



### Tools Required:

- M10 box end wrench or M10 socket and ratchet wrench
- P1 Phillips screw driver or 3/16th flat screw driver

### **⚠ WARNING**

Unit must be removed from service during this installation. Only qualified technicians should perform this installation. Failure to follow proper procedure could result in bodily injury and/or electrocution.

1. Move ATS control module switch to OFF position. Module located on home standby control panel.
2. Move Engine control module switch to OFF position. Module located on home standby control panel.
3. Move exercise switch to OFF position. Switch located on home standby control panel.
4. Disconnect 240VAC from automatic transfer switch by opening circuit breaker in main panel.
5. Disconnect batteries (positive lead first) and remove from battery compartment.
6. Remove electrical access panel (6 bolts) to gain access to electrical compartment.
7. Locate wire harness from heater kit and install the 2 fork terminals onto the battery charger load and neutral terminals. Make certain battery heater and battery charger power wires are fully inserted to load and neutral terminals then tighten hold down screws. See illustration below. Route wire harness down and forward under the front edge of the electronics panel. Excess harness should be placed behind electronics panel.

8. Place heater mat in battery compartment with Champion logo facing up and electrical connector pointing toward the rear of the compartment. Assemble the heater and wire harness mating connectors.
9. Carefully reinstall the batteries on top of the heater mat.
10. Reinstall electrical access panel. Note the 2 short bolts are used on the top of the panel.
11. Reconnect the batteries, positive lead first.
12. Enable 240VAC to automatic transfer switch by closing circuit breaker in main panel.
13. Move engine control switch to ATS position.
14. Move ATS control switch to AUTO position.

### **⚠ CAUTION**

If desired, the exercise switch can be moved to the ON position at this time but note the engine will start and run for 15 minutes and exercise time will be set for this time each week. See owner's manual for setting exercise time if a different time is desired.

