

A dark blue Lexus LS sedan is shown from a front-quarter perspective, driving on a city street. The car's headlights are on, and its distinctive spindle grille is prominent. The background features a dense urban skyline with various skyscrapers and trees. A grey diagonal overlay is present in the top right corner, containing the text 'LS' and 'LS350 / LS500 / LS500h'.

LS

LS350 / LS500 / LS500h































LEXUS

INTELLIGENCE

SEVEN

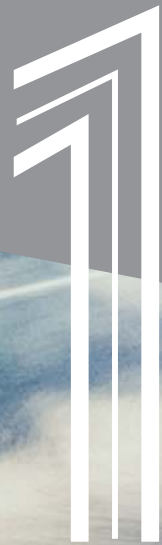




CONCEPT



The next-generation LS realises 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.



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For Lexus, creating a flagship sedan is about much more than making a luxury vehicle. It goes without saying that it must symbolise Lexus, but it must also define the luxury car of the future, crystallise Japanese culture, and serve as an exemplary car to the world that exceeds customers' imagination. To realise 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 centre 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.



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### EXTERIOR

Expressing the design concept "Sensual Aggressive", the exterior fuses sensual beauty with the low centre 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 realise exhilarating driving like you've never experienced before.



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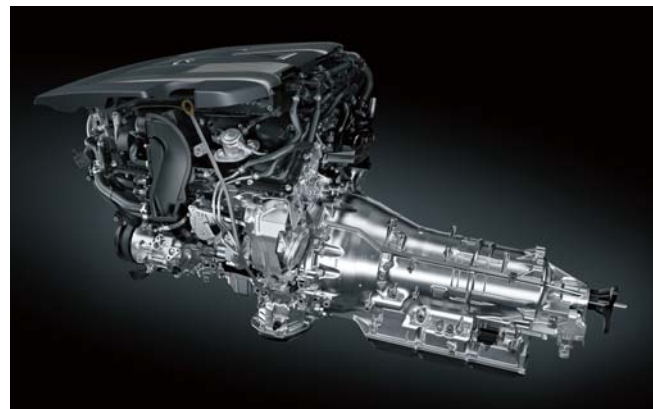


**3.5-litre V6 engine**

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.\*

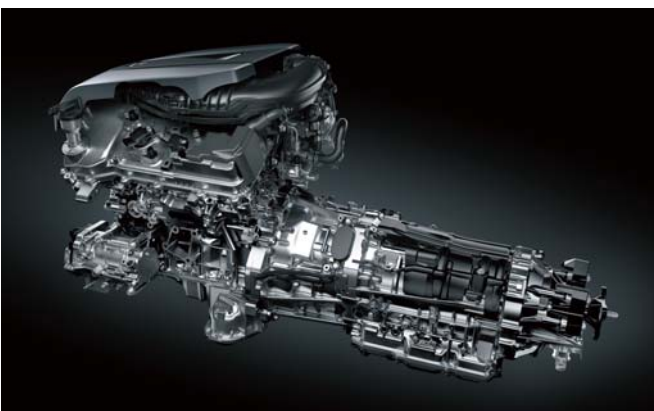
**3.5-litre V6 twin turbocharged engine**

Developed exclusively for Lexus, the core engine platform was redesigned and high-speed combustion technology and a high-efficiency turbocharger utilised 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-litre V6 engine**

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,

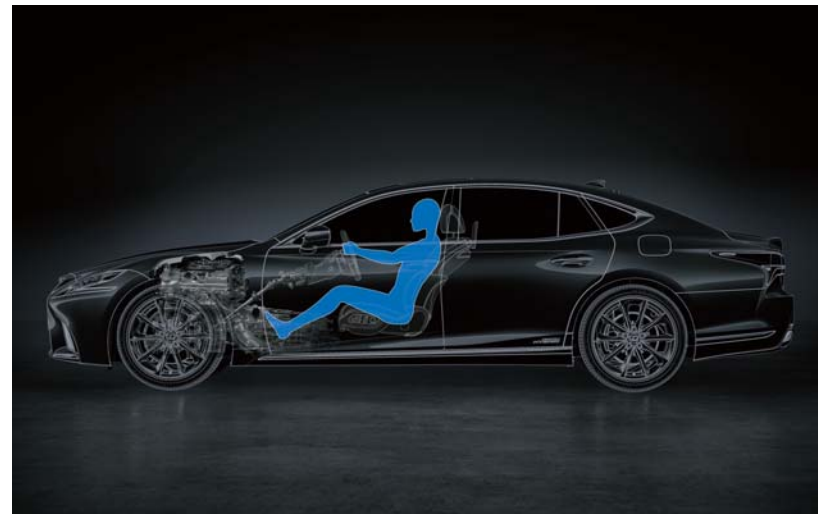
amplifying engine torque and increasing drive force by 24%. It utilises engine speed in a wide range from low to high speeds, harnessing maximum engine output from 50km/h, as well as enabling high-speed driving at lower engine rpms for a quiet ride.

\* 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 optimising the layout and use of hot-stamp, high-tensile steel for major body components such as the rockers, pillars and roof. To lower the centre of gravity and moment of inertia, aluminium was used for the body framework located further from the vehicle's centre 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 optimise 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 centre of gravity close together minimises 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 utilises 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.



**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.





**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.

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Together with its bold silhouette, the LED lamps symbolise 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 440 litres of luggage space.



**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.

Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment.





**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 optimise the rear seat space.



**Rear multi-operation panel**

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

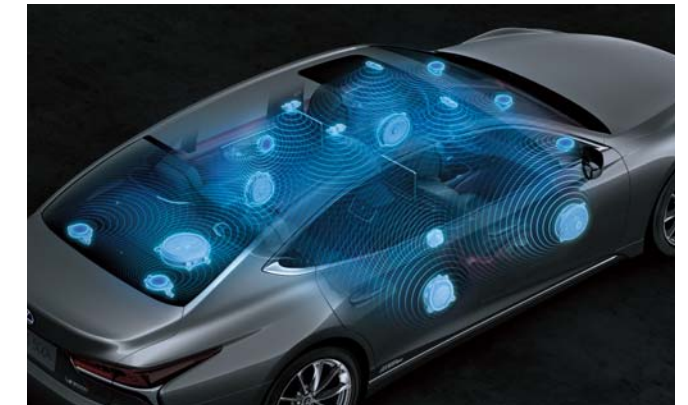
**Rear seat entertainment system\***

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.



**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.



**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 utilises 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.



**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.

\* Only available with Ultra Luxury add-ons.

\* Only available in LS350 Luxury and LS500 Luxury packages.

Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment.





**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.



**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



**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

\*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.  
^ Not available for F SPORT package.

Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment.



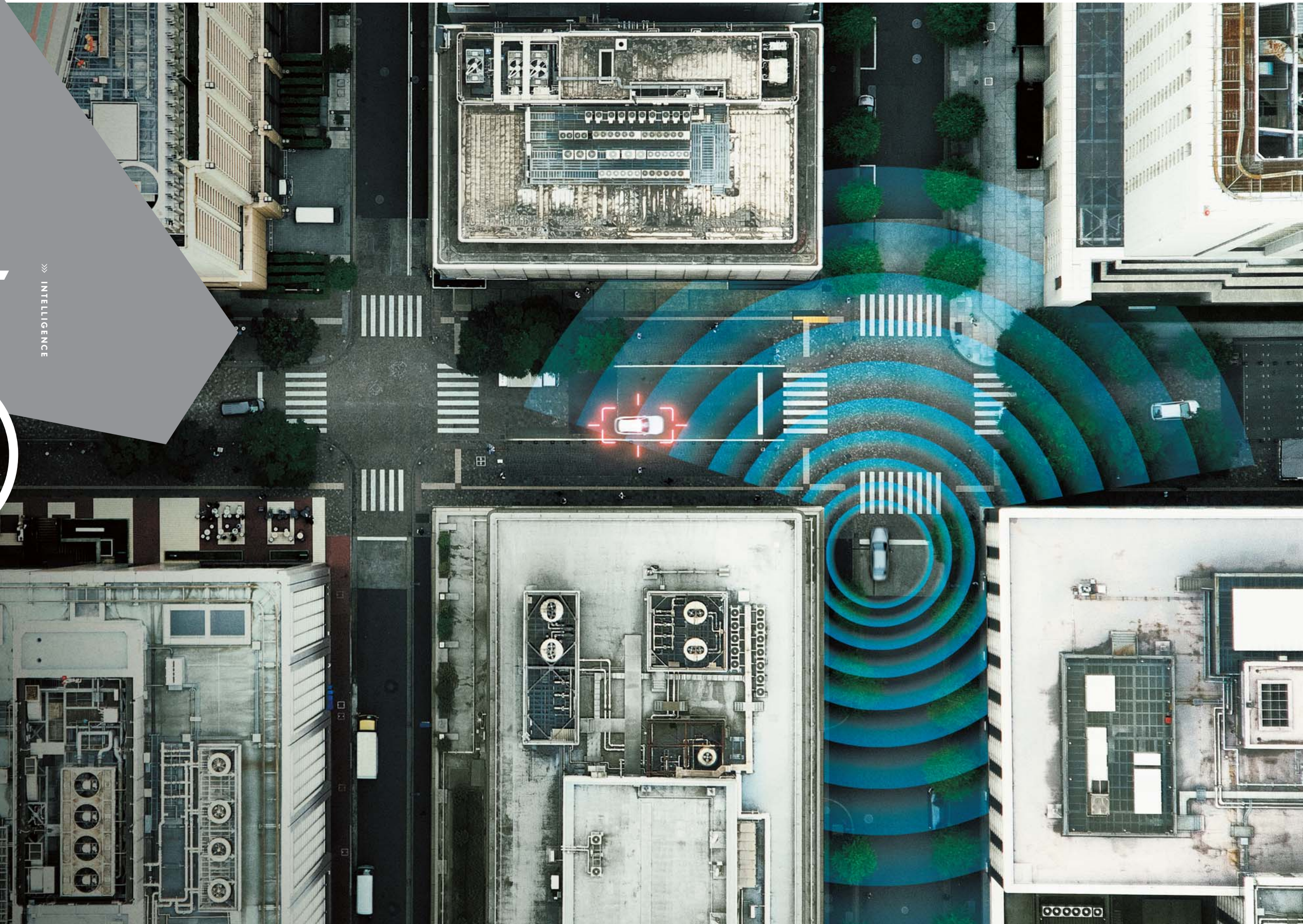
SAFETY



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



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## LEXUS SAFETY SYSTEM +

### PCS (Pre-Collision System)

When the millimeter-wave radar and monocular camera sensors detect a collision with a vehicle ahead, 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.



### LDA with Steering Control (Lane Departure Alert)

LDA 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 by applying force to the 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.

### DRCC (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.



### BSM (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

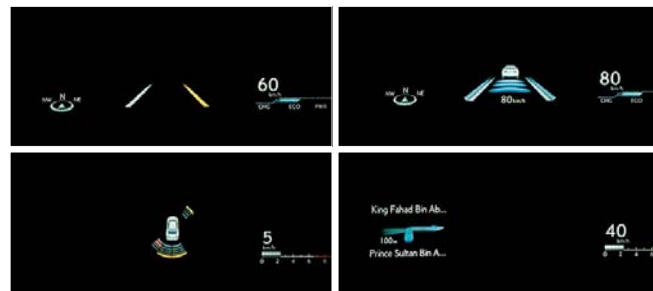
The LED cornering lamps contribute to confident driving when turning left or right at night and in the rain by distributing more light in the direction of forward travel and to the sides. The multi weather lights help reduce glare caused by light from the headlamps projected forward when driving in fog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





### HUD (Large Colour 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.\*<sup>2</sup>

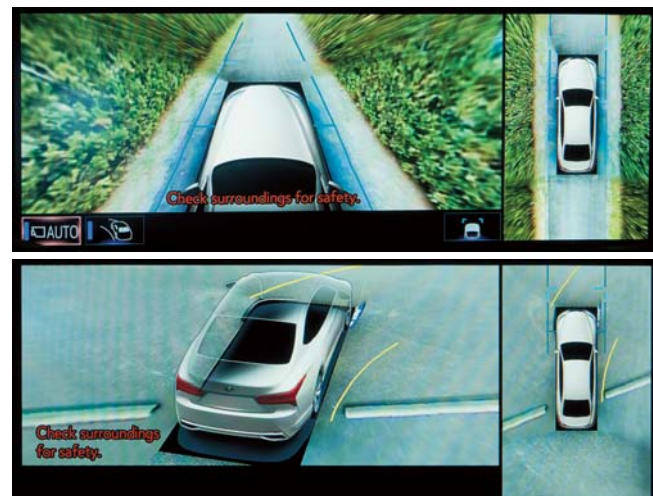


### Panoramic View Monitor

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.\*<sup>1</sup>

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.\*<sup>1</sup>



<sup>\*1</sup> Pedestrians, obstacles and other objects may appear different when displayed on the screen. Be sure to visually check your surroundings before you proceed.  
<sup>\*2</sup> 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). 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.



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**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 tyres and F SPORT aluminium wheels (With dark premium metallic paint)  
 The F SPORT uses different tyre sizes on the front and rear to provide exceptional handling stability and boost rear tyre 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 (Vehicle Dynamics Integrated Management)  
+ LDH (Lexus Dynamic Handling System)**

VDIM and LDH help to optimise control of six tyres of vehicle movement, longitudinal, vertical, lateral, yaw, roll and pitch. In normal driving conditions 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 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 aluminium 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.



## 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  
COLOURS

*The LS's "Effect of Element" colour 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 colours, material textures, three-dimensional finishes and lighting. Enjoy the pinnacle of refinement made possible by a tapestry of colours 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 Ecu Metallic <4U7>\*2



Amber Crystal Shine <4X2>\*2



Heat Blue Contrast Layering <8X1>\*1



Deep Blue Mica <8X5>\*2



19-inch Noise Reducing Run-Flat Tyres with Hyper-chrome Metallic Coating (LS350 luxury)



20-inch Run-Flat Tyres with Dark Premium Metallic Coating (LS350 F SPORT)



20-inch Noise Reducing Run-Flat Tyres with Physical Vapor Deposition (LS500 Luxury, LS500H Luxury, LS500 with Ultra Luxury add-ons)



20-inch Forged Run-Flat Tyres with Polished Finish (LS500H with Ultra Luxury add-ons)

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



<SEMI-ANILINE LEATHER (LUXURY PACKAGE)>



Black / Shimamoku [21]

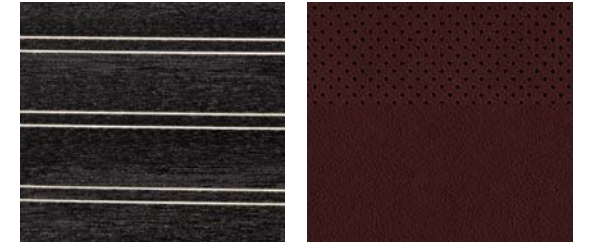


Ivory / Walnut (Gross) [45]



Topaz Brown / Walnut (Open Pore) [59]

<SEMI-ANILINE LEATHER (LUXURY PACKAGE)>



Noble Brown / Laser Cut [92]

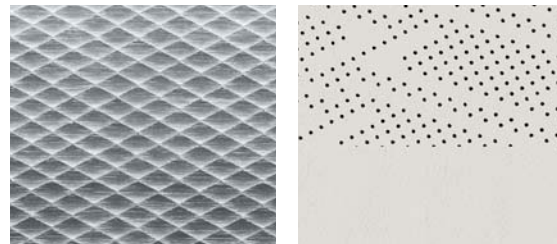
		BLACK WITH SHIMAMOKU	IVORY WITH WALNUT (GROSS)	TOPAZ BROWN WITH WALNUT (OPEN PORE)	NOBLE BROWN WITH LASER CUT
		21	45	59	92
085	SONIC QUARTZ	•	•	•	•
1J2	SONIC SILVER	•	•	•	•
1J7	SONIC TITANIUM	•	•	•	•
1K2	MANGANESE LUSTER	•	•	•	•
212	BLACK	•	•	•	•
223	GRAPHITE BLACK GF.	•	•	•	•
3R1	RED MICA CS.	•	•	•	•
3U3	SONIC AGATE	•	•	•	•
4U7	SLEEK ECRU ME.	•	•	•	•
4X2	AMBER CS.	•	•	•	•
8X5	DEEP BLUE MC.	•	•	•	•

The images above are for colour references only.

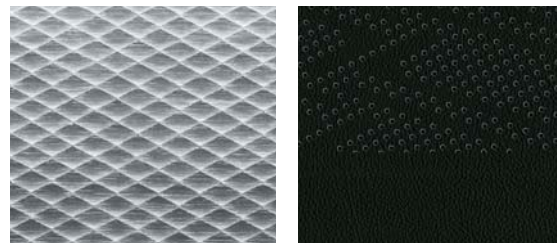
Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area.



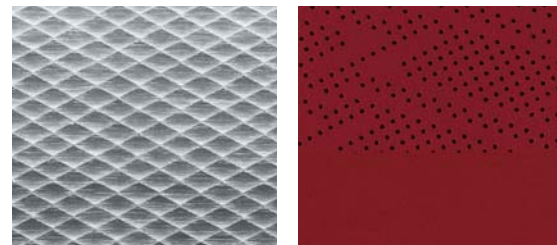
<SMOOTH LEATHER (F SPORT PACKAGE)>



L-White / Naguri-style Aluminum [06]



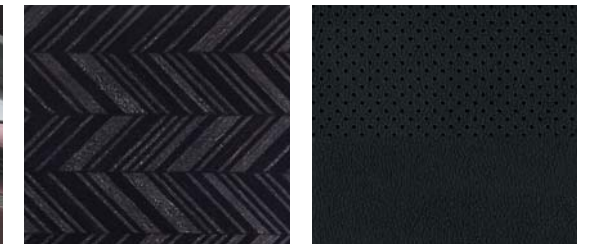
Black / Naguri-style Aluminum [26]



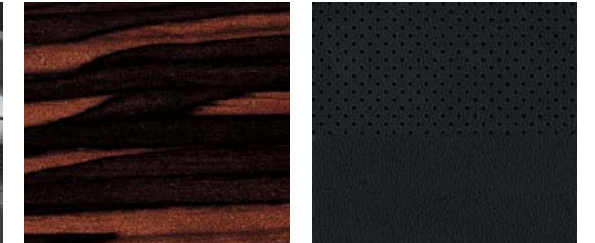
Flare Red / Naguri-style Aluminum [36]

		L-WHITE	BLACK	FLARE RED
083	WHITE NOVA GF.	06	26	36
1J2	SONIC SILVER	•	•	•
1J7	SONIC TITANIUM	•	•	•
1K2	MANGANESE LUSTER	•	•	•
212	BLACK	•	•	•
223	GRAPHITE BLACK GF.	•	•	•
3R1	RED MICA CS.	•	•	•
3U3	SONIC AGATE	•	•	•
8X1	HEAT BLUE CONTRAST LAYERING	•	•	•
8X5	DEEP BLUE MC.	•	•	•

<SEMI-ANILINE LEATHER (ULTRA LUXURY ADD-ONS)>



Crimson & Black / Art Wood (Herringbone) [33]



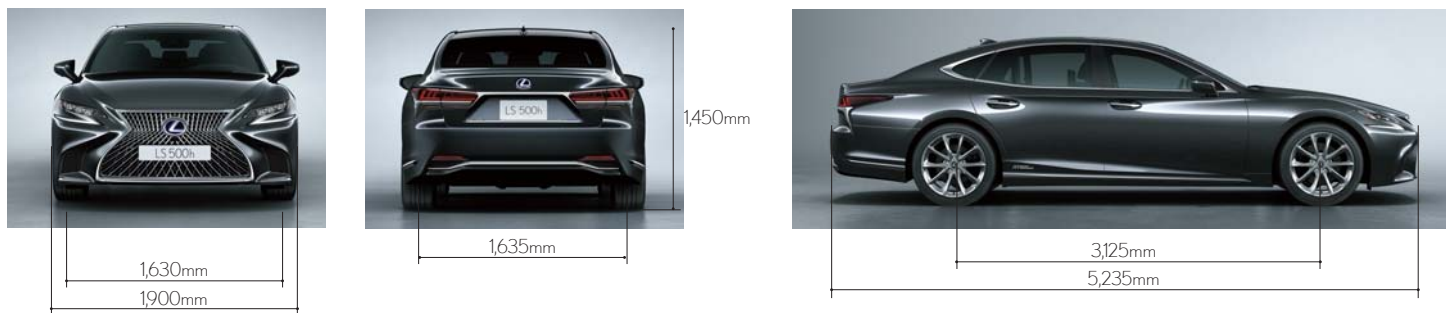
Black / Art Wood (Organic) [24]

		BLACK WITH ART WOOD (ORGANIC)	CRIMSON & BLACK WITH ART WOOD (HERRINGBONE)
		24	33
085	SONIC QUARTZ	•	•
1J2	SONIC SILVER	•	•
1J7	SONIC TITANIUM	•	•
1K2	MANGANESE LUSTER	•	•
212	BLACK	•	•
223	GRAPHITE BLACK GF.	•	•
3R1	RED MICA CS.	•	•
3U3	SONIC AGATE	•	•
4U7	SLEEK ECRU ME.	•	•
4X2	AMBER CS.	•	•
8X5	DEEP BLUE MC.	•	•



**SPECIFICATIONS**

ENGINE	LS500H	LS500	LS350
Engine Type	V6, 24-valve DOHC, VVT-iW (intake), VVT-i (exhaust)	V6 Twin Turbocharged, 24-valve DOHC, VVT-iE (intake), VVT-i (exhaust)	V6, 24-valve DOHC, VVT-iW (intake), VVT-i (exhaust)
Drive	Rear-Wheel Drive		
Transmission Type	Multi Stage Hybrid Transmission	10-Speed Automatic Transmission	
Bore x Stroke	94.0 x 83.0 mm	85.5 x 100.0 mm	94.0 x 83.0 mm
Displacement	3,456 cc	3,445 cc	3,456 cc
Compression Ratio	13.0	10.476	11.8.0
Max. Output (Combined)	264 kW (353 bhp) / 6600 rpm	310 kW (415 bhp) / 6,000 rpm	232 kW (310 bhp) / 6,600 rpm
Max. Torque	350Nm / 5,100 rpm	600 Nm / 1,600 - 4,800 rpm	380 Nm / 4,800 rpm
Max. Speed	250 km/h	250 km/h	250 km/h
Acceleration (0 - 100km/h)	5.4 sec	5.0 sec	6.5 sec
Fuel Consumption	6.7 L / 100km [14.9 km/L]	9.5 L / 100km [10.5 km/L]	9.6 L / 100km [10.4 km/L]
Carbon Emissions	152 g/km	217 g/km	220 g/km
VES Banding	B	C2	C2
<b>LS500H MOTOR AND BATTERY</b>			
Motor Type	Permanent Magnet Synchronous Motor		
Max. Output	132 kW		
Max Torque	300 Nm		
Battery Type	Lithium-ion		
Number of Battery Cells	84		
<b>CHASSIS</b>			
Brake	Ventilated Disc Brake		
Suspension (Front)	High Mount Multi-link		
Suspension (Rear)	Multi-link		
Steering System	Electronic Power Steering		
<b>MEASUREMENTS</b>			
Length	5,235 mm		
Width	1,900 mm		
Height	1,450 mm		
Wheelbase	3,125 mm		
Tread (Front)	1,630 mm		
Tread (Rear)	1,635mm		
Min. Turning Radius (Tyre)	5.7 m		
Coefficient of Drag	0.28	0.29	0.28
Kerb Weight	2,270 - 2,305 kg	2,220 - 2,250 kg	2,125 - 2,165 kg
Gross Vehicle Weight	2,725 kg	2,670 kg	2,585 kg
Boot Capacity	440 L		
Fuel Tank Capacity	82 L		



**FEATURES**

ULTIMATE COMFORT	LS350 LUXURY	LS350 F SPORT	LS500 LUXURY	LS500H LUXURY
Ambient Illumination	•	•	•	•
Electrically Adjustable Steering Wheel with Paddle shifters	•	•	•	•
Auto Retractable Wing Mirrors with Memory	•	•	•	•
Electrochromic (EC) Inside Rear View Mirror	•	•	•	•
Air Ventilated Front Seats (Cooler + Heater)	•	•	•	•
Air Ventilated Rear Seats	Cooler + Heater	Heater	Cooler + Heater	Cooler + Heater
Original Factory-fitted Upholstery	Semi-Aniline Leather	F SPORT Smooth Leather	Semi-Aniline Leather	Semi-Aniline Leather
28-way Power Adjustable Front Seats with Shoulder, Side, Pelvic, Calf, Lumbar Support, Cushion Length Adjuster and Butterfly Headrest	•	–	•	•
26-way Power Adjustable Front Seats with Shoulder, Side, Pelvic, Calf, Lumbar Support and Cushion Length Adjuster	–	•	–	–
18-way Power Adjustable Rear Seats with Shoulder, Pelvic, Lumbar Support, Cushion Length Adjuster and Butterfly Headrest	•	–	•	•
Memory Seats	FR + RR	FR	FR + RR	FR + RR
Independent Climate Control with Nanoe System	Four-zone	Dual-zone	Four-zone	Four-zone
Rear Centre Armrest with Integrated Control Panel	Touch Display	•	Touch Display	Touch Display
Power Rear Sunshade with Power Side Door & Quarter Sunshades	•	–	•	•
Power Rear Sunshade	–	•	–	–
Cooler Box	•	–	•	•
Moonroof	•	•	•	•
Shiatsu Massage (Front Seats)	•	–	•	•
<b>INTUITIVE TECHNOLOGY</b>				
Smart Keyless Go	•	•	•	•
LED Daytime Running Lamps	•	•	•	•
Bi-LED Triple 'L' He adlamps with LED Sequential Turn Indicators	•	•	•	•
LED Cornering lamps with Multi-weather Lights	•	•	•	•
Auto-Levelling	•	•	•	•
Headlamp Cleaner	•	•	•	•
Auto Rain Sensor	•	•	•	•
24" Coloured Head-up Display Projection	•	•	•	•
Air Suspension with Access Mode + Adaptive Variable Suspension (AVS)	•	•	•	•
Drive Mode Select (Eco/Normal/Custom/Sport/Sport+)	•	•	•	•
Lexus Integrated Navigation System with 12.3" Display Screen	•	•	•	•
Lexus Remote Touch Interface	•	•	•	•
Hands-free Power Trunk Lid	•	•	•	•
<b>AUDIO &amp; ENTERTAINMENT</b>				
USB / iPod Playback Function	•	•	•	•
AM/FM tuner, DVD player	•	•	•	•
Phone Bluetooth	•	•	•	•
Mark Levinson 3D Audio Surround System with 23 Speakers	•	•	•	•
<b>360° PROTECTION</b>				
12 SRS Airbags	•	•	•	•
Blind Spot Monitor (BSM) + Rear Cross Traffic Alert (RCTA)	•	•	•	•
Electric Park Brake (EPB) with Brake Hold Function	•	•	•	•
Vehicle Dynamics Integrated Management (EPS + VSC + ABS + TCS)	•	with LDH (VGRS + DRS)	•	•
Panoramic View Monitor	•	•	•	•
Lexus Safety System + (DRCC, PCS, LDA, AHS)	•	•	•	•
Auto-location Tyre Pressure Warning System	•	•	•	•
Anti-theft System	•	•	•	•
<b>RIMS &amp; TYRES</b>				
Bridgestone 245/50R19 Noise-reducing Run-flat Tyres w Chrome Metallic Coating	•	–	–	–
Bridgestone 245/45 + 275/40 RF20 Run-flat Tyres w F SPORT Dark Metallic Coating	–	•	–	–
Bridgestone 245/45R20 Noise-reducing Run-flat Tyres w Physical Vapor Deposition	–	–	•	•
<b>ULTRA LUXURY ADD-ONS</b>				
Butterfly Power-Retractable Front Headrests	LS500 ULTRA LUXURY		LS500H ULTRA LUXURY	
22-way Power Adjustable Rear Seats with Shoulder, Pelvic, Lumbar Support, Cushion Length Adjuster, Butterfly Headrest with Rear Ottoman	•	•	•	•
Left-Rear Power Reclining up to 48° with Sliding Ottoman	•	•	•	•
Shiatsu Massage (Rear Seats)	•	•	•	•
Rear Entertainment with 11.6" LCD Screen	•	•	•	•
Bridgestone 245/45R20 Noise-reducing Run-flat Tyres w Physical Vapor Deposition	•	•	•	•
Bridgestone 245/45RF20 Forged Run-flat Tyres With Polished Finish	–	–	•	•

Note: Vehicles illustrated, specifications and equipment detailed in this specification sheet may vary. Lexus reserves the right to alter any details of specifications and equipment without notice. Please consult your Lexus sales consultant for details.





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