

<b>Technical Data</b>	<b>Audi SQ8 TDI quattro tiptronic (320 kW)</b>
Program for Germany	Status: 07/03/2019
<b>Engine / electrics</b>	
Engine type	V8 engine
Valve gear / number of valves per cylinder	Roller cam follower, overhead camshafts, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
Displacement in cc / bore x stroke in mm / compression	3956 / 83.0 x 91.4 / 16.0
Max. power output in kW (hp) / rpm	320 (435) / 3750 - 4750
Max. torque in Nm (lb-ft) / at rpm	900 (663.8) / 1250 - 3250
Mixture preparation	Common rail fuel injection system, intercooler
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter
Emissions standard	Emission control concept, EU6 DG
Start-stop / REM	yes / -
Battery in A / Ah	380 / 68
Max. electrical output at 12V in kilowatts	3
On-board voltage 1 in volts	12
On-board voltage 2 in volts	48
<b>Drivetrain / transmission</b>	
Drive type	quattro permanent all-wheel drive
Type of center differential	Self-locking
Clutch	Hydraulic torque converter with lock-up clutch
Transmission type	8-speed tiptronic / automatic
Transmission ratio in 1st/2nd gear	4.714 / 3.143
Transmission ratio in 3rd/4th gear	2.106 / 1.667
Transmission ratio in 5th/6th gear	1.285 / 1.000
Transmission ratio in 7th/8th gear	0.839 / 0.667
Reverse gear ratio / final drive ratio 1-2	3.317 / 2.950
<b>Suspension / steering / brakes</b>	
Type and design of front-axle suspension	Five-link front axle; tubular anti-roll bar; air spring suspension
Type and design of rear-axle suspension	Five-link rear axle; tubular anti-roll bar; air spring suspension
Steering	Electromechanical progressive steering with speed-dependent power assistance
Steering ratio	14.6
Steering ratio optional	13.3
Turning circle in m (ft)	13.3 (43.6)
Brake control system	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist
Tires (basic)	285/45 R 21 113 Y XL (Extra Load)
Wheels (basic)	Cast aluminum 10.0J x 21"
<b>Performance / acoustics</b>	
Top speed in km/h (mph)	250 (155.3)
Limited	yes
Acceleration, 0-100 km/h (0-62.1 mph)	4.8
Fuel type / octane value	Diesel / -
Fuel standard	DIN EN 590
Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A)	70.0 / 74 / 70

<b>Consumption / emissions*</b>	
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers ( <i>US mpg</i> )	8.6 (27.4) / 7.3 (32.2) - 7.2 (32.7) / 7.8 (30.2)
CO <sub>2</sub> emissions combined in grams per kilometer ( <i>g/mi</i> )	205 (329.9) - 204 (328.3)
<b>Servicing / insurance classification</b>	
Service interval	30,000 km (18,641.1 mi) / 2 years, whichever comes first
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	21 / 30 / 30
<b>Weights / loads</b>	
Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	2365 (5213.9) / 2440 (5379.3) / 3100 (6834.3)
Front/rear axle load limit in kg ( <i>lb</i> )	1610 (3549.4) / 1630 (3593.5)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg ( <i>lb</i> )	3500 (7716.2) / 3500 (7716.2) // 750 (1653.5)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	100 (220.5) / 140 (308.6)
<b>Capacities</b>	
Cooling system capacity (incl. heating) in liters ( <i>US gal</i> )	14.8 (3.9)
Engine oil capacity, including filter (change volume) in liters ( <i>US qt</i> )	10.6 (11.2)
Fuel tank capacity in liters ( <i>US gal</i> )	85 (22.5)
AdBlue fuel tank capacity in liters ( <i>US gal</i> )	24 (6.3)
<b>Dimensions / body</b>	
Body type / number of doors	Unitary steel/aluminum composite construction / 5
Number of seats	5
Drag coefficient Cd / frontal area A in m <sup>2</sup> ( <i>sq ft</i> )	0.34 / 2.84 (30.6)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm ( <i>ft</i> )	5006 (16.4) / 1995 (6.6) / - / 1708 (5.6)
Width including mirrors in mm ( <i>ft</i> )	2190 (7.2)
Wheelbase / track width front/rear in mm ( <i>ft</i> )	2996 (9.8) / 1679 (5.51) / 1687 (5.54)
Overhang angle of air spring front/rear in degrees	23.2 / 24.3
Height of loading edge with steel springs / air springs in mm ( <i>ft</i> )	- / 822 (2.9)
Largest luggage compartment capacity - behind the 1st seat row in l ( <i>cu ft</i> )	1755 (5.8)
Open luggage compartment - behind the 2nd seat row in l ( <i>cu ft</i> )	605 (2.0)

\* Information on fuel consumption and CO<sub>2</sub> emissions as well as efficiency classes in ranges depending on the tires and alloy wheel rims used