2009 Audi TT 3.2

Update - 10/17/2008
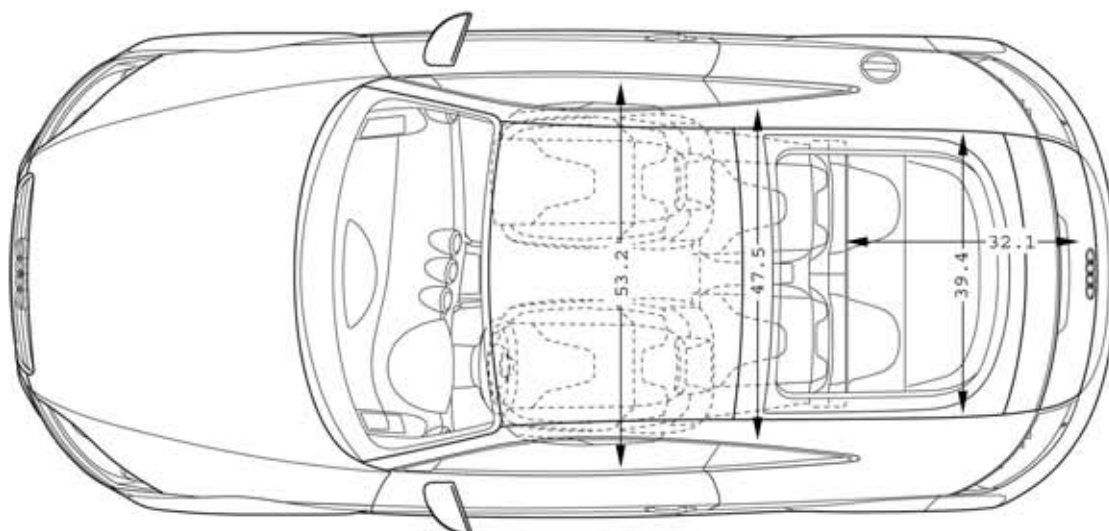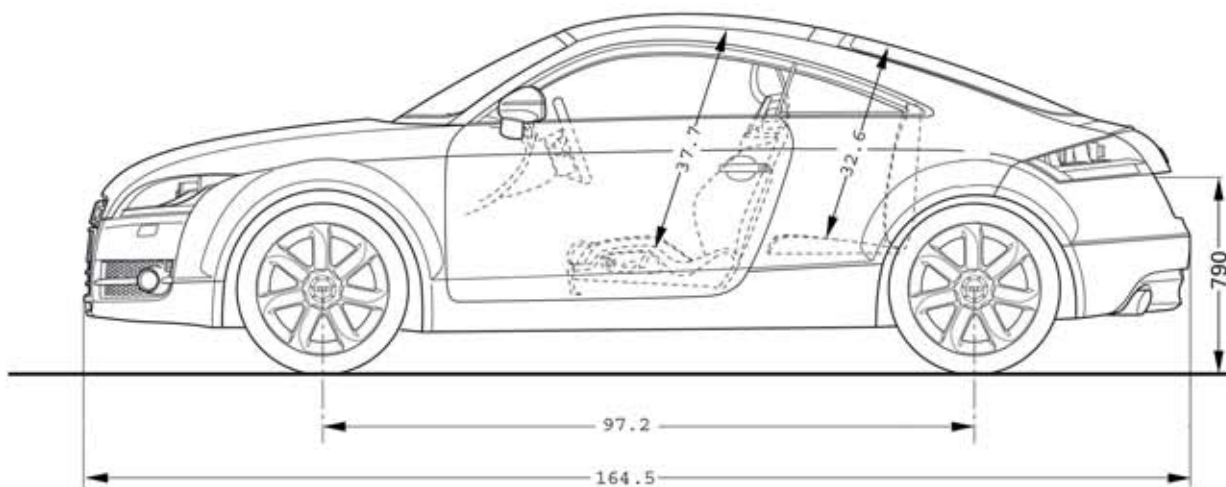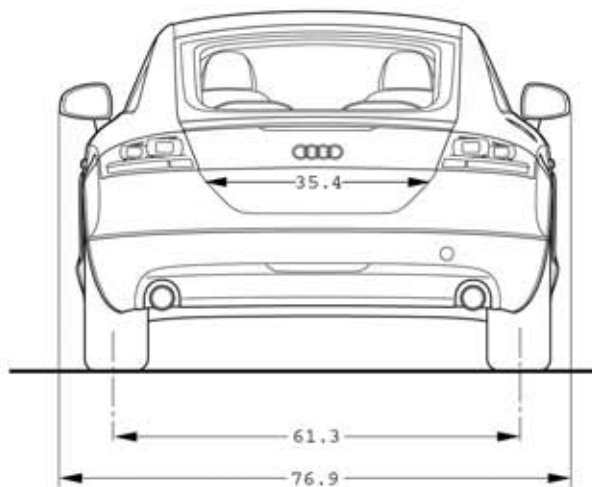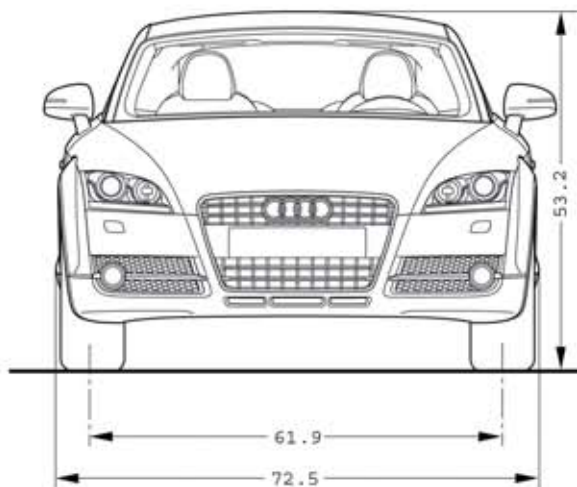
ENGINE:

Type	six-cylinder spark-ignition DOHC			
Arrangement	Front mounted, transverse			
Bore	3.31 in.	84.0 mm		
Stroke	3.78 in.	95.9 mm		
Displacement	195 cu. in.	3,189 ccm		
Compression ratio	11.3 : 1			
Fuel requirement	Premium unleaded (91 AKI) recommended for maximum performance			
Horsepower (SAE)	250 hp	@ 6,300 rpm	184 kW	
Max. Torque	236 lbs.ft.	@ 2,500 - 3,000 rpm	320 Nm	
Max. Turbo boost				

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	1-5-3-6-2-4
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	72 amp/hr
Alternator	14 volts	140 amp/hr

DRIVETRAIN:

Transmission	6-speed manual transmission		6-speed dual-clutch gearbox gearbox with electro-hydraulic control
Type	**3.2 quattro Manual**		**3.2 quattro S tronic**
Gear ratios:	1st	3.357	2.933
	2nd	2.087	1.833
	3rd	1.469	1.300
	4th	1.088	0.975
	5th	1.108	1.030
	6th	0.912	0.825
	Reverse	3.990	3.352
Final Drive 1th-4th/ 5th - 6th and Reverse		4.235/ 3.273	4.800/ 3.600
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	Eletromechanical steering with speed-dependent power assistance, automatic assistance when returning to straight-ahaead position, automatic straight-ahead correction, enegry-saving operating principle, damping of road-surface irregulations
Ratio	16.9 : 1
Turns (lock-to-lock)	2.9
Turning circle (curb-to-curb)	35.96 ft. 10.96 m

SUSPENSION:

Front	Mac Pherson strut with lower wishbones, aluminium subframe, tubular anti-roll bar, track-stabilising steering roll radius
Rear	Four-link rear suspension with seperate spring/shock absorber arragement, subframe, turbular anti-roll bar

BRAKES:				
Service brake	Dual-circuit brake system with diagonal split, ESP, hydraulic brake assitent, front and rear disc brakes ventilated			
Front size	13.4 in.	340 mm		
Rear size	12.2 in.	310 mm		
Parking brake	Mechanically actuated at the rear wheels			

WHEELS (standard only):

Size	8.5J x 17-Inch alloy wheels

TIRES (standard only):

Size	245/45

BODY:

Material	Audi space frame (ASF): Lightweight construction concept which is a mixed construction using aluminium and steel
Corrosion protection	Multi-step anti-corrosion protection

CAPACITIES:

Engine oil	5.8 qt.	5.5 liter
Fuel tank	15.9 gal.	60 liter
Cooling system	13.4 qt.	12.7 liter

EXTERIOR DIMENSIONS:

Wheelbase	97.2 in.	2,468 mm
Track front / rear	61.9/ 61.3 in.	1,572/ 1,558 mm
Overall length	164.5 in.	4,178 mm
Overall width w/o mirrors	72.5 in.	1,842 mm
Height	53.2 in.	1,352 mm

	3.2 quattro Manual		3.2 quattro S tronic	
	TT Coupe	TT Roadster	TT Coupe	TT Roadster
Curb weight	3,241 lbs.	3,417 lbs.	3,285 lbs.	3,450 lbs.
Distribution front / rear [%]	59/41			
Drag coefficient	TT Coupe: 0.30	TT Roadster: 0.32		

INTERIOR DIMENSIONS:

		TT Coupe		TT Roadster	
Seating Capacity		2 + 2		2	
EPA class		Subcompact		Two seater	
Head room	front / rear	37.7/ 32.6 in.	957/ 829 mm	na in.	na mm
Shoulder room	front / rear	53.2/ 47.5 in.	1,352/ 1,206 mm	na in.	na mm
Leg room	front / rear	41.1/ 29.2 in.	1,044/ 743 mm	na in.	na mm
Int. vol. (EPA)	front / rear	47.7/ 26.2 cu.ft.		na cu.ft.	
Luggage capacity (EPA)		13.1 cu.ft.		na cu.ft.	

PERFORMANCE:

	TTC 3.2 quattro Manual	TTC 3.2 quattro S tronic	TTR 3.2 quattro Manual	TTR 3.2 quattro S tronic
0-60 mph	5.5 sec.	5.3 sec.	5.8 sec.	5.6 sec.
1/4 mile	14.3 sec.	14.1 sec.	14.6 sec.	14.4 sec.
Top speed	Electronically limited to 130 mph (209 km/h) for North America			

FUEL ECONOMY:

	3.2 quattro Manual		3.2 quattro S tronic	
	EPA estimate		EPA estimate	
Emission Class	LEVII	LEVII	LEVII	LEVII
	TT Coupe	TT Roadster	TT Coupe	TT Roadster
City	17 mpg	17 mpg	18 mpg	18 mpg
Highway	25 mpg	25 mpg	24 mpg	24 mpg
Combined	20 mpg	20 mpg	20 mpg	20 mpg

Audi TT Coupé

Dimensions

Audi TT Roadster

Dimensions

09/06

1358
53.5

856
33.7

1572
61.9
1842
72.5

1558
61.3
1952
76.9

956
37.6

245
9.6

790
31.1

902
35.5

2468
97.2

808
31.8

4178
164.5

1352
53.2

39.4
1001

1000
39.4
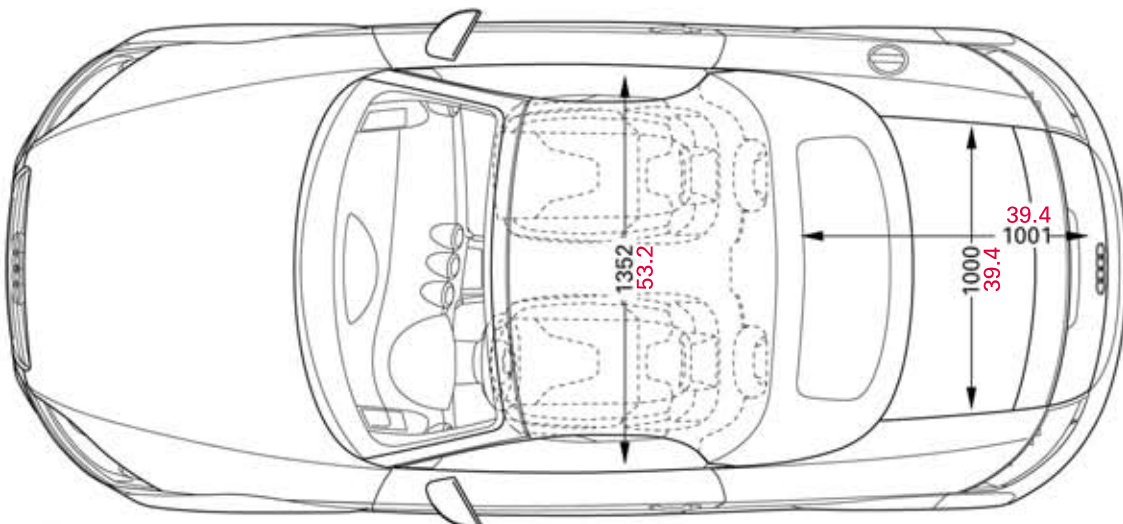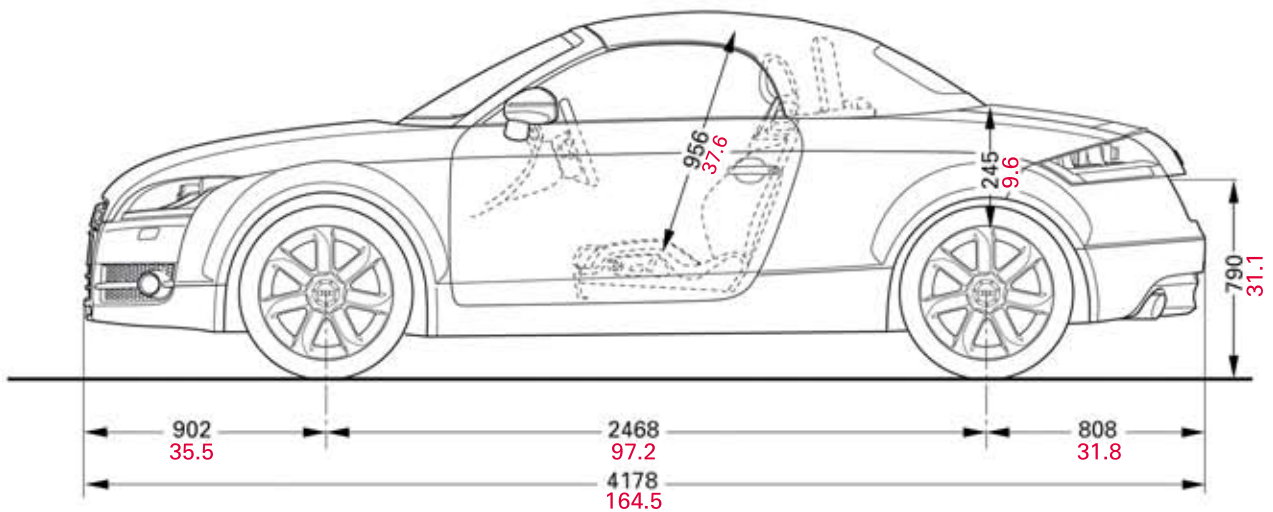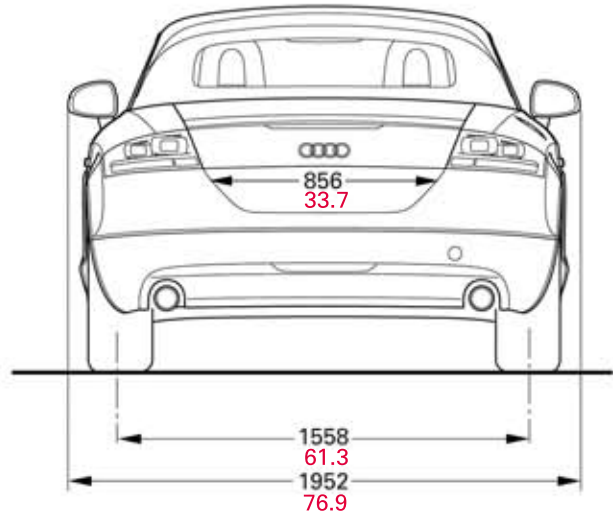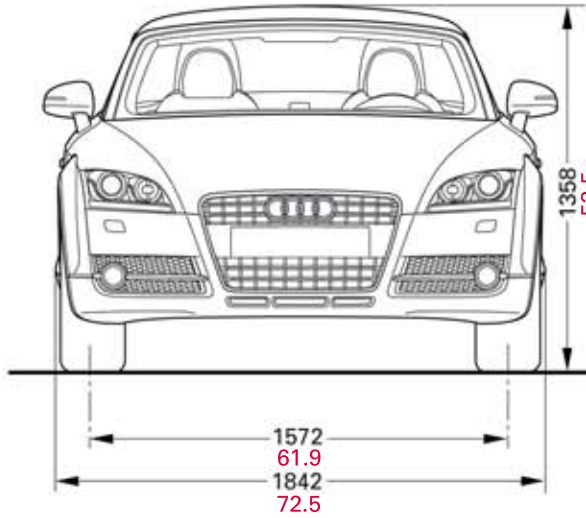
*maximum headroom
Dimensions in milimeters and inches
Dimensions of vehicle unloaded