### Equipment

#### Legend

- **x** = Standard
- **o** = Optional
- **p** = Package

#### Technical

- **ASF® – Audi Space Frame** aluminum alloy frame and body shell construction
- **6.0 liter DOHC aluminum alloy 450 hp 15 degree V-angle and 72 degree bank angle W12 engine**, twin overhead camshafts with 4-valves per cylinder, rolleret type rocker fingers, hydraulic valve lifters, variable timing control for inlet and exhaust camshafts
- **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
- **quattro® IV - permanent all-wheel drive system**, includes Torsen® torque sensing center differential
- **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)**
- **Anti-lock brake system (ABS 5.3) with front and rear Electronic Differential Locks (EDL) and Electronic rear Brake force Distribution**
- **Servotronic® - vehicle speed-sensitive power rack & pinion steering**
- **ESP 5.7 - Electronic Stabilization Program**
- **CFC-free (ChloroFlouroCarbon) air conditioning refrigerant**

#### Wheels / Tires

- **18" 5-spoke 8.5J x 18 cast-alloy wheels with 255/45 R 18 99H all-season tires. Available at no cost.**
- **19" 12-spoke 8.5J x 19 forged polished alloy wheels with 255/40 R 19 all-season tires. No cost option**
- **19" 12-spoke polished 8.5J x 19 forged polished alloy wheels with 255/40 R 19 performance tires**, no cost option
- **20" 9-spoke 9J x 20 forged alloy wheels with 275/35 ZR 20 performance tires**, with 18" temporary spare wheel/tire. Available for sold orders only.
- **Full size spare tire with alloy wheel (Note: 18" spare tire for optional 20" wheel)**

#### Exterior

- **Body color outside mirrors; left side flat, right side convex**
- **Dual auto dimming, power folding outside mirrors with defog feature and memory. Power tilt passenger side mirror when gear is in reverse.**
- **Tinted glass, dark tinted band around edge of windshield**
- **Dual pane laminated security glass for improved break-in protection and acoustics**
- **5 MPH (Federal standard) bumpers, painted in body color**
- **Exterior aluminum beltline trim and aluminum trim around side windows**
- **Protective side moldings, aluminum/body color combination for doors and bumpers**
- **Body color door handles with chrome strip and advanced key sensor**
- **Heatable windshield washer nozzles**
- **Metallic or pearl effect paint at no extra charge**
- **Single frame radiator grille with horizontal chrome strips**
- **Trapezoidal exhaust tailpipes**

#### Nomenclature

- Four rings on center rear of trunk lid
- "A8 L" on left rear of trunk lid
- "W12" on right rear of trunk lid
- "W12" on door side moldings
- "W12" etched on door entry sills
- "quattro" on right rear of trunk lid
- Four rings in center of grille
- "W12" on left side of front grille

---

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. Serious wheel and tire damage may occur if the vehicle is operated on rough or damaged road surfaces or upon encountering road debris or obstacles. For more information on all of these topics, please consult the owner's manual, your local dealer or call 1-800-FOR-AUDI.
### Exterior Lighting

- Adaptive Bi-Xenon high intensity, low and high beam headlights with automatic self-leveling, cornering light with auxiliary light bulb, and auto on/off low-beam headlights (light sensor located in interior rearview mirror housing) - **x**
- High pressure retractable headlight washers - **x**
- Two front fog lights located in lower front bumper - **x**
- Two rear fog lights in portion of taillights located on the decklid - **x**
- Red taillight lenses with red LED's used as the turn signals - **x**
- "Puddle" lights in all four doors - **x**
- LED lights underneath exterior mirrors and side door handles, activated automatically when doors are unlocked and opened - **x**
- Coming home/leaving home lights programmable via MMI (fog lights, tail lights, license plate lights and LED lights below mirror and door handle) - **x**
- Programmable LED daytime running light headlights with distinctive 5-pointed star lighting element - **x**
- Side indicators with white LED lights - **x**
- Front clear lenses w/amber turn lights, amber DRL lenses, and side markers w/amber bulbs - **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**
- Front and rear reading lights located in headliner - **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 MMI - **x**
- Entry/exit lights and active reflectors on all doors - **x**
- Illuminated front make-up mirrors - **x**
- Illuminated rear vanity mirrors - **x**
- Illuminated glove box, trunk, lighter and ashtray - **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**
- 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 outboard seat. - **x**
- 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**
- 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**
- 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**
- Electronic cruise control with coast, resume and speed-up features - **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**
- Dual auto dimming, power folding outside mirrors with defog feature and memory. Power tilt passenger side mirror when gear is in reverse. - **x**
- Auto dimming interior rearview mirror - **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**
- Multi-function 4-spoke leather steering wheel in dashboard color, heated, with MMI controls, shift paddles and leather shift knob (available at no cost, replaces wood steering wheel and wood shift knob) - no cost option
### Comfort and Convenience (Continued)

<table>
<thead>
<tr>
<th>Feature</th>
<th>A8 L W12 quattro®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power tilt and telescopic steering wheel column with automatic tilt-away for ease of entry and exit</td>
<td>x</td>
</tr>
<tr>
<td>Fuel tank &amp; trunk lid release button in driver's door</td>
<td>x</td>
</tr>
<tr>
<td>Front and rear Parktronic™ Acoustic Parking System</td>
<td>x</td>
</tr>
<tr>
<td>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</td>
<td>x</td>
</tr>
<tr>
<td>Radio frequency remote locking system with selective unlock, remote trunk opening and panic function, remote also activates interior lights and alarm system.</td>
<td>x</td>
</tr>
<tr>
<td>Folding ignition key with remote controls (including rear lid release)</td>
<td>x</td>
</tr>
<tr>
<td>Advanced Key, keyless entry and go system. Includes proximity sensor in door handles and trunk lid and Start/Stop button in the right upper corner of the MMI terminal. Allows for selective unlocking of doors and trunk lid, starting and stopping of the engine, and locking the vehicle without taking hold of the key. Key has to be within 60 inches (1.5 m) of proximity sensor to unlock vehicle and in the driver's cell for starting the engine.</td>
<td>x</td>
</tr>
<tr>
<td>Power trunk &quot;close&quot; for last 1 in. of trunk closing</td>
<td>x</td>
</tr>
<tr>
<td>Power &quot;open/close&quot; for trunk: power &quot;open&quot; by button in remote key, button in the driver's door or soft-touch button in the recess provided in the trunk lid. Power &quot;close&quot; via button on inside of trunk lid.</td>
<td>x</td>
</tr>
<tr>
<td>Power door close assist for last inches of all four doors. Includes Power rear child locks.</td>
<td>x</td>
</tr>
<tr>
<td>Four assist handles with slow retraction feature and integrated reading lights</td>
<td>x</td>
</tr>
<tr>
<td>Power sunshades for rear side windows</td>
<td>x</td>
</tr>
<tr>
<td>Power sunshade for rear window</td>
<td>x</td>
</tr>
<tr>
<td>Right/left illuminated vanity mirrors in sunvisors (normal and magnified mirrors included)</td>
<td>x</td>
</tr>
<tr>
<td>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</td>
<td>x</td>
</tr>
<tr>
<td>12 V power source in left side of trunk</td>
<td>x</td>
</tr>
</tbody>
</table>

### Seating

<table>
<thead>
<tr>
<th>Feature</th>
<th>A8 L W12 quattro®</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-seating configuration with 2 individual power rear seats (fore/aft &amp; inclination adjustment, easy-entry function via MMI) with 4-way lumbar and extended center console in the rear</td>
<td>x</td>
</tr>
<tr>
<td>5-seating configuration with rear bench for 3 passengers and 4-way lumbar (replaces individual power rear seats and long center console)</td>
<td>no cost</td>
</tr>
<tr>
<td>Premium leather upholstery (Valcona leather seats, perforated) with Alcantara door panel inserts</td>
<td>x</td>
</tr>
<tr>
<td>Piping and Stitching for Seats and Headrests: - Black, Beige and Cream Beige seats with clay piping/stitching - Platinum seats with gray piping/stitching - Amaretto Seats with black piping/stitching - No piping/stitching for blue seats</td>
<td>x</td>
</tr>
<tr>
<td>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 &amp; seat belt height adjustment - 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</td>
<td>x</td>
</tr>
<tr>
<td>Heated front and rear seats</td>
<td>x</td>
</tr>
<tr>
<td>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. Comes with perforated leather.</td>
<td>x</td>
</tr>
<tr>
<td>Front seat back map pockets</td>
<td>x</td>
</tr>
<tr>
<td>Power lumbar adjustment for rear outboard positions</td>
<td>x</td>
</tr>
<tr>
<td>3 adjustable head restraints for rear seat</td>
<td>x</td>
</tr>
<tr>
<td>Concealable center rear headrest</td>
<td>x</td>
</tr>
<tr>
<td>Legend</td>
<td>A8 L W12 quattro®</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>x = Standard</td>
<td></td>
</tr>
<tr>
<td>o = Optional</td>
<td></td>
</tr>
<tr>
<td>p = Package</td>
<td></td>
</tr>
</tbody>
</table>

### Interior

- **Alcantara door panel inserts in all doors**
  - x

- **Door armrests and Center Console in Leather with Premium Stitching**
  - x

- **Lower dashboard, glovebox and door trim in Leather with Premium Stitching**
  - x

- **Upper dashboard and full door panel in Leather with Premium Stitching, pockets on front seat backs and power seat controls in leather. Available for sold orders only.**
  - sold order option

- **Genuine wood inlays in instrument panel, center console and door panels in Brown Polished Walnut, Sycamore, or Beige Birch**
  - 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

- **Full length front 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

- **Dual cupholders in front center console**
  - x

- **Dual front center armrests, folding and height adjustable with storage capability**
  - x

- **Extended rear center console with:**
  - 4-zone climate control
  - 2 headphone jacks for Rear Seat Entertainment System
  - 12 V power outlet
  - storage area
  - Not available with optional 5 seating configuration.
  - x

- **Rear center armrest, folding, with cupholders and first aid kit**
  - sold order option

- **Personal refrigerator in pass through to trunk.**
  - Refrigerator with compressor, temperature control range + 50° to -5° Fahrenheit (+10° to -15° C)
  - Cooling compartment for 2 x 33 ounce bottles, horizontal (2 x 1 liter)
  - Additional compartment including 2 glasses (horizontal)
  - Interior lighting with LED technology
  - Located in pass through instead of ski bag. Retrofitting to ski bag possible. Impact on trunk volume: approx. - 1.1 cu.ft. (-30 liters)
  - Available from quattro GmbH, sold orders only. Not available with optional 5 seating configuration.
  - x

- **Bose® Premium 12-speaker sound system with surround sound, subwoofer, center fill speaker and AudioPilot® noise compensation technology**
  - x

- **AM/FM radio integrated in MMI with Radio Data System (RDS)**
  - x

- **6-CD changer in glove box**
  - x

- **Satellite Radio pre-wiring**
  - 2
  - x

- **Satellite Radio (choice of XM or Sirius)**
  - 2
  - o

- **Diversified (five) antenna in rear window**
  - x

- **Audi DVD Navigation System with 7" color screen display and display in driver information display**
  - 3
  - x

- **Rear Seat Entertainment System with 2 displays in front seat headrests, 6 DVD Changer (located in the trunk), remote control, 1 set of headphones, 2 A/V and 2 headphones connections in rear center console.**
  - x

- **HomeLink® 3 channel remote transmitter located in headliner console**
  - 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

- **Digital odometer with service interval indicator**
  - 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

- **Immobilizer III anti-theft alarm system with blinking theft-deterrent light in driver's door with tilt sensor**
  - x

- **Bluetooth® cellular phone preparation**
  - 2
  - integrated in MMI. Includes address book functionality.
  - x

- **Voice control for radio, CD, Navigation and phone**
  - 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. The Audi Navigation System is designed to provide you with suggested routes in locating addresses, destinations and other points of interest. Changes in street names, construction zones, traffic flow, points of interest or other road system changes are beyond the control of Audi of America, Inc. Complete, detailed mapping of lanes, roads, streets, toll roads, highways, etc., is not possible, therefore you may encounter discrepancies between the mapping and your actual location. Please rely on your individual judgment in determining whether or not to follow a suggested Audi Navigation System route.

Your Audi vehicle is equipped with a phone preparation utilizing Bluetooth® interface to enable hands-free functionality (compatible mobile phones sold separately). You will need a Bluetooth enabled mobile phone in order to utilize this function. Not all Bluetooth enabled mobile phone models are compatible with Audi’s phone preparation. Visit our web site, audiusa.com (audicanada.ca), or contact your local Audi dealer, for the latest listing of compatible phones. Audi recommends the use of the Audi phone cradle (sold separately) with your mobile phone while operating this vehicle.
# 2005 Audi A8 L W12 quattro Option Program

(Accurate at time of printing)

## Legend

- x = included in package
- o = Optional

### A8 L W12 quattro® Options

#### Separate options

- Adaptive Cruise Control
- Solar sunroof - maintains power supply to the fan when car is parked in the sun. Replaces glass sunroof.
- Satellite radio (choice of XM or Sirius)

#### No cost options

- 18” 5-spoke cast-alloy wheels with all-season tires
- 19” 12-spoke polished forged alloy wheels with performance tires
- Multi-function 4-spoke leather steering wheel in dashboard color, heated, with MMI controls, shift paddles and leather shift knob (available at no cost, replaces wood steering wheel and wood shift knob)
- 5-seating configuration with rear bench for 3 passengers and 4-way lumbar (replaces individual power rear seats and long center console)

#### Separate options "Sold Orders Only" (Items can be ordered on sold orders only)

- 20” 9-spoke forged alloy wheels with performance tires, 18” temporary spare wheel. Please advise the customer, while this selection of tires delivers responsive handling, they may ride less comfortably and transmit more road noise than other choices.
- Full Leather Upgrade (upper dashboard and full door panel in Leather with Premium Stitching, pockets on front seat backs and power seat controls in leather). Available for sold orders only.
- Personal refrigerator in pass through to trunk. Available from quattro GmbH, sold orders only. Not available with optional 5 seating configuration.

- Performance 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 four 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 their 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. Serious wheel and tire damage may occur if the vehicle is operated on rough or damaged road surfaces or upon encountering road debris or obstacles. 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.

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

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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 W12 quattro

## ENGINE:

<table>
<thead>
<tr>
<th>Type</th>
<th>DOHC aluminum alloy 15° V-angle and 72° bank angle W12. Engine code: BSB.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arrangement</td>
<td>Front mounted, longitudinal</td>
</tr>
<tr>
<td>Bore</td>
<td>3.31 in. 84 mm</td>
</tr>
<tr>
<td>Stroke</td>
<td>3.55 in. 90.2 mm</td>
</tr>
<tr>
<td>Displacement</td>
<td>366 cu. in. 5998 cc</td>
</tr>
<tr>
<td>Compression ratio</td>
<td>11.0 : 1</td>
</tr>
<tr>
<td>Fuel requirement</td>
<td>Premium unleaded 91 AKI / 95 RON recommended for maximum performance</td>
</tr>
<tr>
<td>Horsepower (SAE)</td>
<td>450 hp @ 6,200 rpm</td>
</tr>
<tr>
<td>Torque</td>
<td>428 lb.-ft. @ 4,000 - 4,700 rpm</td>
</tr>
</tbody>
</table>

## ENGINE DESIGN:

| Cylinder block | Aluminum silicon alloy (Alusil) |
| Crankshaft | Forged, heat-treated steel, 7 bearings, weighing 21.2 kilograms. Crankpins are offset to achieve a constant firing order as on a V6 engine. |
| Cylinder head | Aluminum alloy |
| Valve train / intake | DOHC, double overhead camshafts driven by a single chain, low-friction roller cam followers, 2 inlet & 2 exhaust valves per cylinder. Infinitely variable timing control for camshafts (52° at inlet and 22° at exhaust valves) |
| Firing order | 1 - 12 - 5 - 8 - 3 - 10 - 6 - 7 - 2 - 11 - 4 - 9 |
| Cooling system | Water-cooled, thermostatically controlled radiator fan. Water pump in cylinder block/crankcase, map-controlled electronically controlled continued coolant circulation pump, coolant thermostat, hydraulic fan and electric fan, coolant circulation, and water cooled alternator. |
| Lubrication system | Gear pump, pressure lubrication, full flow through oil cooler |
| Fuel injection / ignition system | Fully electronic engine management utilizing Bosch Motronic® ME7.1.1., sequential injection with electronic throttle control, hot-film air-mass sensing, cylinder selective knock control via 4 sensors and permanent lambda control. |

## ELECTRICAL SYSTEM:

| Battery | 12 volts 110 amp/hr |
| Alternator | 14 volts 190 amp |

## DRIVETRAIN:

| Transmissions | 6-speed Tiptronic transmission |
| Type | quattro all-wheel drive |
| 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, 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 |

## 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 | 15.2 in. 385x36 mm - Ventilated disc, 2 piston calipers |
| Rear, size and type | 13.2 335x22 mm - Ventilated disc, 1 piston caliper |

## PARKING BRAKE:

| Electro-mechanically actuated at the rear wheels |

## WHEELS:

<table>
<thead>
<tr>
<th>Standard 19&quot; (C7G)</th>
<th>Optional 20&quot; (CQ2)</th>
<th>No cost 18&quot; (CG3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>8.5J x 19</td>
<td>9J x 20</td>
</tr>
<tr>
<td>Offset</td>
<td>45 mm</td>
<td>46 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>11,100 g / 24.5 lbs</td>
<td>14,750 g / 32.5 lbs</td>
</tr>
<tr>
<td>Type</td>
<td>Forged alloy</td>
<td>Forged alloy</td>
</tr>
</tbody>
</table>

## TIRES:

<table>
<thead>
<tr>
<th>Standard 19&quot; (HT2) a/s</th>
<th>No cost 19&quot; (H4L) Perf.</th>
<th>Optional 20&quot; (H9N) Perf.</th>
<th>No cost 18&quot; (HG7) a/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>255 / 40</td>
<td>255 / 40</td>
<td>275 / 35</td>
</tr>
<tr>
<td>Speed rating</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Construction</td>
<td>Radial</td>
<td>Radial</td>
<td>Radial</td>
</tr>
<tr>
<td>Load Index</td>
<td>100</td>
<td>100</td>
<td>102</td>
</tr>
<tr>
<td>Brand / Type (all approved)</td>
<td>Pirelli P6 Four Season</td>
<td>Pirelli P Zero Rosso</td>
<td>Pirelli P Zero Rosso</td>
</tr>
<tr>
<td></td>
<td>Dunlop SP 9000</td>
<td>Dunlop Sportmaxx</td>
<td>Conti Touring/Contact Ch 95</td>
</tr>
<tr>
<td></td>
<td>Bridgestone Potenza RE 040</td>
<td>Conti Sport Contact 2</td>
<td></td>
</tr>
</tbody>
</table>
### Technical Specifications 2005 Audi A8 L W12 quattro

#### BODY:
- **Material**: Audi Space Frame construction (aluminum alloy) with aluminum alloy body panels
- **Corrosion protection**: Multi-step anti-corrosion protection

#### CAPACITIES:
- **Engine oil incl. Filter**: 13 qt. / 12.5 liter
- **Fuel tank**: 23.8 gal. / 90 liter
- **Cooling system**: 19.972 qt. / 18.9 liter

#### EXTERIOR DIMENSIONS:
- **Wheelbase**: 121.0 in. / 3074 mm
- **Track**:
  - front: 63.7 in. / 1619 mm
  - rear: 63.2 in. / 1605 mm
- **Overall length**: 204.4 in. / 5192 mm
- **Overall width**:
  - with mirrors: 79.8 in. / 2028 mm
- **Height (unloaded)**: 57.3 in. / 1455 mm
- **Ground clearance (loaded)**: 4.72 in. / 120 mm
- **Curb weight**: 4729 lbs. / 2145 kg
- **Drag coefficient Cw**: 0.27
- **Frontal Area**: 2.31 sq. m.

#### INTERIOR DIMENSIONS (SAE measurements):
- **Seating Capacity**: 4 or 5
- **EPA class**: Large
- **Head room**:
  - front: 37.4 in. / 951 mm (with sunroof)
  - rear: 38.3 in. / 974 mm
- **Shoulder room**:
  - front: 59.1 in. / 1500 mm
  - rear: 57.5 in. / 1461 mm
- **Leg room**:
  - front: 41.3 in. / 1049 mm
  - rear: 42.3 in. / 1075 mm
- **Interior volume**:
  - front: 52.8 cu. ft. / 1486.7 liters
  - rear: 54.0 cu. ft. / 1529.9 liters
  - total: 121.4 cu. ft. / 3439.5 liters
- **Luggage Volume (SAE)**: 14.6 cu. ft. / 412.9 liters

#### PERFORMANCE:
- **0-50 mph (0-80kmh)**: 3.9 sec.
- **0-60 mph (0-100 km/h)**: 5.0 sec.
- **Top speed**: Top speed is electronically limited at 130 MPH (209 km/h)

#### FUEL ECONOMY (EPA estimate):
- **City**: 15 mpg
- **Highway**: 21 mpg
- **Combined**: 17 mpg

#### FUEL ECONOMY: Canadian Estimate:
- **City**: n/a liters/100km
- **Highway**: n/a liters/100km

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1 Performance 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 four 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 their 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. Serious wheel and tire damage may occur if the vehicle is operated on rough or damaged road surfaces or upon encountering road debris or obstacles. 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.