

2020 RANGE ROVER SPORT

SPEC SHEET¹



ABOVE & BEYOND





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	2020 RANGE ROVER SPORT (DIESEL) 3.0L TC V6 254HP	2020 RANGE ROVER SPORT (MHEV GAS) 3.0L TC I6 355HP	2020 RANGE ROVER SPORT (MHEV GAS) 3.0L TC I6 395HP	2020 RANGE ROVER SPORT (GAS) 5.0L SC V8 518HP	2020 RANGE ROVER SPORT (GAS) 5.0L SC V8 575HP	2020 RANGE ROVER SPORT (PHEV GAS) 2.0L TC I4 398HP
Available Trims	SE HSE	SE HSE	HST	HSE P525 Autobiography P525	SVR	HSE P400e Autobiography P400e
ENGINE						
Engine Layout	V6	I6	I6	V8	V8	PHEV I4
Induction	Turbocharged	Turbocharged w/ Electric Boost	Turbocharged w/ Electric Boost	Supercharged	Supercharged	Turbocharged
Displacement (cc)	2,993.0	2,996.1	2,996.1	4,999.7	4,999.7	1,997.3
Bore / Stroke (mm)	84.0 x 90.0	83.0 x 92.3	83.0 x 92.3	92.5 x 93.0	92.5 x 93.0	83.0 x 92.3
Compression Ratio (:1)	16.1	10.5	10.5	9.5	9.5	9.5
Max Power (hp)	254 @ 3,750rpm	355 @ 5,500-6,500rpm	395 @ 5,500-6,500rpm	518 @ 6,000-6,500rpm	575 @ 6,000-6,500rpm	398* @ 5,500rpm
Max Torque (lb ft)	443 @ 1,750-2,250rpm	365 @ 2,000-5,000rpm	406 @ 2,000-5,000rpm	461 @ 2,500-5,500rpm	516 @ 3,500-5,000rpm	472** @ 1,500-4,000rpm
ELECTRIC DRIVE / BATTERY						
Electric Motor Type	–	–	–	–	–	Permanent Magnet
No. of Electric Motors	–	–	–	–	–	1
Layout	–	–	–	–	–	P2 Electrified Transmission
Max Electric Motor Power (hp / kW)	–	–	–	–	–	141hp / 105kW
Max Electric Motor Torque (lb ft)	–	–	–	–	–	203
Battery Type	–	Lithium Ion	Lithium Ion	–	–	Lithium Ion
Battery Voltage (V)	–	48.0	48.0	–	–	388.8
Battery Energy Capacity (kWh)	–	0.23	0.23	–	–	13.1

*Net Power Output of 296hp Gas I4 and 105kW (141hp) Electric Motor
**Net Torque Output of 295-lb ft Gas I4 & 203-lb ft Electric Motor



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TRANSMISSION / DRIVETRAIN						
Transmission Type	ZF® 8-Speed Automatic (8HP70)	ZF® 8-Speed Automatic (8HP76)	ZF® 8-Speed Automatic (8HP76)	ZF® 8-Speed Automatic (8HP70)	ZF® 8-Speed Automatic (8HP70)	ZF® 8-Speed Automatic (8P75XPH)
1st (:1)	4.714 / 13.812	5.500 / 16.115	5.500 / 16.115	4.714 / 13.812	4.714 / 13.812	4.714 / 13.812
2nd (:1)	3.143 / 9.209	3.520 / 10.314	3.520 / 10.314	3.143 / 9.209	3.143 / 9.209	3.143 / 9.209
3rd (:1)	2.106 / 6.171	2.200 / 6.446	2.200 / 6.446	2.106 / 6.171	2.106 / 6.171	2.106 / 6.171
4th (:1)	1.667 / 4.884	1.720 / 5.040	1.720 / 5.040	1.667 / 4.884	1.667 / 4.884	1.667 / 4.884
5th (:1)	1.285 / 3.765	1.317 / 3.859	1.317 / 3.859	1.285 / 3.765	1.285 / 3.765	1.285 / 3.765
6th (:1)	1.000 / 2.930	1.000 / 2.930	1.000 / 2.930	1.000 / 2.930	1.000 / 2.930	1.000 / 2.930
7th (:1)	0.839 / 2.458	0.823 / 2.411	0.823 / 2.411	0.839 / 2.458	0.839 / 2.458	0.839 / 2.458
8th (:1)	0.667 / 1.954	0.640 / 1.875	0.640 / 1.875	0.667 / 1.954	0.667 / 1.954	0.667 / 1.954
Reverse (:1)	-3.317 / -9.719	-3.993 / -11.699	-3.993 / -11.699	-3.317 / -9.719	-3.317 / -9.719	-3.317 / -9.719
Final Drive Ratio (:1)	3.21	3.55	3.55	3.31	3.31	3.73
Transfer Box Ratio (:1)	2.93	2.93	2.93	2.93	2.93	2.93
Four Wheel Drive System ²	Permanent Four Wheel Drive with Terrain Response®, Optional Terrain Response® 2	Permanent Four Wheel Drive with Terrain Response®, Optional Terrain Response® 2	Permanent Four Wheel Drive with Terrain Response®, Optional Terrain Response® 2	Permanent Four Wheel Drive with Terrain Response® 2 and Active Rear Differential	Permanent Four Wheel Drive with Terrain Response® 2 and Active Rear Differential	Permanent Four Wheel Drive with Terrain Response® 2 and Active Rear Differential
SUSPENSION / STEERING / BRAKES						
Front Suspension	SLA Double Wishbone with Virtual Swivel Axis					
Rear Suspension	Integral Link					
Steering	Electric Power Assisted Steering (EPAS) Rack and Pinion					
Overall Steering Ratio (on center) (:1)	17.7	17.7	17.7	17.7	17.7	17.7
Variable Steering Rack Ratio (in per rev)	2.5 - 2.8	2.5 - 2.8	2.5 - 2.8	2.5 - 2.8	2.5 - 2.8	2.5 - 2.8
Turning Circle - Curb-to-Curb (SAE D101) (ft)	40.6	40.6	40.6	40.6	40.7	40.6
Steering Wheel Rotation - Lock-to-Lock (turns)	2.7	2.7	2.7	2.7	2.7	2.7
Brake Diameter (in)	Front: 13.7 Rear: 13.8	Front: 14.3 Rear: 13.8	Front: 15.0 Rear: 14.4	Front: 15.0 Rear: 14.4	Front: 15.0 Rear: 14.4	Front: 15.0 Rear: 14.4
Brake Type	Front: Twin Piston Caliper w/ Ventilated Disc Rear: Single Piston Caliper w/ Ventilated Disc	Front: Four Piston Caliper w/ Ventilated Disc Rear: Single Piston Caliper w/ Ventilated Disc	Front: Six Piston Caliper w/ Ventilated Disc Rear: Single Piston Caliper w/ Ventilated Disc	Front: Six Piston Caliper w/ Ventilated Disc Rear: Single Piston Caliper w/ Ventilated Disc	Front: Six Piston Caliper w/ Ventilated Disc Rear: Single Piston Caliper w/ Ventilated Disc	Front: Six Piston Caliper w/ Ventilated Disc Rear: Single Piston Caliper w/ Ventilated Disc



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EXTERIOR DIMENSIONS						
Overall Length (SAE L103) (in)	192.1	192.1	192.1	192.1	192.1	192.1
Overall Height (SAE H101) (in)	71.0	71.0	71.0	71.0	71.0	71.0
Overall Height (SAE H101-M) (in off-road height) (in)	73.5	73.5	73.5	73.5	73.5	73.5
Overall Width (SAE W103) (excluding mirrors) (in)	78.1	78.1	78.1	78.1	78.1	78.1
Overall Width (SAE W145) (mirrors folded) (in)	81.6	81.6	81.6	81.6	81.6	81.6
Overall Width (SAE W144) (mirrors out) (in)	87.4	87.4	87.4	87.4	87.4	87.4
Wheelbase (SAE L101) (in)	115.1	115.1	115.1	115.1	115.1	115.1
Front Overhang (SAE L104) (in)	34.6	34.6	34.6	34.6	34.9	34.6
Rear Overhang (SAE L105) (in)	42.4	42.4	42.4	42.4	42.2	42.4
Front Track (SAE W101-1) (in)	66.6	66.6	66.6	66.6	66.6	66.6
Rear Track (SAE W101-2) (in)	66.4	66.4	66.4	66.4	66.4	66.4
Drag Coefficient (Cd)	From 0.34	From 0.34	From 0.35	From 0.35	From 0.35	From 0.35
INTERIOR DIMENSIONS						
Headroom (SAE H61-1/2-SR) (in)	Row 1: 38.7 Row 2: 39.0	Row 1: 38.7 Row 2: 39.0	Row 1: 38.7 Row 2: 39.0	Row 1: 38.7 Row 2: 39.0	Row 1: 38.7 Row 2: 39.0	Row 1: 38.7 Row 2: 39.0
Shoulder Room (SAE W3-1/2) (in)	Front: 60.7 Rear: 59.5	Front: 60.7 Rear: 59.5	Front: 60.7 Rear: 59.5	Front: 60.7 Rear: 59.5	Front: 60.7 Rear: 59.5	Front: 60.7 Rear: 59.5
Legroom (SAE L34/L51-2) (in)	Row 1: 39.5 Row 2: 37.0	Row 1: 39.5 Row 2: 37.0	Row 1: 39.5 Row 2: 37.0	Row 1: 39.5 Row 2: 37.0	Row 1: 39.5 Row 2: 37.0	Row 1: 39.5 Row 2: 37.0
Loadspace Volume (SAE V214-1/2-W) (cu ft)	Behind Row 1: 59.5 Behind Row 2: 27.5	Behind Row 1: 59.5 Behind Row 2: 27.5	Behind Row 1: 59.5 Behind Row 2: 27.5	Behind Row 1: 59.5 Behind Row 2: 27.5	Behind Row 1: 59.5 Behind Row 2: 27.5	Behind Row 1: 56.8 Behind Row 2: 24.8
Loadspace Length (SAE L216-1/2-W) (in)	Behind Row 1: 73.5 Behind Row 2: 41.3	Behind Row 1: 73.5 Behind Row 2: 41.3	Behind Row 1: 73.5 Behind Row 2: 41.3	Behind Row 1: 73.5 Behind Row 2: 41.3	Behind Row 1: 73.5 Behind Row 2: 41.3	Behind Row 1: 73.5 Behind Row 2: 41.3
Loadspace Width (SAE W200) (in)	50.6	50.6	50.6	50.6	50.6	50.6
Loadspace Height (SAE H505) (in)	31.1	31.1	31.1	31.1	31.1	31.1



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OFF-ROAD DIMENSIONS						
Approach Angle (SAE A106-1) (deg)	26.0	26.0	26.0	26.0	20.6	26.0
Approach Angle (SAE A116-1) (in off-road height) (deg)	29.1	29.1	33.0	33.0	29.2	33.0
Departure Angle (SAE A106-2) (deg)	26.2	26.2	26.2	26.2	23.9	26.2
Departure Angle (SAE A116-2) (in off-road height) (deg)	30.0	30.0	30.0	30.0	28.0	30.0
Ramp Breakover Angle (SAE A117) (deg)	21.2	21.2	21.2	21.2	21.0	21.2
Ramp Breakover Angle (SAE A117) (in off-road height) (deg)	25.7	25.7	25.7	25.7	26.9	25.7
Maximum Wading Depth (in off-road height) (in)	33.5	33.5	33.5	33.5	33.5	33.5
Ground Clearance (SAE H156) (in)	8.4	8.4	8.4	8.4	8.4	8.4
Ground Clearance (SAE H156) (in off-road height) (in)	10.9	10.9	10.9	10.9	10.8	10.9
PERFORMANCE ³						
0-60 mph (s)	7.2	6.2	5.9	5.0	4.3	6.3
0-100 km/h (s)	7.7	6.6	6.2	5.3	4.5	6.7
50-75 mph (s)	5.6	4.1	4.0	3.3	2.8	4.1
Top Speed (mph)	130	130	140	130	176	137 (85 in electric mode only)
WEIGHT						
Curb Weight (lbs)	4,755	4,870	4,870	5,100	5,070	5,430
Gross Vehicle Weight (lbs)	6,724 (5 seat) 6,945 (7 seat)	6,720 (5 seat) 7,000 (7 seat)	6,720	6,830 (5 seat) 7,000 (7 seat)	6,614	7,055
TOWING						
Maximum Permissible Towable Mass (lbs)	7,716	7,716	7,716	7,716	6,613	5,511
Maximum Permissible Unbraked Towable Mass (lbs)	1,653	1,653	1,653	1,653	1,653	1,653



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FUEL ECONOMY						
EPA City ⁴ (mpg)	22	19	19	17	15	–
EPA Highway ⁴ (mpg)	28	25	25	22	20	–
EPA Combined ⁴ (mpge/mpg)	24	21	21	19	16	42 / 19 (gas only)
EPA Combined Electric-Only Range ⁵ (mi)	–	–	–	–	–	19
Fuel Tank Capacity (gal)	22.7	27.6	27.6	27.6	27.6	24.1
Diesel Exhaust Fluid (DEF) Capacity (pints)	38.0	–	–	–	–	–

(1) Manufacturer’s figures. Correct at time of going to press.

(2) These systems are not a substitute for driving safely with due care and attention and will not function under all circumstances, speeds, weather and road conditions, etc. Driver should not assume that these systems will correct errors of judgment in driving. Please consult the owner’s manual or your local authorized Land Rover Retailer for more details.

(3) Always follow local speed limits.

(4) All figures are EPA fuel economy estimates. Actual mileage may vary.

(5) EPA estimated all-electric range is 19 miles with a fully charged battery. Actual range and mileage will vary with driving conditions and style, and other factors.