

Technical Data – Audi A1 Sportback 1.0 TFSI S tronic (70 kW)

Program for Australia

Status: May 2015

Engine / electronics	
Engine type	Inline three-cylinder spark-ignition engine with gasoline direct injection, exhaust turbocharger with indirect intercooler, four valves per cylinder, double overhead camshafts (DOHC)
Valve gear / number of valves per cylinder	Tooth-belt drive, roller cam followers / 4
Displacement in cc / bore x stroke in mm / compression	999 / 74.5 x 75.4 / 10.5
Max. power output in kW / at rpm	70 / 5000 - 5500
Max. torque in Nm / at rpm	160 / 1500 - 3500
Mixture preparation	Fully electronic direct injection with drive-by-wire throttle control
Exhaust emission control	Ceramic underfloor catalytic converter with catalyst heating function via homogeneous split dual injection
Emissions class	EU 6
Alternator in A / battery in A/Ah	140 / 320/59
Start-stop system	Switches the engine off if the vehicle is stationary and the brake is engaged.
Drivetrain / transmission	
Drive type	Front-wheel drive with Electronic Stabilization Control (ESC)
Clutch	Two electrohydraulically operated multi-plate clutches
Transmission type	7-speed S tronic dual-clutch transmission
Gear ratio in 1st gear / 2nd gear	3.765 / 2.273
Gear ratio in 3rd gear / 4th gear	1.531 / 1.122
Gear ratio in 5th gear / 6th gear	1.176 / 0.951
Gear ratio in 7th gear	0.795
Reverse gear / final drive ratio	4.168 / reverse gear 4.438 / 1st - 4th gear 3.227 / 5th - 7th gear 4.176 / reverse gear
Suspension / steering / brakes	
Front suspension	McPherson struts with lower wishbones, anti-roll bar, track-stabilizing steering roll radius, steel subframe
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 / 14.8 / 10.6
Brake system	Dual-circuit brake system with diagonal split, ESC with electronic brake-force distribution EBD, electronic limited slip differential, ABS, electronic differential lock EDL, hydraulic brake assist; front: ventilated disks, rear: disks
Wheels / tyres	6J x 15" alloy wheels / 185/60 R15 tyres
Performance / consumption / acoustics	
Top speed in km/h	186
Acceleration, 0-100 km/h in sec	11.1
Fuel / octane value	Premium unleaded / 95 RON
Idling / drive-past exterior noise level in dB (A)	83 / 70
Consumption / emissions (according to tyre size)	
Tyre category 1: 15-inch and 16-inch tyres	
Fuel consumption: city / highway / combined, in l/100 km	5.4 / 3.8 / 4.4
CO ₂ mass emission city / highway / combined, in g/km	125 / 89 / 102
Tyre category 2: 17-inch tyres	
Fuel consumption: city / highway / combined, in l/100 km	5.5 / 3.9 / 4.5
CO ₂ mass emission city / highway / combined, in g/km	126 / 90 / 103
Tyre category 3: 18-inch tyres	
Fuel consumption: city / highway / combined, in l/100 km	5.6 / 4.0 / 4.6
CO ₂ mass emission city / highway / combined, in g/km	130 / 94 / 107
Servicing / guarantee (Australia)	
Service inspection after max. km	12 months or 15,000km
Vehicle / paint / rust perforation guarantee	3 years with unlimited kilometres / 3 years / 12 years
Weights / loads	
Unladen weight in kg according to EU (excluding driver) / (including driver) / gross weight limit in kg	1090 / 1165 / 1610
Axle load limit at front / rear in kg	885 / 800
Trailer load limit on 8% / 12% gradient, braked / unbraked, in kg	1200 / 1000 / 580
Roof load limit / permissible nose weight in kg	75 / 50
Capacities	
Cooling system capacity (incl. heating) in l	6.2
Engine oil capacity (including filter) in l	4.5
Fuel tank capacity in l	45
Body / dimensions	
Body type / number of doors / seats	Unitary, steel / 5 doors with additional side protection / 5
Drag coefficient Cd / frontal area A in m ²	0.31 / 2.04
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	3973 / 1746 / 1422
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2469 / 1477 / 1471
Height of loading lip (H196) in mm	663
Luggage compartment volume / with rear seat bench folded in l	270 / 920