

## Evolution of the Nissan Patrol Engine in Australia

### Engine Specifications

Vehicle	Engine Series	Description	Bore x Stroke	Capacity	Comp. Ratio	Max. Power	Max. Torque
<b><u>Patrol 60 series</u></b>							
1960 - 10/1979	P	4.0 litre, water cooled, petrol engine, 6 Cylinder, in-line, OHV	85.7mm x 114.3mm	3956 cc	7.6:1	145 Bhp @ 3800 R/min	235 Ft lb. @ 2000 R/min
<b><u>Patrol 160 (MQ)</u></b>							
11/1979 - 07/1989	L28	2.8 litre, water cooled, petrol engine, 4 cycle, 6 cylinder in-line OHC	86mm x 79mm	2753 cc	8.6 :1	88kw @ 4800 R/min (Din)	201 Nm @ 3200 R/min (Din)
	P40	4.0 litre, water cooled, petrol engine, 4 Cycle, 6 Cylinder in-line, OHV	85.7mm x 114.3mm	3956 cc	7.6:1	89.5kw @ 3200 R/min (Din)	280 Nm @ 2000 R/min (Din)
	SD33	3.3 litre, water cooled, diesel engine, 4 cycle, 6 cylinder, in-line, OHV	83mm x 100mm	3246 cc	20.8:1	70kw @ 3600 R/min (Din)	215 Nm @ 1800 R/min (Din)
	SD33T	3.3 litre, water cooled, diesel engine, turbo charged 4 cycle, 6 cylinder, in-line, OHV	83mm x 100mm	3246 cc	21.6:1	80.9 kw @4000 R/min (Din)	255 Nm @ 2000 R/min (Din)
<b><u>Patrol Y60 (GQ)</u></b>							
Wagon - up to 10/1997	RD28T	2.8 litre, water cooled, diesel engine, turbo charged, 4 Cycle, 4 Cylinder, in-line, OHC, precombustion chamber	85mm x 83mm	2826 cc	21.2:1	85kw @ 4400 R/Min (Din)	235 Nm @ 2400 R/min (Din)
Cab Chassis - up to 02/1999	RB30	3.0 litre, water cooled, petrol engine, carburettor, 4 Cycle, 6 Cylinder, in-line OHC, cross flow cylinder head	86mm x 85mm	2962 cc	9.0:1	100kw @ 4800 R/min (Din)	224 Nm @ 3000 R/min (Din)
	TB42	4.2 litre, water-cooled, petrol engine, 4 Cycle, 6 Cylinder, in-line, OHV, Crossflow cylinder head, high camshaft	96mm x 96mm	4169 cc	8.3:1	125kw @ 4200 R/min (Din)	325 Nm @2800 R/min (Din)
	TB42E	4.2 litre, water-cooled, EFI petrol engine, 4 Cycle, 6 Cylinder, in-line OHV, Crossflow cylinder head, high camshaft	96mm x 96mm	4169 cc	8.5:1	129kw @ 4000 R/min (Din)	330 Nm @ 3200 R/min (Din)
	TD42	4.2 litre, water-cooled, diesel engine, 4 Cycle, 6 Cylinder, in-line, OHV, Crossflow cylinder head, high camshaft, Precombustion chamber	96mm x 96mm	4169 cc	22.7:1	85kw @ 4000 R/min (Din)	264 Nm @ 3200 R/min (Din)

Vehicle	Engine Series	Description	Bore x Stroke	Capacity	Comp. Ratio	Max. Power	Max. Torque
<b>Patrol Y61 (GU)</b>							
<b>Wagon 10/1997 on</b>	TB45E	4.5 litre, water cooled, petrol engine, 6 Cylinder, in-line, OHV,	99.5mm x 96mm	4479 cc	8.5:1	145kw @4400 R/min	350Nm @3600 R/min
	RD28Ti	2.8 litre, water cooled, diesel engine, turbo, 6 Cylinder, with intercooler, OHC	85mm x 83mm	2825 cc	21.8:1	95kw @ 4000 R/min - Manual	252 Nm @ 2000 R/min - Manual
	TD42	4.2 litre, water cooled, diesel engine, 4 Cycle, 6 Cylinder, OHV	96mm x 96mm	4169 cc	22.7:1	91 kw @ 4000 R/min	272 Nm @ 2000 R/min
	TD42T	4.2 litre, water cooled,diesel engine, turbo, 4 Cycle, 6 Cylinder, OHV,	96mm x 96mm	4169 cc	22.7:1	114 kw @ 3600 R/min	330 Nm @ 2000 R/min
	TD42Ti	4.2 litre, water cooled, turbo diesel, intercooled, 6 Cylinder, OHV,	96mm x 96mm	4169 cc	22.7:1	114 kw @ 3600 R/min	360 Nm @ 2000 R/min
	ZD30DDTi	3.0 litre, water cooled, turbo diesel, intercooled, DOHC	96mm x 102mm	2953 cc	17.9:1	118kw @ 3600 R/Min - Auto	354 Nm @ 2000 R/Min - Auto
	ZD30DDTi	3.0 litre, water cooled, turbo diesel, intercooled, common rail, DOHC, from 01/2007	96mm x 102mm	2953 cc	17.9:1	118kw @ 3600 R/Min - Auto	354 Nm @ 2000 R/Min - Auto
<b>Patrol TY61</b>							
<b>Cab Chassis 02/1999 on</b>	TD42	4.2 litre, water cooled, diesel engine, 4 Cycle, 6 Cylinder, OHV	96mm x 96mm	4169 cc	22.7:1	91 kw @ 4000 R/min	272 Nm @ 2000 R/min
	TD42T	4.2 litre, water cooled, turbo diesel engine, 4 Cycle, 6 Cylinder, OHV	96mm x 96mm	4169 cc	22.7:1	114 kw @ 3600 R/min	330 Nm @ 2000 R/min
	TD42Ti	4.2 litre, water cooled, turbo diesel, intercooled, 6 Cylinder, OHV	96mm x 96mm	4169 cc	22.7:1	114 kw @ 3600 R/min	360 Nm @ 2000 R/min
	ZD30DDTi	3.0 litre, water cooled, turbo diesel, common rail, intercooled, DOHC from 01/2007	96mm x 102mm	2953 cc	17.9:1	118kw @ 3600 R/Min - <b>Auto</b> 118kw @ 3200 - 3400 R/Min - <b>Manual</b>	354 Nm @ 2000 R/Min - <b>Auto</b> 380 Nm @ 2000 - 2400 R/Min - <b>Manual</b>