

Technical Specifications		2002 Audi S8			
ENGINE:					
Type	DOHC aluminum alloy 90 degree V8 spark-ignition engine, 2-stage variable-length air intake				
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				
Fuel requirement	Premium unleaded (91 AKI) recommended for maximum performance				
Horsepower (SAE)	360 hp	@	7000 rpm		
Max. Torque	317 lb. 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 w/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	1.505 : 1			
	4th	1.000 : 1			
	5th	0.804 : 1			
	Reverse	4.085 : 1			
	Final Drive	3.730 : 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	15.7:1				
Turns (lock-to-lock)	2.7				
Turning circle (curb-to-curb)	40.2 ft.	12.25 m			
SUSPENSION:					
Front	Independent four-link, virtual steering axis, twin-tube gas-filled shock absorbers				
Rear (quattro)	Controlled-toe trapezoidal link, with lateral control arm and additional track rod, twin-tube gas-filled shock absorbers				
BRAKES:					
Service brake	Dual circuit, diagonally split; anti-lock system (ABS) with Electronic Braking-pressure Distribution (EBD); ventilated discs at front and rear, 4-piston fixed calipers at front				
Front, size and type	13.6 in.	345 mm	- Ventilated disc	345 x 30 mm	
Rear, size and type	11.0 in.	280 mm	- Ventilated disc	280 x 22 mm	
Parking brake	Mechanically actuated at the rear wheels				

WHEELS:

Size	8J x 18 cast aluminium, Avus styling
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TIRES:

Size	245 / 45 ZR 18 with performance tires
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BODY:

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

CAPACITIES:

Engine oil	8 qt.	7.5 liter
Fuel tank	23.8 gal.	90 liter
Cooling system	11.6 qt.	11 liter

EXTERIOR DIMENSIONS:

Wheelbase	113.4 in.	2880 mm
Track: front / rear	62.6 in.	1591 mm / 62.2 in. 1580 mm
Overall length	198.2 in.	5034 mm
Overall width (with mirrors)	79 in.	2007 mm
Height (unloaded)	55.8 in.	1418 mm
Ground clearance (loaded)	5 in.	126 mm
Curb weight auto.	4068 lbs.	1845 kg
Distribution % front / rear	60 / 40	

INTERIOR DIMENSIONS:

Seating Capacity	5		
EPA class	Mid-size		
Head room front / rear	38.9 in.	983 mm / 38.2 in.	971 mm
w/sunroof front / rear	37.1 in.	943 mm / 37.9 in.	964 mm
Shoulder room front / rear	58.3 in.	1480 mm / 57.1 in.	1500 mm
Leg room front / rear	41.3 in.	1049 mm / 38.4 in.	975 mm
Int. vol. (EPA) front / rear	51.7 cu. ft.	1464 liter / 48.1 cu. ft.	1362 liter (100 cu.ft.)
Luggage capacity (EPA)	17.6 cu. ft.	498 liter	(18.0 cu.ft.)

PERFORMANCE:

0-50 mph (0-80kmh)	n.a. sec.
0-60 mph (0-100 km/h)	6.3 sec.
1/4 mile	13.9 sec.
Top speed	Top speed is electronically limited to 155 mph (250 km/h) for North America

FUEL ECONOMY:

EPA Estimate

	Automatic
City	15.0 mpg
Highway	21.0 mpg
Combined	17.0 mpg

FUEL ECONOMY:

CANADIAN Estimate

	Automatic
City	16.0 l/100km
Highway	10.1 l/100km

**2002 Audi S8
Equipment**



Legend x = Standard O = Optional P = Package - = Not available	S8 4.2 quattro
Exterior (Continued)	
<ul style="list-style-type: none"> • Nomenclature: <ul style="list-style-type: none"> - Four rings on center rear of trunk lid - S8 emblem on front grille (at right) and boot lid (at left) - Four rings in center of grille - S8 logo on door sill trim • Polished dual exhaust tip • Fuel cap hanger feature • Tinted glass, dark tinted band on top of windshield 	x x x x x x x
Exterior Lighting	
<ul style="list-style-type: none"> • Aerodynamic halogen headlights, including integrated ellipsoid low beam • Xenon high intensity, low beam headlights with automatic self-leveling • Two front fog lights located in lower front bumper (fog lights as daytime running lights for Canadian vehicles) • Rear fog light (integrated in left rear light cluster) • High pressure headlight washers, retractable • Red taillight lenses with shine through amber turn signal light bulb • "Puddle" lights in all four doors 	x x x x x x x
Interior Lighting	
<ul style="list-style-type: none"> • Interior lights in front and rear headliner with fade-in and fade-out feature, time delay and automatic switch on when key is withdrawn from ignition • Front and rear reading lights located in headliner • Red ambient LED lighting in headliner for front center console illumination • Illumination for interior door release handles • Front and rear footwell lights • Illuminated glove box, trunk, lighter and ashtray 	x x x x x x
Comfort and Convenience	
<ul style="list-style-type: none"> • Fully automatic dual zone climate control system with "Rest" function (can operate when vehicle shut-off), dual sun sensors and smog sensor with activated charcoal filter • Power glass sunroof with both tilt and slide functions "pre-select" convenience closing system with pinch protection • Solar sunroof • Power windows with: <ul style="list-style-type: none"> - power retention (until either front door open) - "one-touch down" for all four windows - "pinch protection" for all four windows (reverses window at force >100N) - "one touch up" for driver and passenger front windows - driver controlled lock out switch for rear power windows • Electronic cruise control with coast, resume and speed-up features • Dual power outside mirrors with defog feature • Electrical rear window defogger with automatic timed shut off feature • Power central locking system (doors, deck lid and fuel door), with selective unlocking (enables unlocking of a single door or all doors), plus: <ul style="list-style-type: none"> - convenient close feature for windows & sunroof (functions by holding key in lock position) - master switch located in driver and front passenger door - convenient open for windows (functions by holding key in unlock position) • HomeLink® 3 channel remote transmitter located in driver's sunvisor • Audi Navigation System 	x x O x x x x x x O

**2002 Audi S8
Option Program**



Legend x = Included in package O = Optional - = not available	S8 4.2 quattro®
Options	
<ul style="list-style-type: none"> • Premium Package 	O
<ul style="list-style-type: none"> - Expandable ski sack 	x
<ul style="list-style-type: none"> - Power rear sunshade with manual rear side sunshades 	x
<ul style="list-style-type: none"> - Heated rear seats (Front heated seats are standard) 	x
<ul style="list-style-type: none"> • Leather / Alcantara Package 	O
<ul style="list-style-type: none"> - Headliner and hatshelf upholstery in Alcantara 	x
<ul style="list-style-type: none"> - Alcantara seat inserts 	x
Separate Options	
<ul style="list-style-type: none"> • Front and rear Parktronic™ 	O
<ul style="list-style-type: none"> • Audi Navigation System 	O
<ul style="list-style-type: none"> • OnStar telematics hardware with 1 year service and phone preparation * 	O
<ul style="list-style-type: none"> • Motorola® digital/portable phone with voice control (in combination with OnStar) * 	O
<ul style="list-style-type: none"> • Tire pressure monitoring system 	O
<ul style="list-style-type: none"> • Pearlescent white 	O
<ul style="list-style-type: none"> • Heated non-sport front seats 	O
<ul style="list-style-type: none"> • Solar sunroof (operates fresh air fans when vehicle parked in sun) 	O
* delayed introduction	
Warranty Information	
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 S8

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail
4D22FZ	S8 4.2	Sedan	5-Spd Automatic Tip.	quattro	\$ 72,500
				<u>4.2</u>	
		Leather Upholstery		S	NC
D4D4		Pearlescent White Paint		O	1,200
PPX		<u>Premium Package</u> <i>Heated Rear Seats (Heated front seats standard)</i> <i>Power Rear Window Sunshade and Side Manual Sunshades</i> <i>Ski Sack</i>		O	700
PNK		Audi Navigation System (Includes Map CD's)		O	1,350
7X2		Front and Rear Parktronic®		O	700
3FR		Sunroof Solar Panel (Replaces Glass Panel)		O	850
PPC		Premium Alcantara and Leather Trim Package		O	3,500
Q1A		Heated Luxury Front Seats (replaces standard sport seats)		O	NC
7K1		Tire Pressure Monitoring System		O	390
0LM		California Emissions Requirements		O	NC
1QE		Northeast Trading Region Emissions Requirements		O	NC
996		Gas Guzzler Tax		M	1,700

Key:

O = Optional
 S = Standard
 NA = Not Available
 NC = No Charge
 M = Mandatory

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