



### Digital – in the vehicle

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### Vehicle document wallet

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



### Digital – on the Internet

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



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GLE



# GLE

Owner's Manual

Mercedes-Benz



Mercedes-Benz



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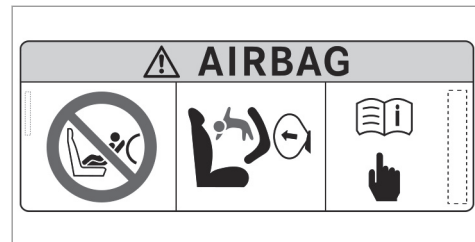


Apple® iOS



Android™

#### Front passenger airbag warning



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

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

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

Observe the chapter "Children in the vehicle".

#### Publication details

##### Internet

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

<http://www.mercedes-benz.com>

<http://www.daimler.com>

##### Documentation team

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## Driving and driving safety systems

### Driving systems and your responsibility

Your vehicle is equipped with driving systems which assist you in driving, parking and manoeuvring the vehicle. The driving systems are aids and do not relieve you of your responsibility pertaining to road traffic law. 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.

### Information about 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 Mercedes star. Keep these parts free of dirt, ice and slush (→ page 534). The sensors must not be covered, for example by cycle racks, overhanging loads, stickers, foil or foils to protect against stone chipping. In the

event of damage to the bumpers or radiator grille, or following a collision impacting the bumpers or radiator grille, have the function of the radar sensors checked at a qualified specialist workshop. The driving systems and driving safety systems may no longer function properly in such cases.

### 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 289)
- ABS (**A**nti-**l**ock **B**raking **S**ystem) (→ page 228)
- Active Distance Assist **DISTRONIC** (→ page 247)
- Adaptive Brake Lights (→ page 240)
- **AIRMATIC** (→ page 262)
- Active Brake Assist (→ page 234)
- Active Lane Keeping Assist (→ page 307)
- Start-off assist (→ page 261)
- **ATTENTION ASSIST** (→ page 299)
- **BAS (B**rake **A**ssist **S**ystem) (→ page 228)
- Hill Start Assist (→ page 260)
- **DSR (D**ownhill **S**peed **R**egulation) (→ page 245)
- **E-ACTIVE BODY CONTROL** (→ page 269)
- **EBD (E**lectronic **B**rakeforce **D**istribution) (→ page 234)
- **ESP® (E**lectronic **S**tability **P**rogram) (→ page 229)
- Off-road **ESP®** (→ page 232)
- **ESP® Crosswind Assist** (→ page 233)
- **ESP® trailer stabilisation** (→ page 233)
- Speed Limit Assist (→ page 300)
- Active Speed Limit Assist (→ page 251)
- **HOLD function** (→ page 260)
- **STEER CONTROL** (→ page 234)
- Active Steering Assist with rescue lane function (→ page 253)

- Limiter (→ page 241)
- Active Emergency Stop Assist (→ page 257)
- Active Parking Assist (→ page 293)
- Parking Assist PARKTRONIC (→ page 279)
- Reversing camera (→ page 286)
- Active Lane Change Assist (→ page 255)
- Active Traffic Jam Assist (→ page 257)
- Cruise control (→ page 240)
- Blind Spot Assist and Active Blind Spot Assist with exit warning (→ page 304)
- Traffic Sign Assist (→ page 302)

### Function of ABS (Anti-lock Braking System)


ABS regulates the brake pressure in critical driving situations:

- During braking, e.g. at full brake application or insufficient tyre traction, the wheels are prevented from locking.
- Vehicle steerability while braking is ensured.




If ABS intervenes when braking, you will feel a pulsing in the brake pedal. The pulsating brake

pedal can be an indication of hazardous road conditions and can serve as a reminder to take extra care while driving.

### System limitations

- ABS is active from speeds of approx. 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.

### Functions of Off-road ABS

 Off-road ABS is activated automatically when you select drive program  or .


Off-road ABS is specially adapted for driving off-road:

- The front wheels lock cyclically during braking.
- The braking distance is shortened due to the digging-in effect.


### System limits

- Off-road ABS functions at speeds below 40 km/h.
- If Off-road ABS intervenes, the ability to steer may be restricted.

### Function of BAS (Brake Assist System)

 **WARNING** Risk of an accident caused by a malfunction in BAS (Brake Assist System)

If BAS is malfunctioning, the braking distance in an emergency braking situation is increased.

 Depress the brake pedal with full force in emergency braking situations. ABS prevents the wheels from locking.

BAS supports your emergency braking situation with additional brake force.

If you depress the brake pedal quickly, BAS is activated:

- BAS automatically boosts the brake pressure.
- BAS can shorten the braking distance.
- ABS prevents the wheels from locking.

The brakes will function as usual once you release the brake pedal. BAS is deactivated.

### Functions of ESP® (Electronic Stability Program)

**⚠ WARNING** Risk of skidding if ESP® is malfunctioning

If ESP® is malfunctioning, ESP® cannot carry out vehicle stabilisation. In addition, other driving safety systems are switched off.

- ▶ Drive on carefully.
- ▶ Have ESP® checked at a qualified specialist workshop.

**⚠ WARNING** Risk of skidding if ESP® is deactivated

If you deactivate ESP®, ESP® cannot carry out vehicle stabilisation.


- ▶ ESP® should only be deactivated in the following situations.

ESP® can monitor and improve driving stability and traction in the following situations, within physical limits:


- When pulling away on wet or slippery carriageways.
- When braking.
- **Vehicles with trailer hitch:** in trailer operation from speeds of 65 km/h, if the vehicle/trailer combination begins to sway from side to side.
- In strong side winds when you are driving faster than 75 km/h.

If the vehicle deviates from the direction desired by the driver, ESP® can stabilise the vehicle by intervening in the following ways:

- One or more wheels are braked.
- The engine output is adapted according to the situation.

ESP® is deactivated if the  ESP® OFF warning lamp lights up continuously in the instrument cluster:


- Driving stability will no longer be improved.
  - **Vehicles with trailer hitch:** stabilisation of the vehicle/trailer combination is no longer active.
  - Crosswind Assist is no longer active.
  - The drive wheels could spin.
  - ETS/4ETS traction control is still active.
- i** When ESP® is deactivated, you are still assisted by ESP® when braking.


If the  ESP<sup>®</sup> warning lamp flashes in the instrument cluster, one or several vehicle wheels has reached its grip limit:

- Adapt your driving style to suit the current road and weather conditions.
- Do not deactivate ESP<sup>®</sup>.
- Only depress the accelerator pedal as far as is necessary when pulling away.

It can be advantageous to deactivate ESP<sup>®</sup> in the following situations to improve traction:

- When using snow chains.
- In deep snow.
- On sand or gravel.

 Spinning the wheels results in a cutting action, which enhances traction.



If the  ESP<sup>®</sup> warning lamp lights up continuously, ESP<sup>®</sup> is not available due to a malfunction.

Observe the following information:

- Warning and indicator lamps (→ page 661)
- Display messages

### ETS/4ETS (Electronic Traction System)

ETS/4ETS traction control is part of ESP<sup>®</sup> and makes it possible to pull away and accelerate on a slippery carriageway.

If you select the  or  drive program, a special ETS system specifically suited to off-road terrain is automatically activated.

ETS/4ETS can improve the vehicle's traction by intervening in the following ways:

- The drive wheels are braked individually if they spin.
- More drive torque is transferred to the wheel or wheels with traction.

### Influence of drive programs on ESP<sup>®</sup>



The drive programs enable ESP<sup>®</sup> to adapt to different weather and road conditions as well as the driver's preferred driving style. You can select the drive programs using the DYNAMIC SELECT switch (→ page 203).

## ESP® characteristics per drive program

Drive program	ESP® mode	Characteristics
<p><b>C</b> (Comfort)</p> <p><b>E</b> (Economy)</p> <p><b>Vehicles with E-ACTIVE BODY CONTROL:</b></p> <p><b>CV</b> (CURVE)</p>	ESP® Comfort	<p>These drive programs provide the ideal balance between traction and stability.</p> <p>Drive program <b>C</b> is the drive program recommended for all road conditions.</p> <p>Select drive program <b>C</b>, <b>CV</b> or <b>E</b> both in dry and particularly in difficult road conditions, such as snow or ice, or when the road is wet from rain.</p>
<b>S</b> (Sport)	ESP® Sport	<p>This drive program continues to offer stability but with a sporty setup which allows the enthusiastic driver a more active driving style.</p> <p>Select drive program <b>S</b> in good road conditions, for example on dry roads and clear stretches of road.</p>

Drive program	ESP® mode	Characteristics
 (Sport +)	ESP® Sport +	<p>The vehicle's own understeering and oversteering characteristics are accentuated. This allows a more active driving style to be adopted.</p> <p>Select drive program  in good road conditions, for example on dry roads and clear stretches of road.</p>
<p>Vehicles with Off-road package:</p> <p> (Off-road)</p> <p> (Off-road +)</p> <p>Vehicles without Off-road package:</p> <p> (Off-road)</p>	<p>Off-road ESP®</p> <p>Off-road + ESP®</p>	<p>These drive programs assist you when driving off-road.</p> <p>Select the  drive program for easily negotiable off-road terrain, e.g. dirt tracks, gravel or sandy surfaces.</p> <p>Select the  drive program for rough terrain, e.g. for steep and/or uneven terrain or for driving on rocky terrain.</p>

### Function of Off-road ESP®

Off-road ESP® is activated automatically when you select drive program  or . It intervenes later if there is oversteering or understeering, thus improving traction.




### Activating/deactivating ESP® (Electronic Stability Program) (vehicles without Off-road package)


Multimedia system:

→  >> Settings >> Quick access

- ❗ ESP® can only be activated/deactivated using quick access when at least one other function is available in quick access. ESP® can otherwise be found in the Assistance menu.

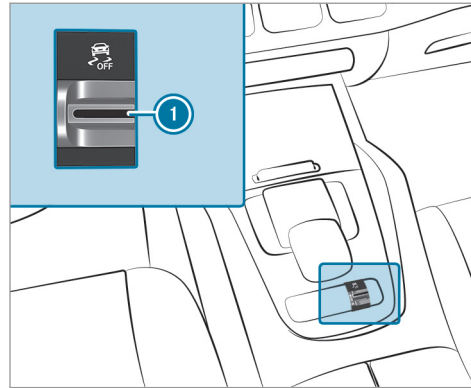
**Mercedes-AMG vehicles:** observe the notes in the Supplement. Otherwise, you may fail to recognise dangers.

- ▶ Select **ESP**.  
A prompt appears.
- ▶ Select **On** or  **Off**.


ESP® is deactivated if the  ESP® OFF warning lamp lights up continuously in the instrument cluster.

Observe the information on warning lamps and display messages which may be shown in the instrument cluster.

### Activating/deactivating ESP® (Electronic Stability Program) (vehicles with Off-road package or E-Active Body Control)



- ▶ Pull rocker switch ①.

ESP® is deactivated if the  ESP® OFF warning lamp lights up continuously in the instrument cluster.

Observe the information on warning lamps and display messages which may be shown in the instrument cluster.

### Function of ESP® Crosswind Assist

ESP® Crosswind Assist detects sudden gusts of side wind and helps the driver to keep the vehicle in the lane:

- ESP® Crosswind Assist is active at vehicle speeds between approx. 75 km/h and 200 km/h when driving straight ahead or cornering slightly.
- The vehicle is stabilised by means of individual brake application on one side.

### Function of ESP® trailer stabilisation

**⚠ WARNING** Risk of accident in poor road and weather conditions

In poor road and weather conditions, the trailer stabilisation cannot prevent lurching of the vehicle/trailer combination. Trailers with

a high centre of gravity may tip over before ESP® detects this.

- ▶ Always adapt your driving style to suit the current road and weather conditions.

When driving with a trailer, ESP® can stabilise your vehicle if the trailer begins to swerve from side to side:

- ESP® trailer stabilisation is active above speeds of 65 km/h.
- Slight swerving is reduced by means of a targeted, individual brake application on one side.
- In the event of severe swerving, the engine output is also reduced and all wheels are braked.

ESP® trailer stabilisation may be impaired or may not function if:

- The trailer is not connected correctly or is not detected properly by the vehicle.

### Function of EBD (Electronic Brake force Distribution)

EBD is characterised by the following:

- Monitoring and regulating the brake pressure on the rear wheels.
- Improved driving stability when braking, especially on bends.

### Function of STEER CONTROL

STEER CONTROL helps you by transmitting a noticeable steering force to the steering wheel in the direction required for vehicle stabilisation.

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 limits

STEER CONTROL may be impaired or may not function in the following situations:

- ESP® is deactivated.

- ESP® is malfunctioning.
- The steering is malfunctioning.


If ESP® is malfunctioning, you will be assisted further by the electric power steering.

### Function of Active Brake Assist

Active Brake Assist consists of the following functions:

- Distance warning function
- Autonomous braking function
- Situation-dependent braking assistance
- **Vehicles with Driving Assistance Package:** Evasive Steering Assist and cornering function

Active Brake Assist can help you to minimise the risk of a collision with vehicles, cyclists or pedestrians, or reduce the effects of such a collision.

If Active Brake Assist has detected a risk of collision, a warning tone sounds and the  dis-

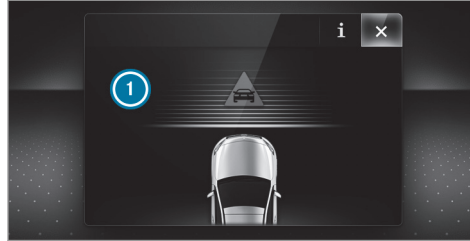
tance warning lamp lights up in the instrument cluster.

**Vehicles with PRE-SAFE®:** depending on the country, an additional a haptic warning occurs in the form of slight, repeated tensioning of the seat belt.

If you do not react to the warning, autonomous braking can be initiated in critical situations.

In especially critical situations, Active Brake Assist can initiate autonomous braking directly. In this case, the warning lamp and warning tone occur simultaneously with the braking application.

If you apply the brake yourself in a critical situation or apply the brake during autonomous braking, situation-dependent braking assistance occurs. The brake pressure increases up to maximum full-stop braking if necessary.



If autonomous braking or situation-dependent braking assistance has occurred, display ① appears in the multifunction display and then automatically goes out after a short time.

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.

**⚠ 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 limits of Active Brake Assist.

**The individual subfunctions are available in the following speed ranges:**

The distance warning function issues a warning in the following situations:

- From approximately 30 km/h, if over several seconds the distance maintained to the vehicle travelling in front is insufficient for the

driven speed, the  distance warning lamp lights up in the instrument cluster.

- From approximately 7 km/h, if your vehicle is critically close to a vehicle or pedestrian, you will hear an intermittent warning tone and the  distance warning lamp lights up in the instrument cluster.

**Vehicles with PRE-SAFE®:** depending on the country, an additional a haptic warning occurs in the form of slight, repeated tensioning of the seat belt.

Brake immediately or take evasive action, provided it is safe to do so and the traffic situation allows this.

**The distance warning function can aid you in the following situations with an intermittent warning tone and a warning lamp:**

	Vehicles travelling in front	Stationary vehicles	Crossing vehicles	Moving pedestrians	Stationary pedestrians	Crossing cyclists	Cyclists travelling in front	Stationary cyclists
Vehicles without Driving Assistance Package	Up to approx. 250 km/h	Up to approx. 80 km/h	No reaction	Up to approx. 80 km/h	No reaction	Up to approx. 60 km/h	Up to approx. 80 km/h	No reaction
Vehicles with Driving Assistance Package	Up to approx. 250 km/h	Up to approx. 100 km/h	Up to approx. 70 km/h	Up to approx. 80 km/h	Up to approx. 70 km/h	Up to approx. 70 km/h	Up to approx. 80 km/h	Up to approx. 70 km/h

The autonomous braking function may intervene at speeds starting from approximately 7 km/h in the following situations:

	Vehicles travelling in front	Stationary vehicles	Crossing vehicles	Moving pedestrians	Stationary pedestrians	Crossing cyclists	Cyclists travelling in front	Stationary cyclists
Vehicles without Driving Assistance Package	Up to approx. 200 km/h	Up to approx. 50 km/h	No reaction	Up to approx. 60 km/h	No reaction	Up to approx. 60 km/h	Up to approx. 80 km/h	No reaction
Vehicles with Driving Assistance Package	Up to approx. 250 km/h	Up to approx. 100 km/h	Up to approx. 70 km/h	Up to approx. 70 km/h	Up to approx. 70 km/h	Up to approx. 70 km/h	Up to approx. 80 km/h	Up to approx. 70 km/h

Situation-dependent braking assistance may intervene at speeds starting from approximately 7 km/h in the following situations:

	Vehicles travelling in front	Stationary vehicles	Crossing vehicles	Moving pedestrians	Stationary pedestrians	Crossing cyclists	Cyclists travelling in front	Stationary cyclists
Vehicles without Driving Assistance Package	Up to approx. 250 km/h	Up to approx. 80 km/h	No reaction	Up to approx. 60 km/h	No reaction	Up to approx. 60 km/h	Up to approx. 80 km/h	No reaction
Vehicles with Driving Assistance Package	Up to approx. 250 km/h	Up to approx. 100 km/h	Up to approx. 70 km/h	Up to approx. 70 km/h	Up to approx. 70 km/h	Up to approx. 70 km/h	Up to approx. 80 km/h	Up to approx. 70 km/h

### Cancelling a brake application of Active Brake Assist

You can cancel a brake application of Active Brake Assist at any time by:

- Fully depressing the accelerator pedal or with kickdown.
- Releasing the brake pedal.

Active Brake Assist may cancel the brake application when one of the following conditions is fulfilled:

- You manoeuvre to avoid the obstacle.
- There is no longer a risk of collision.
- An obstacle is no longer detected in front of your vehicle.

### Evasive Steering Assist (only vehicles with Driving Assistance Package)

Evasive Steering Assist has the following characteristics:

- The ability to detect stationary or moving pedestrians.
- Assistance through power-assisted steering if it detects a swerving manoeuvre.

- Activation by an abrupt steering movement during a swerving manoeuvre.
- Assistance during swerving and straightening of the vehicle.
- Reaction from a speed of approximately 20 km/h up to a speed of approximately 70 km/h.

You can prevent the assistance at any time by actively steering.

#### **Cornering function (only vehicles with Driving Assistance Package)**

If a danger of collision from an oncoming vehicle is detected when turning across an oncoming lane, autonomous braking can be initiated at speeds below 15 km/h before you have left the lane in which you are driving.

**⚠ WARNING** Risk of an accident despite Evasive Steering Assist

Evasive Steering Assist cannot always clearly identify objects and complex traffic situations.

In addition, the steering support of Evasive Steering Assist is generally not sufficient to avoid a collision.

In such cases Evasive Steering Assist can:

- give an unnecessary warning or provide assistance
  - not give a warning or not provide assistance
- ▶ 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.

#### **System limits**

Full system performance is not available for a few seconds after switching on the ignition or after driving off.

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.
- If the sensors are impaired due to interference from other radar sources, e.g. strong radar reflections in multi-storey car parks.
- If a loss of tyre pressure or a defective tyre has been detected and displayed.
- If DSR is activated.
- In complex traffic situations where objects cannot always be clearly identified.
- If pedestrians or vehicles move quickly into the sensor detection range.
- If pedestrians are hidden by other objects.

- If the typical outline of a pedestrian cannot be distinguished from the background.
- If a pedestrian is not detected as such, e.g. due to special clothing or other objects.
- On bends with a tight radius.

### Setting Active Brake Assist

#### Requirements:

- The ignition is switched on.

Multimedia system:


→  ▶ Settings ▶ Assistance  
▶ Active Brake Assist

The following settings are available:

- Early
- Medium
- Late

▶ Select a setting.  
The setting is retained when the engine is next started.



#### Deactivating Active Brake Assist

 It is recommended that you always leave Active Brake Assist activated.

▶ Select **Off**.

The distance warning function, the autonomous braking function and the Evasive Steering Assist are deactivated.

When the vehicle is next started, the middle setting is automatically selected.

 If Active Brake Assist is deactivated, the  symbol appears in the status bar of the multifunction display.

#### Function of Adaptive Brake Lights

Adaptive Brake Lights warn following traffic in an emergency braking situation with the following actions:

- By flashing the brake lamps
- By activating the hazard warning lights

If the vehicle is braked sharply from speeds above 50 km/h, the brake lamps flash rapidly.

This provides traffic travelling behind you with an even more noticeable warning.

If the vehicle is travelling at speeds of more than 70 km/h at the beginning of the brake application, the hazard warning lights switch on once the vehicle is stationary. When you pull away again, the hazard warning lights will switch off automatically at approximately 10 km/h. You can also switch off the hazard warning lights using the hazard warning button.

#### Cruise control and limiter

##### Function of cruise control

**Plug-in hybrid:** observe the notes in the Supplement. Otherwise, you may fail to recognise dangers.

Cruise control regulates the speed to the value selected by the driver.

If you accelerate to overtake, for example, the stored speed is not deleted. If you remove your foot from the accelerator pedal after overtaking, cruise control will resume speed regulation back to the stored speed.

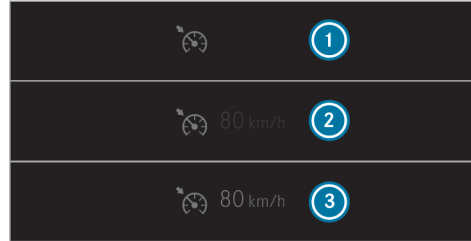


Cruise control is operated using the corresponding steering wheel buttons. You can store any speed above 20 km/h up to the maximum speed or up to the set winter tyre limit.

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. The driver is responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

#### Displays on the multifunction display

The status of cruise control and the stored speed are shown in the multifunction display.



- ① Cruise control is selected
- ② Speed is saved, cruise control is deactivated
- ③ Speed is saved, cruise control is activated
- ⓘ The segments extending from the current stored speed to the end of the scale, or to the set winter tyre limit, light up in the speedometer.

#### System limits

Cruise control may be unable to maintain the stored speed on uphill gradients. The stored speed is resumed when the gradient evens out.

Change into a lower gear in good time on long and steep downhill gradients. Take particular

note of this when driving a laden vehicle. By doing so, you will make use of the engine's braking effect. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly.

Do not use cruise control in the following situations:

- In traffic situations which require frequent changes of speed, e.g. in heavy traffic, on winding roads.
- On slippery roads. Accelerating can cause the drive wheels to lose traction and the vehicle could then skid.
- If you are driving when visibility is poor.

#### Function of the limiter

**Plug-in hybrid:** observe the notes in the Supplement. Otherwise, you may fail to recognise dangers.

The limiter restricts the speed of the vehicle. To reduce the speed to the set speed, the limiter applies the brakes automatically.

You can limit the speed as follows:

- Variable: for speed restrictions, e.g. in built-up areas.
- Permanent: for long-term speed restrictions, e.g. when driving in winter tyre mode.

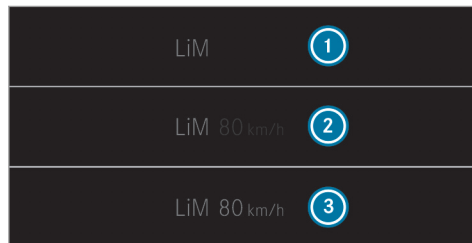
The variable limiter is operated using the corresponding steering wheel buttons. You can store any speed above 20 km/h up to the maximum speed or up to the set winter tyre limit. You can also perform settings while the vehicle is stationary if the vehicle has been started.

If you fail to adapt your driving style, the limiter can neither reduce the risk of an accident nor override the laws of physics. It cannot take into account road, weather or traffic conditions. The limiter is only an aid. The driver is responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

**Mercedes-AMG vehicles:** the limiter is available up to a maximum speed of 250 km/h.

### Displays on the multifunction display

The status of the limiter and the stored speed are shown in the multifunction display.



- ① Limiter is selected
  - ② Speed is stored, limiter is deactivated
  - ③ Speed is stored, limiter is activated
- i The segments in the speedometer light up, up to the currently stored speed.
  - i When the driving speed is greater than the stored speed, display ③ flashes.

### Kickdown

If you depress the accelerator pedal beyond the pressure point (kickdown), the variable limiter

switches to passive mode. The **Limiter passive** message appears in the multifunction display.

After completion of kickdown, the variable limiter is activated again in the following situations:

- If the driven speed drops below the stored speed.
- If the stored speed is called up.
- If you store a new speed.

### Operating cruise control or the variable limiter

**⚠ WARNING** Risk of accident due to stored speed

If you call up the stored speed and this is lower than your current speed, the vehicle decelerates.

▶ Take into account the traffic situation before calling up the stored speed.

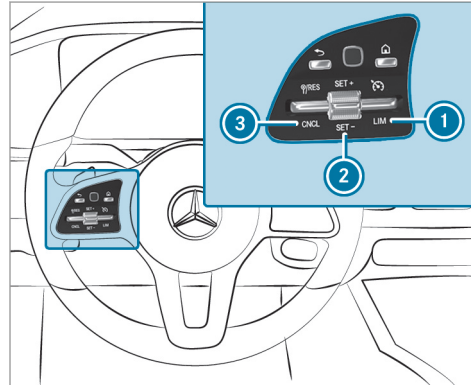
### Requirements:

**Cruise control**

- Cruise control is selected.
- ESP® must be activated, but not intervening.
- The driven speed is at least 20 km/h.
- The transmission is in position **D**.

**Variable limiter**

- The vehicle has been started.
- The variable limiter is selected.

**Switching between cruise control and the variable limiter**

▶ **To select cruise control:** press rocker switch **1** up.

▶ **To select the variable limiter:** press rocker switch **1** down.

- i** Vehicles with Active Distance Assist DISTRONIC: the variable limiter is selected by a different button (→ page 249).

**Activating cruise control or the variable limiter**

▶ Press rocker switch **2** up (SET+) or down (SET-).  
The current driven speed is stored and the vehicle maintains this speed (cruise control) or does not exceed it (limiter).

or

▶ Press rocker switch **3** up (RES).  
The last stored speed is called up and the vehicle maintains this speed (cruise control) or does not exceed it (limiter).

If the last stored speed has previously been deleted, the currently driven speed is stored.

- i** When you switch off the vehicle, the last speed stored is cleared.  
When you activate cruise control or Active Distance Assist DISTRONIC, the last speed stored for the variable limiter is cleared.

**Increasing/decreasing the stored speed**

▶ Press rocker switch ② up (SET+) or down (SET-) to the pressure point.  
The stored speed is increased or reduced by 1 km/h.

or

▶ Press and hold rocker switch ② up (SET+) or down (SET-) to the pressure point.  
The stored speed is increased or reduced in increments of 1 km/h.

or

▶ Press rocker switch ② up (SET+) or down (SET-) beyond the pressure point.  
The stored speed is increased or reduced by 10 km/h.

or

▶ Press and hold rocker switch ② up (SET+) or down (SET-) beyond the pressure point.  
The stored speed is increased or reduced in increments of 10 km/h.

or

▶ Accelerate the vehicle to the desired speed.

▶ Press rocker switch ② up (SET+).

**Adopting the detected speed**

If cruise control/variable limiter is activated and Speed Limit Assist or Traffic Sign Assist has detected a speed restriction sign with a maximum permissible speed and this is displayed in the instrument cluster, you can choose between the following options:

▶ Press rocker switch ③ up (RES).  
The maximum permissible speed shown by the traffic sign is stored and the vehicle maintains or does not exceed this speed.

▶ **To deactivate cruise control:**  
press rocker switch ③ down (CNCL).

▶ **To deactivate cruise control:** press rocker switch ① down.

**Deactivating cruise control or the variable limiter**


▶ Press rocker switch ③ down (CNCL).

① If you brake, deactivate ESP® or if ESP® intervenes, cruise control is deactivated. The variable limiter is not deactivated.

**Permanent limiter**

If the vehicle should never exceed a specific speed (e.g. for driving in winter tyre mode), you can set this speed with the permanent limiter.


You do this by limiting the speed to a value between 160 km/h and 240 km/h in the multimedia system (→ page 244).

Shortly before the set speed is reached, it appears in the multifunction display. When you confirm the message with , display messages no longer appear until you switch off the vehicle. The speed will only be displayed again once the vehicle has been restarted or if the set speed is changed.

The permanent limiter does not switch to passive mode even during kickdown and the driven speed remains below the set speed.

**Setting the speed limitation for winter tyres**

Multimedia system:

→  **▶ Settings ▶ Vehicle**  
**▶ Winter tyres limit**

▶ Select a speed or deactivate the function.

## DSR (Downhill Speed Regulation)

### Function of DSR (Downhill Speed Regulation)

DSR is an aid to assist you when driving downhill. It keeps the speed of travel at the selected target speed. The steeper the downhill gradient, the greater the DSR braking effect on the vehicle. On flat stretches of road and uphill gradients, the DSR brakes the vehicle minimally or not at all.

When DSR is activated and the transmission is in position **D**, **R** or **N**, DSR controls the driving speed. The target speed can be set to a value between 2 km/h and 18 km/h. By braking or accelerating, you can drive at a higher or lower speed than the target speed at any time.

DSR is deactivated automatically if you drive at speeds greater than 45 km/h. The **DSR** symbol appears in the multifunction display with the message **off**. The status indicator in the multifunction display disappears. You also hear a warning tone.

### Information on DSR

**⚠ WARNING** Risk of skidding and having an accident when DSR is activated on slippery road surfaces

If the speed driven and the target speed differ, and you activate DSR on a slippery road surface, the wheels may lose traction.

▶ Take into account the road surface and the difference between the driving speed and target speed before activating DSR.

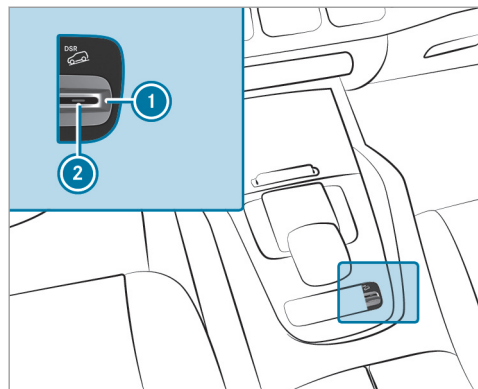
If you fail to adapt your driving style, DSR can neither reduce the risk of an accident nor override the laws of physics. It cannot take into account road, weather or traffic conditions. DSR is only an aid. You are responsible for maintaining a safe distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

You are always responsible for keeping control of the vehicle and for assessing whether the downhill gradient can be managed. Depending on road surface and tyres, DSR may not always be

able to keep to the target speed. Select a target speed suitable for the environmental conditions and also apply the brakes yourself if required.

### Activating/deactivating DSR (vehicles with Off-road package or E-Active Body Control) Requirements:

- You are driving at 40 km/h or slower.  
If the current vehicle speed is too high, the **Max. speed 40 km/h** message appears in the multifunction display.
- Active Distance Assist DISTRONIC is deactivated.



- ▶ **To activate:** pull rocker switch ①. Indicator lamp ② lights up. The **DSR** symbol will appear on the multifunction display.
- ▶ **To deactivate:** pull rocker switch ①. Indicator lamp ② and the **DSR** symbol go out.


### Activating/deactivating DSR (Downhill Speed Regulation) (vehicles without Off-road package)

#### Requirements:

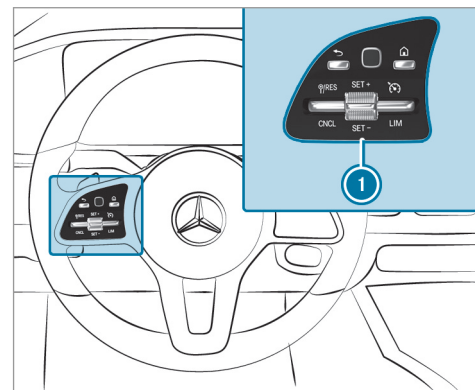
- You are driving at 40 km/h or slower. If the current vehicle speed is too high, the **Max. speed 40 km/h** message appears in the multifunction display.
- Active Distance Assist DISTRONIC is deactivated.

#### Multimedia system:

- ▶  **Settings**
- ▶ **Schnellzugriff** (Quick access)

- ▶  **DSR.** The **DSR** symbol appears in the multifunction display when the function is activated.

### Changing the target speed

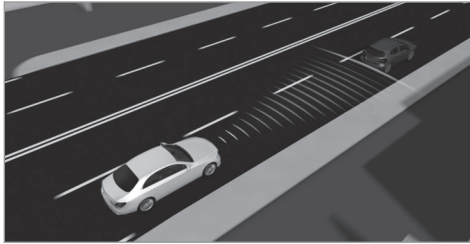


- ▶ **To increase or decrease the target speed:** press rocker switch ① up to the point of resistance for a higher target speed and down for a lower target speed. The selected target speed increases or decreases by 1 km/h and appears with the **DSR** symbol in the multifunction display.

- ❶ The target speed always adjusts in 1 km/h increments. This is regardless of whether you press the rocker switch to or beyond the point of resistance.

### Active Distance Assist DISTRONIC

#### Function of Active Distance Assist DISTRONIC



Active Distance Assist DISTRONIC maintains the set speed on free-flowing roads. If vehicles in front are detected, the set distance is maintained, if necessary, until the vehicle comes to a halt. The vehicle accelerates or brakes depending on the distance to the vehicle in front and

the set speed. The speed and distance to the vehicle in front are set and saved on the steering wheel on vehicles without the Driving Assistance Package, in the range between 20 km/h and 200 km/h and, on vehicles with the Driving Assistance Package, in the range between 20 km/h and 210 km/h.

The adjustable set speed can vary due to the following factors:

- **Plug-in hybrid:** drive program selected, observe the relevant notes in the Supplement.
- Maximum speed, e.g. winter tyre limit (→ page 244)

Other features of Active Distance Assist DISTRONIC:

- Adjusts the driving style depending on the selected drive program (fuel-saving, comfortable or dynamic) (→ page 202)
- **Vehicles with Driving Assistance Package:** reacts to stationary vehicles detected in urban speed ranges (except bicycles and motorcycles).

- Initiates acceleration to the stored speed if the turn signal indicator is switched on to change to the overtaking lane.
- **Vehicles with Driving Assistance Package:** takes one-sided overtaking restrictions into account on motorways or on multi-lane roads with separate carriageways (country-dependent).

#### Vehicles with Active Parking Assist and Driving Assistance Package:

if the vehicle has been braked to a standstill on multi-lane, separate carriageways by Active Distance Assist DISTRONIC, it can automatically follow the vehicle in front driving off again within 30 seconds. If a critical situation is detected when driving off, a visual and acoustic warning is given indicating that the driver must now take control of the vehicle. The vehicle is not accelerated any further.

Active Distance Assist DISTRONIC is only an aid. The driver is responsible for keeping a safe distance to the vehicle in front, for vehicle speed and for braking in good time.

### System limits

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 there is swirling dust, e.g. when driving off-road or on sandy surfaces.
- The windscreen in the area of the camera is dirty, misted up, damaged or covered.
- If the radar sensors are dirty or covered.
- In multi-storey car parks or on roads with steep uphill or downhill gradients.
- If there are narrow vehicles in front, such as bicycles or motorcycles.

In addition, on slippery roads, braking or accelerating can cause one or several wheels to lose traction and the vehicle could then skid.

Do not use Active Distance Assist DISTRONIC in these situations.

**⚠ WARNING** Risk of accident from acceleration or braking by Active Distance Assist DISTRONIC

Active Distance Assist DISTRONIC may accelerate or brake in the following cases, for example:

- If the vehicle pulls away using Active Distance Assist DISTRONIC.
  - If the stored speed is called up and is considerably faster or slower than the currently driven speed.
  - If Active Distance Assist DISTRONIC no longer detects a vehicle in front or does not react to relevant objects.
- ▶ Always carefully observe the traffic conditions and be ready to brake at all times.
- ▶ Take into account the traffic situation before calling up the stored speed.

**⚠ WARNING** Risk of accident due to insufficient deceleration by Active Distance Assist DISTRONIC

Active Distance Assist DISTRONIC brakes your vehicle with up to 50 % of the 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 if detection function of Active Distance Assist DISTRONIC is impaired

Active Distance Assist DISTRONIC does not react or has a limited reaction:

- when driving on a different lane or when changing lanes




- to pedestrians, animals, bicycles or stationary vehicles, or unexpected obstacles
- to complex traffic conditions
- to oncoming vehicles and crossing traffic

As a result, Active Distance Assist DISTRONIC may neither give warnings nor intervene in such situations.

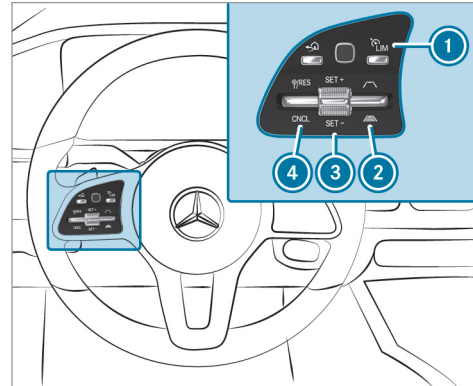
▶ Always observe the traffic conditions carefully and react accordingly.

### Operating Active Distance Assist DISTRONIC Requirements:

- The vehicle has been started.
- The electric parking brake is released.
- ESP® is activated and is not intervening.
- The transmission is in position **D**.
- All doors and the bonnet are closed.
- Check of the radar sensor system has been successfully completed.
- Parking Assist PARKTRONIC is not being used to park the vehicle or to exit from a parking space.

- DSR is deactivated.
- **Vehicles with Off-road package:** the drive program is deactivated. 
- The vehicle does not skid.

### Switching between Active Distance Assist DISTRONIC and the limiter



▶ Press button **1**.

### Activating the variable limiter or Active Distance Assist DISTRONIC

▶ **To activate without a stored speed:** press rocker switch **3** up (SET+) or down (SET-), or press rocker switch **4** up (RES). Remove your foot from the accelerator pedal (Active Distance Assist DISTRONIC). The current driven speed is stored and maintained (Active Distance Assist DISTRONIC) or limited (variable limiter) by the vehicle.

or

▶ **To activate with a stored speed:** press rocker switch **4** up (RES). Remove your foot from the accelerator pedal (Active Distance Assist DISTRONIC).

**i** By pressing rocker switch **4** up again, the speed limitation shown in the instrument cluster will be adopted by Active Distance Assist DISTRONIC or variable limiter.

### Accepting the displayed speed restriction when Distance Assist DISTRONIC or the limiter is activated

- ▶ Press rocker switch ④ up (RES). The speed limit displayed in the instrument cluster is adopted as the stored speed. The vehicle adapts its speed to that of the vehicle in front, but only up to the stored speed.

### Pulling away with Active Distance Assist DISTRONIC

- ▶ Remove your foot from the brake pedal and activate Active Distance Assist DISTRONIC.
- ▶ Press rocker switch ④ up (RES).

or

- ▶ Depress the accelerator pedal briefly and firmly. The functions of Active Distance Assist DISTRONIC continue to be carried out.

### Deactivating Active Distance Assist DISTRONIC

**⚠ WARNING** Risk of 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.

- ▶ Press rocker switch ④ down (CNCL).

ⓘ If you brake, deactivate ESP® or if ESP® intervenes, Active Distance Assist DISTRONIC is deactivated.

### Increasing or reducing the speed

- ▶ Press rocker switch ③ up (SET+) or down (SET-) to the pressure point. The stored speed is increased or reduced by 1 km/h.

or

- ▶ Press rocker switch ③ up (SET+) or down (SET-) to the pressure point and hold. The stored speed is increased or reduced in increments of 1 km/h.

or

- ▶ Press rocker switch ③ up (SET+) or down (SET-) beyond the pressure point. The stored speed is increased or reduced by 10 km/h.

or

- ▶ Press rocker switch ③ up (SET+) or down (SET-) and hold beyond the pressure point. The stored speed is increased or reduced in increments of 10 km/h.

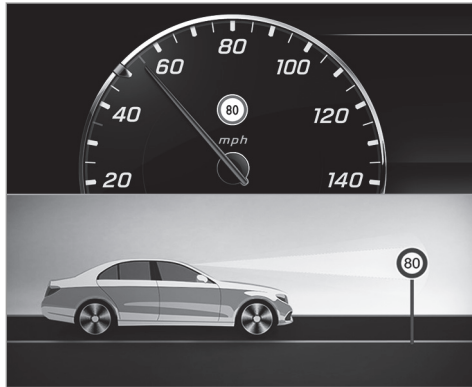
### Reducing or increasing the specified distance from the vehicle in front

- ▶ **To increase the specified distance:** press rocker switch ② down.

- ▶ **To reduce the specified distance:** press rocker switch ② up.

### Function of Active Speed Limit Assist

- i** The following function is country-dependent and only available in conjunction with the Driving Assistance Package.



If a change in the speed limit is detected and Active Distance Assist DISTRONIC is activated, Active Distance Assist DISTRONIC adapts this new speed as the stored speed.

The driven speed is adjusted when the vehicle is level with the traffic sign at the latest. In the case of signs indicating entry into an urban area, the speed is adapted according to the speed permitted within the urban area. The speed limit display in the Instrument Display is always updated when the vehicle is level with the traffic sign.

If there is no speed restriction on an unlimited stretch of road (e.g. on a motorway), the recommended speed is automatically adopted as the stored speed. The system uses the speed stored on an unlimited stretch of road as the recommended speed. If you do not alter the stored speed on an unlimited stretch of road, the recommended speed is 130 km/h.

If Active Distance Assist DISTRONIC has been put into passive mode by pressing the accelerator pedal, only speed limits which are higher than the set speed are adopted.

Active Speed Limit Assist is only an aid. The driver is responsible for keeping a safe distance to the vehicle in front, for vehicle speed and for braking in good time. The maximum permissible speed also depends on factors such as the road surface and traffic conditions.

### System limits

Temporary speed restrictions (e.g. for a certain time or due to weather conditions) cannot be properly detected by the system. The maximum permissible speed applying to a vehicle with a trailer is not detected by the system. In these situations you must adjust your speed yourself.

**⚠ WARNING** Risk of accident due to Active Speed Limit Assist adapting the vehicle's speed

The speed adopted by Active Speed Limit Assist may be too high or incorrect in some individual cases, such as:

- In the wet or in fog
  - When towing a trailer
- ▶ Ensure that the driven speed complies with traffic regulations.
- ▶ Adjust the driving speed to suit current traffic and weather conditions.

### Function of route-based speed adaptation

- ① The following function is country-dependent and only available in conjunction with the Driving Assistance Package.

When Active Distance Assist DISTRONIC is activated, the vehicle speed will be adjusted accordingly to the route events ahead. Depending on the drive program selected, the vehicle negotiates a route event ahead in a fuel-saving, comfortable or dynamic manner. When the route event has been passed, the vehicle accelerates again to the stored speed. The set distance to the vehicle in front, vehicles detected ahead and speed restrictions ahead are taken into account.

Route-based speed adjustment can be configured in the multimedia system (→ page 253).

The following route events are taken into account:

- Bends
- T-junctions, roundabouts and toll stations
- Turns and exits
- Traffic jams ahead (only with Live Traffic (→ page 431))

- ① When the toll station is reached, Active Distance Assist DISTRONIC adopts the speed as the stored speed.

Also, the speed is reduced if the turn signal indicator to change lanes is switched on and one of the following situations is detected:

- Turning off at junctions
- Driving on slowing-down lanes
- Driving on lanes adjacent to slowing-down lanes

The driver is responsible for choosing the right speed and observing other road users. This applies in particular to junctions, roundabouts and traffic lights, as route-based speed adaptation does not brake the vehicle to a standstill.

When route guidance is active, the first speed adjustment is carried out automatically. If the turn signal indicator is switched on, the selected route is confirmed and further speed adjustment is activated.

Speed adjustment is cancelled in the following cases:

- If the turn signal indicator is switched off before the route event.
- If the driver depresses the accelerator or brake pedal during the process.

### System limits

Route-based speed adaptation does not take right of way regulations into account. The driver is responsible for complying with road traffic regulations and driving at a suitable speed.

In difficult conditions (e.g. unclear roads, lane narrowing, wet road surfaces, snow or ice) or when driving with a trailer, the speed adjustment made by the system may not always be suitable. In these situations the driver must intervene accordingly.

**⚠ WARNING** Risk of accident in spite of route-based speed adjustment

Route-based speed adjustment might malfunction or be temporarily unavailable in the following situations:


- If the driver does not follow the calculated route
  - If map data is not up to date or available
  - In road construction areas
  - In bad weather or road conditions
  - If the accelerator pedal is depressed
  - In the event of electronically displayed speed limitations
- ▶ Adjust the speed to the traffic situation.

### Setting route-based speed adjustment

#### Requirements:

- Active Distance Assist DISTRONIC is activated.

Multimedia system:

→  » Settings » Assistance  
» Route-based speed adapt.

- ▶ Activate or deactivate the function. When the function is active, the vehicle speed is adjusted depending on the route events ahead.
- ⓘ Further information on the route-based speed adaptation (→ page 252).


### Active Steering Assist



#### Function of Active Steering Assist

- ⓘ The following function is country-dependent and only available in conjunction with the Driving Assistance Package.

Active Steering Assist is only available up to a speed of 210 km/h. The system helps you to stay in the centre of the lane by means of moderate steering interventions. Depending on the speed driven, Active Steering Assist uses the vehicles ahead and lane markings as a reference.

- ⓘ Depending on the country, in the lower speed range Active Steering Assist can use the surrounding traffic as a reference. If necessary, Active Steering Assist can then also provide assistance when driving outside the centre of the lane.

When the system is actively steering, the  symbol is shown in green in the multifunction display.

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 active to passive status, the  symbol is shown as enlarged and flashing. Once the system is passive, the  symbol is shown as grey in the multifunction display.

#### Steering and touch detection

The driver is required to keep their hands on the steering wheel at all times and be able to intervene at any time to correct the course of the vehicle and keep it in lane. The driver must expect a change from active to passive mode or vice versa at any time.



If the driver has not steered the vehicle for a considerable period of time or has removed their hands from the steering wheel, an optical warning is given first. Display ① appears in the multifunction display. If the driver still does not steer the vehicle, or gives no confirmation to the system, a warning tone sounds in addition to the visual warning message.

The warning is not issued, or is stopped, when the driver gives confirmation to the system:

- The driver steers the vehicle.
- The driver presses a steering wheel button or operates Touch Control.

If Active Steering Assist detects that a system limit has been reached, a visual and acoustic warning is issued.

Active Steering Assist is only an aid. The driver is responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane. Before changing lanes, the driver must make sure that the neighbouring lane is free (glance over the shoulder).

#### System limits

Active Steering Assist has a limited steering torque for lateral guidance. In some cases, the steering intervention is not sufficient to keep the vehicle in the lane or to drive through exits.

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

- There is poor visibility, e.g. due to snow, rain, fog, heavy spray, greatly varying light conditions or strong shadows on the carriageway.
- There is glare, e.g. from oncoming traffic, direct sunlight or reflections.
- Insufficient road illumination.

- The windscreen is dirty, misted up, damaged or covered in the vicinity of the camera, e.g. by a sticker.
- No, or several, unclear lane markings are present for one lane, or the markings change quickly, e.g. in a construction area or junctions.
- 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.
- The road is narrow and winding.
- There are obstacles on the lane or projecting out into the lane, such as object markers.

The system does not provide assistance in the following conditions:

- On tight bends and when turning.
- When crossing junctions.
- At roundabouts or toll stations.
- When towing a trailer.

- When actively changing lane without switching on the turn signal indicator.
- When the tyre pressure is too low.

Depending on the selected vehicle settings, Active Steering Assist may be unavailable. Observe the status display of Active Steering Assist in the multifunction display (→ page 258).

**⚠ WARNING** Risk of accident if Active Steering Assist unexpectedly stops functioning

If the system limitations of Active Steering Assist are reached there is no guarantee that the system will remain active or will keep the vehicle in lane.

- ▶ Always keep your hands on the steering wheel and observe the traffic carefully.
- ▶ Always steer the vehicle paying attention to traffic conditions.

**⚠ WARNING** Risk of accident if Active Steering Assist unexpectedly intervenes

A malfunction in the detection of lane markings and objects can occur.

This could cause unexpected steering intervention.

- ▶ Steer according to traffic conditions.

### Activating/deactivating Active Steering Assist

#### Requirements:

- ESP® is activated, but is not intervening.
- Active Distance Assist DISTRONIC is activated.

Multimedia system:

→  ▶ Settings ▶ Quick access

▶ Select  Act. Steer. Asst.

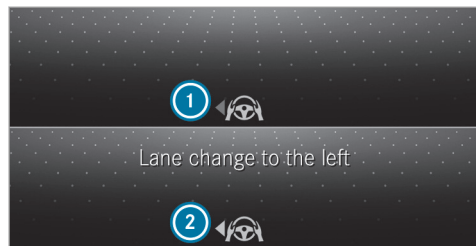
#### Function of Active Lane Change Assist

- ⓘ The following function is country-dependent and only available in conjunction with the Driving Assistance Package.

Active Lane Change Assist supports the driver when changing lanes by applying steering torque if the driver operates a turn signal indicator.

Assistance when changing lanes is provided if all the following conditions are met:

- You are driving on a motorway or road with multiple lanes in the direction of travel.
- The neighbouring lane is separated by a broken lane marking.
- No vehicle is detected in the adjacent lane.
- The driven speed is between 80 km/h and 180 km/h.
- Active Lane Change Assist is switched on in the multimedia system.
- Active Steering Assist is switched on and active.



If no vehicle is detected in the adjacent lane and a lane change is permitted, the lane change begins after the driver has activated the turn signal indicator. This is shown to the driver with a green arrow ② next to the steering wheel symbol. The **Lane change to the left** message also appears, for example. If Active Lane Change Assist has been activated with the turn signal indicator but a lane change is not immediately possible, a grey arrow ① appears next to the steering wheel symbol, which remains green.

When the lane change assistance starts, the turn signal indicator is automatically activated along with the display in the multifunction display.

If the assistance graphic is shown when changing lanes, the lane change display appears with an additional arrow pointing towards the adjacent lane (→ page 258).

If a lane change is not possible, the arrow fades out after a few seconds and a new lane change must be initiated. An immediate lane change is only possible on motorway sections without speed limits.

If the system is impaired, Active Lane Change Assist may be cancelled. If it is cancelled, the **Lane change cancelled** message appears in the multifunction display and a warning tone sounds.

**⚠ WARNING** Risk of accident from changing lane to an occupied adjacent lane

Lane Change Assist cannot always detect clearly if the adjacent lane is free.

The lane change might be initiated although the adjacent lane is not free.

- ▶ Before changing lanes, make sure that the neighbouring lane is free and there is no danger to other road users.

- ▶ Monitor the lane change.

**⚠ WARNING** Risk of accident if Lane Change Assist unexpectedly stops functioning

If the system limitations for Lane Change Assist have been reached, there is no guarantee that the system will remain active.

Lane Change Assist cannot then assist you by applying steering torques.

- ▶ Always monitor the lane change and keep your hands on the steering wheel. Observe the traffic conditions and steer and/or brake if necessary.

**System limits**

The system limitations of Active Steering Assist apply to Active Lane Change Assist (→ page 253).



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

- The sensors in the rear bumper are dirty, damaged or covered, for instance by a sticker or ice and snow.
- The exterior lighting is malfunctioning.

### Activating/deactivating Active Lane Change Assist

Multimedia system:

→  » Settings » Assistance  
» Active Lane Change Assist

▶ Activate or deactivate the function.

### Function of Active Emergency Stop Assist

If the driver continually ignores the visual or acoustic warning to put their hands on the steering wheel, the [Beginning emergency stop](#) message appears in the multifunction display. If the driver still does not respond, Active Distance Assist DISTRONIC reduces the speed. The vehicle is decelerated in stages to a standstill.

Depending on the country, at speeds below 60 km/h the hazard warning lights switch on automatically.


When the vehicle is stationary, the following actions are carried out:

- the vehicle is secured with the electric parking brake
- Active Distance Assist DISTRONIC is ended
- the vehicle is unlocked
- if possible, an emergency call is placed to the Mercedes-Benz emergency call centre

The driver can cancel the deceleration at any time by performing one of the following actions:

- steering
- braking or accelerating
- pressing a steering-wheel button
- operating Touch Control
- activating or deactivating Active Distance Assist DISTRONIC

### Function of Active Traffic Jam Assist

 Active Traffic Jam Assist is country-dependent and only available for vehicles with the Driving Assistance Plus Package.

Active Traffic Jam Assist helps you when in traffic jams on multi-lane roads with separate carriageways by automatically pulling away within up to 60 seconds and with moderate steering manoeuvres. It orients itself using the vehicle in front and lane markings. Active Traffic Jam Assist automatically maintains a safe distance from the vehicle in front and vehicles cutting in.

Active Traffic Jam 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 Traffic Jam Assist is only an aid. The driver is responsible for keeping a safe distance to the vehicle in front, for vehicle speed and for braking in good time.

Active Traffic Jam Assist activates automatically when all of the following conditions are met:

- You are in a traffic jam on a motorway or high-speed major road.
- Active Distance Assist DISTRONIC is switched on and active (→ page 249).

- Active Brake Assist is available (→ page 234).
- Active Steering Assist is switched on and active (→ page 255).
- Active Traffic Jam Assist is activated (→ page 258).
- You are travelling no faster than 60 km/h.

The following symbol is displayed in the instrument cluster when the system is active:



### System limits

The system limitations of Active Distance Assist DISTRONIC and Active Steering Assist apply to Active Traffic Jam Assist (→ page 253).

### Activating/deactivating Active Traffic Jam Assist

Multimedia system:

→ ► Settings ► Quick access



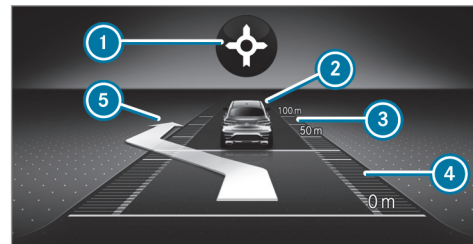
Select **Active Traffic Jam Assist**.

### Overview of Active Distance Assist DISTRONIC displays in the instrument cluster

The assistance graphic and the status display show the status of the following functions in the instrument cluster:

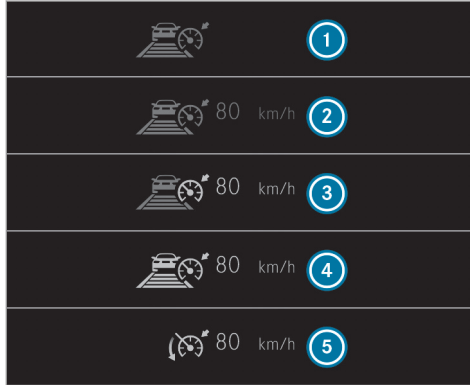
- Active Distance Assist DISTRONIC
- Route-based speed adaptation
- Active Steering Assist

### Assistant display



- ① Route-based speed adaptation: type of route event
- ② Vehicle in front
- ③ Distance indicator
- ④ Set specified distance
- ⑤ Active Lane Change Assist lane change display

### Active Distance Assist DISTRONIC status display and route-based speed adaptation



- ① Active Distance Assist DISTRONIC selected, set specified distance (number of segments below the vehicle)
- ② Active Distance Assist DISTRONIC deactivated, speed stored

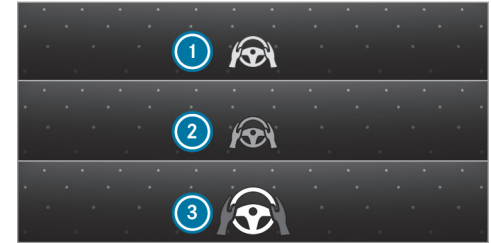
- ③ Active Distance Assist DISTRONIC active, speed stored, no vehicle detected (bright vehicle symbol)
  - ④ Active Distance Assist DISTRONIC active, speed stored, vehicle detected (green vehicle symbol)
  - ⑤ Active Distance Assist DISTRONIC and route-based speed adaptation active, speed stored
- ① On motorways or high-speed major roads, the green vehicle symbol is displayed cyclically when the vehicle is ready to pull away.
- ① If you depress the accelerator pedal beyond the setting of the Active Distance Assist DISTRONIC, the system is switched to passive mode. The **suspended** message appears in the multifunction display.

### Speedometer



The stored speed is highlighted on the speedometer. If the speed of the vehicle in front or the speed adjustment is less than the stored speed due to the route event ahead, the segments in the speedometer light up. Deactivation of Active Distance Assist DISTRONIC, as well as altera-

tions to the speed due to manual or automatic adoption of the speed limit, are displayed in the control feedback of the multifunction display on a single line.

### Active Steering Assist status display





- ① Grey steering wheel: Active Steering Assist switched on and passive
- ② Green steering wheel: Active Steering Assist switched on and active
- ③ Flashing steering wheel: prompt to the driver to actively confirm or transition from active to passive status, system limits detected


During the transition from active to passive status, symbol  is shown as enlarged and flashing. Once the system is passive, symbol  is shown as grey in the multifunction display.

### Function of Hill Start Assist

Hill Start Assist holds the vehicle for a short time when pulling away on a hill under the following conditions:


- The transmission is in position  or .
- The electric parking brake is released.

This gives you enough time to move your foot from the brake pedal to the accelerator pedal and depress it before the vehicle begins to roll away.

 **WARNING** Risk of accident and injury due to the vehicle rolling away

After a short time, Hill Start Assist no longer holds the vehicle 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. while waiting in traffic.


The HOLD function is only an aid. The responsibility for the vehicle safely standing still remains with the driver.

#### System limitations

The HOLD function is only intended to provide assistance when driving and is not a sufficient means of safeguarding the vehicle against rolling away when stationary.

- The incline must not be greater than 30%.

### Activating/deactivating the HOLD function

 **WARNING** Risk of an accident due to the HOLD function being 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 brake pedal, e.g. by a vehicle occupant.

▶ Always deactivate the HOLD function and secure the vehicle against rolling away before leaving the vehicle.

**!** NOTE Damage from automatic braking

If one of the following functions is switched on, the vehicle brakes automatically in certain situations:

- Active Brake Assist
- Active Distance Assist DISTRONIC
- HOLD function
- Active Parking Assist

To avoid damage to the vehicle, deactivate these systems in the following or similar situations:

- ▶ During towing
- ▶ In a car wash

**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 deactivated.
- The transmission is in position **D**, **R** or **N**.

**Activating the HOLD function**

- ▶ Depress the brake pedal and after a short time quickly depress further until the **HOLD** display appears in the multifunction display.
- ▶ Release the brake pedal.

**Deactivating the HOLD function**

- ▶ Depress the accelerator pedal to pull away.  
or
- ▶ Depress the brake pedal until the **HOLD** display disappears from the multifunction display.

The HOLD function is deactivated in the following situations:

- Active Distance Assist DISTRONIC is activated.
- The transmission is switched to position **P**.

- 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:

- The seat belt is unfastened and the driver's door is opened.
- The vehicle is switched off.
- There is a malfunction in the system or the power supply is insufficient.

**Start-off assist****Function of the start-off assist**

The start-off assist enables optimal vehicle acceleration from a standstill. For this, a suitably high-grip road surface is required, the tyres and vehicle must also be in good condition.

Do not activate the start-off assist on public roads.

Be sure to observe the safety notes and information on ESP®.

### Activating the start-off assist

**⚠ WARNING** Risk of skidding and having an accident from wheels spinning

When you use start-off assist, individual wheels could spin and you could lose control of the vehicle.

If ESP® is deactivated, there is a risk of skidding and accident!

- ▶ Make sure that no persons or obstacles are in the close vicinity of your vehicle.

- ▶ Deactivating ESP® (→ page 233).
- ▶ Move the steering wheel to the straight-ahead position.
- ▶ Depress the brake pedal firmly with your left foot and keep it depressed.
- ▶ Engage the **D** drive position (→ page 206).
- ▶ Select the sportiest available drive program **S<sup>+</sup>** or **S** (→ page 203).

- ▶ Rapidly depress the accelerator pedal fully.
- ▶ Take your foot off the brake, but keep the accelerator pedal depressed. The vehicle pulls away at maximum acceleration.
- ▶ Switch on ESP® once the acceleration procedure is complete. ESP® will otherwise not be able to stabilise the vehicle if the vehicle starts to skid or a wheel starts to spin.

### Cancelling the start-off assist

- ▶ Remove your foot from the accelerator pedal.
- ▶ Reactivate the ESP®.

### AIRMATIC

#### Function of AIRMATIC

AIRMATIC is an air suspension system with variable damping for improved driving comfort and vehicle dynamics. 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. You also have the option of manually adjusting the vehicle level.

AIRMATIC is comprised of the following functions and components:

- Air suspension with automatic level control
- Speed-dependent lowering
- Manually selectable high level setting for greater ground clearance which can be adjusted using a level button
- ADS PLUS (Adaptive Damping System with constant adjustment of damping characteristics)

### Suspension settings and vehicle level per drive program


Drive program	Suspension settings and vehicle level
<p><b>C</b> (Comfort)</p> <p><b>E</b> (Economy)</p>	<ul style="list-style-type: none"> <li>• The suspension setting is comfortable.</li> <li>• The vehicle is set to the normal level.</li> <li>• When driving at speeds above approximately 140 km/h, the vehicle is lowered.</li> <li>• When driving at speeds below approximately 40 km/h, the vehicle is raised again.</li> <li>• <b>Operation with a trailer or bicycle rack:</b> if the electrical connection has been correctly established, the vehicle remains at normal level irrespective of speed.</li> </ul>
<p><b>S</b> (Sport)</p>	<ul style="list-style-type: none"> <li>• The suspension setting is firmer.</li> <li>• The vehicle is set to low level -1.</li> <li>• <b>Operation with a trailer or bicycle rack:</b> if the electrical connection has been correctly established, the vehicle remains at normal level.</li> </ul>
<p><b>S<sup>+</sup></b> (Sport +)</p>	<ul style="list-style-type: none"> <li>• The suspension setting is even firmer.</li> <li>• The vehicle is set to low level -2.</li> <li>• <b>Operation with a trailer or bicycle rack:</b> if the electrical connection has been correctly established, the vehicle remains at normal level.</li> </ul>

Drive program	Suspension settings and vehicle level
 (Off-road in vehicles without Off-road package)	<ul style="list-style-type: none"> <li>• The suspension setting is suitable for easily negotiable off-road terrain.</li> <li>• The vehicle is set to off-road level +1.</li> <li>• When driving at speeds above approximately 80 km/h, the vehicle is lowered.</li> <li>• When driving at speeds below approximately 45 km/h, the vehicle is raised.</li> </ul>
 (Off-road in vehicles with Off-road package)	<ul style="list-style-type: none"> <li>• The suspension setting is suitable for easily negotiable off-road terrain.</li> <li>• The vehicle is set to off-road level +1.</li> <li>• When driving at speeds above approximately 115 km/h, the vehicle is lowered.</li> <li>• When driving at speeds below approximately 75 km/h, the vehicle is raised.</li> </ul>
 (Off-road + in vehicles with Off-road package)	<ul style="list-style-type: none"> <li>• The suspension setting is suitable for difficult off-road terrain.</li> <li>• The vehicle is set to off-road level +1.</li> <li>• When driving at speeds above approximately 80 km/h, the vehicle is lowered.</li> <li>• When driving at speeds below approximately 45 km/h, the vehicle is raised.</li> </ul>
 (Individual)	<ul style="list-style-type: none"> <li>• You can call up individual suspension settings here.</li> </ul>
<b>Lower when entering On</b> (Entering/exiting level)	<ul style="list-style-type: none"> <li>• The active entry/exit level sets the vehicle to low level -2 to facilitate entering/exiting the vehicle.</li> <li>• When driving at speeds above approx. 30 km/h, the entry/exit level is deactivated and the vehicle is raised.</li> </ul>



### System limits

AIRMATIC may not be available or have only limited availability:

- if the overheating protection is activated due to frequent level changes by depressing the level button within a short time. The  warning lamp appears in the multifunction display.

After the cooling phase, the system is again available without restriction.

### 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 centre 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, other people could become trapped if their limbs are between the vehicle body and the tyres or underneath the vehicle.

- ▶ Make sure no one is underneath the vehicle or in the immediate vicinity of the wheel arches when the vehicle is being lowered.

**⚠ WARNING** Risk of becoming trapped due to the vehicle lowering

**Vehicles with AIRMATIC or level control:** 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.

**! NOTE** Damage due to vehicle lowering

Parts of the body could be damaged when the vehicle is lowered.

- ▶ Make sure that there are no obstacles such as kerbs underneath or in the immediate vicinity of the body when the vehicle is being lowered.

Requirements:

- The vehicle has been started.
- **Vehicles without Off-road package:** the vehicle is not driving at speeds greater than 65 km/h or is operating with a trailer or bicycle rack with a correctly established electrical connection 30 km/h.
- **Vehicles with Off-road package:**
  - Off-road level +1: the vehicle is not driving at speeds greater than 100 km/h or is operating with a trailer or bicycle rack

with a correctly established electrical connection 30 km/h.

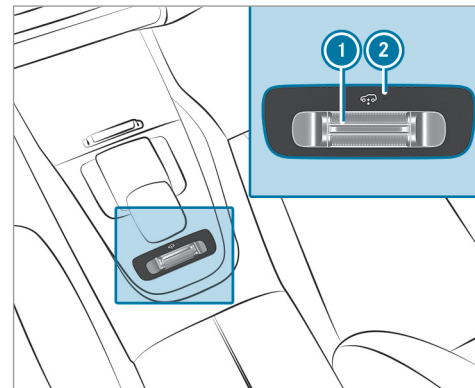
- Off-road level +2: the vehicle is not driving at speeds greater than 65 km/h or is operating with a trailer or bicycle rack with a correctly established electrical connection 30 km/h.
- Off-road level +3: the vehicle is not moving faster than 20 km/h and the rear fog lamp is not switched on.

#### Differences between different vehicle levels compared to the normal level

Vehicle level	Vehicles without Off-road package	Vehicles with Off-road package
Car wash	Approx. +90 mm	Approx. +90 mm
Off-road level +3	Unavailable	Approx. +90 mm
Off-road level +2	Unavailable	Approx. +60 mm

Vehicle level	Vehicles without Off-road package	Vehicles with Off-road package
Off-road level +1	Approx. +60 mm	Approx. +30 mm
Sport	Approx. -15 mm	Approx. -15 mm
Sport +	Approx. -25 mm	Approx. -25 mm

#### Raising the vehicle (vehicles without Off-road package)



- ▶ Push rocker switch ① forwards. Indicator lamp ② flashes while the vehicle is being raised and lights up continuously when it has finished rising.

Your selection is saved. The off-road level set remains stored even after the ignition has been switched off.

**Operation with a trailer or bicycle rack:** if you are driving at speeds greater than 30 km/h, the vehicle rises to the normal level in the drive programs Sport or Sport + if the electrical connection has been correctly established.

The vehicle is lowered again in the following situations:

- When driving faster than 80 km/h.
- When driving briefly between 65 km/h and 80 km/h.
- After selecting a different drive program using the DYNAMIC SELECT switch.

The vehicle is adjusted to the height of the active drive program.

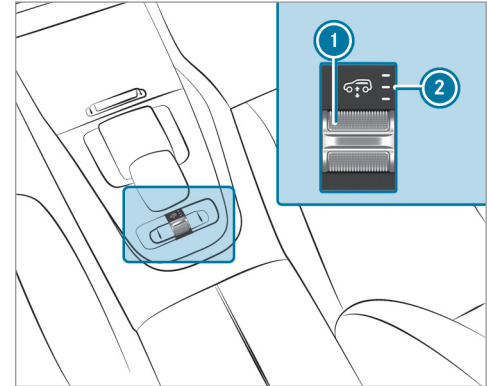
**Operation with a trailer or bicycle rack:** if you are driving at speeds greater than 30 km/h, the vehicle lowers to the normal level if the electrical connection has been correctly established.

### Lowering the vehicle (vehicles without Off-road package)

- ▶ Pull rocker switch ①.  
The vehicle is adjusted to the height of the active drive program.

**Operation with a trailer or bicycle rack:** the vehicle lowers to the normal level if the electrical connection has been correctly established.

### Raising the vehicle (vehicles with Off-road package)



- ▶ Push rocker switch ① forwards.
  - Off-road level +1: one indicator lamp ② lights up continuously when the vehicle has finished rising.
  - Off-road level +2: two indicator lamps ② light up continuously when the vehicle has finished rising.

- Off-road level +3: three indicator lamps ② light up continuously when the vehicle has finished rising.

Your selection is saved. The off-road level set remains stored even after the ignition has been switched off.

The vehicle is lowered again in the following situations:

- Off-road level +3: when driving faster than 20 km/h or when the rear fog lamp is switched on.  
The vehicle is lowered to off-road level +2.
- Off-road level +2:
  - When driving faster than 80 km/h.
  - When driving briefly between 65 km/h and 80 km/h.

The vehicle is lowered to off-road level +1.

**Operation with a trailer or bicycle rack:** if you are driving at speeds greater than 30 km/h, the vehicle lowers to the normal level if the electrical connection has been correctly established.

- Off-road level +1:
  - When driving faster than 115 km/h.
  - When driving briefly between 100 km/h and 115 km/h.
  - **Operation with a trailer or bicycle rack:** you are driving at speeds greater than 30 km/h.

The vehicle is lowered to the normal level.

- After selecting a different drive program using the DYNAMIC SELECT switch.

The vehicle is adjusted to the height of the active drive program.

**Operation with a trailer or bicycle rack:** the vehicle lowers to the normal level if the electrical connection has been correctly established.

### Lowering the vehicle (vehicles with Off-road package)

- ▶ Pull rocker switch ①.
  - Off-road level +3: the vehicle is lowered to off-road level +2. Two indicator lamps

② light up continuously when the vehicle has finished lowering.

- Off-road level +2: the vehicle is lowered to off-road level +1. One indicator lamp ② lights up continuously when the vehicle has finished lowering.
- Off-road level +1: the vehicle is lowered to the normal level. No indicator lamp ② lights up when the vehicle has finished lowering.

Your selection is saved. The off-road level set remains stored even after the ignition has been switched off.

### Setting the entering/exiting level (AIRMATIC) Requirements:

- The engine is running.
- The vehicle is moving at speeds less than 30 km/h.

Multimedia system:

→  → Settings

→ Schnellzugriff (Quick access)

▶ Select **Lower when entering On.**

The vehicle is lowered to low level -2 to facilitate entering and exiting.

ⓘ Further information on AIRMATIC  
(→ page 262).

## E-ACTIVE BODY CONTROL

### Function of E-ACTIVE BODY CONTROL

E-ACTIVE BODY CONTROL is an electrohydraulic 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 suspension setting is adjusted depending on the road surface, vehicle load and the drive program selected.

The ROAD SURFACE SCAN function detects areas of unevenness in the road before you drive over them by means of a multifunction camera. This reduces chassis movements.



The damping is adjusted individually to each wheel and depends on the following factors:

- Driving style, e.g. sporty
- Road condition, e.g. bumps
- Drive program



E-ACTIVE BODY CONTROL is comprised of the following functions and components:

- ROAD SURFACE SCAN
- Curve inclination function CURVE
- Recovery mode
- Individual wheel control
- Air suspension with automatic level control
- Speed-dependent lowering to reduce fuel consumption
- Manual level adjustment
- ADS PLUS (Adaptive Damping System with constant adjustment of damping characteristics)
- DYNAMIC SELECT switch and level button




### Suspension settings and vehicle level per drive program

Drive program	Suspension settings and vehicle level
 (Sport)	<ul style="list-style-type: none"><li>• The suspension setting is firmer.</li><li>• The vehicle is set to low level -1.</li><li>• ROAD SURFACE SCAN is deactivated.</li><li>• The curve inclination function is deactivated.</li><li>• <b>Operation with a trailer or bicycle rack:</b> if the electrical connection has been correctly established, the vehicle remains at normal level.</li></ul>
 (Sport +)	<ul style="list-style-type: none"><li>• The suspension setting is even firmer.</li><li>• The vehicle is set to low level -2.</li><li>• ROAD SURFACE SCAN is deactivated.</li><li>• The curve inclination function is deactivated.</li><li>• <b>Operation with a trailer or bicycle rack:</b> if the electrical connection has been correctly established, the vehicle remains at normal level.</li></ul>

Drive program	Suspension settings and vehicle level
<b>C</b> (Comfort)	<ul style="list-style-type: none"><li>• The suspension setting is comfortable.</li><li>• The vehicle is raised to normal level.</li><li>• If the trailer socket is not contacted (trailer/bicycle rack): when driving at speeds above approximately 140 km/h, the vehicle is lowered.</li><li>• When driving at speeds below approximately 40 km/h, the vehicle is raised again.</li><li>• ROAD SURFACE SCAN is active.</li><li>• The curve inclination function is deactivated.</li><li>• <b>Operation with a trailer or bicycle rack:</b> if the electrical connection has been correctly established, the vehicle remains at normal level irrespective of speed.</li></ul>
<b>CV</b> (CURVE)	<ul style="list-style-type: none"><li>• The suspension setting is comfortable.</li><li>• The vehicle is set to the normal level.</li><li>• When driving at speeds above approximately 140 km/h, the vehicle is lowered.</li><li>• When driving at speeds below approximately 40 km/h, the vehicle is raised again.</li><li>• ROAD SURFACE SCAN is active.</li><li>• The curve inclination function is active.</li></ul>

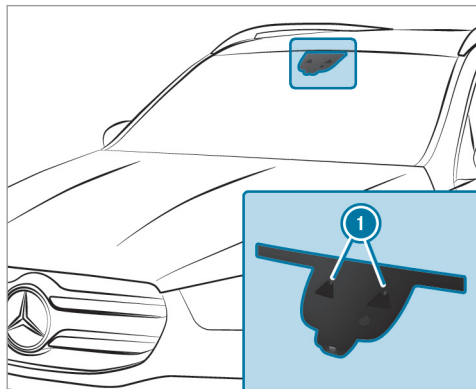
Drive program	Suspension settings and vehicle level
 (Economy)	<ul style="list-style-type: none"><li>• The suspension setting is comfortable.</li><li>• The vehicle is set to the normal level.</li><li>• When driving at speeds above approximately 140 km/h, the vehicle is lowered.</li><li>• When driving at speeds below approximately 40 km/h, the vehicle is raised again.</li><li>• ROAD SURFACE SCAN is deactivated.</li><li>• The curve inclination function is deactivated.</li><li>• <b>Operation with a trailer or bicycle rack:</b> if the electrical connection has been correctly established, the vehicle remains at normal level irrespective of speed.</li></ul>
 (Off-road in vehicles without Off-road package)	<ul style="list-style-type: none"><li>• The suspension setting is suitable for easily negotiable off-road terrain.</li><li>• The vehicle is set to off-road level +1.</li><li>• When driving at speeds above approximately 80 km/h, the vehicle is lowered.</li><li>• When driving at speeds below approximately 45 km/h, the vehicle is raised.</li><li>• ROAD SURFACE SCAN is deactivated.</li><li>• The curve inclination function is deactivated.</li><li>• Free driving mode and the individual wheel control function can be activated provided the necessary conditions are met.</li></ul>



Drive program	Suspension settings and vehicle level
 (Off-road in vehicles with Off-road package)	<ul style="list-style-type: none"> <li>• The suspension setting is suitable for easily negotiable off-road terrain.</li> <li>• The vehicle is set to off-road level +1.</li> <li>• When driving at speeds above approximately 115 km/h, the vehicle is lowered.</li> <li>• When driving at speeds below approximately 75 km/h, the vehicle is raised.</li> <li>• ROAD SURFACE SCAN is deactivated.</li> <li>• The curve inclination function is deactivated.</li> <li>• Free driving mode and the individual wheel control function can be activated provided the necessary conditions are met.</li> </ul>
 (Off-road + in vehicles with Off-road package)	<ul style="list-style-type: none"> <li>• The suspension setting is suitable for difficult off-road terrain.</li> <li>• The vehicle is set to off-road level +1.</li> <li>• When driving at speeds above approximately 80 km/h, the vehicle is lowered.</li> <li>• When driving at speeds below approximately 45 km/h, the vehicle is raised.</li> <li>• ROAD SURFACE SCAN is deactivated.</li> <li>• The curve inclination function is deactivated.</li> <li>• Free driving mode and the individual wheel control function can be activated provided the necessary conditions are met.</li> </ul>
 Individual	<ul style="list-style-type: none"> <li>• You can call up individual suspension settings here.</li> </ul>

### Function of ROAD SURFACE SCAN

**i** This function is not available in all countries.



The ROAD SURFACE SCAN function monitors the road in front of your vehicle using a multifunction camera **1**. ROAD SURFACE SCAN detects unevenness in the road surface, e.g. bumps, before the vehicle drives over them. Chassis movements are reduced and driving comfort is increased.

ROAD SURFACE SCAN is automatically activated if the following conditions are met:

- Drive program **C** (Comfort) or **CV** (CURVE) is selected.
- The vehicle is set to the normal level.
- You are driving at a speed between 7 km/h and 180 km/h.

### System limits

ROAD SURFACE SCAN can be impaired in the following situations or can stop functioning:

- If the carriageway is insufficiently lit, e.g. at night.
- In snow, rain, fog, heavy spray, if there is glare, in direct sunlight or in greatly varying light conditions.
- If the windscreen in the area of multifunction camera **1** is dirty, misted up, damaged or covered.
- If the road surface has no optic structure or reflects light.
- If the distance to the vehicle in front is too short.

- If sections of the route have a very small radius of curvature.
- During dynamic driving manoeuvres, e.g. if you accelerate or brake the vehicle sharply.

Observe the notes on cleaning the multifunction camera (→ page 534).

### Function of recovery mode

**⚠ WARNING** Risk of injury due to the vehicle moving up and down

When free driving mode is activated, the vehicle bounces up and down. Body parts could become trapped if they are between the vehicle body and the tyres or underneath the vehicle.

- ▶ Make sure that nobody is under or in the immediate vicinity of the vehicle when free driving mode is activated.

**!** **NOTE** Risk of damage due to the vehicle moving up and down

When free driving mode is activated, the vehicle moves up and down. Vehicle parts may be damaged if the underbody bottoms out.

- ▶ Make sure that there is sufficient ground clearance when rocking free mode is activated.

Rocking free mode is a function of the suspension which can assist the driver on loose surfaces (e.g. sand, snow) when freeing a vehicle which has become stuck.

The vehicle body rocks in slow, vertical motions when recovery mode has been activated. This temporarily puts the wheels under greater load, which means they have increased traction and the vehicle is freed.

You can activate free driving mode via Off-road Assist (→ page 278).

### Function of individual wheel control

**!** **WARNING** Risk of becoming trapped due to the vehicle lowering

The vehicle can be lowered when the individual wheel control function has been activated. Body parts could become trapped if they are between the vehicle body and the tyres or underneath the vehicle.

- ▶ Make sure that nobody is under the vehicle or in the immediate vicinity of the wheel arches when individual wheel control is activated.

**!** **NOTE** Risk of damage due to the vehicle moving up and down

The vehicle can be lowered or raised on one or more wheels when the individual wheel control function has been activated. Vehicle parts could be damaged due to contact with objects.

- ▶ Make sure that the vehicle has sufficient room to move when the individual

wheel control function has been activated.

Individual wheel control is a function of the suspension, which can be used to set the vehicle level for each wheel individually. This can help to improve alignment of the body when driving off-road.

You can activate individual wheel control via Off-road Assist (→ page 278).

### 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 centre 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, other people could become trapped if their limbs are between the vehicle body and the tyres or underneath the vehicle.

- ▶ Make sure no one is underneath the vehicle or in the immediate vicinity of the wheel arches when the vehicle is being lowered.

**⚠ WARNING** Risk of becoming trapped due to the vehicle lowering

**Vehicles with AIRMATIC or level control:** 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.

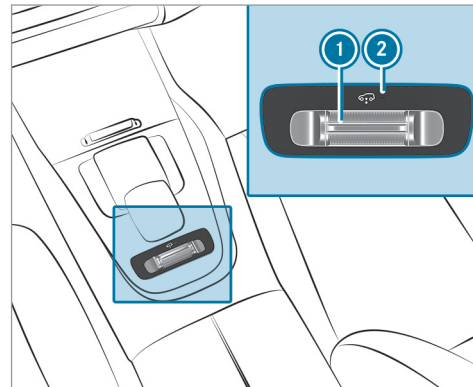
The vehicle can also be lowered after being locked.

- ▶ 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.
- **Vehicles without Off-road package:** the vehicle is not driving at speeds greater than 65 km/h or is operating with a trailer or bicycle rack with a correctly established electrical connection 30 km/h.
- **Vehicles with Off-road package:**
  - Off-road level +1: the vehicle is not driving at speeds greater than 100 km/h or is operating with a trailer or bicycle rack with a correctly established electrical connection 30 km/h.
  - Off-road level +2: the vehicle is not driving at speeds greater than 65 km/h or is operating with a trailer or bicycle rack with a correctly established electrical connection 30 km/h.
  - Off-road level +3: the vehicle is not moving faster than 20 km/h.

**Raising the vehicle (vehicles without Off-road package)**



- ▶ Push rocker switch ① forwards. Indicator lamp ② flashes while the vehicle is being raised and lights up continuously when it has finished rising.

Your selection is saved. The off-road level set remains stored even after the ignition has been switched off.

**Operation with a trailer or bicycle rack:** if you are driving at speeds greater than 30 km/h, the vehicle rises to the normal level in drive programs Sport [S] or Sport + [S+] if the electrical connection has been correctly established.

The vehicle is lowered again in the following situations:

- When driving faster than 80 km/h.
- When driving briefly between 65 km/h and 80 km/h.
- After selecting a different drive program using the DYNAMIC SELECT switch.

The vehicle is adjusted to the height of the active drive program.

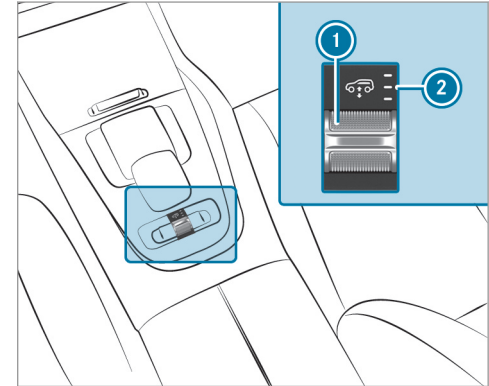
**Operation with a trailer or bicycle rack:** if you are driving at speeds greater than 30 km/h, the vehicle lowers to the normal level if the electrical connection has been correctly established.

### Lowering the vehicle (vehicles without Off-road package)

- ▶ Pull rocker switch ①.  
The vehicle is adjusted to the height of the active drive program.

**Operation with a trailer or bicycle rack:** the vehicle lowers to the normal level if the electrical connection has been correctly established.

### Raising the vehicle (vehicles with Off-road package)



- ▶ Push rocker switch ① forwards.
  - Off-road level +1: one indicator lamp ② lights up continuously when the vehicle has finished rising.
  - Off-road level +2: two indicator lamps ② light up continuously when the vehicle has finished rising.

- Off-road level +3: three indicator lamps ② light up continuously when the vehicle has finished rising.

Your selection is saved. The off-road level set remains stored even after the ignition has been switched off.

The vehicle is lowered again in the following situations:

- Off-road level +3: when driving faster than 20 km/h.  
The vehicle is lowered to off-road level +2.
- Off-road level +2:
  - When driving faster than 80 km/h.
  - When driving briefly between 65 km/h and 80 km/h.

The vehicle is lowered to off-road level +1.

**Operation with a trailer or bicycle rack:** if you are driving at speeds greater than 30 km/h, the vehicle lowers to the normal level if the electrical connection has been correctly established.

- Off-road level +1:

- When driving faster than 115 km/h.
- When driving briefly between 100 km/h and 115 km/h.
- **Operation with a trailer or bicycle rack:** you are driving at speeds greater than 30 km/h.

The vehicle is lowered to the normal level.

- After selecting a different drive program using the DYNAMIC SELECT switch.

The vehicle is adjusted to the height of the active drive program.

**Operation with a trailer or bicycle rack:** the vehicle lowers to the normal level if the electrical connection has been correctly established.

### Lowering the vehicle (vehicles with Off-road package)

- ▶ Pull rocker switch ①.
  - Off-road level +3: the vehicle is lowered to off-road level +2. Two indicator lamps ② light up continuously when the vehicle has finished lowering.

- Off-road level +2: the vehicle is lowered to off-road level +1. One indicator lamp ② lights up continuously when the vehicle has finished lowering.
- Off-road level +1: the vehicle is lowered to the normal level. No indicator lamp ② lights up when the vehicle has finished lowering.

Your selection is saved. The off-road level set remains stored even after the ignition has been switched off.

### Setting Off-road Assist Requirements:

- the vehicle is stationary.
- the vehicle is set to off-road level 1 or 2
- the Off-road or Off-road Plus (only vehicles with Off-road package) drive program has been selected
- the ignition is switched on
- all doors and the bonnet are closed
- the transmission is not engaged in position

**P**

- there is no trailer coupled
- the vehicle is outdoors
- the detected lateral inclination of the vehicle must not exceed approx. 15°
- the system is within its operating temperature
- the on-board voltage is sufficiently high

Multimedia system:

→ →  → Settings → Assistance  
→ Offroad Assist

### Recovery mode

Rocking free mode assists the driver when pulling away on rough terrain, such as sand or snow.

- ▶ Select **Free driving mode**.
- ▶ Select **Start**.  
Recovery mode is activated.
- ▶ Select **Stop** to stop recovery mode.

Recovery mode is automatically deactivated in the following situations:

- you are actually travelling faster than 15 km/h
  - after a running time of 30 seconds
  - it is detected that an object has hit the underbody of the vehicle hard
  - not all conditions are met
- ⓘ Further information on recovery mode (→ page 274).

### Individual wheel control

Individual wheel control enables the vehicle level to be set separately for each wheel.

- ▶ Select **Individual wheel control**.
- ▶ Set the vehicle level for the desired wheel.
- ⓘ You can also use the touch display to set the level for two or more wheels at the same time.
- ▶ Select **Reset** to set all wheels to the default setting.

Individual wheel control is automatically deactivated in the following situations:

- you are travelling faster than 15 km/h
- it is detected that an object has hit the underbody of the vehicle hard

- not all conditions are met
- ⓘ Further information on individual wheel control (→ page 275).

## 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 on the front bumper and six sensors on the rear bumper. Parking Assist PARKTRONIC shows you the distance between your vehicle and a detected obstacle visually and audibly.

Parking Assist PARKTRONIC is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that there are no persons, animals or objects in the manoeuvring area while manoeuvring and parking in/exiting parking spaces.

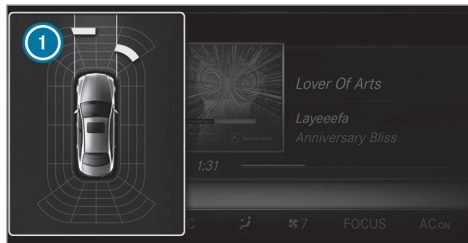
In the standard setting, an intermittent warning tone sounds from a distance of approximately 0.3 m to an obstacle in front and approximately

1.0 m to an obstacle behind. A continuous warning tone sounds from a distance of approximately 0.2 m. Using the **Warn early all-round** setting in the multimedia system, the warning tones for front and side impact protection can be set to sound at a greater distance of approximately 1.0 m in front and 0.6 m on the sides (→ page 283).

**i** The **Warn early all-round** setting is always active in the rear of the vehicle.

If Parking Assist PARKTRONIC is deactivated, Active Parking Assist is unavailable.

### Parking Assist PARKTRONIC display in the multimedia system



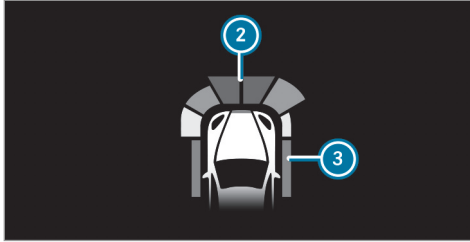
Vehicles with Active Parking Assist without a 360° Camera



Vehicles with Active Parking Assist and a 360° Camera

If Active Parking Assist is deactivated and an obstacle is detected in the path of the vehicle, a pop-up window for Parking Assist PARKTRONIC **i** appears in the multimedia system at speeds below 10 km/h.





Display of Active Parking Assist PARKTRONIC in the head-up display

Optionally, obstacles detected by Active Parking Assist PARKTRONIC from a distance of approximately 1.0 m in front ① and 0.6 m on the sides ② can also be displayed in the head-up display.

### System limits

Parking Assist PARKTRONIC does not necessarily take into account the following obstacles:

- Obstacles below the detection range, e.g. persons, animals or objects.

- Obstacles above the detection range, e.g. overhanging loads, overhangs or loading ramps of lorries.

The sensors must be free of dirt, ice and slush. Otherwise, they may not function correctly. Clean the sensors regularly, especially after driving off-road, taking care not to scratch or damage them.

**Vehicles with trailer hitch:** Parking Assist PARKTRONIC is deactivated for the rear zone when you establish an electrical connection between your vehicle and a trailer.

### Function of the passive side impact protection

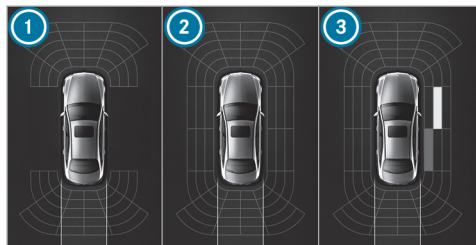
Passive side impact protection is an additional Parking Assist PARKTRONIC function which warns the driver about obstacles at the side of the vehicle. A warning is issued when obstacles are detected between the front and rear detection range. In order for an object on the side to be detected, the sensors in the front and rear bumper must first detect the object while you are driving past it.

During the parking procedure or manoeuvring, objects are detected as the vehicle drives past. If you steer in the direction of a detected obstacle and there is a risk of a lateral collision, a warning is issued. The segments on the sides light up yellow or red, depending on the distance to the obstacle.

### Segment colour depending on distance

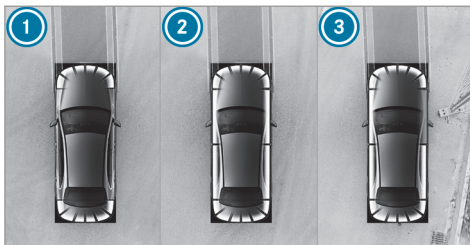
Colour	Lateral distance
Yellow	Approx. 30 - 60 cm
Red	Approx. < 30 cm

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 travelled 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 (yellow) 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 (red)

Saved obstacles on the sides are deleted in the following situations, for example:

- You park the vehicle and switch off the ignition.
- You open the doors.

After the engine is restarted, obstacles must be detected again before a new warning can be issued.

### System limits

The system limits 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


### Activating/deactivating Parking Assist PARKTRONIC

**!** **NOTE** Risk of an accident from objects at close range

Parking Assist PARKTRONIC may not detect certain objects at close range.

- ▶ When parking or manoeuvring the vehicle, pay particular attention to any objects which are above or below the sensors, e.g. flowerpots or drawbars.

The vehicle or other objects could otherwise be damaged.

If the  symbol is shown in the multifunction display, Parking Assist PARKTRONIC is not active.

Multimedia system:

→ Settings → Quick access  
→ PARKTRONIC

▶ Activate or deactivate the function.

ⓘ Parking Assist PARKTRONIC is automatically activated when the vehicle is started.

### Adjusting the warning tones of Parking Assist PARKTRONIC

Multimedia system:

→  → Settings → Assistance  
→ Camera & parking → Set warning tone

### Adjusting the volume of the warning tones

▶ Select **Warning tone volume**.

▶ Set a value.

### Adjusting the pitch of the warning tones

▶ Select **Warning tone pitch**.

▶ Set a value.

### Specifying the starting point for the warning tones

You can specify whether the Parking Assist PARKTRONIC warning tones should commence when the vehicle is further away from an obstacle.

▶ Select **Warn early all-round**.

▶ Activate or deactivate the function.

### Activating/deactivating audio fadeout

You can specify whether the volume of a media source in the multimedia system is to be reduced when Parking Assist PARKTRONIC sounds a warning tone.

▶ Select **Audio fadeout during warning tones**.

▶ Activate or deactivate the function.

### Function of Trailer Manoeuvring Assist

**!** **NOTE** Damage to trailers with a stabilisation device against swerving

In the case of trailers with a stabilisation device against swerving, the trailer or trailer tow hitch could be damaged.

▶ If a trailer coupling with Trailer Manoeuvring Assist is used, only use trailers without a stabilisation device against swerving.

**!** **NOTE** Damage due to overhanging loads in front or drawbar installations

The vehicle and the trailer may be damaged during manoeuvring due to overhanging loads at the front of the trailer or drawbar installations.

▶ Pay attention to overhanging loads or drawbar installations while manoeuvring.

Trailer Manoeuvring Assist assists you when reversing with a trailer. By means of a turning

angle sensor in the trailer coupling, Trailer Manoeuvring Assist monitors the articulation angle between the vehicle and trailer and adjusts it to a specified value.

You can either enter the articulation angle value directly via the multimedia system or use a straightening manoeuvre. When carrying out a straightening manoeuvre, the system calculates the articulation angle automatically and straightens the vehicle/trailer combination to the trailer's current direction.

Trailer Manoeuvring Assist must be taught-in before it can adjust the articulation angle (→ page 284).

Observe the notes on towing a trailer (→ page 310).

### System limits

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

- The gradient is more than approximately 15%.

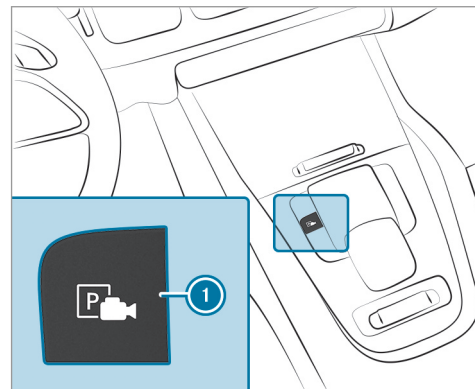
### Using Trailer Manoeuvring Assist Requirements:

- The ignition and engine are on and the vehicle is operational.
- A trailer has been detected.

### Teaching-in Trailer Manoeuvring Assist

- ▶ Drive forwards a short distance with the car/trailer combination. The completed teach-in process is shown in the media display.

### Using Trailer Manoeuvring Assist



- ▶ Press button ①.
- ▶ Engage reverse gear **R**. The camera image is shown in the media display.
- ▶ Adjust the articulation angle (→ page 285).

or

- ▶ Activate the straightening manoeuvre (→ page 285).
- ▶ Accelerate and brake as required.
- ⓘ Pay attention to your surroundings and be ready to brake at all times.

### Adjusting Trailer Manoeuvring Assist (multi-media system)

#### Requirements:

- The ignition and engine are on, or the vehicle is operational.
- The zero point of the car/trailer combination has been taught-in by briefly driving forwards (→ page 283).
- Trailer Manoeuvring Assist has been started (→ page 284).
- The vehicle is stationary.
- The gradient is less than approximately 15%.

### Adjusting the articulation angle of the trailer


- ▶ Select  .

The articulation angle can be changed on the media display or on the touchpad.

- ▶ Swipe left or right to change the articulation angle.
- ⓘ The maximum articulation angle depends on the length of the trailer. This is calculated by the system by driving the vehicle forwards, including cornering. Before the length of the trailer has been calculated, the maximum articulation angle is approximately 23°. The longer the trailer is, the higher the maximum articulation angle (max. approximately 60°).
- ▶ Set the desired articulation angle.

When the articulation angle entered has been reached, the drawbar is locked by the system so that the angle is maintained.

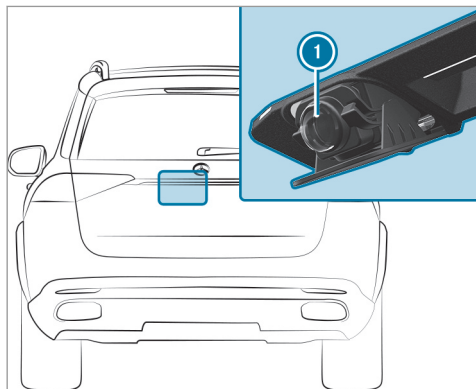
### Activating the straightening manoeuvre

- ▶ Select  .  
The system calculates the articulation angle in such a way that the direction of the trailer at the time of activation is maintained. There

is a short countersteering movement of the trailer while the vehicle is reversed, which then guides it back to the desired line. In this way, the vehicle is aligned straight with the trailer and, at the same time, the direction of the trailer is maintained.

## Reversing camera

### Function of the reversing camera



If you have activated the function in the multimedia system, the image from reversing camera ① is shown in the media display when reverse gear is engaged. Dynamic guide lines show the path the vehicle will take with the steering wheel in its

current position. This helps you to orient yourself and to avoid obstacles when reversing.

The reversing camera is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that there are no persons, animals or objects etc., in the manoeuvring area while manoeuvring and parking.

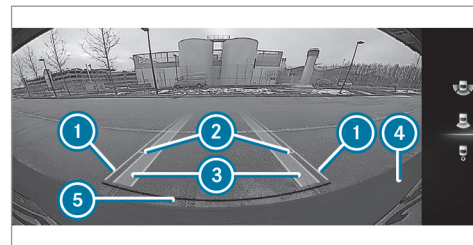
Depending on the vehicle equipment, you can select from the following views:

- Normal view
- Wide-angle view
- Trailer view

The area behind the vehicle is displayed as a mirror image, as in the inside rearview mirror.

### Vehicles without Active Parking Assist

The following camera views are available in the multimedia system:

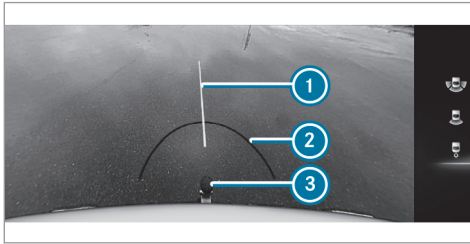


Normal view

- ① Yellow guide line, vehicle width (driven surface) depending on the current steering wheel angle (dynamic)
- ② Yellow guide line at a distance of approximately 1.0 m from the rear area
- ③ Yellow lane marking the course the tyres will take at the current steering wheel angle (dynamic)
- ④ Bumper
- ⑤ Red guide line at a distance of approximately 0.3 m from the rear area



Wide-angle view



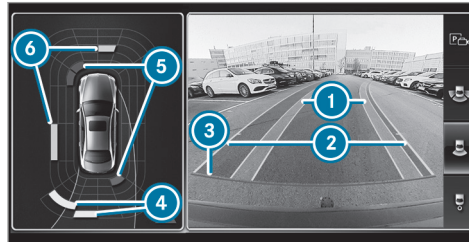
Trailer view (vehicles with a trailer hitch)

- ① Yellow guide line, locating aid

- ② Red guide line at a distance of approximately 0.3 m from the ball head of the trailer hitch
- ③ Ball head of the trailer hitch

### Vehicles with Active Parking Assist


The following camera views are available in the multimedia system:



Normal view

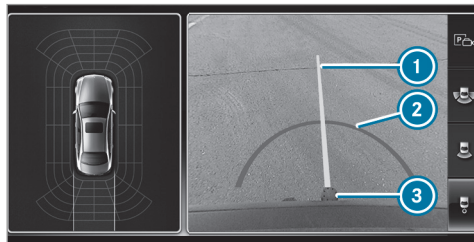
- ① Yellow lane marking the course the tyres will take at the current steering wheel angle (dynamic)
- ② Yellow guide line, vehicle width (driven surface) depending on the current steering wheel angle (dynamic)

- ③ Red guide line at a distance of approximately 0.3 m from the rear area
- ④ Yellow warning display of Parking Assist PARKTRONIC: obstacles are at a distance of between approximately 0.6 m and 1.0 m
- ⑤ Red warning display of Parking Assist PARKTRONIC: obstacles are very close (approximately 0.3 m or less)
- ⑥ Orange warning display of Parking Assist PARKTRONIC: obstacles are a medium distance away (between approximately 0.3 m and 0.6 m)

- ⓘ If the entire system fails, the internal segments of the warning display are shown in red and the  symbol appears in the multifunction display in the instrument cluster. If the system fails at the rear, the rear segments are shown in red when reversing and are hidden when driving forwards. When Active Parking Assist is active, lane markings ① are displayed in green. If Parking Assist PARKTRONIC is deactivated, the warning display fades out.



Wide-angle view

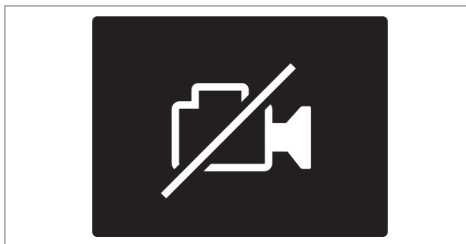


Trailer view (vehicles with a trailer hitch)

- ① Yellow guide line, locating aid

- ② Red guide line at a distance of approximately 0.3 m from the ball head of the trailer hitch
- ③ Ball head of the trailer hitch

### System failure



If there is no operational readiness, a message appears in the multimedia system.

### System limits

The reversing camera will not function or will only partially function in the following situations:

- The camera lens is obstructed, dirty or misted up. Observe the notes on cleaning the reversing camera (→ page 534).
  - 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.
  - ① Do not use the reversing camera in these types of situation. You could otherwise injure others or collide with objects when parking the vehicle.
- The field of vision and other functions of the reversing camera may be restricted due to additional accessories on the rear of the vehicle (e.g. licence plate bracket or bicycle rack).
- ① The contrast of the display may be impaired by direct sunlight or by other light sources, e.g. when driving out of a garage. In this case, pay particular attention.
  - ① Have the display repaired or replaced if, for example, pixel errors considerably restrict its use.
- The tailgate is open.
  - There is heavy rain, snow or fog.
  - The light conditions are poor, e.g. at night.



## 360° Camera

### Function of the 360° Camera

The 360° Camera is a system that consists of four cameras. The cameras cover the immediate vehicle surroundings. The system assists you, e.g. when parking or at exits with reduced visibility.

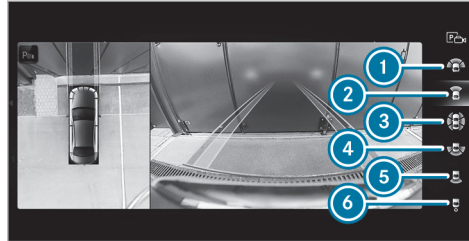
The 360° Camera is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that there are no persons, animals or objects etc., in the manoeuvring area while manoeuvring and parking.

The system evaluates images from the following cameras:

- Reversing camera
- Front camera
- Two side cameras in the outside mirrors

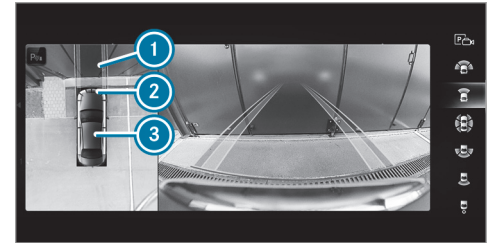
### Views of the 360° Camera

You can select from different views:



- 1 Wide-angle view, front
- 2 Top view with image from the front camera
- 3 Top view with images from the side cameras in the outside mirrors
- 4 Wide-angle view, rear
- 5 Top view with image from the reversing camera
- 6 Top view with trailer view (vehicles with a trailer hitch)

### Top view




- 1 Lane indicating the route the vehicle will take at the current steering wheel angle
- 2 Yellow warning display of Parking Assist PARKTRONIC: obstacles at a distance of approximately 1.0 m or less
- 3 Your vehicle from above

If the distance to the object lessens, the colour of warning display 2 changes:

- From approx. 1.0 m: yellow
- From approx. 0.6 m: orange
- From approx. 0.3 m: red

When Parking Assist PARKTRONIC is operational and no object is detected, the segments of the warning display are shown in grey.

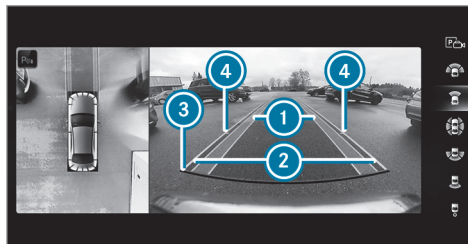
- ① If the entire system fails, the segments of the warning display are shown in red and the  symbol appears in the multifunction display in the instrument cluster.

If the system fails at the rear, the display of the segments changes as follows:

- The rear segments are shown in red when reversing.
- The rear segments are hidden when driving forwards.

If Parking Assist PARKTRONIC is deactivated, the warning display fades out.

### Guide lines



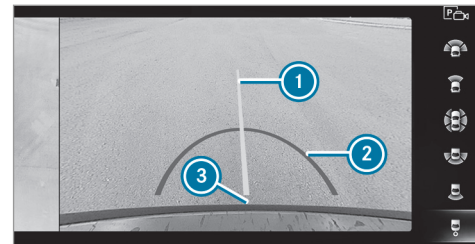
- ① Yellow lane marking the course the tyres will take at the current steering wheel angle (dynamic)
  - ② Yellow guide line, vehicle width (driven surface) depending on the current steering wheel angle (dynamic)
  - ③ Red guide line at a distance of approximately 0.3 m from the rear area
  - ④ Mark at a distance of approx. 1.0 m
- ① When Active Parking Assist is active, lanes ① are displayed in green.

The guide lines in the media display show the distances to your vehicle. The distances apply to road level.

In trailer mode, the guide lines are shown at the level of the trailer hitch.

### Trailer view (vehicles with a trailer hitch)

If you select trailer view and no trailer is coupled to the vehicle, the following display appears:



- ① Yellow guide line, locating aid
- ② Red guide line at a distance of approximately 0.3 m to the ball head of the trailer hitch
- ③ Ball head of the trailer hitch

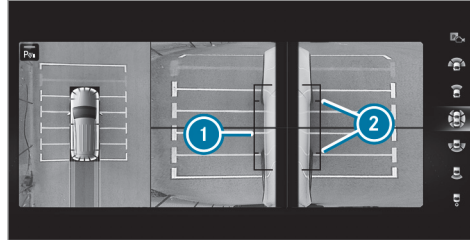


When the electrical connection is established between the vehicle and the trailer, the display changes to the side camera view.

This view supports manoeuvring procedures with a trailer.

#### Side view of the mirror cameras

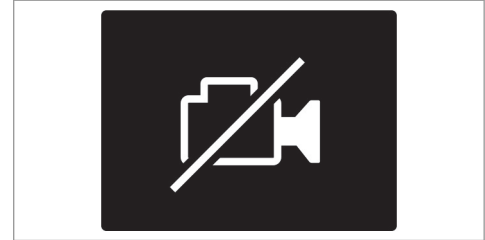
The sides of the vehicle can be seen in this view.



- ① Guide line of external vehicle dimensions with outside mirrors folded out
- ② Marker of the wheel contact points

#### System failure

If there is no operational readiness, the following message appears in the multimedia system:



#### System limits

The 360° Camera will not function or will only partially function in the following situations:

- The doors are open.
- The side mirrors are folded in.
- The 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.
- If cameras or vehicle components in which the cameras are fitted 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.

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 attachments on the vehicle (e.g. licence plate bracket, bicycle rack).

- ⓘ The contrast of the display may be impaired by abrupt direct sunlight or by other light sources, e.g. when driving out of a garage. In this case, pay particular attention.
- ⓘ Have the display repaired or replaced if, for example, pixel errors considerably restrict its use.

See the notes on cleaning the 360° Camera (→ page 534).


### Selecting a view for the 360° Camera Requirements:

- The [Auto reversing camera](#) function is activated in the multimedia system (→ page 292).
- ▶ Engage reverse gear.
- ▶ Select the desired view in the multimedia system (→ page 289).

### Switching reversing camera automatic mode on/off

The reversing camera is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that no persons, animals or objects etc. are in the manoeuvring range. Pay attention to your surroundings and be ready to brake at all times.

Multimedia system:

- ▶  ▶ Settings ▶ Assistance ▶ Camera & parking
- ▶ Switch [Auto reversing camera](#) on or off.

### Opening the camera cover of the reversing camera

Multimedia system:


- ▶  ▶ Settings ▶ Assistance ▶ Camera & parking

- ▶ Select [Open camera cover](#).

- ⓘ The camera cover closes automatically after some time or after an ignition cycle.

### Setting the camera as a favourite


You can call up the camera view directly in the multimedia system by setting it as a favourite.


- ▶ Press the  button on the touchpad. The main functions are displayed.
- ▶ Navigate downwards twice. The Favourites menu appears.
- ▶ Select [New favourite](#).
- ▶ Select [Vehicle](#).
- ▶ Select [Camera](#).

## 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 below approximately 35 km/h.


If all requirements are met, the  display appears in the multifunction display. The system then independently locates and measures parallel and perpendicular parking spaces on both sides of the vehicle.

When Active Parking Assist has detected parking spaces, the  display appears in the multifunction display. The arrows show on which side of the road detected parking spaces are located. They are then shown in the media display. The parking space and, if necessary, the parking direction can be selected as desired. Active Parking Assist calculates a suitable vehicle path, switches on the turn signal indicator and assists you in parking and exiting the parking space.

Active Parking Assist supports by changing gear, accelerating, braking and steering the vehicle.

Active Parking Assist is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that no persons, animals or objects etc. are in the manoeuvring range.

Active Parking Assist is cancelled if, among other things, one of the following actions is carried out:

- Parking Assist PARKTRONIC is deactivated.
- Active Parking Assist is deactivated.
- You begin steering.
- You apply the parking brake.
- You engage transmission position .
- ESP® intervenes.
- You open the doors or the tailgate while driving.

### System limits

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 manoeuvre is calculated, e.g. overhang-

ing loads, overhangs or loading ramps of lorries or the boundaries of parking spaces. In some circumstances, Active Parking Assist may therefore guide you into the parking space prematurely.

**⚠ 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.
- **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 drawbars might not be identified as such or be

measured incorrectly. Only use Active Parking Assist on level, high-grip ground.

Do not use Active Parking Assist in the following situations:

- In extreme weather conditions such as ice, packed snow or in heavy rain.
- When transporting a load that protrudes beyond the vehicle.
- If the parking space is on a steep downhill or uphill gradient.
- When snow chains are fitted.

Active Parking Assist may also display parking spaces that are not suitable for parking, e.g. the following:

- 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:

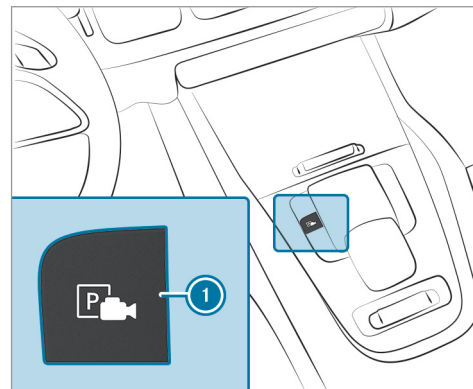
- If two parking spaces are located immediately next to each other.

- If the parking space is immediately next to a low obstacle such as a kerb.

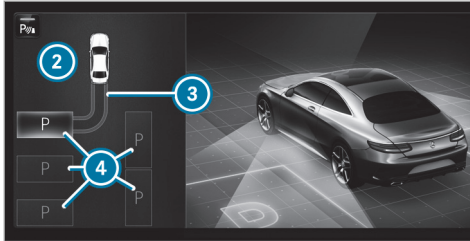
Active Parking Assist will not assist you with parking spaces parallel or at right angles to the direction of travel in the following situations:

- If the parking space is on a kerb.
- If the parking space is bordered by an obstacle, e.g. a tree, a post or a trailer.

### Parking with Active Parking Assist



▶ Press button ①.



The media display shows the view of Active Parking Assist. Area ② displays detected parking spaces ④ and vehicle path ③.

- ① Vehicle path ③ shown on the media display may differ from the actual vehicle path.
- ▶ If you have driven past a parking space: bring the vehicle to a standstill.
- ▶ Select desired parking space ④.
- ▶ Where necessary, select the parking direction: forwards or reverse. Vehicle path ③ is shown, depending on selected parking space ④ and the parking direction.

- ▶ Confirm selected parking space ④.

- ① The turn signal indicator is switched on automatically when the parking procedure begins. The turn signal indicator is switched off automatically when you switch to **D**.

You are responsible for selecting the turn signal indicator in accordance with the traffic conditions. If necessary, select the turn signal indicator accordingly.

**⚠ WARNING** Risk of accident due to vehicle swinging out while parking or pulling out of a parking space

While parking or exiting a parking space, the vehicle swings out and can drive onto areas of the oncoming lane.

This could cause you to collide with objects or other road users.

- ▶ Pay attention to objects and other road users.
- ▶ Where necessary, stop the vehicle or cancel the parking procedure with Active Parking Assist.

- ▶ If, for example, the **Please engage reverse gear** message appears in the media display: select the corresponding transmission position. 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 manoeuvring may still be necessary.

- ▶ After completion of the parking procedure, safeguard the vehicle against rolling away. When required by legal requirements or local conditions: turn the wheels towards the kerb.

- ① 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 cancelled, should a gear be changed.

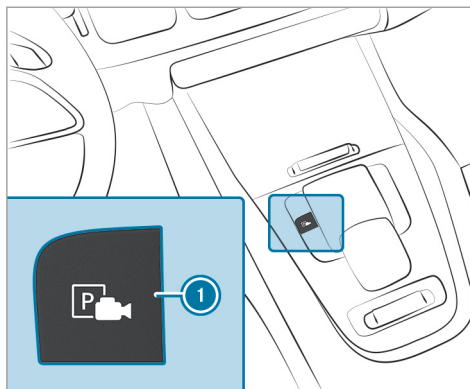
### Exiting a parking space with Active Parking Assist

#### Requirements:

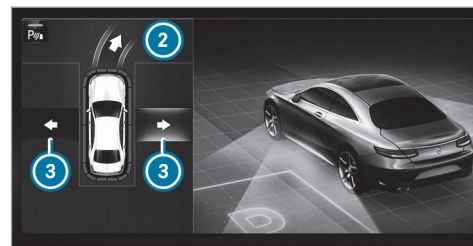
- The vehicle has been parked with Active Parking Assist.

Please note that you are responsible for the vehicle and surroundings during the entire parking procedure.

- ▶ Start the vehicle.



- ▶ Press button ①. The media display shows the view of Active Parking Assist.



- ▶ If the vehicle has been parked at right angles to the direction of travel: in area ②, select direction of travel ③.

**i** The vehicle path shown on the media display may differ from the actual vehicle path.

- ▶ Confirm direction of exit ③ to drive out of the parking space.

**i** The turn signal indicator is switched on automatically when the exiting procedure begins.

You are responsible for selecting the turn signal indicator in accordance with the traffic conditions. If necessary, select the turn signal indicator accordingly.



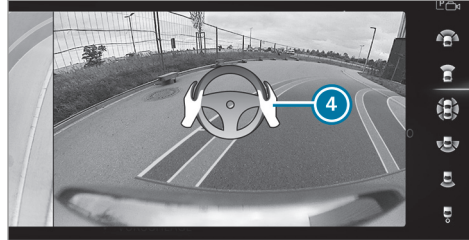
**⚠ WARNING** Risk of accident due to vehicle swinging out while parking or pulling out of a parking space

While parking or exiting a parking space, the vehicle swings out and can drive onto areas of the oncoming lane.

This could cause you to collide with objects or other road users.

- ▶ Pay attention to objects and other road users.
- ▶ Where necessary, stop the vehicle or cancel the parking procedure with Active Parking Assist.

- ▶ If, for example, the **Please engage forward gear** message appears in the media display: select the corresponding transmission position.  
The vehicle moves out of the parking space. The turn signal indicator is switched off automatically.



The image shows an example of a vehicle with a 360° Camera.

After the exiting procedure has been completed, the **Parking Assist finished, take control of vehicle** message appears in the media display. A warning tone and display ④ in the media display 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. 2 km/h. If a

critical situation is detected, the following symbol appears in the media display:



**⚠ 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 manoeuvring and parking remains with you. Make sure that no persons, animals or objects etc. are in the manoeuvring 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. 1.0 m away.
- If the manoeuvring assistant function is activated in the multimedia system.

### System limits

The performance of Drive Away Assist is limited on inclines.

When driving with a trailer, Drive Away Assist is not available.

### Function of Cross Traffic Alert

**i** Also read the instructions on Blind Spot Assist (→ page 304).



**Vehicles with Blind Spot Assist:** the Cross Traffic Alert function can warn drivers of any crossing traffic when reversing out of a parking space. The radar sensors in the bumper also monitor the area adjacent to the vehicle. If a crit-

ical situation is detected, symbol **i** appears in the media display. If the driver does not respond to the warning, the vehicle's brakes can be applied automatically.

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 reversing at walking pace.
- If the manoeuvring assistance function is activated in the multimedia system.

### System limitations

The Cross Traffic Alert function is not available on inclines and when driving with a trailer.

### Activating/deactivating manoeuvring assistance

Multimedia system:

→ ▶ Settings ▶ Assistance  
▶ Camera & parking

▶ Activate or deactivate **Manoeuvring assistance**.

- ① Manoeuvring assistance must be active for the function of Drive Away Assist (→ page 297) and Cross Traffic Alert (→ page 298).

## ATTENTION ASSIST

### Function of ATTENTION ASSIST

ATTENTION ASSIST assists you on long, monotonous journeys, e.g. on motorways and trunk roads. If ATTENTION ASSIST detects indicators of fatigue or increasing lapses in concentration on the part of the driver, it suggests taking a break.

ATTENTION ASSIST is only an aid. It cannot always detect fatigue or lapses in concentration in time. The system is not a substitute for a well-rested and attentive driver. On long journeys, take regular breaks in good time that allow for adequate recuperation.

You can choose between two settings:

- **Standard:** normal system sensitivity.
- **Sensitive:** higher system sensitivity. The driver is warned earlier and the attention

level detected by ATTENTION ASSIST is adapted accordingly.

If drowsiness or increasing lapses in concentration are detected, the **ATTENTION ASSIST: Take a break!** warning appears in the Instrument Display. You can acknowledge the message and take a break where necessary. If you do not take a break and ATTENTION ASSIST continues to detect increasing lapses in concentration, you will be warned again after a minimum of 15 minutes.




You can have the following status information for ATTENTION ASSIST displayed in the assistance menu of the on-board computer:

- The length of the journey since the last break.
- The attention level determined by ATTENTION ASSIST:
  - the fuller the circle, the higher the attentional level determined
  - as your attention wanes, the circle in the centre of the display becomes smaller

If ATTENTION ASSIST is unable to calculate the attention level and cannot issue a warning, the **System suspended** message appears.

If a warning is given in the Instrument Display, the multimedia system offers to search for a rest area. You can select a rest area and start navigation to this rest area. This function can be activated and deactivated in the multimedia system.

If ATTENTION ASSIST is deactivated, the  symbol appears in the assistance graphic in the Instrument Display when the engine is running. ATTENTION ASSIST is activated automatically

when the engine is re-started. The last selected sensitivity level remains stored.

### System limits

ATTENTION ASSIST is active in the 60 km/h to 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 approximately 30 minutes.
- If the road condition is poor (uneven road surface or potholes).
- If there is a strong side wind.
- If you adopt a sporty driving style (high cornering speeds or high rates of acceleration).
- If the 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. changing drivers or taking a break).

### Setting ATTENTION ASSIST

Multimedia system:

- ➔  ➔ Settings ➔ Assistance  
➔ Attention Assist

### Setting options


- ▶ Select **Standard**, **Sensitive** or **Off**.

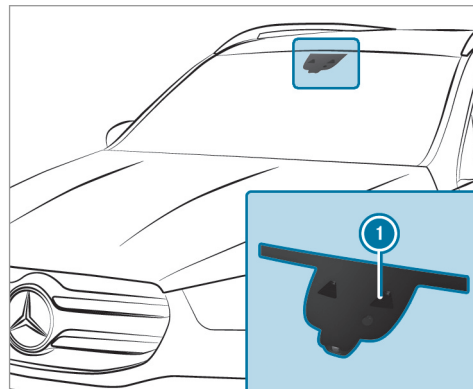
### Suggesting a rest area


- ▶ Select **Suggest rest area**.
- ▶ Activate or deactivate the function. If ATTENTION ASSIST detects fatigue or increasing lack of attention, it suggests a rest area in the vicinity.
- ▶ Select the suggested rest area. You are guided to the selected rest area.

## Speed Limit Assist

### Function of Speed Limit Assist

-  The availability of the following function is country-dependent.



Speed Limit Assist detects speed limits with multifunction camera  and displays them in the instrument cluster and optionally in the head-up display. The camera also detects speed

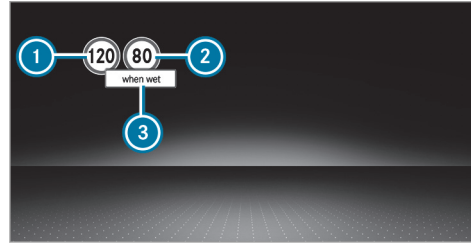
limits with a restriction indicated by an additional sign (e.g. in wet conditions).

Speed Limit Assist is only an aid. The driver is responsible for keeping a safe distance to the vehicle in front, for vehicle speed and for braking in good time.

### 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

### 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.

- The multifunction camera is affected by glare, e.g. from oncoming traffic, direct sunlight or reflections.
- The windscreen is dirty in the area of the multifunction camera, or the camera is misted up, damaged or covered.
- 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 you turn sharply, you may pass traffic signs that are outside the camera's field of vision.

### Setting Speed Limit Assist

Multimedia system:

- → Settings → Assistance  
 → Speed Limit Assist

### Adjusting the type of warning

- ▶ Select **Visual & audible**, **Visual** or **None**.

### Adjusting the warning threshold

This value determines the speed at which a warning is issued when exceeded.

▶ Select **Warning threshold**.

▶ Set the desired speed.

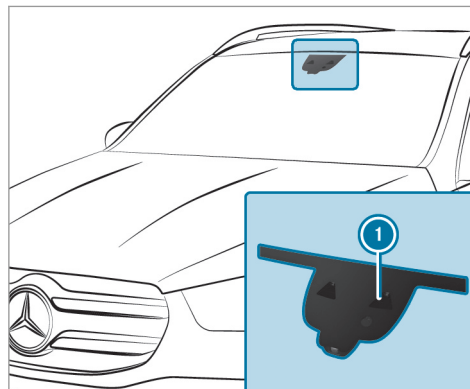
① If one of the following systems is activated, the speed detected can be manually adopted as the speed limit:

- Active Distance Assist DISTRONIC
- Cruise control
- Variable limiter

Further information (→ page 249).

## Traffic Sign Assist

### Function of Traffic Sign Assist



Traffic Sign Assist detects traffic signs with multifunction camera ① and assists you by displaying detected speed limits and overtaking restrictions in the instrument cluster, the media display and the head-up display. If the system detects that you are driving onto a section of road in the

wrong direction of travel, it triggers a warning.

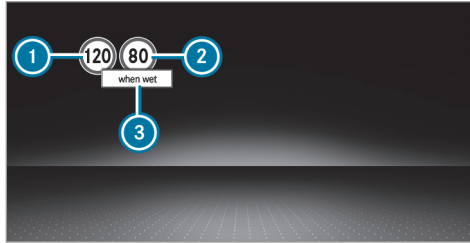
The camera also detects traffic signs with a restriction indicated by an additional sign (e.g. in wet conditions).

Traffic Sign Assist is only an aid. The driver is responsible for keeping a safe distance to the vehicle in front, for vehicle speed and for braking in good time.

### Warning when the maximum permissible speed is exceeded

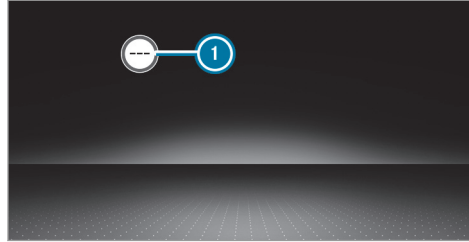
The system can warn you if you unintentionally exceed the maximum permissible speed. To do this, you can specify in the multimedia system by how much the maximum permissible speed can be exceeded before a warning is issued. You can specify whether the warning is to be just a visual warning or an acoustic 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 also uses information in the navigation system. The display can therefore be updated without detecting traffic signs when you leave or enter a town or change roads, e.g. motorway exit or slip road.



Traffic Sign Assist is not available in all countries. If it is unavailable, display ① is shown in the speedometer.

### Warning when approaching pedestrian crossings

**Vehicles with Driving Assistance Package:** the system can warn you if you approach a pedestrian crossing with your vehicle. A message appears in the instrument cluster.



The warning occurs if appropriate traffic signs or road markings are detected and pedestrians are present in the danger zone.

### System limits

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

- If there is poor visibility, e.g. due to insufficient illumination of the road, highly variable shade conditions, or due to rain, snow, fog or heavy spray.
- The multifunction camera is affected by glare, e.g. from oncoming traffic, direct sunlight or reflections.

- The windscreen is dirty in the area of the multifunction camera, or the camera is misted up, damaged or covered.
- 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.
- The signs are ambiguous, e.g. traffic signs on construction sites or in adjacent lanes.
- If you turn sharply, you may pass traffic signs that are outside the camera's field of vision.

### Setting Traffic Sign Assist Requirements:


- **Only vehicles with Driving Assistance Package:**  
Active Distance Assist DISTRONIC must be activated for the automatic adoption of speed limits.

Multimedia system:

➔  ➔ Settings ➔ Assistance  
➔ Traffic Sign Assist

### Activating/deactivating automatic adoption of speed limits (only vehicles with Driving Assistance Package)

- ▶ Select **Adopt limit**.
- ▶ Activate or deactivate the function. The speed limits detected by Traffic Sign Assist are automatically adopted by Active Distance Assist DISTRONIC.

 If one of the following systems is activated, the speed detected can be manually adopted as the speed limit:

- Active Distance Assist DISTRONIC
- Cruise control
- Variable limiter

Further information (→ page 249).

### Displaying detected traffic signs in the media display

- ▶ Select **Display in head unit**.

- ▶ 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 with exit warning

#### Function of Blind Spot Assist and Active Blind Spot Assist with exit warning

Blind Spot Assist and Active Blind Spot Assist use two lateral, rear-facing radar sensors to monitor the area up to 40 m behind your vehicle and 3 m directly next to your vehicle.

If a vehicle is detected at speeds above approximately 12 km/h and this vehicle subsequently enters the monitoring range directly next to your vehicle, the warning lamp in the outside mirror lights up red.



If a vehicle is detected close to the side of your vehicle, the red warning lamp in the outside mirror flashes. If you switch on the turn signal indicator in the corresponding direction, a warning tone sounds once. If the turn signal indicator remains switched on, all other detected vehicles are indicated only by the flashing of the red warning lamp.

If you overtake a vehicle quickly, no warning is given.

**▲ WARNING** Risk of accident despite Blind Spot Assist

Blind Spot Assist does not react to vehicles approaching and overtaking you at a greatly different speed.

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 vehi-

cles and are no substitute for attentive driving. Always ensure that there is sufficient distance to the side for other road users and obstacles.

**Exit warning**

The exit warning is an additional function of Blind Spot Assist and can warn vehicle occupants about approaching vehicles when leaving the vehicle when stationary.

**▲ WARNING** Risk of accident despite exit warning

The exit warning reacts neither to stationary objects nor to vehicles approaching you at a greatly different speed.

As a result, the exit warning cannot warn drivers in these situations.

- ▶ Always pay particular attention to the traffic situation when opening the doors and make sure there is sufficient clearance.

If there is a vehicle in the monitoring range, this is indicated in the outside mirror. If a vehicle occupant opens the door on the side with the

warning, a warning tone sounds and the warning lamp in the outside mirror starts to flash.

This additional function is only available when Blind Spot Assist is activated and up to a maximum of three minutes after the ignition has been switched off. The exit warning is no longer available once the warning lamp in the outside mirror flashes three times.

The exit warning is only an aid and not a substitute for the attention of vehicle occupants. The responsibility for opening and closing the doors and for leaving the vehicle remains with the vehicle occupants.

**System limits**

Blind Spot Assist and Active Blind Spot Assist may be limited in the following situations:

- if there is dirt on the sensors or the sensors are obscured
- in poor visibility, e.g. due to fog, heavy rain or snow
- if there are narrow vehicles, e.g. bicycles or motorbikes
- if the road has very wide or narrow lanes

- if vehicles are not driving in the middle of their lane

Warnings may be issued in error when driving close to crash barriers or similar solid lane borders. Always make sure that there is sufficient distance to the side for other traffic or obstacles.

Warnings may be interrupted when driving alongside long vehicles, for example lorries, for a prolonged time.

Blind Spot Assist is not operational when reverse gear is engaged.

Blind Spot Assist is not operational when a trailer is coupled to the vehicle and the electrical connection has been correctly established.

The exit warning may be limited in the following situations:

- when the sensors are covered by adjacent vehicles in narrow parking spaces
- when people approach the vehicle
- in the event of stationary or slowly moving objects

### Function of brake application (Active Blind Spot Assist)

- ① The brake application function is only available for vehicles with a Driving Assistance Package.

If Active Blind Spot Assist detects a risk of a side impact in the monitoring range, a course-correcting brake application is carried out. This is designed to help you avoid a collision.

The course-correcting brake application is available in the speed range between approximately 30 km/h and 200 km/h.

#### **⚠ WARNING** Risk of accident despite brake application of Active Blind Spot Assist

A course-correcting brake application cannot always prevent a collision.

- ▶ Always steer, brake or accelerate yourself, especially if Active Blind Spot Assist warns you or makes a course-correcting brake application.

- ▶ Always maintain a safe distance at the sides.

#### **⚠ WARNING** Risk of accident despite Active Blind Spot Assist


Active Blind Spot Assist does not react to the following:

- if vehicles overtake too closely on the side, placing them in the blind spot area
- vehicles approaching and overtaking you at a greatly different speed

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, a display  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 limits

Either a course-correcting brake application appropriate to the driving situation, or none at all, may occur in the following situations:

- Vehicles or obstacles, e.g. crash barriers, are located on both sides of your vehicle.
- A vehicle approaches too closely on the side.
- You have adopted a sporty driving style with high cornering speeds.
- You brake or accelerate significantly.
- A driving safety system intervenes, e.g. ESP® or Active Brake Assist.
- ESP® is deactivated.
- A loss of tyre pressure or a defective tyre is detected.
- You are driving with a trailer and the electrical connection to the trailer hitch has been correctly established.

### Activating/deactivating Blind Spot Assist or Active Blind Spot Assist

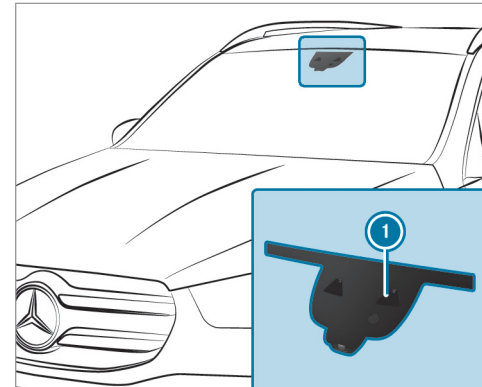
Multimedia system:


  Settings  Assistance

 Activate or deactivate [Blind Spot Assist](#).

### Active Lane Keeping Assist

#### Function of Active Lane Keeping Assist



Active Lane Keeping Assist monitors the area in front of your vehicle by means of multifunction camera . It serves to protect you against unintentionally leaving your lane. You will be warned by vibration pulses in the steering wheel and guided by a course-correcting brake application back into your lane.

You are warned by vibration pulses in the steering wheel in the following circumstances:

- Active Lane Keeping Assist detects a lane marking.
- A front wheel drives over this lane marking.

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 on both edges of the lane.
- A front wheel drives over a solid lane marking.

You can activate or deactivate the Active Lane Keeping Assist warning.

Active Lane Keeping Assist can neither reduce the risk of an accident if you fail to adapt your

driving style nor override the laws of physics. It cannot take into account road, weather or traffic conditions. Active Lane Keeping Assist is only an aid. You are responsible for maintaining a safe distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.


Active Lane Keeping Assist can bring the vehicle back into the lane with a lane-correcting brake application. 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 traffic can be detected.

**Vehicles with Driving Assistance Package or Driving Assistance Plus Package:** overtaking vehicles and vehicles in adjacent lanes can also be detected.


**Vehicles without Driving Assistance Package or Driving Assistance Plus Package:** a lane-correcting brake application also takes place when, in addition to a broken lane marking, the edge of a firm road surface is detected (e.g. central reservation).

Active Lane Keeping Assist is available in the speed range between 60 km/h and 200 km/h.



If a lane-correcting brake application occurs, display  appears in the multifunction display.

#### Sensitivity of Active Lane Keeping Assist

 The availability of the following function is country-dependent.

A lane-correcting brake application also occurs in the **Sensitive** setting in the following situations:

- Active Lane Keeping Assist detects a solid lane marking.
- A front wheel drives over this lane marking.

### System limits

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 (situation-dependent).
  - A driving safety system intervenes, such as ESP®, Active Brake Assist or Active Blind Spot Assist.
  - You have adopted a sporty driving style with high cornering speeds or high rates of acceleration.
  - When ESP® is deactivated.
  - When driving with a trailer, the electrical connection to the trailer has been correctly established.
  - If a loss of tyre pressure or a defective tyre 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, if there are highly variable shade conditions or in rain, snow, fog or heavy spray.
  - If there is glare, e.g. from oncoming traffic, the sun or reflections.
  - If the windscreen in the area of the multi-function camera is dirty, or if the camera is misted up, damaged or covered.
  - If there are no lane markings, or several unclear lane markings are present for one lane, e.g. around roadworks.
  - If the lane markings are worn, dark or covered.
  - If the distance to the vehicle in front is too short and thus the lane markings cannot be detected.
  - If the lane markings change quickly, e.g. lanes branch off, cross one another or merge.


- If the 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/deactivating Active Lane Keeping Assist

Multimedia system:

- ▶  ▶ Settings ▶ Quick access ▶ Active Lane Keeping Assist
- ▶ Activate or deactivate the function.



**Setting Active Lane Keeping Assist**

Multimedia system:

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 ► Settings ► Assistance  
 ► Active Lane Keeping Assist

**Setting the sensitivity**

-  The availability of this function is dependent on the country.  
 Select **Standard**, **Sensitive** or **Off**.

**Activating/deactivating the haptic warning**

-  Select **Warning**.  
 Activate or deactivate the function.

**Trailer hitch****Notes on trailer operation**

**Mercedes-AMG vehicles:** be sure to observe the notes in the Supplement. Otherwise, you may fail to recognise dangers.

**Plug-in hybrid:** observe the notes in the Supplement. Otherwise, you may fail to recognise dangers.

Observe the following notes on the tongue weight:

- Do not use a tongue weight that exceeds or falls below the permissible tongue weight
- Use a tongue weight as close as possible to the maximum tongue weight

Do not exceed the following values:

- Permissible trailer load
- Permissible rear axle load of the towing vehicle
- Permissible gross mass of the towing vehicle
- Permissible gross mass of the trailer
- Maximum permissible speed of the trailer

Ensure the following before starting a journey:


- The tyre pressure on the rear axle of the towing vehicle is set for a maximum load
- The lighting of the connected trailer is operational

In the event of increased rear axle load, the car/trailer combination may not exceed a maximum speed of 100 km/h for reasons concerning the


operating permit. This also applies in countries in which the permissible maximum speed for car/trailer combinations is above 100 km/h.

**Vehicles with AIRMATIC or E-ACTIVE BODY CONTROL:**


If the socket of the trailer hitch is occupied, e.g. by a trailer or rear bicycle rack, the vehicle is set to the normal level regardless of the drive program at speeds greater than 30 km/h.

-  When you are reversing with a trailer, remember to use the Trailer Manoeuvring Assist function (→ page 283).

**Extends/retracts the ball neck fully electrically**

 **WARNING** Risk of accident due to the ball neck not being engaged

If the ball neck is not engaged, the trailer may come loose.

-  Make sure that the ball neck securely engages and locks into place.