

Technical Data	A7 Sportback 55 TFSI quattro S tronic (250 kW)
Program for Australia	Status: October 2018
Engine / electronics	
Engine type	V6 engine
Valve gear / number of valves per cylinder	Roller cam followers, continuous intake and exhaust camshaft adjustment, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
Displacement in cm ³ / bore x stroke in mm / compression	2995 / 84.5 x 89.0 / 11.2
Max. power output in kW / at rpm	250 / 5000 - 6400
Max. torque in Nm / at rpm	500 / 1370 - 4500
Mixture preparation	Direct injection, lambda control, knock control, turbocharger, intercooler
Exhaust emission control	Close-coupled catalytic converter, oxygen sensor
Emission standard	EU 6
Alternator in A / battery rated capacity in Ah	Not available / 70
Max. electrical output at 12V in kilowatts	3
Start-stop system / REM	yes / yes
On-board voltage 1 in volts	12
On-board voltage 2 in volts	48
Drivetrain / transmission	
Drive type	quattro all-wheel drive with ultra technology
Type of centre differential	Electronically controlled multi-plate clutch
Type of rear axle differential	Standard
Clutch	Dual clutch
Transmission type	7-speed S tronic / dual clutch
Transmission ratio in 1st/2nd gear	3.188 / 2.190
Transmission ratio in 3rd/4th gear	1.517 / 1.057
Transmission ratio in 5th/6th gear	0.738 / 0.508
Transmission ratio in 7th/8th gear	0.386 / -
Reverse gear transmission ratio / final drive ratio 1-2	2.750 / 4.410
Suspension / steering / brakes	
Type and design of front axle suspension	Five-link front axle; tubular anti-roll bar
Type and design of rear axle suspension	Five-link rear axle; tubular anti-roll bar
Steering	Electromechanical progressive steering with speed-dependent power assistance
Steering ratio / optional steering ratio	15.8 / -
Turning circle in m	12.2
Brake control system	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist
Wheels / tyres (basic)	Cast aluminum 8.0Jx20" 255/40 R20
Performance / consumption / acoustics	
Top speed in km/h	250
Governed	yes
Acceleration, 0-100 km/h	5.3
Fuel grade / octane value	Gasoline / 95
Fuel standard	Premium sulfur-free according to DIN EN 228
Exterior noise level when stationary / passing as per ECE R51.02 / passing as per ECE R51.03 in db (A)	74.0 / 69 / 67
Fuel consumption / emissions (according to tyre size)	
Tyre package 20"	255/40 R20 101Y, HH1
fuel consumption, city / highway / combined in litres per 100 kilometres	9.5 / 6.0 / 7.3
CO2 emissions city / highway / combined in grams per kilometre	215 / 136 / 165
Tyre package 21"	255/35 R21 98Y, I56
fuel consumption, city / highway / combined in litres per 100 kilometres	9.6 / 6.1 / 7.4
CO2 emissions city / highway / combined in grams per kilometre	218 / 139 / 168
Servicing / guarantee (Australia)	
Service interval	15,000km or 12 months, whichever comes first
Vehicle / paint / rust perforation guarantee	3 years with unlimited mileage / 3 years / 12 years
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg	1815 / 1890 / 2470
Gross weight limit min. / max. in kg	2470 / 2470
Axle load limit at front/rear in kg	1255 / 1305
Axle load limit at rear in kg	Not available
Axle load limit min. / max. in kg	1305 / 1335
Trailer load limit on 8% / 12% gradient, braked // unbraked; in kg	2000 / 2000 // 750
Roof load limit / permissible nose weight in kg	90 / 95
Capacities	
Cooling system capacity (incl. heating) in l	10.7
Engine oil capacity, including filter (change volume) in liters	7.6
Fuel tank capacity in litres	63
Optional fuel tank capacity in litres	73
Dimensions / body	
Body type / number of doors / number of seats	Unitary steel/aluminum composite construction / 5 / 4+1
Drag coefficient Cd / frontal area A in m ²	0.27 / 2.29
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm	4969 / 1908 / 1422 / -
Width including mirrors in mm	2118
Wheelbase / track width front/rear in mm	2926 / 1651 / 1637
Overhang angle of steel springs front/rear in degrees	12.40 / 14.10
Overhang angle of air springs front/rear in degrees	-
Height of loading lip with steel springs / air springs in mm	669 / -
Luggage capacity behind 2nd seat bench, open / closed in l	Not available / 535