



EXTERIOR DIMENSIONS	LS 460	LS 460 L
Wheelbase	116.9 in.	121.7 in.
Overall Length	200.0 in.	205.0 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	57.7 in.	57.7 in.
- AWD with standard coil suspension	58.3 in.	58.3 in.
- F SPORT	57.3 in.	57.3 in.
Tread Width		
- RWD: Front/Rear	18-in. wheels: 63.6 in./63.8 in.	18-in. wheels: 63.6 in./63.8 in.
- RWD with 19" wheels (Front and Rear)	19-in. wheels: 63.4 in. / 63.6 in.	19-in. wheels: 63.4 in. / 63.6 in.
Ground Clearance		
- RWD and AWD with standard Coil Suspension	5.1 in.	5.1 in.
- F SPORT	4.7 in.	4.7 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.
Legroom		
- Front	43.7 in.	43.7 in.
- Rear	35.8 in.	36.7 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.



WEIGHTS AND CAPACITIES	LS 460	LS 460 L
Curb Weight (in lbs.)		
RWD	4,233/4,365 (F SPORT)	4,277
AWD	4,651/4,717 (F SPORT)	4,695
RWD w/optional air suspension	4,277	4,321
with Executive Package (RWD/AWD)	NA	4,564/4,894
GVWR (in lbs.)		
RWD	5,415	5,500
AWD	5,680	5,790
Weight Distribution – Percent Front/Rear	54:46	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	386 hp @ 6,400 rpm (AWD: 360 hp @ 6,400 rpm)
Torque	367 lb.-ft. @ 4,100 rpm (AWD: 347 lb.-ft. @ 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

DRIVETRAIN			
Layout	Front engine, rear-wheel drive or all-wheel drive		
Transmission Type	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 AND BODY					
Body/Frame					
Suspension	- Front and Rear	Multi-link / double joint Coil suspension: standard on AWD and RWD Air suspension: available on AWD and RWD (LWB and F SPORT)			
Steering	- Type	Rack and pinion, Electric Power Steering (EPS) / Air Suspension models are equipped with VGRS			
		RWD w/coil suspension	RWD w/air suspension and VGRS	AWD w/air suspension and VGRS	AWD w/coil suspension
	- Overall Ratio	14.9:1	11.1-17.0:1	11.1-17.0:1	14.9:1
	- Turns (lock to lock)	3.1	2.4-3.7 (18" wheel) 2.4-3.6 (19" wheel) 2.3-3.5 (F SPORT)	2.3-3.7	3.1
	- Turning Circle (curb to curb) ft. 18"/19" wheel	LS 460 - 35.4/36.0 ft. LS 460 L - 35.4/36.0 ft.		LS 460 AWD - 37.4 ft. LS 460 AWD L - 38.8 ft.	
Brakes	- Type	Antilock Braking System (ABS); Electronically Controlled 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			

CHASSIS AND BODY – CONT.

Wheel Size/Type	18 x 7.5 in. aluminum alloy wheels
- Optional	19 x 8.0 in. aluminum alloy wheels (with Appearance Package or stand alone option for RWD models)
- Optional	19 x 8.0 J forged alloy wheels (with Sport Package on LS 460 RWD)
Tire Size/Type	235/50R18 all season
- Optional	245/45R19 all-season or summer
Spare Tire and Wheel	235/50R18 with alloy wheel

PERFORMANCE

0-60 mph Acceleration (manuf. est.)	5.4 seconds (AWD: 5.9 sec.)
0-1/4 Mile Acceleration (manuf. est.)	14.0 seconds (AWD: 14.3 sec.)
Top Track Speed (electronically limited)	130 mph (210 km/h)
EPA-Estimated Fuel Economy* (city/highway/combined mpg)	LS 460: 16/24/19 LS 460 AWD: 16/23/18
Coefficient of Drag (Cd)	0.26

*2013 EPA MPG estimate. Actual mileage will vary.

STANDARD EXTERIOR FEATURESOverall Exterior Styling/Body Design

- 18-inch split five-spoke wheels with hollow spoke noise reduction technology and high gloss finish
- Aggressive inverted trapezoid-shaped upper and bottom-wide lower grille to produce a new “spindle grille”
- Arrowhead-shaped LED Daytime Running Lamps
- Integrated LED fog lamps
- Xenon High-Intensity Discharge (HID) integrated headlamps (low beam)
- Heated electrochromic outside rearview mirrors with integrated LED turn signals, LED puddle lamps (mounted on the underside of mirror housing), and power folding function
- New exhaust diffusers with integrated dual-chrome exhaust tips
- New deck lid, rear bumper and license plate surround
- Rain-sensing wipers

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) (8): Ultra White (F SPORT only), Liquid Platinum, Fire Agate Pearl, Starfire Pearl, Nebula Gray Pearl, Obsidian, Matador Red Mica, Satin Cashmere Metallic, 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

- Power door closers

STANDARD INTERIOR FEATURES

Interior Trim

- Carpeted floor mats
- Grain-matched wood trim with genuine aluminum accents for center console, dash and door panels
- Interior leather/wood trim colors: Parchment, Light Gray, Flaxen, Black, Black with Saddle Tan Accent and unique F SPORT black
- Three-spoke wood and leather-trimmed steering wheel

Seats

- 16-way power driver's seat with auto slide-away and 12-way power front passenger seat
- Power seatbelt shoulder height adjusters for front passengers
- Three-position memory system for driver seat and front passenger seat

Instrumentation and Controls

- 12.3-inch display
- Analog clock with GPS functionality
- Cruise control
- Drive Mode Select
- Eco Drive indicator
- Electrochromic inside mirror
- Electroluminescent (Optitron[®]) gauges
- Shifter with leather-trimmed 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
- Remote Touch Interface
- 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

- 12v outlet in center console
- Dual-zone front climate control with smog sensor and automatic recirculation control
- First aid kit
- Individual vanity mirrors in rear seat area
- Lexus HDD Navigation with backup monitor; Bluetooth[®] hands free phone and automatic phonebook download capabilities; Lexus Enform[®] with SafetyConnect[®]: Enhanced Roadside Assistance, Destination Assist, and eDestination (complimentary one-year trial subscription); Lexus Insider[™]; Voice command casual-language voice recognition system; NavTraffic, NavWeather, Sports, Stocks, and Fuel Prices (90-day trial subscription included), App Suite
- Intuitive Park Assist
- Power tilt-and-slide moonroof with one-touch closure
- Rear back-up camera
- Transitional LED ambient lighting (under I/P wood trim)

STANDARD AUDIO SYSTEM**Lexus Premium Audio**

- 10 speakers including subwoofer
- AM/FM/CD player, MP3/WMA capability
- Automatic Sound Levelizer (ASL)
- Digital Sound Processor (DSP)
- HD Radio with iTunes tagging
- Integrated SiriusXM 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)
- Location specific 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

STANDARD MECHANICAL FEATURES

- 8-speed automatic transmission with sequential shift
- 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
- Electronic Parking Brake and brake hold function
- Electric 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
- Shock absorbers for coil suspension (provide greater ride comfort and agility)
- Smart Stop Technology

FACTORY OPTIONS – LS 460 AND LS 460L

- 19-inch multi-spoke wheels with 245/45YR19 all-season or summer tires
- Heated steering wheel
- Leather padded steering wheel
- LED Low and High Beam with Smart Beam
- Five-Mode (Eco, Comfort, Normal, Sport, Sport +) Air Suspension with Variable Gear Ratio Steering (VGRS)
- Blind Spot Monitor with Cross Traffic Alert
- Pre-Collision System (PCS) with all speed Dynamic Radar Cruise Control
- Advanced Pre-Collision System with Driver Attention Monitor and Collision Avoidance Assist
- All Weather Package
 - Quick response PTC heater
 - Headlamp washers
 - Wiper Deicer
- 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
- Comfort Package
 - Front climate control seats (heated and cooled)
 - One-touch open/close power trunk
 - Power rear sunshade

FACTORY OPTIONS – LS 460 AND LS 460L – CONT.

- Semi-aniline Leather and Alcantara Upgrade Package
 - Alcantara headliner
 - Semi-aniline leather trim

- Ultra Luxury Package
 - Four zone climate control
 - Power rear seats with climate control + lumber massage + butterfly headrest
 - Rear air conditioning with cool box
 - Rear audio controls
 - Rear seat side airbags

- Executive-Class Seating Package
 - Four zone climate control
 - Leather door trim
 - Leather glove box
 - Leather instrument panel
 - Power ottoman seat with massage and ottoman knee airbag
 - Rear air conditioning with cool box
 - Rear audio controls
 - Rear power sunshade
 - Rear seat side airbags
 - Rear seat DVD entertainment system with Blu-ray player

- F SPORT
 - 19-inch forged alloy wheels
 - Aluminum pedals
 - Brembo brakes
 - F SPORT door scuff plates
 - Limited Slip Differential (RWD only)
 - Paddle shifters
 - Sport-tuned air suspension
 - Sport seats
 - Unique interior