

Technical Data		Audi R8 V10 Spyder (419 kW)	
Program for Germany		Status: 10/19/2020	
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	419 (570) / 8100		
Max. torque in Nm (lb-ft) / at rpm	560 (413.0) / 6300		
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	2.2		
On-board voltage 1 in volts	12		
Drivetrain / transmission			
Drive type	All-wheel drive		
Type of center differential	Electronically controlled multi-plate clutch		
Type of rear axle differential	quattro sport		
Clutch	Dual clutch		
Transmission type	7-speed S tronic		
Transmission ratio in 1st/2nd gear	13.969 / 9.287		
Transmission ratio in 3rd/4th gear	6.746 / 5.080		
Transmission ratio in 5th/6th gear	4.003 / 3.171		
Transmission ratio in 7th/8th gear	2.343 / -		
Reverse gear ratio / final drive ratio 1-2 / 2-3	11.801 / 1.848 / 1.488		
Steering / brake system / tires			
Steering	Electromechanical steering with speed-dependent power assistance		
Steering ratio	15.7		
Turning circle in m (ft)	11.2 (36.7)		
Brake system	Front: aluminum fixed calipers, internally ventilated brake disks; Rear: internally ventilated brake disks		
Basic tires, front rear	245/35 295/35 R 19		
Basic wheels, front rear	Alloy 8.5 J 11.0 J x 19		
Performance / acoustics			
Top speed in km/h (mph)	322 (200.1)		
Limited	no		
Acceleration, 0-100 km/h (0-62.1 mph)	3.5		
Fuel type / octane value	Gasoline / 100		
Fuel standard	DIN EN 228 (gasoline)		
Exterior noise level when stationary / drive-past as per ECE R51.03 in dB (A)	90.7 / 72		

Consumption / emissions*	
Fuel consumption, urban / extra-urban / combined in liters per 100 kilometers (<i>US mpg</i>)	20.0 - 19.9 (11.76 - 11.82) / 9.9 (23.8) / 13.6 (17.3)
CO ₂ emissions combined in grams per kilometer (<i>g/mi</i>)	311 (500.5)
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	17 / 33 / 30
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1750 (3858.1) / 1825 (4023.4) / 2050 (4519.5)
Front/rear axle load limit in kg (<i>lb</i>)	960 (2116.4) / 1195 (2634.5)
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>)	0.35 / 2.01 (21.6)
Standard dimensions (length / width excluding mirrors / height with steel 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
Luggage capacity in l (<i>cu ft</i>)	112 (4.0)

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