

2005 Audi allroad quattro 2.7 T
Standard 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 pressure 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



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



U.S. Option Program

Legend:		Audi allroad quattro 2.7 T
O = Optional	X = Included in package	
Options		
• Premium package		O
Memory for driver's seat and exterior mirror positions		X
Xenon high intensity discharge headlights		X
Automatic dimming interior mirror with digital compass		X
Electrically folding and auto-dimming exterior mirrors		X
HomeLink® 3 channel remote transmitter located in driver's sunvisor		X
Power sunroof		X
4-spoke multifunction steering wheel		X
Cricket Leather Seating		X
Manual Rear Side Window Sunshades		X
• Cold Weather package		O
Heated Front and Rear Seats		X
Ski Sack		X
• Infotainment package		O
Bose® 200 watt premium sound system with subwoofer		X
Satellite Radio (Choice of XM or Sirius)		X
Separate options		
• 17" 5-spoke alloy wheel / twin spoke dimensional effect		O
• GPS Navigation system		O
• Rear seat-mounted side airbags		O
• Parktronic		O
• Full Body Painting		O
• 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

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"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 Johnson Controls, Inc.

1) Dealer installation also available



2005 Audi allroad quattro 2.7T
Technical Specification

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		

2005 Audi allroad quattro 2.7T
Technical Specification



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	16.0 mpg		16.0 mpg		
Highway	23.0 mpg		22.0 mpg		
Combined	18.0 mpg		19.0 mpg		
FUEL ECONOMY: Canadian Estimate					
		Manual		Automatic	
City	14.8 l/100km		14.3 l/100km		
Highway	9.4 l/100km		9.8 l/100km		