

Technical Data - Audi A4 Avant 1.8 TFSI

Model	Audi A4 Avant 1.8 TFSI (118 kW)	
Engine / electronics		
Engine type	Inline four-cylinder spark-ignition engine with exhaust turbocharger and intercooler, DOHC	
Valve gear / number of valves per cylinder	Intake camshaft adjustment, roller cam followers / 4	
Displacement in cc / bore x stroke in mm / compression	1798 / 82.5 x 84.1 / 9.6	
Max. power output in kW (hp) / at rpm	118 (160) / 4500 - 6200	
Max. torque in Nm / at rpm	250 / 1500 - 4500	
Engine management / mixture preparation	Fully electronic engine management with drive-by-wire throttle control, sequential high-pressure injection with adaptive idle-charge control, overrun fuel cut-off, adaptive lambda control; mapped ignition with solid-state high-voltage distribution via single-spark coils, cylinder-selective adaptive knock control; air-mass measurement, integrated boost-pressure control	
Exhaust emission control	Close-coupled ceramic catalytic converter, oxygen sensor before and after catalytic converter	
Emissions class	EU 4	
Alternator in A / battery in A/Ah	120 / 220 / 44	
Drivetrain / transmission		
Drive type	Front-wheel drive with electronic stabilization 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 / 1.574	
Gear ratio in 3rd gear / 4th gear	1.147 / 0.892	
Gear ratio in 5th gear / 6th gear	0.715 / 0.579	
Gear ratio in 7th gear / 8th gear	0.465 / 0.370	
Reverse gear / final drive ratio	3.015 / 5.970	
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	210	
Acceleration, 0-100 km/h in sec	8.9	
Fuel type	premium unleaded, 95 RON	
Fuel consumption: combined (l/100 km)	7.4	
CO2 emissions: combined (g/km)	175	
Idling / drive-past exterior noise level in dB (A)	77 / 74	
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	
Weights / loads		
Unladen weight in kg / gross weight limit in kg	1510 / 2080	
Axle load limit at front / rear in kg	1060 / 1135	
Trailer load limit, unbraked in kg	750	
Trailer load limit on 8% / 12% gradient, braked in kg	1500 / 1300	
Roof load limit in kg / permissible nose weight in kg	90 / 80	
Capacities		
Cooling system capacity (including heating) in litres	7.0	
Engine oil capacity (including filter) in litres	4.6	
Fuel tank capacity in litres	65	
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