

## Replacement Kit for G60PFH-2 Ignition Control for Models (H)RPV, (EE)XLB and (H)EEDU

This kit, P/N 95241, is designed to permit the replacement of ignition controller, J/C Model G60PFH-2, with ignition controller, J/C Model G770NGC-4 on the models listed. Both controllers provide spark ignition with 100% lockout. The new Model G770NGC-4 ignition controller has 120 second lockout and operates with a lower-level flame signal. (For future troubleshooting, note that the microamp flame signal on the new controller should be a minimum of 0.2 microamps as measured by a microampmeter.)

**Do not use this kit on Models (H)X, (H)RX, (H)SC or SC(A,B,C)**

The Kit includes:

Qty	P/N	Description
1	97547	Ignition Controller, J/C G770NGC-4
2	90503	Screws, No. 6 x 1" long (for attaching controller)
1	96101	Lighting Instruction Plate



P/N 97547, G770NGC-4 Ignition Controller with Lockout

**WARNING: Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury, or death. Read the installation instructions thoroughly before installing this equipment.**

### Installation Instructions

**DANGER: This replacement ignition controller kit is to be installed by a qualified agency in accordance with these instructions and in compliance with all codes and requirements of authorities having jurisdiction. Failure to follow instructions could result in death, serious injury, and or property damage. The qualified agency performing this work assumes responsibility for this installation.**

1. Turn off the gas and power supply.
2. Remove the access panel on the control side of the unit.
3. Mark the wires connected to the present ignition controller with their respective terminal numbers. Disconnect the wiring including the spark ignitor lead. Remove the ignition controller.
4. Position the new controller as shown in Figure 1. Mark the hole locations. Drill two 7/64" holes and mount the controller using the screws in the kit.
5. Connect wiring to the ignition controller using terminal identifications and wire markings. Terminal numbers on the new controller are identical to those on the removed device, except that Terminal 6 is no longer used. Completely remove and discard the yellow wire that was connected to Terminal 6. See the wire terminal illustrations in Figures 1 and 2.

Figure 1 - Ignition Controller Location

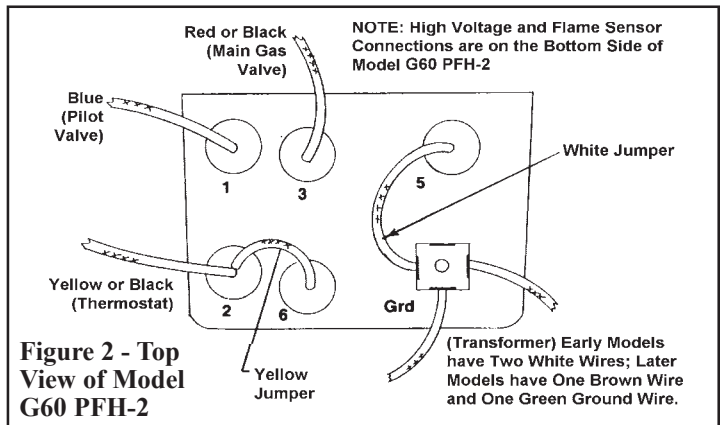
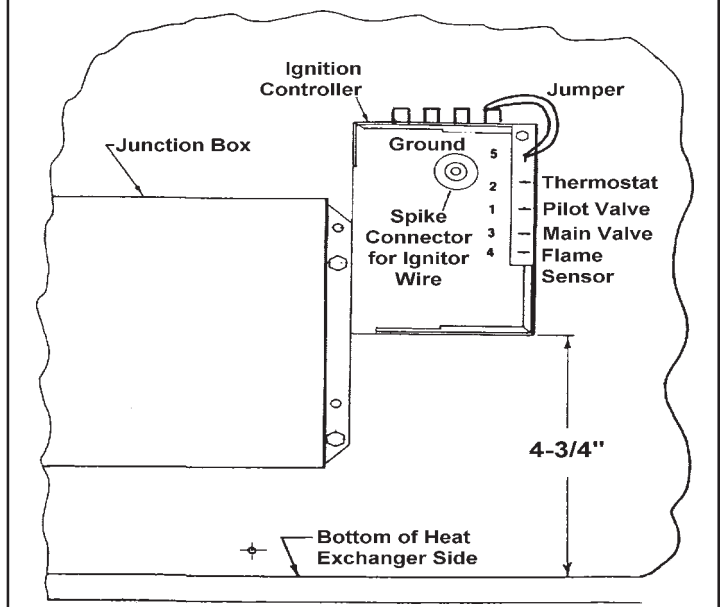


Figure 2 - Top View of Model G60 PFH-2

In order to connect the ignitor lead to the new controller, it will be necessary to cut off the Rajah connector (metal terminal) on the ignitor lead. Push back the rubber boot and cut off the terminal (with no more than 1" of wire). Remove the rubber boot and push the wire directly on to the spike connector on the ignition controller.

6. Adhere the new lighting instruction plate to the junction box cover. Replace the access panel.
7. Turn on the electric power and the gas supply. **CHECK ALL SAFETY FEATURES FOR PROPER OPERATION.**