



# Audi of America

## Audi S4 3.0 TFSI Technical Specifications

### 2011 Model Year

Technical Specifications		2011 Audi S4
<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	80 amp/hr
Alternator	14 volts	140 amp
<b>DRIVETRAIN:</b>		
Transmission	Automatic: S tronic 7-speed dual clutch automatic Manual: 6-speed	
Type	<b>S tronic automatic (quattro AWD)</b>	<b>6-speed Manual (quattro AWD)</b>
	dual clutch	manual
Gear ratios:		
1st	3.692	3.667
2nd	2.238	2.158
3rd	1.559	1.520
4th	1.175	1.133
5th	0.915	0.919
6th	0.745	0.778
7th	0.617	
reverse	2.944	3.222
Final Drive	3.875	3.682
Front Differential	electronically locking (EDL)	
Center Differential	self-locking center differential	
Rear Differential	electronically locking (EDL)	
<b>STEERING:</b>		
Type	Servotronic vehicle speed-sensitive hydraulic power assist	
Ratio	16.5:1	
Turning circle (curb-to-curb)	37.7 ft.	11.5 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	
Rear	discs	
Parking brake	Electromechanical, actuated at rear wheels	

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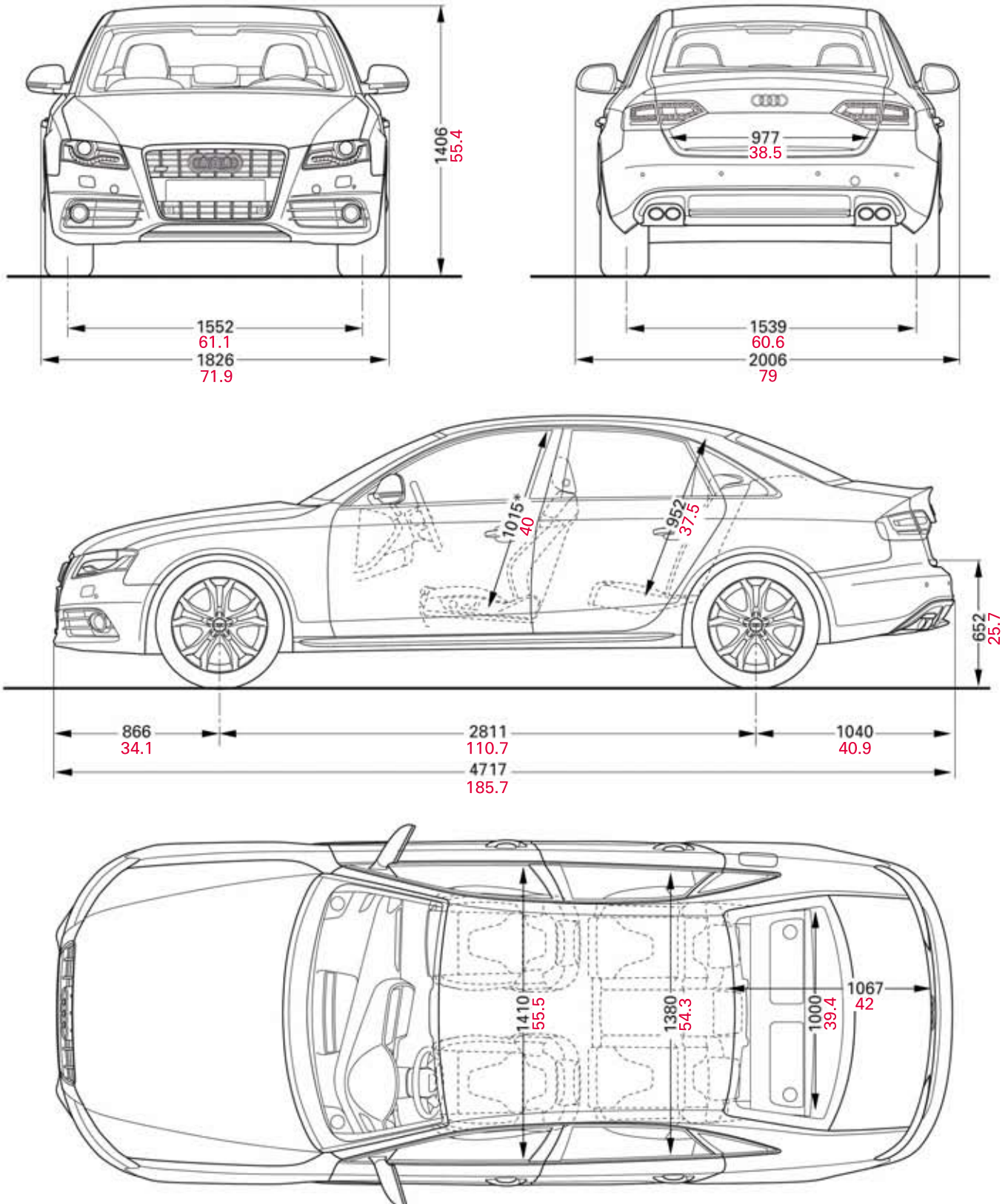
### 2011 Model Year

Technical Specifications (continued)		2011 Audi S4	
<b>WHEELS:</b>			
Size	8X18 alloy	standard	
	8.5X19 alloy	optional	
<b>TIRES:</b>			
Size	245/40 R18 summer performance	standard	
	255/35 R19 summer performance	optional	
<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	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>			
	<b>Sedan</b>		
Wheelbase	110.55 in.	2808 mm	
Track: front / rear	61.6/61.1	1564/1551 mm	
Overall length	185.2 in.	4703 mm	
Overall width mirrors	71.89 in.	1826 mm	
Height (unloaded)	56.181 in.	1427 mm	
Ground clearance (loaded)	Cw = 0.28 Frontal Area = 2.20 sq. m.		
	<b>quattro S tronic Trans</b>		<b>quattro manual Trans</b>
Curb weight	3714 lbs	3637 lbs	(european measurements)
<b>INTERIOR DIMENSIONS:</b>			
EPA Class	Compact class		
Seating Capacity	5		
	<b>Sedan</b>		
Head room front / rear	40.0 in.	1015 mm	37.5 in. 952 mm
Shoulder room front / rear	55.5 in.	1410 mm	54.3 in. 1380 mm
Int. vol. (EPA)	91 cu. ft.		
Luggage capacity (EPA)	12.0 cu. ft. (34.0 cuft. Rear seats folded)		
<b>PERFORMANCE:</b>			
	<b>quattro S tronic Trans</b>		<b>quattro manual Trans</b>
0-60 mph	4.9	sec.	4.9 sec.
Top speed	Electronically limited to 155 mph		
<b>FUEL ECONOMY:</b>			
	MY 2011 EPA		
	<b>quattro S tronic Trans</b>		<b>quattro manual Trans</b>
City	18	mpg	18 mpg
Highway	28	mpg	27 mpg
Combined	21	mpg	21 mpg

# Audi S4



Dimensions  
10/08



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