



Technical Specifications		2004 Audi A6 4.2	
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	11.0:1		
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	TORSSEN® (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 / EBD; 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)
2004 Audi A6 4.2
WHEELS:

Size	8J x 16, 6-spoke alloy wheel (standard)
	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 R 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:

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 mpg	
Highway		24 mpg	
Combined		20 mpg	

FUEL ECONOMY:

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



Legend		A6 4.2
x = Standard o = Optional		Sedan
Technical		
● 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		x
● 5-speed automatic transmission with Tiptronic [®] and DSP (selects from over 200 shift programs to match driver needs), hill detection capability and "Sport-mode" setting		x
● ESP - Electronic Stabilization Program with brake assist		x
● quattro [®] - permanent all-wheel drive system with Torsen [®] TORque SENSing center differential		x
● Anti-lock brake system with front and rear Electronic Differential Locks (EDL) and Electronic Brake-force Distribution (EBD)		x
● CFC-free (ChloroFlouroCarbon) air conditioning refrigerant		x
● Fully galvanized steel unibody construction with aluminum hood and front fenders		x
Wheels / Tires / Suspension / Steering		
● 8J x 16 inch 6-spoke cast alloy wheels with 235 / 50 all-season tires		x
● 8J x 17 inch 5-spoke cast alloy wheels with 255 / 40 performance tires		o
● Sport Suspension with:		o
	- body lowered 20mm	
	- shocks with 40% increased compression damping	
	- 30% stiffer spring rate	
	- thicker stabilizer bar	
● 4-pad front brakes, high-performance		x
● Full size spare tire with alloy wheel		x
● Four-link front suspension		x
● Double A-arm rear suspension		x
● Servotronic [®] - vehicle speed-sensitive power rack & pinion steering		x
● Leather covered 4-spoke multifunction steering wheel		x
● Heated leather covered 4-spoke multifunction steering wheel		o
● Electrically adjustable tilt and telescopic steering column with automatic tilt-away for ease of entry and exit		x
Exterior		
● 5 MPH (Federal standard) bumpers, painted in body color		x
● Bumper covers contoured to be flush with body surface and profile		x
● Protective side moldings, painted in body color		x
● Body color, flush door handles		x
● Bright trim around side windows and lower trunk lid		x
● Body color outside mirrors; left side flat, right side convex		x
● Heatable windshield washer nozzles		x
● Metallic or pearl effect paint at no extra charge		x
● Aluminum door sill strips with "Audi" script		x
● Visible dual exhaust		x
● Powerglass slide / tilt sunroof with sunshade		x
● Solar sunroof		o
● Nomenclature:		x
	- 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
	- 80 mm "quattro" badge on:	x
	rear deck lid - right	
	front grille - right	
	dashboard belt line trim - right	
Exterior Lighting		
● Halogen headlights, 3-way lights, including integrated ellipsoid low beam		x
● Xenon high intensity, low and high beam headlights		o
● Two front fog lights located in lower bumper (fog lights as daytime running lights for Canadian vehicles)		x
● Two rear fog lights		x
● High pressure headlight washers, retractable, flush with bumper		x
● Red taillight lenses with amber lenses for turn signal		x
● "Puddle" lights in all four doors		x
● White side turn indicator lights in front fenders with amber shine-through bulbs		x



Legend	A6 4.2
x = Standard o = Optional	Sedan
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	x
● Front and rear reading lights located in headliner	x
● Red ambient LED lighting in headliner for front center console illumination	x
● Illumination for interior door release handles	x
● Front and rear footwell lights	x
● Illuminated glove box, trunk, lighter and ashtray	x
Comfort and Convenience	
● Fully automatic dual zone climate control system with sun sensor, smog 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 mirror with compass	o
● Electrical adjustable outside mirrors with defog features	x
● Electrical rear window defogger with automatic timed shut off feature	x
● Power central locking system (doors, deck lid and fuel door), with selective unlocking (enables unlocking of a single front door or all doors), plus:	x
- 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 also activates interior lights and alarm system	x
● Remote rear deck lid release button located in driver's door with "soft touch" open	x
● Illuminated vanity mirrors in right and left front sunvisors	x
● 4 assist handles in headliner with slow retraction feature	x
● Folding ignition key with remote controls (including rear lid release)	x
● Valet key	x
● HomeLink® 3 channel remote transmitter located in driver's sunvisor	x
Seating	
● 12-way power front driver and passenger seats including electric lumbar adjustment and lockable head restraints	x
● 3-position memory for driver's seat (memory controls seats, mirrors, steering wheel position and climate control)	x
● 3 adjustable head restraints for rear seat	x
● Folding front center armrest with adjustable angle	x
● Front and rear heated seats (Heated front seats are standard in Canada)	o
● Sport front seats	o
● 1 / 3, 2 / 3 split folding rear seat with lockable seat backs	x
Interior	
● Leather seat upholstery, including door panel inserts	x
● Leather shift knob	x
● Full length center console with:	x
- storage area under front center armrest	
- adjustable rear passenger air vents and rear power outlet	
● Retractable front cup holder	x
● Two retractable rear cup holders	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



Legend	A6 4.2
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Interior Continued	
● 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 mirror with compass	o
● Power rear window sunshade with manual rear side window sunshades	o
Instrumentation and Electrical Equipment	
● Backlit instrument cluster with automatic brightness control with: - tachometer, electronic speedometer, digital clock with date, fuel gauge, temperature gauge, oil temperature gauge, voltmeter, white illumination with red pointers	x
● Digital odometer with service interval indicator	x
● Driver information display with: - 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	x
● Anti-theft vehicle alarm system with blinking theft deterrent light	x
● Windshield wipers with large sweep area and 4-position interval rates	x
● 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)	x
● Integrated digital portable phone with voice recognition	o
● OnStar [®] Telematics hardware with 1 year service and phone preparation	o
● Satellite Radio preparation	x
● Satellite Radio (Choice of XM or Sirius)	o
● 140-watt 8-speaker sound system with subwoofer located in trunk	x
● Bose [®] 200-watt Premium Sound System with subwoofer	o
● Audi Navigation System	o
Safety	
● Driver and front passenger next generation airbag supplemental restraints	x
● Front seat-mounted side airbags	x
● Inflatable SIDEGUARD [™] curtain airbags	x
● Rear seat-mounted side airbags	o
● Front 3-point safety belts with automatic pretensioning, height adjustable upper mounts and belt force limiters	x
● Three rear 3-point safety belts with automatic pretensioning	x
● Front passenger and rear safety belts with Convertible Locking Retractors (ALR and ELR modes)	x
● Child-safety rear door locks	x
● Central locking system with safety unlock feature (unlocks doors and turns on interior lights if airbag deploys)	x
● Active reflectors in rear of all doors	x
● Emergency warning triangle located in rear deck lid	x
● Locking headrests for front seats	x
● Rear child seat tether anchors	x
● LATCH (Lower Anchorage and upper Tether CHild seat) provisions in rear seats	x
● First-aid kit in rear center armrest	x
● Rear Parktronic [™] Acoustic Parking System	o
● Immobilizer III transponder system	x
● Trunk release handle in trunk interior	x



Legend		A6 4.2
x = Included in package	o = Optional	- = Not available
Optional Equipment		Sedan
• Sport package		o
17-inch 5-spoke forged alloy wheels with 255 / 40 R 17 with performance tires		x
Front sport seats		x
Sport suspension		x
• Premium Package		o
Xenon high intensity, low and high beam headlights		x
Auto dimming interior mirror with compass		x
Auto dimming and folding exterior mirrors		x
• Cold Weather Package		o
Heated front and rear seats		x
Heated steering wheel		x
Ski Sack		x
• Infotainment package		o
Bose® 200-watt premium sound system with subwoofer		x
Audi Telematics by Onstar® with one year Safe and Sound subscription		x
Satellite Radio (Choice of XM or Sirius)		x
• Warm Weather Package		o
Solar sunroof		x
Power rear window sunshade with manual rear side window sunshades		x
• Separate Options		
Parktronic™, rear		o
Rear side airbags		o
Audi Navigation System		o
17-inch 5-spoke forged alloy wheels with 255 / 40 R 17 performance tires (N/A with PPS)		o
Motorola® digital / portable phone with voice control (in combination with OnStar)		o
XM Satellite Radio		o
Sirius Satellite Radio		o
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.		
"Tiptronic" is a registered trademark of Dr. Ing. h. c. F. Porsche AG.		
"Torsen" is a registered trademark of Zexel-Gleason USA, Inc.		
"Motorola" is a registered trademark of Motorola, Inc.		
"HomeLink" is a registered trademark of Johnson Controls, Inc.		
"Bose" is a registered trademark of the Bose Corporation.		
"Parktronic" is registered trademark of Audi AG.		
"OnStar" is a registered trademark of General Motors Corporation.		
"SIDEGUARD" is a registered trademark of Audi AG.		
"Servotronic" is a registered trademark of AM General Corporation..		



Retail Prices
Audi of America, Inc.
Effective: 1-January-04
Revised: 1-January-04



2004 Audi A6 4.2

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
4B451Z	A6 4.2	Sedan	5-Spd Automatic Tip.	quattro	\$ 49,500
				4.2	
		Leather Upholstery		S	NC
PPX	<u>Premium Package</u>			O	800
	<i>Auto-dimming Interior Mirror with Compass</i>				
	<i>Auto-dimming and Electrically Folding Exterior Mirrors</i>				
	<i>Xenon Headlights (High & Low Beams)</i>				
PWX	<u>Warm Weather Package (requires PPX)</u>			O	1,000
	<i>Sunroof Solar Panel (Replaces Glass Panel)</i>				
	<i>Manual Rear Side Window Sunshades</i>				
	<i>Power Rear Window Sunshade</i>				
PAW	<u>Cold Weather Package</u>			O	800
	<i>Heated Front and Rear Seats</i>				
	<i>Heated Steering Wheel</i>				
	<i>Ski Sack</i>				
PPS	<u>Sport Package</u>			O	1,750
	<i>Sport Suspension</i>				
	<i>Sport Front Seats</i>				
	<i>17" 5-Spoke Forged Alloy Wheels & Performance Tires</i>				
PSR	<u>Premium Audio Package</u>			O	1,100
	<i>BOSE® Premium Sound System</i>				
	<i>Sirius® Satellite Radio</i>				
PXM	<u>Premium Audio Package</u>			O	1,100
	<i>BOSE® Premium Sound System</i>				
	<i>XM® Satellite Radio</i>				
7X1	Rear Parktronic®			O	350
PRK	17" Forged Alloy Wheels & Performance Tires			O	1,000
4X4	Rear Side Airbags			O	350
7Q9	Audi Navigation System (Includes Map CD's)			O	1,350
9ZS	Audi Telematics by OnStar®			O	850
	California / Northeast Emissions (States included: Cal, NY, Maine, VT, Mass, RI, CT, and NH)			O	150
<u>PORT INSTALLED OPTIONS</u>					
AWL	Security Wheel Locks			O	78
APK	Phone Cradle and Bracket			O	306
APX	Phone Cradle and Bracket			O	306
ASR	Sirius® Satellite Radio			O	350
AXM	XM® Satellite Radio			O	350
	Destination Charge				720

Key: **O = Optional** **NA = Not Available**
 S = Standard **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 2004 MY Prices