

2006 TT Coupe 3.2
 Technical Specifications

Technical Specifications		2006 TT Coupe 3.2	
ENGINE:			
Type	Four cylinder inline, turbocharged, charge air intercooling (180 and 225 hp) , six-cylinder spark-ignition DOHC (250 hp)		
Arrangement	Front mounted, transverse		
	250 hp version		
Bore	3.31 in.	84	mm
Stroke	3.78 in.	95.9	mm
Displacement	195 cu. in.	3195	cc
Compression ratio	11.3:1		
Fuel requirement	Premium unleaded (91 AKI) recommended for maximum performance		
Horsepower (SAE)	250 hp @	6300 rpm	
Max. Torque	236 lbs.ft	@	2800-3200 rpm
Max. Turbo boost	2.1 bar		
ENGINE DESIGN:			
Cylinder block	Cast iron		
Crankshaft	Forged steel, 5 main bearings		
Cylinder head	Aluminum alloy		
Valve train / intake	DOHC, belt driven, hydraulic lifters		
Firing order	N/A		
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		
ELECTRICAL SYSTEM:			
Battery	13.5 volts	68 amp/hr	
Alternator	14 volts	120 amp	
DRIVETRAIN:			
Transmission	6-speed Direct-Shift Gearbox (DSG) with electro-hydraulic control for 250 hp		
Type	250 hp quattro		
	DSG/Automatic		
Gear ratios: 1st	3.454		
2nd	2.045		
3rd	1.452		
4th	1.078		
5th	1.114		
6th	0.921		
Reverse	3.857		
Final Drive front / rear	4.059 1st - 4th / 3.316 5th, 6th and reverse		
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		
STEERING:			
Type	Rack and pinion, variable power assist		
Ratio	15.67		
Turns (lock-to-lock)	2.8		
Turning circle (curb-to-curb)	34.7 ft.	10.6 m	
SUSPENSION:			
Front	MacPherson strut (gas charged) with 3-point lower control arm, directly coupled stabilizer, negative steering roll radius		
Rear (quattro)	Longitudinal double wishbone, subframe, anti-roll bar, gas-filled shock absorbers		

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BRAKES:			
Service brake	Anti-lock brake system, vacuum power assist, with asbestos free linings, dual diagonal circuits, and electronic rear brake pressure proportioning		
	250 hp quattro version		
Front, size and type	13.1 in.	334 mm	- Vent. disc
Rear, size and type	10.4 in.	265 mm	- Vent. disc
Parking brake	Mechanically actuated at the rear wheels		
WHEELS (standard only):			
Size	7.5J x 17 cast aluminum, six spoke design		
TIRES (standard only):			
Size	225 / 45 R 17 Y summer performance radial		
BODY:			
Material	Fully galvanized (both sides) steel, aluminum hood		
Corrosion protection	Multi-step anti-corrosion protection	Cw = 0.36 frontal area = 1.99 m ²	
CAPACITIES:			
	quattro (250 hp)		
Engine oil	5.8 qt.	5.5 liter	
Fuel tank	16.3 gal	62 liter	
Cooling system	7.4 qt.	7 liter	
EXTERIOR DIMENSIONS:			
	quattro (250 hp)		
Wheelbase	95.6 in.	2429 mm	
Track: front / rear	60 / 59.3 in.	1528 / 1507 mm	
Overall length	159.1 in.	4041 mm	
Overall width	73.1 in.	1856 mm	(includes mirrors) 1764 mm
Height	53 in.	1348 mm	
Ground clearance	4.4 in.	113 mm	
Curb weight	3428 lbs.	1555 kg	
Distribution % front / rear	58 / 42		
INTERIOR DIMENSIONS:			
Seating Capacity	2 plus 2		
EPA class	Minicompact		
Head room front / rear	38.7 in.	959 mm	32.6 in. 828 mm
Shoulder room front / rear	55.6 in.	1412 mm	48.1 in. 1221 mm
Leg room front / rear	41.2 in.	1047 mm	20.2 in. 512 mm
Int. vol. (EPA)	N/A		
Luggage capacity (EPA)	7.8 cu. ft. (17.3 cu. ft. w/seat folded)		
PERFORMANCE:			
	250 hp quattro		
	DSG/ automatic		
0-60 mph	5.7 sec.		
1/4 mile	14.1 sec.		
Top speed - 250 hp version	Electronically limited to 130 mph (209 km/h) for North America		
FUEL ECONOMY: EPA estimate			
	250 hp quattro		
City	22 mpg		
Highway	27 mpg		
Combined	24 mpg		
FUEL ECONOMY: Canadian estimate			
	250 hp quattro		
City	10.6 liters/100km		
Highway	8.1 liters/100km		