

TECHNICAL SPECIFICATION 2022 THE NEW RANGE ROVER



ABOVE & BEYOND



ENGINES AND TECHNICAL SPECIFICATION

Range Rover 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.

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STANDARD WHEELBASE

View the available powertrains, their fuel economy and specifications.

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LONG WHEELBASE / LONG WHEELBASE SEVEN SEATS

View the available powertrains, their fuel economy and specifications.

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DIMENSIONS AND CAPABILITIES

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

THE NEW RANGE ROVER STANDARD WHEELBASE

			DIESEL MHEV		PETROL MHEV
POWERTRAIN			D300	D350	P400
Mild Hybrid Electric Vehicle (MHEV)			■	■	■
Transmission			Automatic	Automatic	Automatic
Driveline			All Wheel Drive (AWD)	All Wheel Drive (AWD)	All Wheel Drive (AWD)
Maximum power (HP (kW)/rpm)			300 (221)/4,000	350 (258)/4,000	400 (294)/5,500-6,500
Maximum torque (Nm/rpm)			650/1,500-2,500	700/1,500-3,000	550/2,000-5,000
Capacity (cc)			2,997	2,997	2,996
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	83/92.29
Compression ratio (:1)			15.5	15.5	10.5
FUEL ECONOMY – WLTP*					
WLTP Consumption	Low	mpg (l/100km)	24.8 - 22.1 (11.4 - 12.8)	25.0 - 21.7 (11.3 - 13.0)	19.9 - 19.2 (14.2 - 14.7)
	Medium	mpg (l/100km)	36.2 - 34.4 (7.8 - 8.2)	36.2 - 34.4 (7.8 - 8.2)	29.7 - 28.0 (9.5 - 10.1)
	High	mpg (l/100km)	47.1 - 43.5 (6.0 - 6.5)	47.1 - 43.5 (6.0 - 6.5)	35.8 - 33.2 (7.9 - 8.5)
	Extra High	mpg (l/100km)	38.7 - 35.3 (7.3 - 8.0)	38.7 - 35.3 (7.3 - 8.0)	31.0 - 28.2 (9.1 - 10.0)
	Combined	mpg (l/100km)	37.2 - 34.4 (7.6 - 8.2)	37.2 - 34.0 (7.6 - 8.3)	29.7 - 27.7 (9.5 - 10.2)
WLTP CO ₂ Emissions	Combined	g/km	198 - 215	198 - 217	215 - 230
Fuel tank capacity - useable litres			80	80	90
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 STANDARD WHEELBASE

	DIESEL MHEV		PETROL MHEV
PERFORMANCE	D300	D350	P400
Acceleration (secs) 0-60mph (0-100km/h) with Dynamic Launch	6.5 (6.9)	5.8 (6.1)	5.5 (5.8)
Maximum speed mph (km/h)	135 (218)	145 (234)	150 (242)
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	
WEIGHTS (kg)*			
Unladen weight (EU)**	2,505	2,505	2,454
Unladen weight (DIN)†	2,430	2,430	2,379
Gross Vehicle Weight (GVW)	3,350	3,350	3,350
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	6,850	6,850	6,850
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.

THE NEW RANGE ROVER STANDARD WHEELBASE

			PETROL PHEV		PETROL V8
POWERTRAIN			P440e	P510e	P530
Plug-in Hybrid Electric Vehicle (PHEV)			■	■	-
Transmission			Automatic	Automatic	Automatic
Driveline			All Wheel Drive (AWD)	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*	530 (390)/5,500-6,000
Maximum torque (Nm/rpm)			620/1,500-5,000	700/1,500-5,000	750/1,800-4,600
Capacity (cc)			2,996	2,996	4,395
No. of cylinders/Valves per cylinder			6/4	6/4	8/4
Cylinder layout			In-line	In-line	Longitudinal V
Bore/stroke (mm)			83/92.29	83/92.29	89/88.3
Compression ratio (:1)			10.5	10.5	10.5
FUEL ECONOMY – WLTP**					
EV Range (eAER)	Combined	miles (km)	Up to 70 (113)	Up to 70 (113)	-
	Low	mpg (l/100km)	-	-	14.7 - 14.3 (19.2 - 19.8)
	Medium	mpg (l/100km)	-	-	25.4 - 23.7 (11.1 - 11.9)
	High	mpg (l/100km)	-	-	30.4 - 29.1 (9.3 - 9.7)
	Extra High	mpg (l/100km)	-	-	26.9 - 25.9 (10.5 - 10.9)
	Combined	mpg (l/100km)	353.1 - 313.9 (0.8 - 0.9)	353.1 - 313.9 (0.8 - 0.9)	24.8 - 23.7 (11.4 - 11.9)
WLTP CO ₂ Emissions		g/km	18 - 21	18 - 21	259 - 270
Fuel tank capacity - useable litres			71.5	71.5	90
Selective Catalytic Reduction Filter/Gasoline Particulate Filter (SCRF/GPF)			■	■	■

■ Standard - Not Available.

*When combined with electric motor. **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 STANDARD WHEELBASE

	PETROL PHEV		PETROL V8
PERFORMANCE	P440e	P510e	P530
Acceleration (secs) 0-60 mph (0-100 km/h)	5.7 (6.0)	5.2 (5.5)	-
Acceleration (secs) 0-60 mph (0-100 km/h) with Dynamic Launch	-	-	4.4 (4.6)
Maximum speed mph (km/h)	140 (225)	150 (242)	155 (250)
BATTERY AND CHARGING TIMES			
Battery capacity total (Usable) kWh	38.2 (31.8)	38.2 (31.8)	-
Home Charger/Wall box 7kW	5 hours to 100%	5 hours to 100%	-
DC Charger 50kW	40 mins to 80%	40 mins to 80%	-
Domestic Plug	15 hours to 100%	15 hours to 100%	-
Charging cable length (m)	5	5	-
ELECTRIC MOTOR DATA			
Maximum Power HP (kW)	142 (105)	142 (105)	-
Maximum Torque (Nm)	275	275	-
BRAKES			
Front type	Ventilated disc	Ventilated disc	Ventilated disc
Front diameter (mm)	400	400	400
Rear type	Ventilated disc	Ventilated disc	Ventilated disc
Rear diameter (mm)	370	370	370
Park Brake		Electric Park Brake (EPB) integrated into brake caliper	
WEIGHTS (kg)*			
Unladen weight (EU)**	2,770	2,810	2,585
Unladen weight (DIN)†	2,695	2,735	2,510
Gross Vehicle Weight (GVW)	3,450	3,450	3,350
TOWING (kg)			
Unbraked trailer	750	750	750
Maximum towing	2,500	2,500	3,500
Maximum coupling point (nose weight)	150	150	150
Maximum vehicle and trailer combination	5,950	5,950	6,850
ROOF CARRYING (kg)			
Maximum roof load (including cross bars)	100	100	100

- 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.

THE NEW RANGE ROVER LONG WHEELBASE / LONG WHEELBASE SEVEN SEATS

POWERTRAIN			DIESEL MHEV		PETROL MHEV	
Mild Hybrid Electric Vehicle (MHEV)			D350		P400	
Transmission			■		■	
Driveline			Automatic		Automatic	
Maximum power (HP (kW)/rpm)			All Wheel Drive (AWD)		All Wheel Drive (AWD)	
Maximum torque (Nm/rpm)			350 (258)/4,000		400 (294)/5,500-6,500	
Capacity (cc)			700/1,500-3,000		550/2,000-5,000	
No. of cylinders/Valves per cylinder			2,997		2,996	
Cylinder layout			6/4		6/4	
Bore/stroke (mm)			In-line		In-line	
Compression ratio (:1)			83/92.31		83/92.29	
FUEL ECONOMY – WLTP*			15.5		10.5	
Seating			5/7		5/7	
WLTP Consumption	Low	mpg (l/100km)	24.4 - 21.6 (11.6 - 13.1)/23.5 - 21.7 (12.0 - 13.0)		19.9 - 19.2 (14.2 - 14.7)/19.6 - 19.2 (14.4 - 14.7)	
	Medium	mpg (l/100km)	35.8 - 34.4 (7.9 - 8.2)/35.3 - 34.4 (8.0 - 8.2)		29.4 - 27.7 (9.6 - 10.2)/29.1 - 28.0 (9.7 - 10.1)	
	High	mpg (l/100km)	46.3 - 43.5 (6.1 - 6.5)/46.3 - 43.5 (6.1 - 6.5)		35.3 - 33.2 (8.0 - 8.5)/34.9 - 33.2 (8.1 - 8.5)	
	Extra High	mpg (l/100km)	38.2 - 34.9 (7.4 - 8.1)/37.7 - 34.9 (7.5 - 8.1)		30.7 - 28.0 (9.2 - 10.1)/30.4 - 28.2 (9.3 - 10.0)	
	Combined	mpg (l/100km)	37.2 - 34.0 (7.6 - 8.3)/36.2 - 34.0 (7.8 - 8.3)		29.4 - 27.7 (9.6 - 10.2)/29.1 - 27.7 (9.7 - 10.2)	
WLTP CO ₂ Emissions	Combined	g/km	200 - 218/204 - 217		217 - 232/219 - 231	
Fuel tank capacity - useable litres			80		90	
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 LONG WHEELBASE / LONG WHEELBASE SEVEN SEATS

	DIESEL MHEV	PETROL MHEV
PERFORMANCE	D350	P400
Seating	5/7	5/7
Acceleration (secs) 0-60mph (0-100km/h) with Dynamic Launch engaged	5.9 (6.3)/6.1 (6.4)	5.6 (5.9)/5.8 (6.1)
Maximum speed mph (km/h)	145 (234)	150 (242)
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)*		
Seating	5/7	5/7
Unladen weight (EU)**	2,569/2,666	2,519/2,616
Unladen weight (DIN)†	2,494/2,591	2,444/2,541
Gross Vehicle Weight (GVW)	3,350/3,400	3,350/3,400
TOWING (kg)		
Seating	5/7	5/7
Unbraked trailer	750	750
Maximum towing	3,500	3,500
Maximum coupling point (nose weight)	150	150
Maximum vehicle and trailer combination	6,850/6,900	6,850/6,860
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.

THE NEW RANGE ROVER LONG WHEELBASE / LONG WHEELBASE SEVEN SEATS

POWERTRAIN			PETROL PHEV		PETROL V8	
			P440e		P530	
Mild Hybrid Electric Vehicle (MHEV)			■		-	
Transmission			Automatic		Automatic	
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)	
Maximum power (HP (kW)/rpm)			440 (324)/5,500-6,500*		530 (390)/5,500-6,000	
Maximum torque (Nm/rpm)			620/1,500-5,000		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**						
Seating			5		5/7	
EV Range (eAER)			Up to 70 (113)		-	
WLTP Consumption	Combined	miles (km)	-		14.7 - 14.3 (19.2 - 19.8)/14.5 - 14.3 (19.5 - 19.8)	
	Low	mpg (l/100km)	-		25.2 - 23.5 (11.2 - 12.0)/24.6 - 23.5 (11.5 - 12.0)	
	Medium	mpg (l/100km)	-		30.4 - 28.8 (9.3 - 9.8)/29.7 - 28.8 (9.5 - 9.8)	
	High	mpg (l/100km)	-		26.6 - 25.7 (10.6 - 11.0)/26.6 - 25.7 (10.6 - 11.0)	
	Extra High	mpg (l/100km)	-		24.6 - 23.5 (11.5 - 12.0)/24.4 - 23.5 (11.6 - 12.0)	
WLTP CO ₂ Emissions			353.1 - 313.9 (0.8 - 0.9)		261 - 272/264 - 272	
Fuel tank capacity – useable litres			18-21		90	
Selective Catalytic Reduction Filter/Gasoline Particulate Filter (SCRF/GPF)			71.5		■	
			■		■	

■ Standard – Not Available.

*When combined with electric motor. **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 LONG WHEELBASE / LONG WHEELBASE SEVEN SEATS

	PETROL PHEV	PETROL V8
PERFORMANCE	P440e	P530
Seating	5	5/7
Acceleration (secs) 0-60mph (0-100km/h)	5.7 (6.0)	-
Acceleration (secs) 0-60mph (0-100km/h) with Dynamic Launch	-	4.5 (4.7)/4.6 (4.8)
Maximum speed mph (km/h)	140 (225)	155 (250)
BATTERY AND CHARGING TIMES		
Battery capacity total (Usable) kWh	38.2 (31.8)	-
Home Charger/Wall box 7kW	5 hours to 100%	-
DC Charger 50kW	40 mins to 80%	-
Domestic Plug	15 hours to 100%	-
Charging cable length (m)	5	-
ELECTRIC MOTOR DATA		
Maximum Power HP (kW)	142 (105)	-
Maximum Torque (Nm)	275	-
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)*		
Seating	5	5/7
Unladen weight (EU)**	2,810	2,626/2,725
Unladen weight (DIN)†	2,735	2,551/2,650
Gross Vehicle Weight (GVW)	3,450	3,350/3,430
TOWING (kg)		
Seating	5	5/7
Unbraked trailer	750	750
Maximum towing	2,500	3,500
Maximum coupling point (nose weight)	150	150
Maximum vehicle and trailer combination	3,450	6,850/6,930
ROOF CARRYING (kg)		
Maximum roof load (including cross bars)	100	100

- Not Available.

*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.

THE NEW RANGE ROVER DIMENSIONS AND CAPABILITIES

VEHICLE HEIGHT

Maximum height 1,870 mm

OBSTACLE CLEARANCE

Off-road height (SWB/LWB) 295 mm/294 mm
Standard ride height 219 mm

TURNING CIRCLE

Kerb-to-kerb (SWB/LWB) 10.95 m/11.54 m
Wall-to-wall (SWB/LWB) 11.37 m/11.96 m
Turns lock-to-lock 2.78

WADING DEPTH

Maximum wading depth 900 mm*

HEADROOM

Maximum front row headroom 999 mm
Maximum second row headroom (SWB/LWB/LWB 7 Seats)
996.5 mm/978.3 mm/1,005 mm
Maximum third row headroom (LWB 7 Seats) 909 mm

LEGROOM

Maximum front row legroom (SWB/LWB/LWB 7 Seats)
1,013 mm/1,014 mm/1,014 mm
Maximum second row legroom (SWB/LWB/LWB 7 Seats)
1,027 mm/1,220 mm/1,027 mm
Maximum third row legroom (LWB 7 Seats) 864 mm

LOADSPACE CAPACITY**

Height 845.8 mm
Width (SWB/LWB/LWB 7 Seats) 1,444 mm/1,444 mm/1,255 mm
Width between arches (SWB/LWB/LWB 7 Seats)
1,057.3 mm/1,057 mm/1,059 mm
Length behind first row (SWB/LWB/LWB 7 Seats)
1,975.5 mm/2,165 mm/2,175 mm
Maximum loadspace volume behind first row
(SWB/LWB/LWB 7 Seats)
Dry† 1,841/2,176/2,050 litres
Wet†† 2,335/2,727.6/2,601 litres

Length behind second row (SWB/LWB/LWB 7 Seats)
1,092.6 mm/1,093 mm/1,286 mm

Maximum loadspace volume behind second row
(SWB/LWB/LWB 7 Seats)
Dry† 818/818/857 litres
Wet†† 1,050/1,050/1,061 litres

Length behind third row (LWB 7 Seats) 434 mm

Maximum loadspace volume behind third row (LWB 7 Seats)
Dry† 212 litres
Wet†† 312 litres

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



Front wheel track 1,702.3 mm

Height
1,870 mm

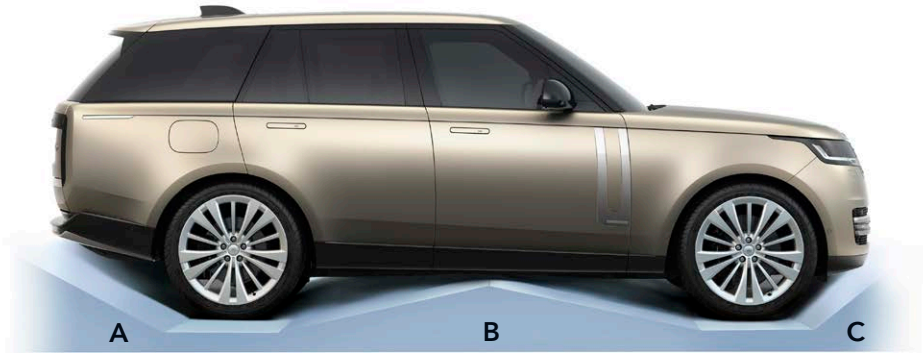


Rear wheel track 1,704.3 mm



Wheelbase (SWB/LWB/LWB 7 Seats)
2,997 mm/3,197 mm/3,197 mm

Standard overall length (SWB/LWB/LWB 7 Seats)
5,052 mm/5,252 mm/5,252 mm



	A	B	C
Ride Height	Departure Angle	Ramp Angle (SWB/LWB/LWB 7 Seats)	Approach Angle
Off-road	29.0°	27.7°/25.2°/25.2°	34.7°
Standard	24.5°	21.4°/20.1°/20.1°	26.1°



*Wading depth (25 deg entry and exit) 750 mm, Deep Fording depth (9 deg entry and exit) 900 mm.
**Rear loadspace is reduced when Rear Executive Class seating is selected. Please contact your local retailer for more detail. †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. Please note: Figures relate to Standard Wheelbase (SWB), Long Wheelbase (LWB), and Long Wheelbase Seven Seats (LWB 7 Seats) models unless stated. Figures shown may also differ for PHEV or SV models.