

Technical Data – Audi RS 4 Avant 2.9 TFSI quattro tiptronic (331 kW)

Program for Australia

Status: May 2018

Engine / electronics	
Engine type	V6 spark-ignition engine with aluminium cylinder housing and gasoline direct injection, DOHC, biturbo exhaust turbocharger, demand-controlled high-pressure and low-pressure fuel system (four valves per cylinder), variable inlet valve adjustment AVS, indirect intercooler
Valve gear / number of valves per cylinder	continuous camshaft adjustment / 4
Displacement in cc / bore x stroke in mm / compression	2894 / 84.5 x 86 / 10.0
Max. power output in kW / at rpm	331 at 5700 - 6700
Max. torque in Nm / at rpm	600 at 1900 - 5000
Mixture preparation	Fully electronic engine management with drive-by-wire throttle control; petrol direct injection, cylinder-selective lambda control, mapped ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control; manifold-pressure controlled system
Exhaust emission control	two close-coupled ceramic main catalytic converters each with a pre- and post-catalyst oxygen sensor
Emissions class	EU6
Alternator in A / battery in A/Ah	110-150 / 420/79
Start-stop system	switches the engine off if the vehicle is stationary and the brake is engaged
Drivetrain / transmission	
Drive type	quattro permanent all-wheel drive
Clutch	hydraulic torque converter with lock-up clutch
Transmission type	8-speed tiptronic with DSP and sport program
Gear ratio in 1st gear / 2nd gear	5.000 / 3.200
Gear ratio in 3rd gear / 4th gear	2.143 / 1.720
Gear ratio in 5th gear / 6th gear	1.313 / 1.000
Gear ratio in 7th gear / 8th gear	0.823 / 0.640
Reverse gear / final drive ratio	3.478 / 3.204
Suspension / steering / brakes	
Front suspension	independent-wheel suspension, five-link axle with front track rod, aluminium transverse link, subframe and tubular anti-roll bar
Rear suspension	independent-wheel suspension, five-link axle with rear track rod, resiliently mounted subframe and anti-roll bar
Steering / steering ratio / turning circle in m (D102)	electromechanical steering with speed-dependent power assistance / 15.9 / 11.7
Brake system	Dual circuit brake system split between axles (black/white brake circuit split), Antilock Brake System (ABS) with Electronic Brake Force Distribution (EBD), Electronic Differential Lock (EDL), Anti-Slip Regulation (ASR), Electronic Stabilisation Control (ESC) with torque vectoring front: ventilated discs, perforated steel (basic) front: ventilated discs, ceramic (option) rear: ventilated discs, perforated
Wheels / tyres (basic)	Forged aluminium wheels 9J x 20 / 275/30 R 20 97Y
Performance / fuel / acoustics	
Top speed in km/h	250 (optionally 280)
Acceleration, 0-100 km/h in s	4.1
Fuel type / octane value	Super Plus sulfur-free according to DIN EN 228 / 98 RON
Idling / drive-past exterior noise level in dB (A)	90.2 / 70
Fuel consumption / emissions (according to tyre size)	
20-inch wheels	
Fuel consumption: city / highway / combined, in l/100 km	11.7 / 7.3 / 8.9
CO ₂ mass emission city / highway / combined, in g/km	265 / 166 / 202
Servicing / guarantee	
Service inspection after max. km	15,000 km or 12 months, whichever comes first
Vehicle / paint / rust perforation guarantee	3 years with unlimited mileage / 3 years / 12 years
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1715 / 1790 / 2305
Roof load limit / permissible nose weight in kg	90 / 80
Capacities	
Cooling system capacity (incl. heating) in l	10
Engine oil capacity (including filter) in l	7.6
Fuel tank capacity in l	58
Body / dimensions	
Body type / number of doors / seats	unitary, galvanised, steel, crumple zones at front and rear / 5 doors / 5 seats
Drag coefficient Cd / frontal area A in m ²	0.329 / 2.2
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4781 / 1866 / 1404
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2826 / 1580 / 1575
Height of loading lip (H196) in mm	600
Luggage capacity / with rear seat bench folded in l	505 / 1510