

Technical Data	Audi SQ7 TFSI (5-seater)
Program for Germany	Status: 07/29/2020
Engine / electrics	
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	3996 / 86.0 x 86.0 / 10.1
Max. power output in kW (PS) / rpm	373 (507) / 5500
Max. torque in Nm (lb-ft) / at rpm	770 (567.9) / 2000 - 4000
Mixture preparation	Direct injection, lambda control, knock control, turbocharger, intercooler
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emissions standard	EU 6
Start-stop / REM	yes / yes
Battery in A / Ah	520 / 92
Max. electrical output at 12V in kilowatts	2.5
On-board voltage 1 in volts	12
Drivetrain / transmission	
Drive type	quattro permanent all-wheel drive with self-locking center differential
Type of center differential	Self-locking
Type of rear axle differential	Standard
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 / 3.204
Suspension / steering / brakes	
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	13.3
Turning circle / turning circle optional in m (ft)	12.5 (41.0) / not available
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 20 112 Y XL (extra load) -
Wheels (basic)	Cast aluminum flow forming 9.0Jx20"
Performance / acoustics	
Top speed in km/h (mph)	250 (155.3)
Limited	yes
Acceleration, 0-100 km/h (0-62.1 mph)	4.1
Fuel type / octane value	Gasoline / 98
Fuel standard	DIN EN 228 (gasoline)
Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in dB (A)	80.7 / - / 68

Consumption / emissions*	
Fuel consumption, urban / extra-urban / combined in liters per 100 kilometers (US mpg)	16.5-16.4 (14.26-14.34) / 9.6-9.5 (24.5-24.8) / 12.1-12.0 (19.4-19.6)
CO ₂ emissions combined in grams per kilometer (g/mi)	277-276 (445.8-444.2)
Servicing / guarantee (Germany)	
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
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (lb)	2200 (4850.2) / 2275 (5015.5) / 2925 (6448.5)
Front/rear axle load limit in kg (lb)	1530 (3373.1) / 1590 (3505.3)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb)	3500 (7716.2) / 3500 (7716.2) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (lb)	100 (220.5) / 140 (308.6)
Capacities	
Cooling system capacity (incl. heating) in liters (US gal)	14.9 (3.9)
Engine oil capacity, including filter (change volume) in liters (US qt)	9.5 (10.0)
Fuel tank capacity in liters (US gal)	85 (22.5)
Dimensions / body	
Body type / number of doors	Unitary steel/aluminum composite construction / -
Number of seats	5
Drag coefficient Cd / frontal area A in m ² (sq ft)	0.33 / 2.87 (30.9)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm (ft)	5067 (16.6) / 1970 (6.5) / - / 1743 (5.7)
Width including mirrors in mm (ft)	2212 (7.3)
Wheelbase / track width front/rear in mm (ft)	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 (ft)	- / 785 (2.6)
Luggage capacity behind 2nd seat bench, open / closed in l (cu ft)	- / 803 (28.4)
Largest luggage compartment capacity - behind the 1st seat row in l (cu ft)	1990 (70.3)

* Fuel consumption and CO₂ emission figures given in ranges depend on the tires/wheels used