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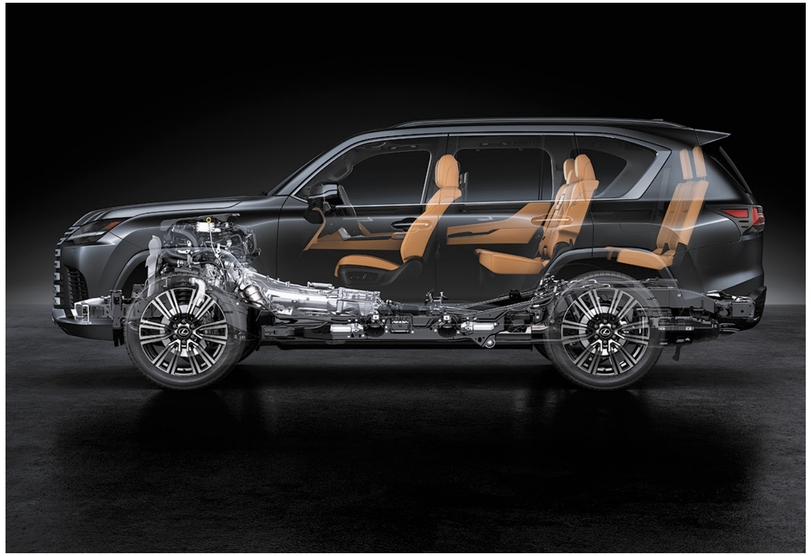
Driving Signature _____ LEXUS LX



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Redefining the LX's basic characteristics with the GA-F platform and 200kg weight reduction

To provide drivers with a 'relaxed and high-quality driving experience on various roads around the world', we comprehensively reviewed basic vehicle characteristics to support the evolution of driving, while retaining the traditional body-on-frame structure. Adopting the GA-F platform and reviewing the entire vehicle from the ground up, produced a dramatic enhancement in driving performance by renewing basic characteristics, including a low center of gravity, significant weight reduction, and enhanced body rigidity.



Suspension that realizes both excellent driving performance and handling stability on various roads

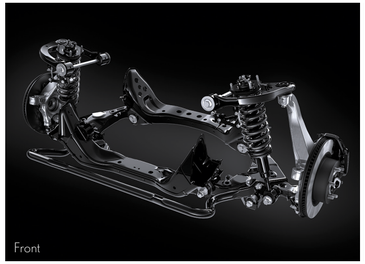
The suspension delivers high-quality ride comfort, stable vehicle posture when braking, and exceptional vehicle stability that absorbs shocks and vibrations from the road surface. In off-road driving, outstanding wheel articulation (a characteristic describing the tires' resistance to float) helps keep the tires in contact with the road surface in various conditions such as moguls where the tire tends to float, enhancing driving performance by transmitting drive power to the road surface.

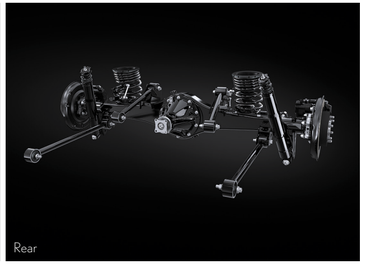
High-mount double wishbone front suspension system

The suspension geometry and spring constant of the coil springs were optimized, resulting in both excellent vehicle stability and ride comfort. The suspension stroke, an important factor in off-road driving performance, has sufficiently long compression and rebound to achieve excellent road-holding and rough-road driving performance.

Trailing-link rigid-axle rear suspension system

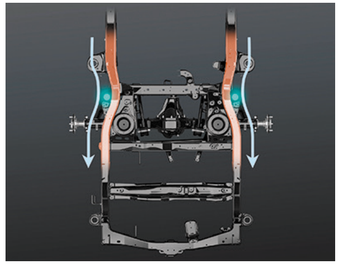
The highly-reliable axle-type system was inherited from LX DNA. Fine-tuning of the suspension arm, shock absorber placement and characteristics enhances control of axle movements, contributing to both excellent vehicle stability and ride comfort. The ample rebound stroke helps provide excellent road-holding performance.


Front


Rear

Rear shock absorbers

The frame was shaped so the rear shock absorbers are positioned to the outside, and the mounting angle of the shock absorbers aligned with the axle movement angle to more easily track the vertical movements of the tires, enhancing the damping effect to better absorb shocks and vibrations and provide excellent vehicle stability.

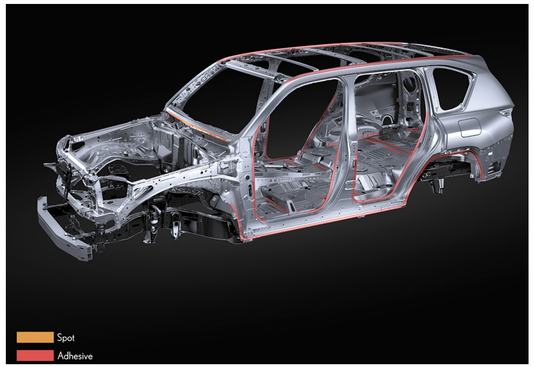


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The high-rigidity body and frame enhance response and ride comfort to create premium driving performance

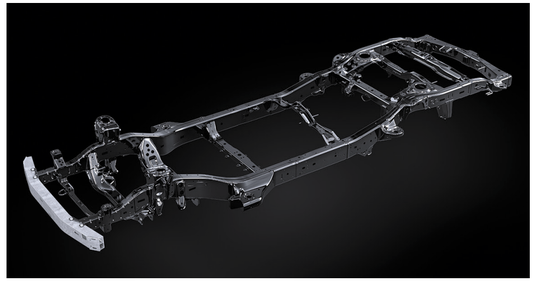
High-rigidity body

Based on computer analysis of body deformation behavior in response to steering inputs, torsional deformation was suppressed by increasing the number of spot weld points and optimizing the placement of structural adhesives around the door openings and on the floor to realize superior body rigidity. This not only enhances off-road performance, but also steering responsiveness and feedback, rear grip feel and the excellent ride comfort, contributing to premium ride comfort befitting a Lexus. In addition, stability-enhancing braces between the body and the radiator support contribute to the excellent steering feel.



High-rigidity frame

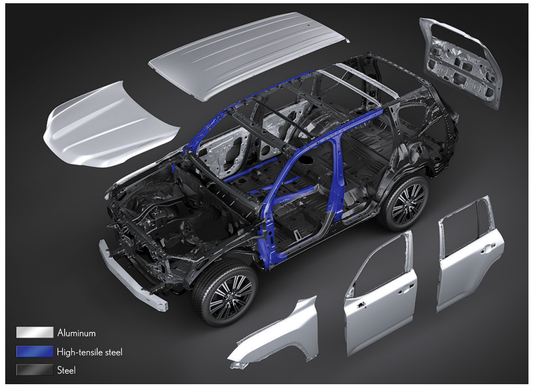
Outstanding robustness is built in to significantly reduce damage to the cabin space and important components for driving such as the engine and fuel tank. The cross-sectional characteristics of the side rails in areas subject to stress when driving on rough roads were optimized, and nine crossmembers optimally positioned to balance strength, rigidity, and collision safety performance against inputs from the road surface. In addition, steel plates up to 5mm thick and high-tensile steel plates were optimally positioned to minimize the impact of shocks on the vehicle body, reducing the impact on handling stability and ride comfort, even when driving on rough roads. Mounting the body on the frame-based structure using cab mount cushion construction provides outstanding ride comfort and NV performance on rough roads, as well as excellent handling stability. It also means that even if the body is damaged during off-road driving, the frame which supports basic driving performance is less likely to be affected, contributing to occupant safety and helping the vehicle get to its destination.



Body & frame: Innovative lightness made possible by lightweight materials and technology

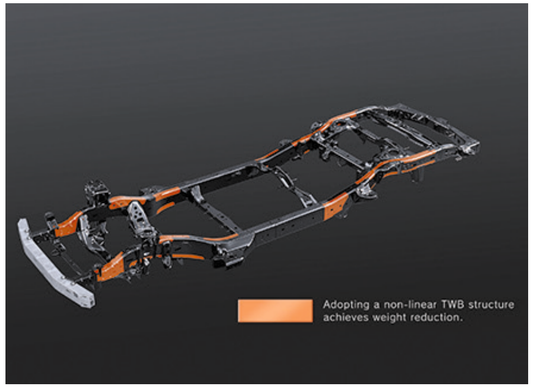
Lightweight body

The use of high-tensile steel sheet has been expanded and lightweight aluminum alloy materials used for the hood, roof and all door panels that affect the vehicle's inertia moment because they are higher or farther from the center of gravity. The result is a lightweight, high-strength body with low center of gravity, that realizes smooth, natural vehicle behavior while turning, accelerating, and braking, as well as excellent handling stability.



Lightweight frame

Using the TWB (curved Tailor Welded Blank) process, in which steel members of different thickness are joined by laser welding and then press-formed, realized weight reductions while maintaining strength and rigidity. TWB is used in strategic areas that help contribute to the strength and rigidity of side rails and crossmembers, and collision safety performance.



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V6 twin-turbo engine: realizing smooth, linear acceleration

3.5-liter V6 twin-turbo engine

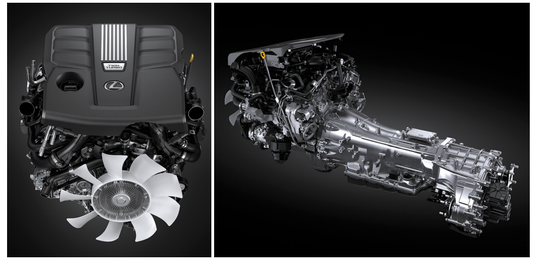
The 3.5-liter V6 twin-turbo gasoline engine delivers maximum output of 305kW (415PS) and maximum torque of 650Nm. D-4ST (Direct injection 4 stroke gasoline engine Superior version with Turbo) with multi-hole direct-injection injectors, together with a long stroke, high-speed-combustion made possible by optimizing the valve pinching angle, and high-efficiency twin turbochargers, produces powerful low-speed torque and excellent boost response. The highly-efficiency twin turbocharger offers wide and flat torque characteristics that delivers boost from low speed, realizing strong and easily-controllable power for both on-road and off-road driving. Lubricating components such as the oil pan and oil strainer were optimally designed to maintain oil supply performance up and down slopes and up to 45 degrees of right and left body tilt, providing a reliable oil supply on uphill/downhill slopes and rocky roads. In addition, the adoption of bearings and oil seals with high waterproof and dustproof performance anticipates typical SUV use in water-fording and dusty environments.

3.3-liter V6 diesel engine

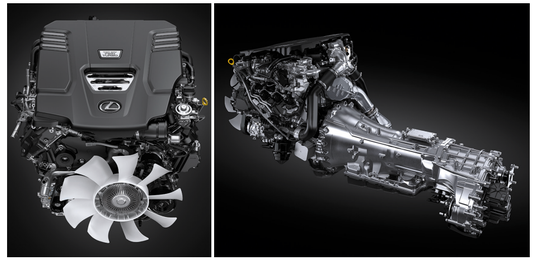
The 3.3-liter two-way, twin turbo diesel engine is a dedicated design with optimal tuning of the components for driving in tough off-road conditions. A two-way turbo system generates excellent turbocharging performance in various situations by switching to single turbo mode to provide powerful acceleration in the low speed range, and twin-turbo mode to provide continuous acceleration in the high speed range. Low flow combustion technology contributes to both powerful driving and environmental performance.

Direct Shift-10AT

To realize a more direct response, lockup is activated in almost all speed ranges except when starting. By adopting a 10-speed transmission, the gear steps have been crossed and the overall gear ratios widened to produce a cadenced and comfortable driving rhythm, as well as enhanced high-speed fuel economy, starting acceleration and off-road performance. In addition, both the gasoline and diesel engines feature optimized drive force characteristics and gear shift timing. The gasoline engine provides a pleasant acceleration feeling that draws out the extended torque characteristics up to the high rpm range, while the diesel engine utilizes the torque characteristics that rise from the low rpm range to provide powerful acceleration that matches the driver's intentions.



3.5-liter V6 twin-turbo engine



3.3-liter V6 diesel engine

AHC (Active Height Control) supports driving with peace of mind on various roads, and AVS (Adaptive Variable Suspension) contributes to a quality ride

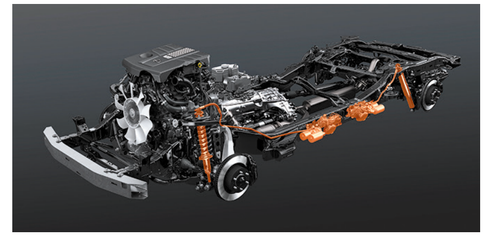
AHC

In response to the driving environment, AHC automatically adjusts the optimal vehicle height based on drive mode select, Multi-terrain Select, and transfer selection status to one of four height positions—Normal, High 1, High 2, and Low, for getting into or out of the vehicle. AHC also responds to changes in vehicle posture such as the amount of pitch and roll, and optimizes the spring rate to stabilize vehicle posture during turning, acceleration, and deceleration when braking. When easy access mode is enabled, it also automatically lowers the vehicle height for easy ingress and egress, and raises the ride height when starting off. In off-road driving, the suspension automatically selects High 1 or High 2 in line with the road environment, in coordination with the transfer gear selection in the L4 range or mode selected in Multi-terrain Select, and automatically adjusts the vehicle height to the optimum level according to the vehicle's speed to avoid contact with the road surface and enhance handling stability. The vehicle height status is displayed on the meter and 7-inch touch display for easy confirmation.



AVS

AVS features a linear solenoid valve system that realizes excellent damping force switching response, contributing to smooth, fine-grained control on different road surfaces and driving conditions. Damping force is set low to provide excellent ride comfort when driving over bumpy city roads, and increases to give a flat stable ride when turning. Also, the damping force changes with the drive mode selected, contributing to driving in line with the driver's preference.



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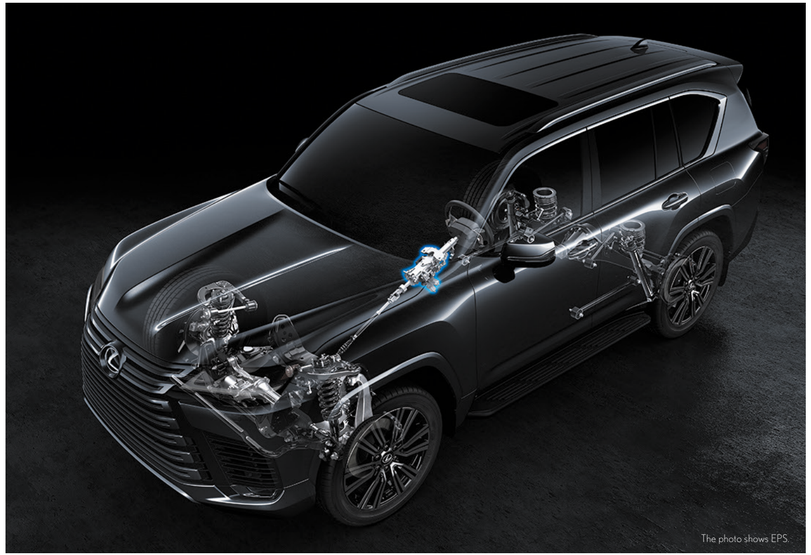
EPS (Electric Power Steering) contributes to driving faithful to the driver's intention, and ECB (Electronically Controlled Brakes) help enhance safety and security

EPS

With EPS, the LX responds linearly from the start of steering operation. At low speeds, such as off-road driving, the light steering feel contributes to reducing the burden on the driver. At high speeds, a moderate steering force in line with the vehicle's speed provides a driving experience faithful to the driver's intentions, and a responsive steering feel that is distinctively Lexus.

ECB system

A sensor detects the degree the brake pedal is depressed and produces the optimum braking force, providing more linear braking characteristics. When Multi-terrain Select is activated during off-road driving, it provides excellent driving stability through fine-grained brake control of slipping or spinning wheels, giving the driver a feeling of security. The slotted fin-type front ventilated discs have excellent heat-dissipating characteristics, for fade-resistant, stable braking.



The photo shows EPS.

Multi-terrain Select: Delivering driving performance to best suit current road conditions

Multi-terrain Select allows the driver to choose from six driving assist modes according to road conditions during off-road driving. The system has evolved to support off-road driving from extremely low-speed driving on rocky roads to high-speed driving on unpaved roads by extending the operating range from the conventional low transfer range (L4) to include the high range (H4). Integrated control of brakes, driving force, and the suspension allows the system to deliver rough-road driving performance according to road conditions. AUTO mode uses information from various sensors to estimate the road conditions while driving and automatically select the optimal mode. This enables the driver to obtain the best driving performance for each driving situation without having to switch modes.





AUTO L4 H4



DIRT L4 H4



SAND L4 H4



MUD L4 H4



DEEP SNOW L4 H4



ROCK L4 H4

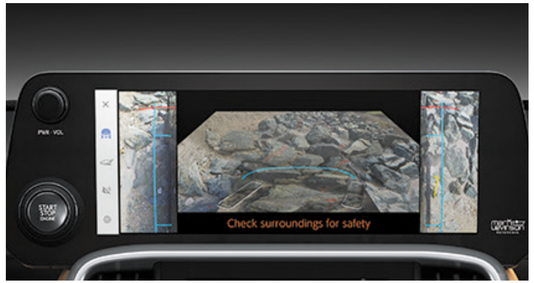
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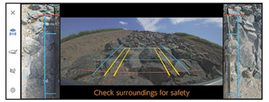
Multi-terrain Monitor contributes to peace of mind in off-road driving

Multi-terrain Monitor

The system supports the driver by using four cameras to show conditions around the vehicle. Images from the front, left, right, and rear cameras can be selected using a camera switch and viewed full-screen on the 12.3-inch touch display, allowing the driver to check road conditions around the vehicle which are often in blind spots. By composing camera images that match the vehicle's height while driving off-road, it provides the driver with a clearer picture of the surrounding environment and peace of mind.



Underfloor View & Both-sides View



Front View & Both-sides View



Wide Back View & Both-sides View

Underfloor View (Rear wheels) & Both-sides View/Underfloor View (Rear wheels) (Enlarged)

Images of the foreground taken in advance are provided to the driver as transparent-underfloor images. By superimposing the vehicle and wheel position over this image, the driver can check underfloor conditions and rear-wheel position. In addition, the vehicle is made transparent, and an image showing the area around the rear wheels enlarged, enabling the driver to ascertain conditions around the rear wheels and estimate distances to obstacles when trying to free the vehicle from a stuck position or exit a dead end.



Underfloor View (Rear wheels) & Both-sides View



Underfloor View (Rear wheels) (Enlarged)

Back Underfloor View & Both-sides View/Back Underfloor View (Enlarged)

It displays the area around the rear wheels by simulating the vehicle through a composite of images taken while the vehicle was reversing, helping the driver to understand the position of obstacles behind the vehicle and to check the rear wheels and road surface, supporting driving performance on woodland roads, moguls, and rocky roads.



Back Underfloor View & Both-sides View



Back Underfloor View (Enlarged)

Crawl Control for extremely low speed driving, and Downhill Assist Control for stable descent of steep hills

Crawl Control

When driving in rough off-road conditions or on slippery roads, Crawl Control enables driving at extremely low speeds by allowing the driver to simply steer without operating the accelerator and brake pedals. As it suppresses wheel spin and wheel lock, it offers excellent ability to free the vehicle when stuck while minimizing the load on the drivetrain. Vehicle speed can be selected from five options based on the conditions. If the driver operates the accelerator while Crawl Control is active, the system will not interfere with the accelerator operation, providing seamless drive force and brake control. This allows the driver to operate the accelerator pedal when they want to accelerate, contributing to stress-free off-road driving. In addition, when approaching and driving through tight turns, a Turn Assist function controls brake force on the inside rear wheel to enhance turning performance.

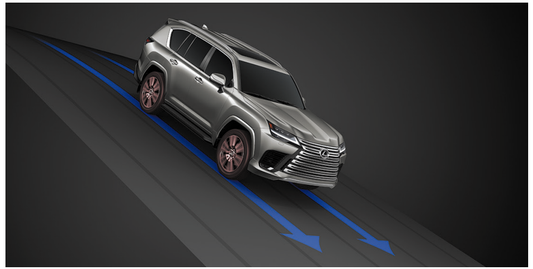


Downhill Assist Control

When descending steep hills where engine braking alone is not sufficient to slow the vehicle, at the flick of a switch the system automatically controls the brakes on all four wheels to support stable descent without locking the wheels. Because it maintains the selected vehicle speed, the driver can concentrate on steering without worrying about using the brake or the accelerator.

*Operates while descending a hill at speeds of 4–30km/h or less in H4 high range transfer gear.





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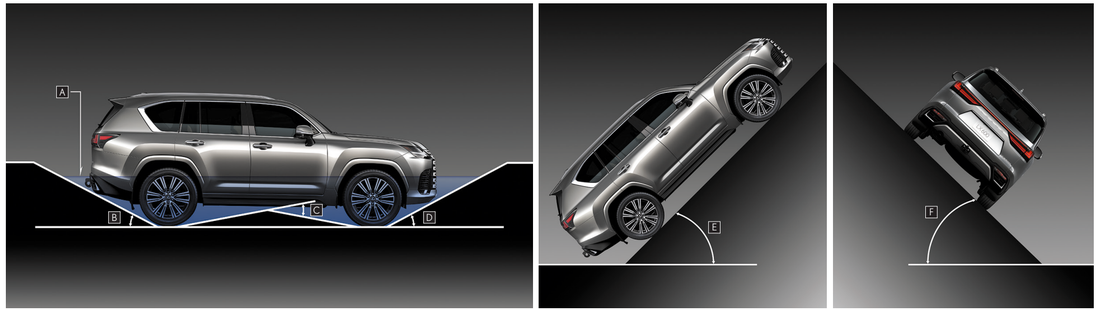
Inheriting the LX's core DNA wheelbase and ground clearance angle

Ground clearance angle

The LX inherits the outstanding dimensions of an authentic off-roader used in successive generations, including a 2,850mm wheelbase which provides both high-level performance on rough terrain and a spacious interior. The ground clearance angle delivers exceptional rough road drivability, even over rough terrain with harsh undulations or fallen trees. Thanks to the ability to ford water up to 700mm deep, it also handles roads flooded by heavy rain.

A. Fording depth (High 1 and 2: 700mm)
B. Departure angle (Normal: 21.7°/High 2: 24.9°–26.3°)
C. Ramp breakover angle (Normal: 21.3°/High 2: 25.9°–28°)
D. Approach angle (Normal: 22.6°/High 2: 25.9°–27.4°)
E. Maximum safe angle (45°)
F. Vehicle turnover limit angle (44°)

*Figures are for the LX600 and LX500d equipped with 22-inch wheels.



Refined wheels, honed aerodynamic functionality and deep quietness in the cabin for exhilarating on-road driving

Aerodynamics

A range of features to regulate airflow over, around and under the body, enhance aerodynamic performance and contribute to the excellent fuel economy and handling stability. They include front spats, front fender liners, aero stabilizing fins on the door frame covers and rear combination lamps, and shaping of the inner rear mudguard. In addition, shutters in the upper grille open and close automatically to enhance both aerodynamic and engine cooling performance. While warming up and driving, when the airflow required for cooling the engine is excessive, the shutters close to optimize the amount of air flowing into the grille.





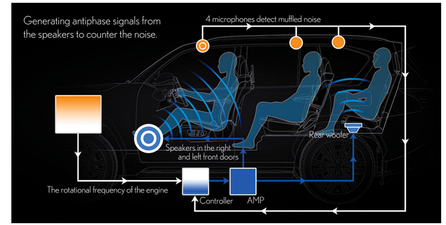


Tires

Tires for all wheel sizes (20-inch and 22-inch) optimize rolling resistance and reduce unsprung weight, contributing to fuel efficiency. The tread patterns and structure were also optimized to deliver exceptional ride comfort and quietness, as well as excellent handling stability and braking performance on both dry and wet surfaces.

ANC (Active Noise Control)/ESE (Engine Sound Enhancement)

ANC enhances fuel economy by expanding the high-torque range of the twin-turbo engine, while reducing engine and intake/exhaust booming noises that occur as a result. Audio speakers in the cabin output sound waves designed to suppress booming noise, keeping the interior quiet. In addition, ESE produces a lively engine note in response to accelerator operation and torque, creating a highly realistic feeling of acceleration using the audio speakers.



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LEXUS Electrified _____ LEXUS LX



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An HEV (Hybrid Electric Vehicle) capable of tackling the rigors of off-road adventures

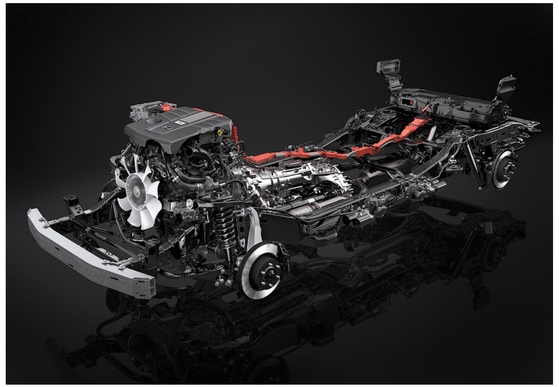
LX HEV concept

We are very pleased that the LX, which was fully remodeled in 2021 based on the concept of "ease and quality on various roads in the world," has been so well received by our customers around the world that supply cannot keep up with demand.
On the other hand, as we aim to realize a carbon-neutral society, it is also true we faced the dilemma of the LX being the only model in the Lexus lineup that didn't have an electric vehicle option. Having been involved with the LX for a long time, as Chief Engineer its electrification for use in harsh environments around the world was a high hurdle that seemed impossible, but it was also a long-held dream.
In developing the LX, the first thing we determined was our strong determination to 'never sacrifice the reliability, durability, and rough road driving performance inherited from previous LX models, even in an electric vehicle'. How can our customers use the LX with peace of mind, how can we bring them home alive, and how can we provide a driving experience befitting Lexus? The development team worked as one to arrive at the answer, developing a new parallel hybrid system and refining the GA-F platform.



Lexus Hybrid System

To create an electric drivetrain that delivers LX 'reliability, durability, and rough road driving performance' including 'full-time 4WD,' 'L4 transfer range,' and 'AT with torque converter,' a parallel hybrid system with a motor and generator with clutch mounted between the V6 3.5L twin-turbo engine and the 10-speed AT was adopted. The high output and torque of the engine and motor are reliably transmitted to the road surface, and the hybrid control system optimally controls switching between engine-only and motor-only driving depending on the situation.
In pursuit of uniquely Lexus 'driving that enables dialogue with the vehicle,' the motor's highly responsive torque characteristics combined with the large-displacement twin-turbo engine provide linear acceleration at low speeds with excellent response from gentle accelerator pedal operation, and powerful, extended acceleration using the ample torque when the accelerator pedal is depressed and at high speeds.
The LX supports off-road driving in both H4 and L4 transfer ranges. When combined with the various Multi-Terrain Select modes, it is possible to drive using only the motor on rocky terrain, dirt roads, and in deep snow etc., where delicate accelerator operation is required.
In addition to L4 transfer range, it is also possible to adjust the vehicle height using the AHC (Active Height Control), and operate TRAC (Traction Control System), supporting driving on rough roads.



GA-F platform

To accommodate the increase in weight and overall length of the powertrain due to the addition of the motor and generator, a third cross member was added to the frame, and the cross section shape and plate thickness optimized to create a thin profile to provide the same ground clearance as engine-powered models. A more durable material was also used for the rear engine mount to accommodate the increased weight.
In addition, to accommodate the hybrid main battery mounted on the rear floor, the spare tire cross section changes and lowers the spare tire position, while the optimized mounting angle maintains the departure angle, providing both rough road drivability and serviceability.
The 12V auxiliary battery was relocated from inside the engine compartment to the side of the rear deck. A dedicated metal tray and removable battery brace facilitate battery replacement and enhance body rigidity around the rear quarter.

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Refining advanced technologies to provide exceptional HEV performance

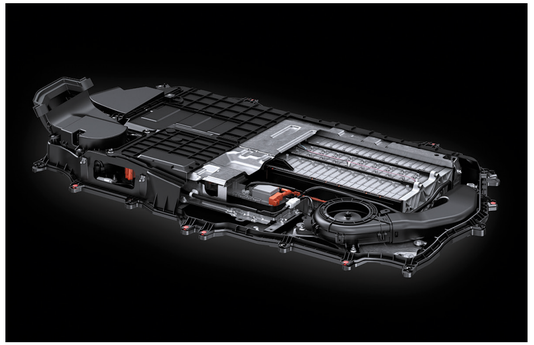
V35A-FTS engine

The wide and flat torque characteristics of the 3.5L V6 twin-turbo engine provide powerful and smooth dynamic performance both on-road and off-road. It was specifically designed for driving befitting a flagship SUV on rocky surfaces, steep gradients, river crossings, and in dusty environments. World-class thermal efficiency contributes to excellent fuel economy and environmental performance. To integrate with the hybrid system, the drive belt was replaced with a flywheel, the moment of inertia optimized to synchronize with the transmission, and the belt layout reduced from two belts to one with the adoption of an electric air conditioning compressor, reducing weight and enhancing NV performance.



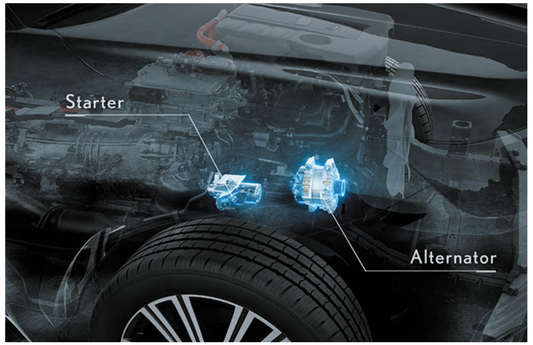
NiMH (nickel-metal hydride) battery

The main hybrid battery mounted on the rear floor is packed in a waterproof tray divided into upper and lower sections to prevent water intrusion in deep water, enabling the same 700mm crossing performance as engine-powered models. If water does get into the waterproof tray, a water detection sensor inside the tray alerts the driver on the meter display.



Alternator electric generation system

Unlike previous Lexus parallel hybrid vehicles, an alternator and starter are standard equipment. In the unlikely event the hybrid system stops, the engine can be started using the starter, and power generated by the alternator supply the 12V auxiliary battery to enable evacuation driving using only the engine.



Shift lever

The adoption of a shift-by-wire mechanism shortens the shift lever stroke, helping to minimize posture changes and eye movement when starting off. The smooth leather of the shift knob and positive feedback feel confirm driver selection, contributing to quick and precise operation during off-road driving.



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Design LEXUS LX



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Fusing the strength of an authentic off-roader with sophisticated style in the city

The starting points for the exterior design were the 2,850mm wheelbase and the ground clearance angle, passed down through successive generations of LX to provide outstanding rough road capability. Inheriting this tradition, we developed a platform that fuses the presence of an authentic off-roader with stylish proportions. The front pillars have been pulled toward the rear to create a cab-backward design, and a stout torso and 22-inch tires, the largest in the Lexus lineup, create a dynamic and smart expression.



The front design projects both style and function

Grille and engine hood

In a bold expression of LX dynamism, the spindle grille has a three-dimensional shape with seven sets of floating bars that create a seamless, frame-free structure. Fine-tuning the thickness of each bar to the millimeter achieves both a stylish look and the high-level cooling performance required by a twin-turbo engine. The side radiator grilles also have large openings for enhanced cooling performance and are shaped to provide a high-level rectifying effect. Together with the concave shaping in the center of the engine hood that further enhances forward visibility to make it easy for the driver to judge vehicle pitch, they realize styling rooted in function.



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Please inquire at your local dealer for details on the availability of features.

The refined rear profile asserts a solid impression

The sides exude a strong sense of unity and mass, with a thick, horizontal torso that starts at the front and runs through to the rear, quarter pillars that narrow from the roof to the back window, and a flow from the underside of the vehicle that runs up from the lower edge of the rocker panels to behind the rear tires. The Lexus name logo on the back symbolizes the next generation of Lexus.

Full LED rear combination lamps (tail, stop, and turn signal lamps)

The L-shaped rear combination lamps flow on a continuous axis from the front to the shoulders and into the rear silhouette, highlighting the sharp, inflected design consistent with the Lexus brand . The rear fog lamp is standard on all grades.





Headlamps that have evolved into three-dimensional clearance lamps

Full LED 3-eye projector headlamps (low- and high-beam)

The combination of thin, compact 3-eye projector LED headlamps and L-shaped DRL (Daytime Running Lamps) exudes power and aggression. The DRL lamps have evolved into a three-dimensional shape, and the inner lenses doubled, with each on a different level to project depth that changes with the viewing angle.

Door mirrors with foot area illumination

Foot area illumination built into the door mirrors projects the Lexus logo onto the ground in a subtle expression of Lexus hospitality.





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A cockpit that creates a deeper dialog with the vehicle

The LX incorporates the Tazuna Concept, a cockpit concept that allows the driver to connect more intuitively with the vehicle and better concentrate on driving. It realizes smooth line-of-sight movement and operation, to produce a deeper dialog between driver and vehicle. It is realized by placing the center of the display within 30 degrees under the driver's line-of-sight for easy viewing while driving, with a smooth line-of-sight that guides the eyes from the road ahead to the head-up display, meter, and 12.3-inch touch display with the navigation screen. Driving switches such as Multi-terrain Select are positioned within easy reach in the center cluster, even when the driver is being pressed into the seatback on a steep uphill slope, with the air conditioning controls and other switches under the 7-inch touch display in a functional layout prioritized by ergonomics. It is also evident in the level top edge of the 12.3-inch touch display, which helps maintain a sense of equilibrium while driving on rough roads.



A passenger seat space designed for posture support and comfort on rough roads

The thickness and angle of the front door grip were carefully designed for easy holding, helping the occupant maintain posture during off-road driving, while simultaneously contributing to the beautiful form that embraces the occupant. In addition, soft pads on the shoulders and lumbar region of the front door trim emphasize protection to provide both comfort and a sense of security for passengers.



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A rear seat space designed for premium comfort and ease of use

Door trim and rear windows

A long, sleek armrest runs front to rear, with soft pads on the shoulders exuding a refined and secure feel. Manual sunshades for the rear windows, together with black ceramic etched on the windows between the sunshade and trim, enhance light-blocking to provide a relaxing space for rear-seat occupants.

Rear of the front center console

The air conditioning registers and control panel feature satin-grain plating that expresses premium quality. The console box which opens on both the left and right sides, has open switches on the driver's and passenger seat sides, as well as the rear-seat side for easy opening and closing from the rear seats.







12.3-inch full LCD meter provides easy recognition at a glance

Meters

Drivers can customize the large LCD meter from a choice of three layouts to display select information such as a tachometer, analog speedometer, or simple digital speedometer, providing the functionality and simplified operation to suit your driving style. All three layouts display the digital speedometer and shift position in the center. In addition, 3 multi-information displays in the center, left and right of the meter can be customized to display frequently-referenced driving information including advanced safety functions, navigation, audio, fuel consumption and more.



Type1



Type2

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A center cluster designed for easy operation

Instrument panel switches

Switches for the Trailer Brake Control, Advanced Park, and AC Main are combined in a switch panel integrated into the outboard side of the instrument panel, for easy operation and access by the driver and from outside the vehicle. The size of the electric fuel switch for opening the fuel tank was optimized and conveniently located below the switch panel.

Fingerprint-authentication push-start switch

The start system has a fingerprint sensor in the center of the push-start switch. When the driver has the Electronic Key and touches the fingerprint sensor while pressing the brake pedal, the fingerprint information is checked against the fingerprint information registered in the vehicle. For enhanced security, the engine will not start unless the fingerprint information matches.*

Center cluster

The controls are arranged for easy recognition, with air conditioning and driving-related controls separated in upper and lower zones. Assorted toggle, push-button, and dial-type switches facilitate intuitive operation while driving, reducing the possibility of the driver pressing the wrong buttons even during off-road driving.

Air conditioning controls

The temperature controls use an intuitive, easy-to-operate toggle movement, while other controls have push-button switches with concave surfaces that naturally fit the hand. The hazard switch has a frame on both sides to help prevent accidental operation due to finger slip during off-road driving.

Driving-related controls

The push-button switches for driving-related controls have a deep cross-section profile to prevent finger slip causing unintended operation while off-road driving, and are large enough for easy operation while wearing gloves. The simple mode select dial is intuitive to use while off-road driving.







*Fingerprint registration may not be available depending on the condition of the fingerprint. If you are unable to use the switch, you can start the engine by putting the Electronic Key close to the switch.

Two highly visible, easy-to-operate displays consolidate display functionality
Touch display: Fingertip access to vehicle status and system controls

Dual display

The instrument panel incorporates dual upper and lower touch displays, to simultaneously show necessary information on each display. For example, during on-road driving, the upper 12.3-inch touch display shows navigation on the full screen while the lower 7-inch touch display shows air conditioning information. During off-road driving, the 12.3-inch touch display shows the Multi-terrain Monitor with road surface and other conditions, while the 7-inch touch display shows driving conditions such as vehicle height, vehicle inclinometer, and acceleration/braking pedal operation. Switches including driving-related functions are integrated in the lower display for easy use while driving.



12.3-inch touch display

In addition to showing navigation and audio information, when off-road driving it displays the Multi-terrain Monitor showing the road surface and other conditions.



7-inch touch display

It displays air conditioning controls, as well as driving-related information including Multi-terrain Select and drive mode select.



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Front seats designed for comfort in harsh environments

The seats feature a three-dimensional shape that combines soft lines with functionality, fusing a wide, open shoulder profile that wraps around the upper back with a lumbar profile that allows easy arm movement while driving. The materials in the cushion pads provide excellent stability and pressure dispersion. Optimal distribution of hardness suppresses sway in the lower back and reduces upper body inclination, contributing to superior hold in low-G force driving.

Seat ventilation

A suction intake system draws air from the air conditioner into the seats, so that cool air flows past occupants' sides to create a pleasant cooling sensation. The system is interlinked with the air conditioner, and features an 'extra high' mode that maximizes output.

Seat heaters

The placement and temperature distribution of the heaters were refined from an ergonomic perspective to effectively warm the shoulders and lumbar region, which are susceptible to fatigue on long drives, and the thighs and upper legs, which tend to get cold on cooler days. A three-level temperature control allows the heaters to be used not only during winter, but also while using the air conditioning in summer.

Refresh function (front seats)

The front seats feature a refresh function using air bladders built into the seat back and cushion to massage the whole or specific parts of the body to provide physical and emotional refreshment. In addition, an air lumbar support combines flexibility and support with excellent sensory performance to provide stable lumbar support that accommodates individual differences in spine shape and tilt to optimize driving posture.



Second- and third-row seats designed for comfort

Second-row seats (with 40:20:40 split folding and power assist tumble function)

The height and cushioning of the side support on the second-row seats was optimized to enhance holding performance. The height of the folding rear center armrest was optimized and cupholders positioned for easy use. To enhance ingress and egress, the center pillar garnish has been made thinner, and the corners of the rear seat cushion rounded to make it easier to get in and out of the cabin.





Folding rear center armrest with 2 cupholders

Third-row seats (with 50:50 split folding and power reclining function)

The third-row seats power recline by approximately 10-degrees to expand the luggage space. The seats include a cupholder and USB Type C charging port in the quarter trim. The double flat seats automatically fold flat on the luggage space floor when stowed, by pressing and holding a switch.



Multi-seat auto arrange (walk-in mechanism)

In 7-seater models, tumble switches integrated into the shoulders of the second-row seats allow the seats to be quickly tumble folded, providing smooth ingress/egress to the third-row seats.

*In 5-seater models, tumble switches on the second-row seats tumble fold the seats to expand the luggage space.

7-seater



Tumble switch
Press the switch to move the front seat forward. When the forward movement is complete, release the switch to tumble fold the second-row seats.

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Multi-seat auto arrange: Convenient ingress/egress and expanding luggage space

Multi-seat auto arrange (expanding luggage space)

Both the second- and third-row seats can be folded flat automatically by pressing and holding a switch on the left side of the luggage space, making it easy to expand the luggage space.



5-seater



7-seater

Luggage space

The flexible luggage space provides convenient storage space with the rear seats upright, and can be expanded as required by folding one or more of the third-row and second-row seats down to accommodate changing combinations of passengers and luggage.

7-seater







All seats upright



Second-row seats folded and third-row seats stowed

*The double flat, third-row seats in the LX600 and LX500d stow flat using a switch in the trim. The second-row seats tumble fold.

Expressing high quality through attention to detail

Material expression

The center console and upper instrument panel feature a combination of solid metallic ornamentation and leather-wrapped pads. Outstitching applied on the frequently seen and touched grips provides an authentic, high-quality feel. The meticulously handcrafted leather wrapping highlights attention to the smallest details.





Multi-color ambient illumination

Indirect illumination enriches the beautiful forms and materials in the cabin. The entire cockpit is illuminated, adding color to the interior space. In addition to 14 theme colors inspired by beautiful natural phenomena, you can choose from 50 custom colors, changing the interior color to match your mood.



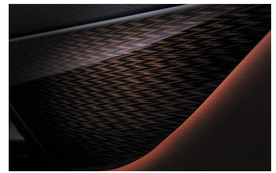
Speaker grille design

The speaker grilles on the Mark Levinson Reference 3D Surround Sound System feature a leaf vein-inspired pattern that expresses the warmth of nature.



Interior trim (Artwood Takanoha)

Wood marquetry handmade by Japanese craftsmen creates an exceptionally delicate expression that evokes a hawk feather pattern motif. Befitting the LX, this Lexus-original design was inspired by the courage and beauty of the hawk, the king of the skies.



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VIP grade _____ LEXUS LX



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The VIP grade enhances rest and relaxation, even during off-road driving

The VIP grade features spacious rear seating for two in an interior created with meticulous attention to the detail. It is equipped with thoughtful functions to provide a comfortable ride in a generous space for relaxing, even when traveling long distances across cities or over rough roads.



Rear seats support a relaxed posture without tiring when travelling long distances on rough roads

Exclusive VIP grade power rear seats

The exclusive VIP grade rear seats feature concave cushions, seatbacks, and large headrests, providing a high level of hold against lateral loads when driving around curves. Soft urethane with superior vibration absorption performance in the seat cushion effectively suppresses unpleasant vibrations even during off-road driving. The unique quilting exclusive to the VIP grade expresses high-quality.



Refresh function (outboard rear seats)

The seats incorporate a refresh function that contributes to physical and emotional refreshment by inflating air bladders integrated into the seat cushion and seatback to apply pressure to the occupant's back and thighs. 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.

Preset positions (rear right seat)

Preset modes allow quick single-touch adjustment of the seat position. In relaxation mode, the front passenger seat tilts forwards and rear right seat reclines backwards to expand legroom for resting in a relaxing position. Seat return automatically stows the ottoman and moves the seats to a position that enables easy ingress and egress.



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Creating comfortable space with maximum recline angle of 48 degrees, taking a cue from the neutral body posture advocated by NASA*

*NASA: National Aeronautics and Space Administration

A maximum recline angle of 48 degrees (rear right seat)

The VIP grade focused on enabling occupants to relax enough to sleep, even while driving off-road. With a single touch of the relax mode switch, the passenger seat slides forward to enable the rear seat to recline up to an optimal 41 degrees. In addition, the display folds down to expand forward visibility and the ottoman deploys, creating an open and relaxing space with a maximum leg room of 1,100mm, to provide a stress-free posture from head to toe.*

*The relax mode switch provides an optimal position of 41 degrees, and a maximum recline angle of 48 degrees.

Power ottoman (rear right seat)

The ottoman integrated into the front passenger seatback can be adjusted independently simply by sliding the passenger seat. By adjusting the position of the ottoman so that the toes rest on the seatback and the calves rest on the ottoman, the legs are comfortably supported even during off-road driving. A synthetic leather finish makes it easy to wipe off any dirt.

Maximum legroom 1,100mm

240mm of slide plus 114mm of extra slide on the front passenger seat creates a maximum 1,100mm of legroom in the rear.



A space that feels like a private room accommodates business and private use

Sunshades (rear windows/manual)

For extra privacy, sunshades block outside light coming through the windows when you're relaxing in the neutral body posture advocated by NASA. You can change the way you use the rear-seat space depending on your mood, closing the sunshades to close out the outside world when you want to concentrate on work, or opening them to enjoy the scenery.

Separator: Separating the rear-seat space from the luggage space

A separator provides privacy in the rear seats. In addition to preventing the interior from being seen from the luggage space, it prevents direct exposure to hot or cold outside air. The lower edge of the separator is anchored to the rear seat so that it moves with the seat when it's reclined. Placing the seat in an upright position creates space underneath the seat that can be used for luggage.





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Luxury refinements create a refined environment for the comfort and pleasure of VIP passengers

Reading lamps (left and right rear seats)

Personal rear-seat reading lamps integrated in the ceiling feature angle adjustment and a 3-step dimmer, and can be adjusted from the neutral body posture advocated by NASA without sitting up.



Rear Seat Entertainment System

Individual 11.6-inch touch displays for the left and right seats let you enjoy high-definition video in the neutral body posture advocated by NASA.

*The headrest and display on the VIP grade front passenger seat can be tilted forward electrically.



Convenient rear console functionality

– Wireless charger: Charge your smartphone simply by placing it where you can easily see notifications, even in a reclined posture
– The palm rest lets you comfortably operate the touch panel as well as providing an armrest
– Table with 2 integrated cupholders: The table surface features self-healing paint, making it easy to repair scratches such as pen marks. Since the table is designed so it won't open when the surface is pressed, it is useful for signing documents and other tasks.
– Small storage space with 2 USB Type C charging ports, HDMI port, etc.
– Console box with 2 headphone jacks, 2 USB Type C charging ports, DC12V, and room for a blanket.



An open forward field of view from the rear seats and comfortable air conditioning unaffected by hot sun or extreme cold

Forward field of view

To create a spacious, open feeling for rear-seat passengers, the Rear Seat Entertainment System displays can be folded forward and stored flat* with one touch from the front or rear control panel.

*When the front seat headrests are folded forwards.



Shower air conditioner & air curtain

The air conditioner keeps occupants comfortable even under a blazing sun or in extreme cold. In summer, after cooling the cabin with cool air from the ceiling-side registers, manually adjust the air volume and angle of the registers to your preference, and turn on the shower air conditioner to diffuse a breeze from above to maintain comfort that envelops the whole body while keeping the cabin from getting too cold. In winter, a warm air curtain flows around the legs to prevent cooler air spreading from the luggage compartment, further enhancing occupant comfort.



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F SPORT LEXUS LX



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Exclusive F SPORT features and styling heighten an engaging driving experience

Exclusive F SPORT exterior design

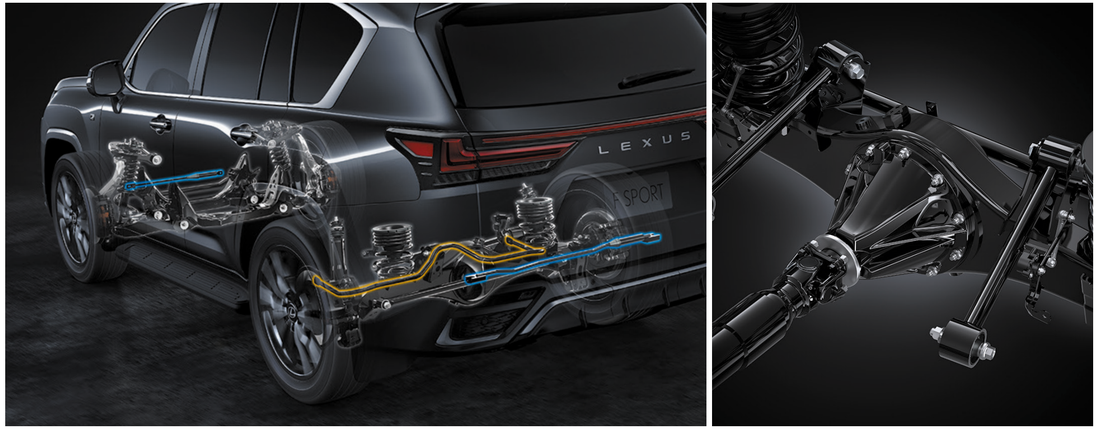
The lowered front end of the F SPORT instantly projects a powerful sporting presence, highlighting exclusive design features that include the F-mesh spindle grille with jet-black plated frame designed to enhance cooling performance, F-mesh pattern in the rear lower bumper, dynamic 22-inch forged aluminum wheels, and unique color finish that exude F SPORT toughness.



A_F SPORT-exclusive mesh grille / B_Jet black plated grille frame / C_Satin-plated molding / D_F SPORT emblem / E_F SPORT-exclusive grille pattern / F_Satin plating / G_Center cover (black material color) / H_F SPORT-exclusive 22-inch aluminum wheels

Exclusive F SPORT performance

The bold F SPORT styling is brought to life in exhilarating driving performance through a host of exclusive performance enhancements. They include front and rear performance dampers, a rear stabilizer, and Torsen LSD (Limited Slip Differential) which optimally distributes drive force in response to the load on the rear left and right wheels, enhancing rear tire traction when accelerating in a turn. Dedicated tuning of the EPS and AVS further sharpens handling stability especially in on-road driving, together with the lively sporty response that is a unique F SPORT characteristic.

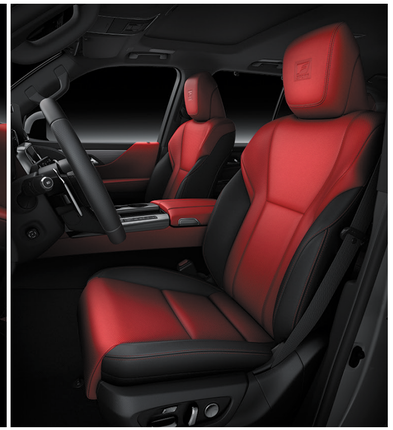


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Exclusive F SPORT interior design

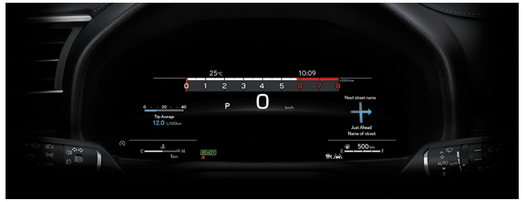
The dramatic Flare Red and black F SPORT interior, complemented by Hadori aluminum ornamentation inspired by the temper pattern of Japanese swords for the trim, sets the scene for sports driving exhilaration. A focus on exclusive sporting control inspired the enhanced side supports and firm seat cushions of the front seats to maintain a stable driving posture during turns, the use of dimpled genuine leather on the steering wheel and shift lever knob to enhance grip, and honed functionality of aluminum pedals and footrest. It is reinforced by F SPORT emblems in the headrests, steering wheel and scuff plates.





Exclusive F SPORT meters

The high-definition 12.3-inch full LCD meter features a choice of three F SPORT layouts, with a central tachometer, analog speedometer, or exclusive layout for sports circuit driving, to match your driving style. Each layout provides the option to display select information in three integrated multi-information displays.



Exclusive F SPORT steering wheel

The steering wheel profile designed to provide exceptional control, and the shift lever knob, are further refined by the exclusive use of F SPORT dimpled genuine leather to enhance grip, boosting the sporty design and sharpening sports control.



Exclusive F SPORT scuff plate

The subtle F SPORT emblem embossed in the stainless steel scuff plates is an inviting reminder of F SPORT exclusivity every time you open the door.



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Overtrail grade _____ LEXUS LX



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The Overtrail grade further fuels the insatiable appetite for adventure





A_Radiator grille / B_Fog lamp cover / C_18-inch aluminum wheels / D_Door mirror / E_Roof rails / F_Door molding / G_Outside door handle / H_Arch molding

The Overtrail grade integrates exclusive design and performance enhancements essential to the rugged off-roader, to further enhance diverse outdoor experiences and lifestyles. Design refinements in unified black heighten off-road driving functionality and express a sense of protection. The all-terrain 18-inch tires were optimized for excellent performance both off-road and on-road that reduces fuel consumption. Lock mechanisms on the front, center and rear differentials enhance off-road performance. An actuator integrated into the differential reduces the risk of water ingress and impacts from the outside.



The exclusive Overtrail grade interior blends style with off-road functionality

Overtrail grade interior

The exclusive design of the Overtrail interior creates a refined premium quality with a distinctive off-road feel. The interior is available in Black or Monolith color options that blend style with off-road functionality, with the natural color of low-saturation Monolith in the seat panels and headrests, stitching and door trim, together with Sumi Black Ash Burl ornamentation.





Seat stitching (Monolith)



Seats

Safety _____ LEXUS LX



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Lexus is continuously developing safety technologies with one goal: Zero fatalities and injuries from traffic accidents. To get closer to realizing this goal, the LX incorporates Lexus Safety System+. By expanding and evolving each function and adding new systems, we aim to prevent traffic accidents, further reduce traffic fatalities, and reduce the burden on the driver.



<When the system detects distracted, poor posture, etc.>

A display message and buzzer are used to alert the driver.

<Driver Monitor Linking functions>

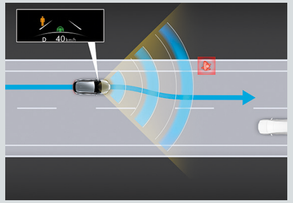
Pre-Collision System
Dynamic Radar Cruise Control
LDA (Lane Departure Alert)
Emergency Driving Stop System

Driver Monitor

If the system judges the driver's state is inappropriate (distracted, poor posture, etc.), alerts and notifications are issued. In addition to detecting the face direction and eyes open/closed state, the driver's sight line is also detected, allowing detection of distracted driving states which cannot be judged solely from the face direction (facing forwards with sight line lowered looking at cell phone, etc.).

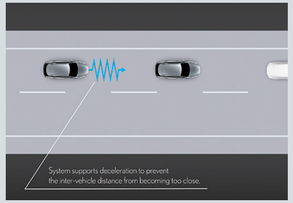
PDA (Proactive Driving Assist)

PDA discreetly and gently supports driving in situations such as on general roads, contributing to the driver's peace of mind. It provides the following support to enable appropriate driving operations; steering/deceleration support in response to pedestrians/bicyclists/parked vehicles, deceleration support in response to preceding vehicles/corners, and steering assist.



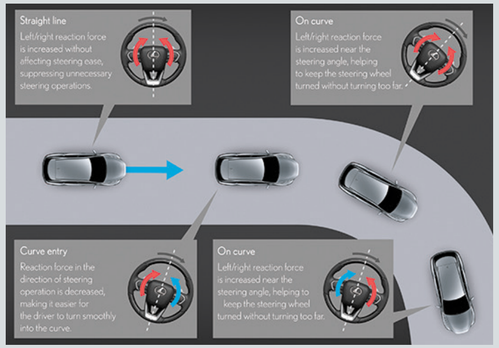
PDA (Steering/deceleration support in response to pedestrians/bicyclists/ parked vehicles)

The system provides earlier detection of pedestrians, bicyclists and parked vehicles and assists steering and braking to keep a safe distance, to help reduce the risk of accidents.



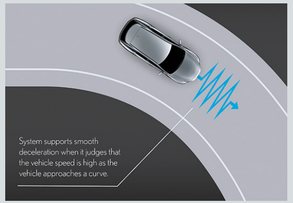
PDA (Deceleration support in response to preceding vehicles)

When the system detects a preceding vehicle or adjacent vehicle cutting-in, it activates to gradually slow the vehicle so it doesn't get too close to preceding vehicles when the driver releases the accelerator.



PDA (Steering assist)

The system varies steering force in response to differences between the road geometry and driver operation, providing subtle and natural assistance to support smooth steering.



PDA (Deceleration support in response to curves)

When the system determines the vehicle is traveling too fast to go through an upcoming curve safely, it gradually brakes the vehicle once the driver releases the accelerator.

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The system functions may not operate properly depending on the weather, road and vehicle conditions or other factors. Be sure to read the Owner's Manual carefully. Do not overly rely on these systems, as there is a limit to the performance they can provide. The driver is always responsible for paying attention to the vehicle's surroundings and driving safely.

Pre-Collision System: Detecting vehicles, pedestrians and bicyclists

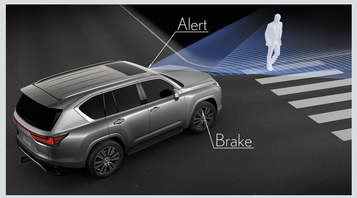
Pre-Collision System with collision avoidance with pedestrian (day or night) and bicyclist (day) detection using millimeter-wave radar and monocular camera sensors

When the system detects a vehicle, pedestrian (day or night), or bicyclist (day)*1 ahead using the millimeter-wave radar and monocular camera sensors, it alerts the driver of a possible collision with a warning buzzer and alert on the multi-information display. If the driver depresses the brake pedal, pre-collision brake assist operates. If the driver cannot depress the brake pedal, pre-collision braking is activated to help avoid a collision or mitigate the impact force. Pre-collision braking operates for pedestrians and bicyclists in the 10km/h to 80km/h speed range, for example helping to avoid a collision or mitigate the impact force when the difference in speed between the vehicle and a pedestrian is about 40km/h. It operates for other vehicles when the vehicle's speed is above 10km/h. For example, it will help to avoid a collision or mitigate the impact force when the vehicle's speed relative to a stopped vehicle is about 50km/h. The system also brakes to help reduce speed in the event of a collision with an oncoming vehicle*2.



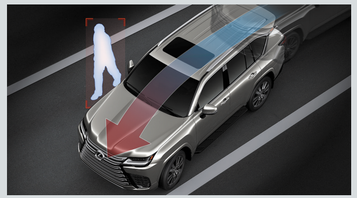
Intersection Assistance (Right/Left Turn)

When turning right or left at an intersection, if the millimeter-wave radar and monocular camera sensors detect an oncoming vehicle going straight when turning right or left, or pedestrians crossing from the opposite direction, it alerts the driver and activates the brakes to help avoid a collision and mitigate damage.*3



Emergency Steering Assist

If the Emergency Steering Assist system detects a collision with a vehicle, pedestrian or bicyclist ahead is likely, there is sufficient space for the vehicle to be steered within its lane and the driver has begun an evasive steering maneuver, it assists steering to help enhance vehicle stability and prevent lane departure.*4



FCTA (Front Cross Traffic Alert)

If the system 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 color 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.



*1 Pedestrian and bicyclist detection is not available in some markets. Please inquire at your local dealer for details.
*2 Pre-collision brake assist does not activate for oncoming vehicles. *3 Bicyclist detection is not available.
*4 System may not operate if it determines there is insufficient evasion space or an obstacle within the evasion space.

LTA (Lane Tracing Assist): Providing lane-keeping assistance

When Dynamic Radar Cruise Control (with full speed range) is activated while driving on expressways and automobile-only roads, LTA reduces the load on the driver by assisting steering operation to keep the vehicle in the lane. Even when Dynamic Radar Cruise Control (with full speed range) isn't activated, the Lane Departure Alert and Steering Assist functions continue to operate.

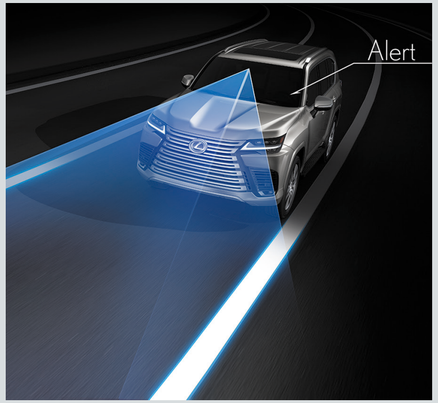
Lane Centering function

In addition to providing assistance on gentle curves, Lane Centering smoothly keeps the vehicle in the center of the lane with minimal sway. Lane tracing performance has been significantly enhanced thanks to advancement in the camera recognition technology. Even when it is difficult to detect white or yellow road markings, the system helps track the vehicle ahead. In addition, when the system determines the vehicle may deviate from its lane as a result of not being able to negotiate a curve, it alerts the driver by displaying a warning and urges the driver to operate the steering wheel. The system will also decelerate in advance of an upcoming curve based on its sharpness. Keeping lateral G forces constant when driving through curves provides a stable, comfortable ride while enabling uninterrupted driver assistance, even on curves with a small radius.*5



Lane Departure Alert/Steering Assist

When the system detects possible lane or road deviations, it displays a message on the color head-up display*6 and multi-information display, vibrates the steering wheel, or sounds a buzzer to alert the driver. It also assists steering to avoid lane departure. The system not only recognizes white lane markings, but also the boundaries between asphalt and grass, dirt, curb stones and other objects.



*5 The warning may not be displayed in some situations. *6 Models equipped with the color head-up display only.

Note: The systems functions may not operate properly depending on the weather, road and vehicle conditions or other factors. Be sure to read the Owner's Manual carefully. Do not overly rely on these systems, as there is a limit to the performance they can provide. The driver is always responsible for paying attention to the vehicle's surroundings and driving safely.
Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area. Please inquire at your local dealer for details on the availability of features.

LEXUS SAFETY SYSTEM +

Broad-ranging support that helps reduce driver workload while encouraging caution

BladeScan AHS (Adaptive High-beam System): Dramatically enhancing road shoulder and distance visibility

Dynamic Radar Cruise Control (With full speed range)

When the millimeter-wave radar and monocular camera sensors detect a vehicle driving ahead, the system maintains a suitable distance based on the vehicle's speed. If the preceding vehicle stops, the system stops the vehicle and remains stopped until the preceding vehicle starts moving again, and resumes tracking when the driver accelerates from a stop. This significantly reduces driver workload in stop-start traffic, such as driving on a congested expressway. The wide detection angle of the millimeter-wave radar and expanded forward recognition range of the monocular camera provide excellent recognition, especially when detecting vehicles cutting-in ahead. In addition, when a turn signal is operated at speeds of approximately 80km/h or greater, the system supports smooth driving operation by accelerating gradually in preparation to pass the preceding vehicle, even if it is traveling slowly. Further, while driving with Dynamic Radar Cruise Control activated, the Curve Speed Reduction function starts to reduce speed when the steering wheel begins to turn if it determines a slower speed is required.

RSA (Road Sign Assist)

RSA uses the monocular camera to detect road signs including speed limit, no overtaking, no entry, stop and yield*1, and displays them on the multi-information display. Speed limit and no entry signs are shown on the color head-up display*2, to reduce the risk of missing road signs and help support safe driving. In addition, when the system judges the driver has overlooked speed limit, no overtaking or no entry road signs, it notifies the driver by reversing the sign colors or flashing the sign display.

*1 Recognized road signs vary by country and system specs.
*2 Models equipped with the color head-up display only.

BladeScan AHS

BladeScan AHS reflects LED light onto a blade mirror rotating at high speed to smoothly illuminate the road ahead with its residual image, significantly enhancing visibility at night. The LEDs switch on and off in synchronization with the rotating mirrors, to finely adjust illuminated and shaded areas, distributing light to enable quick recognition of distant pedestrians, road shoulders, signs, and other objects. It also reduces the stress of driving at night by partially blocking high beams so they do not dazzle oncoming and preceding vehicles, contributing to safe driving.

*The system may not operate depending on road, vehicle, weather, and other conditions.

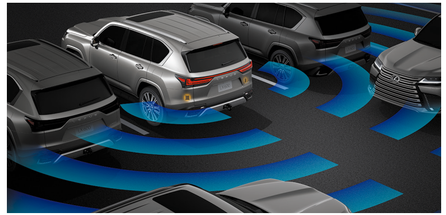




A parking assist system that helps to reduce minor collisions

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 indicator in the relevant door mirror.



Parking Support Brake (for static objects around the vehicle, vehicles approaching from behind, and pedestrians approaching from behind) (PKSB)

PKSB (for static objects around the vehicle)

It alerts the driver of the distance to and degree of hazard posed by static objects such as walls when traveling at low speed, with indicators on the color head-up display, multi-information display, and front and rear buzzers. If the system determines there is a high possibility of a collision with a static object such as a wall while traveling at low speed, it applies the brakes to mitigate injury or damage.

PKSB (for vehicles approaching from behind)

It alerts the driver of vehicles approaching from behind when backing out of a parking space, with indicators on the door mirror and 12.3-inch touch display, and a rear buzzer. If the system determines there is a high possibility of a collision with a crossing vehicle approaching from behind, it applies the brakes to mitigate injury or damage.

PKSB (for pedestrians approaching from behind)

It alerts the driver of pedestrians behind the vehicle when backing out of a parking space with an indicator on the 12.3-inch touch display and a rear buzzer. If the system determines there is a high possibility of a collision with a pedestrian behind the vehicle, it applies the brakes to mitigate injury.



Note: The systems functions may not operate properly depending on the weather, road and vehicle conditions or other factors. Be sure to read the Owner's Manual carefully. Do not overly rely on these systems, as there is a limit to the performance they can provide. The driver is always responsible for paying attention to the vehicle's surroundings and driving safely.
Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area. Please inquire at your local dealer for details on the availability of features.

BSM (Blind Spot Monitor), SEA (Safe Exit Assist) and Lexus Teammate Advanced Park provide advanced driving support.

BSM/Overtaking vehicle warning

In addition to vehicles to the rear which are difficult to see in the door mirrors, BSM monitors adjacent lanes up to approximately 60 meters behind the vehicle to detect rapidly approaching vehicles. When a vehicle is detected, an indicator in the door mirror illuminates. If the driver operates the turn signal after an overtaking vehicle has been detected, the indicator flashes to alert the driver. In addition, if the system determines there is a high possibility of a collision with a detected vehicle approaching from behind, it rapidly flashes the hazard lamps to alert the overtaking vehicle.

*The system may not operate depending on the road, vehicle, and weather conditions. The approximate size of the detection target is larger than a small two-wheeled vehicle. In exceptional road conditions, the system indicator may illuminate even for static objects. The system also assists the driver to check behind the vehicle when changing lanes. The driver is always responsible for paying attention to the vehicle's surroundings when changing the lanes.

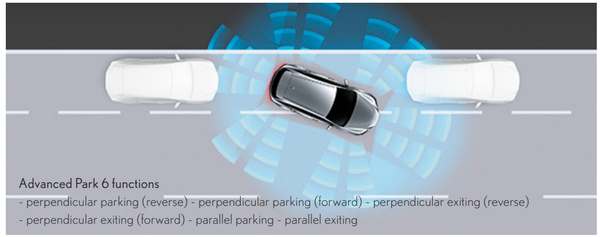
SEA

The system's sensors detect bicycles and vehicles (two-wheeled and four-wheeled) approaching from behind while the vehicle is stopped and helps avoid collisions and mitigate damage by determining the possibility of a collision with an open door. If a door is opened when there is the possibility of a collision, an indicator on the door mirror flashes and a buzzer sounds to alert occupants.

*The system does not detect pedestrians or bicycles and vehicles (two-wheeled and four-wheeled) approaching from the front, and does not activate when getting out of the vehicle with the ignition off.







Advanced Park 6 functions
- perpendicular parking (reverse) - perpendicular parking (forward) - perpendicular exiting (reverse)
- perpendicular exiting (forward) - parallel parking - parallel exiting

Lexus Teammate Advanced Park

Combining information from cameras and ultrasonic sensors that monitor the vehicle's surroundings, Advanced Park supports appropriate recognition and parking in open parking spots. In addition to automatically controlling steering, accelerating, braking and shift changes, it provides smooth parking by continuously displaying a bird's-eye view of blind spots and the target car park location. Parking operation starts smoothly once the driver stops next to the parking space, presses the main switch, checks the vehicle's surroundings and the parking space, and presses the start switch on the display. Information about the vehicle's surroundings is communicated to the driver in an easy-to-understand manner, showing the locations of obstacles on the display. If there is the possibility of hitting an obstacle, it alerts the driver and helps avoid it by applying brake control.

Advanced Park remote control function

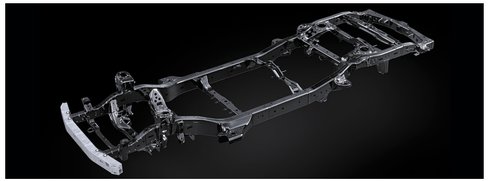
Advanced Park is available with a remote control function that enables parking/exiting in a parking space using a dedicated app on your smartphone from outside the vehicle. The remote control function supports parking/exiting in both parallel and perpendicular parking spaces. In addition, it can move the car backwards or forwards, for example to allow access to the luggage space, and easy ingress and egress when parking in unfamiliar and narrow spaces. Designed for ease of use with quick smartphone operation, it starts promptly to eliminate the need to wait.*

* Smartphone operation requires the driver to have an Electronic Key

Enhanced body and frame construction and passive safety measures contribute to occupant and pedestrian protection.

Body & frame for omnidirectional collision safety

The LX's traditional ladder frame that supports the strong structure was redeveloped to provide a high level of robustness and rigidity thanks to features such as optimal side rail cross-section characteristics, high-strength structure with optimal placement of crossmembers and high joint rigidity, and careful placement of high-tensile steel. The cabin uses high-tensile steel and a structure that effectively absorbs the energy of frontal collisions to provide an exceptional level of collision safety, to help create a safe space for occupants.



A body that helps to protect pedestrians

High-tensile steel is used for the body frame to provide high strength while reducing weight. The aluminum engine hood was designed to maintain a buffer space around the engine compartment to help mitigate impact force to the head during a collision with a pedestrian.



SRS airbags

The LX features dual- or single-stage SRS airbag (Driver's seat), dual-stage SRS airbag (Front passenger seat), 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 are also available on the VIP grade second-row seats.*

*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 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. For details on these and other important safety features, be sure to read the Owner's Manual carefully.



AL-TPWS (Auto Location-Tire Pressure Warning System)

AL-TPWS contributes to tire life and fuel efficiency by displaying the pressure of each tire including the spare tire in the multi-information display. When low tire pressure is detected, the display shows the air pressure value of the affected tire in amber, together with an in-meter warning lamp.



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Please inquire at your local dealer for details on the availability of features.

Utility _____ LEXUS LX



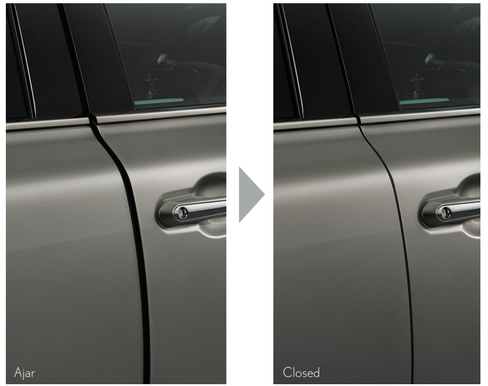
Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area.
Please inquire at your local dealer for details on the availability of features.

The enhanced convenience and vision of door easy closer and Digital Rear-view Mirror

Door easy closer (Front and rear)

An easy closer function reliably closes side doors that have been left ajar.

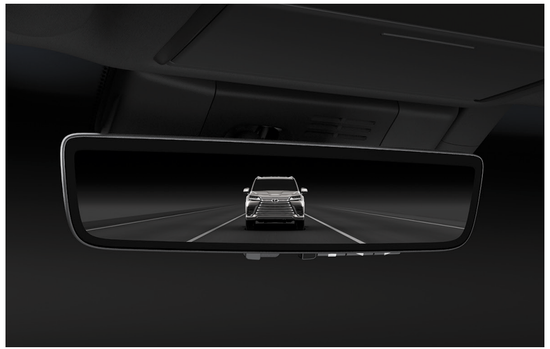
*Be careful not to pinch your fingers when closing the door.



Digital Rear-view Mirror

When switched from optical to Digital Rear-view Mirror mode, the wide mirror displays real-time images from the back-up camera to provide a wider field of view unobstructed by headrests or passengers' heads, helping to check safety behind the vehicle. The high-resolution images have natural colors, and also realize clear visibility at night. A digital anti-glare mode suppresses glare from the headlamps of a following vehicle to prevent the mirror display from being difficult to see.*

*Always adjust the area the mirror displays before you drive the vehicle for the first time or when the driver changes, while stopped in a safe place. Never adjust the display while driving. Failure to adjust the display area may cause a double image. If the display is difficult to see due to reflection from external light when driving models equipped with a moonroof, close the sunshade. It may take time to focus on the display depending on your age and physical condition. In addition, foreign matter such as water drops, snow, or mud may prevent images from being displayed clearly. In this case, switch the mirror to optical mode before driving. In areas where the surrounds are dark, digital signal processing enhances the brightness to boost visibility. It may also cause the digital display monitor to flicker.



Lexus Climate Concierge: The thoughtful comfort of automatic personalized climate control

Lexus Climate Concierge

Lexus Climate Concierge provides whole-body comfort for each occupant. It also contributes to energy saving, limiting excessive operation by controlling overheating and overcooling. By setting their preferences in advance, occupants can enjoy continuous comfort without the need to operate the system. In this way, the Concierge provides the essence of Japanese hospitality through air-conditioning harmony where the occupants wishes are considered and everything is prepared in advance.

Climate Concierge switches

The auto air conditioning, Heated steering wheel, and seats with seat heater and ventilation are activated by a single action. When an occupant is detected in the front passenger seat or an outboard second-row seat, the corresponding air-conditioning system is automatically linked to maintain individual comfort.

Auto air conditioning with four-seat independent temperature adjustment

Air temperature and vent settings can be controlled independently for the driver's seat, passenger seat, and outboard second-row seats.

Seats with seat heater and ventilation (front seats and outboard second-row seats)

Quick-heating and quick-cooling functions make the ride more comfortable, while "AUTO" setting maintains whole-body comfort.

Heated steering wheel

In "AUTO" setting, when heater operation conditions are met, the Heated steering wheel turns on automatically and warms the wheel for a certain period of time.



Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area.
Please inquire at your local dealer for details on the availability of features.

Thoughtful details enhance the ease of ingress and egress, and enjoyment every time you ride

Aluminum roof rails/moonroof (power tilt and slide)

Roof rails made of lightweight aluminum help reduce the vehicle's inertia moment. The moonroof, which creates a feeling of openness in the cabin, is standard equipment.



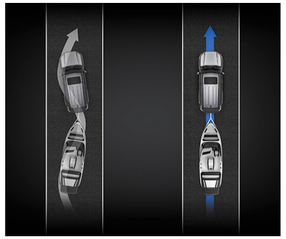
Hands-free power back door (with pinch prevention and stop position memory functions)

Even if both hands are full, when carrying the Electronic Key you can open and close the back door automatically by moving your foot under the rear bumper and out again. The opening/closing speed and sensitivity to foot movement were enhanced for ease of use.



TBC (Trailer Brake Control)

Integrated TBC monitors the vehicle condition while towing a connected trailer, controlling and activating the trailer brakes to optimize trailer braking, and working with the vehicle's systems including ABS and VSC to enhance stability. The driver can view TBC status in the multimedia and meter displays. A gain switch in the instrument panel allows the driver to customize TBC output.



The vehicles in this photo differ from the LX.

Side steps

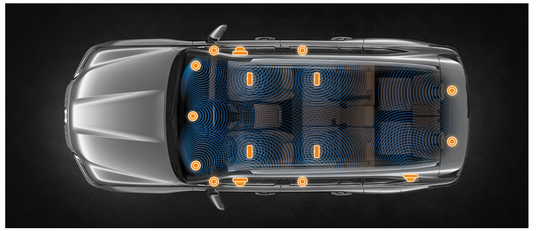
The ergonomically designed side steps support easy ingress/egress. The size, position and height of the steps were optimized to provide good ground clearance when driving on rough roads.



Dynamic natural audio from an exclusive surround sound system

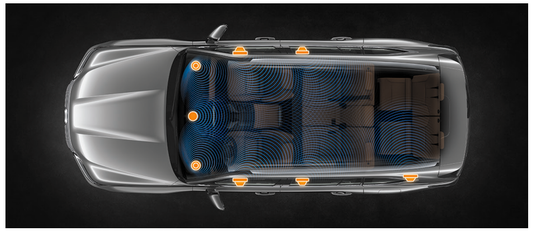
Mark Levinson Reference 3D Surround Sound System

Since it pioneered high-end audio over 40 years ago Mark Levinson has reigned supreme, and Lexus is the only premium car brand equipped with its audio systems. Based on the Mark Levinson PurePlay concept to realize a pure, distortion-free sound, the LX is optimally equipped with 25 speakers, the most in the Lexus lineup. 9 Unity speakers (which incorporate a tweeter and mid-range speaker in a single unit) are positioned at the same height around the cabin to create a live stage effect that extends from front to back and left to right, and clear unified reproduction of mid- and high-ranges. The system also incorporates ceiling speakers, and QLI (Quantum Logic Immersion) surround technology to create three-dimensional sound that envelops the listener in natural realistic sound with the precise positioning of a live sound stage, excellent localization, and dynamic reproduction of sound sources, providing an inspiring listening experience as if you were in a concert hall. In addition, Clari-Fi compressed audio reproduction technology supplements bass and high frequencies lost when the music files were compressed, eliminating distortion that occurred during compression to reproduce natural vocal qualities and stereo presence. It also supports high-resolution audio playback.



Lexus LX Premium Sound System

This 10-speaker system includes a high-capacity subwoofer box that reproduces rich, sharp bass, delivering a luxurious sound space that seems to float in front of your eyes. The CST speakers on the instrument panel combine the characteristics of tweeters and mid-range drivers to provide a localized, well-articulated sound image and a rich sound field by generating sound from the same acoustic center. In addition, the subwoofer box on the side of the luggage space reproduces clear, forceful bass that is synchronized to the LX's powerful driving performance. The system also supports high-resolution audio playback.



Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area.
Please inquire at your local dealer for details on the availability of features.

EXTERIOR COLORS


White Nova Glass Flake <083>*1


Sonic Quartz <085>*2


Sonic Titanium <1J7>


Manganese Luster <1K2>


Graphite Black Glass Flake <223>


Moon Desert <4Z1>*5


Terrane Khaki Mica Metallic <6X4>

*1 Available on F SPORT package only. *2 Not available on F SPORT package. *3 Available on VIP grade only. *4 Not available on VIP grade and F SPORT package. *5 Available on Overtrail grade only.

WHEELS


18-inch aluminum wheels*5


20-inch aluminum wheels


22-inch forged aluminum wheels*3


22-inch forged aluminum wheels


22-inch forged aluminum wheels*1


22-inch forged aluminum wheels (Dealer option)

Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area.
Please inquire at your local dealer for details on the availability of features.

INTERIOR COLORS



Black*3



Sunflare Brown*3



Black*4



Crimson*4



White & Dark Sepia*4



Hazel*4



Black*1



Flare Red*1

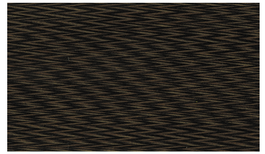


Monolith*5



Black*5

TRIM



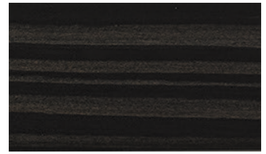
Artwood Takanoha



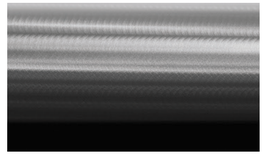
Ash (Sumi Black)



Walnut (Dark Brown)



Shimamoku (Black)



Aluminum Hadori*1

<COLORS/SEATING MATERIAL/TRIM FOR MIDDLE EAST>

	SEATING MATERIAL/TRIM				
	Semi-aniline Leather				
INTERIOR COLORS	Artwood Takanoha	Ash (Sumi Black)	Walnut (Dark Brown)	Shimamoku (Black)	Aluminum Hadori*1
Black*1	●	●	●	●	–
Sunflare Brown*3	●	●	●	●	–
Black*4	●	●	●	●	–
Crimson*4	●	●	●	●	–
White & Dark Sepia*4	●	●	●	●	–
Hazel*4	●	●	●	●	–
Black*5	–	–	–	–	●
Flare Red*1	–	–	–	–	●
Monolith*5	–	●	–	–	–

● Available combination

*1 Available on F SPORT package only. *2 Not available on F SPORT package. *3 Available on VIP grade only. *4 Not available on VIP grade and F SPORT package. *5 Available on Overtrail grade only.

Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area.
Please inquire at your local dealer for details on the availability of features.

MAIN FEATURES <LX700h/LX600/LX500d>

EXTERIOR
- Windshield glass; acoustic glass, UV-cut function
- Front door glass; acoustic glass, IR (Infrared Rays)- and UV-cut function
- Rear door, rear quarter window, and back door window glass; privacy glass, UV-cut function
- Moonroof; power tilt/slide, one-touch mode with jam protection system
- Door mirrors; LED foot illumination with logo, side turn signal lamp, auto folding, interlink with reverse gear
- Side steps with LED illumination
- Roof rails
- Towing hitch/Pintle hook
- Grand spare tire
- Mudguard
- Exclusive front and rear bumpers, front fender emblems, black material color center cover and aluminum wheels (F SPORT package)

INTERIOR
- 12-inch full LCD meter
- Color head-up display
- Digital clock
- Wood and leather steering wheel
- Overhead console LED lamp switches
- Center console box
- Cool box
- Wireless charger
- Power outlets; 1 (DC-12V) in center cluster, 1 (DC-12V) in rear of center console box (in rear console box on VIP grade) , 1 (AC-120 or 220V) in side of luggage space
- Cupholders (Front and outboard second-/third-row seats)
- Door pockets (Front and rear doors); bottle holders
- Manual rear door window sunshades
- Manual rear quarter door window sunshades (VIP grade LHD)
- Multi-color ambient illumination
- Lexus Climate Concierge
- Auto air conditioning system; 4-zone independent temperature controls, clean air filter with pollen removal function
- Shower air conditioner & air curtain (VIP grade)
- nanoe X
- Scuff plates with illumination
- Exclusive front seats, trim, steering wheel, shift lever, meters, emblems, aluminum pedals, and stainless steel scuff plates with illumination (F SPORT package)

OPERATION
- Advanced Park; remote control function
- Power tilt and telescopic steering column; auto-away/auto-return function
- Steering wheel control switches
- Multi-mode Automatic Transmission; Direct Shift-10AT
- Drive mode select
- EPB (Electric Parking Brake)
- Brake hold
- Position memory switches (Driver's seat); 3-memory
- Digital Key
- Smart Entry & Start System
- Fingerprint-authentication push-start switch
- Multi-terrain Select; AUTO mode
- Multi-terrain Monitor; Underfloor View (Front and rear wheels)
- Panoramic View Monitor
- Lexus Parking Assist Monitor
- Hands-free power back door; closer & lock switch
- Tonneau cover with separator (VIP grade)

NAVIGATION AND AUDIO
- Lexus Navigation System; Apple CarPlay, Android Auto
- Dual display; 12.3-inch EMV (Electro Multi-Vision) and 7-inch EMV touch displays
- Lexus LX Premium Sound System; AM/FM radio, 10 speakers, MP3 and WMA (Windows Media Audio) play compatible, DSP (Digital Signal Processor), ASL (Automatic Sound Levelizer)
- Mark Levinson Reference 3D Surround Sound System; AM/FM radio, 25 speakers, MP3 and WMA play compatible, DSP, ASL, Clari-Fi, PurePlay
- Rear seat entertainment system; 11.6-inch touch displays, HDMI jack, 2 headphone jacks, wireless remote control
- Bluetooth function; hands-free calling, wireless connection with AV-profile compliant player
- 6 USB ports
- HDMI jack (Center console)

SEATS
- Ventilated Seats (Front and outboard second-row seats)
- Seat heater (Front and outboard second-row seats)
- 10-way power driver's seat; power lumbar support, refresh function
- 8-way power front passenger's seat; power lumbar support, refresh function (Except for VIP grade)
- Second-row seats; multi-seat auto arrange, tumble seats, center armrest (Cupholders, storage box for small items and climate control switches)
- Second-row seats; right and left independent captain's seats, refresh function, preset mode, ottoman on the front passenger seatback, extra seat slide, console box (Cupholders, table, wireless charger, storage box and climate control switches) (VIP grade)
- Third-row seats; multi-seat auto arrange, flat seats, bottle holders

SAFETY
- Lexus Safety System + <Pre-Collision System, Dynamic Radar Cruise Control, LTA (Lane Tracing Assist), LDA (Lane Departure Alert), LCA (Lane Changing Assist), RSA (Road Sign Assist), AHB (Automatic High Beam), BladeScan AHS (Adaptive High-beam System), Emergency Driving Stop System, PDA (Proactive Driving Assist), Driver Monitor>
- Blind Spot Monitor System; SEA (Safe Exit Assist)
- PKSB (Parking Support Brake)
- TRC (Traction Control System)
- VSC (Vehicle Stability Control)
- Multi-terrain ABS (Anti-lock Brake System) with EBD (Electronic Brake force Distribution)
- Brake Assist system
- Downhill Assist Control
- Crawl Control
- Hill-start Assist Control
- LED 3-eye projector-type headlamps; LED turn signal lamps, LED DRL (Daytime Running Lamp), LED front fog lamp, and cornering lamps
- Rear fog lamps
- Digital Rear-view Mirror; Digital anti-glare mode
- Automatic anti-glare mirrors (Interior and door mirrors)
- Dual- or single-stage SRS (Supplemental Restraint System) airbag (Driver's seat)
- Dual-stage SRS airbag (Front passenger seat)
- SRS knee airbags (Front seats)
- SRS side airbags (Front and outboard second-row seats)
- SRS curtain shield airbags (Front and outboard second-row seats)
- SRS seat cushion airbags (Second-row seats) (VIP grade)
- WIL (Whiplash Injury Lessening) concept front seats
- 3-point ELR seatbelts (All seats)
- Pretensioners and force limiters (Front seats)
- Pretensioners (Outboard second-row seats)
- Anchor bars for fixing ISOFIX-compliant child seat (Outboard second-row seats)
- CRS (Child Restraint System) top tether anchors (Outboard second-row seats)
- Security system; alarm, immobilizer system
- AL-TPWS (Automatic Location-Tire Pressure Warning System)

Note: Please inquire at your local dealer for details on the availability of features.

SPECIFICATIONS <LX700h/LX600/LX500d> FOR MIDDLE EAST

DIMENSIONS & WEIGHT

Overall length:	Towing hitch	5,090mm*1/5,100mm
	Pintle hook	5,220mm*1/5,230mm
Overall width:		1,990mm
Overall height:		
Glass antenna		1,855mm*2/1,865mm*3*4
Glass and roof antenna		1,885mm*2/1,895mm*3*4
Wheelbase:		2,850mm
Tread:	Front	1,675mm
	Rear	1,680mm
Seating capacity:		Three-row seats: 7 persons
		Two-row seats: 4 persons <VIP grade>, 5 persons
Curb weight:		2,710-2,840kg <LX700h>
		2,600-2,680kg <LX600>
		2,580-2,735kg <LX500d>
Gross vehicle weight:		3,380kg <LX700h>
		3,280kg <LX600/LX500d>

CHASSIS

Suspension:		Double wishbone type (Front)/ Trailing-link rigid axle type (Rear), coil spring, gas-filled shock absorbers, stabilizer bar
Steering system:		Rack and pinion
Brakes:	Front	354mm ventilated discs
	Rear	335mm ventilated discs
Minimum turning radius (Tires):		6.0m
Fuel tank capacity (Total):		98 liters (Main tank: 68 liters, sub tank: 30 liters) <LX700h>/ 110 liters (Main tank: 80 liters, sub tank: 30 liters) <LX600/LX500d>
Tires:		265/50R22, 265/55R20, 265/70R18*5

ENGINE <LX700h>

Type:	3.5-liter V6 Four Cam 24-valve (V35A-FTS, unleaded)
Piston displacement:	3,445cc
Max. output:	305kW/5,200rpm (EEC net)
Max. torque:	650Nm/2,000-3,600rpm (EEC net)
Fuel system:	D-4ST (Direct injection 4 stroke gasoline engine Superior version with Turbo)

ENGINE <LX600>

Type:	3.5-liter V6 Four Cam 24-valve (V35A-FTS, unleaded)
Piston displacement:	3,445cc
Max. output:	305kW/5,200rpm (EEC net)
Max. torque:	650Nm/2,000-3,600rpm (EEC net)
Fuel system:	D-4ST (Direct injection 4 stroke gasoline engine Superior versionwith Turbo)

ENGINE <LX500d>

Type:	3.3-liter V6 Four Cam 24-valve (F33A-FTV, diesel)
Piston displacement:	3,346cc
Max. output:	225kW (Less than EURO 4) or 227kW (EURO 5/EURO 6c)/ 4,000rpm (EEC net)
Max. torque:	700Nm/1,600-2,600rpm (EEC net)
Fuel system:	Common rail fuel injection system

MOTOR <LX700h>

Type:	Permanent magnet motor (1TM)
Max. output:	36kW
Max. torque:	250Nm
Total system output:	341kW

BATTERY <LX700h>

Type:	Nickel-metal hydride (NiMH)
Nominal voltage:	288V
Number of battery cells:	240



*1 F SPORT package. *2 Vehicles equipped with 265/55R20 tire. *3 Vehicles equipped with 265/50R22 tire.
*4 Vehicles equipped with 265/70R18 tire. *5 Overtrail grade.

- Addition of extra features may change figures in this chart.
- Toyota Motor Corporation reserves the right to alter any details of specifications and equipment without notice. Details of specifications and equipment are also subject to change to suit local conditions and requirements. Please inquire at your local dealer for details of any such changes that might be required for your area. Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area.
- Vehicle body color might differ slightly from the printed photos in this catalog.