

# Technical Data – Audi A6 Avant 2.0 TFSI (132 kW)

Program for Australia

Status: May 2012

<b>Engine / electronics</b>	
Engine type	Inline four-cylinder spark-ignition engine with exhaust turbocharger and intercooler, DOHC
Valve gear / number of valves per cylinder	Continuous intake camshaft adjustment / 4 / exhaust AVS
Displacement in cc	1984 / 82.5 x 92.8 / 9.6
Max. power output in kW (hp) / at rpm	132 (180) / 4000 - 6000
Max. torque in Nm (lb-ft) / at rpm	320 (236.02) / 1500 - 3900
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	Close-coupled ceramic catalytic converter, oxygen sensor before and after catalytic converter
Emissions class	EU5
Alternator in A / battery in A/Ah	100-150A (air-cooled) / 380/68
Start-stop system	Switches the engine off when the brake is engaged.
<b>Drivetrain / transmission</b>	
Drive type	Front-wheel drive
Clutch	Two electrohydraulically controlled multi-plate clutches in an oil bath
Transmission type	Continuously variable multitronic automatic transmission
Gear ratio in 1st gear / 2nd gear	2.436 / 1.686
Gear ratio in 3rd gear / 4th gear	1.241 / 0.960
Gear ratio in 5th gear / 6th gear	0.760 / 0.605
Gear ratio in 7th gear / 8th gear	0.481 / 0.381
Reverse gear / final drive ratio	2.947 / 4.922
<b>Suspension / steering / brakes</b>	
Front suspension	Five-link front suspension, double upper and lower wishbones, anti-roll bar, steel springs
Rear suspension	Self-tracking trapezoidal-link axle with wishbone, anti-roll bar, steel springs
Steering / steering ratio / turning circle in meters (D102)	Electromechanical steering with speed-dependent power assistance / 16.1 / approx. 11.9
Brake system	Dual-circuit brake system with diagonal split, electronic stabilization control ESC, brake servo, hydraulic brake assist; front: ventilated disks, aluminum composite floating calipers; rear: solid disks, cast floating calipers with electromechanical parking brake
Wheels / tires	17" 10-spoke design with 225/55 R 17 tyres
<b>Performance / consumption / acoustics</b>	
Top speed in km/h	218
Acceleration, 0-100 km/h in sec	8.6
Fuel / octane value	Premium sulfur-free according to DIN EN 228 / 95 RON
Fuel consumption: city / highway / combined, l/100 km	8.2 / 5.5 / 6.5
CO <sub>2</sub> mass emission, g/km	191 / 129 / 152
Idling / drive-past exterior noise level in dB (A)	71 / 70
<b>Servicing / Warranty</b>	
service interval	15,000 km or 12 months (what ever comes first)
Vehicle / paint / rust perforation guarantee	3 years / 3 years / 12 years
<b>Weights / loads</b>	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1630 / 1705 / 2260
Axle load limit at front / rear in kg	1130 / 1275
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg	1700 / 1500 / 750
Roof load limit / permissible nose weight in kg	100 / 85
<b>Capacities</b>	
Cooling system capacity (incl. heating) in liters	12
Engine oil capacity (including filter) in liters	4.6
Fuel tank capacity in liters	65
<b>Body / dimensions</b>	
Body type / number of doors / seats	Unitary, vehicle-safety optimized body in steel/aluminum composite construction / 4 aluminum doors with side impact protection / 5
Drag coefficient Cd / frontal area A in m <sup>2</sup>	0.30 / 2.31
Length (L103) / width excluding mirrors (W103) / height (H101-M), mm	4926 / 1874 / 1461 (with roof-mounted aerial the vehicle height increases by 21 mm)
Wheelbase (L101) / track at front/rear (W101-1/W101-2), mm	2912 / 1627 / 1618
Height of loading lip in mm (H196)	632 (unladen)
Luggage capacity in liters, according to VDA block method (V211) / rear seat bench folded	565 / 1680

# Technical Data – Audi A6 Avant 2.0 TDI multitronic (130 kW)

Program for Australia

Status: May 2012

<b>Engine / electronics</b>	
Engine type	4-cylinder inline diesel engine with common rail injection system and exhaust turbocharger
Valve gear / number of valves per cylinder	DOHC / 4
Displacement in cc	1968 / 81 x 95.5 / 16.0
Max. power output in kW (hp) / at rpm	130 (177) / 4200
Max. torque in Nm (lb-ft) / at rpm	380 (280.27) / 1750 - 2500
Mixture preparation	Direct injection
Exhaust emission control	DOC / DPF
Emissions class	EU5
Alternator in A / battery in A/Ah	120-180 (air-cooled) / 520/92
Start-stop system	Switches the engine off if the vehicle is stationary and the brake is engaged.
<b>Drivetrain / transmission</b>	
Drive type	Front-wheel drive
Clutch	Two electrohydraulically controlled multi-plate clutches in an oil bath
Transmission type	Continuously variable multitronic automatic transmission
Gear ratio in 1st gear / 2nd gear	2.404/ 1.441
Gear ratio in 3rd gear / 4th gear	1.031/ 0.797
Gear ratio in 5th gear / 6th gear	0.637/ 0.523
Gear ratio in 7th gear / 8th gear	0.437/ 0.382
Reverse gear / final drive ratio	2.908 / 5.390
<b>Suspension / steering / brakes</b>	
Front suspension	Five-link front suspension, double upper and lower wishbones, anti-roll bar, steel springs
Rear suspension	Self-tracking trapezoidal-link axle with wishbone, anti-roll bar, steel springs
Steering / steering ratio / turning circle in meters (D102)	Electromechanical steering with speed-dependent power assistance / 16.1 / approx. 11.9
Brake system	Dual-circuit brake system with diagonal split, electronic stabilization control ESC, brake servo, hydraulic brake assist; front: ventilated disks, aluminum composite floating calipers; rear: solid disks, cast floating calipers with electromechanical parking brake
Wheels / tires	17" 10-spoke design with 225/55 R 17 tyres
<b>Performance / consumption / acoustics</b>	
Top speed in km/h	216
Acceleration, 0-100 km/h in sec	8.5
Fuel / octane value	Diesel, sulfur-free, according to DIN EN 590 / -
Fuel consumption: city / highway / combined, l/100 km	6.1 / 4.5 / 5.1
CO <sub>2</sub> mass emission, g/km	162 / 119 / 135
Idling / drive-past exterior noise level in dB (A)	71 / 70
<b>Servicing / Warranty</b>	
service interval	15,000 km or 12 months (what ever comes first)
Vehicle / paint / rust perforation guarantee	3 years / 3 years / 12 years
<b>Weights / loads</b>	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1650 / 1725 / 2280
Axle load limit at front / rear in kg	1150 / 1275
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg	1800 / 1600 / 750
Roof load limit / permissible nose weight in kg	100 / 85
<b>Capacities</b>	
Cooling system capacity (incl. heating) in liters	12
Engine oil capacity (including filter) in liters	5.0
Fuel tank capacity in liters	65
<b>Body / dimensions</b>	
Body type / number of doors / seats	Unitary, vehicle-safety optimized body in steel/aluminum composite construction / 4 aluminum doors with side impact protection / 5
Drag coefficient Cd / frontal area A in m <sup>2</sup>	0.30 / 2.31
Length (L103) / width excluding mirrors (W103) / height (H101-M), mm	4926 / 1874 / 1461 (with roof-mounted aerial the vehicle height increases by 21 mm)
Wheelbase (L101) / track at front/rear (W101-1/W101-2), mm	2912 / 1627 / 1618
Height of loading lip in mm (H196)	632 (unladen)
Luggage capacity in liters, according to VDA block method (V211) / rear seat bench folded	565 / 1680