

Land Rover Discovery 4 [2010 Model Year]

Feature		LR-TDV6 2.7 Diesel	NEW LR-TDV6 3.0 Diesel	LR-V6 4.0 Petrol	NEW 5.0L V8 Petrol
No. of seats		5 (7 seat option)	5 (7 seat option)	5 (7 seat option)	5 (7 seat option)
Length (inc. number plate plinth)	mm / inch	4829 / 190.1	4829 / 190.1	4829 / 190.1	4829 / 190.1
Width with mirrors folded	mm / inch	2022 / 79.6	2022 / 79.6	2022 / 79.6	2022 / 79.6
Max height Fixed Roof	mm / inch	1887 / 74.3 (std ride height - 4CAS)	1887 / 74.3 (std ride height - 4CAS)	1887 / 74.3 (std ride height - 4CAS)	1887 / 74.3 (std ride height - 4CAS)
Wheelbase	mm / inch	2885 / 113.6	2885 / 113.6	2885 / 113.6	2885 / 113.6
Track - front (rear) at ground level	mm / inch	1605 (1612.5) / 63.2 (63.5)	1605 (1612.5) / 63.2 (63.5)	1605 (1612.5) / 63.2 (63.5)	1605 (1612.5) / 63.2 (63.5)
Wading Depth	mm / inch	700 / 27.56 (off road height)	700 / 27.56 (off road height)	700 / 27.56 (off road height)	700 / 27.56 (off road height)
Technically permissible maximum towable mass	kg / lbs	3500 / 7716	3500 / 7716	3500 / 7716	3500 / 7716
Loadspace volume - Maximum behind row 2	litres / cu. feet	1260 / 44.5	1260 / 44.5	1260 / 44.5	1260 / 44.5
Loadspace volume - Maximum behind row 1	litres / cu. feet	2558 / 90.3	2558 / 90.3	2558 / 90.3	2558 / 90.3
Layout / No. of cylinders / valves		Longitudinal / V6 / 24	Longitudinal / V6 / 24	Longitudinal / V6 / 12	Longitudinal / V8 / 32 Quad cam DIVCT (Dual Independent Variable Cam Timing)
Effective displacement	ccs / cu. inch	2720 / 166	2993 / 182.6	3999 / 244	4999.7 / 305.1
Bore / stroke	mm (inch)	81 / 88 (3.189 / 3.465)	84/90 (3.30 / 3.54)	100.4 / 84.4 (3.953 / 3.323)	92.5 / 93.0 (3.64 / 3.66)
Compression ratio	:1	18.0	16.1	9.75	11.5
Max. power output (EEC)	kW / PS	140 / 190	180 / 244.7	160 / 216	276 / 375
Max. power output (SAE)	bhp	na	na	na	375
Engine speed at max power	rpm	4000	4000	4500	6500
Max. torque (EEC)	Nm	440	600	360	510
Max. torque (SAE)	lbf.ft	325	442.5	269	375
Engine speed at max torque	rpm	1900	2000	3000	3500
Fuel tank capacity (usable)	litres/gall/US gall	82.3 / 18.1 / 21.7	82.3 / 18.1 / 21.7	86.3 / 19 / 22.8	86.3 / 19 / 22.8
Front suspension	type	Independent double wishbone. Coil & Air sprung options	Air sprung Independent double wishbone	Air sprung Independent double wishbone	Air sprung Independent double wishbone
Rear suspension	type	Independent double wishbone. Coil & Air sprung options	Air sprung Independent double wishbone	Air sprung Independent double wishbone	Air sprung Independent double wishbone
Front Brakes	type	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc
Front Brakes Diameter	mm / inch	317 / 12.480	360 / 14.173	317 / 12.480	360 / 14.173
Rear Brakes	type	Ventilated disc	Ventilated disc	Ventilated disc	Ventilated disc
Rear Brakes Diameter	mm / inch	325 / 12.795	350 / 13.779	325 / 12.795	350 / 13.779
Transmission	type	ZF HP26 (6 speed auto) ZF S6-53 (6 speed manual)	ZF HP28 (6 speed auto)	ZF HP26 (6 speed auto)	ZF HP28 (6 speed auto)
Four wheel drive system	type	Full time 4 wheel drive with std locking centre differential. Optional locking rear axle differential available with Air Suspension + Terrain Response™	Full time 4 wheel drive with std locking centre differential. Optional locking rear axle differential available with Air Suspension + Terrain Response™	Full time 4 wheel drive with std locking centre differential. Optional locking rear axle differential available with Air Suspension + Terrain Response™	Full time 4 wheel drive with std locking centre differential. Optional locking rear axle differential available with Air Suspension + Terrain Response™
Transmission ratios		<b>Manual</b>	<b>Auto</b>	<b>Auto</b>	<b>Auto</b>
1st (High / Low)	:1	5.080 / 14.884	4.171 / 12.220	4.171 / 12.220	4.171 / 12.220
2nd (High / Low)	:1	2.804 / 8.216	2.340 / 6.860	2.340 / 6.860	2.340 / 6.860
3rd (High / Low)	:1	1.783 / 5.224	1.521 / 4.460	1.521 / 4.460	1.521 / 4.460
4th (High / Low)	:1	1.260 / 3.692	1.143 / 3.350	1.143 / 3.350	1.143 / 3.350
5th (High / Low)	:1	1.000 / 2.930	0.867 / 2.540	0.867 / 2.540	0.867 / 2.540
6th (High / Low)	:1	0.835 / 2.446	0.691 / 2.020	0.691 / 2.020	0.691 / 2.020
Reverse (High / Low)	:1	4.725 / 13.844	3.403 / 9.960	3.403 / 9.960	3.403 / 9.960
Final drive ratio	:1	3.070	3.540	3.54	3.540
Transfer box ratio	:1	High Range 1:1 Low Range 2.93:1		High Range 1:1 Low Range 2.93:1	High Range 1:1 Low Range 2.93:1
Overall Gearing		<b>Manual</b>	<b>Auto</b>	<b>Auto</b>	<b>Auto</b>
1st (High / Low)	:1	15.596 / 45.694	14.765 / 43.259	14.765 / 43.259	15.558 / 45.581
2nd (High / Low)	:1	8.608 / 25.223	8.284 / 24.284	8.284 / 24.284	8.723 / 25.588
3rd (High / Low)	:1	5.474 / 16.038	5.384 / 15.788	5.384 / 15.788	5.673 / 16.636
4th (High / Low)	:1	3.868 / 11.334	4.046 / 11.859	4.046 / 11.859	4.263 / 12.496
5th (High / Low)	:1	3.070 / 8.995	3.069 / 8.992	3.069 / 8.992	3.234 / 9.474
6th (High / Low)	:1	2.563 / 7.509	2.446 / 7.151	2.446 / 7.151	2.557 / 7.535
Reverse (High / Low)	:1	14.506 / 42.501	12.047 / 35.258	12.047 / 35.258	12.693 / 37.151
Acceleration :- 0-60 mph (0-96 kph)	sec	10.98	11.7	9	10.8
Acceleration :- 0-100 kph	sec	11.66	12.7	9.6	11.6
Top speed	mph (kph)	112 (180)	112 (180)	112 (180)	112 (180)
Max speed in gears (High Range) - Autos in 'D', not tip or sport					
1st	mph (kph)	26.54 (42.71)	22.99 (36.99)	19 (30)	25.99 (41.82)
2nd	mph (kph)	48.14 (77.46)	41.76 (67.19)	39 (63)	47.14 (75.85)
3rd	mph (kph)	75.6 (121.64)	65.57 (105.5)	63 (101)	68.25 (109.81)
4th	mph (kph)	106.99 (172.15)	92.74 (149.21)	85 (136)	89.24 (143.59)
5th	mph (kph)	112 (180)	112 (180)	112 (180)	112 (180)
6th	mph (kph)	112 (180)	112 (180)	112 (180)	112 (180)
Max speed in gears (Low Range) - Autos in 'D', not tip or sport					
1st	mph (kph)	9.06 (14.58)	7.85 (12.63)	6 (10)	8.17 (13.15)
2nd	mph (kph)	16.42 (26.42)	14.24 (22.92)	14 (22)	14.81 (23.83)
3rd	mph (kph)	25.82 (41.55)	22.36 (35.98)	21 (34)	23.28 (37.45)
4th	mph (kph)	36.53 (58.78)	31.64 (50.91)	29 (46)	32.96 (53.03)
5th	mph (kph)	46 (74.02)	39.88 (64.17)	39 (62)	41.54 (66.84)
6th	mph (kph)	55.02 (88.52)	57.8 (93)	55 (88)	60.16 (96.8)
		<b>Manual</b>	<b>Auto</b>	<b>Auto</b>	<b>Auto</b>
EU - Combined	ltr/100 km (mpg)	9.2 (30.7) man	10.2 (27.7) auto	9.3 (30.4)	15.2 (18.6)
CO <sub>2</sub> - Combined	g/km	244	270	244	359

PLEASE NOTE: ALL FIGURES ARE MANUFACTURES ESTIMATES