

Instructions for Ignition Controller Replacement

Model G67NG-2 replaced by G770NGC-4 and Model G67BG-2 replaced by G67BG-5

SECTION 1: Replace Ignition Controller G67NG-2 (P/N 89488) with Ignition Controller G770NGC-4 (P/N 97547)

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



Spike
Connector
for Ignitor
Lead



P/N 89488, G67NG-2
Ignition Controller
with Lockout
(no longer available)

Identified by Heater Serial
Number Safety Pilot Code 63

These ignition controllers perform the same function in that they both have 100% lockout with 120 second timing.

WARNING: To ensure safe and proper operation, read and follow the installation instructions. Failure to do so could result in property damage, personal injury, and/or death.

Installation Instructions

1. Turn off the gas supply and the electric power to the heater.
2. Mark the wires connected to the present ignition controller with their respective terminal numbers. Disconnect the wiring including the spark ignitor lead from the ignition controller.
3. Remove the ignition controller.
4. Position the new ignition controller in the same location and mark the holes. Drill two 7/64" holes and mount the new ignition controller using the 1" screws provided.
5. Connect the wiring to the ignition controller using terminal identifications and wire markings. Terminal numbers on the new controller are identical to those on the original device, except that Termi-

nal No. 6 is no longer used. **Completely remove and discard the wire that was connected to the No. 6 Terminal.**

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 (cutting off no more than 1" of wire). Remove the rubber boot. Push the wire directly onto the spike connector on the ignition controller.

6. Turn on the electric power and the gas supply. Check complete operation of the heater to ensure safe and proper operation. Heater has the same lighting instructions and sequence of operation as with the original ignition controller.

SECTION 2: Replace Ignition Controller G67BG-2 (P/N 89314) with Ignition Controller G67BG-5 (P/N 97782)

P/N 97782,
G67BG-5
Ignition
Controller



Spike Connector
for Ignitor Lead



P/N 89314, G67BG-2
Ignition Controller
(no longer available)

Identified by Heater Serial
Number Safety Pilot Code 62

WARNING: To ensure safe and proper operation, read and follow the installation instructions. Failure to do so could result in property damage, personal injury, and/or death.

Installation Instructions

1. Turn off the gas supply and the electric power to the heater.
2. Mark the wires connected to the present ignition controller with their respective terminal numbers. Disconnect the wiring including the spark ignitor lead from the ignition controller.
3. Remove the ignition controller. Using the same screws and mounting holes, install the new ignition controller.
4. Connect the wiring to the ignition controller using terminal identifications and wire markings. Terminal numbers on the new controller are identical to those on the original device.

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 (cutting off no more than 1" of wire). Remove the rubber boot. Push the wire directly onto the spike connector on the ignition controller.

6. Turn on the electric power and the gas supply. Check complete operation of the heater to ensure safe and proper operation. Heater has the same lighting instructions and sequence of operation as with the original ignition controller.

MFG #134704

Thomas & Betts