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## ŠKODA FABIA 1.0 TSI: dynamic three-cylinder engine with low fuel consumption

- › ŠKODA's small car with more power and dynamism, up to 6 per cent less fuel consumption
- › 1.0-litre cylinder capacity with 70 kW (95 PS) or 81 kW (110 PS)
- › Efficient and environmentally friendly due to lightweight construction and state-of-the-art technology
- › Acceleration from 80-120 km/h improved by up to 3.9 seconds
- › With new ŠKODA Connect services 'always on'
- › Premiere at the Geneva International Motor Show

Mladá Boleslav, 1 March 2017 – Less cylinder capacity, more power. In the ŠKODA FABIA and ŠKODA FABIA COMBI, a 1.0 TSI engine with three cylinders and four valves is replacing the 1.2-litre engine with four cylinders that has been used to date. The new engine offers more power. The power output of the ŠKODA FABIA 1.0 TSI is 70 kW (95 PS), while the output of the more powerful version is at 81 kW (110 PS) but offers an improved torque of 200 Nm (previously 175 Nm). Downsizing offers another advantage: the engines' fuel consumption has been reduced by up to six per cent. One reason for this is the three-cylinder's engine concept with a reduced weight of the free inertial forces and a more efficient oil pump. The revised ŠKODA FABIA and ŠKODA FABIA COMBI will be introduced to the public for the first time at the Geneva International Motor Show (7-19 March 2017).

### Injection pressure reduces consumption by up to 6 percent

Downsizing, lightweight construction, more turbo power – the ŠKODA FABIA and ŠKODA FABIA COMBI feature the Czech car manufacturer's latest developments under their bonnets. Thanks to an increase in injection pressure to 250 bar, both power variants of the new 1.0-litre engine offer better driving performance than the 1.2-litre engines that have been used up to now and they also achieve a reduction in fuel consumption of up to 6 per cent.

The third generation of the ŠKODA FABIA impresses with a dynamic and emotive design, a large amount of interior space, innovative safety, comfort and infotainment systems, and numerous 'Simply Clever' features. The car offers a range of in-car equipment that exceeds the current offering in the small car segment by far.

### Three-cylinder engine with very smooth running and sporty sound

Besides its smooth running, the ŠKODA FABIA's new 1.0-l TSI three-cylinder engine also impresses with its sporty and dynamic sound. With its compact construction and due to its lightweight aluminium crankcase, the engine weighs ten kilograms less than the 1.2-litre engine that has been used to date. The aluminium pistons and the connecting rods are so well balanced that the engine runs in a particularly smooth and refined manner with very little friction. A balancing shaft is therefore unnecessary. This saves on weight and helps to reduce fuel consumption and CO<sub>2</sub> emissions.





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The oil pump, which has a freely controllable flow rate, also helps with this. It continuously adjusts the pressure required to suit the engine load. The boost pressure, which reaches up to 1.6 bar (relatively), increases highly spontaneously due to the turbocharger's intercooler being integrated into the induction tract. The engine comes across as very responsive and dynamic because the frequency of the exhaust pulses generally builds quicker than with the four-cylinder, for example. This occurs even at low rpm, providing a clear advantage in city traffic.

## **The 1.0 TSI with 70 kW (95 PS): stronger, faster, more tractability and quicker acceleration**

The power output of the ŠKODA FABIA 1.0 TSI with manual five-speed transmission is 70 kW (95 PS). Torque remains unchanged at 160 Nm, yet the driving performance has been improved. Compared to the 1.2 litre engine with four cylinder used to date, the top speed has increased by 3 km/h to 185 km/h (ŠKODA FABIA COMBI: from 185 to 187 km/h) and the acceleration from 0 to 100 km/h has improved by 0.3 seconds to 10.6 seconds (ŠKODA FABIA COMBI: from 11.0 to 10.8 seconds). The engine's tractability from 60 to 100 km/h and from 80 to 120 km/h is identical to its predecessor. The fuel consumption and emissions of the hatchback and Combi, on the other hand, have dropped considerably from 4.6 l per 100 km (105 g CO<sub>2</sub>/km) to 4.3 l per 100 km (99 g CO<sub>2</sub>/km).

## **The 1.0 TSI with 81 kW (110 PS): power output unchanged, considerably more torque**

Just like its 1.2-litre predecessor, the more powerful 1.0-litre engine with manual six-speed transmission delivers 81 kW (110 PS); however, its torque has increased from 175 to 200 Nm. Acceleration from 0 to 100 km/h is achieved in 9.5 seconds (ŠKODA FABIA COMBI 9.6 seconds); the top speed is 196 km/h (ŠKODA FABIA COMBI 199 km/h). The increase in torque is most noticeable when accelerating on country roads or motorways. The improved tractability of the engine is most evident when it is combined with the optional 7-speed DSG transmission. In the highest gear, the short burst from 60 to 100 km/h can now be accomplished up to 2.6 seconds faster (ŠKODA FABIA hatchback 2.4 seconds), while acceleration from 80 to 120 km/h is as much as 4.1 seconds faster (ŠKODA FABIA hatchback 3.9 seconds). In the manual versions of the hatchback and Combi, the fuel consumption and emissions of the three-cylinder with 81 kW / 110 PS have dropped by 0.3 l to 4.4 l per 100 km (101 g CO<sub>2</sub>/km). For the DSG-transmission versions, the fuel consumption has reduced in both variants by 0.1 l to 4.5 l per 100 km (104 g CO<sub>2</sub>/km).

## **Driver assistance systems usually seen in higher segments**

The ŠKODA FABIA provides safety systems that exceed the current offering in the small car segment by far. In addition to six airbags, the Electronic Stability Control (ESC) and the XDS+ electronic differential lock, the portfolio also includes the optional Front Assist (reduces the risk of rear-end collisions) with the integrated City Emergency Brake function (which brings the vehicle to a standstill when an impending collision is detected). Adaptive Cruise Control (ACC) is also available for the new three-cylinder versions. This consistently maintains a gap from the vehicle in front at speeds of up to 160 km/h. The Multi-Collision Brake function automatically applies the ŠKODA FABIA's brakes after an accident to prevent any further damage. Driver Alert fatigue detection recognises a reduction in the driver's concentration and emits a warning. The Speed Limiter function prevents the vehicle from going above the chosen speed. Hill-Hold Control provides assistance when performing a hill start. The electronic tyre pressure monitor comes as standard in EU countries.





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Numerous comfort features also make the ŠKODA FABIA unique in the small car segment. These include the KESSY (**Keyless Entry Start and Exit System**) automatic electronic starting and locking system, and the front and rear parking sensors. The rain sensor as well as Light Assist provide optimum visibility. The former automatically regulates the speed of the windscreen wipers and the latter turns full beam on or off depending on the light conditions.

## **In-car ŠKODA Connect, help at the touch of a button**

As an option, occupants in the ŠKODA FABIA can be 'always online' thanks to the new ŠKODA Connect services, which consist of Infotainment Online and Care Connect. One of the most attractive services that Infotainment Online has to offer is online traffic information, which shows traffic flow on the selected route in real time and suggests alternative routes in the event of a traffic jam. Infotainment Online services also provide information on petrol stations, available parking spaces, the news and the weather.

The Care Connect services support drivers in many situations. Data is transferred via a SIM card that is permanently installed in the vehicle. The services include Emergency Call, which automatically connects to an emergency call centre when a restraint system has been deployed; it can also be operated manually.

The Care Connect services also include Breakdown Call – which can be used to arrange help, if necessary, or to provide answers to technical questions about the vehicle – and Proactive Service. Proactive Service allows service-relevant vehicle data to be sent to a ŠKODA garage in a timely manner before the vehicle's service. The driver can remotely access information about whether the windows, doors and sunroof are closed as well as the ŠKODA FABIA's remaining fuel level via the ŠKODA Connect app at any time. Furthermore, they can send navigation destinations to the car or display the vehicle's current parking location on their smartphone.

The SmartLink+ interface transfers selected smartphone apps including navigation apps to the infotainment system's display. The integrated SmartGate function makes it possible to collect and save vehicle data on a connected smartphone and use it on the move.

## **'Simply Clever' – the ŠKODA FABIA is packed full of well-thought-out features**

Like all ŠKODA models, the ŠKODA FABIA is packed full of 'Simply Clever' features, including an umbrella under the passenger seat, an ice scraper in the fuel filler flap, a multimedia cradle in the centre console's cup holder (provides space for a smartphone or iPod) a portable waste bin, a hi-vis-vest storage compartment and bottle holder in the door trims, storage nets on the inside of the front seats and space for a 1.0-litre bottle in the glove compartment.

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## Media images:



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Source: ŠKODA AUTO



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## **ŠKODA AUTO**

- › is one of the longest-established car manufacturers in the world. The company was founded in 1895 – during the pioneering days of the automobile. Today, the company's headquarters remain in Mladá Boleslav.
- › currently offers the following model series: CITIGO, FABIA, RAPID, OCTAVIA, YETI, KODIAQ and SUPERB.
- › delivered more than 1 million vehicles to customers worldwide in 2016.
- › has been part of Volkswagen Group since 1991, one of the most successful vehicle manufacturers in the world. ŠKODA, in association with the Group, independently manufactures and develops vehicles as well as components such as engines and gear transmissions.
- › operates at three locations in the Czech Republic; produces in China, Russia, Slovakia and India mainly through Group partnerships, as well as in Ukraine and Kazakhstan with local partners.
- › employs over 30,000 people globally and is active in more than 100 markets.

