



# Audi of America

## Audi S5 coupe 4.2 FSI Technical Specifications

### 2010 Model Year

Technical Specifications		2010 Audi S5 coupe	
<b>ENGINE:</b>			
Type	V8 gasoline engine with FSI direct injection, four valves per cylinder, 2-stage variable intake manifold		
Arrangement	Front mounted, longitudinal		
Bore	3.33 in.	84.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	254.0 cu. in.	4163 cc	
Compression ratio	11.4:1		
Fuel requirement	Premium unleaded (91 Octane) recommended for maximum performance		
Horsepower (SAE)	354 hp	@ 7000	
Max. Torque	325 lbs. ft.	@ 3500	
<b>ENGINE DESIGN:</b>			
Cylinder block	aluminum alloy		
Cylinder head	aluminum alloy		
Valve train / intake	DOHC, 4-valves per cylinder, hydraulic adjustment		
Firing order			
Fuel injection	Electronic engine management, drive-by-wire throttle, FSI direct injection		
Emission system	Two close-coupled ceramic converters		
Emissions level	EU4; LEV II		
<b>ELECTRICAL SYSTEM:</b>			
Battery	12 volts	95 amp/hr	
Alternator	14 volts	450 amp	
<b>DRIVETRAIN:</b>			
Transmission	Automatic: Tiptronic 6-speed automatic		
	Manual: 6-speed manual transmission		
Type	Tiptronic automatic (quattro AWD)		6-sp manual trans (quattro AWD)
	Automatic		Manual
Gear ratios:	1st	4.171	3.667
	2nd	2.340	2.158
	3rd	1.521	1.520
	4th	1.143	1.133
	5th	0.867	0.919
	6th	0.691	0.778
	reverse	3.403	3.222
	Final Drive	3.517	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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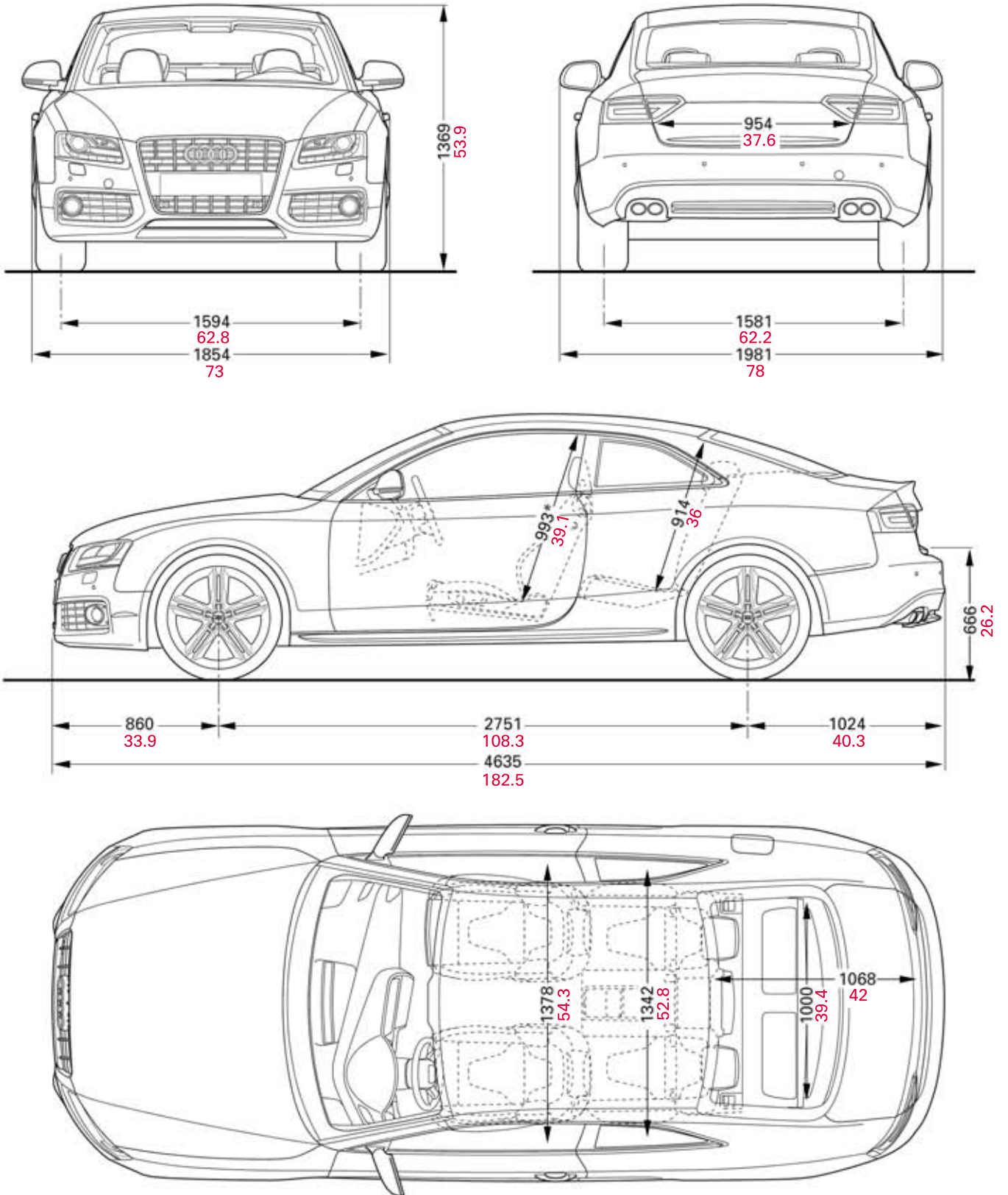
### 2010 Model Year

Technical Specifications (continued)		2010 Audi S5 coupe			
<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				
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	11.306 qt.	10.7 liter			
Fuel tank	16.643 gal.	63 liter			
Cooling system	12.891 qt.	12.2 liter			
<b>EXTERIOR DIMENSIONS:</b>					
Wheelbase	108.3 in.	2751 mm			
Track: front / rear	62.8/62.2	1594/1581			
Overall length	182.5 in.	4635 mm			
Overall width incl. mirrors	78 in.	1981 mm			
Height (unloaded)	53.9 in.	1369 mm			
Ground clearance (loaded)	n/a in.	n/a mm			
	<b>quattro Tiptronic Trans</b>		<b>quattro manual Trans</b>		
Curb weight	3924	lbs	3858	lbs	
Drag coefficient	Cw = 0.296 Frontal Area = = 2.17 sq. m.				
<b>INTERIOR DIMENSIONS:</b>					
EPA Class	Subcompact cars				
Seating Capacity	4				
Head room front / rear	39.1 in.	993 mm	/	36 in.	914 mm
Shoulder room front / rear	54.3 in.	1378 mm	/	52.8 in.	1342 mm
Int. vol. (EPA)	84 cu. ft.				
Luggage capacity (EPA)	12.0 cu. ft.				
<b>PERFORMANCE:</b>					
	<b>quattro Tiptronic Trans</b>		<b>quattro Manual Trans</b>		
0-60 mph	5.1	sec.	4.9	sec.	
Top speed	Electronically limited to 155 mph				
<b>FUEL ECONOMY:</b>					
2009MY EPA data (no change expected for 2010)					
	<b>quattro Tiptronic Trans</b>		<b>quattro Manual Trans</b>		
City	16	mpg	14	mpg	
Highway	24	mpg	22	mpg	
Combined	19	mpg	17	mpg	

# Audi S5



Dimensions  
03/07



\* maximum headroom

Dimensions in millimeters and inches

Dimensions of vehicle unloaded