

**2003 Audi RS6
Equipment**



Legend x = Standard O = Optional P = Package	RS6
Technical	
<ul style="list-style-type: none"> • 4.2 liter DOHC aluminum alloy 450 hp 90 degree biturbo V8 engine, 5-valves per cylinder, direct ignition system, roller camshaft followers, variable intake camshaft timing • 5-speed HP-24 automatic transmission with Tiptronic® (steering wheel control) and DSP (selects from over 200 shift programs to match driver needs), hill detection capability and new "Sport-mode" setting • ESP 5.7 - Electronic Stabilization Program with break assist • quattro® IV - permanent all-wheel drive system, includes Torsen® TORque SENsing center differential • Anti-lock Brake System (ABS 5.7) with front and rear Electronic Differential Locks (EDL) and Electronic Brake-force Distribution (EBD) • CFC-free (ChloroFlouroCarbon) air conditioning refrigerant • Fully galvanized steel unibody construction with aluminum hood and front fenders 	x x x x x x x
Wheels / Tires / Suspension / Steering	
<ul style="list-style-type: none"> • 8.5J x 18 inch 9-spoke cast alloy wheels with 255/40 ZR performance tires • 8-piston 4-Pad front brake calipers • Floating-Hub Brake design front and rear • Tire Mobility System for flat tire repair • Four-link front suspension • Double A-arm rear suspension • Dynamic Ride Control (DRC) • Sport suspension with: <ul style="list-style-type: none"> - body lowered 20mm - shocks with 40% increased compression damping - 30% stiffer spring rate - larger diameter stabilizer bar • Servotronic® - vehicle speed-sensitive power rack & pinion steering • 3-spoke sport steering wheel with Tiptronic® control paddles • Electrically adjustable tilt and telescopic steering column with automatic tilt-away for ease of entry and exit 	x x x x x x x x x x x x x
Exterior	
<ul style="list-style-type: none"> • 5 MPH (Federal standard) bumpers, painted in body color • Bumper covers contoured to be flush with body surface and profile • Protective side moldings, painted in body color • Body color, flush door handles • Special trim around side windows and lower trunk lid • Brushed aluminum exterior mirror housings • Heatable windshield washer nozzles • Metallic or pearl effect paint at no extra charge • Aluminum door sill strips with Audi script • Nomenclature: <ul style="list-style-type: none"> - RS6 on rear trunk lid - left - Four rings on center of rear deck lid & front grille - 80 mm quattro® badge on: dashboard belt line trim - right • Visible dual exhaust • Powerglass slide / tilt sunroof with sunshade • Solar sunroof 	x P

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Exterior Lighting	
<ul style="list-style-type: none"> • Xenon high intensity, high and low beam discharge headlights • Two front fog lights located in lower bumper • Two rear fog lights • High pressure headlight washers, retractable, flush with bumper • Red taillight lenses with amber lenses for turn signal • "Puddle" lights in all four doors • White side turn indicator lights in front fenders with amber shine-through bulbs 	 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 sun sensor, smog sensor and activated charcoal filter • Power windows with: <ul style="list-style-type: none"> - power retention (until either front door is opened) - "one-touch down" and "one-touch up" for all four windows - "pinch protection" for all four windows (reverses window at force >100N) - driver controlled lock out switch for rear power windows • Electronic cruise control with coast, resume and speed-up features • Large auto dimming / folding outside mirrors and auto dimming inside mirror with compass • Electrical adjustable outside mirrors with defog features • 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 front 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's door - convenient open for windows (functions by holding key in unlock position) • Radio frequency remote locking system with selective unlock, remote trunk opening and panic function, remote also activates interior lights and alarm system • Remote trunk lid release button located in driver's door with "soft-touch" open • Illuminated vanity mirrors in right and left front sunvisors • 4 assist handles in headliner with slow retraction feature • Folding ignition key with remote controls (with 5th door release) • HomeLink® 3 channel remote transmitter located in driver's sunvisor 	 x x x x x x x x x x x x x x x x x x x x x

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Seating	
<ul style="list-style-type: none"> • 12-way power front driver and passenger heated Sport seats with electric lumbar adjustment and lockable head restraints • 3-position memory for driver and passenger seats (drivers side memory controls seats, mirrors, steering wheel position and climate control) • 3 rear seating positions with head restraints and 3-point safety belts • Heated front and rear seats • Folding front center armrest with adjustable angle • 1/3 - 2/3 split folding rear seat with lockable seat backs 	x x x x x x
Interior	
<ul style="list-style-type: none"> • Leather upholstery with door panel inserts • Perforated 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) • Two retractable rear cup holders • Owners manual wallet storage area below steering column • Rear seat heater vents under front seats • 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 • Power rear and manual rear side window sunshades • Headliner upholstered in Alcantara • Genuine wood inlays in dashboard, center console, and door panels • Gray Poplar Wood Trim • Carbon Fiber Interior Trim (Replaces Gray Poplar Wood) 	x x x x x x x x x x x x x x x x x x x x x P x x x O
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 	x x x x

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Legend x = Standard O = Optional P = Package	RS6
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 • Integrated digital portable phone with voice recognition • OnStar® Telematics hardware with 1 year service and phone preparation • Global positioning Audi Navigation System 	<ul style="list-style-type: none"> 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 • Central locking system with safety unlock feature (unlocks doors and turns on interior lights if airbag deploys) • Active reflectors in rear of all doors and rear deck lid • Emergency warning triangle located in rear deck lid • Locking headrests for front seats • LATCH System for outboard rear seating positions • First-aid kit in rear center armrest • Front and Rear Parktronic™ Acoustic Parking System • Tire Pressure Monitor System • Immobilizer III transponder system 	<ul style="list-style-type: none"> x x x O x x x x x x x x x x x x x x x x

**2003 Audi RS6
Option Program**



Legend x = Included in package O = Optional - = Not available	RS6
Options	
<ul style="list-style-type: none"> • (PWX) Warm Weather package - (3FR) Solar sunroof - (3Y5) Power rear and manual side window sunshades 	<ul style="list-style-type: none"> O x x
Separate Options	
<ul style="list-style-type: none"> • (4X4) Rear side airbags • (7Q9) Audi Navigation System • (5TU) Carbon Fiber Interior Trim • Motorola® digital / portable phone with voice control (in combination with OnStar®) • OnStar® Telematics hardware with 1 year service and phone preparation 	<ul style="list-style-type: none"> O O O O O
Warranty Information for all models	
<p style="text-align: center;">United States / Canada</p> <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 Johnson Controls, Inc. "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 General Motors Corporation.</p>	

Technical Specifications		2003 Audi RS6	
ENGINE:			
Type	V8 spark-ignition, DOHC aluminum alloy 90 degree biturbo V8, TLEV 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	9.8 : 1		
Fuel requirement	Premium Plus unleaded recommended for maximum performance		
Horsepower (SAE)	450 hp	@	5700 - 6400 rpm
Max. Torque	415 lbs. ft	@	1950 - 5600 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, variable intake camshaft timing		
	roller camshaft followers with hydraulic compensation, 3 intake valves, 2 sodium-cooled exhaust valves		
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 7.1.1 Motronic with electronic multi-point sequential fuel injection with mass air measurement, hot film air mass sensor mapped ignition with solid-state high-voltage distribution, electronic throttle control, three knock sensors with cylinder selective knock control and fully adaptive controls, coordinated torque control, and cylinder-bank selective exhaust -gas temperature control,		
Turbo Chargers	Two turbochargers with integrated boost control, one turbo charger per cylinder bank		
Emission system	Two air-gap-insulated tubular manifolds, two underhood primary catalytic converters, two underfloor main converters, cylinder-bank selective lambda control with heated oxygen sensors		
ELECTRICAL SYSTEM:			
Battery	14 volts	110 amp/hr	
Alternator	14 volts	150 amp	
DRIVETRAIN:			
Transmission	Electronically controlled five-speed automatic with Tiptronic®, dynamic shift program (DSP), hill detection capability, and Sport Mode, lock-up torque converter and automatic shift lock, Tiptronic® control paddles mounted on steering column		
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	4.095 : 1		
Final Drive	3.197 : 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	Rack and pinion, Servotronic® - vehicle speed variable power assist		
Ratio	14.3		
Turns (lock-to-lock)	2.8		
Turning circle (curb-to-curb)	37.4 ft.	11.4 mm	
SUSPENSION:			
Front	Four link with upper and lower control arms, stabilizer bar, coil spring/shock absorber struts (gas charged)		
	radius link with hydraulic damping mount		
Rear	Double control arm (upper and lower), stabilizer bar, coil springs, shock absorber (gas charged)		

Technical Specifications (continued)		2003 Audi RS6			
BRAKES:					
Service brake	Diagonally split dual circuits, ABS/EBD; brake booster servo. ventilated and cross-drilled discs at front and rear				
	Front: 8-piston fixed Brembo brakes with 4 pads. Rear: single floating piston with 2-pad brakes				
Front, size and type	14.37 in.	365 mm	- Ventilated disc	14.37 x 1.3 in.	365 x 34 mm
Rear, size and type	13.19 in.	335 mm	- Ventilated disc	13.19 x 0.9 in.	335 x 22 mm
Parking brake	Mechanically actuated at the rear wheels				
WHEELS:					
Size	8.5J x 18" RS Design 9-spoke alloy wheel				
TIRES:					
Size	255/40 ZR 18 high performance tire				
BODY:					
Material	Fully galvanized (both sides) steel, aluminum front hood and front fender				
Corrosion protection	Multi-step anti-corrosion protection				
CAPACITIES:					
Engine oil	9.5 qt.	9 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	/	62.5 in.	1587 mm
Overall length	191.3 in.	4858 mm			
Overall width (with mirrors)	78.4 in.	1992 mm			
Height (unloaded)	56.1 in.	1426 mm			
Ground clearance (loaded)	4.1 in.	104 mm			
Curb weight auto.	4024 lbs.	1840 kg			
INTERIOR DIMENSIONS:					
Seating Capacity	5 with rear seat				
EPA class	Mid-size				
Head room front / rear	38.9 in.	989 mm	/	37.8 in.	959 mm
w/sunroof front / rear	38.6 in.	980 mm	/	37.6 in.	956 mm
Shoulder room front / rear	58.6 in.	1488 mm	/	57.3 in.	1456 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.	
Luggage capacity (EPA)	15.0 cu. ft.				
PERFORMANCE:					
0-50 mph (0-80kmh)			3.5 sec.		
0-60 mph (0-100 km/h)			4.6 sec.		
1/4 mile			14.1 sec.		
Top speed	Top speed is electronically limited to 155 mph (250 km/h) for North America				
FUEL ECONOMY: EPA Estimate					
	Automatic				
City			n/a mpg		
Highway			n/a mpg		