

**2007 Audi A4 Cabriolet
2.0T Technical Specifications**



Technical Specifications		2007 Audi A4 2.0T Cabriolet	
ENGINE:			
Type	Inline 4-cylinder, spark ignition engine with gasoline direct injection, exhaust gas turbocharger with intercooler, variable intake manifold, 4 valves per cylinder, DOHC		
Arrangement	Front mounted, longitudinal		
Bore	3.25 in.	82.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	121.07 cu. in.	1984 cc	
Compression ratio	10.5:1		
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance		
Horsepower (SAE)	200 hp	100-6000	rpm
Max. Torque	207 lbs. ft.	@ 1800-5000	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 /FSI Direct Injection	<p>Fuel is injected via a common rail system supplied by a demand-controlled, high pressure pump. The fuel is injected directly into the combustion chamber via an injector positioned to one side between the inlet valves.</p> <p>The fuel-air mixture is distributed purely homogeneously within the combustion chamber. This provides a distinctive characteristic placing the emphasis on high performance and agile responsiveness at all engine speeds.</p> <p>The four-valve cylinder head with low-friction roller cam gollower drive has a modified inlet duct geometry that produces even higher tumble values than the naturally-aspirated FSI engine. This results not only in greater refinement, but also in superior knock resistance and therefore efficiency.</p>		
Emission system	Dual, 3-way catalytic converters with individual oxygen sensors		
ELECTRICAL SYSTEM:			
Battery	12 volts	80 amp/hr	
Alternator	14 volts	120 amp	
DRIVETRAIN:			
Transmissions	<ul style="list-style-type: none"> Audi multitronic[®] Continuously Variable Transmission (CVT) 6-speed Tiptronic[®] automatic transmission (quattro[®]) 		
Type	Front Wheel Drive	quattro[®]	
	Multitronic[®]	6-speed Tiptronic automatic	
Gear ratios: 1st	2.378:1	4.171:1	
2nd	1.510:1	2.340:1	
3rd	1.080:1	1.521:1	
4th	0.840:1	1.143:1	
5th	0.670:1	0.867:1	
6th	0.544:1	0.691:1	
Final Drive	0.381:1	3.539:1	
Front Differential	Hypoid gear, electronically locking (EDL)		
Center Differential	TORSEN [®] (TORque SENsing) differential providing automatic and variable front to rear power proportioning		
Rear Differential	Hypoid gear, electronically locking (EDL)		
STEERING:			
Type	Maintenance-free rack-and-pinion steering with Servotronic electronic 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 front suspension, upper and lower wishbones, tubular anti-roll bar		
Rear (FrontTrak)	Independent wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar		
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) upgraded version 8.0 with brake disc wiping feature; tandem brake booster		
Front, size and type	12.6 in.	320x30 mm	Ventilated disc/Conti Teves FNRG-60
Rear, size and type	11.3 in.	288x12 mm	- Solid disc / TRW C11-41
Parking brake	Mechanically actuated at the rear wheels		

**2007 Audi A4 Cabriolet
2.0T Technical Specifications**



Technical Specifications (continued)		2007 Audi A4 2.0T Cabriolet	
CABRIOLET TOP: Minimum necessary clearance for opening the convertible top is 85 inches / 7 ft. 1 inch.			
WHEELS:	Standard 16" (C5V)	Optional 17" (C8F)	S line 18" (CH9)
Size	7Jx16"	7.5J x 17	8J x 18
Offset	42mm	45 mm	43 mm
Weight	n/a	n/a	n/a
Type	Cast alloy 7 spoke	Cast alloy 5 double-spoke	Cast alloy 5-arm quattro GmbH
TIRES:			
Size	225/55 R 16	235/45 R 17	235/40 R 18
Speed rating	H (all-season)	H (all season)	Y (high performance or all-season)
Construction	Radial	Radial	Radial
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:	Front Wheel Drive	quattro®	
Engine oil	6.3 qt. 6 liter	6.3 qt	6 liters
Fuel tank	18.5 gal. 70 liter	16.6 gal	63 liters
Cooling system	9.5 qt. 9 liter	9.5 qt	9 liters
EXTERIOR DIMENSIONS:	Front Wheel Drive	quattro®	
Wheelbase	104.3 in. 2648 mm		
Track: front / rear	60 in. 1522 mm /	59.8 in.	1518 mm
Overall length	180 in. 4573 mm		
Overall width / with mirrors	70 in. 1772 mm /	75.2 in.	1911 mm
Height (unloaded)	54.8 in. 1391 mm		
Ground clearance (loaded)	4 in. 102 mm		
Curb weight:	3759 lbs. 1705 kg	3935 lbs.	1785 kg
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 based on sedan
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 cu.ft incl. trunk volume)
Luggage Capacity	10.2 cu. ft.		
PERFORMANCE:			
	multitronic®	quattro®	
0-50 mph (0-80kmh)	5.3 sec.	5.7 sec.	
0-60 mph (0-100 km/h)	7.5 sec.	7.7 sec.	
Top speed	Top speed is electronically limited at 130 MPH (208 km/h)		
FUEL ECONOMY: EPA estimate			
	multitronic®	quattro®	
City	24 mpg	19 mpg	
Highway	32 mpg	27 mpg	
Combined	27 mpg	22 mpg	
FUEL ECONOMY: Canadian Estimate			
	multitronic®	quattro®	
City	9.8 liters/100km	10.8 liters/100 km	
Highway	6.7 liters/100km	7.2 liters/100 km	



2007 A4 Cabriolet
3.2 FSI Technical Specifications



Technical Specifications		2007 Audi A4 3.2 FSI Cabriolet	
ENGINE:			
Type	Aluminum V6 spark-ignition engine with gasoline direct injection, DOHC, two-stage variable intake manifold with two charge movement flaps, demand-controlled, high pressure and low pressure fuel system.		
Arrangement	Front mounted, longitudinal		
Bore	3.33 in.	84.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	190.565 cu. in.	3123 cc	
Compression ratio	12.5 : 1		
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance		
Horsepower (SAE)	255 hp	@ 6500 rpm	
Torque	243 lbs. ft.	@ 3250 rpm	
ENGINE DESIGN:			
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		
Cooling system	Water-cooled, thermostatically controlled radiator fan		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection /FSI Direct Injection	<p>-A common rail high-pressure injection system with a newly developed single-piston high-pressure pump operating on demand ensures exactly the right amount of fuel, delivering precisely the volume required for building up operating pressure between 30 and 110 bar.</p> <p>-The intake tract, also comprising the two-stage variable intake manifold, moving charge-movement flaps provide the necessary tumble effect, swirling the induced air around depending on operating point. In order to achieve the high specific power and torque values, a new combustion process has been developed. This has the potential for worldwide application and for operation on the fuel grade RON 95/91. Together with the optimum geometry of the combustion chambers and the dosage of fuel injected with supreme accuracy down to the last millisecond, this allows a significant increase in compression:</p> <p>-While conventional production engines generally have a compression ratio of now more than 10.5 : 1, the compression ratio on Audi's 3.2 FSI power unit is 12.5 : 1 - a record on production cars and the essential prerequisite for the new engine's high standard of efficiency.</p>		
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 Tiptronic® 6-speed automatic transmission		
Type	quattro® Automatic 6-speed Tiptronic®		
Gear ratios:	1st	4.171:1	
	2nd	2.340:1	
	3rd	1.521:1	
	4th	1.143:1	
	5th	0.867:1	
	6th	0.691:1	
	Final Drive	3.539:1	
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)		
STEERING:			
Type	Maintenance-free rack-and-pinion steering with Servotronic electronic 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 front suspension, upper and lower wishbones, tubular anti-roll bar		
Rear (FrontTrak)	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar		
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) upgraded version 8.0 with brake disc wiping feature; tandem brake booster		
Front, size and type	12.6 in.	320X30 mm	- Ventilated disc / Conti-Teves FNRG-60
Rear, size and type	11.3 in.	288X12 mm	- Solid disc / TRW C11-41
Parking brake	Mechanically actuated at the rear wheels		

2007 A4 Cabriolet
3.2 FSI Technical Specifications



Technical Specifications (continued)		2007 Audi A4 3.2 FSI Cabriolet	
CABRIOLET TOP: Minimum necessary clearance for opening the convertible top is 85 inches / 7 ft. 1 inch.			
WHEELS:		Standard 17" (CV5)	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 5-double-spoke	Cast alloy 5-arm quattro GmbH
TIRES:			
Size		235/45 R17	235 / 40
Speed rating		H (all season)	Y (high performance or all-season)
Construction		Radial	Radial
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:		quattro	
Engine oil	6.3 qt.	5.5 liter	
Fuel tank	16.6 gal.	66 liter	
Cooling system	9.5 qt.	9 liter	
EXTERIOR DIMENSIONS:		quattro	
Wheelbase	104.3 in.	2648 mm	
Track: front / rear	60 in.	1522 mm / 59.8 in.	1518 mm
Overall length	180 in.	4573 mm	
Overall width / with mirrors	70 in.	1772 mm / 75.2 in.	1911 mm
Height (unloaded)	54.8 in.	1391 mm	
Ground clearance (loaded)	4 in.	102 mm	
Curb weight:	1850 kg	4079 lb.	
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:			
0-50 mph (0-80kmh)		Tiptronic quattro	
0-60 mph (0-100 km/h)		5.1 sec.	
		6.9 sec.	
Top speed	Top speed is electronically limited at 130 MPH (208 km/h)		
FUEL ECONOMY:		EPA estimate	
		Tiptronic quattro	
City			19 mpg
Highway			27 mpg
Combined			22 mpg
FUEL ECONOMY:		Canadian Estimate	
		Tiptronic quattro	
City			12.5 liters/100km
Highway			8.1 liters/100km