

RAYPAK REPLACEMENT PART INSTRUCTIONS

KIT 015095F RETURN HEADER REPLACEMENT FOR ALL RP2100 HEATERS
 MODELS WITH POLYMER HEADERS

IMPORTANT NOTICE

These instructions are primarily intended for use by qualified personnel specifically trained and experienced in the installation of this type of heating equipment and related system components. Installation and service personnel may be required to be licensed in some states. Persons not qualified shall not attempt to install this equipment nor attempt repairs according to these instructions.

DANGER - SHOCK HAZARD

Make sure electrical power to the heater is disconnected to avoid damage to components, potential serious personal injury or death. Make sure that gas to the heater has been shut off.

SCOPE

This kit provides a replacement for all Polymer Return Headers.

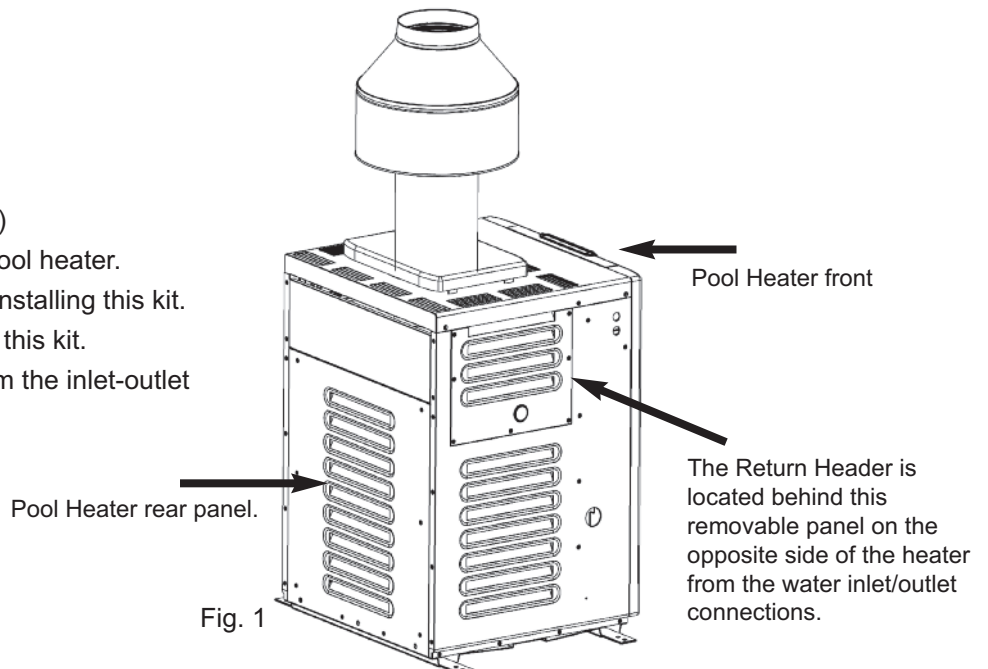
THIS KIT INCLUDES:

- (1) Polymer Return Header
- (1) Header O-Ring
- (1) Drain Plug
- (1) Drain Plug O-Ring



INSTRUCTIONS

1. Turn off the power to the heater.
2. Turn off the gas to the heater.
3. Turn off the power to the pool pump(s)
4. Isolate the water connections to the pool heater.
5. Allow the heater to cool down before installing this kit.
6. Identify the rear header and gasket in this kit.
7. Locate the service panel opposite from the inlet-outlet connections. (See Fig. 1)



8. Remove the Phillips head perimeter screws that hold the access panel in place.
9. Remove the twelve (12) 7/16" hex head nuts that secure the header. (See Fig. 2)
10. Remove the original rear (return) header. (See Fig. 2)
11. Clean the tube sheet of any debris, sealant, and any remains of the old gasket.

View of rear header mounted to heat exchanger with access panel removed.

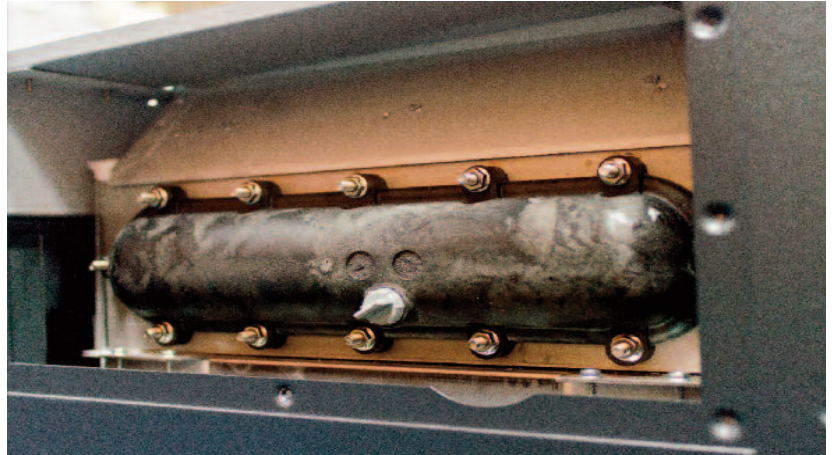


Fig. 2

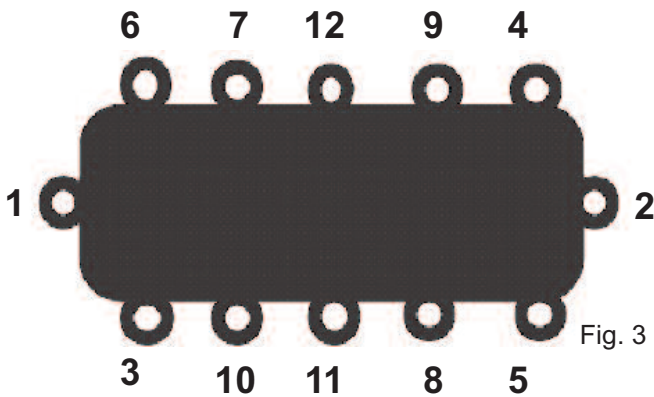


Fig. 3

BOLT TIGHTENING PATTERN:

Bolts must be tightened according to the pattern in Fig. 3 in ascending order. Torque specifications are 7FT/Lbs (±1/2). For field replacement, when no torque wrench is available, tighten nuts hand-tight, then turn 1/2 turn with a standard wrench.

12. The perimeter gasket that is installed in the groove of the header needs to be seated properly and lubricated with any silicone based lubricant.
13. Install the replacement header in place of the old header.
14. Re-Install the twelve (12) 7/16" hex head nuts that secure the header.
15. Follow the torque pattern (and tightening specifications) when tightening the nuts onto the stud bolts as shown in Fig. 3. If drain plug has not yet been installed into the return header, do so now.
16. Reinstall the Phillips head perimeter screws and the access panel.
17. **Reverse steps 4 to 1** to restart heater.