

Technical Data – Audi A4 2.7 TDI (140 kW)

Model	Audi A4 2.7 TDI with diesel particulate filter
Engine / electrics	
Engine type	V6 diesel engine with VTG turbocharger, DOHC; TDI® direct injection
Valve gear / number of valves per cylinder	Roller cam followers with hydraulic valve-play compensation / 4
Displacement in cc / bore x stroke in mm / compression	2698 / 83.0 x 83.1 / 16.8:1
Max. power output in kW / at rpm	140 (190) / 3500 - 4400
Max. torque in Nm / at rpm	400 / 1400 – 3250
Engine management / mixture preparation	Common rail injection system, 1650 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, EGR control
Exhaust emission control	Oxidising catalytic converter, water-cooled exhaust gas recirculation, coated maintenance-free diesel particulate filter
Emissions rating	Euro 4
Alternator in A / battery in A/Ah	150 / 520 / 110
Drive / transmission	
Drivetrain 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	2.478 / 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/ 0.369
Reverse gear / final drive ratio	2.998 / 5.625
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 m (D102)	Maintenance-free rack-and-pinion steering with power assistance / 16.3 / 11.4
Brake system	Dual-circuit brake system with diagonal split, ABS/EBD and ESP with brake assist; tandem brake booster; front: ventilated discs / rear: discs
Wheels / tyres	7.5J x 17" alloy wheels / 225/50 R 17
Performance / consumption / acoustics	
Top speed in km/h	226
Acceleration 0-100 km/h in sec	7.7
Fuel type	Diesel, to EN 590
Fuel consumption: combined (ADR 81/01) (l/100 km)	6.6
CO2 emissions: combined (g/km)	176
Standing / drive-past exterior noise level in dB (A)	79 / 71
Servicing / guarantee	
Servicing	12 months or 15,000km
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	1595 / 2145
Axle load limit at front / rear in kg	1180 / 1080
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	75 / 80
Capacities	
Cooling system capacity (incl. heating) in l	9.0
Engine oil capacity (incl. filter) in l	7.4
Fuel tank capacity in l	65
Body / dimensions ¹⁾	
Body type	Galvanised, unitary steel body, crumple zones at front and rear
Number of doors / seats	4 doors with additional side protection / 5
Drag coefficient Cd / frontal area A in m ²	0.28 ²⁾ / 2.19
Length (L103) / width excl. mirrors (W103) / height (H100-M)	4703 / 1826 / 1427 (mm)
Wheelbase (L101) / track at front/rear (W101-1/W102-2)	2808 / 1564 / 1551 (mm)
Height of loading lip in mm (H196)	673
Luggage capacity in l, acc. to VDA block method (V210) (V212)	480 (with rear seat folded down: 962)

1) details of dimensions with unladen vehicle weight

2) provisional figure