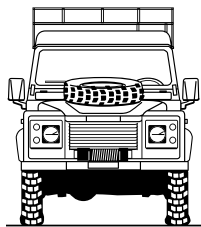




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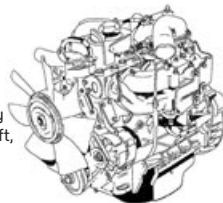


300 Tdi, 1994-2006

Defender Engines

2.5 Litre Petrol, 1984-1994

Number of cylinders	4-cylinder, in-line
Bore	90.47 mm (3.562 in)
Stroke	97 mm (3.819 in)
Capacity	2,495 cc (152.3 cu in)
Block/head	Cast iron/aluminium alloy
Valves	OHV, belt-driven camshaft, push-rod operated
Maximum power	83 hp at 4,200 rpm
Maximum torque	133 lb. ft. at 2,000 rpm
Compression pressure	8:1



2.5 Litre Petrol

3.5 Litre Petrol V8, 1983-1994

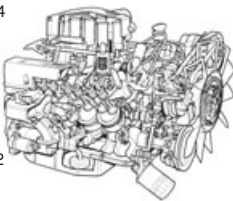
Number of cylinders	8-cylinder, two banks of 4
Bore	88.9 mm (3.500 in)
Stroke	71.12 mm (2.800 in)
Capacity	3,947 cc (241 cu in)
Valve operation	Overhead by push-rod
Maximum power — B.H.P.	114 at 4,000 rpm
Maximum torque	185 lb. ft. at 2,500 rpm
Firing order	1-8-4-3-6-5-7-2



3.5 Litre Petrol V8

3.9 Litre Petrol V8, 1993-1996

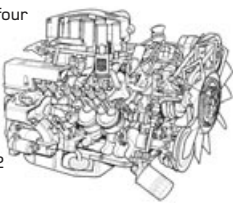
Number of cylinders	8-cylinder, two banks of 4
Bore	93.98 mm (3.700 in)
Stroke	71.12 mm (2.800 in)
Capacity	3,947 cc (241 cu in)
Valve operation	Overhead by push-rod
Maximum power — B.H.P.	182 at 4,750 rpm
Maximum torque	232 lb. ft. at 3100 rpm
Firing order	1-8-4-3-6-5-7-2
Piston speed at 4,500 rpm	2,719 ft/min (826 m/min)
Compression pressure	9.35:1 (135 lb/sq.in)
Oil pressure, engine warm	30-45 PSI



3.9 Litre Petrol V8, EFI

4.0 Litre Petrol V8, 1997

Number of cylinders	8-cylinder, two banks of four
Bore	94.0 mm (3.700 in)
Stroke	71.0 mm (2.913 in)
Capacity	3,947 cc (241 cu in)
Valve operation	Overhead by push-rod
Maximum power — B.H.P.	182 at 4,750 rpm
Maximum torque	233 lb. ft. at 3000 rpm
Firing order	1-8-4-3-6-5-7-2
Piston speed at 4,500 rpm	2,719 ft/min (826 m/min)
Compression ratio	9.35:1 (135 lb/sq.in)
Oil pressure, engine warm	30-45 PSI

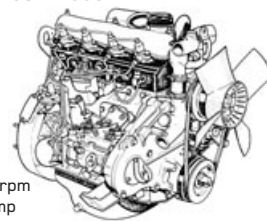


4.0 Litre Petrol V8, EFI

Technical Information Land Rover DEFENDER

2.5 Litre NA Diesel, 11J - 15J Naturally Aspirated 1984-1993

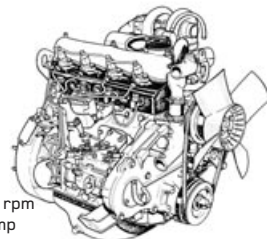
Number of cylinders	4-cylinder, in-line
Bore	90.47 mm (3.562 in)
Stroke	97 mm (3.819 in)
Capacity	2,495 cc (152.3 cu in)
Block/head	Cast iron/cast iron
Valves	OHV, belt-driven camshaft, push-rod operated
Maximum power	68 hp (50 kW) @ 4,200 rpm
Maximum torque	114 lbf-ft (155 N-m) @ 1,800 rpm
Fuel injection	Lucas-CAV DPS rotary pump CAV Pintaux injectors
Compression ratio	21:1



2.5 Litre NA Diesel
11J - 15J

19J 2.5 Litre Diesel TURBO, 1986-1990

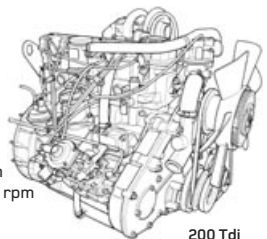
Number of cylinders	4-cylinder, in-line
Bore	90.47 mm (3.562 in)
Stroke	97 mm (3.819 in)
Capacity	2,495 cc (152.3 cu in)
Block/head	Cast iron/cast iron
Valves	OHV, belt-driven camshaft, push-rod operated
Maximum power	85 hp (80 kW) @ 4,250 rpm
Maximum torque	150 lbf-ft (205 N-m) @ 1,800 rpm
Fuel injection	Lucas-CAV DPS rotary pump CAV Pintaux injectors
Induction	Garrett T2 turbocharger
Compression ratio	21:1



19J 2.5 Litre Diesel TURBO

200 Tdi, 1990-1994

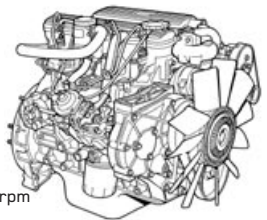
Number of cylinders	4-cylinder, in-line
Bore	90.47 mm (3.562 in)
Stroke	97 mm (3.819 in)
Capacity	2,495 cc (152.3 cu in)
Block/head	Cast iron/aluminium alloy
Valves	OHV, belt-driven camshaft, push-rod operated
Maximum power	107 hp (80 kW) @ 3,900 rpm
Maximum torque	188 lbf-ft (255 N-m) @ 1,800 rpm
Fuel injection	Bosch VE rotary pump and Bosch two-stage injectors
Induction	Garrett T25 turbocharger
Compression ratio	19:1



200 Tdi

300 Tdi, 1994-2006

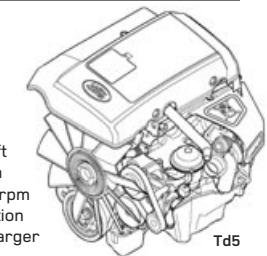
Number of cylinders	4-cylinder, in-line
Bore	90.47 mm (3.562 in)
Stroke	97 mm (3.819 in)
Capacity	2,495 cc (152.3 cu in)
Block/head	Cast iron/aluminium alloy
Valves	OHV, belt-driven camshaft, push-rod operated
Maximum power	111 hp (83 kW) @ 4,250 rpm
Maximum torque	195 lbf ft (264 Nm) @ 1,800 rpm
Fuel injection	Bosch VE rotary pump and Bosch two-stage injectors
Induction	Allied Signal T25 turbocharger
Compression ratio	19:1



300 Tdi

Td5, 1998-2006

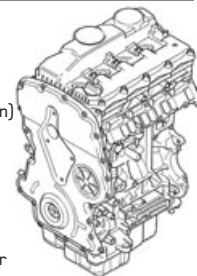
Number of cylinders	5-cylinder, in-line
Bore	94 mm (3.70 in)
Stroke	71.1 mm (2.80 in)
Capacity	2,493 cc (152.1 cu in)
Block/head	Cast iron/aluminium alloy
Valves	OHC, chain-driven camshaft
Maximum power	122 hp (91 kW) @ 4,850 rpm
Maximum torque	221 lbf ft (300 Nm) @ 1,950 rpm
Fuel injection	Lucas Electronic Unit Injection
Induction	Allied Signal GT20 turbocharger
Compression ratio	19.5:1



Td5

TDci 2.4 2007-2012 / 2.2 Litre 2012-2016

Number of cylinders	4-cylinder, in-line
Bore	89.9/86 mm (3.54/3.38 in)
Stroke	94.6 mm (3.72 in)
Capacity	2,402 cc/2,198 cc (146.6/134 cu in)
Block/head	Compacted graphite iron (CGI)/aluminium alloy
Valves	DOHC, 4 per cylinder
Maximum power	122 ps (90 kW) @ 3,500 rpm
Maximum torque	265 lbf ft (360 Nm) @ 2,000 rpm
Fuel injection	Common rail direct injection
Induction	Variable geometry turbocharger
Compression ratio	19:1/15.6:1



2.4/2.2 TDci