

Greater assistance for the driver

Porsche has again extended its range of assistance systems for the Macan. More powerful sensors as well as data and image processing allow realisation of new functions. For example, the adaptive cruise control system has been developed into a Traffic Jam Assist function.

Using the radar sensor located in the middle of the central air intake, the adaptive cruise control system monitors the distance from vehicles driving in front and automatically adapts this. Vehicles that cut in from adjacent lanes are also detected. If necessary, the system will brake to a standstill when following a vehicle in front. Thanks to the stop-and-go function, the vehicle is able to independently move off again after braking to a standstill. If the vehicle is stopped for longer than three seconds, it is sufficient to briefly press the accelerator or resume the function with the control stalk in order to let the vehicle move off again.

Traffic Jam Assist provides assistance in queues

The additional Traffic Jam Assist function extends the stop-and-go function by steering assistance. Using the optimised radar and video sensor systems, the system detects lane markings and vehicles driving ahead in the same lane or adjacent lane in a speed range from zero to 65 km/h. When the system is active, the vehicle can be kept in lane by targeted steering interventions. When in a traffic jam or slow-moving traffic, this leads to a considerable reduction in the strain on the driver and significantly increased comfort. The reduced stopping distance function is part of the adaptive cruise control system and thus also of Traffic Jam Assist. This function provides multi-level warnings and braking interventions in there is a risk of collision with pedestrians or vehicles. Other assistance systems for lane keeping and lane changes as well as speed limit display are also still optionally available.

ParkAssist with reversing camera and Surround View

Porsche supports the driver of the new Macan in everyday traffic with a three-stage system of parking assistance functions. The optional ParkAssist at front and rear informs the driver with visual and acoustic warnings when manoeuvring and parking. This function uses ultrasonic sensors located at the front and rear of the vehicle. ParkAssist can also be optionally supplemented with a reversing camera. This supports manoeuvring by displaying a colour camera image with dynamic guide lines and distances from potential obstacles on the screen of the PCM. ParkAssist with Surround View calculates a birds-eye view from four individual cameras that helps when parking and manoeuvring. The display on the PCM screen now has a much higher resolution.

New comfort options: heated windscreen and heat-insulating glass

Glass options are available in different levels so that the comfort of the Macan can be personalised to meet individual needs. A heated windscreen is optionally available for the compact SUV for the first time. For this, a special film is integrated in the windscreen that does not need any heating wires.

The Macan can also be optionally equipped with enhanced thermally and noise insulated

laminated glass. A new acoustic film in the laminated glass design provides improvements in three key areas: almost 100% of harmful UV rays are completely blocked, noise from the outside is reduced even more effectively, and the protection against breaking into the vehicle is increased.

The thermally and noise insulated glass is optionally available in combination with privacy glass. With this equipment option, which is also available separately, all windows behind the B-pillar are heavily tinted. This tinting reduces visible light to below 20 percent for the rear side windows (below 30 percent in combination with the thermally and noise insulated glass) and below 30 percent for the rear window. To further increase privacy, the privacy glass can be supplemented with the optional sun blinds for the rear side windows.