

Technical Data – Audi RS 5 Cabriolet 4.2 FSI quattro S tronic (331 kW)

Program for Australia

Status: October 2013

Engine / electronics	
Engine type	V8 spark-ignition engine, high-revving concept, four-valve technology, dual-branch intake system, DOHC
Valve gear / number of valves per cylinder	Intake camshaft adjustment, roller cam followers with hydraulic adjustment / 4
Displacement in cc	4163 / 84.5 x 92.8 / 12.5
Max. power output in kW / at rpm	331 / 8250
Max. torque in Nm / at rpm	430 / 4000 - 6000
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 (600 cells); adaptive lambda control, each with two oxygen sensors (guiding sensor and control sensor)
Emissions class	EU 5
Alternator in A / battery in A/Ah	180 / 450/110
Drivetrain / transmission	
Drive type	quattro permanent all-wheel with crown-gear centre differential, electronic stabilization control (ESC), torque vectoring
Clutch	Dual-clutch, longitudinally installed
Transmission type	7-speed S tronic
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 / 8th 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, solid anti-roll bar
Rear suspension	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar
Steering / steering ratio / turning circle in meters (D102)	Maintenance-free rack-and-pinion steering, EPS / 16.3 / 11.6
Brake system	Dual-circuit brake system with diagonal split, ABS/EBD and electronic stabilization control (ESC) with brake assist; tandem brake booster; front: ventilated discs / rear: ventilated discs Optional: ceramic brakes for the front axle
Wheels / tires	9J x 19 cast aluminium wheels / 265/35 R 19 98Y XL tyres
Performance / consumption / acoustics	
Top speed in km/h	250 (governed), optional 280 (governed)
Acceleration, 0-100 km/h in sec	4.9
Fuel / octane value	SuperPlus unleaded, 98 RON / 95 RON
Fuel consumption: city / highway / combined, l/100 km	14.6 / 8.5 / 10.7
CO2 mass emission, g/km	339 / 197 / 249
Idling / drive-past exterior noise level in dB (A)	85 / 73
Servicing / warranty (Australia)	
Service intervals	Every 15,000km or 12 months
Vehicle / paint / rust perforation guarantee	3 years with unlimited kilometres / 3 years / 12 years
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1920 / 1995 / 2420
Axle load limit at front / rear in kg	1260 / 1250
Capacities	
Cooling system capacity (incl. heating) in litres	9.7 (2.56)
Engine oil capacity (including filter) in litres	10.7 (11.31)
Fuel tank capacity in litres	61 (16.11)
Body / dimensions	
Body type / number of doors / seats	Galvanized, unitary steel body, crumple zones at front and rear / 2 doors with additional side protection / 4
Drag coefficient Cd / frontal area A in m2	0.34 / 2.18
Length (L103) / width excluding mirrors (W103) / height (H101-M), mm	4649 / 1860 / 1380
Wheelbase (L101) / track at front/rear (W101-1/W101-2), mm	2751 / 1586 / 1582
Height of loading lip in mm (H196)	662
Luggage capacity in litres, according to VDA block method (V211) / rear seat bench folded	With roof open 320 / with roof closed 380 / 750