

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



2010 Audi TTS	
Update - Sept/2009	
ENGINE:	
Type	2.0 liter turbocharged, inline four-cylinder, spark ignition engine with TFSI® direct injection, four valves per cylinder, double overhead camshafts [DOHC], S model turbocharger (enlarged turbine wheel, spiral, compressor inlet and compressor wheel and in
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	9.8 : 1
Fuel requirement	Unleaded Super, 95 RON (unleaded regular, 91 RON, as an alternative with slight reduction in performance)
Horsepower (SAE)	265 hp @ 6,000 195 kW
Max. Torque	258 lb-ft @ 2500 - 5,000 rpm 350 Nm
Max. Turbo boost (relative)	1.2 bar (17.4 psi)
ENGINE DESIGN:	
Cylinder block	Cast iron
Crankshaft	Forged steel, 5 main bearings
Cylinder head	Aluminum
ELECTRICAL SYSTEM:	
Battery coupe/roadster	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 FWD S tronic
Gear ratios:	
1st	2.923
2nd	1.957
3rd	1.400
4th	1.032
5th	1.077
6th	0.871
Reverse	3.264
Final Drive 1th-4th/ 5th - 6th and Reverse	4.769 / 3.444
Front Differential	Hypoid gear, electronically locking (EDL)
Center Differential	Hallex 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, aluminium subframe, tubular anti-roll bar, track-stabilising steering roll radius
Rear	Four-link rear suspension with separate spring/shock absorber arrangement, subframe, tubular anti-roll bar

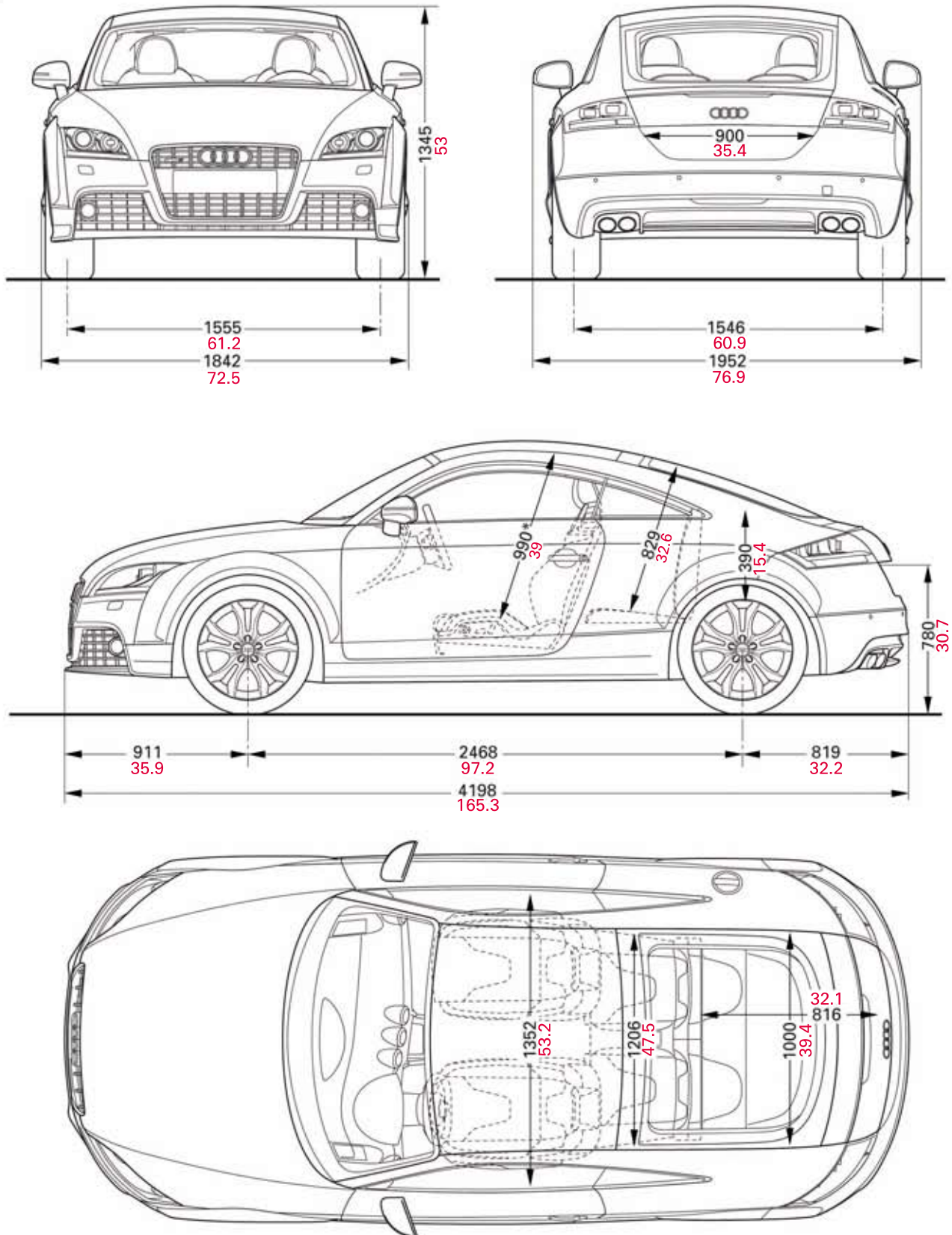
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BRAKES:		Dual-circuit brake system with diagonal split, ESP hydraulic brake assistant, front and rear disc brakes ventilated			
Service brake					
Front size		13.4	x 1.2 in.	340 mm	
Rear size		12.2	x 0.9 in.	310 mm	
Parking brake		Mechanically actuated at the rear wheels			
WHEELS (standard only):					
Size		aluminum, 9Jx18, offset: 52			
TIRES (standard only):					
Size		245/40 R18 93Y			
BODY:					
Power Top Operation		12 seconds at speeds below 31 mph			
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 in quarts (gallons)		5.8 qt (1.45)		5.5 liter	
Fuel tank		15.85 gal.		60 liter	
Cooling system in quarts (gallons)		9.1 qt (2.27)		8.6 liter	
EXTERIOR DIMENSIONS:					
Wheelbase		97.2 in.		2,468 mm	
Track front / rear		61.2	60.9 in.	1555	1546 mm
Overall length		165.3 in.		4,198 mm	
Overall width w/o mirrors		72.5 in.		1,842 mm	
Height coupe / roadster		53.0	53.1 in.	1,345	1,350 mm
Height of loading lip		30.7		780 mm	
		TTS Coupe		TTS Roadster	
Curb weight		3241	lbs.	1,470	kg
				3395	lbs.
					1,540
Distribution front / rear [%]					
Drag coefficient		Coupe: 0.31		Roadster: 0.33	
INTERIOR DIMENSIONS:					
		TT Coupe		TT Roadster	
Seating Capacity		2 + 2		2	
Head room	front / rear	39/ 32.6 in.		990/ 829 mm	
Shoulder room	front / rear	53.2/ 47.5 in.		1,352/ 1,206 mm	
Leg room	front / rear	41.1/ 29.2 in.		1,044/ 743 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.		290/ 700 Liters	
				8.83 cu.ft.	250 liters
PERFORMANCE:					
		Coupe		Roadster	
0-60 mph		4.9 sec.		5.1 sec.	
1/4 mile		13.5 sec.		13.7 sec.	
Top speed		Electronically limited to 155.34 mph (250 km/h) for North America			
EFFICIENCY/ENVIRONMENT:					
		TTS 2.0 quattro S tronic			
		ULEVII			
		EPA estimate			
		TTS Coupe		TTS Roadster	
City		21 mpg		21 mpg	
Highway		29 mpg		29 mpg	
Combined		24 mpg		24 mpg	

Audi TTS Coupe



Dimensions
01/08

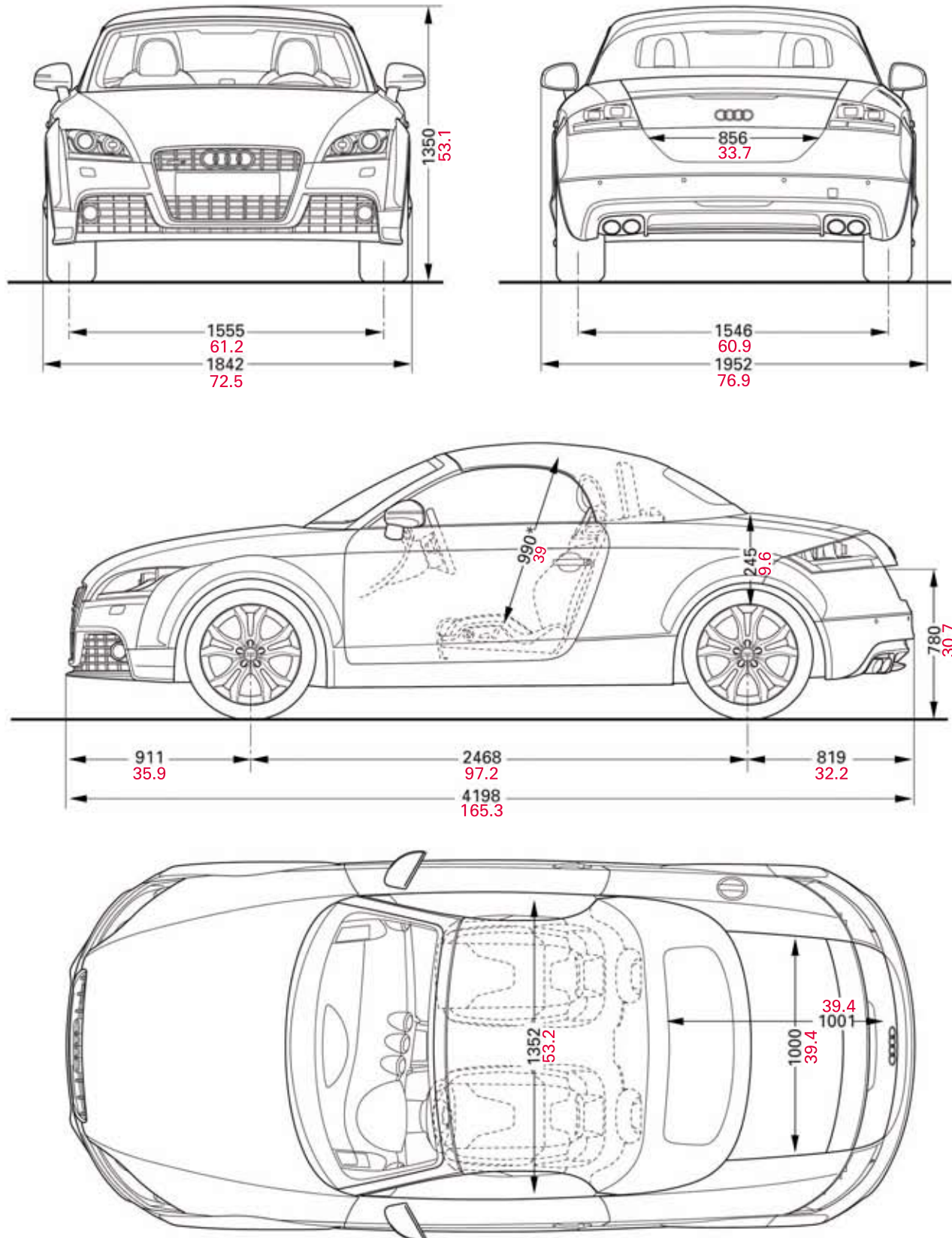


* maximum headroom
Dimensions in millimeters and inches
Dimensions of vehicle unloaded



Audi TTS Roadster

Dimensions
01/08



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