

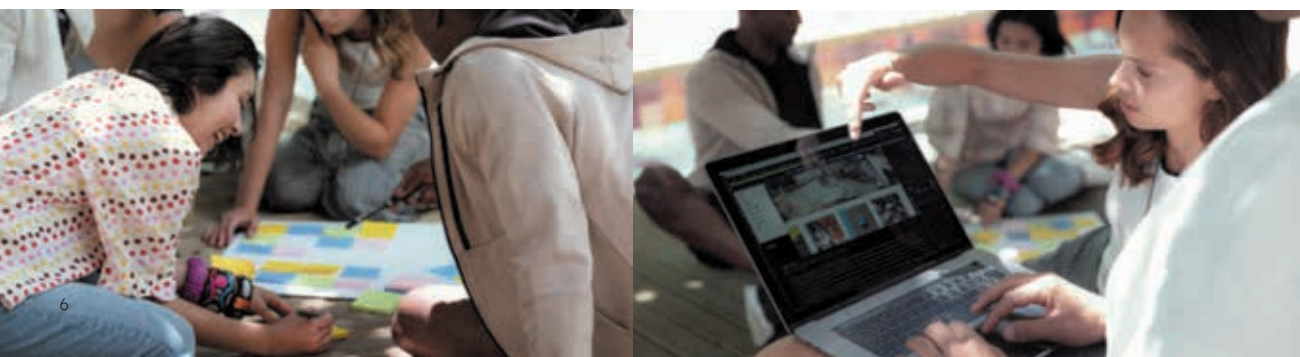
UX

UX 250h



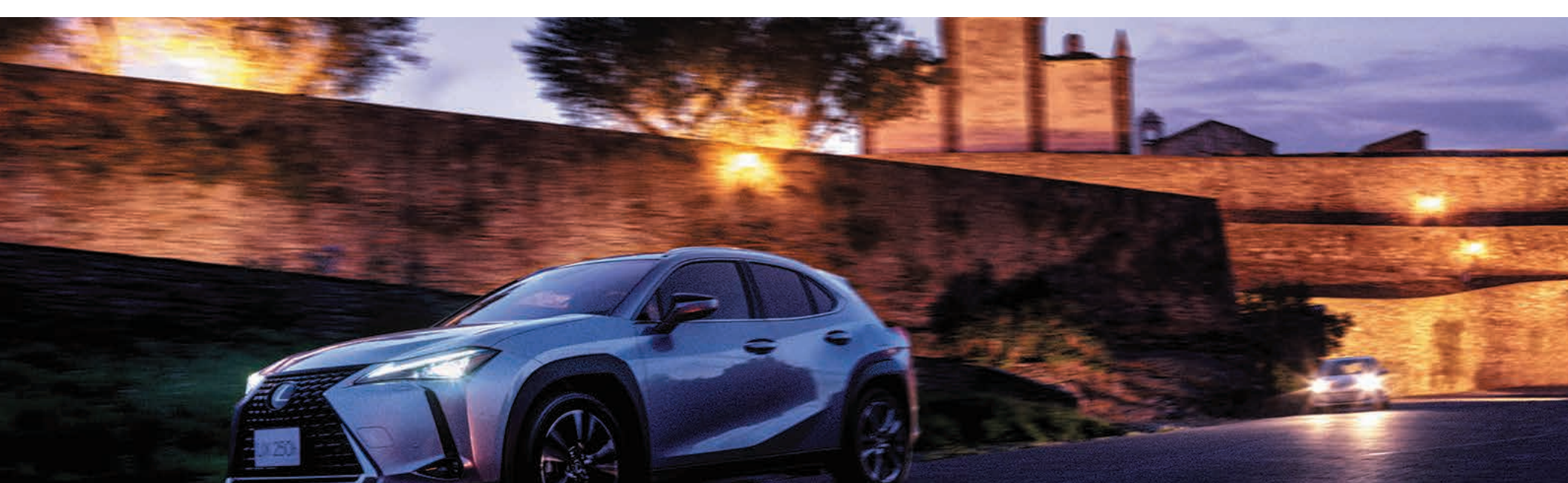
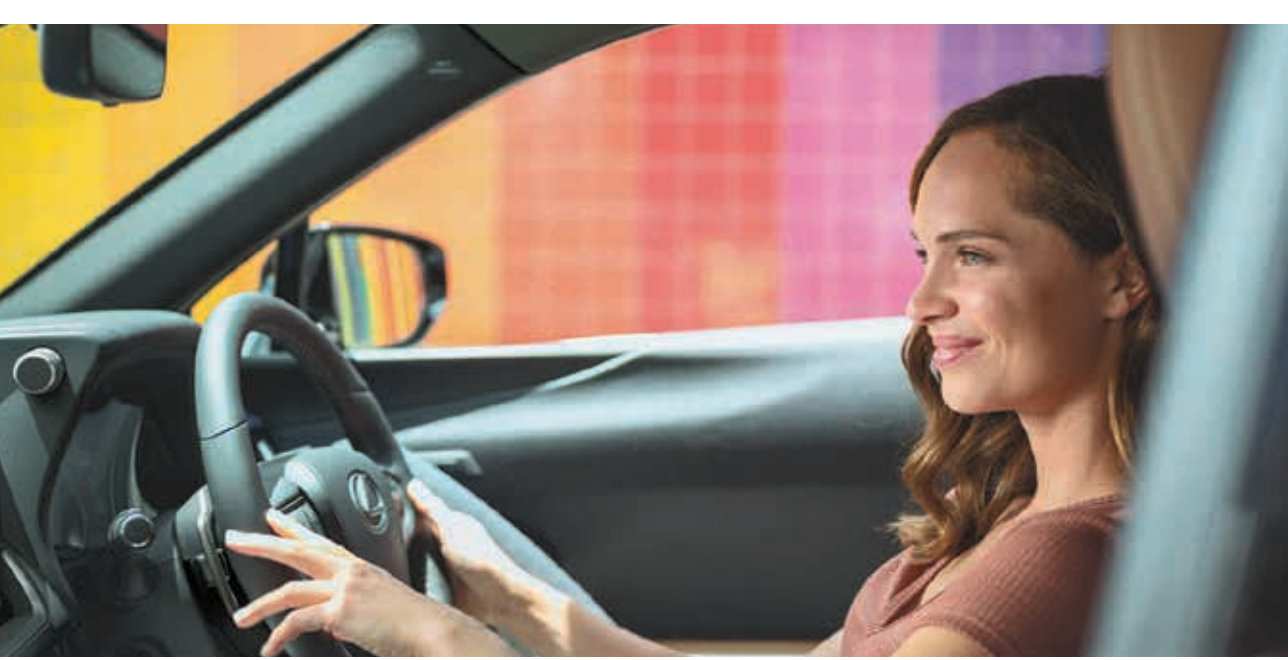


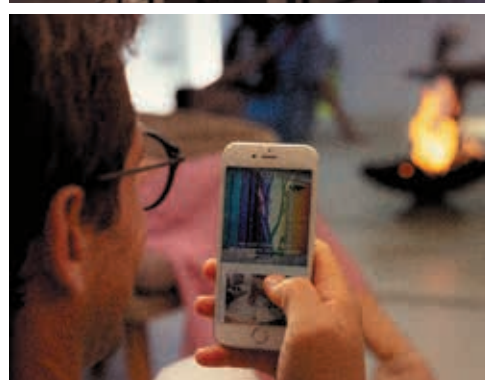




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LEXUS
INTELLIGENCE
FIVE



CONCEPT



Creative Urban Explorer.
A bold evolution of the Lexus L-finesse philosophy, the UX was conceived as a new genre crossover, a fusion of emotional dynamism, robust security and sophisticated playfulness that proactively embraces fresh challenges and lifestyles.



» INTELLIGENCE







Bringing the Creative Urban Explorer concept to life, the UX surprises and excites with a bold expression of the Lexus YET philosophy that combines contradictory elements to create new value in a fusion of advanced functionality with beautiful design. 'Creative' aims for an imaginative and refined lifestyle; 'Urban' evokes a design that stands out in the city; and 'Explore' embraces fresh opportunities and challenges, expanding the horizons on life. This approach eliminates the boundary between exterior and interior to connect them with seamless continuity. Simple yet captivating, the exterior projects strength and dynamism. Integrating innovations like the distinctive aero stabilizing blade lights with integrated rear combination lamps that fuse exceptional functionality with sophisticated design, its presence and sense of playfulness catch the eye in an urban

environment. The driver-oriented interior blends ergonomics with design to create a refined space that is securely snug yet open and inviting.

The UX's functionality extends to the blend of elegant performance with peace of mind. Based on the advanced Lexus GA-C platform, its outstanding rigidity and low center of gravity provide the foundation for dynamic performance. Together with an engine that delivers exciting driving with exceptional fuel economy, refined suspension and innovative aerodynamics, the UX realizes agile exhilarating performance. In the cabin, it is expressed in the imaginative technology and advanced features that surprise and delight, including wireless vent control illumination and advanced active safety technologies that enhance peace of mind.



DESIGN



Expressing the YET philosophy, the unique design surprises with its eye-catching styling, in a bold design that exudes a futuristic Lexus presence. The seamless fusion of the condensed solid form of the exterior and interior creates a feeling of unity, in a highly attractive urban design that elevates driving pleasure and satisfaction.



» INTELLIGENCE



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EXTERIOR

Compact and taut, the dynamic exterior flows from the distinctive Lexus spindle grille into the three-dimensional forms of the fenders flaring out from the cabin center, expressing powerful driving performance and secure robustness with an eye-catching appeal.



INTERIOR

The human-centered interior blends ergonomics with design in a driver-focused cockpit that provides a secure feeling while visually creating an open look. It supports easy operation and excellent visibility to boost driving pleasure, and a snug yet roomy space for passengers to enjoy a reassuring and comfortable ride.





PERFORMANCE



A dynamic expression of the Lexus 'clear and deep feel' performance philosophy, the advanced platform and aerodynamics and refined powertrain endow the UX with 'clear' responsive steering feel and elegant ride comfort, and 'deep' confident driving performance.



» INTELLIGENCE





The UX was designed to deliver 'elegant performance with peace of mind', starting with the advanced GA-C (Global Architecture-C) platform, multi material body, engine and transmission, and the refined functionality of the aerodynamics. The continuing 'evolving' and 'deepening' of Lexus quality drove the further refinement of numerous elements including 20 additional spot welding points to boost body rigidity, and refining of noise reduction measures including

tire selection. The result is even higher levels of driving stability, ride comfort and quietness, contributing to the outstanding performance and peace of mind.



GA-C platform

The advanced Lexus GA-C platform forms the backbone of the UX, providing the foundation for the core elements of its dynamic performance: accelerating, cornering and braking. Combining excellent rigidity and a low center of gravity, it endows the UX with the sharp response and maneuverability of a passenger car enjoyed in the exceptional linear stability, fast stable cornering, and pleasing acceleration, together with excellent ride comfort and the security of peace of mind.

Multi material body

To create a strong yet light body, hot-stamp and high-tensile steel were used in key body components including the underbody, together with aluminum for the hood and side doors, and resin for the back door. Reinforcements around the outer side and back doors that connect the squared reinforced annular structures and the extensive use of technologies including laser screw welding and structural body adhesive further enhance rigidity, contributing to agile handling and excellent steering response and feedback.



Aerodynamics

In the pursuit of outstanding aerodynamic performance, the UX combines bold design with advanced aerodynamic performance. It drove developments in aerodynamics including the innovative aero stabilizing arch moldings, and aero stabilizing blade lights with integrated rear combination lamps. Blending form with function, the front and rear fenders feature aero stabilizing arch moldings with a distinctive rounded front section, squared rear section and flat upper surface that help to suppress unstable vehicle behavior, enhancing roll stability while cornering. The eye-catching aero stabilizing blade lights feature vertical fins on the outer edges which smooth airflow over the back surface, contributing to excellent rear stability while cornering, as well as enhancing stability in high speed driving in side winds. The aero ventilating wheels realize a high level of both aerodynamic and brake cooling performance. In addition, aerodynamic enhancements to the upper body include the shape of the front pillar and a wing type rear spoiler, and to the flat underbody structure that accelerates air flow under the vehicle.



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Hybrid System

The Hybrid System was developed to deliver outstanding fuel economy together with linear acceleration for an exhilarating driving feel that enhances the driving pleasure of a Lexus hybrid crossover. The combination of a highly-responsive engine, efficient hybrid control system and enhanced battery performance provides exhilarating driving with high-speed responsiveness and a feeling of smooth, natural acceleration, so the UX 250h moves in tune with the driver's expectations.

Key to the Hybrid System's development was a focus on creating compact lightweight components to fulfill the promise of economical yet exhilarating driving. The brain of the Lexus Hybrid Drive, the power control unit optimizes control of DC electricity from the battery and AC electricity for driving the motor and generator. The Ni-MH battery optimizes the battery layout and adopts a compact cooling system to enable the ample luggage space, as well as helping to optimize the low center of gravity.

2.0-liter 4-cylinder engine

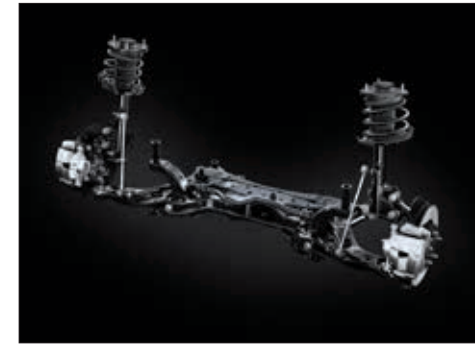
The advanced 2.0-liter inline 4-cylinder engine utilizes high-speed combustion technology to deliver powerful performance together with exceptional fuel efficiency and environmental friendliness. The amount of motor assist and engine rpm were optimized to deliver a linear acceleration feeling, with the engine speed synchronized with increasing vehicle speed to deliver an immediate and continuous acceleration feeling.





EPS (Electric Power Steering)

Featuring a compact and highly rigid format, the column assist-type EPS delivers the sharp response expected of a Lexus. Adopting a large column shaft enhanced torsional rigidity, boosting both steering response and easy operation, contributing to responsive handling that instantly and crisply responds to driver inputs with a smooth and sure steering feel.



Suspension

The MacPherson strut front suspension and double-wishbone rear suspension deliver excellent steering response together with premium ride comfort. They were fine-tuned specifically for the UX in keeping with the 'clear and deep feel' performance philosophy, and driven hard in testing on a race circuit to deliver reliable response and handling even at the limits. Careful attention paid to the shock absorbers, including refining the damper oil, oil seals and FCD (Friction Control Device), also enhance the ability to absorb vibrations transmitted from the road surface to provide a flat, comfortable ride.

Drive mode select

Drive mode select provides integrated control of multiple systems including the engine and CVT to let you tune performance to suit your driving style. You can select and change between three modes: Eco for fuel efficient driving; Normal for balanced driving performance with fuel efficiency; and Sport for sporty driving with enhanced steering feel and acceleration response.



Brakes

Engineered for excellent braking force, control and response, the brakes provide intuitive response to the driver's input, feeding driving pleasure by supporting exciting driving with peace of mind.



FEATURES



The integration of imaginative technology gives expression to the UX's unique, future-focused identity, with thoughtful features that add to the depth, richness and playfulness of the driving experience, elevating the pleasure and satisfaction of every drive.



» INTELLIGENCE





Imaginative technology blends inspired form with thoughtful function, in the seamless integration of advanced equipment and features in the UX. It is seen in the design of the exterior from the iconic spindle grille through to the innovative aero stabilizing blade lights. In the

cabin, it informs the thoughtful layout of the driver's cockpit, and snug roominess of the passenger space. It is reinforced by the peace of mind of advanced safety systems.

LED rear combination lamps

The bold design of the rear combination lamps reinforces the UX's unique identity. The left and right lamps are connected by the aero stabilizing blade lights to form a single line of light across the rear, illuminated by 132 LEDs. This form is complemented by the advanced aerodynamics of the L-shaped race car-inspired fins, which contribute to excellent rear stability while cornering and in side winds.



Forward visibility

A key focus of the human-centered design was forward visibility, with the aim of providing a commanding view and peace of mind. Special attention was given to the design of the front pillars and door mirror area, creating a space between the pillar and mirror to enhance the visibility of pedestrians and bicycles at intersections.



Hands-free power tailgate with kick sensor

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.

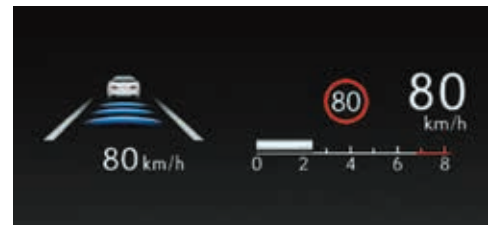


Meters

Realizing the 'Seat in Control' concept of the human-centered interior, the 7-inch color TFT (Thin Film Transistor) Optitron meter is designed to provide the driver with essential driving information without changing posture or line of sight. Select system information is also displayed on the multi-information display integrated into the meter.

Color head-up display

The wide, color head-up display projects a range of frequently checked information on the lower windshield glass in the driver's line of sight, including the current speed, tachometer, audio system, and more.



12.3-inch touch display

The 12.3-inch touch displays show incoming hands-free mobile calls, audio system, navigation system and other information, and support easy integration and control of smartphone functionality using Apple CarPlay and Android Auto. They are optimally positioned for natural operation while driving, to realize quick and intuitive operation.



Heater and ventilation switches

Switches for the seat heaters, heated steering wheel, and seat ventilation are integrated into the upper console, enabling easy operation while maintaining a relaxed driving posture. The convex shape of the heater switches enables easy, intuitive operation.



Air conditioning vent knob

An imaginative approach to technology drove the development of a single easy-to-use air conditioning vent knob that controls both air direction and volume. The integration of wireless LED lighting into the knob makes it easy to use at night, and projects a futuristic sophistication with its sense of depth.



Wireless charger

This thoughtful charging tray in the center console enables wireless charging of batteries in Qi-compatible smartphones and electronic devices simply by placing them on the charger tray.

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Console box

The lid on the large capacity console box opens to both the left and right, for easy access by the driver and front seat passenger. The length of the armrest was optimized to provide comfort and support.



USB ports/power outlet/accessory socket

Two USB-C ports in the front tray and two USB-C ports in the rear of the center console enable the charging of various devices and portable gear. An accessory socket and USB-A port integrated inside the center console box support the plug-and-play use of music players. An additional AC power outlet or accessory socket is located in the side of the luggage space.

Rear armrest

A thoughtful strap makes it easy to fold out the armrest in the center of the rear seats to provide added comfort and support, and use the two convenient cupholders integrated in the front.



Lexus Climate Concierge

The Lexus Climate Concierge realizes a human-centered approach to personalized comfort. It automatically controls the cabin temperature, including individual temperature controls and the Ventilated Seats for the front seats to optimize the comfort of each occupant. It also provides one-touch control of all heating systems in the cabin.



Luggage space

Supporting an active lifestyle, the ample luggage space highlights the practical convenience of the packaging and thoughtful design. For longer items and larger loads, the 60/40 split rear seatbacks fold down to create various passenger and luggage configurations.

SAFETY



The UX's elegant driving performance is underpinned by active and passive safety measures that utilize advanced technologies to deepen your peace of mind.



» INTELLIGENCE

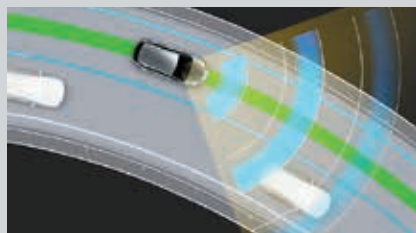
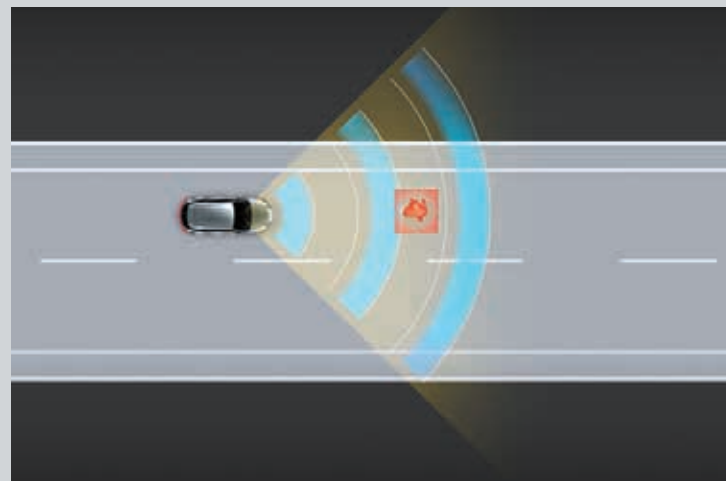




LEXUS SAFETY SYSTEM +

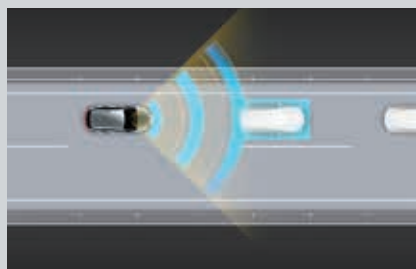
Pre-Collision System

When the millimeter-wave radar and monocular camera sensors detect a collision with a vehicle ahead, a pedestrian during the day or at night, or a bicyclist*¹ during the day is likely, it alerts the driver and activates pre-collision brake assist when the driver depresses the brake pedal. If the driver cannot depress the brake pedal, it activates pre-collision braking. In addition, if it detects an oncoming vehicle, it decelerates and helps to mitigate effects of the collision.*¹ In the same way, intersection turning assist helps the driver to detect a vehicle or pedestrian in front when turning at an intersection. 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.*²



LTA (Lane Tracing Assist)

When Lane Tracing Assist with enhanced lane recognition is activated, it alerts the driver of possible lane or road deviations even when lane markings are interrupted, and helps assist steering to avoid them. In addition, while driving on highways and automobile-only roads with Dynamic Radar Cruise Control activated, it helps assist steering to keep the vehicle in the lane.



Dynamic Radar Cruise Control

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



Blind Spot Monitor System

When the quasi-millimeter-wave radars in the rear bumper detect vehicles in adjacent lanes that aren't visible in the door mirrors, the system activates an LED warning indicator in the relevant door mirror the moment a vehicle enters this blind spot.



Panoramic View Monitor

To help check areas surrounding the vehicle that are difficult to see from the driver's seat, the system shows a bird's-eye view of the vehicle in real time on the 12.3-inch touch display, using a composite image taken by cameras mounted on the front, sides, and rear of the vehicle. An Underfloor See-through View shows the position of the wheels, helping assist parking and driving on narrow roads.*³

SRS (Supplemental Restraint System) airbags

The UX features dual-stage SRS airbags (Front seats), SRS knee airbags (Front seats), SRS side airbags (Front seats) and SRS curtain shield airbags (Front and rear seats).*⁴



PKSB (Parking Support Brake)

PKSB (for stationary objects in front, behind, or close to the vehicle) helps to reduce damage by mitigating the severity of collisions caused by mistaken or excessive operation of the accelerator. On vehicles equipped with Advanced Park, the detection of stationary objects has been expanded to right around the vehicle, including the sides. The system monitors the area around the vehicle not only during Advanced Park operation, but also when parking, for example when exiting a garage or backing up, and alerts the driver with indicators and a buzzer if the vehicle is approaching a stationary object. To help reduce damage, it also applies the brakes automatically if the vehicle continues to approach the object.

PKSB (for vehicles approaching from behind) alerts the driver of vehicles approaching from behind when backing out of a parking space, with indicators on the door mirror and center display, and a buzzer. If the system determines there is a high possibility of a collision with a crossing vehicle approaching from behind, it automatically applies the brakes to mitigate injury or damage.

PKSB (for pedestrians approaching from behind) alerts the driver of pedestrians behind the vehicle when backing out of a parking space with an indicator on the touch display and a buzzer. If the system determines there is a high possibility of a collision with a pedestrian behind the vehicle, it automatically applies the brakes to mitigate injury.*¹

*¹ Pedestrian, bicyclist and oncoming vehicle detection is not available in some markets. Please inquire at your local dealer for details.

*² Intersection turning assist and emergency steering assist system are not available in some markets. Please inquire at your local dealer for details.

*³ The area the cameras can show is limited. Be sure to visually check your surroundings before you proceed.

*⁴ The SRS airbags are supplemental devices to be used with the seatbelts. The driver and all passengers in the vehicle must wear their seatbelts properly at all times. Never install a rear-facing CRS (Child Restraint System) on the front passenger's seat. For a forward-facing CRS, it is recommended you use it in the rear seats. Please do not use accessories for the seats which cover the parts where the SRS side airbags should inflate. Such accessories may prevent the SRS side airbags from activating correctly, causing serious injury (Lexus genuine seat covers are specifically designed for models equipped with the SRS side airbags. 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.

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. Images showing the systems, detection area of the camera and radar/sensors are for explanatory purposes only. 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 & INTERIOR
COLORS

The concept behind the captivating colors for the UX is 'Toughness yet Luxury,' expressing the toughness of a crossover and the luxury of Lexus-style textures. A fresh and contemporary palette of exterior and interior colors is complemented by the unique textures and premium quality of the upholstery and trim.



Sonic Quartz <085>*2



Sonic Titanium <1J7>



Sonic Chrome <1L1>



Sonic Iridium <1L2>



Black <212>



Graphite Black Glass Flake <223>



Madder Red <3T2>



Blazing Carnelian Contrast Layering <4Y1>



Celestial Blue Glass Flake <8Y6>



Terrane Khaki Mica Metallic <6X4>



18-inch aluminum wheels,
dark gray metallic

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<SMOOTH LEATHER>



Hazel



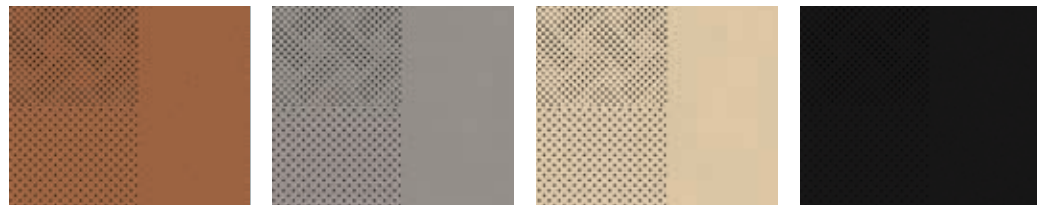
White Ash



Rich Cream



Black



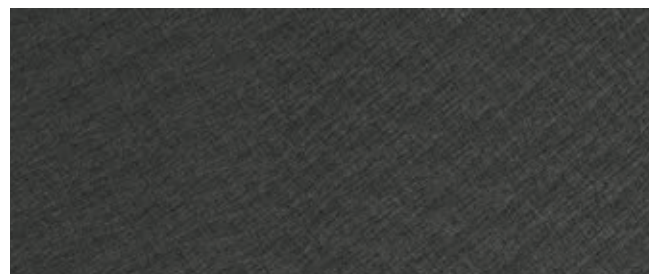
Hazel

White Ash

Rich Cream

Black

<TRIM>



Washi (Japanese paper grain)

<SYNTHETIC LEATHER (VISCOTECs)>



Hazel



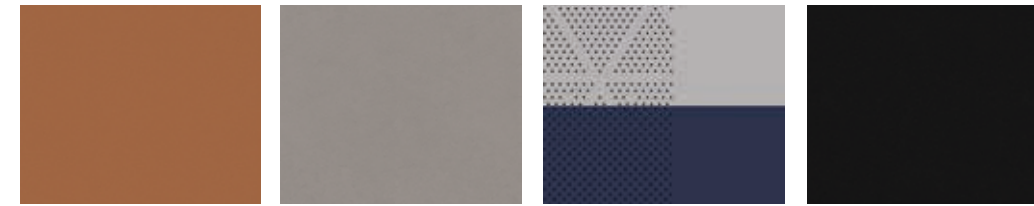
White Ash



Cobalt



Black



Hazel

White Ash

Cobalt

Black

<COLORS/SEATING MATERIALS/TRIM FOR MIDDLE EAST>

	INTERIOR COLORS				
SEATING MATERIAL	Black	Hazel	Rich Cream	Cobalt	White Ash
Smooth Leather	●	●	●	-	●
Synthetic Leather (Viscotecs)	●	●	-	●	●

	INTERIOR COLORS				
TRIM	Black	Hazel	Rich Cream	Cobalt	White Ash
Washi (Japanese paper grain)	●	●	●	●	●

● : Available combination.

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SPECIFICATIONS

ENGINE	UX 250h EXECUTIVE	UX 250h LUXURY
Type	In-line 4, 16-Valve DOHC, VVT-iE (intake), VVT-i (exhaust)	
Drive	Front-wheel Drive	
Transmission Type	E-CVT	
Bore x Stroke	80.5 x 97.6 mm	
Displacement	1987 cc	
Compression Ratio	14.0	
Max. Output	107kW (143 bhp) / 6,000rpm	
Max. Torque	188 Nm / 4,400 - 5,200 rpm	
Max. Speed	177 km/h	
Acceleration (0-100 km/h)	8.4 sec	
Fuel Consumption	5.1 L / 100km [19.6km/L]	4.9 L / 100km [20.4km/L]
Carbon Emissions	119 g/km	113 g/km
VES Banding	A2	
UX 250H MOTOR AND BATTERY		
Motor Type	AC Permanent Magnet Motor	
Max. Output	80kW (107 bhp)	
Max. Torque	202 Nm	
Battery Type	Ni-MH	
Number of Battery Cells	180	
Total System Power Output (Engine + Motor)	181 hp	
CHASSIS		
Brake	Ventilated Disc Brake / Solid Disc	
Suspension	Macpherson Strut / Double Wishbone	
Steering System	Electric Power Steering	
MEASUREMENTS		
Length	4,495 mm	
Width (with mirrors)	1,840 mm	
Height	1,520 mm	
Wheelbase	2,640 mm	
Tread (Front)	1,550 mm	
Tread (Rear)	1,550 mm	
Min. Turning Radius (Tyre)	5.2 m	
Kerb Weight	1,485 - 1,570 kg	
Gross Vehicle Weight	2,110 kg	
Boot Capacity	268 L	
Fuel Tank Capacity	43 L	



1,550 mm



1,550 mm

1520 mm



2640 mm

4495 mm

FEATURES

	UX 250h	
	EXECUTIVE	LUXURY
ULTIMATE COMFORT		
Electrically Adjustable Steering Wheel	•	With Memory
Original Factory-fitted Upholstery	Viscotecs™	Smooth Leather
Memory Seats	–	D
Power Adjustable Front Seats	8-way (D+P)	8-way (D+P)
Seat Lumbar Support (Driver Only)	•	•
Air Ventilated Front Seats	Heater	Heater + Cooler
Dual-Zone Independent Climate Control	•	•
Register Knob Illumination	–	•
Dual-Zone independent Climate Control & nano-eX™	•	•
EQUIPMENT & TECHNOLOGY		
SMART Keyless Go	•	•
Dynamic Radar Cruise Control (with LTA)	•	•
Bi-LED Headlamps	•	•
LED Daytime Running Lights	•	•
LED Front & Rear Fog Lamps + Cornering Lamps	•	•
Rain Sensing Wipers	•	•
Mechanical Anti-glare Inner Mirror	•	–
Power Folding Outer Mirror (with Heater)	•	–
EC (Electro Chromic) anti-glare Inner Mirror	–	•
Auto-folding EC anti-glare Aspherical Outer Mirror (with Memory, Heater & Reverse-linked tilt Function)	–	•
Electric Power Steering (EPS)	•	•
Drive Mode Select (Eco/Normal/Sport)	3	3
12.3" Touch Display with Navigation	•	•
Colour Head-up Display (HUD)	–	•
Wireless Charger	•	•
Hands Free Power Tailgate with Kick Sensor	•	•
Roof Rails	•	•
AUDIO & ENTERTAINMENT		
Lexus Premium Audio System with 10 Speakers	•	•
Apple CarPlay (Wireless) & Android Auto	•	•
AM/FM Tuner & DVD Player	•	•
Bluetooth Connectivity	•	•
6 USB Ports (Front & Rear) & AUX Jack	•	•
360° PROTECTION		
Lexus Safety System+ (DRCC, PCS, LDA)	•	•
Lane Tracing Assist (LTA)	•	•
Parking Brake Support (PKSB)	•	•
FR/RR Parking Sonar	•	–
Automatic High Beam (AHB)	•	•
Parking Assist Monitor (with Distance Guidelines)	•	–
360° Panoramic View Monitor	–	•
Blind Spot Monitor (BSM)	–	•
8 SRS Airbags	•	•
Control Systems: ACA / ABS / EBD / TRC / VSC	•	•
Hill-Start Assist	•	•
Lexus Parking Assist System (FR:4 RR: 4)	•	•
Tire Pressure Warning System	•	•
ISOFIX Anchors	•	•
RIMS & TYRES		
225/50RF18 Dark Gray Metallic Wheels with Machined Finished	•	•
Run-flat Tyres	•	•



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