

LEXUS RX



CREATING AMAZING

For the new RX 450h we challenged ourselves with creating the best, most innovative, luxury crossover ever built – a car engineered without compromise, and capable of resetting benchmarks for performance, comfort and craftsmanship. We started by designing a bold new Lexus ‘face’ with class leading aerodynamics. Next, our engineers developed the innovative Lexus Hybrid Drive. Equipped with advanced technologies like Remote Touch – and available with an F SPORT model – the new RX 450h is extraordinarily enjoyable to drive. To achieve this, we drove countless laps on the gruelling Nürburgring racetrack, proving – quite literally – that we don’t stop until we create amazing.

TESTED WITH
COUNTLESS LAPS OF
THE NÜRBURGRING
RACETRACK





INFLUENTIAL MOVEMENT

The first RX crossover, introduced in 1998, broke new ground by combining the fun and flexibility of a Sports Utility Vehicle with the handling and refinement of a luxury saloon. Later, in 2004, we pioneered the world's first premium hybrid, the breakthrough RX 400h crossover. We now introduce the new RX 450h, which combines dynamic performance with the lowest CO₂ emissions in its class. Built at the Lexus 'Eco Factory' in Kyushu, Japan, the latest RX is destined to reset benchmarks for driving pleasure, comfort and leading edge refinement.

THE LOWEST
EMISSIONS IN
ITS CLASS

THE FACE OF PROGRESS

The RX 450h has been created using a bold, new version of our L finesse (L = Leading edge) design language. A dynamic first impression is created by the elegant new Lexus signature 'spindle grille'. Jewel like headlights enhance vision, while arrowhead shaped LED daytime running lights underline the crossover's distinctive look. The sleek and long cabin section gives powerful presence and generous inside space. Smooth underbody covers, air suspension that lowers the car for less wind resistance, and the integration of the wiper blade inside the rear spoiler all result in class leading aerodynamics.

The equipment listed above is available on selected grades.

JEWEL-LIKE
HEADLIGHTS
ENHANCE VISION



RX 450h: THE POWER OF h

The new RX 450h delivers amazing Full Hybrid performance, yet is incredibly easy to drive. Simply press the accelerator to achieve 0-62 mph in only 7.8 seconds, while using only 44.8 mpg of fuel on the combined cycle**. Powered by a potent second generation Lexus Hybrid Drive, this Lexus intelligently unites a 3.5 litre V6 petrol engine with two high output electric motors. Push the EV (Electric Vehicle) button to drive in near silence, using no petrol and emitting zero CO₂ or NO_x*. The RX 450h is also practical; the hybrid battery never needs external charging and occupies minimum room, resulting in generous luggage space.

* At point of driving dependent on speed, distance and conditions.

** See note on fuel consumption on page 40.

THE HYBRID BATTERY
NEVER NEEDS EXTERNAL
CHARGING



HOW DOES LEXUS HYBRID DRIVE WORK?

1 / Start up, driving off When starting off, the powerful electric motor can propel the RX 450h up to 25 mph with electric power supplied by the hybrid battery.

At this point the vehicle is almost silent, uses no petrol and produces zero emissions*.

2 / Normal driving conditions At speeds above 25 mph the ultra smooth 3.5 litre V6 direct injection Atkinson Cycle petrol engine cuts in, almost silently, but still receives assistance from the electric motor when required.

3 / Full throttle acceleration Accelerate and the powerful electric motors instantaneously supplement the 3.5 litre 249 DIN hp V6 petrol engine. Together they deliver a surge of torque for fast linear acceleration precisely when you need it.

4 / Deceleration, stopping, braking When decelerating or coming to a halt, the petrol engine turns off, cutting emissions to zero. Brake, or take your foot off the accelerator, and regenerative braking harnesses the kinetic energy lost in other cars. It converts this into electrical energy for storage in the hybrid battery, which is one reason why you never need to recharge a Lexus Full Hybrid.

**At point of driving, dependent on speed, distance and conditions.*



DRIVE MODE SELECT

Drive Mode Select allows you to choose between modes, to maximise either the car's efficiency or dynamic abilities.

1 / ECO / EV Mode In ECO mode, engine output, gear selection, air conditioning and heated seats are controlled to reduce fuel consumption. Select EV (Electric Vehicle) mode, and the RX 450h Full Hybrid provides a near silent drive, using no petrol and emitting zero CO₂ or NO_x*. In EV, ECO and NORMAL modes the instruments take on a tranquil blue colour, and the ecometer encourages you to drive more efficiently.

2 / SPORT Mode If you're in a dynamic mood, select SPORT mode and the RX immediately retunes the throttle for rapid acceleration. Switching to SPORT mode illuminates the instruments in a vibrant red.

**At point of driving, dependent on speed, distance and conditions.*



ENJOY THE ROAD AHEAD

Developed in the world's most advanced driving simulator, and then tested over many hundreds of thousands of kilometres, the new RX 450h handles with all the poise and precision of our luxury saloons. Innovative All Wheel Drive technology delivers superb road holding, particularly when cornering, and offers confident traction over rougher terrain. Achieved by engineering a stiffer chassis and developing a new double wishbone rear suspension for less body roll, the RX 450h's high speed performance was exhaustively tested on the world famous Nürburgring in Germany. On the Premier grade, air suspension provides an even more refined drive to help achieve a consistent vehicle height and even lowers the crossover at higher speeds for reduced wind resistance. State of the art Vehicle Dynamics Integrated Management (VDIM) anticipates difficult situations, making torque and braking corrections as required.

AIR SUSPENSION
MAINTAINS A
CONSISTENT
VEHICLE HEIGHT





DYNAMIC F SPORT

The new RX 450h F SPORT is dynamic and fun to drive, with assertive front end styling, mesh intake grilles and darkened 19 inch alloy wheels. Developed by an experienced team of Lexus 'Drive Meisters', the RX 450h F SPORT offers an incredibly precise and engaging drive. The F SPORT model is fitted with front and rear performance dampers to increase handling stability, while SPORT mode offers more responsive acceleration. Inside, the cockpit features leather sports seats with perforations and white stitching, aluminium pedals, metallic inlay panels and scuff plates; with the steering wheel and gearshift finished in perforated leather.

PERFORMANCE
DAMPERS INCREASE
HANDLING STABILITY



The tranquil cabin of the RX 450h will keep you relaxed and entertained, even on the longest journeys. The sumptuous driver's seat offers extensive electric adjustments. For ease of entry, the seat slides back 50 mm and the steering wheel retracts. Rear seats slide, tilt or fold too. Exquisitely stitched leather seating is standard. Gentle ambient lighting illuminates the start button and gearshift, and storage compartments open and close with the calming motion of a traditional Japanese sliding door. RX 450h quality is overseen by 'Takumi' master craftspeople, and before delivery every car is tested for leaks in a high pressure water chamber that simulates a tropical typhoon.

INSPIRED BY
THE TRADITIONAL JAPANESE
SLIDING DOORS

A NEW LEVEL OF LUXURY



Extensively tested in Arctic and desert conditions, the RX 450h cabin warms up as quickly as it cools down, while a special filter system reduces pollen, diesel particles and dust. Fitted as standard, the powerful air conditioning features independent control zones that distribute clean air quietly and efficiently throughout the cabin. Precise temperatures are maintained by a variety of sensors. So, if sunshine warms the upper body of driver or passengers, upper and lower temperatures are automatically controlled to compensate. The air conditioning is powered electrically by the hybrid battery, so you can stay comfortable with the engine off.

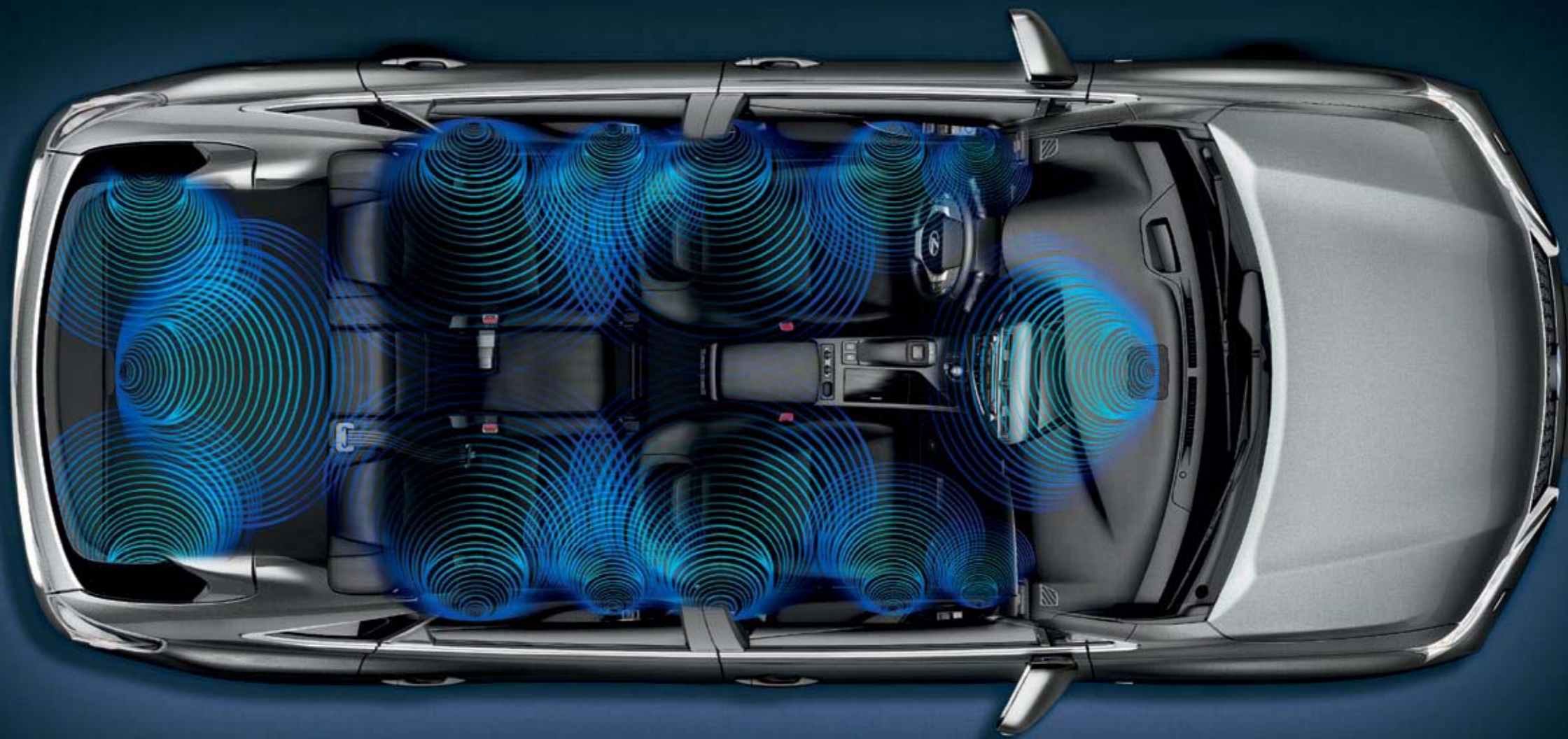
TESTED IN ARCTIC
AND DESERT
CONDITIONS

FRESHLY FILTERED

The new RX 450h is available with a 9, 12 or 15 speaker stereo. For the breathtaking top of the range sound system, which is fitted as standard on the Premier grade, Lexus and Mark Levinson spent many hundreds of hours perfecting it in the lab and on the road. The resulting superlative performance has been achieved by matching the system's 15 custom engineered loudspeakers with the particular acoustic characteristics of the cabin and their location within it. Because of this, passengers enjoy unparalleled 7.1 channel surround sound for their favourite CD or DVD. All RX 450h models have an auxiliary input and USB port for iPods® or other media players.

The equipment listed above is available on selected grades.

CUSTOM
-ENGINEERED
LOUDSPEAKER SYSTEM



INSPIRING SOUND

SAFE JOURNEY

Featuring an array of advanced safety features and world first innovations, the new RX 450h is an extraordinarily safe car in which to travel. An optional Pre-Crash Safety System uses millimetre wave radar to detect objects in front of the vehicle. If a high risk situation is determined, it warns you and activates Pre-Crash Brake Assist. If a collision is then deemed unavoidable, Pre-Crash Brake and Pre-Crash Seatbelts are activated within milliseconds.

The ergonomic interior and near silent cabin of the RX 450h let you concentrate on the road ahead, while low beam LED headlights offer extremely focused light. To help you see around corners, an Intelligent Adaptive Front lighting System automatically swivels the headlights into approaching bends for improved visibility.

The equipment listed above is available on selected grades.

HEADLIGHTS
AUTOMATICALLY
SWIVEL INTO
APPROACHING BENDS



The new RX 450h features ten airbags as standard. The breakthrough twin-chamber front passenger airbag 'catches' the occupant on impact, rather like a large baseball glove. Knee airbags fitted to both front seats supplement seatbelts and front airbags, protecting driver and front seat passenger in a collision. Curtain shield airbags across the side windows also inflate automatically to cushion your head in the unlikely event of the car rolling over. Finally, in developing the new RX 450h, we also aimed for the highest level of impact performance. For maximum strength, approximately 42% of the car's body weight is made up of high tensile steel, achieving a lightweight yet exceptionally rigid passenger safety cell.

LIGHTWEIGHT
YET EXCEPTIONALLY RIGID
PASSENGER SAFETY CELL

ADVANCED STRENGTH





The supreme quality that defines the new RX 450h begins at the Kyushu plant where the vehicle is built. For precision, much of the manufacturing is carried out by sophisticated robots, supplemented by the sensory skills of our Takumi master craftspeople. In the plant, we've waged war on dust. Workers wear pocketless, anti-static clothing and wash their shoes before entering the line. A water screen—nicknamed Niagara—reduces particles in the body shop by 90% to avoid imperfections in the painting process. Gleaming paintwork is produced by hand sanding each foundation coat (a time-consuming process normally reserved for coach-built cars) and is then checked by eye as well as digitally. Finally, before delivery, every RX 450h undergoes a 30 km evaluation session by an experienced Lexus test driver.

REDEFINING QUALITY

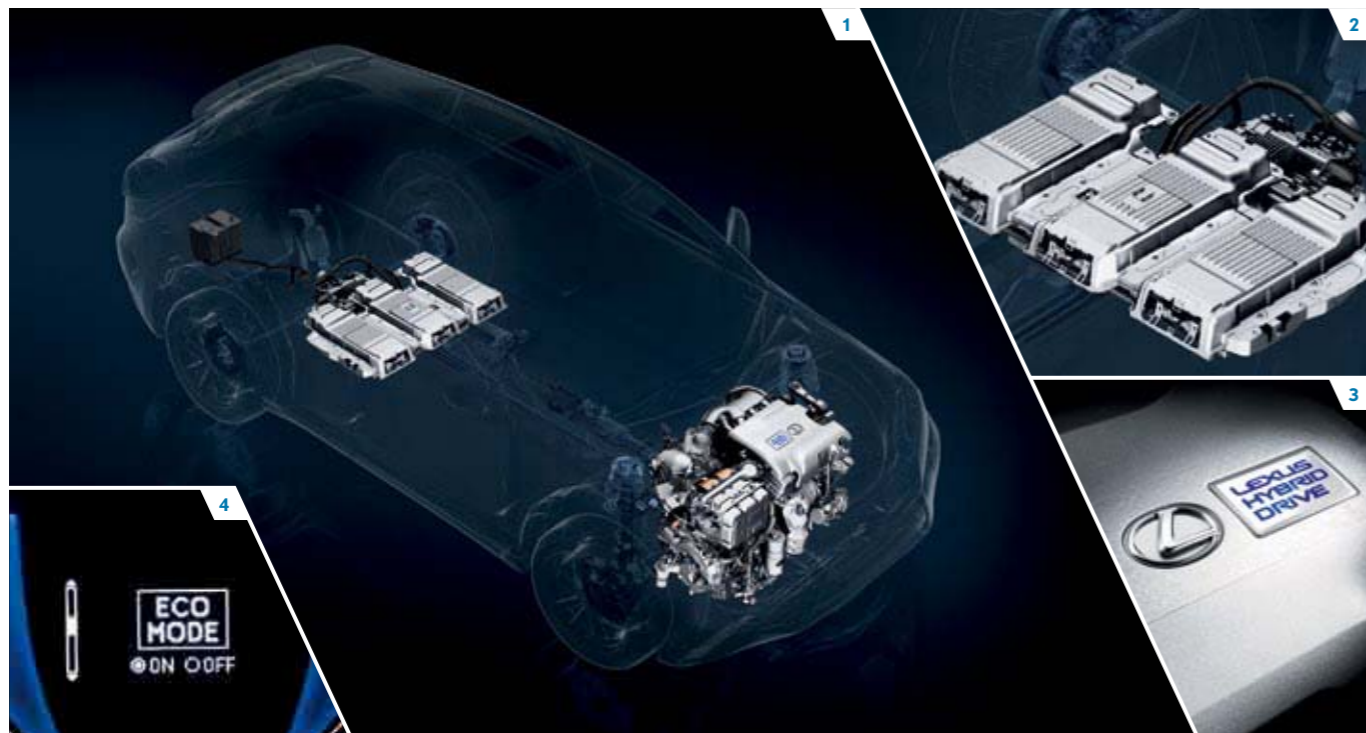


REDUCING OUR FOOTPRINT

The new RX 450h offers the cleanest and most efficient Full Hybrid drivetrain in its class, with breakthrough aerodynamic refinements. Everything about the RX 450h is designed to minimise environmental impact. At the end of its life, up to 85% of the car can be recycled, and 95% of the battery can be reused. The case goes to steel manufacturing, and the power cells are recycled using an induction based, vacuum thermal system pioneered by Lexus. Production at the Kyushu 'Eco Plant' is organised using our world famous lean manufacturing techniques, with waste kept to an absolute minimum. Each day the plant's Aqua Control Centre purifies thousands of tons of water.

85% OF THE CAR CAN BE
RECYCLED,
AND 95% OF THE BATTERY
CAN BE REUSED





Comprising a 3.5 litre V6 Atkinson Cycle petrol engine and two high output electric motors, the new RX 450h's Lexus Hybrid Drive offers maximum driving pleasure and low environmental impact. Acceleration from 0-62 mph takes only 7.8 seconds, overall emissions are just 145 g/km, and fuel consumption is only 44.8 mpg.

1 / E-Four The RX 450h is fitted with a revolutionary four wheel drive system called E FOUR. A light 68 DIN hp electric motor mounted on the rear axle delivers power instantly when required.

2 / Advanced hybrid battery A high output, nickel metal hydride (Ni-MH) 288 V battery is located under the rear seats. Without compromising interior space or comfort, the battery is constantly recharged and requires no external charging.

3 / 3.5-litre V6 petrol engine Able to smoothly shut down when not required, the 249 DIN hp V6 engine is tuned for energy efficient running. An innovative Exhaust Heat Recovery allows the engine to switch off earlier and more often, reducing fuel consumption and emissions.

4 / Eco mode The driver can also activate ECO mode, which retunes the throttle control and the air conditioning to reduce emissions and fuel consumption.

5 / Electric Vehicle (EV) Mode EV mode lets you drive at lower speeds over shorter distances using only electric power. Just touch a button on the centre console and EV is activated.



FULL HYBRID TECHNOLOGY



1 / Remote touch Next generation Remote Touch lets you interact intuitively with the central multimedia display. It is as easy to use as a computer mouse.

2 / Head-up display Key vehicle data, such as speed or navigation directions, is projected directly on to the windscreen within your field of vision.

3 / USB port and aux socket The USB port provides a connection for a variety of multimedia devices, including an iPod® or MP3 player.

4 / Parking assist monitor Engage reverse and the view behind the car is shown on the 8 inch display, complete with on screen guides to assist parking.

5 / 9 or 12-speaker sound system® The perfect environment to enjoy music and videos, the new RX 450h is available with 9 (SE) or 12 (Luxury/F SPORT) speaker premium audio system.

6 / 15-speaker Mark Levinson® Fifteen custom engineered loudspeakers provide 7.1 channel surround sound for your favourite music (standard on Premier grade).
The equipment listed above is available on selected grades.

AUDIO, COMMUNICATION AND INFORMATION



- 1 / Active stabilisers** For even more dynamic control, an active stabiliser system uses electrically adjustable front and rear anti-roll bars to deliver less body lean around corners and precision steering response.
- 2 / Electronically controlled air suspension** Unlike conventional coil springs, air suspension achieves a consistent vehicle height regardless of occupants and luggage. At high speeds, the vehicle automatically lowers, reducing wind resistance and ensuring stability. At the touch of a button, the rear of the RX 450h lowers for easier loading (standard on Premier grade).
- 3 / Double wishbone suspension** A sophisticated double wishbone rear suspension delivers outstanding performance, saloon like cornering characteristics and superb straight line stability.



DYNAMIC PERFORMANCE

1 / Ten airbags In a collision, impact intensity sensors activate front dual stage driver/passenger airbags and side airbags. Front seat passengers are also protected by knee airbags, and curtain shield airbags run the length of the side windows.

2 / Electronic Brakeforce Distribution Electronic Brakeforce Distribution (EBD) works with ABS to ensure the most effective brake force is applied to each wheel according to road conditions. It helps maintain stability during cornering and braking.

3 / Brake Assist System Brake Assist System (BAS) comes into action during emergency braking, when many drivers fail to apply sufficient force to the brake pedal, or release brake pressure too soon. If either of these situations occurs, BAS automatically applies extra force.

4 / Vehicle Stability Control Vehicle Stability Control (VSC) helps prevent loss of control, particularly when cornering quickly or at the onset of a skid, by the application of brakes and/or power reduction. In mud or snow, you can cancel the TRC and VSC functions for extra traction.

5 / Pre-Crash Safety (PCS) A millimetre wave radar sensor detects objects in front of the RX 450h. If it senses a high risk situation, it warns you, then activates Pre-Crash Brake Assist. If a collision is deemed unavoidable, Pre-Crash Brake and Pre-Crash Seatbelts are activated.

6 / Adaptive Cruise Control (ACC) ACC maintains a set distance from the vehicle ahead, even if that vehicle varies its speed. Once the road is clear, ACC returns to the specified cruising.

7 / Traction Control Traction Control (TRC) heightens the RX 450h's ability to grip the road, particularly when travelling over slippery or uneven surfaces. It instantly determines the best way to restore a detected loss of traction by reducing power or braking speed.

The equipment listed above is available on selected grades.

ADVANCED SAFETY



- 1 / Easy Loading** A vehicle height adjustment switch allows the rear of the RX 450h to be lowered for easy loading. A remote controlled tailgate adds extra convenience. (Standard on Premier grade)
- 2 / Xenon headlights** High Intensity Discharge xenon headlights, with auto levelling, high pressure cleaners, and LED daytime running lights are fitted as standard.
- 3 / Intelligent LED headlights** An Intelligent Adaptive Front lighting System automatically swivels the headlights into approaching bends. Low beam LED headlights offer very focused light, use less energy and last longer than conventional bulbs.
- 4 / Sunroof** The electric, tilt and slide glass sunroof lets the desired amount of light and air into the cabin with convenient one touch control.
- 5 / Parking sensors** Discreet sensors in the front and rear bumpers continuously calculate the distance to the nearest object. The intensity of audio and visual warnings indicates available space.
- 6 / Panoramic roof** A large, glass panoramic sunroof adds a feeling of freedom and spaciousness to the cabin of the RX 450h.
- 7 / Auto-folding, dimming and heated door mirrors** These can be folded in electrically to help negotiate narrow spaces. Electro chromatic technology dims the mirrors to prevent the risk of being dazzled. *The equipment listed above is available on selected grades.*

EXTERIOR FEATURES



- 1 / Leather steering wheel** The new 3 spoke leather trimmed steering wheel is high grip and tactile with buttons for audio, display, phone and voice command positioned close to the thumb tips.
- 2 / Heated/ventilated seats** Driver and passenger seat heaters are standard on SE, Luxury and F SPORT grades. In addition, Premier grade is fitted with front seat ventilation.
- 3 / Climate control** The cabin can be rapidly cooled or warmed using powerful, two zone electronic climate control. The system can be powered without the engine running.
- 4 / Leather seats** Sumptuous leather seating is standard, with the highest quality high grain leather standard on Premier grade.
- 5 / Seat adjustment** Ten way adjustment options help provide the perfect seating position. There are also lumbar support and memory settings.
- 6 / Seat flexibility** With all rear seats folded down, there's room to carry bulky objects. When the central section is lowered, longer items can be accommodated. With one of the wider rear seats dropped, there's space to stow a mountain bike. In addition, the rear seats slide backwards or forwards and the seatbacks can be reclined. *The equipment listed above is available on selected grades.*

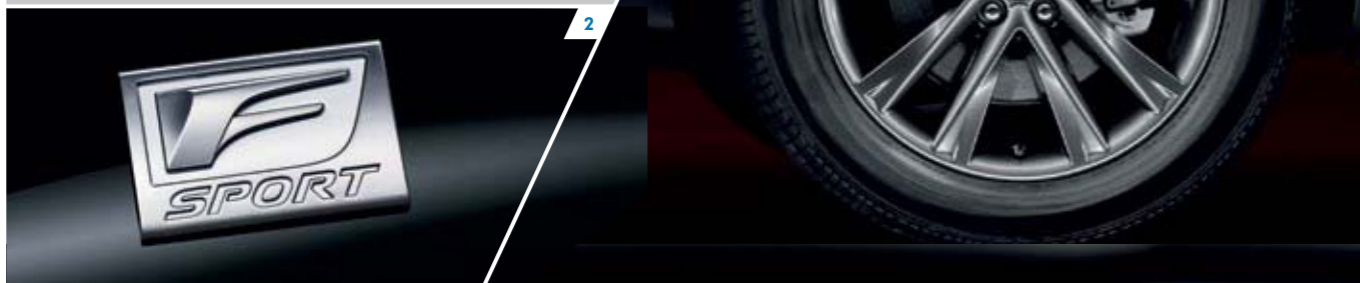
INTERIOR FEATURES

The new RX 450h is also available as an F SPORT grade. With its exclusive mesh spindle grille, the F SPORT makes a bold design statement. A deeper, lower front bumper features integral spoiler and F SPORT foglights.

1 / F SPORT 19-inch alloys Exclusive 5 twin spoke F SPORT 19 inch shaded alloy wheels give the car a sporty look on all types of terrain.

2 / F SPORT badge The F SPORT logo is a discreet badge of distinction. Its design is inspired by motorsports and hints at a shared lineage with the Lexus LFA V10 supercar.

3 / Exclusive spindle grille The F SPORT has a distinctive mesh spindle grille and aggressive bumper styling. The deeper, lower section incorporates an integral spoiler and round chrome foglights.



F SPORT EXTERIOR DESIGN



1 / F SPORT leather upholstery Beautiful black/grey leather upholstery, black roof lining and metallic finished dashboard trim have been developed for the RX 450h F SPORT. For a tactile, sporty feel, the gearshift and steering wheel are finished in perforated leather.

2 / Drilled sport pedals With a nonslip finish, the drilled aluminium pedals in the RX 450h F SPORT model are comfortable and precise.

3 / Silver trim inlays Silver trim finish inlays perfectly complement the drilled sport pedals, scuff plates and other interior trim elements.

4 / F SPORT steering wheel A bespoke sports steering wheel, complete with F SPORT logo, gives a tangible sense of being at one with the RX 450h F SPORT.

F SPORT INTERIOR DESIGN

MAXIMUM OUTPUT

DIN hp / kW	299 / 220
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ENGINE

Capacity (cm ³)	3456
Cylinders / valves	V6 / 24
Valve mechanism	VVT i
Fuel type	Petrol, 95 octane or +
Max. power (DIN hp / kW @ rpm)	249 / 183 @ 6000
Max. torque (Nm @ rpm)	317 @ 4800

TRANSMISSION

Driven wheels	Part time four wheel drive (E FOUR)
Transmission	E CVT (Electronically controlled Continuously Variable Transmission) with sequential shift mode.

HYBRID DRIVE

Electric front motor	AC synchronous, permanent magnet
Maximum output (DIN hp / kW)	167 / 123
Maximum torque (Nm)	335
Electric rear motor	Standard
Maximum output (DIN hp / kW)	68 / 50
Maximum torque (Nm)	139
Electric generator	
Voltage (V)	650
High voltage battery	Nickel Metal Hydride (Ni MH)
Voltage (V)	288

PERFORMANCE

Max. speed (mph)	124
0-62 mph(s)	7.8

FUEL CONSUMPTION mpg (l/100km)

Urban	43.5 (6.5)
Extra urban	47.1 (6.0)
Combined	44.8 (6.3)

CO₂ EMISSIONS (g/km)

Emissions level	Euro V
Combined	145

BRAKES

Front and rear	Ventilated discs
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SUSPENSION

Front	MacPherson strut, coil springs
Rear	Double wishbone

STEERING

Type	Rack and pinion with Electric Power Steering (EPS)
Turns (lock to lock)	2.79
Minimum turning radius (m)	5.7

WEIGHTS (kg)

Gross vehicle weight	2700
Kerb weight (min.-max.)	2110-2205
Towing capacity (with brakes)	2000
Towing capacity (without brakes)	750

DRAG COEFFICIENT

Cd value	0.32
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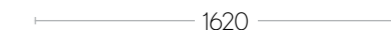
CAPACITIES (l)

Fuel tank	65
Luggage compartment*	
With rear seats up	446
With rear seats down	825

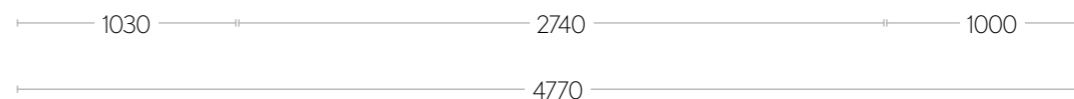
Fuel consumption varies significantly depending on driving style, conditions, vehicle weight and speed. In order to allow consumers to compare and make an informed choice between one vehicle and another, there is a European Commission standard (93/116/EC and 692/2008) to measure fuel consumption. This common standard must be adhered to by all manufacturers selling motor vehicles in the EU, and is the basis for the fuel consumption figures published by each manufacturer. For information on how the test is performed please visit: www.dft.gov.uk/vca/tcb/faqs_fuel_consumption.asp.

*Calculated as per the VDA method on a vehicle with a temporary spare wheel.

Measurements in mm



1685



* Overall height 1680 mm (+30 mm in Hi mode, -20 mm front / -5 mm rear in Lo mode and -30 mm in loading mode) on Premier grade.

RX 450h TECHNICAL DATA

ACTIVE SAFETY AND DRIVING DYNAMICS

- ABS (Anti lock Braking System)
- BAS (Brake Assist System)
- TRC (Traction Control)
- EBD (Electronic Brakeforce Distribution)
- VSC+ (Vehicle Stability Control)
- VDIM (Vehicle Dynamics Integrated Management)
- HAC (Hill start Assist Control)

PASSIVE SAFETY

- Driver and front passenger 2 stage airbag
- Driver and front passenger knee airbag
- Drive and front passenger TAP (Thorax Abdomen Pelvis) extended side airbags with head protection
- Rear passenger side airbags
- Curtain shield airbags
- Front passenger airbag cut off switch
- ISOFIX attachment (rear seats)
- Seatbelt pre tensioners (front and rear)
- WIL (Whiplash Injury Lessening) front seats

EXTERIOR

- LED (Light Emitting Diode) Daytime Running Lights
- Headlight washers
- LED rear lights
- Outside rear view mirrors; electrically adjustable, heated, foldable, electrochromatic (auto dimming)
- Laminated front side windows with UV reduction glass
- Rain sensing wipers

AUDIO, COMMUNICATION AND INFO

- Bluetooth® connectivity
- Optitron display with ECD (Electrochromatic Device auto dimming)
- Auxiliary and USB port
- Multi information display in centre instrument cluster

SECURITY

- Anti theft system, alarm and immobiliser
- Auto door locking with double door lock
- Smart entry and start system

INTERIOR COMFORT AND CONVENIENCE

- Cruise control
- LED interior illumination
- Electrically adjustable steering wheel (tilt and telescope)
- EPS (Electric Power Steering)
- Illuminated entry system
- Separated driver/passenger temperature controls
- Dual zone climate control with clean air filter and pollen removal mode
- Leather steering wheel with audio, telephone, cruise control and multi function switches
- Leather gear stick
- Front and rear armrest
- 40:20:40 split, sliding and foldable rear seats

● Standard ○ Optional

18" alloy wheels 5 spoke (235/60 R18)

Darkened 19" alloy wheels 15 spoke (235/55 R19)

F SPORT Darkened 19" alloy wheels 10 spoke (235/55 R19)

19" alloy wheels 10 spoke (235/55 R19)

HID (High Intensity Discharge) headlights with I AFS® (Intelligent Adaptive Front Lighting System)

LED headlights with I AFS

9 speaker audio system with in dash, single slot 6 CD autochanger

12 speaker audio system with single DVD player

15 speaker Mark Levinson® premium surround system

Digital Audio Broadcasting (DAB) radio

Full map navigation pack

Side monitor

HUD (Head Up Display)

Leather upholstery with 8 way electrically adjustable heated front seats

F SPORT black smooth leather upholstery with 8 way electrically adjustable heated front seats

High grain leather upholstery with 10 way adjustable heated and ventilated front seats

Memory function for driver's seat, steering wheel and exterior mirrors

Memory function for both front seats, steering wheel and exterior mirror

Parking assist sensors (front and rear)

F SPORT interior and exterior styling package

F SPORT specific suspension tuning

Electrochromatic rear view mirror with integral rear view monitor

Electrochromatic rear view mirror

Electric sunroof

Panoramic roof

Rear seat ICE (In Car Entertainment)

ACC (Adaptive Cruise Control) / PCS (Pre Crash Safety)

Wood pack without heated steering wheel

Wood pack with heated steering wheel

	SE	LUXURY	F SPORT	PREMIER
18" alloy wheels 5 spoke (235/60 R18)	●			
Darkened 19" alloy wheels 15 spoke (235/55 R19)		●		
F SPORT Darkened 19" alloy wheels 10 spoke (235/55 R19)			●	
19" alloy wheels 10 spoke (235/55 R19)				●
HID (High Intensity Discharge) headlights with I AFS® (Intelligent Adaptive Front Lighting System)	●	●		
LED headlights with I AFS			●	●
9 speaker audio system with in dash, single slot 6 CD autochanger	●			
12 speaker audio system with single DVD player		●	●	
15 speaker Mark Levinson® premium surround system			○	●
Digital Audio Broadcasting (DAB) radio	○	●	●	●
Full map navigation pack		●	●	●
Side monitor				●
HUD (Head Up Display)			●	●
Leather upholstery with 8 way electrically adjustable heated front seats	●	●		
F SPORT black smooth leather upholstery with 8 way electrically adjustable heated front seats			●	
High grain leather upholstery with 10 way adjustable heated and ventilated front seats				●
Memory function for driver's seat, steering wheel and exterior mirrors	●	●	●	
Memory function for both front seats, steering wheel and exterior mirror				●
Parking assist sensors (front and rear)		●	●	●
F SPORT interior and exterior styling package			●	
F SPORT specific suspension tuning			●	
Electrochromatic rear view mirror with integral rear view monitor	●			
Electrochromatic rear view mirror		●	●	●
Electric sunroof		○	○	●
Panoramic roof		○	○	○
Rear seat ICE (In Car Entertainment)	○	○	○	○
ACC (Adaptive Cruise Control) / PCS (Pre Crash Safety)			○	○
Wood pack without heated steering wheel		○		
Wood pack with heated steering wheel				○

STANDARD EQUIPMENT FOR ALL GRADES

ADDITIONAL EQUIPMENT BY GRADE



1 / Roof rack + ski box The lockable lightweight aluminium roof rack is easy to install and use. It combines with a wide range of optional carrying attachments. The attachments include ski, bike, boat and surfboard holders, a luggage box and a ski box (as shown).

2 / Rear bicycle holder A lightweight high strength steel design for securely carrying two bicycles. It attaches to a Lexus towing hitch and features security locking plus an integral lights and licence plate holder.

3 / Rear underrun With its wraparound styling, the Lexus rear skirt extends the depth of the RX 450h rear bumper to establish a dynamic low profile appearance.

4 / Front skirt with integrated underrun The Lexus front skirt complements the smooth aerodynamic contours of the RX 450h front bumper.

5 / Child restraint seats The range of Lexus child restraint seats includes options for each age group. There's the Baby Safe Plus (as shown) for babies from 0-9 months, the Duo Plus for children of 9 months-4 years and the Kid for children aged 4-12 years.

6 / Detachable towing hitch The Lexus towing hitch is designed with extra rigidity to reduce stress forces transmitting back to the car. It has a removable hook and a 2000 kg towing capacity. The system's wiring kit, which is individually tailored to fit the RX 450h, incorporates indicator failure detection and a buffer amplifier to shield the car's electrical system against faults in the trailer's system.

Please contact your local Lexus Centre for details of the full accessory range.

LEXUS GIFTS

At Lexus, we create luxury vehicles of refinement and style that combine innovation, technological excellence and reliability. These are qualities we believe you look for not only in your vehicle, but in other areas of your life too. Which is why we've applied the same exacting standards to the Lexus Collection. Every item in the Lexus Collection is a statement in style. Discreet. Well made. Expertly finished. In fact, everything you've come to expect from Lexus.

- 1 / Men's watch with Japanese quartz chronograph movement. Stainless steel case, dome lens and Italian grain leather strap. Water resistant to 10 atm, with one year guarantee. Supplied in a luxury gift box, making it an ideal present. LEXU0167
- 2 / Ladies' watch with Japanese slimline quartz movement. Sunray dial and stainless steel strap. Water resistant to 3 atm, with one year guarantee. Supplied in a luxury gift box, making it an ideal present. LEXU0168
- 3 / Cross signature journal with cleverly integrated pen sleeve and complimentary pen, ribbon page marker, expandable inner pocket and acid free paper. LEXU0166

- 4 / Striking golf umbrella with double canopy. Black outer canopy and blue inner canopy. Finished with ergonomic rubber sports grip and branded with white Lexus logo on two outer panels and bottom of handle. LEXU0169
- 5 / 100% Cotton baseball cap with garment wash and adjustable closure mechanism. Embroidered with the Lexus logo on the side on the cap. Available in black and white. LEXU0184BLK
- 6 / The highly impressive Callaway Golf Euro Chev Luxury Trolley Bag. Offers 9 pockets to store everything you require, including twin full length apparel pockets, soft lined valuables pocket with waterproof zipper, scorecard pocket, wet pocket, upper dry pocket with waterproof zipper, an insulated drinks pocket, golf ball pocket and an accessory pocket. Embroidered with the Lexus logo on the front pocket. LEXU0187

HOW TO ORDER:

The Lexus Collection is available to buy from your local Lexus Centre. On these pages you'll find a selection of the items available. For the full range, please visit your local Lexus Centre or visit www.lexus.co.uk



LEXUS COLLECTION

ROADSIDE ASSISTANCE

We want to ensure that you enjoy driving your Lexus anywhere in Europe with complete peace of mind. This is why we provide you with Lexus Roadside Assistance 24 hours a day, 365 days a year in both the UK and Europe*. Your membership gives you personal cover. That means you are entitled to the full range of benefits and services as the driver or passenger of any vehicle, not just while driving your Lexus. Your partner is also eligible for the same cover provided you both reside at the same address.

To make use of this added bonus, please register your partner with Lexus Roadside Assistance on 0800 169 0393.

* Lexus Roadside Assistance is provided for the first three years of owning the car

THREE-YEAR COMPREHENSIVE WARRANTY

Any defect that is attributable to a manufacturing or assembly defect under normal use is covered by your warranty. This provision applies for a period of three years or 60,000 miles, whichever comes first, with no mileage limit for the first year. In the event of a breakdown immobilising your Lexus, the cost of recovering it to the nearest Lexus Centre is also covered if that breakdown is the result of a warrantable defect.

FIVE-YEAR HYBRID COMPONENT WARRANTY

For hybrid models, certain components within the hybrid drivetrain system have a five year or 60,000 miles warranty, whichever comes first.

THREE-YEAR SURFACE RUST AND PAINTWORK WARRANTY

The three year, unlimited mileage warranty covers surface rust and paint defects on any painted body panels due to a fault in material or workmanship.

12-YEAR CORROSION PERFORMANCE WARRANTY

A 12 year unlimited mileage warranty covers the vehicle against rust perforation through any sheet metal body panel (subject to certain exclusions specified in the warranty booklet) occurring as a result of a manufacturing or assembly defect in the vehicle. The warranty booklet supplied with each new vehicle gives full details. This warranty is also transferable to subsequent owners.

ACCESSORIES

Please consult your local Lexus Centre for the full specification of approved Lexus Accessory products.

LEXUSCARE®

For us, caring for your Lexus is the equivalent of caring for you, our customer. Each member of the Lexus team has honed their skills and knowledge to ensure that you experience the highest levels of care. This extends to every aspect of our service. Wherever possible we will provide a replacement car while yours is being maintained and we aim to ensure that any time you spend with us in the Lexus Lounge is relaxing and enjoyable. Read a paper, watch television or even work on your laptop. Excellence of service is more than just a goal, it's our passion. And, through the LexusCare® programme, that passion endures long after your car has left the showroom.

LEXUS FINANCIAL SERVICES

Lexus Financial Services offers an extensive range of finance products, including Lexus Connect Contract Purchase and Lexus Connect Contract Hire, products that offer a combination of benefits designed to make acquiring a Lexus as easy as driving one. Whether you are a private motorist looking for the most flexible, affordable options or a business wishing to boost cash flow and tax efficiency, our finance products provide attractive, refined solutions. Your Lexus Centre will be happy to discuss the full range of financing options available and create a quotation that is right for you. When you choose to go ahead your Lexus Centre will arrange your application. There are no lengthy forms to fill in and immediate acceptance is possible in many cases. Delivering complete customer satisfaction underpins everything we do at Lexus, so once you commence an agreement with us, you can rest assured that our team of UK based customer service representatives are only a phone call away if you have any queries. Finance subject to status to over 18s. Terms and conditions apply. Indemnities may be required.

WORLD-LEADING QUALITY

Since its launch, Lexus has been in the vanguard of what is achievable in the luxury automobile category. Our long list of awards and quality records is proof of this achievement: in addition to awards for best luxury car, best chauffeur car, best security and being rated best manufacturer, over the past decade Lexus has continued to lead the way in customer satisfaction and has been awarded the highest position in several UK vehicle ownership satisfaction studies.

OWNING A LEXUS



SE AND LUXURY GRADES:

Smooth Leather 1 / Ivory 2 / Saddle Tan 3 / Black 4 / Light Grey
 Inlay A / Dark Grey Gloss* B / Dark brown walnut wood** (with ivory and saddle tan)
 C / Dark grey bird's eye maple wood** (with grey and black)

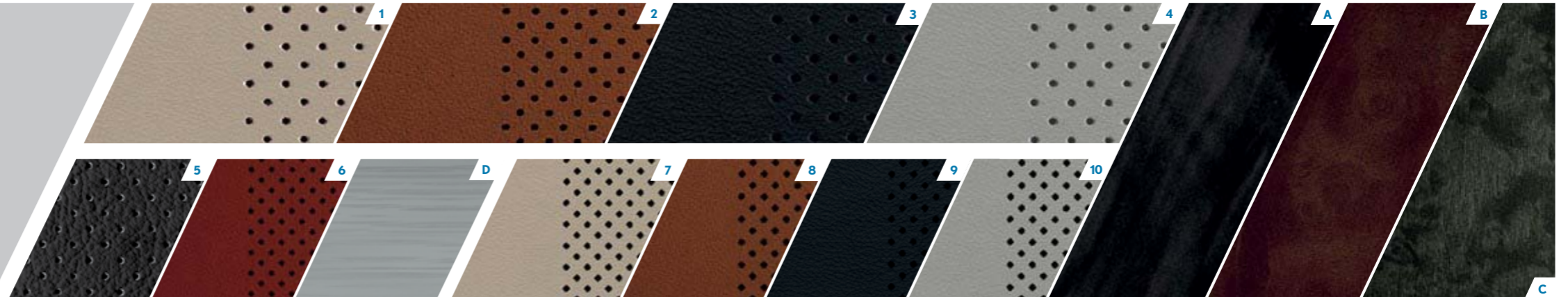
F SPORT:

Leather 5 / F SPORT black 6 / Garnet Red Inlay D / Aluminium

PREMIER:

High Grain Leather 7 / Ivory 8 / Saddle Tan 9 / Black 10 / Light Grey
 Inlay A / Dark Grey Gloss* B / Dark brown walnut wood** (with ivory and saddle tan)
 C / Dark grey bird's eye maple wood** (with grey and black)

* Standard ** n/a on SE, optional on Luxury and Premier



INTERIOR COLOURS



VELVET BLACK (212)*



CELESTIAL BLACK (217)



MERCURY GREY (1H9)



SATIN SILVER (1J4)



ATLANTIC BLUE (8V3)



BURGUNDY RED (3S0)



ARCTIC PEARL (077)



STARFIRE PEARL (078)



VANILLA MIST (4U7)

EXTERIOR COLOURS

The following exterior colours are NOT available on RX 450h F SPORT; Starfire Pearl (078), Vanilla Mist (4U7).
* Solid colour



EXPERIENCE THE NEW RX

We hope to have illustrated in these pages that Lexus creates vehicles of refinement, innovation and style. But only behind the wheel of one of our models can you truly experience the pleasure, performance and seamless anticipation of your needs as a driver at first hand. Simply consult your local Lexus Centre to arrange a test drive.

For further information, to find out more about owning a Lexus or to simply locate your local Lexus Centre, please visit our website, www.lexus.co.uk, or call 0845 278 8888.

END OF LIFE VEHICLES

Taking care of the environment is a priority for Lexus. We strive to minimise the environmental impact of our vehicles throughout their life cycle – from design, production, distribution, sales and service to end of life. For more detailed information on environmental performance please visit www.lexus.co.uk

Please note while every effort is made to reproduce accurate information, we reserve the right to change specifications, equipment and availability without prior notice. The brochure cannot be regarded as infallible (the car shown is left hand drive) and, as such, does not constitute an offer for sale of the particular car shown. Information in this brochure was correct at the time of going to press.

THE NEW RX 450h

ADVANCE



 LEXUS

THE RX 450h ADVANCE

THE WORLD'S MOST ADVANCED HYBRID SPORTS UTILITY VEHICLE, WITH STUNNING NEW 'SPINDLE GRILLE', LED HEADLIGHTS AND 19" ALLOYS.

Available for a limited period only, the new RX 450h Advance has all the power, handling and performance characteristics of the RX 450h Full Hybrid Sports Utility Vehicle. Outside we've given it a more dynamic look, with a new Lexus 'spindle grille', LED headlights, sunroof or panoramic roof and exclusive 7 spoke 19" alloy wheels. Delivering the refinement and comfort of a luxury saloon, but with the flexibility of a Sports Utility Vehicle, the RX 450h Advance is highly rewarding to drive. Accelerate and the 299 DIN hp Lexus Hybrid Drive propels you smoothly from 0 - 62 mph in just 7.8 seconds.





EXCLUSIVE SURROUNDINGS

**ENJOY PEERLESS
SPORTS UTILITY
VEHICLE FLEXIBILITY,
A PANORAMIC ROOF
OR SUNROOF AND
AWARD-WINNING
LEXUS QUALITY.**

For a light and airy cabin, the new RX 450h Advance is fitted as standard with either a large panoramic roof or sunroof. Inside you can relax in beautifully finished smooth leather seats and enjoy leading edge navigation, comfort and entertainment technology. The perfect partner for business, sport or leisure, the ergonomic cockpit features intelligently positioned controls enabling a really focused drive. For seamless interaction, Remote Touch lets you control the RX 450h Advance's 12 speaker premium audio system, Electronic Climate Control and Full Map Navigation.



The new RX 450h Advance builds on the RX Luxury grade, but with certain key design changes to enhance its purposeful looks. These include:

1 / Dynamic grille The signature 'spindle grille' enhances the car's powerful L-finesse (L = Leading edge) front design and emphasises the Advance's athletic appearance.

2 / 19" alloy wheels With a smoked effect finish, these exclusive 7-spoke alloy wheels complement the grey front grille and exquisite LED headlights to further enhance the powerful design.

3 / LED headlights To help you see around corners, an Intelligent Adaptive Front-lighting System automatically swivels the headlights. On the RX 450h Advance, low-beam LED headlights offer extremely focused light, use less energy and last longer.

4 / Panoramic roof or sunroof Choose either option as standard on the RX 450h Advance. Both of these large fitted roofs will add a feeling of freedom, spaciousness and light to the cabin. The panoramic roof is fitted with a 3-part electric sliding blind, to shade you should the sun become too intense.

RX ADVANCE FEATURES

	RX 450h AWD
MAXIMUM OUTPUT	
DIN hp / kW	299 / 220
ENGINE	
Capacity (cm ³) / Cylinders / Valves	3456 / V6 / 24
Max. power (DIN hp / kW @ rpm)	249 / 183 @ 6000
Max. torque (Nm @ rpm)	317 @ 4800
ELECTRIC MOTOR	
Front Max. output (DIN hp / kW)	167 / 123
Rear Max. output (DIN hp / kW)	68 / 50
HYBRID BATTERY	
Type	Nickel Metal Hydride (Ni-MH)
TRANSMISSION	
Driven wheels	Part-time All Wheel Drive (E-FOUR)
Transmission	Electronic Continuously Variable Transmission (E-CVT)
PERFORMANCE	
Max. speed (mph) / 0-62 mph (s)	124 / 7.8
CO₂ EMISSIONS* (g/km)	
Combined	145
FUEL CONSUMPTION* mpg (l/100 km)	
Combined	44.8 (6.3)
DIMENSIONS (mm)	
Length / Width	4770 / 1885
Height (with panoramic roof)	1685 (1690)

* The fuel consumption and CO₂ values are measured in a controlled environment, in accordance with the requirements of Directive 80/1268/EEC incl. its amendments, on a vehicle with European Standard equipment. The fuel consumption and CO₂ values of your vehicle may vary from those measured. Driving behaviour as well as other factors (such as road conditions, traffic, vehicle condition, tyre pressure, installed equipment, load, number of passengers, etc.) play a role in determining a car's fuel consumption and CO₂ emissions. Quoted MPG figures: The mpg figures quoted are sourced from official EU regulated tests. These are provided for comparability purposes and may not reflect actual driving experiences. Fuel consumption varies significantly depending on driving style, conditions, vehicle weight and speed. In order to allow consumers to compare and make an informed choice between one vehicle and another there is a European Commission standard (93/116/EC and 692/2008) to measure fuel consumption. This common standard must be adhered to by all manufacturers selling motor vehicles in the EU, and is the basis for the fuel consumption figures published by each manufacturer. For information on how the test is performed, please visit: http://www.dft.gov.uk/uca/lcb/faqs/fuel_consumption.asp

TECHNICAL DATA



EXPERIENCE THE RX 450h ADVANCE

TEST DRIVE A LEXUS

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END-OF-LIFE VEHICLES

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