

Technical Data - Audi A4 Avant 2.0 TDI (105 kW)

Model	Audi A4 Avant 2.0 TDI with diesel particulate filter (105 kW)	
Engine / electronics		
Engine type	Inline four-cylinder diesel engine with VTG turbocharger, DOHC TDI ¹⁾ 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 / 16.5	
Max. power output in kW (hp) / at rpm	105 (143) / 4200	
Max. torque in Nm / at rpm	320 / 1750 - 2500	
Engine management / mixture preparation	Common rail injection system, 1800 bar with piezo injectors, direct injection with eight-hole nozzles, VTG turbocharger with intercooler; swirl and tangential intake ports, regulated swirl port; Bosch EDC; volume, injection start, charge pressure, low temperature EGR control	
Exhaust emission control	Oxidizing catalytic converter, water-cooled exhaust gas recirculation, coated maintenance-free diesel particulate filter	
Emissions class	EU 4	
Alternator in A / battery in A/Ah	150 / 340 / 70	
Drivetrain / transmission		
Drive type	Front-wheel drive with electronic stabilisation program ESP	
Clutch		Electronically controlled multi-plate clutch, oil-cooled
Gearbox type		Continuously variable multitronic transmission with DRP, sport program
Gear ratio in 1st gear / 2nd gear		2.492 / 1.351
Gear ratio in 3rd gear / 4th gear		0.996 / 0.782
Gear ratio in 5th gear / 6th gear		0.635 / 0.528
Gear ratio in 7th gear / 8th gear		0.443 / 0.370
Reverse gear / final drive ratio		3.015 / 5.627
Suspension / steering / brakes		
Front suspension	Five-link front suspension, upper and lower wishbones, tubular anti-roll bar	
Rear suspension	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar	
Steering / steering ratio / turning circle in meters (D102)	Maintenance-free rack-and-pinion steering with power assistance / 16.3 / 11.4	
Brake system, front/rear	Dual-circuit brake system with diagonal split, ABS/EBD and ESP with brake assist; tandem brake booster; front: ventilated disks / rear: disks	
Wheels / tyres	7.5 J x 16 lightweight forged aluminium wheels with 225/55 R16 tyres	
Performance / consumption / acoustics		
Top speed in km/h		200
Acceleration, 0-100 km/h in sec		9.7
Fuel type	Diesel, according to EN 590	
Fuel consumption: combined (l/100 km)		6.0
CO2 emissions: combined (g/km)		159
Idling / drive-past exterior noise level in dB (A)	75 / 72	75 / 72
Servicing / guarantee		
LongLife Service	12 months or 15,000 kms ¹⁾	
Vehicle / paint / rust perforation guarantee	3 years with unlimited mileage / 3 years / 12 years	
Insurance classification in Germany	Data was not available at the time of printing	
Weights / loads		
Unladen weight in kg / gross weight limit in kg		1555 / 2125
Axle load limit at front / rear in kg		1100 / 1145
Trailer load limit, unbraked in kg		750
Trailer load limit on 8% / 12% gradient, braked in kg		1900 / 1700
Roof load limit in kg / permissible nose weight in kg	90 / 80	
Capacities		
Cooling system capacity (including heating) in litres	7.5	
Engine oil capacity (including filter) in litres	5.0	
Fuel tank capacity in litres	70	
Body / dimensions ²⁾		
Body type	Galvanized, unitary steel body, crumple zones at front and rear	
Number of doors / seats	5 doors with additional side protection / 5	
Drag coefficient Cd / frontal area A in m ²	0.31 / 2.20	
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4703 / 1826 / 1436	
Wheelbase L101 / track at front/rear W101-1/W102-2 in mm	2808 / 1564 / 1551	
Height of loading lip in mm (H196)	631	
Luggage capacity in litres, according to VDA block method V211/V214	490 (loaded up to roof with rear seat folded down: 1430)	

1) depends on driving style and operating conditions

2) details of dimensions with unladen vehicle weight