

Technical Specifications		2002 Audi A6 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	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	Gear pump, pressurized, full flow with oil cooler		
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, pre catalytic converters close to engine, two main catalytic converters underfloor, oxygen sensing for each cylinder bank with four heated oxygen sensors		
ELECTRICAL SYSTEM:			
Battery	12 volts	70 amp/hr	
Alternator	14 volts	120 amp	
DRIVETRAIN:			
Transmission	Five-speed manual with syncro reverse or five-speed automatic with Tiptronic®, Dynamic Shift Program, automatic shift lock and new "Sport-mode" setting		
Type	quattro®		
		Manual	Automatic
Gear ratios: 1st		3.500 : 1	3.665 : 1
2nd		1.889 : 1	1.999 : 1
3rd		1.231 : 1	1.407 : 1
4th		0.987 : 1	1.000 : 1
5th		0.806 : 1	0.742 : 1
6th		0.684 : 1	-
Reverse		3.455 : 1	4.096 : 1
Final Drive		4.111 : 1	3.511 : 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	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.	11.7 m	
SUSPENSION:			
Front	Four link, upper and lower control arms, stabilizer bar, coil spring, shock absorbers (gas charged)		
Rear (quattro®)	Double control arm (upper and lower), stabilizer bar, coil springs, shock absorbers (gas charged)		
BRAKES:			
Service brake	Diagonally split dual circuits, ABS/EBV; brake servo. At front, ventilated discs with one piston and 2 break pads (high performance 2-pad break), 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)

2002 Audi A6 2.7 T

WHEELS:

Size	16" 5-spoke design, cast alloy
	17" Stand-alone & Sport Package, BBS alloy wheel
	17" Stand-alone, 5-spoke alloy wheel

TIRES:

Size	P235/45 R17 performance (H8A)
	P215/55 R16 all-season (H9P)

BODY:

Material	Fully galvanized (both sides) steel, aluminum front 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		108.7 in.	2760 mm		
Track:	front / rear	60.9 in.	1546 mm	/	61.8 in. 1569 mm
Overall length		192.0 in.	4877 mm		
Overall width (with mirrors)		76.1 in.	1932 mm		
Height (unloaded)		57.2 in.	1452 mm		
Ground clearance (loaded)		4.2 in.	107 mm		
Curb weight	man. / auto.	3759 lbs.	1705 kg	/	3924 lbs. 1780 kg
Distribution	% front / rear	59 / 41		/	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	37.5 in.	953 mm	/	37.8 in. 961 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:

		quattro®	
		Manual	Automatic
0-50 mph (0-80km/h)		4.7 sec.	4.9 sec.
0-60 mph (0-100 km/h)		6.0 sec.	6.6 sec.
1/4 mile		14.7 sec.	15.1 sec.
Top speed	Top speed is electronically limited to 130 mph (209 km/h) for North America		

FUEL ECONOMY:

EPA Estimate

		Manual	Automatic
City		17.0 mpg	17.0 mpg
Highway		24.0 mpg	24.0 mpg
Combined		20.0 mpg	20.0 mpg

FUEL ECONOMY:

CANADIAN Estimate

		Manual	Automatic
City		13.7 l/100km	13.8 l/100km
Highway		8.9 l/100km	8.9 l/100km

2002 Audi A6 2.7 T
Equipment



Legend x = Standard O = Optional P = Package	A6 2.7 T Sedan
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, ME 7.0 Motronic® with electronic throttle control • 6-speed manual transmission with synchronized reverse gear • 5-speed HP-24 automatic transmission with Tiptronic® and DSP (selects from over 200 shift programs to match driver needs), hill detection capability and new "Sport-mode" setting • quattro® IV - permanent all-wheel drive system with Torsen® torque sensing center differential • Anti-lock brake system (ABS 5.3) 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 5.7 - Electronic Stabilization Program with break assist 	<ul style="list-style-type: none"> x x O x x x x x
Wheels / Tires / Suspension / Steering	
<ul style="list-style-type: none"> • 5 spoke 7J x 16 inch cast alloy wheels with P215/55 R16 all-season tires • 17" cross-spoke wheels (stand-alone & sport package) with P235/45 R17 performance tires • Sport suspension with: <ul style="list-style-type: none"> - body lowered 20mm - shocks with 40% increased compression damping - 30% stiffer spring rate - thicker stabilizer bar • Full size spare tire with alloy wheel • FNR60 high-performance, two-pad front brakes • Four-link front suspension • Double A-arm rear suspension • Servotronic® - vehicle speed-sensitive power rack & pinion steering • Leather covered 4-spoke steering wheel in matching dashboard color • Tilt and telescopic (manual) adjustable steering column • Multifunctional steering wheel with audio controls 	<ul style="list-style-type: none"> x P / O P x x x x x x x x P
Exterior	
<ul style="list-style-type: none"> • 5 MPH (Federal standard) bumpers, painted in body color • Bumper covers contoured to be flush with body surface and profile • Protective side moldings, painted in body color • Body color, flush door handles • Bright trim around side windows and lower trunk lid • Body color outside mirrors; left side flat, right side convex • Heatable windshield washer nozzles • Metallic and pearl effect paint at no extra charge • Aluminum door sill strips with "Audi" script • Visible dual exhaust • Powerglass slide/tilt sunroof with sunshade • Nomenclature: <ul style="list-style-type: none"> - A6 on rear deck lid - left - 2.7 T on rear deck lid - right - Four rings on center of rear deck lid & front grille - 80 mm quattro badge on: <ul style="list-style-type: none"> rear deck lid - right front grille - right dashboard belt line trim - right 	<ul style="list-style-type: none"> x x x x x x x x x O x x x x

2002 Audi A6 2.7 T
Equipment



Legend x = Standard O = Optional P = Package	A6 2.7 T Sedan
Seating	
<ul style="list-style-type: none"> • 12-way power front driver and passenger seats with electric lumbar adjustment and lockable head • 3 adjustable head restraints for rear seat • 1/3, 2/3 split folding rear seat with lockable seat backs • Folding front center armrest with adjustable height • Sport front seats • 3-position memory for driver and passenger seat (drivers side memory controls seats, mirrors, steering wheel position and climate control) • Front and rear heated seats 	x x x x P P O
Interior	
<ul style="list-style-type: none"> • Leather seat upholstery with door panel inserts • Leather shift knob • Full length center console with: <ul style="list-style-type: none"> - forward storage area in front of shift selector / fold out cup holder - storage area under front center armrest area - adjustable rear passenger air vents and rear power outlet • Two retractable front cup holders (one in dash and one in center console) (The cup holder in center console is not available with Audi Navigation System) • Retractable storage tray in left side of center dashboard console • Two retractable rear cup holders (located in rear center armrest) • Owners manual wallet (storage area) below steering column • Rear seat heater vents under front seats • Genuine wood inlays in instrument panel, center console, and door panels • Front and rear floor footwell mats • Four tie-down eyelets with cargo net in trunk • Tool kit located in left rear storage compartment in luggage area • Fold down rear center armrest • Auto dimming inside mirrors and dimming / folding outside rearview mirrors • Power rear window sunshade with manual rear side window sunshades 	O x x x x x x x x x x x x x x x P O
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 and interior monitoring sensors with defeat switch in driver's side B-pillar • Windshield wipers with large sweep area and 4-position interval rates 	x x x x x

2002 Audi A6 2.7 T
Equipment



Legend x = Standard O = Optional P = Package	A6 2.7 T Sedan
Instrumentation and Electrical Equipment (Continued)	
<ul style="list-style-type: none"> • 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 • Bose® 200 Watt Premium Sound System with subwoofer • Integrated digital portable phone with voice recognition (delayed introduction) • OnStar telematics hardware with 1 year service and phone preparation (delayed introduction) • Pre-wiring for 6-disc CD changer (with mounting bracket in trunk) • Diversified (four) rear window glass radio antenna • Audi Navigation System 	x x O O O x x O
Safety	
<ul style="list-style-type: none"> • Driver and front passenger next generation airbag supplemental restraints • Front seat-mounted side airbags • Rear seat-mounted side airbags • Inflatable "SIDE GUARD" curtain airbags • Front 3-point safety belts with automatic pretensioning and 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) • Rear child seat tether anchors • Child-safety rear door locks • Central locking system with safety unlock feature (unlocks doors and turns on interior lights if airbag) • Active reflectors in rear of all doors • Locking headrests for front seats • Emergency warning triangle located in rear deck lid • Rear Parktronic™ Acoustic Parking System • First Aid kit in rear center armrest • Trunk release handle in trunk interior • Immobilizer III transponder system 	x x O x x x x x x x x x x x x x P x x x

2002 Audi A6 2.7 T
Option Program



Legend	A6 2.7 T Sedan
x = Included in package	
O = Optional	
- = Not available	
Options	
<ul style="list-style-type: none"> • Premium Package - Multi-function steering wheel with audio controls - Xenon high intensity, low and high beam headlights - Rear Parktronic™ 	<p>O</p> <p>x</p> <p>x</p> <p>x</p>
<ul style="list-style-type: none"> • Convenience Package - HomeLink® - Auto dimming interior mirrors with compass / Auto dimming and folding exterior mirror - Seat memory for driver and passenger seats 	<p>O</p> <p>x</p> <p>x</p> <p>x</p>
<ul style="list-style-type: none"> • Sport Package - Sport front seats - Sport suspension (body lowered 20mm; spring rate 30% stiffer; shock absorber 40% more compression damping; increased diameter stabilizer bar) - 17 inch cross-spoke alloy wheels with 235/45 R17 performance tires * 	<p>O</p> <p>x</p> <p>x</p> <p>x</p>
Separate Options	
<ul style="list-style-type: none"> • Audi Navigation System • Rear side airbags • Sunroof • Bose® 200 Watt Premium Sound System with subwoofer • Front and rear heated seats • Leather • 17 inch cross-spoke alloy wheels with 235/45 R17 performance tires * • Power rear window sunshade with manual rear side window sunshades • OnStar telematics hardware with 1 year service and phone preparation ** • Motorola® digital/portable phone (in combination with OnStar) ** 	<p>O</p> <p>O</p> <p>O</p> <p>O</p> <p>O</p> <p>O</p> <p>O</p> <p>O</p> <p>O</p> <p>O</p>
<p>* available in package or as separate option, includes temporary square tire</p> <p>** delayed introduction</p>	
Warranty Information for all models	
United States / Canada	
<ul style="list-style-type: none"> • 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 <p>"quattro" is a registered trademark of Audi AG "multitronic" 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. "Servotronic" is a registered trademark of the AM General Corporation. "Motorola" is a registered trademark of Motorola, Inc. "HomeLink" is a registered trademark of Prince Corporation, Holland, Michigan. "Bose" is a registered trademark of the Bose Corporation. Covered by patent rights issued and/or pending. "Parktronic" is registered trademark of Audi AG "FrontTrak" is a registered trademark of Audi AG "OnStar" is a registered trademark of OnStar, Corp.</p>	



Retail Prices
 Audi of America, Inc.
 Effective: 1-September-01

2002 Audi A6 2.7T

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
4B2579	A6 2.7T	Sedan	6-Speed Manual	quattro	\$ 39,750
4B257Z	A6 2.7T	Sedan	5-Spd Automatic Tip.	quattro	\$ 39,750
<u>2.7T</u>					
		Cloth Upholstery		O	NC
		Leatherette Upholstery		O	NC
N1H		Leather Upholstery		O	1,550
D4D4		Pearlescent White Paint		O	1,200
PPD		<u>Convenience Package</u> <i>Auto-dimming Interior Mirror with Compass</i> <i>Auto-dimming and Electrically Folding Exterior Mirrors</i> <i>HomeLink® Remote Transmitter</i> <i>Memory for Front Seat Positions</i>		O	730
PCC		<u>Preferred Luxury Package</u> <i>Leather Upholstery</i> <i>Glass Sunroof (w/Power, Tilt, Slide, "PreSelect")</i>		O	1,800
PPX		<u>Premium Package</u> <i>Xenon High Intensity Discharge Headlights (High & Low Beams)</i> <i>Rear Parktronic®</i> <i>Multi-Function Steering Wheel</i>		O	1,275
PST		<u>Sport Package</u> <i>Sport Suspension</i> <i>Sport Front Seats</i> <i>17" Cross-Spoke Cast Alloy Wheels</i> <i>17" Performance Tires</i> <i>(Includes mini spare tire)</i>		O	1,425
PQP		17" Cross-Spoke Cast Alloy Wheels, Performace Tires <i>(Includes mini spare tire)</i>		O	675
7Q9		Audi Navigation System (Includes Map CD's)		O	1,350
3FE		Glass Sunroof (w/Power, Tilt, Slide, "PreSelect")		O	1,000
8RY		BOSE® Premium Sound system		O	750
4A4		Heated Front and Rear Seats		O	550
3Y5		Power Rear & Manual Side Sunshades		O	450
4X4		Rear Side Airbags		O	350
0LM		California Emissions Requirements		O	NC
1QE		Northeast Trading Region Emissions Req.		O	NC

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 2002 MY Prices