

Packing List

- Blower Assembly
- Wiring Harness
- Rheostat with Nut and Knob
- Snap Disc
- Mounting Hardware (4) rubber grommets with brass inserts, (4) nuts, (4) washers.
- Cover Assembly

Installation

Warning: Make sure power to the stove has been shut off prior to installation (disable the service breaker).
Do not connect 110-120 VAC to the gas control valve.

Hint: It is easier to install the blower prior to connecting the gas line or installing the stove. If using the GreenSmart™ remote, install it before the blower is in place.

1. Remove the bottom plate by loosening two screws on each side of bottom shroud. It is not necessary to completely remove the screws. See Figure 1.

Slide the bottom plate to the rear of the stove about 1/4" and pull it down as shown in Figure 2.

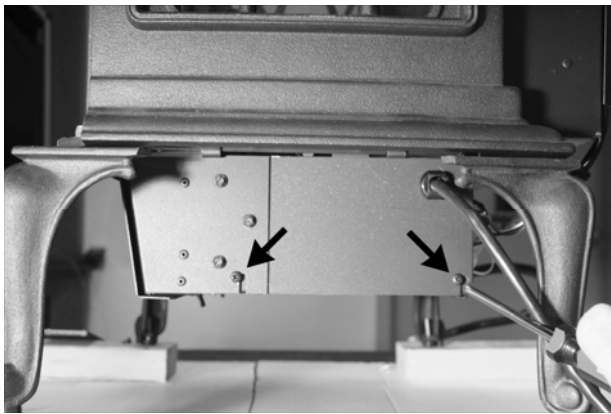


Figure 1

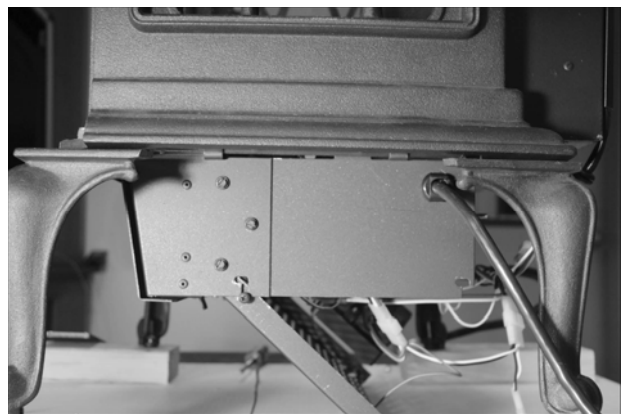


Figure 2

2. Working from the back of the stove, remove the small cover plate and gasket from bottom of the firebox toward the left side. Use a 1/4" nut driver to remove the two screws located at arrows in Figure 3. Set the screws aside for re-use. Discard the cover plate and gasket.
3. Insert the snap disc onto the hole with the two connection prongs pointing down and secure with the two screws.

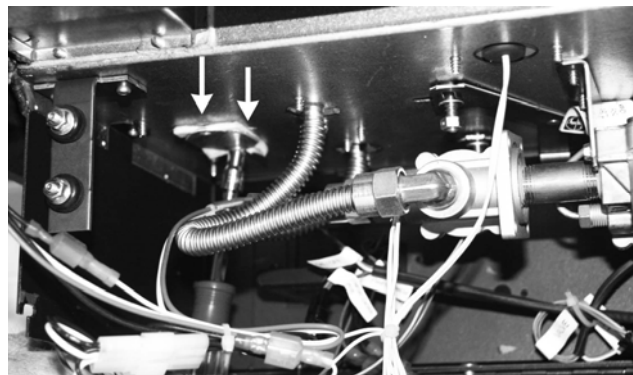


Figure 3



Fan, Eden/Northfield, GS Installation Instructions (SKU 99000142)

4. Take the wire harness included with the fan and push the two connectors labeled “Snap Disc” firmly onto the two terminals of the snap switch. Orientation does not matter. See Figure 4.

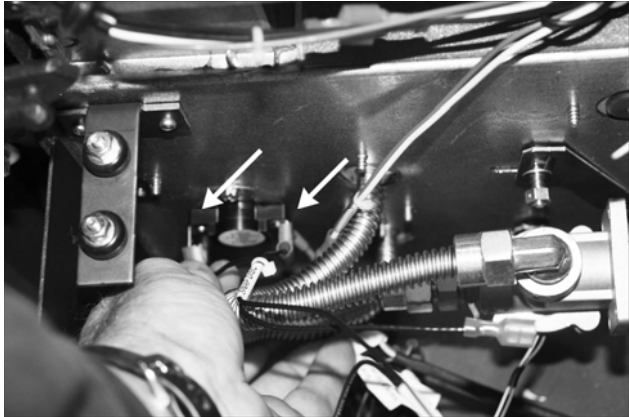


Figure 4



Figure 5

Special Instructions for GreenSmart™ Remote

If your stove does not use the GreenSmart™ Remote, continue with Step 5. If your stove will have the GreenSmart™ Remote, follow the special Instructions below and bypass the rheostat.

Bypassing the Rheostat - Disconnect and discard the electrical line from the snap disk to the rheostat (carefully remove the wire tie and “SNAP DISK” label from the wiring harness - See Figure 6, item “a”). Attach the lead from the power input to the snap disk (see Figure 6, item “b”). Attach the wiring harness Molex plug to the power lead (included with the remote - see figure 6, item “c”). The plug the power lead into the outlet labeled “Fan” on the fan control module. Disregard the instructions for installing the rheostat (steps 5 through 8) or attaching power to the wiring harness (Included in step 9)

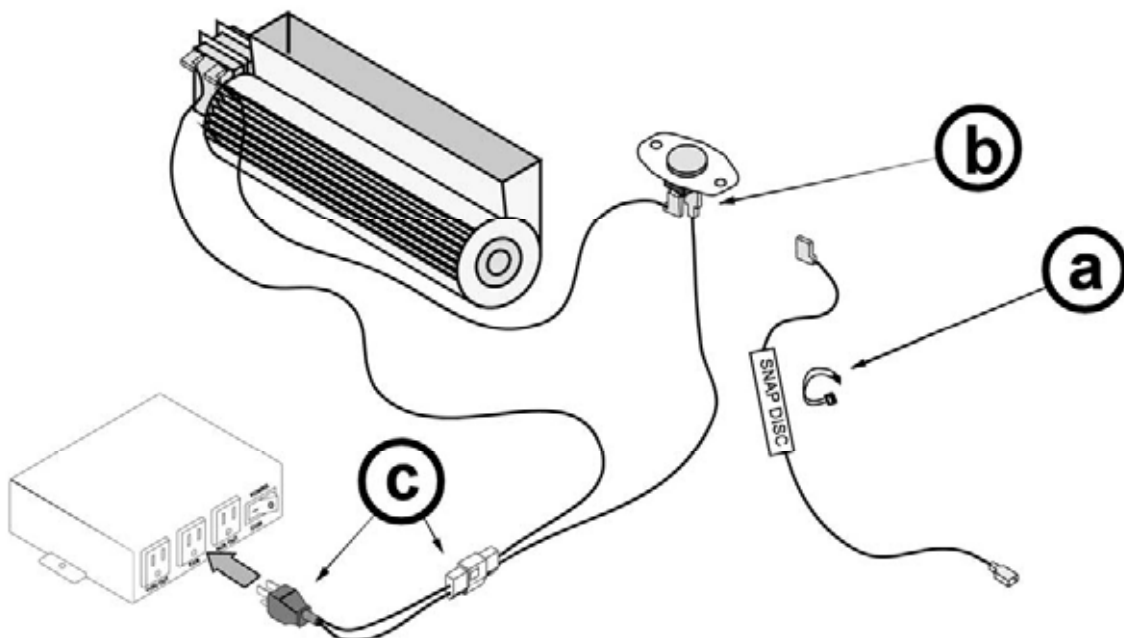


Figure 6

5. Open the front control cover and remove the control panel by removing the four screws in the corners of the panel. See Figure 5. Push the control panel up, tilt the bottom edge out toward you and carefully pull the panel out of the opening. Be careful not to disconnect any wires attached to the back of the panel. Note: as you pull the control panel out, the extension for the flame control knob may come loose. If this happens, align the key inside the knob extension with the slot on the flame adjust knob and firmly press the extension onto the flame adjust knob.

6. Connect the fan rheostat. Pull the single loose wire leading from the snap disc and the single loose wire leading from the white plastic power connection toward the front of the stove and firmly connect them to the wires from the rheostat. Orientation of the wires does not matter. Place the rheostat under the stove near the front.

7. Move the rheostat up behind the control panel and prepare to push the rheostat knob stem through the large hole labeled "Blower". Turn the rheostat so the small projection near the knob stem inserts into the small hole in the control panel. See Figures 6 & 7. From the front of the control panel place the large sheet metal nut on the rheostat knob stem and using an adjustable wrench, tighten the nut until the rheostat is firmly attached.

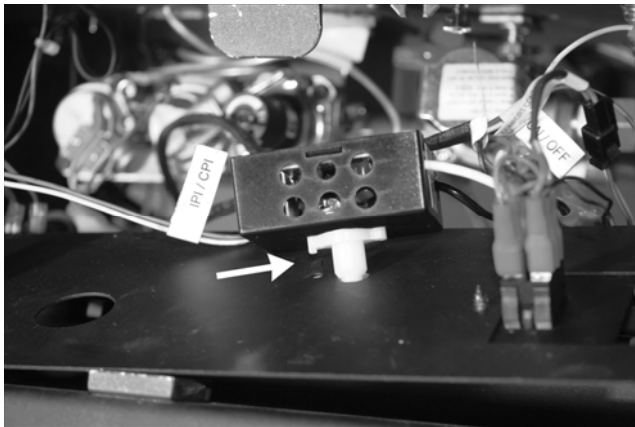


Figure 6



Figure 7

8. Position the black knob over the rheostat stem so it aligns with the "D" slot and press it into place. Replace the control panel and secure with the four screws. Take care that the top edge of the panel goes behind the air shutter lever tabs (See manual for air shutter lever location). Check that no wires have been disconnected or are trapped between the control panel and its support brackets where they could cause a short.

9. Place the fan assembly at the back of the stove with the motor positioned to your left. Firmly press the two connectors on the fan wiring harness marked "Blower" onto the tabs on the fan motor. Orientation does not matter. Connect the white plastic 2-wire connector on the fan wiring harness to the corresponding 2-wire connector on the stove wiring harness. See Figure 8.

10. Place a black rubber grommet (with a brass insert) over the two threaded studs in the fan mounting bracket on the stove at your left as you face the back of the stove. Place a flat washer over each stud and thread on a hex lock nut. Tighten the nuts so the nut is flush with the end of the stud. Use an 11/32 driver. See Figure 9.



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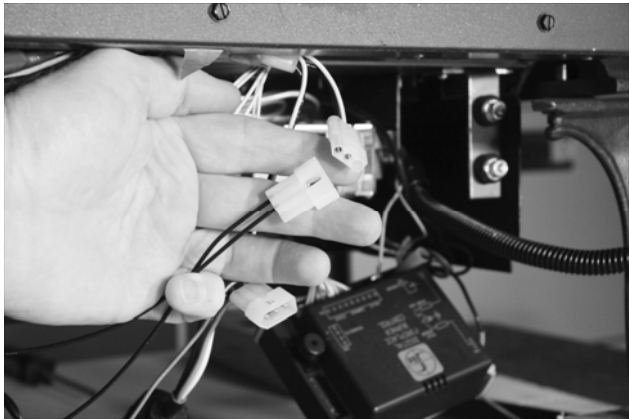


Figure 8

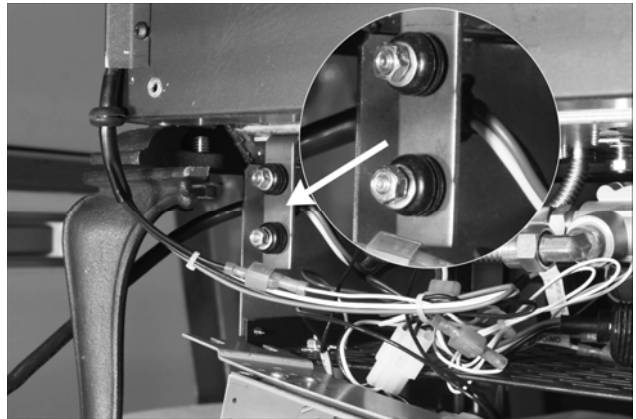


Figure 9

11. Press a grommet (with brass insert) into each of the two slots at the right side of the fan mounting plate. The edges of the sheet metal slide into the groove around the grommet. Push the grommets all the way into the slots. See Figure 10.

12. Turn the fan assembly so the discharge chute is facing up and the impeller is facing toward you. Push the slots in the left edge of the fan mounting plate into the grooves of the grommets secured to the two threaded studs. See Figure 11. Route the wires from the control box on the back of the stove over the top of the fan mounting plate at the left side.

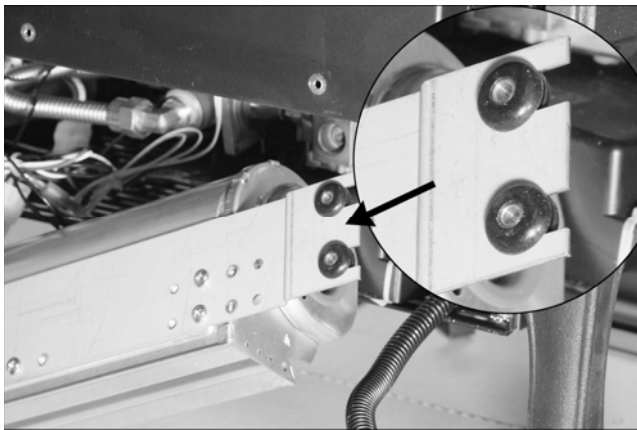


Figure 10

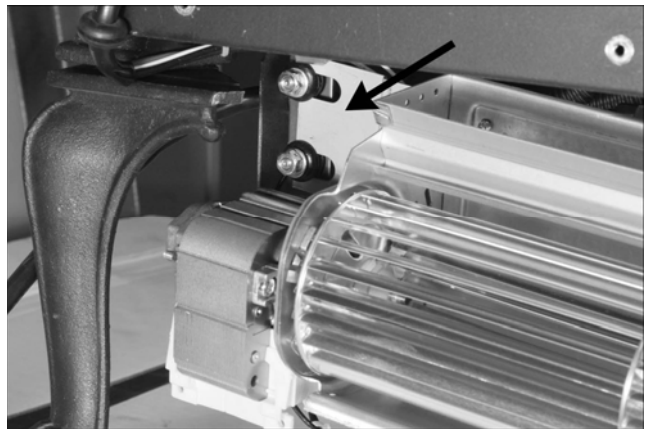


Figure 11

13. At the right side of the fan mounting plate, center the grommets (with brass inserts) over the two threaded studs and push the grommets over the studs. See Figure 12. Place a flat washer over each grommet, thread on a lock-nut and tighten firmly just until the washer contacts the brass insert in the grommet. Also tighten the lock nuts on the left side of the fan mounting plate just until the washers contact the brass insert in the grommets. Be careful not to capture any wires between the mounting plate and the support brackets.

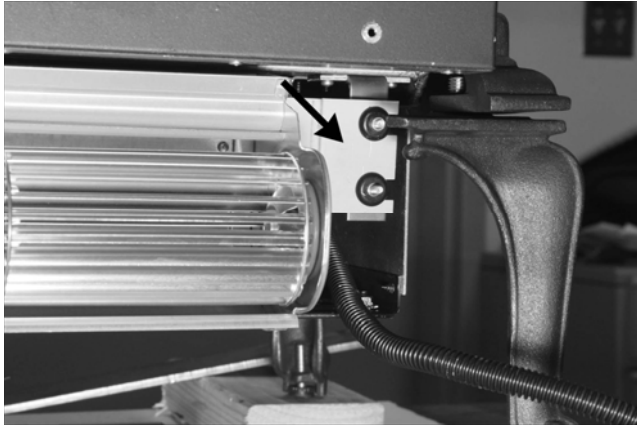


Figure 12

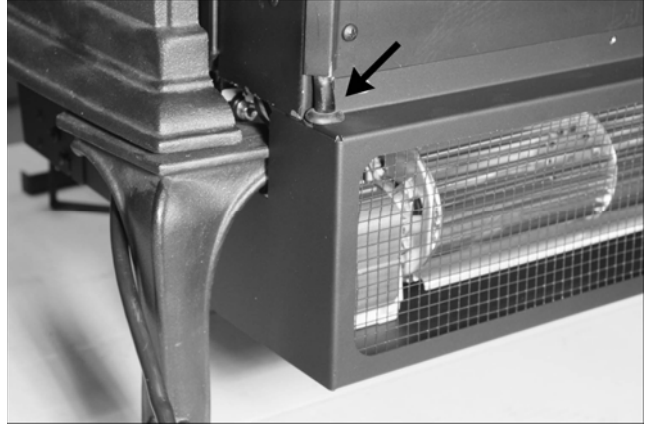


Figure 13

14. Install the fan cover. Remove the three screws from the lower edge of the rear convection chamber. Use these screws to attach the fan cover. Note the grommet on the wires from the control box at the back of the stove. Slide the grommet on the control box wire bundle into the half-round at the top left side of the control cover. See Figure 13. Position the fan cover and insert the three screws. See Figure 14.

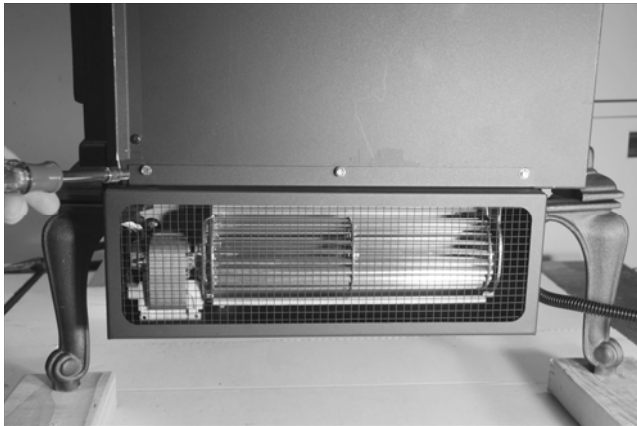


Figure 14

15. Replace the bottom panel. Bundle wires together and secure them with a wire tie as necessary to prevent them from contacting moving or hot surfaces. Check that wire connections have not separated. If any of the control modules have shifted, reposition them as necessary. Press the bottom panel in place with the screws in the slots, pull the panel forward and tighten the four screws.