

Technical Data	Audi R8 V10 performance RWD Coupé (419 kW)
Program for Germany	Status: 10/07/2021
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) / 8000
Max. torque in Nm (lb-ft) / at rpm	550 (405.7) / 6400
Mixture preparation	Direct injection, lambda control, knock control, turbo charging, intercooler
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emissions standard	Euro-6d-ISC-FCM
Start-stop / recuperation management	yes / 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	Rear-wheel drive
Type of rear axle differential	Mechanical differential lock
Clutch	Dual clutch
Transmission type	7-speed S tronic
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 / 2-3	2.647 / 4.458 / 3.588
Suspension / steering / brake system	
Front suspension	Double-wishbone suspension
Rear suspension	Double-wishbone suspension
Steering	Electromechanical steering with speed-dependent power assistance
Steering ratio	15.7
Turning circle in m (ft)	11.2 (36.7)
Brake system	Diagonal dual-circuit brake system with ESC/ABS/EBD, brake booster, hydraulic brake assist; Front and rear aluminum fixed calipers
Basic tires, front rear	245/35 295/35 R 19
Basic wheels, front rear	Cast aluminum 8.5 J 11.0 J x 19
Performance / acoustics	
Top speed in km/h (mph)	329 (204.4)
Limited	no
Acceleration, 0-100 km/h (0-62.1 mph)	3.7
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 / 72

Consumption / emissions*	
Fuel consumption, urban / extra-urban / combined in l/100 km (US mpg)	19.6 - 19.5 (12.0 - 12.1) / 9.0 - 8.9 (26.1 - 26.4) / 12.9 (18.2)
CO ₂ emissions combined in g/km (g/mi)	295 - 294 (474.8 - 473.1)
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 (lb)	1590 (3505.3) / 1665 (3670.7) / 1895 (4177.8)
Front/rear axle load limit in kg (lb)	875 (1929.0) / 1130 (2491.2)
Capacities	
Cooling system capacity (incl. heating) in l (US gal)	24.7 (6.5)
Engine oil capacity, including filter (change volume) in l (US qt)	8.3 (8.8)
Fuel tank capacity / optional fuel tank capacity in l (US gal)	73 (19.3) / 83 (21.9)
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 (sq ft)	0.36 / 2.01 (21.6)
Standard dimensions (length / width excluding mirrors / height with steel springs) in mm (ft)	4429 (14.5) / 1940 (6.4) / 1236 (4.1)
Width including mirrors in mm (ft)	2037 (6.7)
Wheelbase / track width front/rear in mm (ft)	2650 (8.7) / 1645 (5.4) / 1599 (5.2)
Luggage capacity	112 (4.0)

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