

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	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 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 booster 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.	4488 mm		
Overall width (incl. mirrors)	72.7 in.	1848 mm		
Height (unloaded)	54.9 in.	1396 mm		
Ground clearance (unloaded) man. / auto.	3.5 in.	90 mm	/	3.5 in. 90 mm
Curb weight man. / auto.	3593 lbs.	1630 kg	/	3704 lbs. 1680 kg
Distribution % front / rear	59 / 41		60 / 40	
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
w/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	/	38 cu. ft. 1076 liter
Luggage capacity (EPA)	13.67 cu. ft.	387.1 liter		

PERFORMANCE:

	Manual	Automatic
0-50 mph (0-80kmh)	4.6 sec.	4.8 sec.
0-60 mph (0-100 km/h)	5.9 sec.	6.5 sec.
1/4 mile	14.4 sec.	14.8 sec.
Top speed	Top speed is electronically limited to 143 mph (230 km/h) for North America	

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:

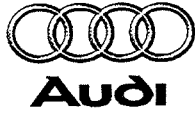
CANADIAN Estimate

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

2002 Audi S4 quattro Option Program



Legend	S4 Sedan	S4 Avant (U.S. only)
x = included in package O = Optional - = Not available		
Optional Equipment		
<ul style="list-style-type: none"> • Premium package - HomeLink® transmitter in sunvisor - Glass sunroof - Auto dimming inside and outside mirrors 	O x x x	O x x x
<ul style="list-style-type: none"> • Cold Weather package - Heated front seats with individual temperature control (standard in Canada) - Expandable ski sack 	O x x	O x
<ul style="list-style-type: none"> • Enhanced Sport package - Leather with Alcantara seat inserts - Silver aluminum belt line trim (replaces wood trim) - Aluminum mirror housings 	O x x x	O x x x
Separate options		
<ul style="list-style-type: none"> • 200 Watt Bose® Premium Sound System • Audi Navigation System • 6-disc CD changer 	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 "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

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
8D257Z	S4 2.7T	Sedan	5-Spd Automatic Tip.	quattro	\$ 38,900
8D2579	S4 2.7T	Sedan	6-Speed Manual	quattro	\$ 38,900
				<u>2.7T</u>	
		Nappa Leather Seat Upholstery		S	NC
		Nappa Leather/Alcantara Upholstery (Only Available with Sport Trim Package)		O	NC
D4D4		Pearllescent White Paint		O	1,200
WMM		<u>Sport Trim Package</u> Nappa Leather Seats w/Alcantara Inserts Silver Aluminum Belt Line Trim (replaces wood) Silver Aluminum Outside Rear View Mirrors		O	400
PCX		<u>Premium Package</u> Glass Sunroof (w/Power, Tilt, Slide, "PreSelect") Auto-dimming inside & outside Rearview Mirrors HomeLink® Remote Transmitter		O	1,200
PAW		<u>Cold Weather Package:</u> Heated Front Seats Ski Sack		O	600
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