

Technical Data	Audi R8 Coupé 5.2 FSI quattro S tronic (397 kW)
Program for Australia	
Engine / electronics	
Engine type	V10 petrol engine (90° V angle) with dry sump lubrication, petrol direct injection, four valve technology, DOHC cylinder head
Valve gear / number of valves per cylinder	Continuous intake and exhaust camshaft adjustment, roller cam followers with hydraulic support element / 4
Displacement in cc	5204 / 84.5 x 92.8 / 12.5
Max. power output in kW / at rpm	397 / 7800
Max. torque in Nm / at rpm	540 / 6500
Mixture preparation	Combined injection system: petrol direct injection and manifold injection
Exhaust emission control	One primary catalytic converter and one main catalytic converter per cylinder
Emissions class	EU6
Alternator in A / battery in A/Ah	210 water-cooled / 420/75
Start-stop system	switches the engine off if the vehicle is stationary and the brake is engaged
Drivetrain / transmission	
Drive type	All-wheel drive, mechanical differential lock, Anti-Slip Regulation (ASR)
Clutch	Two electrohydraulically controlled multi-plate clutches in an oil bath
Transmission type	7-speed S tronic
Gear ratio in 1st gear / 2nd gear	3.133 / 2.588
Gear ratio in 3rd gear / 4th gear	1.880 / 1.140
Gear ratio in 5th gear / 6th gear	0.898 / 0.884
Gear ratio in 7th gear / 8th gear	0.653 / --
Reverse gear / final drive ratio	2.647 / I: 4.458 for reverse, 1st, 4th + 5th, II: 3.588 for 2nd, 3rd, 6th + 7th
Suspension / steering / brakes	
Front suspension	Double-wishbone suspension
Rear suspension	Double-wishbone suspension
Steering / steering ratio / turning circle in m (D102)	Basic: electromechanical steering with i = 15.7 Optional: dynamic steering with speed-dependent ratio / 11.2
Brake system	Standard: 8-piston fixed caliper brakes at front, 4-piston fixed caliper brakes at rear; wave brake discs front and rear, ventilated, perforated and floating Optional: 6-piston fixed caliper brakes at front, 4-piston fixed caliper brakes at rear; carbon fiber-reinforced ceramic brake disks with specially developed cooling ducts, ventilated, perforated and floating; electromechanical parking brake at rear
Wheels / tyres	Forged aluminum wheels / front: 8.5J x 20 / 245/30 R20 rear: 11J x 20 / 305/30 R20
Performance / fuel / acoustics	
Top speed in km/h	320
Acceleration, 0-100 km/h in s	3.5
Fuel / octane value	Super Plus / 98 RON
Idling / drive-past exterior noise level in dB (A)	74
Consumption / emissions	
Fuel consumption: city / highway / combined, in l/100 km	16.7 / 8.4 / 11.4
CO ₂ mass emission in g/km	394 / 200 / 272
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1640 / 1715 / 1940
Axle load limit at front / rear in kg	915 / 1130
Capacities	
Cooling system capacity (incl. heating) in l	24.7
Engine oil capacity (including filter) in l	8.3
Fuel tank capacity in l	83
Body / dimensions	
Body type / number of doors / seats	Aluminum: Audi Space Frame ASF / 2 / 2
Drag coefficient Cd / frontal area A in m ²	0.36 / 2.01
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4426 / 1940 / 1240
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm (ft)	2650 / 1638 / 1599
Luggage capacity in liters, according to VDA block method (V211)	112 / capacity behind the seats: 226