

# RANGE ROVER

TECHNICAL SPECIFICATION 2020



ABOVE & BEYOND





## ENGINES – SWB

Configure your Range Rover at [landrover.co.uk](http://landrover.co.uk)

### POWERTRAIN

Mild Hybrid Electric Vehicle (MHEV)

Transmission

Driveline

Maximum power (HP/kW/rpm)

Maximum torque (Nm/rpm)

Capacity (cc)

No. of cylinders/Valves per cylinder

Cylinder layout

Bore/stroke (mm)

Compression ratio (:1)

### FUEL ECONOMY - WLTP\*

WLTP Consumption	Low	mpg (l/100km)
	Medium	mpg (l/100km)
	High	mpg (l/100km)
	Extra High	mpg (l/100km)
	Combined	mpg (l/100km)

WLTP CO <sub>2</sub> Emissions	Combined	g/km
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### DIESEL MHEV

#### D300

■

Automatic

All Wheel Drive (AWD)

300 (221)/4,000

650/1,500 - 2,500

2,997

6/4

In-line

83/92.32

15.5

#### D350

■

Automatic

All Wheel Drive (AWD)

350 (258)/4,000

700/1,500 - 3,000

2,997

6/4

In-line

83/92.32

15.5

21.1 - 20.1 (13.4 - 14.1)

35.7 - 33.0 (7.9 - 8.6)

40.6 - 36.8 (7.0 - 7.7)

33.2 - 30.6 (8.5 - 9.2)

33.0 - 30.5 (8.6 - 9.3)

225 - 243

19.1 - 18.5 (14.8 - 15.3)

33.3 - 31.8 (8.5 - 8.9)

37.7 - 34.7 (7.5 - 8.2)

31.8 - 29.4 (8.9 - 9.6)

30.8 - 28.9 (9.2 - 9.8)

241 - 256

■ Standard.

\*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 lowest figures refer to the most economical/lightest set of options. The highest figures refer to the least economical/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 – SWB

	DIESEL MHEV	
	D300	D350
<b>FUEL ECONOMY - continued</b>		
Fuel tank capacity - useable litres	86	86
Selective Catalytic Reduction Filter/ Gasoline Particulate Filter (SCR/F/GPF)	■	■
<b>PERFORMANCE</b>		
Acceleration (secs) 0-60mph (0-100 km/h)	7.1 (7.4)	6.8 (7.1)
Maximum speed mph (km/h)	130 (209)	140 (225)
<b>BRAKES</b>		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	363	380
Rear type	Ventilated disc	Ventilated disc
Rear diameter (mm)	350	365
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	
<b>WEIGHTS (kg)*</b>		
Unladen weight (EU)**	2,350	2,350
Unladen weight (DIN)†	2,275	2,275
Gross Vehicle Weight (GVW)	3,150	3,150
<b>TOWING (kg)</b>		
Unbraked trailer	750	750
Maximum towing	3,500	3,500
Maximum coupling point (nose weight)	150	150
Maximum vehicle and trailer combination	6,650	6,650
<b>ROOF CARRYING (kg)</b>		
Maximum roof load (including cross bars)	100	100

■ Standard.

\*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.

## ENGINES – SWB

<b>POWERTRAIN</b>			<b>PETROL PHEV</b>	<b>PETROL MHEV</b>
			<b>P400e</b>	<b>P400</b>
Mild Hybrid Electric Vehicle (MHEV)			-	■
Transmission			Automatic	Automatic
Driveline			All Wheel Drive (AWD)	All Wheel Drive (AWD)
Maximum power (HP/kW/rpm)			404 (297)/5,500*	400 (294)/5,500 - 6,500
Maximum torque (Nm/rpm)			640/1,500 - 4,000	550/2,000 - 5,000
Capacity (cc)			1,997	2,996
No, of cylinders/Valves per cylinder			4/4	6/4
Cylinder layout			In-line	In-line
Bore/stroke (mm)			83/92.29	83/92.29
Compression ratio (:1)			9.5	10.5
<b>FUEL ECONOMY - WLTP**</b>				
EV Range (EAER)	Combined	miles (km)	25 - 24 (40 - 39)	-
	Low	mpg (l/100km)	-	18.2 - 17.4 (15.5 - 16.2)
	Medium	mpg (l/100km)	-	27.4 - 25.8 (10.3 - 11.0)
	High	mpg (l/100km)	-	32.2 - 30.0 (8.8 - 9.4)
	Extra High	mpg (l/100km)	-	27.0 - 25.2 (10.5 - 11.2)
	Combined	mpg (l/100km)	84.8 - 73.0 (3.3 - 3.9)	26.7 - 25.0 (10.6 - 11.3)
WLTP CO <sub>2</sub> Emissions	Combined	g/km	75 - 87	240 - 256

■ 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 lowest figures refer to the most economical/lightest set of options. The highest figures refer to the least economical/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 – SWB

	PETROL PHEV	PETROL MHEV
	P400e	P400
<b>FUEL ECONOMY - continued</b>		
Fuel tank capacity - useable litres	91	104
Selective Catalytic Reduction Filter/ Gasoline Particulate Filter (SCR/F/GPF)	■	■
<b>PERFORMANCE</b>		
Acceleration (secs) 0-60mph (0-100 km/h)	6.0 (6.4)	5.9 (6.3)
Maximum speed mph (km/h)	137 (220)	140 (225)
<b>ELECTRIC MOTOR DATA</b>		
Maximum Power HP (kW)	143 (105)	-
Maximum Torque (Nm)	275	-
<b>BRAKES</b>		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	380	380
Rear type	Ventilated disc	Ventilated disc
Rear diameter (mm)	365	365
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	
<b>WEIGHTS (kg)*</b>		
Unladen weight (EU)**	2,577	2,342
Unladen weight (DIN)†	2,502	2,267
Gross Vehicle Weight (GVW)	3,210	3,140
<b>TOWING (kg)</b>		
Unbraked trailer	750	750
Maximum towing	2,500	3,500
Maximum coupling point (nose weight)	100	150
Maximum vehicle and trailer combination	5,710	6,640
<b>ROOF CARRYING (kg)</b>		
Maximum roof load (including cross bars)	100	100

■ Standard - Not Available.

\*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.

## ENGINES – SWB

<b>POWERTRAIN</b>			<b>PETROL</b>	
			<b>P525</b>	<b>P565</b>
Transmission			Automatic	Automatic
Driveline			All Wheel Drive (AWD)	All Wheel Drive (AWD)
Maximum power (HP/kW/rpm)			525 (386)/6,000 - 6,500	565 (416)/6,000 - 6,500
Maximum torque (Nm/rpm)			625/2,500 - 5,500	700/3,500 - 5,000
Capacity (cc)			5,000	5,000
No, of cylinders/Valves per cylinder			8/4	8/4
Cylinder layout			Longitudinal V	Longitudinal V
Bore/stroke (mm)			92.5/93	92.5/93
Compression ratio (:1)			9.5	9.5
<b>FUEL ECONOMY - WLTP*</b>				
WLTP Consumption	Low	mpg (l/100km)	13.5 - 12.6 (21.0 - 22.5)	12.3 (22.9)
	Medium	mpg (l/100km)	20.4 - 19.2 (13.8 - 14.7)	18.9 (15.0)
	High	mpg (l/100km)	23.8 - 22.6 (11.9 - 12.5)	22.2 (12.7)
	Extra High	mpg (l/100km)	22.1 - 21.0 (12.8 - 13.4)	20.4 (13.8)
	Combined	mpg (l/100km)	20.5 - 19.3 (13.8 - 14.6)	18.9 (14.9)
WLTP CO <sub>2</sub> Emissions	Combined	g/km	311 - 330	342

\*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 lowest figures refer to the most economical/lightest set of options. The highest figures refer to the least economical/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 – SWB

	PETROL	
	P525	P565
<b>FUEL ECONOMY - continued</b>		
Fuel tank capacity - useable litres	104	104
Selective Catalytic Reduction Filter/ Gasoline Particulate Filter (SCR/F/GPF)	■	■
<b>PERFORMANCE</b>		
Acceleration (secs) 0-60mph (0-100 km/h)	5.1 (5.4)	5.1 (5.4)
Maximum speed mph (km/h)	140/155* (225/250*)	140/155* (225/250*)
<b>BRAKES</b>		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	380	380
Rear type	Ventilated disc	Ventilated disc
Rear diameter (mm)	365	365
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	
<b>WEIGHTS (kg)**</b>		
Unladen weight (EU) <sup>†</sup>	2,450	2,591
Unladen weight (DIN) <sup>††</sup>	2,375	2,516
Gross Vehicle Weight (GVW)	3,160	3,160
<b>TOWING (kg)</b>		
Unbraked trailer	750	750
Maximum towing	3,500	3,500
Maximum coupling point (nose weight)	150	150
Maximum vehicle and trailer combination	6,660	6,660
<b>ROOF CARRYING (kg)</b>		
Maximum roof load (including cross bars)	100	100

\*With 22" wheel.

\*\*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.

## ENGINES – LWB

### POWERTRAIN

Mild Hybrid Electric Vehicle (MHEV)

Transmission

Driveline

Maximum power (HP/kW/rpm)

Maximum torque (Nm/rpm)

Capacity (cc)

No. of cylinders/Valves per cylinder

Cylinder layout

Bore/stroke (mm)

Compression ratio (:1)

### FUEL ECONOMY - WLTP\*

WLTP Consumption	Low	mpg (l/100km)
	Medium	mpg (l/100km)
	High	mpg (l/100km)
	Extra High	mpg (l/100km)
	Combined	mpg (l/100km)
WLTP CO <sub>2</sub> Emissions	Combined	g/km

DIESEL MHEV	
D350	
■	
Automatic	
All Wheel Drive (AWD)	
350 (258)/4,000	
700/1,500 - 3,000	
2,997	
6/4	
In-line	
83/92.32	
15.5	
19.0 - 18.5 (14.9 - 15.3)	
33.0 - 31.6 (8.6 - 8.9)	
37.1 - 34.2 (7.6 - 8.3)	
31.3 - 29.0 (9.0 - 9.7)	
30.4 - 28.7 (9.3 - 9.9)	
244 - 259	

■ Standard.

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## TECHNICAL SPECIFICATION – LWB

### FUEL ECONOMY - continued

Fuel tank capacity - useable litres

Selective Catalytic Reduction Filter/  
Gasoline Particulate Filter (SCR/GPF)

### PERFORMANCE

Acceleration (secs) 0-60mph (0-100 km/h)

Maximum speed mph (km/h)

### BRAKES

Front type

Front diameter (mm)

Rear type

Rear diameter (mm)

Park Brake

### WEIGHTS (kg)\*

Unladen weight (EU)\*\*

Unladen weight (DIN)†

Gross Vehicle Weight (GVW)

### TOWING (kg)

Unbraked trailer

Maximum towing

Maximum coupling point (nose weight)

Maximum vehicle and trailer combination

### ROOF CARRYING (kg)

Maximum roof load (including cross bars)

### DIESEL MHEV

#### D350

86

■

6.9 (7.2)

140 (225)

Ventilated disc

380

Ventilated disc

365

Electric Park Brake (EPB) integrated into brake caliper

2,518

2,443

3,210

750

3,500

150

6,710

100

■ Standard.

\*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.

## ENGINES – LWB

<b>POWERTRAIN</b>			<b>PETROL PHEV</b>	<b>PETROL MHEV</b>
			<b>P400e</b>	<b>P400</b>
Mild Hybrid Electric Vehicle (MHEV)			-	■
Transmission			Automatic	Automatic
Driveline			All Wheel Drive (AWD)	All Wheel Drive (AWD)
Maximum power (HP/kW/rpm)			404 (297)/5,500*	400 (294)/5,500 - 6,500
Maximum torque (Nm/rpm)			640/1,500 - 4,000	550/2,000 - 5,000
Capacity (cc)			1,997	2,996
No, of cylinders/Valves per cylinder			4/4	6/4
Cylinder layout			In-line	In-line
Bore/stroke (mm)			83/92.29	83/92.29
Compression ratio (:1)			9.5	10.5
<b>FUEL ECONOMY - WLTP**</b>				
EV Range (EAER)	Combined	miles (km)	25 - 24 (40 - 39)	-
WLTP Consumption	Low	mpg (l/100km)	-	18.0 - 17.4 (15.7 - 16.3)
	Medium	mpg (l/100km)	-	26.8 - 25.6 (10.5 - 11.0)
	High	mpg (l/100km)	-	31.5 - 29.7 (9.0 - 9.5)
	Extra High	mpg (l/100km)	-	26.4 - 24.8 (10.7 - 11.4)
	Combined	mpg (l/100km)	81.4 - 69.9 (3.5 - 4.0)	26.1 - 24.8 (10.8 - 11.4)
WLTP CO <sub>2</sub> Emissions	Combined	g/km	78 - 91	245 - 258

■ Standard - Not Available.

\*When combined with electric motor.  
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## TECHNICAL SPECIFICATION – LWB

	PETROL PHEV	PETROL MHEV
	P400e	P400
<b>FUEL ECONOMY - continued</b>		
Fuel tank capacity - useable litres	91	104
Selective Catalytic Reduction Filter/ Gasoline Particulate Filter (SCR/F/GPF)	■	■
<b>PERFORMANCE</b>		
Acceleration (secs) 0-60mph (0-100 km/h)	6.2 (6.5)	6.1 (6.5)
Maximum speed mph (km/h)	137 (220)	140 (225)
<b>ELECTRIC MOTOR DATA</b>		
Maximum Power HP (kW)	143 (105)	-
Maximum Torque (Nm)	275	-
<b>BRAKES</b>		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	380	380
Rear type	Ventilated disc	Ventilated disc
Rear diameter (mm)	365	365
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	
<b>WEIGHTS (kg)*</b>		
Unladen weight (EU)**	2,671	2,450
Unladen weight (DIN)†	2,596	2,375
Gross Vehicle Weight (GVW)	3,250	3,170
<b>TOWING (kg)</b>		
Unbraked trailer	750	750
Maximum towing	2,500	3,500
Maximum coupling point (nose weight)	100	150
Maximum vehicle and trailer combination	5,750	6,670
<b>ROOF CARRYING (kg)</b>		
Maximum roof load (including cross bars)	100	100

■ Standard - Not Available.

\*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.

## ENGINES – LWB

### POWERTRAIN

Transmission
Driveline
Maximum power (HP/kW/rpm)
Maximum torque (Nm/rpm)
Capacity (cc)
No, of cylinders/Valves per cylinder
Cylinder layout
Bore/stroke (mm)
Compression ratio (:1)

### FUEL ECONOMY - WLTP\*

WLTP Consumption	Low	mpg (l/100km)
	Medium	mpg (l/100km)
	High	mpg (l/100km)
	Extra High	mpg (l/100km)
	Combined	mpg (l/100km)
WLTP CO <sub>2</sub> Emissions	Combined	g/km

PETROL	
P525	P565
Automatic	Automatic
All Wheel Drive (AWD)	All Wheel Drive (AWD)
525 (386)/6,000 - 6,500	565 (416)/6,000 - 6,500
625/2,500 - 5,500	700/3,500 - 5,000
5,000	5,000
8/4	8/4
Longitudinal V	Longitudinal V
92.5/93	92.5/93
9.5	9.5
13.3 - 12.4 (21.3 - 22.7)	12.6 (22.4)
20.1 - 19.1 (14.0 - 14.8)	18.5 (15.3)
23.6 - 22.4 (12.0 - 12.6)	21.6 (13.1)
21.9 - 20.8 (12.9 - 13.6)	19.9 (14.2)
20.2 - 19.2 (14.0 - 14.7)	18.6 (15.2)
315- 333	342

\*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 lowest figures refer to the most economical/lightest set of options. The highest figures refer to the least economical/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 – LWB

	PETROL	
	P525	P565
<b>FUEL ECONOMY - continued</b>		
Fuel tank capacity - useable litres	104	104
Selective Catalytic Reduction Filter/ Gasoline Particulate Filter (SCR/F/GPF)	■	■
<b>PERFORMANCE</b>		
Acceleration (secs) 0-60mph (0-100 km/h)	5.2 (5.5)	5.2 (5.2)
Maximum speed mph (km/h)	140/155* (225/250*)	140/155* (225/250*)
<b>BRAKES</b>		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	380	380
Rear type	Ventilated disc	Ventilated disc
Rear diameter (mm)	365	365
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	
<b>WEIGHTS (kg)**</b>		
Unladen weight (EU) <sup>†</sup>	2,518	2,673
Unladen weight (DIN) <sup>††</sup>	2,443	2,598
Gross Vehicle Weight (GVW)	3,200	3,200
<b>TOWING (kg)</b>		
Unbraked trailer	750	750
Maximum towing	3,500	3,500
Maximum coupling point (nose weight)	150	150
Maximum vehicle and trailer combination	6,700	6,700
<b>ROOF CARRYING (kg)</b>		
Maximum roof load (including cross bars)	100	100

■ Standard.

\*With 22" wheel.

\*\*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.

# DIMENSIONS AND CAPABILITIES

## 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\*\* 1,694/1,990 litres, Wet† 2,190/2,470 litres  
Maximum loadspace volume behind second row  
Dry\*\* 707 litres, Wet† 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

\*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 deg entry and exit) 750mm, Deep Fording depth (9 deg entry and exit) 900mm.

Figures shown may differ for P565 - 5.0L V8 Supercharged.

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

## OBSTACLE CLEARANCE

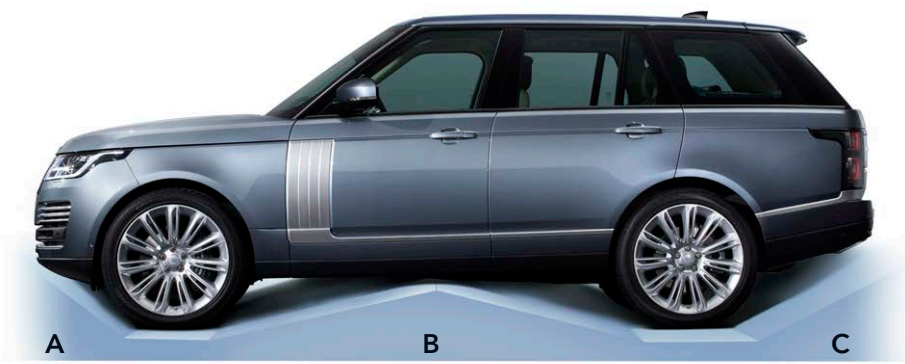
Off-road height 297mm  
Standard ride height 220mm

## 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

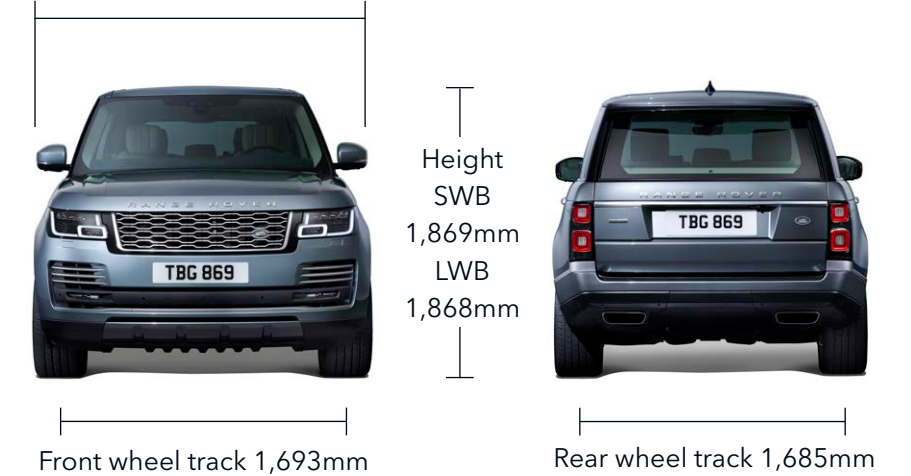
Maximum wading depth 900mm††



	A	B	C
Ride Height	Approach Angle	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°

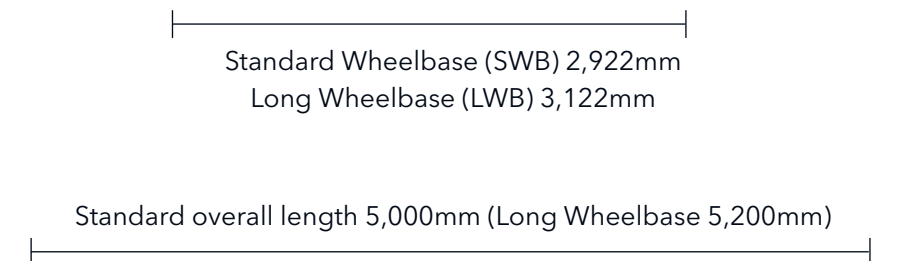


Width 2,073mm mirrors folded  
Width 2,220mm mirrors out



Front wheel track 1,693mm

Rear wheel track 1,685mm



Standard Wheelbase (SWB) 2,922mm  
Long Wheelbase (LWB) 3,122mm

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

