

# Technical Data – Audi TT Coupé 1.8 T quattro (165 kW)

Programme for Germany – Status: March 2003

Model	Audi TT Coupé 1.8 T quattro (165 kW)
<b>Engine / electrics</b>	
Type of engine	Four-cylinder spark-ignition engine with exhaust-gas turbocharger and 2 intercoolers, DOHC
Valve gear / number of valves per cylinder	Hydraulic bucket tappets / 5
Displacement in cc / bore x stroke in mm / compression	1781 / 81.0 x 86.4 / 9.0
Max. power output in kW (bhp) / at rpm	165 (225) / 5900
Max. torque in Nm / at rpm	280 / 2200-5500
Engine management	Motronic ME 7.5: fully electronic sequential injection with adaptive idle-charge control, overrun fuel cut-off, adaptive lambda control; mapped ignition with solid-state high-voltage distribution; cylinder-selective adaptive knock control, air-mass measurement, integrated boost control; coordinated torque control; intake camshaft adjustment; secondary air injection
Exhaust emission control	Heated oxygen sensor, activated carbon filter, 3-way catalytic converter
Emission category	EU3
Alternator in A / battery in A/Ah	120 / 280 / 60
<b>Drive / transmission</b>	
Type of drive	Permanent all-wheel drive using electronically controlled hydraulic multi-plate coupling
Clutch	Hydr. operated single-plate dry clutch with asbestos-free linings
Gearbox type	6-speed manual gearbox
Gear ratio in 1st gear / 2nd gear	3.417 / 2.105
Gear ratio in 3rd gear / 4th gear	1.429 / 1.088
Gear ratio in 5th gear / 6th gear	1.097 <sup>II</sup> / 0.912 <sup>II</sup>
Gear ratio in reverse gear	4.107
Final drive ratio / final drive ratio II	4.200 / 3.316 <sup>II</sup>
<b>Running gear / steering / brakes</b>	
Front suspension	McPherson struts with lower wishbones, subframe, anti-roll bar
Rear suspension	Longitudinal double wishbone, subframe, anti-roll bar, gas pressure shock absorbers
Steering / steering ratio / turning circle in m (D102)	Maintenance-free rack-and-pinion steering with power assistance / 15.67 / approx. 10.6
Brake system, front/rear	Dual-circuit brake system with diagonal split; ABS/EBD with ESP and brake assist; brake servo; front and rear ventilated discs
Wheels / tyres	7.5 J x 17 cast aluminium wheels, 6-arm "Wing" design / 225/45 R 17 Y
<b>Performance / consumption / acoustics</b>	
Maximum speed in km/h	243
Acceleration 0-80 / 0-100 km/h in sec	4.7 / 6.6
Fuel grade	Super Plus unleaded, 98 RON
Fuel consumption: urban/extra urban/overall, l/100 km	13.3 / 7.1 / 9.4
CO <sub>2</sub> mass emission, g/100 km	226
Standing / drive-past exterior noise level in dB (A)	87 / 73
<b>Servicing / warranty (Germany)</b>	
Long-life service after a maximum of ... km	According to service indicator up to 30,000 / max. 2 years <sup>1)</sup>
Vehicle / paint / rust penetration warranty	2 years with unlimited mileage / 3 years / 12 years
Insurance classification	24 (fully comprehensive) / 35 (part-comprehensive) / 16 (third party)
<b>Weights / loads</b>	
Unladen weight in kg (excl. driver) / gross weight limit in kg	1465 / 1850
Axle load limit at front / rear in kg	1040 / 870
Trailer load limit, unbraked in kg	-
Trailer load limit on 8% / 12% gradient, braked in kg	- / -
Roof load limit in kg	75
<b>Capacities</b>	
Cooling system capacity (incl. heating) in l	7
Engine oil capacity (incl. filter) in l	4.5
Fuel tank capacity in l	62
<b>Body / dimensions</b>	
Body type	Fully galvanised, unitary steel body, aluminium bonnet
Number of seats	2 + 2
Drag coefficient c <sub>D</sub> / frontal area A in m <sup>2</sup>	0.32 / 1.99
Length (L103)/width excl. mirrors (W103) / height (H100), mm	4041 / 1764 / 1345
Wheelbase (L101) / track at front/rear (W101/W102); mm	2429 / 1528 / 1505
Height of loading lip in mm (H195)	767
Luggage capacity in l, acc. to VDA block method (V210)	220 (490 with rear seat folded down)

<sup>1)</sup> depending on driving style and operating conditions

<sup>II)</sup> final drive ratio II = three-shaft gearbox