

ALL RANGE ROVER. ALL ELECTRIC. TESTED FOR LEADERSHIP.

- The first Range Rover Electric prototype vehicles are now being subjected to global testing, as they complete cold temperature calibration assessment in the Arctic Circle
- First images released of the initial all-black prototypes: its modernist design language stays true to the Range Rover bloodline while an uncamouflaged exterior underlines the build quality of the initial prototypes
- Release of first Range Rover Electric vehicles on-road follows year-long component and virtual development process which will be on track to deliver the quietest and most refined Range Rover ever created

Range Rover Electric will lead the way for electric propulsion capability, refinement and luxury travel, with the first vehicle prototypes now deployed at some of the world's most challenging test locations. The all-electric drivetrain is now being put through its paces at extremes of temperatures, from -40°C in the Arctic Circle, to +50°C in the searing deserts of the Middle East.

The first tests have focused on the capability of the battery and Electric Drive Unit (EDU) - effectively the vehicle's core components including the transmission, electric motor and power electronics - in extreme sub-zero temperatures as low as -40°C. Both the battery and EDU are assembled in house by JLR in a first for the brand.

Testing on the frozen lakes of Sweden has demonstrated Range Rover's new-in house all-electric propulsion system, which will allow Range Rover to exceed its already renowned performance on low-grip surfaces, ensuring the all-terrain, all-weather and all-surface capability of the Range Rover remains unparalleled.

In a first for Range Rover, a new traction control system delivers exceptional levels of performance on icy or low-grip surfaces. Rather than a traditional traction control setup based solely in the ABS unit, Range Rover Electric distributes the wheel slip management task directly to each individual electric drive control unit, reducing the torque reaction time at each wheel from around 100 milliseconds, to as little as 1 millisecond.

Innovative software, developed in house by JLR, enables precise EDU speed control for accurate management of wheel slip, reducing the need for ABS intervention. Traction is maximised on all surfaces with exceptional response and composed refinement, significantly enhancing the Range Rover drive experience. This system works in harmony with the stability control and chassis systems to provide an even more overall refined drive.

Thomas Mueller, Executive Director, Product Engineering, said: "Range Rover with electric power – means customary Range Rover luxury, refinement and capability plus near-silent fully electric propulsion; with effortlessly smooth and relaxed journeys.

To ensure we leave no stone uncovered, we are well underway with our physical testing and development programme, all designed at pushing Range Rover Electric to the extremes to ensure its capability remains unparalleled when it reaches you."

ENDS

Notes to Editors

About Range Rover

Every Range Rover leads by example with modernist design, connected, refined interiors and electrified performance driving unrivalled luxury. Inspired by exemplary design since 1970.

The brand encompasses Range Rover, Range Rover Sport, Range Rover Velar and Range Rover Evoque and is underpinned by Land Rover – a mark of trust built on 75 years of expertise in technology, vehicle architecture and world-leading off-road capability.

Range Rover is one of the world's leading British luxury brands, sold in 121 countries. It belongs to the JLR house of brands together with Defender, Discovery and Jaguar.

Important notice

JLR is constantly seeking ways to improve the specification, design and production of its vehicles, parts and accessories and alterations take place continually. Whilst every effort is made to produce up-to-date literature, this document should not be regarded as an infallible guide to current specifications or availability, nor does it constitute an offer for the sale of any particular vehicle, part or accessory. All figures are manufacturer's estimates.

Further Information

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