

LS

LS500 | LS500h



 **LEXUS**
EXPERIENCE AMAZING

LS

CONCEPT

Befitting the Lexus flagship sedan, the LS realises a future-focused vision of luxury to create a superior driving experience. It further evolves Lexus DNA to provide refined driving and ride performance, fusing advanced technologies with exquisite craftsmanship to shape trendsetting values.

The inspired starting point of the LS was to refine every aspect of 'driving performance, quietness, ride, and interior comfort' encoded in the original LS DNA, to give fresh expression and nuance to exceptional Lexus quietness, comfort and peace of mind. Then project it into the future through the adoption of innovative technologies that advance the human-machine interface between driver and car to deliver exhilarating, confident driving. These qualities are given emotional expression through an artistic approach to design that shapes the dynamic silhouette. It is deepened by Takumi craftsmanship which captures the ethereal qualities of trim details in the cabin, and enjoyed in the ever-changing moonlight inspired light and shadow of the sophisticated Sonic Aluminium exterior finish.



LS

EXTERIOR DESIGN

The LS exudes chic sophistication at first sight, fusing sensual beauty with a low centre of gravity to shape a distinctive, confident presence. Meticulous attention was paid to further refining the flagship comfort, utility and safety of each element to make every drive in the LS time well spent. Fusing craftsmanship with advanced technologies to create a modern expression of luxury, imbues an enriching experience to be enjoyed with confidence and peace of mind.

A slim 3-projector light unit above and innovative BladeScan Adaptive High-beam System headlights below help provide excellent night-time visibility for reliable, stress-free driving. The BladeScan system helps to dramatically enhance visibility at night, providing excellent visibility with a broad natural illumination range in high beam, to help support early recognition of pedestrians and road signs.

The distinctive L-shaped rear combination lights blend harmonious form, heightened by the use of Piano Black trim, with advanced functionality. The sequential turn signal lights illuminate in a sharp, well-defined flow that intuitively communicates the turning direction to following vehicles. Aero stabilising fins integrated into the design contribute to excellent handling stability. All lights, including on the boot lid, use LEDs.

The curvature of the mirror was optimised to enhance rear visibility in a compact size. 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.

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

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

The LS's refined packaging realises both a beautiful silhouette and ample luggage capacity, with space to accommodate four golf bags. In hybrid models the battery is located behind the rear seats, creating 430 litres of luggage space.





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INTERIOR DESIGN

The 28-way power front seats combine motors and a pneumatic system to allow fine-tuned adjustment of the seat to support every part of the body. Optimising support for different physiques to provide a feeling of unity with the car, the shoulder, hip and cushion side support contribute to stable body positioning during braking and cornering. Frequently used functions such as slide and recline, together with headrest up and down, are controlled using switches located on the side of the seats. Adjustment of both seats can be fine-tuned using the EMV display. The driver also has independent control of the front passenger seat to adjust the seat for the comfort of rear seat passengers. 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.

The front seats feature auto slide-away and return functions, together with auto lift-up function (Driver's seat only) and cushion side-away function. 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.

18-way power rear seats. The power rear seats use motors and a pneumatic system that inflates and deflates air bladders to make fine-grained adjustments to every aspect of the seats. The rear seats have a maximum 989mm of foot room.

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

The 12.3-inch EMV touch display supports intuitive control of the navigation, audio and other systems by directly touching the screen like a smartphone, or using the Remote Touch pad integrated in the centre console. The display is carefully positioned for fingertip operation while maintaining a forward line of sight and driving posture. It is Apple CarPlay® and Android Auto™ compatible for easy interaction with smartphone supported Apps.

The multi-operation panel display inset in the rear centre armrest puts intuitive control of the audio, air-conditioning, seat adjustments, sunshades and lighting at rear passengers' fingertips. An intuitive graphic interface that groups frequently used functions enhances easy operation.

Since 1972, Mark Levinson has been dedicated to uncompromising audio fidelity as the audio reference standard. The LS's 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.

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.

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.





LS

PERFORMANCE



The relentless pursuit of perfection to create a superior driving experience honed the LS's outstanding response and power, contributing to an emotional performance that heightens driving enjoyment when you choose to drive. Together with the refined and luxurious ride comfort essential to a Lexus flagship often enjoyed as a chauffeur car.

The LS takes advantage of the front engine, rear wheel drive 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.

LS 500 is powered by a 3.5-litre V6 twin turbocharged engine. This advanced powerplant combines powerful exhilarating acceleration generated by the flat torque characteristics of twin turbochargers, with quiet operation befitting the Lexus flagship. The twin turbochargers provide high turbo boost even at low engine speeds, optimising torque while reducing fuel consumption.

The LS 500h V6 engine integrates advanced technologies that include VVT-iW and D-4S fuel injection system to generate both powerful driving and outstanding environmental performance. The Multi-Stage Hybrid System's 10-speed shift control optimises the hybrid system's characteristics to provide exceptional driving performance, with a direct and continuous acceleration feel that matches the increase in engine rpms, together with excellent shifting rhythm.

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 center of gravity, hood, boot lid, fenders, doors and suspension towers, endowing the body with excellent turning characteristics.

To realise high-quality driving and ride comfort befitting the Lexus flagship, the Adaptive Variable Suspension damping force, stabiliser spring rate, and vertical spring of the wheels were fine-tuned to effectively suppress shock and vibration, providing high-quality ride comfort and exceptional quietness, as well as realising excellent steering response and stable vehicle posture.

The 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.

LS 500 SPECIFICATIONS

3.5 | V6 | 310kW | 5.0 | 10-speed

PETROL | TWIN TURBO CHARGED | MAXIMUM POWER | SECS 0-100KM | AUTOMATIC TRANSMISSION

LS 500h SPECIFICATIONS

3.5 | V6 | 264kW | 5.4 | MULTI STAGE

PETROL HYBRID ELECTRIC | NATURALLY ASPIRATED ENGINE | TOTAL COMBINED POWER | SECS 0-100KM | HYBRID TRANSMISSION

LS

SAFETY

LEXUS SAFETY SYSTEM + incorporates the following technologies:

Pre-Collision System with Pedestrian Alert determines a collision with a pedestrian in front of the vehicle is possible. Pedestrian Alert helps the driver intuitively recognise the hazard by displaying an animated warning indicating the direction in which the pedestrian is present in the large colour head-up display.

Pre-Collision System with Active Steering Assist. When the millimeter-wave radar and stereo camera sensors detect a pedestrian or a continuous obstacle such as a guardrail in the vehicle's lane, and determine that a collision is likely and cannot be avoided by braking control with pre-collision braking only, but could be avoided with steering control, it will augment the display warnings and braking control by activating Active Steering Assist to automatically control steering to help avoid a collision or mitigate the impact force.

If the Front Cross Traffic Alert detects a vehicle approaching from the front left or right when entering an intersection, it will attract the driver's attention with an animated warning in the large colour head-up display showing the direction the vehicle is approaching from. If the driver continues to proceed despite the approaching vehicle, it will further prompt the driver with a buzzer and warnings on the display. This system also works in conjunction with the Panoramic View Monitor on the 12.3" EMV touch display.

When Lane Tracing Assist is activated it supports operations to change lanes, including steering, acceleration and deceleration, and monitoring vehicles in the target lane.

When Lane Tracing Assist is activated, it alerts the driver of possible lane or road deviations and helps assist steering to avoid them. In addition, while driving with Dynamic Radar Cruise Control (with full speed range) activated, it helps assist steering to keep the vehicle in the lane.

In addition to maintaining a constant speed, Dynamic Radar Cruise Control uses radar and camera sensors to detect a vehicle driving ahead and maintain an appropriate distance between vehicles. When approaching and driving through a curve, a Curve Speed Reduction Function decelerates the vehicle, reducing the need to cancel Dynamic Radar Cruise Control operation, enhancing the driver's convenience.

To help support safe driving, Road Sign Assist detects key road signs such as speed limit signs, and displays them on the multi-information display. In the event the driver exceeds the speed limit, RSA provides a visual notification.

The BladeScan Adaptive High-beam System provides a broad field of high-beam illumination with natural light distribution to enhance the visibility of road shoulders and other more distant areas, supporting early driver recognition of pedestrians and road signs without dazzling the drivers of oncoming or preceding vehicles.

The Blind Spot Monitor System is activated when vehicles are detected 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.

Parking Support Alert detects stationary objects such as walls in the direction of travel, as well as vehicles and pedestrians approaching from behind while reversing. In the event that a collision may be likely the driver is alerted on the display, with a buzzer and Rear Cross Traffic Auto Brake will be applied.

The large colour head-up display projects information on to the large 24" display. The screen provides cautions and warnings, driving support, road signs, vehicle speed, navigation and other information.

A Panoramic View Monitor provides the driver with a bird's-eye view of the vehicle on the 12.3" EMV touch display in real time helps the driver to check conditions around the vehicle that are difficult to see.

The rear-view mirror can be switched from optical to digital mode that brings a wider field of view. The mirror displays high-resolution, real-time images from the reversing camera.

The LS features a 12-airbag system. Dual-stage and knee airbags for the front seats, side airbags for front and outer rear seats, full length curtain shield airbags and seat cushion airbags for the outer rear seats.

To realise the deep peace of mind appropriate for the Lexus flagship, the LS integrates advanced active and passive safety technologies that offer leading levels of driving assistance and margins of safe driving performance, providing the freedom to drive confidently, comfortably and safely.



LS

EXTERIOR COLOURS



Sonic Quartz | 085



Sonic Iridium | 1L2



Titanium | 1J7



Sonic Aluminium | 1L3



Manganese Lustre | 1K2



Graphite Black | 223



Onyx | 212



Deep Blue | 8X5



Scarlet Crimson | 3U3



Burgundy | 3R1

SOME IMAGES AND CONTENT IN THIS BROCHURE HAVE BEEN SOURCED GLOBALLY AND MAY DIFFER FROM NEW ZEALAND SPECIFICATION.

INTERIOR TRIM



Black | 24 | Organic Art Wood



Chateau | 13 | Herringbone Art Wood



Hazel | 44 | Organic Art Wood

MAIN FEATURES LS 500 / LS 500h

	LS 500	LS 500h	
EXTERIOR	LED 3-eye projector-type headlights; automatic levelling system; BladeScan Adaptive High-beam System; LED Daytime Running Lights; LED sequential indicators; auto lights off system; flush mounted headlight cleaners	•	•
	Tinted acoustic windshield glass; front door water repellent tinted acoustic glass; tinted acoustic side glass; tinted rear glass; all door glass with UV reduction; rain sensing windscreen wipers with direct spray arm washers	•	•
	Automatic dimming heated exterior mirrors with LED side turn signal light; automatic power fold and reverse tilt	•	•
	Handsfree kick-type power boot lid	•	•
	20" premium cast alloy wheels	•	•
Outer slide sunroof	•	•	
INTERIOR	Semi-aniline leather accented seats with quilting; driver & front passenger 28-way power adjustable seats with variable cushion length, lumbar support, seat heaters with ventilation, 3-way memory; power headrests; driver & front passenger seat massaging 18-way power adjustable outer rear seats with lumbar support, seat heaters with ventilation; 2-way memory; power outer seat headrests; TFT touchscreen rear seat control panel for air conditioning, audio, rear seat heater, reclining and sunshade functions	•	•
	Suede lining for roof & pillar trim	•	•
	Centre console box with 2-way opening lid; overhead sunglass holder; front & rear vanity mirrors and lights; front console cupholders	•	•
	Four zone air conditioning system with Lexus Climate Concierge. Independent temperature controls for driver, front passenger and rear seat; clean air filter with pollen and odour removal, nanoe™X air purifying system; rear control panel; windshield humidity sensor for fog prevention	•	•
	All one-touch power windows with power sunshades for rear side, rear quarter & rear windows	•	•
OPERATION	Smart key entry system and push button start, card key	•	•
	3-ring meter including 8" colour TFT central meter displaying digital speedometer, tachometer, time, shift position, outside temperature, odometer. Hybrid system indicator (LS 500h)	•	•
	600mm x 150mm Head-Up Display with position memory. Displays speedometer, tachometer, shift position, hybrid system indicator (LS 500h), navigation, driving assist, audio, compass	•	•
	3-spoke leather steering wheel with controls for audio, phone, voice, Multi-Information Display; wood ornamentation with heater. Power tilt and telescopic steering column	•	•
2 x USB ports front console; 2 x USB ports rear armrest (charging only). 12V 120W power outlets: 1 x front cupholder, 1 x centre console box, 1 x rear console box	•	•	
AUDIO & NAVI	Mark Levinson Reference audio system with 12.3" wide touch display, AM/FM radio, in-dash single disc DVD player, 23 speakers, Clari-Fi music restoration technology, Apple CarPlay® and Android™ Auto, voice recognition, Bluetooth function with hands-free calling and music streaming; 2 x USB ports & 1 x 3.5mm audio jack (centre console). Sharkfin roof antenna	•	•
	Remote touch interface, Lexus navigation system with SUNA traffic avoidance system (traffic information only available in some regions)	•	•
SAFETY & SECURITY	Lexus Safety System+: Pre-Collision System with Autonomous Emergency Braking for vehicles, pedestrians and cyclists, all-speed Dynamic Radar Cruise Control with Curve Speed Reduction, Lane Tracing Assist with centering function, Intersection Turn Assistance and Emergency Steering Assist; BladeScan Adaptive High-beam System; Road Sign Assist	•	•
	12 airbags: Driver and front passenger front, driver and front passenger knee, front seats side, rear seats side, rear cushion and front and rear curtain shield airbags	•	•
	Anti-lock Brake System, Electronic Brake force Distribution, Brake Assist system, Secondary Collision Brake, Active Cornering Assist	•	•
	Vehicle Stability Control, Traction Control System, Hill-start Assist Control •	•	•
	Blind Spot Monitor System; Rear Cross Traffic Auto Braking	•	•
	Panoramic view monitor with dynamic guidelines shown on 12.3" display in audio unit	•	•
	Parking Support Brake with Intelligent Clearance Sonar, Rear Cross Traffic Auto Brake, 4 x front and rear parking assist-sensors	•	•
	3-point ELR seatbelts on all seats with pretensioners and force limiters for front and outer rear seats	•	•
	2 x ISOFIX compliant child seat anchor points on outer rear seats and 3 x tether anchors; Rear seat reminder system	•	•
	Alarm system with horn and siren, ultrasonic glass-break; immobiliser	•	•
Tyre pressure warning system	•	•	

SPECIFICATIONS LS 500 / LS 500h

DIMENSIONS & WEIGHT

Overall length:	5235mm
Overall width:	1900mm
Overall height:	1450mm
Wheelbase:	3125mm
Track:	Front - 1630mm; Rear 1635mm
Kerb weight:	2235kg LS 500; 2295kg LS 500h
Gross vehicle weight:	2670kg LS 500; 2725kg LS 500h
Towing capacity:	Not rated
Luggage capacity:	480 litres LS 500; 430 litres LS 500h

CHASSIS

Suspension:	Front & rear - Multi-link air suspension, front & rear stabiliser bar; pitch & bounce control; Adaptive variable suspension; Access mode control for entry & exit
Steering system:	Electronic Power Steering
Brakes:	Front & rear - ventilated discs; Electronic Parking Brake
Minimum turning circle:	11.4m (tyre); 29 turns lock-to-lock
Fuel tank capacity:	82 litres
Tyres:	245/45R20 99Y
Spare wheel:	Run flat tyres

ENGINE: LS 500

Type:	3.5-litre, V6-cylinder Quad Cam 24-valve (V35AFTS)
Piston displacement:	3445cc
Maximum power:	310kW @ 6,000rpm
Maximum torque:	600Nm @ 1,600-4,800rpm
Fuel system:	Sequential multi-port Fuel Injection (recommended RON 95 or higher)
Fuel consumption:	10.0L/100km* (combined)
CO ₂ emissions:	227g/km* (combined)
Transmission:	10-speed Direct Shift automatic transmission with ECO, Comfort, Custom, Normal, Sport S, Sports S+ modes

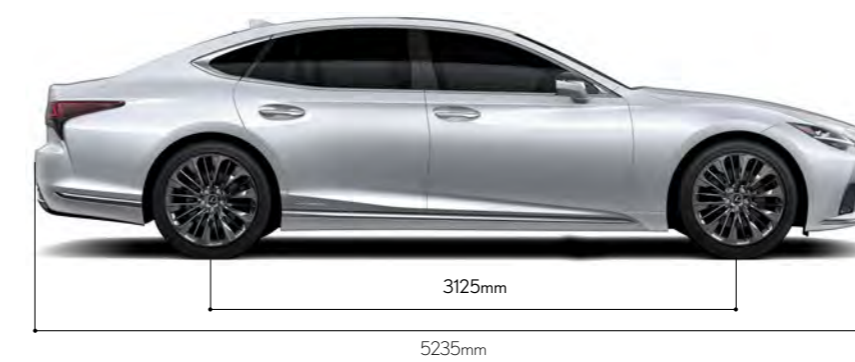
ENGINE: LS 500h

Type:	3.5-litre, V6-cylinder Quad Cam 24-valve (8GR-FXS)
Piston displacement:	3456cc
Maximum power:	220kW @ 6,600rpm
Fuel system:	Sequential multi-port Fuel Injection (recommended RON 95 or higher)
Fuel consumption:	6.6L/100km* (combined)
CO ₂ emissions:	150g/km* (combined)
Motor:	Lexus Hybrid Drive
Hybrid battery type:	Lithium Ion
Total system output:	264kW (Petrol Engine + Lexus Hybrid Drive)
Transmission:	Multi-stage Hybrid transmission with M mode with ECO, Comfort, Custom, Normal, Sport S, Sports S+ and EV modes

*Fuel consumption (combined ADR 81/02), CO₂ emissions (combined ADR 79/04)



20" alloy wheels | LS 500 / LS 500h



LS

LEXUS TAKUMI



OVERSEAS MODEL SHOWN

Every Lexus is based on an uncompromising approach to creating premium automobiles. Inspired by our 'Yet' philosophy, we seek innovation in every facet of engineering through a sophisticated fusion of seemingly incompatible ideas such as 'high performance and high fuel efficiency'.

In addition, unique Lexus styling is born of our L-finesse design language, a fine balance of 'leading-edge' and 'finesse', so that every Lexus is not only captivating and luxurious, but also highly refined. Finally, every new Lexus model is also measured against a set of internal standards covering design, performance, and specifications and equipment to confirm it is distinctive and worthy of the Lexus emblem.

This pursuit of perfection is evident at every stage of the manufacturing process. Every Lexus vehicle is created with a masterful skill and attention to detail inspired by both traditional artisanship and state-of-the-art engineering. For example, at the Tahara plant in Japan, precision components made using leading-edge digital technology are assembled and finished by master craftsmen called Takumi, whose technical expertise and sure senses are honed by decades of rigorous experience.



LS

LEXUS CARE

Lexus Warranty

An important part of the peace of mind that comes with owning a Lexus is the built-in warranty on your vehicle. Each new Lexus vehicle comes with a four-year unlimited kilometre warranty, supplemented by a six-year Corrosion Perforation Warranty. This warranty is offered to the first owner and subsequent owners within this four year period.

Lexus Service Plan

The Lexus Full Maintenance Service Plan that accompanies every new Lexus covers all parts and labour costs associated with the Lexus recommended service schedule for a period of four years with unlimited kilometres from the date of first registration. It combines an exacting standard of maintenance with a high level of customer convenience and ensures your Lexus is serviced, as it should be, by specially trained Lexus technicians.

Lexus On Call

With Lexus On Call we've made sure the service that makes Lexus unique will always be as close as your phone or computer. This way, you can summon assistance whenever required. In the event of an emergency or breakdown we like to take special care of you and your Lexus. Your comments are also important to us, so you're most welcome to contact us anytime and talk to us about your Lexus experience.

Lexus Plus

We know that a helping hand can be invaluable in an emergency. Lexus Plus, in conjunction with the New Zealand Automobile Association (AA), provides a special nationwide emergency service for Lexus owners. The Lexus Plus programme provides extended protection against the possibility of being stranded away from home because of a vehicle breakdown. It gives you constant access to immediate help 24 hours a day, seven days a week.

Lexus Plus offers a range of services whether you require roadside assistance to recover your vehicle or alternative transport home.

Lexus will also arrange any accommodation and rental car requirements that may arise if breakdown repairs cannot be completed on the day of the emergency (conditions apply).

Lexus Financial Services

There is an extensive range of tailored finance solutions available through your Lexus dealer designed to make acquiring a Lexus as effortless as driving one. Whether you require a fleet or personal finance plan, there are a wide range of options for leasing or purchasing a vehicle to suit your individual needs.

* Four-year Warranty is made up of three-year New Vehicle Warranty and one-year Lexus Care Warranty.



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THE IMAGES AND CONTENT IN THIS BROCHURE HAVE BEEN SOURCED GLOBALLY AND MAY DIFFER FROM NEW ZEALAND SPECIFICATION.

*Fuel consumption and CO₂ emissions will vary depending on driving conditions/style, vehicle condition and options/accessories fitted. Fuel consumption (combined ADR81/02), CO₂ emissions (combined ADR79/04).

Every endeavour has been made to ensure text details and specifications contained in this publication were accurate as at 25 January, 2022.

Lexus New Zealand reserves the right to introduce any changes deemed necessary to improve the models shown or for any other reason at any time. Paint, upholstery and interior trim colours shown in this brochure may differ from actual colours due to variations in printing processes. Some models shown in this brochure may have optional accessories fitted.

For further information contact your nearest Authorised Lexus Dealer. They will be happy to assist. Production effective November 2021.

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For more detail visit:

lexus.co.nz | 0800 4 LEXUS

