



Note: Items in **bold** are new for 2016

EXTERIOR DIMENSIONS	
Wheelbase	112.2 in.
Overall Length	192.1 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)	5.1 in.

INTERIOR DIMENSIONS	
Seating Capacity	5
Headroom - Front	38.0 in.
- Rear	37.8 in.
Legroom - Front	42.3 in.
- Rear	36.8 in.
Shoulder Room - Front	57.3 in.
- Rear	55.7 in.
Hip Room - Front	54.5 in.
- Rear	54.1 in.
SAE Cargo Volume	15.9 cu. ft.

WEIGHTS AND CAPACITIES	
Curb Weight	4,112 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 (252 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	257 lb.-ft. @ 4,500 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
ELECTRIC MOTORS	
Motor Generator 1 (MG1) Function	Primary generator, engine starter, controls engine speed
Type	Permanent synchronous 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	197 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	18x8 in. (standard)
Tire Size/Type	235/45R18 (standard)
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)	137 mph
EPA-Estimated Fuel Economy* (city/highway/combined mpg)	29/34/31
Coefficient of Drag (Cd)	0.27

*2016 EPA MPG estimate. Actual mileage will vary.

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STANDARD EXTERIOR FEATURES

Overall Exterior Styling/Body Design

- **18-inch five-spoke wheels with machined finish**
- 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
- Bi-LED headlamps
- 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
- 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 (10): Eminent White Pearl, Liquid Platinum, Nebula Gray Pearl, Obsidian, Matador Red Mica, Nightfall Mica, Atomic Silver, Caviar and exclusive to F SPORT Ultra White, Ultrasonic Blue Mica 2.0
- 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
- **Blind Spot Monitor with power-folding mirrors and Rear Cross Traffic Alert (RCTA)**
- 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
- 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
- Leather heated steering wheel
- Contrast stitching on soft vinyl wrapped upper I/P, seats, door panels and shift boot
- **Laser Cut Wood** trim
- Leather-trimmed seats available in Black, Flaxen or **Chateau**
- 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

- **4.2-inch** TFT multi-information display
- 8-inch high resolution multi-information touch screen
- Analog clock **with GPS time zone functionality**
- Combined LCD climate control function and temperature display
- Electronic digital odometer and twin trip meters
- Remote Touch Interface (RTI) **with enter and back buttons**
- 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
- **Lexus SD Navigation System with 12.3-inch High Resolution Screen**
 - Bluetooth hands free phone and phonebook download capabilities
 - **Full screen navigation**
 - Lexus Enform App Suite (subscription free): Destination Search, Yelp®, iHeartRadio™, Facebook Places™, Movietickets.com™, OpenTable®, Pandora®, Slacker, Stocks, Fuel Prices, Sports
 - Lexus Enform Destination Services: Destination Assist, and eDestination (one-year trial subscription included, requires Lexus Enform Safety Connect)
 - Lexus Insider™
 - Advanced voice command casual-language voice recognition system
- 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
- Siri Eyes Free Mode – (iPhone® 4S, iPhone 5, iPhone 5C, iPhone 5S)
 - Call contacts
 - Select and play music from iTunes®
 - Hear and compose text messages and emails
 - Hear sports scores, stock info. and weather
 - Use maps and get directions (turn-by-turn navigation can be requested through Siri and Apple maps); map displayed on phone screen
 - Perform POI searches
 - Requested search info. read back to driver over vehicle audio system (iPhone screen remains blank)
 - Read notifications
 - Read calendar information; Add reminders, calendar appointments and notes
- Sun visors with illuminated vanity mirrors
- Trunk pass-through

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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

MULTIMEDIA

- **Menu shortcuts on side of screen to allow quick access to Audio, Navigation, Phone, etc. from any screen**
- Home screen divided into three sections (customizable for HVAC, audio, traffic, MID)
- Navigation equipped vehicles
 - 3D buildings; key buildings/landmarks
 - My traffic routes; preset frequently used routes, ETA for routes
 - Speed limit display on road traveled
 - ETA calculation improved (speed limit, current traffic, predictive traffic data)
 - Traffic detour preview; alternate route options offered when traffic becomes heavy
 - Predictive traffic; provides view of traffic ahead based on Clear Channel Total Traffic Network (15 minute increments)
 - **Ability to display map on full screen**
 - **Updated graphics**
- MID data sharing; content from headunit displayed in MID (e.g. song information, NAV direction, call info.)
- Voice Recognition
 - One-shot address entry
 - Steering wheel control of onboard/offboard voice recognition
 - **Enhanced capabilities to help user when command not understood**
 - Voice Recognition Guidance Level; ability to choose voice prompt level (On/Off)
- Hint screens
- Cache Radio; ability to pause live AM/FM radio and HD Radio
 - Hybrid Data Service
 - Traffic and Weather data provided via HD Radio (free to all users while in HD Radio range)
 - NAV-equipped vehicles have up to date and predictive traffic, Doppler weather and weather forecast
 - NAV-equipped vehicles w/Lexus Enform App Suite can continue to receive data outside of HD Radio range (switches to cellular connectivity when outside of HD Radio range)

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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
- Lexus Enform Safety Connect with Automatic Collision Notification, Stolen Vehicle Location, Emergency Assistance Button, and Enhanced Roadside Assistance (complimentary one-year trial subscription included)
- Vehicle theft deterrent system

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FACTORY OPTIONS

- Full color Heads Up Display (HUD)
- Heated rear seats
- Intuitive Park Assist (IPA)
- 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 video capability, Clari-Fi technology
- Unique three-lamp design with LED turnsignals, Bi-LED headlamps

- **F SPORT**
 - 16-way power sport driver seat (includes power side bolsters, thigh support, four-way lumbar)
 - 19-inch staggered width (RWD only) split five-spoke wheels **with machined finish**
 - F SPORT badging (side and rear)
 - F SPORT tuned Adaptive Variable Suspension (AVS) with Sport S+ mode
 - Larger front brakes with hi-friction pads (RWD)
 - Leather-trimmed seats in **Rioja Red**, Flaxen or Black
 - Rear lip spoiler
 - F SPORT interior including: striated aluminum trim, F SPORT aluminum pedals and door scuff plates, perforated leather trim and black headliner
 - F SPORT front bumper and rear lower valence
 - F SPORT mesh front grille inserts
 - **Naguri aluminum trim**
 - Variable Gear Ratio Steering (VGRS) and Dynamic Rear Steering

- **Lexus Safety System +**
 - Pre-Collision System with Pedestrian Detection
 - All-Speed Dynamic Radar Cruise Control (DRCC)
 - Intelligent High Beam (IHB)
 - Lane Departure Alert (LDA) with Steering Assist

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FACTORY OPTIONS – CONT.

- Lexus Enform Remote® - Allows customers to remotely view and control certain aspects of their Lexus vehicle via a mobile application for iOS and Android smartphone users. Lexus Enform Remote application is separate from Lexus Enform App Suite application (not on head unit). Requires Lexus Enform Safety Connect and Lexus Enform Remote subscription (complimentary one-year trial subscription included). Customers must register for service.
 - Ability to use with multiple Lexus vehicles
 - Engine/HVAC start/stop
 - Guest Driver Monitor
 - Remote Door Lock/Unlock
 - Vehicle Finder
 - Vehicle Status Report
 - Vehicle Alerts - Email and push notifications for certain features
- **Lexus Enform Service Connect** - Allows customers to remotely view information about certain aspects of their Lexus vehicle via MyLexusandBeyond mobile application for iOS smartphone users or LexusDrivers.com. Lexus Enform Service Connect application is separate from Lexus Enform App Suite application (not on head unit). Requires Lexus Enform Safety Connect and Lexus Enform Service Connect subscription (complimentary one-year trial subscription included). Customers must register for service.
 - Vehicle Health Report - Email and push notifications
 - Maintenance Alerts - Email and push notifications