**MEDIA INFORMATION**

**RANGE ROVER SPORT SVR: GRIPPING ACCELERATION**

* All-Terrain acceleration test proves Land Rover’s capability and pace in all conditions
* Range Rover Sport SVR verifies its super-SUV credentials setting 0-100km/h times on variety of low friction surfaces
* Innovative Land Rover Terrain Response 2 technology maximises acceleration even on grass, gravel, snow or sand
* Every sprint completed on standard Michelin 275/45 R21 All Season Tyres

****

**Whitley, UK, Monday 23 January 2017:** Come rain or shine, grass or gravel, snow or sand, the Range Rover Sport SVR delivers devastating pace.

Merging legendary all-terrain capability with 550PS V8 power and advanced traction technology provides Land Rover’s fastest vehicle with unique real world performance.

Since going on sale in Spring 2015, the Range Rover Sport SVR has showcased the abilities of Jaguar Land Rover Special Vehicle Operations. This model has contributed to more than 285,000 second-generation Range Rover Sports being delivered to customers around the world since its launch in 2014. Many will have been attracted by the 0-100km/h time of only 4.7 seconds, but the official figure only scratches the surface of the Range Rover Sport’s capability…

When the perfect traction offered by clean, dry asphalt isn’t available, most sports cars immediately suffer from a lack of grip, stability and performance. But no sports car has the benefit of Land Rover’s legendary all-terrain know-how.

In this unique test the SVR completes the 0-100km/h sprint on standard fit Michelin 275/45 R21 All Season Tyres on everything from asphalt and grass to snow and sand, using Land Rover’s innovative Terrain Response 2 technology.

The intelligent system automatically selects the appropriate driving mode to suit traction conditions including: General Driving, Dynamic, Grass/Gravel/Snow, Mud and Ruts, Sand and Rock Crawl. The driver can also use a simple rotary controller on the centre console to choose a specific mode.

The times recorded are a testament to the Range Rover Sport’s inherent capability. On a notoriously slippery wet grass surface, the 0-100km/h time increased by only 0.8 seconds, while even on Sand the benchmark sprint took only 5.5 seconds.

|  |  |  |
| --- | --- | --- |
| **Terrain** | **Mode** | **0-100km/h time** |
| Asphalt | Dynamic | 4.7 seconds |
| Grass | Grass, Gravel and Snow | 5.5 seconds |
| Gravel | Grass, Gravel and Snow | 5.3 seconds |
| Snow | Grass, Gravel and Snow | 11.3 seconds |
| Mud | Mud and Ruts | 6.5 seconds |
| Sand | Sand | 5.5 seconds |

**The ultimate all-terrain performance test in detail**

The Range Rover Sport SVR’s first challenge was the start-finish straight at Europe’s fastest racing circuit, Rockingham Motor Speedway in Corby, UK. In Dynamic mode, Terrain Response 2 sharpens throttle response and changes gear at higher revs. It also stiffens the Continual Variable Damping function within the vehicle’s Anti-Roll Control technology to reduce body roll. With all of these factors optimised, the Range Rover Sport SVR blasted from 0-100km/h in 4.7 seconds.

In the second test, the high-performance SUV tackled one of the most challenging surfaces any driver will encounter: wet grass. In Grass/Gravel/Snow mode the throttle response is softened to prevent loss of traction and gear changes are smoother and quicker. The Traction Control System also intervenes earlier to prevent tyre slip, while the central differential is preloaded to optimise off-the-line performance. Land Rover Experience East of England provided the perfect setting for this challenge and the Range Rover Sport SVR recorded a breath-taking 0-100km/h time of 5.5 seconds.

A quarry provided the ideal gravel surface, where the Range Rover Sport SVR’s inherent traction came to the fore. With the vehicle systems optimised to suit the loose surface, it registered 5.3 seconds.

To find snow the Range Rover Sport SVR headed to Jaguar Land Rover’s winter test facility in Arjeplog, Northern Sweden. Here, the optimised settings and all-wheel drive system helped the SVR complete the sprint on a combination of snow and ice in 11.3 seconds.

The next switch of the Terrain Response 2 dial was to select Mud and Ruts mode. In this setting the air suspension is raised and the Traction Control System allows controlled tyre slip to provide better traction in slippery conditions. In typically British surroundings at one of Land Rover’s all-terrain testing facilities, the performance SUV logged a 0-100km/h time of 6.5 seconds as its intelligent four-wheel-drive technology came into its own.

Pendine Sands at Carmarthen Bay in South Wales has been linked with speed ever since hosting the first world land speed record run took place there in 1924. That made it perfect to test the next setting on the Terrain Response 2 dial: Sand.

Selecting Sand mode sharpens the vehicle’s accelerator responses to allow a quick build-up of engine torque. The vehicle also holds onto gears for longer and locks the central differential to help maintain momentum. The result of this technological wizardry was a 0-100km/h time of 5.5 seconds.

The final mode on the Terrain Response 2 dial called for something different. Rock Crawl is designed to assist drivers when negotiating rocky environments and works in conjunction with the Low Range transmission, in keeping with the low-speed nature of the challenge posed by large rocks and boulders.

Rock Crawl mode softens the accelerator response to mitigate against sudden movements and provide maximum driver control. It also raises the air suspension, to optimise ground clearance. Using Terrain Response 2 the Range Rover Sport SVR scaled the rocky 32 per cent incline at the test facility with ease.

Driver Darren Jones, Stability Applications Leader, Jaguar Land Rover, said: “The Range Rover Sport SVR is famed for its on-road performance but this hasn’t been achieved at the expense of customary Land Rover capability. Our Terrain Response 2 technology takes the stress out of driving in all conditions.”

ENDS

**Editors’ Notes:**

Since 1948 Land Rover has been manufacturing authentic 4x4s that represent true ‘breadth of capability’ across the model range. Defender, New Discovery, Discovery Sport, Range Rover Sport, Range Rover and Range Rover Evoque each define the world's SUV sectors, with 80 per cent of this model range exported to over 170 countries.

Jaguar Land Rover Special Vehicle Operations has the responsibility within Special Operations to create a range of high performance production models for both Jaguar and Land Rover, low-volume, high-value limited edition models for both brands, and vehicle personalisation products.

Venue 1: Rockingham Race Circuit – Dynamic – 4.7 seconds

Venue 2: Land Rover Experience Centre, East of England – Grass – 5.5 seconds

Venue 3: Quarry, South Wales – Gravel – 5.3 seconds

Venue 4: Winter Testing Facility, Arjeplog, Sweden – Snow – 11.3 seconds

Venue 5: All-Terrain Testing Facility, South Wales – Mud – 6.5 seconds

Venue 6: Pendine Sands – Sand – 5.5 seconds