

## The Škoda 4×4 model range: Safe driving in all weather and challenging terrain

- › Škoda offers its broadest 4×4 line-up to date, spanning the Octavia, Superb, Karoq and Kodiaq, plus the all-electric Elroq and Enyaq ranges
- › Combustion-engine 4×4 models use a new generation electronically controlled multi-plate clutch, integrated with the vehicle's systems for faster, smoother torque distribution and improved handling
- › Predictive all-wheel-drive control adjusts torque distribution within milliseconds, enhancing traction, stability and safety on wet roads, snow and unpaved surfaces
- › Škoda 4×4 models enjoy particularly strong demand in Alpine and Nordic markets

Mladá Boleslav, 24 February 2026 – Škoda Auto continues to build on its long-standing all-wheel-drive heritage and currently offers customers its broadest 4×4 portfolio across a wide range of segments: from the Octavia and Superb, through the Karoq and Kodiaq SUVs, to the all-electric Elroq and Enyaq models. State-of-the-art all-wheel-drive technology improves traction, stability, safety and comfort by supporting driving dynamics in demanding conditions, for example on wet roads, snow and unpaved surfaces. A comprehensive overview of the strengths and specific advantages of Škoda 4×4 models can be found on the [Škoda Storyboard](#).

**Johannes Neft, Board Member for Technical Development**, says: “Škoda all-wheel-drive vehicles combine everyday usability with even greater driving stability and safety. The AWD system of our combustion engine models is designed to react within milliseconds when wheels start to slip, using an inter-axle clutch and torque vectoring to direct torque where it is most effective. Moreover, a multi-link rear axle improves ride comfort, especially when traction is low. In the all-electric Enyaq and Elroq models, software coordinates the electric motors on both axles to provide AWD performance in all conditions. Additional features of our Škoda 4×4 models that further support the driver on demanding surfaces include off-road mode and downhill assistance.”

### **Intelligent 4×4: new-generation electronically controlled multi-plate clutch and improved driving dynamics**

In Škoda's 4×4 combustion-engine models, the core of the system is an electronically controlled multi-plate clutch that is fully integrated with the vehicle's electronic and driver-assistance systems for a particularly quick and smooth response. The system operates completely automatically, with the control unit continuously evaluating sensor inputs such as wheel speed, steering angle, and longitudinal and lateral acceleration. It adjusts torque distribution between the axles in real time, supporting more stable cornering behaviour and

assured traction, even on surfaces with varying grip. When all-wheel drive is not required, the system optimises torque transfer.

#### **4×4 via two electric motors: Škoda's all-wheel-drive electric model portfolio**

The all-wheel-drive versions of the all-electric Elroq and Enyaq use two electric motors, with one powering the front axle and the other the rear. The electronically controlled coordination of the motors provides all-wheel drive when required. The rear axle features a permanent-magnet synchronous motor (PMSM), supporting efficiency in most driving situations. When needed, a front asynchronous motor (ASM) provides drive to the front wheels. The ASM combines short-term overload capability with low friction losses when not engaged. Because there is no propshaft, clutch or differentials, there is no mechanical connection between the two axles, allowing the system to respond quickly and operate efficiently.

The 4×4 versions of the Elroq and the Enyaq family are available in two power outputs. All models use the same technical layout: two electric motors with 210 kW at the rear and 80 kW at the front. The system output is 210 kW\* for the 85x version and 250 kW\* for the RS version. Last year, Škoda delivered almost 7,000 Elroq models with a 4×4 drivetrain, with the highest demand in Germany, Norway and Switzerland. The Enyaq family with a 4×4 drivetrain was delivered to more than 30,000 customers in total, primarily in Germany, Norway and the UK.

#### **Škoda Kodiaq 4×4**

The family SUV has long been one of Škoda's most sought-after all-wheel-drive models. It is available with the 2.0 TDI/142 kW, 2.0 TSI/150 kW and, for the RS variant, the 2.0 TSI/195 kW engine. Among Škoda 4×4 models, which are a popular choice for customers who regularly tow caravans, sports equipment or horses, for example, the Kodiaq stands out: depending on the specification, it can tow trailers up to 2.5 tonnes and supports the driver with assistance systems for safer towing. In 2025, 4×4 versions accounted for 39% of registrations in EU 27+4.

#### **Škoda Superb 4×4**

The Superb 4×4 combines a refined driving experience and smooth power delivery with high driving stability in any driving situation. It is available with the 2.0 TDI/142 kW diesel or the 2.0 TSI/195 kW petrol engine, in both liftback and estate body styles. The Superb 4×4 is most popular with customers in Germany, the Czech Republic and Poland, with all-wheel drive accounting for 29% of Superb vehicles delivered in 2025. The best-selling all-wheel-drive Superb version is paired with the 2.0 TDI/142 kW engine.

#### **Škoda Octavia 4×4**

The Octavia 4×4 combines the bestseller's proven values, such as practicality and efficiency, with safety and reassurance on slippery surfaces. All-wheel drive is offered exclusively with

the 2.0 TSI/150 kW petrol engine for both body styles – liftback and estate. In traditionally strong Alpine and Nordic regions, the Octavia 4×4 has long been among the most sought-after variants – for example in Switzerland, but also in important markets such as Germany and Poland.

#### **Škoda Karoq 4×4**

With the compact SUV, customers can choose all-wheel drive with either the 2.0 TSI/140 kW petrol engine or the 2.0 TDI/110 kW diesel. As a 4×4, the Karoq always comes with Off-road driving mode – for use away from paved roads – and Hill Descent Assist. In 2025, the largest share of Karoq all-wheel-drive vehicles was delivered to customers in Germany, Switzerland and the Czech Republic. For 4×4, customers most frequently choose the 2.0 TDI with 110 kW.

#### **The Škoda all-wheel-drive range: A success story**

Since 2020, Škoda Auto has delivered a total of more than 110,000 all-electric all-wheel-drive vehicles, which are traditionally strongest in Alpine and Nordic markets such as Switzerland, Germany, Norway and Sweden. In 2025, the Czech car manufacturer delivered a total of 125,895 all-wheel-drive vehicles worldwide.

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\* The maximum power is determined in accordance with UN-GTR.21. The maximum power is available when the high-voltage battery is at its highest possible state of charge (SoC) and operating within its optimal temperature range. The power available varies according to the driving scenario and is influenced by factors including the battery's temperature, its SoC, and the physical ageing of the high-voltage battery.

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Video and infographics



**Video: The Škoda 4x4 range: Safe driving in all weather and challenging terrain**

The video presents Škoda's 4x4 technology across different model series. Rally driver and WRC2 World Champion Emil Lindholm presents the range in real driving situations, demonstrating the benefits of all-wheel drive.

Source: Škoda Auto



**Infographic: The Škoda 4x4 range: Safe driving in all weather and challenging terrain**

Sales figures of Škoda's 4x4 models at a glance.

Source: Škoda Auto



**Infographic: The Škoda 4x4 range: Safe driving in all weather and challenging terrain**

Technical details of Škoda's 4x4 range at a glance

Source: Škoda Auto

**Škoda Auto**

- › is successfully steering through the new decade with the Next Level Škoda Strategy;
- › aims to become one of the top three best-selling brands in Europe by the end of the decade by offering its customers the best of both worlds through a range of attractive BEV, hybrid & ICE products;
- › effectively exploits the potential in important growth markets such as India, Vietnam and the ASEAN region;
- › currently offers customers 12 passenger car model ranges: Fabia, Scala, Octavia, Superb, Kamiq, Karoq, Kodiaq, Elroq, Enyaq, Slavia, Kylaq and Kushaq;
- › delivered more than 1,040,000 vehicles to customers worldwide in 2025;
- › has been part of the Volkswagen Group, one of the world's most successful car manufacturers, for more than 30 years;
- › is part of Brand Group CORE, an organisational merger of the Volkswagen Group's volume brands, with the aim of achieving joint growth and significantly increasing the overall efficiency of all five volume brands;
- › independently develops and produces components such as MEB battery systems, engines and transmissions for other Volkswagen Group brands;
- › operates three production plants in the Czech Republic; has production capacities in China, Slovakia and India, mostly through group partnerships, as well as in Vietnam and Ukraine in cooperation with a local partner;
- › employs around 40,000 people worldwide and is active in almost 100 markets.