

VERY IMPORTANT NOTE

This Revotec Cooling Kit has been engineered to provide perfect cooling for your Discovery/Defender. However it is essential the other components of the cooling system are operating correctly.

The following must be checked:

1. The Radiator has a normal life expectancy of approx 8-9 Years after this time It should be thoroughly assessed and any signs of deterioration such as furring up internally or out of shape it is recommended it is replaced.
 2. The Radiator fins Must be clear of all debris such as mud and leaves.
 3. The system Must be filled with Correct Coolant.
 4. The Water Pump and thermostat must be operating correctly.

1. In order to correctly install this kit it will be necessary to remove the radiator from the vehicle, follow the instructions for the specific year vehicle as explained in a workshop manual such as those produced by Haynes.

2. Remove the Viscous Fan and Fan shroud from the radiator.

3. Locate and insert the 4 x Spacer Grommets (**Fig 1 & 2**)

4. Assemble the Fan to the Shroud (so that the fan will be between the shroud and radiator core) using the 4 x M6 Buttons screws as shown (**Fig 3**). Ensuring the hex head will be facing the radiator core when mounted and the washers are between the Nyloc Nut and the shroud (**Fig 3**).

5. Thermostat Mounting Plate (If Required) Mount the thermostat mounting plate using the 3 x M6 Button Screws again ensuring the button is facing the radiator core (**Fig 4**). Fit the 2 Cable Tie Mounts with the 2 x M5 Button Head Screws to re mount the Thermostat with the 2 large cable ties.

6. Mount the relay from the Fan Controller using the M5 Button Head screw again ensuring the hex head will be facing the radiator core and the washer is below the nut in the 6mm hole for mounting the relay as shown (**Fig 5**).

5. Carefully fit the shroud to the radiator. The fan should be on the engine side and located as far to the left as possible (Viewed from the front of vehicle **Fig 7**) to ensure the fan motor does not foul the viscous fan pulley. Insert the 3 x tension bars and secure using the 3 x M6 Domed Nyloc nuts and washers on top of the shroud these should be screwed to the short thread end of the tension bar and the 3 x M6 Nyloc Nuts and washers on the lower (**Fig 6**).

DO NOT OVERTIGHTEN.

6. Re fit the radiator with the complete fan assembly (**If Required**). remount the Thermostat. Re-attach the expansion bottle pipe to the top of the shroud using the 4 x 4.8 mm cable ties supplied and follow the separate fitting and set up instructions for the Revotec Fan Controller. The Controller has an extended positive feed wire with sufficient cable to be fed around the bulkhead and into the fuse box for connection to a live feed. Both the fan controller and Fan Earth connections must be made to a good chassis/body point. Not the radiator or fan shroud.

Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7