

LS

LS500h / LS500 / LS350





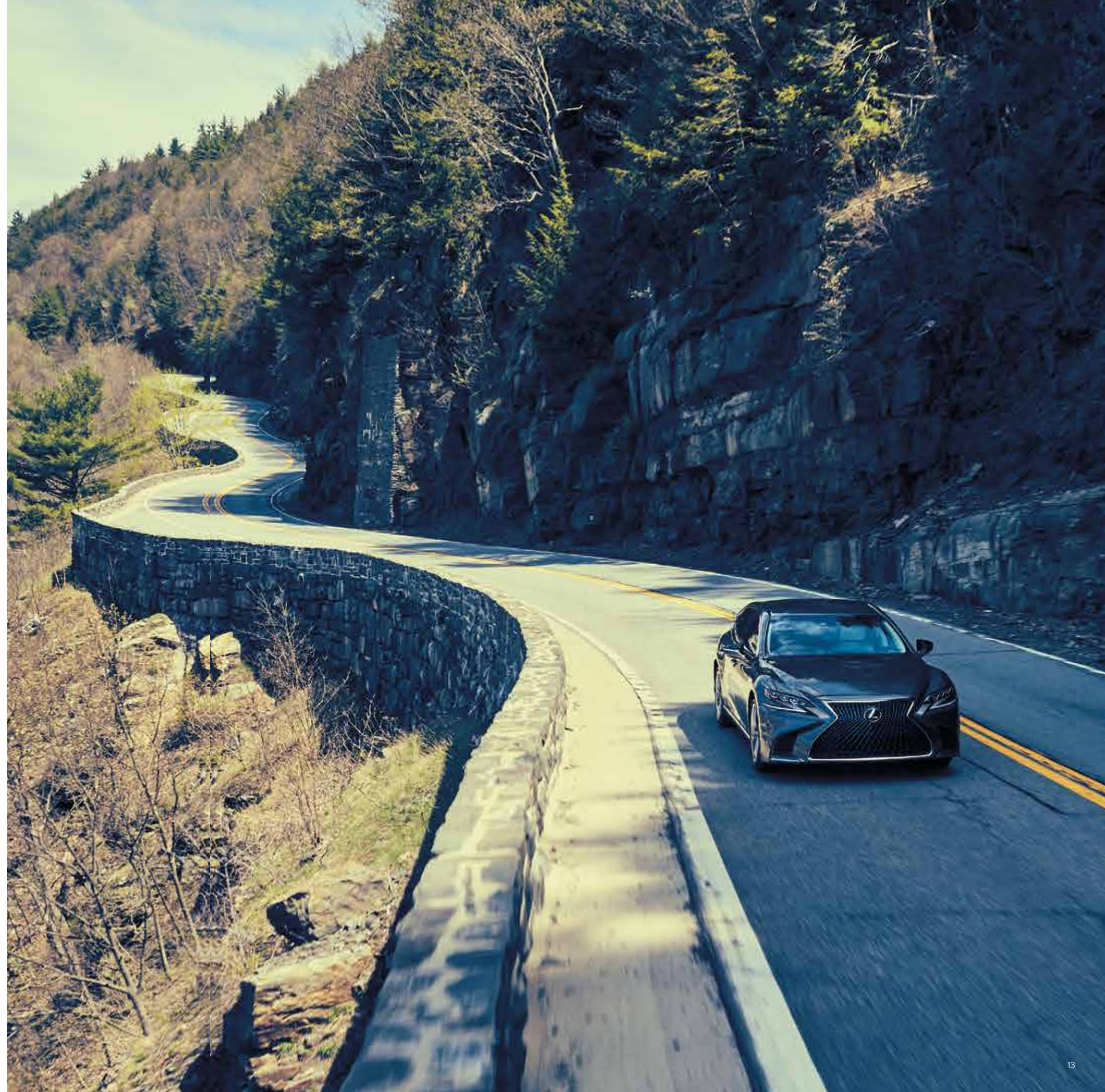
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LEXUS
INTELLIGENCE
SEVEN



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CONCEPT



The next-generation LS realizes the "Ultimate Experience of Visionary Anticipation", a uniquely creative and emotional experience made possible by Lexus vision designed to capture the hearts of the next wave of world leaders.



» INTELLIGENCE





For Lexus, creating a flagship sedan is about much more than making a luxury vehicle. It goes without saying that it must symbolize Lexus, but it must also define the luxury car of the future, crystallize Japanese culture, and serve as an exemplary car to the world that exceeds customers' imagination. To realize this, in developing the LS we focused on the fusion of its personality and emotional appeal as a flagship

sedan, with performance that delivers the pinnacle of elegance, comfort and environmental friendliness, and perceived qualities defined by unique Japanese Takumi craftsmanship and advanced production technologies. We invite you to experience the LS and the future of Lexus with all your five senses.



DESIGN



The flowing silhouette with its low center of gravity shapes a spacious and inviting interior. Its innovative beauty that fuses unique Japanese Takumi skills with state-of-the-art technologies and refined sensibilities will transform urban landscapes worldwide.



» INTELLIGENCE





EXTERIOR

Expressing the design concept “Sensual Aggressive”, the exterior fuses sensual beauty with the low center of gravity of a refined platform to generate anticipation of dynamic driving performance, endowing a unique presence that delivers the style and personality befitting a flagship sedan.



INTERIOR

Designed around the concept “Progressive Comfort”, the interior combines a cockpit for focused concentration on driving with exquisite relaxation befitting an exceptional luxury sedan. The highly refined features and finish that evoke the aesthetic beauty of Japanese crafts, imbue a unique interior that appeals to sophisticated sensibilities.





PERFORMANCE



Smooth, rhythmic acceleration in keeping with the driver's feelings. Instant understanding of the driver's intended line, as optimal control makes for pleasant cornering. Thoroughly refined driving characteristics and a precisely honed body realize exhilarating driving like you've never experienced before.

3

» INTELLIGENCE



3.5-liter V6 twin turbocharged engine (V35A-FTS)

Developed exclusively for Lexus, the core engine platform was redesigned and high-speed combustion technology and a high-efficiency turbocharger utilized to deliver exceptional power output together with outstanding fuel efficiency. The engine generates maximum torque starting at low rpms, providing powerful acceleration whenever the accelerator is depressed. Paired with the Direct Shift-10AT, the rhythmic shifting and direct response boost driving pleasure.

3.5-liter V6 engine (8GR-FKS)

Delivering a sophisticated blend of power and environment-friendly performance, Dual VVT-i (Intake side: VVT-iW) contributes to high torque across the rpm range, with lightweight roller rocker arms and a low-friction timing chain enhancing high-revving performance. The Stop & Start System complements the D-4S fuel injection system to further enhance fuel efficiency.*



3.5-liter V6 engine (8GR-FXS)

The hybrid system's V6 engine integrates advanced technologies that include Dual VVT-i (Intake side: VVT-iW) and D-4S fuel injection system. Lightweight components further contribute to both powerful driving and outstanding environmental performance. A focus on reducing friction losses in the engine helps boost peak output revolutions from 6000 to 6600rpm.*



Multi Stage Hybrid System

The Multi Stage Hybrid System's 10-speed shift control provides a direct acceleration feel that follows the increase in engine rpms, together with excellent shifting rhythm. The Multi Stage Shift Device varies the combined output of the engine and motor,

amplifying engine torque and increasing drive force by 24%. It utilizes engine speed in a wide range from low to high speeds, harnessing maximum engine output from 50km/h, as well as enabling high-speed driving at lower engine rpms for a quiet ride.

* VVT-i: Variable Valve Timing-intelligent. VVT-iW: Variable Valve Timing-intelligent Wide. D-4S: Direct injection 4 stroke gasoline engine Superior version.



Multi material body

To achieve high body rigidity, light weight and excellent safety performance, required optimizing the layout and use of hot-stamp, high-tensile steel for major body components such as the rockers, pillars and roof. To lower the center of gravity and moment of inertia, aluminum was used for the body framework located further from the vehicle's center of gravity, hood, trunk lid, fenders, doors and suspension towers, endowing the body with excellent turning characteristics.



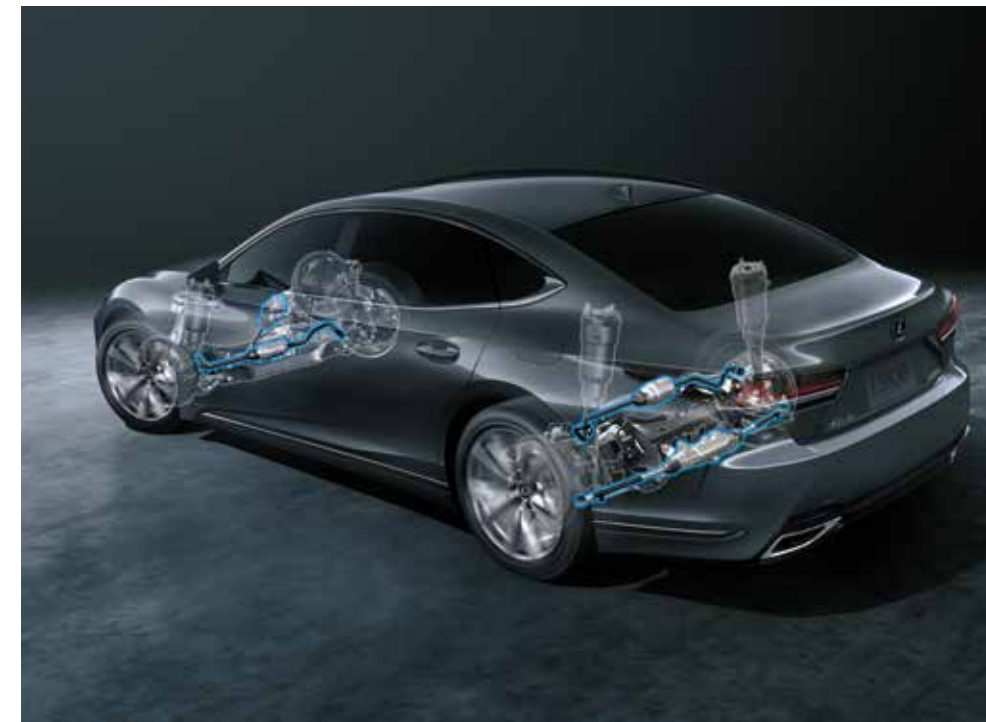
FR (Front engine, Rear wheel drive) platform

The LS takes advantage of the FR platform that Lexus refined for the LC to optimize front-to-rear weight distribution and the moment of inertia. The result is natural, smooth vehicle dynamics when cornering, accelerating and decelerating. The adoption of a low driving position and a layout that keeps the driver's hip point and the vehicle's center of gravity close together minimizes the distance between the driver and the axis of rotation, heightening the driver's feeling of oneness with the car. In this way, the packaging meticulously refines the inertia characteristics to deliver excellent response along with smooth, stable changes in posture during the sequence of movements involved in cornering.



Suspension

The front suspension utilizes low-friction oil in the shock absorbers to provide supple ride comfort. The development of a ball joint stud type cantilevered bushing for the rear suspension contributes to a sophisticated blend of handling stability and ride comfort.



VDIM (With integrated active steering control) + LDH

VDIM integrates control of engine, braking, steering and other functionality, including the EPS and LDH which controls the steering angle of the front and rear wheels, as a single system, to provide a high level of active safety together with driving pleasure. LDH optimizes the steering angle of all four wheels based on factors such as vehicle speed and steering inputs, to realize ideal vehicle dynamics for the driver's operation. The result is excellent vehicle stability during high-speed driving and nimble steering response in mid-speed driving on surfaces such as mountain roads.*



Drive mode select

Drive mode select provides integrated control of multiple systems to let you tune performance to suit your driving style. You can select and change between five modes: Normal, Eco, Comfort, Sport S and Sport S+ Modes. In addition, Custom Mode enables drivers to set their preferred settings for the powertrain, chassis and air conditioning.

* VDIM: Vehicle Dynamics Integrated Management. LDH: Lexus Dynamic Handling system. EPS: Electric Power Steering.



FEATURES



The LS offers advanced utility and fulfilling comfort befitting Lexus's flagship sedan, to provide a superb mobility experience for driver and passengers alike.

» INTELLIGENCE

Together with its bold silhouette, the LED lamps symbolize the LS's flagship status. The narrow, slit-like 3-eye LED headlamps give the front face a powerful expression, which is heightened by the lasting impressions of the L-shaped LED rear combination lamps. The LS is designed so that through the actions of loading up your luggage, getting in and relaxing, you'll experience a heart-warming feeling of

convenience as you are enveloped in comfort. In the cabin, comfort-oriented functions provide exquisite relaxation, from the seats and air conditioning to the music and other entertainment features. Lexus hospitality has been carefully conceived down to the fine details to transform time spent in the LS into an exceptional experience.



Headlamps

The ultra-small 3-eye Bi-Beam LED headlamps combine advanced design with excellent light distribution. 16 LEDs in the sequential turn signal lamps illuminate sequentially in a flow from the inner side to the outside of the vehicle.



Hands-free power trunk lid

Even if both hands are full, when carrying the Electronic Key you can open and close the trunk lid automatically by moving your foot under the rear bumper.



Moonroof

An outer sliding mechanism slides the glass above the roof to create a spacious open feeling in the rear seats.

Rear combination lamps

All the rear combination lamps are LEDs, including the lamps on the trunk lid. The sequential turn signal lamps illuminate in a sharp, well-defined flow.



Trunk space

In hybrid models the battery is located behind the rear seats, creating 430 liters of luggage space (Gasoline models: 480 liters).*

Door mirrors

Sculpting the inside of the mirror visor gives it a sharp shape, and creates more space between the mirror and front pillar, enhancing aerodynamic performance and reducing wind noise.



* Luggage space calculated using the VDA method. Luggage space varies for vehicles equipped with a rear air conditioner.



22-way power rear seats and power ottoman

The power rear seats use motors and a newly-developed pneumatic system that inflates and deflates air bladders to make fine-grained adjustments to every aspect of the seats. The rear seat behind the front passenger's seat has a maximum 1020mm of foot room and a power ottoman that provides generous support to the lower legs so the occupant can relax in refined comfort. In addition, three position presets allow the occupant to choose their preferred posture. "Business" is the normal position. "Entertain" reclines the seatback to a relaxing angle and positions the front passenger's seat for optimal viewing of the rear seat display. "Relax" moves the front passenger's seat to the forward-most position and deeply reclines the rear seatback to optimize the rear seat space.



Rear multi-operation panel

The multi-operation panel in the rear center armrest puts intuitive control of the audio, air-conditioning, seat and relaxation functions, sunshades and lighting at your fingertips.

Rear seat entertainment system

The rear seat entertainment system includes 11.6-inch displays that automatically adjust with the seat position to maintain an excellent angle for easy viewing, a Blu-ray Disc player, SD card slot, and a HDMI jack that enables the connection of a computer or other devices. Rear seat passengers can also enjoy videos, music and other media stored on mobile devices using Miracast or DLNA (Digital Living Network Alliance).

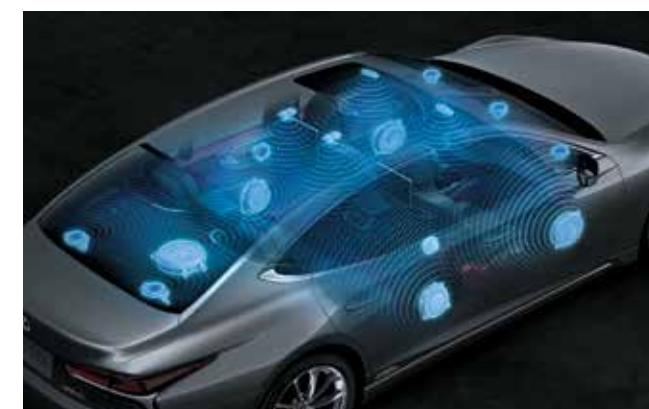


Relaxation seats with warming function (Outboard rear seats)

Air bladders integrated into the seat cushion and seatback are inflated to apply pressure to the occupant's back and thighs. The system also utilizes dedicated heaters to promote relaxation through repeated warming and cooling. A total of seven programs for both the entire body (Full Body Refresh, Full Body Stretch and Full Body Simple) and specific parts of the body (Upper Body, Lower Body, Shoulder and Lumbar) can be selected.

Mark Levinson QLI Reference Surround Sound System

This newly-developed 16-channel 3D surround sound system drives 23 speakers. The 7 Unity speakers, ceiling speakers and QLI (Quantum Logic Immersion) surround technology fill the cabin with uniform sound quality, enveloping the listener in natural realistic sound with the precise positioning of a live sound stage, excellent separation and dynamic reproduction of sound sources.



Lexus LS Premium Sound System

12 speakers reproduce rich, powerful bass together with realistic vocals. Advanced processing technology corrects for excessive bass and produces clear sound even at low volume.



Power sunshades (Rear doors, rear quarter windows and rear window)

The rear window sunshade covers the entire window on both sides with no gaps. Operation of the rear



quarter window sunshades is linked with the rear door window sunshades to provide comfort and privacy in the rear seats.



Cool box

Air chilled by the rear cooler in the trunk space circulates through the cool box to keep items cool. Cool air vents allow the airflow to be switched on and off as required.



28-way power front seats

The newly-developed pneumatic system provides fine-grained support for every part of the body. Shoulder supports for the shoulder blades help steering operation. The upper body is also supported during cornering, enhancing the feeling of unity with the car. Hip support provides special support for the back of the hips, to help maintain posture during braking and cornering. Cushion side supports provide a high degree of grip, contributing to stable body hold during cornering.



Front refresh seats

Air bladders integrated into the seatback and seat cushion are inflated to apply pressure from the occupant's back to the thighs, contributing to a feeling of relaxation. Programs can be selected for the entire body as well as particular areas (Upper Body, Lower Body and Lumbar).

Remote Touch Interface

The Remote Touch Interface is designed for smartphone style operation. The cursor can be adjusted to stop following flick operation to suit the user's preferences. Pinch-in and pinch-out operation enables continuous in and out zooming.



Lexus Climate Concierge

Lexus Climate Concierge coordinates with the 4-zone independent temperature control to automatically control the auto air conditioner with the seat heaters, seat ventilation and steering wheel heater to provide optimal comfort for each occupant. The body surface temperature of occupants is detected by IR (Infra-red Rays) matrix sensors to quickly provide the optimal level of comfort for all occupants. It also detects sunlight in the early morning and at sunset and controls the vehicle's climate control system to maintain comfort.



Easy Access Buckles (Front seats)

To make the front seatbelts easy to use, the seatbelt buckle lifts up when the door is opened and then moves back down once the seatbelt is fastened.



Power easy access system

In addition to auto slide-away and return functions, the front seats feature auto lift-up function (Driver's seat only) and cushion side-away functions. For easy access, auto lift-up raises the seat lifter when the driver gets out and then returns it to the original seat position when the driver gets in. Cushion side-away opens the outboard side cushion supports to reduce the pressure on the thighs while getting in and out.*²



Electronically controlled air suspension (With access mode)

In addition to the vehicle height adjustment function which can be switched between Normal and High settings, access mode automatically raises the vehicle to make ingress and egress easy.*¹

*¹ To use access mode or to operate the air suspension while stopped requires changing the function settings.
*² To use auto-lift-up requires changing the easy access system settings.

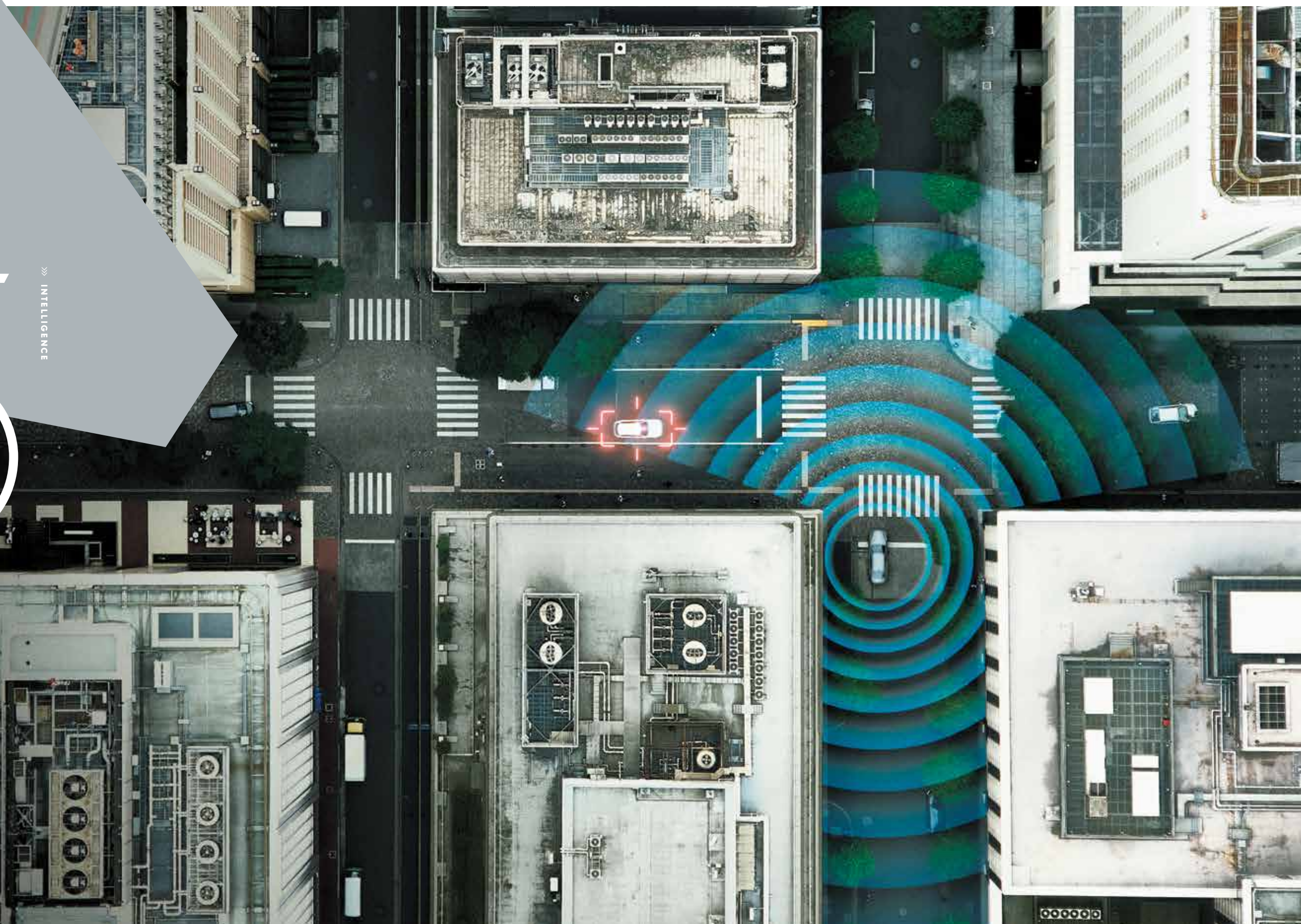
SAFETY



The aggressive performance of the LS as a driver's sedan is underpinned by active and passive safety measures that utilize advanced technologies to deepen your peace of mind.

5

» INTELLIGENCE





LEXUS SAFETY SYSTEM +

Pre-Collision System

When the millimeter-wave radar and monocular camera sensors detect a collision with a vehicle or pedestrian* ahead is likely, it alerts the driver and activates pre-collision brake assist when the driver depresses the brake pedal. If the driver cannot depress the brake pedal, it activates the pre-collision brakes.



LKA (Lane Keeping Assist)

LKA alerts the driver with a sensory alert using steering wheel vibration or a buzzer, and on the multi-information display if the system judges the vehicle is about to cross the lane markings without using the turn signals, and assists steering to help avoid lane departure.



AHS (Adaptive High-beam System)

When the system detects a vehicle within the area illuminated by the high beams, it disables/enables 8 upper and 16 lower LEDs on each side to partially block light from the high-beam headlamps so that they don't directly project onto a preceding or oncoming vehicle. In this way, it helps to provide the driver with good visibility by illuminating road signs and other objects in front of the vehicle, without dazzling other vehicles.

Dynamic Radar Cruise Control

In addition to maintaining a constant speed, Dynamic Radar Cruise Control uses the radar and camera sensors to detect a vehicle driving ahead and maintain an appropriate distance between vehicles.



Blind Spot Monitor System

When the quasi-millimeter-wave radars in the rear bumper detect vehicles in adjacent lanes that aren't visible in the door mirrors, the system activates an LED warning indicator in the relevant door mirror the moment a vehicle enters this blind spot.



RCTA (Rear Cross Traffic Alert)

To assist safe reversing, RCTA uses quasi-millimeter-wave radars in the rear bumper to detect approaching vehicles in difficult-to-see areas behind the vehicle. When an approaching vehicle is detected, RCTA alerts the driver using a buzzer and an LED indicator in the relevant door mirror.

PUH (Pop Up Hood)

The innovative PUH helps to provide pedestrian protection in the event of a frontal collision, and at the same time enables a sporty design with a low hood line. When sensors mounted in the front bumper determine that the vehicle has collided with a pedestrian, the hood instantly pops up on four fulcrum points to create a space to help absorb the impact force.



LED cornering lamps/multi weather lights

The LED cornering lamps contribute to confident driving when turning left or right at night and in the rain by distributing more light in the direction of forward travel and to the sides. The multi weather lights help reduce glare caused by light from the headlamps projected forward when driving in fog at night, while providing sufficient light in front of the vehicle to give a good field of view.

* Pedestrian detection is not available in some markets. Please inquire at your nearest Al-Futtaim Motors - Lexus showroom for details on the availability of features.



Large color head-up display

The system helps the driver intuitively understand warnings and take action to avoid potential hazards with animations and information projected on the large 24-inch (600×150mm) display. The screen is divided into different areas to effectively bring information to the driver's attention including cautions and warnings, driving support, road signs, vehicle speed, navigation and other information.



Automatic rear seat reclining

When the rear seat is unoccupied, it automatically reclines in tandem with shift operation. If the headrest is raised, it also lowers to provide a wide field of view in the interior mirror.

SRS (Supplemental Restraint System) airbags

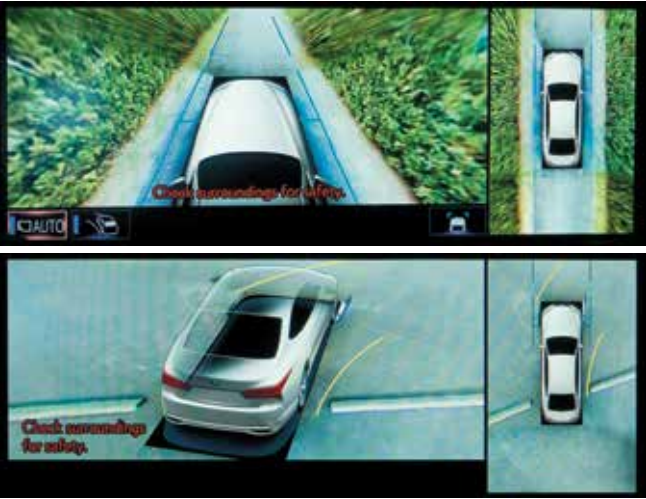
The LS features dual-stage SRS airbags (Front seats), SRS knee airbags (Front seats), SRS side airbags (Front and outboard rear seats) and SRS curtain shield airbags (Front and rear seats). SRS seat cushion airbags (Outboard rear seats) are also available for the power rear seats.*²

Panoramic View Monitor

Video that provides the driver with an image of the vehicle as if viewed from above is displayed on the 12.3-inch EMV (Electro Multi-Vision) display. It helps the driver to check conditions around the vehicle that are difficult to see in real time.*¹

Side Clearance View: Helps the driver to check safe clearance to the side of the vehicle.

Cornering View: Helps the driver to check clearance when turning left or right on a narrow road. When the Side Clearance View is active, the Cornering View is automatically displayed in response to steering operation.*¹



^{*1} Pedestrians, obstacles and other objects may appear different when displayed on the screen. Be sure to visually check your surroundings before you proceed.

^{*2} The SRS airbags are supplemental devices to be used with the seatbelts. The driver and all passengers in the vehicle must wear their seatbelts properly at all times. Never install a rear-facing CRS (Child Restraint System) on the front passenger's seat. For a forward-facing CRS, it is recommended you use it in the rear seats. Please do not use accessories for the seats which cover the parts where the SRS side airbags should inflate. Such accessories may prevent the SRS side airbags from activating correctly, causing serious injury (Lexus genuine seat covers are specifically designed for models equipped with the SRS side airbags). To find out about availability in your area, please inquire at your local dealer). The photo shows all the SRS airbags activated for display purposes only (the SRS side and curtain shield airbags only inflate on the side of the collision in an actual accident). For details on these and other important safety features, be sure to read the Owner's Manual carefully.



F SPORT



F SPORT evolves the Lexus sport DNA that finds its ultimate expression in the LFA supercar, to enable more drivers to experience its exhilarating performance and unique personality. The F SPORT further enhances the LS's aggressiveness as a driver's sedan so drivers can enjoy a unique sense of oneness with the car, born of its ability to respond immediately to the driver's intentions in various situations.

» INTELLIGENCE



F SPORT spindle grille and side grilles (Mesh type)
The exclusive spindle and side grilles inherit the F SPORT vertical pattern in a meticulous design that combines small L-shaped pieces. CAD modeling Takumi spent over 6 months designing

the grilles to embody the outstanding power and refined elegance of a driver's sedan while maintaining the grille's performance.



Front 245/45RF20 + rear 275/40RF20 run-flat tires and F SPORT aluminum wheels (With dark premium metallic paint)
The F SPORT uses different tire sizes on the front and rear to provide exceptional handling stability and boost rear tire grip. The exclusive F SPORT wheels feature a dark premium metallic paint that gives them a subdued luster, heightening the sense of excitement in anticipation of emotional driving.



F SPORT leather/ Ultrasuede sport seats
Applying expertise gained in motorsports development, the seats incorporate protruding shoulder supports finished with Ultrasuede, a material with high friction resistance, to effectively hold the occupant. The perforated section of the seats features the same L-shaped pattern as the spindle grille.



F SPORT TFT (Thin Film Transistor) LCD meter
The exclusive F SPORT meter evolved from the LFA's sliding meter ring. The advanced interface uses motion graphics that combine high visibility with beauty to display a range of functions that instantly communicate important information according to its priority.



VDIM (With integrated active steering control) + LDH (With active stabilizers)
VDIM and LDH help to optimize control of six types of vehicle movement, longitudinal, vertical, lateral, yaw, roll and pitch, by controlling vertical motion using active stabilizers. In normal driving conditions, integrated control of the active stabilizers and LDH suppresses yaw and roll, maintaining intuitive vehicle response, natural roll posture, and a stable posture

across a wide range of speeds. At the limits, the integrated control extends to the active stabilizers and other systems to help assist confident and comfortable driving. In Sport S+ Mode, the system delivers pleasant vehicle response, confidence-inspiring vehicle posture and a comfortable ride. In Comfort Mode, it enhances ride comfort in the rear seats.

F SPORT brakes

Exclusive F SPORT brakes featuring the Lexus logo consistently deliver stable braking performance to enable aggressive sporty driving. The combination of opposed 6-piston monoblock aluminum calipers on the front, opposed 4-piston monoblock aluminum calipers on the rear, and high-friction brake pads contributes to high rigidity and excellent fade resistance. Large, 2-piece disc rotors on the front provide stable braking while limiting thermal deformation, and contribute to reducing unsprung weight.



With active stabilizers

Control of vehicle posture in response to steering inputs

Integrated control of LDH and the active stabilizers suppresses roll during cornering and lane changes in high-speed driving. In addition, the system controls vehicle movement in the roll direction caused by road inputs to deliver stable, confidence-inspiring vehicle posture and a comfortable ride.



Without active stabilizers

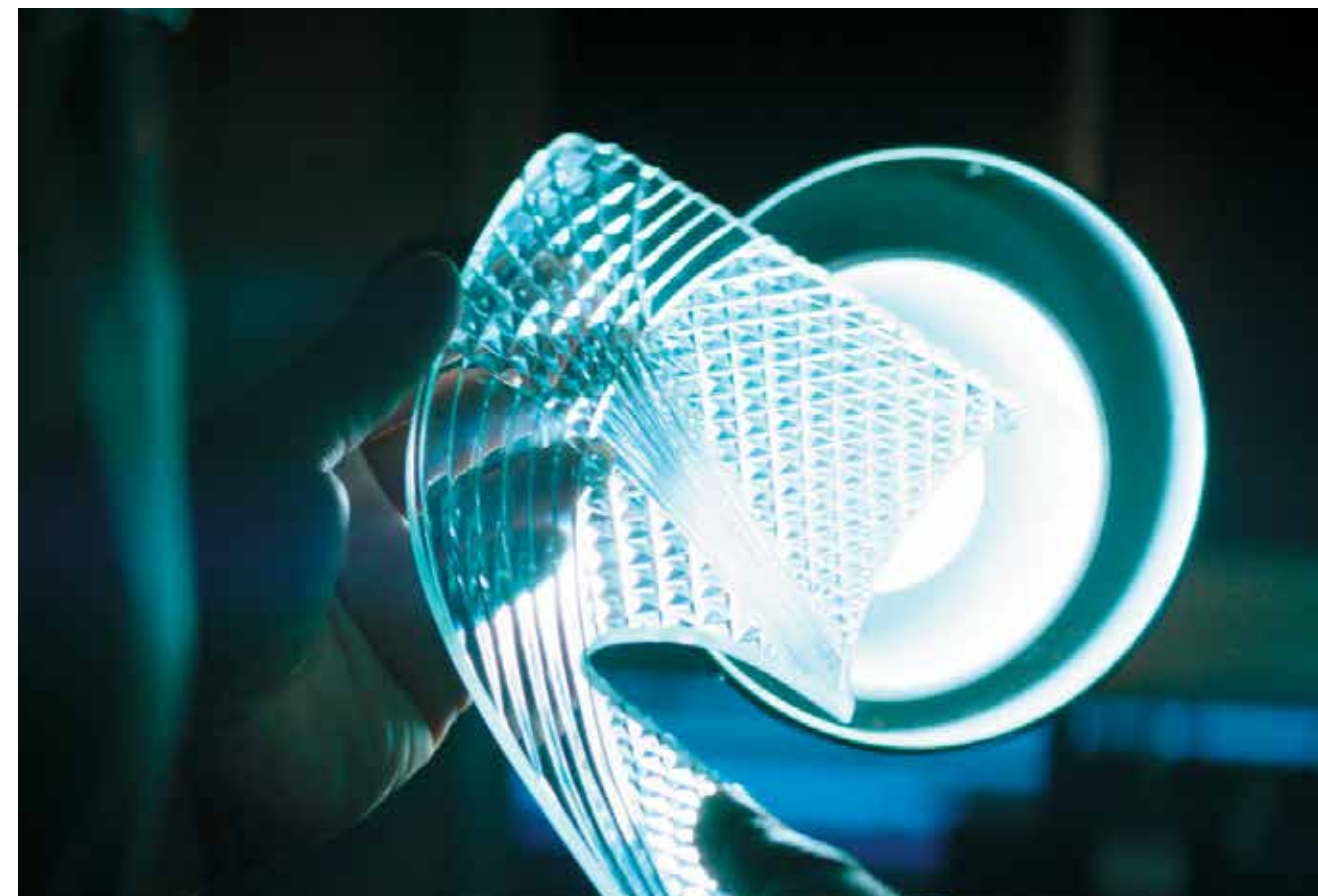
TAKUMI



Our Takumi craftsmen strive for perfection in every aspect of their work, actively seeking enhancements by applying constant care and dedication to their craftsmanship, blending their craftsmen's skills with the power of technology to better anticipate the future.



» INTELLIGENCE



EXTERIOR & INTERIOR
COLORS

The LS's "Effect of Element" color design concept is expressed in a richly varied worldview that complements pleasing variations in the shape of the exterior and interior with elements such as colors, material textures, three-dimensional finishes and lighting. Enjoy the pinnacle of refinement made possible by a tapestry of colors and materials.



White Nova Glass Flake <083>*1



Sonic Quartz <085>*2



Sonic Silver <1J2>



Sonic Titanium <1J7>



Manganese Luster <1K2>



Black <2I2>



Graphite Black Glass Flake <223>



Red Mica Crystal Shine <3R1>



Sonic Agate <3U3>



Sleek Ecru Metallic <4U7>*2



Amber Crystal Shine <4X2>*2



Heat Blue Contrast Layering <8X1>*1



Deep Blue Mica <8X5>*2



19-inch aluminum wheels



20-inch aluminum wheels



20-inch aluminum wheels



20-inch aluminum wheels (F SPORT)

*1 Available on F SPORT package only. *2 Not available on F SPORT package.

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<SEMI-ANILINE LEATHER (EXECUTIVE MODEL)>



Crimson & Black/Kiriko (Cut Glass)

<SEMI-ANILINE LEATHER (LUXURY MODEL)>



Topaz Brown/Walnut (Open Pore)



Ivory/Walnut (Gross)



Black/Shimamoku

<SMOOTH LEATHER>



Ivory/Walnut (Open Pore)

<SMOOTH LEATHER (F SPORT PACKAGE)>



Flare Red/Naguri-style Aluminum



Black/Naguri-style Aluminum



White/Naguri-style Aluminum

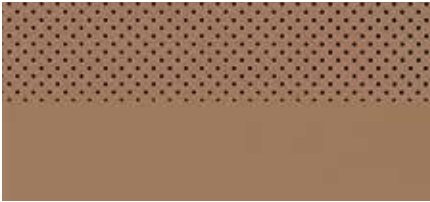
<SEMI-ANILINE LEATHER >



Crimson & Black/Black



Ivory



Topaz Brown

<SMOOTH LEATHER>



Ivory

<SMOOTH LEATHER (F SPORT PACKAGE)>



White



Black



Flare Red

<TRIM>



Walnut (Gross)



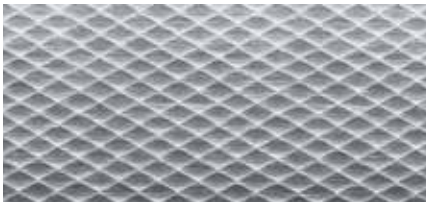
Walnut (Open Pore)



Shimamoku



Kiriko (Cut Glass)



Naguri-style Aluminum

	SEATING MATERIAL/INTERIOR COLORS								
	Semi-aniline Leather (Executive model)	Semi-aniline Leather (Luxury model)				Smooth Leather	Smooth Leather (F SPORT package)		
	Crimson & Black	White	Black	Ivory	Topaz Brown	Ivory	White	Black	Flare Red
Walnut (Gross)	—	●	—	●	—	—	—	—	—
Walnut (Open Pore)	—	—	—	—	●	●	—	—	—
Shimamoku	—	—	●	—	—	—	—	—	—
Kiriko (Cut Glass)	●	—	—	—	—	—	—	—	—
Naguri-style Aluminum	—	—	—	—	—	—	●	●	●

● : Available combination.

SPECIFICATIONS <LS500h/LS500/LS350>

DIMENSIONS & WEIGHT

Overall length:	5235mm
Overall width:	1900mm
Overall height:	1450mm (with air suspension), 1460mm (with coil suspension)
Wheelbase:	3125mm
Tread: Front	1630mm
Rear	1635mm, 1615mm* ¹
Curb weight:	2105-2290kg <LS500>, 2180-2350kg <LS500h>, 2030-2205kg <LS350>
Gross vehicle weight:	2670kg <LS500>, 2725kg <LS500h>, 2585kg <LS350>

CHASSIS

Suspension (Front/Rear):	Multi-link type, air springs, gas-filled shock absorbers, stabilizer bar
Steering system:	Rack and pinion with electric power assist. EPS (Electric Power Steering)
Brakes: Front	357mm, 400mm* ¹ * ² ventilated discs
Rear	335mm, 359mm* ¹ * ² ventilated discs
Minimum turning radius (Tires):	5.7m, 5.6m* ¹
Fuel tank capacity:	82 liters
Tires: Front	245/50RF19, 245/45RF20
Rear	245/50RF19, 245/45RF20, 275/40RF20* ¹

ENGINE <LS500h>	
Type:	3.5-liter V6 Four Cam 24-valve (8GR-FXS, unleaded)
Piston displacement:	3456cc
Max. output:	295HP/6600rpm (EEC net)
Max. torque:	35.7kg-m/5100rpm (EEC net)
Fuel system:	D-4S (Direct injection 4 stroke gasoline engine Superior version) EFI (Electrical Fuel Injection)

ENGINE <LS500>	
Type:	3.5-liter V6 Four Cam 24-valve, twin turbochargers (V35A-FTS, unleaded)
Piston displacement:	3444cc
Max. output:	416HP/6000rpm (EEC net)
Max. torque:	61.2kg-m/1600-4800rpm (EEC net)
Fuel system:	D-4ST (Direct injection 4 stroke gasoline engine Superior version with Turbo) EFI (Electrical Fuel Injection)

ENGINE <LS350>	
Type:	3.5-liter V6 Four Cam 24-valve (8GR-FKS, unleaded)
Piston displacement:	3456cc
Max. output:	311HP/6600rpm (EEC net)
Max. torque:	38.7kg-m/4800-4900rpm (EEC net)
Fuel system:	D-4S (Direct injection 4 stroke gasoline engine Superior version)

MOTOR <LS500h>	
Type:	Permanent magnet motor (2NM)
Max. output:	177HP
Max. torque:	30.6kg-m
Total system output:	354HP* ³

BATTERY <LS500h>	
Type:	Lithium ion
Modules:	84
Connection method:	Series
Capacity:	3.6Ah

*¹ F SPORT package. *² LS500. *³ Total system output from the engine and electric motor
(using the battery), based on in-house measurements.



Addition of extra features may change figures in this chart.
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FEATURES <LS 350>

PACKAGE	Prestige
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EXTERIOR

Alloy Wheels	19"
Tires (Type A: 245/50RF19)	Type A
3-Eye Projector LED Headlamps	■
Auto Levelling System	■
AHB (Auto High Beam)	■
Sequential Turn Lights	■
LED Front Fog and Driving Lamp	■
LED Wide-Angle Cornering Lamp	■
Rear Fog Lamp	■
Headlamp Cleaner	■
Flush Side Window Glass	■
Chrome Plated Side Moulding	■
Windshield Glass: UV-Cut/Infrared Ray-Cut Green Tinted Glass	■
Direct Spray Wiper Arms	■
Moonroof; Power Tilt/Slide, One-Touch Mode with Jam Protection System	■
Auto and Easy Closer Door	■

INTERIOR

Leather Steering Wheel	■
Ambient Illumination	■
Optitron Meters	■
8" Color TFT (Thin Film Transistor) Multi-Information Display	■
Analog Clock; GPS Correction Function	■
Touch Type Overhead Console LED Lamp Switches	■
Power Rear Windscreen Sunshade	■
Lexus Logo Illumination	Front
Bluetooth Function; Hands-Free Calling, Wireless Connection with AV-Profile Compliant Player, Miracast	■
Lexus Premium Sound System with DVD, 12 Speakers, MP3, WMA Play Compatible, DSP, ASL	■
Lexus Navigation System	■
12.3" EMV (Electro Multi-Vision) Display, Remote Touch Interface	■

FEATURES <LS 350>

PACKAGE	Prestige
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SEATS

Seat Leather	Smooth
20-Way Power Driver's Seat; Power Lumbar Support, Adjustable Seat Cushion Length	■
18-Way Power Front Passenger's Seat; Power Lumbar Support	■
Front Passenger Seat Control Switch on Driver Side	■

OPERATION & CONVENIENCE

All Speed Adaptive Cruise Control	■
Power Tilt and Telescopic Steering Column Auto Away/Return, Memory Function	■
Steering Wheel Control Switches	■
Drive Mode Select (Eco/Normal/Sport)	■
Power Trunk Lid+ Luggage Closer	■
Remote Engine Starter	■
Electric Parking Brake	■
Dual Zone Independent Temperature Controls, Clear Air Filter with Pollen and Odor Removal Function	■
Smart Entry & Start System	■
Stop & Start System	■
2 USB Ports/Mini-Jack	■

SAFETY

Lexus Safety System + (Pre-Crash System, Adaptive Radar Cruise Control, Lane Keeping Assist)	■
Blind Spot Monitor with RCTA	■
Airbags (Front, Knee, Side & Curtain)	■
Dual-Stage SRS Airbags for Front Seats (Supplemental Restraint System)	■
ISO FIX Child Seat Mounting	■
PKSA (Parking Support Alert)	■
TRC (Traction Control System)	■
VSC (Vehicle Stability Control)	■
ABS (Anti-Lock Brake System) with EBD (Electronic Brake Force Distribution)	■
Brake Assist System	■
WIL Concept Front Seats (Whiplash Injury Lessening)	■
Rear View Monitor System	■
LED DRL (Daytime Running Lamp)	■

FEATURES

<LS 500 HYBRID>

PACKAGE	Prestige	Platinum	Titanium
EXTERIOR			
Alloy Wheels	19"	20"	20"
Tires (Type A: 245/50RF19, Type D: 245/45RF20)	Type A	Type D	Type D
3-Eye Projector LED Headlamps	■	■	■
Auto Levelling System	■	■	■
AHB (Auto High Beam)	■	■	■
AHS (Adaptive High Beam System)		■	■
Sequential Turn Lights	■	■	■
LED Front Fog and Driving Lamp	■	■	■
LED Wide-Angle Cornering Lamp	■	■	■
Rear Fog Lamp	■	■	■
Headlamp Cleaner	■	■	■
Flush Side Window Glass	■	■	■
Chrome Plated Side Moulding	■	■	■
Windshield Glass: UV-Cut/Infrared Ray-Cut Green Tinted Glass	■	■	■
Direct Spray Wiper Arms	■	■	■
Moonroof: Power Tilt/Slide, One-Touch Mode with Jam Protection System	■	■	■
Auto and Easy Closer Door	■	■	■
INTERIOR			
Wood & Leather Steering Wheel	Leather	Wood & Leather	Wood & Leather
Ambient Illumination	■	■	■
Optitron Meters	■	■	■
8" Color TFT (Thin Film Transistor) Multi-Information Display	■	■	■
24" Large Color Head-Up Display		■	■
Analog Clock; GPS Correction Function	■	■	■
Touch Type Overhead Console LED Lamp Switches	■	■	■
Power Sunshades: Rear door & Quarter Window		■	■
Power Rear Windscreen Sunshade	■	■	■
Lexus Logo Illumination	Front	Front & Rear	Front & Rear
Bluetooth Function; Hands-Free Calling, Wireless Connection with AV-Profile Compliant Player, Miracast	■	■	■
Lexus Premium Sound System with DVD, 12 Speakers, MP3, WMA Play Compatible, DSP, ASL	■		
Mark Levinson QLI Reference Surround Sound System with 23 speakers		■	■
Rear Seat Entertainment System; 11.6-Inch Display, Mini-Jack, HDMI Jack, 2 Headphone Jacks, Micro SD Remote Control, Blue Ray Player, Miracast			■
Lexus Navigation System	■	■	■
12.3" EMV (Electro Multi-Vision) Display, Remote Touch Interface	■	■	■

FEATURES

<LS 500 HYBRID>

PACKAGE	Prestige	Platinum	Titanium
SEATS			
Seat Leather	Smooth	Semi-Aniline (Lux)	Semi-Aniline (Exe)
28-Way Power Driver's Seat; Power Lumbar Support, Adjustable Seat Cushion Length	20-Way	■	■
28-Way Power Front Passenger's Seat; Power Lumbar Support	18-Way	■	■
Seat Heater (Front Seats)		■	■
Ventilated Seats (Front and Outboard Second Row Seats)		■	■
Seat Vibrator		Front	Front & Rear
Front Passenger Seat Control Switch on Driver Side	■	■	■
22-Way Power Rear Seat (Behind the Front Passenger's Seat)		■	■
Ottoman Seat with Expansion Mechanism			■
OPERATION & CONVENIENCE			
All Speed Adaptive Cruise Control	■	■	■
Air Suspension with Auto Access Mode		■	■
Adaptive Variable Suspension	■	■	■
Power Tilt and Telescopic Steering Column Auto Away/Return, Memory Function	■	■	■
Steering Wheel Control Switches	■	■	■
Drive Mode Select	■	With Custom Mode	With Custom Mode
Power Trunk Lid+ Luggage Closer	■	Kick Motion Sensor	Kick Motion Sensor
Remote Engine Starter	■	■	■
Electric Parking Brake	■	■	■
4-Zone Independent Temperature Controls, Clear Air Filter with Pollen and Odor Removal Function	Dual Zone	■	■
Smart Entry & Start System	■	With Card	With Card
2 USB ports/ Mini-Jack	■	■	■
SAFETY			
Lexus Safety System + (Pre-Crash System, Adaptive Radar Cruise Control, Lane Keeping Assist)	■	■	■
Blind Spot Monitor with RCTA	■	■	■
Airbags (Front, Knee, Side & Curtain)	■	■	14 Airbags
Dual-Stage SRS Airbags for Front Seats (Supplemental Restraint System)	■	■	■
ISO FIX Child Seat Mounting	■	■	■
PKSA (Parking Support Alert)	■	■	■
TRC (Traction Control System)	■	■	■
VSC (Vehicle Stability Control)	■	■	■
ABS (Anti-Lock Brake System) with EBD (Electronic Brake force Distribution)	■	■	■
Brake Assist System	■	■	■
WIL Concept Front Seats (Whiplash Injury Lessening)	■	■	■
Rear View Monitor System	■	Panoramic View	Panoramic View
LED DRL (Daytime Running Lamp)	■	■	■

