



# Audi of America

## Audi S5 Cabriolet 3.0 TFSI Technical Specifications

### 2010 Model Year

Technical Specifications		2010 Audi S5 Cabriolet	
<b>ENGINE:</b>			
Type	Supercharged V6 gasoline engine with FSI direct injection, dual intercoolers, four valves per cylinder, 2-stage variable intake manifold		
Arrangement	Front mounted, longitudinal		
Bore	3.33 in.	84.5 mm	
Stroke	3.50 in.	89 mm	
Displacement	182.8 cu. in.	2995 cc	
Compression ratio	10.3:1		
Fuel requirement	Premium unleaded (91 Octane) recommended for maximum performance		
Horsepower (SAE)	333 hp	@ 5500-7000	
Max. Torque	325 lbs. ft.	@ 2900-5300	
<b>ENGINE DESIGN:</b>			
Cylinder block	aluminum alloy		
Cylinder head	aluminum alloy		
Valve train / intake	DOHC, 4-valves per cylinder, hydraulic adjustment		
Fuel injection	Electronic engine management, drive-by-wire throttle, FSI direct injection		
Emission system	Two close-coupled ceramic converters		
Emissions level	EU5, ULEV2		
<b>ELECTRICAL SYSTEM:</b>			
Battery	12 volts	95 amp/hr	
Alternator	14 volts	150 amp	
<b>DRIVETRAIN:</b>			
Transmission	Automatic: S tronic 7-speed dual clutch automatic		
Type	<b>S tronic automatic (quattro AWD)</b> dual clutch		
Gear ratios:	1st	3.692	
	2nd	2.238	
	3rd	1.559	
	4th	1.175	
	5th	0.915	
	6th	0.745	
	7th	0.617	
	reverse	2.944	
	Final Drive	3.875	
Front Differential	electronically locking (EDL)		
Center Differential (for quattro)	self-locking center differential		
Rear Differential (for quattro)	electronically locking (EDL)		
<b>STEERING:</b>			
Type	Servotronic vehicle speed-sensitive hydraulic power assist		
Ratio	16.3:1		
Turning circle (curb-to-curb)	37.4 ft.	11.4 m	
<b>SUSPENSION:</b>			
Front	Five-link front suspension, upper and lower wishbones, tubular anti-roll bar		
Rear	Independent trapezoidal link with resiliently mounted subframe, anti-roll bar		
<b>BRAKES:</b>			
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	13.6 in. (345 mm)	
Rear	Ventilated discs	13.0 in. (330 mm)	
Parking brake	Electromechanical, actuated at rear wheels		

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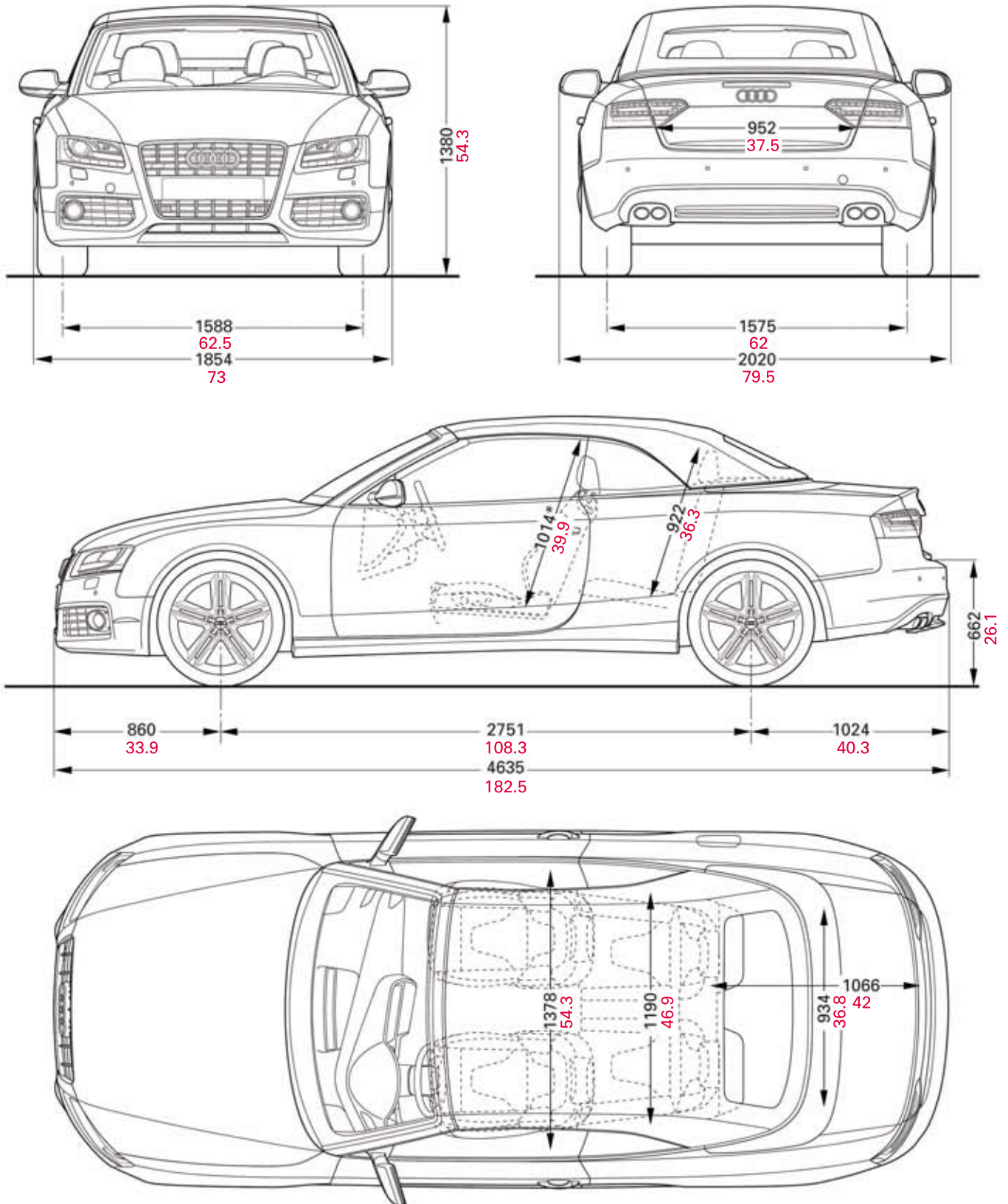
### 2010 Model Year

Technical Specifications (continued)		2010 Audi S5 Cabriolet			
<b>WHEELS:</b>					
Size	8.5X19 alloy		standard		
<b>TIRES:</b>					
Size	255/35 R19 summer performance		standard		
<b>BODY:</b>					
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)				
<b>WARRANTY/MAINTENANCE:</b>					
4-Year/50,000 mile new vehicle limited warranty					
12-Month/5,000 mile (whichever occurs first)					
<b>CAPACITIES:</b>					
Engine oil	8.5585 qt.	8.1 liter			
Fuel tank	16.907 gal.	64 liter			
Cooling system	11.728 qt.	11.1 liter			
<b>EXTERIOR DIMENSIONS:</b>					
Wheelbase	108.3 in.	2751 mm			
Track: front / rear	62.5/62	1588/1575			
Overall length	182.5 in.	4635 mm			
Overall width incl. mirrors	79.5 in.	2020 mm			
Height (unloaded)	54.3 in.	1380 mm			
Ground clearance (loaded)	n/a in.	n/a mm			
<b>quattro S tronic Trans</b>					
Curb weight	4310	lbs			
Drag coefficient	Cd = 0.32	Frontal Area =	=	2.18 sq. m.	
<b>INTERIOR DIMENSIONS:</b>					
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.				
<b>PERFORMANCE:</b>					
<b>quattro S tronic Trans</b>					
0-60 mph	5.2		sec.		
Top speed	Electronically limited to 155 mph				
<b>FUEL ECONOMY:</b>					
<b>quattro S tronic Trans</b>					
City	17		mpg		
Highway	26		mpg		
Combined	20		mpg		



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Dimensions  
02/09



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