

# Troubleshooting made easy!

Gecko's Simple Service System visual step-by-step guide!

Flashing Dots & Board LED

**Hi-Limit Probe**

*It's as simple as that!*

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# Flashing Dots & Board LED

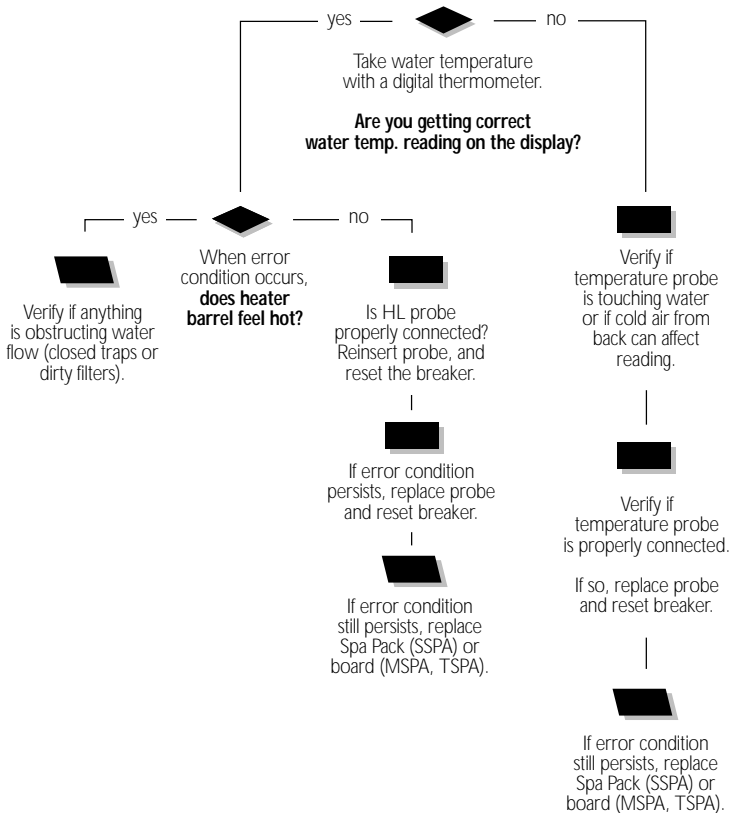
If this error condition occurs (potential Hi-Limit sensor or temperature probe problem), follow Troubleshooting Flow Chart below to identify the problem:

Open pack cover. Board LED should be lit!

Turn breaker off then on again to reset the system.

If error condition no longer persists, check for blockage of water in the piping.

If error condition does persist, proceed with the following steps.



# Flashing Dots & Board LED

When three flashing dots are displayed and Board LED is lit, the error condition is related to the Hi-Limit sensor or temperature probe.

- 1• Open pack cover.  
Board LED should be lit.

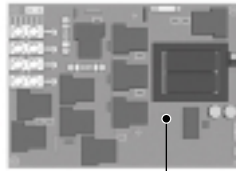
Turn breaker off then on again to reset the system.

If 3 flashing dots and LED disappear, check for blockage of water in the piping.

Power may remain On.

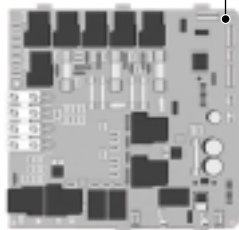
- 2• Take water temperature with digital thermometer.
- 3• If keypad display shows correct temperature:
  - a- Check if heater barrel feels hot.

If it's hot, verify if anything is obstructing the flow of water (closed valves or dirty filter).



SSPA-1 or -MP  
LED indicator

TSPA-MP or MSPA-MP LED indicator



- b- If it's not, verify if hi-limit probe is properly installed on the heater barrel.  
  
Reconnect probe and reset breaker.
  - c- If error condition persists, replace probe and reset breaker.
  - d- If problem is not corrected, replace Spa Pack (SSPA) or board (MSPA, TSPA). Refer to your Spa Pack Service Manual.
- 4• Proceed to following page if keypad display shows incorrect temperature.

# Flashing Dots & Board LED

If keypad display is not showing correct temperature, carry out the following tests:

- 1• Verify if temperature probe is in contact with water and if cold air from the back could be affecting readings.

Use foam to isolate probe from cold air if that is the problem.



(SSPA)

- 2• Make sure temperature probe is properly connected.

If it is, replace probe.

- 3• Replace Spa Pack (SSPA) or board (MSPA, TSPA) if display is still showing wrong water temperature on the display.

(Refer to corresponding section of your Service Manual.)



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