

**Technical Specifications**
**2002 TT Roadster**
**ENGINE:**

Type	Four cylinder inline, turbocharged, charge air intercooling					
Arrangement	Front mounted, transverse					
	<b>180 hp version</b>			<b>225 hp version</b>		
Bore	3.18 in.	81.0 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
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	Five-speed manual (180 HP) / six-speed manual (225 HP) with synchronized reverse, dual mass flywheel with hydraulic clutch					
Type	<b>180 hp FWD</b>			<b>225 hp quattro</b>		
	Manual			Manual		
Gear ratios: 1st	3.300 : 1			3.417 : 1		
2nd	1.944 : 1			2.105 : 1		
3rd	1.308 : 1			1.429 : 1		
4th	1.034 : 1			1.088 : 1		
5th	0.838 : 1			1.097 : 1		
6th	-			0.912 : 1		
Reverse	3.060 : 1			4.107 : 1		
Final Drive front / rear	3.938 : 1			front	3.316 : 1	rear 4.200 : 1
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)	

**BRAKES:**

Service brake	Anti-lock brake system, vacuum power assist, with asbestos free linings, dual diagonal circuits, and electronic rear brake pressure proportioning			
	<b>180 hp FWD</b>		<b>225 hp quattro®</b>	
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	7J x 16, cast aluminum, five spoke design
	7.5J x 17 cast aluminum, six spoke design (225 hp version)

**TIRES (standard only):**

Size	205 / 55 R 16 W summer performance radial
	225 / 45 R 17 Y summer performance radial (225 hp version)

**BODY:**

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>

**CAPACITIES:**

	<b>180 hp FWD</b>		<b>225 hp quattro®</b>	
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.	7.0 liter	7.4 qt.	7.0 liter

**EXTERIOR DIMENSIONS:**

	<b>180 hp FWD</b>		<b>225 hp quattro®</b>	
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
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:**

	<b>180 hp FWD</b>		<b>225 hp quattro®</b>	
	manual		manual	
0-60 mph	8.0 sec.		6.7 sec.	
1/4 mile	16.3 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 143 (230 km/h) for North America			

**FUEL ECONOMY:**

EPA Estimate

	<b>180 hp FWD</b>		<b>225 hp quattro®</b>	
City	22.0 mpg		20.0 mpg	
Highway	31.0 mpg		28.0 mpg	
Combined	26.0 mpg		23.0 mpg	

**FUEL ECONOMY:**

CANADIAN Estimate

	<b>180 hp FWD</b>		<b>225 hp quattro®</b>	
City	10.5 l/100km		11.7 l/100km	
Highway	7.0 l/100km		7.7 l/100km	



# 2002 Audi TT Roadster Equipment



Legend x = Standard                      O = Optional                      - = Not available	180 hp fwd	225 hp quattro®
<b>Exterior Lighting</b>		
<ul style="list-style-type: none"> <li>• Body contoured 3-way headlight assembly with ellipsoid low beam and fog lights, polycarbonate headlight lenses</li> <li>• Daytime running lights for Canada using front fog lights</li> <li>• Back-up lights integrated in both taillights</li> <li>• White side turn indicator lights in front fenders with amber shine-through bulbs</li> </ul>	x x x x	x x x x
<b>Interior Lighting</b>		
<ul style="list-style-type: none"> <li>• Interior light console in headliner with fade-in &amp; fade-out feature, time delay and automatic switch-on when key removed from ignition switch</li> <li>• Front reading lights</li> <li>• Vanity mirrors in sunvisors</li> <li>• Rear cargo area light built-in the trunk lid</li> </ul>	x x x x	x x x x
<b>Comfort and Convenience</b>		
<ul style="list-style-type: none"> <li>• Automatic climate control with sun sensor, dust and pollen filter</li> <li>• Power windows with: <ul style="list-style-type: none"> <li>- power retention when ignition shut-off (until door opened)</li> <li>- one-touch up and one-touch down feature for both windows</li> <li>- pinch protection (reverses window at force &gt; 100 Nm)</li> <li>- convenient open &amp; close with key in driver door</li> <li>- windows automatically open and close slightly when door opened and closed to assist door operation and window seal</li> </ul> </li> <li>• Power rear deck lid release button in center console</li> <li>• Fuel filler door release button in center console</li> <li>• Electronic cruise control with coast, resume and shut-off feature</li> <li>• Electric rear window defogger with automatic shut-off feature</li> <li>• Electrically adjustable outside mirrors with defog feature</li> <li>• Power central locking system (doors, deck lid and fuel door), with selective unlocking (enables unlocking of a single door or all doors), plus: <ul style="list-style-type: none"> <li>- convenient open &amp; close feature for windows</li> <li>- master switch located in center console</li> </ul> </li> <li>• Center storage compartment above middle speaker</li> <li>• Storage compartment behind driver's seat with first aid kit and CD changer when ordered</li> <li>• Storage compartment behind passenger seat with navigation system CD ROM when ordered</li> </ul>	x x x x x x x x x x x x x x x x x x x	x x x x x x x x x x x x x x x x x x
<b>Seating</b>		
<ul style="list-style-type: none"> <li>• Two sport seats with individual manual height adjustment</li> </ul>	x	x

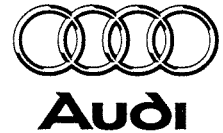
# 2002 Audi TT Roadster Equipment



Legend x = Standard                      O = Optional                      - = Not available	180 hp fwd	225 hp quattro®
<b>Interior</b>		
<ul style="list-style-type: none"> <li>• Fine Nappa leather seat upholstery with door panel inserts</li> <li>• Leather shift knob and aluminum surrounding</li> <li>• Aluminum trim on center dashboard vents, shift lever knob and base, knee bolsters on center console, door release handles, radio cover, glove box cover</li> <li>• Four tie-down eyelets in rear cargo area</li> <li>• Two floor mats</li> <li>• 3-spoke leather sport steering wheel with aluminum center trim ring</li> <li>• Two aluminum cup holders in center console</li> <li>• Storage shelf under glove box</li> </ul>	x x x x x x x x	x x x x x x x x
<b>Instrumentation and Electrical</b>		
<ul style="list-style-type: none"> <li>• Backlit instrument cluster with automatic brightness control with:               <ul style="list-style-type: none"> <li>- tachometer, electric speedometer, digital clock with date, fuel gauge</li> <li>- coolant temperature gauge, oil temperature gauge, ambient temperature gauge</li> </ul> </li> <li>• Digital odometer with trip odometer and service interval indicator</li> <li>• Anti-theft vehicle alarm system with blinking theft deterrent lights on front doors and vehicle monitoring sensor, defeat switch for interior sensor located in center console</li> <li>• Windshield wipers with 4-position intermittent control</li> <li>• Concert AM / FM radio with in-dash CD player and the following features:               <ul style="list-style-type: none"> <li>- RBDS (Radio Broadcast Display System displays radio station call letters and other information)</li> <li>- GALA (Graduated Audio Level Adjustment, varies volume based on vehicle speed)</li> <li>- CD changer operation capability</li> </ul> </li> <li>• 120 Watt system with four speakers in doors, two 2-way rear speakers, middle speaker between seats and CD changer pre-wiring</li> <li>• 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</li> <li>• Radio antenna on left rear fender (also used for telephone)</li> </ul>	x  x x x x  x x x x	x  x x x x  x x x x
<b>Safety</b>		
<ul style="list-style-type: none"> <li>• Driver and passenger next generation front airbag supplemental restraints</li> <li>• Thorax (chest) side and head airbag supplemental restraints located in front seats</li> <li>• Two 3-point safety belts with automatic pre-tensioners, height-adjustment and belt force limiters</li> <li>• Central locking with safety unlock (automatically unlocks doors and switches off fuel pump if airbag deploys)</li> <li>• Reflectors in rear of doors</li> <li>• Fixed headrests for front seats</li> <li>• First Aid kit located in storage compartment behind driver's seat</li> <li>• Emergency warning triangle located in rear cargo area</li> </ul>	x x x x x x x x	x x x x x x x x

# 2002 Audi TT Roadster

## Option program



Legend	180 hp fwd	225 hp quattro®
x = Included in package      O = Optional      - = Not available		
<b>Options</b>		
• <b>Audio package</b>	O	O
- Bose® Premium Sound System with four speakers in door, two 2-way rear speakers, center speaker in dashboard, subwoofer between the seats and 225 Watt amplifier	x	x
- 6-disc CD changer (located in storage compartment next to left rear seat)	x	
• <b>Premium package</b>	O	O
- Xenon high intensity discharge headlights with automatic self-leveling	x	x
- 17 inch 6 spoke cast alloy wheels with 225 / 45 R 17 summer performance tires	x	
- HomeLink® universal garage door opener	x	x
- Heated front seats with individual temperature control (standard in Canada)	x	x
<b>Separate options</b>		
• TT cloth with leather seat surfaces (at no extra charge)	O	O
• Audi Navigation System	O	O
• Baseball optic leather (only with amber red)	O	O
• Power folding top	O	
• 17 inch 5 spoke forged alloy wheels with 225 / 45 R 17 summer performance tires	-	O
<b>Warranty information for all models</b>		
<b>United States / Canada</b>		
<ul style="list-style-type: none"> <li>• 4-year/50,000 mile new vehicle limited warranty / 4-year/80,000 km new vehicle limited warranty</li> <li>• 4-year/50,000 mile no-charge scheduled maintenance / 4-year/80,000 km no-charge scheduled</li> <li>• 12-year limited warranty against corrosion perforation</li> <li>• 24-hour Roadside Assistance for 4 years</li> </ul> <p>"quattro" is a registered trademark of Audi AG  "Motorola" is a registered trademark of Motorola, Inc.  "Bose" is a registered trademark of the Bose Corporation. Covered by patent rights issued and/or  "Haldex" is a registered trademark of Haldex Traction Systems, Sweden</p>		



Retail Prices  
Audi of America, Inc.  
Effective: 1-September-01

## 2002 TT

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
8N3554	TT	180 Coupe	5-Speed Manual	FrontTrak	\$ 31,200
8N355N	TT	180 Coupe	5-Speed Manual	quattro	\$ 32,950
8N3569	TT	225 Coupe	6-Speed Manual	quattro	\$ 36,100
8N9554	TT	180 Roadster	5-Speed Manual	FrontTrak	\$ 33,200
8N9569	TT	225 Roadster	6-Speed Manual	quattro	\$ 38,900

		<u>180 Coupe</u>	<u>180 Roadster</u>	<u>225 Coupe</u>	<u>225 Roadster</u>	
PLH	Nubbed TT Cloth Seat Insert w/Leather Bolsters (Note: Full Leather Seating is Standard)	O	O	O	O	NC
PLG	Baseball Optic Leather	N/A	O	N/A	O	1,000
PPX	<u>Premium Package</u>  17" 6-Spoke Alloy Wheels / Performance Tires HomeLink® Remote Transmitter Xenon Lights Heated Front Seats	O	O	N/A	N/A	1,600
PPX	<u>Premium Package</u>  HomeLink® Remote Transmitter Xenon Lights Heated Front Seats	N/A	N/A	O	O	1,100
PAS	<u>Audio Package</u>  Bose (R) Premium Sound System Six Disc CD Changer	O	O	O	O	1,200
3FN	Power Folding Top	N/A	O	N/A	S	800
PRL	17-Inch 5-Spoke Forged Alloy Wheels	N/A	N/A	O	O	500
PNK	Audi Navigation System (Map CD's Included)	O	O	O	O	1,350
P19	Alcantara Steering Wheel	O	O	O	O	100
0LM	California Emissions Requirements	O	O	O	O	NC
1QE	Northeast Trading Region Emissions Req.	O	O	O	O	NC

**Key:** O = Optional  
S = Standard

NA = Not Available  
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 2002 MY Prices