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ŠKODA OCTAVIA RS: New technology and assistance systems

- › Making its ŠKODA OCTAVIA RS debut: DSG operation using shift-by-wire technology
- › Progressive steering for increased dynamics and optimised handling as standard
- › New assistance systems such as Collision Avoidance Assist and Turn Assist

Mladá Boleslav, 30 November 2020 – The OCTAVIA RS can be ordered with any of the new technologies and innovative assistance systems the fourth-generation OCTAVIA has to offer. Shift-by-wire technology to operate the car's DSG is making its OCTAVIA RS debut. Furthermore, the car now also boasts new systems, such as Collision Avoidance Assist and Turn Assist, to increase active safety.

The OCTAVIA RS makes use of new shift-by-wire technology to operate its DSG. The gear selector is no longer connected to the gearbox mechanically. Instead, it relays which gear has been chosen electronically. This saves space and offers new design options for the interior. The familiar DSG lever has been replaced with a new control module, housed in the centre console. This module features a small rocker switch for selecting the drive modes – R (reverse), N (neutral) and D/S (drive/sport) – as well as a button for the parking mode, P.

Progressive steering as standard

The OCTAVIA RS features progressive steering as standard. This ensures dynamic steering response and improved handling at higher speeds, while also providing optimum feel at low speeds. In addition, the OCTAVIA RS models' steering is transmitted much more directly in contrast to the standard steering: from lock to lock, only 2.13 instead of 2.70 turns of the steering wheel are required.

New innovative and further improved driver assistance systems

The OCTAVIA RS comes with innovative and further developed assistance systems as seen in the fourth-generation OCTAVIA. By making targeted interventions in the steering, for example, the new Collision Avoidance Assist helps to drive around a pedestrian, cyclist or other vehicles, which helps to prevent an impending collision. At junctions, Turn Assist can detect oncoming traffic at an early stage when turning left, it can warn the driver or automatically stop the vehicle. The Exit Warning system, available from spring 2021, lets the occupants know if another vehicle or a cyclist is approaching from behind when a car door is open. Another new feature is the local Traffic Warning function, which automatically warns of traffic hold-ups in the car's immediate surroundings, such as the end of a traffic jam. Side Assist warns the driver of vehicles approaching from behind or that are in the car's blind spot. It monitors an area up to 70 m behind the vehicle and also helps to prevent accidents on motorways and dual carriageways. The system warns the driver by emitting a light on the inside of the wing mirror housings, where it is clearly visible. Side Assist is not active when towing a trailer or when a bicycle carrier is fitted to the tow bar. In urban environments, Front Assist – including Predictive Pedestrian and Cyclist Protection – warns of collisions visually, acoustically and by gently applying the brakes, slowing the car down when necessary. It detects moving and stationary vehicles in the direction of traffic, and also cyclists and people who are moving in front of the car.



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ŠKODA AUTO

- › is this year celebrating 125 years since the company was founded during the pioneering era of the automobile in 1895, making it one of the longest-established car manufacturers in the world.
- › currently offers its customers ten passenger-car series: the CITIGO[®] iV, FABIA, RAPID, SCALA, OCTAVIA and SUPERB as well as the KAMIQ, KAROQ, KODIAQ and ENYAQ iV.
- › delivered 1.24 million vehicles to customers around the world in 2019.
- › has been part of Volkswagen Group since 1991. Volkswagen Group is one of the most successful vehicle manufacturers in the world. In association with the Group, ŠKODA AUTO independently develops and manufactures vehicles, as well as components such as engines and transmissions.
- › operates at three locations in the Czech Republic; manufactures in China, Russia, Slovakia and India mainly through Group partnerships, as well as in Ukraine and Kazakhstan with local partners.
- › employs approximately 42,000 people globally and is active in more than 100 markets.
- › is pressing ahead with the transformation from a traditional car manufacturer into the 'Simply Clever company for the best mobility solutions' as part of the ŠKODA 2025 Strategy.