

# Technical Data – Audi A3 Sportback 1.6 TDI S tronic (81 kW)

Program for Australia

Status: November 2016

<b>Engine / electronics</b>	
Engine type	Inline four-cylinder diesel engine with VTG turbocharger and indirect intercooler, double overhead camshaft
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	1598 / 79.5 x 80.5 / 16.2
Max. power output in kW / at rpm	81 / 3200 - 4000
Max. torque in Nm / at rpm	250 / 1500 - 3000
Mixture preparation	Common rail direct injection system, 2,000 bar with solenoid valve injectors, seven-hole nozzles, cylinder pressure controlled system, low-pressure and high-pressure exhaust gas recirculation
Exhaust emission control	Close-coupled exhaust emission control with coated diesel particulate filter and primary NOx adsorber catalyst, low-pressure and high-pressure exhaust gas recirculation (dual-circuit EGR system)
Emissions class	EU 6
Alternator in A / battery in A/Ah	140 / 420/70
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 with Electronic Stabilization Control (ESC)
Clutch	Two electrohydraulically operated dry clutches
Transmission type	7-speed S tronic dual-clutch transmission
Gear ratio in 1st gear / 2nd gear	3.500 / 2.087
Gear ratio in 3rd gear / 4th gear	1.343 / 0.933
Gear ratio in 5th gear / 6th gear	0.974 / 0.778
Gear ratio in 7th gear / 8th gear	0.653 / -
Reverse gear / final drive ratio	3.722 / 1st - 4th gear 4.800 / 5th - 7th gear 3.429 / Reverse gear 4.500
<b>Suspension / steering / brakes</b>	
Front suspension	McPherson struts with lower wishbones, subframe, tubular anti-roll bar
Rear suspension	Torsion-beam rear suspension with separate spring-damper arrangement
Steering / steering ratio / turning circle in m (D102)	Electromechanical steering with speed-dependent power assistance / 15.3 / 10.9
Brake system	Dual-circuit brake system with diagonal split, ESC with torque vectoring, hydraulic brake assist, disk brakes ventilated at front, solid at rear; electromechanical parking brake
Wheels / tyres (basic)	16" alloy wheels with 205/55 R16 tyres
<b>Performance / fuel / acoustics</b>	
Top speed in km/h	200
Acceleration, 0-100 km/h in s	10.7
Fuel / octane value	Diesel according to EN 590 /
Idling / drive-past exterior noise level in dB (A)	69 / 69
<b>Fuel consumption / emissions (according to tyre size)</b>	
<b>Tyre category</b>	205/55 R16 91W, H6U
Fuel consumption: city / highway / combined, in l/100 km	4.6 / 3.7 / 4.1
CO <sub>2</sub> mass emission city / highway / combined, in g/km	120 / 98 / 107
<b>Servicing / guarantee (Australia)</b>	
Service inspection after max. km	According to service indicator up to 15,000 km (max. 1 year)
Vehicle / paint / rust perforation guarantee	3 years with unlimited mileage / 3 years / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	16 / 19 / 23
<b>Weights / loads</b>	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1285 / 1360 / 1845
Axle load limit at front / rear in kg (lb)	1040 / 930
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg	1700 / 1500 / 680
Roof load limit / permissible nose weight in kg	75 / 75
<b>Capacities</b>	
Cooling system capacity (incl. heating) in l	12
Engine oil capacity (including filter) in l	4.7
Fuel tank capacity in l	50
<b>Body / dimensions</b>	
Body type / number of doors / seats	Unitary / steel / 5 / 5
Drag coefficient Cd / frontal area A in m <sup>2</sup>	0.31 / 2.13
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4313 / 1785 / 1426
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2637 / 1543 / 1514
Height of loading lip (H196) in mm	679 (H196)
Luggage capacity / with rear seat bench folded in l	380 / 1220