

Technical Specifications	2002 Audi A6 4.2
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ENGINE:			
Type	DOHC aluminum alloy 90 degree V8, LEV exhaust standard		
Arrangement	Front mounted, longitudinal		
Bore	3.32 in.	84.5 mm	
Stroke	3.66 in.	93.0 mm	
Displacement	255 cu. in.	4172 cc	
Compression ratio			
Fuel requirement	Premium unleaded (91 AKI) recommended for maximum performance		
Horsepower (SAE)	300 hp	@ 6200	rpm
Max. Torque	295 lbs. ft.	@ 3000 - 4000	rpm

ENGINE DESIGN:	
Cylinder block	Aluminum alloy
Crankshaft	Forged steel, 5 main bearings
Cylinder head	Aluminum alloy
Valve train / intake	DOHC, belt driven, hydraulic lifters, three path variable intake manifold, roller camshaft followers, variable intake camshaft timing
Firing order	1 - 5 - 4 - 8 - 6 - 3 - 7 - 2
Cooling system	Water-cooled, thermostatically controlled radiator fan
Lubrication system	Gear pump, pressurized, full flow with oil cooler
Fuel injection / Ignition system	ME 7.0 Motronic® with electronic multi-point sequential fuel injection, hot film air mass sensor, solid state direct ignition with multiple coils, dual knock sensors with cylinder selective knock control and fully adaptive controls, electronic throttle control
Emission system	Dual 3-way catalytic converters with individual (four) oxygen sensors

ELECTRICAL SYSTEM:		
Battery	12 volts	92 amp/hr
Alternator	14 volts	150 amp

DRIVETRAIN:			
Transmission	Electronically controlled five-speed automatic with Tiptronic®, Dynamic Shift Program (DSP) and hill detection capability, lock-up torque converter and automatic shift lock		
Type	quattro®		
Gear ratios:	1st	3.571 : 1	
	2nd	2.200 : 1	
	3rd	1.508 : 1	
	4th	1.000 : 1	
	5th	0.803 : 1	
	Reverse	4.095 : 1	
	Final Drive	2.727 : 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	Rack and pinion, Servotronic® - vehicle speed variable power assist		
Ratio	16.2 : 1		
Turns (lock-to-lock)	2.81		
Turning circle (curb-to-curb)	38.3 ft.	11.68 m	

SUSPENSION:	
Front	Four link with upper and lower control arms, stabilizer bar, coil spring, shock absorber struts (gas charged)
Rear (quattro®)	Double control arm (upper and lower), stabilizer bar, coil springs, shock absorber (gas charged)

BRAKES:			
Service brake	Diagonally split dual circuits, ABS/EBV, brake servo. At front, ventilated discs and high-performance 4-pad HP2 high-performance brakes, at rear, ventilated disc brakes		
Front, size and type	12.6 in.	321 mm	- Ventilated disc 321 x 30 mm
Rear, size and type	10.1 in.	256 mm	- Ventilated disc 256 x 22 mm
Parking brake	Mechanically actuated at the rear wheels		

WHEELS:

Size	8J x 16, 6-spoke alloy wheel (standard)
	8J x 17, 8-spoke cast alloy wheel (optional)
	8J x 17, 5-spoke forged alloy wheel (optional in the Sport Package or as stand-alone option)

TIRES:

Size	235/50 R 16 95 H all-season; 255/40 ZR 17 performance tire;
	255/40 ZR 17 performance tire

BODY:

Material	Fully galvanized (both sides) steel, aluminum front hood and front fender
Corrosion protection	Multi-step anti-corrosion protection

CAPACITIES:

Engine oil	8.0 qt.	7.5 liter
Fuel tank	21.7 gal.	82.0 liter
Cooling system	11.6 qt.	11.0 liter

EXTERIOR DIMENSIONS:

		quattro®			
Wheelbase		108.6 in.	2759 mm		
Track:	front / rear	62.1 in.	1578 mm	/	62.6 in. 1590 mm
Overall length		193.4 in.	4913 mm		
Overall width (with mirrors)		76.1 in.	1932 mm		
Height (unloaded)		57.0 in.	1448 mm		
Ground clearance (loaded)		4.8 in.	123 mm		
Curb weight	auto.	4024 lbs.	1825 kg		
Distribution	% front / rear	60 / 40			

INTERIOR DIMENSIONS:

Seating Capacity	5				
EPA class	Mid-size				
Head room	front / rear	39.3 in.	998 mm	/	37.9 in. 963 mm
w/sunroof	front / rear	38.5 in.	980 mm	/	37.6 in. 956 mm
Shoulder room	front / rear	56.2 in.	1427 mm	/	55.7 in. 1415 mm
Leg room	front / rear	41.3 in.	1049 mm	/	37.3 in. 948 mm
Int. vol. (EPA)	front / rear	52.7 cu. ft.		/	45.6 cu. ft. (with sunroof) 50.4 cu. ft. / 45.5 cu.ft.
Luggage capacity (EPA)		15.4 cu. ft.			

PERFORMANCE:

		Automatic			
0-50 mph (0-80kmh)		5.0 sec.			
0-60 mph (0-100 km/h)		6.7 sec.			
1/4 mile		15.0 sec.			
Top speed		Top speed is electronically limited to 130 mph (209 km/h) for North America			

FUEL ECONOMY:

		EPA Estimate			
		Automatic			
City		17.0 mpg			
Highway		25.0 mpg			
Combined		20.0 mpg			

FUEL ECONOMY:

		Canadian Estimate			
		Automatic			
City		13.8 l/100km			
Highway		8.7 l/100km			

2002 Audi A6 4.2 Equipment

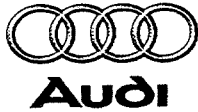


Legend x = Standard O = Optional P = Package		A6 4.2 Sedan
Technical		
<ul style="list-style-type: none"> • 4.2 liter DOHC aluminum alloy 300 hp 90 degree V8 engine, 5-valves per cylinder, variable intake magnesium manifold with 3 intake paths, direct ignition system, roller camshaft followers, variable intake camshaft timing • 5-speed HP-24 automatic transmission with Tiptronic® and DSP (selects from over 200 shift programs to match driver needs), hill detection capability and new "Sport-mode" setting • ESP 5.7 - Electronic Stabilization Program with break assist • quattro® IV - permanent all-wheel drive system with Torsen® torque sensing center differential • Anti-lock brake system (ABS 5.3) with front and rear Electronic Differential Locks (EDL) and electronic rear brake pressure regulation • CFC-free (ChloroFlouroCarbon) air conditioning refrigerant • Fully galvanized steel unibody construction with aluminum hood and front fenders • Audi Navigation System 	 x x x x x x x O	
Wheels / Tires / Suspension / Steering		
<ul style="list-style-type: none"> • 8J x 16 inch 6-spoke cast alloy wheels (ET 35 mm) with 235/50 all-season tires • 8J x 17 inch 8-spoke cast alloy wheels (ET 35 mm) with 255/40 performance tires • 8J x 17 inch 5-spoke cast alloy wheels (ET 45 mm) with 255/40 performance tires • Sport suspension with: <ul style="list-style-type: none"> - body lowered 20mm - shocks with 40% increased compression damping - 30% stiffer spring rate - thicker stabilizer bar • HP2 4-pad front brakes, high-performance • Full size spare tire with alloy wheel • Four-link front suspension • Double A-arm rear suspension • Servotronic® - vehicle speed-sensitive power rack & pinion steering • Leather covered 4-spoke multifunctional steering wheel with audio controls and Tiptronic® • Electrically adjustable tilt and telescopic steering column with automatic tilt-away for ease of entry and exit • Heated steering wheel 	 x O P / O P x x x x x x x x P	
Exterior		
<ul style="list-style-type: none"> • 5 MPH (Federal standard) bumpers, painted in body color • Bumper covers contoured to be flush with body surface and profile • Protective side moldings, painted in body color • Body color, flush door handles • Bright trim around side windows and lower trunk lid • Body color outside mirrors; left side flat, right side convex • Heatable windshield washer nozzles • Metallic or pear effect paint at no extra charge • Aluminum door sill strips with "Audi" script • Visible dual exhaust • Powerglass slide/tilt sunroof with sunshade • Solar sunroof • Nomenclature: <ul style="list-style-type: none"> - A6 on rear deck lid - left - 4.2 on rear deck lid - right - Four rings on center of rear deck lid & front grille - 80 mm "quattro" badge on: <ul style="list-style-type: none"> rear deck lid - right front grille - right dashboard belt line trim - right 	 x x x x x x x x x x P x x x x	

2002 Audi A6 4.2 Option Program



Legend	A6 4.2 Sedan
x = Included in package O = Optional - = Not available	
Options	
• Sport package	O
- 17 inch 5-spoke forged alloy wheel with 255 / 40 R 17 with performance tires	x
- Front sport seats	x
- Sport suspension (body lowered 20mm; spring rate 30% stiffer; shock absorber 40% more compression damping; increased diameter stabilizer bar)	x
• Premium Package	O
- Heated front and rear seats	x
- Heated steering wheel	x
- Xenon high intensity, low and high beam headlights	x
- Rear Parktronic™	x
• Warm Weather Package	O
- Solar sunroof	x
- Power rear window sunshade with manual rear side window sunshades	x
Separate Options	
• Rear side airbags	O
• Audi Navigation System	O
• 17 inch 5-spoke forged alloy wheel with 255/40 R 17 performance tires	O
• 17 inch 8-spoke alloy wheel with 255/40 R 17 performance tires **	O
• Pearlescent white	O
• Motorola® digital/portable phone with voice control (in combination with OnStar) *	O
• OnStar telematics hardware with 1 year service and phone preparation *	O
* delayed introduction	
** not available with sport package	
Warranty Information for all models	
United States / Canada	
<ul style="list-style-type: none"> • 4-year/50,000 mile new vehicle limited warranty / 4-year/80,000 km new vehicle limited warranty • 4-year/50,000 mile no-charge scheduled maintenance / 4-year/80,000 km no-charge scheduled maintenance • 12-year limited warranty against corrosion perforation • 24-hour Roadside Assistance for 4 years 	
<p>"quattro" is a registered trademark of Audi AG "multitronic" is a registered trademark of Audi AG "Tiptronic" is a registered trademark of Dr. Ing. h. c. F. Porsche AG. "Torsen" is a registered trademark of Zexel-Gleason USA, Inc. "Servotronic" is a registered trademark of the AM General Corporation. "Motorola" is a registered trademark of Motorola, Inc. "HomeLink" is a registered trademark of Prince Corporation, Holland, Michigan. "Bose" is a registered trademark of the Bose Corporation. Covered by patent rights issued and/or pending. "Parktronic" is registered trademark of Audi AG "FrontTrak" is a registered trademark of Audi AG "OnStar" is a registered trademark of OnStar, Corp.</p>	



Audi of America, Inc.
Effective: 1-September-01

2002 Audi A6 4.2

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
4B451Z	A6 4.2	Sedan	5-Spd Automatic Tip.	quattro	\$ 49,650
					<u>4.2</u>
		Leather Upholstery		S	NC
D4D4	Pearlescent White Paint			O	1,200
PPX	<u>Premium Package</u> <i>Heated Front and Rear Seats</i> <i>Heated Steering Wheel</i> <i>Xenon High Intensity Discharge Headlights (High & Low Beams)</i> <i>Rear Parktronic®</i>			O	850
PPS	<u>Sport Package</u> <i>Sport Suspension</i> <i>Sport Front Seats</i> <i>17" 5-Spoke Forged Alloy Wheels</i> <i>Performance 255/40 Tires</i>			O	1,750
PWX	<u>Warm Weather Package</u> <i>Sunroof Solar Panel (Replaces Glass Panel)</i> <i>Manual Rear Side Window Sunshades</i> <i>Power Rear Window Sunshade</i>			O	1,000
7Q9	Audi Navigation System (Includes Map CD's)			O	1,350
4X4	Rear Side Airbags			O	350
PRE	17" Cast Alloy Wheels w/Performance Tires			O	750
PRK	17" 5-Spoke Forged Alloy Wheels w/Performance Tires			O	1,000
0LM	California Emissions Requirements			O	NC
1QE	Northeast Trading Region Emissions Req.			O	NC

Key:

O = Optional
S = Standard

NA = Not Available
NC = No Charge

Specifications, equipment, options and prices are subject to change without notice. Some items may be unavailable when the vehicle is built. Prices exclude destination charges, registration and dealer delivery charges.

Intro 2002 MY Prices