

INSTALLATION INSTRUCTIONS



Tube Heater Pressure Switch Relay Kit

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Kit Contents:

DESCRIPTION	QTY.
Relay	1
Wire, blue	1
Wire, black, dual lead	1
Wire, white	1
Cable, tie 8.5 in.	1
Purse lock	1
Instruction	1

Tools required:

- Needle nose pliers
- Wire cutter

Requirements:

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

Discussion:

This kit contains components to allow the heater to operate normally in building with excessive minimum ventilation.

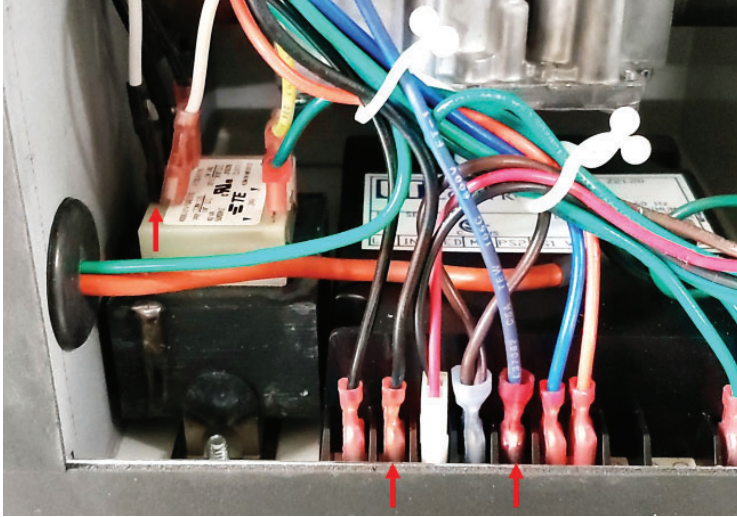
Initial Preparation:

1. Close all fuel supply valves to the heater.
2. Disconnect the heater from its electrical supply.

1. Disconnect the following from the control board: See Fig. 1.

- Black wire from terminal marked "IND"
- Blue wire from terminal marked "PS2"
- White neutral wire from the transformer terminal.

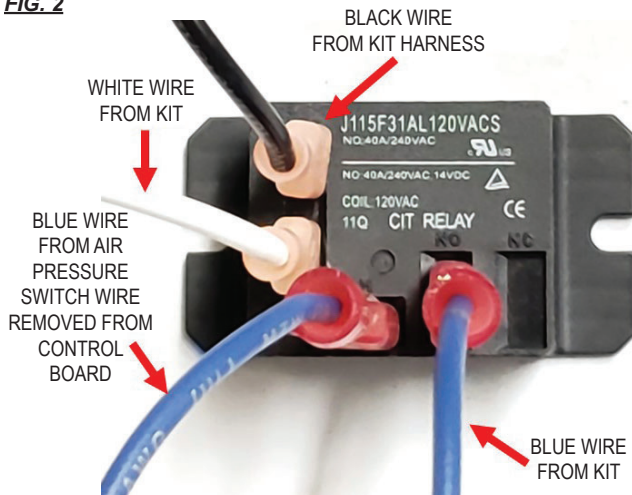
FIG. 1



2. Connect the wires in the order as follows. See Fig. 2.

- 3/16 in. terminal on the black wire of kit's harness to 3/16 in. terminal of the relay.
- 3/16 in. terminal of the white wire from the kit to the remaining 3/16 in. terminal of the relay.
- Blue wire provided in the kit to the 1/4 in. terminal of the relay marked "NO".
- Blue wire from pressure switch to the terminal of the relay marked "COMM".

FIG. 2



3. See Fig. 3 for the following instructions.

- Previous removed "IND" black wire to the male terminal of the kit's harness.
- 1/4 in. terminal of the black wire in the kit's harness to the control board terminal marked "IND"
- Piggyback terminal of the white wire from the kit to the transformer neutral terminal.
- Terminals of previously removed white wires to the piggyback terminal on transformer.
- Terminal of blue wire from relay marked "NO" to terminal PS2 of control board.
- Secure the relay to the wiring harness using the cable tie from the kit.

4. See Fig. 4 for completed wiring diagram.

FIG. 3

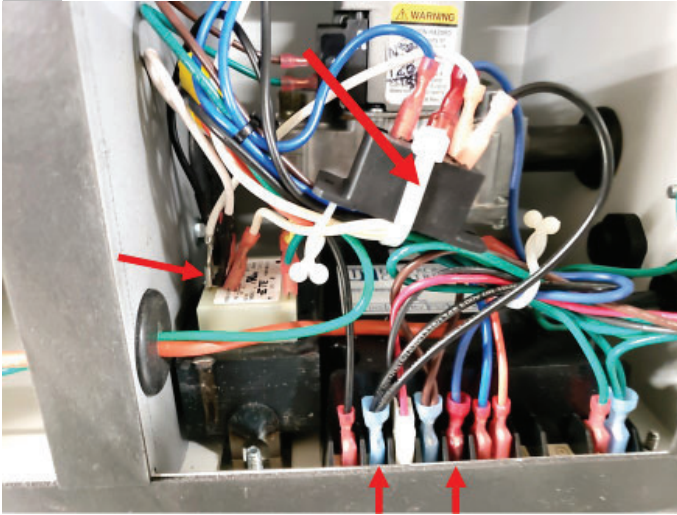
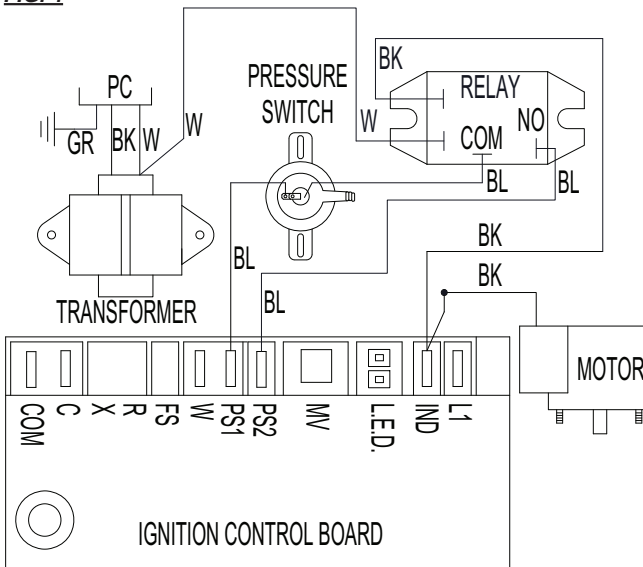


FIG. 4



Service

Contact your local L.B. White dealer for replacement parts and service. You may also call the L.B. White Company, LLC at 608-783-5691, 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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