

2008 Audi S4 Cabriolet



Technical Specifications		2007 Audi S4 Cabriolet	
<b>ENGINE:</b>			
Type	V8-arrangement 8-cylinder with Double Overhead Camshafts and two-stage variable intake manifold		
Arrangement	Front mounted		
Bore	3.33 in.	84.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	254 cu. in.	4163 cc	
Compression ratio	11.0:1		
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance		
Horsepower (SAE)	340 hp	@ 7000 (man) rpm	@ 6800 (Tip) rpm
Max. Torque	302 lbs. ft.	@ 3500 rpm	
<b>ENGINE DESIGN:</b>			
Cylinder block			
Crankshaft			
Cylinder head	Aluminum alloy		
Valve train / intake	Intake camshaft adjustment, DOHC belt driven, hydraulic lifters		
Firing order			
Cooling system	Water-cooled, thermostatically controlled radiator fan		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection / Ignition system	Motronic 7.1.1: fully electronic sequential injection, hot-film air mass measurement, drive-by-wire throttle control, mapped ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control using four sensors		
Emission system	Two close-coupled primary and two underfloor main catalytic converters; adaptive lambda control with two heated oxygen sensors before and two after the converter.		
<b>ELECTRICAL SYSTEM:</b>			
Battery	12 volts	95 amp/hr	
Alternator	14 volts	190 amp	
<b>DRIVETRAIN:</b>			
Transmissions	<ul style="list-style-type: none"> <li>• 6-speed manual transmission</li> <li>• 6-speed automatic with Tiptronic®</li> </ul>		
Type	<b>quattro Manual 6-speed</b>		<b>Automatic 6-speed w/ Tiptronic®</b>
Gear ratios: 1st	3.667:1		4.171:1
2nd	2.050:1		2.340:1
3rd	1.462:1		1.521:1
4th	1.133:1		1.143:1
5th	0.919:1		0.867:1
6th	0.778:1		0.691:1
Final Drive	3.889:1		3.539:1
Torque Split	40/60		50/50
Front Differential	Hypoid gear, electronically locking (EDL)		
Center Differential	TORSSEN® (TORque SENSing) differential providing automatic and variable front to rear power proportioning		
Rear Differential	Hypoid gear, electronically locking (EDL)		
<b>STEERING:</b>			
Type	Maintenance-free rack-and-pinion steering with power assist		
Ratio	14.5:1		
Turns (lock-to-lock)	n/a		
Turning circle (curb-to-curb)	37.7 ft.	11.5 m	
<b>SUSPENSION:</b>			
Front	Four link, upper and lower control arms, stabilizer bar, coil spring/shock absorbers (gas charged)		
Rear	Fully independent, trapezoidal link rear suspension, stabilizer bar, separate coil springs and shock absorbers (gas charged)		
<b>BRAKES:</b>			
Service brake	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, size and type	13.6 in.	345x30 mm	- Ventilated disc / FNRG - 60
Rear, size and type	11.9 in.	302x22 mm	- Ventilated disc / C43 HR
Parking brake	Mechanically actuated at the rear wheels		

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Technical Specifications (continued)		2007 Audi S4 Cabriolet	
<b>CABRIOLET TOP:</b>	Minimum necessary clearance for opening the convertible top is 85 inches / 7 ft. 1 inch.		
<b>WHEELS:</b>	Standard (C5G)		
Size	8J x 18		
Offset	43 mm		
Weight	5.8 lbs		
Type	Cast alloy		
<b>TIRES:</b>			
Size	235/40		
Speed rating	Z		
Construction	Radial		
Load Index	91		
Brand / Type (all approved)	Conti Sport Contact 2		
<b>BODY:</b>			
Material	Unitized steel structure with integrated aluminum and magnesium components		
Corrosion protection	All steel parts are 100% dual-side zinc-galvanized. (12-year limited warranty against corrosion perforation)		
<b>CAPACITIES:</b>			
	<b>quattro</b>		
Engine oil	11.3 qt.	10.7 liter	
Fuel tank	16.6 gal.	63 liter	
Cooling system	12.9 qt.	12.2 liter	
<b>EXTERIOR DIMENSIONS:</b>			
	<b>quattro</b>		
Wheelbase	104.5 in.	2654 mm	
Track: front / rear	59.8 in.	1518 mm / 59.9 in.	1520 mm
Overall length	180.0 in.	4573 mm	
Overall width / with mirrors	70.0 in.	1778 mm / 75.2 in.	1911 mm
Height (unloaded)	54.8 in.	1391 mm	
Ground clearance (loaded)	4 in.	102 mm	
Curb weight: man. / auto.	4211 lbs.	1910 kg / 4266 lbs.	1935 kg
Drag coefficient: Front / quattro	Cw = 0..31	Frontal Area = 2.11 sq.m.	
<b>INTERIOR DIMENSIONS (SAE measurements):</b>			
Seating Capacity	4		
EPA class	Compact		
Head room front / rear	37.95 in.	964 mm /	36.3 in. 922 mm based on sedan
Shoulder rm. front / rear	53.0 in.	1347 mm /	45.1 in. 1145 mm
Leg room front / rear	41.3 in.	1050 mm /	32.4 in. 823 mm
Interior vol. front / rear	42.2 cu. ft.	1195 L /	30.7 cu. ft. 869 L
Luggage Capacity	10.2 cu. ft.	289L	(83.1 total cu.ft / 2353L, incl. trunk volume)
<b>PERFORMANCE:</b>			
	<b>quattro</b>		
	<b>Manual 6-speed</b>	<b>6-speed Tiptronic automatic</b>	
0-50 mph (0-80kmh)	4.5 sec.	4.8 sec.	
0-60 mph (0-100 km/h)	5.8 sec.	6.1 sec.	
1/4 mile	14 sec.	14.2 sec.	
Top speed	Top speed is electronically limited at 155 MPH (250 km/h)		
<b>FUEL ECONOMY:</b>	EPA estimate		
	<b>quattro</b>		
	<b>Manual 6-speed</b>	<b>6-speed Tiptronic automatic</b>	
City	14 mpg	15 mpg	
Highway	21 mpg	23 mpg	
Combined	17 mpg	18 mpg	
<b>FUEL ECONOMY:</b>	Canadian Estimate		
	<b>Manual 6-speed</b>		
	<b>6-speed Tiptronic automatic</b>		
City	16.2 liters/100km	15.5 liters/100km	
Highway	10.2 liters/100km	9.5 liters/100km	