

England's Stove Works, Inc.

*Pellet Stoves
Corn Stoves
Gas Stoves
Wood Stoves*

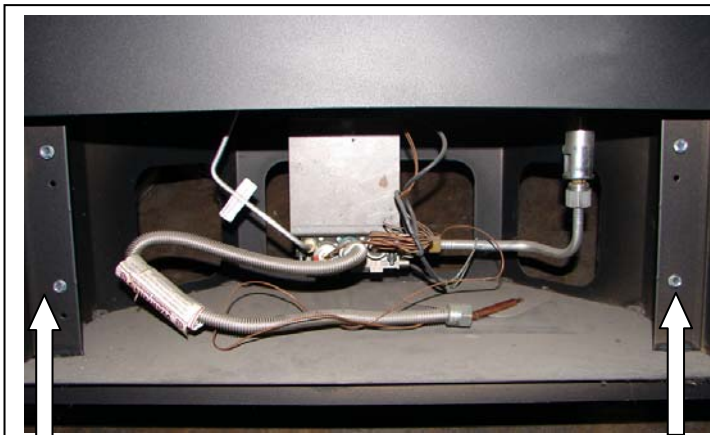
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AC-26BA Blower Installation

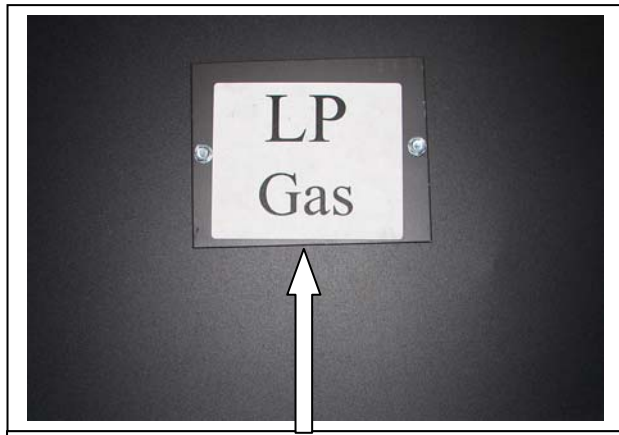
WARNING: STOVE MUST BE OUT (NO FIRE), AND COOLED DOWN BEFORE PROCEEDING. FOLLOW ALL CODES.

Installation of the AC-26BA blower system will require the following tools: A 5/16th socket and ratchet (or a 5/16th wrench), and a 1/2" wrench. You will want the stove moved away from the wall to provide ample room to install the blower unit.

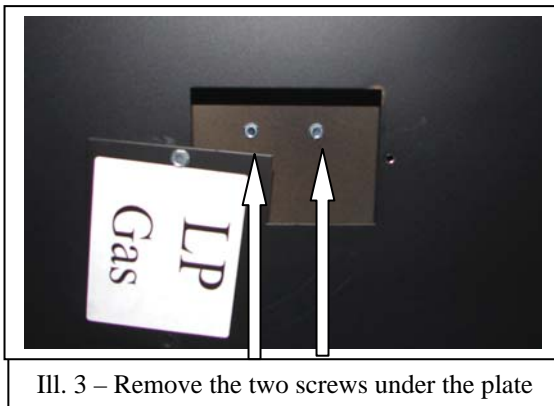
1. Remove the 4 screws from the brackets welded into the back of the pedestal of the stove (Ill. 1). Also remove the plate located in the center of the back panel of the stove (Ill. 2). Beneath this panel, you will find 2 more screws; be sure to remove these 2 screws as well (Ill. 3). These screws are for the mounting of the thermal disk (Step 4), which reads the temperature for the blower.



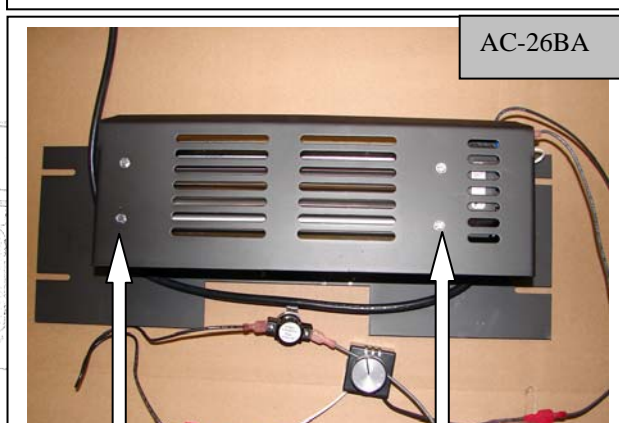
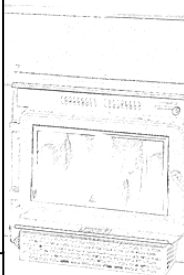
Ill. 1 – Remove four screws from the brackets



Ill. 2 – Remove the plate located in the center of the rear panel



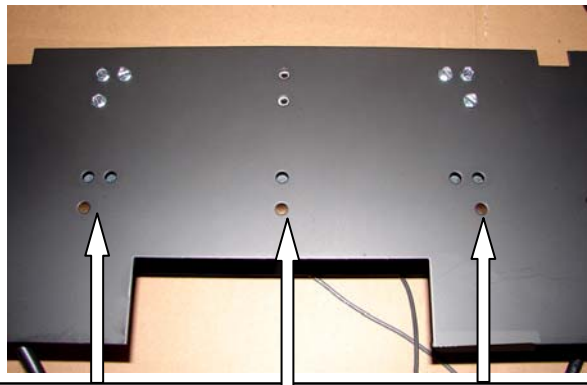
Ill. 3 – Remove the two screws under the plate



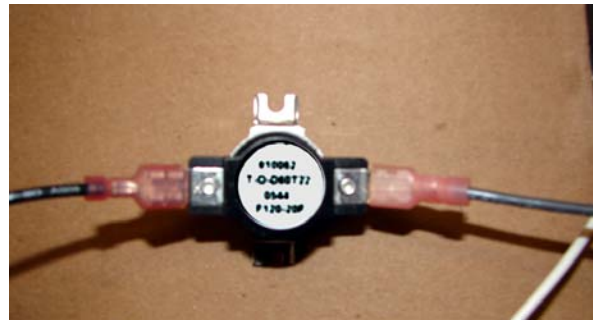
Ill. 4 – Remove guard **only** if hearth adaptable model

2. After unpacking the blower assembly, carefully unravel the wiring harness from around the unit (Ill. 4). **NOTE:** If your stove is the freestanding model stove, **skip** Paragraph 3 and continue at Paragraph 4. However, if your stove is a "hearth model" adaptable (i.e. 26-GUH or 60-SHUH or 60-TRUH gas, green in color, with louvers), Paragraph 3 **does** apply for your unit.

3. Step 3 is for hearth model adaptable (green color, louvered) units only: The blower installation for a hearth model adaptable stove is different than that of the freestanding model, as the blower faces inward and is contained within the stove itself. Follow these steps to convert the blower for the hearth model configuration: On the blower itself, there is a guard held in place by 4 screws (III. 4). Remove this guard and set it aside, as it is not necessary for the hearth model stove. You will also notice two sets of mounting holes for the blower punched into the mounting plate; for the hearth model adaptable units the blower must be positioned on the lower set of holes (III. 5). Remove the screws that will hold the blower to the mounting plate and reposition to the lower set of holes before screwing into place. At this point the blower is ready for final installation.



III. 5 – For hearth model, use lower set of holes



III. 6 – Thermal disk

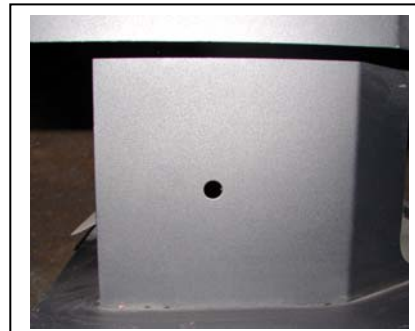
4. To begin final installation, install the thermal disk (III. 6) to the back of the firebox. The wires and disk are passed up through the chamber in the back of the stove to the square opening behind the small plate previously removed in the center of the back (III. 3). Hold the thermal disk in place and screw it down with the two screws you removed in Step 1 (III. 3). Place the blower and mounting plate against the brackets that are welded to the pedestal (III. 1). Line up the holes and screw the mounting plate into place.

5. Next, pass the rheostat (III. 7) wires (with the switch to the inside of the pedestal) to the hole in the side of the pedestal (III. 8). Remove the knob and the flat nut and washer from the rheostat switch, pass the switch through the hole and then reinstall the washer and the nut. Be sure to tighten the nut *gently* until the switch is just tight enough so that it does not move inside the hole (IMPORTANT: DO NOT OVER-TIGHTEN THIS NUT, AS IT MAY DAMAGE THE SWITCH). Install the knob back onto the switch.

NOTE: For **hearth model** installation, the switch is passed through an opening at the left side of the back of the stove to the space behind the side brass louver. Use the bracket installed there to mount the switch – follow the method above in Step 5 to install the switch to the bracket.



III. 7 – Rheostat



III. 8 – Rheostat mounting hole

After installing the blower, you may place your stove back into service. When you turn the blower switch on and your stove heats up to temperature, the blower should turn itself on, and as the stove cools down, it should turn itself off.

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