

Technical Data – Audi A5 2.0 TDI quattro S tronic (140 kW)

Program for Australia

Status: March 2017

Engine / electronics	
Engine type	Inline four-cylinder diesel engine with VTG turbocharger, DOHC, TDI direct injection
Valve gear / number of valves per cylinder	Cam followers with hydraulic valve-play compensation / 4
Displacement in cc / bore x stroke in mm / compression	1968 / 81.0 x 95.5 / 15.5
Max. power output in kW / at rpm	140 / 3800 - 4200
Max. torque in Nm / at rpm	400 / 1750 - 3000
Mixture preparation	Common rail injection system, 2000 bar with solenoid injectors, direct injection, eight-hole nozzles, VTG turbocharger with indirect intercooler; swirl and tangential intake ports; volume, injection start, charge pressure, low-pressure and high-pressure EGR control
Exhaust emission control	Oxidizing catalytic converter, SCR catalytic converter, water-cooled exhaust gas recirculation, coated maintenance-free diesel particulate filter
Emissions class	EU 6
Alternator in A / battery in A/Ah	110-150 / 420/79
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 self-locking center differential and torque vectoring
Clutch	Hydraulically operated wet dual clutch axially arranged, dual-mass flywheel with centrifugal pendulum
Transmission type	7-speed dual-clutch transmission
Gear ratio in 1st gear / 2nd gear	3.188 / 2.190
Gear ratio in 3rd gear / 4th gear	1.517 / 1.057
Gear ratio in 5th gear / 6th gear	0.738 / 0.508
Gear ratio in 7th gear / 8th gear	0.386 / -
Reverse gear / final drive ratio	2.750 / 4.270
Suspension / steering / brakes	
Front suspension	Independent-wheel suspension, five-link axle with front track rod, aluminum transverse link, subframe and tubular anti-roll bar
Rear suspension	Independent-wheel suspension, five-link axle with rear track rod, resiliently mounted subframe and anti-roll bar
Steering / steering ratio / turning circle in m (D102)	Electromechanical steering with speed-dependent power assistance / 15.9 / 11.5
Brake system	Dual circuit brake system split between axles (black/white brake circuit split), Antilock Brake System (ABS) with Electronic Brake Force Distribution (EBD), Electronic Differential Lock (EDL), traction control (ASR), Electronic Stabilization Control (ESC), front: ventilated disks / rear: disks
Wheels / tyres (basic)	18 inch alloy wheels with 245/40 R 18 tyres
Performance / fuel / acoustics	
Top speed in km/h	235
Acceleration, 0-100 km/h in s	7.2
Fuel / octane value	Diesel according to EN 590 / -
Idling / drive-past exterior noise level in dB (A)	74 / 71
Consumption / emissions	
18 inch alloy wheels	245/40 R18 93Y, H7U
Fuel consumption: city / highway / combined, in l/100 km	5.2 / 4.1 / 4.6
CO ₂ mass emission city / highway / combined, in g/km	136 / 109 / 121
Servicing / Warranty (Australia)	
Scheduled service intervals	15,000km or 12 months, whichever comes first
Vehicle / paint / rust perforation warranty	unlimited kilometres up to 3 years / 3 years / 12 years
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1565 / 1640 / 2080
Axle load limit at front / rear in kg	1125 / 1070
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg	2000 / 1800 / 750
Roof load limit / permissible nose weight in kg	75 / 80
Capacities	
Cooling system capacity (incl. heating) in l	11.9
Engine oil capacity (including filter) in l	4.7
Fuel tank capacity in l	Fuel tank: 58 AdBlue tank: 24
Body / dimensions	
Body type / number of doors / seats	Unitary, galvanized, steel / 2 / 4
Drag coefficient Cd / frontal area A in m ²	0.27 / 2.14
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4673 / 1846 / 1371
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2764 / 1587 / 1568
Height of loading lip (H196) in mm	669
Luggage capacity / with rear seat bench folded in l	465 / -