

Technical Data Sheet

90-57501 Tribute DV Blower Installation Instructions

Part #90-57501 for Tribute DV Model 8050

Publish Date: 02/23/2008

INCLUDED IN KIT:

- (1) Blower Housing w/
Snap Switch Box
Rheostat
Power cord
- (2) 4500-3715: 8-32 x 1" Black Oxide Pan Head Screws
- (1) 4500-3435: 8-32 x 3/8" Black Oxide Pan Head Screw
- (1) 5905-020: Side Air Plenum Plate
- (1) 7200-602: Control Knob

TOOLS REQUIRED:

- Phillips Screwdriver
- 7/16" Wrench



BEFORE YOU BEGIN: You will need access to the left side of the stove. If the stone set is installed, remove the top stones and the stones on the left side. For maximum accessibility, also remove the stone retaining / heat shield on the left side. To do this, loosen the nut on the top of the firebox with the 7/16" wrench and slide the stone retainer / heat shield out of the stove.

PROCEDURE:

1. Place the blower housing behind the stove and push the rheostat and snap switch boxes toward the front of the unit.
2. Position the housing as shown in photo 1, with the screen facing up.



Photo #1
Slide the blower housing under the back of the stove as shown here. Note the position of the left mounting bracket

3. Locate the mounting bracket underneath the stove (shown in photo 2).

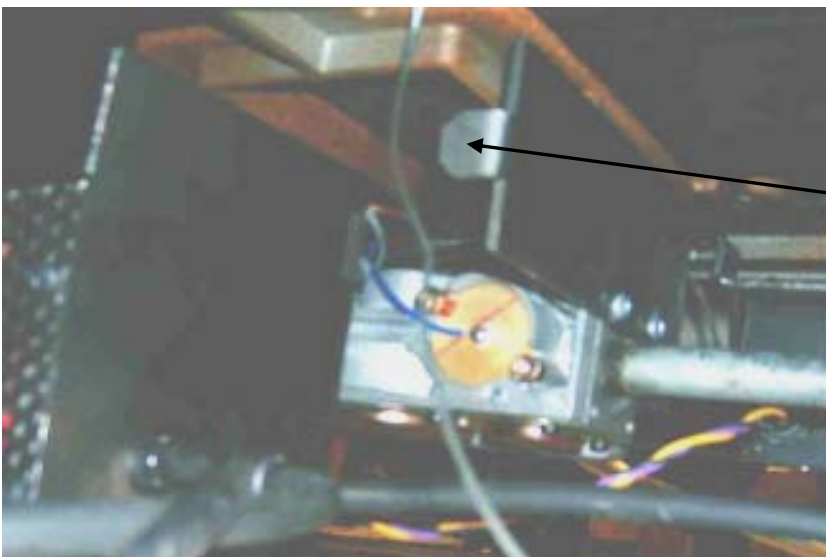


Photo #2
The blower mounting bracket shown underneath the stove. The slot on the right edge of the blower housing slides over this bracket.

4. Once the blower is under the stove, rotate it a quarter turn as shown in photo 3. With the blower in this position, slide it to the left so that the slot on the side will slide over the mounting bracket as shown in photo 4.



Photo #3
Rotate the blower so that the open end is facing up.

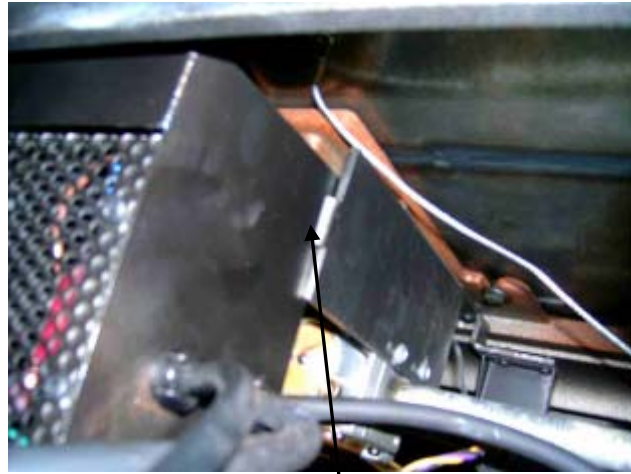


Photo #4
The blower is placed onto the mounting bracket.

5. Position the blower so that the two holes in the mounting bracket line up under the two corresponding holes in the bottom casting of the stove (the holes in the bottom casting are clearly seen in photo 3 above). Holding the blower in this position, insert the two 10-24 pan head screws down through the bottom casting and thread them into the bracket on the blower. Tighten these with the Phillips screwdriver. Photo 5 shows the orientation.



Photo #5
With the blower bracket lined up with the retaining plate in the bottom, tighten the screws.

Pull the snap switch box over so it is near the snap disc on the back of the stove. Install the wires as shown in photo 6. To properly attach the terminals, the top connector is facing left and bottom facing right.



Photo #6

The proper placement of the terminals: top facing left and bottom facing right.

Improper attachment may damage terminals or snap switch.

6. Install the snap switch box over the snap switch (photo 7). Position the box as shown in Photo 8, rotate the slots so that they are behind the screw heads and secure by tightening the screws with the Phillips screwdriver.



Photo #7

Locate the snap switch on the back of the stove



Photo #8

The snap switch box is installed over the snap switch and tightened by turning in the retaining screws

7. Turn the 8-32 x 3/8 screw loosely into the hole in the rheostat box as shown in photo 9.



Photo #9
Turn the screw into the rheostat box – do not tighten it all the way.

8. Push the rheostat box under the stove and to the front. Position it so that the bent retention tab is next to the igniter bracket. Slide the rheostat box back until it locks into place against the igniter bracket.

BLOWER OPERATION: The blower is activated when the snap switch heats up. It will take several minutes for the heat of the stove to activate the snap switch. A rheostat controls the blower fan speed. The rheostat knob is located on the right hand side of the blower housing. Turn the knob clockwise to turn the blower on. When the knob clicks, the fan is in the on position, and on the highest speed setting. Continuing to turn the knob clockwise reduces fan speed until it reaches its lowest setting. If the fan does not operate at the lowest setting, the rheostat requires adjustment. Contact your dealer for rheostat adjustment. To turn the blower off, turn the knob fully counterclockwise until it clicks into the off setting.