



364 EDWARD STREET WAGGA WAGGA NSW 2650
PHONE 02 69 254 348 FAX 02 69 253 314

www.dencodiesel.com

FITTING INSTRUCTION FOR UNIVERSAL 6-8 AND 10 INCH INTERCOOLER BARRELL

All 3 sizes have a 4 inch diameter with 2 ¼ charge air inlet and outlets and ¾ inch coolant fittings for total length of intercooler barrel, add 5 ½" to the size eg, a 6" barrel is 11 ½" long which includes tapered ends.

1. The intercooler barrel can be mounted anywhere so long as you can pipe the charge air from turbo to inlet manifold. **Naturally the shorter the distance the better.**
2. The coolant radiator and fan assy needs a minimum of 10" x 12" x 4" thick and is normally mounted in front of the engine radiator behind the grill, however behind bulbar or protected area under a Ute body is ok so long as the fan can blow air through it and stones cannot damage it. NOTE: Do not ridged mount radiator to any part of vehicle, which will flex and crack radiator.
3. The filler and cap assy should always be higher than the rest of the system.
4. The coolant pump should always be at the lowest point in the system and should be pumping to the intercooler barrel not away from it. Bottom fitting on radiator to coolant pump inlet.
5. The coolant should flow through the barrel in opposite direction of charge air.
6. The pump and fan should only start with ignition on.
7. The Universal wiring loom may have to be lengthened in some instances. The universal kit uses 5 metres of heater hose. If more hose is required Denco can supply plastic joiners and 90° plastic and rubber elbows. Joiners and 90° elbows can also be purchased from garden and irrigation suppliers, rubber heater hose in all shapes from Auto Suppliers.
8. When all is fitted make sure coolant is mixed to specification. Fully bled through system and no air bubbles can be seen in filler assy.

Note: Because of a drop of charge air pressure across the intercooler boost pressure should be increased back to original pressure at intake manifold. This means shortening the waste gate actuator rod or on some turbos with actuator bracket mounted on front of compressor cover shim washers can be placed behind actuator bracket.

Denco has a range of 50-60-70-80-90mm extension rods threaded internally to ¼ UNF for making actuator rod adjustable

DENCO UNIVERSAL INTERCOOLER SYSTEM PARTS LIST

NO.	QTY.	PART NO	DESCRIPTION	BIN NO.	CHECK.
1	1	0160	Fan Assy		
2	1	RADSTD	Radiator Assy		
3	1	REM-FIL	Filler Body Assy with stud and nut		
4			Filler Assy mounting bracket		
5	1	UNIVERSAL	Wiring harness		
6	1	RC90PR	Filler Cap		
7	2	TDM480	½ BSP x ¾ hose straight fitting (2 for universal)		
8	1	3401BARB	4mm overflow barb fitting		
9	1		4mm overflow hose 300mm long		
10	1	9010	Water pump		
11	1	BAR.....	Intercooler barrel 6" 8" and 10" available		
12	2	670BLK-225	2 ¼ of 2 ¼ turbo hose		
13	1	80273	5mtrs ¾ heater hose		
14	4	HS36	No. 36 hose clamps		
15	1	56490	40mm saddle clamp		
16	10	56404	200mm zip ties		
17	1	56730	300mm split protector		
18	8	HS10	No 10 hose clamps		