

# General Instructions for Replacing Gas Train / Burner Components

This instruction sheet covers general guidelines for installing replacement parts on the gas train or burner assembly on Laars Heating Systems appliances only. These parts (orifices, burners, etc.) are packaged as replacements and are not packaged for use with other appliances. Sizing and application information is not provided herein. For more information on these parts, including sizing or specifications, contact the original manufacturer.

**FOR YOUR SAFETY:** This product must be installed and serviced by a professional service technician qualified in appliance installation and maintenance. Improper installation and/or operation could create carbon monoxide gas in flue gasses that could cause serious injury, property damage, or death. Improper installation and/or operation will void the warranty.

## **⚠ WARNING**

**If the information in these instructions and the product's original Installation and Operation Manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.**

### General Replacement Part Installation Instructions

1. Read these instructions and the product's original Installation and Operation Manual carefully.
2. If the original Installation and Operation Manual is not available on the job site, it can be obtained on line from <http://www.laars.com>, or by contacting the factory.
3. Turn off all power to the appliance.
4. Turn off the main gas supply at the manual gas cock outside the boiler jacket or at the meter. Note that pilot gas valve components, if equipped, may connect on the pressure side of the boiler's gas train.
5. Remove the front access door to the boiler, if so equipped.
6. Turn off the gas valve to boiler following the instructions provided on the "Lighting Instructions" label inside the boiler.
7. Locate the part to be replaced and verify the replacement part is an exact match or factory authorized replacement. Consult the factory if clarification is required.
8. Remove the part to be replaced.
9. Clean all old pipe dope, teflon tape or other material from the female threads in the gas manifold if replacing an orifice.
10. For gas orifices, apply good quality pipe dope resistant to the gas being used. Put a moderate amount only on the male pipe threads. If excess pipe dope is used, it may clog the orifice and disrupt operation.
11. Install the new part.
12. Turn on the main gas supply at the manual gas cock or meter.
13. Turn on the gas valve following the gas valve lighting instructions on the inside of the appliance.
14. Check the system for gas leaks using a method authorized in your locality (soap solution or electronic gas detector.)
15. Turn on all electrical power to the appliance. Restore operation to the boiler.

## **⚠ Caution**

**Since some leak test solutions (including soap and water) may cause corrosion or stress cracking, rinse the piping with water after testing.**

## **⚠ WARNING**

**Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.**

### WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building
- Immediately call your gas supplier from a nearby phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department

**Installation and service must be performed by a qualified installer, service agency or gas supplier.**