

INSTALLATION INSTRUCTIONS



Bloom 400 Sail Switch Conversion Kit: 574567

View these instructions online at www.lbwhite.com

Kit Contents:

DESCRIPTION	QTY.
Instruction, Installation	1
Sail Switch Assembly	1
24" Blue Wires	2

Tools required:

- 1/4 in. Nut Driver
- 5/16 in. Nut Driver
- 1/2 in. Wrench
- 1/2 in. Socket Wrench
- Needle Nose Pliers

Qualifications for installation:

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

General Information:

- The following instructions provide information for the replacement of the Bloom 400 air pressure to a sail switch.
- Read all instructions carefully before beginning installation.
- Allow the heater to cool down or in cold condition before starting the installation.
- Tighten all screws securely.
- Always leaks check any gas connection after installation with an approve gas leak detector. Tighten if necessary.



SCAN THIS

with your smartphone or
visit <http://goo.gl/5j21G>
to view maintenance
videos for L.B.White heaters.*

** Requires an app like QR Droid
for Android or for iPhone*

Preparation:

1. Shut off gas supply and unplug heater from its electrical source.
2. Using a 5/16" nut driver. Remove the 6, 5/16" screws mounting cover to the control box. Take the cover and screws and set to the side. See Fig. 1.

FIG. 1

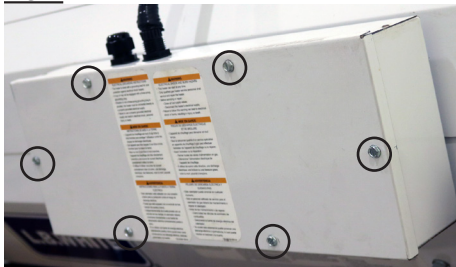
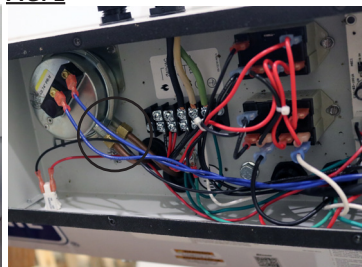
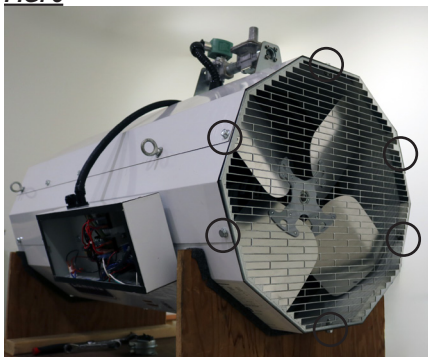


FIG. 2



3. Using a 1/2" wrench. Remove the copper nuts attaching the copper tubes to the Air Pressure Switch. See Fig. 2.
4. Disconnect the 2 blue wires mounted to the Air Pressure Switch.
5. Using a 1/4" nut driver. Remove the 2 1/4" B point screws mounting the Air Pressure Switch to the control box and place to the side.
6. Remove the Air Pressure Switch from the heater, replace the 2 screws back into the mounting holes and tighten.
7. Using a 1/2" Socket or wrench. Remove the 6, 1/2" bolts mounting the fan guard to the heater. Once removed, take the fan guard and bolts and set them to the side. See Fig. 3.

FIG. 3

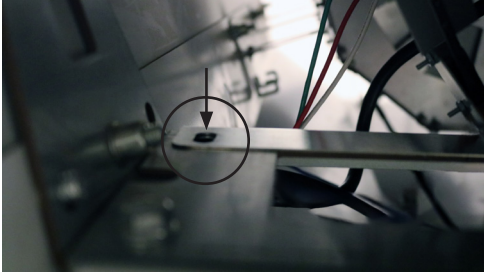


7. Looking through the fan blade. Locate and remove the front left motor mount 1/2" bolt and set to the side.
8. Looking through the fan blade, locate the copper tubing and remove it from the mounting bracket.
9. Remove the copper tubing from inside the control box and discard.

Installation:

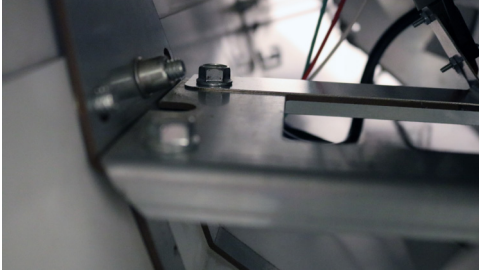
1. Locate the front left motor mount bolt hole and place the sail switch and bracket into place. See Fig. 4.

FIG. 4



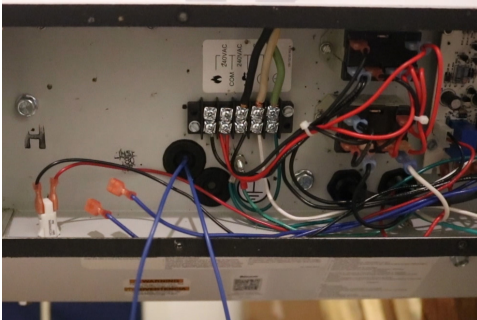
2. Install the $\frac{1}{2}$ " bolt you removed from the motor mount previously through the sail switch mounting bracket and tighten. See Fig. 5.

FIG. 5



3. Using the 2 blue wires in the conversion kit, connect them to the wires in the control box.
4. Insert the other end of the terminals through the grommet holes in the control box, into the heater. (previously occupied by the copper tubing). See Fig. 6.

FIG. 6



5. Connect the 2 blue wires to the sail switch terminals.
6. Install the fan guard and tighten all 6, $\frac{1}{2}$ " bolts.

7. Pull the slack out of the blue wires folding any extra inside the control box.
8. Install the control box cover and tighten all 6, screws.

Completion:

1. Turn the gas supply on to the heater.
2. Plug the heater into the proper electrical source.
3. Turn the heater to heat mode. Make sure the heater operates normally.

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.

Be sure that you have either the heater model or serial number when calling.



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