

# Technical Data – Audi A1 Sportback 1.8 TFSI S tronic (141 kW)

Program for Australia

Status: May 2015

<b>Engine / electronics</b>	
Engine type	Inline four-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	1798 / 82.5 x 84.1 / 9.6
Max. power output in kW / at rpm	141 / 5400
Max. torque in Nm / at rpm	250 / 1250 - 5300
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	110 / 380/68
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 multi-plate 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 / 0.940
Gear ratio in 5th gear / 6th gear	0.978 / 0.780
Gear ratio in 7th gear / 8th gear	0.653 / -
Reverse gear / final drive ratio	3.721 / reverse gear 4.800 / 1st–4th gear 3.429/ 5th–7th gear 4.500 / reverse gear
<b>Suspension / steering / brakes</b>	
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/shock absorber
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; at front: ventilated disks, rear: disks
Wheels / tyres	7 J x 16 aluminum wheels / 215/45 R16 tyres
<b>Performance / consumption / acoustics</b>	
Top speed in km/h	234
Acceleration, 0-100 km/h in sec	6.9
Fuel / octane value	Premium unleaded / 95 RON
Idling / drive-past exterior noise level in dB (A)	81 / 73
<b>Consumption / emissions (according to tyre size)</b>	
<b>Tyre group 1: 16-inch</b>	
Fuel consumption: city / highway / combined in l/100 km	7.1 / 4.7 / 5.6
CO <sub>2</sub> mass emission city / highway / combined, in g/km	165 / 109 / 129
<b>Tyre group 2: 17-inch</b>	
Fuel consumption: city / highway / combined in l/100 km	7.2 / 4.7 / 5.6
CO <sub>2</sub> mass emission city / highway / combined, in g/km	167 / 109 / 130
<b>Tyre group 3: 18-inch</b>	
Fuel consumption: city / highway / combined in l/100 km	7.4 / 4.9 / 5.8
CO <sub>2</sub> mass emission city / highway / combined, in g/km	171 / 113 / 134
<b>Servicing / guarantee (Australia)</b>	
Service inspection after max. km	12 months or 15,000km
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	1205 / 1280 / 1705
Axle load limit at front / rear in kg	955 / 835
Trailer load limit on 8% / 12% gradient, braked / unbraked, in kg	1200 / 1200 / 640
Roof load limit / permissible nose weight in kg	75 / 50
<b>Capacities</b>	
Cooling system capacity (incl. heating) in l	8.5
Engine oil capacity (including filter) in l	4.5
Fuel tank capacity in l	45
<b>Body / dimensions</b>	
Body type / number of doors / seats	Unitary, steel / 5 doors with additional side protection / 5
Drag coefficient Cd / frontal area A in m <sup>2</sup>	0.32 / 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