

Technical Data	A8 50 TDI 3.0 quattro tiptronic (210 kW)
Program for Australia	Status: July 2018
Engine / electronics	
Engine type	V6 engine
Valve gear / number of valves per cylinder	Roller cam followers, overhead camshafts, hydraulic valve play compensation / 2/2 inlet/exhaust valves per cylinder
Displacement in cm ³ / bore x stroke in mm / compression	2967 / 83.0 x 91.4 / 16.0
Max. power output in kW / at rpm	210 / 3750 - 4000
Max. torque in Nm / at rpm	600 / 1250 - 3250
Mixture preparation	Common rail fuel injection system
Exhaust emission control	Oxidising catalytic converter, SCR catalytic converter, diesel particulate filter, exhaust gas recirculation
Emission class	EU6
Alternator in A / battery rated capacity in Ah	- / 70
Max. electrical output at 12V in kilowatts	3
Start/Stop / 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
Type of centre differential	Self-locking
Type of rear axle differential	Standard
Clutch	Hydraulic torque converter with lock-up clutch
Transmission type	8-speed tiptronic / automatic
Transmission ratio in 1st/2nd gear	4.714 / 3.143
Transmission ratio in 3rd/4th gear	2.106 / 1.667
Transmission ratio in 5th/6th gear	1.285 / 1.000
Transmission ratio in 7th/8th gear	0.839 / 0.667
Reverse gear transmission ratio / final drive ratio 1-2	3.317 / 2.503
Suspension / steering / brakes	
Front suspension	Five-link front axle; tubular anti-roll bar; air spring suspension
Rear suspension	Five-link rear axle; tubular anti-roll bar; air spring suspension
Steering / steering ratio / turning circle in m	Electromechanical steering with speed-dependent power assistance / 15.8 / 12.5
Brake system	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist
Wheels / tyres	Cast aluminium 9.0J x 19 / 255/45 R19
Performance / fuel / acoustics	
Top speed in km/h	250
Governed	yes
Acceleration, 0-100km/h in s	5.9
Fuel type / octane value	Diesel / -
Fuel standard	DIN EN 590
Idling / drive-past exterior noise level in dB (A)	68.0 / 67

Fuel consumption / emissions	
Tyre package 19"	255/45 R19 104Y, Q55
Fuel consumption, urban/extra-urban/combined in litres per 100 kilometres	6.6 / 5.5 / 5.9
CO ₂ emissions urban/extra-urban/combined in grams per kilometre	171 / 144 / 154
Tyre package 20"	265/40 R20 104Y, Q57
Fuel consumption, urban/extra-urban/combined in litres per 100 kilometres	6.6 / 5.6 / 6.0
CO ₂ emissions urban/extra-urban/combined in grams per kilometre	172 / 147 / 156
Servicing / guarantee	
Service interval	According to service indicator, depending on driving style and operating conditions between 15,000 km or 1 year
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	1975 / 2050 / 2690
Front/rear axle load limit in kg	1335 / 1430
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg	2300 / 2300 / 750
Roof load limit / permissible nose weight in kg	100 / 95
Capacities	
Cooling system capacity (incl. heating) in l	12.9
Engine oil capacity, including filter (change volume) in litres	6.1
Fuel tank capacity in litres	72
Optional fuel tank capacity in litres	82
Body / dimensions	
Body type / number of doors / number of seats	Audi Space Frame (ASF) / 4 / 5
Drag coefficient Cd / frontal area A in m ²	0.26 / 2.43
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm	5172 / 1945 / - / 1473
Width including mirrors in mm	2130
Wheelbase / track width front/rear in mm	2998 / 1644 / 1633
Overhang angle of air spring front/rear in degrees	14.0 / 13.7
Height of loading edge with steel springs / air springs in mm	- / 697
Luggage capacity behind 2nd seat bench, open / closed in l	- / 505