

| EXTERIOR DIMENSIONS | |
|-----------------------------|-----------|
| Wheelbase | 112.2 in. |
| Overall Length | 190.0 in. |
| Overall Width | 71.7 in. |
| Overall Height (unloaded) | 56.1 in. |
| Tread Width - Front | 60.4 in. |
| - Rear | 60.6 in. |
| Ground Clearance (unloaded) | 5.1 in. |

| INTERIOR DI | IMENSIONS | |
|------------------|------------|---------------------------|
| Seating Capacity | | 5 |
| Headroom | - Front | 37.8 in. (with moonroof) |
| | - Rear | 37.0. in. (with moonroof) |
| Legroom | - Front | 43.5 in. |
| | - Rear | 36.4 in. |
| Shoulder Roo | m - Front | 56.3 in. |
| | - Rear | 55.1 in. |
| Hip Room | - Front | 54.4 in. |
| | - Rear | 51.4 in |
| EPA Passeng | jer Volume | 110.5 in. |
| EPA Cargo V | olume | 7.5 cu. ft. |

| WEIGHTS AND CAPACITIES | |
|--|------------|
| Curb Weight | 4,134 lbs. |
| GVWR | 5,200 lbs. |
| Weight Distribution – Percent Front/Rear | 51/49 |
| Fuel Capacity | 17.2 gal. |



| HYBRID POWER SYSTEM | | |
|---------------------------------|--------------------|--|
| Туре | | Series/parallel system with gas engine and electric motors |
| Total System Power | | 340 hp (253 kW) |
| Engine | | |
| Type, Materials | | V6, aluminum block and cylinder heads |
| Designation | | 2GR-FSE |
| Valvetrain | | DOHC 24 valve with dual continuously Variable Valve Timing with intelligence (VVT-i) |
| Displacement | | 3.5 liter |
| Bore x Stroke | | 3.70 in. x 3.27 in. |
| Compression Ratio | | 11.8:1 |
| Horsepower (SAE) | | 292 hp @ 6,400 rpm |
| Torque | | 267 lbft. @ 4,800 rpm |
| Fuel System | | Dual Injection (DI & SFI); Electronic Throttle Control System with intelligence (ETCS-i) |
| Fuel Requirement | | Premium 91 octane unleaded |
| Tailpipe Emission Certification | on (mfr. estimate) | SULEV/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 | 197 hp (147 Kw) |
| | - Cooling system | Water-cooled |
| HYBRID BATTERY PACK | | |
| Туре | | Sealed Nickel Metal Hydride (Ni-MH) |
| Cell Quantity | | 240 cells (6 cells x 40 modules) |
| Cell Type | | Plastic case |
| Nominal Voltage | | 288V (can be boosted to 650 volts with power circuit) |
| Power Output | | 35 Kw |



| DRIVETRAIN | | |
|-----------------|-----------------|--|
| Layout | | Front engine, rear-wheel drive |
| Transmission | Type | Electronically-controlled Continuously Variable Transmission (ECVT) with 2-stage torque multiplication, power and snow modes |
| Designation | | L110 |
| Gear Ratios: | 1 st | N/A |
| | 2 nd | N/A |
| | 3 rd | N/A |
| | 4 th | N/A |
| | 5 th | N/A |
| | 6 th | N/A |
| | Reverse | N/A |
| Differential Ra | atio | 3.769 |

| CHASSIS AN | D BODY | |
|------------|---------------------------------|--|
| Body/Frame | | Unitized steel body/frame structure |
| Suspension | - Front | Double wishbones with high-mount upper arms, coil springs, gas-filled shock absorbers, stabilizer bar |
| | - Rear | Multi-link with high-mount upper arms, coil springs, gas-filled shock absorbers, stabilizer bar |
| | - Variable Suspension | Adaptive Variable Suspension (AVS) with driver- selectable shock absorber damping |
| Steering | - Type | Electric Power Steering (EPS): Vehicle speed-sensing progressive power rack and pinion with electric power assist; integrated with VDIM; VGRS |
| | - Overall Ratio | 12.4 - 17.21:1 |
| | - Turns, Lock to Lock | 2.7-3.2 |
| | - Turning Circle (curb to curb) | 36.7 ft. |
| Brakes | - Type | Anti-lock Braking System (ABS); Electronic Brake- force Distribution (EBD); Brake Assist (BA), Electronically Controlled Brakes (ECB), TRAC and Vehicle Dynamics Integrated Management (VDIM) system |
| | - Front | 13.1 in. ventilated discs |
| | - Rear | 12.2 in. ventilated discs |



| CHASSIS AND BODY- CONTINUED | |
|------------------------------------|--|
| Anti-lock Braking System | 4 channel, 4 sensor |
| Wheel Size/Type | 18 x 8 JJ five-spoke aluminum alloy (with chrome-like finish on center spokes) |
| Tire Size/Type | 245/40R18 Z-rated summer tires |
| - Optional | 245/40R18 all-season run-flat tires |
| Spare Tire and Wheel | Temporary spare, except when equipped with Active Stabilizer |
| Tire Brand(s) | Dunlop, Bridgestone |
| Tire Pressure Monitor (TPM) System | Direct sensing type |

| PERFORMANCE | |
|--|--|
| 0-60 MPH Acceleration (mfr. results) | 5.2 seconds |
| 30-50 MPH Acceleration (mfr. Results) | 2.7 seconds |
| 0-1/4Mile Acceleration (mfr. results) | TBD |
| Top Track Speed (mfr. results) | 131 MPH |
| 2008 EPA estimated mileage | 23 mpg (combined), 22 mpg city/25 mph highway* |
| Coefficient of Drag (C _d) | 0.27 |
| * For model year 2008, the EPA has revised the way the estimated fuel economy rating is determined. Actual | |

^{*} For model year 2008, the EPA has revised the way the estimated fuel economy rating is determined. Actual mileage will vary.





Note: Items in **bold** are new for 2008.

STANDARD EXTERIOR FEATURES

Overall Exterior Styling/Body Design

- Modern exterior design featuring classic elements including long hood and pulled-back cabin with "slingshot" rear side windows and revised front bumper and lower intake area and front grille with chrome-plated surround
- Hybrid badging located on lower rear door molding
- Lower hood and overall height; wider rear tread creates sporty appearance
- Aggressive front lower valance with integrated fog lamps
- Large, exposed dual exhaust with stainless steel tips
- Four independent headlamp design conveys GS heritage
- High-Intensity Discharge (HID) headlamps
- LED rear combination lamps
- Color-keyed exterior mirrors with turn signals
- Water repellant front door glass
- Ultraviolet and infrared ray-reducing tinted glass for all windows
- Blue Hybrid badging added to front and rear logo, engine cover

Body Structure and Paint

- One piece color-keyed Super Olefin Polymer front and rear bumpers
- Narrow and precise body gaps
- Galvanized rust-resistant steel
- Lightweight asphalt sheets for interior noise reduction; additional sound-absorbing asphalt sheets behind the instrument panel
- Flat underbody for improved aerodynamic and noise performance
- Acoustic glass windshield
- Exterior colors: **Black Opal Mica (exclusive to Hybrid), Opaline Pearl,** Obsidian, Mercury Metallic, Matador Red Mica, Starfire Pearl

Convenience Features

- SmartAccess keyless entry and push-button engine start system
- Power trunk closer
- Heated electrochromic auto-dimming outside rearview mirrors with power-retract and reverse tilt-down functions and puddle lamps
- Rear window defogger with auto-off timer
- Auto on/off headlamps with 30 second delay-off feature
- Variable intermittent windshield wipers with mist cycle
- Moonroof
- Rain-sensing wipers
- Headlamp washers
- Intuitive Park Assist system



Note: Items in **bold** are new for 2008.

STANDARD INTERIOR FEATURES

Interior Trim

- Regency leather-trimmed seats available in Ash, Cashmere, Black or Light Gray
- Wood and leather-trimmed three-spoke steering wheel with audio and multi-information display controls
- Wood and leather-trimmed shift knob
- Three wood trim selections: Golden bird's-eye maple (with Cashmere leather interior); Black bird's-eye
 maple (with Black leather interior); Dark Gray Birds-Eye Maple wood trim (with Light Gray leather
 interior) and brushed-aluminum shift-plate surround
- Wood trim on door switch plate
- Stainless steel "Lexus" stamped scuff plates on all door sills
- Full door trim with integrated armrests and foldable front storage pockets
- Fabric sun visors and headliner
- Cut pile carpeting
- Fully carpeted trunk with integrated hooks for cargo net
- Carpeted floor mats (carpeted trunk mat is optional)
- · Assist grips: two front and two rear

Seats

- 10-way power driver's and front passenger's 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)
- Heated front seats
- Seatback pockets behind front seats
- Fold-down rear center arm rest
- Height adjustable headrests for all seating positions, including rear center

Instrumentation and Controls

- Three-pod analog instrument cluster with Electro Chromatic Device (ECD) variable transparency glass feature for high visibility in varied light conditions with revised instrument panel font and appearance, combination meter
- 7-inch multi-information touch screen
- · Steering wheel audio and multi-information display controls
- Combined LCD climate control function and temperature display
- Electronic digital odometer and twin trip meters
- Electronic digital quartz clock
- Drop-down panel located left of steering wheel conceals switches for: outside mirrors; fuel lid opener; trunk release; combination meter brightness control; odometer/trip meter reset; headlamp washer; rear sunshade; park assist; AFS off; interior lights
- Relocated fuel lid opener; trunk release

Convenience Features

- Bluetooth[®] wireless telephone technology
- Soft-touch automatic climate control with dual-zone separate driver's and front passenger's temperature control, auto-recirculation feature with smog sensor and micro dust/pollen removal filter
- · Push button engine start



Note: Items in **bold** are new for 2008.

STANDARD INTERIOR FEATURES - CONT.

Convenience Features - cont.

- Power tilt-and-telescopic steering wheel with automatic tilt-away
- Three-position Lexus Memory System for driver's and front passenger's seats
- Ventilated front seats
- One-touch open/close moonroof with tilt/slide and jam protection
- Rear sunshade
- Power door locks with anti-lockout feature and driver door two-turn unlock system
- Cruise control
- EC rearview mirror with compass and HomeLink[®] programmable garage door opener
- · Retained accessory power feature for operation of power windows and moonroof
- Electric trunk and fuel filler door releases with valet lockout feature for trunk
- Rear A/C vents on the back of center console
- Integrated, retractable coat hooks
- Sun visors with illuminated vanity mirrors
- Auto-dimming electrochromic inside rearview mirror
- Individual front and rear reading lamps
- Lexus Personalized Settings (LPS) allows certain electronic settings to be tailored to owner preference (programmable by Lexus dealers)

STANDARD AUDIO SYSTEM

Lexus Premium Audio System

- AM/FM ETR with auto-reverse cassette and 6-disc CD changer
- Dolby B and C noise reduction system for cassette
- Cassette Scan feature
- 10 speakers
- Digital signal processing with Automatic Sound Levelizer (ASL)
- Electronic crossover network
- Rear glass-imprinted radio antenna with separate FM diversity antenna
- Theft-deterrent design



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STANDARD SAFETY AND SECURITY

Safety

- Driver and front passenger airbag Supplemental Restraint System (SRS) with occupant-detecting front passenger airbag cutoff mechanism (prevents the front passenger airbag from inflating when the front passenger seat is vacant)
- Front and rear side-curtain airbag Supplemental Restraint System (SRS)
- Seat-mounted side airbag SRS for front and rear seats
- Driver and front passenger knee airbag SRS
- Force-limiting seat belts with pretensioners for driver, front passenger and outboard rear seats
- Three-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)
- Vehicle Stability Control (VSC) system
- Four-channel, four-sensor Anti-locking Braking System (ABS) integrated with Brake Assist (BA), Vehicle Stability Control (VSC) and Electronic Brake-force Distribution (EBD)
- Electronically Controlled Brake (ECB)
- Vehicle Dynamics Integrated Management (VDIM) with cut-off switch integrates and manages ECB, ABS, BA, EBD, VSC and Electronic Power Steering (EPS)
- Brake pedal regression construction to help reduce rearward movement of brake pedal in order to reduce impact on driver's lower body during a severe frontal collision
- Rear back-up camera
- Highly rigid cabin
- Padded instrument panel
- Impact-dissipating upper interior trim
- Front and rear energy-managing crumple zones
- Tire Pressure Monitor system; direct type
- Daytime Running Lights (DRL)
- Adaptive Front lighting System (AFS)

Security

- Engine immobilizer and remote window-down feature
- Entry system with lock, two-stage unlock, trunk open and "panic" features, volume-adjustable confirmation tone and rolling code technology
- Access-linked illuminated entry: puddle lamps, interior lights and engine start button ring illuminate when doors are unlocked (remains illuminated for 15 seconds or until door is opened)
- Vehicle theft deterrent system
- Headlight off delay feature: After locking vehicle, headlights remain illuminated for a certain period of time before automatically shutting off



STANDARD MECHANICAL FEATURES

- Computer controlled ignition system with separate knock sensors for each cylinder bank, and Electronic Spark Advance (ESA) to optimize ignition timing
- Dual exhaust system for maximum power
- Fluid-filled front engine mounts to reduce noise and vibration

FACTORY OPTIONS

Mark Levinson® Audio System with Navigation

- 14 speakers
- ultra-low crossover distortion
- 330 watts of continuous power at less than 0.1% Total Harmonic Distortion (THD)
- 7.1-channel speaker architecture
- DVD audio/video capability)

DVD Navigation System

- Voice activation
- Rear back-up camera
- Bluetooth®

Pre-Collision System (PCS) with Dynamic Radar Cruise Control

Active Stabilizer

All-Season Run-Flat Tires (with spare tire)

Rear Spoiler

Lexus Link



DEALER ACCESSORIES

Alloy Wheels

- 18" racing style G-Spider
- Precision crafted to Lexus' strict engineering specifications to provide superior balance and a smooth ride

Audio - XM/Sirius Satellite Radio

- Uses genuine Lexus XM/Sirius receiver and antenna
- Provides 160 channels covering music, news, sports, talk, comedy and children's programs as well as traffic and weather

Car Cover

- Special fabric sheds moisture easily and dries quickly
- Fabric breathes to allow heat or condensation to escape easily
- Fabric is UV resistant to help protect the vehicle's finish and interior
- Patented fiber encapsulation process used to manufacture the fabric helps prevents dust from reaching the vehicle
- Rear license window allows easy viewing of the license number
- Designed specifically for the new GS for a custom fit

Cargo Net

- Helps keep items stored in the trunk from sliding and slipping
- Net secures objects of various shapes and sizes

Floor Mats, All Weather

- Protects against rain, snow, mud and sand to keep the interior clean
- Floor mat design channels water and fluids away from feet to help keep passengers dry
- Designed specifically for the new GS for a perfect fit

"Lexus Hybrid Drive" Decal (new)

- Distinguishes GS hybrid model from non-hybrid GS models

Rear Spoiler

- Enhances the sporty image of the GS while making it more aerodynamic

Trunk Mat, Carpeted

- Protects the area inside the trunk from debris, dirt and mud
- Helps insulate the cabin from additional road noise or rattles from the trunk area
- Adds a more luxurious look to the interior of the trunk
- Custom designed specifically for the GS trunk floor to provide an exact fit

Wheel Locks

- Helps protect vehicle against wheel and tire theft
- Matched and weight balanced to Lexus specifications