

Technical Specifications		2002 Audi A6 3.0 Avant	
ENGINE:			
Type	V6, 90 degree, DOHC, gasoline		
Arrangement	Front mounted, longitudinal		
Bore	3.25 in.	82.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	181.61 cu. in.	2976 cc	
Compression ratio	(10.5 - 0.4) : 1		
Fuel requirement	Premium unleaded (91 AKI) recommended for maximum performance		
Horsepower (SAE)	220 hp	@	6300 rpm
Max. Torque	221 lbs. ft.	@	3200 rpm
ENGINE DESIGN:			
Cylinder block	Aluminum		
Crankshaft	Forged steel, 4 main bearings		
Cylinder head	Aluminum alloy		
Valve train / intake	DOHC, belt driven, hydraulic lifters / variable intake valve timing and variable geometry composite intake manifold		
Firing order	1 - 4 - 3 - 6 - 2 - 5		
Cooling system	Water-cooled, visco clutch and thermostatically controlled radiator fans		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection / Ignition system	Electronic multi-point sequential fuel injection, hot wire air mass sensor, solid state distributor-less ignition with multiple coils, dual knock sensors with cylinder selective knock control, and fully adaptive ME 7.0 Motronic® engine management with electronic throttle control		
Emission system	Dual 3-way catalytic converters with four oxygen sensors		
ELECTRICAL SYSTEM:			
Battery	12 volts	70 amp/hr	
Alternator	14 volts	120 amp	
DRIVETRAIN:			
Transmission	Five-speed automatic with Tiptronic®, Dynamic Shift Program, automatic shift lock and new "Sport-mode" setting		
Type	quattro® Automatic		
Gear ratios:	1st	3.665 : 1	
	2nd	1.999 : 1	
	3rd	1.407 : 1	
	4th	1.000 : 1	
	5th	0.742 : 1	
	Reverse	4.096 : 1	
	Final Drive	3.730 : 1	
Front Differential	Hypoid gear, electronically locking (EDL)		
Center Differential	TORSEN® (TORque SENsing) differential providing automatic and variable front and 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.	11.7 m	
SUSPENSION:			
Front	Four link, upper and lower control arms, stabilizer bar, coil spring/shock absorbers (gas charged)		
Rear	Double control arm (upper and lower), stabilizer bar, coil springs, shock absorbers (gas charged)		
BRAKES:			
Service brake	Anti-lock brake system (ABS 5.3), vacuum power assist, with asbestos free linings, dual diagonal circuits, and electronic rear brake pressure proportioning		
Front, size and type	11.34 in.	288 mm	- Ventilated disc 25 mm thick
Rear, size and type	9.64 in.	245 mm	- Solid disc 10 mm thick
Parking brake	Mechanically actuated at the rear wheels		

WHEELS:

Size	7J x 16, cast aluminum, five spoke design
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TIRES:

Size	205 / 55 R16 all-season
	215 / 55 R16 H speed rated all season radial

BODY:

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

CAPACITIES:

Engine oil	6.3 qt.	6 liter
Fuel tank	18.5 gal.	70 liter
Cooling system	6.3 qt.	6 liter

EXTERIOR DIMENSIONS:

		quattro®			
Wheelbase		108.6 in.	2759 mm		
Track:	front / rear	60.6 in.	1540 mm	/	61.8 in. 1569 mm
Overall length		192.0 in.	4878 mm		
Overall width		71.3 in.	1810 mm		(with outside mirrors folded)
Height (unloaded)		58.2 in.	1479 mm		(with roof rails)
Ground clearance (loaded)		4.2 in.	107 mm		
Curb weight	automatic	3924 lbs.	1780 kg		
Distribution %	front / rear	56 / 44			

INTERIOR DIMENSIONS:

Seating Capacity	5 (plus seating for 2 additional children optional)				
EPA class	Mid-size				
Head room	front / rear	39.3 in.	998 mm	/	38.7 in. 984 mm
	w/sunroof front / rear	37.6 in.	955 mm	/	38.4 in. 975 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.		/	46.6 cu. ft. (with sunroof) 50.6 cu. ft. / 46.2 cu.ft.
Luggage capacity (EPA)		36.4 cu. ft.		(with rear seat folded)	73.2 cu.ft.

PERFORMANCE:

		quattro®			
		Automatic			
0-50 mph (0-80kmh)		6.2 sec.			
0-60 mph (0-100 kmh)		8.1 sec.			
1/4 mile		16.3 sec.			
Top speed		Top speed is electronically limited to 130 mph (209 kmh) 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		13.5 l/100km			
Highway		8.5 l/100km			

**2002 Audi A6 3.0
Sedan and Avant Equipment**



Legend x = Standard O = Optional P = Package - = Not available	A6 3.0 Sedan	A6 3.0 Avant
Technical		
<ul style="list-style-type: none"> • 3.0 liter DOHC 5-valve 220hp/221lbs.ft. ULEV V6 aluminum engine with variable intake valve timing, intake manifold path and electronic throttle control, continuous camshaft adjustment and balance shaft • 5-speed automatic transmission with Tiptronic® and DSP (selects from over 200 shift programs to match driver needs), hill detection capability and new "Sport-mode" setting • FrontTrak® drive system with front wheel drive and ASR (Anti-Slip Regulation) system • Audi multitronic™ (Continuously Variable Transmission) with Tiptronic® • 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 Electronic Differential Lock (EDL) and electronic rear brake pressure regulation • CFC-free (ChloroFlouroCarbon) air conditioning refrigerant • Fully galvanized steel unibody construction with aluminum hood 	x x FrontTrak® FrontTrak® x quattro® x x x	x x - - x x x x x
Wheels / Tires / Suspension / Steering		
<ul style="list-style-type: none"> • 7J x 16-inch 5-spoke alloy wheels • 7J x 16-inch wineglass cast alloy wheels • Tire P215/55 R16 all-season for quattro® models • Tire P205/55 R16 all-season for CVT models • Four-link front suspension • Torsion beam trailing arm rear axle with under floor coil springs • Double A-arm rear suspension • Servotronic® - vehicle speed-sensitive power rack & pinion steering • Leather covered 4-spoke steering wheel in matching dashboard color • Tilt and telescopic (manual) adjustable steering column • Multifunctional steering wheel with audio controls 	x O quattro® FrontTrak® x FrontTrak® quattro® x x x x P	x O 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 paint at no extra charge • Roof rails with bright finish • Aluminum door sill strips with "Audi" script • Visible dual exhaust • Powerglass slide/tilt sunroof with sunshade • Nomenclature: <ul style="list-style-type: none"> - A6 on rear deck lid - left - 3.0 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 quattro® O x x x O	x x x x x x x x x x x O x x x x

**2002 Audi A6 3.0
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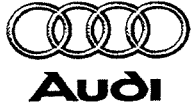


Legend x = Standard O = Optional P = Package - = Not available	A6 3.0 Sedan	A6 3.0 Avant
Seating		
<ul style="list-style-type: none"> • 12-way power front driver's and passenger seats with electric lumbar adjustment and lockable head restraints • 3 adjustable head restraints for rear seat • 1/3, 2/3 split folding rear seat with lockable seat backs • Lockable seat backs • Folding front center armrest with adjustable height • 3-position memory for driver and passenger seat (drivers side memory controls seats, mirrors, steering wheel position and climate control) • Front and rear heated seats 	x x x x x P O	x x x - x P O
Interior		
<ul style="list-style-type: none"> • Leather seat upholstery, including door panel inserts • Leather shift knob • Full length center console with: <ul style="list-style-type: none"> - forward storage area in front of shift selector / fold out cup holder - storage area under front center armrest - adjustable rear passenger air vents and rear power outlet • Two retractable front cup holders (one in dash and one in center console) (the cup holder in center console is not available with Audi Navigation System) • Retractable storage tray in left side of center dashboard console • Two retractable rear cup holders (located in rear center armrest) • Owners manual wallet (storage area) below steering column • Rear seat heater vents under front seats • Genuine wood inlays in instrument panel, center console, and door panel • Front and rear floor footwell mats • Four tie-down eyelets with cargo net in trunk • Tool kit located in left rear storage compartment in luggage area • Fold down rear center armrest • Auto dimming inside mirrors and dimming / folding outside rearview mirrors • Power outlet in rear cargo area • Retractable rear luggage area partition net (attached to rear 2/3 seat back) • Retractable / removable rear luggage cover • Retractable power rear window sunshade • Manual rear side window sunshades 	O x x x quattro® x x x x x x x x x x x x x x x x x x O O	O x x x x x x x x x x x x x x x x x x x x x x O O
Instrumentation and Electrical Equipment		
<ul style="list-style-type: none"> • Backlit instrument cluster with automatic brightness control with: <ul style="list-style-type: none"> - tachometer, electronic speedometer, digital clock with date, fuel gauge - temperature gauge, oil temperature gauge, voltmeter, white illumination with red pointers • Digital odometer with service interval indicator • Driver information display with: <ul style="list-style-type: none"> - outside temperature display plus 5-function trip computer - radio/telephone display - active Auto Check system with speed warning device - pictogram display for open door and deck lid • Anti-theft vehicle alarm system with blinking theft deterrent light and interior monitoring sensors with defeat switch in driver's side B-pillar • Windshield wipers with large sweep area and 4-position interval rates 	x x x x x	x x x x x

**2002 Audi A6 3.0
Option Program**



Legend	A6 3.0 Sedan	A6 3.0 Avant
x = Included in package O = Optional - = Not available		
Options		
• Premium Package	O	O
- Multi-function steering wheel with audio controls	x	x
- Rear Parktronic™	x	x
- Xenon high intensity, low and high beam headlights	x	x
• Convenience Package	O	O
- HomeLink® 3 channel remote transmitter located in driver's sunvisor	x	x
- Auto dimming interior mirrors with compass / Auto dimming and folding exterior mirror	x	x
- Seat memory for driver and passenger seats	x	x
Separate Options		
• Power rear window sunshade with manual rear side window sunshades	O	-
• Manual rear side sunshades (rear window sunshade is standard on Avant)	-	O
• Audi Navigation System	O	O
• Rear side airbags	O	O
• Sunroof	O	O
• Bose® 200 Watt Premium Sound System with subwoofer	O	O
• Front and rear heated seats	O	O
• 16 inch wineglass cast alloy wheel (with all season tires)	O	O
• Leather	O	O
• Rear facing child seat	-	O
• OnStar telematics hardware with 1 year service and phone preparation *	O	O
• Motorola® digital/portable phone with voice control (in combination with OnStar) *	O	O
* delayed introduction		
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/80,000km no-charge scheduled • 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 "Parktronic" is registered trademark of Audi AG "FrontTrak" is a registered trademark of Audi AG "OnStar" is a registered trademark of OnStar, Corp.</p>		



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

2002 Audi A6 Avant 3.0

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
4B552Z	A6	Wagon	5-Spd Automatic Tip.	quattro	\$ 38,350
				3.0	
		Cloth Upholstery		O	NC
		Leatherette Upholstery		O	NC
N1H		Leather Upholstery		O	1,550
D4D4		Pearlescent White Paint		O	1,200
PPD		<u>Convenience Package</u> <i>Auto-dimming Interior Mirror with Compass</i> <i>Auto-dimming and Electrically Folding Exterior Mirrors</i> <i>HomeLink® Remote Transmitter</i> <i>Memory for Front Seat Positions</i>		O	730
PCC		<u>Preferred Luxury Package</u> <i>Leather Upholstery</i> <i>Glass Sunroof (w/Power, Tilt, Slide, "PreSelect")</i>		O	1,800
PPX		<u>Premium Package</u> <i>Xenon High Intensity Discharge Headlights (High & Low Beams)</i> <i>Rear Parktronic®</i> <i>Multi-Function Steering Wheel</i>		O	1,200
7Q9		Audi Navigation System (Includes Map CD's)		O	1,350
3Y3		Manual Rear Side Sunshades		O	150
8RY		BOSE® Premium Sound system		O	750
C6P		16" Wine Glass Cast Alloy Wheels with All-Season Tires		O	100
4A4		Heated Front and Rear Seats		O	550
PKS		Rear Facing Removable Children's Bench Seat		O	750
3FE		Glass Sunroof (w/Power, Tilt, Slide, "PreSelect")		O	1,000
4X4		Rear Side Airbags		O	350
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