

Problems with PARKTRONIC

Problem	Possible causes/consequences and ► Solutions
Only the red segments in the PARKTRONIC warning displays are lit. You also hear a warning tone for approximately two seconds. PARKTRONIC is then deactivated and the indicator lamp on the PARKTRONIC button lights up.	PARKTRONIC has malfunctioned and has switched off. ► If problems persist, have PARKTRONIC checked at a qualified specialist workshop.
Only the red segments in the PARKTRONIC warning displays are lit. PARKTRONIC is then deactivated.	The PARKTRONIC sensors are dirty or there is interference. ► Clean the PARKTRONIC sensors (▷ page 358). ► Switch the ignition back on. The problem may be caused by an external source of radio or ultrasound waves. ► See if PARKTRONIC functions in a different location.

Active Parking Assist**General notes**

Active Parking Assist is an electronic parking aid with ultrasound. It measures the road on both sides of the vehicle. A parking symbol indicates a suitable parking space. Active steering intervention and brake application can assist you during parking and when exiting a parking space. You may also use PARKTRONIC (▷ page 218).

Important safety notes

Active Parking Assist is merely an aid. It is not a replacement for your attention to your immediate surroundings. You are always responsible for safe maneuvering, parking and exiting a parking space. Make sure that no persons, animals or objects are in the maneuvering range.

When PARKTRONIC is switched off, Active Parking Assist is also unavailable.

⚠ WARNING

While parking or pulling out of a parking space, the vehicle swings out and can drive onto areas of the oncoming lane. This could result in a collision with another road user. There is a risk of an accident.

Pay attention to other road users. Stop the vehicle if necessary or cancel the Active Parking Assist parking procedure.

❗ If unavoidable, you should drive over obstacles such as curbs slowly and not at a sharp angle. Otherwise, you may damage the wheels or tires.

Active Parking Assist may possibly indicate parking spaces which are not suitable for parking, for example:

- where parking or stopping is prohibited
- in front of driveways or entrances and exits
- on unsuitable surfaces

Parking tips:

- On narrow roads, drive as close to the parking space as possible.
- Parking spaces that are littered or overgrown might be identified or measured incorrectly.
- Parking spaces that are partially occupied by trailer drawbars might not be identified as such or be measured incorrectly.
- Snowfall or heavy rain may lead to a parking space being measured inaccurately.
- Pay attention to the PARKTRONIC (> page 220) warning messages during the parking procedure.
- You can intervene in the steering procedure to correct it at any time. Active Parking Assist will then be canceled.
- When transporting a load which protrudes from your vehicle, you should not use Active Parking Assist.
- Never use Active Parking Assist when snow chains are installed.
- Make sure that the tire pressures are always correct. This has a direct influence on the parking characteristics of the vehicle.

Use Active Parking Assist for parking spaces:

- that are parallel or at right-angles to the direction of travel
- that are on straight roads, not bends
- that are on the same level as the road, e.g. not on the pavement

Detecting parking spaces

Objects located above the height range of Active Parking Assist will not be detected when the parking space is measured. These are not taken into account when the parking procedure is calculated, e.g. overhanging loads, tail sections or loading ramps of goods vehicles.

WARNING

If there are objects above the detection range:

- Active Park Assist may steer too early
- the vehicle may not stop in front of these objects.

You may cause a collision as a result. There is a risk of an accident.

If there are objects above the detection range, stop and deactivate Active Parking Assist.

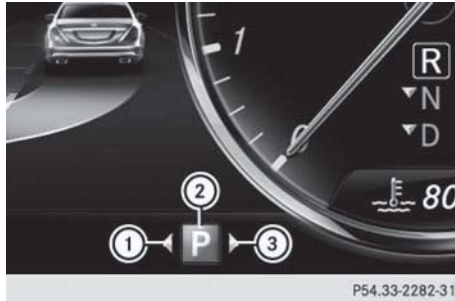
For further information on the detection range (> page 219).

Active Parking Assist does not support you with parking spaces at right-angles to the direction of travel if:

- two parking spaces are located directly next to one another
- the parking space is directly next to a low obstacle such as a low curb
- you park forwards

Active Parking Assist does not support you with parking spaces that are parallel or at right-angles to the direction of travel if:

- the parking space is on a curb
- the system reads the parking space as being blocked, for example by foliage or grass paving blocks
- the area is too small for the vehicle to maneuver into
- the parking space is bordered by an obstacle, e.g. a tree, a post or a trailer



- ① Detected parking space on the left
- ② Parking symbol
- ③ Detected parking space on the right

Active Parking Assist is switched on automatically when driving forwards. The system is operational at speeds of up to approximately 22 mph (35 km/h). While in operation, the system independently locates and measures parking spaces on both sides of the vehicle.

Active Parking Assist will only detect parking spaces:

- that are parallel or at right-angles to the direction of travel
- that are parallel to the direction of travel and at least 59 in (1.5 m) wide
- that are parallel to the direction of travel and at least 39.5 in (1.0 m) longer than your vehicle
- that are at right-angles to the direction of travel and at least 39.5 in (1.0 m) wider than your vehicle

i Note that Active Parking Assist cannot measure the length of a parking space if it is at right angles to the direction of travel. You will need to judge whether your vehicle will fit in the parking space.

When driving at speeds below 19 mph (30 km/h), you will see parking symbol as a status indicator in the instrument cluster. When a parking space has been detected, an arrow towards the right or the left also appears. By default, Active Parking Assist only displays parking spaces on the front-

passenger side. Parking spaces on the driver's side are displayed as soon as the turn signal on the driver's side is activated. When parking on the driver's side, this must remain switched on until you acknowledge the use of Active Parking Assist by pressing the **OK** button on the multifunction steering wheel. The system automatically determines whether the parking space is parallel or at right-angles to the direction of travel. A parking space is displayed while you are driving past it, and until you are approximately 50 ft (15 m) away from it.

Parking


⚠ WARNING


If you leave the vehicle when it is only being braked by Active Parking Assist it could roll away if:

- there is a malfunction in the system or in the voltage supply.
- the electrical system in the engine compartment, the battery or the fuses have been tampered with.
- the battery is disconnected.
- the accelerator pedal has been depressed, e.g. by a vehicle occupant.


There is a risk of an accident.

Before leaving the vehicle, always secure it against rolling away.

- i** When PARKTRONIC detects obstacles, Active Parking Assist brakes automatically during the parking process. You are responsible for braking in good time.
- ▶ Stop the vehicle when the parking space symbol shows the desired parking space in the instrument cluster.
- ▶ Shift the transmission to position **R**. The **Start Park Assist? Yes: OK No: ** message appears in the multifunction display.

- ▶ **To cancel the procedure:** press the  button on the multifunction steering wheel or pull away.

or

- ▶ **To park using Active Parking Assist:** press the  button on the multifunction steering wheel. The **Park Assist Active Accelerate and Brake Observe Surroundings** message appears in the multifunction display.

- ▶ Let go of the multifunction steering wheel.
- ▶ Back up the vehicle, being ready to brake at all times. When backing up, drive at a speed below approximately 6 mph (10 km/h). Otherwise Active Parking Assist will be canceled.

Active Parking Assist brakes the vehicle to a standstill when the vehicle approaches the rear border of the parking space.

Maneuvering may be required in tight parking spaces.

The **Park Assist Active Select D Observe Surroundings** message appears in the multifunction display.

- ▶ Shift the transmission to position **D** while the vehicle is stationary. Active Parking Assist immediately steers in the other direction. The **Park Assist Active Accelerate and Brake Observe Surroundings** message appears in the multifunction display.

- ▶ **i** You will achieve the best results by waiting for the steering procedure to complete before pulling away.

- ▶ Drive forwards and be ready to brake at all times. Active Parking Assist brakes the vehicle to a standstill.

The **Park Assist Active Select R Observe Surroundings** message appears in the multifunction display.

As soon as the parking procedure is complete, the **Park Assist Finished** message appears in the multifunction display and a warning tone sounds. The vehicle is now parked. The vehicle is kept stationary without the driver having to depress the brake pedal. The braking effect is canceled when you depress the accelerator pedal.

Active Parking Assist no longer supports you with steering interventions and brake applications. When Active Parking Assist is finished, you must steer and brake again yourself. PARKTRONIC is still available.

Parking tips:

- The way your vehicle is positioned in the parking space after parking is dependent on various factors. These include the position and shape of the vehicles parked in front and behind it and the conditions of the location. It may be the case that Active Parking Assist guides you too far into a parking space, or not far enough into it. In some cases, it may also lead you across or onto the curb. If necessary, you should cancel the parking procedure with Active Parking Assist.
- You can also select preselect transmission position **D**. The vehicle redirects and does not drive as far into the parking space. Should the transmission change take place too early, the parking procedure will be canceled. A sensible parking position can no longer be achieved from this position.

Exiting a parking space

In order that Active Parking Assist can support you when you exit the parking space:

- the border of the parking space must be high enough at the front and the rear. A curb is too small, for example.
- the border of the parking space must not be too wide, as the position of the vehicle must not exceed an angle of 45° to the

starting position as it is maneuvering into the parking space.

- a maneuvering distance of at least 3.3 ft (1.0 m) must be available.

Active Parking Assist can only assist you with exiting a parking space if you have parked the vehicle parallel to the direction of travel using Active Parking Assist.

i If PARKTRONIC detects obstacles, Active Parking Assist brakes automatically whilst the vehicle exits the parking space. You are responsible for braking in good time.

- ▶ Start the engine.
- ▶ Switch on the turn signal in the direction you are pulling away.
- ▶ Shift the transmission to position **D** or **R**. The **Start Park Assist? Yes: OK No: [OK]** message appears in the multifunction display.
- ▶ **To cancel the procedure:** press the **[OK]** button on the multifunction steering wheel or pull away.

or

- ▶ **To exit a parking space using Active Parking Assist:** press the **[OK]** button on the multifunction steering wheel. The **Park Assist Active Accelerate and Brake Observe Surroundings** message appears in the multifunction display.
- ▶ Let go of the multifunction steering wheel.
- ▶ Pull away, being ready to brake at all times. Do not exceed a maximum speed of approximately 6 mph (10 km/h) when exiting a parking space. Otherwise Active Parking Assist will be canceled.
- ▶ Shift the transmission to position **D** or **R** as required or according to the message while the vehicle is stationary. Active Parking Assist immediately steers in the other direction. The **Park Assist Active Accelerate and Brake Observe Surroundings** message appears in the multifunction display.

i You will achieve the best results by waiting for the steering procedure to complete before pulling away. If you back up after activation, the steering wheel is moved to the straight-ahead position.

- ▶ Drive forwards and back up as prompted by the PARKTRONIC warning displays, several times if necessary.

Once you have exited the parking space completely, the steering wheel is moved to the straight-ahead position. You hear a tone and the **Park Assist Finished** message appears in the multifunction display. You will then have to steer and merge into traffic on your own. PARKTRONIC is still available. You can take over the steering, before the vehicle has exited the parking space completely. This is useful, for example when you recognize that it is already possible to pull out of the parking space.

Canceling Active Parking Assist


- ▶ Stop the movement of the multifunction steering wheel or steer yourself. Active Parking Assist will be canceled at once. The **Park Assist Canceled** message appears in the multifunction display.

or

- ▶ Press the PARKTRONIC button (▷ page 220). PARKTRONIC is switched off and Active Parking Assist is immediately canceled. The **Park Assist Canceled** message appears in the multifunction display.

Active Parking Assist is canceled automatically if:

- the electric parking brake is engaged
- transmission position **P** is selected
- parking using Active Parking Assist is no longer possible

- you are driving faster than 6 mph (10 km/h)
- a wheel spins, ESP® intervenes or fails. The  warning lamp lights up in the instrument cluster.

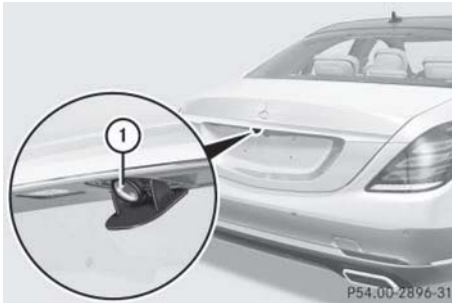
A warning tone sounds. The parking symbol disappears and the multifunction display shows the **Park Assist Canceled** message.

When Active Parking Assist is canceled, you must steer and brake again yourself.

If a system malfunction occurs, the vehicle is braked to a standstill. To drive on, depress the accelerator again.

Rear view camera

General notes



Rear view camera ① is in the trunk lid handle. Rear view camera ① is an optical parking and maneuvering aid. It shows the area behind your vehicle with guide lines in the COMAND display.

The area behind the vehicle is displayed as a mirror image, as in the rear view mirror.

- ❗ The text of messages shown in the COMAND display depends on the language setting. The following are examples of rear view camera messages in the COMAND display.

Important safety notes

The rear view camera is only an aid. It is not a replacement for your attention to your immediate surroundings. You are always responsible for safe maneuvering and parking. When maneuvering or parking, make sure that there are no persons, animals or objects in the area in which you are maneuvering.

Under the following circumstances, the rear view camera will not function, or will function in a limited manner:

- if the trunk lid is open
- in heavy rain, snow or fog
- at night or in very dark places
- if the camera is exposed to very bright light
- if the area is lit by fluorescent light or LED lighting (the display may flicker)
- if there is a sudden change in temperature, e.g. when driving into a heated garage in winter
- if the camera lens is dirty or obstructed. Observe the notes on cleaning (▷ page 358)
- if the rear of your vehicle is damaged. In this event, have the camera position and setting checked at a qualified specialist workshop

The field of vision and other functions of the rear view camera may be restricted due to additional accessories on the rear of the vehicle (e.g. license plate holder, bicycle rack).

- ❗ The rear view camera is protected from raindrops and dust by means of a flap. When the rear view camera is activated, this flap opens.

The flap closes again when:

- you have finished the maneuvering process
- you switch off the engine

Observe the notes on cleaning (▷ page 358).