

Land Rover Launches Its First Hybrid Range Rover

Models

- World's first premium diesel SUV hybrids introduced by Land Rover
- Hybrid powertrain for Range Rover and Range Rover Sport models
- 26 per cent lower CO₂ emissions (169g/km) and 44.1mpg (combined)
- Outstanding performance with 340PS and class-leading 700Nm torque
- Uncompromised cabin comfort and load space, with enhanced refinement
- Hybrid capability to be demonstrated on 16,000km Silk Trail expedition to India
- Order books open from September 10, with first deliveries in early 2014

Whitley, UK, August 21 2013 – Land Rover is launching its first-ever hybrid models – the Range Rover Hybrid and Range Rover Sport Hybrid – which will deliver outstanding fuel economy, significantly lower CO₂ emissions and retain Land Rover's renowned capability and performance. Order books in the UK will open from September 10 with first deliveries in early 2014, the two all-aluminium models are based on Land Rover's Premium Lightweight Architecture and share an identical powertrain. They are the world's first premium diesel SUV hybrids.

“We are excited to introduce the Range Rover and Range Rover Sport Hybrids, the world's first hybrid SUVs with legendary Land Rover capability. The addition of a smooth electric drive enhances

refinement, cuts CO₂ emissions and delivers staggering performance on a par with our SDV8 engine,” said John Edwards, Land Rover Global Brand Director.

To demonstrate the capabilities of the new hybrids, three Range Rover Hybrids will embark tomorrow (Thursday, August 22) on an epic trip, from the home of the Range Rover brand in Solihull to the home of the parent company Tata, in Mumbai, India.

This ‘Silk Trail 2013’ 16,000km expedition visits 12 countries and takes in some of the world’s most challenging roads, passes and trails, including part of the ancient, 4,000 mile Silk Road connecting Asia with the Mediterranean. These are the first hybrids to ever attempt this challenging route.

The new Range Rover Hybrid powertrain features three driver-selectable modes and combines Land Rover’s popular 3-litre SDV6 diesel engine with a 35kW electric motor integrated with the 8-speed ZF automatic transmission. The hybrid system, including lithium ion battery pack, inverter and electric motor weighs less than 120kg.

The electric motor produces 170Nm torque to boost acceleration and drives the vehicle in EV Mode. The motor also acts as a generator, harvesting kinetic energy through regenerative braking, charging the battery when the vehicle is slowing. In driver-selectable EV mode the Range Rover Hybrid can travel at speeds of up to 30mph (48km/h) for a range of up to one mile (1.6km) before the diesel engine seamlessly restarts.

Together, output of the diesel engine and electric motor is 340PS at 4,000rpm and a class-leading 700Nm torque between 1,500-3,000rpm, resulting in stunning SDV8-style performance.

Both models accelerate to 62mph (100km/h) in under seven seconds, deliver strong transient and mid-range performance with a top speed of 135mph (218km/h), combined with a 26 per cent reduction in CO₂ emissions to 169g/km, equivalent to 44.1mpg on the combined cycle.

The latest generation Range Rover models have all been designed with the integration of a hybrid system in mind. Consequently, the liquid cooled battery pack is mounted beneath the floor of the vehicle in a protective boron-steel cradle without impacting on the cabin or luggage space. The Range Rover Hybrid has the same five-seat capacity and luggage space as the standard vehicle and retains the full-size spare wheel. This no-compromise philosophy is echoed in the Range Rover Sport Hybrid whose interior is unchanged from the standard model, right down to the 5+2 seating.

Both hybrid Range Rover models continue to deliver a class-leading breadth of capability and versatility, enhanced by the exceptionally linear torque delivery from the powertrain and retaining Land Rover's peerless four-wheel drive system including Terrain Response[®] 2, with uncompromised wading and ground clearance.

The 'Silk Trail 2013' expedition featuring the new Range Rover Hybrids is scheduled to visit France, Belgium, Germany, Poland, Ukraine, Russia, Uzbekistan, Kyrgyzstan, China and India. The expedition will be broken into 10 separate legs, with the Range Rover Hybrid vehicles driven by teams of Land Rover development engineers and invited media – arriving in Mumbai on October 15.

Technical Specifications

| | Range Rover Hybrid | Range Rover Sport Hybrid |
|---|---------------------------|---------------------------------|
| Engine type | 3.0 SDV6 HEV | 3.0 SDV6 HEV |
| Power PS/rpm | 340PS@4000 | 340PS@4000 |
| Torque Nm/rpm | 700@1500-3000 | 700@1500-3000 |
| 0-62mph / 0-100km/h secs | 6.9 | 6.7 |
| Top speed mph (km/h) | 135 (218) | 140 (225) |
| CO₂ Combined g/km | 169 | 169 |
| Combined consumption mpg (L/100km) | 44.1 (6.4) | 44.1 (6.4) |
| Weight From... kg | 2394 | 2372 |