

RAYPAK REPLACEMENT INSTRUCTIONS

MEMBRANE SWITCH DECAL ALL RP2100 POOL HEATER R185A-R405A

IMPORTANT NOTICE

These instructions are primarily intended for the 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

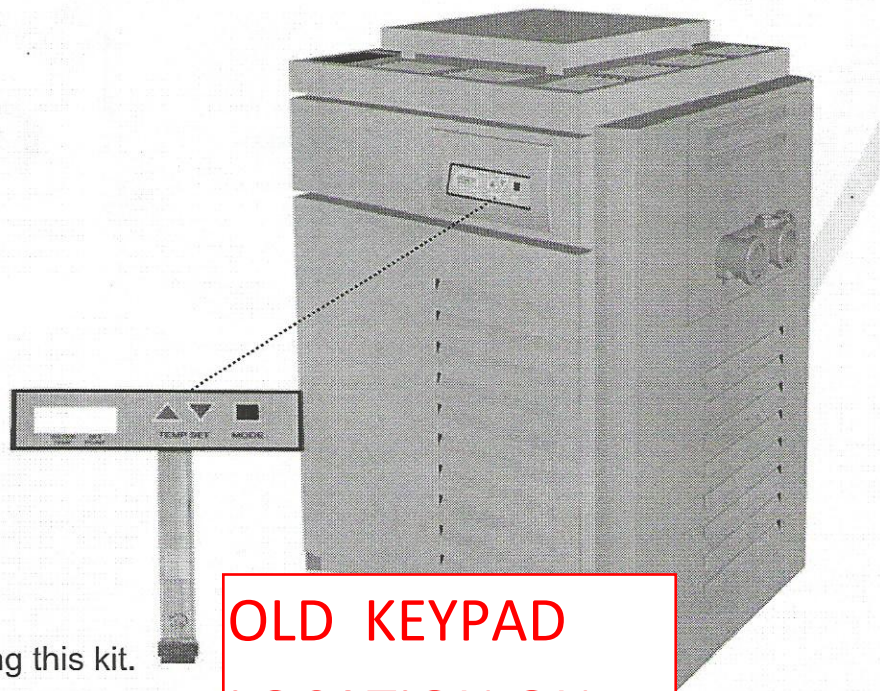
Make sure electrical power to the heater is disconnected to avoid damage to components, potential serious personal injury or death. Make sure the gas to the heater has been shut off.

SCOPE:

The components in this kit will provide suitable replacement for the above referenced models.

THIS KIT INCLUDES:

- (1) Membrane switch decal
- (1) Instructions



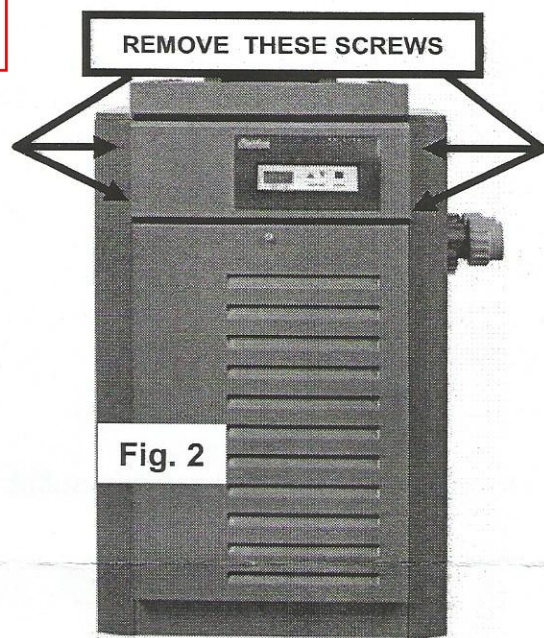
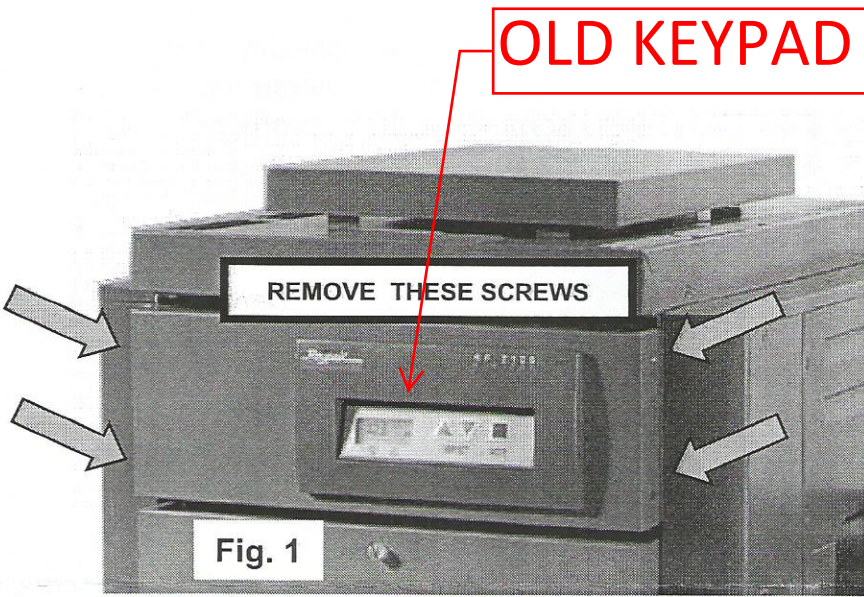
**OLD KEYPAD
LOCATION ON
HEATER FRONT**

INSTRUCTIONS:

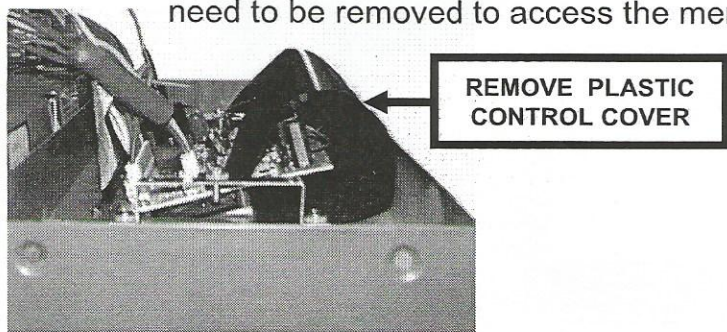
1. Turn off electricity to heater.
2. Turn off gas to heater.
3. Allow heater to cool down before installing this kit.

ACCESSING THE BOARD - MODELS

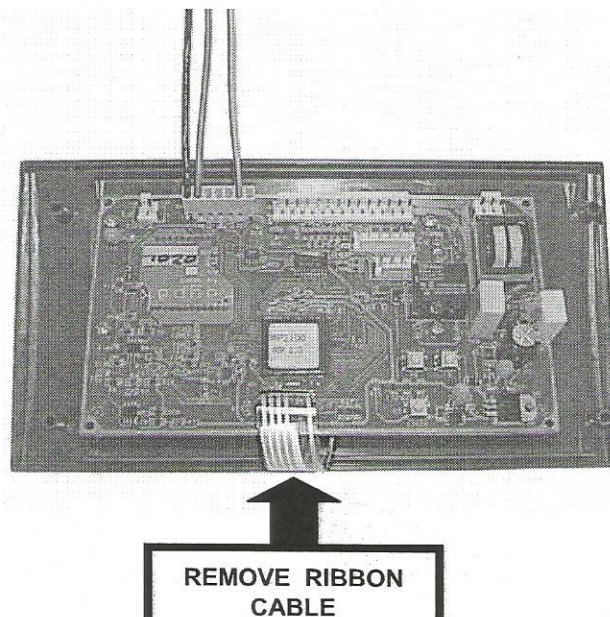
4. Remove front door.
5. Remove the four screws on the side of the heater holding the control panel. See **Fig. 1** and **Fig. 2**.
6. Lay control panel forward toward you to access the back of the temperature control board.



Note: Some models are equipped with a black plastic control cover. This will need to be removed to access the membrane switch decal ribbon cable.



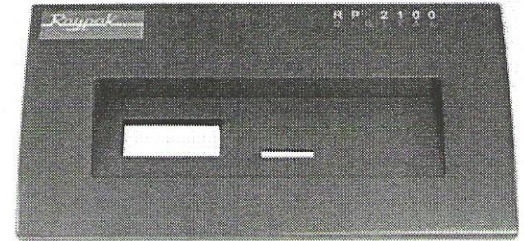
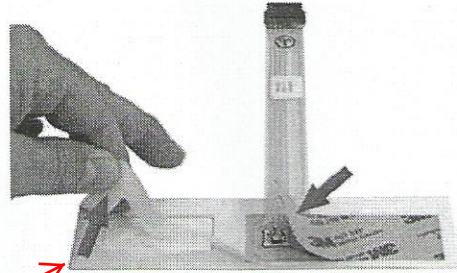
7. Remove ribbon cable from circuit board.



8. Remove old membrane switch decal, peel it off and discard it. Prepare the surface of bezel by removing any excess glue or debris.

NOTE: TAR REMOVER CAN BE USED TO REMOVE OLD GLUE

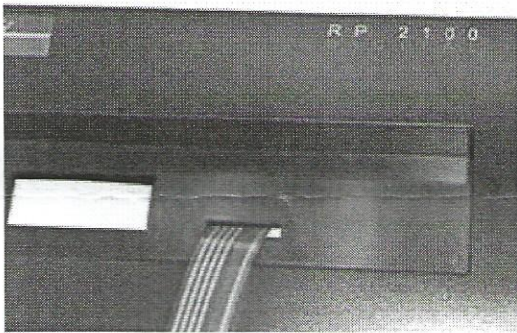
9. Remove all adhesive backing from back of new membrane.



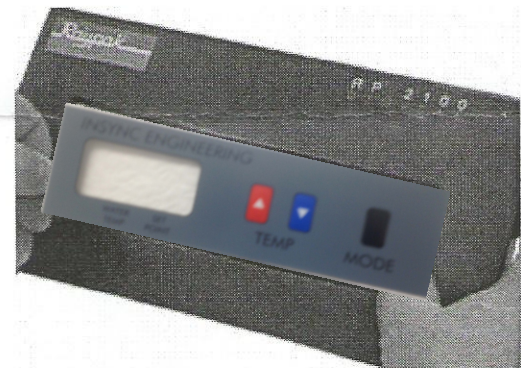
NEW KEYPAD

**NEW KEYPAD
INSTALLATION**

10. Route the ribbon cable through the slot located on the bezel.



11. Apply the membrane switch by starting at one end and place corners to the recess of bezel.



12. Press firmly on the membrane switch, working from one end to the other.



**NEW
KEYPAD**

13. Re-attach ribbon cable and black cover (if equipped) to circuit board. See Page 2 for details. Return control cover to upright position and replace screws. Re-install door.