

# INSTALLATION INSTRUCTIONS



## 20 in. Duct Adapter Foreman 500/750 Journeyman 360

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

### Kit Contents:

DESCRIPTION	QTY.
Instruction, Installation	1
Duct Adapter	1
Bolt, Cap, Hex Flange, 5/16-18	1
Bracket, Support, Foreman	1
Bracket, Mount, Journeyman 360	1
*Nut, Lock Hex Flange, 5/16-18	1

\*To be used on the Journeyman heater ONLY

Kit: 500-134039

### Tools required:

- 1/2 in. nut driver or wrench
- 3/8 in. nut driver or wrench

### Qualifications for installation of the kit:

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

### General Information:

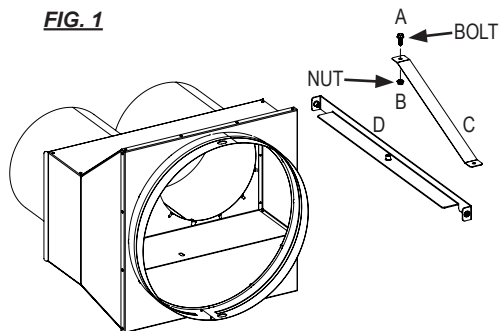
- The following instructions provide information for connecting a 2 to 1 20 in. duct adapter to either the Foreman or Journeyman indirect fired heater.
- Not all kit contents may be used.



#### **WARNING** Burn Hazard

- Heater surfaces are hot for a period of time after the heater has been shut down.
- Allow the heater to cool before performing service, maintenance, or cleaning.
- Failure to follow this warning will result in burns causing injury.

**FIG. 1**



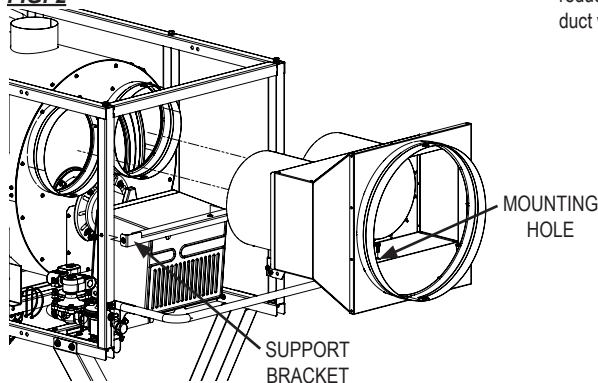
### Preparation:

- Remove the bolt (A) and nut (B) from the mounting bracket (C). Save them to be use later.
- For Foreman 500/750 installation, see page 2.
- For Journeyman 360 installation, see page 3.

## Foreman Installation:

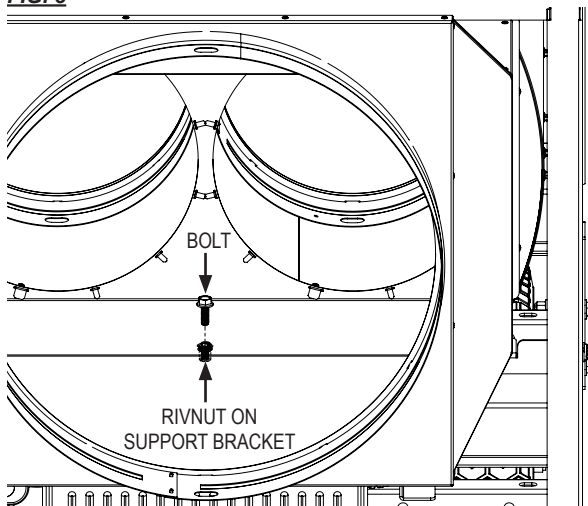
1. Replace the middle support bracket on the Foreman heater with the provide support bracket (D). Tighten the bolts securely.
2. Rotate the duct adapter so the mounting hole is on the bottom. See Fig. 2.
3. Insert the two round tubes of the duct adapters onto the heater 12 in. outlets as shown in Fig. 2.

**FIG. 2**



4. Align the duct adapter mounting hole with the heater support bracket as shown in Fig. 3.

**FIG. 3**



**NOTE:** When installing the duct adapter to the Foreman heater, discard the other mounting bracket (C) and nut (B).

5. Tighten the bolt to secure the duct adapter to the heater support bracket.

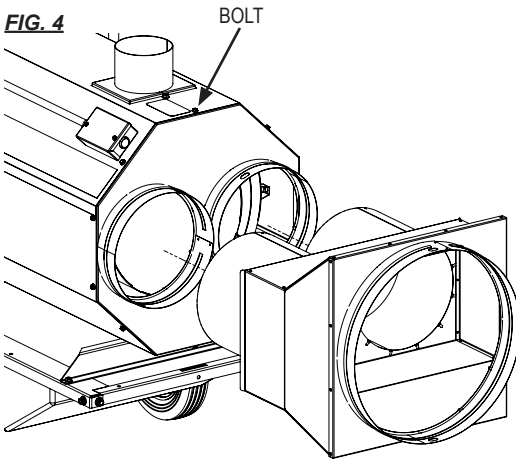
6. Attach and secure the 20 in. duct to the adapter outlet.

**NOTE:** The duct length depends on the heater air flow restriction. The lesser the restriction (less bends) the longer the duct run. If you are experiencing frequent high limit tripping, reducing the duct length or straightening the duct will be required.

## Journeyman Installation:

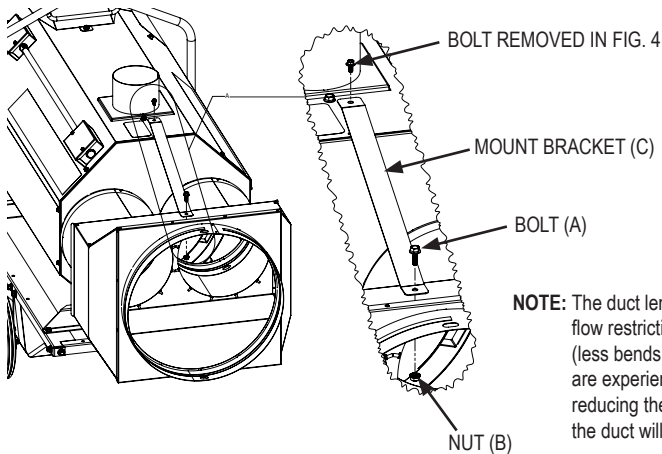
1. Remove the top bolt of the Journeyman outlet. See Fig. 4.
2. Rotate the duct adapter so the mounting hole is on top.
3. Slide the two round tubes of the duct adapters onto the heater 12 in. outlets, as shown in Fig. 4.

**FIG. 4**



4. Secure the duct adapter to the heater with the mounting bracket (C) as shown in Fig. 5.

**FIG. 5**



**NOTE:** The duct length depends on the heater air flow restriction. The lesser the restriction (less bends) the longer the duct run. If you are experiencing frequent high limit tripping, reducing the duct length or straightening the duct will be required.

5. Tighten the bolts and nut to secure the duct adapter to the heater.
6. Attach and secure the 20 in. duct to the adapter outlet.

## Service

Contact your local L.B. White dealer for replacement parts and service. You may also call the L.B. White Co., LLC 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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