



<b>EXTERIOR DIMENSIONS</b>	
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.

<b>INTERIOR DIMENSIONS</b>	
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.

<b>WEIGHTS AND CAPACITIES</b>	
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.



<b>HYBRID POWER SYSTEM</b>		
Type, Materials		Hybrid system with gas engine and two motor/generators
Total system power		438 hp
<b>ENGINE</b>		
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
<b>ELECTRIC MOTORS</b>		
Motor Generator 1 (MG1)	- Function - Type - Cooling system	Primary generator, engine starter Permanent magnet motor Water-cooled
Motor Generator 2 (MG2)	- Function - Type - Max. voltage - Max. output - Cooling system	Drives wheels; regenerative braking Permanent magnet motor 650 V (DC) 221 hp (165 kW) Water-cooled
<b>HYBRID BATTERY PACK</b>		
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



<b>DRIVETRAIN</b>	
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

<b>CHASSIS AND BODY</b>	
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



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<b>CHASSIS AND BODY CONT.</b>	
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

<b>PERFORMANCE</b>	
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.

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**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

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**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<sup>®</sup> 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<sup>®</sup> 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