



Balboa



Auxiliary Heater Hookup Instructions Balboa System Numbers 58132 & 58133

This instruction will show how to hookup the electrical connections for the Auxiliary Heater. The Auxiliary heater may only be used in conjunction with a Balboa Spa Pack that has output connectors on the main board. These output connectors are spade connector tabs identified on the main board as *J100* and *J101*, located directly above the main heater copper connections.

Figure 1 shows the setup of the main Spa Controller and Auxiliary Heater. The Auxiliary Heater should be configured and plumbed in-line downstream from the spa controller; meaning, the water must flow through the main heater first and the auxiliary heater second. An EL8000 Mach III Spa Pack controller is pictured.



Figure 1

Figure 2 shows the Auxiliary Heater with the enclosure cover removed. Power to this unit must be supplied to the terminal block. For domestic units, Balboa System Number 58132, use 240 V 60Hz supply voltage. For European units, Balboa System Number 58133, use 230 V 50/60Hz supply voltage. Power must also be supplied to the Spa Pack controller through the same type of terminal block – Figure 3. Use the appropriate voltage supply for the type of unit that is being connected

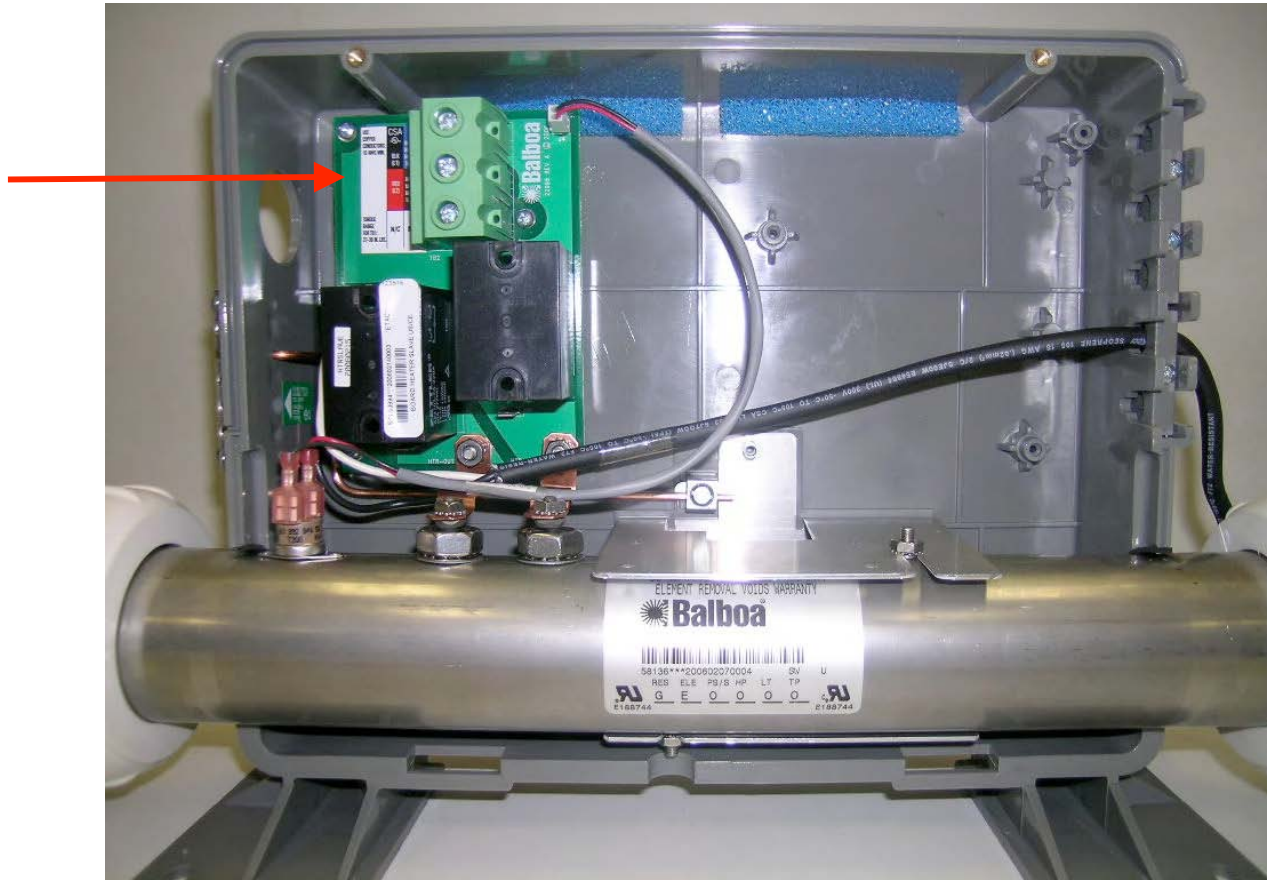


Figure 2

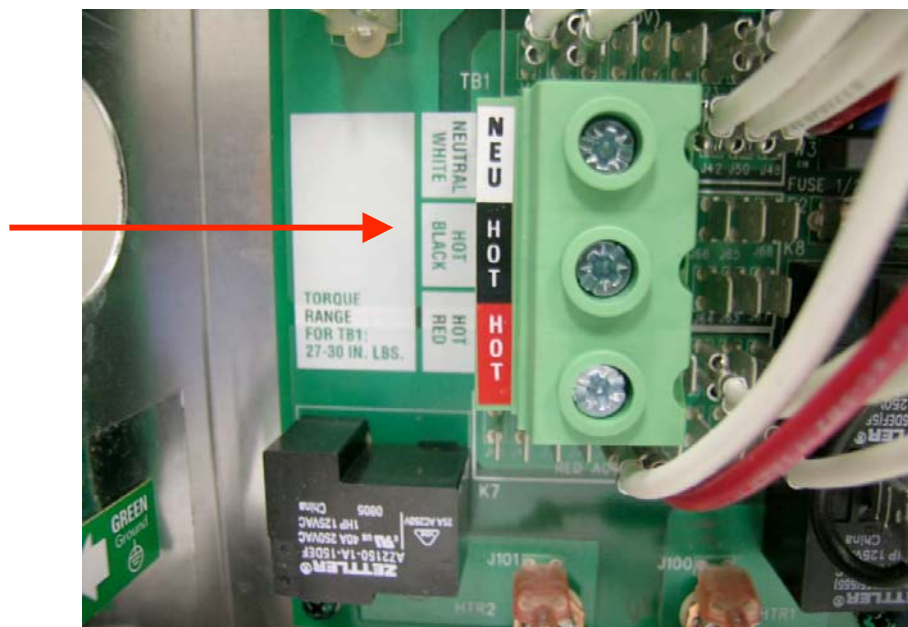


Figure 3

Figure 4 shows the heater interconnect cord inside the Auxiliary Heater that runs out of the box and will connect to the Spa Pack controller main board.



Figure 4

Figure 5 below shows the connector tabs on the main Spa Pack controller board directly above the heater connectors. This is where the Auxiliary Heater will connect to.

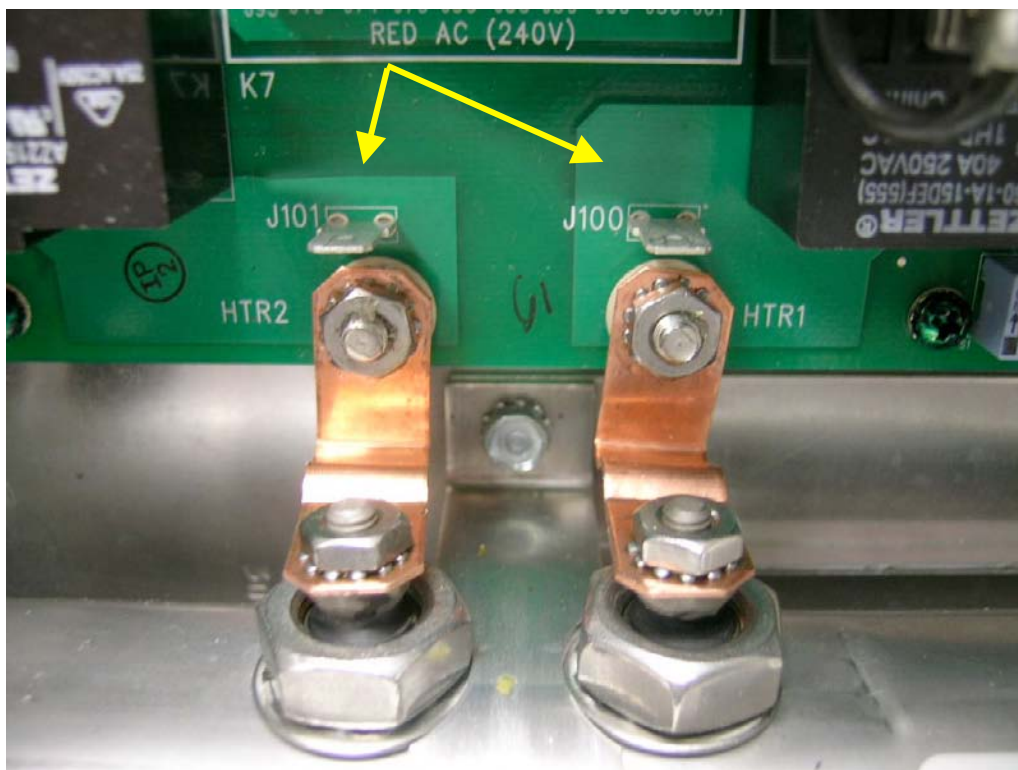


Figure 6 shows the spade connectors from the Auxiliary Heater interconnect cord hooked up to the auxiliary heater connections on the Spa Pack controller.

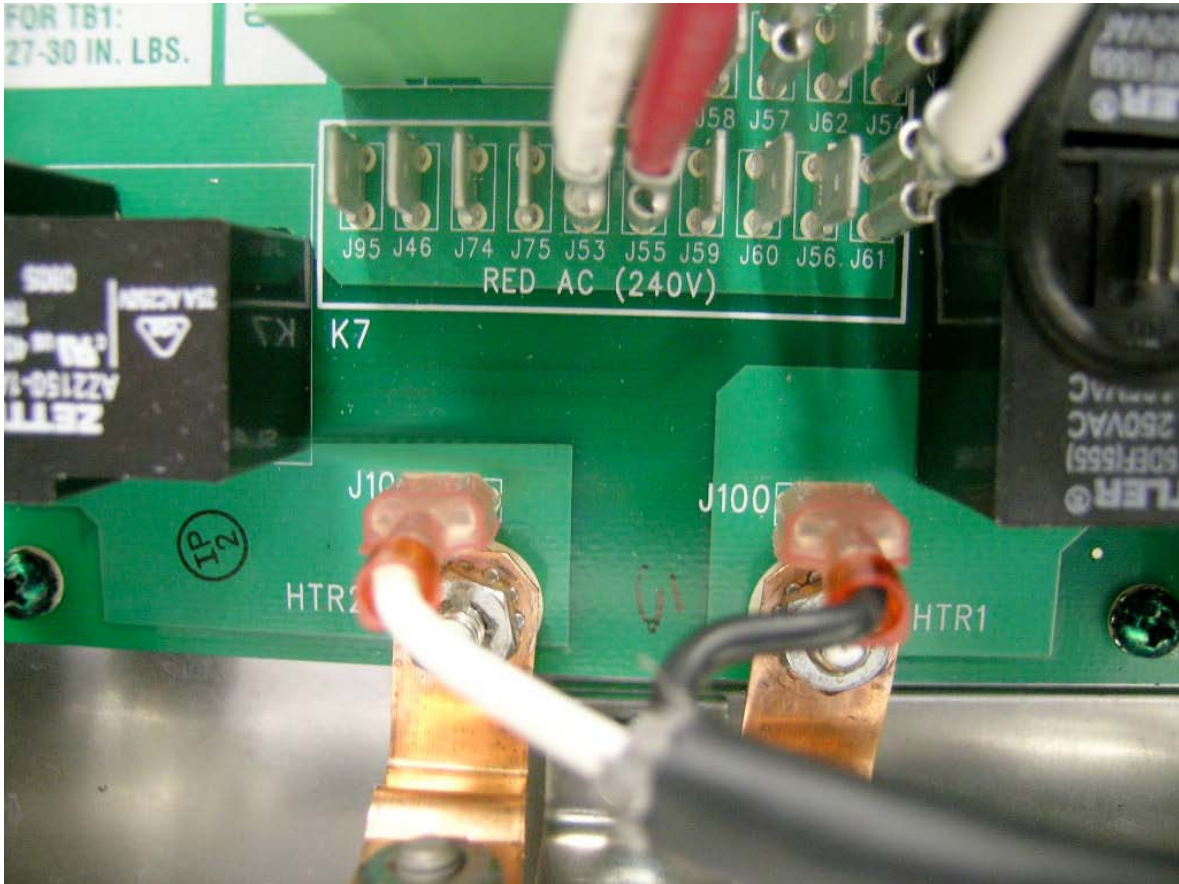


Figure 6