



E-Class Sedan

Operator's Manual

Mercedes-Benz





Mercedes-AMG GT 4-door Coupe

Operator's Manual

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E-Class Coupe



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CLS

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or

- ▶ Press the lever beyond the pressure point: stored speed is increased ③ or reduced ④ by 10 mph (10 km/h).

or

- ▶ Press and hold lever beyond the pressure point: stored speed is increased ③ or reduced ④ in 10 mph (10 km/h) increments.

If cruise control has been deactivated, the current driven speed is adopted with ③ or ④.

- ① If you brake, deactivate ESP or if ESP intervenes, cruise control is deactivated.
- ① When you switch off the vehicle, the last speed stored is cleared.

Setting the speed limit for winter tires

Multimedia system:

↳ Vehicle ▶  Vehicle Settings ▶ Winter Tires Limit

- ▶ Select the speed or deactivate the function.

Distance Pilot DISTRONIC

Function of Distance Pilot DISTRONIC

Distance Pilot DISTRONIC:

- Maintains the set speed and accelerates or decelerates the vehicle if the distance from the vehicle in front permits.
- Assists you in maintaining the distance from the vehicle in front and can bring your vehicle to a standstill if necessary.
- Brakes your vehicle with up to 50 % of the maximum possible braking power. If greater deceleration performance is required, a visual and acoustic warning is given and you must then intervene yourself.
- **Vehicles with Driving Assistance Package, Parking Pilot and COMAND:** When driving in stop-start traffic, the driver is supported by an extended, automatic restart in traffic jams.
- **Vehicles with Driving Assistance Package:** Responds in urban speed ranges to stationary vehicles (except bicycles, motorcy-

cles and pedestrians) if conditions are sufficient to enable detection.

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

If all activation conditions are met, you can activate Distance Pilot DISTRONIC during a journey or while stationary. When Distance Pilot DISTRONIC is activated, a speed is stored which the driver can increase or reduce at any time. The speed can be adjusted between 15 mph (20 km/h) and 120 mph (200 km/h).

Vehicles with the Driving Assistance Package: The speed can be adjusted between 15 mph (20 km/h) and 130 mph (210 km/h).

Vehicles with Driving Assistance Package, Parking Pilot and COMAND: If the vehicle is stopped on a highway or a high-speed major

road, the vehicle follows up to 30 seconds behind the vehicle ahead, without the driver needing to intervene. If an obstacle is detected in front of the vehicle during the driving-off procedure, a takeover warning is given. Acceleration is reduced, the driver is given a visual and acoustic warning and must stop the vehicle before reaching the obstacle or take evasive action.

Vehicles with the Driving Assistance Package: In conjunction with navigation systems, Distance Pilot DISTRONIC prevents prohibited overtaking on the right at speeds over 50 mph (80 km/h) in right-hand traffic and overtaking on the left in left-side traffic on highways and high-speed major roads.

If you activate the turn signal indicator to change lanes, the vehicle will accelerate more briskly to the set speed under the following conditions:

- Distance Pilot DISTRONIC is activated.
- If the driving speed is higher than 45 mph (70 km/h).
- If the driven speed drops below the stored speed.

- If the traffic situation in the overtaking lane permits a safe lane change.

Vehicles with Driving Assistance Package and Traffic Sign Assist:

Distance Pilot DISTRONIC also has the Speed Limit Pilot function. This function can be configured in the multimedia system. If a change in the speed limit is detected and Distance Pilot DISTRONIC is activated, Distance Pilot DISTRONIC assumes this new speed.

The driven speed is adapted when the vehicle is level with the traffic signs. The speed limit display in the Instrument Display is always updated when the vehicle is level with the traffic sign.

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

Pulling the cruise control lever will set the displayed speed limit as the speed, provided that:

- The Speed Limit Pilot has been activated in the multimedia system and

- Distance Pilot DISTRONIC has been activated.

If no speed limit is displayed when the lever is operated, the speed set by the driver is adopted.

Drive program

The DYNAMIC SELECT switch allows you to change the driving style of Distance Pilot DISTRONIC. Depending on which drive program is selected, the driving characteristics can be geared towards fuel economy, comfort or dynamic performance (→ page 134).

System limitations

Distance Pilot DISTRONIC is active in the 0 mph (0 km/h) to 120 mph (200 km/h) speed range.

Vehicles with the Driving Assistance Package:

Distance Pilot DISTRONIC is active in the 0 mph (0 km/h) to 130 mph (210 km/h) speed range.

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

- in snow, rain, fog, heavy spray, if there is glare, in direct sunlight or in greatly varying light conditions.

- if the windshield in the area of the camera is dirty, fogged up, damaged or covered.
- if the radar sensors are dirty or covered.

Do not use Distance Pilot DISTRONIC in the following situations:

- in road and traffic conditions which do not allow you to maintain a constant speed, e.g. in heavy traffic or on winding roads.
- on slippery roads. Braking or accelerating can cause the drive wheels to lose traction and the vehicle could then skid.
- when there is poor visibility, e.g. due to fog, heavy rain or snow.
- in parking garages or at toll stations.
- on roads with steep uphill or downhill gradients.

Tips

Pay particular attention in the following traffic situations. In such situations, brake if necessary. Distance Pilot DISTRONIC is then deactivated:

- When cornering, entering and exiting a bend.
- When not driving in the center of the lane.

- When other vehicles are changing lane.
- If there are narrow vehicles.
- If there are obstacles and stationary vehicles.
- If there are crossing vehicles, pedestrians, motorcyclists or cyclists.

Display of Distance Pilot DISTRONIC in the assistance graphic and in the speedometer





- ① Vehicle ahead
- ② Distance indicator
- ③ Set specified distance
- ④ Own vehicle




- ① Speed of vehicle ahead
- ② Stored speed


Displays in the multifunction display

When activating Distance Pilot DISTRONIC or when changing the stored speed, the new stored speed is shown for around five seconds in the  multifunction display 50 mph (70 km/h).

When Distance Pilot DISTRONIC is active, the set stored speed is displayed next to the  symbol. When distance control is active, the symbol is shown in green.

Vehicles with the Driving Assistance package: On highways and high-speed major roads

the  symbol is displayed cyclically when the vehicle is ready to pull away.

Vehicles with Speed Limit Pilot: If a speed limit is automatically adopted, this is shown as the stored speed with the  symbol.

Operating Distance Pilot DISTRONIC

⚠ WARNING Risk of accident if detection function of Distance Pilot DISTRONIC is impaired

The Distance Pilot DISTRONIC does not react:

- To people or animals.
- To stationary obstacles on the road, e.g. stopped or parked vehicles (vehicles without the Driving Assistance Package).
- To stationary obstacles on the road, e.g. stopped or parked vehicles, if conditions are not sufficient to enable detection (vehicles with the Driving Assistance Package).
- To oncoming vehicles and crossing traffic.

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

- ▶ Always carefully observe the traffic conditions and be ready to brake at all times.

⚠ WARNING Risk of accident due to limited detectability of road users and traffic situations

Distance Pilot DISTRONIC cannot always clearly identify other road users and complex traffic situations.

In these conditions, Distance Pilot DISTRONIC may:

- Give an unnecessary warning and then brake the vehicle.
- Neither give a warning nor intervene.
- Accelerate or brake unexpectedly.
- ▶ Continue driving with care and be ready to brake, particularly if Distance Pilot DISTRONIC warns you.

⚠ WARNING Risk of accident due to insufficient deceleration by Distance Pilot DISTRONIC

Distance Pilot DISTRONIC brakes your vehicle with up to 50 % of the maximum possible braking power. If this deceleration is not sufficient, Distance Pilot DISTRONIC alerts you with a visual and acoustic warning.

- ▶ Apply the brakes yourself in these situations and try to take evasive action.

⚠ WARNING Risk of accident due to Distance Pilot DISTRONIC still being activated when you leave the vehicle

If you leave the driver's seat while the vehicle is being braked by Distance Pilot DISTRONIC only, it can roll away in the following situations:

- If there is a malfunction in the system or in the power supply.

- If Distance Pilot DISTRONIC is deactivated with the cruise control lever, e.g. by a vehicle occupant or from outside the vehicle.
- If the electrics in the engine compartment, the battery or the fuses are tampered with.
- If the battery is disconnected.
- If the vehicle is accelerated, e.g. by a vehicle occupant.

▶ Always deactivate Distance Pilot DISTRONIC and secure the vehicle to prevent it from rolling away before you leave the driver's seat.

⚠ WARNING Risk of accident due to unknown stored speed

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

If you do not know the stored speed, the vehicle could decelerate unexpectedly.

- ▶ Take into account the traffic situation before calling up the stored speed.
- ▶ If the stored speed is not known, store the desired speed again.

⚠ WARNING Risk of accident due to unexpected acceleration by Distance Pilot DISTRONIC

If Distance Pilot DISTRONIC no longer detects a vehicle in front, it may unexpectedly accelerate to the speed stored.

- This speed may be too high for a filter lane or a slip road.
- If driving in the right lane, this speed may be so high that you pass vehicles driving on the left (in countries where traffic drives on the right).
- If driving in the left lane, this speed may be so high that you pass vehicles driving on the right (in countries where traffic drives on the left).

Always carefully observe the traffic conditions and be ready to brake at all times.

⚠ WARNING Risk of accident due to Distance Pilot DISTRONIC pulling away automatically

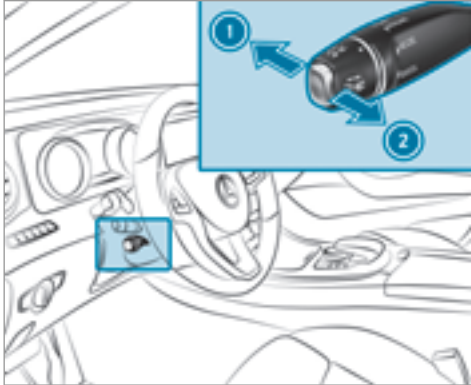
If Distance Pilot DISTRONIC performs an automatic driving-off procedure, the vehicle may accelerate unexpectedly.

Where necessary, brake the vehicle yourself and take evasive action.

Requirements

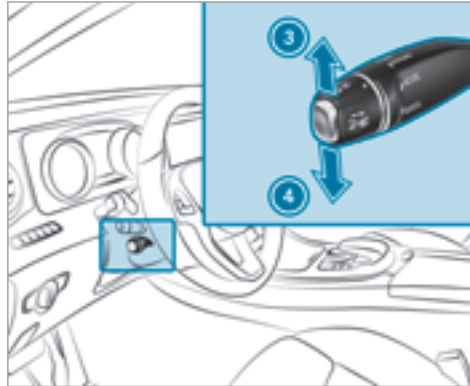
- The vehicle's engine or must be switched on.
- The electric parking brake must be released.
- Parking Pilot is not being used to park the vehicle or to exit from a parking space.
- ESP[®] must be switched on, but not intervening.
- The transmission must be in position **D**.
- The driver's door, front passenger door and the rear doors must be closed.

- The engine hood must be closed.

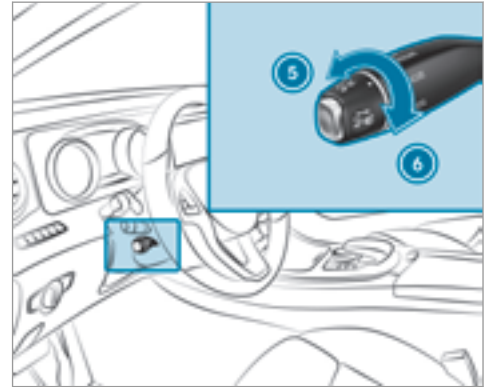


- ▶ Remove your foot from the accelerator pedal.
 - ▶ To store current speed ②. Your vehicle adapts its speed to that of the vehicle in front, but only up to the stored speed.
- or
- ▶ To call up stored speed ②.

- ▶ Or **On vehicles with Driving Assistance Package and Traffic Sign Assist:** The displayed speed limit is adopted, if available ②.
- ▶ To deactivate Distance Pilot DISTRONIC ①.



- ▶ To increase ③ or reduce ④ the speed.



- ▶ To reduce ⑤ or increase ⑥ the specified distance from the vehicle in front.

Pulling away with Distance Pilot DISTRONIC Requirement: a speed must have been previously stored.

- ▶ Remove your foot from the brake pedal.
- ▶ Briefly pull the cruise control lever towards you ②.

or

- ▶ Accelerate briefly. Your vehicle pulls away and adapts its speed to that of the vehicle in front. If no vehicle is detected in front, your vehicle accelerates to the set speed.

Adopting the speed limit as the stored speed Requirements:

- Speed Limit Pilot is activated in the multimedia system (→ page 187).
 - Distance Pilot DISTRONIC is activated.
 - The system detects a traffic sign indicating a speed limit.
- ▶ Briefly pull the cruise control lever towards you ③. The displayed speed limit is adopted as the stored speed. Your vehicle adapts its speed to that of the vehicle in front, but only up to the stored speed. If Speed Limit Pilot is activated, any detected changes in the speed limit are adopted by the system.

Collision warning

If Distance Pilot DISTRONIC is unable to sufficiently decelerate the vehicle in order to prevent it from approaching the vehicle in front, you will be warned visually and acoustically. An intermittent warning tone will then sound and the distance warning lamp will light up in the instrument cluster.

- ▶ Brake immediately in order to increase the distance from the vehicle in front.

or

- ▶ Take evasive action provided it is safe to do so.

Function of DRIVE PILOT

The DRIVE PILOT function is available only on vehicles with a Driving Assistance Package.

DRIVE PILOT includes the following driving and driving safety systems:

- Steering Pilot with Active Lane Change Assist (→ page 165)
- Distance Pilot DISTRONIC (→ page 159)


- Speed Limit Pilot (→ page 157)

Steering Pilot

Function of Steering Pilot


Steering Pilot is only available for vehicles with the Driving Assistance Package.

- Steering Pilot is operational at speeds up to 130 mph (210 km/h) and helps you to stay in the center of the lane by means of moderate steering interventions.
- It uses as a reference the vehicle in front or the lane markings, depending on the driven speed.
- Steering Pilot requires you as the driver, to keep your hands on the steering wheel at all times so that you are able to intervene at any time to correct the course of the vehicle and keep it in lane.
- The Steering Pilot can be overridden at any time by steering the vehicle yourself.
- If the system detects that there are no lane markings, it uses the vehicle ahead as a reference up to a speed of 80 mph (130 km/h).

- When the system is actively steering, the  symbol is shown in green in the multi-function display.

Steering Pilot system limitations

Steering Pilot has a limited steering torque for lateral guidance. In some cases, the steering intervention is not sufficient to keep the vehicle in the lane.

If detection of lane markings and vehicles ahead is impaired, Steering Pilot switches to passive mode. The  symbol in the multifunction display is shown in gray. The system provides no support in this case.

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, or due to snow, rain, fog or spray.
- If there is glare, e.g. from oncoming traffic, direct sunlight or reflection from other vehicles (e.g. if the road surface is wet).
- If the windshield is dirty, fogged up, damaged or covered, for instance by a sticker, in the vicinity of the camera.
- If no, or several, unclear lane markings are present for one lane, e.g. in a construction area.
- If the lane markings are worn away, dark or covered up, e.g. by dirt or snow.
- If the distance to the vehicle in front is too small and the lane markings thus cannot be detected.
- If the lane markings change quickly, e.g. lanes branch off, cross one another or merge.
- If the road is narrow and winding.
- If there are highly variable shade conditions on the road.
- Obstacles such as traffic warning signs located on the lane or projecting out into the lane are not detected.

The system does not provide assistance in the following conditions:


- On very sharp bends.
- When towing a trailer.

- If you actively change lane without switching on the turn signal indicator.
- If you switch on the turn signal indicator and the conditions for activating Active Lane Change Assist are not fulfilled.

Information on the Steering Pilot

Steering Pilot is only an aid. You are responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in your lane. Before changing lanes, make sure that the neighboring lane is free (shoulder view).

Active Lane Change Assist

 The availability of the following function is country-dependent.

Steering Pilot remains active even if the turn signal indicator is switched on. Steering Pilot then assists the driver when changing lanes by applying steering torques to initiate the lane change.

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

- You are driving on a highway or high-speed multi-lane major road with multiple lanes in the direction of travel.
- The neighboring lane is free and separated by a broken lane marking.
- The driven speed is between 45 mph (75 km/h) and 110 mph (180 km/h).
- The turn signal indicator is switched on for longer than two seconds.

Steering and contact detection

Steering Pilot requires you as the driver, to keep your hands on the steering wheel at all times so that you are able to intervene at any time to correct the course of the vehicle and keep it in lane. The driver must expect a change from active to passive mode or vice versa at any time.



If you are not steering yourself or if you take your hands off the steering wheel for a prolonged period of time, the system will, depending on the situation, first alert you with a visual warning. ① appears in the multifunction display. If you are still not steering the vehicle yourself or if you have not taken hold of the steering wheel, a warning tone sounds in addition to the warning message to remind you to take control of the vehicle.

The warning message does not appear or disappears if one of the following conditions are met:

- The driver steers the vehicle.

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

Active Emergency Stop Assist

If the driver continues to ignore the acoustic warning, Distance Pilot DISTRONIC reduces the speed. If the driver still does not respond, the vehicle is decelerated in stages to a standstill.

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

- Steering
- Braking or accelerating
- Pressing a steering wheel button or operating Touch Control
- Activating or deactivating Steering Pilot or Distance Pilot DISTRONIC

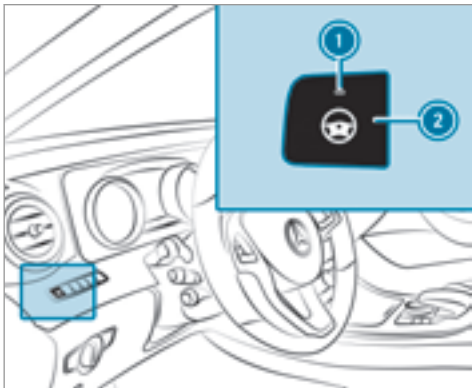
The driver must be ready to take control of the vehicle at any time.

Activating Steering Pilot

Requirements

- ESP® must be switched on, but not intervening.

- Distance Pilot DISTRONIC must be activated.



- ▶ If indicator lamp ① is off: press button ②.

HOLD function

HOLD function

The HOLD function holds the vehicle at a standstill without requiring you to depress the brake

pedal, such as when pulling away on steep slopes.

System borders

The incline must not be greater than 30%.

Activating/deactivating the HOLD function

⚠ WARNING Risk of an accident due to the HOLD function being active when you leave the vehicle

If you leave the vehicle while only the HOLD function is braking the vehicle, the vehicle can roll away in the following situations:

- If there is a malfunction in the system or in the power supply.
- If the HOLD function is deactivated by depressing the accelerator pedal or the brake pedal, e.g. by a vehicle occupant.
- If the electrics in the engine compartment, the battery or the fuses are tampered with.
- If the battery is disconnected.

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

! NOTE Damage from automatic braking

If Active Brake Assist, Distance Pilot DISTRONIC or the HOLD function is activated, the vehicle brakes automatically in certain situations.

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

- ▶ During towing
- ▶ In a car wash

Prerequisites

- The vehicle is stationary.
- The engine is running or has been automatically switched off by the ECO start/stop function.
- The electric parking brake is released.
- Distance Pilot DISTRONIC is not activated.

System limitations

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

- There are vehicles or obstacles, e.g. crash barriers, 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 clearly brake or accelerate.
- A driving safety system intervenes, such as ESP® or Active Brake Assist.
- ESP® is deactivated.
- Tire pressure loss or a defective tire has been detected.
- When driving with a trailer, the electrical connection to the trailer hitch has been correctly established.

Activating/deactivating Blind Spot Assist or Active Blind Spot Assist

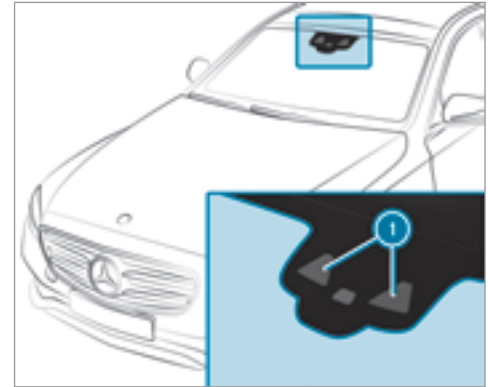
Multimedia system:

→ Vehicle →  Assistance → Blind Spot Assist

▶ Activate or deactivate the function.

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 ①. It serves to protect you against unintentionally leaving your lane. You will be warned by means of a vibration in the steering wheel

and a course-correcting brake application guides you back into your lane.

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

- Active Lane Keeping Assist detects lane markings.
- A front wheel passes over the lane markings.

You will also be guided back into your lane by means of a course-correcting brake application if the following conditions are met:

- Active Lane Keeping Assist detects lane markings on both sides.
- A front wheel drives over a solid lane marking.

Whether a warning is issued and when this occurs also depends on the selected sensitivity setting (standard or adaptive).

If you fail to adapt your driving style, Active Lane Keeping Assist can neither reduce the risk of an accident nor override the laws of physics. It cannot take into account road, weather or traffic conditions. Active Lane Keeping Assist is only an aid. You are responsible for the distance to the

vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

Vehicles with Lane Tracking Package: If the lane markings are solid lines and you do not react to the warning, a lane-correcting brake application can bring the vehicle back into the original lane.

Vehicles with Driving Assistance Package or Driving Assistance Plus Package: If you do not react to the warning, a lane-correcting brake application can bring the vehicle back into the original lane. In the case of a broken lane marking being detected, a brake application will only be made if a vehicle has been detected in the adjacent lane. Oncoming vehicles, overtaking vehicles and vehicles in adjacent lanes can be detected.

The brake application is available in the speed range between 40 mph (60 km/h) and 120 mph (200 km/h).



If a lane-correcting brake application occurs, display ① appears in the multifunction display.

System borders

No lane-correcting brake application occurs in the following situations:

- You clearly and actively steer, brake or accelerate.
- You have switched on the turn signal indicator.
- A driving safety system intervenes, such as ESP®, Active Brake Assist or Active Blind Spot Assist.

- You have adopted a sporty driving style with high cornering speeds or high rates of acceleration.
- ESP® is deactivated.
- When driving with a trailer, the electrical connection to the trailer has been correctly established.
- If a loss of tire pressure or a defective tire has been detected and displayed.

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

- There is poor visibility, e.g. due to insufficient illumination of the road, highly variable shade conditions, or due to rain, snow, fog or heavy spray.
- There is glare, e.g. from the sun, reflections or oncoming traffic.
- There is dirt on the windshield in the vicinity of the multifunction camera or the camera is fogged up, damaged or obscured.
- No or several, unclear lane markings are present for one lane, e.g. in a construction area.

- The lane markings are worn, dark or covered.
- The distance to the vehicle in front is too small and the lane markings thus cannot be detected.
- The lane markings change quickly, e.g. lanes branch off, cross one another or merge.
- The road is very narrow and winding.

Vehicles with Driving Assistance Package or Driving Assistance Plus Package:

Active Lane Keeping Assist uses radar sensors to monitor several areas around the vehicle. If the radar sensors in the rear bumper are dirty or covered with snow, the system may be impaired or may not function. If an obstacle in the lane in which you are driving has been detected, no lane-correcting brake application occurs.

Activating Active Lane Keeping Assist

⚠ WARNING Risk of accident despite warning from Active Lane Keeping Assist

A lane-correcting brake application cannot always bring the vehicle back into the original lane.

▶ Always steer, brake or accelerate yourself, especially if Active Lane Keeping Assist warns you or makes a lane-correcting brake application.

⚠ WARNING Risk of accident despite intervention of Active Lane Keeping Assist

Active Lane Keeping Assist does not detect traffic conditions or road users. In very rare cases, the system may make an inappropriate brake application, e.g. after intentionally driving over a solid lane marking.

The brake application can be interrupted at any time if you steer slightly in the opposite direction.

▶ Always make sure that there is sufficient distance to the side for other traffic or obstacles.

⚠ WARNING Risk of accident despite Lane Keeping Assist

Lane Keeping Assist cannot always clearly detect lane markings.

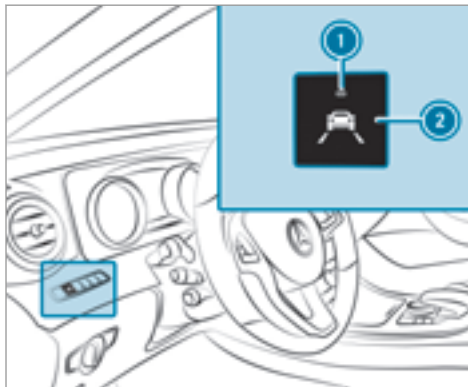
In such cases, Lane Keeping Assist can:

- give an unnecessary warning
- not give a warning

▶ Always pay particular attention to the traffic situation and keep within the lane, especially if Active Lane Keeping Assist alerts you.

Prerequisite

The driving speed is at least 40 mph (60 km/h).



- ▶ Press button ②.
If indicator lamp ① lights up, Lane Keeping Assist is activated. When lane markings are detected, the lines in the assistance graphic are shown in white.

Sensitivity of Active Lane Keeping Assist

With the standard or adaptive setting, you can influence when the warning vibration of Lane Keeping Assist takes place.

In both the standard and adaptive settings, no warning vibration occurs in the following situations:

- You have switched on the turn signal indicator.
- A driving safety system intervenes, such as ABS, BAS or ESP®.

In the adaptive setting, there will also be no warning vibration in the following situations:

- The vehicle is accelerated or braked considerably.
- You steer actively, e.g. swerve to avoid an obstacle or change lane quickly.
- You cut the corner on a sharp bend.

Setting the sensitivity of Active Lane Keeping Assist

Multimedia system:

➔ Vehicle ➔  Assistance ➔ Act. Lane Keep. Assist

Selection options

- ▶ Select **Adaptive** or **Standard**.