



EXTERIOR DIMENSIONS	
Wheelbase	121.7 in.
Overall Length	205.0 in.
Overall Width	73.8 in.
Overall Height	58.3 in.
Tread Width - Base: Front/Rear	63.6/63.4
Ground Clearance	5.1 in.

INTERIOR DIMENSIONS	
Seating Capacity	5
- Maximum w/ Executive Class Seating Pkg.	4
Headroom	
- Front: (with moonroof standard)	38.0 in.
- Rear (with moonroof standard)	38.0 in.
Shoulder Room	
- Front:	58.5 in.
- Rear:	56.4 in.
Hip Room - Front	55.4 in.
- Rear	55.5 in.
Couple Distance (distance between front and rear seatbacks)	45.5 in.
EPA Cargo Volume	10.1 cu. ft.

WEIGHTS AND CAPACITIES	
Curb Weight	5,115 lbs.
with executive seating package	5,202 lbs.
GVWR	
- Five passengers	6,205 lbs.
- Four passengers	6,060 lbs.
Weight Distribution – Percent Front/Rear	52/48
Fuel Capacity	22.2 gal.



HYBRID POWER SYSTEM		
Type, Materials		Hybrid system with gas engine and two motor/generators
Total system power		438 hp
ENGINE		
Type, Materials		V8, aluminum block and cylinder heads
Designation		2UR-FSE
Valvetrain		32 valve w/ Dual Variable Valve Timing w/ intelligence and Electronically controlled intake (VVT-iE)
Displacement		5.0 liter
Bore x Stroke		3.70 in. x 3.52 in. (94.0 mm x 89.5 mm)
Compression Ratio		11.8:1
Horsepower		389 hp @ 6,400 rpm
Torque		385 lb.-ft. @ 4,000 rpm
Fuel System		D-4S System (direct- and port-injected system) Electronic Throttle Control System with intelligence (ETCS-i)
Recommended fuel		Premium 91 octane unleaded
Tailpipe Emission Certification (manf. Est.)		SULEV II
ELECTRIC MOTORS		
Motor Generator 1 (MG1)	- Function	Primary generator, engine starter
	- Type	Permanent magnet motor
	- Cooling system	Water-cooled
Motor Generator 2 (MG2)	- Function	Drives wheels; regenerative braking
	- Type	Permanent magnet motor
	- Max. voltage	650 V (DC)
	- Max. output	221 hp (165 kW)
	- Cooling system	Water-cooled
HYBRID BATTERY PACK		
Type	Sealed Nickel Metal Hydride (Ni-MH)	
Cell Quantity	240 cells (12 cells x 20 modules)	
Cell Type	Nickel-plated metal container	
Nominal Voltage	288V	



DRIVETRAIN	
Layout	Full-time all-wheel-drive
Transmission Type	Electronically-controlled Continuously Variable Transmission (ECVT) with two-stage planetary gear reduction, and normal, power and snow modes
Designation	L110F
Differential Ratio	3.916

CHASSIS AND BODY	
Body/Frame	Steel Uni-body Frame Structure
Suspension	- Front Multi-link, double-joint, Air Suspension (AVS) - Rear Multi-link, double-joint, Air Suspension (AVS)
Steering	- Type Rack and Pinion with Electric Power Steering (EPS), Variable Gear Ratio Steering (VGRS) and Vehicle Dynamics Integrated Management (VDIM) - Overall Ratio 11.5 – 18.5 - Turns (lock to lock) 2.3-3.7 - Turning Circle (curb to curb) 38.8 ft.
Brakes	- Type Antilock Braking System (ABS); Electronically Controlled Brakes (ECB); Electronic Brake Force Distribution (EBD), Brake Assist (BA), VSC, TRAC (all systems integrated VDIM System) - Front Four-piston calipers, ventilated discs, power assisted - Rear Two-piston calipers, ventilated discs, power assisted
Anti-lock Braking System	Four-channel, four-sensor



CHASSIS AND BODY CONT.	
Wheel Size/Type	19 x 8.0 in. split seven-spoke with liquid graphite finish
Tire Size/Type	245/45R19 all season
Matching Full-size Spare	245/45R19 with alloy wheel

PERFORMANCE	
0-60 mph acceleration (manuf. results)	5.5 seconds
Top Track Speed (electronically limited)	130 mph
Estimated Fuel Economy (City/Hwy/Combined mpg)*	19/23/20
Recommended fuel	Premium unleaded
Coefficient of Drag (Cd)	0.27

* 2013 EPA MPG estimate. Actual mileage will vary.

STANDARD EXTERIOR FEATURES

Overall Exterior Styling/Body Design

- 19-inch split seven-spoke alloy wheels
- Aggressive inverted trapezoid-shaped upper and bottom-wide lower grille produce a new “spindle grille”
- Hybrid-specific characteristics using blue accents in front headlamps, front and rear “L” badges, “HYBRID” side badging, taillamps, “600h” in rear “LS 600h L” badge, engine cover
- LED DRLs, turn signals and foglamps
- LED low and high beam headlights and Smart Beam
- Side mirrors with integrated turn signals
- Thin profile-integrated LED high-mount stop lamp

Body Structure and Paint

- Acoustic glass windshield
- Aluminum crush boxes reduces damage from light impact and improves serviceability
- Exterior colors (8) with 3-4 coat multi-bake process: Starfire Pearl, Nebula Gray Pearl, Liquid Platinum, Obsidian, Matador Red Mica, Satin Cashmere Mica, Fire Agate Pearl and Deep Sea Mica
- High-strength steel alloy and ultra-high strength sheet metal used in body structure
- Laminated side window glass
- Thinsulate insulation for more effective sound absorption

Convenience Features

- LED Ambient lighting
- 12v outlet in center console and 12v outside of center console
- All Weather Package includes headlamp washers, PTC heater, high AMP*HR battery and windshield de-icer
- Blind Spot Monitor with Cross Traffic Alert
- Heated electrochromic outside rearview mirrors with puddle lamps (mounted on the underside of mirror housing), and power folding function
- Intuitive Park Assist (IPA)
- One-touch open/close power trunk lid with jam protection
- SmartAccess key fobs with Smart Card

STANDARD INTERIOR FEATURES

Interior Trim

- Alcantara® headliner
- Carpeted floor mats
- Climate control (heated and ventilated) rear seats
- Grain-matched wood trim with genuine aluminum accents for center console and door panels
- Heated wood and leather-trimmed steering wheel
- Interior leather: Parchment, Light Gray, Flaxen, Black, Black/Saddle Tan
- Leather-trimmed instrument panel, door panels and armrests
- Semi-aniline leather trimmed seating
- Wood-trimmed and chrome-plated shift knob
- Wood-trimmed assist grips

Seats

- 16-way power driver seat with auto slide-away and 12-way power front passenger seat
- Climate-controlled front seats and heated rear seats
- L-finesse inspired design theme
- Power seatbelt shoulder height adjusters for front passengers
- Power rear seats with climate control and lumbar massage and butterfly headrest
- Three-position memory system for driver, front passenger and rear seats

Instrumentation and Controls

- Analog clock with GPS
- Cruise control
- Electrochromic inside rearview mirror
- Electroluminescent Thin Film Transistor (TFT) gauges including speedometer, coolant temperature, tachometer, fuel, and energy monitor.
- 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

STANDARD INTERIOR FEATURES - CONT.**Comfort/Convenience Features**

- Hard Disc Drive (HDD) Navigation System
 - Bluetooth® hands free phone and phonebook download capabilities
 - Lexus Enform® with App Suite and SafetyConnect®: Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button (SOS), Enhanced Roadside Assistance, Destination Assist, and eDestination (complimentary one-year trial subscription) and App Suite which allows the driver to enjoy various mobile phone applications on the navigation screen
 - Lexus Insider™
 - Rear back-up camera
 - SiriusXM NavTraffic, NavWeather, Sports, fuel prices and Stocks (90-day trial subscription included)
 - Voice command casual-language voice recognition system
- Charcoal-activated clean air dust and pollen filter
- Dual-zone front climate control with smog sensor and automatic recirculation control
- First aid kit
- Four-zone climate control
- Heated steering wheel
- Individual vanity mirrors in rear seat area
- LED interior lighting with spot-lamp illumination in front and rear
- Power door sunshade
- Power rear sunshade
- Power tilt-and-slide moonroof with one-touch closure
- Rear air conditioning with cool box
- Rear audio controls

STANDARD AUDIO SYSTEM**Mark Levinson® Reference Surround Sound**

- 19 speakers (7.1 channel speaker architecture)
- 450 watts, all channels driven (15 discrete channels), 20-20kHz @ less than 0.1 percent Total Harmonic Distortion (THD)
- AM/FM/in-dash six-disc DVD changer with MP3/WMA compatibility
- Automatic Sound Levelizer (ASL)
- Aux/MP3 and USB/iPod® audio input plugs
- Digital Sound Processor (DSP)
- HD Radio with iTunes tagging
- Integrated SiriusXM satellite radio receiver (complimentary 90-day trial subscription)

STANDARD SAFETY AND SECURITY**Safety**

- Adaptive Front lighting System (AFS)
- Dual stage driver and front passenger airbags
- Force limiters and seatbelt pretensioners
- Front passenger twin-chamber airbag
- Front passenger Occupant Classification System
- Front seat-mounted side airbags for driver and front passenger
- Knee airbags for driver and front passenger
- Side curtain airbags
- Three-point seatbelts and headrests for all three rear seating positions
- Rear seat-mounted side airbags

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

- Acoustic Control Induction System (ACIS)
- Air suspension with Variable Gear Ratio Steering (VGRS)
- All-Wheel-Drive with Torsen[®] Limited Slip Center Differential
- Aluminum block and cylinder heads with aluminum-magnesium alloy cylinder head covers
- All Weather Package includes deicer, heavy-duty battery, heavy-duty PTC heater and headlamp washers
- Direct Ignition System (DIS)
- Drive mode select with six settings (EV, Eco, Comfort, Normal, Sport, Sport +)
- Dual Variable Valve Timing with intelligence (VVT-iE) with electrically controlled intake
- Electronic Parking Brake and brake hold function
- High-grade plastic water jackets to improve cylinder cooling and performance
- Increased use of aluminum in suspension components
- Liquid-filled engine mounts to reduce noise and vibration
- Two-stage Electronically-controlled Continuously Variable Transmission (ECVT) with eight-speed sequential shift
- Vehicle Dynamics Integrated Management (VDIM) system: includes Electronically Controlled Brake (ECB) system, Electric Power Steering (EPS), Vehicle Stability Control (VSC), Traction Control (TRAC), Antilock Braking System (ABS), and Electronic Brake-force Distribution (EBD)

FACTORY OPTIONS

- Advanced Pre-Collision System with Driver Attention Monitor System, Lane Keep Assist, Dynamic All Speed Radar Cruise Control, and Collision Avoidance Assist
- Pre-Collision System (PCS) and Dynamic all speed Radar Cruise Control
- Executive Package
 - 4-zone climate control with air purifier and rear infrared temperature sensor
 - 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 control
 - Rear seat audio controls
 - Rear seat side airbags
 - Rear Seat Entertainment System with rear Blu-ray DVD player, power nine-inch screen and wireless headphones