

Technical Data		Audi RS Q8 TFSI tiptronic (441 kW)	
Program for Germany		Status: 10/19/2020	
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 / 9.7		
Max. power output in kW (PS) / rpm	441 (600) / 6000		
Max. torque in Nm (lb-ft) / at rpm	800 (590.0) / 2200 - 4500		
Mixture preparation	Direct injection		
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter		
Emissions standard	EU6		
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		
Drivetrain / transmission			
Drive type	quattro permanent all-wheel drive		
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		
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			
Front axle	Aluminum fixed caliper		
Rear axle	Floating caliper with integrated electronic parking brake		
Steering	Electromechanical steering with speed-dependent power assistance		
Turning circle in m (ft)	12.3 (40.4)		
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)	295/40 R 22		
Wheels (basic)	Alloy 10 J x 22"		
Performance / acoustics			
Top speed in km/h (mph)	250 (155.3)		
Limited	yes		
Acceleration, 0-100 km/h (0-62.1 mph)	3.8		
Fuel type / octane value	Gasoline / 98		
Fuel standard	DIN EN 228 (gasoline)		
Exterior noise level when stationary / drive-past as per ECE R51.03 in dB (A)	83 / 73		

Consumption / emissions*	
Fuel consumption, urban / extra-urban / combined in liters per 100 kilometers (<i>US mpg</i>)	17.5-17.2 (13.4-13.7) / 9.3-9.2 (25.3-25.6) / 12.3-12.1 (19.1-19.4)
CO ₂ emissions combined in grams per kilometer (<i>g/mi</i>)	281 - 276 (452.2-444.2)
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	22 / 28 / 30
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	2315 (5103.7) / 2390 (5269.0) / 3015 (6646.9)
Front/rear axle load limit in kg (<i>lb</i>)	1600 (3527.4) / 1730 (3814.0)
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)
Capacities	
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)
Dimensions / body	
Body type / number of doors	Unitary steel/aluminum composite construction / 5
Number of seats	5
Drag coefficient Cd / frontal area A in m ² (<i>sq ft</i>)	0.36 / 2.84 (30.6)
Standard dimensions (length / width excluding mirrors / height with air springs) in mm (<i>ft</i>)	5012 (16.4) / 1998 (6.6) / 1694 (5.6)
Width including mirrors in mm (<i>ft</i>)	2190 (7.2)
Wheelbase / track width front/rear in mm (<i>ft</i>)	2998 (9.8) / 1692 (5.55) / 1696 (5.56)
Overhang angle of air spring front/rear in degrees	18.1 / 23.2
Open luggage compartment behind the 2nd seat row, open in l (<i>cu ft</i>)	605 (21.4)
Largest luggage capacity - behind the 1st seat row in l (<i>cu ft</i>)	1755 (62.0)

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