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ŠKODA MOTORSPORT PRESS RELEASE

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ŠKODA FABIA R5 evo already a class of its own, continues predecessor's story of success

- › ŠKODA FABIA R5 evo takes WRC 2 Pro category of FIA World Rally Championship 2019
- › New Czech rally scores more titles and victories for the Czech brand
- › ŠKODA FABIA R5 and ŠKODA FABIA R5 evo are with more than 320 cars sold the bestsellers in the segment

Since its homologation on 1 April 2019 by the international motorsport federation FIA, the new ŠKODA FABIA R5 evo had a very successful competitive year. The new Czech rally car followed successfully the footpaths of his predecessor. Around 40 new ŠKODA FABIA R5 evo were delivered to customers so far. In total, both generations of the Czech rally car have been sold more than 320 times worldwide.

The ŠKODA FABIA R5 evo adopts key design elements of the 2019 ŠKODA FABIA road car, at the same time getting important technical improvements. The optimization has touched technical key components, which are appreciated by the clients. The new rally car features improved engine performance in comparison with the predecessor version. The 1.6-litre turbo charged engine was upgraded improving power output and driveability.

Car

Base model	ŠKODA FABIA 3 rd generation
Length	3,994 mm
Max. width	1,820 mm
Min. weight	1,230 kg
Car body	Adjusted for 4x4
Roll cage	

Motor

Turbocharged, 4 cylinder	1,620 cm ³
Direct injection	
Max. power	212 kW
Max. torque	425 Nm

Powertrain

5-speed gearbox	
Sequential	
Mechanical differentials (front, rear)	

Chassis

McPherson	Front and rear
Brake discs	Asphalt ø 355 mm / width 32 mm Gravel ø 300 mm / width 32 mm

Electronics

Engine management sensors	Magneti Marelli
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Fuel system

Special fuel tank	Capacity 82.5 l
Consumption	0.6 l/km Special Stage

Rims

Asphalt	8"×18" – min. weight 8.9 kg
Gravel	7"×15" – min. weight 8.6 kg

Tires

Michelin	
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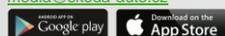
FABIA R5 evo

TECHNICAL SPECIFICATION

SOURCE: ŠKODA AUTO

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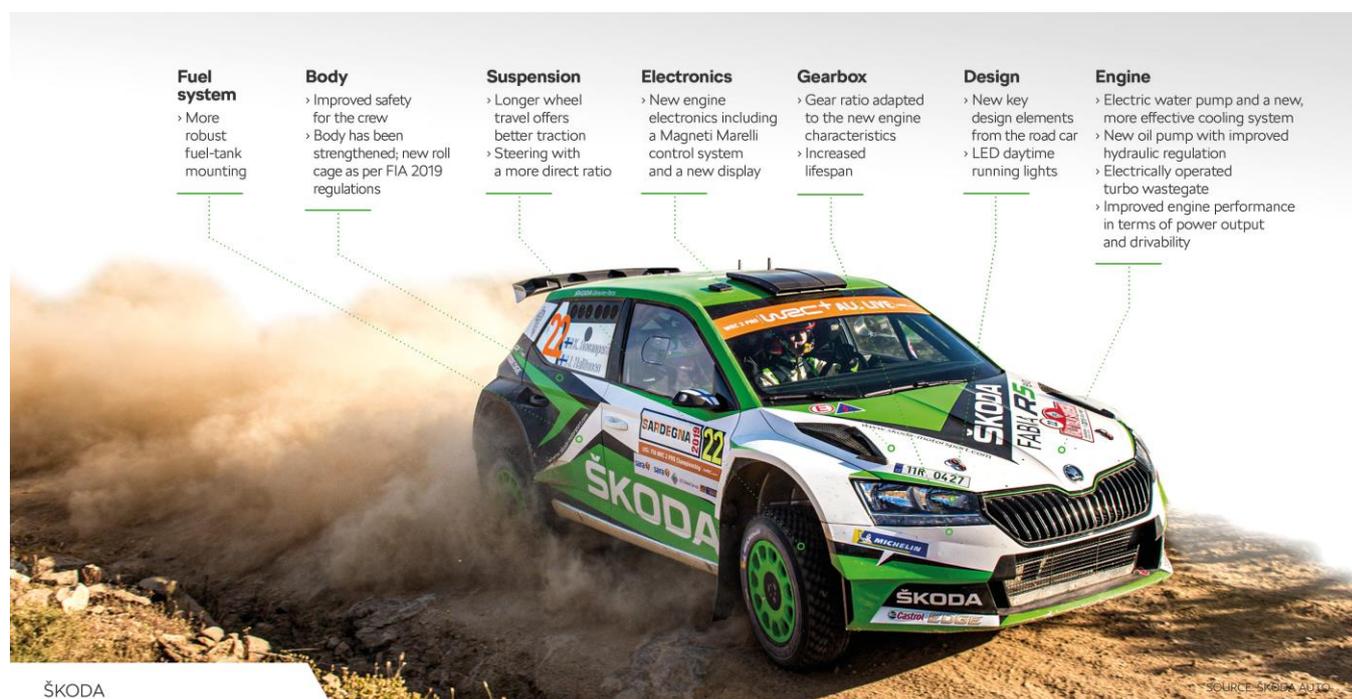


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The engine is equipped with an electric water pump and a new, more effective cooling system. The waste gate of the turbo is now electrically operated. Engine lubrication is ensured by an oil pump with an improved hydraulic regulation. New engine electronics, including a Magneti Marelli control system and a new display, are on board as well. The gear ratio has been adapted to the new engine characteristics and the transmission offers on top of that an increased lifetime. The bodyshell has been strengthened; a new roll cage according to the FIA 2019 regulation has been fitted. The new steering has a more direct ratio, longer wheel travel offers better traction.



Fuel system

- › More robust fuel-tank mounting

Body

- › Improved safety for the crew
- › Body has been strengthened; new roll cage as per FIA 2019 regulations

Suspension

- › Longer wheel travel offers better traction
- › Steering with a more direct ratio

Electronics

- › New engine electronics including a Magneti Marelli control system and a new display

Gearbox

- › Gear ratio adapted to the new engine characteristics
- › Increased lifespan

Design

- › New key design elements from the road car
- › LED daytime running lights

Engine

- › Electric water pump and a new, more effective cooling system
- › New oil pump with improved hydraulic regulation
- › Electrically operated turbo wastegate
- › Improved engine performance in terms of power output and drivability

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FABIA R5 evo

TECHNICAL ADJUSTMENTS – OVERVIEW

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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 nine passenger-car series: the CITIGO, FABIA, RAPID, SCALA, OCTAVIA, KAROQ, KODIAQ, as well as the KAMIQ and the SUPERB.
- › delivered more than 1.25 million vehicles to customers around the world in 2018.
- › 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 39,000 people globally and is active in more than 100 markets.
- › is pressing ahead with the transformation from a traditional car manufacturer to the 'Simply Clever company for the best mobility solutions' as part of the ŠKODA 2025 Strategy.

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