

**2005 Audi A6 3.2 quattro Sedan**  
**Technical Specifications**



(Accurate at time of printing)

Technical Specifications		2005 Audi A6 3.2 quattro Sedan	
<b>ENGINE:</b>			
Type	V6 spark ignition, direct injection		
Arrangement	Front mounted, longitudinal		
Bore	3.33 in.	84.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	191 cu. in.	3123 cc	
Compression ratio	12.5 : 1		
Fuel requirement	Regular Unleaded (87 AKI), Premium unleaded (91 AKI) recommended for maximum performance		
Horsepower (SAE)	255 hp	@ 6500 rpm	
Max. Torque	243 lbs. ft.	@ 3250 rpm	
<b>ENGINE DESIGN:</b>			
Cylinder block	Aluminum alloy		
Crankshaft	Aluminum alloy		
Cylinder head	Aluminum alloy		
Valve train / intake	DOHC, chain driven, continuous camshaft adjustment for the intake and exhaust valves		
Firing order	1-4-3-6-2-5		
Cooling system	Water-cooled, thermostatically controlled radiator fan		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection / Ignition system	Fully electronic management with drive-by-wire throttle control, petrol direct injection, cylinder selective lambda control; mapped ignition with solid-state high-voltage distribution manifold-pressure controlled system		
Emission system	Two close-coupled ceramic main catalytic converters		
<b>ELECTRICAL SYSTEM:</b>			
Battery	12 volts	95 amp/hr	
Alternator	14 volts	180 amp	
<b>DRIVETRAIN:</b>			
Transmission	Six-speed automatic with Tiptronic®, Dynamic Shift Program(DSP), automatic shift lock and new "Sport-mode" setting		
Type	<p style="text-align: center;"><b>quattro®</b></p> <p style="text-align: center;">Automatic</p>		
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	
	Reverse	3.403 : 1	
	Final Drive	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)		
<b>STEERING:</b>			
Type	vehicle speed-sensitive power rack and pinion		
Ratio	16.1:1		
Turns (lock-to-lock)	2.74		
Turning circle (curb-to-curb)	39.0 ft.	11.9 m	
<b>SUSPENSION:</b>			
Front	Four-link, anti roll bar, twin-tube-gas-filled shock absorbers		
Rear (quattro®)	Trapezoidal-link, twin tube gas-filled shock absorbers		
<b>BRAKES:</b>			
Service brake	Electronic stability program (ESP 8) with anti-lock brake, electronic rear brake pressure proportioning, vacuum power assist, asbestos free linings, dual diagonal circuits		
Front, size and type	12.64 in.	321 mm	- Ventilated disc 30 mm thick
Rear, size and type	11.89 in.	302 mm	- Solid disc 12 mm thick
Parking brake	Electro-mechanical parking brake rear, operated by switch on console pull on / push off		

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Technical Specifications (continued)		2005 Audi A6 3.2 Sedan			
<b>WHEELS:</b>					
Size	7.5J x 16, cast alloy, 7-spoke design				
	7.5J x 17, cast alloy, 9-spoke star design				(optional)
	8J x 18, cast alloy, seven arm design				(optional)
<b>TIRES:</b>					
Size	225 / 55 R16 all-season				
	245 / 45 R17 all season				(optional)
	245 / 40 R18 all season or high performance				(optional)
<b>BODY:</b>					
Material	Unitary steel body, fully galvanized, aluminum hood and fenders				
Corrosion protection	Multi-step anti-corrosion protection				
<b>CAPACITIES:</b>					
Engine oil	8.6 qt.	8.1 liter			
Fuel tank	21.1 gal.	80 liter			
Cooling system (incl. Heating)	10.1 qt.	9.6 liter			
<b>EXTERIOR DIMENSIONS:</b>					
	<b>quattro®</b>				
Wheelbase	111.9 in.	2843 mm			
Track: front / rear	63.5 in.	1612 mm	/	63.7 in.	1618 mm
Overall length	193.5 in.	4916 mm			
Overall width	79.2 in.	2012 mm	(with outside mirrors folded=71.3" or 1855 mm)		
Height (unloaded)	57.5 in.	1459 mm			
Ground clearance (loaded)	4.6 in.	118 mm			
Curb weight automatic	3957 lbs.	1795 kg			
Distribution % front / rear	56.5/43.5				
<b>INTERIOR DIMENSIONS:</b>					
Seating Capacity	5				
EPA class	Mid-size				
Head room front / rear	38.66 in.	982 mm	/	37.76 in.	959 mm
w/sunroof front / rear	37.48 in.	952 mm	/	37.8 in.	960 mm
Shoulder room front / rear	57.09 in.	1450 mm	/	55.94 in.	1421 mm
Leg room front / rear	36.9 in.	938 mm	/	41.3 in.	1050 mm
Int. vol. (EPA) front / rear	52.8 cu. ft.	/		45.14 cu. ft.	(with sunroof) 51.19 cu. ft. 45.19 cu.ft.
Luggage capacity (EPA)	15.9 cu. ft. (quattro)				
<b>PERFORMANCE:</b>					
	<b>quattro®</b>				
0-50 mph (0-80kmh)	4.9 sec.				
0-60 mph (0-100 kmh)	7.1 sec.				
1/4 mile	15.4 sec.				
Top speed	Top speed is electronically limited to 130 mph (209 kmh) for North America				
<b>FUEL ECONOMY:</b>					
	EPA Estimate				
	Automatic				
City	n/a mpg				
Highway	n/a mpg				
Combined	n/a mpg				
<b>FUEL ECONOMY:</b>					
	Canadian Estimate				
	Automatic				
City	n/a l/100km				
Highway	n/a l/100km				
Combined	n/a l/100km				