

INSTALLATION INSTRUCTIONS

Part Number 336-100 Liquid Cooled Engine Heater

1. Determine the best location for the inline heater on the lower coolant hose leading to the water pump keeping in mind three factors.
 - a. The heater should be located as close to the engine as possible
 - b. A minimum of a 15° rise is required for the heater to operate properly
 - c. The heater and cord must be securely mounted without interference from hot surfaces or moving components.
2. Drain the coolant system
3. Cut the hose at the selected location; then temporarily install the heater in the hose and check for proper clearance and hose angle.

NOTE: The cord connector is to be positioned upward. Also, it may be necessary to cut up to 1 1/2" off the hose to return hose to original routing.

4. Remove the heater from the hose; then firmly press the female cordset connector onto the heater cord connector.
5. Place the hose clamps on each end of the cut hose; then install the heater. Tighten the hose clamps securely making sure the cord connector is positioned upward.
6. Route the cord back to the hood latch area. Secure cord and coolant hose (if necessary to maintain the minimum 15° angle) with cable ties.
7. Fill the cooling system with properly mixed coolant; then run the engine for 5-10 minutes, stop the engine, allow the engine to cool down, and check the coolant level. Add additional coolant as necessary. Check for leakage.

NOTE: Always connect the heater to a properly grounded 120 volt outlet. The heater is thermostatically controlled and is designed to be plugged in overnight; however, being plugged in for 2-4 hours is normally sufficient to maintain startability. Also, when using the heater, be sure the snowmobile is level so as to not adversely affect the required 15° rise in the coolant hose.

THANK YOU FOR CHOOSING HPE FOR YOUR SNOWMOBILING NEEDS