

2020 LAND ROVER DISCOVERY

SPEC SHEET¹



ABOVE & BEYOND





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	2020 DISCOVERY (DIESEL) 3.0L TD6 5-SEAT	2020 DISCOVERY (DIESEL) 3.0L TD6 7-SEAT	2020 DISCOVERY (GASOLINE) 3.0L SI6 5-SEAT	2020 DISCOVERY (GASOLINE) 3.0L SI6 7-SEAT
Available Trims	SE HSE HSE Luxury	SE HSE HSE Luxury	SE HSE HSE Luxury	SE Landmark HSE HSE Luxury
ENGINE				
Engine Layout	V6	V6	V6	V6
Induction	Turbocharged	Turbocharged	Supercharged	Supercharged
Displacement (cc)	2,993	2,993	2,995	2,995
Bore / Stroke (mm)	84.0 x 90.0	84.0 x 90.0	84.5 x 89.0	84.5 x 89.0
Compression Ratio (:1)	16.1	16.1	10.5	10.5
Max Power (hp)	254 @ 3,750rpm	254 @ 3,750rpm	335 @ 6,500rpm	335 @ 6,500rpm
Max Torque (lb ft)	443 @ 1,750-2,250rpm	443 @ 1,750-2,250rpm	332 @ 4,500-5,000rpm	332 @ 4,500-5,000rpm
TRANSMISSION / DRIVETRAIN				
Transmission Type	ZF® (8HP70) 8-Speed Automatic	ZF® (8HP70) 8-Speed Automatic	ZF® (8HP45) 8-Speed Automatic	ZF® (8HP45) 8-Speed Automatic
1st (High / Low)	4.714 / 13.812	4.714 / 13.812	4.714 / 13.812	4.714 / 13.812
2nd (High / Low)	3.143 / 9.209	3.143 / 9.209	3.143 / 9.209	3.143 / 9.209
3rd (High / Low)	2.106 / 6.171	2.106 / 6.171	2.106 / 6.171	2.106 / 6.171
4th (High / Low)	1.667 / 4.884	1.667 / 4.884	1.667 / 4.884	1.667 / 4.884
5th (High / Low)	1.285 / 3.765	1.285 / 3.765	1.285 / 3.765	1.285 / 3.765
6th (High / Low)	1.000 / 2.930	1.000 / 2.930	1.000 / 2.930	1.000 / 2.930
7th (High / Low)	0.839 / 2.458	0.839 / 2.458	0.839 / 2.458	0.839 / 2.458
8th (High / Low)	0.667 / 1.954	0.667 / 1.954	0.667 / 1.954	0.667 / 1.954
Reverse (High / Low)	-3.317 / -9.719	-3.317 / -9.719	-3.295 / -9.654	-3.295 / -9.654
Final Drive Ratio (:1)	3.21	3.21	3.73	3.73
Transfer Box Ratio (:1)	2.93	2.93	2.93	2.93
Four Wheel Drive System ²	Permanent Four Wheel Drive with Standard Locking Center Differential and Terrain Response™, Optional Terrain Response™ 2 and Locking Rear Differential			



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SUSPENSION / STEERING / BRAKES				
Front Suspension	SLA Suspension with Twin Lower Links, Air or Coil Springs, Passive Dampers and Passive ARB			
Rear Suspension	Integral Link Suspension with Air or Coil Springs, Passive Damper and Passive ARB			
Steering	Electric Power Assisted Steering (EPAS) Rack and Pinion			
Overall Steering Ratio (On Center) (:1)	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
Turning Circle - Curb-to-Curb (SAE D101) (ft)	40.7 w/ air suspension 40.6 w/ coil suspension	40.7 w/ air suspension 40.6 w/ coil suspension	40.7 w/ air suspension 40.6 w/ coil suspension	40.7 w/ air suspension 40.6 w/ coil suspension
Turning Circle - Lock-to-Lock (turns)	2.7	2.7	2.7	2.7
Brake Diameter (in)	Front: 13.7 Rear: 12.8	Front: 13.7 Rear: 12.8	Front: 14.3 Rear: 13.8	Front: 14.3 Rear: 13.8
EXTERIOR DIMENSIONS				
Overall Length (SAE L103) (in)	195.1	195.1	195.1	195.1
Overall Height (SAE H101-M) (in)	74.3 w/ air suspension 75.2 w/ coil suspension	74.3 w/ air suspension 75.2 w/ coil suspension	74.3 w/ air suspension 75.2 w/ coil suspension	74.3 w/ air suspension 75.2 w/ coil suspension
Overall Height (SAE H101-M) (in off-road height) (in)	77.5	77.5	77.5	77.5
Overall Width (SAE W103) (excluding mirrors) (in)	78.7	78.7	78.7	78.7
Overall Width (SAE W145) (with Mirrors Folded) (in)	81.6	81.6	81.6	81.6
Overall Width (SAE W144) (with Mirrors Out) (in)	87.4	87.4	87.4	87.4
Wheelbase (SAE L101) (in)	115.1 w/ air suspension 115.0 w/ coil suspension	115.1 w/ air suspension 115.0 w/ coil suspension	115.1 w/ air suspension 115.0 w/ coil suspension	115.1 w/ air suspension 115.0 w/ coil suspension
Front Overhang (SAE L104) (in)	33.8	33.8	33.8	33.8
Rear Overhang (SAE L105) (in)	46.3	46.3	46.3	46.3



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EXTERIOR DIMENSIONS (CONT'D)				
Front Track (SAE W101-1) (in)	66.6 w/ air suspension 66.5 w/ coil suspension	66.6 w/ air suspension 66.5 w/ coil suspension	66.6 w/ air suspension 66.5 w/ coil suspension	66.6 w/ air suspension 66.5 w/ coil suspension
Rear Track (SAE W101-2) (in)	66.4 w/ air suspension 66.3 w/ coil suspension	66.4 w/ air suspension 66.3 w/ coil suspension	66.4 w/ air suspension 66.3 w/ coil suspension	66.4 w/ air suspension 66.3 w/ coil suspension
Drag Coefficient (Cd)	From 0.35	From 0.35	From 0.35	From 0.35
INTERIOR DIMENSIONS				
Headroom (SAE H61-1/2/3) (in)	Row 1: 39.4 (Discovery SE only) Row 2: 39.0 (Discovery SE only)	Row 1: 39.4 (Discovery SE only) Row 2: 39.0 (Discovery SE only) Row 3: 37.9 (Discovery SE only)	Row 1: 39.4 (Discovery SE only) Row 2: 39.0 (Discovery SE only)	Row 1: 39.4 (Discovery SE only) Row 2: 39.0 (Discovery SE only) Row 3: 37.9 (Discovery SE only)
Headroom (SAE H61-1/2/3-SR) (with sunroof) (in)	Row 1: 40.0 Row 2: 39.0	Row 1: 40.0 Row 2: 39.0 Row 3: 37.9	Row 1: 40.0 Row 2: 39.0	Row 1: 40.0 Row 2: 39.0 Row 3: 37.9
Shoulder Room (SAE W3-1/2/3) (in)	Row 1: 60.4 Row 2: 59.5	Row 1: 60.4 Row 2: 59.5 Row 3: 47.2	Row 1: 60.4 Row 2: 59.5	Row 1: 60.4 Row 2: 59.5 Row 3: 47.2
Legroom (SAE L34) (SAE L51-2/3) (in)	Row 1: 39.1 Row 2: 37.6	Row 1: 39.1 Row 2: 37.6 Row 3: 33.5	Row 1: 39.1 Row 2: 37.6	Row 1: 39.1 Row 2: 37.6 Row 3: 33.5
Loadspace Volume (SAE V214-1/2/3) (cu ft)	Behind Row 1: 73.0 Behind Row 2: 38.8	Behind Row 1: 73.0 Behind Row 2: 38.8 Behind Row 3: 6.1	Behind Row 1: 73.0 Behind Row 2: 38.8	Behind Row 1: 73.0 Behind Row 2: 38.8 Behind Row 3: 6.1
Loadspace Length (SAE L216-1/2/3) (in)	Behind Row 1: 76.9 Behind Row 2: 43.3	Behind Row 1: 76.9 Behind Row 2: 43.3 Behind Row 3: 11.5	Behind Row 1: 76.9 Behind Row 2: 43.3	Behind Row 1: 76.9 Behind Row 2: 43.3 Behind Row 3: 11.5
Loadspace Height (SAE H201) (in)	35.5	35.5	35.5	35.5
Loadspace Width (SAE W200) (in)	55.6	55.6	55.6	55.6
Loadspace Door (SAE H202) Aperture Height (in)	33.1	33.1	33.6	33.6
Loadspace Door (SAE W207) Aperture Width (in)	45.3	45.3	45.3	45.3



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OFF-ROAD DIMENSIONS				
Approach Angle (SAE A106-1) (deg)	26.0 w/ air suspension 26.3 w/ coil suspension	26.0 w/ air suspension 26.3 w/ coil suspension	26.0 w/ air suspension 26.3 w/ coil suspension	26.0 w/ air suspension 26.3 w/ coil suspension
Approach Angle (SAE A106-1) (in off-road height) (deg)	34.0 w/ air suspension 29.0 w/ coil suspension	34.0 w/ air suspension 29.0 w/ coil suspension	34.0 w/ air suspension 29.0 w/ coil suspension	34.0 w/ air suspension 29.0 w/ coil suspension
Departure Angle (SAE A106-2) (deg)	24.8 w/ air suspension 25.9 w/ coil suspension	24.8 w/ air suspension 25.9 w/ coil suspension	24.8 w/ air suspension 25.9 w/ coil suspension	24.8 w/ air suspension 25.9 w/ coil suspension
Departure Angle (SAE A106-2) (in off-road height) (deg)	30.0 w/ air suspension 27.0 w/ coil suspension	30.0 w/ air suspension 27.0 w/ coil suspension	30.0 w/ air suspension 27.0 w/ coil suspension	30.0 w/ air suspension 27.0 w/ coil suspension
Ramp Breakover Angle (SAE A147) (deg)	18.9 w/ air suspension 16.9 w/ coil suspension	18.9 w/ air suspension 16.9 w/ coil suspension	18.9 w/ air suspension 16.9 w/ coil suspension	18.9 w/ air suspension 16.9 w/ coil suspension
Ramp Breakover Angle (SAE A147) (in off-road height) (deg)	27.5 w/ air suspension 22.2 w/ coil suspension	27.5 w/ air suspension 22.2 w/ coil suspension	27.5 w/ air suspension 22.2 w/ coil suspension	27.5 w/ air suspension 22.2 w/ coil suspension
Wading Depth (in off-road height) (in)	35.4 w/ air suspension 33.5 w/ coil suspension	35.4 w/ air suspension 33.5 w/ coil suspension	35.4 w/ air suspension 33.5 w/ coil suspension	35.4 w/ air suspension 33.5 w/ coil suspension
Wheel Articulation (in)	20.0 w/ air suspension 15.0 w/ coil suspension	20.0 w/ air suspension 15.0 w/ coil suspension	20.0 w/ air suspension 15.0 w/ coil suspension	20.0 w/ air suspension 15.0 w/ coil suspension
Ground Clearance (SAE H157) (in)	8.1 w/ air suspension 8.5 w/ coil suspension	8.1 w/ air suspension 8.5 w/ coil suspension	8.1 w/ air suspension 8.5 w/ coil suspension	8.1 w/ air suspension 8.5 w/ coil suspension
Ground Clearance (SAE H157) (in off-road height) (in)	11.1 w/ air suspension	11.1 w/ air suspension	11.1 w/ air suspension	11.1 w/ air suspension
Maximum Ascent / Descent Gradient (deg)	45	45	45	45
Maximum Side Slope Traverse Gradient (deg)	35	35	35	35
WEIGHT				
Weight From (lbs)	4,900	4,900	4,735	4,735
Gross Vehicle Weight (lbs)	6,724	6,989	6,592	6,900



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TOWING				
Maximum Permissible Towable Mass (lbs)	7,716	7,716	8,201	8,201
Maximum Permissible Unbraked Towable Mass (lbs)	1,653	1,653	1,653	1,653
PERFORMANCE				
0-60 mph ³ (s)	7.7	7.7	6.9	6.9
0-100 km/h ³ (s)	8.1	8.1	7.1	7.1
50-75 mph ³ (s)	6.0	6.0	4.6	4.6
Top Speed ³ (mph)	130	130	130	130
FUEL ECONOMY				
EPA City ⁴ (mpg)	21	21	16	16
EPA Highway ⁴ (mpg)	26	26	21	21
EPA Combined ⁴ (mpg)	23	23	18	18
Fuel Tank Capacity (gal)	22.4	22.4	23.8	23.8
Diesel Exhaust Fluid (DEF) Capacity (pints)	38.0	38.0	N/A	N/A

(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.