

Audi RS Q8



TFSI

Engine / electrics

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|--|--|
| 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) / at rpm | 441 (600) / 6000 |
| Max. torque in Nm (<i>lb-ft</i>) / at rpm | 800 (590.0) / 2200 - 4500 |
| Mixture preparation | Direct injection |
| Exhaust emission control | Catalytic converter, oxygen sensor, gasoline particulate filter |
| Emission standard | Euro 6d-ISC-FCM |
| Max. electrical output at 12V in kW | 3 |
| On-board voltage 1 in volts | 12 |
| On-board voltage 2 in volts | 48 |

Drivetrain / transmission

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| 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 1 st /2 nd gear | 4.714 / 3.143 |
| Transmission ratio in 3 rd /4 th gear | 2.106 / 1.667 |
| Transmission ratio in 5 th /6 th gear | 1.285 / 1.000 |
| Transmission ratio in 7 th /8 th gear | 0.839 / 0.667 |
| Reverse gear ratio / final drive ratio 1-2 / 2-3 | 3.317 / 3.204 / - |

Suspension / steering / brakes

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|--|---|
| Type and design of front-axle suspension | Aluminum fixed caliper |
| Type and design of rear-axle suspension | Floating caliper with integrated electronic parking brake |
| Tires (basic) | 295/40 R 22 |
| Wheels (basic) | Alloy 10 J x 22" |
| Steering | Electromechanical steering with speed-dependent power assistance |
| Steering ratio | 13.3 |
| Turning circle in m (<i>ft</i>) | 12.3 (40.4) |
| Brake system | Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist |

Performance / fuel / acoustics

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|---|----------------------------|
| Top speed in km/h (<i>mph</i>) | 250 (155.3) |
| Acceleration, 0-100 km/h (0-62.1 <i>mph</i>) | 3.8 |
| Fuel type / octane value / fuel standard | Gasoline / 98 / DIN EN 228 |
| Exterior noise level when stationary / drive-past as per ECE R51.03 in dB (A) | 83 / 73 |

Consumption / emission*

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|---|---|
| Efficiency class | F |
| Fuel consumption, urban / extra-urban / combined according to NEDC in l/100 km (US mpg) | 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 according to NEDC in g/km (g/mi) | 281 - 276 (452.2 - 444.2) |

Servicing / guarantee (Germany)

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| 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 / 29 / 30 |

Weights / loads

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| Unladen weight without driver / with driver / gross weight limit in kg (lb) | 2315 (5103.7) / 2390 (5269.0) / 3015 (6646.9) |
| Front / rear axle load limit in kg (lb) | 1600 (3527.4) / 1730 (3814.0) |
| 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

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|--|---------------|
| Engine oil capacity, including filter (change volume) in l (US qt) | 9.5 (10.0) |
| Fuel tank capacity / optional in l (US gal) | 85 (22.5) / - |

Dimensions / body

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|---|---|
| Body type / number of doors / number of seats | Unitary steel/aluminum composite construction / 5 / 5 |
| Drag coefficient C _d / frontal area A in m ² (sq ft) | 0.36 / 2.84 (30.6) |
| Standard dimensions (length / width excluding mirrors / height with steel springs / air springs) in mm (ft) | 5012 (16.4) / 1998 (6.6) / 1694 (5.6) / - |
| Vehicle width, including mirrors, in mm (in) | 2190 (7.2) |
| Wheelbase // track width front/rear in mm (ft) | 2998 (9.8) // 1692 (5.55) / 1696 (5.56) |
| Overhang angle of steel springs, front / rear in degrees | 18.1 / 23.2 |
| Open luggage compartment - behind the 2 nd seat row in l (cu ft) | 605 (21.4) |
| Largest luggage capacity - behind the 1 st seat row in l (cu ft) | 1755 (62.0) |

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