

Discovery 4 10MY

Technical Specifications

Engine data	2.7 TDV6	3.0 TDV6	5.0 V8
Capacity (cc)	2,720	2,993	5,000
No. of cylinders	6	6	8
Cylinder layout	Longitudinal V6	Longitudinal V6	Longitudinal V8
Bore (mm)	81	84	92.5
Stroke (mm)	88	90	93
Compression ratio (:1)	18	16	11.5 (+/-0.5)
Ignition system	Siemens PCR 2.4	Siemens Gen 3	Denso Generation 1.6
Valves per cylinder	4	4	4
Maximum power kW @ rpm	140 @ 4,000	180 @ 4,000	276 @ 6,500
Maximum torque Nm @ rpm	440 @ 1,900	600 @ 2,000	510 / 3,500

Transmission data	TDV6	TDV6	V8
Transmission type	Automatic	Automatic	Automatic
Gear ratio 6th (High/Low) :1	0.691 / 2.020	0.691 / 2.020	0.691 / 2.020
5th (High/Low) :1	0.867 / 2.540	0.867 / 2.540	0.867 / 2.540
4th (High/Low) :1	1.143 / 3.350	1.143 / 3.350	1.143 / 3.350
3rd (High/Low) :1	1.521 / 4.460	1.521 / 4.460	1.521 / 4.460
2nd (High/Low) :1	2.340 / 6.860	2.340 / 6.860	2.340 / 6.860
1st (High/Low) :1	4.171 / 12.220	4.171 / 12.220	4.171 / 12.220
Reverse (High/Low) :1	3.403 / 9.960	3.403 / 9.960	3.403 / 9.960
Final Drive ratio :1	3.540	3.540	3.540
Transfer box ratio High :1	1	1	1
Transfer box ratio Low :1	2.93	2.93	2.93
In gear speed - 6th high (kph)	180	180	195
1st High (kph)	36	30	53
1st Low (kph)	12	10	18

Brakes	TDV6	TDV6	V8
Front type	Ventilated Disc	Ventilated Disc	Ventilated Disc
Front size (mm)	317	360	360
Rear type	Ventilated Disc	Ventilated Disc	Ventilated Disc
Rear size (mm)	325	350	350
Parking	Duo Servo	Duo Servo	Duo Servo

Weights	TDV6	TDV6	V8
Base kerb mass (weight from)	2,486	2,583	2,548
Gross vehicle weight (kg)	3,240	3,240	3,240
Maximum payload (kg)	754	657	692
Maximum roof loading - including roof rack (kg)	75	75	75

Towing	TDV6	TDV6	V8
Unbraked trailer (kg)	750	750	750
Trailer with over-run brakes (kg)	3,500	3,500	3,500

Fuel Economy & Performance	TDV6	TDV6	V8
Urban (l/100km)	13.1	11.2	19.8
Extra urban (l/100km)	8.5	8.3	10.7
Combined (l/100km)	10.2	9.3	14.1
CO2 emissions (g/km)	270	244	328
Maximum speed (kph)	180	180	195
0 - 100 (kph)	12.7	9.6	7.9
Usable fuel tank capacity (litres)	82.3	82.3	86.3

Turning Circle	TDV6	TDV6	V8
Kerb to kerb (m)	11.45	11.45	11.45
Wall to wall (m)	11.8	11.8	11.8
Turns lock to lock	3.32	3.32	3.32

Dimensions and Capabilities	TDV6	TDV6	V8
Height - normal height setting (mm)	1,887	1,887	1,887
Height - access height setting (mm)	1,837	1,837	1,837
Front wheel track (mm)	1,605	1,605	1,605
Wheelbase (mm)	2,885	2,885	2,885
Length (mm)	4,838	4,838	4,838
Rear wheel track (mm)	1,612.5	1,612.5	1,612.5
Width - mirrors folded (mm)	2,022	2,022	2,022
Width - mirrors out (mm)	2,176	2,176	2,176
Ground clearance - standard height (mm)	185	185	185
Ground clearance - off road height (mm)	240	240	240
Ground clearance - maximum height (mm)	310	310	310
Approach angle - standard height (°)	32.2	32.2	32.2
Approach angle - off road height (°)	37.2	37.2	37.2
Ramp angle - standard height (°)	22.8	22.8	22.8
Ramp angle - off road height (°)	27.9	27.9	27.9
Departure angle - standard height (°)	26.7	26.7	26.7
Departure angle - off road height (°)	29.6	29.6	29.6
Wading depth - maximum (mm)	700	700	700

Luggage Capacity	TDV6	TDV6	V8
Load space length behind			
1st row - 7 seat (mm)	1,950	1,950	1,950
2nd row - 7 seat (mm)	1,124	1,124	1,124
3rd row - 7 seat (mm)	338	338	338
Width (mm)	1,235	1,235	1,235
Width - between wheel arches (mm)	1,146	1,146	1,146
Height - no sunroof (mm)	1,027	1,027	1,027
Height - with sunroof (mm)	1,058	1,058	1,058
Load space volume behind			
1st row - 7 seat (litres)	2,558	2,558	2,558
2nd row - 7 seat (litres)	1,192	1,192	1,192
3rd row - 7 seat (litres)	280	280	280
Headroom:			
1st row - no sunroof (mm)	1,020	1,020	1,020
2nd row (mm)	1,043	1,043	1,043
3rd row (mm)	983	983	983