

TECHNICAL SPECIFICATION 2022

THE NEW RANGE ROVER SPORT



ABOVE & BEYOND



ENGINES AND TECHNICAL SPECIFICATION

Range Rover Sport features our most advanced powertrains yet, providing new levels of performance, efficiency and refinement. Choose from petrol, diesel or the new extended-range Plug-in Hybrid for all-electric, zero tailpipe emissions driving.

1

POWERTRAINS

View the available powertrains, their fuel economy and specifications.

2

DIMENSIONS AND CAPABILITIES

View the ride height, turning circle and other capability specifications.

THE NEW RANGE ROVER SPORT **POWERTRAIN**

POWERTRAIN			DIESEL MHEV	
			D300	D350
Mild Hybrid Electric Vehicle (MHEV)			■	■
Transmission			Automatic	Automatic
Driveline			All Wheel Drive (AWD)	All Wheel Drive (AWD)
Maximum power (HP (kW)/rpm)			300 (221)/4,000	350 (258)/4,000
Maximum torque (Nm/rpm)			650/1,500-2,500	700/1,500-3,000
Capacity (cc)			2,997	2,997
No. of cylinders/Valves per cylinder			6/4	6/4
Cylinder layout			In-line	In-line
Bore/stroke (mm)			83/92.31	83/92.31
Compression ratio (:1)			15.5	15.5
FUEL ECONOMY – WLTP*				
WLTP Consumption	Low	mpg (l/100km)	26.2 - 23.0 (10.8 - 12.3)	25.7 - 23.0 (11.0 - 12.3)
	Medium	mpg (l/100km)	36.7 - 34.9 (7.7 - 8.1)	36.7 - 34.9 (7.7 - 8.1)
	High	mpg (l/100km)	47.9 - 44.1 (5.9 - 6.4)	47.9 - 44.8 (5.9 - 6.3)
	Extra High	mpg (l/100km)	39.2 - 35.8 (7.2 - 7.9)	39.2 - 35.8 (7.2 - 7.9)
	Combined	mpg (l/100km)	38.2 - 34.9 (7.4 - 8.1)	38.2 - 35.3 (7.4 - 8.0)
WLTP CO ₂ Emissions	Combined	g/km	194 - 211	195 - 211
Fuel tank capacity - useable litres			80	80
Selective Catalytic Reduction Filter/Gasoline Particulate Filter (SCR/F/GPF)			■	■

■ Standard.

*The figures provided are as a result of official manufacturer's tests in accordance with EU legislation. For comparison purposes only. Real-world figures may differ. CO₂ and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted.

THE NEW RANGE ROVER SPORT **POWERTRAIN**

	DIESEL MHEV	
	D300	D350
PERFORMANCE		
Acceleration (secs) 0-60 mph (0-100 km/h) with Dynamic Launch	6.3 (6.6)	5.6 (5.9)
Maximum speed mph (km/h)	135 (218)	145 (234)
BRAKES		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	380	380
Rear type	Ventilated disc	Ventilated disc
Rear diameter (mm)	355	355
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	Electric Park Brake (EPB) integrated into brake caliper
WEIGHTS (kg)*		
Unladen weight (EU)**	2,390	2,435
Unladen weight (DIN)†	2,315	2,360
Gross Vehicle Weight (GVW)	3,220	3,220
TOWING (kg)		
Unbraked trailer	750	750
Maximum towing	3,500	3,500
Maximum coupling point (nose weight)	150	150
Maximum vehicle and trailer combination	6,720	6,720
ROOF CARRYING (kg)††		
Maximum roof load (including cross bars)	100	100

*Weights reflect vehicles to standard specifications. Optional extras increase weight. **Includes a 75 kg driver, full fluids and 90% fuel. †Includes full fluids and 90% fuel. ††Roof carrying is only available with fixed and sliding panoramic roofs.

THE NEW RANGE ROVER SPORT **POWERTRAIN**

POWERTRAIN			PETROL MHEV		PETROL V8	
			P400		P530	
Mild Hybrid Electric Vehicle (MHEV)			■		-	
Transmission			Automatic		Automatic	
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)	
Maximum power (HP (kW)/rpm)			400 (294)/5,500-6,500		530 (390)/5,500-6,000	
Maximum torque (Nm/rpm)			550/2,000-5,000		750/1,800-4,600	
Capacity (cc)			2,996		4,395	
No. of cylinders/Valves per cylinder			6/4		8/4	
Cylinder layout			In-line		Longitudinal V	
Bore/stroke (mm)			83/92.29		89/88.3	
Compression ratio (:1)			10.5		10.5	
FUEL ECONOMY – WLTP*						
Low			mpg (l/100km)		20.0 - 19.5 (14.1 - 14.5)	
Medium			mpg (l/100km)		14.9 - 14.6 (19.0 - 19.4)	
High			mpg (l/100km)		25.9 - 24.6 (10.9 - 11.5)	
Extra High			mpg (l/100km)		31.0 - 29.7 (9.1 - 9.5)	
Combined			mpg (l/100km)		27.4 - 26.2 (10.3 - 10.8)	
Combined			mpg (l/100km)		25.2 - 24.1 (11.2 - 11.7)	
WLTP CO ₂ Emissions			g/km		213 - 226	
Fuel tank capacity - useable litres			90		254 - 266	
Selective Catalytic Reduction Filter/Gasoline Particulate Filter (SCR/GPF)			■		90	
			■		■	

■ Standard - Not Available.

*The figures provided are as a result of official manufacturer's tests in accordance with EU legislation. For comparison purposes only. Real-world figures may differ. CO₂ and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted.

THE NEW RANGE ROVER SPORT **POWERTRAIN**

	PETROL MHEV	PETROL V8
	P400	P530
PERFORMANCE		
Acceleration (secs) 0-60mph (0-100 km/h) with Dynamic Launch	5.4 (5.7)	4.3 (4.5)
Maximum speed mph (km/h)	150 (242)	155 (250)
BRAKES		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	380	400
Rear type	Ventilated disc	Ventilated disc
Rear diameter (mm)	355	370
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	Electric Park Brake (EPB) integrated into brake caliper
WEIGHTS (kg)*		
Unladen weight (EU)**	2,385	2,505
Unladen weight (DIN)†	2,310	2,430
Gross Vehicle Weight (GVW)	3,220	3,220
TOWING (kg)		
Unbraked trailer	750	750
Maximum towing	3,500	3,500
Maximum coupling point (nose weight)	150	150
Maximum vehicle and trailer combination	6,720	6,720
ROOF CARRYING (kg)††		
Maximum roof load (including cross bars)	100	100

*Weights reflect vehicles to standard specifications. Optional extras increase weight. **Includes a 75 kg driver, full fluids and 90% fuel. †Includes full fluids and 90% fuel. ††Roof carrying is only available with fixed and sliding panoramic roofs.

THE NEW RANGE ROVER SPORT **POWERTRAIN**

POWERTRAIN	PETROL PHEV	
	P440e	P510e
Plug-in Hybrid Electric Vehicle (PHEV)	■	■
Transmission	Automatic	Automatic
Driveline	All Wheel Drive (AWD)	All Wheel Drive (AWD)
Maximum power (HP (kW)/rpm)	440 (324)/5,500-6,500	510 (375)/5,500-6,500
Maximum torque (Nm/rpm)	620/1,500-5,000	700/1,500-5,000
Capacity (cc)	2,996	2,996
No. of cylinders/Valves per cylinder	6/4	6/4
Cylinder layout	In-line	In-line
Bore/stroke (mm)	83/92.29	83/92.29
Compression ratio (:1)	10.5	10.5
FUEL ECONOMY – WLTP*		
EV Range (eAER)	Combined	miles (km)
	Up to 71 (114)	Up to 70 (113)
WLTP Consumption	Combined	mpg (l/100km)
	353.1 - 313.9 (0.8 - 0.9)	353.1 - 313.9 (0.8 - 0.9)
WLTP CO ₂ Emissions	Combined	g/km
	18 - 20	18 - 20
Fuel tank capacity - useable litres	71.5	71.5
Selective Catalytic Reduction Filter/Gasoline Particulate Filter (SCRF/GPF)	■	■

■ Standard.

*The figures provided are as a result of official manufacturer's tests in accordance with EU legislation 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. Range figures are based upon production vehicle over a standardised route.

THE NEW RANGE ROVER SPORT **POWERTRAIN**

	PETROL PHEV	
	P440e	P510e
BATTERY AND CHARGING TIMES		
Home Charger/Wall box 7kW	5h 00m to 100%	5h 00m to 100%
Rapid DC Charger 50kW	40 mins to 80%	40 mins to 80%
Domestic Plug 2.3kW	15h 00m to 100%	15h 00m to 100%
Battery capacity Total (Usable) kWh	38.2 (31.8)	38.2 (31.8)
Charging cable length (m)	5	5
PERFORMANCE		
Acceleration (secs) 0-60 mph (0-100 km/h)	5.5 (5.8)	5.2 (5.4)
Maximum speed mph (km/h)	140 (225)	150 (242)
ELECTRIC MOTOR DATA		
Maximum speed mph (km/h)	87 (140)	87 (140)
Maxium Power HP (kW)	142 (105)	142 (105)
BRAKES		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	400	400
Rear type	Ventilated disc	Ventilated disc
Rear diameter (mm)	370	370
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	
WEIGHTS (kg)*		
Unladen weight (EU)**	2,735	2,810
Unladen weight (DIN)†	2,660	2,735
Gross Vehicle Weight (GVW)	3,450	3,450
TOWING (kg)		
Unbraked trailer	750	750
Maximum towing	3,000	3,000
Maximum coupling point (nose weight)	120	120
Maximum vehicle and trailer combination	6,450	6,450
ROOF CARRYING (kg)††		
Maximum roof load (including cross bars)	100	100

*Weights reflect vehicles to standard specifications. Optional extras increase weight. **Includes a 75 kg driver, full fluids and 90% fuel. †Includes full fluids and 90% fuel. ††Roof carrying is only available with fixed and sliding panoramic roofs.

THE NEW RANGE ROVER SPORT DIMENSIONS AND CAPABILITIES

VEHICLE HEIGHT

Maximum height 1,820 mm

OBSTACLE CLEARANCE

Off-road height 281 mm/274 mm†
Standard ride height 216 mm/209 mm†

TURNING CIRCLE

Kerb-to-kerb Two wheel steering 12.53 m
Kerb-to-kerb Four wheel steering 10.95 m
Wall-to-wall Two wheel steering 12.73 m
Wall-to-wall Four wheel steering 11.42 m
Turns lock-to-lock 2.8

WADING DEPTH

Maximum wading depth 900 mm

HEADROOM

Maximum front row headroom 985 mm
Maximum second row headroom 990 mm

LEGROOM

Maximum front row legroom 1,024 mm
Maximum second row legroom 961 mm

LOADSPACE CAPACITY**

Height 844 mm
Width 1,400 mm
Width between arches 1,103 mm
Length behind first row 1,827 mm
Maximum loadspace volume behind first row
Dry* 1,491 litres
Wet** 1,860 litres
Length behind second row 970 mm
Maximum loadspace volume behind second row
Dry* 647 litres
Wet** 835 litres

Width 2,047 mm mirrors folded
Width 2,209 mm mirrors out



Front wheel track 1,702 mm

Height 1,820 mm



Rear wheel track 1,704 mm



Wheelbase 2,997 mm

Standard overall length 4,946 mm



	A	B	C
Ride Height	Departure Angle	Ramp Angle	Approach Angle
Off-road	30°	26.9°/24.5°†	33°/29.7°††
Standard	24.9°	21.5°/19.1°†	26.1°/22.5°††



*Dry: Volume as measured with VDA-compliant solid blocks (200 mm x 50 mm x 100 mm).

**Wet: Volume as measured by simulating the loadspace filled with liquid.

†On PHEV models. ††On Dynamic models.