

# 2006 Audi TT Coupe 1.8T

## Technical Specifications

Technical Specifications		2006 TT Coupe 1.8T	
<b>ENGINE:</b>			
Type	Four cylinder inline, turbocharged, charge air intercooling (180 and 225 hp) , six-cylinder spark-ignition DOHC (250 hp)		
Arrangement	Front mounted, transverse		
	<b>180 hp version</b>		<b>225 hp version</b>
Bore	3.18 in.	81 mm	3.18 in. 81 mm
Stroke	3.40 in.	86.4 mm	3.40 in. 86.4 mm
Displacement	109 cu. in.	1781 cc	109 cu. in. 1781 cc
Compression ratio	9.5:1		9.0:1
Fuel requirement	Premium unleaded (91 AKI) recommended for maximum performance		
Horsepower (SAE)	180 hp @ 5500 rpm		225 hp @ 5900 rpm
Max. Torque	173 lbs. ft. @ 1950 - 4700 rpm		207 lbs. ft. @ 2200-5500 rpm
Max. Turbo boost	1.8 bar		2.1 bar
<b>ENGINE DESIGN:</b>			
Cylinder block	Cast iron		
Crankshaft	Forged steel, 5 main bearings		
Cylinder head	Aluminum alloy		
Valve train / intake	DOHC, belt driven, hydraulic lifters		
Firing order	1-3-4-2 (180 and 225 hp models)		
Cooling system	Water-cooled, thermostatically controlled radiator fan		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection / Ignition system	ME 7.5 Motronic with electronic multi-point sequential fuel injection, hot film air mass sensor, solid state direct ignition with multiple coils, dual knock sensors with cylinder selective knock control, electronic throttle operation and fully adaptive controls		
Emission system	3-way catalytic converter with dual oxygen sensors		
<b>ELECTRICAL SYSTEM:</b>			
Battery	12 volts	60 amp/hr	
Alternator	14 volts	120 amp	
<b>DRIVETRAIN:</b>			
Transmission	6-speed automatic (180 HP) with Tiptronic/6-speed manual (225 HP) with synchronized reverse, dual mass flywheel with hydraulic clutch		
Type	<b>180 hp FWD</b>		<b>225 hp quattro</b>
	Automatic		Manual
Gear ratios: 1st	4.044		3.417
2nd	2.371		2.105
3rd	1.556		1.429
4th	1.159		1.088
5th	0.852		1.097
6th	0.676		0.912
Reverse	3.193		4.107
Final Drive front / rear	6.010		3.316 / 4.200
Front Differential	Hypoid gear, electronically locking (EDL)		
Center Differential	Haldex electronically controlled multi-plate coupling automatic and variable front to rear power proportioning		
Rear Differential	Hypoid gear		
<b>STEERING:</b>			
Type	Rack and pinion, variable power assist		
Ratio	15.6:1		
Turns (lock-to-lock)	2.8		
Turning circle (curb-to-curb)	34.2 ft.	10.45 m	

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### Technical Specifications (continued)

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<b>BRAKES:</b>																																														
Service brake	Anti-lock brake system, vacuum power assist, with asbestos free linings, dual diagonal circuits, and electronic rear brake pressure proportioning																																													
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Parking brake	Mechanically actuated at the rear wheels																																													
<b>WHEELS (standard only):</b>																																														
Size	7.5J x 17 cast aluminum, six spoke design																																													
<b>TIRES (standard only):</b>																																														
Size	225 / 45 R 17 Y summer performance radial																																													
<b>BODY:</b>																																														
Material	Fully galvanized (both sides) steel, aluminum hood																																													
Corrosion protection	Multi-step anti-corrosion protection <span style="float: right;">Cw = 0.36 frontal area = 1.99 m<sup>2</sup></span>																																													
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Seating Capacity	2 plus 2																																													
EPA class	Minicompact																																													
Head room	37.8 in. 959 mm / 32.6 in. 828 mm																																													
Shoulder room	52.1 in. 1323 mm / 48.1 in. 1221 mm																																													
Leg room	41.2 in. 1047 mm / 20.2 in. 512 mm																																													
Int. vol. (EPA)	41.2 cu. ft. / 17.7 cu. ft.																																													
Luggage capacity (EPA)	13.8 cu. ft. (24.2 cu.ft. with seat folded ) - front wheel drive <span style="float: right;">10.8 cu. ft. (18.6 cu.ft. with seat folded )</span>																																													
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