

A8



2005 Audi A8 Sedan Product Information



New model:

- **A8 4.2 quattro** (Normal Wheel Base)

Technical adjustments:

- **335 hp** (was 330 hp)
- **18 / 24** fuel mileage (was 17 / 24)
- 14.6 cu.ft. luggage volume (was 17.7)
- 23.8 gal fuel tank capacity (was 23.7)
- 41.7 ft. turning circle diameter (was 41.0)

New standard equipment:

- **Tire Pressure Monitoring System**
- **Rain sensor** for windshield wipers
- LEDs under exterior mirror/side door handles
- Lock for glove-box

New exterior colors:

- **Akoya Silver** Metallic
- **Cambridge Green** Pearl effect

New optional equipment:

- **18" 9-spoke wheel** w/all-season tires
- **18" 5-spoke wheel** discontinued (Canada only)
- **19" all season tire** for 12-spoke wheel
- **Advanced Key** (keyless entry/go with start/stop button)
- Multifunctional 3-spoke **wood steering wheel** with shift paddles & wood shift knob
- **Power door closer** for front / rear side doors
- XM or Sirius **Satellite Radio**

Exterior:

- New design roof satellite antenna (in body color)



Discontinued:

- Burgundy Red Pearl effect
- Irish Green Pearl effect
- Sage Green Metallic
- Warning Triangle
- swiveling rear reading lights (now static)



A8 4.2 quattro (NWB) in Akoya Silver – European Model shown

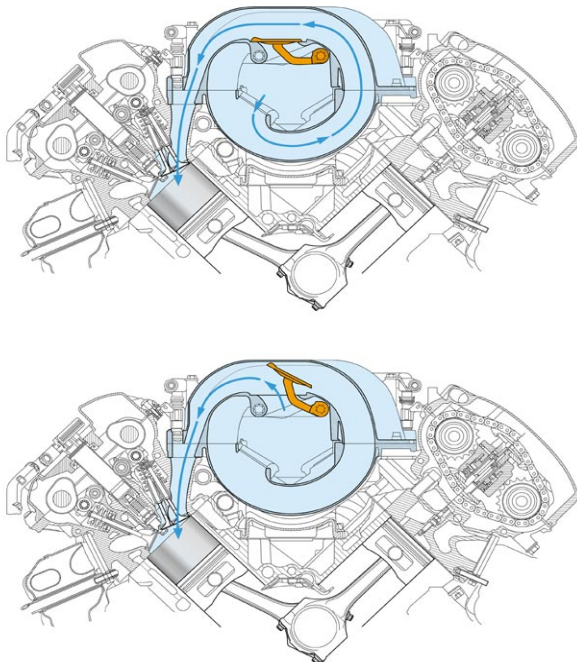
- 4.2L V8 engine with:
 - 335 hp
 - 317 lb-ft of torque
- 6-speed Tiptronic[®] Transmission
- quattro[®] IV permanent all-wheel drive
- Multi-Media Interface (MMI) including retractable 7" color screen
- Audi Space Frame (ASF), III generation
- Driver adjustable full adaptive air suspension
- Benchmark interior design and craftsmanship
- World-class Bose[®] Premium Sound System featuring Audio Pilot[™] noise compensation technology



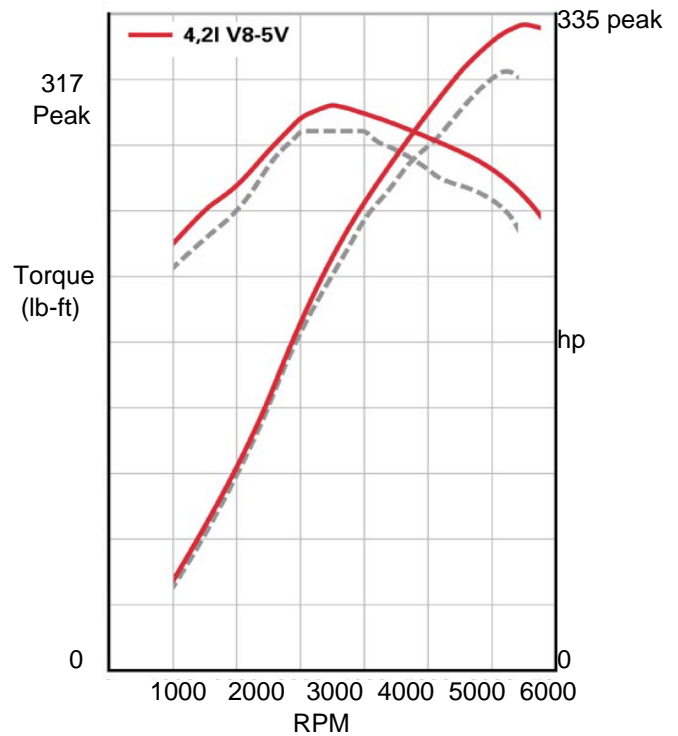
4.2 V8 Engine Features:

- 335 hp @ 6,500 rpm
- 317 lbs-ft. @ 3,500 rpm
- Aluminum engine block
- 5-valve technology
- DOHC
- Two-stage intake manifold (shown lower left)
- 7% increase in fuel efficiency (estimated)
- Multi-stage catalytic converters

Two-stage Intake Manifold



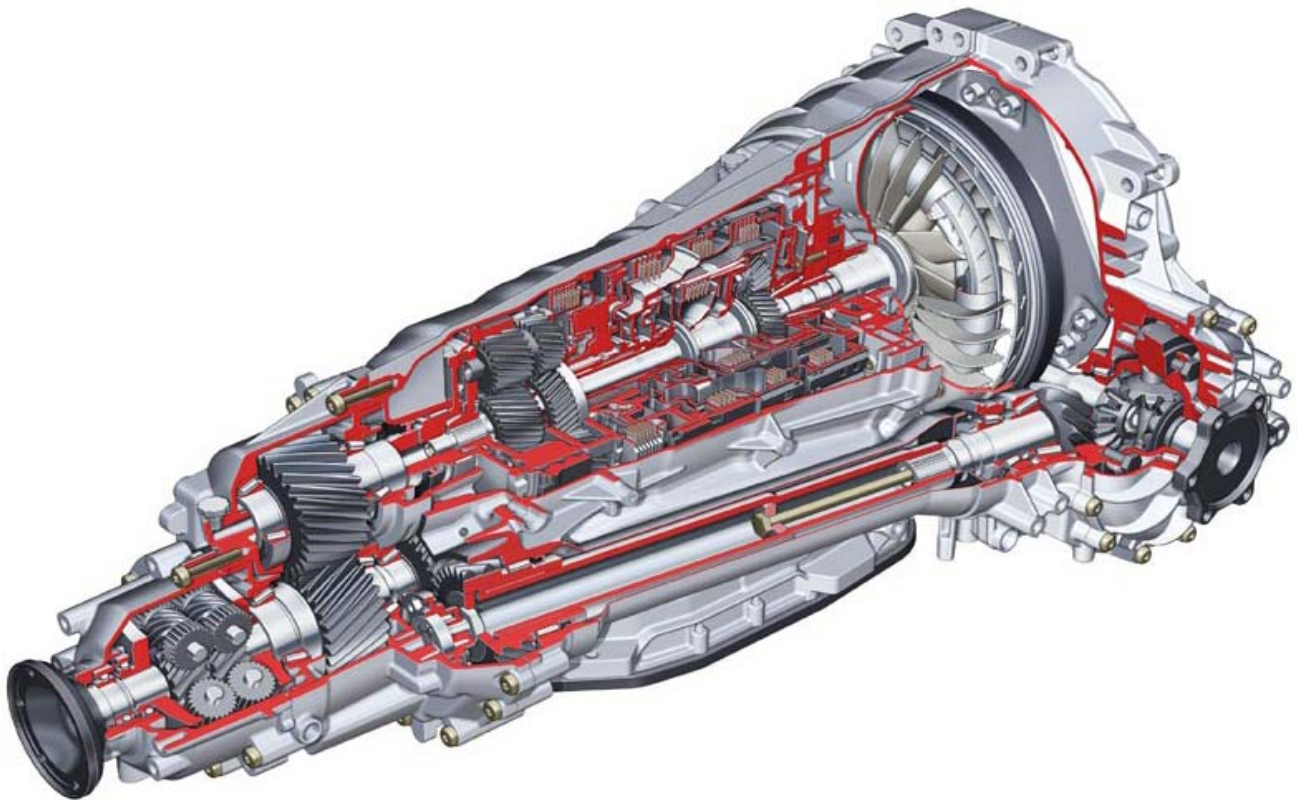
Torque / Horsepower curves



Audi 6-Speed Tiptronic Transmission

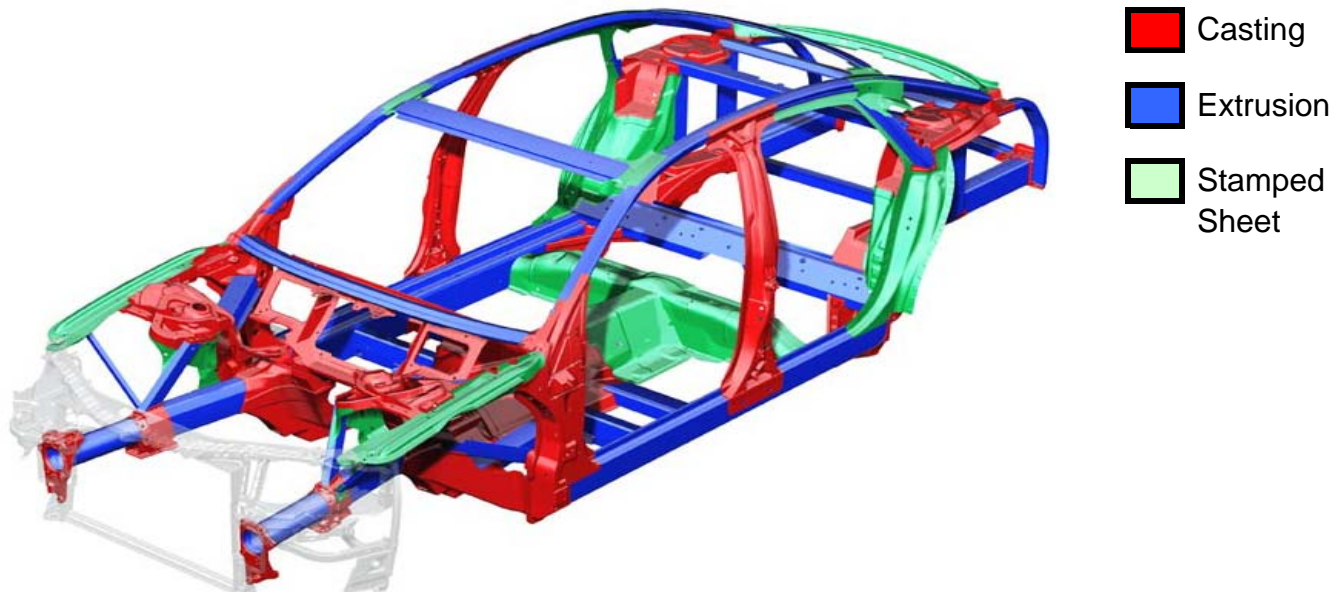
Features/Benefits

- 6-Speed Tiptronic Transmission
- 30% wider gear spread than the five-speed in the predecessor, allowing:
 1. Improved low end torque
 2. Increased fuel efficiency
- Less power dissipation
- Dynamic Shift Program (DSP) automatically adjusts to driver's driving style
- Sport Program can be selected on shifter



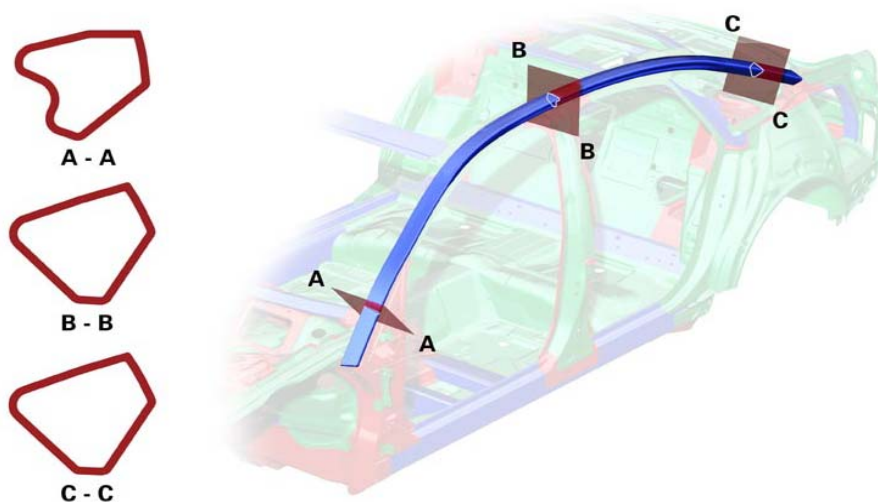
The 6-speed Tiptronic transmission is the exclusive transmission used on the Audi A8

Audi Space Frame (ASF III)



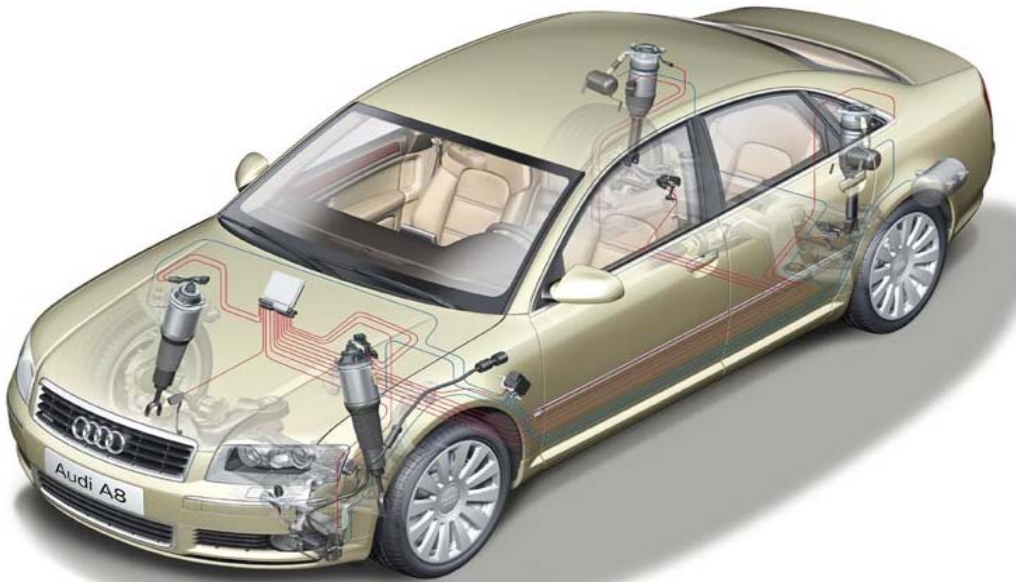
Improvements over previous version of the Audi Space Frame:

- 60% Increased Rigidity
- 17% Less Parts
- 300 lb weight savings vs. conventional steel frame, thereby improving handling
- New laser-hybrid welding technique developed for better quality / more efficient welds

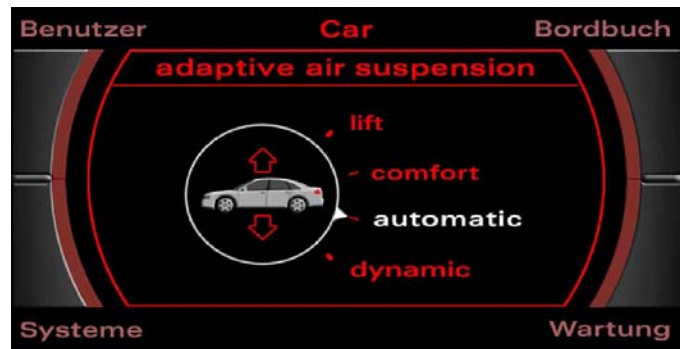


Extrusions

Hydroforming processes allow Audi to use extrusions with varying cross-sections. This enables the perfect cross-section design to be used at all points along the extrusion, thereby increasing strength and rigidity while enhancing functionality.



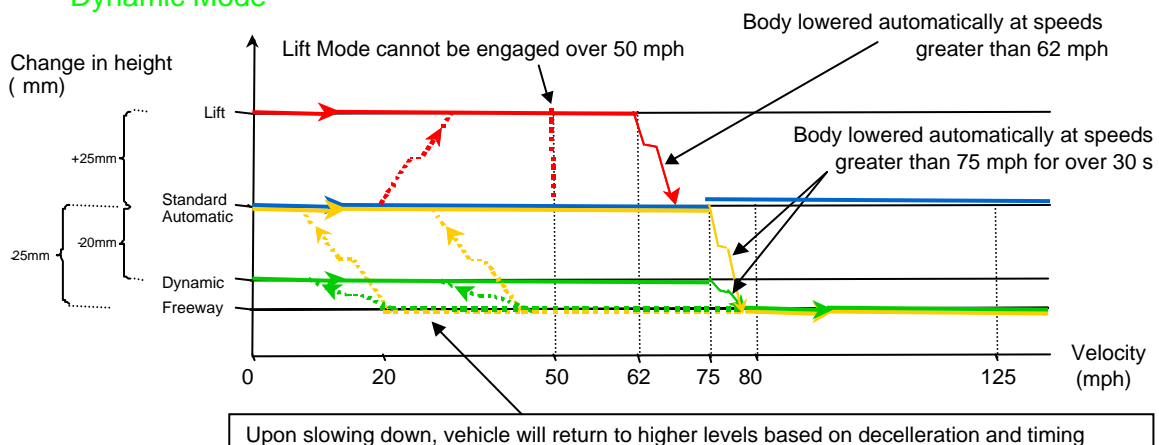
- **Infinitely adjustable adaptive damping** system
- **Four corner air suspension** with air spring struts at each wheel
- **Automatic self-leveling** regardless of load
- **Various handling modes** (combination of damping characteristic and ground clearance) can be selected via MMI.
- **For outstanding dynamic handling combined with excellent ride comfort at all road conditions.**



* US/Canada: "comfort" mode renamed to "standard"

Adaptive Air Suspension

- Lift Mode
- Standard Mode
- Automatic Mode
- Dynamic Mode

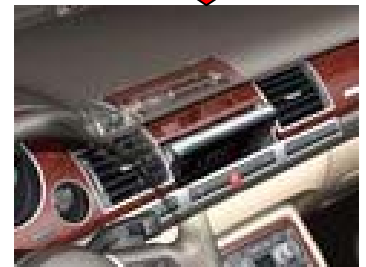




Available wood shift knob shown (only in combination with wood steering wheel)

A8 interior design highlights:

- Clear, horizontal structure, with focus on driver
- Harmonious flow - from dashboard into the doors and beyond B-pillar into rear doors
- Rising center console, reminiscent of sports cars
- Retractable 7-inch color Multi-Media Interface (MMI) screen - see photos
- Multi-Media Interface (MMI) control panel in center console
- Benchmark craftsmanship and materials
- Premium Comfort Seats with high-grade Valcona leather and 16-way adjustability
- Genuine wood inlays in Birch Beige, Brown polished walnut & Sycamore
- Interior LED ambient lighting with different profile programmable via MMI
- Multi-function 4-spoke leather steering wheel with MMI controls (standard)
- Multi-function 3-spoke wood steering wheel with wood shift knob, shift paddles and MMI controls (optional, matches wood interior trim)
- 12-speaker Premium Bose Sound System w/subwoofer and Surround Sound
- 6-CD changer in glove box
- DVD-based Audi Navigation System with large screen map display
- Additional large color screen in instrument panel used with steering wheel controls

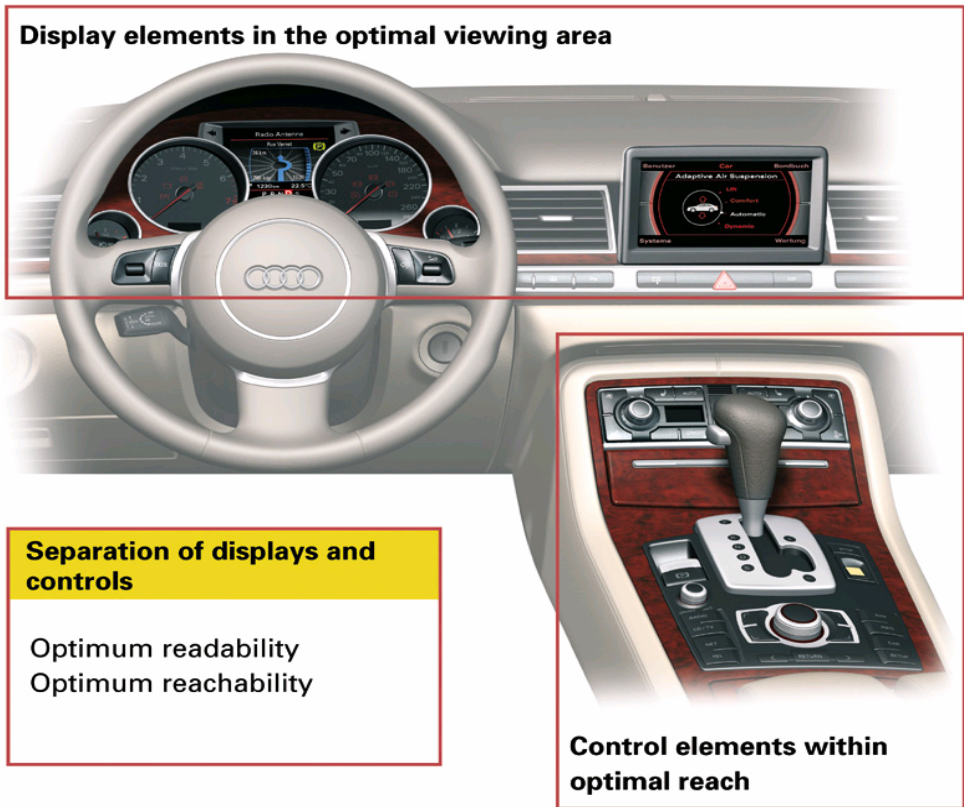




The A8 includes a variety of safety features, including:

- Driver and front passenger dual-stage, dual-threshold next generation airbag supplemental restraints * for front crash protection.
- Driver annular airbag*, unfolds radially and provides particularly effective protection for occupants who are closer to the steering wheel.
- Front 3-point safety belts, autom.pretensioning, height adjustable upper mounts & force limiters
- Three rear 3-point safety belts with automatic pretensioning and angle adjustment
- Two active front head restraints, automatically pivot forward in the event of a rear-end collision to support the driver's and front-passengers heads. Three rear head restraints.
- SIDEGUARD head protection airbag supplemental restraints* for front & rear occupants, covers window area (A to C-pillar), remains inflated longer to cover secondary effects & crash intrusions
- Front and rear side airbags*, mounted in the seats
- Driver and front passenger knee protection airbags * (not shown)
- Six crash sensors (two in front and two on each side) rapidly determine which airbags deploy, and when. These sensors, depending on crash severity can initiate:
Switch on hazard lights, shut off engine and fuel pumps, unlock vehicle, switch on interior light, place an emergency call via Audi Telematics by OnStar (see disclaimer in telematics section)
- LATCH (Lower Anchorage and upper Tether CHild seat) provisions in rear seats
- Aluminum Space Frame (ASF), provides a stable occupant cell with the little footwell intrusion in conjunction with a balanced deceleration pattern
- High-performance braking system with ventilated discs and aluminum floating calipers
- ESP (Electronic Stabilization Program) integrating the following safety features:
ABS (anti-lock braking system), ASR traction control, EBD electronic brake-force distribution, and hydraulic brake assist
- Safety steering column; telescopic, energy absorbing column
- Foot protection through energy absorbant padding and crash-optimised pedal assembly
- Tire pressure monitoring system for all four wheels and the spare tire
- LED Brake lights, proven to sharpen the reaction time of drivers in vehicles behind

* Airbags are supplemental restraints only and will not deploy under all circumstances. Always use safety belts and seat children only in the rear, using restraint systems appropriate for their size and age.



MMI functions can be controlled from the multifunction **steering wheel** controls (thumbwheels with push-button function) or the **MMI control knob and buttons in the center console**. The MMI buttons shown control the radio, CD, navigation, and many other vehicle settings such as the adaptive air suspension - greatly minimizing the number of buttons necessary in the interior.

MMI functions can be viewed from two separate screens: in the **main instrument cluster** and in the 7" **MMI screen** located in the center console which can be stowed electronically for reduced driver distraction.

The Audi Multi Media Interface (MMI) follows a simple and logical 4-step principle:

- The customer notes 4 things:**
- 1 Main functions called up directly via key
 - 2 Selection via turn/push button
 - 3 4 screen corners correspond to the 4 keys around turn/push button
 - 4 Press "Return" to move back up a level

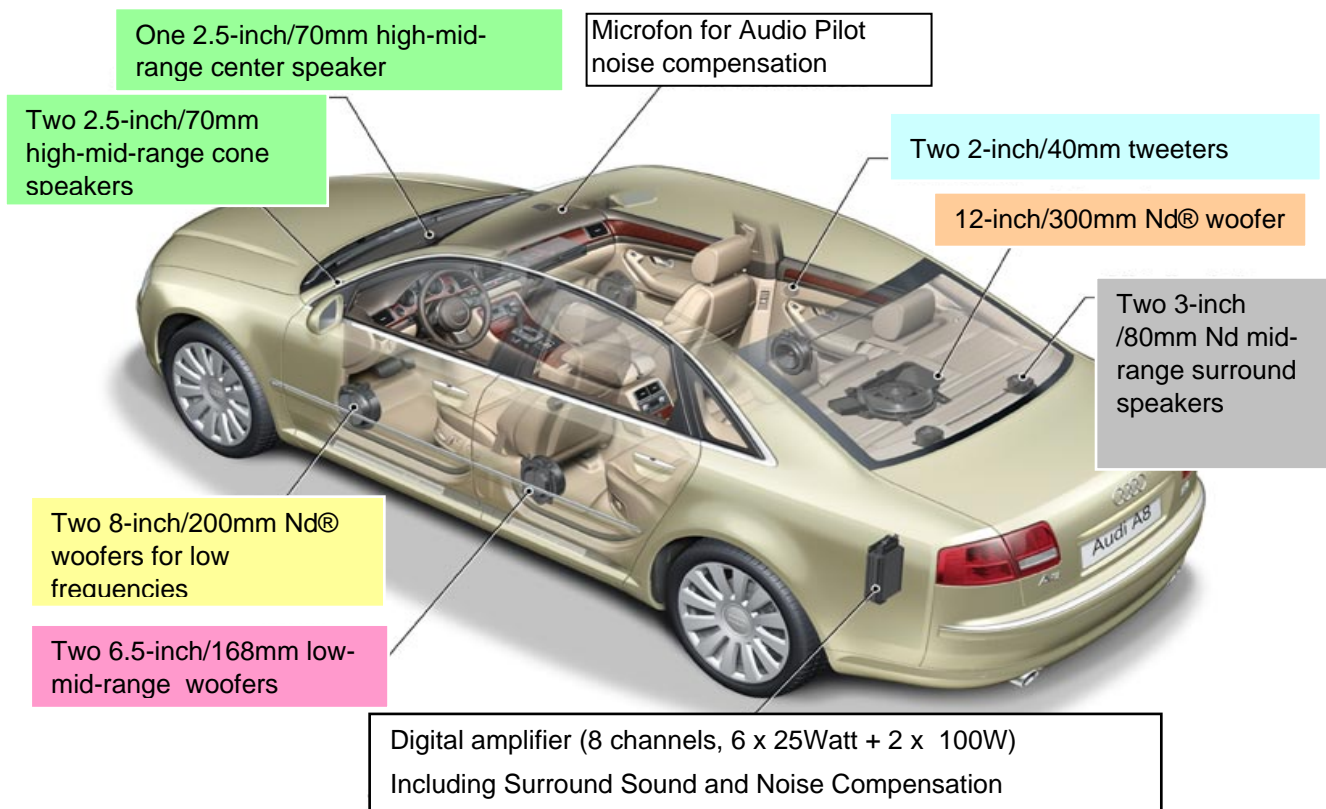
* NET button changed to NAME

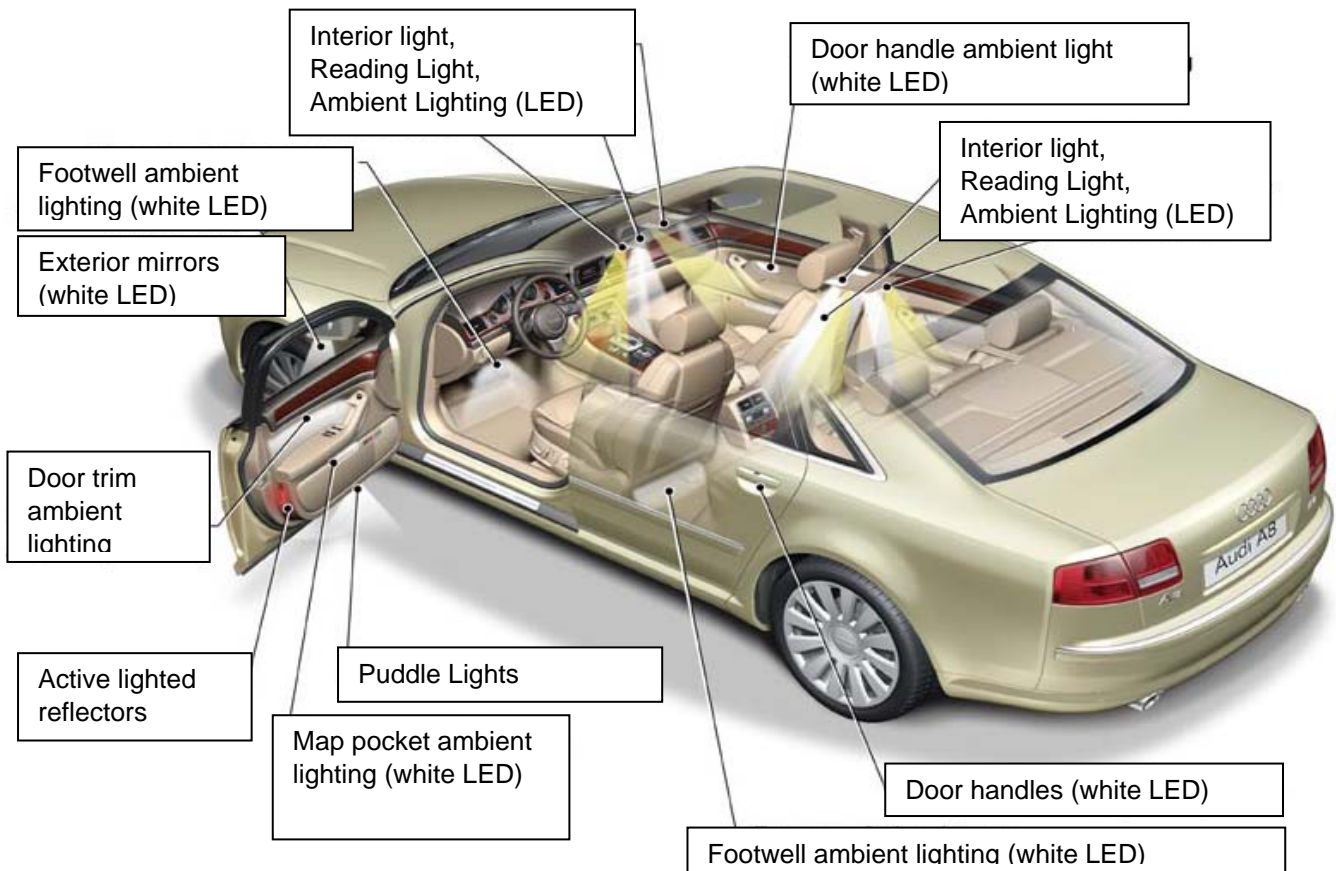


Bose 12-Speaker Premium Surround Sound System

Features

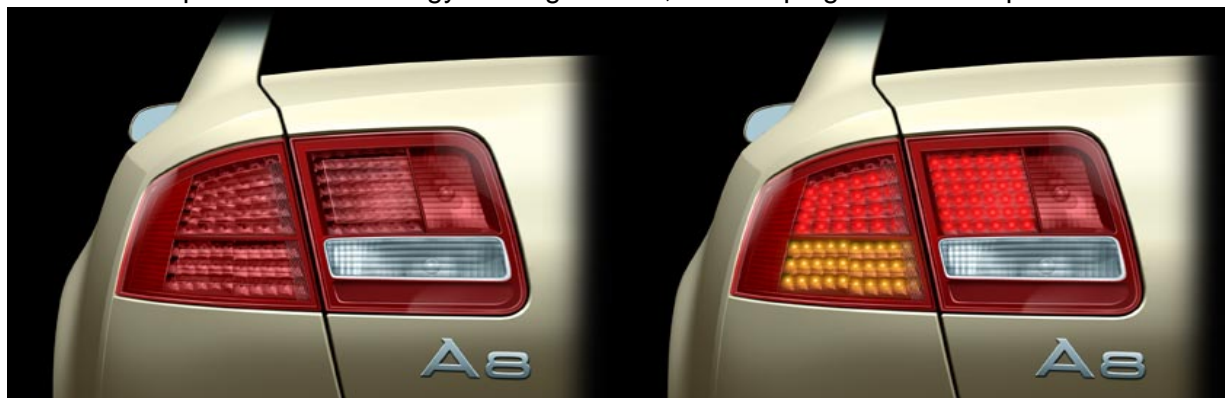
- ◆ Standard equipment on Audi A8 4.2 quattro and A8 L 4.2 quattro
- ◆ 12-Speakers including 12-inch woofer
- ◆ Surround Sound capability
- ◆ Bose AudioPilot electronic noise compensation technology
- ◆ DSP (Digital Signal Processing)





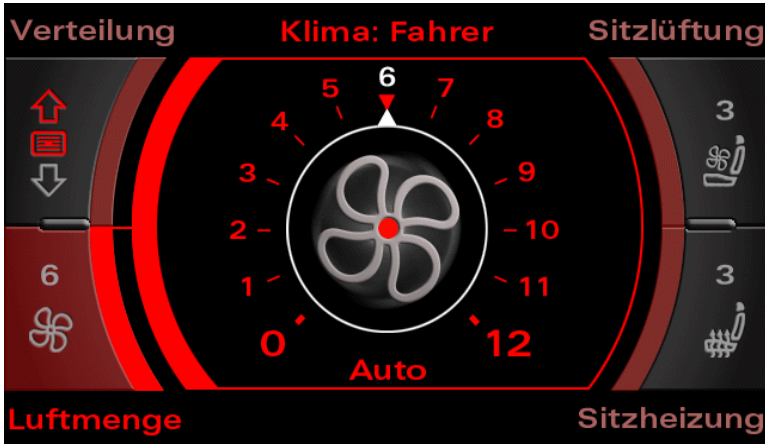
Audi's use of LED technology is prevalent in both the **interior** (different light profiles programmable via MMI) as well as in the **exterior** (rear tail light, rear brake light and third raised brakelight, rear indicator light and side turn indicators). The rear lights are a clear demonstration of how design quality is combined with functionality and state-of-the-art technology: the use of LEDs offers a number of advantages over conventional bulbs:

- brilliant depth
- quicker illumination, proven to sharpen reaction time of the driver behind
- longer service life (at least 10,000, i.e. an entire vehicle's lifetime)
- require less space and so benefit the vehicle's luggage capacity
- consume up to 50% less energy than light bulbs, thus helping fuel consumption



The Audi A8 is equipped with a fully automatic **dual-zone climate control** system featuring

- **indirect**, draught-free ventilation
- **sun sensor** (adjust air temperature/distribution according to direct sunlight exposure)
- **humidity sensor** (regulates air moisture to reduce interior window fogging)
- **particle filter** with activated charcoal (absorbs pollutants when fresh air is drawn in)
- **air-quality sensor** (activates air recirculation function depending on outside air quality)
- **residual heat** function (operates heater when ignition is off via ON/OFF button)



The main climate settings such as temperature, air distribution, fan output and defrosting are initiated from a **dedicated climate control unit** independent from the MMI controls. Further functions can be called up in the **MMI setup menu**. When adjusting climate controls, the 7" MMI screen is used for display purposes. (Example shown to the left).

A generous number of registers (shown to the right), allow each front seat passenger to control their own temperature settings and air distribution engaging the dual zone climate controls.

Also available is a **four zone climate** control system which allows rear seat passengers the same capabilities.



Attention to detail is an Audi hallmark. Notice how air is reheated just before the reaching the rear seat footwells. (shown to the left)



Audi partners with OnStar to bring telematic services to our customers. Services include:

Safe&Sound Package

- Airbag deployment notification
- Emergency services
- Remote door unlock
- Vehicle theft tracking
- Roadside Assistance
- Remote Vehicle Alert

Directions&Connections Package

- All in Safe&Sound, plus:*
- Route support
 - Convenience services
 - Ride Assist

Luxury&Leisure Package

- All in Directions&Connections plus:*
- OnStar Concierge

Available with any package are two additional services: Personal Calling and Virtual Advisor.

Virtual advisor is a stream of user-definable data, such as weather, news, etc; downloaded to the vehicle.

One year of safety and security package is standard with the telematics option.

The Audi-Motorola V60 Digital telephone is available

on vehicles equipped with telematics. The phone includes following features:

- 400 Memory Phonebook
- Text messaging
- Turbo dialing
- Voice notes
- Voice activating dialing
- Wireless Web browser
- Predictive text
- Voice recognition enabling hands-free use in the vehicle

Digital Talk Time: 150 mins / Standby: 150 hours



As of November 2004 (production week 45/04), OnStar will be replaced by a bluetooth cell phone preparation and voice control system on all new A8 models in the U.S and Canada.

* OnStar uses existing emergency service providers and cellular telephone and satellite technologies. Vehicle's electrical system must be operating for OnStar to work. One year OnStar (Safe & Sound Plan) service agreement included. Call 1-800-ONSTAR-7 or visit www.onstar.com for system limitations and details.

* To enable hands free function, system requires a hands free phone cradle and appropriate Audi V60 cellular phone. Each sold separately at additional charge. Audi V60 cellular phone activation and subscriptions are the responsibility of the purchaser. Cellular subscriptions, policies and network coverage will vary by carrier. Consult your carrier for more details.

* Audi vehicles are equipped with a telematics system that utilizes analog telephone signals to enable Audi Telematics by OnStar services. Recently, the U.S. Federal Communications Commission (FCC) ruled that wireless telephone carriers are required to fully support the analog wireless network until February 16, 2008. After this date, it is likely that the analog wireless network will be phased out, rendering analog devices inoperable.

Owners of Audi vehicles equipped with analog telematics systems will be offered normal Audi Telematics by OnStar services through December 31, 2007. After this date, and because of the expected phase out of the analog wireless network, Audi Telematics by OnStar services cannot be offered to owners of Audi vehicles equipped with analog telematics systems.

As of November 2004 (production week 45/04), OnStar telematics will be replaced by a bluetooth cell phone preparation and voice control system as standard equipment for all A8 in the US and Canada. The bluetooth cell phone preparation should help to successfully address the following issues:

Old Phone Prep Complaints	New phone prep features
<ul style="list-style-type: none"> •Lack of MMI integration on the A8 	<ul style="list-style-type: none"> •Completely integrated into the MMI on the A8 and new A6 including address book functionality in the instrument cluster
<ul style="list-style-type: none"> •Poor phone coverage with only the V60 phone supported 	<ul style="list-style-type: none"> •Works without cradle with most Bluetooth phones (over 10 phones) with phone cradle support for Sony Ericsson T610/616 (other phone cradles to follow)
<ul style="list-style-type: none"> •Cannot dial into voice mail during a call 	<ul style="list-style-type: none"> •Using the MMI, a caller can now enter the access codes for their voicemail
<ul style="list-style-type: none"> •The V60 phone is very expensive and is always out of stock at the parts depots 	<ul style="list-style-type: none"> •Phones that work with our new phone prep. can be purchased through normal wireless retail channels at consumer prices

The new voice control features:

- Activated via button on steering wheel
- Can control the following equipment:
 - **Radio** – Specific station (“96.3”), band change, seek, volume
 - **CD** – Specific track, specific CD in changer, volume
 - **Navigation** – Navigate to a saved location, top destinations, map zoom control
 - **Phone** – Voice input of number or nametag
- Additional commands available by saying “Help” at any prompt
- Better voice recognition than the current system
- Continuous speech input (“2485551212” not “2” pause, “4” pause etc.)



Sony Ericsson T610/616

2005 Audi A8
Equipment

Legend x = Standard o = Optional p = Package	A8 4.2 quattro®	A8 L 4.2 quattro®
Technical		
• ASF® - Audi Space Frame aluminum alloy frame and body shell construction	x	x
• 4.2 liter DOHC aluminum alloy 335 hp 90 degree V8 engine, 5-valves per cylinder, variable intake magnesium manifold with 2 intake paths, direct ignition system, roller camshaft followers, variable intake	x	x
• 6-speed automatic transmission with Tiptronic® and DSP Dynamic Shift Program (selects from over 200 shift programs to match driver's needs), hill detection capability and "Sport-mode" setting	x	x
• quattro® IV - permanent all-wheel drive system, includes Torsen® torque sensing center differential	x	x
• Audi adaptive air suspension - four corner air suspension with air spring strut at each wheel, infinitely variable damping, automatic load-leveling and various driver controlled handling modes select via MMI (combinations of damping characteristics and ground clearance)	x	x
• Anti-lock brake system (ABS 5.3) with front and rear Electronic Differential Locks (EDL) and Electronic rear Brake force Distribution	x	x
• Servotronic® - vehicle speed-sensitive power rack & pinion steering	x	x
• ESP 5.7 - Electronic Stabilization Program	x	x
• CFC-free (ChloroFlouroCarbon) air conditioning refrigerant	x	x
Wheels / Tires		
• 17" 7-spoke 8J x 17 cast-alloy wheels with 235/55 R 17 all-season tires	x	x
• 18" 5-spoke 8.5J x 18 cast-alloy wheels with 255/45 R 18 99H all-season tires	o	o
• 18" 9-spoke 8J x 18 cast-alloy wheels with 255/45 R 18 99H all-season tires	o	o
• 19" 12-spoke 8.5J x 19 forged alloy wheels with 255/40 R 19 all-season or performance tires ¹	o	o
• Full size spare tire with alloy wheel	x	x
Exterior		
• Body color outside mirrors; left side flat, right side convex	x	x
• Dual auto dimming, power folding outside mirrors with defog feature and memory. Power tilt passenger side mirror when gear is in reverse.	x	x
• Tinted glass, dark tinted band around edge of windshield	x	x
• Dual pane laminated security glass for improved break-in protection and acoustics	o	o
• 5 MPH (Federal standard) bumpers, painted in body color	x	x
• Exterior aluminum beltline trim and aluminum trim around side windows	x	x
• Protective side moldings, aluminum/body color combination for doors and bumpers	x	x
• Body color door handles	x	x
• Heatable windshield washer nozzles	x	x
• Metallic or pearl effect paint at no extra charge	x	x
• Nomenclature: - Four rings on center rear of trunk lid	x	x
- "A8 L" on left rear of trunk lid	-	x
- "A8 " on left rear of trunk lid	x	-
- "4.2" on right rear of trunk lid	x	x
- "quattro" on right rear of trunk lid	x	x
- Four rings in center of grille	x	x
- "quattro" on left side of front grille	x	x

¹ These tires are designed for optimum performance and handling in warm climates. They are not suitable for cold, snowy or icy weather conditions. If you drive under those circumstances, you should equip your vehicle with all-season or winter tires, which offer better traction under those conditions. We suggest you use the recommended winter or all-season tires specified for your car or its equivalent. These high performance tires also have a lower aspect ratio that aids performance and handling; however, in order to avoid tire, rim or vehicle damage, it is important that the inflation pressure is regularly checked and maintained at recommended levels. Please also remember in making your selection that, while these tires deliver responsive handling, they may ride less comfortably and make more noise than other choices. Finally, these tires may wear more quickly than other choices. For more information on all of these topics, please consult the owner's manual, your local dealer or call 1-800-FOR-AUDI.

Legend x = Standard o = Optional p = Package	A8 4.2 quattro®	A8 L 4.2 quattro®
Exterior Lighting		
• Xenon high intensity, low and high beam headlights with automatic self-leveling	x	x
• High pressure retractable headlight washers	x	x
• Two front fog lights located in lower front bumper	x	x
• Two rear fog lights in portion of taillights located on the decklid	x	x
• Red taillight lenses with red LED's used as the turn signals	x	x
• "Puddle" lights in all four doors	x	x
• LED lights underneath exterior mirrors and side door handles, activated automatically when doors are unlocked and opened	x	x
• Coming home/leaving home lights programmable via MMI (fog lights, tail lights, licence plate lights and LED lights below mirror and door handle)	x	x
• Programmable DRL daytime running light headlights (Canada: foglights), auto on/off low-beam headlights (lightsensor located in interior rearview mirror housing)	x	x
• Side indicators with white LED lights	x	x
• Front clear lenses w/amber turn lights, amber DRL lenses, and side markers w/amber bulbs	x	x
Interior Lighting		
• 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
• Front and rear reading lights located in headliner	x	x
• White ambient LED lighting for storage compartments, front & rear footwells, door handles, indirect illumination of the door trims & reading lights in rear headliner. Different light profiles programmable via	x	x
• Entry/exit lights and active reflectors on all doors	x	x
• Illuminated front make-up mirrors	x	x
• Illuminated rear vanity mirrors	-	p
• Illuminated glove box, trunk, lighter and ashtray	x	x
Comfort and Convenience		
• Fully automatic dual-zone climate control system with sun sensor, humidity sensor, air-quality sensor, particle filter with activated charcoal, and residual-heat function (via ON/OFF button, heater can operate when ignition is off). Draught-free, indirect ventilation.	x	x
• Fully automatic four-zone climate control, adds additional rear climate operating unit in rear center console and allows for separate temperature and air distribution settings for for each individual seat.	o	o
• Power glass sunroof with both tilt and slide functions, tinted safety glass and infinitely variable sunshield, electrically actuated wind deflector (road speed control), automatic pre-select function of sliding roof position, and closing system with pinch protection.	x	x
• Power Solar sunroof, with solar panel to maintain power supply to the fan when car is parked in the sun. With both tilt and slide functions and electrically actuated wind deflector (road-speed control).	o	o
• Power windows with: - 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 all four windows - driver controlled lock out switch for rear power windows	x	x
• Electronic cruise control with coast, resume and speed-up features	x	x
• Adaptive Cruise Control (ACC) adapts the vehicle's speed by applying the accelerator and/or brakes to help keep a safe distance to the vehicle driving ahead in the same distance.	o	o
• Dual auto dimming, power folding outside mirrors with defog feature and memory. Power tilt passenger side mirror when gear is in reverse.	x	x
• Auto dimming interior rearview mirror	x	x
• Electrical rear window defogger with automatic timed shut off feature	x	x
• Power central locking system (doors, deck lid and fuel door), with selective unlocking (enables unlocking of a single door or individual doors), plus: - master switch located in all doors - convenient open for windows	x	x
• Multi-function 4-spoke leather steering wheel with MMI controls (in dashboard color) and leather shift knob	x	x
• Multi-function 3-spoke wood steering wheel with MMI controls and shift paddles in Beige Birch, Brown-polished Walnut or Sycamore. Includes wood shift knob. Not available with heated steering wheel.	o	o
• Heated steering wheel (not available with wood steering wheel)	p	p

Legend x = Standard o = Optional p = Package	A8 4.2 quattro®	A8 L 4.2 quattro®
Comfort and Convenience (Continued)		
• Power tilt and telescopic steering wheel column with automatic tilt-away for ease of entry and exit	x	x
• Fuel tank & trunk lid release button in driver's door	x	x
• Front and rear Parktronic™ Acoustic Parking System	o	o
• Radio frequency remote locking system with selective unlock, remote trunk opening and panic function, remote also activates interior lights and alarm system.	x	x
• Folding ignition key with remote controls (including rear lid release)	x	x
• Power trunk "close" for last 1 in. of trunk closing	x	x
• Power "open/close" for trunk: power "open" by button in remote key, button in the driver's door or soft-touch button in the recess provided in the trunk lid. Power "close" via button on inside of trunk lid.	p	p
• Power door closer for last inches of front and rear side doors	o	o
• Right/left illuminated vanity mirrors in sunvisors (normal and magnified mirrors included)	x	x
• Four assist handles with slow retraction feature and integrated reading lights	x	x
• Manual sunshades for rear side windows	p	x
• Electric sunshade for rear window	p	p
• Windshield wipers with 4-position adjustable delay and rainsensor (located in interior rearview mirror housing) - automatically switches on windshield wipers in wet conditions when in intermittent position	x	x
• 12 V power source in left side of trunk	x	x
Seating		
• Premium leather upholstery (Valcona leather seats)	x	x
• 16-way power front driver and passenger seats with: - 4-way power lumbar adjustment - power fore/aft, height, angle and seatback-angle adjustment - power front head restraint & seat belt height adjustment - power upper seatback adjustment for angle of top third of seatback - power seat depth adjustment (seat foam and upholstery are drawn out, no gap) - 4 memory positions for driver and passenger seat, outside mirrors, head restraint, steering wheel positions and climate control settings	x	x
• Heated front and rear seats (Heated front seats standard in Canada)	p	p
• Front seat ventilation and massage to remove heat and moisture, and to massage and relax back muscles. Seat ventilation by means of fan in each of the front seatbacks/seat bases, activated via button in front climate control unit. Massage through movements of lumbar element, activated via button at side of seat. Requires heated seats, comes with perforated leather.	o	o
• Front seat back map pockets	x	x
• Power lumbar adjustment for rear outboard positions	o	o
• 3 adjustable head restraints for rear seat	x	x
• Concealable center rear headrest	x	x
Interior		
• Alcantara door inserts in all doors	x	x
• Door armrests in leather and Center Console in Leather with Premium Stitching	o	o
• Genuine wood inlays in instrument panel, center console and door panels in Brown Polished Walnut, Sycamore, or Beige Birch	x	x
• Aluminum-design for trim around air vents and MMI display, control unit below central vents, electromechanical parking switch and ring around light switch.	x	x
• Full length center console with: - forward storage area and storage area under front center armrest - adjustable rear passenger air vents, rear seat heater controls and rear power outlet	x	x
• Dual cupholders in front center console	x	x
• Dual front center armrests, folding and height adjustable with storage capability	x	x
• Rear center armrest, folding, with cupholders and first aid kit	x	x
• Front and rear door storage pockets	x	x
• Expandable ski sack	p	p
• Illuminated, lockable glovebox	x	x
• Front and rear floor mats	x	x
• Heat vents to rear seat under the front seats, on B-pillar and in rear center console	x	x
• Flexible luggage net in trunk	x	x
• Four tie-down eyelets in trunk	x	x

2005 Audi A8
Equipment

Legend x = Standard o = Optional p = Package	A8 4.2 quattro®	A8 L 4.2 quattro®
Electronics and Instrumentation		
• MMI (Multi-Media-Interface) 7" retractable backlit color display, MMI controls in center console	x	x
• Bose® Premium 12-speaker sound system with surround sound, subwoofer, center fill speaker and AudioPilot® noise compensation technology	x	x
• AM/FM radio integrated in MMI with Radio Data System (RDS)	x	x
• 6-CD changer in glove box	x	x
• Satellite Radio pre-wiring ²	x	x
• Satellite Radio (choice of XM or Sirius) ²	o	o
• Diversified (five) antenna in rear window	x	x
• Audi DVD Navigation System with 7" color screen display and display in driver information display ³	x	x
• HomeLink® 3 channel remote transmitter located in headliner console	x	x
• Backlit electro-luminescent instrument cluster with automatic brightness control including: - tachometer, electronic speedometer, voltmeter, fuel/coolant and oil temperature gauges - digital clock with date - digital odometer and trip odometer	x	x
• Digital odometer with service interval indicator	x	x
• Driver information display including: - 8-color LCD display - outside temperature display plus 5-function trip computer - radio display + additional Navigation arrows - active Auto Check system with speed warning device - pictogram display for open door and trunk lid	x	x
• Immobilizer II anti-theft alarm system with blinking theft-deterrent light in driver's door with tilt sensor	x	x
• Motorola hands-free digital portable phone with voice recognition (dealer installed). Available for all A8 models until end of October 2004 (production week 44/04, see details and disclaimers in telematics section). Will be replaced by a new bluetooth cell phone preparation as standard equipment for all new U.S. & Canada A8 models as of November 2004 (production week 45/04).	o	o
• OnStar Telematics hardware with 1 year service and phone preparation available for all A8 models until production week 44/04 (see disclaimers in telematics section). Will be replaced by a new bluetooth cell phone preparation and voice control system as standard equipment for all new US & Canada A8 models as of November 2004 (production week 45/04).	x	x
Safety		
• Anti-lock braking system (ABS) with vacuum power assist, Electronic Braking-pressure Distribution (EBD), Electronic Differential Lock (EDL), hydraulic Brake Assist, and traction control (ASR)	x	x
• High-performance aluminum fist-caliper brake system, front brake discs 360 mm diameter with 2 piston calipers, rear discs 310 mm diameter with 1 piston caliper	x	x
• Electromechanical parking brake lever with emergency brake function	x	x
• Driver and front passenger dual-stage and dual-threshold next generation airbags supplemental restraint *	x	x
• Side airbag supplemental restraint for front and rear outboard occupants (seat mounted) *	x	x
• SIDEGUARD™ head protection airbag supplemental restraints for front and rear occupants	x	x
• Driver and front passenger knee protection airbags *	x	x
• Front 3-point safety belts with automatic pretensioning, height adjustable upper mounts and force limiters	x	x
• Three rear 3-point safety belts with automatic pretensioning and angle adjustment	x	x
• Front passenger side, and rear safety belts with Convertible Locking Retractor (ALR and ELR modes)	x	x
• Active front head restraints, automatically pivot forward in the event of a rear-end collision	x	x
• Lower Anchorage and upper Tether Child seat provisions (LATCH) in rear	x	x
• Child-safety rear door locks	x	x
• Power central locking system w/safety unlock (unlocks doors & turns on interior lights if airbag deploys)	x	x
• Active red reflectors in rear of all doors when open	x	x
• First aid kit in rear center armrest	x	x
• Trunk release handle in trunk interior	x	x
• Tire pressure monitoring system	x	x

■ Satellite radio is only available in Continental U.S. Activation and first three months of service free of charge.

■ The Audi Navigation system depends upon signals from the worldwide Global Positioning Satellite network, The vehicle's electrical system, and existing wireless and satellite technologies, must be available and operating properly for the system to function. The mapping does not have the same level of detail in all areas. Periodically, the mapping is updated and a new DVD will be required in order to maintain the latest navigation information. This will be available for purchase from time to time at additional cost. Consult your dealer or call 1-800-FOR-AUDI for details.

**2005 Audi A8 Sedan
Option Program**

Legend	A8 4.2 quattro®	A8 L 4.2 quattro®
x = included in package o = Optional		
• Convenience package	o	o
- Advanced Key (keyless entry/go system with start/stop button on center console)	x	x
- Rear Vanity Mirrors		x
- Power trunk open/close	x	x
- Electric Rear Sunshade (manual side sunshades already standard on A8 L 4.2)		x
- Electric Rear and Manual Side Sunshades	x	
• Cold Weather package	o	o
- Heated front and rear seats, adjustable in 6 steps (Front heated seats standard in Canada)	x	x
- Heated Steering Wheel (not available with Wood Steering Wheel)	x	x
- Ski sack	x	x
• Cold Weather package (for orders with wood steering wheel)	o	o
- Heated front and rear seats, adjustable in 6 steps (Front heated seats standard in Canada)	x	x
- Ski sack	x	x
Separate options		
• 18" 5-spoke cast-alloy wheels with all-season tires	o	o
• 18" 9-spoke cast-alloy wheels with all-season tires	o	o
• 19" 12-spoke forged alloy wheels with all-season or performance tires ¹	o	o
• Acoustic Parking System - front & rear	o	o
• Adaptive Cruise Control	o	o
• Front Seat Ventilation & Massage (requires Cold Weather Package)	o	o
• Power door closer for front & rear side doors	o	o
• Solar sunroof - maintains power supply to the fan when car is parked in the sun	o	o
• Multifunction 3-spoke wood steering wheel with MMI controls and shift paddles in Beige Birch, Brown- polished Walnut or Sycamore. Includes wood shift knob. Not available with heated steering wheel.	o	o
• Satellite radio (choice of XM or Sirius) ²	o	o
• Motorola hands-free digital portable telephone (dealer installed, not available after November 2004)	o	o
Separate options "Sold Orders Only" (Items can be ordered only on sold orders)		
• Dual-Pane Security Glass (improved break-in protection & acoustics)	o	o
• Rear Seat Electric lumbar	o	o
• Dual Rear seat climate control (Four-zone climate control)	o	o
• Door armrest in leather and Center Console with Premium stitching	o	o
• Alcantara package (headliner, hatshelf, B-pillar, sunvisors)	o	o

□ These tires are designed for optimum performance and handling in warm climates. They are not suitable for cold, snowy or icy weather conditions. If you drive under those circumstances, you should equip your vehicle with all-season or winter tires, which offer better traction under those conditions. We suggest you use the recommended winter or all-season tires specified for your car or its equivalent. These high performance tires also have a lower aspect ratio that aids performance and handling; however, in order to avoid tire, rim or vehicle damage, it is important that the inflation pressure is regularly checked and maintained at recommended levels. Please also remember in making your selection that, while these tires deliver responsive handling, they may ride less comfortably and make more noise than other choices. Finally, these tires may more quickly than other choices. For more information on all of these topics, please consult the owner's manual, your local dealer or call 1-800-FOR-AUDI.

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7-spoke cast alloy wheels

8J x 17 ET 43

- Standard
- 235/55 R 17 99 H All-Season Tires
 - *Pirelli P6 Four Seasons*
 - *Michelin HX MXM 4*



5-spoke cast alloy wheels

8.5J x 18 ET 45

- Optional
- 255/45 R 18 99 H All-Season Tires:
 - *Conti TouringContact CH 95*
 - *Pirelli P6 Four Seasons*



9-spoke cast alloy wheels

8J x 18 ET 45

- Optional
- 255/45 R 18 99 H All-Season Tires
 - *Conti TouringContact CH 95*



12-spoke forged alloy wheels

8.5J x 19 ET 45

- Optional
- 255/40 R 19 100 Y Performance Tires ¹ or
 - *Pirelli P Zero Rosso*
 - *Dunlop SP 9000*
 - *Bridgestone Potenza RE 040*
- 255/40 R 19 100 V all-season tires
 - *Pirelli P6 Four Season*

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Interior

Models (MY05): A8 L 4.2 quattro A8 4.2 quattro	Black	Black / Amaretto	Platinum	Blue	Sand Beige	Sand Beige / Cream Beige
	LA	LR	LF	LS	LV	LW
Brilliant Black A2A2	Available	Available	Available	N/A	Available	Available
Light Silver metallic 5B5B	Available	Available	Available	Available	Available	Available
Night Blue pearl effect 7X7X	N/A	Available	Available	Available	Available	Available
Platinum Beige pearl effect 7Z7Z	Available	Available	Available	N/A	Available	Available
Northern Blue pearl effect 9U9U	Available	Available	Available	Available	Available	Available
Akoya Silver metallic 2S2S	Available	N/A	Available	Available	Available	Available
Oyster Gray metallic X1X1	Available	Available	Available	Available	Available	Available
Arctic White B5B5	Available	N/A	Available	Available	Available	N/A
Atlas Gray metallic 4A4A	Available	Available	Available	Available	Available	N/A
Cambridge Green pearl effect 3W3W	Available	Available	Available	N/A	Available	Available
Upper dashboard	Black	Black	Gray	Blue	Clay	Clay
Lower dashboard / Carpets / Carao cover / Hat shelf	Black	Black	Platinum	Blue	Sand Beige	Sand Beige

Note: For the most up-to-date ordering information, please refer to the latest version of the order guide.

Technical Specifications		2005 Audi A8 L 4.2 quattro		2005 Audi A8 4.2 quattro (NWB, where different)	
ENGINE:					
Type	DOHC aluminum alloy 90 degree V8, ULEV exhaust standard				
Arrangement	Front mounted, longitudinal				
Bore	3.33 in.	84.5 mm			
Stroke	3.66 in.	93 mm			
Displacement	255 cu. in.	4172 cc			
Compression ratio	11.0 : 1				
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance				
Horsepower (SAE)	335 hp @ 6500 rpm				
Torque	317 lb.-ft. @ 3500 rpm				
ENGINE DESIGN:					
Cylinder block	Aluminum alloy				
Crankshaft	Forged steel, 5 main bearings				
Cylinder head	Aluminum alloy				
Valve train / intake	DOHC, hydraulic valve lifters, two-stage variable intake manifold				
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	Fully electronic engine management utilizing Bosch Motronic® ME7.1.1., 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	110 amp/hr			
Alternator	14 volts	190 amp			
DRIVETRAIN:					
Transmissions	6-speed Tiptronic transmission				
Type	quattro all-wheel drive				
	6-speed Tiptronic transmission				
Gear ratios:	1st	4.171:1			
	2nd	2.340:1			
	3rd	1.521:1			
	4th	1.143:1			
	5th	0.867:1			
	6th	0.691:1			
	Final Drive	3.317:1			
	Reverse	3.403:1			
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 steering with Servotronic variable speed-based power assist				
Turns (lock-to-lock)	2.8				
Turning circle (curb-to-curb)	41.7 ft.	12.7 m	41.0 ft.	12.5 m	
SUSPENSION:					
Fully Pneumatic	Air Suspension Struts at all four wheels. Air Strut damping characteristics are continuously adjusted via sensors. Four driver-activated suspension settings (Dynamic, Standard, Lift, and Automatic)				
BRAKES:					
Service brake	Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake Distribution (EBD) and Electronic Stabilization Program (ESP); tandem brake booster				
Front, size and type	14.2 in.	360x34 mm	- Ventilated disc, 2 piston calipers		
Rear, size and type	12.2 in.	310x22 mm	- Ventilated disc, 1 piston caliper		
Parking brake	Electro-mechanically actuated at the rear wheels				
WHEELS:					
	Wheel & Tire Program applicable to A8 L 4.2 quattro and A8 4.2 quattro (NWB)				
	Standard 17" (CG0)	Optional 18" (CG3)	Optional 18" (CL7)	Optional 19" (CG4)	
Size	8J x 17	8.5J x 18	8J x 18	8.5J x 19	
Offset	43 mm	45 mm	45 mm	45 mm	
Weight	11,500 g / 25.3 lbs		12,800 g / 28.2 lbs		11,100 g / 24.5 lbs
Type	Cast alloy		Cast alloy		Cast alloy
TIRES:					
	Standard 17" (HA7)	Optional 18" (HG7)	Optional 18" (HG7)	Optional 19" (H4L Perf. 1) or (HT2 All-season)	
Size	235 / 55	255 / 45	255 / 45	255 / 40	255 / 40
Speed rating	H	H	H	Y	V
Construction	Radial	Radial	Radial	Radial	Radial
Load Index	99	99	99	100	100
Brand / Type (all approved)	Pirelli P6 Four Season Michelin HX MXM 4	Pirelli P6 Four Seasons Conti TouringContact Ch 95	Pirelli P6 Four Seasons Conti TouringContact Ch 95	Pirelli P Zero Rosso Dunlop SP 9000	Pirelli P6 Four Season
				Bridgestone Potenza RE 040	

Technical Specifications		2005 Audi A8 L 4.2 quattro		2005 Audi A8 4.2 quattro (NWB, where different)	
BODY:					
Material	Audi Space Frame construction (aluminum alloy) with aluminum alloy body panels				
Corrosion protection	Multi-step anti-corrosion protection				
CAPACITIES:					
Engine oil	8 qt.	7.5 liter			
Fuel tank	23.8 gal.	90 liter			
Cooling system	12.152 qt.	11.5 liter			
EXTERIOR DIMENSIONS:					
Wheelbase	121.0 in.	3074 mm		115.9 in.	2944 mm
Track: front	64.1 in.	1629 mm			
Track: rear	63.6 in.	1615 mm			
Overall length	204.0 in.	5181 mm		198.9 in.	5051 mm
Overall width	74.6 in.	1894 mm			
Overall width with mirrors	79.8 in.	2028 mm			
Height (unloaded)	57.3 in.	1455 mm		56.9 in.	1444 mm
Ground clearance (loaded)	4.72 in.	120 mm		*** Ground clearance is dependent on Suspension Mode setting	
Ground clearance (variance)	+/- 1 in.	+/- 25 mm		*** Ground clearance is dependent on Suspension Mode setting	
Curb weight	4399 lbs.	1995 kg		4288 lbs.	1945 kg
Distribution % front / rear	56.4 / 43.6				
Drag coefficient	Cw = 0.27		Frontal Area = 2.31 sq. m.		
INTERIOR DIMENSIONS (SAE measurements):					
Seating Capacity	5				
EPA class	Large				
Head room front	37.4 in.	951 mm	(with sunroof)	37.3 in.	948 mm
Head room rear	38.3 in.	974 mm		38.0 in.	965 mm
Shoulder room front	59.1 in.	1500 mm			
Shoulder room rear	57.5 in.	1461 mm			
Leg room front	41.3 in.	1049 mm		41.4 cu.ft.	1051 liters
Leg room rear	42.3 in.	1075 mm		37.6 cu.ft.	954 liters
Interior volume front	52.8 cu. ft.	1496.7 liters		52.8 cu.ft.	1494.7 liters
Interior volume rear	54.0 cu. ft.	1529.9 liters		47.5 cu.ft.	1345.2 liters
Interior volume total	121.4 cu. ft.	3439.5 liters		114.9 cu.ft.	3252.8 liters
Luggage Volume (SAE)	14.6 cu. ft.	412.9 liters			
PERFORMANCE:					
0-50 mph (0-80km/h)	4.8 sec.				
0-60 mph (0-100 km/h)	6.3 sec.				
1/4 mile	14.2 sec.				
Top speed	Top speed is electronically limited at 130 MPH (208 km/h)				
FUEL ECONOMY (EPA estimate):					
City	18 mpg				
Highway	24 mpg				
Combined	20 mpg				
FUEL ECONOMY: Canadian Estimate					
City	13.4 liters/100km				
Highway	8.9 liters/100km				

1
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**2005 Audi A8 Sedan
Competitors**

12



BMW 745i
\$69,300 / \$69,995*
4.4 V8, 4376 lbs.
325 hp @ 6100 rpm
330 ft-lbs @ 3600 rpm
Rear Wheel Drive

BMW 745Li
\$73,300 / \$73,995*
4.4 V8, 4464 lbs.
325 hp @ 6100
330 ft-lbs @ 3600
Rear Wheel Drive



Mercedes S430
\$74,250 / \$74,970*
4.3 V8, 4160 lbs.
275 hp @ 5750 rpm
295 ft-lbs @ 3000 rpm
Rear Drive or 4-Matic

S500
\$82,700 / \$83,420*
5.0 V8, 4170 lbs.
302 @ 5600
339 @ 2700
Rear or 4-Matic



Lexus LS 430
\$55,375 / \$56,000*
4.3 V8, 3990 lbs.
290 hp @ 5600 rpm
320 ft-lbs @ 3400 rpm
Rear Wheel Drive



Jaguar XJ
\$59,830 / \$60,495*
4.2 V8, 3766 lbs.
294 hp @ 6000
303 ft-lbs @ 4100 rpm
Rear Wheel Drive

XJ Vanden Plas
\$69,330 / \$69,995*
4.2 V8, 3803 lbs.
294 hp @ 6000
303 ft-lbs @ 4100
Rear Wheel Drive



Volkswagen Phaeton
\$64,600 / \$65,215*
4.2 V8, 5194 lbs.
335 hp @ 6500 rpm
317 ft-lbs @ 3500 rpm
All-wheel-drive

* Includes destination

2005 Audi A8 Sedan Note

A word about this Product Information. Audi of America, Inc., and Audi Canada believe the specifications in this product information to be correct at the time of printing. However, specifications, standard equipment, options and colors are subject to change without notice. Some equipment may be unavailable when your car is built. Please ask your dealer for advice concerning current availability of standard and optional equipment and verify that your car will include the equipment you ordered. Vehicles in this product information are shown with optional equipment. See your dealer for complete details on the Owner Protection Program, Audi Advantage, limited warranty, Audi 24-hour Roadside Assistance program (coverage administered by a third party in the U.S. and Professional Dispatch Group, Welland, Ontario in Canada) and a 12-year limited warranty against corrosion perforation. Tires supplied by various manufacturers. "Audi", "quattro", "A8", "ASF", the four rings and Audi emblems are registered trademarks and "MMI", "Parktronic", and "Sideguard" are trademarks of AUDI AG. "Never Follow" is a registered trademark and "Audi Advanta

* OnStar uses existing emergency service providers and cellular telephone and satellite technologies. Vehicle's electrical system must be operating for OnStar to work. One year OnStar (Safe & Sound Plan) service agreement included. Call 1-800-ONSTAR-7 or visit www.onstar.com for system limitations and details.

* To enable hands free function, system requires a hands free phone cradle and appropriate Audi V60 cellular phone. Each sold separately at additional charge. Audi V60 cellular phone activation and subscriptions are the responsibility of the purchaser. Cellular subscriptions, policies and network coverage will vary by carrier. Consult your carrier for

* Audi vehicles are equipped with a telematics system that utilizes analog telephone signals to enable Audi Telematics by OnStar services. Recently, the U.S. Federal Communications Commission (FCC) ruled that wireless telephone carriers are required to fully support the analog wireless network until February 16, 2008. After this date, it is likely that the analog wireless network will be phased out, rendering analog devices inoperable.

* Owners of Audi vehicles equipped with analog telematics systems will be offered normal Audi Telematics by OnStar services through December 31, 2007. After this date, and because of the expected phase out of the analog wireless network, Audi Telematics by OnStar services cannot be offered to owners of Audi vehicles equipped with analog telematics systems.

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2005 Audi A8 Sedan
Note

Sony Ericsson T610/616