

2006 Audi TT Roadster 3.2  
 Technical Specifications

Technical Specifications		2006 TT Roadster 3.2	
<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>250 hp version</b>		
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		
<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	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		
<b>ELECTRICAL SYSTEM:</b>			
Battery	13.5 volts	68 amp/hr	
Alternator	14 volts	120 amp	
<b>DRIVETRAIN:</b>			
Transmission	6-speed Direct-Shift Gearbox (DSG) with electro-hydraulic control for 250 hp		
Type	<b>250 hp quattro</b>		
	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		
<b>STEERING:</b>			
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	
<b>SUSPENSION:</b>			
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		

Technical Specifications (continued)		2006 TT Roadster 3.2	
<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		
	<b>250 hp quattro version</b>		
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		
<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	Cw = 0.36	frontal area = 1.99 m <sup>2</sup>
<b>CAPACITIES:</b>			
	<b>quattro (250 hp)</b>		
Engine oil	5.2 qt.	5.5 liter	
Fuel tank	16.3 gal	62 liter	
Cooling system	7.4 qt.	7 liter	
<b>EXTERIOR DIMENSIONS:</b>			
	<b>quattro (250 hp)</b>		
Wheelbase	95.6 in.	2429 mm	
Track: front / rear	60 / 59.3 in.	1528 / 1505 mm	
Overall length	159.1 in.	4041 mm	
Overall width	73.1 in.	1856 mm (includes mirrors)	69.4 in. / 1764 mm (without mirrors)
Height	53 in.	1348 mm	
Ground clearance	4.4 in.	113 mm	
Curb weight	3638 lbs.	1650 kg	
Distribution % front / rear	58 / 42		
<b>INTERIOR DIMENSIONS:</b>			
Seating Capacity	2		
EPA class	Two seater		
Head room	38.3 in.	972 mm	
Shoulder room	55.6 in.	1412 mm	
Leg room	41.2 in.	1047 mm	
Int. vol. (EPA)	N/A		
Luggage capacity (EPA)	6.4 cu. ft.	180 Liter	(quattro version)
<b>PERFORMANCE:</b>			
	<b>250 hp quattro</b>		
	automatic		
0-60 mph	6.0 sec.		
1/4 mile	14.5 sec.		
Top speed - 250 hp version	Electronically limited to 130 mph (209 km/h) for North America		
<b>FUEL ECONOMY:</b> EPA estimate			
	<b>250 hp quattro</b>		
City	22 mpg		
Highway	27 mpg		
Combined	24 mpg		
<b>FUEL ECONOMY:</b> Canadian estimate			
	<b>250 hp quattro</b>		
City	10.9 liters/100km		
Highway	8.1 liters/100km		