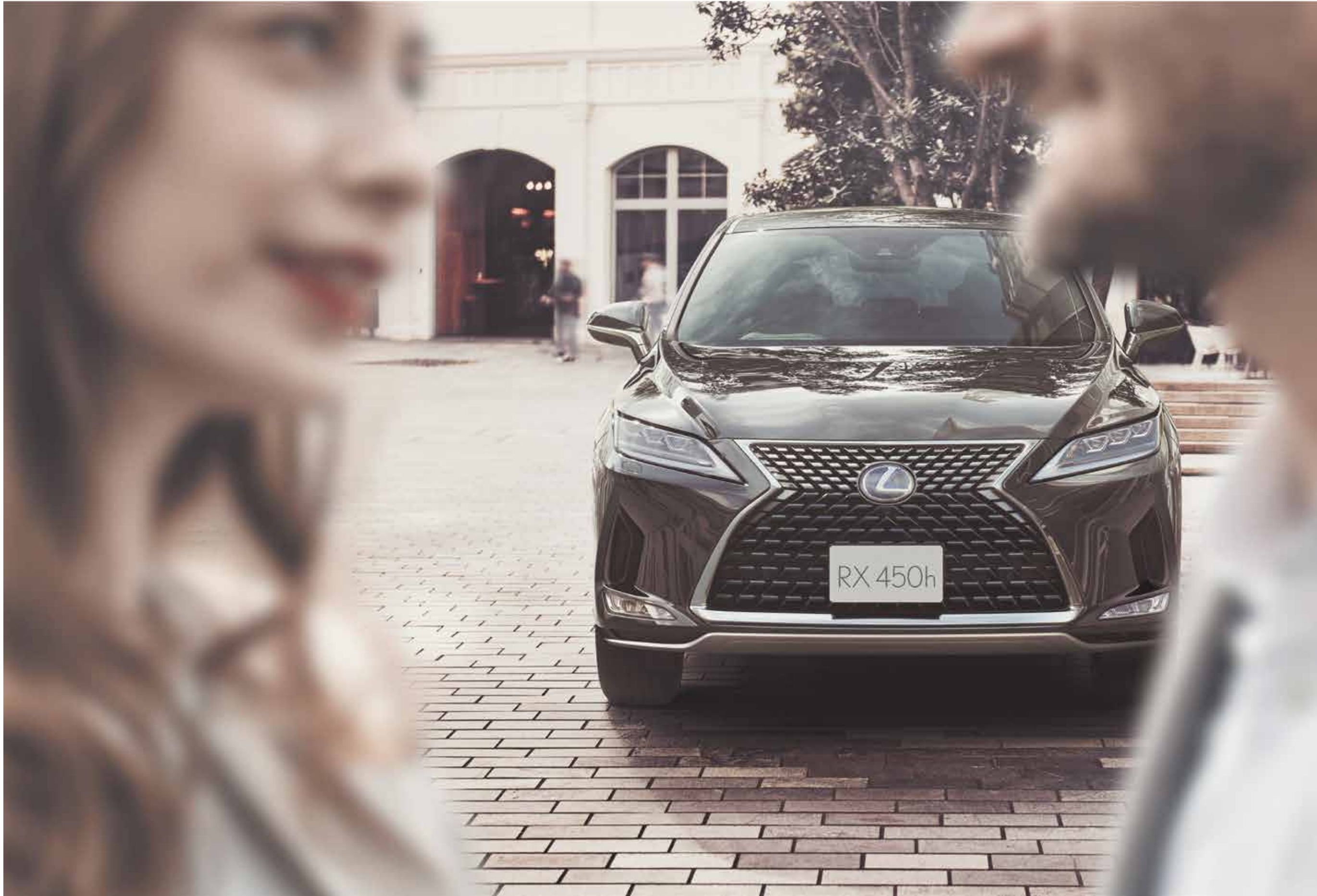


RX

RX450hL / RX450h /
RX300













LEXUS

INTELLIGENCE
SIX

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CONCEPT



Progressive Sophistication.

The pioneer in luxury SUVs, the RX continues to evolve and lead. Driven by its DNA to actively undertaking fresh challenges, its sophisticated design and performance, and advanced technologies provide fresh value to enrich modern lifestyles.

» INTELLIGENCE







The development of the RX's 'Progressive Sophistication' was driven by a passion to deepen three key elements of driving pleasure: 'Sophisticated Yet Aggressive Design', 'Driving Dynamics', and 'Advanced Technology and Connectivity'. 'Sophisticated Yet Aggressive Design' focused on shaping a powerful, solid-looking design with an exceptional feeling of unity. A finely-honed blend of elegance and aggression, it is expressed in the overall form, balance and detail, with rounded surfaces adding a subtle elegance to the strong captivating silhouette.

'Driving Dynamics' pursued a clear and deep driving feel that unifies driver and vehicle to dramatically enhance driving pleasure, realized by focusing on

enhancing body rigidity and refining the suspension. The smooth and exhilarating acceleration, linear steering feel, accurate response to driver input and outstanding ride comfort elevate the enjoyment of everyday driving, whether turning at an intersection or changing lanes on the expressway.

'Advanced Technology and Connectivity' aims to integrate advanced technologies that RX drivers value into a refined driving experience. The RX's pioneering spirit inspired adoption of the innovative BladeScan AHS (Adaptive High-beam System) headlamps to help provide reliable, stress-free driving at night, and an advanced multimedia system with touchscreen operation and seamless smartphone connectivity.





DESIGN



Deepening the 'Seductive Strength' design theme that fuses sophistication and aggression, the smooth curves of the exterior shape a captivating presence, while optimizing the packaging in the spacious cabin and luggage space for which the RX is renown.

» INTELLIGENCE

2



EXTERIOR

The voluminous form and smooth surfaces that seduce from a distance reveal meticulous detail close-up, exquisitely crafted to blend form with function in the signature Lexus spindle grille and distinctive ultra-compact headlamps.



INTERIOR

The refined use of natural materials including metal, leather and wood creates a tasteful contrast with the subtle integration of advanced technology, blending beauty, functionality and convenience in the elegant ambience of the cabin.





PERFORMANCE



A passion for sporty performance drove a focus on enhancing body rigidity, honing the RX's dynamic responsiveness and intuitive handling and control, qualities you'll appreciate in everyday driving, and savor even more on the open road.

3

» INTELLIGENCE



Chassis

At the heart of the RX's dynamic driving pleasure is a focus on enhancing exhilarating performance and sporty handling, especially handling stability to create a close sense of unity with the vehicle, together with steering response and ride comfort. It was realized by making a lightweight, high rigidity body structure from hot-stamp, high-tensile steel and aluminum, with strategically positioned reinforcements, the extensive use of spot welds and body adhesives, and advanced production technologies including laser screw welding.

Pre-loaded differential

This innovative differential pre-loads torque under light loads or low rotational speed, contributing to highly-precise steering for excellent straight-line stability and acceleration performance.



Aerodynamics

A comprehensive approach to aerodynamics contributes to quiet comfort in the cabin, fuel-efficient performance, low sensitivity to wind turbulence, and excellent handling stability even during high-speed driving. Optimizing the body design, including the bumpers, rear spoiler and corner fins, is complemented under the body by a flat floor, engine and lower arm covers, spats on all four wheels, and aero stabilizing fins.



Hybrid system

For dynamic driving and exceptional environmental performance, Lexus Hybrid Drive intelligently combines the power of a highly-efficient 3.5-liter gasoline engine with electric power from a high-output motor.



3.5-liter V6 hybrid engine

The V6 hybrid Atkinson Cycle engine features Dual VVT-i and advanced D-4S fuel injection system to deliver exciting performance with outstanding drivability, excellent fuel efficiency, and reduced emissions.*



2.0-liter direct injection turbocharged engine

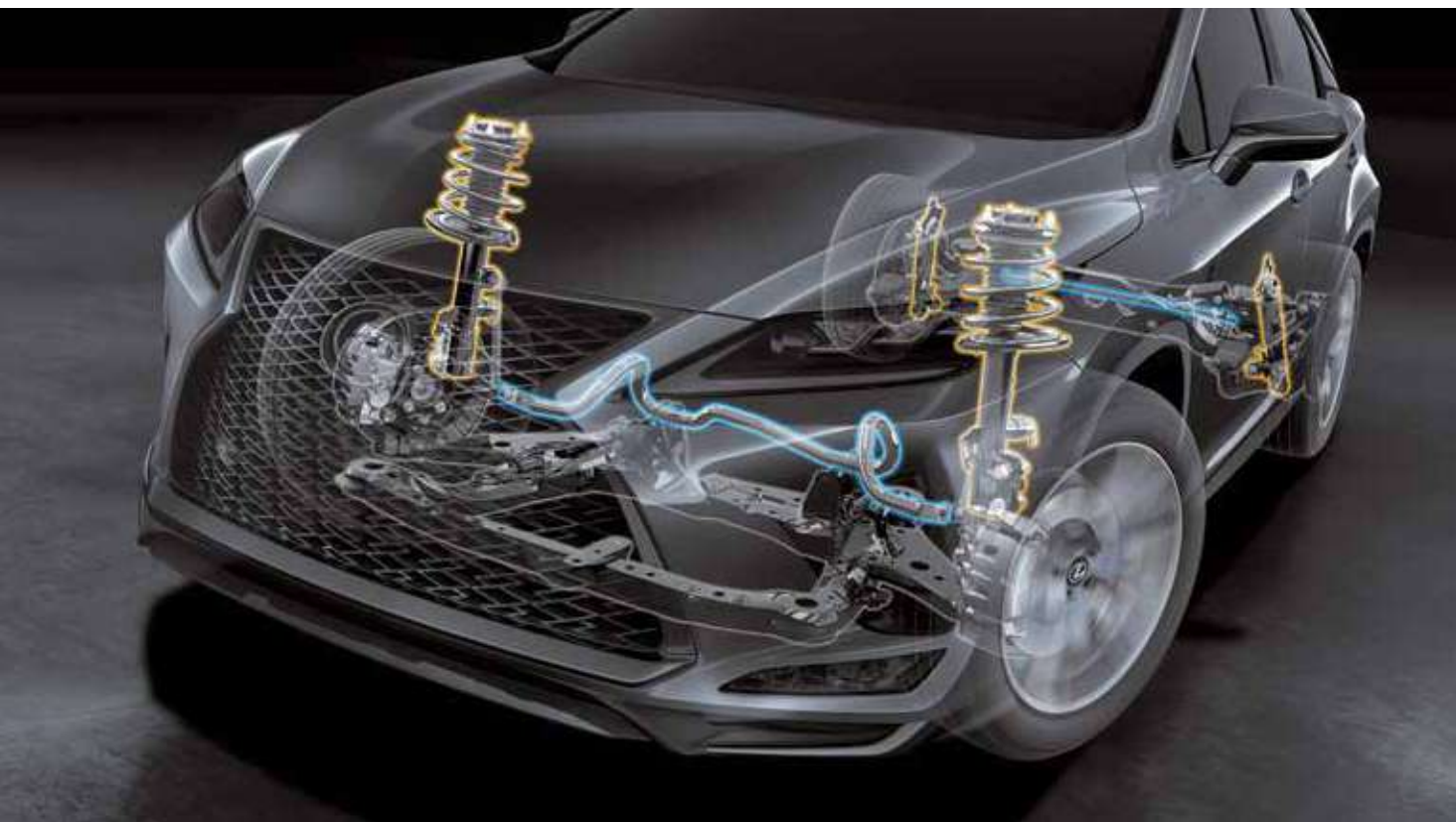
Compact and lightweight, the 2.0-liter turbocharged Atkinson cycle engine with Dual VVT-i (Intake side: VVT-iW) delivers exhilarating driving performance and excellent fuel economy. Advanced technologies including ESTEC to boost thermal efficiency and D-4ST, a direct injection and turbo technology, further enhance fuel efficiency.*¹

6 Super ECT

The super intelligent 6-speed automatic transmission features advanced drive-force-on-demand control logic that realizes a high level of vehicle control in line with accelerator operation, together with a sophisticated acceleration feeling. The shift control was fine-tuned and the lock-up range extended to match the turbo engine characteristics, contributing to enhanced fuel economy. Multi-mode Automatic Transmission and AI-SHIFT control further contribute to driving pleasure.*²



*¹ ESTEC: Economy with Superior Thermal Efficient Combustion.
D-4ST: Direct injection 4 stroke gasoline engine Superior version with Turbo.
*² ECT: Electronic Controlled Transmission. AI: Artificial Intelligence.



Shock absorbers

Careful refining of each shock absorber component optimizes damping force, helping to smooth minor road inputs, absorb larger jolts, and maintain a supple feel for agile handling together with excellent ride comfort. A Friction Control Device in the shock absorbers reduces high frequency vibrations on slightly uneven road surfaces to further enhance ride comfort.



Front and rear suspension

The rigidity of the MacPherson strut front suspension and trailing-arm double wishbone rear suspension were enhanced to realize agile handling and exhilarating driving pleasure, whether driving city streets or winding roads. Special attention was paid to increasing the rigidity of the hub bearings to enhance responsiveness, and the rear stabilizer to reduce understeer and roll.



AVS (Adaptive Variable Suspension system)*

AVS optimally controls the damping force of the shock absorbers on all four wheels in response to driver input and road surface conditions, contributing to the excellent ride comfort and handling.

Drive mode select

Drive mode select provides integrated control of multiple systems to let you tune performance to suit your driving style. On vehicles equipped with AVS* you can select and change between Normal, Eco, Sport S and Sport S+ Modes. In addition, Customize Mode enables drivers to set their preferred settings for the powertrain, AVS*, EPS (Electric Power Steering) and air conditioning.



Disc brakes

The brakes on gasoline models were refined to realize an excellent feeling of brake rigidity when the brakes are applied. For hybrid models, the focus was on developing the smooth delivery of braking force with a natural transition between regenerative and hydraulic braking.



FEATURES



The RX continues to lead the way and provide fresh value with sophisticated features that blend innovative technology and incisive design. Its advanced connectivity, functionality and safety enhance convenience, refine comfort, and contribute to relaxed, stress-free driving.

» INTELLIGENCE

4



3-eye Bi-Beam LED headlamps

The ultra-compact 3-eye Bi-Beam LED headlamps combine a distinctive design with exceptional light distribution. The LED turn signal lamps illuminate sequentially from the inner side to the outside of the headlamps.



Bi-Beam LED headlamps

The Bi-Beam headlamps feature one lamp that switches between high and low beams to generate a bright light for excellent visibility at night. The arrowhead-shaped DRL (Daytime Running Lamps) emit a stylish Lexus signature.



LED front fog lamps

LED fog lamps integrated into the lower front bumper enhance the low center of gravity of the front face. They emit a bright beam, contributing to excellent visibility for safe driving in low light and at night.



LED rear combination lamps

The distinctive rear lamps feature 4 large L-shaped Lexus motifs in the upper lamps that wrap around the side in a deep-set carve. This elegant design is mirrored in the inverted L-shaped motifs of the lower lamps, creating a wide signal and projecting a strong presence. The wide design and low setting of the lamps emphasize the RX's low center of gravity. The LED sequential turn signal lamps illuminate from the inner to the outer side of the lamp to intuitively convey the turn direction.



Power back door

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.



Door handles

The refined design displays a warm hospitality with a dynamic shape that is easy to grip. A bright silhouette line and integrated foot area illumination on the handles guide you at night, then gently fade.



Rear bumper

The balance of sophistication and aggression in the RX's 'Seductive Strength' design is evident in the rear bumper. Character lines extending from the sides to the bumper reflect the window graphics in a sweeping movement to the rear, emphasizing the wide stance and stylish elegance, and complementing the strong SUV image evoked by the three-dimensional shape of the underguard. Hybrid models feature an exclusive metal plated garnish strip under the lower bumper.



Moonroof

The forward position of the moonroof enhances the feeling of openness and space in the cabin. It opens and closes, tilts up and down at the touch of a switch in the overhead console. The components were refined to reduce weight, contributing to fuel efficiency.



Meters

A subtle luxury touch is the design of the meters which fuses the simple functionality of 4-dial analog meters with a hi-tech digital display. The large analog speedometer and tachometer have three-dimensional meter faces for excellent visibility.

Multimedia coordination function

The RX's seamless integration of advanced technologies supports the coordinated display of information from the multimedia systems on the EMV (Electro Multi-Vision) touch display in the center of the instrument panel and the 4.2-inch color TFT (Thin Film Transistor) multi-information display in the meter cluster.



Color head-up display

The large color head-up display projects a range of frequently checked driving information and warnings on the lower windshield glass in the driver's line of sight, requiring only a movement of the eyes to see it.



Remote Touch Interface

An interface designed for simple, smartphone-style operation lets users interact intuitively with the navigation and audio systems on the EMV touch display. Integrated into the center console, it provides easy control of the systems without disturbing the driving posture and line of sight.



EMV touch display

Further evolving the Human Machine Interface, the touchscreen display enables the driver and front seat passenger to intuitively control various systems by directly touching the screen like a smartphone. For convenience, audio system information, incoming mobile calls, and some navigation on the EMV touch display can also be displayed on the multi-information display, and controlled using switches on the steering wheel.

Overhead console LED lamp switches

Refined hospitality extends to intuitive operation of the front warm white LED dome lamp and silky white LED map lamps in the overhead console. Touch switches that detect finger proximity turn the appropriate lamp on or off.



Wireless charger

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



Smartphone holder

A convenient smartphone holder is integrated in the center console, adjacent to USB ports for easy charging. Designed to hold a range of smartphones firmly in place, it is positioned for easy access by the front seat passenger, further enhancing its usability and convenience.

USB ports/mini-jack/power outlets

Two USB ports, a mini-jack and power outlet in the center console box support the charging and use of electronic devices. Additional power outlets are conveniently located in the center cluster and the side of the luggage space, together with two USB ports for charging electronic devices in the center console and the rear of the center console box for the convenience of rear seat passengers.



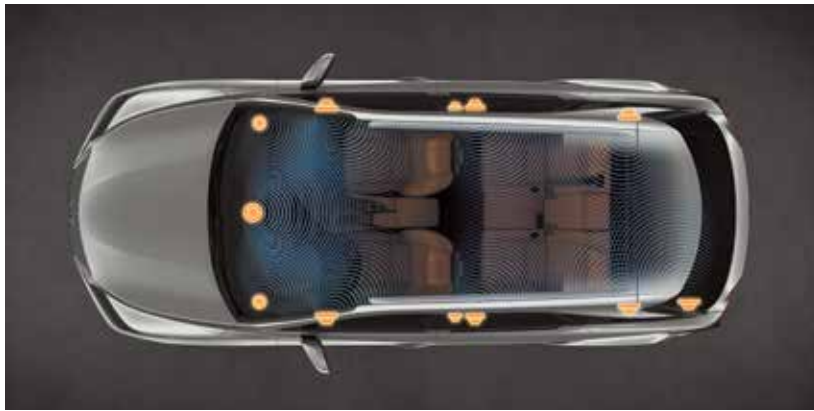
USB charging ports
(Center console)



USB connection ports/mini-jack/
power outlet (Center console box)



USB charging ports
(Rear of the center console box)



Mark Levinson audio system

The Mark Levinson Premium Surround Sound System features 15 high efficiency speakers that generate outstanding output while reducing energy consumption. The system also incorporates Clari-Fi technology which analyzes compressed digital music sources in real time and intelligently restores the high fidelity no matter what the music source, creating rich low-range tones and beautiful mid- to high-range tones for the enjoyment of occupants in every seat.*



Rear door window sunshades

Manual sunshades on the rear door windows give second row seat passengers convenient control over heat and light. Eliminating gaps between the shades and window trim helps to keep the sun from coming directly into the second row seats.

Second row seats

The refined comfort of the second row seats is based on the spacious packaging that enables excellent seating posture and headroom, and a natural foot position for relaxed comfort. Seat recline and slide functions let passengers tailor their position to further enhance ride comfort.



Luggage space

The focus on creating a spacious cabin endows the RX with ample capacity to carry five people and their luggage. The power back door opens wide to provide easy access to a large luggage space that can accommodate four full-set golf bags or four suitcases, while carrying three passengers in the second row seats. A temporary stowage space behind the second row seats for the tonneau cover enables the luggage space to accommodate larger items.

Power back door controls

Convenient controls for the power back door are set in the instrument panel and Electronic Key. In addition, when the close and lock switch integrated in the back door is pressed, the door automatically locks when it closes. A memory function lets users set the opening clearance for the door.



Power folding second row seats

Enhancing versatility and convenience, the second row seats can be reclined at the touch of a button integrated into each second row seat. They can also be folded flat or upright using switches in the second row seats and side of the luggage space.



* In the RX450hL, the subwoofer is integrated under the floor of the luggage space.
Photos for reference only.



RX450hL

The RX450hL changes to suit your needs, whether you require comfortable third row seats for extra passengers or a spacious luggage compartment. Theater-style seating provides a slightly higher eye point in each successive row so that all occupants enjoy excellent visibility and a satisfying open feeling.





Second row seat armrest

The armrest in the bench-style second row seats folds down for easy access to two USB ports for charging devices. There are also two cupholders and seat heater controls, contributing to the comfort and convenience of second row seat passengers.

Luggage space

The RX450hL provides a flat, gap-free luggage space, regardless of whether the third row seats are in use or stowed. The tonneau cover stores under the luggage space floor to provide ample room for luggage even when carrying seven people. Both the second row and third row seats have a split seatback design to enable different luggage configurations. The power folding third row seats are controlled by switches in the passenger side trim of the second row seats and in the left side of the luggage space.*



Walk-in mode

Touch the walk-in lever on the side of the second row seats to slide them forward. The second row seats can also be folded flat for easy access to the third row seats. The flat floor enables comfortable access.



Third row seat air conditioner

The left and right third row seats have adjustable air conditioner vents in the side panels. In addition, a control panel located beside the left seat allows rear-seat occupants to adjust the temperature, airflow and other settings.



Third row seats

The second row seats slide forward to provide ample legroom when the third row seats are occupied. The power folding 50/50 split seats fold away independently, providing extra luggage space to accommodate changing passenger and luggage combinations.

SAFETY



Innovative active safety systems designed to help support safe, reliable and stress-free driving are complemented by advanced passive occupant protection measures, deepening peace of mind and driving pleasure.

5

» INTELLIGENCE





LEXUS SAFETY SYSTEM +

Pre-Collision System (PCS)

PCS* detects other vehicles ahead and warns you when there's a high likelihood of a collision ahead, so you can take evasive action. If the driver is unable to react in time, the system will apply brakes and steering controls to reduce impact damage.

*The pre-collision systems are engineered to assist safe driving. Note that the systems may not be able to avoid collision or mitigate accident injury/damage in every situation.



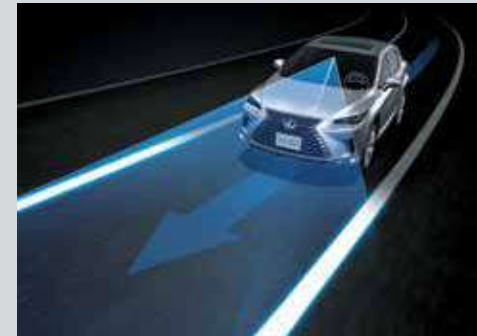
Dynamic Radar Cruise Control (DRCC)

DRCC enables you to travel calmly at a consistent speed while keeping you at a safe distance from the car in front. If your car is about to get too close, it will slow to prevent a collision.



Lane Trace Assist (LTA)

Lane Tracing Assist is designed to work with Dynamic Radar Cruise Control to keep the vehicle centered in its visibly marked lane and preemptively avoid unintended lane departures.



Lane Departure Alert (LDA)

The LDA system uses the camera mounted on the front side of the inner mirror to help recognize white/yellow line markings and the vehicle's own position, and help you maintain lane discipline by gently vibrating when the car begins to veer, and sending discreet sound and light notifications to get you smoothly back on track.



Automatic High Beam System (AHB)

Utilizing the camera mounted on the front side of the inner mirror for the detection of vehicles, the AHB system automatically switches the headlamps between high beam and low beam to provide good forward visibility at night.

Adaptive High-Beam System (AHS)

Utilizing the camera mounted on the front side of the inner mirror for the detection of vehicles, this system automatically blocks certain headlamp areas to prevent direct illumination toward preceding or oncoming vehicles, thus allowing for more frequent use of high beams to provide good visibility at night.



Supplemental Restraint System (SRS) airbags

The RX features dual-stage SRS airbags (Front seats), SRS knee airbag (Driver's seat), SRS cushion airbag (Front passenger's seat) that supports seatbelt restraint by lifting the front edge of the seat cushion during a frontal collision, SRS side airbags (Front and outboard second row seats), and SRS curtain shield airbags (Front and rear door windows).



F SPORT



Lexus F DNA injects the aggressive styling and an exhilarating performance edge of F SPORT driving into the RX, with sports-focused refinements of the design, performance and features.



» INTELLIGENCE





The exclusive F SPORT package instantly projects an aggressive sporting attitude with large 20-inch aluminum wheels, an exclusive front grille mesh pattern and integrated lower spoiler that visually lower the center of gravity. The jet black, chrome plated lower rear bumper, black door mirrors, and discreet F SPORT emblems on the front fenders reinforce the distinctive style.

In the driver's seat, the feeling of sports driving control is compelling and immediate. The extra support of the seat, dimpled leather steering

wheel and shift lever knob, custom sports meters and displays, and drilled aluminum pedals give a sports edge to driving control. This feeling of control is transformed into F SPORT exhilaration by fine-tuning of the front and rear suspension, and the ability to customize drive mode select to enhance handling stability and sharpen response. Exhilaration is further heightened by the aural thrill of the sound generator.



- A_Front mesh grille
- B_Front bumper
- C_Aluminum wheels
- D_Door mirrors
- E_Front fender emblems
- F_Rear bumper



Performance dampers

The front and rear performance dampers enhance rigidity and vibration damping performance, to realize exceptional handling stability at the heart of sports driving enjoyment.



Sound generator

Heightening the emotion and excitement of sports driving, the sound generator boosts the sound pressure level in the engine air intake at different resonate frequencies, to generate a thrilling F SPORT engine note when you accelerate.



- A_Meters & multi-information display
- B_Steering wheel
- C_Aluminum pedals
- D_Shift lever knob
- E_Trim (Aluminum)
- F_Scuff plates
- G_Front seats

F SPORT front seats

The front sports seats are the product of an innovative 'integrated foaming' manufacturing process. They provide a blend of refined comfort with firm support and excellent holding performance for sports driving.



Aluminum trim

Real aluminum trim on the doors and center console reinforces the distinctive premium sports styling, its texture and finish appealing to the eye and touch, deepening the pleasure of F SPORT driving.

F SPORT meters

Dynamically displaying sports performance, the exclusive F SPORT analog tachometer features a large silver ring with an illuminated needle, and a precision digital speedometer and shift position/drive mode select indicators in the center.



F SPORT multi-information display

The 8-inch color TFT (Thin Film Transistor) multi-information display heightens the immediacy of your F SPORT driving experience by displaying a G sensor with steering angle, and accelerator opening and brake hydraulic pressure bars.

F SPORT scuff plates

Opening the doors reveals the exclusive F SPORT scuff plates, blending beauty with function in the brushed aluminum finish with Lexus logo inset in jet black while providing excellent protection against scuffing.



SPECIFICATIONS <RX300, RX450h, RX450hL>

<RX300>	
ENGINE	
Type:	8AR-FTS In-line 4-cylinder, 16-Valve, DOHC, Dual VVT-iW
Piston displacement:	1998cc
Max. output:	238PS / 4800-5600rpm
Max. torque:	350Nm / 1650-4000rpm

DIMENSIONS & WEIGHT

Overall length:	4890mm
Overall width:	1895mm
Overall height:	1690mm
Wheelbase:	2790mm
Curb weight:	1890-1995kg

<RX450h, RX450hL>	
ENGINE	
Type:	2GR-FXS V type 6-cylinder, 24-valve DOHC, Dual VVT-iW
Piston displacement:	3456cc
Max. output:	262PS / 6000rpm
Max. torque:	335Nm / 4600rpm
Total system output:	313PS

DIMENSIONS & WEIGHT

	<RX450h>	<RX450hL>
Overall length:	4890mm	5000mm
Overall width:	1895mm	1895mm
Overall height:	1685mm	1700mm
Wheelbase:	2790mm	2790mm
Curb weight:	2105-2210kg	2220-2275kg

* Total system output from the engine and electric motors (using the battery), based on in-house measurements.



SEATING MATERIAL	INTERIOR COLORS	INTERIOR TRIM			
		Laser Cut Wood	Shimamoku	3D Film	Aluminum
Semi-aniline Leather	Ivory	●	●	—	—
	Black	●	●	—	—
	Ocher	●	●	—	—
	Noble Brown	●	●	—	—
Smooth Leather	Ivory	—	—	●	—
	Black	—	—	●	—
	Ocher	—	—	●	—
	Noble Brown	—	—	●	—
Smooth Leather (F SPORT package)	Black	●	—	—	●
	Flare Red	●	—	—	●

● : Available combination.

2020
RX



EXTERIOR COLORS /



White Nova Glass Flake <083>*1



Sonic Quartz <085>



Sonic Titanium <1J7>



Ice Ecru Mica Metallic <4X8>



Graphite Black Glass Flake <223>



Black <212>

*1 Available on F SPORT package only.
Photos for reference only.
Color might differ slightly from the printed photos in this brochure.



Amber Crystal Shine <4X2>



Red Mica Crystal Shine <3R1>



Heat Blue Contrast Layering <8X1>^{*1}



Deep Blue Mica <8X5>



20-inch aluminum wheels
<RX300 Superior / 450hL Superior>



20-inch aluminum wheels
(Hyper Chrome Metallic)
<RX300 Ultimate / 450h Ultimate /
450h Ultimate Plus / 450hL Ultimate Plus>



20-inch aluminum wheels
(F SPORT package)
<RX300 F SPORT>

INTERIOR COLORS /

<SEMI-ANILINE LEATHER>



Ivory



Black



Noble Brown



Ocher

<SMOOTH LEATHER>



Ivory



Black



Noble Brown



Ocher



Black (F SPORT package)



Flare Red (F SPORT package)

<TRIM>



Laser Cut Wood



Shimamoku



3D Film



Aluminum

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RX