

**2005 Audi TT Roadster
Equipment**



Legend X = Standard O = Optional - = Not available	180 hp fwd	225 hp quattro	250 hp quattro
Interior			
• Fine Nappa leather seat upholstery, including door panel inserts	X	X	X
• Leather shift knob and aluminum surrounding	X	X	X
• Aluminum trim on center dashboard vents, shift lever knob and base, knee bolsters on center console, door release handles, radio cover, glove box cover	X	X	X
• Four tie-down eyelets in rear cargo area	X	X	X
• Two floor mats	X	X	X
• 3-spoke leather sport steering wheel with aluminum center trim ring	X	X	X
• Two aluminum cup holders in center console	X	X	X
• Storage shelf under glove box	X	X	X
Instrumentation and Electrical			
• Backlit instrument cluster with automatic brightness control, including : - tachometer, electric speedometer, digital clock with date, fuel gauge, coolant temperature gauge, oil temperature gauge, ambient temperature gauge	X	X	X
• Digital odometer with trip odometer and service interval indicator	X	X	X
• Anti-theft vehicle alarm system with blinking theft deterrent lights on front doors	X	X	X
• Windshield wipers with 4-position intermittent control	X	X	X
• Concert AM / FM radio with in-dash CD player and following features: - RBDS (Radio Broadcast Display System displays radio station call letters and other information) - GALA (Graduated Audio Level Adjustment, varies volume based on vehicle speed) - CD changer operation capability	X	X	X
• 120-watt system with four speakers in doors, two 2-way rear speakers, middle speaker between seats and CD changer pre-wiring	X	X	X
• Driver information display with outside temperature display plus 5-function trip computer, vehicle auto check system, radio display, and pictogram for open door and deck lid	X	X	X
• Pre-wiring for Motorola® hands-free cellular telephone (includes microphone, rear fender mounted antenna and transceiver bracket)	X	X	X
• Battery located in trunk with protective covering			X
• Radio antenna on left rear fender	X	X	X
Safety			
• Driver and passenger next generation front airbag supplemental restraints	X	X	X
• Thorax (chest) side and head airbag supplemental restraints located in front seats	X	X	X
• Two 3-point safety belts with automatic pre-tensioners, height-adjustment and belt force limiters	X	X	X
• Central locking with safety unlock (automatically unlocks doors and switches off fuel pump if airbag deploys)	X	X	X
• Reflectors in rear of doors	X	X	X
• Fixed headrests for front seats	X	X	X
• First aid kit located in storage compartment behind driver's seat	X	X	X
• Emergency warning triangle located in rear cargo area	X	X	X
• Tire repair kit			X

**2005 Audi TT Roadster
Option Program**



Legend	180 hp fwd	225 hp quattro	250 hp quattro
X = Included in Package O = Optional - = Not available			
Options			
• Audio Package	O	O	O
- Bose® premium sound system with four speakers in door, two 2-way rear speakers, center speaker in dashboard, subwoofer between the seats, 225W amplifier and Audio Pilot technology	x	x	x
- 6-disc CD changer ¹ (located in storage compartment next to left rear seat)	x	x	x
• Premium Package	O	O	O
- HomeLink® universal garage door opener	x	x	x
- Heated front seats with individual temperature control (standard in Canada)	x	x	x
Separate options			
• Audi Navigation System	O	O	O
• Baseball optic leather (only w/Ebony and Amber Red)	O	O	O
• Alcantara steering wheel - for 180 hp and 250 hp with Tiptronic controls	O	O	O
• 17-inch 6-spoke cast alloy wheels with 225/45 R 17 all season tires	O	O	O
• 17-inch 5-spoke forged alloy wheels with 225 / 45 R 17 summer performance tires	-	O	-
• 18-inch 7-spoke cast alloy wheels with 225 / 40 R 18 summer performance tires	-	O	O
• 18-inch 9-spoke cast alloy wheels with 225 / 40 ZR 18 summer performance tires	-	-	O
• Satellite radio (XM or Sirius)	O	O	O

Note: 180 hp model not offered in Canada for 2005 model year

Wheel not offered in Canada

Warranty Information for all models

United States / Canada

- 4-year/50,000 mile new vehicle limited warranty / 4-year / 80,000 km new vehicle limited warranty
- 4-year/50,000 mile no-charge scheduled maintenance / 4-year / 80,000 km no-charge scheduled maintenance
- 12-year limited warranty against corrosion perforation
- 24-hour Roadside Assistance for 4 years

"Tiptronic" is a registered trademark of Audi AG

"quattro" is a registered trademark of Audi AG

"Audio Pilot" is a registered trademark of Bose Corporation

"Motorola" is a registered trademark of Motorola, Inc.

"Bose" is a registered trademark of the Bose Corporation. Covered by patent rights issued and/or pending.

"Haldex" is a registered trademark of Haldex Traction Systems, Sweden

"HomeLink" is a registered trademark of Johnson Controls, Inc.

¹) Dealer installation also available



Technical Specifications		2005 TT Roadster 1.8	
ENGINE:			
Type	Four cylinder inline, turbocharged, charge air intercooling (180 and 225 hp) , six-cylinder spark-ignition DOHC (250 hp)		
Arrangement	Front mounted, transverse		
	180 hp version		225 hp version
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
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	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		
ELECTRICAL SYSTEM:			
Battery	12 volts	60 amp/hr	
Alternator	14 volts	120 amp	
DRIVETRAIN:			
Transmission	6-speed automatic (180 HP) with Tiptronic/6-speed manual (225 HP) with synchronized reverse, dual mass flywheel with hydraulic clutch		
Type	180 hp FWD		225 hp quattro
	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		
STEERING:			
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	
SUSPENSION:			
Front	MacPherson strut (gas charged) with 3-point lower control arm, directly coupled stabilizer, negative steering roll radius		
Rear (fwd)	Torsion-beam axle with trailing arms, stabilizer bar, separate coil spring and shock absorbers (gas charged), toe correcting axle bushings		
Rear (quattro)	Longitudinal double wishbone, subframe, anti-roll bar, gas-filled shock absorbers		



Technical Specifications (continued)		2005 TT Roadster	
BRAKES:			
Service brake	Anti-lock brake system, vacuum power assist, with asbestos free linings, dual diagonal circuits, and electronic rear brake pressure proportioning		
	180 hp FWD version		225 hp quattro version
Front, size and type	12.3 in.	312 mm	- Vent. disc
Rear, size and type	9.1 in.	232 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:			
	Front wheel drive (180 hp)		quattro (225 hp)
Engine oil	4.8 qt.	4.5 liter	4.8 qt. 4.5 liter
Fuel tank	14.5 gal.	55 liter	16.3 gal. 62 liter
Cooling system	7.4 qt.	7 liter	7.4 qt. 7 liter
EXTERIOR DIMENSIONS:			
	Front wheel drive (180 hp)		quattro (225 hp)
Wheelbase	95.4 in.	2422 mm	95.6 in. 2429 mm
Track: front / rear	60 / 59.6 in.	1525 / 1513 mm	60 / 59.3 in. 1525 / 1507 mm
Overall length	159.1 in.	4041 mm	159.1 in. 4041 mm
Overall width	73.1 in.	1856 mm (includes mirrors)	73.1 in. 1856 mm (includes mirrors)
Height	53 in.	1346 mm	53 in. 1346 mm
Ground clearance	4.4 in.	113 mm	4.4 in. 113 mm
Curb weight	3186 lbs.	1445 kg	3384 lbs. 1535 kg /
Distribution % front / rear	61 / 39		58 / 42
INTERIOR DIMENSIONS:			
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)	7.8 cu. ft.	220 Liter (FWD version)	6.4 cu. ft. 180 Liter (quattro version)
PERFORMANCE:			
	180 hp FWD		225 hp quattro
	automatic		manual
0-60 mph	8.1 sec.		6.2 sec.
1/4 mile	16.0 sec.		14.6 sec.
Top speed - 180 hp version	Electronically limited to 130 mph (209 km/h) for North America		
Top speed - 225 hp version	Electronically limited to 130 mph (209 km/h) for North America		
FUEL ECONOMY: EPA estimate			
	180 hp FWD		225 hp quattro
City	20 mpg		20 mpg
Highway	29 mpg		29 mpg
Combined	23 mpg		23 mpg
FUEL ECONOMY: Canadian estimate			
	180 hp FWD		225 hp quattro
City	11.9 liters/100km		11.8 liters/100km
Highway	7.6 liters/100km		7.6 liters/100km

2005 Audi TT Roadster 3.2
Technical Specifications



Technical Specifications		2005 TT Roadster 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		
	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		

2005 Audi TT Roadster 3.2
Technical Specifications



Technical Specifications (continued)		2005 TT Roadster 3.2	
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	5.2 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 / 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		
INTERIOR DIMENSIONS:			
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)
PERFORMANCE:			
	250 hp quattro		
	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		
FUEL ECONOMY: EPA estimate			
	250 hp quattro		
City	22 mpg		
Highway	27 mpg		
Combined	24 mpg		
FUEL ECONOMY: Canadian estimate			
	250 hp quattro		
City	10.9 liters/100km		
Highway	8.1 liters/100km		