TECHNICAL SPECIFICATIONS

V6 Diesel (2.7L)

Capacity	2 720 cm^3
Firing order	1-4-2-5-3-6
Bore	81.0 mm
Stroke	88.0 mm
Number of cylinders	6
Compression ratio	17.3:1

V6 Diesel (3.0L)

Capacity	2 993 cm^3
Firing order	1-4-2-5-3-6
Bore	84.0 mm
Stroke	90.0 mm
Number of cylinders	6
Compression ratio	16:1

V6 Petrol

Capacity	3999 cm^3
Firing order	1-4-2-5-3-6
Bore	100.4 mm
Stroke	84.4 mm
Number of cylinders	6
Compression ratio	9.7:1

V8 Petrol

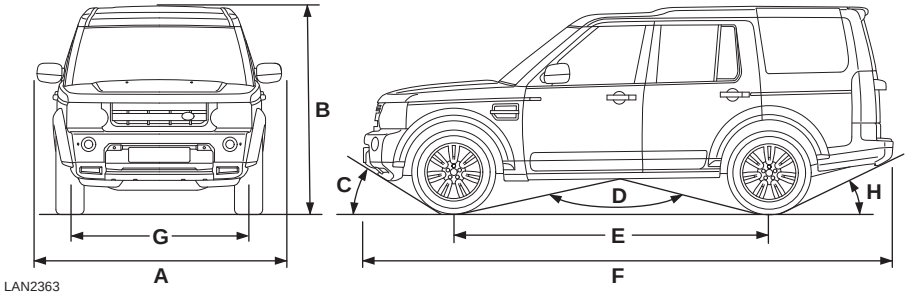
Capacity	5 000 cm^3
Firing order	1-5-4-2-6-3-7-8
Bore	92.5 mm
Stroke	93.0 mm
Number of cylinders	8
Compression ratio	11.5:1

Weights

Weights	Metric (kg)	Imperial (lb)
EC kerb weights from (including full fuel tank)		
4.0 Petrol engine vehicles	2 396	5 282
5.0 Petrol engine vehicles	2 548	5 617
2.7 Diesel engine vehicles (5 seat)	2 476	5 459
2.7 Diesel engine vehicles (7 seat)	2 546	5 613
3.0 Diesel engine vehicles	2 583	5 695
Maximum gross vehicle weight (GVW)		
4.0 Petrol engine vehicles	3 240	7 143
5.0 Petrol engine vehicles	3 240	7 143
2.7 Diesel engine vehicles (5 seat)	3 180	7 011
2.7 Diesel engine vehicles (7 seat)	3 240	7 143
3.0 Diesel engine vehicles	3 240	7 143
Maximum front axle load		
All vehicles	1 450	3 197
Maximum rear axle load		
4.0 Petrol engine vehicles	1 855	4 090
5.0 Petrol engine vehicles	1 855	4 090
2.7 Diesel engine vehicles (5 seat)	1 840	4 057
2.7 Diesel engine vehicles (7 seat)	1 855	4 090
3.0 Diesel engine vehicles	1 855	4 090

Note: *Axle weights are non-additive. The individual maximum axle weights and gross vehicle weight must not be exceeded.*

Dimensions - Air suspension vehicles

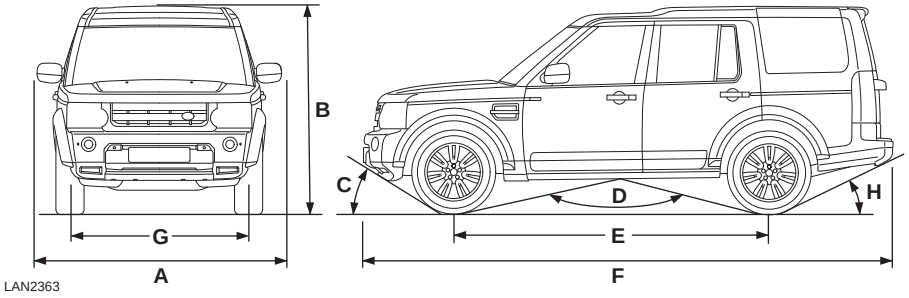


Ref.	Dimension	Metric	Imperial
A	Overall width	2 176 mm	85.7 in.
B	Overall height		
	- Access height	1 888 mm	74.3 in.
	- Standard height	1 938 mm	76.3 in.
	- Off-road height	1 993 mm	78.5 in.
C	Approach angle (at EEC kerb weight and off-road height)	37.2°	
D	Ramp breakover angle (at EEC kerb weight and off-road height)	152.1°	
E	Wheelbase	2 885 mm	113.6 in.
F	Overall length	4 838 mm	190.5 in.
	Overall length (including tow hitch - to centre of tow ball)	4 913 mm	193.4 in.
G	Track:		
	- Front	1 605 mm	63.2 in.
	- Rear	1 612.5 mm	63.5 in.
H	Departure angle without tow hitch (at EEC kerb weight and off-road height)	29.6°	
	Departure angle with tow hitch (at EEC kerb weight):		
	- Standard ride height	15.7°	
	- Off -road ride height	18.5°	
	Wading depth		

Technical specifications

Ref.	Dimension	Metric	Imperial
	- Standard height	600 mm	24 in.
	- Off-road height	700 mm	28 in.
	Minimum ground clearance (off-road height)	240 mm	9.44 in.
	Maximum gradient, nose up/down		
	- Continuous operation	35°	
	- Drive-through	45°	
	Turning circle	11.45 metres	37.56 ft
	Wheel alignment (Total)		
	- Front	-0.16° ±0.2°	-10' ± 12'
	- Rear	0.16° ±0.2°	10' ± 12'
	Brake pedal free travel	Not adjustable	
	Clutch pedal free travel	Not adjustable	

Dimensions - Coil spring suspension vehicles



Ref.	Dimension	Metric	Imperial
A	Overall width	2 176 mm	85.7 in.
B	Overall height	1 887 mm	74.29 in.
C	Approach angle (at EEC kerb weight)	32.2°	
D	Ramp breakover angle (at EEC kerb weight)	157.2°	
E	Wheelbase	2 885 mm	113.6 in.
F	Overall length	4 838 mm	190.5 in.
	Overall length (including tow hitch - to centre of tow ball)	4 913 mm	193.4 in.
G	Track:		
	- Front	1 605 mm	63.2 in.
	- Rear	1 612.5 mm	63.5 in.
H	Departure angle without tow hitch (at EEC kerb weight)	24.9°	
	Departure angle with tow hitch (at EEC kerb weight)	15.7°	
	Wading depth	600 mm	24 in.
	Minimum ground clearance (off-road height)	185 mm	7.3 in.
	Maximum gradient, nose up/down		
	- Continuous operation	35°	
	- Drive-through	45°	
	Turning circle	11.45 metres	37.56 ft

Technical specifications

Ref.	Dimension	Metric	Imperial
	Wheel alignment (Total)		
	- Front	-0.16° ±0.2°	-10' ± 12'
	- Rear	0.16° ±0.2°	10' ± 12'
	Brake pedal free travel	Not adjustable	
	Clutch pedal free travel	Not adjustable	