

# Technical Data – Audi A6 allroad quattro 3.0 TDI clean diesel S tronic (160 kW)

Program for Australia

Status: March 2015

<b>Engine / electronics</b>	
Engine type	V6 engine with 90° V angle
Valve gear / number of valves per cylinder	Roller cam followers with hydraulic valve play compensation / 4
Displacement in cc / bore x stroke in mm / compression	2967 / 83.0 x 91.4 / 16.0
Max. power output in kW / at rpm	160 / 3250 - 4500
Max. torque in Nm / at rpm	500 / 1250 - 3000
Mixture preparation	Common rail injection system (piezo injectors, max. 2000 bar), direct injection, eight-hole nozzles, VTG turbocharger with intercooler; swirl and tangential intake ports, central swirl flap
Exhaust emission control	Oxidizing catalytic converter and diesel particulate filter with SCR coating
Emissions class	EU 6
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	quattro permanent all-wheel drive with self-locking centre differential
Clutch	Two electrohydraulically controlled multi-plate clutches in an oil bath
Transmission type	7-speed S tronic direct-shift transmission with electrohydraulic control
Gear ratio in 1st gear / 2nd gear	3.692 / 2.150
Gear ratio in 3rd gear / 4th gear	1.344 / 0.974
Gear ratio in 5th gear / 6th gear	0.739 / 0.574
Gear ratio in 7th gear / 8th gear	0.462 / -
Reverse gear / final drive ratio	2.944 / 4.093
<b>Suspension / steering / brakes</b>	
Front suspension	Five-link front suspension, double upper and lower wishbones, anti-roll bar, air suspension
Rear suspension	Self-tracking trapezoidal-link axle with wishbone, anti-roll bar, air suspension
Steering / steering ratio / turning circle in m (D102)	Electromechanical steering with speed-dependent power assistance / 16.1 / 11.9
Brake system	Dual-circuit brake system with diagonal split, electronic stabilization control ESC, brake servo, hydraulic brake assist; front: ventilated disks, aluminum floating calipers; rear: ventilated disks, cast floating calipers with electromechanical parking brake
Wheels / Tyres	19 inch alloy wheels with 255/45 R19 tyres
<b>Performance / consumption / acoustics</b>	
Top speed in km/h	227
Acceleration, 0-100 km/h in sec	7.3
Fuel / octane value	Diesel, sulfur-free, according to DIN EN 590 / -
Idling / drive-past exterior noise level in dB	70 / 70
<b>Consumption / emissions (according to tyre size)</b>	
As per ADR (81/02)	
<b>Tire category 1: 18-inch to 20-inch</b>	
Fuel consumption: city / highway / combined, in l/100 km	6.4 / 5.2 / 5.6
CO <sub>2</sub> mass emission city / highway / combined, in g/km	168 / 138 / 149
<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	1890 / 1965 / 2520
Axle load limit at front / rear in kg	1280 / 1380
Trailer load limit on 8% / 12% gradient, braked / unbraked, in kg	2500 / 2500 / 750
Roof load limit / permissible nose weight in kg	100 / 100
<b>Capacities</b>	
Cooling system capacity (incl. heating) in l	11.5
Engine oil capacity (including filter) in l	7.9
Fuel tank capacity in l	73
<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>	0.31 / 2.36
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4938 / 1898 / 1451 (lowered level), 1511 (raised level 2) with roof-mounted aerial the vehicle height increases by 22 mm in all cases
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2905 / 1631 / 1596
Height of loading lip (H196) in mm	624 (lowered level) / 684 raised level 2 (empty)
Luggage compartment volume / with rear seat bench folded in l	565 (V211) / 1680 (roof high)