



ŠKODA
SIMPLY CLEVER

PRESS RELEASE

Page 1 of 3

ŠKODA celebrates 13 millionth engine from Mladá Boleslav and launches production of new 1.0 TSI

- › State-of-the-art three-cylinder combines compact design with exemplary smoothness
- › Engines developed and built at ŠKODA headquarters in Mladá Boleslav for 118 years
- › ŠKODA manufacturing powertrains for Volkswagen Group brands since 1997
- › 1.0 TSI extends the engine family range once again

Mladá Boleslav, 20 February 2017 – ŠKODA has produced the 13 millionth engine. At the same time, the production of the new 1.0 TSI powertrain commences at the Mladá Boleslav engine plant. The three-cylinder turbo petrol engine belongs to the EA 211 family of engines, which ŠKODA builds in four displacement volumes. The four-valve unit with aluminium engine block is characterized by its compact dimensions and exemplary running smoothness. The production of powertrains at ŠKODA's headquarters began in 1899, when Václav Klement and Václav Laurin, the brand's founding fathers, constructed their first motorcycle.

"The milestone of 13 million units produced by ŠKODA represents 118 years of engineering skill and the performance of our team," says Michael Oeljeklaus, ŠKODA Board Member for Production and Logistics. "Our headquarters is one of the longest-established sites in the automotive industry for the construction and development of powertrains. With the production launch of the TSI three-cylinder EA 211 series, we are adding another chapter to this success story."

The first powertrain to leave Laurin & Klement's workshop in Mladá Boleslav was a 1.25 hp single cylinder for the Slavia motorcycles built by the company that was founded in 1895. Previously, Laurin and Klement had built bicycles under the brand name 'Slavia' in the Central-Bohemian town. In 1905, they constructed their first automobile, the Voiturette A, with a water-cooled 1,005 cc engine and 7 horsepower. In 1997, six years after the company's relaunch under the umbrella of the Volkswagen Group, ŠKODA supplied engines from Mladá Boleslav to sister brands within the group for the first time.

The production of the EA 211 model series began in 2012. This engine family is characterized by an aluminium cylinder block and twin overhead camshafts, which actuate four valves per cylinder. The exhaust manifold is integrated into the cylinder head.

The new 1.0 TSI once again extends the range of the engine family. The modern three-cylinder has weight-optimized, forged connecting rods and aluminium pistons. It does not require a balance shaft and features exemplary running smoothness. Compared to comparatively powerful four-cylinder engines, it is more compact, lighter and generates less friction, and thus operates much more efficiently.

In recent years, ŠKODA has significantly increased the main plant's production capacity for both vehicles and engines. Today, up to 2,300 engines are built in Mladá Boleslav per day. Some 1,400 people are employed in engine production.





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PRESS RELEASE

Page 2 of 3

ŠKODA is continually investing in the expansion of engine development and production. In 2014, the company opened its new engine centre. The following year, construction work on the extension began, which will be operational in March, 2017.

In addition to engines, ŠKODA produces gearboxes for its own models and models of sister brands. In Mladá Boleslav, the MQ 100 and MQ 200 manual transmissions run off the production lines, and the DQ 200 automatic direct-shift gearbox is produced at Vrchlabí, where the 1.5-millionth DSG was recently produced.

Milestones in ŠKODA engine production in Mladá Boleslav

- 1997: ŠKODA supplies engines to the Volkswagen Group for the first time; The first unit is a 1.0-litre petrol engine with 37 kW (50 hp) for the Group's small cars.
- 2001: The production of the 1.2 HTP from the family EA 111 begins in Mladá Boleslav.
- 2009: The EA 111 powertrain family is extended to include the turbo-petrol 1.2 TSI.
- 2012: In Mladá Boleslav, the construction of the motor centre begins. The centre houses 21 new engine and component test stands. It opens in April 2014. The new EA 211 family of engines is launched with versions 1.2 TSI and 1.4 TSI.
- 2014: The naturally aspirated petrol 1.6 MPI and 1.0 MPI extend the EA 211 family. The three-millionth 1.2 HTP engine runs off the line.
- 2015: ŠKODA lays the foundations for the engine-centre extension in Mladá Boleslav 500 000 units of the EA 211 engine family built.
- 2016: Next jubilee – one million EA 211 powertrains produced.
- 2017: Production launch of the state-of-the-art EA 211 three cylinder 1.0 TSI.

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Page 3 of 3

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Source: ŠKODA AUTO

ŠKODA AUTO

- › is one of the longest-established vehicle manufacturers in the world. The company was founded in 1895 – during the pioneering days of the automobile. The company's headquarters remain in Mladá Boleslav.
- › currently offers the following model series: CITIGO, FABIA, RAPID, OCTAVIA, YETI as well as the 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 car 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 26,600 people globally and is active in more than 100 markets.

