

2006 Audi A4 Cabriolet
1.8T Technical Specifications



Technical Specifications		2006 Audi A4 1.8T Cabriolet	
ENGINE:			
Type	Inline 4-cylinder with exhaust gas turbocharger and charge-air intercooling, DOHC		
Arrangement	Front mounted, longitudinal		
Bore	3.18 in.	81 mm	
Stroke	3.40 in.	86.4 mm	
Displacement	109 cu. in.	1781 cc	
Compression ratio	9.3:1		
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance		
Horsepower (SAE)	170 hp	@ 5900 rpm	
Max. Torque	166 lbs. ft.	@ 1950 - 5000 rpm	
ENGINE DESIGN:			
Cylinder block	Cast iron		
Crankshaft	Forged steel, 4 main bearings		
Cylinder head	Aluminum alloy		
Valve train / intake	Intake camshaft adjustment, DOHC belt driven, hydraulic lifters		
Firing order	1 - 3 - 4 - 2		
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, 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, adaptive knock control, air-mass measurement, integrated boost pressure control		
Emission system	Dual 3-way catalytic converters w/individual oxygen sensors		
ELECTRICAL SYSTEM:			
Battery	12 volts	80 amp/hr	
Alternator	14 volts	120 amp	
DRIVETRAIN:			
Transmissions	• Audi multitronic® Continuously Variable Transmission (CVT)		
Type	Front Wheel Drive		
	multitronic®		
Gear ratios: 1st	2.400:1		
2nd	-		
3rd	-		
4th	-		
5th	-		
Final Drive	4.778:1		
Front Differential	Hypoid gear, electronically locking (EDL)		
STEERING:			
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	
SUSPENSION:			
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)		
BRAKES:			
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	11.3 in.	288x25 mm	- Ventilated disc / FN3 - 57
Rear, size and type	9.6 in.	245x10 mm	- Solid disc / C38 HR
Parking brake	Mechanically actuated at the rear wheels		

2006 Audi A4 Cabriolet
1.8T Technical Specifications



Technical Specifications (continued)		2006 Audi A4 1.8 T Cabriolet	
CABRIOLET TOP: Minimum necessary clearance for opening the convertible top is 85 inches / 7 ft. 1 inch.			
WHEELS:			
		Standard 17" (CA5)	Optional 18" S line (CH9)
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
TIRES:			
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
BODY:			
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)		
CAPACITIES:			
Engine oil	4.2 qt.	4 liter	
Fuel tank	18.5 gal.	70 liter	
Cooling system	6.9 qt.	6.5 liter	
EXTERIOR DIMENSIONS:			
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:	3682 lbs.	1670 kg	
Distribution: % front / rear	54 / 46		
Drag coefficient	Cw = 0.31 Frontal Area = 2.11 sq.m.		
INTERIOR DIMENSIONS (SAE measurements):			
Seating Capacity	4		
EPA class			
Head room front / rear	37.95 in.	964 mm	/ 36.3 in. 922 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.		
PERFORMANCE:			
	multitronic®		
0-50 mph (0-80kmh)	6.1 sec.		
0-60 mph (0-100 km/h)	8.4 sec.		
1/4 mile	16.5 sec.		
Top speed	Top speed is electronically limited at 130 MPH (208 km/h)		
FUEL ECONOMY: EPA estimate			
	multitronic®		
City	23 mpg		
Highway	30 mpg		
Combined	26 mpg		
FUEL ECONOMY: Canadian Estimate			
	multitronic®		
City	10.2 liters/100km		
Highway	7.2 liters/100km		