Technical Specifications	2002 Audi S8					
ENGINE:						
Туре	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						
Displacement	255 cu. in.					
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:	Aluminum alla					
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 /	ME 7.0 Motronic® with electronic multi-point sequential fuel injection, hot film air mass sensor, solid state direct ignition with					
Ignition system	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					
Туре	quattro					
Gear ratios: 1st	3.571:1					
2nd	2.200:11					
3rd	1.505 : 1					
4th	1,000 : 1					
5th	0.804 : 1					
Reverse	· .4.095 ; 1. <sup>11</sup>					
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:						
Туре	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 n. 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					
<u> </u>	,					

Technical Specifications (	continued)	2002 Audi S8
WHEELS:		
Size	8J x 18 cast aluminium, Avus styling	
TIRES:		
Size	245 / 45 ZR 18 with performance tires	
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:	110 40	
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 5934 mm	
Overall width (with mirrors)	79 in2007_mm ;	
Height (unloaded)	55.8 in. 2418 mm	
Ground clearance (loaded)	5 in. 126 mm /	
Curb weight auto.	4068 lbs. 1845 kg	
Distribution % front / rear	60 / 40	· · · · · · · · · · · · · · · · · · ·
INTERIOR DIMENSIONS:		- A COMPANY OF THE STATE OF THE
Seating Capacity	5	
EPA dass	Mid-size	
Head room front / rear	38.9 in. 988 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 1 / 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)	. 5,3 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	15.9 mpg	
Highway	21.0 mpg	
Combined	17.0 mpg	
FUEL ECONOMY:	CANADIAN Estimate	
	Automatic	
City	16.0 I/100km	
Highway	10.3 l/100km	
	1	



Legend	S8 4.2
x = Standard O = Optional P = Package -= Not available	quattro
Technical	
Aluminum alloy space frame and body panel construction	x
4.2 liter DOHC aluminum alloy 360 hp 90 degree V8 engine, 5-valves per cylinder, variable intake magnesium	×
manifold with 3 intake paths, direct ignition system, roller camshaft followers, variable intake camshaft timing	
<ul> <li>5-speed automatic transmission with Tiptronic® and DSP (selects from over 200 shift programs to match driver's needs) and hill detection capability</li> </ul>	×
• quattro IV® - permanent all-wheel drive system, includes Torsen® torque sensing center differential	×
• Anti-lock brake system (ABS 5.3) with front and rear Electronic Differential Locks (EDL) and electronic rear brake	x
pressure regulation	
ESP 5.7 - Electronic Stabilization Program	×
CFC-free (ChloroFlouroCarbon) air conditioning refrigerant	X
Wheels / Tires / Suspension / Steering	
Avus styling 8J X 18-inch wheels with 245/45 ZR 18 performance tires	×
Full size spare tire with alloy wheel	×
Servotronic® - vehicle speed-sensitive power rack & pinion steering	×
Leather covered 3-spoke sport steering wheel with Tiptronic® controls	×
(matched to chosen dashboard color)	
Trapezoidal link rear suspension with track control arm and upper locating link and stabilizer bar	X
Sport suspension with: - body lowered 20mm	X
- shocks with 40% increased compression damping	
- 30% stiffer spring rate	
- thicker stabilizer bar	
Electrically adjustable tilt and telescopic steering wheel with automatic tilt-away for ease of entry and exit	×
3-spoke sport steering wheel with Tiptronic® controls	x
Exterior	^
Aluminum outer mirror housings	х
Auto dimming outside rearview mirrors	х
Dual pane laminated "acoustic" glass for all windows	X
5 MPH (Federal standard) bumpers, painted in body color	×
Additional exterior chrome beltline trim	X
Protective side moldings, painted in body color  Body color, flush door handles	X
Heatable windshield washer nozzles	X
Metallic paint or pearl effect at no extra charge	X
	X



Legend	- Net evelleble	S8 4.2
x = Standard O = Optional P = Package  Exterior (Co	- = Not available	quattro
	nanacaj	
Nomenclature: - Four rings on center rear of trunk lid	. 13 . 1 . 1 . 10	×
- S8 emblem on front grille (at right) and bo	ot lid (at left)	x
- Four rings in center of grille		x
- S8 logo on door sill trim		X
Polished dual exhaust tip		X
Fuel cap hanger feature     Tieted along declarated band on the official declarated band of the official declarated band of the official declarated band on the official declarated band		X
Tinted glass, dark tinted band on top of windshield		X
Exterior Li	ghting	
Aerodynamic halogen headlights, including integrated ellipse	pid low beam	x
Xenon high intensity, low beam headlights with automatic set	lf-leveling	x
• Two front fog lights located in lower front bumper (fog lights	as daytime running lights for Canadian vehicles)	x
<ul> <li>Rear fog light (integrated in left rear light cluster)</li> </ul>		x
High pressure headlight washers, retractable		x
<ul> <li>Red taillight lenses with shine through amber turn signal light</li> </ul>	t bulb	x
<ul><li>"Puddle" lights in all four doors</li></ul>		×
Interior Lig	phting	
Interior lights in front and rear headliner with fade-in and fade	2-Out feature, time delay and automatic switch on when	×
key is withdrawn from ignition	out loading, time dolay and automatic switch on when	^
Front and rear reading lights located in headliner		x
<ul> <li>Red ambient LED lighting in headliner for front center consol</li> </ul>	e illumination	x
Illumination for interior door release handles		X
Front and rear footwell lights		x
<ul> <li>Illuminated glove box, trunk, lighter and ashtray</li> </ul>		x
Comfort and Co	nvenience	
<ul> <li>Fully automatic dual zone climate control system with "Rest"</li> </ul>	function (can operate when vehicle shut-off), dual sun	x
sensors and smog sensor with activated charcoal filter	(**************************************	^
<ul> <li>Power glass sunroof with both tilt and slide functions "pre-sel</li> </ul>	ect" convenience closing system with pinch protection	X
Solar sunroof		0
Power windows with:		x
<ul> <li>power retention (until either front door open)</li> </ul>		
-"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 fer	atures	X
Dual power outside mirrors with defog feature		X
Electrical rear window defogger with automatic timed shut off		X
<ul> <li>Power central locking system (doors, deck lid and fuel door), single door or all doors), plus:</li> </ul>	with selective unlocking (enables unlocking of a	X
- convenient close feature for windows & sunroof (function	s by holding key in lock position)	
master switch located in driver and front passenger door		
- convenient open for windows (functions by holding key in	1	
<ul> <li>HomeLink® 3 channel remote transmitter located in driver's s</li> </ul>	, ,	
Audi Navigation System	ui reisoi	X
- In the state of		0



Legend	S8 4.2
x = Standard O = Optional P = Package - = Not available	quattro
Comfort and Convenience (Continued)	
<ul> <li>Radio frequency remote locking system with selective unlock, remote trunk opening and panic function. Also activates interior lights and alarm system</li> </ul>	x
Folding ignition key with remote controls (including rear lid release)	x
Remote power trunk lid release button on driver's side B-pillar	x
Right and left illuminated vanity mirrors in sunvisors	x
4 assist handles with slow retraction feature and integrated reading lights	x
Heated door locks	x
Electric sunshade for rear window and manual sunshades for rear side windows	P
Seating	
Sports front seats, electrically adjustable, with lumbar support, seat heating and	x
position memory for driver and passenger seats	
14-way power front seat adjustment:	x
- 4-way lumbar adjustment	
- power head restraint adjustment	
- 4 memory positions for driver's seat, outside mirrors, head restraint height, steering wheel position	
and climate control settings	
Electrical front seat belt height adjustment	x
Front seat back map pockets	x
Heated rear seats	P
Front and rear door storage pockets	x
Dual front center armrests, folding and height adjustable with storage capability	x
Fold down rear center armrest	x
3 adjustable head restraints for rear seat	x
Concealable center rear headrest	x
Electrically adjustable rear seat head restraints	x
Power lumbar adjustment for rear outboard positions	x
Interior	
Valcona leather seat uphoistery	x
Headliner, hat shelf and seat inserts upholstery in Alcantara	Р
Leather shift knob	x
Full length center console with:	×
- forward storage bin	
- adjustable rear passenger air vents and rear seat heater controls	
- rear power outlet	
- storage area under front center armrests	
Heat vents to rear seat under the front seats, on bi-pillar and in rear center console	×
Gray birds-eye maple wood inlays in instrument panel and center console	×
Luggage net in trunk	x
Alcantara door inserts	×
Door sill trims at all four doors; aluminum inlays with S8 inscription	x
Front and rear floor mats	x
Expandable ski sack	Р





Legend	S8 4.2
x = Standard O = Optional P = Package - = Not available	quattro
Instrumentation and Electrical Equipment	
Backlit electro luminescent instrument cluster with automatic brightness control; including:	×
- tachometer, electric speedometer, fuel gauge, coolant temperature gauge	^
- digital clock with date	
- digital odometer and trip odometer	
Digital odometer with service interval indicator	×
Driver information display including:	×
- 8-color LCD	
- outside temperature display plus 5-function trip computer	
- radio display	
- active Auto Check system with speed warning device	
- pictogram display for open door and deck lid	
Anti-theft alarm system with interior monitoring sensors and defeat switch for interior monitoring	×
Windshield wipers with 4-position adjustable intermittent interval rate	×
Symphony II 2-DIN AM/FM radio with cassette, 6-disc CD-player and:	x
- RBDS (Radio Broadcast Display System displays radio station call letters and other information)	
<ul> <li>GALA (Graduated Audio Level Adjustment, varies volume based on vehicle speed)</li> </ul>	
Electronically dimming inside rearview mirror	×
Bose® 200 Watt Sound System with subwoofer	x
Diversified (four) antenna in rear window	×
Integrated digital portable phone with voice recognition (delayed introduction)	0
OnStar telematics hardware with 1 year service and phone preparation (delayed introduction)	0
Safety	
Driver and front passenger next generation airbags with dual threshold deployment and occupant detection	×
Front and rear (four) side airbags for front and rear outboard occupants, occupant detection for rear outboard	×
positions	
Inflatable "SIDEGUARD" curtain airbags	×
Front 3-point safety belts with automatic pretensioning, height adjustable upper mounts and belt force limiter	×
Three rear 3-point safety belts with automatic pretensioning and angle adjustment	X
• Front passenger side, and rear safety belts with Convertible Locking Retractor (ALR and ELR modes)	X
Rear child seat tether anchors	X
• Front and rear Parktronic™ Acoustic Parking System	P
Tire pressure monitoring system     Child another road door looks.	0
Child-safety rear door locks     Control locking system with safety uplock feature (uplocks doors and turns on interior lights if airbag deploys).	×
Central locking system with safety unlock feature (unlocks doors and turns on interior lights if airbag deploys)      Duel threshold sixteen with seet helt buckle senser.	×
Dual threshold airbag with seat belt buckle sensor     Active reflectors in rear of all doors	X X
Active reflectors in rear or all doors     First Aid kit in rear center armrest	×
Immobilizer III transponder system	×
Trunk release handle in trunk interior	×
Emergency warning triangle located in rear deck lid	x
Emorgono, warning thangle located in roar door, is	

## 2002 Audi S8 Option Program



Legend			\$8 4.2
x = Included in package	O = Optional	- = not available	quattro®
		Options	
Premium Package			0
- Expandable ski sack	The contract of the contract o		X
- Power rear sunshade with	manual rear side sun	shades	x
- Heated rear seats (Front h	neated seats are stand	dard)	x
Leather / Alcantara Packa	ge		0
			was a series and the series of
- Headliner and hatshelf up	holstery in Alcantara		X
<ul> <li>Headliner and hatshelf up</li> <li>Alcantara seat inserts</li> </ul>	holstery in Alcantara		x x
•	•	arate Options	
•	•	arate Options	
- Alcantara seat inserts	•	arate Options	x
- Alcantara seat inserts Front and rear Parktronic™	Sepa		O
- Alcantara seat inserts  Front and rear Parktronic™ Audi Navigation System  OnStar telematics hardware	Sepa with 1 year service ar		0 0
- Alcantara seat inserts  Front and rear Parktronic™ Audi Navigation System  OnStar telematics hardware	Sepa with 1 year service ar hone with voice contro	nd phone preparation *	0 0 0
- Alcantara seat inserts  Front and rear Parktronic™ Audi Navigation System OnStar telematics hardware Motorola® digital/portable pl	Sepa with 1 year service ar hone with voice contro	nd phone preparation *	0 0 0
- Alcantara seat inserts  Front and rear Parktronic™ Audi Navigation System OnStar telematics hardware Motorola® digital/portable pl	Sepa with 1 year service ar hone with voice contro stem	nd phone preparation *	0 0 0 0

#### \* delayed introduction

### **Warranty Information**

#### United States / Canada

- 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

<sup>&</sup>quot;quattro" is a registered trademark of Audi AG

<sup>&</sup>quot;multitronic" is a registered trademark of Audi AG

<sup>&</sup>quot;Tiptronic" is a registered trademark of Dr. Ing. h. c. F. Porsche AG.

<sup>&</sup>quot;Torsen" is a registered trademark of Zexel-Gleason USA, Inc.

<sup>&</sup>quot;Servotronic" is a registered trademark of the AM General Corporation.

<sup>&</sup>quot;Motorola" is a registered trademark of Motorola, Inc.

<sup>&</sup>quot;HomeLink" is a registered trademark of Prince Corporation, Holland, Michigan.

<sup>&</sup>quot;Bose" is a registered trademark of the Bose Corporation. Covered by patent rights issued and/or pending.

<sup>&</sup>quot;Parktronic" is registered trademark of Audi AG

<sup>&</sup>quot;FrontTrak" is a registered trademark of Audi AG

<sup>&</sup>quot;OnStar" is a registered trademark of OnStar, Corp.



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

## 2002 Audi S8

Order Code	Model	Body Style	Transmission	Drivetrain	Suggeste Retail	ed
D22FZ	S8 4.2	Sedan	5-Spd Automatic Tip.	quattro	\$ 72,50	00
				4.2	2	
	Leather U	pholstery		s	N	IC
D4D4	Pearlesce	nt White Pai	nt	0	1,20	00
PPX	Premium Package Heated Rear Seats (Heated front seats standard) Power Rear Window Sunshade and Side Manual Sunshad Ski Sack				70	00
PNK	Audi Naviç	gation Syster	m (Includes Map CD's)	0	1,35	50
7X2	Front and Rear Parktronic®			0	70	00
3FR	Sunroof Solar Panel (Replaces Glass Panel)			. 0	85	50
PPC	Premium Alcantara and Leather Trim Package			0	3,50	00
Q1A	Heated Luxury Front Seats (replaces standard sport seats)			t seats) O	N	NC
7K1	Tire Pressure Monitoring System			o	39	90
OLM	California Emissions Requirements			0	, N	NC
1QE	Northeast	Trading Reg	gion Emissions Requirements	s , O	, N	NC
996	Gas Guzzler Tax			· M	1,70	

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