

Audi of America
Audi TT 2.0 TFSI quattro Technical Specifications
2010 Model Year



2010 Audi TT 2.0 TFSI quattro	
Update - 8/2009	
ENGINE:	
Type	2.0 liter turbocharged, in-line four-cylinder, spark-ignition engine with TFSI® direct injection, four valves per cylinder, double overhead camshafts [DOHC], turbocharger with intercooler
Arrangement	Front mounted, transverse
Bore	3.25 in. 82.5 mm
Stroke	3.65 in. 92.8 mm
Displacement	121.1 cu. in. 1,984 ccm
Compression ratio	9.6 : 1
Fuel requirement	Unleaded Super, 95 RON (unleaded regular, 91 RON, as an alternative with slight reduction in performance)
Horsepower (SAE)	200 hp @ 5,100 - 6,000 rpm 147 kW
Max. Torque	207 lb-ft @ 1,700 - 5,000 rpm 280 Nm
Max. Turbo boost	0.9 bar (13.0 psi)
ENGINE DESIGN:	
Cylinder block	Cast iron
Crankshaft	Forged steel, 5 main bearings
Cylinder head	Aluminum
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	Fully electronic engine management with drive-by-wire throttle control, direct injection, adaptive lambda control; mapped ignition with cylinder selective ignition coil, cylinder-selective adaptive knock control
Emission system	Underbonnet ceramic percatlyst with catalyst heating function via homogenous split dual injection
ELECTRICAL SYSTEM:	
Battery	volts 75/80 amp/hr
Alternator	volts 140 amp/hr
DRIVETRAIN:	
Transmission	6-speed dual-clutch gearbox gearbox with electro-hydraulic control
Type	2.0T S tronic
Gear ratios:	
1st	3.462
2nd	2.150
3rd	1.464
4th	1.079
5th	1.094
6th	0.921
Reverse	3.989
Final Drive 1th-4th/ 5th - 6th and Reverse	4.059 / 3.136
Front Differential	Hypoid gear, electronically locking (EDL)
Center Differential	Haldex electronically controlled multi-plate coupling
Rear Differential	Hypoid gear
STEERING:	
Type	Electromechanical steering with speed-dependent power assistance
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 (gas charged) with 3-point lower control arm, aluminum subframe, tubular anti-roll bar, track-stabilizing steering roll radius
Rear	Four-link rear suspension with separate spring/shock absorber arrangement, subframe, tubular anti-roll bar

Audi of America

Audi TT 2.0 TFSI quattro Technical Specifications

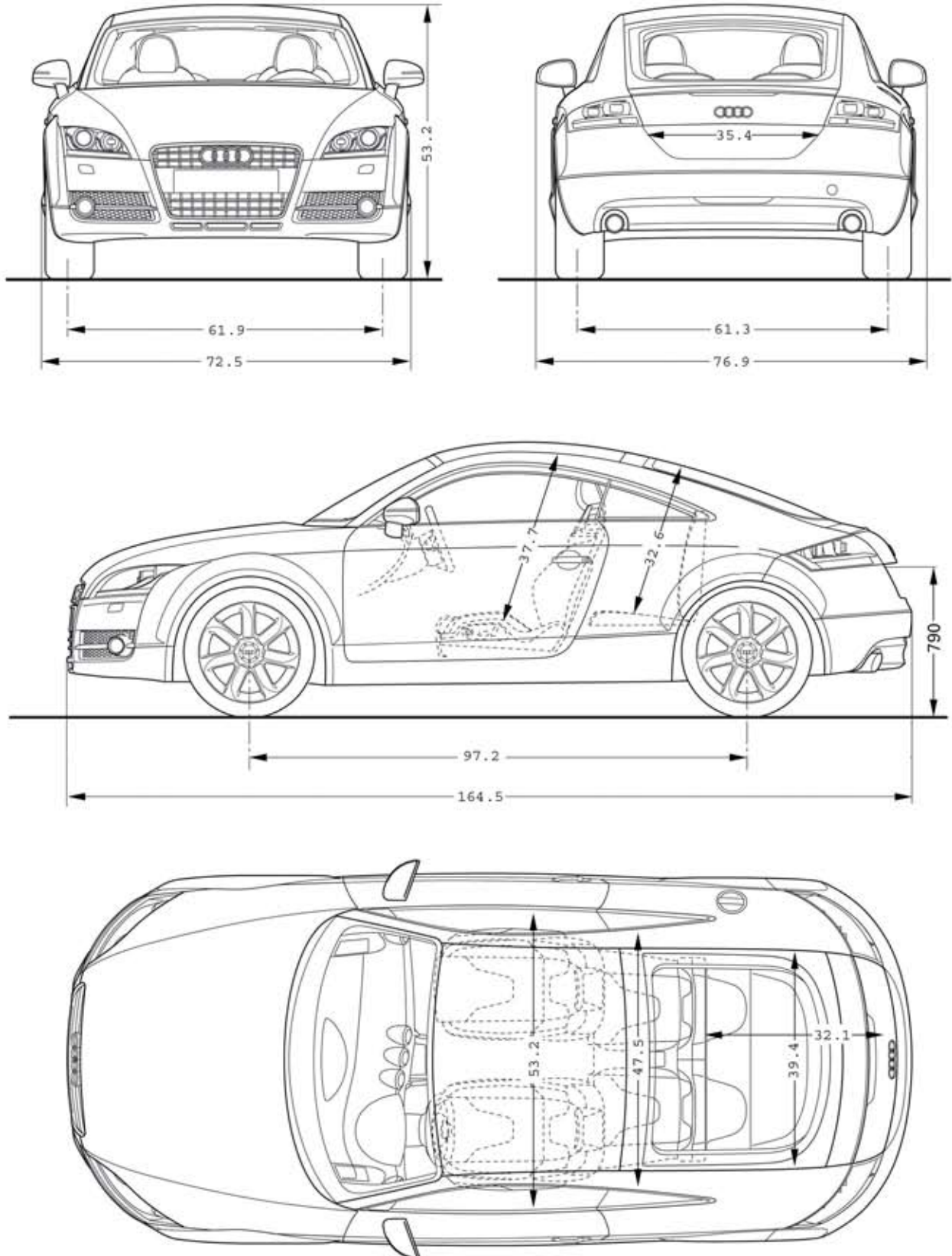
2010 Model Year

BRAKES:		Dual-circuit brake system with diagonal split, ESP hydraulic brake assistant, front disc brakes ventilated			
Service brake					
Front size	12.3 x 1.0 in.	312 mm			
Rear size	11.3 x 0.5 in.	286 mm			
Parking brake	Mechanically actuated at the rear wheels				
WHEELS (standard only):		aluminum, 9Jx18			
TIRES (standard only):		245/40 R18 93Y			
BODY:		12 seconds at speeds below 31 mph			
Power Top Operation					
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	4.9 qt.	4.6 liter			
Fuel tank	14.53 gal.	55 liter			
Cooling system	9.5 qt.	9.0 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 coupe / roadster	53.2 / 53.5 in.	1,353 / 1,358 mm			
Curb weight: quattro		TT Coupe		TT Roadster	
Distribution front / rear [%]		3153 lbs.	1430 kg	3307 lbs	1500 kg
Drag coefficient	TT Coupe: 0.30		TT Roadster: 0.32		
INTERIOR DIMENSIONS:					
		TT Coupe		TT Roadster	
Seating Capacity		2 + 2		2	
Head room	front / rear	37.7/ 32.6 in.		37.6 in.	
		957/ 829 mm		955 mm	
Shoulder room	front / rear	53.2/ 47.5 in.		53.2 in.	
		1,352/ 1,206 mm		1351 mm	
Leg room	front / rear	41.1/ 29.3 in.		41.1 in.	
		1,044/ 743 mm		1044 mm	
Int. vol. (EPA)	front / rear	47.7/ 26.2 cu.ft.		na cu.ft.	
Luggage capacity	std / seats folded	13.1/ 24.7 cu.ft.		8.83 cu.ft.	
		290/ 700 Liters		250 liters	
PERFORMANCE:					
		TT 2.0T quattro S tronic Coupe		TT 2.0T quattro S tronic Roadster	
0-60 mph		5.9 sec.		6.2 sec.	
1/4 mile		14.7 sec.		15 sec.	
Top speed	Electronically limited to 130 mph (209 km/h) for North America				
EFFICIENCY/ENVIRONMENT:					
		2.0 quattro S tronic			
Emission Class		ULEVII			
		EPA estimate			
		TT Coupe		TT Roadster	
City		21 mpg		21 mpg	
Highway		29 mpg		29 mpg	
Combined		24 mpg		24 mpg	

Audi TT Coupe



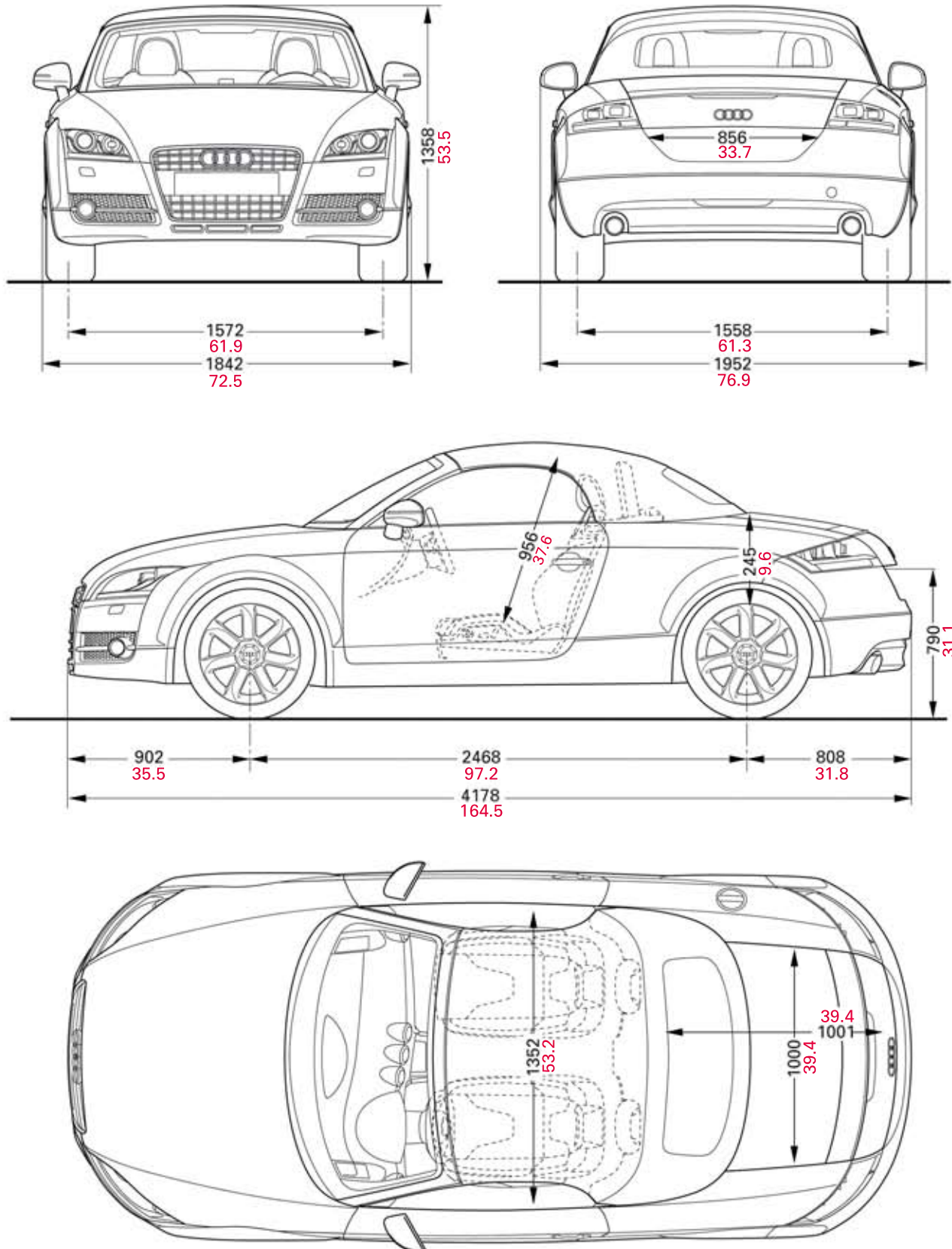
Dimensions



Audi TT Roadster



Dimensions
09/06



* maximum headroom
Dimensions in millimeters and inches
Dimensions of vehicle unloaded