Since our inception more than 20 years ago, our pursuit of perfection has led to craftsmanship, innovation and ownership experiences that have set the standard for the industry. Now, with the world-class line of LS vehicles, we’re as close to perfection as we’ve ever come.
it doesn’t just lead an industry, it inspires one.

From the day it launched the Lexus brand, the LS has been one step ahead of other luxury automobiles. Its attention to detail, innovative technology and unrivaled interior experience revolutionized the category. Available in four unique versions, each incomparable in its own way, the LS Line has raised the automotive bar once again. In fact, with multiple world’s first technologies, you might even say that surpassing tradition is becoming a tradition in itself.

THE 2011 LS LINE

LS 460 (RWD or AWD)
4.6-liter, V8, eight-speed sequential-shift automatic with dual Variable Valve Timing with intelligence (VVT-i) + Electronic intake valve timing (VVT-iE), 0 to 60 in 5.4/5.9 seconds (RWD/AWD)

LS 460 L (RWD or AWD)
4.6-liter, V8, eight-speed sequential-shift automatic with dual Variable Valve Timing with intelligence (VVT-i) + Electronic intake valve timing (VVT-iE), 0 to 60 in 5.4/5.9 seconds (RWD/AWD), long wheelbase

LS 460 Sport (RWD)
4.6-liter, V8, eight-speed sequential-shift automatic with dual Variable Valve Timing with intelligence (VVT-i) + Electronic intake valve timing (VVT-iE), Sport-tuned air suspension, 0 to 60 in 5.4/5.9 seconds (RWD/AWD), long wheelbase

LS 600h L (AWD)
5.0-liter, V8 + High-output electric-drive motor, eight-speed sequential-shift automatic with dual Variable Valve Timing with intelligence (VVT-i) + Electronic intake valve timing (VVT-iE), 438 total system horsepower, long wheelbase
There are some things you just don’t rush. Leather, for example. Hand-selected from only the highest-quality stocks, the available semi-aniline leather in the LS is among the finest in the category. And to make the leather on the steering wheel as soft as possible, we buff it by hand with a soft brush for hours at a time. Even the wood trim is subject to this level of detail. For consistency in shade and grain throughout the cabin, each piece is chosen by a craftsman who specializes in the subtleties of color. Of all the things we put into it, the most important is time.
When developing the current-generation LS, engineers conducted numerous driving simulations to determine the ideal transmission for its 4.6-liter, 380-horsepower V8 engine. One that would offer the optimal blend of acceleration, fuel efficiency and fast, smooth shifting. Their conclusion: It hadn’t been invented yet. Countless hours, two gears and one monumental step later, the world’s first eight-speed automatic transmission emerged. Delivering all of the above, it helps the LS go from 0 to 60 in as quick as 5.4 seconds. Isn’t progress fun?
With immense power, an exclusive sport-tuned air suspension and the same eight-speed paddle-shift transmission found in the IS F, the LS 460 Sport has a way of making you forget you’re sitting in the lap of luxury. Add in 19-inch forged alloy wheels, Brembo® performance brakes, downshift rev-matching and distinctive design elements like a perforated Black and Saddle Tan leather-trimmed interior, and it may change your definition of luxury altogether.
Few interiors warrant their own guide. The exception: the available Executive-Class Seating Package* on the LS 460 L and LS 600h L. To help you enjoy the extra legroom offered by the longer wheelbase, it replaces the rear bench with two individual seats. The right rear seat has power-reclining capability and includes amenities like a swiveling console table, built-in ottoman-style leg rest** and an indulgent shiatsu massager. And, for added comfort, a remarkable four-zone climate control system with infrared sensors can measure body surface temperature and adjust the settings accordingly. For a demonstration, visit lexus.com/LS/exec.

*See back cover for more information regarding options/packages.

Welcome to the backseat, care for a tour?
devour roads, in a dignified sort of way.

When it comes to handling asphalt, the standard rules of decorum don’t apply. Take the all-wheel drive system available on the LS Line—including the LS 600h L, the world’s first all-wheel drive V8 hybrid. It utilizes a torque-sensing Torsen® limited-slip center differential to automatically distribute power as needed between the axles, directing power to the wheel with the best, albeit sometimes tenacious, grip. This improves the vehicle’s traction and stability and delivers greater control during acceleration and cornering.
If there was any question as to the lengths the LS will go to cater to your needs, consider the available Advanced Parking Guidance System. With the ability to virtually park itself, it uses sonar and video to help you ease into parking spaces—hands-free. Among its other awe-inspiring innovations, available XM NavTraffic™ and XM NavWeather™ can provide helpful, real-time traffic and weather updates to the available Navigation System—including warnings about upcoming storms and road congestion. And the audio system can remotely access compatible portable audio players enabled with Bluetooth® audio profile capability, allowing you to control the device using onboard controls.

So accommodating, it even offers its own valet.

To parallel park, once the vehicle’s frame is aligned on the navigation screen, put the LS in reverse, remove your hands from the wheel and press a button to engage the system. The vehicle, assisted only by your braking, easily slips into place. For a demonstration, please visit lexus.com/LS/parking.

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its designations as the world’s first premium prestige luxury and full V8 hybrid are just two of the ways the LS 600h L has set the bar for the category. By pairing a 5.0-liter V8 gasoline engine with advanced hybrid technology, it’s remarkably efficient while delivering 438 total system horsepower—about what you’d get from a far less considerate 6.0-liter V12. At the same time, its acceleration is exceptionally smooth, quiet and, with a 0-to-60 time of 5.5 seconds, exhilarating. Combine this type of performance with our finest amenities, and you’ll realize we didn’t just set out to create the finest hybrid vehicle. We set out to create the finest vehicle, period.
it doesn't just represent what's to come, it reacts to it.

Some of the most forward-thinking technology on the LS is also forward-looking. Available Dynamic Radar Cruise Control is designed to automatically reduce your speed and even apply the brakes to help maintain a pre-set following distance from a vehicle traveling ahead. And, to help illuminate more of the road while cornering, the Adaptive Front Lighting System pivots the left headlamp up to 20 degrees and the right up to 10 degrees. Available intelligent high-beam headlamps, meanwhile, continuously monitor ambient light and the lights of vehicles ahead. If a vehicle is detected while in high-beam mode, the system automatically switches the LS headlamps to low-beam out of consideration for other drivers.

Available Driver Attention Monitor uses a camera and near-infrared illumination to continuously monitor the position of your face. If your face is turned away from the road when the LS’s radar detects an object ahead, you’re instantly alerted.

Available Lane Keep Assist with Lane Departure Warning uses a camera to monitor visible lane markings. When the system determines you are drifting, it can warn you, then take corrective measures to help steer you back into the lane.

The available Advanced Pre-Collision System also features the world’s first Active Pedestrian Detection System. Using stereo cameras and infrared technology, the system is designed to detect pedestrians and other three-dimensional objects in the vehicle’s path—even at night—and can alert the driver and apply the brakes to help reduce vehicle speed.
unwavering standards, constant testing and grueling inspections—and that’s just for the craftsmen.

Production of the LS begins long before the components arrive. Craftsmen undergo intense training to become experts in their own tasks and, for quality control, those that proceed and follow them. To prove their expertise, every motion must be accurately demonstrated and described to a Master Craftsman. Which, considering there are 26,000 tasks and it can take more than a minute to describe a three-second motion, is no small feat. But it’s an essential one. Only then are they entitled to take their place in the LS assembly process. If only for four months, that is, until they’re tested again.

ENGINE DEVELOPMENT
During development, X-ray and CT scan machines were used to locate and correct microscopic flaws in the engine. And, to help ensure optimal performance, every assembled engine is started and inspected via stethoscope before it’s installed.

ANTI-SCRATCH CLEAR COAT
Fingernails and jewelry can take their toll on automotive paint. To help maintain the beauty of the LS longer than conventional paint, Lexus modified the elasticity of its clear coat at the molecular level so that it restores itself after minor abrasions.

LED HEADLAMPS
The LS 600h L features the world’s first low-beam LED headlamps. In addition to providing improved efficiency and an extended life, they illuminate faster, brighter and offer greater light distribution than headlights equipped with conventional bulbs.

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**body and dimensions**

<table>
<thead>
<tr>
<th>Hip Room</th>
<th>Shoulder Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>front/rear</td>
<td>front/rear</td>
</tr>
<tr>
<td>55.4/55.5 in (1,407/1,410 mm)</td>
<td>55.6/55.6 in (1,407/1,410 mm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Headroom</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>front/rear</td>
<td>front/rear</td>
</tr>
<tr>
<td>38.0/37.9 in (969/964 mm)</td>
<td>58.1/58.3 in (1,476/1,480 mm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wheelbase</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>119.0 in (2,945 mm)</td>
<td>192.3 in (4,928 mm)</td>
</tr>
</tbody>
</table>

**engine**

<table>
<thead>
<tr>
<th>Type</th>
<th>Displacement</th>
<th>Valvetrain</th>
<th>Horsepower at RPM</th>
<th>Torque at RPM</th>
<th>Emission Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS 460, LS 460 L</td>
<td>4.6 liters</td>
<td>4.6-liter (281-cubic-inch) V8</td>
<td>Four cam, four valves per cylinder, with dual Variable Valve Timing with intelligence and Electronic intake value timing (VVT-i)</td>
<td>380 hp @ 4,000 RPM (455 hp (AWD))</td>
<td>Certified Ultra-Low Emission Vehicle (ULEV)</td>
</tr>
<tr>
<td>LS 600L</td>
<td>4.6-liter (281-cubic-inch) V8</td>
<td>Four cam, four valves per cylinder, with dual Variable Valve Timing with intelligence and Electronic intake value timing (VVT-i)</td>
<td>433 hp</td>
<td>467 lb-ft @ 4,000 RPM</td>
<td>438 hp</td>
</tr>
</tbody>
</table>

**drivetrain**

<table>
<thead>
<tr>
<th>Type</th>
<th>Wheel Drive</th>
<th>Final Drive Ratio</th>
<th>Transmission</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS 460, LS 460 L</td>
<td>Rear</td>
<td>2.923</td>
<td>Eight-speed sequential-automatic Electronically Controlled Transmission with intelligence (ECT-i)</td>
</tr>
<tr>
<td>LS 600L</td>
<td>Rear</td>
<td>3.138</td>
<td>Eight-speed sequential-automatic Electronically Controlled Transmission with intelligence (ECT-i)</td>
</tr>
</tbody>
</table>

**chassis**

<table>
<thead>
<tr>
<th>Type</th>
<th>Suspension</th>
<th>Steer</th>
<th>Brakes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS 460, LS 460 L</td>
<td>Front: Independent upper and lower multi-link double-joint suspension arms with stabilizer bar Rear: Independent multi-link suspension with stabilizer bar</td>
<td>Electronic Power Steering system (EPS) 2.3 turns lock-to-lock on LS 600L, 1.2 turns lock-to-lock on LS 460 Sport, and 1.5 turns lock-to-lock on LS 460</td>
<td>Four-wheel power-assisted disc brakes with Electronic Brakeforce Distribution (EBD) and Brake Assist 1.5</td>
</tr>
</tbody>
</table>

**performance**

<table>
<thead>
<tr>
<th>0-60 MPH Acceleration</th>
<th>1/4-Mile Acceleration</th>
<th>Top Track Speed (electronically limited)</th>
<th>EPA Fuel Economy Estimates</th>
<th>Aerodynamic Drag Coefficient</th>
<th>Turning Circle</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.9 seconds (V6)</td>
<td>14.0 seconds (V8)</td>
<td>130 mph</td>
<td>16.7/12.7 mpg (V6)</td>
<td>0.26</td>
<td>36.1 ft (11.04 L)</td>
</tr>
</tbody>
</table>

**wheels**

<table>
<thead>
<tr>
<th>Type</th>
<th>Styling</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-in 10-spoke alloy wheels</td>
<td>STANDARD LS 460 and LS 460 L</td>
<td>LS 460, LS 460 L AWD and LS 600L</td>
</tr>
<tr>
<td>19-in 10-spoke forged alloy wheels</td>
<td>STANDARD LS 460 SPORT</td>
<td></td>
</tr>
<tr>
<td>18-in 10-spoke forged alloy wheels</td>
<td>STANDARD LS 460 SPORT</td>
<td>AUTO-LIN</td>
</tr>
<tr>
<td>19-in alloy wheels with P245/45 R17 and P275/40 R18</td>
<td>STANDARD LS 460 SPORT</td>
<td>19-in 16.5-in aluminum-alloy wheels, with P255/40 R18, P265/40 R18, or P275/35 R19</td>
</tr>
</tbody>
</table>

**Not available on AWD model.** Please see inside back cover for more information.
standard luxury features

SAFETY

Three-point seatbelts for all seating positions, pre-tensioners with force limiters for front and rear outboard seats

Automatic Locking Retractor/Emergency Locking Retractor (M/U) seatbelts for rear outboard seating positions

Emergency Locking Retractor (E/L) seatbelt only for driver’s seat

Active front head restraints

Three-point seatbelts for all seating positions, pre-tensioners with force limiters for front and rear outboard seats

Automated Dynamic Brake Assist

Driver and passenger’s dual-stage supplemental front airbags (SRS)12

Standard safety and security features

ACTIVE SAFETY

Vehicle Dynamic Integration Management™17 with Vehicle Stability Control® (VSC™) and Traction Control (TRAC)18

Four-wheel ventilated power-assisted disc brakes with Electronic Braking Brakes (BCB), four-sensor, four-channel Anti-lock Braking System (ABS), Brake Assist19 and Electronic Brake-force Distribution (EBD)

Smart Stop Technology20

Direct Tire Pressure Monitoring System21

Four-wheel ventilated power-assisted disc brakes

Laminated side glass (S540, S640, S640L) and water-repellent front-door glass

Power-retracting, auto-adjusting, in-door mirrors with tum indicators, defoggers, puddle lamps and auto tilt-down in reverse

Rain-sensing intermittent windshield wipers with rain mode and delay (S540, S640, S640L)

Rear window defogger with auto-off timer

High-Intensity Discharge headlamps with dynamic auto leveling (S540, S640, S640L)

Intelligent Bi-level Headlamps System22

LED headlamps with dynamic auto leveling (S540, S640, S640L)

Dual-zone Adaptive Front Lighting System®23 with headlamp washers (S540, S640, S640L)

Daytime running lights

LED taillamps

PASSIVE SAFETY

Driver’s and front passenger’s advanced airbag system (SRS)24 with front passenger’s twin-chamber airbag25

Front seat mounted side airbag (SRS)26

Driver’s and front passenger’s knee airbag27

Passenger’s airbag28 with smart-sensing system29

Front airbag system30

Active head restraints31

Side-impact shield32

Driver and front passenger’s multi-stage airbag (SRS)33

Side-impact protection34

Side-impact airbag system35

Active head restraints36

Side-impact protection37

Side-impact shield38

Passenger’s airbag39 with smart-sensing system40
