

Technical Data**Audi RS Q8 quattro tiptronic (441 kW)**

Program for Germany

Status: 12/03/2019

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) / 2200 - 4500
Mixture preparation	Direct injection
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emissions standard	EU 6
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
On-board voltage 3 in volts	-
Drivetrain / transmission	
Drive type	quattro permanent all-wheel drive with self-locking center differential
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	
Steering	Electromechanical steering with speed-dependent power assistance
Turning circle / turning circle optional in m (ft)	12.3 (40.4) / 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)	295/40 R 22 112 Y XL (Extra Load) -
Wheels (basic)	Cast aluminum flow forming 10.0Jx22"
Performance / consumption / 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 / -
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>)	17.0 (4.5) / 9.3–9.2 (2.5–2.4) / 12.1 (3.2)
CO ₂ emissions combined in grams per kilometer (<i>g/mi</i>)	277–276 (445.8–444.2)
Servicing / guarantee (Germany)	
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 / 29 / 30
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	2315 / 2390 / 3015 (5103.7 / 5269.0 / 6646.9)
Front/rear axle load limit in kg (<i>lb</i>)	1600 / 1730 (3527.4 / 3814.0)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (<i>lb</i>)	3500 / 3500 // 750 (7716.2 / 7716.2 // 1653.5)
Roof load limit / permissible nose weight in kg (<i>lb</i>)	100 / 140 (220.5 / 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 / number of seats	Unitary steel/aluminum composite construction / 5 / 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 steel springs / height with air springs) in mm (<i>ft</i>)	5012 / 1998 / - / - (16.4 / 6.6 / - / -)
Width including mirrors in mm (<i>ft</i>)	2190 (7.2)
Wheelbase / track width front/rear in mm (<i>ft</i>)	2998 / - / - (9.8 / - / -)
Overhang angle of air spring front/rear in degrees	18.1 / 23.2
Luggage capacity behind 2nd seat bench, open / closed in l (<i>cu ft</i>)	605 / - (21.4 / -)
Open luggage compartment - behind the 2nd seat row in l (<i>cu ft</i>)	605 (21.4)
Largest luggage compartment 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