



Technical Specifications		2004 TT Roadster	
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	107 cu. in.	1781 cc	107 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)	Parallelogram multi-link independent, stabilizer bar, coil spring/shock absorber (gas charged)		

Technical Specifications (continued)
2004 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 12.3 in. 312 mm - Vent. disc
Rear, size and type	9.1 in. 232 mm - Vent. disc 10.0 in. 256 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 and 250 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	3131 lbs. 1420 kg 3472 lbs. 1575 kg / 1590 kg - 250 hp
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. 6.7 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	28 mpg 28 mpg
Combined	23 mpg 23 mpg
FUEL ECONOMY: Canadian estimate	
	180 hp FWD 225 hp quattro
City	11.9 liters/100km 11.7 liters/100km
Highway	7.6 liters/100km 7.6 liters/100km

**2004 Audi TT Roadster
Equipment**



Legend	180 hp	225 hp	250 hp
X = Standard o = Optional - = Not available	fwd	quattro®	quattro®
Technical			
• 1.8 liter turbocharged DOHC 180 hp 4-cylinder engine with direct ignition, intercooler, electronic turbo boost regulation, 5-valves per cylinder	X	-	-
• 1.8 liter turbocharged DOHC 225 hp 4-cylinder engine with direct ignition, two in-line intercoolers, electronic turbo boost regulation, 5-valves per cylinder	-	X	-
• 3.2 liter 250 hp 6-cylinder engine	-	-	X
• 6-speed automatic transmission with Tiptronic®, steering wheel controls and interlock between D & S	X	-	-
• 6-speed manual transmission with synchronized reverse gear, dual mass flywheel	-	X	-
• Direct shift gearbox automatic transmission with steering wheel control paddles			X
• Front wheel drive	X	-	-
• quattro - permanent all-wheel drive system, includes Haldex® coupling	-	X	X
• Anti-lock brake system (ABS) with Electronic Differential Lock (EDL) and Electronic Brake-force Distribution (EBD)	X	X	X
• ASR (Anti-Slip Regulation) full time traction control	X	-	-
• 2-sided fully galvanized body assembly with aluminum hood	X	X	X
• ESP (Electronic Stabilization Program)	X	X	X
Wheels / Tires / Suspension / Steering			
• 7.5Jx17 6-spoke cast alloy wheels with 225 / 45 R17 summer performance radial tires	X	X	X
• MacPherson struts (gas charged) front suspension with 3-point forged lower control arm, negative roll radius, directly coupled stabilizer bar	X	X	X
• Torsion-beam rear axle with trailing arms, stabilizer bar, separate coil spring and shock absorbers (gas charged), and toe correcting axle bushings	X	-	-
• Parallelogram multi-link independent rear suspension	-	X	X
• Rack and pinion power steering with quick ratio	X	X	X
• Tilt and telescopic (manual) adjustable steering column	X	X	X
Exterior			
• 2.5 MPH (US Federal standard) integrated bumpers in body color (for Canada 5 MPH Canadian standard)	X	X	X
• Retractable high pressure headlight washers integrated in front bumper	X	X	X
• Body color outside mirrors	X	X	X
• Heated windshield washer nozzles	X	X	X
• Aluminum door sill trim with TT logo	X	X	X
• Power glass rear windscreen	X	X	X
• Two fixed roll bars with polished aluminum finish	X	X	X
• Aluminum fuel filler door	X	X	X
• Nomenclature :			
- TT badge on left rear bumper	X	X	X
- quattro badge on:			
right rear bumper	-	X	X
dash trim above glove box	-	X	X
right front of grille	-	X	X
• Manually retractable cloth top with heated glass rear window	X	-	-
• Power folding top with heated glass rear window	O	X	X
• Fixed rear spoiler	X	X	X

**2004 Audi TT Roadster
Equipment**



Legend	180 hp	225 hp	250 hp
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Exterior Lighting			
• Xenon high intensity discharge headlights with automatic self-leveling and automatic light adjustment	x	x	x
• Daytime running lights for Canada using front fog lights	x	x	x
• Back-up lights integrated in both taillights	x	x	x
• White side turn indicator lights in front fenders with amber shine-through bulbs	x	x	x
Interior Lighting			
• Interior light console in headliner with fade-in & fade-out feature, time delay and automatic switch-on when key removed from ignition switch	x	x	x
• Front reading lights	x	x	x
• Vanity mirrors in sunvisors	x	x	x
• Rear cargo area light built-into the trunk lid	x	x	x
Comfort and Convenience			
• Automatic climate control with sun sensor, dust and pollen filter	x	x	x
• Power windows with:	x	x	x
- Power retention when ignition shut-off (until door opened)			
- One-touch up and one-touch down feature for both windows			
- Pinch protection (reverses window at force > 100 Nm)			
- Comfort close and open with key in driver door			
- Windows automatically open and close slightly when door opened and closed to assist door operation and window seal			
• Power rear deck lid release button in center console	x	x	x
• Fuel filler door release button in center console	x	x	x
• Electronic cruise control with coast, resume and shut-off feature	x	x	x
• Electric rear window defogger with automatic shut-off feature	x	x	x
• Electrically adjustable outside mirrors with defog feature	x	x	x
• Power central locking system (doors, deck lid and fuel door), with selective unlocking (enables unlocking of a single door or all doors), plus:	x	x	x
- convenient open & close feature for windows			
- master switch located in center console			
• Center storage compartment above middle speaker	x	x	x
• Storage compartment behind driver's seat including first-aid kit and CD Changer when ordered	x	x	x
• Storage compartment behind passenger seat including navigation system CD ROM when ordered	x	x	x
• Power remote keyless entry with trunk release, door / ignition key and valet key	x	x	x
Seating			
• Two sport seats with individual manual height adjustment	x	x	x

**2004 Audi TT Roadster
Equipment**



Legend	180 hp	225 hp	250 hp
X = Standard o = Optional - = Not available	fwd	quattro®	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 (also used for telephone)	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

**2004 Audi TT Roadster
Option Program**



Legend	180 hp	225 hp	250 hp
X = Included in Package o = Optional - = Not available	fwd	quattro®	quattro®
Optional Equipment			
• 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
17-inch 6-spoke cast alloy wheels with 225 / 45 R 17 summer performance tires	x	Standard	Standard
HomeLink® universal garage door opener	x	x	x
Heated front seats with individual temperature control (standard in Canada)	x	x	x
• Separate options			
Motorola® hands-free digital portable telephone	o	o	o
Audi Navigation System	o	o	o
Baseball optic leather (only w / Ebony and Amber Red)	o	o	o
Power folding top	o	Standard	Standard
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
Audi Satellite Radio	o	o	o
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			
"quattro" is a registered trademark of Audi AG.			
"Tiptronic" is a registered trademark of Dr. Ing. h. c. F. Porsche AG.			
"Motorola" is a registered trademark of Motorola, Inc.			
"HomeLink" is a registered trademark of Johnson Controls, Inc.			
"Bose" is a registered trademark of the Bose Corporation.			
"Haldex" is a registered trademark of Haldex Corporation.			



2004 TT

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
8N355U	TT	180 Coupe	6-Spd Automatic Tip.	FrontTrak	\$ 33,250
8N3569	TT	225 Coupe	6-Speed Manual	quattro	\$ 36,700
8N35BL	TT	250 Coupe	Auto Direct Shift Gearbox	quattro	\$ 39,900
8N955U	TT	180 Roadster	6-Spd Automatic Tip.	FrontTrak	\$ 35,250
8N9569	TT	225 Roadster	6-Speed Manual	quattro	\$ 39,500
8N95BL	TT	250 Roadster	Auto Direct Shift Gearbox	quattro	\$ 42,900

180 Coupe 180 Roadster 225 Coupe 225 Roadster 250 Coupe 250Roadster

	Leather Upholstery	S	S	S	S	S	S	NC
	Papaya Orange Exterior Paint	O	O	O	O	O	O	1,000
PLG	Baseball Optic Leather	N/A	O	N/A	O	N/A	O	1,000
PPX	<u>Premium Package</u>	O	O	O	O	O	O	700
	HomeLink® Remote Transmitter							
	Heated Front Seats							
PAS	<u>Audio Package</u>	O	O	O	O	O	O	1,200
	Bose® Premium Sound System							
	Six Disc CD Changer							
3FN	Power Folding Top	N/A	O	N/A	S	N/A	S	800
PRX	17-Inch 6-Spoke Cast Alloy Wheels & All-Season Tires	O	O	O	O	O	O	NC
PRT	17-Inch 5-Spoke Forged Alloy Wheels & Performance Tires	N/A	N/A	O	O	N/A	N/A	600
PRY	18-Inch 7-Spoke Cast Alloy Wheels & Performance Tires	N/A	N/A	O	O	O	O	775
WQR	18-Inch 9-Spoke Cast Alloy Wheels & Performance Tires	N/A	N/A	N/A	N/A	O	O	1,700
PNK	Audi Navigation System (Map CD's Included)	O	O	O	O	O	O	1,350
9ZG	Cell Phone Prep	O	O	O	O	O	O	350
	California / Northeast Emissions (States included: Cal, NY, Maine, VT, Mass, RI, CT, and NH)	O	O	O	O	O	O	150
<u>PORT INSTALLED OPTIONS</u>								
AWL	Security Wheel Locks	O	O	O	O	O	O	78
ACK	Phone Cradle	O	O	O	O	O	O	180
ATN	Cargo Net	O	N/A	O	N/A	O	N/A	96
→	Destination Charge							720

Key: **O = Optional** **NA = Not Available**
 S = Standard **NC = No Charge**

Specifications, equipment, options and prices are subject to change without notice. Some items may be unavailable when the vehicle is built.
 Prices exclude destination charges, registration and dealer delivery charges.
 Intro 2004 MY Prices