

12MY RANGE ROVER SPORT PRODUCT BRIEF

UK Product Brief – Version 1 – Confidential

This product brief is confidential and issued to support the UK launch of
12MY Range Rover Sport
UNDER EMBARGO UNTIL 6 JULY 2011

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1.0 Programme Overview

The Range Rover Sport reaffirms its status as the most exciting and dynamic member of the Land Rover range with a comprehensive package of engineering and design changes for 12MY.

Subtle changes to Range Rover Sport's appearance signal transformation under the skin. Changes include an updated and renamed SDV6 3.0 diesel delivering 255hp and the introduction of an 8-speed automatic transmission for SDV6 derivatives only, which is operated by the Drive Select rotary shift system. PaddleShift now features as standard across the range.

The rear tailgate has been redesigned to a single-piece design which allows for power operation, either from the fascia, the tailgate itself or the updated smart key.

Other introductions include the latest Gen 2.1 in car entertainment system with increased performance, functionality and the introduction of a dual view screen option.

And there are two new alloy wheels introduced for the Supercharged and the SDV6 and Supercharged Autobiography Sport derivatives, outstanding designs which will help support the premium position of these derivatives.

12MY underlines Range Rover Sport's position of the definitive luxury sports tourer, defined by exceptional on-road dynamics, class leading comfort and outstanding breadth of capability.

2.0 Programme Timing and Key Dates

Embargo Date	6 July
First Order Call	Week commencing 23 May
Start of Production	22 August
Web Update	5 August
Start of Sales	October

3.0 Product Overview

3.1 Powertrain

3.1.1 Diesel Engine

Range Rover Sport 12MY aims to improve the fuel economy and reduce the CO₂ emissions of the 3.0 diesel derivatives.

The renamed SDV6 3.0 engine benefits from a power output increase from 245hp to 255hp. The extra power improves the 0-60mph acceleration time by 0.3mph/second*.

The CO₂ figure for the SDV6 255hp engine with the 8-speed transmission is reduced from 244g/km to 230g/km*. Fuel economy is also improved.

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3.0 Diesel Comparisons. 5.0 V8 Petrol is unchanged		Diesel		Petrol	
		3.0 TDV6 EU5 6-sp Auto 180kw		3.0 TDV6 EU5 8-sp Auto 188kw	5.0 S/C EU5 6-sp Auto 375kw
Performance	0-60mph	Hi 8.8		8.5	5.9
	0-100kph	Hi 9.3		9	6.2
	Vmax (mph)	120		124	140
	Vmax (kph)	193		200	225
Economy	mpg	30.7		30.7	19.9
	l/100km	9.2		9.2	14.9
	CO2	243		243	348
Power	kW	180		180	375
	@ rpm	4000		4000	6000 - 6500
Torque	Nm	600		600	625
	@ rpm	2000		2000	2500 - 5500

Performance, economy, power and torque data for SDV6 and Supercharged engines. 11MY 180kW engine data is shown for comparison purposes. Please note that the above table shows manufacturer's estimated data – figures will be updated as soon as final confirmed data is available.

3.1.2 8-Speed Transmission with Drive Select

To support the introduction of the new 8-speed automatic transmission, all SDV6 derivatives will now feature the Drive Select rotary shift system, a new Terrain Response® selector and steering wheel mounted PaddleShift.



SDV6 Centre Console with Drive Select and new Terrain Response® Switch

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3.2 Exterior Changes

3.2.1 Power tailgate

The introduction of the Power Tailgate has led to a design change for the tailgate area, leading to:

- Repositioned graphics / new rear end badging strategy (details in the 12MY Pricing and Order Guide)
- A new tailgate finisher in Dark Atlas for SDV6 SE, Atlas for all other derivatives.



12MY Rear ¾ View

3.2.2 Power Tailgate – Operational Detail

In response to customer feedback, a Power Tailgate is to be introduced for Range Rover Sport from 12MY. The tailgate design changes to a single-piece design from the current "split design" to allow for the power functionality.

Power Tailgate will feature as standard for all derivatives. Operation is as follows:

Opening: either via a button on the fascia, via the smart key or via a button on the tailgate

Closing: either through the tailgate button or smart key.

Lift Height Adjustment: The tailgate height can be adjusted by the user manually overriding the lift and holding the tailgate at the desired height

- Pressing the tailgate button for 10 seconds will memorise the height and angle of lift
- On the next power tailgate operation, tailgate will only raise as high as the height set
- Height can be manually overridden i.e. where second driver is taller and wants tailgate higher. However, the vehicle will memorise the previously set height until the height adjustment process is repeated.

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3.2.3 Changes to Front Finishes for SDV6 SE

Finishes on the front of the SDV6 SE are changed to give an updated look for 12MY, details as follows:

- Dark atlas grille
- Gloss black grille surround
- Gloss black lamp inners
- Dark colour atlas tow-eye cover
- Body door handles
- Gloss black fender vent surround
- Dark atlas fender vent mesh
- Noble plated fender vent fingers
- Atlas bonnet badges



New Front Finishes – SDV6 SE

3.2.4 Changes to Front Finishes – for SDV6 HSE and Supercharged

Finishes on the front of the SDV6 HSE and Supercharged are changed to give an updated look for 12MY, details as follows:

- Atlas grille
- Gloss black grille surround
- Gloss black lamp inners
- Atlas tow-eye cover (S/C only)
- Body colour door handles
- Gloss black fender vent surround
- Atlas fender vent mesh
- Noble plated fender vent fingers
- Atlas bonnet badges

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New Front Finishes – HSE, Supercharged

3.2.5 Changes to Front Finishes – SDV6 and Supercharged Autobiography Sport

Finishes on the front of the Autobiography Sport derivatives are changed to give an updated look for 12MY, details as follows:

- Atlas grille
- Noble plate frame
- Gloss black grille surround
- Gloss black lamp inners
- Atlas tow-eye cover
- Body colour door handles
- Gloss black fender vent surround
- Atlas fender vent mesh
- Noble plated fender vent bar
- Atlas bonnet badges



New Front Finishes - Autobiography

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3.2.6 Changes to Front Finishes – Exterior Design Pack Option

Finishes for the front of the exterior design pack option are changed to give an updated look for 12MY, details as follows:

- Gloss black grille
- Noble plate frame
- Gloss black grille surround
- Gloss black lamp inners
- Atlas tow-eye cover
- Body colour door handles
- Gloss black fender vent surround
- Gloss black fender vent mesh
- Noble plated fender vent bar
- Atlas bonnet badges



Exterior Design Pack Option

3.2.7 Wheels

A new 9-Spoke 20" Style 9 wheel is introduced for the Supercharged derivative. The wheel is painted in Sparkle Silver and finished in a high gloss lacquer.



New 20" 9-Spoke for Supercharged
Note: Range Rover centre cap not shown

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A new Polished 20" 9-split spoke Style 10 wheel is introduced as standard fitment to both Autobiography Sport derivatives.



New 20" Polished 9 Split-Spoke
Autobiography Sport Wheel

For all derivatives, the wheel centre caps change to a design featuring the Range Rover logo.



3.3 Interior Changes

3.3.1 SDV6 Gearshift and Terrain Response

The gearshift and Terrain Response switch module changes for SDV6 vehicles from 12MY to allow for the addition of 8-speed automatic transmission and the Drive Select rotary shift system.

The change details are as follows:

- Noble plated Terrain Response control/gearshift control bezel and Electronic Park Brake recess
- Noble plated Electronic Park Brake handle
- Meteor painted console top moulding
- Gloss black cup-holder roller-shutter with noble plated handles
- The gearshift and Terrain Response switch module for Supercharged vehicles remains as per the 11MY condition.

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Gearshift and Terrain Response Switch Module

3.3.2 New Steering Wheel Stalks

The picture below shows the changes made to the design of the column stalks to improve the legibility of the symbols which brings Range Rover Sport in-line with those planned for other Range Rover models.



New and improved column stalks featuring bright bezel detail

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3.3.3 New Option: Ebony Morzine Upper Headlining

A new option of Ebony Morzine headlining is introduced from 12MY.

Available on all derivatives and most colourways (please refer to colour and trim section in 12MY Pricing and Order Guide for details).

Ivory Morzine continues to be the standard condition.

3.3.4 New Compact Smart Key

At 12MY, a smaller and more premium design compact Smart Key will be introduced featuring the Range Rover logo on the reverse side and a bright trim edge design. The key has a smooth pebble like feel and will provide full functionality with lock, unlock, tailgate release, hazards and lights on operation.



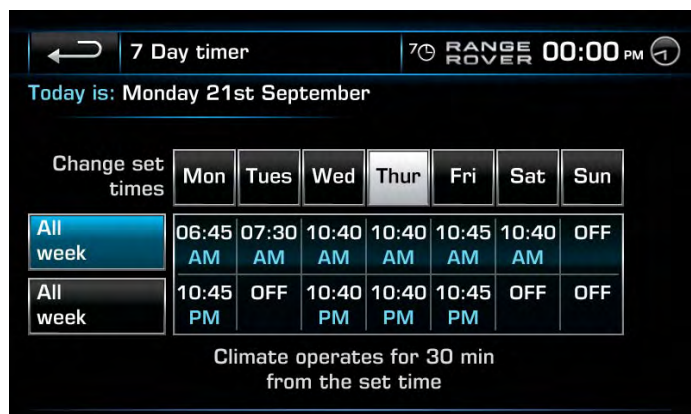
Smaller Compact Smart Key

3.3.5 Timed Climate with optional Remote

The Timed Climate feature (previously known as Park Heating) has been improved to include a seven-day timer operated via the vehicle's touch-screen display. The seven-day timer allows for the personalisation of the vehicle climate settings.

From 12MY, the Timed Climate feature is available for all SDV6 derivatives both with and without remote control.

Timed Climate with Remote Control continues to feature as standard for SDV6 Autobiography Sport.



The screenshot shows the '7 Day timer' interface. At the top, it displays '7 Day timer' and 'RANGE ROVER 00:00 PM'. Below this, it says 'Today is: Monday 21st September'. The main part of the screen is a table for setting climate times for each day of the week. The table has columns for 'Change set times', 'Mon', 'Tues', 'Wed', 'Thur', 'Fri', 'Sat', and 'Sun'. There are two rows for 'All week' settings. The first row shows times from 06:45 AM to 10:40 AM, with 'Sun' set to 'OFF'. The second row shows times from 10:45 PM to 10:45 PM, with 'Sun' set to 'OFF'. At the bottom, it states 'Climate operates for 30 min from the set time'.

Change set times	Mon	Tues	Wed	Thur	Fri	Sat	Sun
All week	06:45 AM	07:30 AM	10:40 AM	10:40 AM	10:45 AM	10:40 AM	OFF
All week	10:45 PM	OFF	10:40 PM	10:40 PM	10:45 PM	OFF	OFF

Climate operates for 30 min from the set time

7 Day Timer functionality for Timed Climate

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3.4 Audio Systems and Infotainment

Significant advancements have been made to the audio systems and In Car Entertainment (ICE) technologies from 12MY. These improvements have been enabled through the introduction of new Gen 2.1 MOST electrical architecture. From 12MY the audio systems have been revised as follows:

- The harman kardon® audio system benefits from a power increase from 240W to 380W and two additional speakers to make a total of 11 speakers. The harman kardon® system is fitted as standard to SDV6 SE, SDV6 HSE and Supercharged derivatives.
- The harman kardon® Logic 7 Surround Sound system has been improved to feature 17 speakers and an astonishing 825W of power (compared to 480W and 14 speakers for the 11MY system). This system is fitted as standard to Autobiography Sport derivatives and is optional for SDV6 SE, SDV6 HSE and Supercharged.

Both feature a single slot CD player with MP3 capability and allow for full control of the audio system features via the revised touchscreen. Additional features include:

- Compatibility with DVD Audio and MP3 DVD playback. DVD Audio discs provide higher resolution and performance over CD.
- Virtual CD Auto Changer function which allows for up to 10 CDs to be downloaded to the hard-disc drive in an uncompressed, lossless format. The hard-disc is equipped with Gracenotes so that CD's and tracks can be identified and stored.
- Portable Audio Connectivity allows streaming and control of audio files from iPod and USB. Apple iPod connectivity is achieved using the standard iPod USB lead which plugs directly into one of the two USB ports located beneath the centre console lid.



Standard for all derivatives

Portable Audio Connectivity Connections

All derivatives feature Bluetooth audio streaming which allows music to be played through the audio system via the Bluetooth connection.

3.4.1 Navigation System

A number of feature improvements and benefits have been added to the HDD Navigation System. The information display has been improved with the introduction of a contemporary design of information screens while the 'Home' page now provides clear information in a modern and aesthetically pleasing layout.

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Revised Touchscreen display

The functionality and operation of the navigation system is the same as 11MY.

A new process has been developed for updating the hard-disc drive navigation map data via either a regional

DVD disc or USB device and can be performed at the dealership.

The navigation system continues to feature voice activation, TMC traffic messaging (market infrastructure dependent), 4x4 information and off-road navigation.

3.4.2 "Say What You See" Voice Activation

'Say-What-You-See' Voice Activation helps the driver learn voice commands by displaying them in the touchscreen.

The commands are displayed in "step-by-step" format, with the first step showing the different devices that can be controlled (e.g. phone, navigation, etc) and the second step showing the different voice commands for that device e.g. for phone: "call contact", "dial number", "dial voicemail".

Once a user is familiar with the system and has remembered some of the voice commands e.g. "phone" and then "dial voice tag" it will be possible to say these commands together as a shortcut, without waiting for the next step e.g. "phone dial voice tag".

Speech control of the following devices is supported:

- Phone (including dialling a name without needing to store a voice tag first).
- Navigation (including Destination Entry by Voice).
- USB/iPod - Basic control (On/Off, Mix On/Mix Off).
- CD/Virtual CD Changer.
- Radio.
- DAB
- Aux - Basic control (Select as audio source).
- Rear Entertainment - Basic control (Allows front user to turn it off, if fitted).
- Notepad.
- Voice Settings/Tutorial (learning how to use the system).

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Once the user has activated the speech system using the PTT (Push-to-Talk) button on the steering wheel they are presented, initially, with a main menu page, from which they can say their preferred selection. The graphical menu then updates to display the next set of appropriate commands. These menus continue to lead the user through an interaction flow until they have completed the task of their choice entirely through a speech interaction.



Say What You See Voice Activation



Examples of redesigned touchscreen graphics

3.4.3 Rear Seat Entertainment and WhiteFire™ Headphones

Following the same strategy as the current vehicle, Rear Seat Entertainment (RSE) is an available option for all derivatives.

A single slot DVD drive is situated in the audio head unit so the disc is conveniently loaded from within the cabin by driver or front passenger.

Screens are housed in re-shaped front seat headrests and screen size has been increased to 8 inches.

The audio is delivered by two pairs of wireless WhiteFire™ headphones. WhiteFire™ is a new standard for the delivery of uncompressed audio data to achieve the highest quality sound.

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The WhiteFire™ system can also deliver more than one audio channel simultaneously.

The system can be controlled by the touch-screen wireless remote control and allows for the display and connection of games consoles and video playback of MP4 files stored on a USB memory stick or other portable storage device is also possible.



WhiteFire™ emitter mounted in the roof headlining. Self coloured gloss black lens.

The RSE system is operated via a new touch-screen, wireless remote control, the docking station for which is housed in the rear armrest. The release latch is Noble plated while the lid to the remote housing is finished in the same material and colour as the armrest.



Rear Armrest Infotainment Remote control stowage

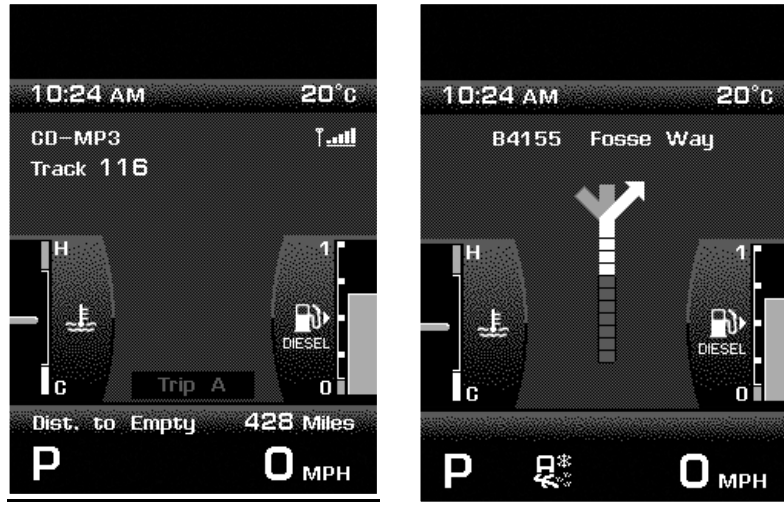


12MY - Front Head restraints with New DVD Bezel

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3.4.4 TFT Display - Audio and Navigation Information

From 12MY, the TFT display within the instrument panel will display audio system information, phone book information and navigation directional symbols.



Examples of screens and information displayed by the new IP TFT display

3.4.5 Bluetooth Telephone System

The functionality of the phone system remains the same as 11MY although the phonebook facility in the vehicle has significantly increased in capacity from 12MY. The actual capacity is variable and depends on the type of phone and how many characters and single or multiple entries that it holds. However, the scale of increase into the vehicle's phonebook capacity has grown from around 700 entries at 11MY to multiple thousands from 12MY.

3.4.6 Dual View Screen Option

12MY also introduces dual view screen technology to Range Rover Sport for the first time with the introduction of a Dual View Touch Screen option. The dual view option includes one set of WhiteFire® headphones.

3.5 Exterior Paint Colours

For information relating to paint availability, please refer to Bulletin number A1541 on dealer portal. The Range Rover Sport 12MY UK Pricing and Order Guide details the latest 12MY paint offering.

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4.0 Standard Feature Changes by Derivative

SDV6 SE	SDV6 HSE	SDV6 Autobiography	Supercharged	Supercharged Autobiography
Add 8 Speed Auto	Add 8 Speed Auto	Add 8 Speed Auto	Add	Add
Drive Select	Drive Select	Drive Select		
Paddle Shift	Paddle Shift			
255hp SDV6	255hp SDV6	255hp SDV6		
Power Tailgate	Power Tailgate	Power Tailgate	Power Tailgate	Power Tailgate
Gen 2.1 ICE	Gen 2.1 ICE	Gen 2.1 ICE	Gen 2.1 ICE	Gen 2.1 ICE
2x USB Connectivity	2x USB Connectivity	2x USB Connectivity	2x USB Connectivity	2x USB Connectivity
DAB Radio		20" Polished Autobiography Alloy Wheel	20" 9-Spoke Alloy Wheel	20" Polished Autobiography Alloy Wheel

5.0 Range Prices

	Engine Code	Model Code	List Price	CO ₂ Offset Charge	VAT 20%	P11D Price	VED First Year Rate & 1st Registration Fee	On the Road Price
3.0SDV6								
SE	TRVH	250DB	£39,858.33	£100.00	£7,991.67	£47,950.00	£845	£48,795.00
HSE	TRVH	250DC	£45,858.33	£100.00	£9,191.67	£55,150.00	£845	£55,995.00
Autobiography Sport	TRVH	250DL	£54,775.00	£100.00	£10,975.00	£65,850.00	£845	£66,695.00
5.0 Supercharged								
Supercharged	SQVH	250DI	£55,035.00	£165.00	£11,040.00	£66,240.00	£1,055	£67,295.00
Autobiography Sport	SQVH	250DN	£61,118.33	£165.00	£12,256.67	£73,540.00	£1,055	£74,595.00