................................... 156
Problem notification ............................... 25
QR code rescue card ............................... 26
Qualified specialist workshop ................. 25
Raising ............................................... 379
Starting (emergency operation mode) ........ 136
Starting (Remote Online) ....................... 136
Starting (start/stop button) .................... 135
Switching off (start/stop button) .......... 149
Unlocking (from the inside) ................. 62
Unlocking (KEYLESS-GO) ................. 62
Ventilating (convenience opening) .......... 74
Voice commands (Voice Control System) .... 227

Vehicle data
Displaying (DYNAMIC SELECT) .............. 142
Roof load .......................................... 395
Turning radius .................................... 394
Vehicle height .................................... 394
Vehicle length .................................... 394
Vehicle width ..................................... 394
Wheelbase ........................................... 394

Vehicle data storage
COMAND/mbrace ................................ 28
Electronic control units ....................... 26
Event data recorders ............................. 28
Service providers ................................ 28

Vehicle dimensions ................................ 394

Vehicle electronics
Notes ................................................... 384
Two-way radios .................................... 384

Vehicle identification number
see VIN

Vehicle identification plate
Paint code ........................................... 386
VIN ..................................................... 386

Vehicle identification plate
see Model series

Vehicle interior
Cooling or heating (Remote Online) ......... 136

Vehicle key
see SmartKey

Vehicle maintenance
see ASSYST PLUS
Vehicle operation
Outside the USA or Canada .......................... 21

Vehicle position
Transmitting ........................................... 239

Vehicle tool kit
TIREFIT kit .......................................... 336
Towing eye ........................................... 349

Ventilating
Convenience opening ............................... 74

Ventilation
see Climate control

Vents
see Air vents

Video mode ........................................... 303
Activating ........................................... 301
Activating/deactivating full-screen mode .......... 303
Overview ............................................ 302
Settings .............................................. 303

VIN .................................................. 386
Identification plate ................................ 386
Seat ................................................... 386
Windshield .......................................... 386

Visibility
Defrosting the windows ........................... 130
Windshield heater .................................. 132

Voice command types (Voice Control System) ........................................... 217
Voice Control System ................................ 216
Application specific voice commands ...... 217
Audible help functions ......................... 218
Entering numbers ................................ 218
Global voice commands ....................... 217
Improving speech quality ................. 218
Language setting ................................ 218
Media player voice commands .......... 224
Message voice commands .................. 226
Multifunction steering wheel (operating) ...... 216
Navigation voice commands ............ 220
Operable functions .............................. 217
Operating safety ................................ 216
Radio voice commands ...................... 223
Switch voice commands ...................... 218
Telephone voice controls .................. 222
Text message voice commands .......... 226
Types of voice commands ................. 217
Vehicle voice commands .................. 227

Voice prompting ................................ 217

Warning lamp
see Warning/indicator lamps

Warning system
see ATA (anti-theft alarm system)

Warning/indicator lamp
ABS warning lamp ................................ 445
Brake warning lamp (USA) .................. 443
Brakes warning lamp (Canada) ........ 443
Coolant warning lamp ......................... 454
Distance warning lamp ....................... 451
Electrical malfunction warning lamp .......... 452
Engine diagnosis warning lamp ............ 452
ESP® OFF warning lamp ..................... 447
ESP® warning lamp flashes ............... 445
ESP® warning lamp lights up .............. 446
Fuel reserve warning lamp ............... 452, 453

Warning/indicator lamps

Warning/indicator lamp types

Warning/indicator lamp colors

Warning/indicator lamp symbols

Warning/indicator lamp descriptions

Warning/indicator lamp functions

Warning/indicator lamp operations

Warning/indicator lamp maintenance

Index 491
Index

Power steering system warning lamp ................................................... 451
Red indicator lamp, electric parking brake applied (Canada only) ... 448
Red indicator lamp, electric parking brake applied (USA only) ....... 448
Restraint system warning lamp ... 449
Seat belt warning lamp flashes ... 450
Seat belt warning lamp lights up ........................................................ 450
Suspension warning lamp ........ 450
Tire pressure monitoring system warning lamp flashes ............... 457
Tire pressure monitoring system warning lamp lights up .......... 456
Yellow electric parking brake indicator lamp is malfunctioning .... 448
Warning/indicator lamps .............................................................. 8, 440
Instrument display (overview) ....................................................... 440
Overview ............................................................. 42

Warranty ............................................................................... 26
Washer fluid .............................................................................. 327
Washing by hand (care) ........................................................... 327
Weather information .................................................................... 272
Web browser
- Calling up a web page ................................................................. 293
- Calling up options ................................................................. 294
- Calling up the settings ............................................................ 294
- Deleting a bookmark .............................................................. 294
- Deleting browser data ............................................................ 294
- Ending ................................................................................. 294
- Managing bookmarks ............................................................. 294
- Overview .............................................................................. 293
- Showing/hiding the menu ....................................................... 293

Website
- Calling up .......................................................... 293
- Showing/hiding the web browser menu .................................... 293

Wheel chock .............................................................................. 377
Storage location ........................................................................ 377

Wheel chock
- see Wheel chock

Wheel rotation ............................................................................ 376

Wheels
- Care .............................................................. 329
- Changing hub caps ......................................................... 378
- Checking ..................................................................... 354
- Checking the tire pressure (manually) .................................. 358
- Checking the tire pressure (tire pressure monitoring system) ................................................... 360
- Definitions ...................................................................... 371
- DOT, Tire Identification Number (TIN) ................................ 367
- Fitting ........................................................................... 381
- Flat tire ........................................................................... 334
- Load index ........................................................................ 369
- Load-bearing capacity ....................................................... 369
- Maximum tire load ........................................................... 368
- Maximum tire pressure ..................................................... 368
- MOExtended tires ......................................................... 335
- Noise ........................................................................... 354
- Notes on installing ........................................................... 374
- Overview of tire labeling ................................................... 366
- Removing ....................................................................... 381
- Replacing ............................................................. 374, 378