



Technical Specifications		2004 Audi allroad quattro® 4.2	
ENGINE:			
Type	V8, spark ignition, two light alloy cylinder heads, three inlets and two (sodium-cooled) exhaust valves		
Arrangement	Front mounted, longitudinal		
Bore	3.32 in.	84.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	254 cu. in.	4163 cc	
Compression ratio	11.0:1		
Fuel requirement	Regular unleaded (87 AKI), Premium unleaded (91 AKI) recommended for maximum performance		
Horsepower (SAE)	300 hp	@	6200 rpm
Max. Torque	280 lbs. ft.	@	2700 -4600 rpm
ENGINE DESIGN:			
Cylinder block	Aluminum alloy		
Crankshaft	Forged steel, 4 main bearings		
Cylinder head	Aluminum alloy		
Valve train / intake	DOHC, chain driven, roller cam followers, hydraulic lifters / variable intake valve timing and two-stage variable intake manifold		
Firing order	1 - 5 - 4 - 8 - 6 - 3 - 7 - 2		
Cooling system	Water-cooled, thermostatically controlled radiator fan		
Fuel injection / Ignition system	Electronic sequential fuel injection, hot-film air mass measurement, drive-by-wire throttle, mapped-characteristic ignition with solid-state high-voltage distribution, cylinder-selective knock control, exhaust temperature control, coordinated engine-torque control, ME 7 Motronic with electronic throttle control		
Emission system	Two tubular exhaust manifolds with air-gap insulation, two pre-converters close to engine, two 3-way catalytic converters, two heated oxygen sensors before and two after the catalytic converter		
ELECTRICAL SYSTEM:			
Battery	12 volts	92 amp/hr	450 amp
Alternator	14 volts	190 amp	2660 watt
DRIVETRAIN:			
Transmission	5-speed automatic with Tiptronic®, Dynamic Shift Program (DSP), automatic shift lock and "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	3.908 : 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	Maintenance-free rack and pinion, Servotronic® - vehicle speed variable power assist		
Ratio	16.2:1		
Turns (lock-to-lock)	2.81		
Turning circle	38.3 ft.	11.7 m	
SUSPENSION:			
Front	Four-link independent wheel suspension, tubular anti-roll bar, air suspension spring strut with twin-tube gas shock absorbers		
Rear	Double wishbones, sub-frame, anti-roll bar, load-controlled damping via air suspension spring strut		
BRAKES:			
Service brake	Dual-circuit brake system with diagonal split, ABS/EBD, brake servo. At front, ventilated discs and high performance 4 pad HP2 brakes. At rear ventilated disc brakes.		
Front, size and type	12.6 in.	321 mm	- Ventilated disc
Rear, size and type	10.1 in.	269 mm	- Ventilated disc
Parking brake	Mechanically actuated at the rear wheels		

Technical Specifications (continued)
2004 Audi allroad quattro® 4.2

WHEELS:	
Size	7.5 J X 17 5-spoke twin-spoke design(Optional)
	7.5 J X 18 5-spoke hollow-spoke design (Standard)
TIRES:	
Size	225 / 55R17 all-season high-performance tires (Optional)
	245 / 45R18 high-performance tires (Standard)
BODY:	
Material	Unitary, fully galvanized, steel, aluminum engine hood
Corrosion protection	Multi-step anti-corrosion protection
CAPACITIES:	
Engine oil	8.9 qt. 8.5 liter
Fuel tank	18.5 gal. 70 liter
EXTERIOR DIMENSIONS:	
	quattro®
Wheelbase	108.5 in. 2757 mm
Track: front / rear	62 in. 1574 mm / 62.4 in. 1585 mm
Overall length	189.4 in. 4810 mm
Overall width (with mirrors)	76.1 in. 1932 mm
Height (unloaded)	60.1 in. 1526 mm Level 1 (@ speed > 80mph)
	61.1 in. 1551 mm Level 2 (@ speed > 50mph)
	62.0 in. 1576 mm Level 3 (operative height)
	62.7 in. 1592 mm Level 4 (offroad)
Ground clearance (loaded)	5.6 in. 142 mm Level 1 (@ speed > 80mph)
	6.6 in. 167 mm Level 2 (@ speed > 50mph)
	7.6 in. 192 mm Level 3 (operative height)
	8.2 in. 208 mm Level 4 (offroad)
Curb weight man. / auto.	4277 lbs. 1940 kg
Distribution % front / rear	58 / 42
INTERIOR DIMENSIONS:	
Seating Capacity	5
EPA class	Mid-size
Headroom w/ front / rear	37.5 in. 953 mm 38.4 in. 975 mm
Shoulder room front / rear	58.6 in. 1488 mm / 56.9 in. 1456 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.
PERFORMANCE:	
	quattro®
	Automatic
0-60 mph	6.9 sec.
1/4 mile	15.2 sec.
Top speed	Top speed is electronically limited to 130 mph (219 km/h) for North America
FUEL ECONOMY:	
	EPA Estimate
	Automatic
City	16 mpg
Highway	21 mpg
Combined	18 mpg



Legend:	Audi allroad quattro® 4.2
x = Standard o = Optional	
Technical	
● 4.2 liter, 300 hp, V8 DOHC engine with direct ignition 5 valves per cylinder, ME 7.0 Motronic with electronic throttle control	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
● 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 rear brake pressure regulation	x
● CFC-free (ChloroFlouroCarbon) air conditioning refrigerant	x
● Fully galvanized steel unibody construction with aluminum hood	x
● ESP - Electronic Stabilization Program	x
Wheels / Tires / Suspension / Steering	
● 7.5J x 18 5-spoke wheels with 245 / 45 97 W high performance tires	x
● 7.5 J X 17 5-spoke twin-spoke design with 225 / 55 97 H allroad high performance tires	o
● Four-pad front brakes	x
● Deflated spare tire with alloy wheel and air compressor	x
● Four-link front suspension	x
● Double A-arm rear suspension	x
● 4-position variable height pneumatic suspension	x
● Servotronic® - vehicle speed-sensitive power rack & pinion steering	x
● Leather covered 4-spoke multi-function steering wheel	x
● Heated leather multifunctional steering wheel	o
● Electrically adjustable tilt and telescoping steering column with automatic tilt-away for ease of entry	x
Exterior	
● 2.5 MPH (Federal light truck standard) bumpers	x
● Bumper covers, fender flares and door sills finished in tone on tone to exterior color	x
● Body color, flush door handles	x
● Dual exhaust tips in lower rear bumper cover	x
● Powerglass slide / tilt sunroof with sunshade	o
● Electrically adjustable exterior mirrors	x
● Large exterior mirror housings	x
● Auto Dimming and power folding exterior mirrors	o
● Heatable windshield washer nozzles	x
● Metallic paint at no extra charge	x
● Full-body color painting (Note: Does not include the impact portions of the front and rear bumper)	o
● Longitudinal ribs on roof surface	x
● Aluminum trim package consisting of:	x
- Roof rails	
- Side window trim	
- Rear deck lid sill area	
- Door sill extension	
- Front skid and rear skid plate	
● Nomenclature: - four rings on center of rear deck lid and front grille	x
- 80 mm quattro badge on right dashboard belt line trim	
- Door sill strips with "Audi" script	
- "allroad" script on door sill panels	
- "allroad" and "quattro" script on rear deck lid	



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Exterior Lighting	
● Xenon high intensity, low-beam headlights	x
● Two front fog lights located in lower front bumper	x
● Two rear fog lights	x
● High pressure headlight washers, retractable, flush with bumper	x
● Automatic headlight leveling system	x
● Red tail-light 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
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, rear cargo area, 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	
- 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
● Solar Sunroof (Recirculates air in car when parked in the sun)	o
● Powerglass sunroof with both tilt and slide functions, pre-select closing system with pinch protection	o
● Power central locking system (doors, deck lid and fuel door) with selective unlocking (enables unlocking of 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 remote also activates interior lights and alarm system	x
● Folding ignition key with remote controls (including 5th door release)	x
● Valet Key	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
● HomeLink® 3 channel remote transmitter located in driver's sunvisor	x



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Seating	
● 12-way power front driver and passenger seats including electric lumbar adjustment and lockable head restraints	x
● 3 adjustable head restraints for rear seat	x
● 1 / 3, 2 / 3 split folding rear seat with lockable seat backs	x
● Folding front center armrest with adjustable height	x
● 3-position memory for driver seat (memory controls seat, mirrors, steering wheel, and climate control)	x
● Front and rear heated seats	o
Interior	
● Cricket leather seat upholstery, including door panel inserts	x
● Walnut wood interior trim	x
● Walnut wood 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 instrument panel, center console and door panels	x
● Front and rear floor mats	x
● Four tie-down eyelets with luggage net in rear cargo area	x
● Tool kit located in left rear storage compartment in luggage area	x
● Fold down rear center armrest	x
● Power outlet in rear cargo area	x
● Retractable rear luggage area partition net (attached to rear 2/3 seat back)	x
● Retractable / removable rear luggage cover	x
● Retractable rear window sunshade	x
● Manual rear side window sunshades	o
Instrumentation and Electrical Equipment	
● Backlit instrument cluster with automatic brightness control with:	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	x
● Windshield wipers with large sweep area, flat wiper arm and 4-position interval rate	x
● Symphony II 2-DIN AM / FM radio with cassette, 6-disc CD-player and:	x
- RBDS (Radio Broadcast Display System displays radio station call letters and other information)	
- GALA (Graduated Audio Level Adjustment, varies volume based on vehicle speed)	
● 140-watt 8-speaker sound system with subwoofer located in trunk	x



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Instrumentation and Electrical Equipment (continued)	
● Rear window wiper and washer	x
● Audi Navigation System	o
● Bose® 200-watt Premium Sound System with subwoofer	o
● 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
● Tire pressure monitoring 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 (ELR and ALR modes)	x
● LATCH (Lower Anchorage and upper Tether CHild seat) provisions in rear seats	x
● Child-safety rear door locks with rear deck lid	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, including rear deck lid	x
● Emergency warning triangle located in rear deck lid	x
● Rear Parktronic™ Acoustic Parking System	o
● First-aid kit in rear center armrest	x
● Immobilizer III transponder system	x

**2004 Audi allroad quattro 4.2
Option Program**



U.S. Option Program		allroad quattro®
Legend:		4.2
o = Optional X = Included in package		
Options		
• Premium package		o
Automatic dimming interior mirror with digital compass		x
Electrically folding and auto-dimming exterior mirrors		x
Power sunroof		x
• Cold Weather package		o
Heated Front and Rear Seats		x
Heated Multi-function steering wheel		x
Ski Sack		x
• Warm Weather package		o
Solar sunroof		x
Rear side window sun shades		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
• Separate options		
Full-Body color painting (Does not include the impact portions of the front and rear bumpers)		o
GPS Navigation system		o
Rear seat-mounted side airbags		o
17" 5-spoke alloy wheels / twin spoke dimensional effect		o
Parktronic™		o
Motorola® hands-free cellular telephone		o
XM Satellite Radio		o
Sirius Satellite Radio		o
Warranty Information		
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 allroad 4.2 quattro

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
4BH55Z	allroad	Wagon	5-Spd Automatic Tip.	quattro	\$ 46,950
				4.2	
PPX	<u>Premium Package</u> Glass Sunroof (w/Power, Tilt, Slide, "PreSelect") Auto-dimming Interior Mirror with Compass Auto-dimming and Electrically Folding Exterior Mirrors			O	1,400
PAW	<u>Cold Weather Package</u> Heated Front and Rear Seats Heated Steering Wheel Ski Sack			O	800
PWX	<u>Warm Weather Package (requires PPX)</u> Sunroof Solar Panel (Replaces Glass Panel) Manual Rear Side Window Sunshades			O	750
PWF	Full-Body Color Paint			O	925
PSR	<u>Premium Audio Package</u> BOSE® Premium Sound System Sirius® Satellite Radio			O	1100
PXM	<u>Premium Audio Package</u> BOSE® Premium Sound System XM® Satellite Radio			O	1100
7Q9	Audi Navigation System (Includes Map CD's)			O	1,350
7K1	Tire Pressure Monitoring System			O	390
7X1	Rear Parktronic®			O	350
CF6	17" Dual Spoke Wheels & All-Season Tires			O	NC
4X4	Rear Side Airbags			O	350
9ZS	Audi Telematics by OnStar®			O	850
	California / Northeast Emissions (States included: Cal, NY, Maine, VT, Mass, RI, CT, and NH)			O	150
PORT INSTALLED OPTIONS					
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
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 2004 MY Prices