

Model Series, Innovation and Technology Communications

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Audi SQ7 TDI

Combined fuel consumption in l/100 km: 7.6 – 7.2 (*30.9 – 32.7 US mpg*)

Combined CO₂ emissions in g/km: 199 – 189 (*320.3 – 304.2 g/mi*)

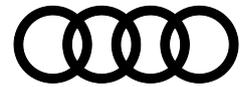
(Figures vary depending on wheels/tires/number of seats)

The Audi SQ7 TDI attains new best values with 320 kW (435 hp) and 900 newton meters (*663.8 lb-ft*) of torque – the latter at 1,000 to 3,250 revolutions per minute. Its TDI engine with electric powered compressor (EPC) accelerates like a sports car from 0 to 100 km/h (*62.1 mph*) in 4.8 seconds; top speed is gently governed at 250 km/h (*155.3 mph*). In the NEDC, the SQ7 TDI consumes just 7.2 liters per 100 kilometers (*32.7 US mpg*), which corresponds to CO₂ emissions of 189 grams per kilometer (*304.2 g/mi*). The new eight-speed tiptronic provides for fast and efficient gear changes. At higher speeds, it allows coasting at idle.

The 4.0 TDI engine is paired with very capable technical components in the Audi SQ7. The result is driveability that fulfills every expectation, from extremely comfortable cruising to dynamic handling. The power for the EPC – which peaks at 7 kW – is provided by a 48 volt electrical subsystem. The SQ7 TDI is the first car from Audi to feature this higher-power electrical system. In conjunction with the EPC, this technical solution also paves the way for the high-performance system of electromechanical active roll stabilization. The quattro permanent all-wheel drive distributes power between the front and rear axle in a 40:60 ratio. The suspension links are largely made of lightweight aluminum.

Electromechanical power steering, the Audi drive select system and the adaptive air suspension with S-specific tuning are standard. The brake calipers are painted black (optionally red); On request, Audi also offers a brake system with carbon fiber-ceramic disks.

Thanks to the systematic lightweight construction concept, the SQ7 TDI weighs just 2,270 kilograms (*5,004.5 lb*) without a driver. The body is a multi-material construction. Hot-shaped and thus extremely strong sheets form the backbone of the occupant cell; the outer skin is made of aluminum. The center of mass is low – another factor for the sporty handling.



Many S-specific details intensify the distinctive look of the 5.07 meter (*16.6 ft*) long Audi SQ7 TDI. For example, the Singleframe grille, the air inlets, the upper sections of the mirror caps and elements of the door trim gleam with an aluminum look. The front apron is powerfully contoured, while the roof edge spoiler is wider and more distinctive than that of the Q7.

A diffuser insert with an aluminum trim piece encloses the four rectangular exhaust tailpipes. SQ7 TDI and V8T emblems adorn the front, fenders and rear.