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PRESS RELEASE

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Eco-friendly alternative: ŠKODA OCTAVIA G-TEC now with significantly more power and increased CNG range

- › New 1.5 TSI engine now with even more advanced optimisation for running on eco-friendly CNG (compressed natural gas)
- › Considerably increased output of 96 kW (130 PS) with low NO_x and CO₂ emissions
- › Three CNG tanks with greater capacity for a range of up to 480 kilometres in CNG mode

Mladá Boleslav, 21 September 2018 – ŠKODA is upgrading its range of eco-friendly CNG vehicles. The ŠKODA OCTAVIA G-TEC now boasts a new, more powerful 1.5 TSI engine with an output of 96 kW (130 PS). Exclusively available with a COMBI body and the Active, Ambition or Style equipment lines, the ŠKODA OCTAVIA G-TEC achieves a range of 480 kilometres in its more eco-friendly pure CNG mode. This is based on three tanks holding a total of 17.7 kilograms of CNG. An additional 11.8-litre petrol tank safeguards mobility in regions without CNG filling stations.

The new 1.5-litre engine in the ŠKODA OCTAVIA G-TEC has an output of 96 kW (130 PS) – 15 kW (20 PS) more than its predecessor. Thanks to variable intake valve timing with Miller cycle operation, it is also very efficient. In CNG mode, CO₂ emissions are reduced even further, by around 25 per cent compared to petrol, with considerably lower nitrogen oxide (NO_x) output and no particulate emissions. As a result, the ŠKODA OCTAVIA G-TEC complies with EU6d-TEMP, the most stringent current emissions standard, making it an eco-friendly alternative to cars running on conventional fuels.

Natural gas as an eco-friendly bridging technology

Compressed natural gas (CNG) has a higher energy content than petrol or diesel. It is cheaper and burns more cleanly and silently. Using biogas from wastewater or agricultural production or synthetic gas instead of CNG achieves an even more favourable environmental footprint. Further improvements can be made when power from renewable sources is used in gas production. Natural gas thus acts as a bridge between fossil fuels and electric mobility. Moreover, a vehicle running on CNG is as quick and easy to refuel as a petrol or diesel model.

480-kilometre range in pure CNG mode

The three CNG tanks in the ŠKODA OCTAVIA G-TEC have a total capacity of 17.7 kilograms. The tank positioned in front of the rear axle is made of steel. The other two tanks, situated under the luggage compartment, are fashioned from a new composite material that combines ultimate safety with low weight. When operated on CNG alone, the OCTAVIA G-TEC can cover a range of around 480 kilometres. Should the CNG supply run out, the car will automatically switch to petrol mode, using 11.8 litres of petrol carried in an additional tank.

The ŠKODA OCTAVIA G-TEC 1.5 TSI is available with the Active, Ambition and Style equipment lines, in COMBI format only, and comes with a seven-speed DSG transmission. The ŠKODA Connect online services for the G-TEC also include the Emergency Call and Care Connect. The ŠKODA Connect app, for example, shows the driver the remaining CNG, petrol and overall range.



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The new ŠKODA OCTAVIA G-TEC

The 1.5 TSI engine in the ŠKODA OCTAVIA G-TEC enables a range of 480 kilometres when run on CNG alone.

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Source: ŠKODA AUTO



The new ŠKODA OCTAVIA G-TEC

Compared to the predecessor model, the power output of the new ŠKODA OCTAVIA G-TEC has increased by a substantial 15 kW (20 PS), to 96 kW (130 PS).

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Source: ŠKODA AUTO



The new ŠKODA OCTAVIA G-TEC

The ŠKODA OCTAVIA G-TEC is available with the Active, Ambition and Style equipment lines, in COMBI format only, and comes with a seven-speed DSG transmission as standard.

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Source: ŠKODA AUTO



The new ŠKODA OCTAVIA G-TEC

When run on eco-friendly compressed natural gas (CNG), the ŠKODA OCTAVIA G-TEC emits significantly less CO₂ and NO_x than a conventional petrol engine.

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Source: ŠKODA AUTO



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The new ŠKODA OCTAVIA G-TEC

An additional 11.8-litre petrol tank safeguards mobility in regions without CNG filling stations if the car should ever run out of gas.

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Source: ŠKODA AUTO



The new ŠKODA OCTAVIA G-TEC

Two CNG tanks made of a new composite material located under the boot (yellow) and a steel tank in front of the rear axle (blue) together hold 17.7 kg of natural gas.

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Source: ŠKODA AUTO

ŠKODA AUTO

- › was founded during the pioneering days of the automobile in 1895, making it one of the longest-established automobile companies in the world.
- › currently offers its customers eight passenger-car series: the CITIGO, FABIA, RAPID, OCTAVIA, KAROQ, KODIAQ, as well as the KAMIQ (in China) and the SUPERB.
- › delivered more than 1.2 million vehicles to customers around the world in 2017.
- › has belonged to Volkswagen Group since 1991. The 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, Algeria and India mainly through Group partnerships, as well as in Ukraine and Kazakhstan with local partners.
- › employs over 35,000 people globally and is active in more than 100 markets.
- › is transforming from being a traditional car manufacturer to a 'Simply Clever Company for Optimal Mobility Solutions' as part of ŠKODA Strategy 2025.