



364 Edward Street P. +61 2 6925 4348
Wagga Wagga NSW 2650 F. +61 2 6925 3314

if it's diesel injection or turbo DENCO DO IT.

FITTING INSTRUCTIONS

**NISSAN TD42T POWER UPGRADE USING
SCHWITZER S2A CORE AND DENCO TURBINE
HOUSING AND 3 BOLT COMPRESSOR COVER
WITH FACTORY INTERCOOLER**

As at 22.12.08

1. Remove complete exhaust system, original turbo and small turbo heat shield and Turbine Bracket.
2. Remove oil in pipe and drill out hole in 2 bolt plate to 9/64 or 3.5mm to allow more oil to turbo then thoroughly clean, and reassemble. Oil in plate may have to be ground to fit past turbo mounting bolt.
3. Leave original turbo hose in place.
4. Remove cast air in pipe from original turbo and bolt to front of upgrade turbo.
5. Bolt on new turbo and connect oil inlet and outlet.
6. Fit 90° elbow to dump pipe, then engine pipe, muffler, 56° elbow, Station Wagon 45° for cab chassis and finally tail pipe using appropriate hangers and clamps.
7. Reconnect air cleaner pipe to turbo air in pipe.
8. Connect to intercooler pipe using long 90° 2 inch aluminium casting and turbo hose and clamps supplied.
9. Unlock primary fuel locknut on top of fuel pump and using 4mm Allen key, move the screw clockwise half a turn.
10. Fit test boost gauge and pyrometer, check oil and water.
11. Start engine and allow it to idle for 5 minutes whilst checking for oil and air leaks.
12. Road or dyno test and adjust boost to 15 PSI maximum, at turbo (do not exceed) and maximum pyrometer reading should not exceed 550°.

PARTS LISTING FOR NISSAN TD42T UPGRADE WITH INTERCOOLER

ITEM	QTY	PART NO	DESCRIPTION	CHECK
1	1	311301	Core assembly S2A	
2	1	TDM142.52	Turbine Housing	
3	1	TDM305	3 bolt Compressor Cover	
4	1	6020	BH V Band	
5	Set		BH 0° CC 48° T.H. 45° 14 PSI	
6	1	TDM011	Actuator Bracket	
7	1	445963-7	13 PSI Actuator	
8	6	0057-06-12	M6 x 12 Bolts and spring washers	
9	3	185166	CC Plates	
10	5	TDM010	M8-SS Studs	
11	5	03662	M8 Lock Nuts	
12	1	TDM458	TD42 Dump pipe with plug	
13	3	TDM381	M10 SS Studs	
14	3	03367	M10 Lock nuts	
15	1	GMG095	3 bolt Gasket	
16	1	313617	TH Base gasket	
17	1	826-623	¼ UNF nut	
18	2	NCC-14NF	¼ UNF Coneluck nuts	
19	1	2L	2 " long 90° aluminium casting	
20	1	670BLK-200	2 ½" of 2" Turbo hose	
21	2	HS32	No 32 Hose Clamps	
22	1	311585	Oil out gasket	
23	1	147837	Oil in gasket	
24	1	05D00	Triangle Gasket	
Exhaust system 2 ½" Station Wagon				
	1	TDM459	2 ½ X 90° No 1 pipe(both models) 3 bolt flange	
	1	DDTD42-3MB	Long engine pipe (110mm off rear, station wagon only)	
	1	TR616CC250-GP	2 ½ " muffler	
	1	DDTD42T-56	56° elbow(45° for cab chassis)	
	1	DDTD42-5MB	Tail pipe	
	1	TDM014	No 1 bracket (station wagon)	
	1	TDM017	No 2 bracket (station wagon)	
	1	TDM230	No 3 bracket (station wagon)	
	1	TDM095	Tail pipe hanging rod (station wagon)	
	6	C12	2 5/8 Exhaust clamp	
Exhaust system 2 ½" Cab Chassis				
	1		2 ½" x 90° elbow 3 bolt flange	
	1	DDTD42-3MB	Long engine pipe ex. and notched short end	
	1	TR616CC250-	2 ½ " muffler	

		GP		
	1	DDTD42-4MB	2 1/2 " x 45° pipe	
	1	DDTD42-5MB	Tail pipe ex and notch on triple bent end	
	4	C12	2 5/8 exhaust clamps	
	1	TDM013	Support bracket 1 hole type	
	1	TDM015	Angle support bracket	
	1	TDM016	Rear L shaped bracket	
	1	TDM017	Engine pipe bracket (spear type)	
	1	TDM014	Support bracket 2 hole type	
Exhaust System 3" Wagon				
	1	3E5411M	Engine Pipe	
	1	3M5792	Muffler	
	1	3T5029	Tail Pipe	
	1	JE93176	3" 2 bolt gasket	
	2	826-0754	10mm x 35mm bolts	
	2	826-6202	10mm nuts	
	2	826-7077	10mm spring washers	
	1	C17	3 1/8 exhaust clamp	
Exhaust System 3" Ute				
	1	3E5411M	Engine Pipe	
	1	3M5746	Muffler	
	1	3T5028	Tail pipe with bracket	
	1	JE93176	3" x 2 bolt gaskets	
	2	826-0754	10mm x 35mm bolts	
	2	826-6202	10mm nuts	
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