



Audi of America

Audi A5 Cabriolet 2.0 TFSI Technical Specifications

2010 Model Year

Technical Specifications		2010 Audi A5 Cabriolet 2.0 TFSI	
ENGINE:			
Type	Inline four-cylinder gasoline engine with FSI direct injection, exhaust turbocharger with intercooler, four valves per cylinder.		
Arrangement	Front mounted, longitudinal		
Bore	3.25 in.	82.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	121.1 cu. in.	1984 cc	
Compression ratio	9.6:1		
Fuel requirement	Premium unleaded (91 Octane) recommended for maximum performance		
Horsepower (SAE)	211 hp	@ 4300-6000 rpm	
Max. Torque	258 lbs. ft.	@ 1500-4200 rpm	
ENGINE DESIGN:			
Cylinder block	cast iron		
Cylinder head	aluminum alloy		
Valve train / intake	Audi valvelift system on exhaust valves, DOHC, chain driven, hydraulic lifters		
Firing order	1-3-4-2		
Fuel injection	Electronic engine management, drive-by-wire throttle, FSI direct injection		
Emission system	Close-coupled ceramic catalytic converter		
Emissions level	EU5; ULEVII		
ELECTRICAL SYSTEM:			
Battery	12 volts	60 amp/hr	
Alternator	14 volts	140 amp	
DRIVETRAIN:			
Transmission	Automatic: Tiptronic 6-speed automatic		
Type	Automatic: Multitronic continuously variable transmission (CVT)		
	Tiptronic automatic (quattro AWD)		Multitronic CVT (FrontTrak FWD)
		Automatic	continuously variable (sport ratios below)
Gear ratios:	1st	3.462	2.404
	2nd	2.15	1.556
	3rd	1.464	1.140
	4th	1.079	0.885
	5th	1.094	0.701
	6th	0.921	0.566
	7th	-	0.458
	8th	-	0.382
	reverse	3.989	2.919
	Final Drive	3.136	5.175
Front Differential	electronically locking (EDL)		
Center Differential (for quattro)	self-locking center differential		
Rear Differential (for quattro)	electronically locking (EDL)		
STEERING:			
Type	Servotronic vehicle speed-sensitive hydraulic power assist		
Ratio	16.3:1		
Turning circle (curb-to-curb)	37.4 ft.	11.4 m	
SUSPENSION:			
Front	Five-link front suspension, upper and lower wishbones, tubular anti-roll bar		
Rear	Independent trapezoidal link with resiliently mounted subframe, anti-roll bar		
BRAKES:			
System	Dual-circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake pressure Distribution (EBD) and Electronic Stabilization Program (ESP); tandem brake booster		
Front	Ventilated discs	12.6 in. (320 mm)	
Rear	Solid discs	11.8 in. (300 mm)	
Parking brake	Electromechanical, actuated at rear wheels		

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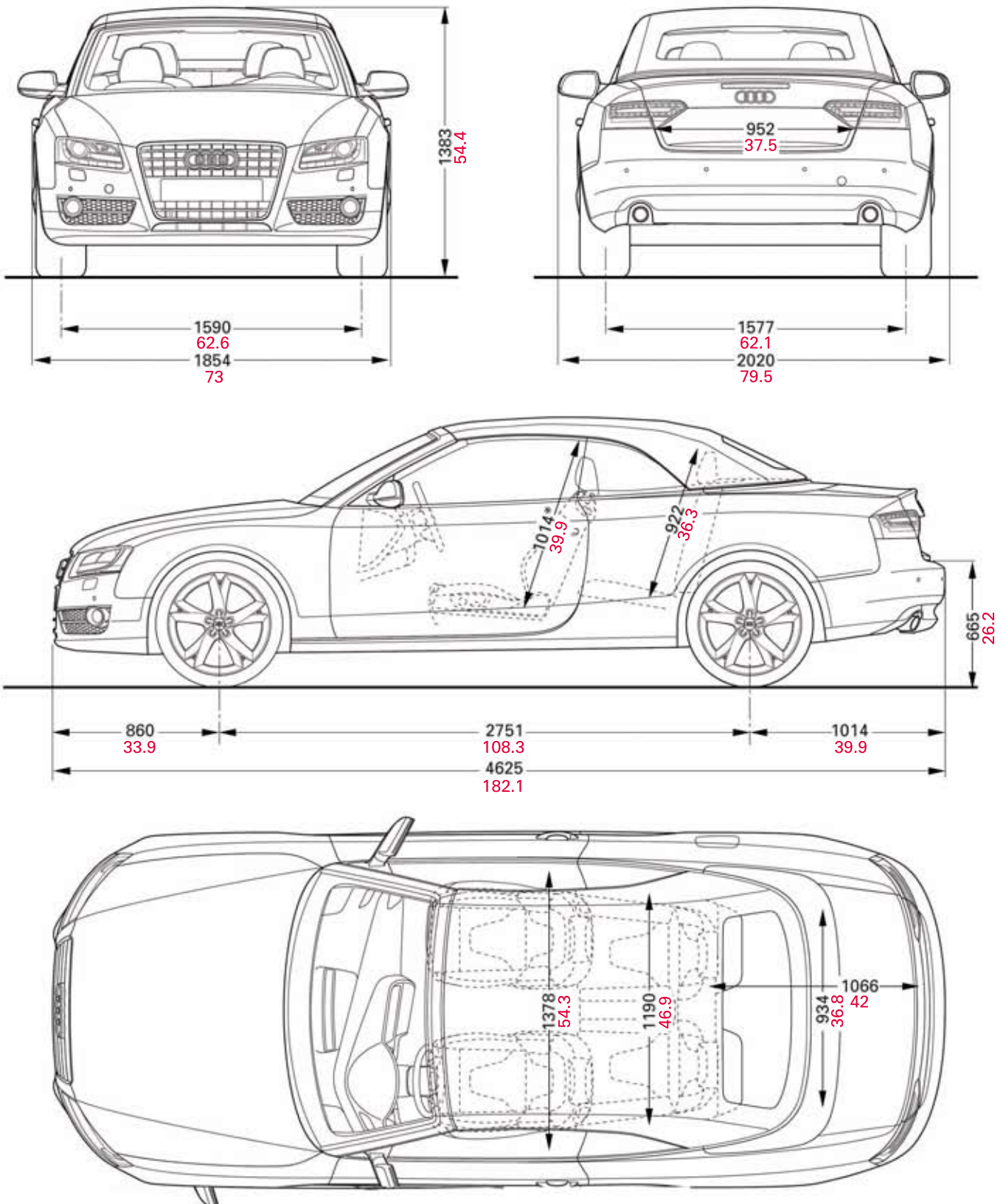
2010 Model Year

Technical Specifications (continued)		2010 Audi A5 Cabriolet 2.0 TFSI			
WHEELS:					
Size	8.5X18 alloy			standard	
	8.5X19 alloy			optional	
TIRES:					
Size	245/40 R18 all season			standard	
	255/35 R19 summer performance			optional	
BODY:					
Material	Unitized steel structure; Cloth convertible roof				
Corrosion protection	All steel parts are 100% dual-side zinc-galvanized (12 year limited warranty against corrosion perforation)				
WARRANTY/MAINTENANCE:					
	4-Year/50,000 mile new vehicle limited warranty				
	12-Month/5,000 mile (whichever occurs first)				
CAPACITIES:					
Engine oil	4.86 qt.	4.6 liter			
Fuel tank	17.17 gal.	65 liter			
Cooling system	7.4 qt.	7 liter			
EXTERIOR DIMENSIONS:					
Wheelbase	108.3 in.	2751 mm			
Track: front / rear	62.6/62.1	1590/1577			
Overall length	182.1 in.	4625 mm			
Overall width incl. mirrors	79.5 in.	2020 mm			
Height (unloaded)	54.4 in.	1383 mm			
Ground clearance (loaded)	n/a in.	n/a mm			
Curb weight	FrontTrak Multitronic		quattro Tiptronic		
	3880	lbs	4034	lbs	
Drag coefficient	Cd = 0.31 Frontal Area = = 2.18 sq. m.				
INTERIOR DIMENSIONS:					
EPA Class	Subcompact cars				
Seating Capacity	4				
Head room front / rear	39.9 in.	1014 mm	/	36.3 in.	922 mm
Leg room front / rear	41.34 in.	1050 mm	/	31.9 in.	810.26 mm
Shoulder room front / rear	54.3 in.	1378 mm	/	46.9 in.	1190 mm
Int. vol. (EPA)	n/a cu. ft.				
Luggage capacity (EPA)	10.2 cu. ft.				
PERFORMANCE:					
0-60 mph	quattro Tiptronic Trans		Multitronic Trans		
	7.2	sec.		7.5	sec.
Top speed	Electronically limited to 130 mph				
FUEL ECONOMY:					
	quattro Tiptronic Trans		Multitronic Trans		
City	20	mpg		23	mpg
Highway	26	mpg		30	mpg
Combined	23	mpg		26	mpg



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Dimensions
02/09



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