

# Technical Data – Audi A4 Cabriolet 3.0 TDI (233PS) with DPF

Status: September 2005

Model	Audi A4 Cabriolet 3.0 TDI quattro DPF	
<b>Engine / electrics</b>		
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	2967 / 83.0 x 91.4 / 17.0	
Max. power output in PS / at rpm	233 / 4000	
Max. torque in Nm / at rpm	450 / 1400 – 3250	
Engine management / mixture preparation	Common rail direct injection, 1600 bar with piezo injectors; seven-hole injector nozzles, VTG turbocharger with intercooler; swirl and tangential intake ports. Swirl port controlled; Bosch EDC-16 M; volume, injection start, charge pressure, EGR control; CAN bus	
Exhaust emission control	Air-gap insulated exhaust manifold, oxidising converters as primary and main catalytic converters, water-cooled exhaust-gas recirculation, maintenance-free diesel particulate filter	
Emission category	EU 4	
Alternator in A / battery in A/Ah	140 / 450 / 95	
<b>Drive / transmission</b>		
Drive type	Permanent four-wheel drive with Torsen centre differential, ESP	
Clutch	Hydraulically operated single-plate dry clutch with asbestos and lead-free linings	Hydraulic torque converter with lock-up clutch
Gearbox type	6-speed manual, synchromesh on all gears	6-speed tiptronic with DSP and sport program
Gear ratio in 1st gear / 2nd gear	3.667 / 2.050	4.171 / 2.340
Gear ratio in 3rd gear / 4th gear	1.276 / 0.882	1.521 / 1.143
Gear ratio in 5th gear / 6th gear	0.659 / 0.528	0.867 / 0.691
Reverse gear / final drive ratio	3.330 / 3.889	3.403 / 2.888
<b>Running gear / steering / brakes</b>		
Front suspension	Four-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 / 11.1	
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	7J x 16 cast aluminium wheels / 205/55 R 16 W	
<b>Performance / consumption / acoustics</b>		
Maximum speed in mph	150	150
Acceleration 0-62mph in sec	7.3	7.8
Fuel grade	Diesel, to EN 590	
Fuel consumption: urban/extra urban/overall, mpg	25.4 – 25.2 / 47.0 – 46.3 / 35.7 – 35.3	23.5 – 23.3 / 44.1 – 43.4 / 33.2 – 32.8
CO2 mass emission, urban/extra urban/overall, g/100 km	294 – 297 / 159 – 162 / 209 - 212	317 – 318 / 172 – 174 / 226 - 228
Standing / drive-past exterior noise level in dB (A)	83 / 73	83 / 75
<b>Servicing / warranty</b>		
LongLife Service	Acc. to service indicator up to 22,000 miles or 2 years 1)	
Vehicle / paint / rust penetration warranty	3 years or 60,000 miles / 3 years / 12 years	
Insurance classification in Germany	17 (third party) / 25 (fully comprehensive) / 29 (part-comprehensive)	
<b>Weights / loads</b>		
Unladen weight in kg / gross weight limit in kg	1790 / 2270	1815 / 2295
Axle load limit at front / rear in kg	1220 / 1170	1250 / 1150
Trailer load limit, unbraked in kg	750	
Trailer load limit on 8% / 12% gradient, braked in kg	1800 / 1800	
Roof load limit in kg / permissible nose weight in kg	-- / 80	
<b>Capacities</b>		
Cooling system capacity (incl. heating) in l	9.0	
Engine oil capacity (incl. filter) in l	6.0	
Fuel tank capacity in l	63	
<b>Body / dimensions</b>		
Body type	Galvanised, unitary steel body, crumple zones at front and rear	
Number of doors / seats	2 doors with additional side protection / four seats	
Drag coefficient c <sub>D</sub> / frontal area A in m <sup>2</sup>	0.32 / 2.11	
Length (L103)/width excl. mirrors (W103)/height (H100), mm	4573 / 1777 / 1391	
Wheelbase (L101) / track at front/rear (W101/W102), mm	2650 / 1522 / 1518	
Height of loading lip in mm (H195)	633	
Luggage capacity in l, acc. to VDA block method (V210)	315 / 246	

1) depending on driving style and operating conditions