



2005 Audi allroad 2.7 T Product Information



ONLY FOR INTERNAL USE!

Audi of America Inc.
Last Revision: 5/21/2004

2005 Audi allroad quattro 2.7 T
General Information



Audi allroad model features

- 2.7 liter bi-turbo 250 hp V6 engine
- 6-speed manual transmission or 5-speed tiptronic® transmission
- quattro IV® - permanent all-wheel drive system
- 7.5 J X 17 5-Spoke allroad design 225/55 97 H all-season high performance tires
- Inflatable "SIDEGUARD" curtain airbags standard
- 4-position variable height pneumatic suspension

Changes for MY 2005

- Warning triangle discontinued
- Black fender panels discontinued
- Full body paint available for 2.7T
- Telematics discontinued
- DVD Navigation will replace old navigation (CW45)
- 17" Twin spoke wheel discontinued (Canada only)

2005 Audi allroad quattro 2.7 T
Illustrations



2005 Audi allroad 2.7 T



2.7 T V6 Bi Turbo Engine
250 HP @ 5800 rpm
258 lbs./ft. @ 1850-3600 rpm
5 valves per cylinder
Twin turbo chargers
Twin Intercoolers

2005 Audi allroad quattro 2.7 T
Equipment

Legend: x = Standard O = Optional P = Package	Audi allroad quattro® 2.7T
Technical	
<ul style="list-style-type: none"> • 2.7 liter, 250 hp, V6 DOHC bi-turbo engine with direct ignition, electronic turbo boost regulation and 5 valves per cylinder, and electronic throttle control • 6-speed manual transmission with synchronized reverse gear • 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 • quattro® IV - permanent all-wheel drive system with Torsen® torque sensing center differential • Anti-lock brake system with front and rear electronic differential locks (EDL) and Electronic rear Brake force Distribution (EBD) • CFC-free (ChloroFlouroCarbon) air conditioning refrigerant • Fully galvanized steel unibody construction with aluminum hood • ESP - Electronic Stabilization Program 	x x O x x x x x
Wheels / Tires / Suspension / Steering	
<ul style="list-style-type: none"> • 7.5 J X 17 5-spoke allroad design with 225/55 97 H allroad all-season high performance tires • 7.5 J X 17 5-spoke twin-spoke design with 225/55 97 H allroad all-season high performance tires (N/A in Canada) • FNRG-60 two-pad front brakes • Deflated temporary spare tire with alloy wheel and air compressor • Four-link front suspension • Double A-arm rear suspension • 4-position variable height pneumatic suspension • Servotronic® - vehicle speed-sensitive power rack & pinion steering • Leather covered 4-spoke steering wheel • Leather covered 4-spoke multifunctional steering wheel • Tilt and telescoping manually adjustable steering column 	x O x x x x x x x x P x
Exterior	
<ul style="list-style-type: none"> • 2.5 MPH (Federal light truck standard) bumpers • Bumper covers, flender flares and door sills finished in tone on tone to exterior color • Body color, flush door handles • Dual exhaust tips in lower rear bumper cover • Powerglass slide/tilt sunroof with sunshade • Electrically adjustable exterior mirrors • Large exterior mirror housings • Auto dimming and power folding exterior mirrors • Heatable windshield washer nozzles • Metallic paint at no extra charge • Longitudinal ribs on roof surface 	x x x x P x x P x x x

2005 Audi allroad quattro 2.7 T
Equipment

Legend: x = Standard O = Optional P = Package	Audi allroad quattro® 2.7 T
Exterior (Continued)	
<ul style="list-style-type: none"> • Aluminum trim package consisting of: <ul style="list-style-type: none"> - Roof rails - Side window trim - Rear deck lid sill area - Door sill extension - Front skid and rear skid plate 	x
<ul style="list-style-type: none"> • Nomenclature: <ul style="list-style-type: none"> - four rings on center of rear deck lid and front grill - 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 	x
Exterior Lighting	
<ul style="list-style-type: none"> • Aerodynamic halogen headlights, 3-way lights, including integrated ellipsoid low beam • Xenon high intensity, low-beam headlights • Two front fog lights located in lower front bumper (fog lights as daytime running lights for Canadian vehicles) • Two rear fog lights • High pressure headlight washers, retractable, flush with bumper • Automatic headlight leveling system • 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 P x x x x x x
Interior Lighting	
<ul style="list-style-type: none"> • 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 • Illumination for interior door release handles • Front and rear footwell lights • Illuminated glove box, rear cargo area, lighter and ashtray 	x x x x x x
Comfort and Convenience	
<ul style="list-style-type: none"> • Fully automatic dual zone climate control system with sun sensor, smog sensor, and activated charcoal filter • Power windows with: <ul style="list-style-type: none"> - 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 • Large auto dimming / folding outside mirrors and auto dimming inside mirror with compass • Electrical adjustable outside mirrors with defog features • Electrical rear window defogger with automatic timed shut off feature • Powerglass sunroof with both tilt and slide functions, pre-select closing system with pinch protection 	x x x P x x P

2005 Audi allroad quattro 2.7 T

U.S. Option Program

Legend:

O = Optional

X = Included in package

**Audi
allroad
quattro
2.7 T**

Options

• (PPX) Premium package	O
(3L4) Memory for driver's seat and exterior mirror positions	X
(8JD) Xenon high intensity discharge headlights	X
(4L7) Automatic dimming interior mirror with digital compass	X
(6XL) Electrically folding and auto-dimming exterior mirrors	X
(VC1) HomeLink® 3 channel remote transmitter located in driver's sunvisor	X
(3FE) Power sunroof	X
(2ZQ) 4-spoke multifunction steering wheel	X
(N5A) Cricket Leather Seating	X
(3Y3) Manual Rear Side Window Sunshades	X
• (PAW) Cold Weather package	O
(4A4) Heated Front and Rear Seats	X
(3X1) Ski Sack	X
• (RSR or RXM) Infotainment package	O
(8RY) Bose® 200 watt premium sound system with subwoofer	X
Satellite Radio (Choice of XM or Sirius)	X
Separate options	
• (CF6) 17" 5-spoke alloy wheel / twin spoke dimensional effect	O
• (7Q9) GPS Navigation system	O
• (4X4) Rear seat-mounted side airbags	O
• (7X1) Parktronic	O
• (7K1) Tire Pressure Monitor System	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

"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.

"Bose" is a registered trademark of the Bose Corporation. Covered by patent rights issued and/or pending.

"Motorola" is a registered trademark of Motorola, Inc.

"HomeLink" is a registered trademark of Prince Corporation, Holland, Michigan.

"OnStar" is a registered trademark of

1) Dealer installation also available

2004 Audi allroad quattro 2.7 T

Canadian Option Program

Legend:

O = Optional

X = Included in package

**Audi
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Options	
• (PPY) Premium package	O
(3L4) Memory for driver's seat and exterior mirror positions	X
(8JD) Xenon high intensity discharge headlights	X
(4L7) Automatic dimming interior mirror with digital compass	X
(6XL) Electrically folding and auto-dimming exterior mirrors	X
(VC1) HomeLink® 3 channel remote transmitter located in driver's sunvisor	X
(3FE) Power sunroof	X
(2ZQ) 4-spoke multifunction steering wheel	X
(N5A) Cricket Leather Seating	X
(3Y3) Manual Rear Side Window Sunshades	X
• (PCW) Cold Weather package	O
(4A4) Heated Rear Seats	X
(3X1) Ski Sack	X
Separate options	
• (7Q9) GPS Navigation system	O
• (8RY) Bose® 200 watt premium sound system with subwoofer	O
• (4X4) Rear seat-mounted side airbags	O
• (7X1) Parktronic	O
• (7K1) Tire Pressure Monitor System	O
• Motorola® hands-free cellular telephone	O

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1) Dealer installation also available

Interior Colors				Cricket Leather Seating		
				Platinum / Saber black HA	Fern green / Desert grass HB	Ecru / Light brown HC
Exterior Colors	Contrast Color	Standard Painting	Full-Body Painting (PWF)			
• Highland Green	Dark gray	7S7F	7S7S	x	x	
• Light silver	Dark gray	5B7F	5B5B	x		
• Atlas gray	Dark gray	4A7F	4A4A	x		
• Brilliant black	Dark gray	A27F	-	x		x
• Alpaka beige	Dark gray	Y57F	-	x		x
• Cobalt Blue	Dark gray	5F7F	5F5F	x		x
Available with PWF option						
• Ebony Pearl		-	4Z4Z	x		x
• Canvas Beige		-	2W2W	x		x

Interior Component Colors

	Upper dashboard	Lower dashboard	Carpet	Headliner	Seats
Platinum / Saber black	Black	Black	Black	Silver	Gray
Fern green / Desert grass	Green	Green	Green	Green	Green
Ecru / Light brown	Light brown	Light brown	Light brown	Ecru	Ecru

- **Standard**



7.5 J X 17 ET 25
5-spoke alloy wheel
Pr. No. CD4

225 / 55 R 17 97 H tire (H3H)
Pirelli P6 allroad
Goodyear Wrangler F1 allroad

- **Optional**



7.5 J X 17 ET 25
5-spoke alloy wheel
twin spoke dimensional effect
Pr. No. CF6

225 / 55 R 17 97 H tire (H3H)
Pirelli P6 allroad
Goodyear Wrangler F1 allroad

Technical Specifications
2005 Audi allroad quattro® 2.7 T
ENGINE:

Type	Six-cylinder four-stroke, spark ignition, two light alloy cylinder heads, three inlets and two (sodium-cooled) exhaust valves, DOHC, twin turbochargers		
Arrangement	Front mounted, longitudinal		
Bore	3.19 in.	81.0 mm	
Stroke	3.40 in.	86.4 mm	
Displacement	163 cu. in.	2671 cc	
Compression ratio	9.3 : 1		
Fuel requirement	Regular unleaded (87 AKI), Premium unleaded (91 AKI) recommended for maximum performance		
Horsepower (SAE)	250 hp	@	5800 rpm
Max. Torque	258 lbs. ft.	@	1850 - 3600 rpm

ENGINE DESIGN:

Cylinder block	Cast iron
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, thermostatically controlled radiator fan
Lubrication system	
Fuel injection / Ignition system	Electronic sequential fuel injection, mapped-characteristic ignition with solid-state direct ignition, variable intake camshaft control, cylinder-selective knock control, exhaust temperature control, coordinated engine-torque control, ME 7.0 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

ELECTRICAL SYSTEM:

Battery	12 volts	92 amp/hr
Alternator	14 volts	150 amp

DRIVETRAIN:

Transmission	6-speed manual with synchro reverse or 5-speed automatic with Tiptronic®, Dynamic Shift Program (DSP), automatic shift lock and "sport-mode " setting		
Type	quattro®		
		Manual	Automatic
Gear ratios:	1st	3.750 : 1	3.665 : 1
	2nd	2.059 : 1	1.999 : 1
	3rd	1.417 : 1	1.407 : 1
	4th	1.071 : 1	1.000 : 1
	5th	0.857 : 1	0.742 : 1
	6th	0.730 : 1	-
	Reverse	3.455 : 1	4.096 : 1
	Final Drive	4.375 : 1	3.091 : 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 2 pad FNRG-60 brakes. At rear disc brakes.		
Front, size and type	12.6 in.	321 mm	- Ventilated disc
Rear, size and type	10.1 in.	256 mm	- disc
Parking brake	Mechanically actuated at the rear wheels		

Technical Specifications (continued)
2005 Audi allroad quattro® 2.7 T

WHEELS:	
Size	7.5 J X 17 5-spoke allroad design 225 / 55 97 H
	7.5 J X 17 5-spoke twin-spoke design 225 / 55 97 H (Optional)
TIRES:	
Size	225 / 55 all-season tires
BODY:	
Material	Unitary, fully galvanized, steel, aluminum engine 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	108.5 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.	4178 lbs. 1895 kg / 4244 lbs. 1925 kg
Distribution % front / rear	56 / 44 / 57 / 43
INTERIOR DIMENSIONS:	
Seating Capacity	5
EPA class	Mid-size
Headroom w/sun 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®
	Manual Automatic
0-60 mph	6.8 sec. 7.3 sec.
1/4 mile	15.1 sec. 15.6 sec.
Top speed	Top speed is electronically limited to 130 mph (209 km/h) for North America
FUEL ECONOMY:	
	EPA Estimate
	Manual Automatic
City	n/a mpg n/a mpg
Highway	n/a mpg n/a mpg
Combined	n/a mpg n/a mpg
FUEL ECONOMY:	
	Canadian Estimate
	Manual Automatic
City	n/a l/100km n/a l/100km
Highway	n/a l/100km n/a l/100km

2005 Audi allroad quattro 2.7 T

Changes

date	change	reason	worksheet name



2005 Audi allroad 4.2 Product Information



ONLY FOR INTERNAL USE!

Audi of America Inc.
Last Revision: 5/21/2004



Audi allroad model features

- All-new 4.2 liter V8 with 300 Hp and 280 ft./lbs.
- 5-speed Tiptronic® transmission
- quattro IV® - permanent all-wheel drive system
- 7.5 J X 18 5-Spoke wheels with 245/45 high performance tires
- Inflatable "SIDEGUARD" curtain airbags standard
- 4-position variable height pneumatic suspension
- Immobilizer III transponder system

MY 2005 Allroad Changes

- Warning triangle discontinued
- Black Fender panels discontinued
- DVD navigation will replace old navigation (CW45)
- 17" Twin spoke wheel discontinued for Canada
- Telematics discontinued
- Full body paint available



European Model Shown



European Model Shown



European Model Shown



allroad 4.2 with Full-Body color painting

Please Note: Color and wheels shown are not available in U.S.



4.2 Liter V8 Engine
Chain driven cam shafts
300 hp @ 6200
280 lbs./ft. @ 2700 -4600 rpm
5-valves per cylinder

Shorter overall engine length
allowed the V8 to be used in the allroad
without the modifications required
for the A6 4.2 sedan

2005 Audi allroad quattro 4.2

Equipment

Legend: x = Standard O = Optional P = Package	Audi allroad quattro® 4.2
Technical	
<ul style="list-style-type: none"> • 4.2 liter, 300 hp, V8 DOHC engine with direct ignition 5 valves per cylinder, ME 7.0 Motronic with electronic throttle control • 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 • quattro® IV - permanent all-wheel drive system with Torsen® torque sensing center differential • Anti-lock brake system 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 • ESP - Electronic Stabilization Program 	x x x x x x x
Wheels / Tires / Suspension / Steering	
<ul style="list-style-type: none"> • 7.5J x 18 5-spoke wheels wth 245/45 97 W high performance tires • 7.5 J X 17 5-spoke twin-spoke design with 225/55 97 H allroad high performance tires (n/a in Canada) • HP-2 four-pad front brakes • Deflated spare tire with alloy wheel and air compressor • Four-link front suspension • Double A-arm rear suspension • 4-position variable height pneumatic suspension • Servotronic® - vehicle speed-sensitive power rack & pinion steering • Leather covered 4-spoke multi-function steering wheel • Heated leather multifunctional steering wheel • Electrically adjustable tilt and telescoping steering column with automatic tilt-away for ease of entry and exit 	x O x x x x x x x P x
Exterior	
<ul style="list-style-type: none"> • 2.5 MPH (Federal light truck standard) bumpers • Bumper covers, fender flares and door sills finished in tone on tone to exterior color • Body color, flush door handles • Dual exhaust tips in lower rear bumper cover • Powerglass slide/tilt sunroof with sunshade • Electrically adjustable exterior mirrors • Large exterior mirror housings • Auto Dimming and power folding exterior mirrors • Heatable windshield washer nozzles • Metallic paint at no extra charge • Full-body color painting (Note: Does not include the impact portions of the front and rear bumper) • Longitudinal ribs on roof surface 	x x x x P x x x P x x O x

Legend: x = Standard O = Optional P = Package	Audi allroad quattro® 4.2
Exterior (Continued)	
<ul style="list-style-type: none"> • Aluminum trim package consisting of: <ul style="list-style-type: none"> - Roof rails - Side window trim - Rear deck lid sill area - Door sill extension - Front skid and rear skid plate 	x
<ul style="list-style-type: none"> • Nomenclature: <ul style="list-style-type: none"> - four rings on center of rear deck lid and front grill - 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 	x
Exterior Lighting	
<ul style="list-style-type: none"> • Xenon high intensity, low-beam headlights • Two front fog lights located in lower front bumper • Two rear fog lights • High pressure headlight washers, retractable, flush with bumper • Automatic headlight leveling system • 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 x x x x x x x
Interior Lighting	
<ul style="list-style-type: none"> • 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 • Illumination for interior door release handles • Front and rear footwell lights • Illuminated glove box, rear cargo area, lighter and ashtray 	x x x x x x
Comfort and Convenience	
<ul style="list-style-type: none"> • Fully automatic dual zone climate control system with sun sensor, smog sensor, and activated charcoal filter • Power windows with: <ul style="list-style-type: none"> - 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 • Large auto dimming / folding outside mirrors and auto dimming inside mirror with compass • Electrical adjustable outside mirrors with defog features • Electrical rear window defogger with automatic timed shut off feature • Solar Sunroof (Recirculates air in car when parked in the sun) • Powerglass sunroof with both tilt and slide functions, pre-select closing system with pinch protection 	x x x P x x P P

2005 Audi allroad quattro 4.2
Equipment

Legend: x = Standard O = Optional P = Package	Audi allroad quattro® 4.2
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 • Windshield wipers with large sweep area, flat wiper arm and 4-position interval rate • Symphony II 2-DIN AM/FM radio with cassette, 6-disc CD-player and: <ul style="list-style-type: none"> - 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 • Rear window wiper and washer • Audi DVD Navigation System • Bose® 200 Watt Premium Sound System with subwoofer • Integrated digital portable phone with voice recognition • Satellite Radio Preparation • Satellite Radio (Choice of XM or Sirius) • Tire pressure monitoring system 	x x x x x x x x O P O x P/O O
Safety	
<ul style="list-style-type: none"> • Driver and front passenger next generation airbag supplemental restraints • Front seat-mounted side airbags • Inflatable "SIDEGUARD" curtain airbags • Rear seat-mounted side airbags • Front 3-point safety belts with automatic pretensioning, height adjustable upper mounts and belt force limiters • Three rear 3-point safety belts with automatic pretensioning • Front passenger and rear safety belts with Convertible Locking Retractors (ELR and ALR modes) • LATCH system for outboard rear seating positions • Child-safety rear door locks with rear deck lid • Central locking system with safety unlock feature (unlocks doors and turns on interior lights if airbag deploys) • Active reflectors in rear of all doors, including rear deck lid • Rear Parktronic™ Acoustic Parking System • First Aid kit in rear center armrest • Immobilizer III transponder system 	x x x O x x x x x x x x x O x x

**2005 Audi allroad quattro 4.2
Option Program**

12

U.S. Option Program

Legend:

O = Optional

X = Included in package

**Audi allroad
quattro
4.2**

Options	
• (PPX) Premium package	O
(4L7) Automatic dimming interior mirror with digital compass	X
(6XL) Electrically folding and auto-dimming exterior mirrors	X
(3FE) Power sunroof	X
• (PAW) Cold Weather package	O
(4A4) Heated Front and Rear Seats	X
(2ZM) Heated Multi-function steering wheel	X
(3X1) Ski Sack	X
• (PWX) Warm Weather package (Requires PPX)	O
(3FR) Solar sunroof	X
(3Y3) Rear side window sun shades	X
• (RSR or RXM) Infotainment package	O
(8RY) Bose® 200 watt premium sound system with subwoofer	X
Satellite Radio (Choice of XM or Sirius)	X
Separate options	
• (PWF) Full-Body color painting (Does not include the impact portions of the front and rear bumpers)	O
• (7Q9) GPS Navigation system	O
• (4X4) Rear seat-mounted side airbags	O
• (CF6) 17" 5-spoke alloy wheel / twin spoke dimensional effect	O
• (7X1) 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
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1) Dealer installation also available

Interior Colors				Cricket Leather Seating		
				Platinum / Saber black HA	Fern green / Desert grass HB	Ecru / Light brown HC
Exterior Colors	Contrast Color	Standard Painting	Full-Body Painting (PWF)			
• Highland Green	Dark gray	7S7F	7S7S	x	x	
• Light silver	Dark gray	5B7F	5B5B	x		
• Atlas gray	Dark gray	4A7F	4A4A	x		
• Brilliant black	Dark gray	A27F	-	x		x
• Alpaka beige	Dark gray	Y57F	-	x		x
• Cobalt Blue	Dark gray	5F7F	5F5F	x		x
Available with PWF option						
• Ebony Pearl		-	4Z4Z	x		x
• Canvas Beige		-	2W2W	x		x

Interior Component Colors

	Upper dashboard	Lower dashboard	Carpet	Headliner	Seats
Platinum / Saber black	Black	Black	Black	Silver	Gray
Fern green / Desert grass	Green	Green	Green	Green	Green
Ecru / Light brown	Light brown	Light brown	Light brown	Ecru	Ecru

- **Standard 4.2**



7.5 J X 18 ET 25
5-spoke alloy wheel
Pr. No. CL3

245 / 45 R 18 97 W tire* (H6V)
Dunlop SP Sport 9000

- **Optional 4.2**



7.5 J X 17 ET 25
5-spoke alloy wheel /
twin spoke dimensional effect
Pr. No. CF6

225 / 55 R 17 97 H tire (H3H)
Pirelli P6 allroad
Goodyear Wrangler F1 allroad

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 roor 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	n/a mpg
Highway	n/a mpg

date	change	reason	worksheet name