



2004 Audi allroad quattro® 2.7 T

Technical Specifications

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 syncro 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	TORSEN® (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)
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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 mpg		16 mpg		
Highway	23 mpg		22 mpg		
Combined	18 mpg		19 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		

**2004 Audi allroad quattro 2.7 T
Equipment**



Legend:		Audi allroad quattro® 2.7 T
x = Standard	o = Optional	
Technical		
• 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		x
• 6-speed manual transmission with synchronized reverse gear		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		o
• 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		x
• ESP -(Electronic Stabilization Program)		x
Wheels / Tires / Suspension / Steering		
• 7.5 J X 17 5-spoke allroad design with 225 / 55 97 H allroad all-season high performance tires		x
• 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)		o
• Two-pad front brakes		x
• Deflated temporary 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 steering wheel		x
• Leather covered 4-spoke multifunctional steering wheel		o
• Tilt and telescoping manually adjustable steering column		x
Exterior		
• 2.5 MPH (Federal light truck standard) bumpers		x
• Bumper covers, flender 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
• 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		
• Aerodynamic halogen headlights, 3-way lights, including integrated ellipsoid low beam		X
• Xenon high intensity, low-beam headlights		O
• Two front fog lights located in lower front 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
• 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 automatically 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
• 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 function, 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		O



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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 and climate control)		o
• Front and rear heated seats		o
Interior		
• Cloth upholstery		x
• Cricket leather seat upholstery, including door panel inserts		o
• Walnut wood interior trim		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 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)		



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Instrumentation and Electrical Equipment (continued)		
• 140-watt 8-speaker sound system with subwoofer located in trunk		x
• 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 (delayed introduction)		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 Thether 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



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



2004 Audi allroad 2.7T quattro

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
4BH579	allroad	Wagon	6-Speed Manual	quattro	\$ 39,950
4BH57Z	allroad	Wagon	5-Spd Automatic Tip.	quattro	\$ 39,950

2.7T

N7Z	Cloth Upholstery			S	NC
PPX	<u>Premium Package</u> <i>Leather Upholstery</i> <i>Glass Sunroof (w/Power, Tilt, Slide, "PreSelect")</i> <i>Xenon Headlights</i> <i>Auto-dimming Interior Mirror with Compass</i> <i>Auto-dimming and Electrically Folding Exterior Mirrors</i> <i>Memory for Driver's Seat and Mirror Adjustments</i> <i>HomeLink® Remote Transmitter</i> <i>Multi-Function Steering Wheel</i> <i>Manual Rear Side Sunshades</i>			O	3,600
PAW	<u>Cold Weather Package</u> <i>Heated Front and Rear Seats</i> <i>Ski Sack</i>			O	750
PSR	<u>Premium Audio Package</u> <i>BOSE® Premium Sound System</i> <i>Sirius® Satellite Radio</i>			O	1100
PXM	<u>Premium Audio Package</u> <i>BOSE® Premium Sound System</i> <i>XM® Satellite Radio</i>			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	950
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