

INSTALLATION INSTRUCTIONS



Gas Conversion Kit

Bloom Heaters

View these instructions online at www.lbwhite.com

Kit Contents:

DESCRIPTION	QTY.
Preset low pressure regulator	1
Burner orifice	1
Packet of pipe thread compound	1
Instruction sheet	1
Gas conversion documentation label	1

Tools required:

1- ½ in socket
1- 7/8 in. socket
1- ½ in. drive ratchet
2- 12 in adjustable wrenches
5/32 Allen wrench
Vise

Materials needed:

Approved gas leak detector liquid or soapy water solution

Qualifications for installation of the kit:

- You must be able to read and understand these instructions
- You must have proper experience and training to install the kit's components
- You must be able to test the heater for proper operation and place the heater in a continuing safe and normal operating condition.

General Instructions:

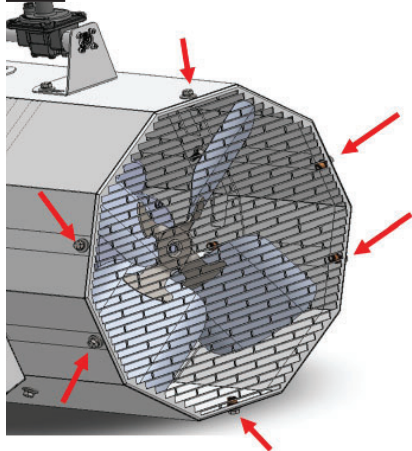
- Close the fuel supply valve to the heater.
- Disconnect the heater's electrical supply.
- Use pipe thread compound at threaded connections.
- Ensure all threaded connections are tightened securely.
- For reassembly, reverse the respective procedure.

Conversion

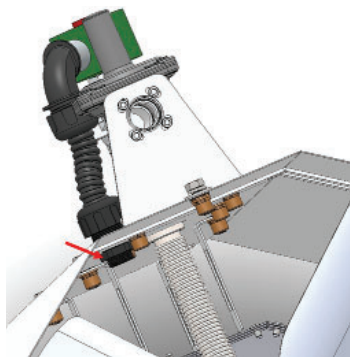
Gas regulator on heater

1. Remove the fuel supply hose and adapter from the inlet of the heater's gas regulator.
2. Remove the six bolts that secure the fan guard to the heater.

FIG. 1

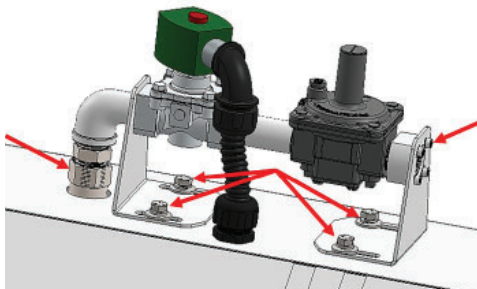


3. Reach inside the heater and disconnect the solenoid valve wires.
4. Remove the water tight connector nut from the inside of the heater.

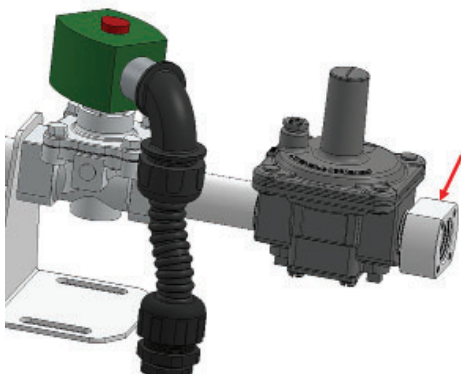


5. Disconnect the gas hose flare nut
6. Using the Allen key, remove the four Allen screws that secure the valve bracket to the regulator adapter.

7. Remove the four gas train bracket bolts and remove the gas control with regulator assembly from the heater.



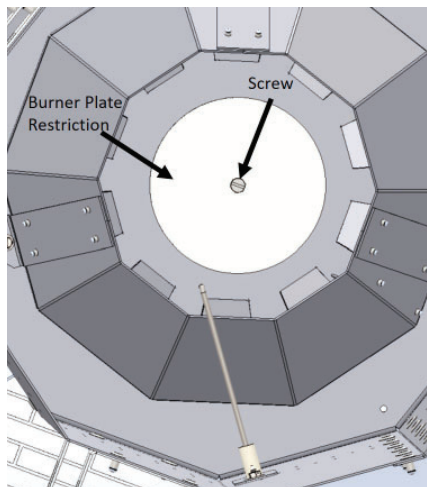
8. Secure the gas solenoid with regulator assembly in a vise and remove the regulator adapter.



9. Replace the regulator with the similar component in the kit. (Ensure proper installation by referring to the gas flow direction arrow on the regulator's body).
10. Reassemble the heater.

HH400 Standard

1. Reach down the heater's barrel and remove the screw and the burner restriction plate.

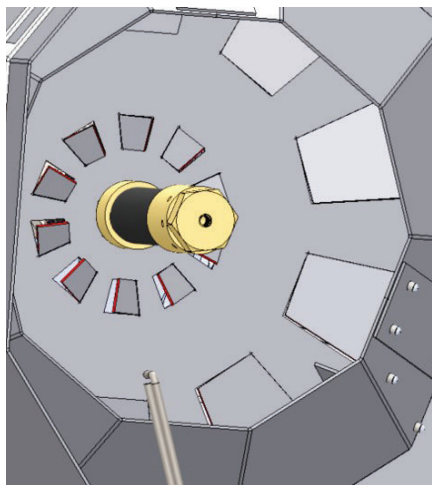


Completion

1. Clean an area adjacent to the heater's data plate and apply the gas conversion documentation label.
2. Sign and date the label per the label's instructions.
3. Reconnect the gas hose to the heater.
4. Open the heater's gas supply and check for gas leaks using appropriate leak detectors (**DO NOT USE FLAME**).
5. After checking for and eliminating any gas leaks, start the heater and check for proper operation.

HH400 High Altitude

2. Using the 7/8 in socket with ratchet, remove the burner orifice from the threaded nipple.
3. Replace this orifice with the burner orifice included in the kit.



4. For sea level heater, reinstall the burner restriction plate, previously removed.

Service

Contact your local L.B. White dealer for replacement parts and service. You may also call the L.B. White Company, LLC at 1-800-345-7200, for assistance, or email us at customerservice@lbwhite.com.

Be sure that you have your heater model number and configuration number when calling.



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