

Technical Specifications		2002 Audi S6 Avant	
ENGINE:			
Type	DOHC aluminum alloy 90 degree V8, LEV exhaust standard		
Arrangement	Front mounted, longitudinal		
Bore	3.32 in.	84.5 mm	
Stroke	3.66 in.	93.0 mm	
Displacement	255 cu. in.	4172 cc	
Compression ratio	11.0 : 1		
Fuel requirement	Premium unleaded (91 AKI) recommended for maximum performance		
Horsepower (SAE)	340 hp	@	7000 rpm
Max. Torque	310 lbs. ft.	@	3400 rpm
ENGINE DESIGN:			
Cylinder block	Aluminum alloy		
Crankshaft	Forged steel, 5 main bearings		
Cylinder head	Aluminum alloy		
Valve train / intake	DOHC, belt driven, hydraulic lifters/ 3 path variable intake manifold, roller camshaft followers, variable intake camshaft timing		
Firing order	1 - 5 - 4 - 8 - 6 - 3 - 7 - 2		
Cooling system	Water-cooled, thermostatically controlled radiator fan		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection / Ignition system	ME 7.0 Motronic® with electronic multi-point sequential fuel injection, hot film air mass sensor, solid state direct ignition with multiple coils, dual knock sensors with cylinder selective knock control and fully adaptive controls, electronic throttle control		
Emission system	Dual 3-way catalytic converters with individual (four) oxygen sensors		
ELECTRICAL SYSTEM:			
Battery	12 volts	92 amp/hr	
Alternator	14 volts	150 amp	
DRIVETRAIN:			
Transmission	Electronically controlled five-speed automatic with Tiptronic®, dynamic shift program (DSP) and hill detection capability, lock-up torque converter and automatic shift lock		
Type	quattro®		
Gear ratios: 1st	3.571 : 1		
2nd	2.200 : 1		
3rd	1.508 : 1		
4th	1.000 : 1		
5th	0.803 : 1		
Reverse	4.095 : 1		
Final Drive	2.727 : 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		
Turns (lock-to-lock)	2.8		
Turning circle (curb-to-curb)	38.3 ft.	11.68 m	
SUSPENSION:			
Front	Four link with upper and lower control arms, stabilizer bar, coil spring/shock absorber struts (gas charged)		
Rear (quattro®)	Double control arm (upper and lower), stabilizer bar, coil springs, shock absorber (gas charged)		
BRAKES:			
Service brake	Diagonally split dual circuits, ABS/EBV; brake booster 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 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		

WHEELS:

Size	8J x 17" Avus Design 6-spoke alloy wheel
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TIRES:

Size	255/40 ZR 17 high performance tire
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BODY:

Material	Fully galvanized (both sides) steel, aluminum front hood and front fender
Corrosion protection	Multi-step anti-corrosion protection

CAPACITIES:

Engine oil	8 qt.	7.5 liter
Fuel tank	21.7 gal.	82 liter
Cooling system	11.6 qt.	11 liter

EXTERIOR DIMENSIONS:

Wheelbase	108.6 in.	2759 mm
Track: front / rear	62.1 in.	1578 mm / 62.6 in. 1590 mm
Overall length	193.4 in.	4913 mm
Overall width (with mirrors)	76.1 in.	1932 mm
Height (unloaded)	57 in.	1448 mm
Ground clearance (loaded)	4.8 in.	123 mm
Curb weight auto.	4024 lbs.	1825 kg
Distribution % front / rear	60 / 40	

INTERIOR DIMENSIONS:

Seating Capacity	5 with rear seat			
EPA class	Mid-size			
Head room front / rear	39.3 in.	998 mm	/	37.9 in. 963 mm
w/sunroof front / rear	38.5 in.	980 mm	/	37.6 in. 956 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)	36.4 cu. ft.			(with rear seat folded) 73.2 cu. ft.

PERFORMANCE:

Automatic

0-50 mph (0-80kmh)	4.9 sec.
0-60 mph (0-100 km/h)	6.5 sec.
1/4 mile	14.5 sec.
Top speed	Top speed is electronically limited to 155 mph (250 km/h) for North America

FUEL ECONOMY:

EPA Estimate

	Automatic	
City	14.0	mpg
Highway	21.0	mpg
Combined	16.0	mpg

FUEL ECONOMY:

CANADIAN Estimate

	Automatic	
City	17.2	l/100km
Highway	10.4	l/100km

2002 Audi S6 Avant Equipment



Legend x = Standard O = Optional P = Package	S6 Avant
Seating	
<ul style="list-style-type: none"> • Front sport seats • Non-sport front seats • 12-way power front driver and passenger seats with electric lumbar adjustment and lockable head restraints • 3-position memory for driver and passenger seat (drivers side memory controls seats, mirrors, steering wheel position and climate control) • 3 adjustable head restraints for rear seat • Heated front seats • Heated rear seats • Folding front center armrest with adjustable angle • 1/3, 2/3 split folding rear seat with lockable seat backs 	x O x x x x O x x
Interior	
<ul style="list-style-type: none"> • Leather 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 - 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 dashboard, center console, and door panels • Front and rear floor footwell mats • Four tie-down eyelets with luggage 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 • Expandable ski sack • Retractable rear luggage area partition net (attached to rear 2/3 seat back) • Retractable / removable rear luggage cover • Retractable rear window sunshade on 5th door • Alcantara interior trim package (incl. Alcantara seat inserts) • Manual rear side window sunshades • Headliner upholstered in Alcantara • Alcantara seat inserts 	x x x x x P P x P
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 	x x x x

**2002 Audi S6 Avant
Equipment**

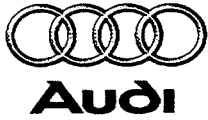


Legend x = Standard O = Optional P = Package	S6 Avant
Instrumentation and Electrical Equipment (Continued)	
<ul style="list-style-type: none"> • Windshield wipers with large sweep area and 4-position interval rates • Rear window wiper and washer • Symphony II 2-DIN AM/FM radio with cassette, 6-disc CD-player 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) • Bose® 200 Watt Premium Sound System with subwoofer • Diversity (four) rear window glass radio antenna • Integrated digital portable phone with voice recognition (delayed introduction) • OnStar telematics hardware with 1 year service and phone preparation (delayed introduction) • Audi Navigation System 	x x x x x O 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) • 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 with rear deck lid • Emergency warning triangle located in rear deck lid • Locking headrests for front seats • Rear child seat tether anchors • Rear facing child seats • First Aid kit in rear center armrest • Rear Parktronic™ Acoustic Parking System • Immobilizer III transponder system 	x x x O x x x x x x x x x O x O x

**2002 Audi S6 Avant
Option Program**



Legend	O = Optional	- = Not available	S6 Avant
Options			
<ul style="list-style-type: none"> • Leather / Alcantara package - Alcantara seat inserts 			O x
<ul style="list-style-type: none"> • Warm Weather package - Solar sunroof - Manual side sunshades 			O x x
Separate Options			
<ul style="list-style-type: none"> • Motorola® digital/portable phone with voice control (in combination with OnStar) * • OnStar telematics hardware with 1 year service and phone preparation * • Rear side airbags • Audi Navigation System • Rear Parktronic™ Acoustic Parking System • Heated rear seats (heated front seats standard) • Rear facing child seat • Non-Sport front seats (N/C) <p>* delayed introduction</p>			O O O O O O O O
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-October-01

2002 Audi S6 Avant

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
4B654Z	S6	Wagon	5-Spd Automatic Tip.	quattro	\$ 58,700
				4.2	
		Leather Seat Upholstery		S	NC
D4D4		Pearlescent White Paint		O	1,200
PLE		Alcantara Seat Inserts		O	250
PWX		<u>Warm Weather Package</u> Solar Sunroof Manual Rear Side Window Sun Shades		O	750
PKS		Rear Facing Removable Children's Bench Seat		O	750
7Q9		Audi Navigation System (Includes Map CD's)		O	1,350
4X4		Rear Side Airbags		O	350
7X1		Rear Parktronic		O	350
Q1A		Heated Luxury Front Seats (replaces standard sport seats)		O	NC
4A4		Heated Rear Seats		O	250
0LM		California Emissions Requirements		O	NC
1QE		Northeast Trading Region Emissions Req.		O	NC
996		Gas Guzzler Tax		M	2,100

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