



Note: Items in **bold** are new for 2008.

EXTERIOR DIMENSIONS	LS 460	LS 460 L
Wheelbase	116.9 in.	121.7 in.
Overall Length	198.0 in.	202.8 in.
Overall Width	73.8 in.	←
Overall Height (unloaded; with coil suspension)	58.1 in.	←
- with optional air suspension	N/A	57.7 in.
Tread Width - Base: Front/Rear	18" wheels – 63.5 in./63.5 in.	←
- with optional air suspension	N/A	18" wheels – 63.5 in./63.7 in. 19" wheels – 63.3 in./63.4 in.
Ground Clearance	6.1 in.	←
- with optional air suspension	N/A	5.7 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.
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	40.7 in.	45.5 in.
EPA Cargo Volume	18.0 cu. ft.	18.0 cu. ft.
- with rear A/C	N/A	12.0 cu. ft.

WEIGHTS AND CAPACITIES	LS 460	LS 460 L
Curb Weight	4,244 lbs.	4,332 lbs.
GVWR	5,445 lbs.	5,445 lbs.
- with air suspension	N/A	5,480 lbs.
Weight Distribution – Percent Front/Rear	52:48	52:48
Fuel Capacity	22.2 gal.	22.2 gal



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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
Torque	367 lb.-ft. @ 4,100 rpm
Maximum Engine Speed (redline)	6,400 rpm
Fuel System	Electronically controlled sequential fuel injection; Electronic Throttle Control System with intelligence (ETCS-i)
Fuel Requirement	91 octane Premium unleaded gasoline
Emission Certification (manufacturer's estimate)	ULEV II

DRIVETRAIN	
Layout	Front engine, rear-wheel drive
Transmission Type	8-speed sequential shift automatic
Designation	AA80E
Gear Ratios	1 st 4.596
	2 nd 2.724
	3 rd 1.863
	4 th 1.464
	5 th 1.231
	6 th 1.000
	7 th 0.824
	8 th 0.685
	Reverse 2.176
Final Drive	2.937



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CHASSIS AND BODY		
Body/Frame		
Suspension	- Front	Aluminum Intensive Multi-link, double joint
	- Rear	Aluminum Intensive Multi-link, double joint
Steering	- Type	Rack and pinion, Electric Power Steering (EPS)
	- Overall Ratio	11.6-16.6:1 (with 18 in. wheel) 11.7-16.7:1 (with 19 in. wheel)
	- Turns (lock to lock)	3.2 (2.5-3.6 w/ VGRS)
	- Turning Circle (curb to curb)	35.4 ft. (LS 460) 36.8 ft. (LS 460 L); 37.5 ft. with 19-inch wheels
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 Braking System		4 channel, 4 sensor
Wheel Size/Type		18 x 7.5 J aluminum alloy wheels
	- Optional	19 x 8.0 J aluminum alloy wheels (with Touring Package)
Tire Size/Type		235/50R18 all season
	- Optional	245/45R19 summer (Touring Package)
Spare Tire and Wheel		235/50R 18 with alloy wheel

PERFORMANCE	
0-60 mph Acceleration (estimated)	5.4 seconds
0-1/4 Mile Acceleration	13.8 seconds
Top Track Speed (electronically limited)	130 mph (210 km/h)
Manufacturer's Estimated Fuel Consumption	16 mpg city/24 mpg highway (19 mpg combined)*
Coefficient of Drag (C _d)	0.26

* For model year 2008 the EPA has revised the way the estimated fuel economy rating is determined. Actual mileage will vary.



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STANDARD EXTERIOR FEATURES

Overall Exterior Styling/Body Design

- 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)
- Ultra deep drawn fenders
- One-piece chrome window surround featuring “slingshot” design and “arrowhead” detail
- Integrated dual-chrome exhaust tips
- Xenon High-Intensity Discharge (HID) integrated headlamps (low beam)
- Poly-ellipsoid headlamp system with crystal lens
- Integrated fog lamps
- Arrowhead-shaped parking lamps and wrap-around L-shaped taillights
- Thin profile-integrated LED high-mount stop lamp; LED brake, tail and license plate lights
- Heated electrochromic outside rearview mirrors with puddle lamps (mounted on the underside of mirror housing), and power folding function
- Rain-sensing wipers

Body Structure and Paint

- High-strength steel alloy and ultra-high strength sheet metal used in body structure
- 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
- Acoustic glass windshield
- Thinsulate insulation for more effective sound absorption
- Elimination of lead additive in paints, coatings and ceramic components
- Narrow and precise body panel gaps
- Laminated side window glass (standard on LS 460 L)
- Exterior colors (all 3-4 coat multi-bake process): **Opaline Pearl**, Smoky Granite Mica, Mercury Metallic, Starfire Pearl, Verdigris Mica, Obsidian, Golden Almond Metallic, Noble Spinel Mica, Black Sapphire Pearl

Convenience Features

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



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STANDARD INTERIOR FEATURES

Interior Trim

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

Seats

- L-finesse inspired design theme
- 16-way power driver seat and 12-way power front seats
- Three-position memory system for driver seat
- Power seatbelt shoulder height adjusters for front passengers
- Climate-controlled front seats and heated rear seats (standard on LS 460 L)

Instrumentation and Controls

- SmartAccess with push-button start/stop
- Electroluminescent (Optitron[®]) gauges
- Gated shifter with sequential sport-shift mode
- Electrochromic inside mirror
- Cruise control
- Homelink[®] programmable garage door opener
- Power tilt/telescoping steering wheel with audio, brake hold function and multi-information display controls
- 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

- Power tilt-and-slide moonroof with one-touch closure
- Dual-zone front climate control with smog sensor and automatic recirculation control
- LED interior lighting with spot-lamp illumination in front and rear
- Body heat sensor that helps maintain desired temperature for all occupants
- Charcoal-activated clean air dust and pollen filter
- First aid kit
- Heated steering wheel (standard on LS 460 L)
- Power rear sunshade (standard on LS 460 L)
- Individual vanity mirrors in rear seat area
- 30 GB Hard Disc Drive (HDD) Navigation System with voice activation, Bluetooth[®] (including steering wheel controls), rear back-up camera (standard on LS 460 L)



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STANDARD AUDIO SYSTEM

- XM Satellite Radio with real-time traffic displays and dynamic rerouting (standard on LS 460 L)

Lexus Premium Audio

- Six-disc in-dash CD changer
- AM/FM Tuner
- Digital Sound Processor (DSP)
- Automatic Sound Levelizer (ASL)
- Electronic crossover network
- 10 speakers including subwoofer
- MP3/iPod® audio input plug
- Plays MP3/WMA-formatted audio discs

STANDARD SAFETY AND SECURITY

Safety

- Dual stage driver and front passenger airbags
- Front passenger twin-chamber airbag
- Curtain shield airbags
- Side airbags for driver and front passenger
- Knee airbags for driver and front passenger
- Force limiters and seatbelt pretensioners
- 3-point seatbelts and headrests for all three rear seating positions
- Adaptive Front lighting System (AFS)
- Direct-type Tire Pressure Monitoring System
- Optional Advanced Parking Guidance System with Intuitive Park Assist (LS 460 requires Navigation system)
- Front-passenger occupant classification system

STANDARD MECHANICAL FEATURES

- 8-speed automatic transmission with sequential shift
- Dual Variable Valve Timing with intelligence (VVT-iE) with electrically controlled intake
- Direct Ignition System (DIS)
- Acoustic Control Induction System (ACIS)
- Aluminum block and cylinder heads with magnesium cylinder covers
- High-grade plastic water jackets to improve cylinder cooling and performance
- Electric Power Steering (EPS)
- Electronic Parking Brake and brake hold function
- Vehicle Dynamics Integrated Management (VDIM) system
- Hollow tube camshafts to reduce weight and increase efficiency
- Liquid-filled engine mounts to reduce noise and vibration
- Increased use of aluminum in suspension components



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FACTORY OPTIONS – LS 460

Navigation with Bluetooth[®], rear back-up camera and XM Satellite Radio capability with real-time traffic displays and dynamic rerouting

Mark Levinson[®] Reference Surround Audio with 19 speakers, 450 watts of power and less than 0.1 percent Total Harmonic Distortion (THD). Includes DVD/CD changer and 30 GB Hard Disc Drive (HDD) Audio

Pre-Collision System (PCS) with Dynamic Radar Cruise Control

Advanced Parking Guidance System (requires Intuitive Park Assist)

Intuitive Park Assist (IPA)

Lexus Link[®]

One-Touch Open/Close Power Trunk with Power Door-Closer

Comfort Package

- Front climate control seats (heated and cooled)
- Rear seat heaters
- Heated steering wheel
- Headlamp washers
- Rear power sunshade

Comfort Plus Package

- Includes Comfort Package
- Rear power seats with power headrests
- Rear side airbags
- Rear climate control seats



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FACTORY OPTIONS – LS 460 L

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 and 30 GB Hard Disc Drive (HDD) Audio

Pre-Collision System (PCS) with Dynamic Radar Cruise Control

Advanced Parking Guidance System (APGS requires Intuitive Park Assist)

Intuitive Park Assist (IPA)

3-Mode Air Suspension with Variable Gear Ratio Steering (VGRS)

Lexus Link®

Luxury Package

- Rear power seats with power headrests and memory
- Rear side airbags
- Rear climate control seats (heated and cooled)
- Semi-aniline leather seating surfaces with additional leather trim on armrests
- Ecsaine headliner

Rear Seat Upgrade

- All options from Luxury Package
- Dual-zone rear A/C with air purifier, additional rear air ducts and ceiling-mounted air diffuser with additional wood trim
- Rear Cool Box
- Power rear door sunshades (two per window)
- Rear audio control panel

Executive Class Seating Package*

- All options from Luxury Package and Rear Seat Upgrade Package
- 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
- Rear seat DVD Entertainment System with power-opening 9-inch VGA screen
- Leather trim for lower instrument panel
- Infrared rear-seat body-temperature sensors

*Requires Mark Levinson Reference Surround Sound System, IPA or APGS, and air suspension with VGRS

Touring Package

- Sport-tuned air suspension
- 19" five-spoke wheels with 245/45YR summer tires
- Variable Gear Ratio Steering (VGRS)
- High-friction brake pads with larger high-performance rotors
- **New Sport-Tuned Adaptive Variable Air Suspension (AVS)**

New Air Suspension Package with 19-inch wheels

- **19-inch five-spoke wheels with 245/45R19 all-season tires**
- **Variable Gear Ratio Steering (VGRS)**
- **Adaptive Variable Air Suspension (AVS)**