



Legend	A4 Avant 1.8 T quattro®	A4 Avant 3.0 quattro®
x = Standard o = Optional - = Not available		
Specifications generally apply to USA and Canada, unless otherwise indicated.		
General Technical		
• 1.8 liter 170 hp DOHC 5-valve 4-cylinder turbo charged engine with direct ignition, electronic	X	-
• 3.0 liter 220 hp DOHC 5-valve V6 engine with variable intake manifold, variable intake and exhaust camshaft adjustment and balance shaft	-	X
• ULEV (Ultra-Low Emission Vehicle) certification	X	X
• 5-speed manual transmission with synchronized reverse gear	X	-
• 6-speed manual transmission with synchronized reverse gear: dual mass flywheel	-	X
• 5-speed automatic transmission with Tiptronic® (allowing driver to select gears manually) and Dynamic Shift Program (DSP) which selects from over 200 shift programs to match driver needs. Transmission also includes hill detection capability	O	O
• Four-wheel Anti-lock Brake System (ABS) with Electronic Brake-force Distribution (EBD)	X	X
• Brake Assist, a system which automatically senses emergency braking and applies maximum available power boost to reduce overall stopping distance	X	X
• quattro IV® - permanent all-wheel drive system, includes Torsen® TORque SENSing center	X	X
• Fully galvanized sheet metal	X	X
• CAN network, including 3 fully functional CAN circuits (Infotainment / Comfort / Powertrain)	X	X
• ESP (Electronic Stabilization Program), version 5.7. System also includes ABS / EBD / EDL /	X	X
• CFC-free (ChloroFlouroCarbon) air conditioning refrigerant	X	X
Wheels / Tires		
• 7J x 15 ET 39 / 7-spoke forged alloy wheels with 205/65 all-season tires	X	-
• 7J x 16 ET 42 / 5-spoke cast alloy wheels with 215/55 all-season tires "Classic design"	O	-
• 7.5J x 16 ET 45 / 12-spoke cast alloy wheels with 215/55 all-season tires "Elegant design"	-	X
• 7.5J x 17 ET 45 / 6-spoke cast alloy wheels with 235/45 all-season tires	O	O
• 7.5J x 17 ET 45 / 6-spoke cast alloy wheels with 235/45 high performance tires (only in combination with sport suspension) "Sporty Design"	O	O
• Full size spare tire with matching alloy wheel	X	X
Suspension / Steering / Brakes		
• Front ventilated disc brakes (FN3-57), 288mm x 25mm rotors	X	-
• Front ventilated disc brakes (FN3-57), 312mm x 25mm rotors	-	X
• Solid rear disc brakes (C38HR), 245mm x 10mm rotors	X	-
• Solid rear disc brakes (C38HR), 255mm x 12mm rotors	-	X
• Four-wheel Anti-lock Brake System (ABS) with Electronic Brake-force Distribution (EBD)	X	X
• Brake Assist, a system which automatically senses emergency braking and applies maximum available power boost to reduce overall stopping distance	X	X
• Sport suspension, including 30% stiffer shocks / springs, stronger stabilizer bars in front / rear, suspension lowered by 20 mm	O	O
• Four-link front suspension, now with higher aluminum content including forged aluminum	X	X
• Trapezoidal link, fully independent rear suspension	X	X
• Rack and pinion, close ratio power steering for more sporty driving / handling	X	X
• Tilt and telescopic manually adjustable steering column	X	X



Legend	A4 1.8 T quattro®	A4 3.0 quattro®
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Exterior Features		
• 5 MPH (Federal standard) front and rear bumpers	x	x
• Retractable high pressure headlight washers concealed in the front bumper	x	x
• Heated windshield washer nozzles	x	x
• Black trim around side windows / Black roof rails	x	-
• Brushed aluminum trim around side windows / Brushed aluminum roof rails	-	x
• Dual height opening trunk lid (allows extra height for taller individuals)	x	x
• Quarter-wave duplex antenna for GPS / telematics on the roof	x	x
• Body color outside mirrors; left side flat, right side convex	x	x
• Parktronic®, four-channel parking assistance system built in rear bumper; system activated by	-	o
• Metallic / Pearl Effect paint	o	o
• Nomenclature:		
- A4 on rear deck lid, left center	x	x
- 1.8 T on rear deck lid - right, center	x	-
- 3.0 on rear deck lid - right, center	-	x
- Four rings on top center of rear deck lid	x	x
- Four rings on top center of front grille	x	x
- 85 mm quattro® badge on:		
rear deck lid - right, under engine designation	x	x
front grille - right	x	x
dashboard belt line trim - right	x	x
Exterior Lighting		
• Aerodynamic 2-way ellipsoid projector headlamp assembly with VF (variable focus) reflectors, integrated low beam and high beam tubes	x	x
• Two front fog lights located in lower front bumper	x	x
• One rear fog light in left rear light	x	x
• Rear light assemblies with white side turn indicators and amber shine-through bulbs	x	x
• Daytime running lights (Canada only)	x	x
• Xenon headlights with automatic self leveling	o	o
• White side turn indicator lights in front fenders with amber shine-through bulbs	x	x
Comfort / Convenience		
• Fully automatic dual-zone climate control system with seven temperature sensors, sun sensor and pressure sensor. Also includes active charcoal and electrostatic filters, which sense pollen,	x	x
• Smog sensor for air-conditioning which automatically shuts off outside air and starts air-recirculation when smog detected.	x	x
• HomeLink® universal garage door opener in driver's sunvisor	o	o
• Front and rear power windows with:	x	x
- two stage button mechanism		
- power retention feature, which keeps power for windows and sunroof on until either front door open		
- "pinch protection" for all four windows which reverses window at force of 100 N or greater		
- "one-touch" up and down for front and rear windows at all window locations		
- illuminated driver controlled lock out switch for rear power windows		
• Electronic cruise control (two-stage switch) with coast, resume, speed-up, now controlled by a new lever on left side of steering wheel; cruise control indicator located in the instrument	x	x
• Auto-Blink feature enables turn signals to automatically blink three times when blinker lever briefly pushed up / down (common when changing lane)	x	x
• Power central locking system (doors, deck lid and fuel door) with selective unlocking (enables unlocking of a single front door or all doors), plus:	x	x
- convenience open and close feature for windows & sunroof (opens / closes all windows and sunroof when key held in driver lock / unlock position)		
- front master switches located in driver and front passenger doors, include LED's to signal when vehicle is locked.		
- rear master switch located in center console, under ashtray. The switch is used for locking all doors. It's a lock-only switch, and it includes LED to signal when the vehicle is locked.		
- central locking can be programmed at any authorized Audi dealer to automatically lock when vehicle reaches 8 MPH. Vehicle then automatically unlocks when key taken out of ignition		



Legend	A4	A4
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Comfort / Convenience continued		
• Automatically dimming outside mirrors with folding feature	-	o
• Four-position driver side memory for seat and mirror adjustments	-	o
• Electrically adjustable outside rearview mirrors with heating feature. Heating is automatically activated when outside temperature is less than 59 degrees F. When outside temperature reaches 77 degrees F, heating automatically stops.	x	x
• Illuminated vanity mirrors in left and right front sunvisors	x	x
• Third, middle sunvisor above rearview mirror	x	x
• Four assist handles in headliner with slow retraction feature	x	x
• Rear deck lid release with "soft touch" opening feature and remote deck lid release located in	x	x
• Extended range (up to 150 ft.) radio frequency remote locking system with security "rolling code" feature, selective unlock, remote trunk opening and panic function, also activates interior lights and alarm system - all integrated in folding key	x	x
• 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	x	x
• Dual loading cargo floor	x	x
• Illuminated glove box, rear cargo area, lighter and ashtray	x	x
Seating		
• Sporty front seats with manual height adjustment using new flexible up / down lever, variable seat-back adjustment, adjustable head restraints and 4-way electric lumbar adjustment	x	-
• 12-way sporty power front <u>driver</u> seat including 4-way electric lumbar adjustment and	o	-
• 12-way sporty power front (driver & passenger) seats including 4-way electric lumbar adjustment and adjustable head restraints	-	x
• Storage tray under front driver and passenger seats	x	x
• Front seat-back map net pockets	x	x
• 60 / 40 split folding rear seat with individual locks and red indicators when seatback is not	x	x
• Three 3-point safety belts for all front and rear positions (total of 5)	x	x
• 3 adjustable head restraints for rear seats	x	x
Interior		
• Cloth upholstery	x	-
• Leather seating inserts	o	x
• Genuine Buffalo full-leather seat upholstery; door inserts, front / rear center armrest, shift knob and steering wheel in matching leather	-	o
• Front and rear floor mats with fastening mechanism	x	x
• High gloss fiberglass trim on dashboard and door panel interior beltline	x	-
• Genuine wood trim on dashboard, door panel interior beltline, center console and front / rear	-	x
• 3-spoke leather wrapped sport steering wheel	x	x
• Leather covered transmission shift knob (automatic models), shift boot (manual models) and hand brake handle (all models)	x	x
• Folding front center armrest with adjustable height with dual cupholder	x	x
• 12 V power outlet (SAE) in trunk	x	x
• Automatically dimming interior mirror with digital compass	-	o
• Manual rear sunshade with manual rear side window shades	-	o
• Full length center console with:	x	x
- front and rear ashtray		
- 12 V power outlet (SAE)		
- storage area under center armrest		
- retractable front cupholder with protective drip tray		
• Fold down rear center armrest with a comprehensive First-aid kit	x	x
• Dual rear cupholder located in the rear center armrest	x	x
• Protective door sill trim, including trunk lid sill	x	x
• Climate control panel (in center console) with integrated heated seat switches	x	x
• Ambient red lighting in headliner for dash and center console	x	x
• Illuminated air vent controls in dashboard	x	x
• Four tie-down eyelets with luggage net in trunk	x	x
• Retractable cargo cover with integrated luggage partition net	x	x
• Tool kit located in the spare wheel well	x	x



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Instruments / Electrical equipment		
• 380 A Battery (80 AH)	x	x
• Backlit instrument cluster with automatic brightness control including following features:	x	x
- sporty, tubular gauge design		
- white numbering with red pointers, digital clock with date		
- tachometer, electronic speedometer		
- fuel gauge, coolant temperature gauge		
- various additional warning lights		
- Driver information display (described below)		
• Digital trip odometer with service interval indicator	x	x
• Driver information display including:	x	x
- outside temperature display plus dual mode 5-function trip computer		
- radio / telephone / navigation / telematics display		
- Auto Check system which constantly monitors various functions and components within the vehicle, such as battery voltage, brake pad indicator, oil level indicator, washer fluid indicator, and more.		
- speed warning device		
- pictogram display for open door and trunk		
• Concealed headlight washer system, integrated in the front bumper	x	x
• Windshield wipers with 4-position adjustable intermittent interval rate	x	x
• Heated windshield washer nozzles	x	x
• Advanced anti-theft vehicle alarm system with following features:	x	x
- theft deterrent light in all doors		
- III. Generation Immobilizer prevents engine start when key with automatically changing electronic code feature is not used		
- ultrasonic interior monitoring system with defeat switch in driver's door		
- back-up battery in case main vehicle battery is disconnected		
- back-up horn		
- tilt sensor which prevents theft by towing; function can be defeated by switch located in driver's door		
- system automatically arms when vehicle locked		
• Second generation Audi Symphony radio with:	x	x
- AM / FM with 24 channel preset capability (12 FM / 12 AM)		
- digital AM / FM tuner in combination with dual diversity antenna system		
- in-dash six-disc CD changer		
- random mode for individual CD's as well as entire CD changer		
- cassette player with music search feature		
- RDS (Radio Data System) displays radio station call letters and other information		
- "Autostore" function which automatically selects 6 AM and 6 FM strongest stations in the area		
- theft deterrent design which only fits an Audi vehicle		
- GALA (Graduated Audio Level Adjustment) varies volume based on vehicle speed		
• 150-watt sound system with total of 10 speakers:	x	x
- four speakers in front doors (2 per door)		
- four speakers in rear doors (2 per door)		
- subwoofer and front centerfill speaker		
• Rear window defroster. When activated, defroster remains continuously on when outside temperature is 32 degrees F or below. When temperature is 33 degrees F or above, function	x	x
• CAN network, including 3 fully functional CAN circuits (Infotainment / Comfort / Powertrain)	x	x



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Safety / Security		
• Four-wheel Anti-lock Brake System (ABS) with Electronic rear Brake-force Distribution (EBD)	x	x
• Brake Assist, a system which automatically senses emergency braking and applies maximum available power boost to reduce overall stopping distance	x	x
• Driver and front passenger next generation airbag supplemental restraints with dual threshold deployment determined by seat belt buckle switches	x	x
• Driver and front passenger seat mounted side airbag supplemental restraints	x	x
• SIDEGUARD™ Inflatable Curtain Airbags; extend from A-pillar to C-pillar on each side of the vehicle; protect front and rear passengers against collision with side glass, accident debris and	x	x
• Rear passenger side airbag supplemental restraint system	o	o
• "Up front" crash sensors (2), which include integrated system of 6 sensors throughout the vehicle which can best determine severity of a crash, and can therefore better deploy	x	x
• If crash sensor system is activated, following will happen automatically:	x	x
- central locking automatically unlocks		
- interior lighting is switched on		
- fuel pump and engine are switched off		
- hazard warning lights are switched on		
- if Audi Telematics by OnStar® ordered, system automatically contacts OnStar® call center, which assists further		
• Impact protection, including reinforced high strength steel / aluminum crossmembers, reinforced bumpers, and rigid occupant cell	x	x
• Side intrusion beams in side doors which ensure equal distribution of forces in case of side	x	x
• Fuel tank within protective bodywork structure with special safety valves which prevent gravitational fuel spillage in case of rollover	x	x
• LATCH (Lower Anchors and Tethers CHildren seat) provisions in rear seats	o	o
• Three child seat tether anchorage points in the rear	x	x
• Two front head restraints with locking mechanism to keep restraints in place	x	x
• Three rear head restraints	x	x
• Two front fog lights located in lower front bumper	x	x
• Integrated child locks in rear doors	x	x
• One rear fog light in left rear light	x	x
• Front 3-point safety belts with automatic pretensioning, height adjustable upper mounts and	x	x
• Three 3-point rear safety belts with automatic pretensioning	x	x
• Front passenger and rear safety belts with ALR (Automatic Locking Retractor, a ratcheting mechanism for conveniently securing a child seat)	x	x
• Front seats include a high strength steel reinforcement construction to protect from side rear impact; additional protection against loose loads sliding forward during heavy braking	x	x
• Seatbelt buckle sensors for front passengers which control airbag deployment based on whether the passenger is restrained	x	x
• Auto-Blink feature enables turn signals to automatically blink three times when blinker lever briefly pushed up / down (common when changing lane)	x	x
• Audi Telematics by OnStar® offering variety of safety and security features, including emergency calling, automatic theft tracking, remote door unlock, automatic airbag	o	o
• Emergency warning triangle located in trunk lid	x	x
• Active reflectors in rear of all doors	x	x
• First-aid kit in rear center armrest	x	x
Infotainment / Communication		
• Audi Navigation System uses GPS (Global Positioning System) to navigate by the means of new color driver information display (located in the instrument cluster) and audible instructions	-	o
• Powertrain)	x	x
• Audi Telematics by OnStar®. System includes a variety of features, such as:	o	o
- three-button assembly in overhead console, including OnStar®, Emergency and Dot buttons		
- green indicator within the button assembly which determines system's operation:		
<i>Green light on:</i> System OK and active		
<i>Green light blinking:</i> Call in progress		
<i>Red light on:</i> System failure		
- back-up battery		
- on-board voice recognition used for OnStar® personal calling as well as use of optional Audi Motorola® phone		
- self-diagnostic system which determines any possible faults		
- PSE (Portable Support Electronics) with prewiring for Audi Motorola® cellular phone		



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Infotainment / Communication continued		
	<i>One year included in the</i>	
• Audi Telematics: OnStar® service packages include (airtime included with both packages):	<i>Audi Telematics by OnStar® op</i>	
<u>SAFE & SOUND PACKAGE</u>		
- automatic airbag deployment notification		
- vehicle theft tracking		
- emergency door unlock		
- enhanced roadside assistance		
- accident assist		
- remote vehicle alert (flashes lights and sounds horn when vehicle cannot be found)		
<u>DIRECTIONS & CONNECTIONS PACKAGE</u>		
- all in Safe & Sound package, plus:		
- OnStar® concierge		
- route support		
- ride assist		
- convenience services		
<u>LUXURY & LEISURE PACKAGE</u>		
- all in Directions & Connections package, plus:		
- OnStar® concierge		
<u>Two services can be chosen in addition to either telematics package: (subject to airtime</u>		
- Virtual Advisor (variety of information such as stock quotes, weather forecast and news can be downloaded to the vehicle and read to the driver by automated text-to-voice processor.		
- Personal Calling using on-board voice recognition		
• Four spoke, multifunction steering wheel	-	o
• Audi Motorola® hands-free digital telephone (delayed availability) (can only be ordered with Audi Telematics). This Motorola® V.60 phone can be controlled by on-board voice	o	o
- phone cradle located in front center armrest		
- concealed microphone, antenna and dedicated speaker		
- WAP browser (enables Wireless Web communication)		
- voice recognition		
- 96 x 64 graphic display		
- 400 memory locations		
- SMS (Short Message Service)		
- individual ring style		
- 150 min talk time / 150 hrs. standby time		
• Monochrome Driver Information Display	x	x
• Eight-color Driver Information Display (only available with Audi Navigation System); resolution	-	o
• Second generation Audi Symphony radio	x	x
• 150-watt sound system with total of 10 speakers	x	x
• Bose® 200-watt premium sound system, including:	o	o
- total of 10 speakers, rear subwoofer and front centerfill speaker		
- Bose Audio Pilot™ Noise cancellation technology		
- Bose Nd® NeoDymium Iron Boron high-efficiency woofer		

2003 Audi A4 Avant Option Program



Legend	A4 Avant	A4 Avant
x = included in Package o = Optional - = Not available Options generally apply to USA and Canada.	1.8 T quattro®	3.0 quattro®
Optional Equipment		
• Premium Package	o	o
- HomeLink® universal garage door opener	x	x
- Automatically dimming inside mirror with digital compass	-	x
- Automatically dimming outside mirrors	-	-
- Automatically dimming outside mirrors with folding feature	-	x
- Driver side memory for front seat and mirror adjustments	-	x
- Xenon headlights with automatic self leveling feature	-	x
- Multi-function steering wheel with audio buttons (or telephone buttons when telematics ordered)	-	x
- Glass sunroof with pre-select function, sunshade and 100 N force limiter	x	x
- Leather seating inserts	x	-
- 12-way power driver seat including 4-way power lumbar	x	-
• Sport Package	o	o
- Sport suspension, including 30% stiffer shocks / springs, stronger stabilizer bars in front / rear, suspension lowered by 20 mm	x	x
- 17" 5-spoke cast alloy wheels (7.5J x 17 ET 45)	x	x
- 235/45 high performance Y-rated tires	x	x
• Cold Weather Package	o	o
- Heated front seats adjustable in 6 steps (Standard in Canada)	x	x
- Ski sack	x	x
Separate options		
• Xenon headlights with automatic self leveling feature	o	-
• Bose® 200-watt premium sound system, including total of 10 speakers and using state-of-the-art Bose Nd® speaker technology	o	o
• Rear Side Airbags	o	o
• 7J x 16 ET 42 / 5-spoke cast alloy wheels with 215/55 all-season tires	o	-
• Genuine Buffalino full-leather seat upholstery; door inserts, front / rear center armrest, shift knob and steering wheel in matching leather	-	o
• Ski sack (Canada only)	o	o
• <u>Audi Navigation System</u> uses GPS (Global Positioning System) to navigate by the means of new color driver information display (located in the instrument cluster) and audible instructions	-	o
• <u>Audi Telematics</u> by OnStar® <i>For information about services, see "Audi Telematics by OnStar"® page of this document</i>	o	o
• <u>Manual rear side window shades</u>	-	o
• <u>Audi Motorola® hands-free digital telephone</u> (Dealer installed) (can only be ordered with Audi Telematics). This Motorola® V.60 phone can be controlled by on-board voice recognition.	o	o

Technical Specifications		2003 Audi A4 1.8T Avant	
ENGINE:			
Type	Inline 4-cylinder with exhaust gas turbocharger and charge-air intercooling, DOHC		
Arrangement	Front mounted, longitudinal		
Bore	3.18 in.	81 mm	
Stroke	3.40 in.	86.4 mm	
Displacement	109 cu. in.	1781 cc	
Compression ratio	9.3:1		
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance		
Horsepower (SAE)	170 hp	@ 5900	rpm
Max. Torque	166 lbs. ft.	@ 1950 - 5000	rpm
ENGINE DESIGN:			
Cylinder block	Cast iron		
Crankshaft	Forged steel, 4 main bearings		
Cylinder head	Aluminum alloy		
Valve train / intake	Intake camshaft adjustment, DOHC belt driven, hydraulic lifters		
Firing order	1 - 3 - 4 - 2		
Cooling system	Water-cooled, thermostatically controlled radiator fan		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection / Ignition system	Fully electronic engine management, sequential injection with adaptive idle-charge control, acceleration enrichment, overrun fuel cut-off, adaptive lambda control, mapped ignition with solid-state high-voltage distribution via single spark coils, adaptive knock control, air-mass measurement, integrated boost pressure control		
Emission system	Dual 3-way catalytic converters w/individual oxygen sensors		
ELECTRICAL SYSTEM:			
Battery	12 volts	80 amp/hr	
Alternator	14 volts	120 amp	
DRIVETRAIN:			
Transmissions	?5-speed manual transmission ?5-speed automatic with Tiptronic®		
Type	quattro®		
	Manual 5-speed		Automatic 5-speed w/ Tiptronic®
Gear ratios: 1st	3.778:1		3.665:1
2nd	2.176:1		1.999:1
3rd	1.429:1		1.407:1
4th	1.091:1		1.000:1
5th	0.838:1		0.742:1
Reverse	3.444:1		4.096:1
Final Drive	3.889:1		3.730:1
Front Differential	Hypoid gear, electronically locking (EDL)		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 steering with power assist		
Ratio	16.3:1		
Turns (lock-to-lock)	n.a.		
Turning circle (curb-to-curb)	36.4 ft.	11.1 m	
SUSPENSION:			
Front	Four link, upper and lower control arms, stabilizer bar, coil spring/shock absorbers (gas charged)		
Rear (quattro)®	Fully independent, trapezoidal link rear suspension, stabilizer bar, coil spring / shock absorbers (gas charged)		
BRAKES:			
Service brake	Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake-force Distribution (EBD) and Electronic Stabilization Program (ESP); tandem brake booster		
Front, size and type	11.3 in.	288x25 mm	- Ventilated disc / FN3 - 57
Rear, size and type	9.6 in.	245x10 mm	- Solid disc / C38 HR
Parking brake	Mechanically actuated at the rear wheels		

Technical Specifications (continued)
2003 Audi A4 1.8 T Avant

WHEELS:	Standard (C1W)	Optional 16" (CA1)	Optional 17" (CD0)
Size	7J x 15	7J x 16	7.5J x 17
Offset	39 mm	42 mm	45 mm
Weight	6,900 g / 15 lbs	9,600 g / 21 lbs	12,000 g / 26 lbs
Type	Lightweight alloy	Cast alloy	Cast alloy
TIRES:	Standard (H3Z)	Optional 16" (H9P)	Optional 17" (H8A) or (HG6)
Size	205 / 65	215 / 55	235 / 45
Speed rating	H	H	Y or H
Construction	Radial	Radial	Radial
Load Index	91	91	94
Brand / Type (all approved)	Pirelli P6 Four Seasons	Pirelli P6 Four Seasons	Dunlop SP 9090 (Performance)
	-	Michelin MXM4	Michelin Pilot Primacy (Performance)
	-	-	Conti Sport Contact 2 (Performance)
BODY:			
Material	Unitized steel structure with integrated aluminum and magnesium components		
Corrosion protection	All steel parts are 100% dual-side zinc-galvanized. (12-year limited warranty against corrosion perforation)		
CAPACITIES:			
	quattro®		
Engine oil	4.2 qt.	4 liter	
Fuel tank	17.4 gal.	66 liter	
Cooling system	6.9 qt.	6.5 liter	
EXTERIOR DIMENSIONS:			
	quattro®		
Wheelbase	104.3 in.		2650 mm
Track: front / rear	60.2 in. /	60.1 in.	1528 mm / 1526 mm
Overall length	179 in.		4544 mm
Overall width / with mirrors	69.5 in. /	76.3 in.	1764 mm / 937 mm
Height (unloaded) / w/roof rails	56.2 in. /	57.2 in.	1428 mm / 1453 mm
Ground clearance (loaded)	4.2 in.		106 mm
Curb weight man. / auto.	3516 lbs. /	3660 lbs.	1595 kg / 1660 kg
Distribution % front / rear	56 / 44	57 / 43	
Drag coefficient	Cw = 0.33	Frontal Area = 2.14 sq.m.	
INTERIOR DIMENSIONS (SAE measurements):			
Seating Capacity	5		
EPA class	Compact		
Head room front / rear	38.4 in. /	976 mm /	37.24 in. / 946 mm
w/sunroof front / rear	37.3 in. /	948 mm /	37.09 in. / 942 mm
Shoulder room front / rear	55.1 in. /	1400 mm /	53.43 in. / 1357 mm
Leg room front / rear	41.3 in. /	1050 mm /	34.25 in. / 870 mm
Interior volume front / rear	50.7 cu. ft. /	39.4 cu. ft. /	49.2 cu. ft. / 39.5 cu. ft. (with sunroof)
Luggage Capacity	27.8 cu. ft. /	380 liters /	60.6 (with seats folded)
PERFORMANCE:			
	quattro®		
	Manual 5-speed	Automatic	
0-50 mph (0-80kmh)	5.9 sec.	6.6 sec.	
0-60 mph (0-100 km/h)	8.1 sec.	8.7 sec.	
1/4 mile	16.5 sec.	17.1 sec.	
Top speed	Top speed is electronically limited at 130 MPH (209 km/h)		
FUEL ECONOMY: EPA estimate			
	quattro®		
	Manual 5-speed	Automatic	
City	21 mpg	19 mpg	
Highway	29 mpg	28 mpg	
Combined	24 mpg	22 mpg	
FUEL ECONOMY: Canadian Estimate			
	Manual 6-speed	Automatic	
City	11.3 liters/100km	12.2 liters/100km	
Highway	7.5 liters/100km	7.7 liters/100km	

Technical Specifications		2003 Audi A4 3.0 Avant	
ENGINE:			
Type	Aluminum, 90 degree V6 with variable intake manifold, continuous camshaft adjustment, balance shaft, DOHC		
Arrangement	Front mounted, longitudinal		
Bore	3.25 in.	82.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	182 cu. in.	2976 cc	
Compression ratio	10.1 : 1		
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance		
Horsepower (SAE)	220 hp	@ 6300 rpm	
Torque	221 lbs. ft.	@ 3200 rpm	
ENGINE DESIGN:			
Cylinder block	High integrity aluminum cylinder block with cast-in thin wall gray iron liners		
Crankshaft	Forged steel		
Cylinder head	Aluminum alloy		
Valve train / intake	DOHC chain driven, hydraulic valve lifters, two-stage variable intake manifold		
Firing order	1 - 4 - 3 - 6 - 4 - 5		
Cooling system	Water-cooled, thermostatically controlled radiator fan		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection / Ignition system	Fully electronic engine management utilizing Bosch Motronic® 7.1.1., sequential injection with adaptive idle-charge control, acceleration enrichment, overrun fuel cut-off, adaptive lambda control, mapped ignition with solid-state high-voltage distribution via single spark coils, cylinder selective adaptive knock control with two sensors		
Emission system	Dual 3-way catalytic converters w/individual oxygen sensors		
ELECTRICAL SYSTEM:			
Battery	12 volts	80 amp/hr	
Alternator	14 volts	120 amp	
DRIVETRAIN:			
Transmissions	?6-speed manual transmission ?5-speed automatic with Tiptronic®		
Type	quattro®		
Gear ratios:	1st	Manual 6-speed	Automatic 5-speed w/ Tiptronic®
	2nd	3.500:1	3.665:1
	3rd	1.889:1	1.999:1
	4th	1.320:1	1.407:1
	5th	1.034:1	1.000:1
	6th	0.857:1	0.742:1
	Reverse	0.730:1	-
	Final Drive	4.111:1	3.091:1
Front Differential	Hypoid gear, electronically locking (EDL)		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 steering with power assist		
Ratio	16.3:1		
Turns (lock-to-lock)	n.a.		
Turning circle (curb-to-curb)	36.4 ft.	11.1 m	
SUSPENSION:			
Front	Four link, upper and lower control arms, stabilizer bar, coil spring/shock absorbers (gas charged)		
Rear (quattro)®	Fully independent, trapezoidal link rear suspension, stabilizer bar, coil spring / shock absorbers (gas charged)		
BRAKES:			
Service brake	Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake-force Distribution (EBD) and Electronic Stabilization Program (ESP); tandem brake booster		
Front, size and type	12.3 in.	312x25 mm	- Ventilated disc / FN3 - 57
Rear, size and type	10 in.	255x12 mm	- Solid disc / C38 HR
Parking brake	Mechanically actuated at the rear wheels		

Technical Specifications (continued) 2003 Audi A4 3.0 Avant

WHEELS:	Standard 16" (C2F)	Optional 17" (CD0)
Size	7.0J x 16	7.5J x 17
Offset	42 mm	45 mm
Weight	9,500 g / 21 lbs	12,000 g / 26 lbs
Type	Cast alloy	Cast alloy
TIRES:	Standard 16" (H9P)	Optional 17" (H8A) or (HG6)
Size	215 / 55	235 / 45
Speed rating	H	Y or H
Construction	Radial	Radial
Load Index	91	94
Brand / Type (<i>all approved</i>)	Pirelli P6 Four Seasons Michelin MXM4	Dunlop SP 9090 (Performance) Michelin Pilot Primacy (Performance) Conti Sport Contact 2 (Performance)

BODY:	
Material	Unitized steel structure with integrated aluminum and magnesium components
Corrosion protection	All steel parts are 100% dual-side zinc-galvanized. (12-year limited warranty against corrosion perforation)

CAPACITIES:		quattro®	
Engine oil		5.8 qt.	5.5 liter
Fuel tank		17.4 gal.	66 liter
Cooling system		9.5 qt.	9 liter

EXTERIOR DIMENSIONS:		quattro®			
Wheelbase		104.3 in.		2650 mm	
Track: front / rear		60.2 in.	60.1 in.	1528 mm / 1526 mm	
Overall length		179 in.		4544 mm	
Overall width / with mirrors		69.5 in.	76.3 in.	1764 mm / 937 mm	
Height (unloaded) / w/roof rails		56.2 in.	57.2 in.	1428 mm / 1453 mm	
Ground clearance (loaded)		4.2 in.		106 mm	
Curb weight man. / auto.		3693 lbs. / 3737 lbs.		1675 kg / 1695 kg	
Distribution % front / rear		59 / 41	58 / 42		
Drag coefficient	Cw = 0.33	Frontal Area = 2.14 sq.m.			

INTERIOR DIMENSIONS (SAE measurements):		quattro®			
Seating Capacity		5			
EPA class		Compact			
Head room front / rear		38.4 in.	976 mm	37.24 in.	946 mm
w/sunroof front / rear		37.3 in.	948 mm	37.09 in.	942 mm
Shoulder room front / rear		55.1 in.	1400 mm	53.43 in.	1357 mm
Leg room front / rear		41.3 in.	1050 mm	34.25 in.	870 mm
Interior volume front / rear		50.7 cu. ft.		39.4 cu. ft.	49.2 cu. ft. / 39.5 cu. ft. (with sunroof)
Luggage Capacity		27.8 cu. ft.	380 liters	60.6 (with seats folded)	

PERFORMANCE:		quattro®	
		Manual 5-speed	Automatic
0-50 mph (0-80km/h)		5.3 sec.	6 sec.
0-60 mph (0-100 km/h)		7.1 sec.	7.9 sec.
1/4 mile		15.5 sec.	16.1 sec.
Top speed	Top speed is electronically limited at 130 MPH (209 km/h)		

FUEL ECONOMY:		EPA estimate		quattro®	
		Manual 6-speed	Automatic	Manual 6-speed	Automatic
City		18 mpg	17 mpg		
Highway		25 mpg	25 mpg		
Combined		20 mpg	20 mpg		

FUEL ECONOMY:		Canadian Estimate		quattro®	
		Manual 6-speed	Automatic	Manual 6-speed	Automatic
City		13.4 liters/100km	13.5 liters/100km		
Highway		8.7 liters/100km	8.5 liters/100km		



Retail Prices
 Audi of America, Inc.
 Effective: 1-August-02

2003 Audi A4 Avant

Order Code	Model	Body Style	Transmission	Drivetrain	Suggested Retail	
8E5525	A4 1.8T	Wagon	5-Speed Manual	quattro	\$ 27,700	
8E552Z	A4 1.8T	Wagon	5-Spd Automatic Tip.	quattro	\$ 28,850	
8E55F9	A4 3.0	Wagon	6-Speed Manual	quattro	\$ 33,290	
8E55FZ	A4 3.0	Wagon	5-Spd Automatic Tip.	quattro	\$ 34,340	
				1.8T <u>quattro</u>	3.0 <u>quattro</u>	
		Cloth Upholstery		S	NA	NC
PLD	Premium Leather Upholstery			NA	O	1,000
	Metallic / Pearl Effect Paint			O	O	450
PAW	<u>Cold Weather Package</u> Heated Front Seats Ski Sack			O	O	625
PPS	<u>Sport Package</u> (Not available with PRD) Sport Suspension 17" Wheels & Performance Tires (vs. 15" on 1.8T and 16" on 3.0)			O	N/A	1,000
				N/A	O	750
	<u>Premium Package (Delayed Intro)</u> Glass Sunroof (w/Power, Tilt, Slide, "PreSelect") HomeLink® Remote Transmitter Leather Seating Surfaces Power Driver Seat with Lumbar Support			O	N/A	2,000
PPX	<u>Premium Package</u> Glass Sunroof (w/Power, Tilt, Slide, "PreSelect") HomeLink® Remote Transmitter Leather Seating Surfaces			O	N/A	1,600
PPX	<u>Premium Package</u> Glass Sunroof (w/Power, Tilt, Slide, "PreSelect") HomeLink® Remote Transmitter Multi-function Steering Wheel Xenon Headlights Auto-dimming Interior Mirror with Compass Auto-dimming and Electrically Folding Exterior Mirrors Memory for Driver's Seat and Mirror Adjustments			N/A	O	2,250
PRD	16" Cast Alloy Wheels with All-Season Tires			O	N/A	450
PRV	17" Cast Alloy Wheels with All-Season Tires			O	N/A	750
PRV	17" Cast Alloy Wheels with All-Season Tires			N/A	O	500
8RY	BOSE® Premium Sound System			O	O	650
9ZS	Audi Telematics by OnStar®			O	O	699
PX3	Xenon Headlights			O	N/A	500
PNK	Audi Navigation System (Includes Map CD's)			N/A	O	1,350
3Y4	Manual Side Sunshades			N/A	O	150
4X4	Rear Side Airbags			O	O	350
0LM	California Emissions Requirements			O	O	NC
1QE	Northeast Trading Region Emissions Req.			O	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 2003 MY Prices