

Technical Specifications		2002 Audi S4 Avant	
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 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		
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	6-speed manual transmission with synchronized reverse gear 5-speed automatic transmission with DSP and hill detection capability and tiptronic®		
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	0.967 : 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	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 with power assistance		
Ratio	16.2:1		
Turns (lock-to-lock)	3.1		
Turning circle (curb-to-curb)	37.4 ft.	11.4 m	
SUSPENSION:			
Front	Independent four-link with virtual steering axis and tubular anti-roll bar; twin-tube gas-filled shock absorbers, coil springs, spring rebound stops, guide arms with hydraulically damped pivot bearings		
Rear	Double wishbone, with anti-roll bar		
BRAKES:			
Service brake	Diagonally split dual circuits, ABS/EBV; brake servo. At front, ventilated discs and high-performance four-pad HP2 calipers, at rear, 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	7.5J x 17 Avus design cast alloy wheel
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TIRES:

Size	225/45/17 performance tire
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BODY:

Material	Fully galvanized (both sides) steel
Corrosion protection	Multi-step anti-corrosion protection

CAPACITIES:

Engine oil	6.3 qt.	6 liter
Fuel tank	16.4 gal.	62 liter
Cooling system	6.3 qt.	6 liter

EXTERIOR DIMENSIONS:

Wheelbase	102.6 in.	2607 mm
Track: front / rear	58.9 in.	1498 mm / 58.7 in. 1490 mm
Overall length	176.7 in.	4487 mm
Overall width (incl. mirrors)	72.7 in.	1848 mm
Height (unloaded, excl. roof rails)	54.9 in.	1396 mm / 55.8 in. 1418 mm w / roof rails
Ground clearance (unloaded) man. / auto.	3.5 in.	90 mm / 3.5 in. 90 mm
Curb weight man. / auto.	3704 lbs.	1680 kg / 3814 lbs. 1730 kg
Distribution % front / rear	58 / 42	59 / 41
Drag coefficient	Cw = 0.31 Frontal Area = 2.03 sq. m.	

INTERIOR DIMENSIONS:

Seating Capacity	5		
EPA class	Compact		
Head room front / rear	38.1 in.	969 mm / 36.8 in. 936 mm	
with sunroof front / rear	36.6 in.	930 mm / 36.3 in. 923 mm	
Shoulder room front / rear	54.7 in.	1389 mm / 53.4 in. 1357 mm	
Leg room front / rear	41.3 in.	1049 mm / 33.4 in. 848 mm	
Int. vol. (EPA) front / rear	49.9 cu. ft.	1413 liter / 39.0 cu. ft. 1104.5 liter	
Luggage capacity (EPA)	31.3 cu. ft.	63.7 cu. ft. (with seats folded)	

PERFORMANCE:

0-50 mph (0-80kmh)	n.a. sec.	n.a. sec.	sec.
0-60 mph (0-100 km/h)	6.0 sec.	6.7 sec.	
1/4 mile	14.7 sec.	15.2 sec.	
Top speed	Top speed is electronically limited to 143 mph (230 km/h) for U.S.		

FUEL ECONOMY:

	EPA estimate	
	Manual	Automatic
City	17.0 mpg	17.0 mpg
Highway	23.0 mpg	24.0 mpg
Combined	20.0 mpg	20.0 mpg

FUEL ECONOMY:

	CANADIAN Estimate	
	Manual	Automatic
City	13.6 l/100km	13.7 l/100km
Highway	9.2 l/100km	9.1 l/100km

2002 Audi S4 quattro Equipment



Legend	S4 Sedan	S4 Avant
x = Standard O = Optional - = Not available		US only
Seating		
<ul style="list-style-type: none"> • 10-way power driver and front passenger seats including electric lumbar adjustment and lockable head restraints • 2 adjustable head restraints for rear seat; 2 3-point safety belts and center lap belt • 3 adjustable head restraints for rear seat; three 3-point rear safety belts • Front seat-back map pockets • 60/40 split folding rear seat with individual locks 	x x - x x	x - x x x
Interior		
<ul style="list-style-type: none"> • Silk nappa leather upholstery, including door panel inserts and armrests • Front and rear floor mats • Genuine birds-eye maple wood trim on dashboard door panel interior beltline and center console • Leather wrapped 3-spoke sport steering wheel in dashboard color with S4 logo • Tiptronic® controls on steering wheel • Leather covered transmission shift knob, shift boot and hand brake handle • Folding front center armrest with adjustable height and storage area for cellular telephone • Full length center console with: <ul style="list-style-type: none"> - storage tray and rear ashtray - fold out cup holder - additional power outlet (SAE) • Power outlet in the trunk • Fold down rear center armrest • Aluminum door sill trim with S4 script • Ambient lighting in headliner for dash and center console • Illuminated air vent controls in dashboard • Four tie-down eyelets with luggage net in trunk • Expandable ski sack • Retractable luggage cover • Tool kit located in left rear storage compartment in luggage area 	x x x x O x x x x x - x x x x x x x x x x - x	x x x x O x
Instrumentation and Electrical Equipment		
<ul style="list-style-type: none"> • Driver information display including: <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 	x	x

**2002 Audi S4 quattro
Equipment**



Legend x = Standard O = Optional - = Not available	S4 Sedan	S4 Avant US only
Instrumentation and Electrical Equipment (continued)		
• Backlit instrument cluster with automatic brightness control including: - white/red illumination, digital clock with date, voltmeter - tachometer, electronic speedometer - fuel gauge, oil temperature gauge	x	x
• Digital odometer with trip odometer and service interval indicator	x	x
• Windshield wipers with 4-position adjustable intermittent interval rate	x	x
• Anti-theft vehicle alarm system with blinking theft deterrent lights on front doors, and interior monitoring sensor, defeat switch for interior sensor located in driver's side B-pillar	x	x
• Symphony 2-DIN radio with cassette, 1-disc CD-player and: - RBDS (Radio Broadcast Display System displays radio station call letters and other information) - GALA (Graduated Audio Level Adjustment, varies volume based on vehicle speed)	x	x
• 6-speaker 80 Watt sound system	x	x
• Diversity (four) rear window glass radio antenna	x	x
• Pre-wiring for Motorola® hands-free telephone (includes speaker, microphone and transceiver mounting bracket)	x	x
• Pre-wiring for 6-disc CD changer (includes mounting bracket in trunk)	x	x
• Rear window defroster	x	-
• Rear window defroster and rear wiper	-	x
Safety		
• Driver and front passenger next generation airbag supplemental restraints	x	x
• Driver and front passenger seat mounted side airbag supplemental restraints	x	x
• Inflatable "SIDEGUARD" curtain airbags	x	x
• Front 3-point safety belts with automatic pretensioning, height adjustable upper mounts and belt force limiters	x	x
• Rear outer seat 3-point safety belts with automatic pretensioning	x	-
• 3 rear seat 3-point safety belts with automatic pretensioning	-	x
• Rear center lap seat belt	x	-
• Front passenger and outboard rear safety belts with Convertible Locking Retractor (ALR and ELR modes)	x	x
• Central locking system with safety unlock feature (unlocks doors and turns on interior lights if airbag deploys)	x	x
• Emergency warning triangle located in rear deck lid	x	x
• Active reflectors in rear of all doors	x	x
• First Aid kit in rear center armrest	x	x
• Three child seat tether anchorage points	x	x

2002 Audi S4 quattro Option Program



Legend	S4 Sedan	S4 Avant (U.S. only)
x = included in package O = Optional - = Not available		
Optional Equipment		
• Premium package	O	O
- HomeLink® transmitter in sunvisor	X	X
- Glass sunroof	X	X
- Auto dimming inside and outside mirrors	X	X
• Cold Weather package	O	O
- Heated front seats with individual temperature control (standard in Canada)	X	X
- Expandable ski sack	X	
• Enhanced Sport package	O	O
- Leather with Alcantara seat inserts	X	X
- Silver aluminum belt line trim (replaces wood trim)	X	X
- Aluminum mirror housings	X	X
Separate options		
• 200 Watt Bose® Premium Sound System	O	O
• Audi Navigation System	O	O
• 6-disc CD changer	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 "Tiptronic" is a registered trademark of Dr. Ing. h. c. F. Porsche AG. "Torsen" is a registered trademark of Zexel-Gleason USA, Inc. "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.</p>		



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

2002 Audi S4 Avant

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
8D557Z	S4 2.7T	Wagon	5-Spd Automatic Tip.	quattro	\$ 40,500
8D5579	S4 2.7T	Wagon	6-Speed Manual	quattro	\$ 40,500
				<u>2.7T</u>	
				S	NC
				O	NC
		(Only Available with Sport Trim Package)			
D4D4	Pearlescent White Paint			O	1,200
WMM	<u>Sport Trim Package</u>			O	400
	Nappa Leather Seats w/Alcantara Inserts				
	Silver Aluminum Belt Line Trim (replaces wood)				
	Silver Aluminum Outside Rear View Mirrors				
PCX	<u>Premium Package</u>			O	1,200
	Glass Sunroof (w/Power, Tilt, Slide, "PreSelect")				
	Auto-dimming inside & outside Rearview Mirrors				
	HomeLink® Remote Transmitter				
PAW	Heated Front Seats			O	450
PBS	BOSE® Premium Sound system			O	650
7A2	6 Disc CD Changer			O	550
PNL	Audi Navigation System (Includes Map CD's)			O	1,350
PMT	Integrated Hands-free Mobile Phone			O	495
OLM	California Emissions Requirements			O	NC
1QE	Northeast Trading Region Emissions Req.			O	NC

Key: O = Optional NA = Not Available
 S = Standard 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