

NEW RANGE ROVER SPORT SV: MODERN LUXURY PERFORMANCE FLAGSHIP



New Range Rover Sport SV EDITION ONE

- **Performance flagship:** New Range Rover Sport SV combines sporting luxury with innovative performance-enhancing technologies
- **Perfect poise:** **WORLD FIRST** Hydraulic interlinked 6D Dynamics air suspension with pitch and roll control maintains a near-level stance during extreme acceleration, braking and cornering
- **Top performer:** The most powerful Range Rover ever, 635PS mild-hybrid Twin Turbo V8 propels 180mph SUV from 0-60mph in as little as 3.6 seconds¹ in new dynamics-optimised SV Mode
- **Lightweight focus:** **WORLD FIRST** 23-inch Carbon Fibre Wheel option contributes to 76kg total weight saving¹, minimising un-sprung mass, improving handling, acceleration and ride quality
- **Stopping power:** **RANGE ROVER FIRST** Lightweight and powerful Brembo Carbon Ceramic Brakes option, with exclusive eight-piston SV calipers for outstanding braking performance
- **Assertive design:** Airflow-honed exterior includes reprofiled front-end and lower body sides, carbon fibre bonnet and quad tailpipe finishers. Exclusive performance-focused SV interior
- **Calming comfort:** **RANGE ROVER FIRST** New Body and Soul Seat introduces the latest in-car sensory audio technology, enabling Range Rover clients to feel the sound and experience wellness benefits
- **Height of exclusivity:** For the first year of production New Range Rover Sport SV is only available for select clients to order by invitation, in limited edition SV EDITION ONE specification
- **New for 2024:** SV performance halo leads updates across the Range Rover Sport family, including new 550PS plug-in electric hybrid and the latest Pivi Pro⁴ infotainment
- **Stay informed:** Visit www.rangerover.com for more information on the Range Rover Sport line-up, including SV EDITION ONE and to register for updates on future SV model availability

Gaydon, UK – Wednesday 31 May 2023: New Range Rover Sport SV is the most powerful and dynamic Range Rover Sport ever, blending supreme performance and dynamism with peerless Range Rover capability, refinement and reductive design. Its array of performance-enhancing technologies includes the most advanced suspension system in its class⁷ and a sensory audio system with wellness benefits.



The modern luxury performance champion takes its place at the pinnacle of a refreshed Range Rover Sport line-up, driving sporting attitude, dynamic ability and assertive presence to the next level.

Inherent to the high-performance credentials of New Range Rover Sport SV, an exclusive airflow-enhanced design delivers a more assertive and grounded aesthetic, with functional lightweight and technical material choices throughout reinforcing its high-performance capabilities.

Powered exclusively by a new 635PS, 750Nm² 4.4-litre Twin-Turbo MHEV V8 petrol engine – 60PS and 50Nm more than the previous generation Range Rover Sport SVR's Supercharged 5.0-litre V8 – New Range Rover Sport SV is capable of accelerating from 0-60mph in as little as 3.6 seconds¹ and a top speed of 180mph. CO₂ emissions are also 15 per cent lower than the previous model's 575PS V8.

This outstanding performance is enabled by a combination of features that deliver a weight saving of up to 76kg¹, including the world's first 23-inch Carbon Fibre Wheel option on a production car, Carbon Ceramic Brakes (option available for the first time on a Range Rover), and standard-fit aerodynamic enhancements including a carbon fibre bonnet.

Exemplifying Range Rover's modern luxury philosophy, New Range Rover Sport SV is initially being reserved for select clients globally, with the invitation-only SV EDITION ONE specification representing a curation of the best feature combinations, colours and finishes. Each Range Rover Sport SV EDITION ONE is enhanced with exclusive branding on the front splitter, centre console, treadplates and puddle lamps. Every Range Rover Sport SV EDITION ONE is already allocated to a Range Rover client.

Geraldine Ingham, Managing Director, Range Rover, said: *"New Range Rover Sport SV exemplifies Range Rover's philosophy, not just as a bold evolution beyond its Range Rover Sport SVR predecessor, but also in the personalised approach we are taking with our most discerning clients."*

REVOLUTIONARY DYNAMICS

New Range Rover Sport SV's 6D Dynamics suspension system is the most sophisticated in its class⁷, debuting a world-first combination of hydraulic interlinked dampers, height-adjustable air springs and pitch control. This revolutionary semi-active system, which removes the need for conventional anti-roll bars, dramatically reduces pitch and roll to maintain a near-level body stance during extreme cornering and acceleration, while also reducing weight, increasing grip, and benefiting comfort and refinement.



Riding between 10mm and 25mm lower than other Range Rover Sport models, depending on the drive mode selected, New Range Rover Sport SV's 6D Dynamics suspension works seamlessly with the suite of advanced chassis and suspension systems. Unique SV-tuned settings are applied to the Intelligent All-Wheel Drive, All-Wheel Steering, Torque Vectoring by Braking, Configurable Dynamics and Active Locking Rear Differential to deliver a more focused, sports car-like driving experience – especially in the all-new driver-selectable SV Mode.

Nick Collins, Executive Director, Vehicle Programmes, JLR, said: *“New Range Rover Sport SV delivers an optimum blend of supreme performance, unrivalled desirability, capability and refinement. It's a visceral addition to the Range Rover Sport line-up that powerfully demonstrates the world-class expertise of our high-performance specialists.”*

New Range Rover Sport SV also features specially developed chassis components including a new rear subframe and new suspension links with revised geometry and compliance. A new electronically power-assisted steering rack has the fastest ratio of any Range Rover to date, for enhanced agility and feel.

For the first time on a Range Rover, 305-section rear tyres are fitted, which are 20mm wider than the 285-section front tyres. This arrangement, with standard-fit Michelin Pilot Sport All Season 4 tyres, enables a rear-biased dynamic setup enhancing grip, stability and traction. Increased rear roll stiffness also helps deliver immediate steering responses.

Demonstrating the combined benefits of these technologies, New Range Rover Sport SV is capable of generating lateral acceleration in excess of 1.1G on all-season tyres. That represents a 22 per cent increase on the previous generation Range Rover Sport SVR on summer tyres and is comparable to track-focused sports cars.

Enhancing its on-road dynamic capability, every New Range Rover Sport SV benefits from a specially developed high-performance braking system, with clients able to choose between standard mixed-metal Dual-Cast and optional Carbon Ceramic braking technologies.

Carbon Ceramic Brakes (CCB), available for the first time on a Range Rover, deliver ultimate braking performance with improved resistance to high temperatures, a longer lifespan and 34kg total un-sprung weight reduction versus the uprated Dual-Cast iron brake discs fitted as standard to New Range Rover



Sport SV. This reduction in mass at each corner of the car results in even more responsive handling, faster acceleration and improved ride quality.

Whichever braking technology is specified, the unique eight-piston Brembo Octyima front calipers are the largest ever fitted to a Range Rover. Developed exclusively for New Range Rover Sport SV and sculpted to complement Range Rover Sport SV's reductive design, the calipers incorporate a unique cross-shape piston arrangement to maximise braking efficiency. Exclusive customisable caliper colours include Yellow, Red, Carbon Bronze and Black.

To further reduce mass, New Range Rover Sport SV clients can choose the first ultra-lightweight 23-inch Carbon Fibre Wheels fitted to a production vehicle. Available as an option, these innovative split five-spoke wheels save almost 9kg per corner – a total of 35.6kg – compared with conventional 23-inch cast-alloy wheels, resulting in improvements to outright performance, handling and ride quality. While incredibly light, they are engineered and tested to the toughest durability and robustness standards – the same as Range Rover's cast or forged alloy wheels.

Maximising the benefit of New Range Rover Sport SV's uprated dynamic hardware, drivers can intensify the car's sporting attitude by pressing the new SV Mode button on the steering wheel. A step beyond Range Rover Sport's existing Dynamic mode, SV Mode optimises the steering, eight-speed automatic gearbox, throttle response, exhaust note and 6D Dynamics suspension system – including lowering the ride height by an additional 15mm – to deliver the most dynamic and visceral experience possible. SV Mode also allows the track-oriented TracDSC stability control programme to be activated, for drivers to more freely explore New Range Rover Sport SV's dynamic balance.

ASSERTIVE DESIGN

New Range Rover Sport SV's high-performance-honed exterior design includes an exclusive airflow-enhanced front-end, reprofiled lower body sides and functional carbon fibre-tipped quad tailpipes for the active exhaust system as focal points of the rear aspect. Carbon fibre detailing on the Range Rover script, front bumper blades, grille surround, bonnet vents and side vents can be supplemented with an exposed finish for the centre section of the carbon fibre bonnet³.

Prof. Gerry McGovern OBE, Chief Creative Officer, JLR, said: *"New Range Rover Sport SV's clean and reductive design amplifies its dramatic proportions and sporting personality."*



Inside the cockpit-like cabin, exclusive satin carbon fibre-backed SV Performance Seats feature integrated headrests, more sculpted bolsters and illuminated SV logos on their backrests. A new Ultrafabrics™ PU interior is available, with lightweight, seamless, '3D Knit to form' textile. World-first translucent edge-lit gear shift paddles nestle behind a steering wheel with more pronounced thumb grips, while black ceramic for the console gear shifter gives a cool-to-touch feel.

SENSORY IMMERSION

Raising that sense of connection even higher, New Range Rover Sport SV introduces Body and Soul Seat (BASS), a multi-dimensional audio experience with wellness benefits which allows front seat occupants to feel the sound. This is the first production vehicle to incorporate a tactile audio system from industry leader SUBPAC™ – technology used by the world's top recording artists and composers.

Incorporating SUBPAC™ AI optimising software, and transducers aligned to front seat occupants' backs, Body and Soul Seat analyses media in real-time, generating high fidelity audio vibrations to create the most engaging and immersive in-car audio. This system works in combination with the 29-speaker, 1430W, Meridian Signature Sound System

Beyond immersion in music, the Body and Soul Seat Wellness programmes can help enhance New Range Rover Sport SV's front-seat occupants' mental and physiological wellbeing by influencing heart rate variability (HRV) – the variation in time between each heartbeat. High HRV is indicative of lower stress levels and relaxation.

Designed in collaboration with Coventry University's National Transport Design Centre and the School of Media and Performing Arts, six specially developed tracks – Poise, Soothe, Serene, Cool, Tonic and Glow – could affect passengers' HRV, either helping to reduce anxiety or improve cognitive response, studies have shown.

SV INTRODUCTION LEADS ENHANCEMENTS TO RANGE ROVER SPORT LINE-UP

In addition to the introduction of New Range Rover Sport SV, the line-up has received a suite of updates, including a new plug-in electric hybrid with extended EV range, and the integration of the latest generation Pivi Pro⁴ infotainment technology.



Performance and efficiency are enhanced with an updated plug-in electric hybrid powertrain, with the new P550e – replacing the P510e – offering EV range of up to 121km (75 miles) for swifter and more relaxed journeys⁵, as well as CO₂ emissions from 15g/km⁵.

The new P550e electric hybrid with its new transmission set-up joins the Range Rover Sport's extensive powertrain line-up. When combined with the 3.0-litre six-cylinder Ingenium petrol engine, the electric hybrid produces 550PS and 800Nm of torque.

The enhanced electric motor and transmission make the electric hybrid more responsive than ever, reducing the time it takes to reach 100km/h by 5.0 seconds under pure electric power. Utilising both power sources, the P550e can accelerate from 0-100km/h in 4.9 seconds (0-60mph in 4.7 seconds), compared to 5.4 seconds previously (5.2 seconds 0-60mph).

Additionally, the P530 V8 powertrain now uses Mild Hybrid Electric Vehicle (MHEV) technology for the first time. The MHEV system delivers increased efficiency by harvesting energy captured when decelerating and braking, and improved responses as the stored energy is redeployed under acceleration. When combined with other benefits of the system, including smoother operation of the start/stop functionality, these attributes deliver an improvement in CO₂ emissions.

Range Rover Sport's beautifully crafted and reductive interior has also been enriched with intuitive new technologies. Combining effortless connectivity and the latest touchscreen, the Pivi Pro⁴ infotainment provides intuitive control of all vehicle functions through the elegant 13.1-inch floating glass display.

New sidebars with easy-to-use sliders for the volume and climate control provide immediate and precise operation for key functions directly, whatever menu screen is displayed, and approximately 80 per cent of tasks can be performed within two taps of the home screen. Haptic feedback provides an added level of tactility and communication with the user.

Integrated Amazon Alexa voice AI⁶ and Land Rover voice control systems help drivers to keep their eyes on the road while making changes to the cabin environment. Advanced Software Over The Air capability keeps Range Rover Sport up to date with the latest software.

New Country Road Assist technology features for the first time on Range Rover Sport to enhance passenger comfort when using Adaptive Cruise Control. The intelligent system uses navigation data to



automatically adjust the target speed, taking into account bends in the road and changes to the speed limit, effortlessly accelerating or decelerating the vehicle accordingly.

The enhanced Range Rover Sport line-up is available now priced from £83,620 (OTR) in the UK.

Configure yours here – <https://www.rangerover.com>

ENDS

¹When fitted with all lightweight options, compared with Range Rover Sport P530 in nearest equivalent specification.

²800Nm combined engine/MHEV output when using Dynamic Launch Mode. 750Nm certified.

³Gloss painted cars only.

⁴Pivi Pro features, options and their availability remain market dependent - check with your Retailer for local market availability and full terms. Certain features require an appropriate sim with a suitable data contract which will require further subscription after the initial term advised by your Retailer. Mobile connectivity cannot be guaranteed in all locations.

⁵The figures provided are as a result of official manufacturer's tests in accordance with EU WLTP legislation derivatives with a fully charged battery. For comparison purposes only. Real world figures may differ. CO₂, fuel economy, energy consumption and range figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment, accessories fitted, actual route and battery condition. Figures shown are for European EU6 markets. Other market fuel economy and range certification and figures published at www.landrover.com. All emissions, fuel economy and EV-only range figures are EU WLTP (TEL) Combined.

⁶Alexa Voice AI is only available in certain markets. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Certain Alexa functionality is dependent on smart home technology. Use of Amazon Alexa requires an Amazon account.

⁷Measured against a closed class of competitors, as of 31 May 2023.

Further Information

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Notes to Editors

About Land Rover

Since 1948 Land Rover has been manufacturing authentic 4x4s that represent true 'breadth of capability' across the model range. Defender, Discovery, Discovery Sport, Range Rover, Range Rover Sport, Range Rover Velar and Range Rover Evoque each define the world's SUV sectors, with 80 per cent of this model range exported to over 100 countries.

Important notice

Jaguar Land Rover 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.

