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Drivetrain: Power to all four wheels for all-terrain traction

- › Engine, all-wheel drivetrain and 7-speed DSG taken from a ŠKODA OCTAVIA 4×4
- › 2.0 TSI four-cylinder delivers 140 kW (190 hp) and 320 Nm maximum torque

Mladá Boleslav, 23 May 2022 – In the AFRIQ, the vocational students have combined technical components from the ŠKODA KAMIQ, which was used as the basis, a ŠKODA OCTAVIA and the rally model ŠKODA FABIA Rally2 evo. The body comes from the KAMIQ and the rally FABIA supplied numerous components, particularly in the interior. The drivetrain from a ŠKODA OCTAVIA 4×4 provides the power for the eighth Student Concept Car. A 7-speed DSG distributes the 140 kW (190 hp) output and maximum torque of 320 Nm to all four wheels. The ŠKODA AFRIQ is thus ideally suited for off-road use.

Traditionally, participants in the Student Concept Car project use engineering components from other ŠKODA vehicles and adapt them to build their dream car. This is particularly true of the ŠKODA AFRIQ's drivetrain: the engine and transmission come from a ŠKODA OCTAVIA 4×4. The 2.0 TSI four-cylinder generates 140 kW (190 hp) and a maximum torque of 320 Nm. The power is distributed to all four wheels via a 7-speed DSG. The exhaust system has been modified to complement the new engine and modified underbody.

Installing the drivetrain from a ŠKODA OCTAVIA 4×4 required extensive modifications to the underbody. The brackets for the front axle and the engine and transmission mounts were adapted, as the OCTAVIA's engine is larger than the KAMIQ's. A new multi-link rear axle was also fitted. To accommodate the axle brackets, a component from the rear of the OCTAVIA's bodyshell was integrated into the KAMIQ's. ŠKODA Academy technicians used the two-part tank from the OCTAVIA to fit the cardan shaft and had to modify the tank opening and filler neck for this purpose. The cardan shaft was shortened to fit the KAMIQ. The gearbox and exhaust were also modified to save space. The redesigned tailpipes of the exhaust system make a striking feature at the rear. The interior of the AFRIQ has been stripped back to meet the requirements of rally drivers and thus makes a significant contribution to the vehicle's low weight of just 1,350 kilograms.



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You can find all the content on the new ŠKODA AFRIQ using the hashtag
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