

# INSTALLATION INSTRUCTIONS



## Hot Surface Igniter Kit 509201

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

### Kit Contents:

DESCRIPTION	QTY.
Hot surface igniter	1
Shrink tubing	1
Purse lock clip	1
Installation Instructions	1

### Tools required:

- Standard screwdriver or ¼ in. nut driver
- Utility knife
- Heat gun, small hand held torch, or butane lighter

### Initial Preparation:

1. Disconnect the heater from its electrical supply.
2. Close all fuel supply valves to the heater.
3. Open the access door at the gas inlet end of the heater.

### Qualifications for installation of the kit:

- You must be able to read and understand these instructions.
- You must have sufficient training and experience 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.

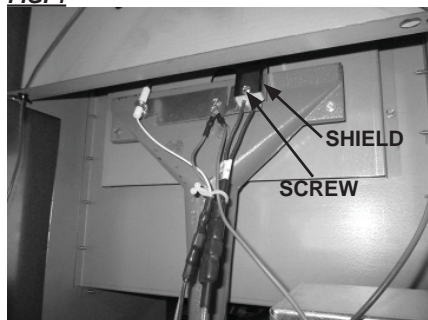
### Discussion:

Use this kit, if desired, to create and maintain corrosion resistance of electrical connections when replacing the hot surface igniter.

**Installation:**

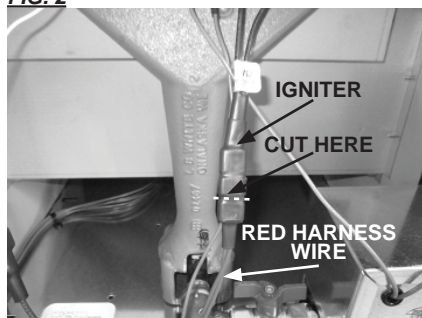
- a. Loosen the igniter mounting screw . Slide the igniter shield and the igniter up and away from the screw. See Fig.1.

**FIG. 1**

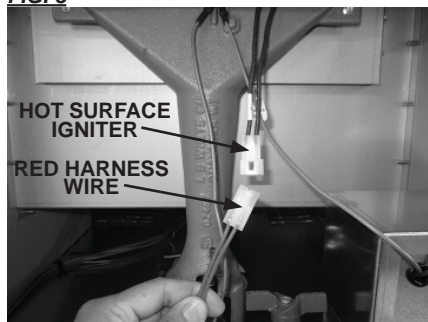


- b. If heat shrink tubing is present, cut along the heat shrink tube of the igniter harness as shown in Fig. 2 and disconnect the igniter. If heat shrink is not present, simply disconnect the red wire harness from the igniter as shown in Fig.3.

**FIG. 2**



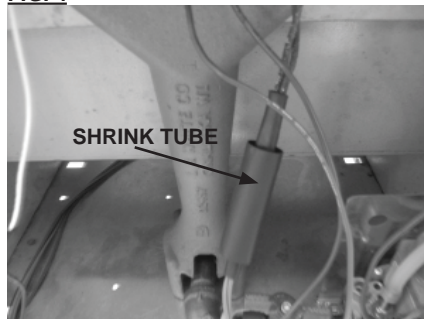
**FIG. 3**



- c. Discard the original igniter. Install the replacement igniter with shield at the burner.

- d. Insert the red harness wire into the shrink tube provided in the kit. Reconnect the female red harness connector to the male connector of the igniter. Position the shrink tube so it covers the connection point of the igniter and the red wire harness. See Fig. 4.

**FIG. 4**



- e. Apply heat to the shrink tube using a heat gun or soft flame. Move the heat along the length of the shrink tube, making sure it isn't charred by the heat source, and that it has completely formed around the wires.

**Completion:**

1. Coil up and secure any excess wire using the purse lock clips.
2. Close and latch the access door.
3. Reconnect the heater to its electrical supply.
4. Open all fuel supply valves to the heater.
5. Start the heater so main burner ignites.
  - Check for proper operation.
6. Keep these instructions for future use.

Notes:

## Service

Contact your local L.B. White dealer for replacement parts and service. You may also call the L.B. White Co., Inc. at 1-800-345-7200, for assistance, or email us at [customerservice@lbwhite.com](mailto:customerservice@lbwhite.com).

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



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