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## ENGINES AND PERFORMANCE

Refined power and superb driving abilities are the hallmarks of Discovery 3. Our engine range means you're ready to tackle any situation, from open roads to the steepest off-road incline.

### Links to information featured below:

- ▼ [Engines](#)
- ▼ [Performance and fuel economy](#)
- ▼ [Max speed in gears](#)
- ▼ [Safety and security](#)
- ▼ [Weights \(kg\)](#)
- ▼ [Engine and transmission](#)
- ▼ [Brakes](#)
- ▼ [Suspension and steering](#)

### ENGINES

Engine	TdV6
Capacity	2720cc
Power	140kw/190hp @ 4,000rpm
Torque	440Nm @ 1,900rpm
Location	Front north - south
Capacity (cc)	2720
No of cylinders	6
Cylinder layout	V-longitudinal
Bore (mm)	81
Stroke (mm)	88
Compression ratio	18.0:1
Cylinder head material	Pressure die cast aluminium alloy
Cylinder block material	Compacted graphite iron
Valves per cylinder	4
Double overhead camshaft	24
Maximum power	190bhp/4000rpm
Maximum Torque	440 Nm/1900rpm

### WEIGHTS (KG)

Item	TdV6 manual	TdV6 auto
Total (EEC kerb*)	2494 min 2708 max	2504 min 2718 max
Gross vehicle weight	3180 min 3230 max	3180 min 3230 max

Distribution of EEC kerb weight (kg):	TdV6 manual	TdV6 auto
Max front axle	1296	1302
Max rear axle	1412	1416

Towing (kg)	TdV6 manual	TdV6 auto
Max towing (towing pack optional)	3500	3500
Unbraked trailer	750	750
Max. mass of vehicle and trailer combination (GTW)	6730	6730

\*EEC kerb includes fluids, tools, spare and 75kg driver

## PERFORMANCE AND FUEL ECONOMY

Performance	TdV6 manual	TdV6 auto
Maximum speed kph (mph)	180 (112)	180 (112)
Acceleration – secs 0-60 mph	11.2	11.7
0 –100k/ph	11.5	12.8
30-50mph (4 <sup>th</sup> )	TBC	TBC
50-70mph (4 <sup>th</sup> )	TBC	TBC

Fuel economy	TdV6 manual	TdV6 auto
Urban L/100km (mpg)	11.1 (25.4)	13.1 (21.6)
Extra urban L/100km (mpg)	8.1 (34.9)	8.5 (33.2)
Combined L/100km (mpg)	9.2 (30.7)	10.2 (27.7)
Combined CO <sub>2</sub> emissions (g/km)	244	270
Usable capacity fuel tank (litres)	82.3	82.3
Drive by noise/dB	73.8	70.8

## ENGINE AND TRANSMISSION

Key: S = Standard, O = Option, NCO = No cost option, N/A = Not applicable

	TdV6 manual	TdV6 auto
Transfer box ratio high	1.1	1.1
Transfer box ratio low	2.93:1	2.93:1
High to low	20 (12)	40 (24)
Low to high	60 (38)	60 (38)

## MAX SPEED IN GEARS

(High range) kph (mph) – autos in 'D', not CommandShift™ or Sport		
	TdV6 manual	TdV6 auto
1 <sup>st</sup>	42.71 (26.54)	36.99 (22.99)
2 <sup>nd</sup>	77.46 (48.14)	67.19 (41.76)
3 <sup>rd</sup>	121.64 (75.6)	105.5 (65.57)
4 <sup>th</sup>	172.15 (106.99)	149.21 (92.74)
5 <sup>th</sup>	180 (112)	180 (112)
6 <sup>th</sup>	180 (112)	180 (112)

(Low range) - autos in 'D', not CommandShift™ or Sport		
	TdV6 manual	TdV6 auto
1 <sup>st</sup>	14.58 (9.06)	12.63 (7.85)
2 <sup>nd</sup>	26.42 (16.42)	22.92 (14..24)
3 <sup>rd</sup>	41.55 (25.82)	35.99 (22.36)
4 <sup>th</sup>	58.78 (36.53)	50.91 (31.64)
5 <sup>th</sup>	74.02 (46)	64.17 (39.88)
6 <sup>th</sup>	88.52 (55.02)	93 (57.8)
Cd (drag co-efficient)	0.41 (0.40 on 235/70R17)	

## BRAKES

Description	TdV6
Front size mm	317
Type	Ventilated disc
Rear size mm	325
Type	Ventilated disc
Parking	Duo Servo

## SAFETY AND SECURITY

Key: S = Standard, O = Option, NCO = No cost option, N/A = Not applicable

	TdV6				
	5 seat	7 seat	S	SE	HSE
Four channel all terrain <u>ABS</u> (Anti-lock Braking System) with all round ventilated disc brakes	S	S	S	S	S
Electronic Brake Assist ( <u>EBA</u> )	S	S	S	S	S
Central high mounted stop lamp	S	S	S	S	S
Dynamic Stability Control (DSC)	S	S	S	S	S
Active Roll Mitigation (ARM)	S	S	S	S	S
Electric Park Brake (EPB)	S	S	S	S	S
Row one driver and passenger front	S	S	S	S	S
Side and head curtain airbags	S	S	S	S	S
Row two head curtain airbags (2 <sup>nd</sup> and 3 <sup>rd</sup> row)	S	S	S	S	S

## SUSPENSION AND STEERING

Steering	Description	TdV6
Type		Assisted rack and pinion
Steering wheel: height adjustment standard	Turns lock to lock	3.32
Turning circle	Kerb to kerb Wall to wall	11.45m 11.8m

[http://www.landrover.co.uk/gb/en/Vehicles/Discovery/Specifications/Discovery\\_engines.htm](http://www.landrover.co.uk/gb/en/Vehicles/Discovery/Specifications/Discovery_engines.htm)