

<b>Technical Data</b>	<b>Audi SQ7 TFSI (7-seater)</b>
<b>Program for Germany</b>	Status: 07/29/2020
<b>Engine / electrics</b>	
<b>Engine type</b>	V8 engine
<b>Valve gear / number of valves per cylinder</b>	Roller cam follower, overhead camshafts, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
<b>Displacement in cc / bore x stroke in mm / compression</b>	3996 / 86.0 x 86.0 / 10.1
<b>Max. power output in kW (PS) / rpm</b>	373 (507) / 5500
<b>Max. torque in Nm (lb-ft) / at rpm</b>	770 (567.9) / 2000 - 4000
<b>Mixture preparation</b>	Direct injection, lambda control, knock control, turbocharger, intercooler
<b>Exhaust emission control</b>	Catalytic converter, oxygen sensor, gasoline particulate filter
<b>Emissions standard</b>	EU 6
<b>Start-stop / REM</b>	yes / yes
<b>Battery in A / Ah</b>	520 / 92
<b>Max. electrical output at 12V in kilowatts</b>	2.5
<b>On-board voltage 1 in volts</b>	12
<b>Drivetrain / transmission</b>	
<b>Drive type</b>	quattro permanent all-wheel drive with self-locking center differential
<b>Type of center differential</b>	Self-locking
<b>Type of rear axle differential</b>	Standard
<b>Clutch</b>	Hydraulic torque converter with lock-up clutch
<b>Transmission type</b>	8-speed tiptronic / automatic
<b>Transmission ratio in 1st/2nd gear</b>	4.714 / 3.143
<b>Transmission ratio in 3rd/4th gear</b>	2.106 / 1.667
<b>Transmission ratio in 5th/6th gear</b>	1.285 / 1.000
<b>Transmission ratio in 7th/8th gear</b>	0.839 / 0.667
<b>Reverse gear ratio / final drive ratio 1-2</b>	3.317 / 3.204
<b>Suspension / steering / brakes</b>	
<b>Type and design of front-axle suspension</b>	Five-link front axle; tubular anti-roll bar; air spring suspension
<b>Type and design of rear-axle suspension</b>	Five-link rear axle; tubular anti-roll bar; air spring suspension
<b>Steering</b>	Electromechanical progressive steering with speed-dependent power assistance
<b>Steering ratio</b>	13.3
<b>Turning circle / turning circle optional in m (ft)</b>	12.5 (41.0) / not available
<b>Brake control system</b>	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist
<b>Tires (basic)</b>	285/45 R 20 112 Y XL (extra load) -
<b>Wheels (basic)</b>	Cast aluminum flow forming 9.0Jx20"
<b>Performance / acoustics</b>	
<b>Top speed in km/h (mph)</b>	250 (155.3)
<b>Limited</b>	yes
<b>Acceleration, 0-100 km/h (0-62.1 mph)</b>	4.1
<b>Fuel type / octane value</b>	Gasoline / 98
<b>Fuel standard</b>	DIN EN 228 (gasoline)
<b>Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in dB (A)</b>	80.7 / - / 68

<b>Consumption / emissions*</b>	
Fuel consumption, urban / extra-urban / combined in liters per 100 kilometers ( <i>US mpg</i> )	16.5-16.4 (14.26-14.34) / 9.6-9.5 (24.5-24.8) / 12.1-12.1 (19.4-19.4)
CO <sub>2</sub> emissions combined in grams per kilometer ( <i>g/mi</i> )	278-276 (447.4-444.2)
<b>Servicing / guarantee (Germany)</b>	
Service interval	30,000 km (18,641.1 mi) / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 (years)
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	19 / 28 / 30
<b>Weights / loads</b>	
Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	2265 (4993.5) / 2340 (5158.8) / 3095 (6823.3)
Front/rear axle load limit in kg ( <i>lb</i> )	1530 (3373.1) / 1720 (3792.0)
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> )	14.9 (3.9)
Engine oil capacity, including filter (change volume) in liters ( <i>US qt</i> )	9.5 (10.0)
Fuel tank capacity in liters ( <i>US gal</i> )	85 (22.5)
<b>Dimensions / body</b>	
Body type / number of doors	Unitary steel/aluminum composite construction / -
Number of seats	7
Drag coefficient Cd / frontal area A in m <sup>2</sup> ( <i>sq ft</i> )	0.33 / 2.87 (30.9)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm ( <i>ft</i> )	5067 (16.6) / 1970 (6.5) / - / 1739 (5.7)
Width including mirrors in mm ( <i>ft</i> )	2212 (7.3)
Wheelbase / track width front/rear in mm ( <i>ft</i> )	2996 (9.8) / 1663 (5.5) / 1663 (5.5)
Overhang angle of air springs, front/rear in degrees	20.6 / 19.7
Height of loading edge with steel springs / air springs in mm ( <i>ft</i> )	- / 785 (2.6)
Luggage capacity behind 2nd seat bench, open / closed in l ( <i>cu ft</i> )	- / 705 (24.9)
Largest luggage compartment capacity - behind the 1st seat row in l ( <i>cu ft</i> )	1890 (66.7)

\* Fuel consumption and CO<sub>2</sub> emission figures given in ranges depend on the tires/wheels used