the 2011 LS line

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)\(^1\),\(^2\)

**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)\(^1\),\(^2\)

**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, 19-in forged alloy wheels, 3 Brembo® brakes\(^4\)

**LS 600h (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

*LS shown with available equipment.*
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 bristle 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 inside back cover for more information regarding options/packages.

**LS 460 L shown with available Executive-Class Seating Package.
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.
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, eases expertly into place. For a demonstration, please visit lexus.com/LS/parking.

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.

Available Advanced Parking Guidance System

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, eases expertly into place. For a demonstration, please visit lexus.com/LS/parking.

Available Mark Levinson® Reference Surround Sound Audio System

Custom-designed for the LS by a company world-renowned for their six-figure home theaters, this available audio system offers an unparalleled listening experience. In fact, utilizing 19 speakers and 7.1-channel architecture, it can provide such clarity when playing audio DVDs that listeners can pinpoint the spatial position of each instrument at play.
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—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\(^7\) 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\(^8\) pivots the left headlamp up to 20 degrees and the right up to 10 degrees. Available intelligent high-beam headlamps\(^9\), 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\(^11\) 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\(^20\) with Lane Departure Warning\(^20\) 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\(^23\) also features the world’s first Active Pedestrian Detection System\(^22\) 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 is 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 recovers itself after minor abrasions.

LED HEADLAMPS
The LS 460 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 headlamps equipped with conventional bulbs.
option packages* **LS 460**

**SPORT PACKAGE (V60 only)**
- Barely 19-inch split 10-spoke forged alloy wheels with summer tires
- Sport-tuned air suspension with VGRS®
- Sport exterior trim and grille

**COMFORT PACKAGE**
- Wood- and leather-trimmed heated steering wheel (V60 only or RWD)
- Climate-control front seats with heated/cool, heated rear seats
- Intuitive Parking Assist®
- Power rear sunshade
- Headlamp washers
- Power door closers and one-touch power trunk open/close

**COMFORT PLUS PACKAGE**
- Includes all Comfort Package features plus:
  - Semi-aniline leather-trimmed interior
  - Climate-control rear power rear seats with power-adjustable butterfly rear headrests, memory and power lumbar massage and adjustment for outboard seats
  - Rear seat side airbags (V60)**†

**NAVIGATION SYSTEM MARK LEVINSON REFERENCE SURROUND SOUND AUDIO SYSTEM PACKAGE**
- HDD Navigation System including voice command, color LCD display and Enhanced Bluetooth®
- Mark Levinson® 19-speaker 450-watt @ less than 0.1% THD, 20–20,000 Hz

**EXECUTIVE-CLASS SEATING PACKAGE (special order only)**
- Includes all Rear Seat Upgrade Package features plus:
  - Four-person seating with rear fixed console
  - Rear-seat infrared temperature sensor for four-zone climate control
  - Right-rear power recliner with multi-function massage, adjustment and leg rest**†
  - Rear-seat wood-trimmed table
  - Rear Seat Entertainment System (V60 only) with power nine-inch screen and wireless headphones**†

**option packages* **LS 460 & LS 460 L**

**APPEARANCE PACKAGE**
- 19-inch five-spoke alloy wheels (V60)**†

**COLD WEATHER PACKAGE**
- Windshield wiper washer • Enhanced interior heater • Higher-capacity battery

**options and accessories**
- Adaptive Variable Air Suspension (VGRS®)
- Variable Gear Ratio Steering (VGRS®)
- Mark Levinson® 19-speaker 450-watt IP equalizer capacity 45,000 to 50,000 Hz (V60)®
- Reference Surround Sound Audio System® with in-dash, single-feed, six-disc DVD/CD auto-changer (LS 460 & LS 460 L)
- Advanced Pre-Collision System® with Pedestrian Detection System®
- Lane Keep Assist® and Driver Attention Monitor® (LS 460 & LS 460 L)
- HDD Navigation System including voice command, color LCD display with XM NavTraffic® and XM NavWeather® and XM Sports and Stocks® and Lexus Enform® (LS 460 & LS 460 L)
- Paint protection film (LS 460 & LS 460 L)
- Pre-Collision System® (PCS)® and Dynamic Radar Cruise Control®
- All-season tires
- Sports and Stocks®
- Premium Package II feature plus:
  - Four-person seating with rear fixed console
- Four-zone automatic climate control with interior air filter, smog sensor, automatic recirculation mode, rear-seat Air Purifier and coolzone
- Climate-control rear power rear seats with power-adjustable butterfly rear headrests, memory and rear-seat lumbar massage and adjustment for outboard seats
- Rear Seat Entertainment System (V60 only) with power nine-inch screen, rear seat audio controls and wireless headphones**†

**EXECUTIVE-CLASS SEATING PACKAGE**
- Includes all Premium Package II features plus:
  - Rear-seat infrared temperature sensor for four-zone climate control
  - Climate-control rear power rear seats with power-adjustable butterfly rear headrests, memory and left-rear power lumbar massage and adjustment
  - Rear seat side airbags (V60)**†
  - Rear-seat wood-trimmed table
  - 19 x 15-inch spoke alloy wheels with 235/50R18 all-season tires**‡

**Option packages**
- *For detailed options and accessories, please visit lexus.com LS/SportsPackage or lexus.com LS/Accessories.
general

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Five-passenger luxury sedan (LS 460, LS 460 L)</th>
<th>Five-passenger hybrid prestige luxury sedan (LS 600h L)</th>
</tr>
</thead>
</table>

CONSTRUCTION

Welded-steel body

CURB WEIGHT

4,239 lb (1,925 kg) (LS 460 AWD)
4,322 lb (1,960 kg) (LS 460 L AWD)
4,896 lb (2,220 kg) (LS 460h L AWD)
5,203 lb (2,359 kg) (LS 600h L AWD)

wheels

18-in 10-spoke wheels¹
STANDARD: LS 460 and LS 460 L
AVAILABLE: LS 600h L

19-in 10-spoke forged alloy wheels²
STANDARD: LS 460 SPORT

19-in 10-spoke alloy wheels³
STANDARD: LS 460 L
AVAILABLE: LS 460 L (AWD)

18-in Tantalum alloy wheels⁴
AVAILABLE: LS 460 TRD, LS 460 L (AWD) ONLY

body and dimensions

<table>
<thead>
<tr>
<th>HIP ROOM</th>
<th>55.4 x 59.5 in (1,413 x 1,511 mm)</th>
</tr>
</thead>
</table>
| SHOULDER ROOM | 58.5 x 59.5 in (1,484 x 1,511 mm) (LS 460)
58.5 x 59.3 in (1,484 x 1,501 mm) (LS 460 L, LS 600h L) |

HEADROOM

front/rear
38.0 x 39.0 in (965 x 994 mm)

HEIGHT

58.1 x 47.4 in (1,475 x 120 mm)
58.3 x 48.0 in (1,469 x 122 mm)

WIDTH

73.8 in (1,875 mm)

engine

<table>
<thead>
<tr>
<th>TYPE</th>
<th>90° V8, aluminum-block and heads, direct and port fuel injection</th>
</tr>
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</table>

DISPLACEMENT

4.6 liters (287 cubic inches)

VALVETRAIN

Four cam, four valves per cylinder, with dual Variable Valve Timing with intelligence and Electronic intake valve timing (VVT-i) and Electronic exhaust valve timing (VVT-iE)

HORSEPOWER AT RPM

380 hp @ 6,400 (AWD)²
380 hp @ 6,400 (LS 600h L (AWD))¹

TORQUE AT RPM

367 lb-ft @ 4,400 (AWD)²
367 lb-ft @ 4,400 (LS 600h L (AWD))¹

EMISSION RATING

Certified Ultra-Low Emission Vehicle (ULEV)

driveetrain

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DRIVE WHEELS

Rear, with standard Vehicle Dynamics Integrated Management (VDIM)¹

FULL-TIME ALL-WHEEL DRIVING (AWD) with TRD® limited-slip center differential and standard Vehicle Dynamics Integrated Management (VDIM)²

TRANSMISSION

Eight-speed sequential-shift automatic Electronically Controlled Transmission with intelligence (ECT-i)

FINAL DRIVE RATIO

2.891 (LS 460)
3.181 (LS 460 L)

chassis

<table>
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SUSPENSION

Front: Independent upper and lower multi-link double-joint suspension arms with stabilizer bar

Height-adjustable Adaptive Variable Air Suspension (AVS) with electronically modulated dampers (LS 460, LS 460 L)

Available: LS 460, LS 460 L (AWD)

STEERING

Electronic Power Steering (EPS)

2.3:1 (city)/2.6:1 (highway) (LS 460, LS 460 L)

Variable Gear-Ratio Steering (VGRS)

2.3:1 (city)/2.9:1 (highway) (LS 460, LS 460 L)

BRAKES

Four-wheel power-assisted disc brakes with Electronic Controlled Braking (ECB), four-sensor, four-channel Anti-lock Braking System (ABS), Electronic Brakeforce Distribution (EBD) and Brake Assist (BA)

13.5-in ventilated front, 13.5-in ventilated rear discs (LS 460, LS 460 L)

14.0-in ventilated front, 13.5-in ventilated rear discs (AWD models, LS 460 L (AWD))

14-in B-rim with six-piston opposed aluminum calipers, high-friction brake pads

13-in B-rims with two-piston opposed aluminum calipers, high-friction brake pads (LS 460 Sport)

Regenerative braking function (LS 460 L)

WHEELS AND TIRES

18 x 7.5-in to 10-spoke alloy wheels with 235/50R18 all-season tires: Full-size spare tire on alloy wheel (LS 460, LS 460 L)

19 x 8.0-in to 10-spoke alloy wheels with 245/45R18 all-season tires: Full-size spare tire on alloy wheel (LS 460h L AWD)

19 x 8.0-in to 10-spoke alloy wheels with 245/45R18 all-season tires with 1,200 miles: Full-size spare tire on alloy wheel (LS 600h L AWD)
standard luxury features

SAFETY
Vehicle Dynamics Integrated Management (VDIM)™ with Vehicle Stability Control (VSC)™ and Traction Control (TRAC)™

Four-wheel ventilated power-assisted disc brakes with Electronic Braking Force Distribution (EBD). Four-wheel ventilated power-assisted disc brakes with Electronic Brake-force Distribution (EBD)
LED taillamps
Daytime running lights.

PASSIVE SAFETY
Driver’s and front passenger’s advanced airbag system (SRS)™ with front passenger’s twin-chamber airbag (SRS)™
Front seat-mounted side airbags (SRS)™
Driver’s and front passenger’s knee airbags (SRS)™
Steering-wheel-integrated curtain airbags (SRS)™
Advanced or front head restraints (SRS)™

SEATABILITY AND TRIM
Medium brown wood, dark gray bird’s-eye maple or matte dark brown ash burl wood
Leather-trimmed interior (LS 460 L), xenon-activated leather-trimmed interior with integrated backlit instrument panel (LS 540i L)
Wood- and leather-trimmed steering wheel (wood-rimmed LS 460 L, Sport)
Heated steering wheel (wood LS 460 L, 460i L, 540i L, 540i LD)
Wood-trimmed shift knob (with leather LS 460 L, 460i L or chrome LS 540i L)
Wood-trimmed interior accents (wood-rimmed LS 540i L, 540i LD)
16-way (driver’s) dual-zone independent air vents with auto side- and rear-window passenger’s (wood-rimmed) leather panels
Climate-trimmed front and rear seats (LS 460 L, 460i L, 460i LD)
Heated rear seat and heated interior steering wheel (LS 540i LD)
Heated seatback and headrests (LS 460 L, 460i L, 460i LD)

COMMUNICATION, AUDIO AND NAVIGATION

HD Radio System™ with voice command, LCD display with integrated backlit camera and Enhanced Bluetooth technology (LS 460 L, 460i L)
LEXUS Enform17 with Safety Connect28 Features Destination Assist, iDestination, Lexus Vehicle Health Information System, Emergency Assistance Button (EAB) and Enhanced Roadside Assistance (ERSA) services. Subscription required. One-year trial subscription included.
LEXUS Enform17 with Lexus App 19 with Advanced Voice Control, Smart Access Key and application connectivity.
Mark Levinson® 29-33 with navigation system.

INSTRUMENTATION AND CONTROLS

Steering-wheel-integrated audio, brake hold and display controls
Electronic TTF (instrumentation) system

Lexus Enform28 with Lexus App with Advanced Voice Control, Smart Access Key and application connectivity.