



LM

LM 350h

GRANDEUR. CRAFTED.







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



## CRAFTING A NEW TRANQUIL REALM

Within the meticulously crafted confines of the second-generation LM, quietness and tranquility reign supreme. The peaceful interior provides a respite from life's stresses: creating a calming refuge that recharges. For those that live life at the helm, it can also enable continuous productivity away from the office.

The unique blend of peace and quiet is made possible by the effortless power and fuel economy of a 2.5-liter hybrid.

Rooted in intuitive human-centered experience, the Lexus Driving Signature (LDS) facilitates a distinct and engaging driving interaction. Yet, the Lexus LM pushes LDS further; broadening its perspective to focus on rear guests' riding experience. By adjusting the operation of essential components such as steering, acceleration and suspension, LM delivers a more restful chauffeured ride.

Only at Lexus, with unprecedented attention to every detail, would crafting such an exquisite sanctuary be possible.



BODY + PLATFORM

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SPECIFICATIONS

# BODY + PLATFORM



## BODY + PLATFORM

LM's chassis and body structures employ substantial bracing and reinforcement to maintain a calm, predictable driving composure. Overall rigidity is increased, drastically reducing yaw, pitch and roll. Added reinforcement is found at the front and rear suspension (structural support), radiator (front circular structure), cowl (steering system stiffener and bracing), and B-, C-, and D-pillars (gusset structures).



### LIGHTWEIGHT BODY

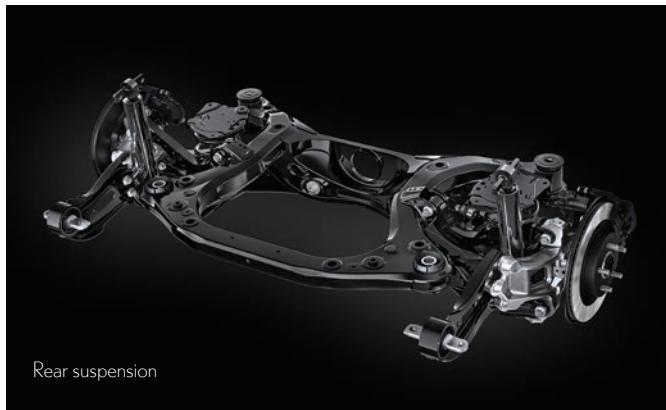
LM's thinner panels save 12.3 kilograms and all-new 0.7-mm thick aluminum sliding doors save 18.5 kilograms, whilst still ensuring safety.

PANEL THICKNESS	A Hood	B Front Quarter	C Front Door	D Roof	E Rear Quarter Panel	F Backdoor
<b>NOW</b>	0.6mm	0.65mm	0.65mm	0.6mm	0.65mm	0.6mm
<b>WAS</b>	0.65mm	0.8mm	0.7mm	0.8mm	0.75mm	0.65mm

## SUSPENSION



Front suspension



Rear suspension

### IMPROVED SUSPENSION GEOMETRY

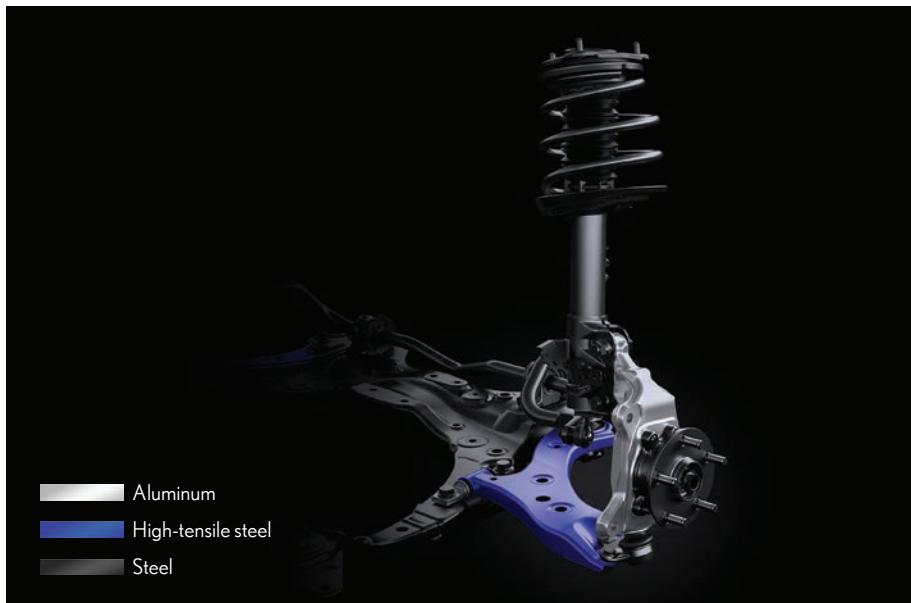
The geometries of the front MacPherson strut-type and rear trailing arm type double-wishbone are enhanced for improved absorption and deflection of road inputs. This delivers a more controlled driving experience, higher passenger comfort levels and a roomier interior.

### LIGHTENED SUSPENSION

Aluminum front and rear suspension carriers, and a new hub bolt fastening system, contribute to LM's light weight, without sacrificing the required stability. The latter system provides a higher axial force, which widens the tires' contact patches and improves steering response.

### ADAPTIVE VARIABLE SUSPENSION (AVS)

LM's AVS system provides improved stability and superior steering response for a comfortable ride. AVS uses linear solenoid-type actuators to modify the shock absorbers' damping force with near-instant adjustments based on driving operation and road conditions. The world's first Frequency Sensitive Valves within the dampers further reduce noise and vibration inside the cabin.



## BRAKING



### ELECTRONICALLY CONTROLLED BRAKE (ECB) SYSTEM (AHB-G)

With its pressure-on-demand system, ECB braking provides excellent controllability, responsiveness and a natural brake feel with an optimum balance between brake effectiveness and rigidity. Front-rear pressure regulation is independent, so front-rear brake force distribution can be better applied, therefore enhancing ride stability and quality.

### VEHICLE BRAKING POSTURE CONTROL (PITCH CONTROL)

During braking maneuvers, front-rear brake force distribution varies according to the driver's braking input and the suspension's vertical inputs. Brake force is concurrently weighted toward the rear to reduce pitch changes and suppress vehicle lift, thus improving rear seat ride quality and minimizing front-to-rear head movements.

### VEHICLE BRAKING POSTURE CONTROL (ROLL CONTROL)

During cornering maneuvers, posture control programming employs the LM's braking system to suppress roll and stabilize the vehicle's posture. When a lateral acceleration sensor detects excessive roll rate, nominal braking force is applied to the rear inner wheel to generate anti-lift force that effectively pushes the vehicle body down, reducing the roll growth rate and improving posture.

### WHEEL CONSTRUCTION

LM comes with 19-inch x 7-inch forged aluminum wheels.

# POWERTRAINS





## 2.5L-HEV / E-FOUR

A 142kW, 2.5-liter four-cylinder engine is teamed with an all-new high-output, low-resistance nickel-metal hydride battery that offers a high level of output and fuel economy. The 216-cell battery is located below the front center console and seats, thus enabling improved passenger comfort. The available E-Four, Lexus' innovative all-wheel drive system, places a motor at the front (134-kW output) and rear (40-kW output) axles for near-instantaneous drive force application in low-grip or acceleration scenarios.

# DESIGN



## EXTERIOR

**EVOLVING THE RESOLUTE LOOK**

Designers approached LM's styling with a fresh perspective. Instead of founding LM's overall shape on the iconic spindle grille, they began with what is known as the Unified Spindle – the centerpiece of Lexus' Resolute Look that first debuted in 2003. From this piece, LM's proportions remain sleek, wide, and focused on an optimal rear-seat-forward aesthetic, thus expressing superb comfort and performance.



## FRONT

### UNIFIED SPINDLE WITH RESOLUTE LOOK

The LM's protruding Unified Spindle grille is placed below the slim triple-beam LED headlights to express a modern, intelligent façade. The Function Crevasse, a slender crease running above the headlights and below the sloping hood, aids in reducing airflow pressure and drag coefficient. The seamless grille, not only effectively directs and deflects air to improve the powertrain's cooling efficiency, it also enhances the passengers' ride comfort.



## REAR

### SOLID STANCE

An expansive L-Signature bar lamp features an additional horizontal lamp placed above. The three-dimensional lighting unit spans from D-pillar to D-pillar to emphasize LM's width and sturdy stance.



## SIDE

### 'REAR-SEAT-FIRST' PROFILE

An elongated silhouette with a low beltline produces a 'rear-seat-first' appearance that emphasizes the front and rear tires while maximizing passenger space and outward visibility.

## AIRFLOW



### ENGINEERING THE 'SILENT BODY'

Tranquillity is achieved through aerodynamic astuteness. Engineers have developed one of the most aerodynamically efficient and airtight body structures ever to wear a Lexus badge. Because of the so-called 'silent body', passenger comfort benefits immensely.



### WIND NOISE REDUCTION

A low-profile A-pillar sits nearly flush with the windshield and front passenger window glass to combat buffeting noise. A hood rectifier, designed to reduce vortices in the area, resides where the windshield meets the hood. And the exterior mirrors' shape suppresses vortices – and noise – when air rushes by.

### ADVANCED AIRFLOW

Body molding that sits as flush as possible to the LM's window glass improves overall aerodynamics and handling stability. At the lower body, sculpted rockers wear air-directing fins to promote a flat, stable ride and stifle body roll. A dimpled underbody cover manages air vortices for the benefit of stability at higher speeds.

## SEAMLESS GRILLE

The seamless Unified Spindle's shape makes the LM more aerodynamic, which benefits steering response, improves ride quality, and adds to passenger coziness.

## ACOUSTIC GLASS

The windshield, front quarter, front door, and sliding door utilize acoustic glass for the reduction of high-frequency wind noise.

## BODY TIGHTNESS

By making LM's body tighter, aerodynamics have been improved and drag has been reduced.

## INTERIOR

**BLENDING OF WORLDS**

Part living room, part office space, a sense of calmness saturates LM's interior. This is especially true in the rear cabin where the environment seamlessly blends the two distinct worlds within the well-appointed, capacious sanctuary.

Owners can choose either a four / seven - seat configuration to accommodate their requirements. The former arrangement is catered to chauffeur driving and the latter to business or family mobility. Either selection offers an unperturbed, minimalist design highlighted by expansive outward views, a bevy of human-centered technologies, and, of course, superlative comfort.



### INTERIOR PERSPECTIVE

LM's interior perspective is guided by a stunning and welcoming aesthetic, a smooth, comfortable ride quality, and calming acoustics.



### WELCOMING DECOR

Materials, along with their colorings and textures, interplay masterfully to accentuate a welcoming aesthetic characterized by modern vertical and horizontal styling.

## ILLUMINATION

Decorative lighting conveys Omotenashi to passengers at an emotional level. A selection of 14 indirect lighting colors amplifies the beauty of the space's forms and materials.



### FRONT SEATS

Indirect lighting is on the pull handle, e-Latch lever, and footwell.



### REAR SEATS

Indirect lighting is on the ceiling, side trim, and footwell for all seat configurations.



### SERENE QUIETNESS

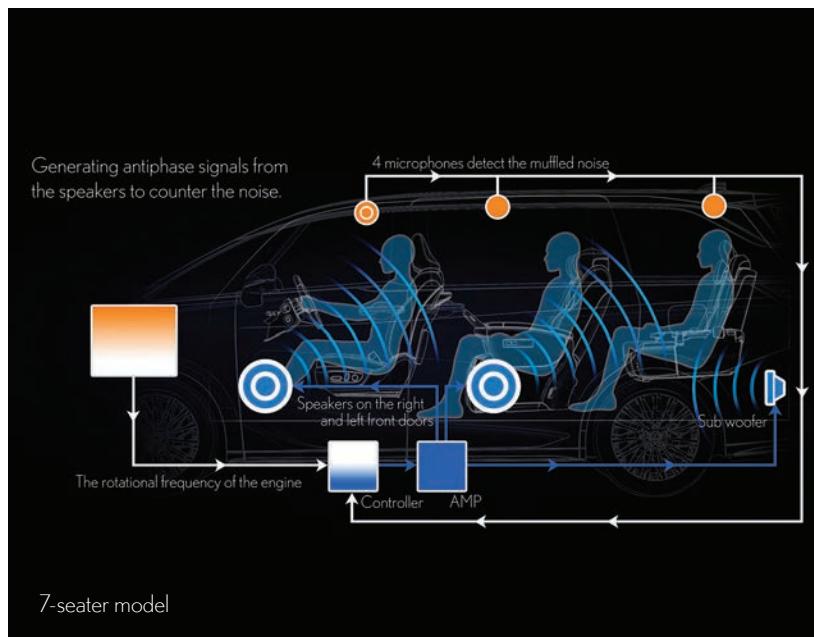
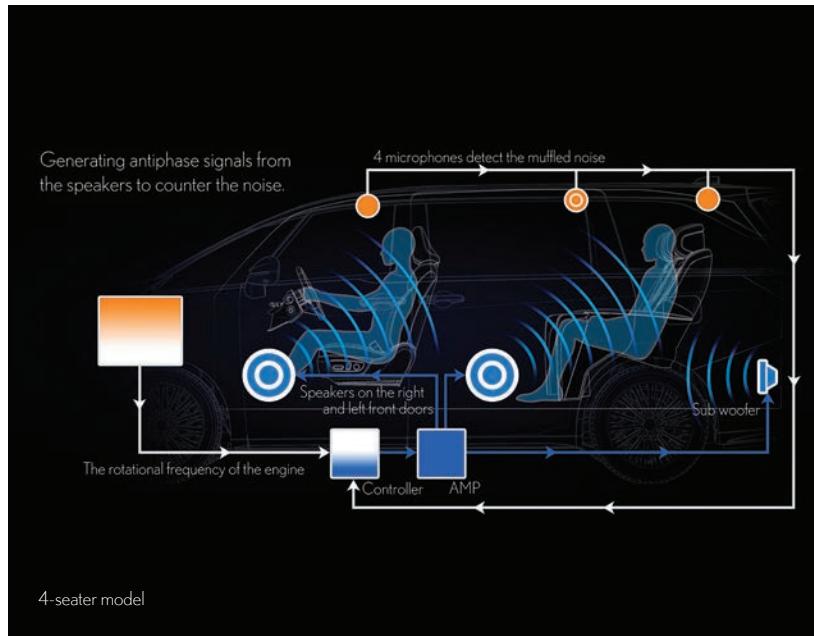
Upon entering and well into a journey, the atmosphere is one of serene quietness thanks to the inclusion of noise- and sound-controlling measures. A feeling of calm insulation enables unobstructed conversation, movie watching, or focused productivity.



### REAR COMFORT MODE (RCM)

Part of the Drive Mode Select feature (Normal, Eco, Sport, Rear Comfort, & Custom), the RCM is a sophisticated program that orchestrates Adaptive Variable Suspension, Electric Power Steering, and braking to minimize squat and dive during acceleration and braking, in real-time.

RCM vastly improves rear passenger comfort by maintaining level seating positions, thereby mitigating overall head and body movement. Passengers can read and write without abrupt jostling while traveling over most road surface types and topographies.



## ACTIVE NOISE CONTROL (ANC)

ANC maintains acoustic frequencies that our senses perceive as natural and calming, for a relaxed environment.

Four microphones detect unwanted exterior noises and sounds and use LM's audio speakers to output a reverse phase frequency to cancel them out. Microphones placed in the four-seat configuration prioritize the rear seat zone, while those in the four- and seven-seater cover the entire cabin equally.

## LAYERED HEADLINER\*

The LM's new, multi-layered headliner is insulated for more effective noise absorption. This ensures the cabin is a more comfortable space with better-balanced sound frequencies.

## PARTITION SOUND INSULATION\*

The partition's composition includes an interlayer film for sound insulation. Improved sealing around the partition also improves overall quietness.

## NOISE-PROOFING MATERIALS

Noise-proofing material has been used in optimal locations covering a wide area – including the floor carpet, dash silencer, door trim, and ceiling – to provide a high level of cabin quietness.



- Noise-absorbing roof headlining
- Non-noise absorbing roof headlining\*
- Noise-absorbing Thinsulate at doors and rear cabin
- Noise-absorbing Thinsulate at partition\*
- Noise-insulating material at partition\*
- Noise-absorbing dash silencer at front cabin
- Noise-absorbing felt at underbody
- Wheel-well silencer
- Noise-insulating front floor carpet at front cabin
- Front floor silencer at front cabin floor
- Noise-insulating rear floor carpet and noise-absorbing bead-less mat at rear cabin

\*Four-seat configuration only



## GLASS ROOF

Dual independent roof windows located above the rear seats lend airiness to the area. They can be individually controlled via switches on the front/rear overhead console and rear multi-operation panel.

## FRONT CABIN



### TAZUNA-INSPIRED ENVIRONMENT

The Tazuna (horse's reins) concept informs the front cockpit's design, connecting human and machine intimately and intuitively through driver-oriented placements of pertinent controls, information, and media. The simple, wide-open layout realizes an expansive feel, with the minimalist instrument panel as the space's focal point.



### THOUGHTFUL SEAT DESIGN

The eight-way driver, four-way passenger power front seats use MDI (methylene diphenyl diisocyanate) material in their lower cushioning for superior body stability and pressure distribution, thus reducing poor posture and elevating comfort. Semi-aniline leather, synthetic leather, and Ultrasuede\* cover the seats for a comfortable feel and luxurious look.

\*Black interior only



## CENTRAL TOUCHSCREEN

A 14-inch, full high-definition EMV (Electro Multi Vision) wide display shows climate control, multimedia, and vehicle system settings. Depending on market specifications and settings, Apple CarPlay seamlessly connect to paired devices upon engine start-up. Physical dials on the screen's lower corners control cabin temperature and audio volume levels.

## TAZUNA ELEMENTS

- A | Steering wheel-mounted switches and controls
- B | Low instrument panel placement for optimal field of view
- C | Color, 10-inch Heads-Up Display (HUD)\*
- D | Intuitively placed controls for navigation functions, audio system, and driving mode selection within easy reach to promote minimal movement of the driver's line of sight
- E | Easy-to-reach e-Latch, door grip, and power window switches

\*HUD only for 7 seater

## OPTIMIZED PLACEMENT OF CONTROLS

The steering wheel, accelerator pedal, brake pedal, and footrest sit more upright to optimize the driver's posture. This minimizes muscle load for a more comfortable driving experience.

## TAKUMI CRAFTSMANSHIP AND OMOTENASHI

The seamless transition of shapes and stitching from dashboard to door evokes quality and sophistication. Large cupholders, storage cubbies, and device charging (two USB Type-C ports in the four-seater; two USB Type-C ports and Qi wireless charger in the seven-seater) are housed in the front console box.

# CONFIGURATIONS



## FOUR-SEAT CONFIGURATION



### VISION

Seating found in private jets, first-class commercial airline cabins, cruiser boats, and yachts inspired the look and feel of LM's seats. Their ergonomically-optimized shape incorporates an anti-vibration frame and bowed armrests for optimal comfort.

Twin power seats with ottomans serve as the centerpieces of the rear's seamless vertical and horizontal look. More than ornate thrones, the seats are among the most advanced and comfortable ever crafted by Lexus.

## PARTITION



### DIMMABLE AND ELEVATABLE GLASS

Three modes control sound transmission and visibility: Open, Privacy (elevated glass with transparent visibility), and Full Privacy (elevated glass with frosted dimmed glass).

Placement of the glass opening allows for an excellent field of view from the twin rear seats. The front instrument panel is out of sight, while the road ahead can be seen by passengers to prevent car sickness.

### SURROUND-SOUND SPEAKERS

Two, ten-centimetre diameter surround-sound speakers reside on the top edge of the 48-inch ultrawide screen.

At this position, the sound image is better aligned with occupants' ears, providing excellent sound localization. The stainless steel grilles, made for tailored rib and ratio placement, maximize acoustic performance.

### SLIM AIR CONDITIONING REGISTERS

Electric registers make for automatic (via Climate Concierge) or directed (via the multi-operation panel) adjustments of climate control airflow.



### ASSIST GRIPS

Integrated on both sides of the partition, the takumi-designed grips are discreet grab handles that provide a solid, comfortable foundation for a firm grip. Their seamless construction blends with the clean aesthetic.



### FOOTWELL STORAGE AND REFRIGERATOR

Located above each footwell, twin gloveboxes provide additional small item storage. A central refrigerator sits between them.



### UMBRELLA STAND

An integrated small belt (maximum diameter of 40 mm) holds either a straight-handled umbrella or small shoehorn.

## CABIN



### 48-INCH ULTRAWIDE SCREEN

The 3840 x 1080 resolution display offers single or dual-screen viewing modes. Its height is set within 15 degrees of horizontal – the ideal angle for television viewing. The angle also allows for the forward viewing of the road ahead through the elevating glass with dimming function, if desired. Two viewing and listening modes are available thanks to a Lexus-first, three-way independent audio output system, which enables individual or linked viewing of content between front and rear passengers. Android devices can stream content directly onto the screen, while Apple devices can do so via a wired HDMI or Apple TV connection.



### UNIVERSAL STEP

A powered step deploys and stows in coordination with the sliding door's opening and closing. This reduces the step height to around 220 millimeters, allowing for easier ingress and egress when passengers are formally dressed.

### PERSONAL CHARGING STATIONS

A Qi-wireless charging station and two USB Type-C ports are located next to the seats' outer armrest within the covered quarter box. A headphone socket is also included.



### MARK LEVINSON REFERENCE 3D SURROUND SOUND SYSTEM

The 23-speaker surround sound audio system minimizes front-to-rear localization variability and provides precise stereophonic sound with excellent spread. Speaker placement realizes a three-dimensional effect, culminating in an embracing, profound listening experience akin to being at a live concert venue. Clari-Fi compressed sound source restoration technology analyzes the compressed sound source in real-time and complements lost data components, restoring natural vocals and stereo ambience.



### CENTRE CONSOLE STOWAGE

Two compartments at the lower front of the central console can accommodate small items.



### OVERHEAD CONTROLS

A sleek control panel sits above and center of the rear seats. Settings for window shades, roof sunshade, ambient illumination, and air conditioning can be adjusted via the control panel. Dual LED-illuminated vanity mirrors can be tilted to an increased 140 degrees for improved visibility when checking one's neck area or tying a tie.



### MULTI-OPERATION PANEL

Located atop the center console's front edge, the panel consists of two independent remote controllers that command rear seat functions, as well as Lexus Climate Concierge, audio, and ambient illumination settings. A warning buzzer sounds when the controllers leave the interior's immediate vicinity.

### LEXUS CLIMATE CONCIERGE

A one-stop, integrated control of the rear area's comfort equipment, including seat reclining, air conditioning, ambient illumination, and shade functions. Passengers can select one of five pre-set modes – Dream, Relax, Focus, Energise, My Original – on the multi-operational panel controllers that best reflect their desired environment. The system automatically adjusts the comfort equipment's settings based on temperature readings taken from an infrared matrix sensor located at the partition's top center. The sensor detects the temperatures of the area's surfaces (windows, trim, ceiling, etc.) and estimates the warmth of four body areas (face, chest, upper leg, lower leg) during its adjustment and application of air conditioning and seat heaters/ventilation.

## SEATING



### SOFT SURFACE LAYER

Two types of vibration-absorbing materials – low-resilience foam (high viscoelasticity traits) and urethane (high sitting pressure dispersion quality) – encompass the body to provide proper support, reducing vibrations transmitted from outside the vehicle.

### FIXED HEADREST

A large headrest features a high-back design and concave center cushion to accommodate a wide range of head sizes and shapes, as well as body postures.

### SEAT OPERATION

A seat-shaped control located on the center console adjusts the seat's reclining, lower seat cushion tilting (new), ottoman extension, and heating and cooling functions. If desired, the seat can be fully reclined to a flat position.\*

\*Please use this function with care when the vehicle is in motion.



### ARMREST TABLE AND STORAGE

Each chair's outside armrest contains a stowable table that can serve as a stable foundation for a tablet, notebook, or laptop computer. While deployed, the table can rotate, allowing for easy reach into the refrigerator. The inside armrest features a two-way opening console lid that covers a useful storage area.



### RELAXATION FUNCTION

Air bladders within the seat's back and cushions can inflate and deflate to apply pressure on a passenger's body, from thighs to shoulders.

Seven unique programs (each lasting 15 minutes) and five pressure levels enable a relaxing experience to suit any given mood.

## SEVEN-SEAT CONFIGURATION



The layout prioritizes the second row of business-class-like passenger seats, while at the same time through the implementation of thoughtful amenities, is mindful of additional passengers, their comfort, and individual privacy needs.

As with its four-passenger variant, the space's seamless vertical and horizontal design motif amplifies a welcoming, wide-open feel. Expansive windows provide unobstructed outward views, flooding the cabin with natural light and energy. Aisle (walk-through between seats) or aisleless specifications are available.

## CABIN



### MARK LEVINSON REFERENCE 3D SURROUND SOUND SYSTEM

The 21-speaker surround sound audio system minimizes front-to-rear localization variability and provides precise stereophonic sound with excellent spread. Speaker placement realizes a three-dimensional effect, culminating in an embracing, profound listening experience akin to being at a live concert venue. Clari-Fi compressed sound source restoration technology analyses the compressed sound source in real-time and complements lost data components, restoring natural vocals and stereo ambience.



### PERSONAL DEVICE CHARGING

A USB Type-C port on the lower section of the second-row passengers' seats enables quick and convenient device charging. An HDMI port and 220V power supply are found on the center console end.



### UNIVERSAL STEP

A powered step deploys and stows in coordination with the sliding door's opening and closing. This reduces the step height to around 220 millimeters, allowing for easier ingress and egress when passengers are formally dressed.

## SEVEN-SEAT CONFIGURATION



### LEXUS CLIMATE CONCIERGE

A one-stop, integrated control of the rear area's comfort equipment, including seat reclining, air conditioning, ambient illumination, and shade functions. Passengers can select one of five pre-set modes – Dream, Relax, Focus, Energise, My Original – on the multi-operational panel controllers that best reflect their desired environment.



### REAR SEAT ENTERTAINMENT (RSE)

A minimalist-styled, 14-inch ceiling-mounted high-definition screen fits snugly into the overhead console. When deployed, the screen can display identical content as the front seats, or different content with the independent viewing mode enabled.



### OVERHEAD CONSOLE

A sleek control panel is located above and center of the second row. It integrates small item storage, air conditioning vents, area lamps, and Rear Seat Entertainment (RSE). Controls for lighting and Lexus Climate sunshades are also found here.

## SECOND ROW



### SOFT SURFACE LAYER

Two types of vibration-absorbing materials – low-resilience foam (high viscoelasticity traits) and urethane (high sitting pressure dispersion quality) – encompass the body to provide proper support, reducing vibrations transmitted from outside the vehicle.

### SEAT OPERATION

A seat-shaped control adjusts the seat's reclining, lower seat cushion tilting (new), ottoman extension, and heating and cooling functions. If desired, the seat can be fully reclined to a flat position.\*\*

\*\* Please use this function with care when the vehicle is in motion.



## RELAXATION FUNCTION

Air bladders within the seat's back and cushions can inflate and deflate to apply pressure on a passenger's body, from thighs to shoulders. One program (lasting 15 minutes) and two pressure levels enable a relaxing experience that suits any given mood.

## ARMREST TABLE

The center armrest houses a stowable table wrapped in an upholstery that enhances tactile feel, slip/scratch prevention, and practical functionality when writing or reading.



### MULTI-OPERATION PANEL\*

Located in the second-row seats' inner armrest, the touchscreen remote control commands seat functions, as well as Lexus Climate Concierge, audio, and ambient illumination settings. A warning buzzer sounds when the controllers leave the interior's immediate vicinity.

\*Aisleless specification only



### FRONT SEATBACK STORAGE AND ASSIST GRIP

Both the driver and passenger front seatbacks feature a useful pocket for small items. A shopping bag hook folds seamlessly into the assist grip for additional convenience.



### ADJUSTABLE HEADREST

A large, vertically-adjustable headrest features an ergonomic shape to support a wide range of head sizes and shapes, as well as body postures.

## THIRD ROW



The roomy, thick seat back and cushions wear a combination of semi-aniline leather, synthetic leather, and Ultrasuede\* for a comfortable feel and luxurious look. The seven-seat specifications offer generous space between passengers, with a tray in the centre area.

The third row's reclinable seats can slide forward and backward for additional legroom and their multi-position tip-up function allows better accommodation of luggage. A USB Type-C port is tucked neatly into each side's quarter panel armrest.

\*Black interior only

## LUGGAGE CAPACITY



### FOUR-SEATER

Four 9.5-inch golf bags or two 77-centimeter luggage cases can be stowed behind the second row of seats.



### SEVEN-SEATER

With the third row moved to the frontmost position, two 9.5-inch golf bags and four 9-inch golf bags can fit in the cargo hold, which translates to four 77-centimeter suitcases. Flip up the third-row seats and up to five 77-centimeter suitcases can fit in the cargo hold.

### UNDERFLOOR STORAGE

Depending on market specification, the seven-seater configuration can accommodate small bag storage beneath its cargo hold.

## ADDITIONAL INTERIOR AMENITIES



- Power long slide rail (seven-seat configuration only)
- Multi-position tip-up seat
- Rear-targeted A/C adjustment function (four-seat configuration only)
- Side door See-saw handle switch
- Removable rear multi-operational panel
- Armrest and Ottoman heaters

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# SAFETY



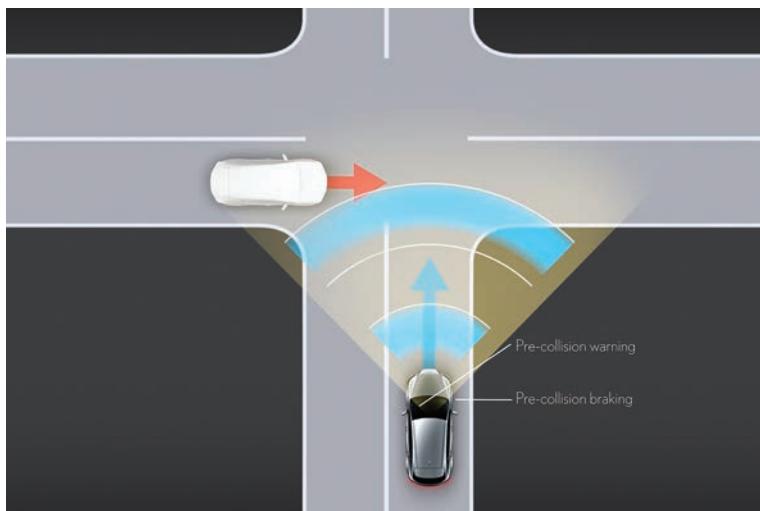
## LSS+ (Lexus Safety System+)

The new LM is equipped with the Lexus Safety System+. It has an expanded detection range on the millimeter wave radar and monocular camera, plus new safety functions, which aim to prevent accidents, further reduce traffic fatalities, and assist drivers on ordinary roads.

Additionally, the LM is equipped with a number of new safety features. Safe Exit Assist is an automatic door-opening cancellation function linked to the Blind Spot Monitor sensor and e-latch system, that supports safe, secure exit.

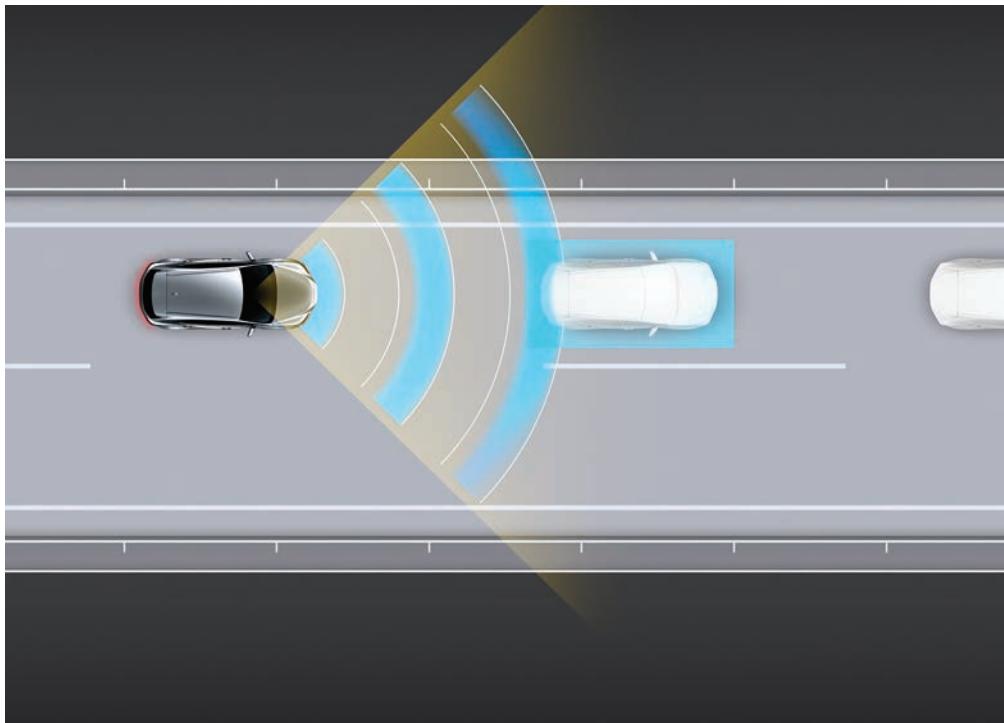
\*Availability of Lexus Safety System+ and its features vary per market.

### Pre collision System (PCS) Vehicle detection - Stationary / Preceding Vehicle only



When the millimetre-wave radar and monocular camera sensors detect a vehicle ahead and determine that a collision is likely, it alerts the driver with a buzzer and on the display. If the system determines that a collision is likely, it alerts the driver and activates the brake support to help mitigate damage.

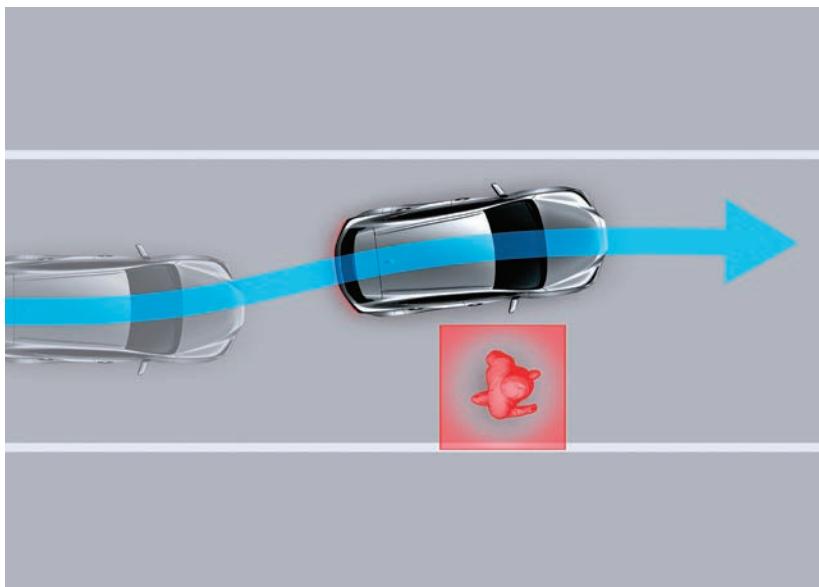
## DRCC (Dynamic Radar Cruise Control with All-Speed Follow Function)



In addition to providing preliminary acceleration in response to the operation of the turn signal when overtaking another vehicle, if a preceding vehicle in the target lane is traveling at a speed slower than the set vehicle speed, the system provides preliminary deceleration, again in response to the operation of the turn signal. This prevents a sudden approach to the preceding vehicle and enhances the sense of security.

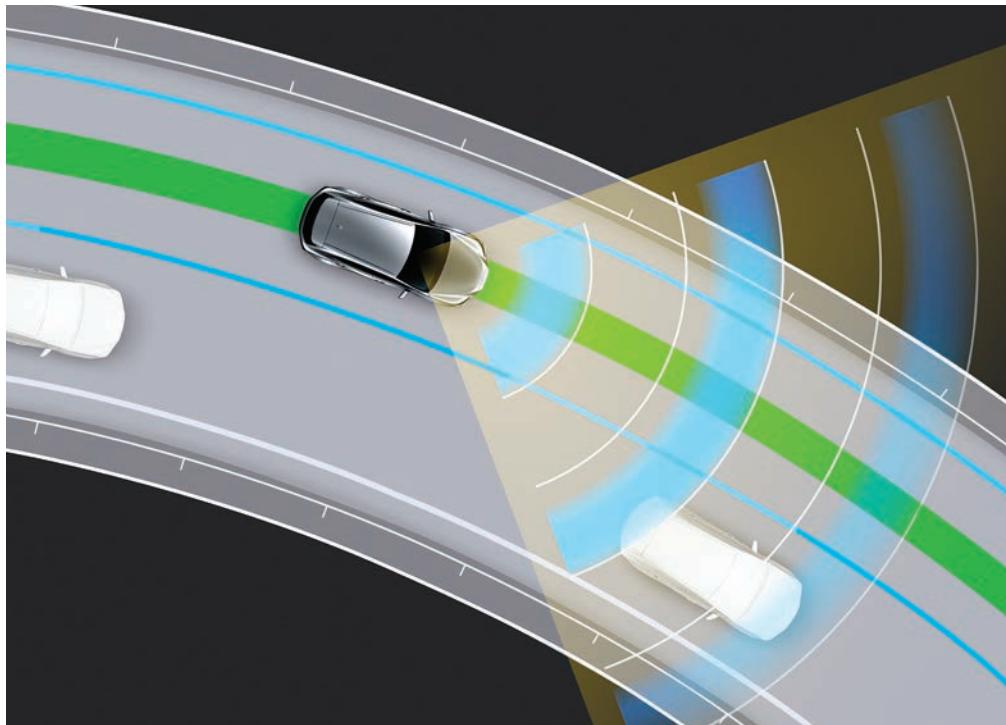
By enhancing the performance of detecting curves ahead and decelerating earlier in accordance with the size of the curve, the curve speed control function has evolved to be more in tune with the driver's senses. When there is a vehicle in the overtaking lane that is slower than the vehicle's speed, the system decelerates the vehicle so that it does not overtake from the driving lane and maintains the distance between the two vehicles.

## LDA (Lane Departure Alert with Steering Assist)



LDA works in tandem with the driver. For example, it deactivates the lane departure warning and restraint functions when it can judge that the driver has made a deliberate manoeuvre to avoid a person or parked vehicle. In addition, the system now recognizes utility poles, curbs, guardrails, walls, and continuous poles, enabling additional support at lower speeds.

## LTA (Lane Tracing Assist)

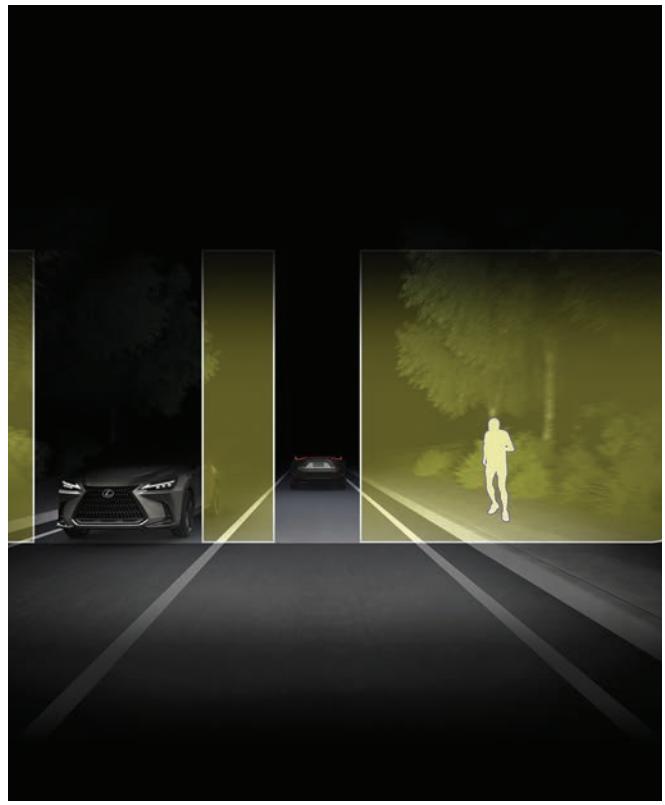


Lane recognition performance has been enhanced to realize smoother and less disruptive steering support. In situations such as overtaking a vehicle in the adjacent lane, or when there is a close distance between the vehicle and an off-road structure, the tracing position is offset from the center of the road to the avoidance side, just like the driver's driving, to achieve cooperative control with the driver.

## AHB (Automatic High Beam)



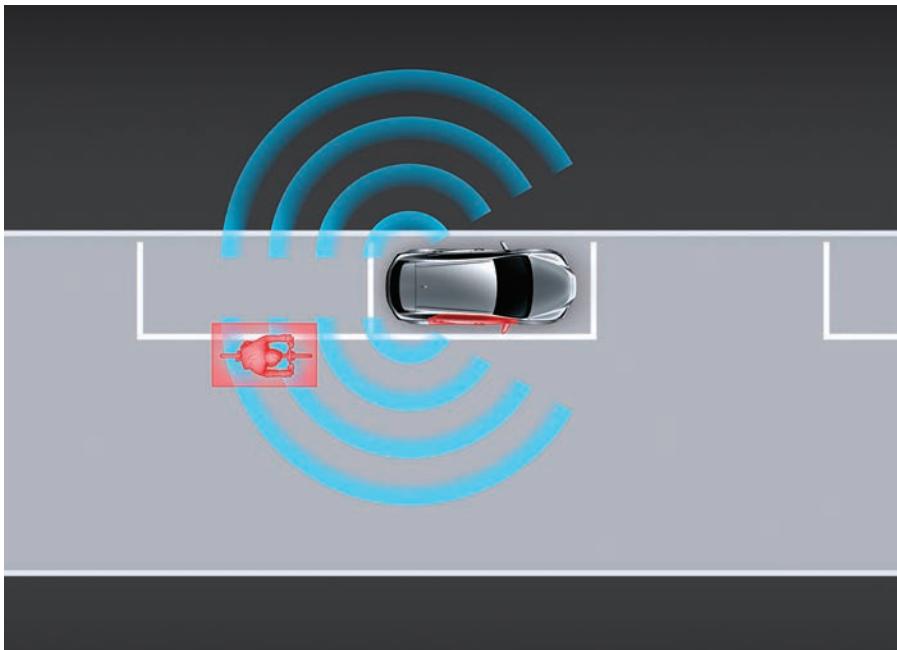
## AHS (Adaptive High Beam System)



Automatic High Beam automatically turns the high beam lamps off if another vehicle is detected and automatically turns the high beam lamps on once the vehicle is gone.

Headlamp light distribution is automatically adjusted once light from an approaching or preceding vehicle is detected by a monocular camera. Twelve independent LED chips within the headlamps can be enabled/disabled for precise control of illuminated or non-illuminated areas.

## SEA (Safe Exit Assist with Door Opening Control)



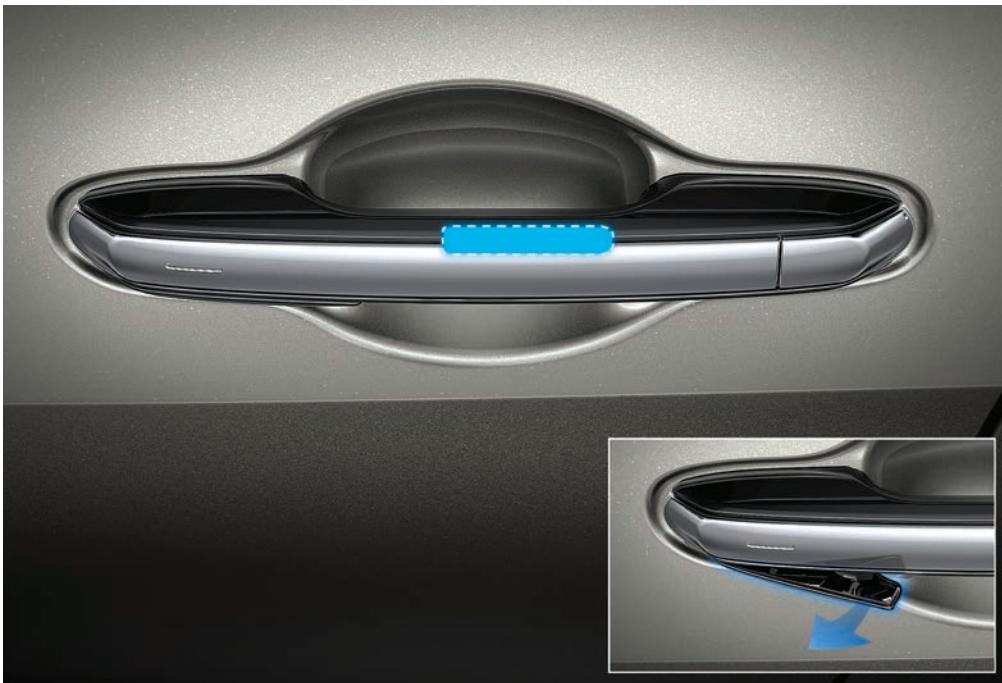
SEA uses the BSM (Blind Spot Monitor System) to detect vehicles or bicycles approaching from the rear, when exiting the vehicle. If SEA determines a collision with an opened door or exiting occupants is a possibility, an indicator in the door mirror lights up to alert occupants. In addition, if an occupant tries to open a door, the e-latch system cancels door unlatch operations. Occupants are alerted by flashing indicators in the door mirror, the multi-information display, and a buzzer.

## BSM (Blind Spot Monitor)



During lane changes, the BSM uses rear lateral side millimeter-wave radar to detect vehicles present in the blind spots (areas in adjacent lanes that cannot be seen using the outer mirrors), and alerts the driver using an indicator in the outer mirror and a buzzer.

## e-Latch System with Door Easy Closer



An e-latch system replaces the conventional door latch/unlatch mechanism with an electronic control that opens and closes doors smoothly with no wasted movements, like a sliding shoji paper door.

To open a door when getting in, simply press the switch on the inside of the door handle while pulling the handle towards you in the usual way. When getting out, the door opens in a single action by pressing a switch while holding the pull handle. If the battery power supply is cut, for instance, due to a collision, the doors can be opened using a manual release handle.

## EXTERIOR AND INTERIOR COLORS

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### EXTERIOR COLOURS



Graphite Black Glass Flake



Sonic Quartz



Sonic Agate



Sonic Titanium

### WHEEL DESIGN

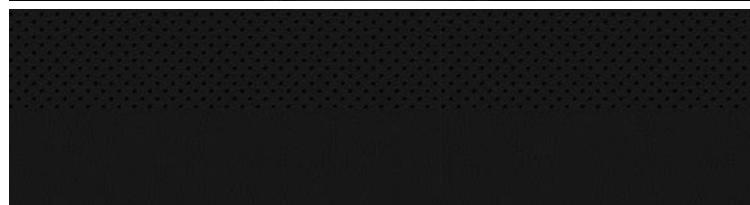


19-inch forged aluminum wheels

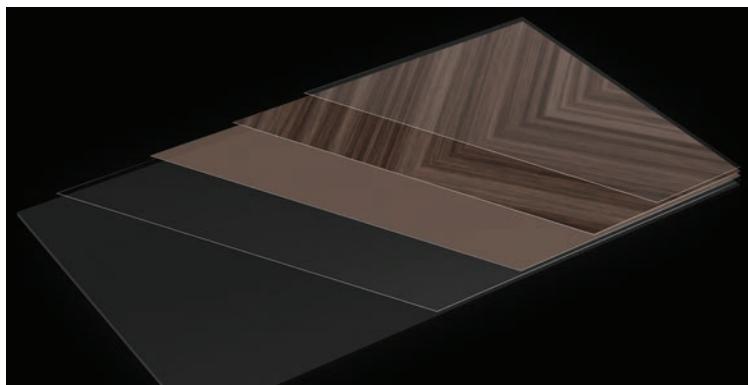
## INTERIOR COLOURS



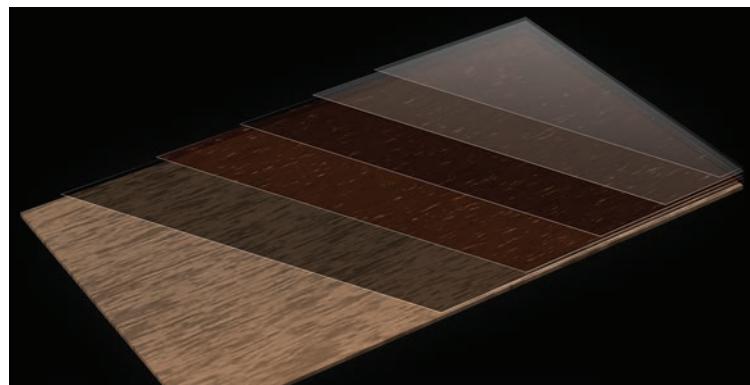
Solis White with Copper



Black with Dark Grey Accents



Yabane



Bengala (Steering Ornament)

## MATERIALS

### YABANE PATTERN WOOD

The highly detailed herringbone woodgrain pattern accents the front dash and rear passenger overhead console. A three-dimensional effect of the woodgrain layer is created through the application of Viscotec, a Japanese 3D printing technology. Four other layers – resin substrate, film, coloring, and matte clear finish – comprise this fascinating material.

### BENGALA COLORING

In Japan, a unique red iron oxide tinge has colored ceramics and buildings for eons. Within LM, it decorates the steering wheel ornamentation and is applied to a black Sumi ink-colored walnut, open-pore wood.

### ULTRASUEDE\*

The soft suede-like lining covers the rear passenger space's ceiling for a luxurious look and feel.

### L-ANILINE

With its ultra-thin surface coloring, the soft, faux leather gives the impression of genuine leather. The material is used on the second row of both seating configurations and is accented by clear piping. The piping features metallic threading within its resin casing.

\*Available for rear seating in four-seat configuration only

Note: Vehicles pictured and specifications detailed in this catalogue 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 <LM350h>

	<b>4 SEAT</b>	<b>7 SEAT</b>
<b>Exterior Features</b>		
Windshield glass; UV (Ultraviolet)-cut/IR (Infrared Ray)-cut green-Laminated glass	●	●
Front door and sliding door window glass; acoustic glass, IR- and UV-cut function	●	●
Rear quarter window and back door window glass; UV-cut green-tinted glass	●	●
Left/right independent glass roof	●	●
Door mirrors; LED side turn signal lamp, auto folding, heater, Aspherical mirror, Reverse linked function, memory, Blind Spot Monitor function, Infrared Ray cut	●	X
Door mirrors; LED side turn signal lamp, auto folding, heater, Aspherical mirror , Reverse linked function, memory, Blind Spot Monitor function , Infrared Ray cut,	X	●
Auto-dimming		
<b>Interior Features</b>		
Multi-information display - 31.2cm full graphic TFT meter	●	●
Leather with heater steering wheel	●	X
Wood and leather , heated steering wheel	X	●
Dimming privacy partition; analog clock, refrigerator, partition trim lower storage spaces	●	X
Sliding Door and rear quarter window sunshades	●	●
Center console box and front box with lid	●	●
Rear console box; partition trim glove box, umbrella stand	●	X
Rear armrests; stowable tables	●	●
Vanity mirrors and lamps (front seats)	●	●
Vanity mirrors and LED lamps (second-row seats)	●	X
Cupholders (front and second-row seats)	●	●
Door pockets (front doors)	●	●
Bottle holders (front and sliding doors, rear quarter trim )	X	●
64-color interior illumination	●	●
Lexus Rear Climate Concierge; 4 zone independent temperature controls for front and second-row seats, with 5 modes for temperature, light, and posture controls	●	●
Air conditioning; rear targeted adjustment function	●	X
<b>Operation</b>		
Power tilt and telescopic steering column without lock	●	●
Steering wheel control switches Normal type	●	X
Steering wheel control switches - Touch Sensor Type	X	●
Position memory switches; 3-memory for driver's seat	●	●
Smart Entry & Start System	●	●
Panoramic View Monitor	●	●
Power back Door with automatic stop Position memory function	●	●
E-latch System with Door easy closer	●	●
Power sliding door switch; see-saw type	●	●
AVS (Adaptive Variable Suspension) System	●	●
Drive Mode Select; Normal, Eco, Sport, Rear Comfort & Custom	●	●
<b>Navigation &amp; Audio</b>		
Lexus Navigation System	●	●
Full HD 35.5cm EMV (Electro Multi-Vision) wide touchscreen display	●	●
21MM multimedia system; with dynamic voice recognition, Wireless Apply CarPlay™ , and wired Android Auto	●	●
Mark Levinson Reference 3D Surround Sound System; 23 speakers	●	X
Mark Levinson Reference 3D Surround Sound System; 21 speakers	X	●
Rear seat entertainment system; 1219cm ultrawide display	●	X
Rear Seat entertainment - 35.5cm ceiling-mounted display	X	●
USB port/mini jack (Center console)	●	●
2 USB ports/HDMI (rear center console box)	●	X
4 USB ports (rear quarter trim)	●	X
HDMI/Power outlet (rear of Center console)	X	●

## MAIN FEATURES <LM350h>

<b>Seats</b>	<b>4 SEAT</b>	<b>7 SEAT</b>
Driver seat - 8-way Power seats ,(Sliding, reclining, lifter and front tilting ) & 4-way (up/down/forward/backward) lumbar support	●	●
Passenger seat - 4-way power seat (Sliding and reclining),2-way (forward/backward) lumbar support	●	●
Rear refresh seats	●	X
Power ottoman (second-row seats)	X	●
Seat Vibrator - Refresh high rear seat	●	X
Seat Vibrator - Smart Refresh rear seat 1	X	●
Ventilated Seats (front seats, second-row seats)	●	●
Seat heater (front seats, second-row seats with ottoman & Arm rest)	●	●
50/50 split, space-up third-row seats; space increase levers	X	●
Multi-position Tip-up Seat (second and third-row seats)	X	●
Power Long Slide Rail (7-seater)	X	●
<b>Safety</b>		
Lexus Safety System + 3.0,	●	●
Pre collision System (PCS) Vehicle detection with braking - Stationary / Preceding Vehicle only	●	●
Dynamic Radar Cruise Control Full Speed range	●	●
Lane Tracing Assist ( LTA)	●	●
Lane Departure Alert ( LDA)	●	●
Adaptive High-beam System(AHS)	●	●
Automatic High Beam ( AHB)	●	●
SEA (Safe Exit Assist) with door opening control	●	●
Blind Spot Monitor system	●	●
Lexus Connected Technology	●	●
ABS (Anti-lock Brake System)	●	●
EBD (Electronic Brake force Distribution)	●	●
Brake Assist System	●	●
Vehicle Stability Control ( VSC)	●	●
Vehicle Braking Posture Control; Pitch Control & Roll Control	●	●
Hill Start Assist control	●	●
Brake Hold	●	●
3-eye LED headlamps; auto-leveling system	●	●
LED DRL (Daytime Running Lamp)	●	●
LED cornering lamps	●	●
LED 'High Mount stop lamp	●	●
SRS side airbags (front seats)	●	●
SRS curtain shield airbags (front Door, Sliding Door and rear quarter windows)	●	●
3-point ELR seatbelts (all seats)	●	●
Pretensioners and force limiters (front seats)	●	●

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

## SPECIFICATIONS <LM350h>

### DIMENSIONS & WEIGHT

Overall length:	512.5cm
Overall width:	189cm
Overall height:	194cm
Wheelbase:	300cm
Tread: Front	161.5cm
Rear	162.0cm
Curb weight: Min - Max	2315 - 2355kg
Gross vehicle weight:	2870kg <sup>*1</sup> , 2880kg <sup>*2</sup>

### ENGINE

<b>LM 350h</b>
2.5-liters, 4-cylinder, Inline
16-valve DOHC, Chain Drive
(with Dual VVT-i)
Piston displacement: 2487cc
Max. output: 142kW / 6000 RPM
Max. torque: 242 Nm / 4,300 - 4,500 RPM
Fuel Injection system: SFI (D-4S)

### TRANSMISSION & CHASSIS

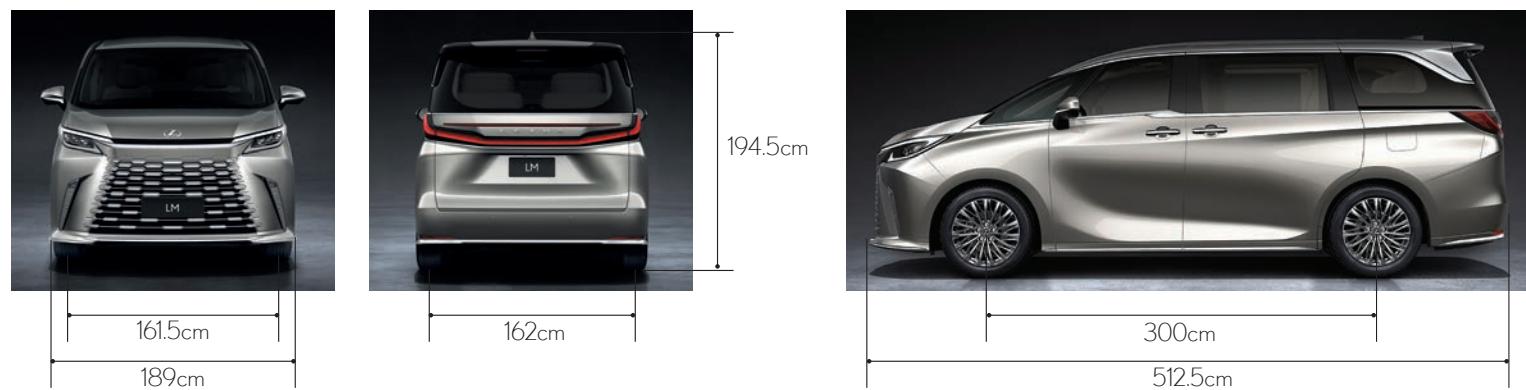
Transmission Type	CVT
Suspension:	MacPherson strut-type (Front)/ Double wishbone type (Rear), coil springs, swing valve shock absorbers, stabilizer bar
Steering system:	EPS (Electric Power Steering)
Brakes: Front	32.8cm ventilated discs
Rear	31.7cm ventilated discs
Minimum turning radius (Tires):	590cm
Fuel tank capacity:	60liters
Tires:	225/55R19(48.2cm)

### MOTOR

<b>LM350h</b>
Front motor: Type
Permanent Magnet Synchronous Motor
Max. output 134kW
Max. torque 270Nm
Rear motor: Type
Permanent Magnet Synchronous Motor
Max. output 40kW
Max. torque 121Nm
Total system output: 184kW

### BATTERY

Type:	Ni-MH (Nickel-Metal Hydride)
Nominal Voltage:	259.2V
No of Battery Modules:	9
Connection method:	Series



#### Disclaimers:

- Addition of extra features may change figures in this chart.
- Lexus India 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.
- \*1LM 350h 4-seater model. \*2 LM 350h 7-seater model.

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.



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