

Technical Data – Audi A4 2.0 TDI quattro S tronic (140 kW)

Program for Australia

Status: February 2016

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 with 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	120 - 180 / 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	Electromechanical steering with speed-dependent power assistance / 15.9 / 11.6
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
Wheels / tires	19 inch alloy wheels with 245/35 R19 tires
Performance / consumption / 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	74 / 71
Consumption / emissions	
19 inch alloy wheels	245/35 R19 93Y, HZ1
Fuel consumption: city / highway / combined in l/100 km	5.3 / 4.3 / 4.6
CO ₂ mass emission city / highway / combined, in g/km	139 / 112 / 121
Servicing / Warranty	
Scheduled service intervals	15,000km or 12 months, whichever come 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	1575 / 1650 / 2160
Axle load limit at front / rear in kg	1115 / 1140
Trailer load limit on 8% / 12% gradient, braked / unbraked, in kg	2000 / 1800 / 750
Roof load limit / permissible nose weight in kg	90 / 80
Capacities	
Cooling system capacity (incl. heating) in l	11
Engine oil capacity (including filter) in liters	4.7
Fuel tank capacity in l	58
Body / dimensions	
Body type / number of doors / seats	Galvanized, unitary steel body, crumple zones at front and rear / 4 doors with additional side protection / 5
Drag coefficient Cd / frontal area A in m ²	0.27 / 2.20
Length / width excluding mirrors / height in mm	4726 / 1842 / 1427
Wheelbase / track at front/rear in mm	2820 / 1572 / 1555
Height of loading lip in mm	684
Luggage capacity / with rear seat bench folded in l	480 / 965