



Note: Items in **bold** are new for 2014

EXTERIOR DIMENSIONS	
Wheelbase	112.2 in.
Overall Length	190.7 in.
Overall Width	72.4 in.
Overall Height (unloaded)	57.3 in.
Tread Width - Front	62.0 in.
- Rear	62.6 in.
Ground Clearance (unloaded)	5.5 in.

INTERIOR DIMENSIONS	
Seating Capacity	5
Headroom - Front	38.0 in.
- Rear	37.8 in.
Legroom - Front	42.3 in.
- Rear	36.3 in.
Shoulder Room - Front	57.3 in.
- Rear	55.7 in.
Hip Room - Front	54.5 in.
- Rear	54.1 in.
EPA Cargo Volume	13.2 cu. ft.

WEIGHTS AND CAPACITIES	
Curb Weight	4,190 lbs.
GVWR	5,125 lbs.
Weight Distribution – Percent Front/Rear	51/49
Fuel Capacity	17.4 gal.



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HYBRID POWER SYSTEM	
Type	Series/parallel system with gas engine and electric motors
Total System Power	338 hp (253 kW)
ENGINE	
Type, Materials	V6, aluminum block and cylinder heads
Designation	2GR-FXE (hybrid)
Valvetrain	DOHC 24 valve with dual continuously variable valve timing with intelligence (VVT-i)
Displacement	3.5 liter (3,456 cc)
Bore x Stroke	3.70 in. x 3.27 in.
Compression Ratio	13.0:1
Horsepower (SAE)	286 hp @ 6,000 rpm
Torque	254 lb.-ft. @ 4,600 rpm
Maximum Engine Speed (redline)	6,000 rpm
Fuel System	Direct and Port Injection; Electronic Throttle Control System with intelligence (ETCS-i)
Fuel Requirement	91 octane premium unleaded gasoline
Emission Certification	SULEV II/Tier 2/Bin 3
ELECTRIC MOTORS	
Motor Generator 1 (MG1) Function	Primary generator, engine starter, controls engine speed
Type	Permanent magnet motor
Max. voltage	650V (DC)
Max. output	180 hp (134 Kw)
Cooling system	Water-cooled
Motor Generator 2 (MG2) Function	Drives rear wheels; regenerative braking
Type	Permanent magnet motor
Max. voltage	650V (DC)
Max. output	200 hp (147 Kw)
Cooling system	Water-cooled
HYBRID BATTERY PACK	
Type	Sealed Nickel Metal Hydride (Ni-MH)
Cell Quantity	240 cells (6 cells x 40 modules)
Battery Capacity (3HR)	6.5 amp-hour
Nominal Voltage	288V
System Voltage	650V
Power Output	41 hp (30 Kw)

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DRIVETRAIN	
Layout	Front engine, rear-wheel drive
Transmission Types	Electronically-controlled Continuously Variable Transmission (ECVT) with intelligence and two-stage torque multiplication, power and snow modes
Designation	L110
Motor reduction ratio	3.900 (Low)
	1.900 (High)
Differential Ratio	3.266

CHASSIS AND BODY	
Body/Frame	Unitized steel body/frame structure
Suspension	- Front - Rear
	Double wishbones with high-mount upper arms, coil springs, gas-filled shock absorbers, stabilizer bar Multi-link, coil springs, gas-filled shock absorbers, stabilizer bar Adaptive Variable Suspension (AVS) with driver-selectable shock absorber damping
Steering	- Type - Overall Ratio - Turns, Lock to Lock - Turning Circle (curb to curb)
	Electric Power Steering (EPS): Vehicle speed-sensing rack and pinion with electric power assist; integrated with Vehicle Dynamics Integrated Management (VDIM) system 13.2:1 2.8 17.4 ft.
Brakes	- Type - Front ventilated discs (dia./thickness) - Rear ventilated discs (dia./thickness)
	Anti-lock Braking System (ABS); Electronic Brake force Distribution (EBD); Brake Assist (BA); and VDIM 13.1 in./1.2 in. 12.2 in./0.7 in.
Anti-lock Braking System	4 channel, 4 sensor
Wheel Size/Type	17x7.5 in. (standard) 18x8 in. (optional)
Tire Size/Type	225/50R17 (standard) 235/45R18 (optional)
Spare Tire and Wheel	T155/70D17
Tire Brand(s)	Bridgestone, Dunlop and Michelin



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PERFORMANCE	
0-60 mph Acceleration (mfr. results)	5.6
Top Track Speed (mfr. results)	131 mph
EPA-Estimated Fuel Economy* (city/highway/combined mpg)	29/34/31
Coefficient of Drag (Cd)	0.27

*2014 EPA MPG estimate. Actual mileage will vary.

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STANDARD EXTERIOR FEATURES

Overall Exterior Styling/Body Design

- 17-inch alloy wheels with nine-spoke design
- Aggressive inverted trapezoid-shaped upper and bottom-wide lower grille to produce a new “spindle grille”
- Air stabilizer fins in the lower bumper with hidden exhaust outlet
- Arrowhead-shaped LED Daytime Running Lamps
- Color-keyed exterior mirrors with turn signals
- LED rear combination lamps
- Shark fin antenna for integrated SiriusXM® Satellite Radio (90-day trial subscription included)
- Ultraviolet and infrared ray-reducing tinted glass for all windows
- Unique three-lamp design with LED headlamps with headlamp washers
- Water repellent front door glass
- Width enhancing wheel flares and bumper corners; slanted shape, “slingshot” windows and rear door back edge projects strength and stability

Body Structure and Paint

- Color-keyed Super Olefin Polymer front and rear bumpers
- Exterior colors (9): Starfire Pearl, Liquid Platinum, Nebula Gray Pearl, Fire Agate Pearl, Obsidian, Riviera Red, Satin Cashmere Metallic, Deep Sea Mica, Meteor Blue Mica
- Flat underbody with aero-stabilizing fins for improved aerodynamic and noise performance
- Galvanized rust-resistant steel
- Lightweight asphalt sheets for interior noise reduction
- Narrow and precise body gaps

Convenience Features

- Auto on/off headlamps with 30 second delay-off feature
- Electronic Parking Brake (EPB) with AUTO and HOLD features
- Heated electrochromic auto-dimming retractable outside rearview mirrors with reverse tilt-down functions and puddle lamps with integrated turn signals
- One-touch open/close moonroof
- Power rear sunshade
- Rain-sensing wipers and wiper deicer
- Rear window defogger with auto-off timer
- SmartAccess keyless entry and push-button engine start system

STANDARD MECHANICAL FEATURES

- Acoustic Control Induction System (ACIS) varies intake manifold length depending on conditions
- Adaptive Variable Suspension (AVS)
- Computer controlled ignition system with separate knock sensors for each cylinder bank, and Electronic Spark Advance (ESA) to optimize ignition timing
- Drive Mode Select
- Electronic Throttle Control System with intelligence (ETCS-i) with “Snow Mode”
- Fluid-filled front engine mounts to reduce noise and vibration
- **Kickdown switch**

- VDIM cut-off switch

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STANDARD INTERIOR FEATURES

Interior Trim

- Aluminum alloy “Lexus” stamped scuff plates on all door sills
- Assist grips: two front and two rear
- Bamboo and leather heated steering wheel
- Contrast stitching on soft vinyl wrapped upper I/P, seats, door panels and shift boot
- Leather-trimmed seats available in Black, Flaxen or Light Gray
- Leather-trimmed shift knob
- LED ambient lighting integrated into door ornamentation and RTI surround area
- Padded instrument panel

Seats

- 10-way power driver and front passenger seats (power adjustments: fore-and-aft slide; fore-aft recline; front and total vertical height; lumbar support; four-way manual headrest adjustment fore-and-aft and height)
- Fold-down rear center arm rest
- Heated/ventilated front seats
- Height adjustable headrests for all seating positions, including rear center
- Seatback pockets behind front seats

Instrumentation and Controls

- 8-inch high resolution multi-information touch screen
- Analog clock
- Combined LCD climate control function and temperature display
- Electronic digital odometer and twin trip meters
- Second generation Remote Touch Interface (RTI)
- Steering wheel audio and multi-information display controls
- Three-pod analog instrument cluster with Electro Chromatic Device (ECD) variable transparency glass feature for high visibility in varied light conditions with combination meter and shift-plate surround with brushed-aluminum trim

Convenience Features

- Cruise control
- Electrochromic rearview mirror with compass (without Navigation) and HomeLink® programmable garage door opener
- Electric trunk and fuel filler door releases with valet lockout feature for trunk
- Individual front and rear reading lamps

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STANDARD INTERIOR FEATURES – CONT.

Convenience Features – cont.

- Lexus Personalized Settings (LPS) allows certain electronic settings to be tailored to owner preference (programmable by Lexus dealers)
- Lexus Memory System to control driver's seat (except lumbar), outside mirrors and steering wheel
- One-touch up/down function with jam protection on all four windows
- Power door locks with anti-lockout feature and driver door two-turn unlock system
- Power tilt-and-telescopic steering wheel with automatic tilt-away
- Push button engine start
- Rear A/C vents on the back of center console
- Retained accessory power feature for operation of power windows and optional moonroof
- S-flow auto climate control to focus air flow only to areas where passengers are seated
- Sun visors with illuminated vanity mirrors
- Trunk pass-through

STANDARD AUDIO SYSTEM

Lexus Premium Audio System

- 5.1 surround sound
- 12 speakers
- Advanced voice recognition
- AM/FM/DVD/CD player with WMA/MP3 capability
- Aux and iPod®/USB input plugs
- Bluetooth® hands free phone and automatic phonebook download capability
- Digital signal processing with Automatic Sound Levelizer (ASL)
- Electronic crossover network
- Gracenote voice recognition
- HD Radio™ with iTunes® tagging
- Integrated SiriusXM® Satellite Radio receiver (complimentary 90-day All-Access trial subscription)
- MP3 sound enhancement
- Rear glass-imprinted radio antenna with separate FM diversity antenna
- Text to speech SMS
- Theft-deterrent design

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STANDARD SAFETY AND SECURITY

Safety

- 3-point belts for all seating positions, including rear center position and height adjustable front shoulder belt anchors
- Automatic locking retractor (ALR)/Emergency Locking Retractor (ELR) seat belt function on all seating positions except driver (ELR only)
- Driver and front passenger airbag Supplemental Restraint System (SRS) with occupant-detecting front passenger airbag cutoff mechanism (designed to stop the front passenger airbag from inflating when the front passenger seat is vacant)
- Driver and front passenger knee airbag SRS
- Electronically Controlled Brake (ECB) system
- Force-limiting seat belts with pretensioners for both the driver, front passenger and outboard rear seats
- Four-channel, four-sensor Anti-locking Braking System (ABS) integrated with Brake Assist (BA), Vehicle Stability Control (VSC) and Electronic Brake-force Distribution (EBD)
- Front and rear energy-managing crumple zones
- Front and rear side-curtain airbag Supplemental Restraint System (SRS)
- Impact-dissipating upper interior trim
- LED Daytime Running Lights (DRL)
- Seat-mounted side airbag SRS for front and rear seats
- Tire pressure monitor system (TPMS) system; direct type
- Vehicle Dynamics Integrated Management (VDIM) system integrates and manages ECB, ABS, BA, EBD, VSC and Electric Power Steering (EPS)
- Vehicle Stability Control (VSC) system

Security

- Access-linked illuminated entry: puddle lamps and interior lights illuminate when doors are unlocked
- 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
- Safety Connect[®] with Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button, and Enhanced Roadside Assistance (one-year trial subscription included)
- Vehicle theft deterrent system

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FACTORY OPTIONS

- 18-inch split five-spoke aluminum wheels with all-season or summer tires
- Blind Spot Monitor with **power-folding mirrors and Rear Cross Traffic Alert (RCTA)**
- Full color Heads Up Display (HUD)
- Heated rear seats
- Intuitive Park Assist (IPA)
- Lane Keep Assist (LKA) with Lane Departure Warning (LDW)
- Pre-Collision System (PCS) with Driver's Eyes Monitor and **All-speed Dynamic Radar Cruise Control**
- Lexus HDD Navigation System with 12.3-inch High Resolution Screen
 - 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 (one-year trial subscription) and subscription-free Apps Suite which allows the driver to enjoy various mobile phone applications on the navigation screen
 - Lexus Insider™
 - Advanced voice command casual-language voice recognition system
 - SiriusXM® NavTraffic, NavWeather, Sports, Stocks and Fuel Prices (one-year trial subscription)
- Mark Levinson® Premium surround sound audio system
 - Mark Levinson® audio with 17 Green Edge speakers, Class D Digital amplifier with ultra-low crossover distortion, 835 watts of continuous power at less than 0.1 percent Total Harmonic Distortion (THD), 7.1-channel speaker architecture, DVD audio/video capability
- Luxury Package
 - Bi-LED headlamps with Adaptive Front lighting System (AFS)
 - LED foglamps
 - Semi-aniline leather
 - Multi-contour 18-way power front seats with Memory System
 - Rear A/C and audio controls
 - Rear manual side sun shades
 - Unique design split nine-spoke 18-inch wheel **with Liquid Graphite finish**
 - Unique wood ornamentation
 - Wood/leather steering wheel