

Technical Data – Audi RS 5 Coupé

Australia - Status: September 2010

Model	Audi RS 5 Coupé
Engine / electronics	
Engine type	V8 spark-ignition engine, four-valve technology, DOHC
Valve gear / number of valves per cylinder	Continuous intake and exhaust camshaft adjustment, hydraulic valve play compensation with roller cam followers, 4 valves
Displacement in cc / bore x stroke in mm / compression	4163 / 84.5 x 92.8 / 12.3
Max. power output in kW / at rpm	331 / 8250
Max. torque in Nm / at rpm	430 / 4000 – 6000
Engine management / mixture preparation	Fully electronic engine management with drive-by-wire throttle control, Bosch MED 17.1, gasoline direct injection, demand-controlled high-pressure and low-pressure fuel regulation, continuous lambda control, mapped ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control
Exhaust emission control	Two close-coupled ceramic catalytic converters; adaptive lambda control, each with two oxygen sensors (guiding sensor and control sensor)
Emissions class	EU 5
Alternator in A / battery in A/Ah	190 / 450 / 95
Drivetrain / transmission	
Drive type	quattro permanent all-wheel drive with self-locking crown-gear centre differential and torque vectoring, electronic stabilization program (ESP)
Clutch	Two electrohydraulically controlled multi-plate clutches in an oil bath
Transmission type	7-speed S tronic with electrohydraulic control
Gear ratio in 1st gear / 2nd gear	3.692 / 2.238
Gear ratio in 3rd gear / 4th gear	1.559 / 1.175
Gear ratio in 5th gear / 6th gear	0.915 / 0.745
Gear ratio in 7th gear	0.617
Reverse gear / final drive ratio	2.944 / 4.375
Suspension / steering / brakes	
Front suspension	Five-link front suspension, upper and lower wishbones, tubular anti-roll bar
Rear suspension	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted sub-frame, anti-roll bar
Steering / steering ratio / turning circle in meters (D102)	Maintenance-free rack-and-pinion steering with speed-dependent power assistance (servotronic) / 16.3 / 11.6
Brake system	18" high-performance brake system, dual-circuit with diagonal split, ABS/EBD and ESP with brake assist; tandem brake booster; ventilated disks front and rear
Wheels / tires	9J x 19 cast aluminium wheels / 265/35 R 19
Performance / consumption / acoustics	
Top speed in km/h	250 (governed)
Acceleration, 0-100 km/h in sec	4.6
Fuel	Super Plus sulphur-free, 98 RON
Fuel consumption: city / highway / combined, l/100 km (According to ADR81/02)	14.9 / 8.5 / 10.8
CO ₂ emissions: combined, g/km	252
Idling / drive-past exterior noise level in dB (A)	78 / 73
Servicing / Warranty	
Service	12 months or 15,000 km's
Vehicle / paint / rust perforation guarantee	3 years with unlimited mileage / 3 years / 12 years
Weights / loads	
Unladen weight (excluding driver)/ gross weight limit in kg	1725 / 2225
Axle load limit at front/rear in kg	1180 / 1145
Roof load limit in kg	75
Capacities	
Cooling system capacity (incl. heating) in litres	12.2
Engine oil capacity (including filter) in litres	11.4, change quantity 9.7
Fuel tank capacity in litres	64
Body / dimensions ²⁾	
Body type	Galvanized, unitary steel body, crumple zones at front and rear
Number of doors / seats	2 doors with additional side protection / four seats
Drag coefficient cd / frontal area A in m ²	0.33 / 2.18
Length (L103)/ width excluding mirrors (W103)/ height (H100-M), mm	4649 / 1860 / 1366
Wheelbase (L101) / track at front/rear (W101-1/W102-2), mm	2751 / 1586 / 1582
Height of loading lip in mm (H196)	663
Luggage capacity in litres, according to VDA block method (V211) (V214)	455

1) depends on driving style and operating conditions

2) details of dimensions with unladen vehicle weight