Technical Specifications	2002 Audi A6 4.2						
ENGINE:							
Туре	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)							
Max. Torque	295 lbs. ft. @ 3000 - 4000 rpm						
ENGINE DESIGN:	200 lbb. 1t. @ 0000 1000 lpm						
Cylinder block	Aluminum alloy						
Crankshaft	Forged steel, 5 main bearings						
Cylinder head	Aluminum alloy						
l '	DOHC, belt driven, hydraulic lifters, three path variable intake manifold, roller camshaft followers, variable intake camshaft timing						
Valve train / intake							
Firing order	1 - 5 - 4 - 8 - 6 - 3 - 7 - 2 Water-cooled, thermostatically controlled radiator fan						
Cooling system							
Lubrication system	Gear pump, pressurized, full flow with oil cooler						
Fuel injection /	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						
Ignition system							
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:	The state of the s						
Transmission	Electronically controlled five-speed automatic with Tiptronic®, Dynamic Shift Program (DSP) and hill detection capability,						
	lock-up torque converter and automatic shift lock						
Туре	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:							
Туре	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						

Technical Specifications	(continued) 2002 Audi A6 4.2					
WHEELS:						
Size	8J x 16, 6-spoke alloy wheel (standard)					
0.23	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:	John III, O oppose longer and June 1, the provider and pr					
	235/50 R 16 95 H all-season; 255/40 ZR 17 performance tire;					
Size	255/40 ZR 17 performance tire					
	253/40 ZK 17 periormance are					
BODY:	The state of the s					
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 - 1					
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	25.03 mpg					
l	20.0 mpg					
Combined						
FUEL ECONOMY:	Canadian Estimate					
0.11	Automatic Automatic					
City	13.8 1/100km					
Highway	8.7 1/100km					



Αυδι

Legend x = Standard	O = Optional P = Package	A6 4.2 Sedan
	Technical	
	minum alloy 300 hp 90 degree V8 engine, 5-valves per cylinder, variable intake magnesium ake paths, direct ignition system, roller camshaft followers, variable intake camshaft timing	x
• 5-speed HP-24 aut	tomatic transmission with Tiptronic® and DSP (selects from over 200 shift programs to match detection capability and new "Sport-mode" setting	x
ESP 5.7 - Electron	ic Stabilization Program with break assist	X
1 '	anent all-wheel drive system with Torsen® torque sensing center differential	X
 Anti-lock brake sys brake pressure reg 	stem (ABS 5.3) with front and rear Electronic Differential Locks (EDL) and electronic rear gulation	x
•	louroCarbon) air conditioning refrigerant	X
, , ,	eel unibody construction with aluminum hood and front fenders	X
 Audi Navigation Sy 	rstem r	0
	Wheels / Tires / Suspension / Steering	
• 8.1 x 16 inch 6-spo	ke cast alloy wheels (ET 35 mm) with 235/50 all-season tires	x
	ke cast alloy wheels (ET 35 mm) with 255/40 performance tires	0
1	ke cast alloy wheels (ET 45 mm) with 255/40 performance tires	P/O
Sport suspension v	with: - body lowered 20mm	Р
	- shocks with 40% increased compression damping	
	- 30% stiffer spring rate	
	- thicker stabilizer bar	
 HP2 4-pad front br 	akes, high-performance	x
 Full size spare tire 	with alloy wheel	x
 Four-link front susp 	pension	x
 Double A-arm rear 	·	x
	icle speed-sensitive power rack & pinion steering	x
	-spoke multifunctional steering wheel with audio controls and Tiptronic®	X
1	ble tilt and telescopic steering column with automatic tilt-away for ease of entry and exit	X
 Heated steering w 	neel	Р
	Exterior	
• 5 MPH (Federal st	andard) bumpers, painted in body color	x
Bumper covers cor	ntoured to be flush with body surface and profile	x
 Protective side mo 	ldings, painted in body color	x
 Body color, flush d 	oor handles	X
 Bright trim around 	side windows and lower trunk lid	x
 Body color outside 	mirrors; left side flat, right side convex	X
 Heatable windshie 	ld washer nozzles	x
 Metallic or pear eff 	ect paint at no extra charge	x
 Aluminum door sill 	strips with "Audi" script	x
 Visible dual exhau 		X
-	ilt sunroof with sunshade	X
 Solar sunroof 		Р
· ·	A6 on rear deck lid - left	X
	4.2 on rear deck lid - right	X
	Four rings on center of rear deck lid & front grille	X
- 8	30 mm "quattro" badge on:	X
	rear deck lid - right	
	front grille - right	
	dashboard belt line trim - right	



Aud

Legend	A6 4.2
x = Standard O = Optional P = Package	Sedan
Exterior Lighting	
Halogen headlights, 3-way lights, including integrated ellipsoid low beam	×
Xenon high intensity, low and high beam headlights	Р
Two front fog lights located in lower bumper (fog lights as daytime running lights for Canadian vehicles)	
Two rear fog lights	×
High pressure headlight washers, retractable, flush with bumper	×
Red tail-light lenses with amber lenses for turn signal	×
Puddle" lights in all four doors	×
• White side turn indicator lights in front fenders with amber shine-through bulbs	x
Interior Lighting	
Interior lights in front and rear headliner with fade-in and fade-out feature, time delay and automatic switch on	
when key is withdrawn from ignition	×
Front and rear reading lights located in headliner	×
Red ambient LED lighting in headliner for front center console illumination	x
Illumination for interior door release handles	x
Front and rear footwell lights	х
Illuminated glove box, trunk, lighter and ashtray	×
Comfort and Convenience	
Fully automatic dual zone climate control system with sun sensor and activated charcoal filter	x
Power windows with:	x
- power retention (until either front door is opened)	
- "one-touch down" and "one-touch up" for all four windows	
- "pinch protection" for all four windows (reverses window at force >100N)	
- driver controlled lock out switch for rear power windows	
Electronic cruise control with coast, resume and speed-up features	x
Large auto dimming/folding outside mirrors and auto dimming inside mirrors	×
Electrical adjustable outside mirrors with defog features	×
Electrical rear window defogger with automatic timed shut off feature	×
Power central locking system (doors, deck lid and fuel door), with selective unlocking (enables unlocking of a	×
single front door or all doors), plus:	
- convenient close feature for windows & sunroof (functions by holding key in lock position)	
- master switch located in driver's door	
- convenient open for windows (functions by holding key in unlock position)	
Radio frequency remote locking system with selective unlock, remote trunk opening and panic function, remote	e x
also activates interior lights and alarm system Remote rear deck lid release button located in driver's door with "soft touch" open	
Remote rear deck lid release button located in driver's door with soft touch open Illuminated vanity mirrors in right and left front sunvisors	X
4 assist handles in headliner with slow retraction feature	X
	X
 Folding ignition key with remote controls (including rear lid release) HomeLink® 3 channel remote transmitter located in driver's sunvisor 	X
nometinke o channel remote transmitter located in univers survisor	X



Audi

Legend $X = Standard$	A6 4.2 Sedan
Seating	
12-way power front driver and passenger seats including electric lumbar adjustment and lockable head	
restraints	X
3-position memory for driver and passenger seat (drivers side memory controls seats, mirrors, steering wheel	x
position and climate control)	
"2 plus 1" contoured rear seat bench, (60/40 split fold)	X
2 adjustable head restraints for rear seat	X
Folding front center armrest with adjustable angle	X
Front and rear heated seats	P
Sport front seats	P
1/3, 2/3 split folding rear seat with lockable seat backs	X
Interior	
Leather seat upholstery, including door panel inserts	×
Leather shift knob	x
Full length center console with:	x
- 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)	x
(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)	x
Owners manual wallet (storage area) below steering column	x
Rear seat heater vents under front seats	x
Genuine wood inlays in dashboard, center console, and door panels	x
Front and rear floor footwell mats	x
Four tie-down eyelets with cargo net in trunk	x
Tool kit located in left rear storage compartment in luggage area	x
Fold down rear center armrest	. x
Auto dimming inside mirrors and dimming / folding outside rearview mirrors	×
Power rear window sunshade with manual rear side window sunshades	P
Instrumentation and Electrical Equipment	
Backlit instrument cluster with automatic brightness control with:	7 ,
-	X
 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	X
Driver information display with:	X
- 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	х
switch in driver's side B-pillar	



Legend	A6 4.2
x = Standard	Sedan
Instrumentation and Electrical Equipment (Continued)	
Windshield wipers with large sweep area and 4-position interval rates	×
Symphony II 2-DIN AM/FM radio with cassette, 6-disc CD-player and:	×
- RBDS (Radio Broadcast Display System displays radio station call letters and other information)	
- GALA (Graduated Audio Level Adjustment, varies volume based on vehicle speed)	
Integrated digital portable phone with voice recognition (delayed introduction)	×
OnStar telematics hardware with 1 year service and phone preparation (delayed introduction)	0
Bose® 200 Watt Premium Sound System with subwoofer	×
Diversified (four) rear window glass radio antenna	×
Pre-wiring for 6-disc CD changer (with mounting bracket in trunk)	×
Safety	
Driver and front passenger next generation airbag supplemental restraints	x
Front seat-mounted side airbags	x
Inflatable "SIDEGUARD" curtain airbags	×
Rear seat-mounted side airbags	٠ ٥
 Front 3-point safety belts with automatic pretensioning, height adjustable upper mounts and belt force limiters 	×
Two rear 3-point safety belts with automatic pretensioning	×
 Front passenger and rear safety belts with Convertible Locking Retractors (ALR and ELR modes) 	×
Child-safety rear door locks	×
 Central locking system with safety unlock feature (unlocks doors and turns on interior lights if airbag deploys) 	×
Active reflectors in rear of all doors	×
Emergency warning triangle located in rear deck lid	×
Locking headrests for front seats	x
Rear child seat tether anchors	x
First Aid kit in rear center armrest	х
Rear Parktronic™ Acoustic Parking System	P
Immobilizer III transponder system	x
Trunk release handle in trunk interior	X

2002 Audi A6 4.2 Option Program



Legend			A6 4.
x = Included in package	O = Optional	- = Not available	Seda
Д	Option		
Sport package			. 0
- 17 inch 5-spoke forged alloy v	vheel with 255 / 40 R 17 with	performance tires	X
- Front sport seats			×
- Sport suspension (body lower	ed 20mm; spring rate 30% s	tiffer; shock absorber 40% more	x
compression damping; increas	sed diameter stabilizer bar)		
Premium Package			. 0
- Heated front and rear seats			×
 Heated steering wheel 			x
- Xenon high intensity, low and	high beam headlights		x
- Rear Parktronic™			×
Warm Weather Package			0
- Solar sunroof			T x
- Power rear window sunshade	with manual rear side windo	ow sunshades	×
	Separate Op	otions	
Rear side airbags			
Audi Navigation System			
17 inch 5-spoke forged alloy wh	eel with 255/40 R 17 perform	nance tires	
17 inch 8-spoke alloy wheel with	·		
Pearlescent white	. 200, to te tr portormanoe t		
Motorola® digital/portable phone	e with voice control (in comb	ination with OnStar) *	
OnStar telematics hardware with	•	•	
Official tolomatios flatowate with	i i jear service and prione p	n oparation	

- * delayed introduction
- ** not available with sport package

Warranty Information for all models

United States / Canada

- 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
 - "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.



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		
					4.2			
	Leather Up	oholstery			s	NC		
D4D4	Pearlescen	t White Paint			0	1,200	·	
PPX	Heated S	Front and Rear Steering Whee ligh Intensity D		ow Beams)	0	850	<i>Y</i>	
PPS	Sport Fro 17" 5-Sp	age spension ont Seats oke Forged Al ance 255/40 Ti			0	1,750		
PWX	Sunroof Manual F	•	eplaces Glass Panel) dow Sunshades unshade		0	1,000		
7Q9	Audi Navig	ation System (Includes Map CD's)		0	1,350		
4X4	Rear Side	Airbags			0	350		
PRE	17" Cast A	lloy Wheels w/	Performance Tires		0	750		
PRK	17" 5-Spok	e Forged Alloy	Wheels w/Performance Tires		0	1,000		
0LM 1QE		Emissions Req Trading Regior	uirements n Emissions Req.		0	NC NC		

Key:

O = Optional

S = Standard

NA = Not Available NC = No Charge