

RANGE ROVER

TECHNICAL SPECIFICATION
2019



ABOVE & BEYOND



ENGINES - SWB

You can select from a choice of diesel, petrol, mild hybrid and plug-in hybrid engines. These engines are designed for clean and efficient combustion and are all equipped with Stop/Start technology and smart regenerative charging.

Configure your Range Rover at landrover.co.uk

TECHNICAL SPECIFICATION

POWERTRAIN	DIESEL				PETROL PHEV		PETROL MHEV		PETROL					
	SDV6		SDV8		P400e		P400		P525		V8 SUPERCHARGED			
Transmission	Automatic		Automatic		Automatic		Automatic		Automatic		Automatic			
Driveline	All Wheel Drive (AWD)		All Wheel Drive (AWD)		All Wheel Drive (AWD)		All Wheel Drive (AWD)		All Wheel Drive (AWD)		All Wheel Drive (AWD)			
Maximum power (HP/rpm)	275 / 3,500-4,250		339 / 3,500		404 / 5,500*		400 / 5,500-6,500		525 / 6,000-6,500		565 / 6,000-6,500			
Maximum torque (Nm/rpm)	625 / 1,500-2,500		740 / 1,750-2,250		640 / 1,500-4,000		550 / 2,000 - 5,000		625 / 2,500-5,500		700 / 3,500-5,000			
Capacity (cc)	2,993		4,367		1,997		2,996		5,000		5,000			
No. of cylinders/Valves per cylinder	6 / 4		8 / 4		4 / 4		6 / 4		8 / 4		8 / 4			
Cylinder layout	Longitudinal V		Longitudinal V		Inline 4		Longitudinal i6		Longitudinal V		Longitudinal V			
Bore/stroke (mm)	84 / 90		84 / 98.5		83 / 92.3		83 / 92.3		92.5 / 93		92.5 / 93			
Compression ratio (:1)	16		16		9.5		10.5		9.5		9.5			
FUEL ECONOMY - NEDC EQUIVALENT NEDCeq**			Class B	Class C	Class B	Class C	Class B	Class C	Class B	Class C	Class B	Class C		
CO ₂ Emissions	Combined	(g/km)	199	204	243	246	72	75	212	216	290	294	298	298
FUEL ECONOMY - WLTP†			TEL - TEH††		TEL - TEH††		TEL - TEH††		TEL - TEH††		TEL - TEH††		TEH††	
WLTP Consumption	Low	mpg (l/100km)	23.9 - 22.3 (11.8 - 12.7)		18.0 - 17.6 (15.7 - 16.1)		-		18.2 - 17.5 (15.5 - 16.2)		12.6 - 12.1 (22.4 - 23.3)		12.3 (22.9)	
	Medium	mpg (l/100km)	31.8 - 28.3 (8.9 - 10.0)		26.5 - 24.5 (10.7 - 11.5)		-		27.4 - 25.8 (10.3 - 10.9)		20.1 - 19.0 (14.0 - 14.9)		18.9 (15.0)	
	High	mpg (l/100km)	36.6 - 33.8 (7.7 - 8.4)		30.4 - 29.7 (9.3 - 9.5)		-		32.2 - 30.0 (8.8 - 9.4)		23.5 - 22.2 (12.0 - 12.7)		22.2 (12.7)	
	Extra High	mpg (l/100km)	31.3 - 29.2 (9.0 - 9.7)		28.9 - 27.1 (9.8 - 10.4)		-		27.0 - 25.2 (10.5 - 11.2)		21.8 - 20.4 (13.0 - 13.8)		20.4 (13.8)	
	Combined	mpg (l/100km)	31.5 - 29.1 (9.0 - 9.7)		26.6 - 25.4 (10.6 - 11.1)		85.1 - 75.7 (3.3 - 3.7)		26.7 - 25.1 (10.6 - 11.3)		20.0 - 18.9 (14.1 - 15.0)		18.9 (14.9)	
EV Range	Combined	miles (km)	-		-		25.0 - 24.0 (41.0 - 39.0)		-		-		-	
FUEL ECONOMY														
Fuel tank capacity - useable litres			86		86		91		104		104		104	
Selective Catalytic Reduction Filter/ Gasoline Particulate Filter (SCR/GPF)			■		■		■		■		■		■	

■ Standard - Not Available.

Class B (19", 20" and 22" wheels with all season tyres, 22" with summer tyres), Class C (21" wheels with all season tyres)

*When combined with electric motor. **The figures provided are NEDCeq calculated from official manufacturer's WLTP tests in accordance with EU legislation. For comparison purposes only. Real world figures may differ. CO₂ figures may vary according to wheel fitment and optional extras fitted. NEDCeq are figures calculated using a Government formula from WLTP figures equivalent to what they would have been under the old NEDCeq test. The correct tax treatment can then be applied. †The figures provided are WLTP. WLTP is the new official EU test used to calculate standardised fuel consumption and CO₂ figures for passenger cars. It measures fuel, energy consumption, range and emissions. This is designed to provide figures closer to real-world driving behaviour. It tests vehicles with optional equipment and with a more demanding test procedure and driving profile.

TECHNICAL SPECIFICATION

PERFORMANCE	DIESEL		PETROL PHEV	PETROL MHEV	PETROL	
	SDV6	SDV8	P400e	P400	P525	V8 SUPERCHARGED
Acceleration (secs) 0-60mph (0-100 km/h)	7.4 (7.9)	6.8 (7.3)	6.4 (6.8)	5.9 (6.3)	5.1 (5.4)	5.1 (5.4)
Maximum speed mph (km/h)	130 (209)	135 (217)	137 (220)	140 (225)	155 (250 ¹)	155 (250 ¹)
ELECTRIC MOTOR DATA						
Maximum Power (kW)	-	-	105	-	-	-
Maximum Torque (Nm)	-	-	275	-	-	-
BRAKES						
Front type	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc
Front diameter (mm)	349	380	380	380	380	380
Rear type	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc
Rear diameter (mm)	325	365	365	365	365	365
Park Brake diameter (mm)			Electric Park Brake (EPB) integrated into brake caliper			
WEIGHTS (kg)²						
Unladen weight (EU) ^{2*}	2,328	2,570	2,577	2,342	2,450	2,591
Unladen weight (DIN) ²	2,253	2,495	2,502	2,267	2,375	2,516
Gross Vehicle Weight (GVW)	3,130	3,290	3,210	3,140	3,160	3,160
TOWING (kg)						
Unbraked trailer	750	750	750	750	750	750
Maximum towing	3,500	3,500	2,500	3,500	3,500	3,500
Maximum coupling point (nose weight)	150	150	100	150	150	150
Maximum vehicle and trailer combination	6,630	6,790	5,710	6,640	6,660	6,660
ROOF CARRYING (kg)						
Maximum roof load (including cross bars)	100	100	100	100	100	100

¹TEL (Test Energy Low) and TEH (Test Energy High) figures are shown as a range under WLTP testing measures. TEL refers to the lowest/most economical figures (with the lightest set of options). TEH refers to the highest/least economical figures (with the heaviest set of options). WLTP legislation dictates that where there is <5g CO₂ variance between TEL and TEH, only the TEH is declared. ²Weights reflect vehicles to standard specifications. Optional extras increase weight.

³Includes a 75kg driver, full fluids and 90% fuel. ⁴Includes full fluids and 90% fuel. ⁵With 22" wheel.

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ENGINES - LWB

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TECHNICAL SPECIFICATION

POWERTRAIN			DIESEL		PETROL PHEV		PETROL MHEV		PETROL			
			SDV8		P400e		P400		P525		V8 SUPERCHARGED	
Transmission			Automatic		Automatic		Automatic		Automatic		Automatic	
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)		All Wheel Drive (AWD)		All Wheel Drive (AWD)		All Wheel Drive (AWD)	
Maximum power (HP/rpm)			339 / 3,500		404 / 5,500*		400 / 5,500-6,500		525 / 6,000-6,500		565 / 6,000-6,500	
Maximum torque (Nm/rpm)			740 / 1,750-2,250		640 / 1,500-4,000		550 / 2,000 - 5,000		625 / 2,500-5,500		700 / 3,500-5,000	
Capacity (cc)			4,367		1,997		2,996		5,000		5,000	
No. of cylinders/Valves per cylinder			8 / 4		4 / 4		4 / 4		8 / 4		8 / 4	
Cylinder layout			Longitudinal V		Inline 4		Longitudinal i6		Longitudinal V		Longitudinal V	
Bore/stroke (mm)			84 / 98.5		83 / 92.3		83 / 92.3		92.5 / 93		92.5 / 93	
Compression ratio (:1)			16		9.5		10.5		9.5		9.5	
FUEL ECONOMY - NEDC EQUIVALENT NEDCeq**			Class B	Class C	Class B	Class C	Class B	Class C	Class B	Class C	Class B	Class C
CO ₂ Emissions Combined (g/km)			244	247	72	75	213	217	291	295	298	298
FUEL ECONOMY - WLTP†			TEL - TEH††		TEL - TEH††		TEL - TEH††		TEL - TEH††		TEH††	
WLTP Consumption	Low	mpg (l/100km)	17.8 - 17.5 (15.8 - 16.2)		-		18.0 - 17.4 (15.7 - 16.2)		12.5 - 12.1 (22.6 - 23.4)		12.3 (22.9)	
	Medium	mpg (l/100km)	25.7 - 24.0 (11.0 - 11.8)		-		26.8 - 25.7 (10.5 - 11.0)		19.9 - 18.9 (14.2 - 15.0)		18.9 (15.0)	
	High	mpg (l/100km)	30.2 - 29.6 (9.4 - 9.6)		-		31.5 - 29.8 (9.0 - 9.5)		23.3 - 22.0 (12.1 - 12.8)		22.2 (12.7)	
	Extra High	mpg (l/100km)	28.3 - 26.6 (10.0 - 10.6)		-		26.4 - 25.0 (10.7 - 11.3)		21.5 - 20.3 (13.1 - 13.9)		20.4 (13.8)	
	Combined	mpg (l/100km)	26.2 - 25.1 (10.8 - 11.3)		81.9 - 78.9 (3.5 - 3.8)		26.1 - 24.9 (10.8 - 11.4)		19.7 - 18.7 (14.3 - 15.1)		18.9 (14.9)	
EV Range	Combined	miles (km)	-		25.0 - 24.0 (40.0 - 38.0)		-		-		-	
FUEL ECONOMY												
Fuel tank capacity - useable litres			86		91		104		104		104	
Selective Catalytic Reduction Filter/ Gasoline Particulate Filter (SCR/GPF)			■		■		■		■		■	

■ Standard - Not Available.

Class B (19", 20" and 22" wheels with all season tyres, 22" with summer tyres), Class C (21" wheels with all season tyres)

*When combined with electric motor. **The figures provided are NEDCeq calculated from official manufacturer's WLTP tests in accordance with EU legislation. For comparison purposes only. Real world figures may differ. CO₂ figures may vary according to wheel fitment and optional extras fitted. NEDCeq are figures calculated using a Government formula from WLTP figures equivalent to what they would have been under the old NEDCeq test. The correct tax treatment can then be applied. †The figures provided are WLTP. WLTP is the new official EU test used to calculate standardised fuel consumption and CO₂ figures for passenger cars. It measures fuel, energy consumption, range and emissions. This is designed to provide figures closer to real-world driving behaviour. It tests vehicles with optional equipment and with a more demanding test procedure and driving profile.

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	DIESEL	PETROL PHEV	PETROL MHEV	PETROL	
	SDV8	P400e	P400	P525	V8 SUPERCHARGED
PERFORMANCE					
Acceleration (secs) 0-60mph (0-100 km/h)	7.0 (7.5)	6.5 (6.9)	6.1 (6.5)	5.2 (5.5)	5.2 (5.5)
Maximum speed mph (km/h)	135 (217)	137 (220)	140 (225)	155 (250 ^{*)}	155 (250 ^{*)}
ELECTRIC MOTOR DATA					
Maximum Power (kW)	-	105	-	-	-
Maximum Torque (Nm)	-	275	-	-	-
BRAKES					
Front type	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc
Front diameter (mm)	380	380	380	380	380
Rear type	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc
Rear diameter (mm)	365	365	365	365	365
Park Brake diameter (mm)	Electric Park Brake (EPB) integrated into brake caliper				
WEIGHTS (kg)[†]					
Unladen weight (EU) ^{**}	2,658	2,671	2,450	2,518	2,673
Unladen weight (DIN) [‡]	2,583	2,596	2,375	2,443	2,598
Gross Vehicle Weight (GVW)	3,340	3,250	3,170	3,200	3,200
TOWING (kg)					
Unbraked trailer	750	750	750	750	750
Maximum towing	3,400	2,500	3,500	3,500	3,500
Maximum coupling point (nose weight)	150	100	150	150	150
Maximum vehicle and trailer combination	6,740	5,750	6,670	6,700	6,700
ROOF CARRYING (kg)					
Maximum roof load (including cross bars)	100	100	100	100	100

^{††}TEL (Test Energy Low) and TEH (Test Energy High) figures are shown as a range under WLTP testing measures. TEL refers to the lowest/most economical figures (with the lightest set of options). TEH refers to the highest/least economical figures (with the heaviest set of options). WLTP legislation dictates that where there is <5g CO₂ variance between TEL and TEH, only the TEH is declared. [‡]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. ^{‡‡‡}With 22" wheel.

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DIMENSIONS AND CAPABILITIES



Standard Wheelbase (SWB) 2,922mm



Long Wheelbase (LWB) 3,122mm



Standard overall length 5,000mm (Long Wheelbase 5,200mm)

Standard Ride Height

With panoramic roof open (SWB/LWB)
1,874mm/1,880mm
With telematics roof antenna (SWB/LWB)
1,869mm/1,868mm
Access height air suspension setting will
reduce each of the above by 50mm

Headroom

Maximum front/rear headroom with
panoramic roof 1,003mm/1,002mm (991mm LWB)

Legroom

Maximum front legroom 994mm
Maximum rear legroom 997mm (LWB 1,189mm)

Loadspace Capacity*

Height 847mm, Width 1,291mm
Loadspace width between arches 1,120mm
Maximum loadspace volume behind first row (SWB/LWB)
Dry** 1,694/1,856 litres, Wet† 1,943/2,142 litres

Maximum loadspace volume behind second row
Dry** 707/707 litres, Wet† 900/900 litres

Maximum loadspace length behind first row (SWB/LWB)
1,982mm / 2,073mm

Maximum loadspace length behind second row (SWB/LWB)
1,090mm/1,013mm

Executive seat reduces length behind row 2 by 80mm
PHEV reduces height by 46mm

Obstacle Clearance

Off-road height 297mm
Standard ride height 220mm

Turning Circle

Kerb-to-kerb 12.3m (LWB 13.1m)
Wall-to-wall 12.7m (LWB 13.4m)
Turns lock-to-lock 3.03

Wading Depth

Maximum wading depth 900mm††

Width 2,073mm mirrors folded
Width 2,220mm mirrors out



Front wheel track 1,693mm



Height
SWB 1,869mm
LWB 1,868mm



Rear wheel track 1,685mm



	A	B	C
Ride Height	Angle Approach	Ramp Angle	Departure Angle
Off-road (SWB/LWB)	34.7°	28.2° / 25.6°	29.0°
Standard (SWB/LWB)	25.5°	21.5° / 20.0°	24.5°



*Rear loadspace capacity is reduced on P400e models. **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.

††Wading depth (25° entry and exit) 750mm, Deep Forcing depth (9° entry and exit) 900mm.

Figures shown may differ for 5.0L V8 Supercharged 565HP.

Please note: Figures related to both Standard Wheelbase (SWB) and Long Wheelbase (LWB) models unless stated.