

2018 LAND ROVER DISCOVERY

SPEC SHEET¹



ABOVE & BEYOND





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	2018 DISCOVERY (DIESEL) 3.0L TD6 5-SEAT	2018 DISCOVERY (DIESEL) 3.0L TD6 7-SEAT	2018 DISCOVERY (GASOLINE) 3.0L SI6 5-SEAT	2018 DISCOVERY (GASOLINE) 3.0L SI6 7-SEAT
Available Trims	SE HSE HSE Luxury	SE HSE HSE Luxury	SE HSE HSE Luxury	SE 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	340 @ 6,500rpm	340 @ 6,500rpm
Max Torque (lb ft)	443 @ 1,750-2,250rpm	443 @ 1,750-2,250rpm	332 @ 3,500-5,000rpm	332 @ 3,500-5,000rpm
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	Permanent Four Wheel Drive with Standard Locking Center Differential and Terrain Response™ ² , Optional Terrain Response™ 2 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			
Turning Circle - Curb-to-Curb (ft)	40.4	40.4	40.4	40.4
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				
Weight From (lbs)	4,916	4,916	4,751	4,751
Overall Length (in)	195.7	195.7	195.7	195.7
Overall Height (in)	73.5	73.5	73.5	73.5
Overall Width (with Mirrors Folded) (in)	81.6	81.6	81.6	81.6
Overall Width (with Mirrors Out) (in)	87.4	87.4	87.4	87.4
Wheelbase (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 (in)	34.3	34.3	34.3	34.3
Rear Overhang (in)	46.3	46.3	46.3	46.3
Front Track (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 (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 From (Cd)	0.35	0.35	0.36	0.36



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INTERIOR DIMENSIONS				
Headroom (in)	Row 1: 39.4 Row 2: 39.0	Row 1: 39.4 Row 2: 39.0 Row 3: 37.9	Row 1: 39.4 Row 2: 39.0	Row 1: 39.4 Row 2: 39.0 Row 3: 37.9
Shoulder Room (in)	Row 1: 60.4 Row 2: 59.5	Row 1: 60.4 Row 2: 59.5 Row 3: 47.1	Row 1: 60.4 Row 2: 59.5	Row 1: 60.4 Row 2: 59.5 Row 3: 47.1
Legroom (in)	Row 1: 42.4 Row 2: 37.6	Row 1: 42.4 Row 2: 37.6 Row 3: 33.5	Row 1: 42.4 Row 2: 37.6	Row 1: 39.1 Row 2: 37.6 Row 3: 33.5
Loadspace Volume (cu ft)	Behind Row 1: 88.3 Behind Row 2: 43.4	Behind Row 1: 85.0 Behind Row 2: 40.2 Behind Row 3: 9.1	Behind Row 1: 88.3 Behind Row 2: 43.4	Behind Row 1: 85.0 Behind Row 2: 40.2 Behind Row 3: 9.1
Loadspace Length (in)	Behind Row 1: 77.3 Behind Row 2: 44.1	Behind Row 1: 77.3 Behind Row 2: 44.1 Behind Row 3: 11.8	Behind Row 1: 77.3 Behind Row 2: 44.1	Behind Row 1: 77.3 Behind Row 2: 44.1 Behind Row 3: 11.8
Loadspace Height (in)	36.7	36.7	36.7	36.7
Loadspace Width (in)	55.6	55.6	55.6	55.6
Loadspace Door Aperture Height (in)	33.6	33.6	33.6	33.6
Loadspace Door Aperture Width (in)	45.3	45.3	45.3	45.3



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OFF-ROAD DIMENSIONS				
Approach Angle (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
Maximum Approach Angle 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 (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
Maximum Departure Angle 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 (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
Maximum Ramp Breakover Angle 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)	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)	19.7 w/ air suspension 15.0 w/ coil suspension	19.7 w/ air suspension 15.0 w/ coil suspension	19.7 w/ air suspension 15.0 w/ coil suspension	19.7 w/ air suspension 15.0 w/ coil suspension
Ground Clearance (in)	11.1 w/ air suspension 8.7 w/ coil suspension	11.1 w/ air suspension 8.7 w/ coil suspension	11.1 w/ air suspension 8.7 w/ coil suspension	11.1 w/ air suspension 8.7 w/ coil suspension
Maximum Ascent / Descent Gradient (deg)	45	45	45	45
Maximum Side Slope Traverse Gradient (deg)	35	35	35	35
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



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PERFORMANCE ³				
0-60 mph (s)	7.7	7.7	6.9	6.9
0-100 km/h (s)	8.1	8.1	7.1	7.1
50-75 mph (s)	6.0	6.0	4.6	4.6
80-120 km/h (s)	6.0	6.0	4.6	4.6
Top Speed (mph)	130	130	130	130
FUEL ECONOMY				
EPA City ⁴ (mpg)	TBD	TBD	16	16
EPA Highway ⁴ (mpg)	TBD	TBD	21	21
EPA Combined ⁴ (mpg)	TBD	TBD	18	18
Fuel Tank Capacity (gal)	22.5	22.5	23.5	23.5
Diesel Exhaust Fluid (DEF) Capacity (gal)	4.75	4.75	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.