

General information

- The system provides support when driving at speeds above approx. 10 mph (15 km/h).
- At speeds below 10 mph (15 km/h), the driver is supported by Rear Turn Assist, but only when driving off and on the vehicle side on which the turn signal was actuated.
- Rear Turn Assist is active at speeds up to approx. 12 mph (20 km/h).
- Lane Change Assist and Rear Turn Assist are not available if the system detects that the radar sensors are covered.
- The radar sensors can sometimes detect other objects (e.g. high or raised crash barriers), not only vehicles.
- The display is designed so that you notice it merely by glancing at the door mirror.

i Information

If the position of the radar sensors was changed following an accident, for example, this can impair the function of Lane Change Assist.

- Visit an authorized Porsche dealer. Porsche recommends an authorized Porsche dealer, as they have trained technicians and the necessary parts and tools.

i Information

To ensure that Lane Change Assist operates correctly:

- Do not cover the radar sensors on the rear bumper (e.g. with stickers). Keep the area clean and free of snow and ice.
- Do not cover the warning indicator on the door mirror (e.g. with stickers or stick-on blind spot mirrors).
- Subsequent painting of the bumper may lead to a reduction in the sensor range owing to the thicker coating layer. The electrical properties may also differ from those of the approved paints.



Fig. 97: Radar sensors in rear bumper

Operating principle

Using the radar sensors integrated in the rear bumper, Lane Change Assist measures the distance and speed difference of the detected vehicles in

relation to your vehicle. The radar sensors cover an area of up to 230 ft. (70 m) to the rear (approach zone) and the blind spot.

Whenever Lane Change Assist assesses the speed difference and distance as being critical for changing lanes, this is indicated on the respective door mirror. The two sides of the vehicle are shown separately here. Therefore, for example, the indicator on the left door mirror assists the driver in changing to the left lane.

If a vehicle regarded as critical has switched on its turn signal, the respective warning indicator on the door mirror will flash brightly and briefly several times.

If you overtake another vehicle slowly (with a speed difference of less than approx. 10 mph (15 km/h), the warning indicator lights up as soon as that vehicle is in your blind spot and is detected by Lane Change Assist. If the speed difference is greater, no warning indicator will be activated on the door mirror.

The speed range of the Lane Change Assist is not reached immediately after driving off. Until it is reached, the driver is supported by the Rear Turn Assist.

When the turn signal is on, the Rear Turn Assist detects objects located next to and behind your vehicle, but only at the side on which the turn signal has been activated. If a potential hazard is detected, the respective warning indicator on the door mirror lights up. If your own calculated driving path crosses that of a detected vehicle on the side of the vehicle on which the turn signal has been activated, the respective warning indicator on the door mirror will flash brightly and briefly several times.