

2007 LEXUS **GS Hybrid**



 LEXUS

2007 LEXUS **GS Hybrid** Power In Its Purest Form

There's a certain feeling you get when you're behind the wheel of a GS Hybrid. It's a feeling that can only be described as electric. Of course, it may have something to do with what you'll find underneath its sculpted hood—the forces behind this rear-wheel-drive performance sedan—a powerful, potent electric-drive motor harmoniously paired with a V6 gasoline engine. But then again, as soon as your foot touches the accelerator, you tend to forget about all that. Together they provide incredible power at a moment's notice. And a 0-to-60 time more comparable to that of a V8. Power, performance, luxury and lower emissions. When Lexus designs a hybrid vehicle, there are no compromises.



2007 LEXUS **GS Hybrid** Performance



How long does it take to turn a hybrid-technology skeptic into an avid devotee? About 5.2 seconds.^{1,2} That's the amount of time required for the GS 450h to accelerate from 0 to 60 miles per hour. Contrary to what some might believe, it's not the V6 gasoline engine that's solely responsible for such a feat, nor is it the high-output electric-drive motor. It's a seamless mixture of the two. A mixture so potent, it can churn out a total of 340 horsepower¹—and do so while maintaining a Super Ultra-Low Emission Vehicle (SULEV) rating. In addition, the GS Hybrid is equipped with an exclusive set of 18 x 8.0-inch alloy wheels,³ along with 245/40ZR18 tires³ for better handling and performance. Another feature, Variable Gear-Ratio Steering (VGRS), automatically adjusts the rack-and-pinion steering ratio for optimum maneuverability and control. Desire even more performance while cornering? Then consider upgrading to the available Active Stabilizer Suspension System. It uses wheel-speed and steering-wheel-angle sensors to quickly calculate and adjust the stabilizer bars to help keep the vehicle flat through a turn.

^{1,2,3} See page 14 for more information.

2007 LEXUS **GS Hybrid** Technology



Vehicle shown with available equipment.

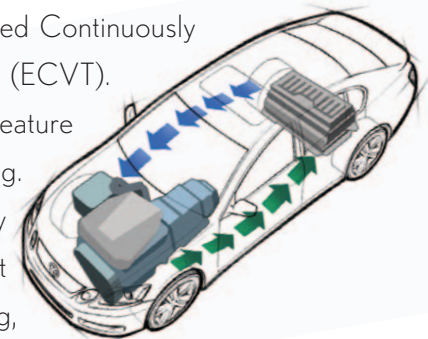
As you might expect, the GS Hybrid is equipped with the latest in automotive technology.

To begin with, there's the powerful V6 gasoline engine featuring dual Variable Valve Timing with intelligence (VVT-i). By continually monitoring the engine's valves, the VVT-i system provides optimum performance at any speed. Paired with this extraordinary engine is a high-output permanent-magnet electric-drive motor. And ensuring a smooth transition from gasoline to electric power is an Electronically controlled Continuously Variable Transmission (ECVT).

Another important feature is regenerative braking.

With it, kinetic energy that is normally lost as heat during braking,

coasting or deceleration is captured and used to recharge the battery. And to help you keep an eye on all that power, the conventional tachometer has been replaced with a power meter, allowing you to quickly monitor the level of electrical output with just a glance at the instrument panel.



2007 LEXUS **GS Hybrid** Luxury



Vehicle shown with available equipment.



Of course, no matter how impressively the GS Hybrid performs, it just wouldn't be a Lexus without an equally notable list of luxuries. These include heated and ventilated front seats, a perforated leather-trimmed interior, a power rear sunshade and a power moonroof that automatically opens and closes with just a tap of a button. Then there's the added convenience of SmartAccess.⁴ By keeping a key-sized transmitter in your pocket or purse, all that's required to unlock the door or trunk is a simple touch of the handle. And starting the vehicle is just as easy. Simply step on the brake and press the Power button.

Another extraordinary feature is Intuitive Parking Assist. It uses a combination of eight sensors to determine whether the vehicle is going to make contact with an object in its path. If contact appears imminent, the system promptly alerts you, helping you avoid any marring of the exterior of your Lexus. And should the weather take a turn for the worse, the rain-sensing windshield wipers are sure to be appreciated. When a sensor behind the rearview mirror detects moisture on the glass, the wiper blades are activated at the appropriate speed.

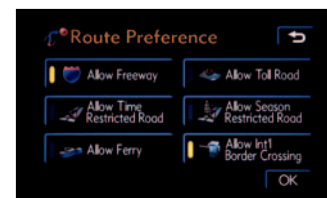
⁴See page 14 for more information.

2007 LEXUS **GS Hybrid** DVD Navigation System, Backup Camera and Bluetooth® Technology



Another luxury the GS Hybrid affords you is the freedom to leave your maps at home.

Simply tell the available Lexus voice-activated DVD Navigation System⁵ where it is you'd like to go, and follow the verbal and visual cues to your destination. The system can understand more than 100 spoken English commands, but the language shown on the accompanying in-dash LCD screen can easily be switched to either French or Spanish. You'll also appreciate the higher resolution monitor this new system provides, not to mention the 32,000 vivid colors it displays. For added convenience, a compatible Bluetooth^{®6} mobile phone can wirelessly connect to the system, making hands-free calls quick and easy. Another feature of this system is a backup camera.⁷ The moment the GS 450h is placed in reverse, a tiny video camera at the rear of the vehicle transmits a wide-angle image to your navigation screen, allowing you to see things your rearview mirrors might otherwise have missed. And finally, exclusive to Lexus Hybrid vehicles, is the power distribution display. It not only allows you to see a graphic representation of how much power is being stored, it lets you observe how the hybrid system changes its power flow based on the driving situation.



^{5, 6, 7} See page 14 for more information.
Vehicle shown with available equipment.

2007 LEXUS **GS Hybrid** Mark Levinson® Premium Audio System



The GS 450h is also available with a Mark Levinson® Premium Surround Sound Audio System.⁸ Designed exclusively for the GS, this system features 14 meticulously positioned speakers driven by 330 watts at 0.1% THD,⁹ for crystal-clear sound regardless of volume level. And to ensure those speakers have more than enough audio to flawlessly reproduce, the system also includes an in-dash, single-feed, six-disc DVD/CD auto-changer with 7.1-channel architecture surround sound.

^{8,9} See page 14 for more information.
Vehicle shown with available equipment.



2007 LEXUS **GS Hybrid** Safety

After driving the GS Hybrid, you might assume that performance and luxury were all we were concerned about.

Truth be told, there is always something more important to us: the well-being of you and your passengers. That's why in addition to the absolute essentials—driver's and front passenger's airbags,¹⁰ front seat-mounted side airbags,¹⁰ rear seat-mounted side airbags (SRS)¹⁰, driver's and front passenger's knee airbags¹⁰ and front and rear curtain airbags¹⁰—you'll find a range of extra safety features. Things like Vehicle Dynamics Integrated Management (VDIM),¹¹ which uses a series of sensors to help predict loss of traction in a turn. If a problem is identified, a combination of individual-wheel braking, throttle activation and steering assistance can seamlessly help correct the situation.

Of course, a vehicle as powerful as the GS 450h also needs an equally impressive braking system. That's why it's equipped with high-performance Electronic Controlled

Braking (ECB). And to ensure your path remains well-lit through every twist and turn, the GS Hybrid comes with an Adaptive Front Lighting System (AFS), which automatically directs the headlamps toward the direction you are turning. For even more peace of mind, an advanced Pre-Collision System (PCS)¹² is also available. With PCS,¹² a millimeter-wave radar system can calculate the distance and speed at which the GS is approaching an object and determine whether a collision is imminent. If so, the system will automatically help apply maximum braking force while simultaneously retracting the front seatbelts.



^{10, 11, 12} See page 14 for more information.

2007 LEXUS **GS Hybrid** Ownership Experience



The Lexus ownership experience is a magnificent journey within itself. Measured not in mileage, but in moments. Flashes in time that in whatever small way enrich your life. You'll feel it in the peace of mind you get from our well-earned reputation for unparalleled vehicle quality and dependability. You'll feel it in the pride of knowing that Lexus puts a high priority on the wise use of natural resources as shown in the certification of every vehicle we build. And you'll feel it in our award-winning customer service, where every dealership goes to great lengths to accommodate you. This journey of Lexus ownership is the reason our owners are some of the most satisfied drivers on the road today. And why so many of them return again and again. Because we understand that whether your travels take you to the vineyards for a weekend or simply around the block for errands, the miles of road left behind you will be a distant memory. But the moments along the way will last a lifetime.

CUSTOMER SATISFACTION

Your total and complete satisfaction is our highest priority. Which is why you may find our dealerships provide such amenities as offices you can use for business, free pickup and delivery, service loaner vehicles, complimentary car washes, concierge services and even 24-hour emergency Roadside Assistance* for your first four years of ownership.

RESPONSIBLE THINKING

As part of an effort to reduce emissions whenever possible, every Lexus vehicle built since 2004 has been certified as either a Low-Emission Vehicle (LEV), Ultra-Low Emission Vehicle (ULEV or ULEV II) or Super Ultra-Low Emission Vehicle (SULEV).

VALUE/DEPENDABILITY/QUALITY

Our commitment to build the finest vehicles in the world has not wavered since our inception. Seen in such ways as projected low repair costs and high retained value, our pursuit of perfection has never been stronger.

*Coverage only available in the continental U.S. and Canada. Please see your Lexus dealer for details on our Roadside Assistance program. Vehicle shown with optional equipment.



2007 LEXUS **GS Hybrid** Options & Accessories



Individual Options and Accessories

Mark Levinson 14-speaker 330-watt @ 0.1% THD⁹ Premium Surround Sound Audio System⁸ with 7.1 architecture and in-dash, single-feed, six-disc DVD/CD auto-changer ▪ Lexus voice-activated DVD Navigation System⁵ ▪ Lexus Pre-Collision System (PCS)¹² and Dynamic Radar Cruise Control¹³ ▪ Active Stabilizer Suspension System (requires run-flat tires¹⁴) ▪ Rear spoiler ▪ 245/40VR18 all-season run-flat tires¹⁴ ▪ XM[®] Satellite Radio capability¹⁵ ▪ All-weather floor mats ▪ Trunk mat ▪ Cargo net ▪ Car cover ▪ G-Spider 18-in alloy wheels³ ▪ Wheel locks



2007 LEXUS **GS Hybrid** Specifications

CHASSIS

Vehicle Dynamics Integrated Management (VDIM)¹¹

Advanced stability and traction management system designed to proactively but seamlessly integrate separate vehicle dynamic functions to enhance driver control and vehicle performance under a variety of adverse conditions. VDIM¹¹ manages the integration of Electronic Controlled Braking (ECB), Electronic Power Steering (EPS), Variable Gear-Ratio Steering (VGRS), Vehicle Stability Control (VSC),¹¹ Traction Control (TRAC), Anti-lock Braking System (ABS), Electronic Brakeforce Distribution (EBD) and Brake Assist.¹⁶

Suspension

Front: Independent, double-wishbone with coil springs, gas-pressurized shock absorbers and stabilizer bar.

Rear: Independent, multi-link with coil springs, gas-pressurized shock absorbers and stabilizer bar. Adaptive Variable Suspensions (AVS) with electronically modulated damping.

Steering

Electronic, vehicle-speed-sensing, progressive power-assisted rack-and-pinion. Variable Gear-Ratio Steering (VGRS), 2.7 - 3.2 turns lock to lock.

Brakes

Four-wheel power-assisted discs with Electronic Controlled Braking (ECB) and four-sensor, four-channel Anti-lock Braking System (ABS) and Brake Assist.¹⁶

Electronic Controlled Braking (ECB).

13.1-in front,¹⁷ 12.2-in rear ventilated discs.

Wheels and Tires

18 x 8.0-in alloy wheels with 245/40ZR18 tires.³

Optional tires: 245/40VR18 all-season run-flat tires.¹⁴

BODY, DIMENSIONS

Type

Five-passenger luxury sports sedan

Construction

Welded-steel unibody

Overall Length

190.0 in (4,825 mm)

Width

71.7 in (1,820 mm)

Height

56.1 in (1,425 mm)

Wheelbase

112.2 in (2,850 mm)

Curb Weight

4,134 lb (1,875 kg)

Fuel-tank Capacity

17.2 gal (65 L)

Trunk Capacity

7.5 cubic feet (212 L)

Headroom

37.8/37.0 in (960/940 mm)

Legroom

43.5/36.4 in (1,105/925 mm) (front/rear)

Shoulder Room

56.3/55.1 in (1,430/1,400 mm) (front/rear)

DRIVETRAIN

Transmission

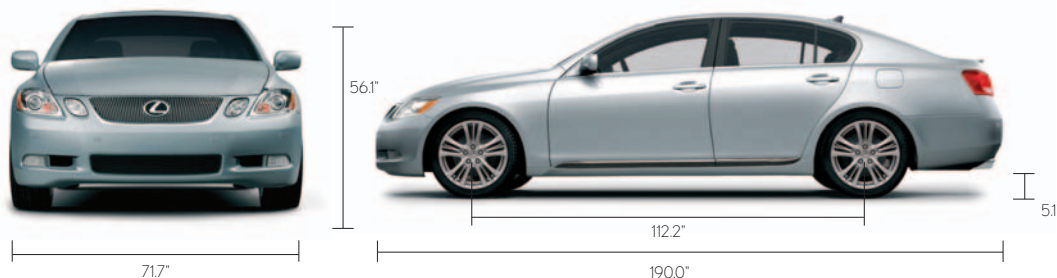
Electronically controlled Continuously Variable Transmission (ECVT) with two-speed reduction and snow mode.

Drive Wheels

Rear, with standard Vehicle Dynamics Integrated Management (VDIM).¹¹

Final Drive Ratio

3.769:1



^{3, 11, 14, 16, 17} See page 14 for more information.



2007 LEXUS **GS Hybrid** Specifications (Continued)

GS 430 ENGINE

Type	60° V6, aluminum block and heads, direct injection, certified Super Ultra-Low Emission Vehicle (SULEV)
Displacement	3.5 liters (210 cubic inches)
Valvetrain	Four cam, four valves per cylinder, with dual Variable Valve Timing with intelligence (VVT-i)
Compression Ratio	11.8:1
Electric-Drive Motor	High-output, permanent-magnet, electric-drive motor
Horsepower	340 total system horsepower ¹

PERFORMANCE

0 - 60 MPH Acceleration	5.2 seconds ^{2,3}
Top Track Speed	131 mph (electronically limited) ^{2,3}
Fuel Consumption (estimated)	25/28 mpg* (city/highway)
Aerodynamic Drag Coefficient	0.27
Turning Circle	36.4 ft

LUXURY

Golden bird's-eye maple, black bird's-eye maple or red walnut interior trim • Perforated leather-trimmed interior • Wood- and leather-trimmed steering wheel and shift knob • Steering-wheel-mounted audio and display controls • Power tilt-and-telescopic steering column with automatic tilt-away • Lexus 10-speaker Premium Sound System with Automatic Sound Levelizer (ASL) and in-dash, six-disc CD auto-changer • Bluetooth® technology⁶ • In-glass antenna with FM-diversity system • 10-way driver's and front passenger's (including lumbar) power seats • Heated and ventilated front seats • Height-adjustable headrests for all seats, including rear-center • Lexus Memory System to control power driver's and front passenger's seat (except lumbar), outside mirrors and steering wheel • Dual-zone automatic climate control with interior air filter, smog sensor and automatic recirculation mode • Power windows with one-touch auto open/close feature • Remote-linked window and available moonroof opening • Retained accessory power for windows and available moonroof • Electrochromic (auto-dimming) inside mirror with compass and outside mirrors • Power door locks • Cruise control • SmartAccess⁴ with Power button • Power trunk closer • Center console with sliding armrest and storage bin • Foldable front-door storage pockets • HomeLink® universal transceiver to operate compatible garage, gate, home lighting and home security systems • Illuminated entry system • Electronic Chromatic Device (ECD) instrumentation • Interior electronic trunk-lid and fuel-filler door releases • Lexus Personalized Settings (LPS)¹⁹ to personalize electronic functions • Automatic on/off projector-beam headlamps with 30-second delay • Lexus voice-activated DVD Navigation System^{†,5} • Mark Levinson® 14-speaker 330-watt at 0.1% THD⁹ Premium Surround Sound Audio System⁸ with 7.1 architecture and in-dash, single-feed, six-disc DVD/CD auto-changer[†] • Power rear sunshade • Power tilt-and-slide moonroof with one-touch open/close and sliding sunshade • Intuitive Parking Assist • Stainless steel doorsill scuff plates • Carpeted floor mats

SAFETY AND SECURITY

Driver's and front passenger's dual-stage airbag system (SRS)¹⁰ • Front seat-mounted side airbags (SRS)¹⁰ • Rear seat-mounted side airbags (SRS)¹⁰ • Front and rear side curtain airbags (SRS)¹⁰ • Driver's and front passenger's knee airbags (SRS)¹⁰ • Three-point seatbelts for all seating positions, pre-tensioners with force limiters for front and outboard rear seats • Automatic Locking Retractor/Emergency Locking Retractor (ALR/ELR) seatbelts for all passenger-seating positions. Emergency Locking Retractor (ELR) for driver's seat • Height-adjustable front shoulder belt anchors • Child Restraint Seat (CRS) tether anchor brackets for rear outboard seating positions • Backup camera⁷ • Four-wheel ventilated power-assisted disc brakes • Electronic Controlled Braking (ECB) • Four-sensor, four-channel Anti-lock Braking System (ABS) • Vehicle Dynamics Integrated Management (VDIM)¹¹ • Vehicle Stability Control (VSC)¹¹ • Traction Control (TRAC) • Brake Assist¹⁶ • Electronic Brakeforce Distribution (EBD) • Lexus four-sensor Tire Pressure Monitor System¹⁸ • Highly rigid body structure with front and rear crumple zones • Side-impact door beams • Reinforcements in pillars and doorsills • Impact-dissipating upper interior trim • Collapsible steering column • High-Intensity Discharge (HID) headlamps with dynamic auto leveling • Adaptive Front Lighting System (AFS) • Headlamp washers • Daytime running lights • Integrated foglamps • LED taillamps • Water-repellent front-door glass • Rain-sensing intermittent windshield wipers with mist cycle • Rear-window defogger with auto-off timer • Power-adjustable, auto-folding outside mirrors with defoggers, puddle lamps and auto tilt-down in reverse • Vehicle theft-deterrent and engine immobilizer system • Lexus Pre-Collision System (PCS)^{†,12} and Dynamic Radar Cruise Control^{†,13}

*EPA-estimated ratings: 25 city/28 highway mpg. Actual mileage may vary.

† Optional

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16, 18, 19 See page 14 for more information.

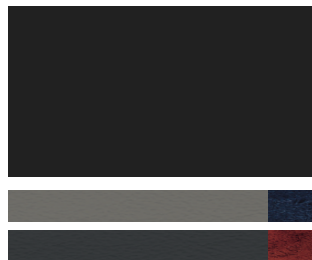


2007 LEXUS **GS Hybrid** Colors

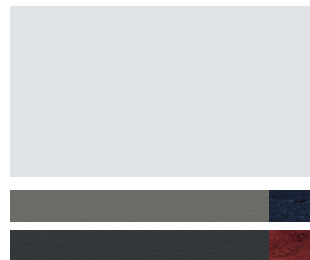
EXTERIOR COLORS



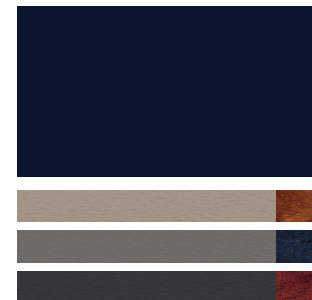
GLACIER FROST MICA
Ash or Black Leather



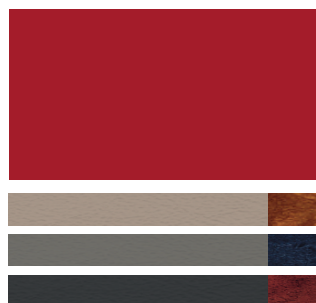
SMOKY GRANITE MICA
Ash or Black Leather



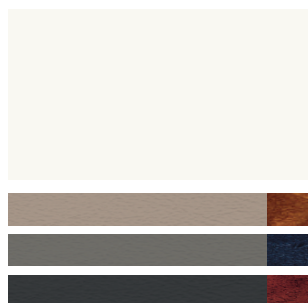
MERCURY METALLIC
Ash or Black Leather



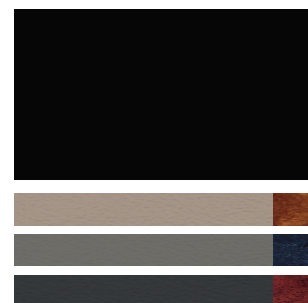
BLACK SAPPHIRE PEARL
Cashmere, Ash or Black Leather



MATADOR RED MICA
Cashmere, Ash or Black Leather

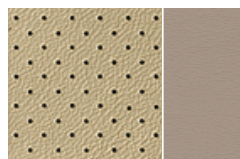


STARFIRE PEARL
Cashmere, Ash or Black Leather

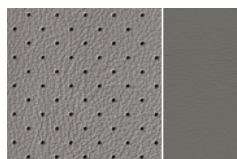


OBSIDIAN
Cashmere, Ash or Black Leather

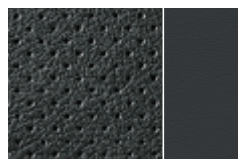
INTERIOR COLORS



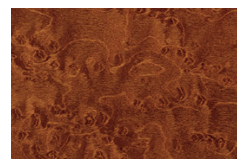
Cashmere Leather with
Perforated Inserts



Ash Leather
with Perforated Inserts



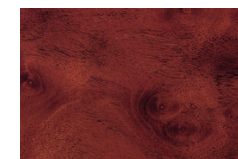
Black Leather
with Perforated Inserts



GOLDEN BIRD'S-EYE MAPLE
Cashmere Leather



BLACK BIRD'S-EYE MAPLE
Ash Leather



RED WALNUT
Black Leather

WOOD TRIM

See your Lexus dealer for exact vehicle colors.



2007 LEXUS **GS Hybrid** Warranty

WARRANTY

Four-year/50,000-mile Lexus Limited Warranty. Six-year/70,000-mile Powertrain Warranty. Six-year/unlimited-mileage Corrosion Perforation Warranty. All warranties with zero deductible. See the *GS Hybrid Warranty and Services Guide* at your Lexus dealer for details.

FOOTNOTES & DISCLAIMERS

1. Ratings achieved using the required premium unleaded gasoline with an octane rating of 91 or higher. If premium fuel is not used, performance will decrease. **2.** Performance figures are for comparison only and were obtained with prototype vehicles by professional drivers using special safety equipment and procedures. Do not attempt. **3.** 18-in tires are expected to experience greater tire wear than conventional tires. Tire life may be substantially less than 15,000 miles, depending on driving conditions. **4.** The SmartAccess system may interfere with some pacemakers or cardiac defibrillators. If you have one of these medical devices, please talk to your doctor to see if you should deactivate this system. **5.** The Navigation System is designed to assist in locating an address or point of interest. Discrepancies may be encountered between the system and your actual location. Road system changes may affect the accuracy of the information provided. Rely on your common sense to decide whether to follow a specified route. Detailed coverage not available in every city or roadway. Periodic updates available at an additional cost. See your *Navigation System Owner's Manual* for further details. **6.** The Bluetooth® technology phones listed on lexus.com have been tested for compatibility with Lexus vehicles. Performance will vary based on phone software version, coverage and your wireless carrier. Phones are warranted by their manufacturer, not Lexus. **7.** The backup camera does not provide a comprehensive view of the rear area of the vehicle. You should also look around outside your vehicle and use your mirrors to confirm rearward clearance. Cold weather will limit effectiveness and view may become cloudy. **8.** Mark Levinson is a registered trademark of Harman International Industries, Inc. **9.** Continuous average power, all channels driven, at 0.1% THD; 20-20,000 Hz. **10.** All the vehicle's airbag systems are Supplemental Restraint Systems (SRS). The driver and front passenger airbags and knee airbag(s) are designed to inflate in severe (usually frontal) collisions where the magnitude and duration of the forward deceleration of the vehicle exceed the design threshold level. The side airbags and side curtain airbags are designed to inflate in certain types of severe side-impact collisions. In all other accidents, the airbags will not inflate. To decrease the risk of injury from an inflating airbag, always wear seatbelts, sit upright in the middle of the seat as far back as possible from the airbag modules and do not lean against the door. Do not put objects in front of an airbag or around the seatback. Do not use a rearward-facing child seat in any front passenger seat. The force of an inflating airbag SRS may cause serious injury or death. Please see your *Owner's Manual* for further instructions. **11.** Vehicle Dynamics Integrated Management (VDIM) and Vehicle Stability Control (VSC) are electronic systems designed to help the driver maintain vehicle control under adverse conditions. They are not substitutes for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether VDIM or VSC will be effective in preventing a loss of control. Please see your *Owner's Manual* for further details. **12.** The Pre-Collision System is designed to help reduce the crash speed and damage in certain frontal collisions only. It is not a collision avoidance system and is not a substitute for safe and attentive driving. System effectiveness depends on many factors, such as speed, driver input and road conditions. Please see your *Owner's Manual* for further information. **13.** Dynamic Radar Cruise Control was designed to assist the driver and is not a substitute for safe and attentive driving practices. Please see your *Owner's Manual* for important cautions and instructions. **14.** Run-flat tire technology is designed for limited emergency use only. If air pressure is lost, vehicle speed must remain below 55 mph; cornering, braking and accelerating must be done with extreme caution; and the tire should be replaced within 100 miles. See your Lexus dealer for details. **15.** Satellite Radio requires XM® compatibility, receiver and monthly service fee. See your Lexus dealer for further details. Reception of the satellite signal may vary depending on location. All fees and programming subject to change. Subscriptions subject to the terms and conditions available at www.xmradio.com. Available only in the 48 contiguous United States. **16.** Brake Assist is designed to help the driver take full advantage of the benefits of ABS. It is not a substitute for safe driving practices. Braking effectiveness also depends on proper brake-system maintenance and tire and road conditions. **17.** High-friction brakes are standard equipment for the front brakes only and require periodic inspection and measurement as outlined in the *Warranty and Services Guide*. The pads and rotors are expected to experience greater wear than conventional brakes. Pad life may be less than 20,000 miles, and brake rotor life may be less than 50,000 miles depending on driving conditions. **18.** The Lexus Tire Pressure Monitor alerts the driver when tire pressure is critically low. For optimal tire wear and performance, tire pressure should be checked regularly with a gauge; do not rely solely on the monitor system. See your *Owner's Manual* for details. **19.** The Lexus Personalized Settings (LPS) Program is a one-time, complimentary offer for new 2005 model year vehicles and newer purchased or leased from 10/1/04 and beyond, up to 12 months from the date the vehicle is sold to the first retail purchaser or the date it is first used as a demonstrator, lease or company car, whichever occurs first. Please see your Lexus dealer for more information.

For more information, call 800-USA-LEXUS (872-5398). To learn more about your financing options, contact your Lexus dealer or call Lexus Financial Services at 800-874-7050.

All photographs appearing in this e-brochure are the copyrighted property of the photographers contracted by or on behalf of Lexus and may not be reproduced in any way whatsoever without prior written permission from both Lexus and the applicable photographer(s) or their authorized agent(s).

