

**2006 A4 Cabriolet**  
**3.0 Technical Specifications**



Technical Specifications		2006 Audi A4 3.0 Cabriolet	
<b>ENGINE:</b>			
Type	Aluminum, 90 degree V6 with variable intake manifold, continuous camshaft adjustment, balance shaft, DOHC		
Arrangement	Front mounted, longitudinal		
Bore	3.25 in.	82.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	182 cu. in.	2976 cc	
Compression ratio	10.1 : 1		
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance		
Horsepower (SAE)	220 hp	@ 6300 rpm	
Torque	221 lbs. ft.	@ 3200 rpm	
<b>ENGINE DESIGN:</b>			
Cylinder block	High integrity aluminum cylinder block with cast-in thin wall gray iron liners		
Crankshaft	Forged steel		
Cylinder head	Aluminum alloy		
Valve train / intake	DOHC chain driven, hydraulic valve lifters, two-stage variable intake manifold		
Firing order	1 - 4 - 3 - 6 - 4 - 5		
Cooling system	Water-cooled, thermostatically controlled radiator fan		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection / Ignition system	Fully electronic engine management utilizing Bosch Motronic® 7.1.1., sequential injection with adaptive idle-charge control, acceleration enrichment, overrun fuel cut-off, adaptive lambda control, mapped ignition with solid-state high-voltage distribution via single spark coils, cylinder selective adaptive knock control with two sensors		
Emission system	Dual 3-way catalytic converters w/individual oxygen sensors		
<b>ELECTRICAL SYSTEM:</b>			
Battery	12 volts	80 amp/hr	
Alternator	14 volts	120 amp	
<b>DRIVETRAIN:</b>			
Transmissions	• Audi multitronic® Continuously Variable Transmission (CVT)		
Type	Tiptronic Automatic		
Gear ratios:	1st		
	2nd		Data for Tiptronic not available
	3rd		
	4th		
	5th		
	6th		
	Final Drive		
Front Differential	Hypoid gear, electronically locking (EDL)		
<b>STEERING:</b>			
Type	Maintenance-free rack-and-pinion steering with power assist		
Ratio	16.3:1		
Turns (lock-to-lock)	n.a.		
Turning circle (curb-to-curb)	36.4 ft.	11.1 m	
<b>SUSPENSION:</b>			
Front	Four link, upper and lower control arms, stabilizer bar, coil spring/shock absorbers (gas charged)		
Rear (FrontTrak)	Fully independent, trapezoidal link rear suspension, stabilizer bar, separate coil spring 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	12.3 in.	312x25 mm	- Ventilated disc / FN3 - 57
Rear, size and type	10 in.	255x12 mm	- Solid disc / C38 HR
Parking brake	Mechanically actuated at the rear wheels		

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Technical Specifications (continued)		2006 Audi A4 3.0 Cabriolet	
<b>CABRIOLET TOP:</b>		Minimum necessary clearance for opening the convertible top is 85 inches / 7 ft. 1 inch.	
<b>WHEELS:</b>		<b>Standard 17" (CA5)</b>	<b>Optional 18" S line (CH9)</b>
Size		7.5J x 17	8J x 18
Offset		45 mm	43 mm
Weight		n/a	n/a
Type		Cast alloy 6-spoke	Cast alloy 5-arm quattro GmbH
<b>TIRES:</b>			
Size		235/45	235 / 40
Speed rating		H	Y
Construction		Radial	Radial
Load Index		n/a	n/a
Brand / Type (all approved)		n/a	n/a
<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		5.8 qt.	5.5 liter
Fuel tank		16.6 gal.	66 liter
Cooling system		9.5 qt.	9 liter
<b>EXTERIOR DIMENSIONS:</b>		<b>quattro</b>	
Wheelbase	104.5 in.	2654 mm	
Track: front / rear	60 in.	1523 mm	/ 60 in. 1523 mm
Overall length	180 in.	4573 mm	
Overall width / with mirrors	70 in.	1777 mm	/ 75 in. 1911 mm
Height (unloaded)	54.8 in.	1391 mm	
Ground clearance (loaded)	5 in.	128 mm	
Curb weight:			4023 lbs. / 1825
Distribution: % front / rear			53 / 47
Drag coefficient	Cw = 0.31	Frontal Area = 2.11 sq.m.	
<b>INTERIOR DIMENSIONS (SAE measurements):</b>			
Seating Capacity	4		
EPA class			
Head room front / rear	37.95 in.	964 mm	/ 36.3 in. 922 mm
w/sunroof front / rear	in.	mm	/ in. mm
Shoulder room front / rear	53.0 in.	1347 mm	/ 45.08 in. 1145 mm
Leg room front / rear	41.3 in.	1050 mm	/ 32.4 in. 823 mm
Interior volume front / rear	42.2 cu. ft.	/	30.7 cu. ft. 89.0 = total of cu. ft (including trunk volume)
Luggage Capacity	10.2 cu. ft.		
<b>PERFORMANCE:</b>			
		<b>Tiptronic quattro</b>	
0-50 mph (0-80kmh)			6.3 sec.
0-60 mph (0-100 km/h)			8.4 sec.
1/4 mile			16.6 sec.
Top speed	Top speed is electronically limited at 130 MPH (208 km/h)		
<b>FUEL ECONOMY: EPA estimate</b>			
		<b>Tiptronic quattro</b>	
City			18 mpg
Highway			25 mpg
Combined			20 mpg
<b>FUEL ECONOMY: Canadian Estimate</b>			
		<b>Tiptronic quattro</b>	
City			12.8 liters/100km
Highway			8.4 liters/100km