

# RANGE ROVER

TECHNICAL SPECIFICATION

APRIL 2020



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](http://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			
<b>FUEL ECONOMY - WLTP**</b>									
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)	
WLTP CO <sub>2</sub> Emissions	Combined	(g/km)	235 - 255	278 - 292	75 - 85	240 - 255	318 - 337	338	
EV Range	Combined	miles (km)	-	-	25.0 - 24.0 (41.0 - 39.0)	-	-	-	
<b>FUEL ECONOMY</b>									
Fuel tank capacity - useable litres			86	86	91	104	104	104	
Selective Catalytic Reduction Filter/ Gasoline Particulate Filter (SCR/GPF)			■	■	■	■	■	■	

■ Standard - Not Available.

\*When combined with electric motor. \*\*WLTP is the new official EU test used to calculate standardised fuel consumption and CO<sub>2</sub> 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. Figures are shown as a range under WLTP testing measures. The most economical figures refer to the most efficient/lightest set of options. The least economical figures refer to the least efficient/heaviest set of options. WLTP legislation dictates that where there is <5g CO<sub>2</sub> variance between the lowest and highest figures, only the highest is declared.

## 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 <sup>††</sup> )	155 (250 <sup>††</sup> )
<b>ELECTRIC MOTOR DATA</b>						
Maximum Power (kW)	-	-	105	-	-	-
Maximum Torque (Nm)	-	-	275	-	-	-
<b>BRAKES</b>						
Front type	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc
Front diameter (mm)	363	380	380	380	380	380
Rear type	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc
Rear diameter (mm)	350	365	365	365	365	365
Park Brake diameter (mm)			Electric Park Brake (EPB) integrated into brake caliper			
<b>WEIGHTS (kg)<sup>†</sup></b>						
Unladen weight (EU) <sup>††</sup>	2,328	2,570	2,577	2,342	2,450	2,591
Unladen weight (DIN) <sup>†</sup>	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
<b>TOWING (kg)</b>						
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
<b>ROOF CARRYING (kg)</b>						
Maximum roof load (including cross bars)	100	100	100	100	100	100

<sup>†</sup>Weights reflect vehicles to standard specifications. Optional extras increase weight. <sup>††</sup>Includes a 75kg driver, full fluids and 90% fuel. <sup>†</sup>Includes full fluids and 90% fuel. <sup>††</sup>With 22" wheel.

# ENGINES - LWB

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## TECHNICAL SPECIFICATION

			DIESEL	PETROL PHEV	PETROL MHEV	PETROL	
POWERTRAIN			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
<b>FUEL ECONOMY - WLTP**</b>							
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)
WLTP CO <sub>2</sub> Emissions	Combined	(g/km)	283 - 296	78 - 87	245 - 258	322 - 339	338
EV Range	Combined	miles (km)	-	25.0 - 24.0 (40.0 - 38.0)	-	-	-
<b>FUEL ECONOMY</b>							
Fuel tank capacity - useable litres			86	91	104	104	104
Selective Catalytic Reduction Filter/ Gasoline Particulate Filter (SCR/GPF)			■	■	■	■	■

■ Standard - Not Available.

\*When combined with electric motor. \*\*WLTP is the new official EU test used to calculate standardised fuel consumption and CO<sub>2</sub> 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. Figures are shown as a range under WLTP testing measures. The most economical figures refer to the most efficient/lightest set of options. The least economical figures refer to the least efficient/heaviest set of options. WLTP legislation dictates that where there is <5g CO<sub>2</sub> variance between the lowest and highest figures, only the highest is declared.

## TECHNICAL SPECIFICATION

	DIESEL	PETROL PHEV	PETROL MHEV	PETROL	
	SDV8	P400e	P400	P525	V8 SUPERCHARGED
<b>PERFORMANCE</b>					
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 <sup>††</sup> )	155 (250 <sup>††</sup> )
<b>ELECTRIC MOTOR DATA</b>					
Maximum Power (kW)	-	105	-	-	-
Maximum Torque (Nm)	-	275	-	-	-
<b>BRAKES</b>					
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			
<b>WEIGHTS (kg)<sup>†</sup></b>					
Unladen weight (EU) <sup>††</sup>	2,658	2,671	2,450	2,518	2,673
Unladen weight (DIN) <sup>†</sup>	2,583	2,596	2,375	2,443	2,598
Gross Vehicle Weight (GVW)	3,340	3,250	3,170	3,200	3,200
<b>TOWING (kg)</b>					
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
<b>ROOF CARRYING (kg)</b>					
Maximum roof load (including cross bars)	100	100	100	100	100

# 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

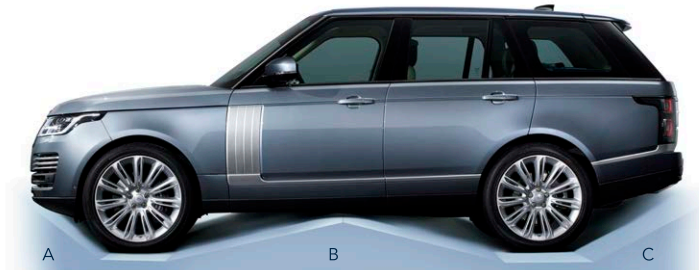


Front wheel track 1,693mm

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 Forging 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.