

PRECAUTIONS

WARNING



Failure to comply with the following warnings could result in personal injury or property damage.

FIRE HAZARD

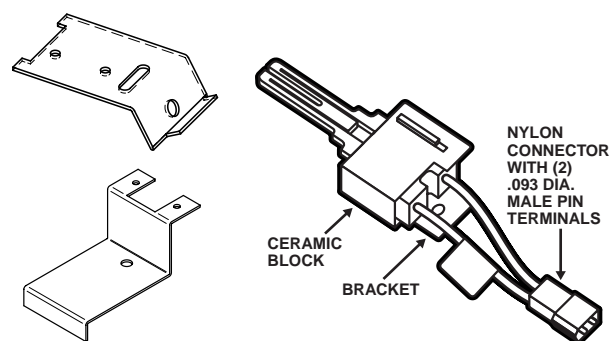
- Do not exceed the specified voltage.
- Protect the control from direct contact with water (dripping, spraying, rain, etc.).
- If the control has been in direct contact with water, replace the control.
- Label all wires before disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.
- Route and secure wiring away from flame.

SHOCK HAZARD

- Disconnect electric power before servicing.
- Ensure proper earth grounding of appliance.
- Ensure proper connection of line neutral and line hot wires.

EXPLOSION HAZARD

- Shut off main gas to appliance until installation is complete.



NOTE: If necessary, remove connector and use ceramic wire nuts (two included) to install.

CAUTION

Installation should be done by a qualified heating and air conditioning contractor or licensed electrician.

Do not exceed the specifications ratings.

All wiring must conform to local and national electrical codes and ordinances.

Following installation or replacement, follow manufacturer's recommended installation/service instructions to ensure proper operation.

INSTALLATION INSTRUCTIONS

WARNING

Hot surface ignitors get hot, up to 2500°F! Therefore, wait several minutes allowing the ignitor to cool down, before attempting any service work. Failure to do so will cause severe personal injury. Failure to turn off all gas and electrical power can cause severe injury, death or property damage.

CAUTION

Fragile: Care should be exercised in handling the ignitor to avoid breakage. Do not touch ignitor surface with hands.

NOTE: On GDI and GUI models manufactured before 11/1/93, the shock shield will have to be removed prior to installation. See figure 2.

1. Remove front panel. (On some models there will be other hardware that needs to be removed, including burner panels, shields and diverters.
2. Carefully disconnect the ignitor plug from the wiring harness.
3. Remove the ignitor and where applicable the ignitor mounting bracket.
4. Install the mounting bracket (if required) and mount the new ignitor. See Figure 1.
5. Reconnect the ignitor plug and wiring harness.
6. Following installation or replacement, follow manufacturer's recommended installation/service instructions to ensure proper operation.

INSTALLATION INSTRUCTIONS (cont.)

NOTE: ON GNI080 FURNACES, THE ROLL-OUT SWITCH WILL HAVE TO BE ADJUSTED. FOLLOW THESE INSTRUCTIONS CAREFULLY.

1. Remove the roll-out switch mounted on the right side manifold support bracket.
2. Using two #7 x 3/8" screws, mount the roll-out switch to the roll-out bracket. Mount the assembly to the manifold support bracket. See Figure 3.

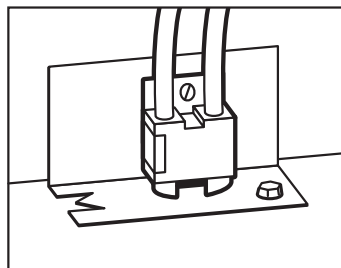


FIGURE #1

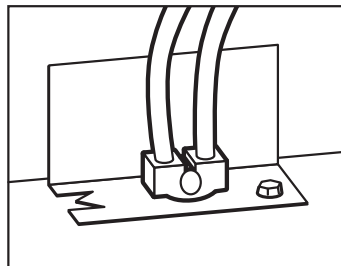


FIGURE #2

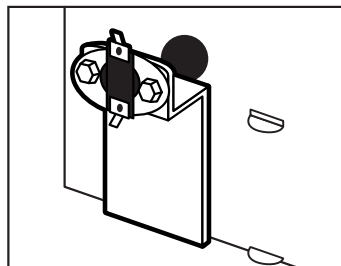


FIGURE #3

REPLACING ROUND CARBORUNDUM IGNITORS

1. Remove the burner assembly.
2. Remove the old ignitor.
3. Mount the ignitor mounting bracket to the burner assembly. See Figure 4.
4. Mount the ignitor to bracket making sure the ignitor is straight and the mounting tabs are engaged in the slots. See Figure 5.
5. Reinstall the burner assembly making sure it locks down into the heat exchanger and is level.

NOTE: On GUG models, the inner diverter shield will have to be notched approximately 1" x 1-3/4" from the right hand side of the diverter shield before the burner is replaced. See Figure 6.

6. Connect the ignitor plug and wiring harness.
7. Following installation or replacement, follow manufacturer's recommended installation/service instructions to ensure proper operation.

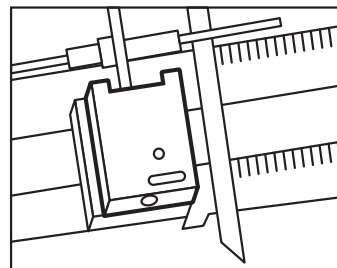


FIGURE #4

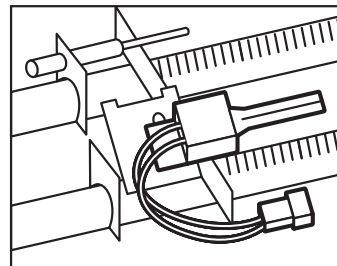


FIGURE #5

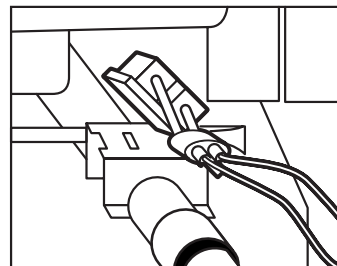


FIGURE #6