

RANGE ROVER SPORT

TECHNICAL SPECIFICATION

2020



ABOVE & BEYOND



ENGINES

You can select from a choice of diesel or petrol engines. These engines are designed for clean and efficient combustion and are all equipped with Stop/Start technology and smart regenerative solutions to capture wasted kinetic energy when the vehicle is decelerating and reduce fuel consumption, especially during urban driving.

Configure your Range Rover Sport at landrover.co.uk

TECHNICAL SPECIFICATION

POWERTRAIN			DIESEL						
			3,0L SDV6			4,4L SDV8			
Mild Hybrid Electric Vehicle (MHEV)			-			-			
Transmission			Automatic			Automatic			
Driveline			All Wheel Drive (AWD)			All Wheel Drive (AWD)			
Maximum power PS(kW)/rpm			249 (183)/3.500 - 4.250			306 (225)/3.750			
Maximum torque (Nm/rpm)			600/1.500 - 2.500			700/1.500 - 1.750			
Capacity (cc)			2.993			4.367			
No. of cylinders/Valves per cylinder			6/4			8/4			
Cylinder layout			Longitudinal V			Longitudinal V			
Bore/stroke (mm)			84/90			84/90			
Compression ratio (:1)			16,1			16,1			
FUEL ECONOMY - NEDC EQUIVALENT (NEDC2)*			Class A		Class B		Class C		
NEDC2 Consumption	Urban	l/100km (mpg)	8,6 (32,8)	8,8 (32,1)	8,6 (32,8)	8,8 (32,1)	9,2 (30,7)	11,7 (24,1)	12,1 (23,3)
	Extra Urban	l/100km (mpg)	6,7 (42,2)	6,8 (41,5)	6,7 (42,2)	6,9 (40,9)	6,9 (40,9)	7,7 (36,7)	7,8 (36,2)
	Combined	l/100km (mpg)	7,4 (38,2)	7,5 (37,7)	7,4 (38,2)	7,6 (37,2)	7,7 (36,7)	9,2 (30,7)	9,4 (30,1)
NEDC2 CO ₂ Emissions	Urban	(g/km)	227	231	227	231	244	309	318
	Extra Urban	(g/km)	176	180	177	181	181	203	206
	Combined	(g/km)	195	199	195	199	204	242	248
FUEL ECONOMY - WLTP**			TEL - TEH [†]		TEL - TEH ^{††}		TEL - TEH [†]		
WLTP Consumption	Low	l/100km (mpg)	11,8 - 12,5 (24,0 - 22,6)		11,7 - 12,6 (24,1 - 22,5)		15,6 - 16,0 (18,1 - 17,7)		
	Medium	l/100km (mpg)	8,8 - 9,8 (32,1 - 28,8)		8,8 - 9,9 (32,2 - 28,4)		10,4 - 11,4 (27,3 - 24,9)		
	High	l/100km (mpg)	7,6 - 8,3 (37,2 - 34,0)		7,6 - 8,4 (37,2 - 33,6)		9,2 - 9,5 (30,6 - 29,8)		
	Extra High	l/100km (mpg)	8,9 - 9,7 (31,8 - 29,1)		8,9 - 9,8 (31,7 - 28,9)		9,7 - 10,4 (29,1 - 27,0)		
	Combined	l/100km (mpg)	8,8 - 9,7 (32,0 - 29,3)		8,8 - 9,8 (32,0 - 29,0)		10,5 - 11,1 (27,0 - 25,5)		
WLTP CO ₂ Emissions	Low	(g/km)	309 - 328		308 - 330		409 - 420		
	Medium	(g/km)	231 - 257		230 - 261		272 - 298		
	High	(g/km)	199 - 218		199 - 220		242 - 249		
	Extra High	(g/km)	233 - 254		234 - 257		254 - 274		
	Combined	(g/km)	232 - 253		232 - 256		275 - 291		

■ Standard - Not Available.

Class A (20"-22" wheels with all season tyres), Class B (19" wheels and 22" wheels on SVR), Class C (21"-22" wheels with summer tyres and 21" all-season tyres on SVR).

*The figures provided are NEDC2 calculated from official manufacturer's WLTP tests in accordance with EU legislation. For comparison purposes only. Real-world figures may differ. CO₂ and fuel economy figures may vary according to wheel fitment and optional extras 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 be applied. **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

FUEL ECONOMY - CONTINUED	DIESEL		
	3,0L SDV6		4,4L SDV8
Fuel tank capacity - useable litres	86	86	86
Selective Catalytic Reduction Filter/Gasoline Particulate Filter (SCR/F/GPF)	■	■	■
PERFORMANCE			
Acceleration (secs) 0-100 km/h (0-60mph)	7,9 (7,6)	7,1 (6,8)	7,2 (6,7)
Maximum speed km/h (mph)	209 (130)	209/225 ^{††} (130/140 ^{††})	209/225 ^{††} (130/140 ^{††})
BRAKES			
Front type		Ventilated disc	
Front diameter (mm)	363	363	380
Rear type		Ventilated disc	
Rear diameter (mm)	350	350	365
Park Brake		Integrated into brake caliper	
WEIGHTS (kg)^{††}			
Unladen weight (EU) [‡]	2.245	2.245	2.510
Unladen weight (DIN) [§]	2.170	2.170	2.435
Gross Vehicle Weight 5 seat/5 + 2 seating (GVW)	3.050/3.200	3.050/3.200	3.200
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 (5 seat/5 + 2 Seating)	6.550/6.700	6.550/6.700	6.700
ROOF CARRYING (kg)			
Maximum roof load (including cross bars)	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. ^{††}Only available on Dynamic pack models. [‡]Figures shown are without Active Roll Control (ARC). Figures may vary with ARC fitted. [§]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.

TECHNICAL SPECIFICATION

			PETROL PHEV			PETROL							
			P400e	2,0L Si4	P360	P400	5,0L V8 SUPERCHARGED						
POWERTRAIN													
Mild Hybrid Electric Vehicle (MHEV)			-	-	■	■	-	-					
Transmission			Automatic	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)	All Wheel Drive (AWD)	All Wheel Drive (AWD)			
Maximum power PS (kW)/rpm			404 (297)/5.500†	300 (221)/5.500	360 (265)/5.500 - 6.500	400 (294)/5.500 - 6.500	525 (386)/6.000 - 6.500	575 (423)/6.000 - 6.500					
Maximum torque (Nm/rpm)			640/1.500 - 4.000	400/1.500 - 4.000	495/2.000 - 5.000	550/2.000 - 5.000	625/2.500 - 5.500	700/3.500 - 5.000					
Capacity (cc)			1.997,3	1.997,3	2.996	2.996	5.000	5.000					
No. of cylinders/Valves per cylinder			4/4	4/4	6/4	6/4	8/4	8/4					
Cylinder layout			In-line 4	In-line 4	Longitudinal I6	Longitudinal I6	Longitudinal V	Longitudinal V					
Bore/stroke (mm)			83/92	83/92	83/92	83/92	92,5/93	92,5/93					
Compression ratio (:1)			9,5	9,5	10,5	10,5	9,5	9,5					
FUEL ECONOMY - NEDC EQUIVALENT (NEDC2)*			Class A	Class A	Class B	Class B	Class A	Class A	Class C	Class B	Class C		
NEDC2 Consumption	Urban	l/100km (mpg)	-	11,9 (23,7)	12,0 (23,5)	11,6 (24,4)	11,7 (24,1)	17,3 (16,3)	17,8 (15,9)	17,2 (16,4)	17,2 (16,4)		
	Extra Urban	l/100km (mpg)	-	8,1 (34,9)	8,2 (34,4)	7,8 (36,2)	7,7 (36,7)	9,9 (28,5)	10,2 (27,7)	10,1 (28,0)	10,1 (28,0)		
	Combined	l/100km (mpg)	3,0 (94,2)	9,5 (29,7)	9,6 (29,4)	9,2 (30,7)	9,2 (30,7)	12,6 (22,4)	13,0 (21,7)	12,7 (22,2)	12,7 (22,2)		
NEDC2 CO ₂ Emissions	Urban	(g/km)	-	271	274	268	266	395	405	393	393		
	Extra Urban	(g/km)	-	185	187	181	176	227	232	230	230		
	Combined	(g/km)	69	217	219	213	209	288	295	290	290		
FUEL ECONOMY - WLTP**			TEL - TEH††	TEL - TEH††	TEL - TEH††	TEL - TEH††	TEL - TEH††	TEL - TEH††	TEL - TEH††	TEH††			
WLTP Consumption	Low	l/100km (mpg)	-	15,3 - 15,9 (18,5 - 17,8)	-	15,2 - 16,1 (18,6 - 17,6)	22,1 - 23,1 (12,8 - 12,2)	22,9 (12,3)					
	Medium	l/100km (mpg)	-	10,4 - 11,5 (27,1 - 24,6)	-	10,1 - 10,9 (28,1 - 25,9)	13,8 - 14,7 (20,5 - 19,2)	15,0 (18,9)					
	High	l/100km (mpg)	-	9,1 - 10,0 (31,2 - 28,4)	-	8,5 - 9,5 (33,1 - 29,8)	11,8 - 12,7 (23,9 - 22,2)	12,7 (22,2)					
	Extra High	l/100km (mpg)	-	10,9 - 12,0 (26,0 - 23,6)	-	10,2 - 11,5 (27,6 - 24,6)	13,0 - 13,9 (21,8 - 20,3)	13,8 (20,5)					
	Combined	l/100km (mpg)	3,3 - ,3,8 (86,9 - 75,3)	10,8 - 11,8 (26,1 - 24,0)	-	10,3 - 11,4 (27,4 - 24,9)	14,0 - 14,9 (20,2 - 18,9)	15,0 (18,9)					
WLTP CO ₂ Emissions	Low	(g/km)	-	346 - 359	-	345 - 365	498 - 521	521					
	Medium	(g/km)	-	236 - 260	-	228 - 247	310 - 332	340					
	High	(g/km)	-	205 - 225	-	193 - 215	266 - 286	288					
	Extra High	(g/km)	-	246 - 270	-	232 - 260	292 - 313	313					
	Combined	(g/km)	74 - 85	245 - 266	-	234 - 258	315 - 336	338					

■ Standard - Not Available.

Class A (20"-22" wheels with all season tyres), Class B (19" wheels and 22" wheels on SVR), Class C (21"-22" wheels with summer tyres and 21" all-season tyres on SVR).

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TECHNICAL SPECIFICATION

	PETROL PHEV			PETROL		
	P400e	2,0L Si4	P360	P400	5,0L V8 SUPERCHARGED	
FUEL ECONOMY - CONTINUED						
Fuel tank capacity - useable litres	91	104	104	104	104	104
Selective Catalytic Reduction Filter/ Gasoline Particulate Filter (SCR/F/GPF)	■	■	■	■	■	■
EV Range Class A Combined (NEDC2*) km/miles	50/31	-	-	-	-	-
EV Range TEL Combined (WLTP**) km/miles	41/26	-	-	-	-	-
PERFORMANCE						
Acceleration (secs) 0-100 km/h (0-60mph)	6,7 (6,3)	7,3 (7,0)	6,6 (6,2)	5,9 (5,6)	5,3 (5,0)	4,5 (4,3)
Maximum speed km/h (mph)	220 (137)	201 (125)	209 (130)	225 (140)	250/225 [†] (155/140 [†])	283 (176)
ELECTRIC MOTOR DATA						
Maximum Power PS (kW)	140,8 (105)	-	-	-	-	-
Maximum Torque (Nm)	275	-	-	-	-	-
BRAKES						
Front type	Ventilated disc			Ventilated disc		
Front diameter (mm)	380	349	380	380	380	380
Rear type	Ventilated disc			Ventilated disc		
Rear diameter (mm)	365	325	365	365	365	365
Park Brake	Integrated into brake caliper			Integrated into brake caliper		
WEIGHTS (kg)**						
Unladen weight (EU) ^Δ	2.539	2.151	2.285	2.285	2.390	2.377
Unladen weight (DIN) [§]	2.464	2.076	2.210	2.210	2.315	2.302
Gross Vehicle Weight 5 seat/5 + 2 seating (GVW)	3.200	2.900/3.000	3.050/3.175	3.050/3.175	3.100/3.250	3.000
TOWING (kg)						
Unbraked trailer	750	750	750	750	750	750
Maximum towing	2.500	3.000	3.500	3.500	3.500	3.000
Maximum coupling point (nose weight)	100	120	150	150	150	120
Maximum vehicle and trailer combination (5 seat/5 + 2 Seating)	5.700	5.900/6.000	6.550/6.675	6.550/6.675	6.600/6.750	6.000
ROOF CARRYING (kg)						
Maximum roof load (including cross bars)	100	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. [†]With optional 5 + 2 seating. ^{}Weights reflect vehicles to standard specifications. Optional extras increase weight. ^ΔIncludes a 75kg driver, full fluids and 90% fuel. [§]Includes full fluids and 90% fuel.

TECHNICAL DETAILS

DIMENSIONS AND CAPABILITIES



Loadspace width (max) 1.285mm



Standard Ride Height

With roof rails 1.780mm
 With roof antenna 1.803mm
 With panoramic roof open 1.817mm
 Access height air suspension setting will reduce each of the above by 50mm

Headroom

Maximum front headroom with panoramic roof 984mm
 Rear headroom 991mm

Legroom

Maximum front legroom 1.004mm
 Maximum rear legroom 940mm

Loadspace Height

Loadspace height (floor to ground) 837mm
 Loadspace height (floor to roof) 790mm

Loadspace Capacity*

Height 837mm, Width 1.285mm
 Loadspace width between arches 1.116mm
 Maximum loadspace volume behind first row
 Dry** 1.463 litres, Wet† 1.686 litres
 Maximum loadspace volume behind second row
 Dry** 623 litres, Wet† 780 litres

Obstacle Clearance

Off-road height 278mm
 Standard ride height 213mm

Turning Circle

Kerb-to-kerb 12,4m
 Wall-to-wall 12,5m
 Turns lock-to-lock 2,7

Wading Depth

Maximum wading depth 850mm

Width 2.073mm mirrors folded
 Width 2.220mm mirrors out



Front wheel track 1.692mm



Rear wheel track 1.686mm



	A	B	C
Ride Height	Approach Angle	Ramp Angle	Departure Angle
Off-road†† (SVR)	33,0° (29,2°)	25,7° (26,9°)	30,0° (28,0°)
Standard (SVR)	26,0° (20,6°)	21,2° (21,0°)	26,2° (23,9°)



Wheelbase 2.923mm

*Rear loadspace capacity is reduced on P400e models. **Dry: Volume as measured with Verband Der Automobilindustrie-compliant solid blocks (200mm x 50mm x 100mm).

†Wet: Volume as measured by simulating the loadspace filled with liquid. ††With tow eye cover removed.

Please note: Figures may vary for SVR model and PHEV.