

Technical Data**Audi R8 Spyder V10 RWD S tronic (397 kW)**

Program for Germany

Status: 11/05/2019

Engine / electrics	
Engine type	V10 engine
Valve gear / number of valves per cylinder	Roller cam follower, continuous intake and exhaust camshaft adjustment, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
Displacement in cc / bore x stroke in mm / compression	5204 / 84.5 x 92.8 / 12.7
Max. power output in kW (PS) / rpm	397 (540) / 7900 - 7900
Max. torque in Nm (lb-ft) / at rpm	540 (398.3) / 6400 - 6400
Mixture preparation	Direct injection, lambda control, knock control
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emissions standard	EU6
Start-stop / REM	yes / -
Battery in A / Ah	420 / 75
Max. electrical output at 12V in kilowatts	2.6
On-board voltage 1 in volts	12
Drivetrain / transmission	
Drive type	Rear-wheel drive
Type of rear axle differential	Standard
Clutch	Dual clutch
Transmission type	7-speed S tronic / dual clutch
Transmission ratio in 1st/2nd gear	3.133 / 2.588
Transmission ratio in 3rd/4th gear	1.880 / 1.140
Transmission ratio in 5th/6th gear	0.898 / 0.884
Transmission ratio in 7th/8th gear	0.653 / -
Reverse gear ratio / final drive ratio 1-2	2.647 / 1.848
Suspension / steering / brakes	
Steering	Electromechanical steering with speed-dependent power assistance
Steering ratio min. / max.	15.7 / 15.7
Turning circle / turning circle optional in m (ft)	11.2 (36.7) / not available
Basic tires, front axle	245/35 R 19 93 Y XL (extra load) -
Basic tires, rear axle	295/35 - 19 104 Y XL (extra load) -
Wheels, front axle	Cast aluminum - Jx - "
Wheels, rear axle	Cast aluminum 11.0 - x19"
Performance / consumption / acoustics	
Top speed in km/h (mph)	322 (200.1)
Limited	no
Acceleration, 0-100 km/h (0-62.1 mph)	3.8
Fuel type / octane value	Gasoline / 100
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)	89.0 / - / 72

Consumption / emissions*	
Fuel consumption, urban / extra-urban / combined in liters per 100 kilometers (<i>US mpg</i>)	19.5 (12.1) / 9.3 (25.3) / 13.1 (18.0)
CO ₂ emissions combined in grams per kilometer (<i>g/mi</i>)	298 (479.6)
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	16 / 33 / 30
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1695 (3736.8) / 1770 (3902.2) / 1995 (4398.2)
Gross weight limit min. / max. in kg (<i>lb</i>)	1995 (4398.2) / 1995 (4398.2)
Front/rear axle load limit in kg (<i>lb</i>)	910 (2006.2) / 1185 (2612.5)
Rear axle load limit min. / max. in kg (<i>lb</i>)	1185 (2612.5) / 1185 (2612.5)
Capacities	
Cooling system capacity (incl. heating) in liters (<i>US gal</i>)	24.7 (6.5)
Engine oil capacity, including filter (change volume) in liters (<i>US qt</i>)	8.3 (8.8)
Fuel tank capacity in liters (<i>US gal</i>)	80 (21.1)
Dimensions / body	
Body type / number of doors	Audi Space Frame (ASF) / 2
Number of seats	2
Drag coefficient Cd / frontal area A in m ² (<i>sq ft</i>)	0.36 / 2.01 (21.6)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm (<i>ft</i>)	4429 (14.5) / 1940 (6.4) / 1242 (4.1) / -
Width including mirrors in mm (<i>ft</i>)	2037 (6.7)
Wheelbase / track width front/rear in mm (<i>ft</i>)	2650 (8.7) / 1645 (5.4) / 1599 (5.2)
Overhang angle of steel springs, front/rear in degrees	17.20 / 8.50
Largest luggage compartment capacity - behind the 1st seat row in l (<i>cu ft</i>)	112 (4.0)

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