

TECHNICAL SPECIFICATION 2024

RANGE ROVER
SPORT



ENGINES AND TECHNICAL SPECIFICATION

Range Rover Sport features our most advanced engine options, providing new levels of performance, efficiency and refinement. There is a plug-in Electric Hybrid (PHEV) for all-electric, zero tailpipe emissions driving, as well as petrol and diesel engine options.

1

ENGINES

View the available engines, their fuel economy and specifications.

2

DIMENSIONS AND CAPABILITIES

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

Engines

			Petrol Electric Hybrid (PHEV)		
Engine			P460e		P550e
Plug-in Hybrid Electric Vehicle (PHEV)			■		■
Transmission			Automatic		Automatic
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)
Maximum power (PS (kW) / rpm)			460 (338) / 5.500-6.500		550 (405) / 5.500-6.500
Maximum torque (Nm / rpm)			660 / 2.000-5.000		800 / 2.000-5.000
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 – NEDC*					
NEDC Consumption	Urban	l/100km	-		-
	Extra Urban	l/100km	-		-
	Combined	l/100km	From 1,6		From 1,6
NEDC CO ₂ Emissions	Urban	g/km	-		-
	Extra Urban	g/km	-		-
	Combined	g/km	From 37		From 37
Fuel Economy – WLTP**					
WLTP Consumption	Low	l/100km (mpg)	-		-
	Medium	l/100km (mpg)	-		-
	High	l/100km (mpg)	-		-
	Extra High	l/100km (mpg)	-		-
	Combined	l/100km (mpg)	0,7-0,9 (409,4-328,5)		0,7-0,8 (392,3-332.3)
WLTP CO ₂ Emissions	Low	g/km	-		-
	Medium	g/km	-		-
	High	g/km	-		-
	Extra High	g/km	-		-
	Combined	g/km	16-20		16-19
Fuel tank capacity - useable litres			71,5		71,5
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCRf / GPF)			■		■

■ Standard – Not Available.

*The figures provided are NEDC calculated from official manufacturer’s tests. Figures may vary according to environment and driving style. For comparison purposes only. Real-world figures may differ. **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.

Engines

	Petrol Electric Hybrid (PHEV)	
	P460e	P550e
	5h 00m to 100%	5h 00m to 100%
	40 mins to 80%	40 mins to 80%
	15h 00m to 100%	15h 00m to 100%
	38,2 (31,8)	38,2 (31,8)
	5	5
	5,5 (5,3)	4,9 (4,7)
	225 (140)	242 (150)
	140 (87)	140 (87)
	125 (78)	125 (78)
	122 (76)	120 (75)
	96 (60)	94 (59)
	Ventilated disc	Ventilated disc
	400	400
	Ventilated disc	Ventilated disc
	370	370
	Electric Park Brake (EPB) integrated into brake caliper	
	2.735	2.810
	2.660	2.735
	3.450	3.450
	750	750
	3.000	3.000
	350	350
	6.450	6.450
	100	100

*The figures provided are NEDC2 calculated from official manufacturer’s WLTP 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 and accessories fitted. NEDC2 are figures calculated using a Government formula from WLTP figures equivalent to what they would have been under the old NEDC test. The correct tax treatment can then. **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. [†]Weights reflect vehicles to standard specifications. Optional extras increase weight. ^{††}Includes a 75kg driver, full fluids and 90% fuel. [‡]Includes full fluids and 90% fuel. ^{‡‡}Roof carrying is only available with fixed and sliding panoramic roofs.

ENGINES

			PETROL MILD HYBRID (MHEV)		
ENGINE			P360		P400
Mild Hybrid Electric Vehicle (MHEV)			■		■
Transmission			Automatic		Automatic
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)
Maximum power (PS (kW) / rpm)			360 (265) / 5.500-6.500		400 (294) / 5.500-6.500
Maximum torque (Nm / rpm)			500 / 1.750-5.000		550 / 2.000-5.000
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 – NEDC*					
NEDC Consumption	Urban	l/100km	From 12,2		From 12,2
	Extra Urban	l/100km	From 7,8		From 7,8
	Combined	l/100km	From 9,4		From 9,4
NEDC CO ₂ Emissions	Urban	g/km	From 283		From 283
	Extra Urban	g/km	From 182		From 182
	Combined	g/km	From 219		From 219
FUEL ECONOMY – WLTP**					
WLTP Consumption	Low	l/100km (mpg)	13,7-14,4 (20,6-19,7)		13,8-14,5 (20,4-19,5)
	Medium	l/100km (mpg)	9,7-10,2 (29,2-27,7)		9,7-10,3 (29,0-27,4)
	High	l/100km (mpg)	7,9-8,3 (35,9-33,9)		7,9-8,4 (35,8-33,6)
	Extra High	l/100km (mpg)	8,9-9,8 (31,6-28,8)		9,0-9,9 (31,4-28,6)
	Combined	l/100km (mpg)	9,4-10,0 (30,1-28,1)		9,5-10,1 (29,9-27,9)
WLTP CO ₂ Emissions	Low	g/km	310-325		312-328
	Medium	g/km	218-232		220-233
	High	g/km	177-188		178-190
	Extra High	g/km	210-222		203-223
	Combined	g/km	212-227		213-229
Fuel tank capacity - useable litres			90		90
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCRf / GPF)			■		■

■ Standard.

*The figures provided are NEDC calculated from official manufacturer’s tests. Figures may vary according to environment and driving style. For comparison purposes only. Real-world figures may differ. **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.

Engines

PERFORMANCE	PETROL MILD HYBRID (MHEV)	
	P360	P400
Acceleration (secs) 0-100 km/h (0-60 mph) with Dynamic Launch	5,9 (5,6)	5,5 (5,2)
Maximum speed km/h (mph)	225 (140)	242 (150)
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	
WEIGHTS (kg)*		
Unladen weight (EU)**	2.385	2.385
Unladen weight (DIN)†	2.310	2.310
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)	350	350
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 75kg driver, full fluids and 90% fuel. †Includes full fluids and 90% fuel. ††Roof carrying is only available with fixed and sliding panoramic roofs.

Engines

			Petrol V8 Mild Hybrid (MHEV)		
Engine			P530		P635
Transmission			Automatic		Automatic
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)
Maximum power (PS (kW) / rpm)			530 (390) / 5.000-7.000		635 (467) / 6.000-7.000
Maximum torque (Nm / rpm)			750 / 1.800-4.500		750 [†] / 1.800-5.855
Capacity (cc)			4.395		4.395
No. of cylinders / Valves per cylinder			8 / 4		8 / 4
Cylinder layout			Longitudinal V		Longitudinal V
Bore / stroke (mm)			89 / 88,3		89 / 88,3
Compression ratio (:1)			10,5		10,5
Fuel Economy – NEDC*					
NEDC Consumption	Urban	l/100km	From 16,2		-
	Extra Urban	l/100km	From 9,2		-
	Combined	l/100km	From 11,8		-
NEDC CO ₂ Emissions	Urban	g/km	From 380		-
	Extra Urban	g/km	From 214		-
	Combined	g/km	From 275		-
Fuel Economy – WLTP**					
WLTP Consumption	Low	l/100km (mpg)	19,3-19,5 (14,6-14,5)		19,7-20,3 (14,3-13,9)
	Medium	l/100km (mpg)	11,0-11,5 (25,7-24,6)		11,5-12,2 (24,6-23,2)
	High	l/100km (mpg)	9,2-9,6 (30,9-29,5)		9,8-10,4 (28,9-27,2)
	Extra High	l/100km (mpg)	10,0-10,7 (28,1-26,4)		10,8-11,5 (26,1-24,5)
	Combined	l/100km (mpg)	11,2-11,7 (25,2-24,2)		11,8-12,5 (23,9-22,7)
WLTP CO ₂ Emissions	Low	g/km	438-442		448-460
	Medium	g/km	250-261		261-277
	High	g/km	207-217		221-235
	Extra High	g/km	228-242		246-261
	Combined	g/km	254-265		268-283
Fuel tank capacity - useable litres			90		90
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCRf / GPF)			■		■

■ Standard – Not Available.

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**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. [†]800Nm combined Engine/MHEV output when using Dynamic Launch Mode.

Engines

	Petrol V8 Mild Hybrid (MHEV)	
Performance	P530	P635
Acceleration (secs) 0-100 km/h (0-60 mph) with Dynamic Launch	4,5 (4,3)	3,8 (3,6) [‡]
Maximum speed km/h (mph)	250 (155)	290 (180)
Brakes		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	400	420 (440) [‡]
Rear type	Ventilated disc	Ventilated disc
Rear diameter (mm)	370	390
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	Electric Park Brake (EPB) integrated into brake caliper
Weights (kg)*		
Unladen weight (EU)**	2,580	2.560
Unladen weight (DIN) [†]	2.505	2.485
Gross Vehicle Weight (GVW)	3.250	3.250
Towing (kg)		
Unbraked trailer	750	750
Maximum towing	3.500	3.500
Maximum coupling point (nose weight)	350	330
Maximum vehicle and trailer combination	6.720	6.750
Roof Carrying (kg) ^{††}		
Maximum roof load (including cross bars)	100	100

*Weights reflect vehicles to standard specifications. Optional extras increase weight. **Includes a 75kg driver, full fluids and 90% fuel. †Includes full fluids and 90% fuel. ††Roof carrying is only available with fixed and sliding panoramic roofs. ‡When fitted with Carbon Ceramic Braking System and Carbon Fibre wheels

Engines

			DIESEL MILD HYBRID (MHEV)			
ENGINE			D250	D300	D350	
Mild Hybrid Electric Vehicle (MHEV)			■	■	■	
Transmission			Automatic	Automatic	Automatic	
Driveline			All Wheel Drive (AWD)	All Wheel Drive (AWD)	All Wheel Drive (AWD)	
Maximum power (PS (kW) / rpm)			249 (183) / 4.000	300 (221) / 4.000	350 (258) / 4.000	
Maximum torque (Nm / rpm)			600 / 1.250-2.500	650 / 1.500-2.500	700 / 1.500-3.000	
Capacity (cc)			2.997	2.997	2.998	
No. of cylinders / Valves per cylinder			6 / 4	6 / 4	6 / 4	
Cylinder layout			In-line	In-line	In-line	
Bore / stroke (mm)			83 / 92,31	83 / 92,31	83 / 92,31	
Compression ratio (:1)			15,5	15,5	15,5	
FUEL ECONOMY – WLTP*						
WLTP Consumption	Low	l/100km (mpg)	11,3-12,0 (25,1-23,6)	11,2-11,9 (25,2-23,7)	11,3-11,8 (25,0-23,9)	
	Medium	l/100km (mpg)	6,9-7,4 (40,7-38,4)	6,9-7,3 (40,8-38,5)	7,0-7,3 (40,5-38,8)	
	High	l/100km (mpg)	5,7-6,4 (49,2-44,3)	5,7-6,4 (49,3-44,4)	5,8-6,3 (49,0-44,9)	
	Extra High	l/100km (mpg)	6,8-7,8 (41,4-36,2)	6,8-7,8 (41,4-36,1)	6,9-7,7 (41,2-36,6)	
	Combined	l/100km (mpg)	7,1-7,8 (39,8-36,1)	7,1-7,8 (39,8-36,2)	7,1-7,7 (39,6-36,5)	
WLTP CO ₂ Emissions	Low	g/km	295-314	295-313	297-310	
	Medium	g/km	182-193	182-193	183-191	
	High	g/km	150-167	150-167	151-165	
	Extra High	g/km	179-205	179-205	180-203	
	Combined	g/km	186-205	186-205	187-203	
Fuel tank capacity - useable litres			80	80	80	
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCR _F / GPF)			■	■	■	

■ Standard.

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Engines

	Diesel Mild Hybrid (MHEV)		
Performance	D250	D300	D350
Acceleration (secs) 0-100 km/h (0-60 mph) with Dynamic Launch	7,7 (7,3)	6,4 (6,1)	5,8 (5,5)
Maximum speed km/h (mph)	206 (128)	218 (135)	234 (145)
Brakes			
Front type	Ventilated disc	Ventilated disc	Ventilated disc
Front diameter (mm)	380	380	380
Rear type	Ventilated disc	Ventilated disc	Ventilated disc
Rear diameter (mm)	355	355	355
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	Electric Park Brake (EPB) integrated into brake caliper	Electric Park Brake (EPB) integrated into brake caliper
Weights (kg)*			
Unladen weight (EU)**	2.390	2.390	2.435
Unladen weight (DIN)†	2.315	2.315	2.360
Gross Vehicle Weight (GVW)	3.220	3.220	3.220
Towing (kg)			
Unbraked trailer	750	750	750
Maximum towing	3.500	3.500	3.500
Maximum coupling point (nose weight)	350	350	350
Maximum vehicle and trailer combination	6.720	6.720	6.720
Roof Carrying (kg)††			
Maximum roof load (including cross bars)	100	100	100

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

ENGINES

ENGINE			DIESEL			
			D250	D300	D350	
Transmission			Automatic	Automatic	Automatic	
Driveline			All Wheel Drive (AWD)	All Wheel Drive (AWD)	All Wheel Drive (AWD)	
Maximum power (PS (kW) / rpm)			249 (183) / 4.000	300 (221) / 4.000	350 (258) / 4.000	
Maximum torque (Nm / rpm)			600 / 1.250-2.250	650 / 1.500-2.500	700 / 1.500-3.000	
Capacity (cc)			2.997	2.997	2.997	
No. of cylinders / Valves per cylinder			6 / 4	6 / 4	6 / 4	
Cylinder layout			In-line	In-line	In-line	
Bore / stroke (mm)			83 / 92,31	83 / 92,31	83 / 92,31	
Compression ratio (:1)			15,5	15,5	15,5	
FUEL ECONOMY – NEDC*						
NEDC Consumption	Urban	l/100km	From 9,8	From 9,8	From 9,8	
	Extra Urban	l/100km	From 6,1	From 6,1	From 6,1	
	Combined	l/100km	From 7,4	From 7,4	From 7,4	
NEDC CO ₂ Emissions	Urban	g/km	From 259	From 259	From 259	
	Extra Urban	g/km	From 160	From 160	From 160	
	Combined	g/km	From 196	From 196	From 196	
Fuel tank capacity - useable litres			80	80	80	
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCR _F / GPF)			■	■	■	

■ Standard.

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Engines

	DIESEL		
PERFORMANCE	D250	D300	D350
Acceleration (secs) 0-100 km/h (0-60 mph) with Dynamic Launch	7,7 (7,3)	6,4 (6,1)	5,8 (5,5)
Maximum speed km/h (mph)	206 (128)	218 (135)	234 (145)
BRAKES			
Front type	Ventilated disc	Ventilated disc	Ventilated disc
Front diameter (mm)	380	380	380
Rear type	Ventilated disc	Ventilated disc	Ventilated disc
Rear diameter (mm)	355	355	355
Park Brake	Electric Park Brake (EPB) integrated into caliper	Electric Park Brake (EPB) integrated into caliper	Electric Park Brake (EPB) integrated into caliper
WEIGHTS (kg)*			
Unladen weight (EU)**	2.390	2.390	2.435
Unladen weight (DIN)†	2.315	2.315	2.360
Gross Vehicle Weight (GVW)	3.220	3.220	3.220
TOWING (kg)			
Unbraked trailer	750	750	750
Maximum towing	3.500	3.500	3.500
Maximum coupling point (nose weight)	150	150	150
Maximum vehicle and trailer combination	6.720	6.720	6.720
ROOF CARRYING (kg)††			
Maximum roof load (including cross bars)	100	100	100

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

DIMENSIONS AND CAPABILITIES

DIMENSIONS

Maximum height 1.820mm
Access height air suspension setting will reduce the above by 50mm
Overall length 4.946mm
Width 2.047mm mirrors folded
Width 2.209mm mirrors out
Front wheel track 1.702mm (SV 1.714mm)
Rear wheel track 1.704mm (SV 1.723mm)
Wheelbase 2.997mm

TURNING CIRCLE

Kerb-to-kerb Two wheel steering 12,53m
Kerb-to-kerb Four wheel steering 10,95m
Wall-to-wall Two wheel steering 12,73m
Wall-to-wall Four wheel steering 11,42m
Turns lock-to-lock 2,8

WADING DEPTH

Maximum wading depth 900mm

HEADROOM

Maximum front row headroom 998mm
Maximum second row headroom 982mm

LEGROOM

Maximum front row legroom 1.024mm
Maximum second row legroom 961mm

OBSTACLE CLEARANCE

Off-road height 280mm / 273mm[†]
Standard ride height 216mm / 209mm[†]

APPROACH AND DEPARTURE CLEARANCE

Standard
Approach Angle - 26,1° / 22,5°^{††}
Departure Angle - 24,9°
Ramp Angle - 21,5° / 19,1°[†]

Off-road
Approach Angle - 33,0° / 29,7°^{††}
Departure Angle - 29,8°
Ramp Angle - 26,9° / 24,5°[†]

LOADSPACE CAPACITY**

Height 844mm
Width 1.400mm
Width between arches 1.103mm
Length behind first row 1.827mm
Maximum loadspace volume behind first row
Dry* 1.491 litres
Wet** 1.860 litres
Length behind second row 970mm
Maximum loadspace volume behind second row
Dry* 647 litres
Wet** 835 litres



Height
1.820mm
(SV 1.814mm)

Width 2.047mm mirrors folded
Width 2.209mm mirrors out



Standard overall length 4.946mm



Rear wheel track 1.704mm
(SV 1.723mm)

Weights and dimensions shown apply to standard-specification, unladen vehicles, which may be affected by optional features and equipment.
*Dry: Volume as measured with VDA-compliant solid blocks (200mm x 50mm x 100mm). **Wet: Volume as measured by simulating the loadspace filled with liquid.
[†]On PHEV models. ^{††}On Dynamic models.
Figures shown may differ on SV models.