

Technical Specifications	2006 Audi A6 4.2 Sedan		
ENGINE:			
Type	V8 spark-ignition, two-stage variable intake manifold		
Arrangement	Front mounted, longitudinal		
Bore	3.33 in.	84.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	254.04 cu. in.	4163 cc	
Compression ratio	11.0:1		
Fuel requirement	Premium unleaded (91 AKI), Premium unleaded Plus (95 AKI) recommended for maximum performance		
Horsepower (SAE)	335 hp	@	6600 rpm
Max. Torque	310 lbs. ft.	@	3500 rpm
ENGINE DESIGN:			
Cylinder block	Aluminum alloy		
Crankshaft	Forged Steel		
Cylinder head	Aluminum alloy		
Valve train / intake	Two-stage variable intake manifold, DOHC intake camshaft with continuous adjustment/ 5 valves per cylinder		
Firing order	1-5-4-8-6-3-7-2		
Cooling system	Water-cooled, thermostatically controlled radiator fans		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection / Ignition system	fully electronic sequential injection, coordinated torque control, hot film air mass measurement, drive-by-wire throttle control, mapped ignition with solid-state high voltage distribution, adaptive lambda control		
Emission system	Two close-coupled ceramic main catalytic converters, lambda control, secondary air system		
ELECTRICAL SYSTEM:			
Battery	12 volts	110 amp/hr	
Alternator	14 volts	190 amp	
DRIVETRAIN:			
Transmission	Six-speed automatic with Tiptronic®, Dynamic Shift Program, automatic shift lock and new "Sport-mode" setting		
Type	quattro® Automatic		
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	3.309 : 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	vehicle speed-sensing power rack and pinion		
Ratio	14.6 : 1		
Turns (lock-to-lock)	2.49		
Turning circle (curb-to-curb)	39 ft.	11.9 m	
SUSPENSION:			
Front	Four-link suspension, anti-roll bar, twintube gas-filled shock absorbers		
Rear	Trapezoidal-link, twin tube gas-filled shock absorbers		
BRAKES:			
Service brake	Electronic stability program (ESP®) with anti-lock brake, electronic rear brake pressure proportioning, vacuum power assist, asbestos free linings, dual diagonal circuits		
Front, size and type	13.66 in.	347 mm	- Ventilated disc 30 mm thick
Rear, size and type	12.99 in.	330 mm	- Ventilated disc 22 mm thick
Parking brake	Electro-mechanical parking brake rear, operated by switch on console pull on / push off		

Technical Specifications (continued)
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WHEELS:	
Size	7.5J x 17, cast alloy, 16-spoke design
	8J x 18, cast alloy, 7-arm design highly polished (Optional)
	8J x 18, cast alloy, 5-arm design, quattro GmbH S line package (optional)
TIRES:	
Size	245 / 45 R17 all season
	245 / 40 R18 all season or high performance (optional)
BODY:	
Material	Unitary steel body, fully galvanized, aluminum hood and fenders
Corrosion protection	Multi-step anti-corrosion protection
CAPACITIES:	
Engine oil	9.3 qt. 8.8 liter
Fuel tank	21.1 gal. 80 liter
Cooling system	12.6 qt. 12 liter
Oil capacity is listed is fluid capacity (from aesis).	
EXTERIOR DIMENSIONS:	
	quattro®
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 = 73" or 1855mm)
Height (unloaded)	57.4 in. 1459 mm
Ground clearance (loaded)	4.6 in. 118 mm
Curb weight automatic	4145 lbs. 1880 kg
Distribution % front / rear	57.7/42.3
INTERIOR DIMENSIONS:	
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	41.3 in. 1050 mm / 36.9 in. 938 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)
PERFORMANCE:	
	quattro®
	Automatic
0-50 mph (0-80kmh)	4.6 sec.
0-60 mph (0-100 kmh)	6.0 sec.
1/4 mile	14.5 sec.
Top speed	Top speed is electronically limited to 130 mph (209 kmh) for North America
FUEL ECONOMY:	
	EPA estimate
	Automatic
City	17 mpg
Highway	23 mpg
Combined	20 mpg
FUEL ECONOMY:	
	Canadian estimate
	Automatic
City	13.6 l/100km
Highway	9.3 l/100km
Combined	n/a l/100km