

Technical Data – Audi TT Coupé 3.2 quattro

Programme for Germany – Status: April 2006

Model	Audi TT Coupé 3.2 quattro	
Engine / electrics		
Engine type	Six-cylinder spark-ignition engine, DOHC	
Valve gear / number of valves per cylinder	Roller cam followers / 4	
Displacement in cc / bore x stroke in mm / compression	3189 / 84.0 x 95.9 / 11.3	
Max. power output in kW (bhp) / at rpm	184 (250) / 6300	
Max. torque in Nm / at rpm	320 / 2500 -3000	
Engine management / mixture preparation	Motronic ME 7.1.1: fully electronic sequential injection, overrun fuel cut-off, adaptive lambda control; mapped ignition with solid-state high-voltage distribution; cylinder-selective adaptive knock control, air-mass measurement; coordinated torque control; intake and exhaust camshaft adjustment; secondary air injection	
Exhaust emission control	4 oxygen sensors (2 heated), activated carbon filter, 3-way catalytic converter	
Emission category	EU 4	
Alternator in A / battery in A/Ah	140 / 380/72	
Drive / transmission		
Drive type	quattro permanent four-wheel drive with electronically controlled multi-plate clutch, electronic differential lock EDL	
Clutch	Hydraulically operated single-plate dry clutch with asbestos-free and lead-free linings	Two electro-hydraulically controlled multi-plate clutches in an oil bath
Gearbox type	6-speed manual gearbox, synchromesh on all gears	6-speed dual-clutch gearbox S tronic with electro-hydraulic control
Gear ratio in 1st gear / 2nd gear	3.357 / 2.087	2.933 / 1.833
Gear ratio in 3rd gear / 4th gear	1.469 / 1.088	1.300 / 0.975
Gear ratio in 5th gear / 6th gear	1.108 / 0.912	1.030 / 0.825
Gear ratio in reverse gear	3.990	3.35
Final drive ratio in 1st - 4th gear / 5th, 6th and reverse gear	4.235 / 3.273	4.800 / 3.600
Running gear / steering / brakes		
Front suspension	McPherson struts with aluminium lower wishbones, aluminium pivot bearings, aluminium subframe, anti-roll bar, track-stabilising steering roll radius	
Rear suspension	Four-link rear suspension with separate spring/shock absorber arrangement, aluminium subframe, tubular anti-roll bar	
Steering / steering ratio / turning circle in m (D102)	Electromechanical steering with speed-dependent power assistance; steering wheel turn lock to lock: 2.9 Steering ratio: 16.9; Turning circle (D102): 10.96	
Brake system, front/rear	Dual-circuit brake system with diagonal split, ESP, hydraulic brake assist, disc brakes, ventilated at front and rear Brake system: 17"/17"; brake diameter front/rear: 340 / 310	
Wheels / tyres	Wheels: lightweight forged aluminium 8.5Jx17, offset: 50; tyres: 245/45 R17 95Y	
Performance / consumption / acoustics		
Maximum speed in km/h	250 (governed)	250 (governed)
Acceleration, 0-100 km/h in seconds	5.9	5.7
Fuel grade	Super Plus unleaded, 98 RON	
Fuel consumption: urban / extra urban / overall, l/100 km	14.7 / 7.8 / 10.3	12.9 / 7.3 / 9.4
CO2 overall mass emissions, g/km	247	224
Standing / drive-past exterior noise level in dB (A)	81 / 75	81 / 73
Servicing / guarantee (Germany)		
Oil change every ... km / inspection every ... km	According to service indicator up to 30,000 (max. 2 years) 1)	
Vehicle/paint/rust perforation guarantee	2 years with unlimited mileage / 3 years / 12 years	
Insurance classification: third party / fully comprehensive / part-comprehensive	Data not available at time of printing	
Weights / loads		
Unladen weight in kg (excl. driver) / gross weight limit; kg	1410 / 1810	1430 / 1830
Axle load limit at front / rear in kg	1015 / 870	1035 / 870
Trailer load limit unbraked in kg	-	
Trailer load limit on 8% / 12% gradient, braked in kg	- / -	
Roof load limit in kg	Data not available at time of printing	
Capacities		
Cooling system capacity (incl. heating) in l	12.7 l	
Engine oil capacity (incl. filter) in l	5.5	
Fuel tank capacity in l	60	
Body / dimensions		
Body type	Audi Space Frame (ASF)	
Number of seats	2 + 2	
Drag coefficient c_d / frontal area A in m ²	0.31 / 2.09	0.30 / 2.09
Length (L103) / width excl. mirrors (W103) / height (H100), mm	4178 / 1842 / 1352	
Wheelbase (L101) / track at front/rear (W101/W102), mm	2468 / 1572 / 1558	
Height of loading lip in mm (H196)	790	
Luggage capacity in l, acc. to VDA block method (V210)	290 (700 with rear seat folded down)	

1) depending on driving style and operating conditions