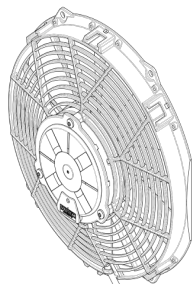
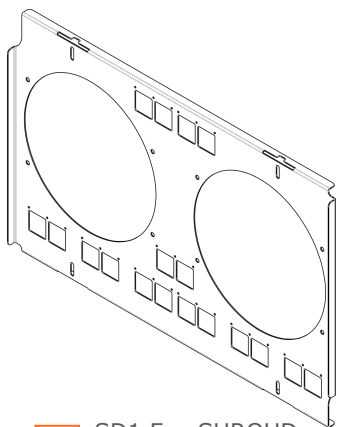


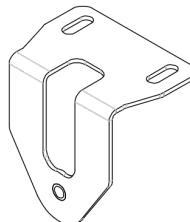
KIT CONTENTS



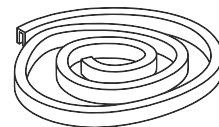
10" HIGH POWER SUCTION FAN
Part No. FAN0193HP
x2



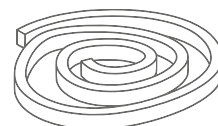
SD1 Fan SHROUD
Part No. '130224'
x1



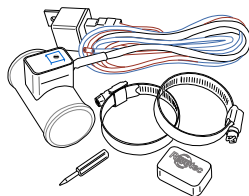
SD1 BRACKET
Part No. '130225'
x4



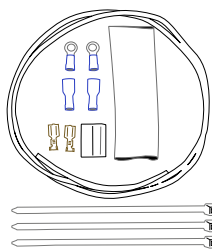
RUBBER EDGE
Part No.080018
600mm LENGTH
x2



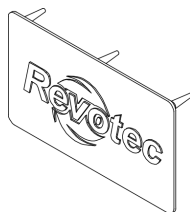
SELF ADHESIVE NEOPRENE FOAM STRIP
Part No.170006
1m LENGTH
x2



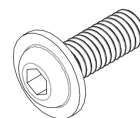
ELECTRONIC FAN CONTROLLER
Part No. 'EFC35'
x1



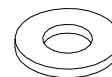
TWIN FAN EARTH KIT
Part No. 140029
x1 Kit



RUBBER FLAP
Part No.080017
x9



M6x16 FLANGE BOLT x12



M6 WASHER
x8



M6 NYLOC
x8

SIGNED OFF BY: _____ DATE: _____

FUSE SIZING

To prevent damage if a cooling fan gets blocked, the circuit powering the fan circuit needs a time-delay type fuse with the correct amperage rating.
This installation uses 2x suction fans - part number FAN0193HP (F31P-12E8102-13B).
The nominal combined running current for both (**connected in parallel**) is 24 amps.

IMPORTANT NOTES

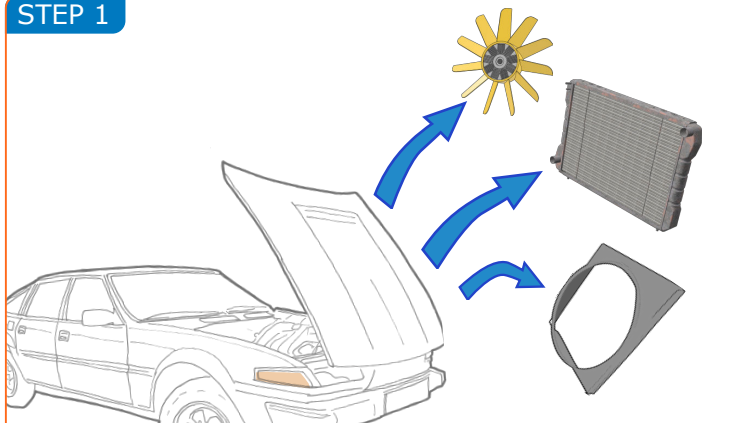
This Revotec cooling kit has been engineered to provide perfect cooling for your Rover SD1. However it is essential that the other components in the cooling system are operating correctly. The following must be checked:

1. The radiator has a normal life expectancy of approximately 8-9 years, after this time it should be thoroughly assessed and any signs of deterioration, such as furring up internally or distortion, a replacement is recommended.
2. The radiator fins must be clear of all debris such as mud and leaves.
3. The system must be filled with the correct coolant.
4. The water pump and thermostat must be operating correctly.
5. This kit is designed to fit original, unmodified vehicles only.
6. Due to the manufacturing techniques used at the time of your vehicle's production these instructions should only be used as a guide. There may be slight differences between two of the same models.

Installations are to be undertaken by a competent vehicle mechanic.
If in doubt, consult a qualified professional.

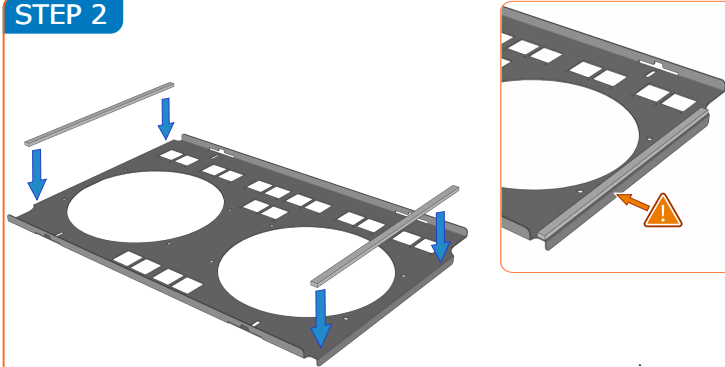
Always work in a safe environment and wear PPE where necessary.
Disconnect the vehicle battery before beginning installation.
Failure to comply with the above may result in your warranty being void.

STEP 1



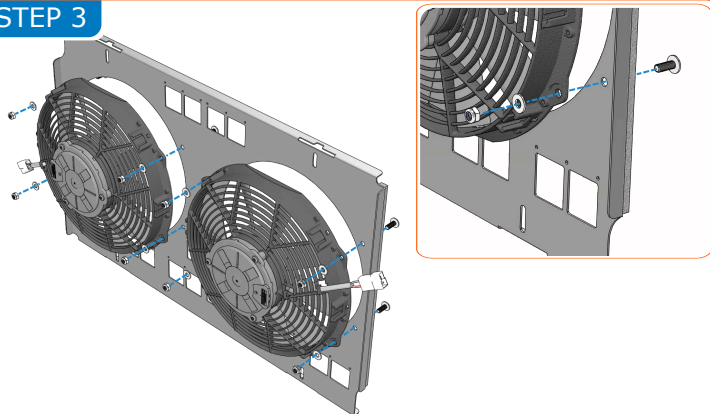
Disconnect the vehicle battery and drain the vehicle coolant system. Remove the viscous fan, radiator, and fan shroud according to the workshop manual. Retain the fan fixings and radiator fixings for later use. Ensure the oil cooler pipes have been disconnected and capped if fitted.

STEP 2



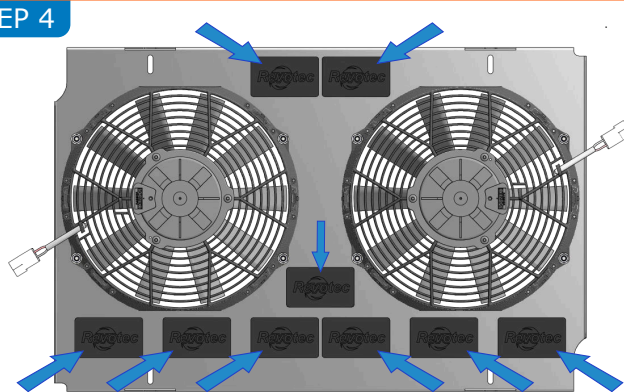
Lay the shroud flat on a workbench with the top and bottom returned edges facing upward (as shown above). You'll need two 335mm pieces of self-adhesive neoprene. Apply them along the full length of the large rear left and right edges only (as shown); do not apply them to the sides.

STEP 3



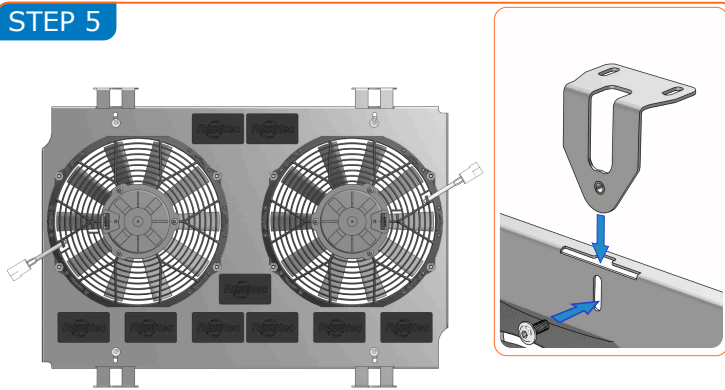
To attach the fans, position the shroud so its returned edges face away from the outer mounting face. Insert a bolt from the rear of the shroud, through both the shroud and the fan body. Secure each protruding bolt thread with an M6 washer and an M6 nyloc nut, being careful not to overtighten.

STEP 4



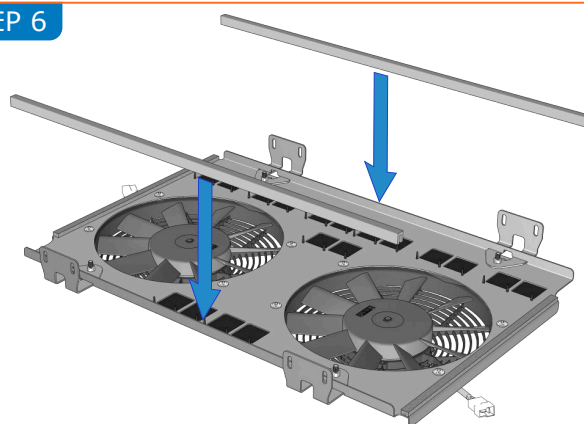
Attach the nine rubber flaps to the outer face (fan face). To ensure each flap lies flat against the shroud, pull its corresponding rubber pins through from the back.

STEP 5



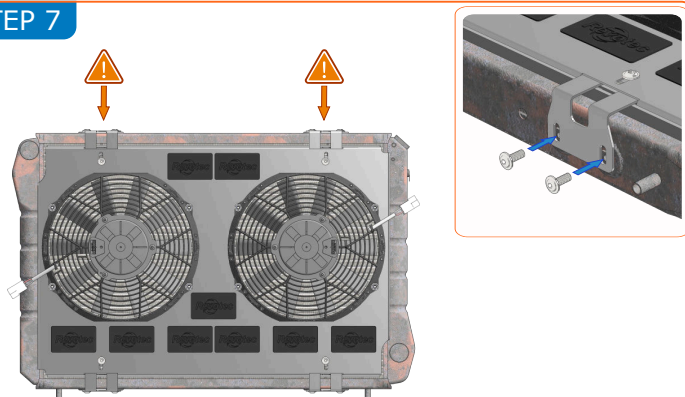
Next, fit the supplied brackets as shown. Slide them through the slots located in the top and bottom returned edges. Secure each bracket loosely with one of the supplied bolts, as adjustment may be necessary.

STEP 6



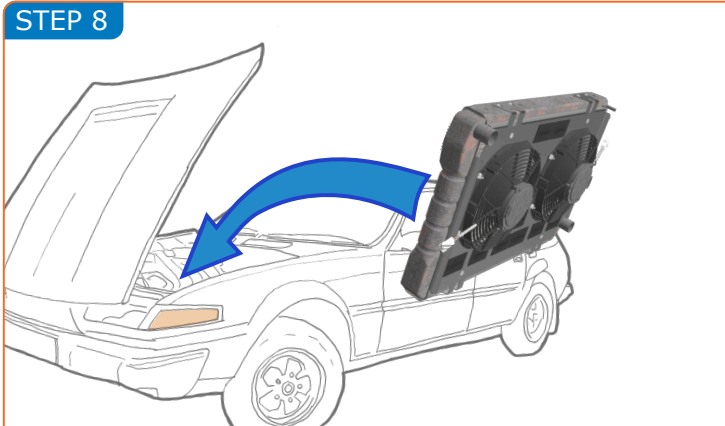
With the fan and shroud assembly laid flat on a workbench, cut the rubber edging into two 600mm pieces. Then, slide these pieces over the exposed returned edges.

STEP 7



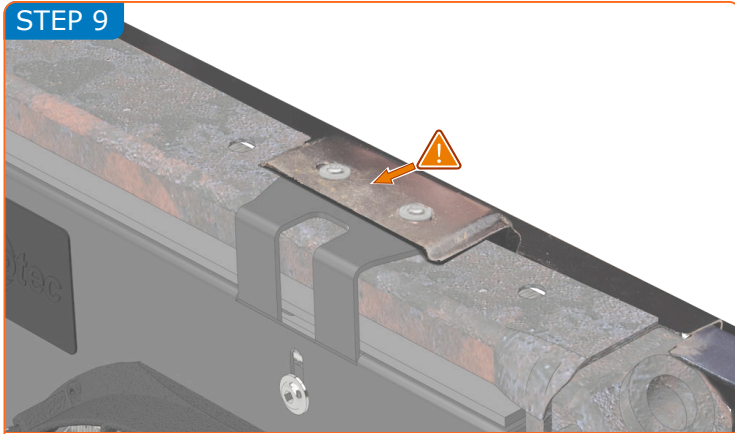
Place the vehicle radiator face-up on a workbench. Position the shroud assembly centrally over the radiator, ensuring a uniform gap surrounds it and that the rubber edging (from Step 7) touches the radiator core. Reinstall the bracket bolts removed in step 1 to secure the four brackets, but leave the top bolts loose.

STEP 8



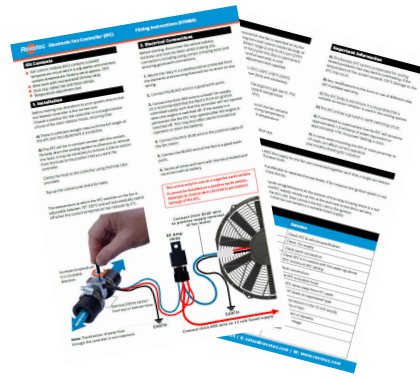
Take the assembly to the vehicle and put the radiator back in position. Make sure the lower radiator pins fully engage with the crossmember rubber cushions.

STEP 9



Remove the loosely fitted top bracket bolts. Pivot the radiator assembly so the fan shroud bracket sits atop the vehicle radiator bracket, then reinstall the bolts. Fully tighten all fixings. Finally, confirm the fans spin freely and the assembly isn't twisted, checking for a uniform gap around all fan blades.

STEP 10



Refer to EFC and Earth Fitting Instructions included in kits for next installation stage, prior to reconnecting all hoses and refilling with coolant (and oil if fitted).