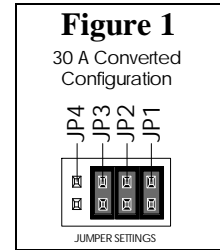


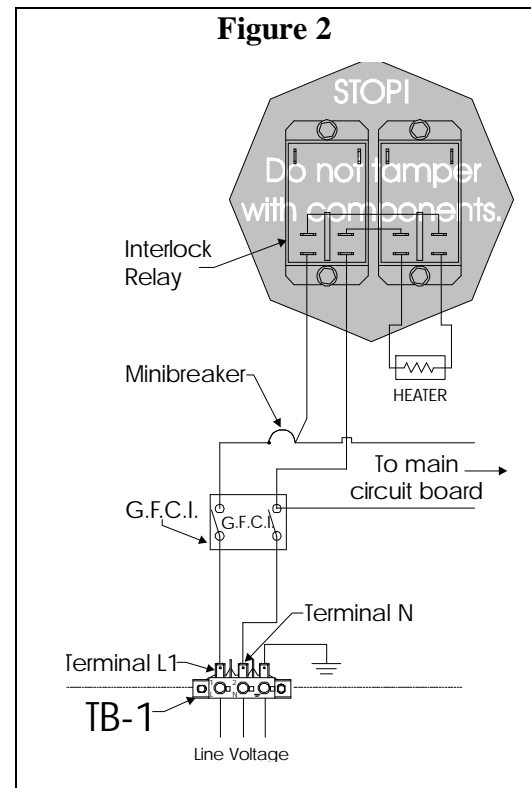
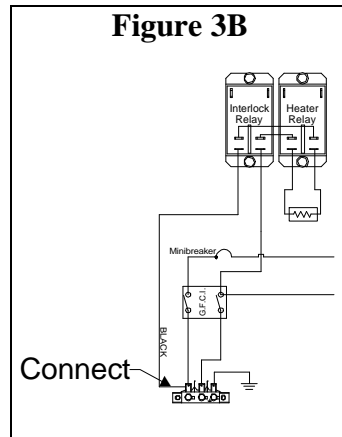
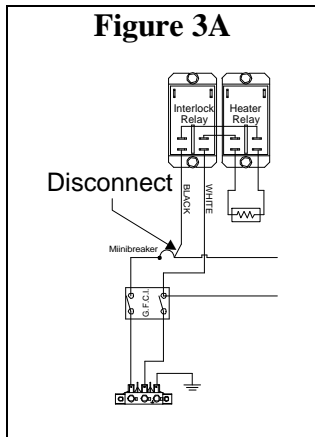
1998 Hot Spot · 30 Amp Conversion and Subpanel Wiring Instructions

Conversion Instructions:

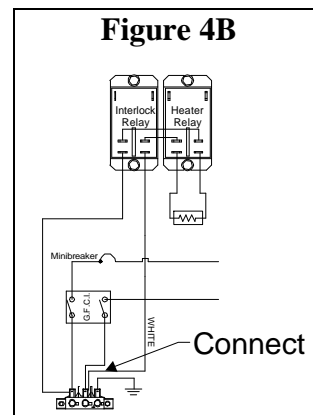
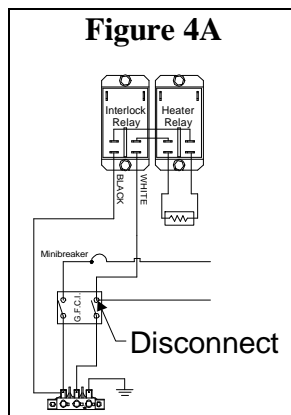
1. Disconnect power to the tub and access the control box.
2. Open the control box and locate the program jumpers JP1 – JP4 (on the main circuit board).
3. Using a pair of needlenose pliers, carefully install a jumper at location JP1 (refer to Figure 1).



4. Refer to Figure 2. Locate the 15 amp minibreaker. Follow each wire (black) from the load side of the minibreaker to determine which one is connected to the heater interlock relay.
5. At the minibreaker, disconnect the wire to the heater interlock relay (refer to Figure 3A).
6. Locate terminal L1 (hot) on the load side of TB-1.
7. Connect the heater interlock wire (black) to terminal L1 of TB-1 (refer to Figure 3B).



8. Refer to Figure 2. Locate the G.F.C.I. (inside the control box). Follow each wire (white) from the load side of the G.F.C.I. to determine which one is connected to the heater interlock relay.
9. At the G.F.C.I., disconnect the wire (white) to the heater interlock relay (refer to Figure 4A).
10. Locate terminal N (neutral) on the load side of TB-1.
11. Connect the heater interlock relay wire (white) to terminal N of TB-1 (refer to Figure 4B).



Subpanel Wiring Instructions:

NOTE: The sub-panel must be placed within 100 feet of the main electrical service panel, and between 5 and 50 feet away from the spa.

1. Refer to the wiring diagram below.
2. Connect the #10 AWG, WHITE, [NEUTRAL] wire from the main electrical service panel to the sub-panel NEUTRAL bar.
3. Connect the #10 AWG, GREEN, [GROUND] wire from the main electrical service panel to the sub-panel GROUND bar.
4. Connect the #10 AWG, BLACK, [L1] wire from the main electrical service panel to the sub-panel [terminal L1].
5. Check the connections internal to the sub-panel and be sure that a pigtail wire exists between the neutral bar and the 30 A breaker. *NEVER remove the pigtail wires!*
6. Inside the control box, locate the terminal block (TB-1).
7. Connect the #10 AWG, BLACK wire from the subpanel 30 amp breaker [terminal L1] to TB-1 terminal L1.
8. Connect the #10 AWG, WHITE wire from the subpanel 30 amp breaker [terminal N, load neutral] to TB-1 terminal N.
9. Connect the #10 AWG, GREEN wire from the subpanel GROUND bar to TB-1 terminal GROUND (⏚).

WARNING! Bypassing the G.F.C.I. breaker will result in an unsafe spa and void the warranty.

