

# INSTALLATION INSTRUCTIONS



## High Pressure Test Kit Kit: 500-20736

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

### Kit Contents:

| DESCRIPTION                      | QTY. |
|----------------------------------|------|
| Gas Pressure Test Kit            | 1    |
| Hose Adapter, 1/4" x 9/16-18 LHT | 1    |
| Installation Instruction         | 1    |

**NOTE:** Depending on heater, hose adapter may or may not be use.

### Tools required:

- Adjustable Wrench
- Approved Leak Detector
- Optional, Low Pressure Gauge w. 3/16 ID hose

### Qualifications for installation:

- You must be able to read and understand these instruction before installing the pressure test kit.
- You must be properly trained and have sufficient experience in servicing heaters and capable of testing the heater for proper operation.

### General Information:

- Use this kit as a service tool for testing/measuring inlet supply gas pressure to the heater.
- The pressure gauge measuring range is 0-15 psi.
- This pressure test kit is designed to be used in conjunction with high pressure heaters which are operating between 1-5 psi of gas pressure.

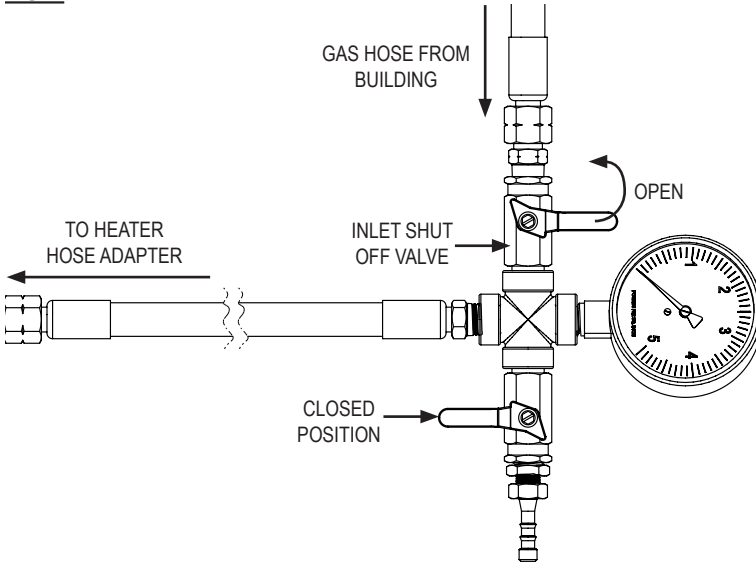
### Preparation:

- Shut off the gas supply to the heater.
- Allow the heater to burn off the gas in the line.
- If applicable, disconnect the heater electrical power supply.
- Disconnect the gas hose from the heater's hose adapter.

## Installation:

1. If you have multiple heaters on the same gas pipe, connect the Pressure Test Kit to the last heater.
2. Connect the Pressure Test Kit to the heater as shown in Fig. 1.

**FIG. 1**



3. Connect the building gas hose to the Pressure Test Kit hose adapter. See Fig. 1.
4. Tighten both connections securely.

## Reading Pressure:

1. Ensure both shut off valves on the Pressure Test Kit are not in the closed position before continuing.
2. Open the gas supply valve to the Pressure Test Kit.
3. Slowly open the Pressure Test kit inlet shut off valve.
4. Start the heater. If you have multiple heaters, start the heaters per their start-up instructions.
5. If applicable, connect the heater electrical power supply.
6. With the heater operating, the pressure gauge should read the pressure specified on the dataplate.
7. If the reading agree with that specified on the dataplate, no further checking or adjustment is required. Proceed to Completion.
8. If the reading does not agree with that specified on the dataplate, then the regulator controlling the gas pressure to the heater requires adjustment.

## Completion:

1. Close the main gas supply valve to the Pressure Test Kit and allow the heater to burn off any gas remaining in the gas supply hose.
2. Disconnect the building gas hose from the Pressure Test Kit.
3. Disconnect Pressure Test Kit from the heater's hose adapter.
4. Connect the building gas hose to the heater's hose adapter.
5. Open the the main fuel supply valve to the heater.
6. Start the heater per its Start-up Instructions.
7. Check for gas leaks.

\* The hose barb connection is provided to allow an auxilliary low pressure gauge attachment for testing/setting the low fire or pilot pressure.

# 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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