



KEY FEATURES

- 3.5-litre V6 petrol engine with Lexus Hybrid Drive (220kW/299 DIN hp system output)
- Combined CO₂ emissions of 148g/km
- Hybrid drive transmission, incorporating Electronic-Continuously Variable Transmission (E-CVT) with sequential shift mode
- 18-inch alloy wheels
- Leather steering wheel with multifunction controls
- Heated leather seats with lumbar support
- Anti-lock Braking System (ABS)
- Brake Assist System (BAS)
- Vehicle Stability Control (VSC)
- Electronically Controlled Braking (ECB)
- Traction Control (TRC)
- Vehicle Dynamics Integrated Management (VDIM)
- Eco and EV modes
- Power meter
- Multi-information display (Organic Light Emitting Diode technology, driver customisation interface)
- Hill-start Assist Control (HAC)
- High Intensity Discharge (HID) bi-xenon headlights with auto on/off function
- Intelligent-Adaptive Front-lighting System (I-AFS)
- 10 airbags (driver and front passenger front, side and knee; curtain shield)
- Illuminated entry system
- Anti-theft system (immobiliser, siren, intrusion and inclination sensors)
- Electrochromatic interior mirror
- Dual zone climate control with auto recirculation mode
- Bluetooth® connectivity
- Parking sensors
- 9-speaker Premium Audio system with FM/AM RDS tuner; in-dash, single-slot 6-CD autochanger; MP3/WMA compatibility, USB port and AUX socket

OPTIONAL FEATURES

- Remote Touch
- Head-Up Display (HUD)
- Side View Camera
- Mark Levinson® Audio
- Pre-Crash Safety system (PCS) with Adaptive Cruise Control (ACC)
- Power back door
- Card key entry
- Active stabilisers or air suspension
- Hard Disk Drive Navigation system
- 19-inch alloy wheels

The RX 450h will be launched in summer, 2009. 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 vehicle shown is left-hand drive) and as such does not constitute an offer for sale of the vehicle shown. Preliminary data and specifications are subject to change. For the location of your nearest Lexus Centre, please visit www.lexus.co.uk or call 0845 278 8888.



THE NEW LEXUS FULL HYBRID RX 450h



THE NEXT-GENERATION RX 450h HYBRID

The Lexus RX created a whole new category of vehicle when it was launched in 1998. As the first to offer both the practical abilities of a four-wheel drive and the luxury and sophistication of a saloon, it won global plaudits and a huge following. Now, more than a decade on, the next-generation Lexus RX 450h is pushing the boundaries once again.

At its core is the next phase of the Lexus Hybrid Drive system, intelligently combining a 3.5-litre V6 Atkinson Cycle petrol engine with two high-output electric motors and an advanced compact battery. The result? CO₂ emissions of just 148g/km – a similar output figure to that of a compact four-cylinder car.

This sophisticated 'Full Hybrid' system is unique in offering true zero emissions capability. At low speeds the vehicle is often exclusively powered by the two electric motors, creating an almost silent drive that is free of all CO₂, NO_x and harmful particulate emissions. When not required, the petrol engine may switch off to save fuel, while intelligent regenerative braking recovers energy and converts it into electric power stored in the vehicle's battery.

For the first time, drivers can switch to Eco mode, which alters the throttle mapping and eases air-conditioning use, or Electric Vehicle (EV) mode for emission-free driving over short, low-speed distances. Another innovation, Exhaust Heat Recovery, improves engine efficiency by using exhaust heat to warm the engine and reduce warm-up time, while the Exhaust Gas Recirculation system improves engine efficiency by reducing heat loss.

After four years of development and thousands of miles of testing around the world – from Palm Springs, California, to the Nürburgring circuit in Germany – we believe the RX 450h is the most complete luxury crossover ever.

Performance

Max. system output: 220kW (299 DIN hp)

Acceleration: 0-62mph: 7.9 seconds
50-75mph: 5.7 seconds

Combined fuel consumption: 44.8mpg
(6.3 l/100km)

Combined CO₂ emissions: 148g/km



THE SHAPE OF TOMORROW

The new RX 450h fuses futuristic design cues with the Japanese passion for resolving paradoxes. Beyond the vehicle's dynamic, almost coupé-like profile you'll find all the classic space of a large four-wheel drive.

While clearly an evolution of the original RX, the RX 450h has its own very distinctive presence, with a new emphasis on strength and agility. The re-shaped roofline curves down towards the rear to create a sweeping shoulderline and low, powerful stance. But it's not all about looks. The streamlined profile is the result of hundreds of hours of testing in a wind tunnel and is a key reason why the RX 450h has a class-leading drag coefficient of just 0.32.

The rear spoiler was also developed primarily to lower the drag coefficient, yet it was sculpted with great finesse and is a beautiful example of the Lexus attention to detail. Closer inspection reveals a rear wiper concealed under the spoiler and a high-mounted brake light built into it, while an integrated radio antenna does away with the need for a conventional aerial.

The RX 450h also has a distinct, but subtle, hybrid identity, with blue-tinted headlights, blue-trimmed badging and a hybrid emblem on the front and rear.





COMPLETE HOSPITALITY

The interior of the RX 450h has been re-designed using the most advanced ergonomic methodology to reduce the information overload sometimes experienced by drivers. The cockpit is now split into the 'display zone' and the 'operation zone'.

The 'display zone' informs the driver via an 8-inch display screen which is set back in the dashboard for improved visibility. To reduce eye movement even further, a crisp white LED multi-information display in the central panel ensures exceptional visibility, while the optional Head-Up Display (HUD) projects key data onto the lower windscreen. To ensure maximum clarity, the HUD was extensively tested in all conditions, including on the snow-covered roads of Hokkaido in northern Japan.

The 'operation zone' is where the driver interacts with the RX, via the multi-information switch on the steering wheel, the control panel or the optional Remote Touch system. Conveniently positioned on the centre console, Remote Touch feels as natural as using a computer mouse and will revolutionise the way drivers interact with their vehicle. It allows the driver or front seat passenger to control the navigation, entertainment and climate systems simply by moving a pointer around the display screen and clicking 'Enter'.

Every element of the cabin of the new RX communicates an unambiguous message of sophisticated luxury and quality, from the meticulously stitched leather-covered steering wheel to the comfortable leather seats. Futuristic styling and attention to detail are ever-present: wood trim is hand-finished, windows open and close with the slow-fast-slow motion of a traditional Japanese Fusuma sliding door and instruments dim gracefully to leave a gentle afterglow.

