

Technical Data – Audi S1 Sportback 2.0 quattro TFSI (170 kW)

Program for Australia

Status: September 2014

Engine / electronics	
Engine type	Inline four-cylinder spark-ignition engine with petrol direct injection, exhaust turbocharger with intercooler, four valves per cylinder, double overhead camshafts (DOHC)
Valve gear / number of valves per cylinder	Chain drive, two-stage valvelift system (AVS), continuous intake and exhaust camshaft adjustment / 4
Displacement in cc / bore x stroke in mm / compression	1984 / 82.5 x 92.8 / 9.3
Max. power output in kW / at rpm	170 / 6000
Max. torque in Nm / at rpm	370 / 1600-3000
Mixture preparation	Fully electronic engine management with drive-by-wire throttle control, combined direct and manifold injection, adaptive lambda control, mapped ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control
Exhaust emission control	Close-coupled ceramic catalytic converter, oxygen sensor before the turbine (cylinder-selective detection)
Emissions class	EU 6
Alternator in A / battery in A/Ah	140 / 380/68
Start-stop system	Switches the engine off if the vehicle is stationary and no gear is engaged.
Drivetrain / transmission	
Drive type	quattro permanent all-wheel drive with electronically controlled multi-plate clutch, electronic differential lock EDL
Clutch	Hydraulically operated single-plate dry clutch
Transmission type	6-speed manual transmission, synchronesh on all gears
Gear ratio in 1st gear / 2nd gear	3.357 / 2.087
Gear ratio in 3rd gear / 4th gear	1.481 / 1.088
Gear ratio in 5th gear / 6th gear	1.097 / 0.912
Reverse gear / final drive ratio	3.990 / 1st – 4th gear 3.944 / 5th, 6th and reverse gear 3.087
Suspension / steering / brakes	
Front suspension	McPherson struts with lower wishbones, anti-roll bar, track-stabilizing steering roll radius, steel subframe
Rear suspension	Four-link rear suspension with separate spring/shock absorber arrangement, subframe, anti-roll bar
Steering / steering ratio / turning circle in metres (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 differential lock EDL; hydraulic brake assist; hill hold assist; disk brakes ventilated at front, disc brakes solid at rear
Wheels / tyres	7.5J x 17 alloy wheels, 215/40 R17 tyres
Performance / consumption / acoustics	
Top speed in km/h	250
Acceleration, 0 – 100 km/h, s	5.9
Fuel / octane value	Premium sulphur-free according to DIN EN 228 / 95 RON
Fuel consumption: city / highway / combined in l/100 km	9.2 / 5.9 / 7.1
CO ₂ mass emission in g/km	214 / 137 / 166
Idling / drive-past exterior noise level in dB (A)	85 / 75
Servicing / warranty (Australia)	
Service intervals	Every 15,000km or 12 months
Vehicle / paint / rust perforation guarantee	3 years with unlimited kilometres / 3 years / 12 years
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1340 / 1415 / 1790
Axle load limit at front / rear in kg	960 / 870
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg	- / - / -
Roof load limit / permissible nose weight in kg	75 / -
Capacities	
Cooling system capacity (incl. heating) in litres	8.6
Engine oil capacity (including filter) in litres	6.0 (oil change incl. filter)
Fuel tank capacity in litres	45
Body / dimensions	
Body type / number of doors / seats	Unitary, steel / 5 doors with additional side protection / 4
Drag coefficient Cd / frontal area A in m ²	0.34 / 2.04
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	3975 / 1746 / 1423
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2469 / 1474 / 1452
Height of loading lip (H196) in mm	663
Luggage capacity in litres, according to VDA block method (V211) / rear seat bench folded	210 / 860