

Technical Data – A3 Sportback 2.0 TFSI quattro S tronic (140 kW)

Program for Australia

Status: November 2016

Engine / electronics	
Engine type	Inline four-cylinder spark-ignition engine with gasoline direct injection, exhaust turbocharger and Audi valvelift system
Valve gear / number of valves per cylinder	Roller cam followers; continuous intake and exhaust camshaft adjustment; intake valve stroke adjustment AVS / 4
Displacement in cc / bore x stroke in mm / compression	1984 / 82.5 x 92.8 / 11.65
Max. power output in kW / at rpm	140 / 4200 - 6000
Max. torque in Nm / at rpm	320 / 1500 - 4200
Mixture preparation	Sequential high-pressure direct and multipoint manifold injection with adaptive idle-charge control, overrun fuel cut-off, adaptive lambda control; mapped ignition with solid-state high-voltage distribution via single-spark coils, cylinder-selective adaptive knock control; manifold pressure measurement and air-mass measurement via HFM, active boost-pressure control via an electric wastegate actuator
Exhaust emission control	Close-coupled ceramic catalytic converter, oxygen sensor in front of turbocharger and behind catalytic converter
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	quattro permanent all-wheel drive with electronically controlled multi-plate clutch, Electronic Differential Lock (EDL)
Clutch	Two electrohydraulically controlled multi-plate clutches in an oil bath
Transmission type	7-speed S tronic dual-clutch transmission
Gear ratio in 1st gear / 2nd gear	3.400 / 2.750
Gear ratio in 3rd gear / 4th gear	1.767 / 0.925
Gear ratio in 5th gear / 6th gear	0.705 / 0.755
Gear ratio in 7th gear / 8th gear	0.635 / -
Reverse gear / final drive ratio	2.901 / 1st, 4th, 5th gear 4.167 / 2nd, 3rd, 6th, 7th gear 3.125 / reverse gear
Suspension / steering / brakes	
Front suspension	McPherson struts with lower wishbones, subframe, tubular anti-roll bar
Rear suspension	Four-link rear suspension with separate spring/shock absorber arrangement, subframe, tubular anti-roll bar
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)	18" alloy wheels with 225/40 R18 tyres
Performance / fuel / acoustics	
Top speed in km/h	236
Acceleration, 0-100 km/h in s	6.2
Fuel / octane value	Premium unleaded / 95 RON
Idling / drive-past exterior noise level in dB (A)	75 / 67
Fuel consumption / emissions (according to tyre size)	
Tyre category	225/40 R18 92Y, Q99
Fuel consumption: city / highway / combined, in l/100 km	7.6 / 5.3 / 6.2
CO ₂ mass emission city / highway / combined, in g/km	175 / 122 / 142
Servicing / guarantee (Australia)	
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	14 / 21 / 22
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1385 / 1460 / 1945
Axle load limit at front / rear in kg	1070 / 1010
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg	1800 / 1600 / 730
Roof load limit / permissible nose weight in kg	75 / 75
Capacities	
Cooling system capacity (incl. heating) in l	9 (excl. auxiliary heating)
Engine oil capacity (including filter) in l	5.7
Fuel tank capacity in l	55
Body / dimensions	
Body type / number of doors / seats	Unitary / steel / 5 / 5
Drag coefficient Cd / frontal area A in m ²	0.32 / 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
Luggage capacity / with rear seat bench folded in l	340 / 1180