

# Replacing Your Heater Element Instruction Manual



Model: HB-Jack-01 or HB-Lye-01

## **Important Safeguards**

To reduce the risk of personal injury or property damage, when using electrical appliances basic safety precautions should always be followed, including the following:

- Read all instructions.
- Make sure nothing is plugged in and water is completely drained from the tank
- The outside of the melter will get **HOT**, use caution and keep children and pets away.
- Unplug from outlet when not in use and before cleaning. Allow cooling before putting on or taking off parts, and before cleaning.
- **SAVE THESE INSTRUCTIONS**

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If you experience any difficulties with your equipment, have questions or suggestions, please contact  
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## Replacement of Heater Element

**WARNING:**

***Make sure everything is turned OFF, UNPLUGGED and Water Jacket is Emptied before starting this procedure!***



***When replacing the Element do not kink or put pressure on the capillary tube.***

Capillary Tube

Thermostat Knob

**Tools Needed...**

- Phillips Head Screwdriver
- 1 ½ " Socket and ratchet
- (Red) High Temp Silicone on the threads... (can be purchased from any automotive parts store)

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- Remove the two screws holding on the cover.
- Remove Knob by pulling straight out.
- Loosen the Romex Connector, if necessary and push the cord through 2" or 3" to have enough room to work on the element.

Carefully pull back the cover to expose the contents and wiring.

**Be careful not to bend the capillary tube. The capillary tube is a permanent part of the thermostat. If it gets damaged you will need to replace the whole thermostat.**

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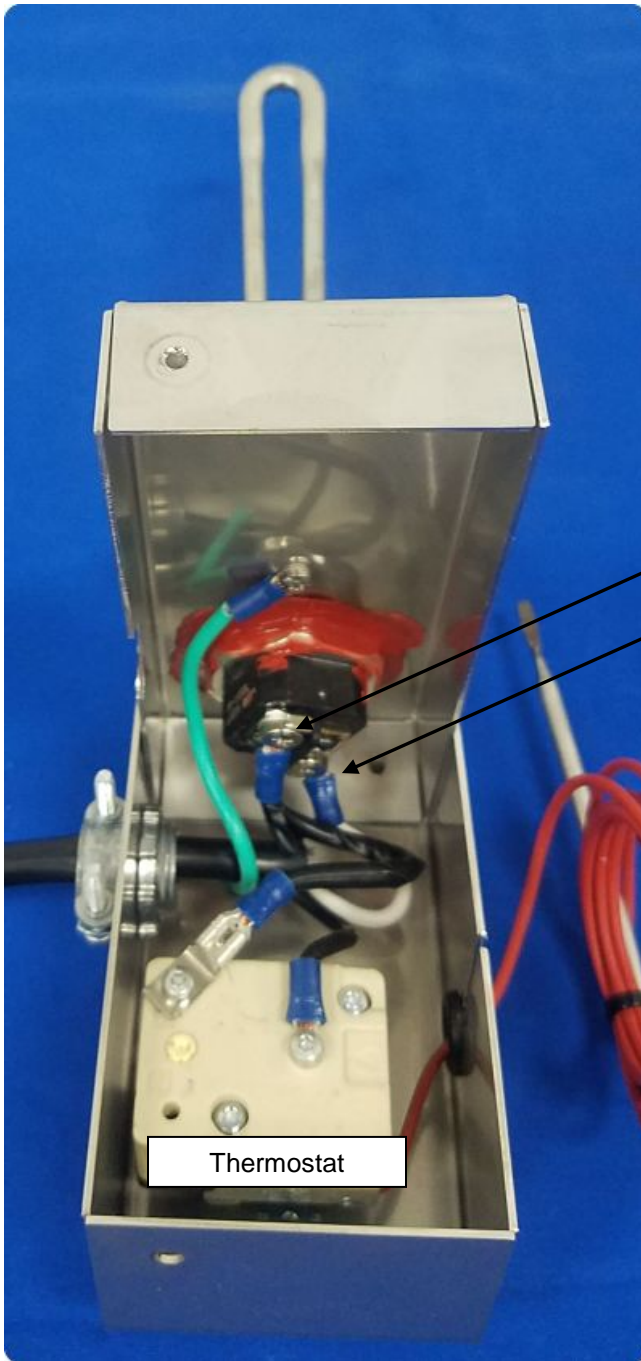
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Remove the two wires attached to the element.



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With a 1 1/2" Socket and ratchet, remove the element from the fitting by turning counter-clockwise.

- On the new element use (Red) High Temp Silicone on the threads... ( can be purchased from any automotive parts store )
- You may also use Teflon tape but must still use the Red High Temp Silicone over the tape.
- Turn the element in a clockwise direction and screw into the fitting.
- Tighten the element firmly but not so much as to compress the O-ring seal, where it is fully compressed. There needs to be a little cushion remaining.
- To re-assemble; reverse the process of disassembly, starting by replacing the wires.
- DO NOT re-connect power until the heater is installed and water jacket is full of liquid ready for use. Failure to do this step will cause the element to burn out if accidentally turned on without the element being submerged.
- **Remember to be very careful with the Capillary Tube.**

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