Audi Q3 – Driver Assistance Systems

Convenience and safety: driver assistance systems
The Audi Q3 is also at the top of its class when it comes to assist systems. The highlight is the adaptive cruise assist, which is available optionally in combination with S tronic. It incorporates the functions of adaptive speed assist, traffic jam assist and active lane assist.

In this way it assists the driver with longitudinal and lateral control – substantially enhancing comfort on long journeys in particular. The same applies to the lane change warning. If the two radar sensors at the rear detect a vehicle located in the blind spot or approaching quickly from behind, a warning LED is lit in the relevant exterior mirror.

The Audi Q3 makes maneuvering easier thanks to functions such as the park assist. It steers the SUV automatically into and out of parking spaces. The driver only has to accelerate, brake and shift gears. If the driver wants to reverse out of a parallel parking space or a tight entrance, cross traffic assist is activated. The system monitors the area behind the vehicle using two radar sensors and alerts the driver in critical situations. The four 360 degree cameras provide another useful function. They show on the large infotainment screen the immediate surroundings of the Audi Q3 when moving at speeds up to 10 km/h (6.2 mph). Touch operation allows the driver to switch between various views. In addition to the virtual bird’s eye view, the reversing camera view and the front and rear 180° panoramic view, there is a detailed view of the front and rear wheels. This enables the driver to maneuver precisely up to the curb.

The Audi Q3 comes as standard with the Audi pre sense front safety system. It detects critical situations involving pedestrians, cyclists and other vehicles using the radar and provides the driver with a visual, audible and haptic warning. If necessary it initiates emergency braking. The standard specification also includes the lane departure warning. It is active from speeds of approximately 60 km/h (37.3 mph) and helps prevent the vehicle inadvertently drifting out of the lane. If the driver has not set an indicator and the car is about to cross the lane markings, the system assists with corrective steering intervention. As an option, the driver can set the steering wheel to provide an additional vibration.

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