



Auxiliary Heater Hookup Instructions

Balboa System Numbers:

55918, 56878, 55918, 56911, 55986, 55209, 58132 & 58133

These instructions will show how to hook up 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 either J100 and J101, or J48 and J49, located directly next to the main heater connector (Figures 5-7).

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. A BP Spa Pack controller is pictured but any VS/GS, EL/GL, or BP Spa Pack can be used.



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 North American units, use 240 V 60Hz supply voltage. For European units, use 230V 50/60Hz supply voltage on a separate 1 x 16A service from the system pack. Power must also be supplied to the Spa Pack controller through the same type of terminal block – see Figure 3. Use the appropriate voltage supply for the type of unit that is being connected.



Figure 2

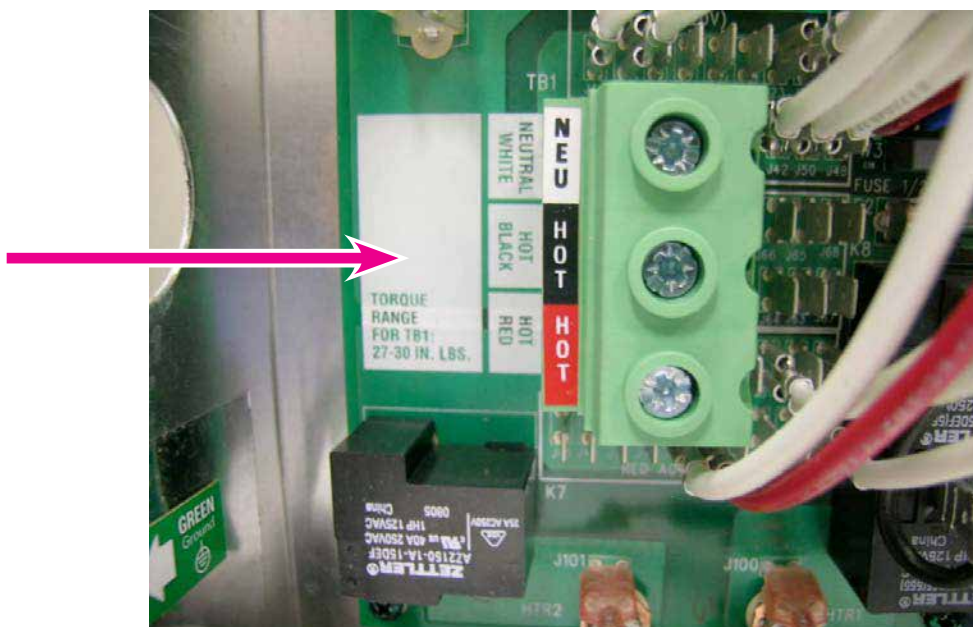


Figure 3

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.

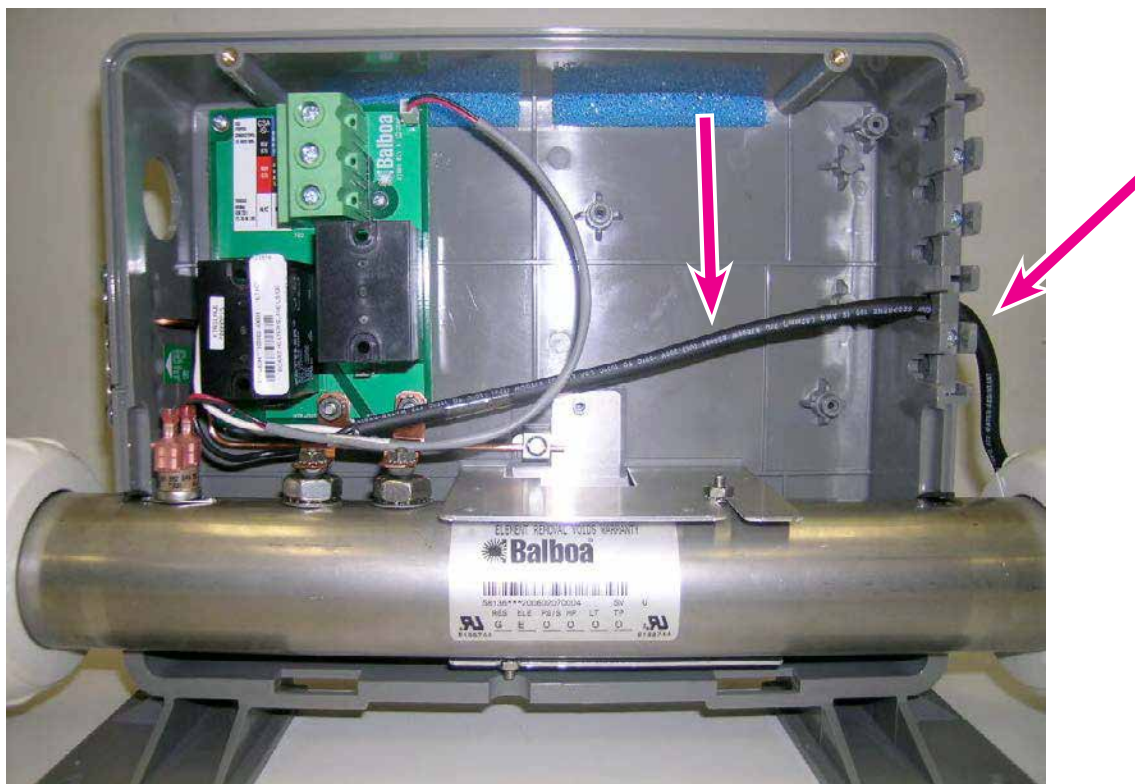


Figure 4

Figure 5 below shows the J100/101 connector tabs on the main BP501/601 Spa Pack controller board next to the Plug N' Click heater connector. This is where the Auxiliary Heater will connect.

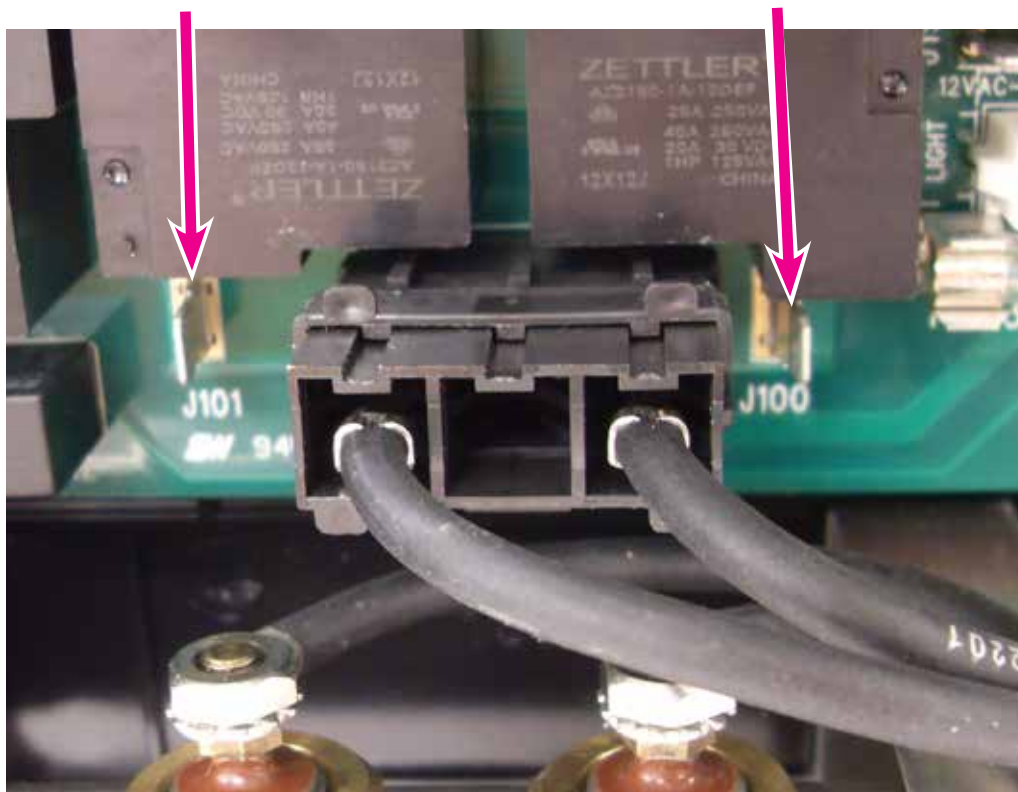


Figure 5

Figure 6 below shows the J48/49 connector tabs on the main BP2000/2100/6013 Spa Pack controller board next to the Plug N' Click heater connector. This is where the Auxiliary Heater will connect.

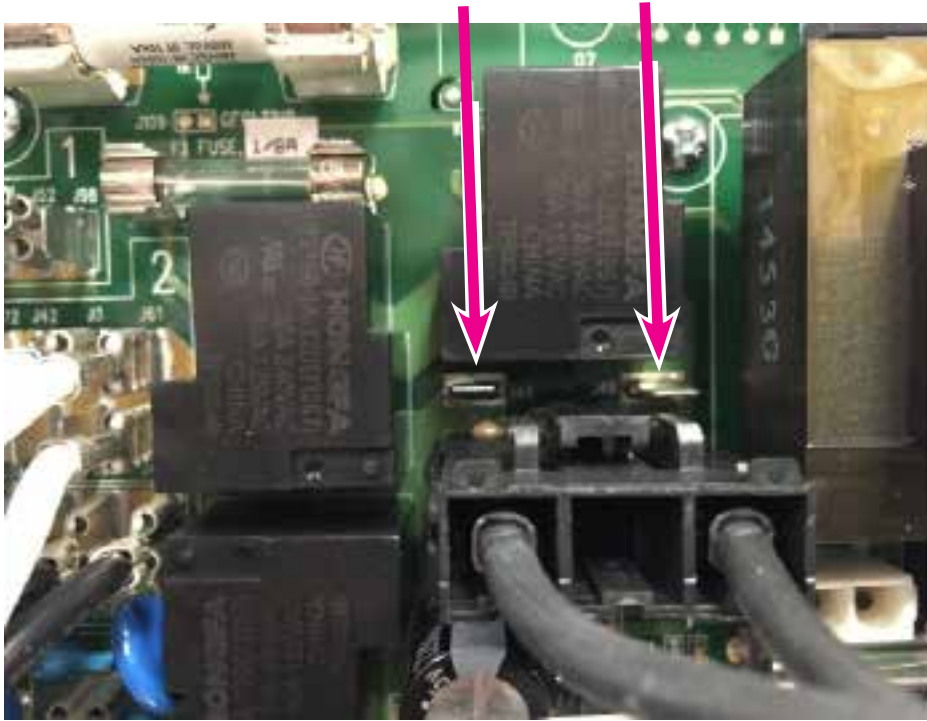


Figure 6

Figure 7 below shows the J100/J101 connector tabs on the main VS/GS or EL/GL Spa Pack controller board next to the Plug N' Click heater connector. This is where the Auxiliary Heater will connect.



Figure 7