



AIH039 & AIH100 HEATING ELEMENT INSTALLATION INSTRUCTIONS

WARNING: Do not handle the new heating element with bare hands or POWDERED gloves – oils in your skin or powder on the gloves can cause darkening of the quartz sheath and a reduction in the life expectancy of the element.

- 1) Remove power from unit.
- 2) If necessary detach Phototherapy Unit and its Support Assembly.
- 3) Remove Hood (see Figure 1).
- 4) Detach the nut and ring terminal from the retaining bracket (see Figure 2, Post End). Examine screws that hold retaining bracket to Warmer Module. Take them out if loose. Replace tooth lockwashers with split lockwashers enclosed. Re-install Phillips head screws and split lock-washers to retaining bracket.
- 5) Detach the nut and ring terminal from the retaining bracket (see Figure 2, Front End). Remove screws that fasten retaining bracket to the Warmer Module. Discard the tooth Lockwashers.
- 6) Remove heating element and retaining bracket by pulling assembly straight out of Warmer Module.
- 7) Disconnect existing element from bracket and replace with new Heating Element. See Figure 3.
- 8) After replacing new element re-install in Warmer Module along with the retaining bracket. **DO NOT** use the flat washers if Warmer Module has a heat shield. Utilizing a nut and washer at both ends, re-install ring terminals on the element.
- 9) Install Warmer Hood. Do not attach Phototherapy Unit or trim strips.

IMPORTANT: To insure the integrity of the heating element and the safety of the staff and patients, be sure to follow the burn-in procedure exactly as written in Steps #10-13 below.

- 10) Plug warmer into a live electric outlet and operate the warmer at full power for at least 30 minutes. Watch and listen for small pieces of quartz that might fall from the warmer module during the first few minutes. After 30 minutes turn the warmer off for 5 minutes and then power the warmer up for an additional 5 minutes.
- 11) Power down the warmer and unplug it from the live outlet. Allow the warmer to cool thoroughly and using a cloth towel, carefully remove the heating element. Examine the element for breaks, chips or physical damage – if any are found, return the heater and request a new one.
- 12) Using step #7, re-install heating element. Assemble the Warmer Hood. Re-attach Phototherapy Unit, if it has one, and new trim strips that are included with Heating Element.
- 13) Finally, turn on unit for ten minutes at full power.

FIGURE 1 – WARMER HOOD REMOVAL

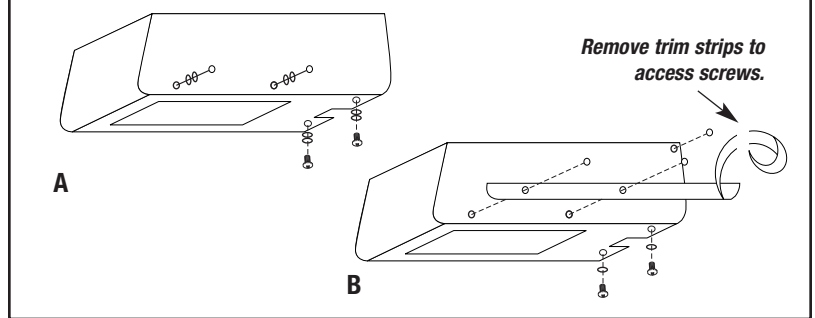


FIGURE 2 – HEAT ELEMENT REMOVAL

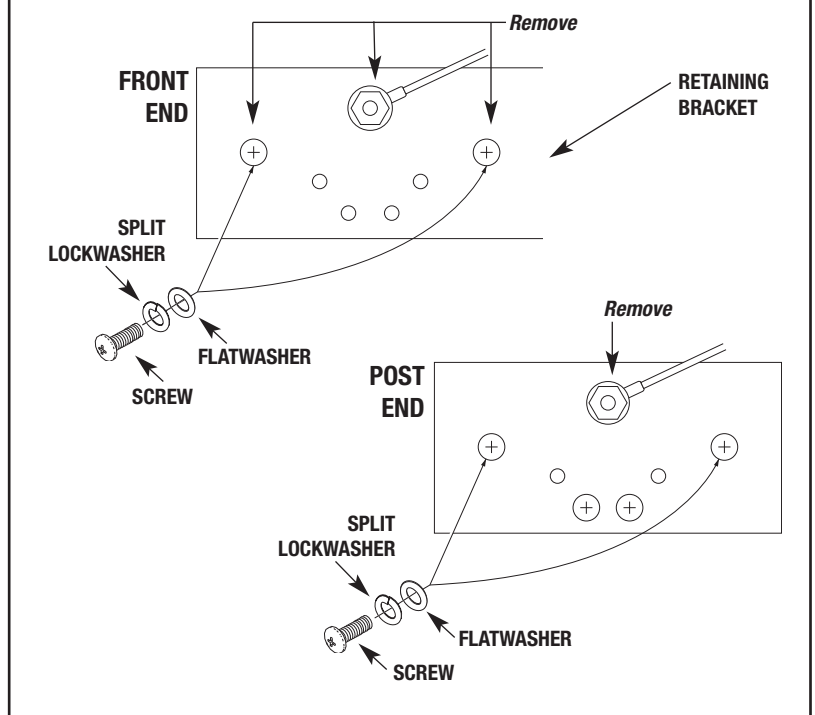


FIGURE 3 –
INSTALLATION OF HEATER ELEMENT ON RETAINING BRACKET

