

Note: Items in **bold** are new for 2010. All specs are for LS 460 and LS 460 L models unless otherwise noted.

| EXTERIOR DIMENSIONS | LS 460 | LS 460 L |
|---|----------------------------------|-----------------------------------|
| Wheelbase | 116.9 in. | 121.7 in. |
| Overall Length | 199.2 in. | 203.9 in. |
| Overall Width | 73.8 in. | 73.8 in. |
| Overall Height (unloaded; with coil suspension) | 58.1 in. | 58.1 in. |
| - RWD with optional air suspension | N/A | 57.7 in. |
| - AWD with standard air suspension | 58.1 in. | N/A |
| Tread Width | | |
| - Base: Front/Rear | 18-in. wheels: | 18-in. wheels: |
| | 63.4 in./ 63.6 in. | 63.4 in./ 63.6 in. |
| - with air suspension | | 18-in. wheels: |
| | | 63.5 in. / 63.7 in. |
| | 19-in. wheels: | 19-in. wheels: |
| | 63.2 in. / 63.2 in. | 63.2 in. / 63.2 in. |
| - with AWD & air suspension (Front/Rear) | 63.6 in. / 63.6 in. | 63.6 in. / 63.6 in. |
| Ground Clearance | 5.7 in. | 5.7 in. |
| - with optional air suspension | N/A | 5.3 in. |
| - with AWD and air suspension | 5.3 in. | 5.3 in. |

| INTERIOR DIMENSIONS | LS 460 | LS 460 L |
|-------------------------------------|--------------|--------------|
| Seating Capacity | 5 | 5 |
| - with Executive Class Seat Package | N/A | 4 |
| Headroom | | |
| - Front (with moonroof—standard) | 38.0 in. | 38.0 in. |
| - Rear (with moonroof—standard) | 38.0 in. | 38.0 in. |
| Legroom - Front | 43.7 in. | 43.7 in. |
| - Rear | 35.8 in. | N/A |
| Shoulder Room - Front | 58.5 in. | 58.5 in. |
| - Rear | 56.9 in. | 56.4 in. |
| Hip Room - Front | 55.4 in. | 55.4 in. |
| - Rear | 55.5 in. | 55.5 in. |
| Couple Distance | 34.9 in. | 39.6 in. |
| EPA Cargo Volume: | 18.0 cu. ft. | 18.0 cu. ft. |
| - with rear A/C | 15.5 cu. ft. | 15.5 cu. ft. |



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| WEIGHTS AND CAPACITIES | LS 460 | LS 460 L | |
|---|-------------------|------------|---|
| Curb Weight (in lbs.) | | | |
| RWD | 4,350 | 4,460 | |
| AWD w/standard air suspension | 4,730 | 4,760 | |
| AWD w/standard air suspension and available Executive Class Seating Package | N/A | 4,950 | |
| RWD w/available Executive Class Seating Package | N/A | 4,645 | |
| GVWR | | | |
| - RWD | 5,445 lbs. | 5,445 lbs. | |
| - AWD w/standard air suspension | 5,850 lbs. | 5,850 lbs. | |
| Weight Distribution – Percent Front/Rear | 53:47 | 53:47 | |
| Fuel Capacity | 22.2 gal. | 22.2 gal | _ |

| ENGINE | |
|--|---|
| Type, Materials | V8, aluminum block and heads |
| Designation | 1UR-FSE |
| Valvetrain | DOHC, 32 valve with Variable Valve Timing with intelligence and Electronically controlled intake (VVT-iE) |
| Displacement | 4.6 liter |
| Bore x Stroke | 3.70 in. x 3.27 in. (94.0 mm x 83.0 mm) |
| Compression Ratio | 11.8:1 |
| Horsepower | 380 hp @ 6,400 rpm (AWD: 357 hp @ 6,400 rpm) |
| Torque | 367 lbft. @ 4,100 rpm (AWD: 344 lbft. @ 4,100 rpm) |
| Maximum Engine Speed (redline) | 6,600 rpm |
| Fuel System | Electronically controlled direct sequential fuel injection system; |
| | Electronic Throttle Control System with intelligence (ETCS-i) |
| Fuel Requirement | 91 octane Premium unleaded gasoline |
| Emission Certification (manufacturer's estimate) | ULEV II |



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| DRIVETRAIN | | | |
|--------------|-----------------|---|-------|
| Layout | | Front engine, rear-wheel drive or all-wheel drive | |
| Transmission | Туре | 8-speed sequential shift automatic | |
| Designation | | AA80E (RWD) AA80F (AWD) | |
| Gear Ratios | 1 st | 4.596 | 4.596 |
| | 2 nd | 2.724 | 2.724 |
| | 3 rd | 1.863 | 1.863 |
| | 4 th | 1.464 | 1.464 |
| | 5 th | 1.231 | 1.231 |
| | 6 th | 1.000 | 1.000 |
| | 7 th | 0.824 | 0.824 |
| | 8 th | 0.685 | 0.685 |
| | Reverse | 2.176 | 2.176 |
| Final Drive | | 2.937 3.133 | |

| CHASSIS AN | D BODY | | | |
|----------------|---------------------------------|--|---|-------------------------|
| Body/Frame | | | | |
| Suspension | - Front and Rear | Multi-link / double joint Air suspension: standard AWD Coil suspension: standard RWD | | |
| Steering | - Type | Rack and pinion, Electric Power Steering (EPS) (AWD w/VGRS) | | |
| | | RWD w/coil suspension | RWD w/air suspension | AWD w/air suspension |
| | - Overall Ratio | 14.8:1 | 11.6-16.6:1 (with 18 in. wheel) 11.7-16.7:1 (with 19 in. wheel) | 11.7-18.4:1 |
| | - Turns (lock to lock) | 3.2 | 2.5-3.5 (18-in. wheel) 2.4-3.5 (19-in. wheel) | 2.3-3.7 |
| | - Turning Circle (curb to curb) | LS 460 | LS 460 - 35.4 ft. | |
| | | LS 460L - 36.1 ft. LS 460L - 38. | | LS 460L - 38.7 ft. |
| Brakes | - Type | Antilock Braking System (ABS); Electronic Control Brakes (ECB); all systems integrated with Vehicle Dynamics Integrated Management (VDIM) System | | |
| | - Front | Four-piston calipers, ventilated discs, power assisted | | |
| | - Rear | Two-piston calipers, ventilated discs, power assisted | | |
| Anti-lock Brak | ing System | 4 channel, 4 sense | or | |



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CHASSIS AND BODY – CONT.

Wheel Size/Type

18 x 7.5 J aluminum alloy wheels

- Optional

19 x 8.0 J aluminum alloy wheels (with Appearance Package or stand alone option)

- Optional

19 x 8.0 J forged alloy wheels (with Sport Package)

Tire Size/Type

235/50R18 all season

- Optional

245/45R19 all-season

Spare Tire and Wheel

| PERFORMANCE | |
|--|-------------------------------|
| 0-60 mph Acceleration (manuf. est.) | 5.4 seconds (AWD: 5.9 sec.) |
| 0-1/4 Mile Acceleration (manuf. est.) | 13.9 seconds (AWD: 14.3 sec.) |
| Top Track Speed (electronically limited) | 130 mph (210 km/h) |
| EPA-Estimated Fuel Economy* (city/highway mpg) | LS 460: 16/24 |
| | LS 460 AWD: 16/23 |
| Coefficient of Drag (Cd) | 0.26 |

^{*2010} EPA MPG estimate. Actual mileage will vary.



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STANDARD EXTERIOR FEATURES

Overall Exterior Styling/Body Design

- 18-in. wheels with 10-spokes
- Heated electrochromic outside rearview mirrors with puddle lamps (mounted on the underside of mirror housing), and power folding function
- Integrated dual-chrome exhaust tips
- Integrated fog lamps
- L-finesse design cues
- Long, sleek cabin with stance that hugs the ground and front/rear views that emphasize the elegant cabin silhouette (longer, wider, lower)
- One-piece chrome window surround featuring "slingshot" design and "arrowhead" detail
- Poly-ellipsoid headlamp system with crystal lens
- Rain-sensing wipers
- Thin profile-integrated LED high-mount stop lamp; LED brake, tail and license plate lights
- Ultra deep drawn fenders
- Xenon High-Intensity Discharge (HID) integrated headlamps (low beam)

Body Structure and Paint

- Acoustic glass windshield
- Aluminum crush boxes reduce damage from light impact and improve serviceability
- Body hand-sanded twice during the application of alternating layers of paint and coatings
- Elimination of lead additive in paints, coatings and ceramic components
- Exterior colors (all 3-4 coat multi-bake process) (9): Opaline Pearl, Smoky Granite Mica, Mercury Metallic,
 Starfire Pearl, Peridot Mica, Obsidian, Satin Cashmere Metallic, Matador Red Mica, Deep Sea Mica
- High-strength steel alloy and ultra-high strength sheet metal used in body structure
- Laminated side window glass (front only on LS 460)
- Narrow and precise body panel gaps
- Thinsulate insulation for more effective sound absorption

Convenience Features

- Headlamp washers (standard on LS 460 L)
- One-touch open/close power trunk lid with jam protection (standard on LS 460 L)
- Power door closers (standard on LS 460 L)





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STANDARD INTERIOR FEATURES

Interior Trim

- Carpeted floor mats
- Grain-matched wood trim for center console, dash and door panels
- Interior leather/wood trim colors: Parchment/Medium Brown Walnut, Alabaster/Dark Brown Ash Burl, Light Grey/Dark Gray Birds-eye Maple, Black/Medium Brown Walnut
- Wood and leather-trimmed steering wheel

Seats

- 16-way power driver's seat with auto slide-away and 12-way power front passenger seat
- Climate-controlled front seats and heated rear seats (standard on LS 460 L)
- Power seatbelt shoulder height adjusters for front passengers
- Three-position memory system for driver seat and front passenger seat

Instrumentation and Controls

- Cruise control
- Eco Drive indicator
- Electrochromic inside mirror
- Electroluminescent (Optitron[®]) gauges
- · Gated shifter with sequential sport-shift mode
- HomeLink[®] programmable garage door opener
- Power tilt/telescoping steering wheel with audio, brake hold function and multi-information display controls
- SmartAccess with push-button start/stop
- TFT (Thin Film Transistor) color multi-information display indicates: driving range of remaining fuel in tank, average fuel consumption, average fuel consumption since refueling, current fuel consumption, average speed since vehicle started, outside temperature, elapsed time, Dynamic Radar Cruise Control settings (if equipped) and maintenance/diagnostic messages.

Comfort/Convenience Features

- Bluetooth[®] (including steering wheel controls), rear back-up camera
- Charcoal-activated clean air dust and pollen filter
- Dual-zone front climate control with smog sensor and automatic recirculation control
- First aid kit
- Heated steering wheel (standard on LS 460 L and LS 460 AWD)
- Intuitive Park Assist (standard on LS 460 L)
- Individual vanity mirrors in rear seat area (standard on LS 460L)
- Intelligent High-Beam (standard on LS 460 L)
- LED interior lighting with spot-lamp illumination in front and rear
- Power tilt-and-slide moonroof with one-touch closure



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STANDARD AUDIO SYSTEM

Lexus Premium Audio

- 10 speakers including subwoofer
- AM/FM/Six-disc in-dash CD changer, MP3/WMA capability
- Automatic Sound Levelizer (ASL)
- Digital Sound Processor (DSP)
- Integrated XM[®] Satellite Radio receiver
- MP3 and USB/iPod[®] audio input plugs
- Streaming audio via Bluetooth[®]

STANDARD SAFETY AND SECURITY

Safety

- 3-point seatbelts and headrests for all three rear seating positions
- Active front headrests
- Adaptive Front lighting System (AFS)
- Direct-type Tire Pressure Monitoring System
- Dual stage driver and front passenger airbags
- Force limiters and seatbelt pretensioners
- Front passenger occupant classification system
- Front passenger twin-chamber airbag
- Knee airbags for driver and front passenger
- Side airbags for driver and front passenger
- Side-curtain airbags
- Vehicle Dynamics Integrated Management (VDIM) system

Security

- Entry system with lock, two-stage unlock, trunk open and "panic" features, volume-adjustable confirmation tone and rolling code technology
- Headlight off delay feature: after locking vehicle, headlights remain illuminated for a certain period of time before automatically shutting off
- Multi-function SmartAccess remote with engine immobilizer and remote window "down" feature
- Remote-activated/key-linked illuminated entry: dome light and ignition key cylinder ring illuminate when doors are unlocked (remain illuminated for 15 seconds or until door is opened)
- Safety Connect™ with Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button, and Enhanced Roadside Assistance (complimentary one-year trial subscription included)
- Vehicle theft-deterrent system



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STANDARD MECHANICAL FEATURES

- 3-Mode Air Suspension with Variable Gear Ratio Steering (VGRS) on AWD models
- 8-speed automatic transmission with sequential shift
- Acoustic Control Induction System (ACIS)
- Aluminum block and cylinder heads with aluminum-magnesium alloy cylinder head covers
- Direct Ignition System (DIS)
- Dual Variable Valve Timing with intelligence (VVT-iE) with electrically controlled intake
- Dynamic Cruise Control
- Electronic Parking Brake and brake hold function
- Electronic Power Steering (EPS)
- High-grade plastic water jackets to improve cylinder cooling and performance
- Hollow tube camshafts to reduce weight and increase efficiency
- · Increased use of aluminum in suspension components
- Liquid-filled engine mounts to reduce noise and vibration

FACTORY OPTIONS – LS 460

- 19-inch five-spoke wheels with 245/45YR19 all-season tires (not available on AWD model)
- Lexus HDD Navigation with backup monitor; Bluetooth® hands free phone and phonebook download capabilities; Lexus Enform™ with SafetyConnect™: Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button (SOS), Enhanced Roadside Assistance, Destination Assist, and eDestination (complimentary one-year trial subscription); Lexus Insider™; Voice command casual-language voice recognition system; XM NavTraffic®/NavWeather™ (complimentary 90-day trial subscription); XM® Sports and Stocks (included with XM® radio subscription)
- Lexus HDD Navigation and Mark Levinson[®] Reference Surround Audio with 19 speakers, 450 watts of power and less than 0.1 percent Total Harmonic Distortion (THD) and DVD/CD changer
- Lexus HDD Navigation; Mark Levinson[®] Reference Surround Audio with 19 speakers, 450 watts of power and less than 0.1 percent Total Harmonic Distortion (THD) DVD/CD changer; and Advance Parking Guidance System
- Pre-Collision System (PCS) and Dynamic Radar Cruise Control
- Appearance Package (AWD model only)
 - Aero kit includes front lower spoiler, side rocker panel and rear lower spoiler
 - Unique front sport grille
- Appearance Package (RWD model only)
 - 19-inch five-spoke wheels
 - · Aero kit includes front lower spoiler, side rocker panel and rear lower spoiler
 - Unique front sport grille

Cold Weather Package

- Deicer
- Heavy-duty battery
- · More efficient heater



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FACTORY OPTIONS - LS 460 - CONT.

- Comfort Package
 - Front climate control seats (heated and cooled)
 - · Headlamp washers
 - · Heated rear seats
 - Heated steering wheel (RWD only)
 - Intuitive Park Assist
 - One-touch open/close power trunk with power door closer
 - Rear power sunshade
- Comfort Plus Package
 - Includes Comfort Package features
 - Power rear seats with lumbar massage and power butterfly headrests
 - · Rear seat-mounted side airbags
 - · Semi-aniline leather

Sport Package (RWD model only)

- 19-inch, split 10-spoke forged alloy wheels
- · Aero kit includes front lower spoiler, side rocker panel and rear lower spoiler
- Black/Saddle interior trim
- Brembo brakes
- Custom stabilizer and absorber
- Dark Brown Ash Burl trim with matte finish
- Leather-trimmed and heated steering wheel
- · Paddle shifters
- · Sport front seats
- Sport-tuned air suspension
- Unique front sport grille



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FACTORY OPTIONS - LS 460 L

- 3-Mode Air Suspension with Variable Gear Ratio Steering (VGRS)
- 19-inch five-spoke wheels with 245/45YR19 all-season tires (not available on AWD model)
- Advanced Parking Guidance System with Lane Keep Assist (requires Luxury, Rear Seat Upgrade or Executive-Class Seating Package)
- Advanced Pre-Collision System (APCS) with Lane Keep Assist and Dynamic Radar Cruise Control
- Cold Weather Package
 - Deicer
 - Heavy-duty battery
 - · More efficient heater
- Lexus HDD Navigation with backup monitor; Bluetooth® hands free phone and phonebook download capabilities; Lexus Enform™ with SafetyConnect™: Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button (SOS), Enhanced Roadside Assistance, Destination Assist, and eDestination (complimentary one-year trial subscription); Lexus Insider™; Voice command casual-language voice recognition system; XM NavTraffic®/NavWeather™ (complimentary 90-day trial subscription); XM® Sports and Stocks (included with XM® radio subscription)
- Mark Levinson[®] Reference Surround Sound audio with 19 speakers, 450 watts of power and less than 0.1% Total Harmonic Distortion (THD). Includes DVD/CD changer.
- Pre-Collision System (PCS) with Dynamic Radar Cruise Control
- Appearance Package (AWD model only)
 - Aero kit includes front lower spoiler, side rocker panel and rear lower spoiler
 - Unique front sport grille
- Appearance Package (RWD model only)
 - 19-inch five-spoke wheels
 - Aero kit includes front lower spoiler, side rocker panel and rear lower spoiler
 - Unique front sport grille
- Luxury Package
 - Alcantara[®] headliner
 - Power rear door sunshades
 - · Semi-aniline leather interior



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FACTORY OPTIONS - LS 460 L - CONT.

- Rear Seat Upgrade
 - Includes Luxury Package features
 - Dual-zone rear A/C with air purifier, additional rear air ducts and ceiling-mounted air diffuser with additional wood trim
 - Power rear seats with lumbar massage, climate control and power butterfly headrests
 - · Rear audio control panel
 - Rear cool box
 - Rear seat-mounted side airbags
- Executive-Class Seating Package (requires Mark Levinson Reference Surround Sound System, APGS, and air suspension with VGRS)
 - Includes Rear Seat Upgrade Package features
 - 4-person maximum seating configuration with fixed console and retractable table with wood trim
 - 45-degree power recline right rear seat with multifunction massage and leg rest
 - Infrared rear-seat body-temperature sensors
 - Leather trim for lower instrument panel
 - Rear seat DVD entertainment system with power-opening 9-inch VGA screen