

# **INTUITIVE TECHNOLOGY ADDED TO 2023 LEXUS LS 500, 500h WITH LEXUS INTERFACE INTEGRATION**

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**PLANO, Texas (Nov. 15, 2023)** – Lexus LS continues to set the tone for all other luxury automakers, with the addition of Lexus Interface with standard 12.3-inch touchscreen display with wireless CarPlay® and Android Auto capability. In 2023, the flagship Lexus LS 500 provides drivers with an intuitive multimedia system complete with a Voice Assistant (Hey Lexus), Wi-Fi Connect, Service Connect and Safety Connect trials.

The 2023 LS 500 will have a starting MSRP of \$77,735, and the 2023 Lexus LS 500h with Lexus Teammate will have an MSRP of \$113,635. Both are expected to arrive in dealerships in late 2022.

### **Unparalleled Lexus Drive**

The LS's fundamental dynamic character, as defined by the Lexus GA-L platform, makes it the brand's most capable sedan flagship to date. Subtle tuning of its control surfaces, the steering and the braking controls help give it more control, poise and help elevate driver confidence.

The LS provides a suspension with balanced spring and damper rates for impeccable damping performance. To help control vehicle body roll in turns, the diameters of the front and rear anti-roll bars are optimized.

For added suppleness and enhanced handling stability, the Adaptive Variable Suspension (AVS) employs revised linear solenoids and control valves designed to provide low damping force via their enlarged internal flow path. In addition, the operation of the LS's available ride-height-adjustable air suspension function helps facilitate ingress and egress.

### **Impressive Power – Lexus LS 500**

The 3.4-liter, twin-turbo V6 engine on the LS 500 offers the output one would expect in a flagship sedan: 416 horsepower and 442 lb.-ft. of torque. In the pursuit of refinement goals, the engine features a piston with a lip shape on the piston top to help realize low emissions and quiet operation when the engine is cold. The wastegate control on the twin-turbo engine provides stable opening and closing of the valve to enhance performance efficiency. The 10-speed automatic transmission is re-calibrated to aid in keeping the engine in a more responsive area of its power band.

The LS 500 delivers a 0-60 time of 4.6 seconds. The driver can tailor powertrain response and feel by choosing from Eco, Comfort, Normal, Custom, Sport S or Sport S+ modes. The available AWD system features a Torsen® limited-slip center differential to further enhance grip, traction and cornering stability. The torque distribution can vary from 31% front / 69% rear on dry roads to as much as 48% front / 52% rear on slick surfaces.

### **LS 500h AWD with Lexus Teammate™**

Developed based on the Mobility Teammate Concept, Lexus Teammate is built on the belief that people and vehicles can work together in partnership to help achieve safe, convenient and efficient mobility. Lexus Teammate™ on the LS 500h AWD provides two functions: Advanced Drive and Advanced Park.

#### **Advanced Drive**

Advanced Drive is designed to be used on limited access highways in order to detect driving conditions to plan and execute acceleration, braking and steering commands to maintain the vehicle within the lane, follow other vehicles, change lanes, navigate certain interchanges and traffic jams and help to overtake slower vehicles. It supports SAE Level 2 functionality that under certain conditions, can also offer hands-free capabilities while keeping your eyes on the road. This feature can benefit the driver by helping to reduce fatigue over long periods of driving and empowering the driver to pay better attention to the surroundings for safety.

#### **Advanced Park**

Advanced Park assists the operations necessary for hands-free parking by automatically controlling steering, acceleration, braking and gear changes when parallel parking or backing into a parking space. Using 360-degree sensing, which integrates the functions of complete-circumference cameras and ultrasonic sensors, the system also provides a bird's-eye view display to allow the driver to check the vehicle's position relative to any obstacles during Advanced Park operation.

### **Intuitive Connected Services**

The 2023 LS embraces continuous improvement with the introduction of the new state-of-the-art Lexus Interface multimedia system, with a 12.3-inch touchscreen display. The Lexus Interface multimedia system and connected services present a re-envisioned user experience for LS guests. The system features the latest display featuring higher resolution and smartphone-like, anti-glare technology. Users can interact with the system through intuitive touch and voice activation controls.

Lexus Interface incorporates a Voice Assistant available through voice activation or accessible via a button on the steering wheel. Simple phrases like "Hey Lexus" awaken the system for voice-activated commands. Developed with a human-centered approach, the Voice Assistant allows for a natural and intuitive way for guests to interact with the new multimedia system. Designed with dual microphones, enhanced noise-cancellation, seat detection and speaker location capabilities, the system enables a voice-first approach providing front seat occupants an expanded and interactive experience to access media, phone and vehicle settings, such as climate control.

Safety Connect and Service Connect, a suite of services that help drivers stay secure while on the road, are now available with up to a 10-year trial\*.

With a Drive Connect trial or subscription, drivers and passengers have access to Cloud Navigation, Destination Assist and the Intelligent Assistant features. The cloud navigation offered through Drive Connect allows for real-time traffic and routing information and Points of Interest (POI). To ensure up-to-date search capability, Google POI data is integrated. Destination Assist also gives access to 24/7 live agent assistance to locate the next destination. Intelligent Assistant expands upon the standard Voice Assistant capabilities. Convenience features such as weather and location-based notifications are accessible, including address and POI search with navigation through Intelligent Assistant. With a Wi-Fi Connect trial or subscription, Integrated Streaming offers integrated audio streaming functionality.

Lexus Interface also allows for dual Bluetooth® phone connectivity, with support for standard wireless Apple CarPlay® and Android Auto™ compatibility.

\* Interface services are 4G network dependent.

\*\*Available for an additional charge

### **Next-Level Interior**

For 2023, Lexus LS customers will be able to continue to appreciate the brand's signature attention to detail. With a total of six throughout the cabin, guests can stay connected and charged as they go throughout their day.

Luxury or Executive Packages offer Haku interior ornamentation as an option. The creation of Haku foil is a Japanese technique that has been passed down over 400 years. It is made by meticulously flattening a piece of metal until it becomes as thin as one ten-thousandths of a millimeter. The Haku foil is so extremely thin that it must be applied by hand with exquisite craftsmanship, achieving a delicate shine reminiscent of moonlight reflecting over ocean waves.

On Executive models, the available Kiriko Glass ornamentation and available hand-folded pleats on the door trim perfectly illustrate the brand's "Innovative elegance through Japanese craftsmanship" and exemplify a true handcrafted approach. The striking cut glass ornamentation – a world first in a production vehicle – draws inspiration from Japanese Kiriko glassware. Traditional Kiriko patterns are created using a technique that involves hand-cutting clear colors and delicate lines in a piece of glass, which are then repeatedly polished to a soft glow.

While the LS is an exceptional driver's car, Lexus has optimized it as a car to be driven in, lavishing considerable attention to the rear seat. There are options for both heating and massage in addition to the Executive Package which adds a passenger-side seat which can be reclined, when the vehicle is parked, up to 48 degrees, an angle chosen for its precise level of comfort.

Lexus equipped the available air suspension with an access function. Activated by unlocking the car with the smart key, access mode automatically raises the vehicle to make it easier to step into or get out of the LS.

### **Looking the Part**

The LS offers a host of interior creature comforts for driver and passengers alike, and yet the careful attention to exterior detail ensures the LS is majestic at a standstill or while in motion. The front of the LS is adorned with a front bumper with a stylish front fascia, while the lower radiator air intakes are squared to express a sturdy stance. The color of the dark metallic, spindle grill provides an elegant appearance befitting a flagship product. The 3-projector LED headlamps feature a vertically stacked layout. The deep headlamps and squarish sub-radiator grilles positioned to the outside help to form the confident nature of the vehicle's stance.

The 2023 LS 500 will be offered with nine exterior colors options depending on grade: Ultra White\*, Eminent White Pearl\*, Atomic Silver, Manganese Luster\*\*, Iridium\*, Obsidian, Caviar, Matador Red Mica and Nightfall Mica.

\*Available for an additional \$500 charge

\*\*Available for an additional \$595 charge

### **F SPORT Brings Style and Dynamic Handling**

In the F SPORT version of the LS, the garnish of the sub-radiator grilles wraps around to the sides to underline the vehicle's wide stance. Other elements that help to accentuate the F SPORT's more dynamic image include a dedicated color for the spindle grille, and 20-inch alloy wheels with 245/45RF20 front and 275/40RF20 rear tires in either summer performance or all-season compounds.

Lexus took full advantage of the GA-L platform's inherent driving agility when developing the F SPORT package. Handling enhancements via the latest iteration of the VDIM system allow for integrated management of these chassis dynamics as a single system. In addition, larger front and rear brakes — six-piston aluminum monoblock calipers with ventilated 15.7-inch rotors in front and four-piston calipers with 14.1-inch rotors in back — assure confident stopping power. The available Dynamic Handling Package on RWD F SPORT models adds Variable Gear Ratio Steering (VGRS) system, Active Rear Steering and an Active Stabilizer Suspension.

Special F SPORT rocker moldings, along with the aforementioned 20-inch wheels, accentuate the rakish LS profile. Lexus infused the F SPORT persona throughout the cabin, starting with the perforated-grill pattern on seating surfaces and Naguri aluminum trim elements. F SPORT 28-way electric/pneumatic seats with passenger-seat power cushion-length extenders brace occupants when driving through curves, ensuring exceptional comfort no matter the length of the drive.

### **Advanced Safety Features and Driver Support**

For 2023, all LS 500 models will come standard with Lexus Safety System+ 2.5, which brings a suite of key active safety features to the vehicle. For starters, the Pre-Collision System (PCS), which includes Frontal Collision Warning (FCW), Automatic Emergency Braking (AEB), Pedestrian Detection and Bicyclist Detection. At intersections, the system has the capability under certain conditions to recognize an oncoming vehicle when performing a left-hand turn, or a pedestrian when performing left and right-hand turns, and is designed to activate typical PCS functions if needed.

All-Speed Dynamic Radar Cruise Control (DRCC) can be activated above 30 mph and is designed to perform vehicle-to-vehicle distance controls down to 0 mph and can resume from a stop. DRCC also includes a feature that allows for smooth overtaking of slower vehicles. If traveling behind a vehicle going slower than the preset speed, once the driver engages the turn signal, the system will provide an initial increase in acceleration in preparation for changing lanes and; after the driver changes lanes, the vehicle will continue acceleration until it reaches the original preset driving speed.

Lane Departure Alert with Steering Assist (LDA w/ SA) is designed to help notify the driver if it senses an inadvertent lane departure at speeds above 32 miles per hour via steering wheel vibrations or audible alert. It can also take slight corrective measures to help keep the driver within the visibly marked lane. When DRCC is set and engaged, Lane Tracing Assist (LTA) is designed to provide slight steering force to help steer to the center of the lane to assist the driver with staying in the lane using visible lane markers or a preceding vehicle. LTA alerts the driver with a visual warning and either an audible alert or steering wheel vibration.

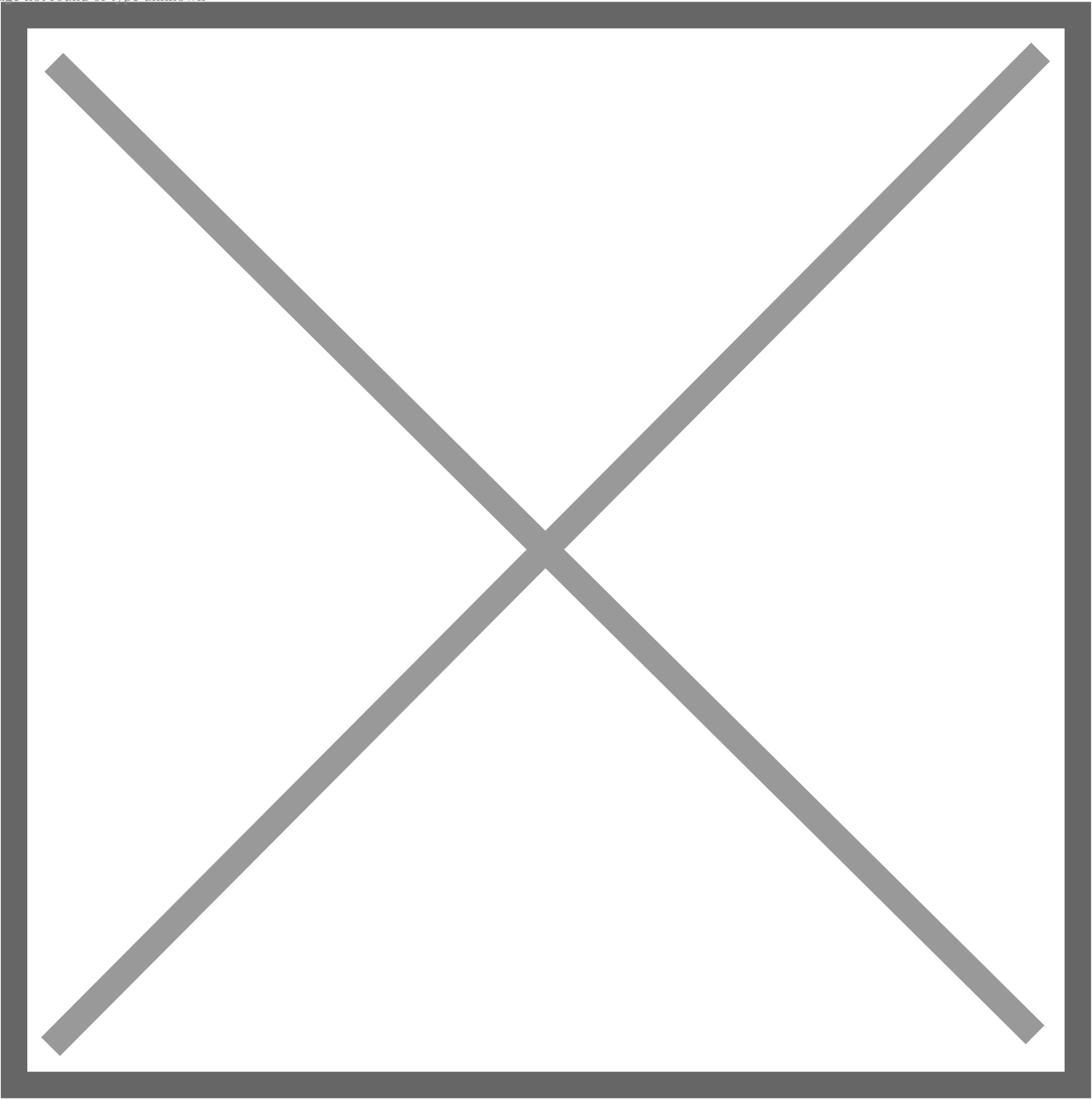
Additional Lexus Safety System+ 2.5 features include Intelligent High Beams, which detects preceding or oncoming vehicles and automatically switches between high beam and low beam headlights. Road Sign Assist (RSA) is designed to acquire certain road sign information using a camera and navigation maps when data is available and displays them on the multi-information display (MID).

Available Lexus Safety System+ A encompasses an expanded response range of the Pre-Collision System (PCS). It includes Front Lateral Side PCS, which employs a lateral side radar designed to detect vehicles approaching diagonally in front of the Lexus. If the system determines a collision may occur, it warns the driver to perform evasive maneuvers. Additionally, Brake Assist is applied if the system determines there is a high probability for a collision, helping the driver avoid a collision or mitigate the impact force to occupants and the vehicle. Front Cross-Traffic Alert (FCTA) is designed to, under certain circumstances, warn the driver of vehicles approaching from the left or right at intersections.

Lane Change Assist allows the vehicle to perform a driver-triggered and monitored lane change using the front camera, millimeter wave radar, front side radar sensor and Blind Spot Monitor sensor when Dynamic Radar Cruise Control and Lane Tracing Assist are in use. Lane Change Assist uses driver activation of the turning signal as a cue to engage and supports lane changes by monitoring the surrounding road environment and, at the appropriate timing, controls steering as well as acceleration and deceleration.

## 2023 Pricing

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