

Audi R8 Coupé V10



performance RWD 419 kW

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) / at rpm	419 (570) / 8000
Max. torque in Nm (lb-ft) / at rpm	550 (405.7) / 6400
Mixture preparation	Direct injection, lambda control, knock control
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emission standard	Euro 6e
Max. electrical output at 12V in kW	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 1 st /2 nd gear	3.133 / 2.588
Transmission ratio in 3 rd /4 th gear	1.880 / 1.140
Transmission ratio in 5 th /6 th gear	0.898 / 0.884
Transmission ratio in 7 th /8 th gear	0.653 / -
Reverse gear ratio / final drive ratio 1-2 / 2-3	2.647 / 4.458 / 3.588

Suspension / steering / brakes

Type and design of front-axle suspension	Double-wishbone suspension
Type and design of rear-axle suspension	Double-wishbone suspension
Tires (basic)	245/35 295/35 R 19
Wheels (basic)	Cast aluminum 8.5 J 11 J x 19"
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

Performance / fuel / acoustics

Top speed in km/h (mph)	329 (204.4)
Acceleration, 0-100 km/h (0-62.1 mph)	3.7
Fuel type / octane value / fuel standard	Gasoline / 100 / DIN EN 228
Exterior noise level when stationary / drive-past as per ECE R51.03 in dB (A)	90 / 72

Consumption / emission*

Fuel consumption, combined in l/100 km (US mpg)	12.9 - 12.5 (18.2 - 18.8)
CO ₂ emissions, combined in g/km (g/mi)	293 - 284 (471.5 - 457.1)
CO ₂ class	G

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	20 / 34 / 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 in l (US gal)	73 (19.3) / 83 (21.9)

Dimensions / body

Body type / number of doors / number of seats	Audi Space Frame (ASF) / 2 / 2
Drag coefficient C _d / frontal area A in m ² (sq ft)	0.36 / 2.01 (21.6)
Standard dimensions (length / width excluding mirrors / height with steel springs / air springs) in mm (ft)	4429 (14.5) / 1940 (6.4) / 1236 (4.1)
Vehicle width, including mirrors, in mm (in)	2037 (6.7)
Wheelbase // track width front/rear in mm (ft)	2650 (8.7) // 1645 (5.4) / 1599 (5.2)
Closed luggage compartment - behind the 2 nd seat row in l (cu ft)	112 (4.0)

*Additional equipment and accessories (attachments, tire size, etc.) may change relevant vehicle parameters, such as weight, rolling resistance and aerodynamics, and, alongside weather and traffic conditions as well as individual driving style, may affect a vehicle's fuel consumption, CO₂ emissions and performance figures.