

# INSTALLATION INSTRUCTIONS



## Premier 40 Service Burner Assembly 574521

View these instructions online at [www.lbwhite.com](http://www.lbwhite.com)

### Kit Contents:

| DESCRIPTION                  | QTY. |
|------------------------------|------|
| Instruction, Installation    | 1    |
| Burner Assembly w/ Igniter   | 1    |
| Orifice/Elbow Assembly       | 1    |
| Screws, Sheet Metal, B-point | 4    |

### Tools required:

- Cordless drill
- 1/4 in. Socket
- 5/8 Wrench
- Standard Screwdriver
- Needle Nose Plier

### Qualifications for installation:

- You must be able to read and understand these instructions.
- You must be properly trained and have sufficient experience in servicing heaters and be capable of testing the heater for proper operation.

### General Information:

- The following instructions provide information for the replacement of the Premier 40 burner assembly.
- Read all instructions carefully before beginning installation.
- Allow the heater to cool down or in cold condition before starting the installation.
- Tighten all screws securely.
- Always leaks check any gas connection after installation with an approve gas leak detector. Tighten if necessary.

### Preparation:

- Shut off the gas supply to the heater.
- Allow the heater to burn off the gas in the line.
- Unplug the heater from its electrical source.
- Disconnect the gas hose from the heater's hose adapter.



### SCAN THIS

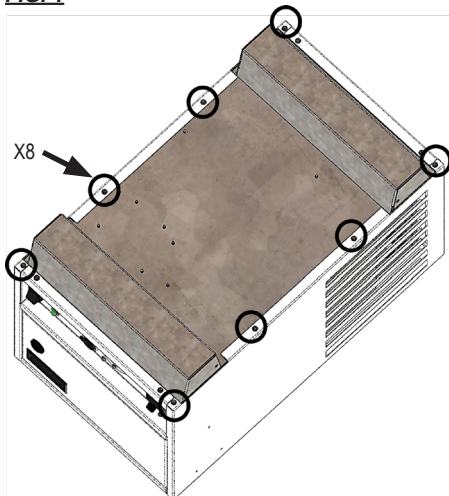
with your smartphone or  
visit <http://goo.gl/5j21G>  
to view maintenance  
videos for L.B.White heaters.\*

*\* Requires an app like QR Droid  
for Android or for iPhone*

## Preparation:

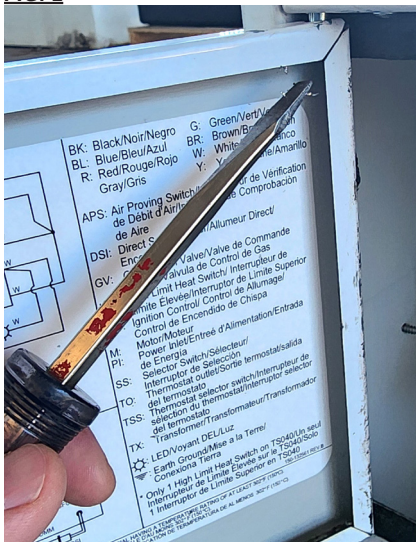
1. Lay the heater on its side and remove the four screws on each side of the case. See Fig. 1.

**FIG. 1**



2. Careful tilt the heater back on its legs.
3. Open and remove the burner end door from the heater by pressing the top pin upward to released the door. See Fig. 2.

**FIG. 2**

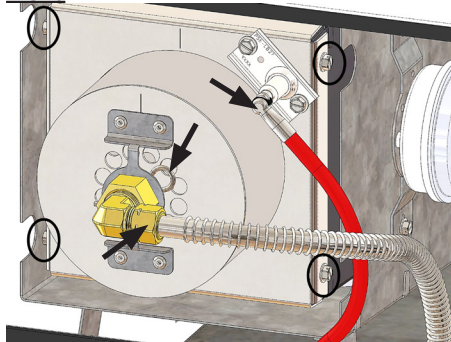


4. Remove the case assembly from the heater base.

5. Disconnect the igniter cable, CSST compression nut, and hairpin. See Fig. 3.

**NOTE:** Save the hairpin to be used later. The orifice/elbow assembly can be discarded.

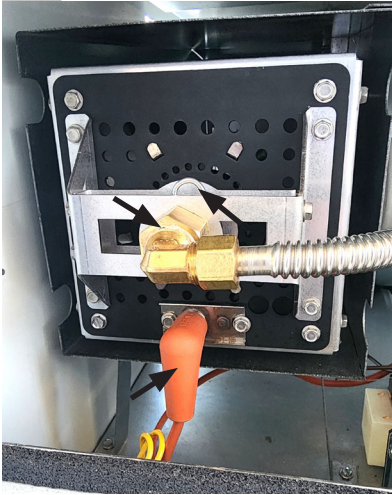
**FIG. 3**



6. Remove the four screws securing the old burner assembly to the heat chamber. See Fig. 3.
7. Remove and discard the old burner assembly.

## Installation:

1. Insert the replacement burner assembly to the heater chamber and secure it with the four previously removed screws.
2. Insert the new provided orifice/elbow assembly to the orifice holder bracket on the burner assembly and secure it with the previously remove hairpin. See Fig. 4.
3. Connect the CSST compression nut to the elbow. Taking caution not to cross thread the compression nut. Tighten securely.
4. Connect the ignition cable boot to the igniter. Ensure the boot snaps onto the igniter properly.
5. Install the case onto the heater and secure it with the previously removed eight screws.

**FIG. 4**

## Completion:

1. Reinstall the burner side door.
2. Connect the gas hose to the heater.
3. Slowly open the gas valves at the propane tank.
4. Connect the heater to its electrical supply.
5. Start the heater to ensure proper and check for gas leaks at the CSST connection. Tighten if necessary.
6. Close and lock the burner side door.

## Service

Contact your local L.B. White dealer for replacement parts and service. You may also call the L.B. White Co., LLC at U.S. & Canada: 1-800-345-7200, Overseas: 001-608-783-5691 assistance, or email us at [customerservice@lbwhite.com](mailto:customerservice@lbwhite.com).

Be sure that you have either the heater model or serial number when calling.



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