

## 2008 Audi S5 Technical Specifications



Technical Specifications		2008 S5
<b>ENGINE:</b>		
Type	V8 gasoline direct injection DOHC	
Arrangement	Front mounted, longitudinal	
Bore	3.3268 in.	84.5 mm
Stroke	3.6535 in.	92.8 mm
Displacement	254.04 cu. in.	4163 cc
Compression ratio	11.0:1	
Fuel requirement	Unleaded Super, 95 RON (unleaded regular, 91 RON, as an alternative with slight reduction in performance)	
Horsepower (SAE)	354 hp @	6800 rpm
Max. Torque	325 lb-ft @	3500 rpm
<b>ENGINE DESIGN:</b>		
Cylinder block	Aluminum alloy	
Cylinder head	Aluminum alloy	
Valve train / intake	DOHC, two-stage intake manifold	
Cooling system	Water-cooled, thermostatically controlled radiator fan	
Fuel injection /	Fully electronic engine management with FSI direct injection	
Emission system	Catalytic converters with oxygen sensors	
<b>ELECTRICAL SYSTEM:</b>		
Battery	12 volts	110 amp x h
Alternator	14 volts	180 amp x h
<b>DRIVETRAIN:</b>		
Transmission	6-speed manual transmission with synchromesh on all gears, hydraulic single-disc clutch with dual mass flywheel	
Type	6-speed Tiptronic automatic transmission	
Gear ratios:		
1st	3.667	
2nd	2.050	
3rd	1.462	
4th	1.133	
5th	0.919	
6th	0.778	
Reverse	3.330	
Final Drive front / rear	3.889	
Front Differential	Hypoid gear, electronically locking (EDL)	
Center Differential	Self-locking center differential with asymmetric/dynamic torque split 40F/60R	
Rear Differential	Hypoid gear, electronically locking (EDL)	
<b>STEERING:</b>		
Type	Rack and pinion with Servotronic electric power assist	
Ratio	16.3:1	
Turning circle (curb-to-curb)	37.4 ft.	11.4 m
<b>SUSPENSION:</b>		
Front	5-link front suspension with upper and lower wishbones	
Rear (quattro)	Trapezoidal link independent rear suspension with anti-dive compensation	

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Technical Specifications (continued)		2008 S5
<b>BRAKES:</b>		
Service brake	Dual-circuit brake system with diagonal split, ESP with electronic brake force distribution EBD, ABS; brake assist with tandem brake booster; front: ventilated discs, rear: discs	
Front, size and type	13.6 in. 345 mm - Vent. disc	
Rear, size and type	13.0 in. 330 mm disc	
Parking brake	Electromechanically actuated at the rear wheels	
<b>BODY:</b>		
Material	Galvanized steel with aluminum front fenders	
Corrosion protection	Multi-step anti-corrosion protection	
<b>CAPACITIES:</b>		
Engine oil	11.3 qt. 10.7 liter	
Fuel tank	16.6 gal. 63 liter	
Cooling system	12.9 qt. 12.2 liter (incl. heating)	
<b>EXTERIOR DIMENSIONS:</b>		
Wheelbase	108.3 in. 2750.8 mm	
Track: front / rear	62.6/62.1 in. 1590/1577	
Overall length	182.5 in. 4635.5 mm	
Overall width	78 in. 1981.2 mm (includes mirrors)	
Height	53.9 in. 1369.1 mm	
Curb weight	3891 lbs. 1765 kg (manual) 4067 lbs. 1845 kg (Tiptronic -estimated) Updated with US data.	
Distribution % front / rear	51/49	
<b>INTERIOR DIMENSIONS:</b>		
Seating Capacity	4	
EPA class	Four seater	
Head room	39.1 in. 993 mm	
Shoulder room	54.3 in. 1379 mm	
Int. vol. (EPA)	N/A	
Luggage capacity (EPA)	16.1 cu. ft. 455 Liter	
<b>PERFORMANCE:</b>		
0-60 mph	4.9 sec. (confirmed US value for manual transmission)	
Top speed	Electronically limited to 155 mph (250kph)	
<b>FUEL ECONOMY:</b> EPA estimate		
City	14 mpg	
Highway	21 mpg	
Combined	16 mpg	
<b>FUEL ECONOMY:</b> Canadian estimate		
City	n/a liters/100km*	
Highway	n/a liters/100km*	