

**INSTALLATION
INSTRUCTIONS**

**SURE-HEAT COOLANT PUMP SEAL
REPLACEMENT KIT**

Tools Required:

#1 Phillips Screwdriver

Parts Required:

114037 O-Ring

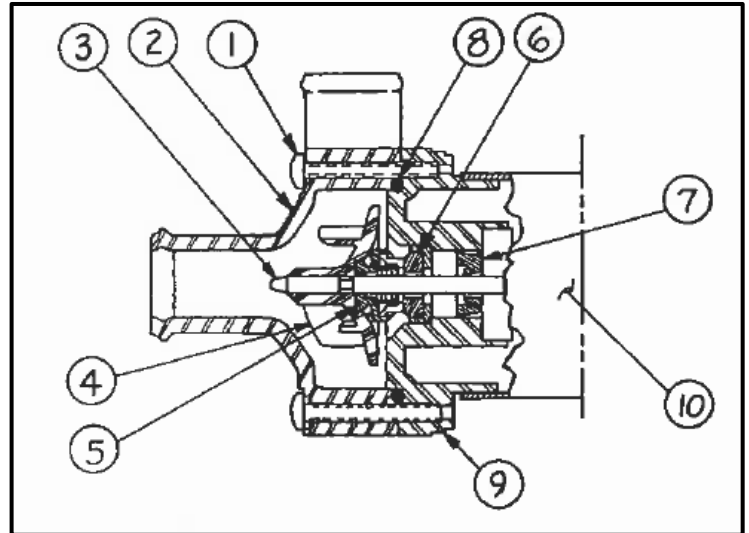
114038 Lip Seal

114039 Mechanical Seal

122094 Impeller

DISASSEMBLY PROCEDURE

1. Remove the four Phillips Screws (#1) which hold the Pump Body (#2) to the Motor Assembly (#10) and remove the Pump Body (#2). This step should expose the Motor Shaft (#3) and Pump Impeller (#4).
2. Pull the Impeller (#4) from the Motor Shaft (#3) using suitable tool(s).
3. Pull the Mechanical Seal (#5) off the Motor Shaft (#3).
4. Remove the Mechanical Seal Base (#6) from the Pump Base (#9) using a small screwdriver or a bent piece of wire.
5. Remove the Lip Seal (#7), for instance with a piece of bent steel wire.
6. Remove the O-Ring (#8) from the Pump Base (#9).



REASSEMBLY PROCEDURE

1. Lightly grease the Lip Seal (#7) and place it into the Pump Base (#9).



NOTE

The lip of the seal must face towards the Impeller (#4).

2. Lightly grease Motor Shaft (#3) and fit the Mechanical Seal Base (#6) over the Motor Shaft (#3) and into the Pump Base (#9).
3. Fit the Mechanical Seal (#5) over the Motor Shaft (#3).
4. Press the Impeller (#4) onto the Motor Shaft (#3) until it bottoms out on the step of the shaft.
5. Place the O-Ring (#8) onto the lip of the Pump Base (#9) and fit the Pump Body (#2) over the O-Ring (#8). Secure in place with the four Phillips Screws (#1) previously removed. Be careful not to over tighten and strip the threads.

WARRANTY

The Phillips & Temro Industries warranty statement is located on the website at phillipsandtemro.com/terms