

# Technical Data – Audi RS 4 Avant

Program for Australia

Status: February 2013

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|---|--|
| <b>Engine / electronics</b>   |  |
| 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 / 11.0  |
| Max. power output in kW / at rpm  | 331 / 8250   |
| Max. torque in Nm / at rpm  | 430 / 4000 - 6000  |
| Mixture preparation   | Sequential high-pressure direct injection with adaptive idle-charge control, overrun fuel cut-off, adaptive lambda control; mapped ignition with solid-state high-voltage distribution via single-spark coils, cylinder-selective adaptive knock control; air-mass measurement, integrated boost-pressure 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   | 190 (water-cooled) / 450/95  |
| <b>Drivetrain / transmission</b>  |  |
| Drive type  | quattro permanent all-wheel drive with crown-gear center differential, electronic stabilization control (ESC) in conjunction with torque vectoring   |
| 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  |
| <b>Suspension / steering / brakes</b>   |  |
| 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 metres (D102)                                       | Maintenance-free rack-and-pinion steering, EPS / 16.3 / 11.9   |
| Brake system  | Dual-circuit brake system with diagonal split, ABS/EBD and ESP with brake assist; tandem brake booster; front: ventilated discs / rear: ventilated disks; optional: ceramic brakes for the front axle  |
| <b>Performance / consumption / acoustics</b>  |  |
| Top speed in km/h   | 250 (governed), optional 280 (governed)  |
| Acceleration, 0-100 km/h in sec   | 4.7  |
| Fuel / octane value   | Super Plus unleaded / 98 RON   |
| Fuel consumption: city / highway / combined, l/100 km   | 14.6 / 8.5 / 10.7  |
| CO <sub>2</sub> mass emission, g/km   | 340 / 198 / 249  |
| Idling / drive-past exterior noise level in dB (A)  | 85 / 73  |
| <b>Servicing / warranty (Australia)</b>   |  |
| Service intervals   | Every 15,000km or 12 months  |
| Vehicle / paint / rust perforation guarantee  | 3 years with unlimited kilometres / 3 years / 12 years   |
| <b>Weights / loads</b>  |  |
| Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg | 1795 / 1870 / 2365   |
| Axle load limit at front / rear in kg   | 1210 / 1210  |
| Roof load limit / permissible nose weight; in kg  | 90   |
| <b>Capacities</b>   |  |
| Engine oil capacity (including filter) in litres  | 9.7  |
| Fuel tank capacity in litres  | 10.7   |
| <b>Body / dimensions</b>  |  |
| Body type / number of doors / seats   | Galvanized, unitary steel body, crumple zones at front and rear / 4 / 5  |
| Drag coefficient Cd / frontal area A in m <sup>2</sup>  | 0.34 / 2.18  |
| Length (L103) / width excluding mirrors (W103) / height (H101-M), mm                              | 4719 / 1850 / 1416   |
| Wheelbase (L101) / track at front/rear (W101-1/W101-2), mm  | 2813 / 1599 / 1586   |
| Height of loading lip in mm (H196)  | 611  |
| Luggage capacity in litres, according to VDA block method (V211) / rear seat bench folded         | 490 / with rear seat folded down: 1430   |