

Compatibility

- ProBuilder 42 Linear
- ProBuilder 54 Linear
- ProBuilder 72 Linear

Packing List

- Left and Right Blower Assemblies



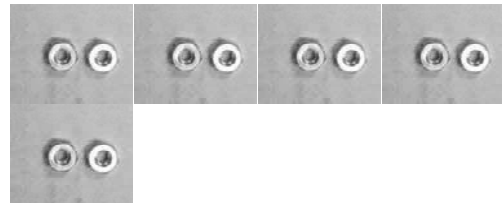
- Wiring Harness



- Rheostat Assembly



- (10) 8-32 KEPS nuts (use 11/32" nutdriver)



- Snap Disk



Installation Notes

Install The Blower First

The blower is best installed by removing the front cover. This must be done before the fireplace facing (tile, etc.) is placed over the front of the fireplace. If the facing has been installed, the blower may be installed by removing the burner then removing the two access plates on the firebox floor.

If using the optional remote, install the blower first.

WARNING: Disable power to the fireplace while installing the blower (disable the service breaker). Do not activate power to the fireplace until the blower kit is fully installed and grounded. Do not connect 110-120 VAC to the gas control valve or wiring system of this appliance.



ProBuilder Linear Blower Kit (MV / GSB2)

99000194 –Obsolete

(42 ProBuilder Linear Only)

99000197

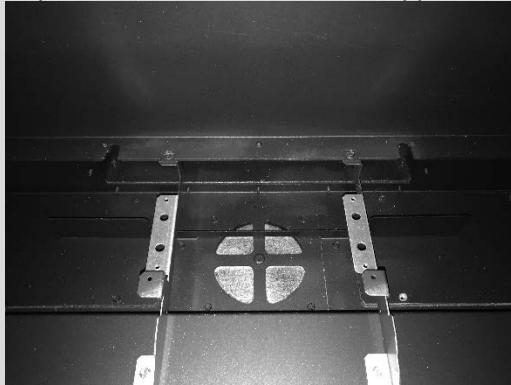
(42, 54, or 72 ProBuilder Linear)

Installing the Blower from Inside Firebox (not recommended)

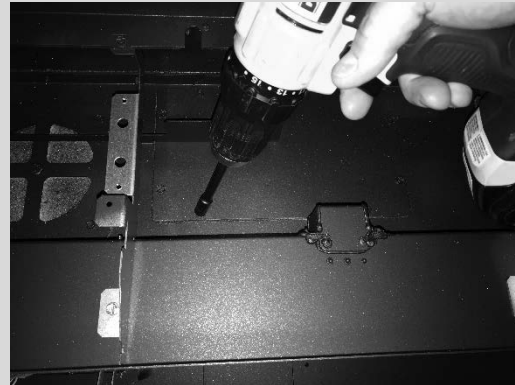
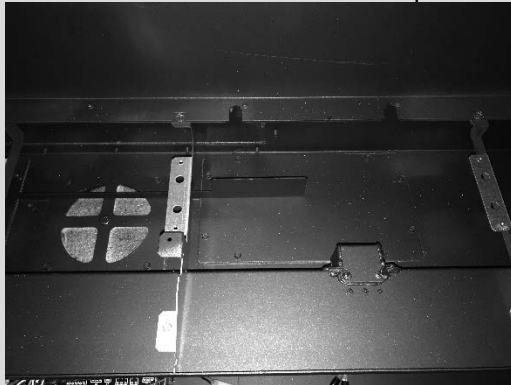
If the fireplace facing is already installed (the access panel is covered with facing), you can still gain access under the firebox by following the steps below.

1. Remove the screws that secure the burner to the unit (1/4" drive)
2. Remove the burner from the fireplace
3. Remove the air deflector (make note of the orientation of the deflector - it must be put back in using the same orientation).

NOTE: The 42 version is shown below. The 54 and 72 versions are different. The 72 version also requires removal of two burner supports.



4. There are two access panels in the bottom of the firebox. Remove the (8) screws along the outer edge of each access panel and set them aside for reinstallation. On the underside of the panels, you will find the blower mounting studs shown in step (3). Mount the blowers and run the wire harness. Reinstall the firebox components.



The blower attaches to the studs on the plate.



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HOUSE OF FIRE

ProBuilder Linear Blower Kit (MV / GSB2)

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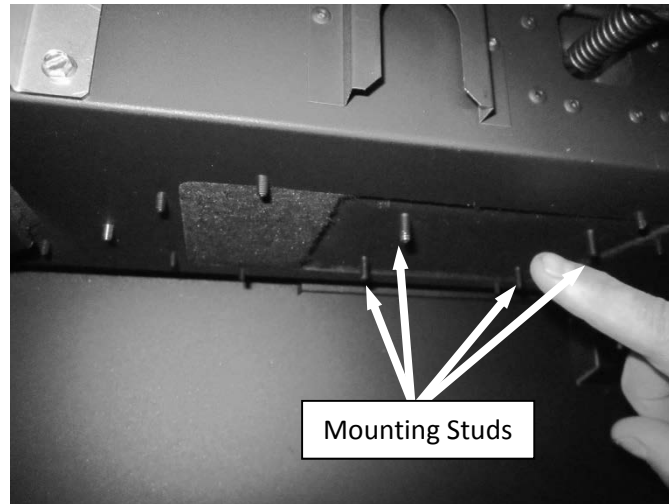
(42 ProBuilder Linear Only)

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(42, 54, or 72 ProBuilder Linear)

Installation

1. Disable power to the fireplace (turn the service breaker off).
2. Remove the lower front access panel from the fireplace by reaching in behind it and loosening the two wing nuts and (1) ¼” screw on each side of the panel that hold it in place (see fireplace manual for details.) Lift up and then out on the panel to remove. Set the panel aside for reinstallation.
3. Locate the mounting studs on the bottom, left and right of the firebox.





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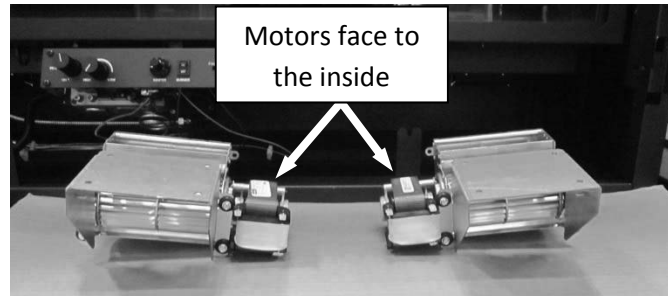
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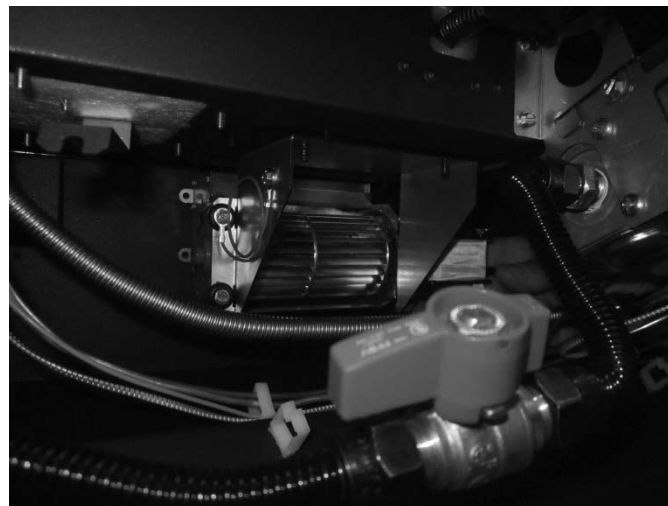
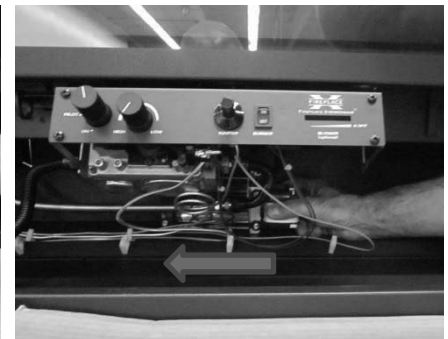
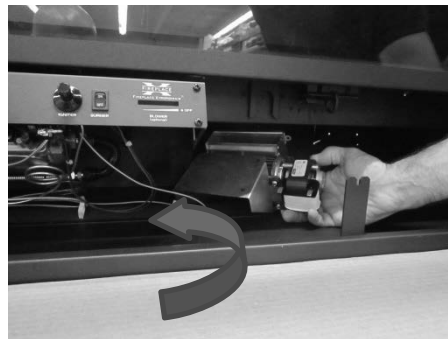
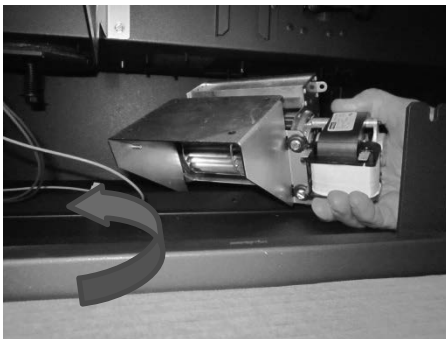
(42, 54, or 72 ProBuilder Linear)

4. Insert the blower assemblies into the lower portion of the fireplace and attach them (using 2 nuts) to the studs located in step 3. The assemblies should be oriented with the brackets closer to the front of the fireplace and the motors should be in the middle (see picture below).



5. The left blower should be installed first. Use (4) of the nuts to secure the blower bracket to the studs on the bottom of the firebox.

NOTE: You will need to insert the blower assembly into the fireplace on the right side of the valve. Move the assembly into place by sliding it to the left, behind the valve.





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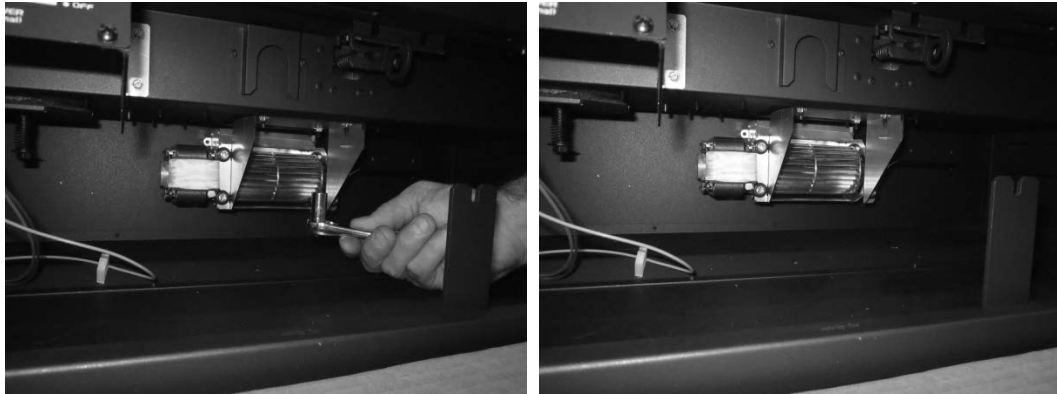
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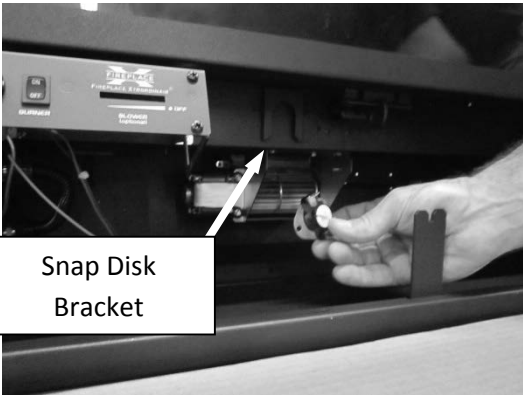
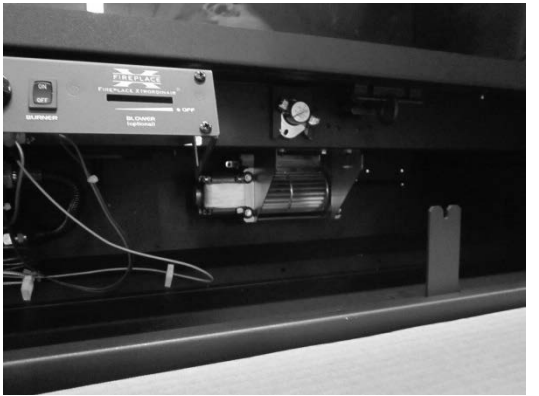
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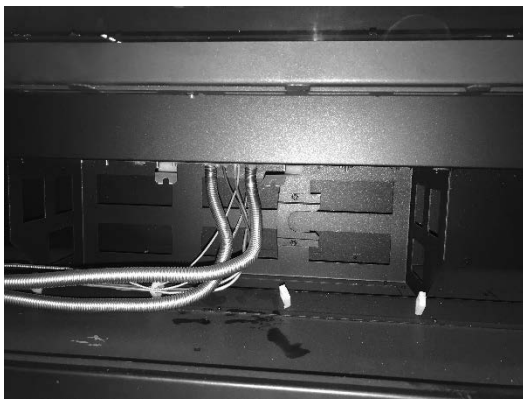
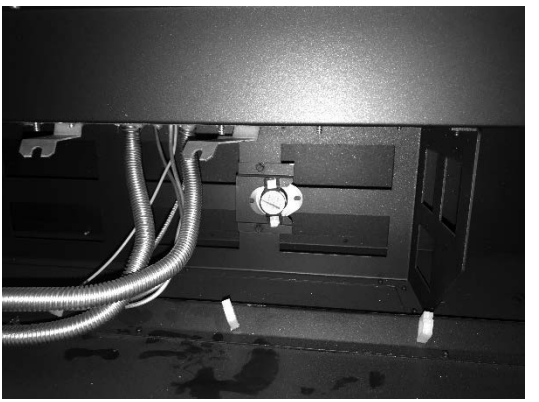
(42, 54, or 72 ProBuilder Linear)

6. Install the right blower assembly in the same manner as the left blower in the previous step.



7. Install the snap disk into the bracket on the fireplace (see below).

42 & 54 Units	<p>Slide the snap disk into the snap disk bracket located on the lower front of the firebox, just in front of the right blower</p>	 <p style="text-align: center;">Snap Disk Bracket</p>	
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72 Units	<p>Slide the snap disk into the snap disk bracket located on the support bracket near the center of the appliance, just to the right of the gas flex lines.</p>		
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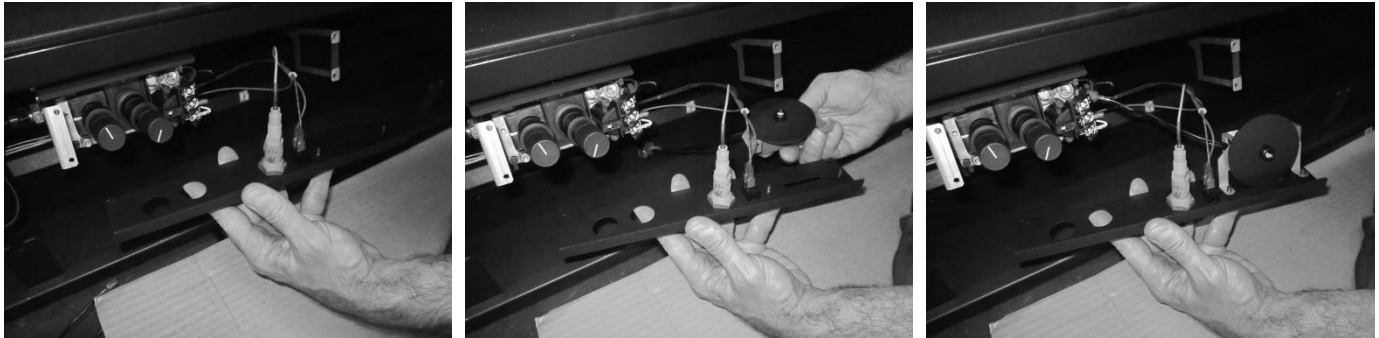
(42, 54, or 72 ProBuilder Linear)

- Remove the 4 screws that secure the dashboard to the fireplace and gently lower it to gain access to the back side.

NOTE There should be enough slack in the attached wires to lower the dashboard to the floor. Make sure not to damage any of the attached wires.



- Locate the two pem-studs on the right side of the dashboard. Place the rheostat assembly bracket onto the studs. The bent up portion of the bracket should be closest to the top of the dashboard and the metal control wheel will fit into the slot on the dashboard when the assembly is in the correct position. Attach the assembly to the dashboard using (2) nuts. Reinstall the dashboard into the fireplace. Make sure that the wires from the rheostat are easily accessible for the following steps (see picture below).





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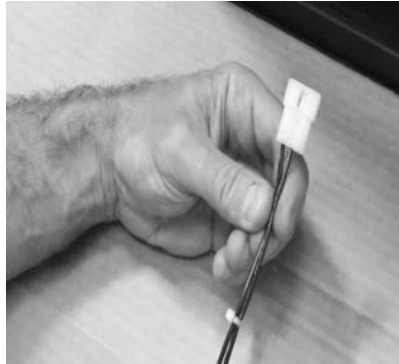
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- Uncoil the wire harness that was included with the kit. Find the white, female Molex connector labeled "Power In" and connect it to the male connector on the power junction box on the left side of the fireplace.



MV UNIT	<p>For MV units, find the white, female Molex connector labeled "Power In" and connect it to the male connector on the power junction box on the left side of the fireplace.</p>	
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GSB2 UNIT	<p>For GSB2 units, there is a splitter that comes installed on the unit. Find the connector labeled "FAN" and remove the empty half of the Molex (see pictures to the right). Connect the wire harness from the blower to this Molex.</p>	
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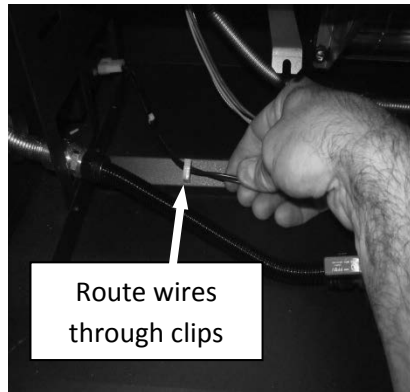
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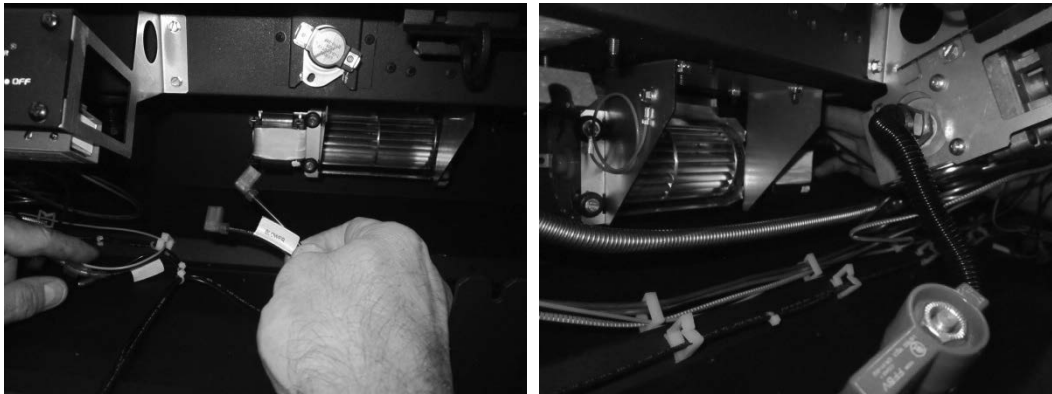
11. Route the wire harness through the plastic retainer clips on the floor of the fireplace. (see pictures below)



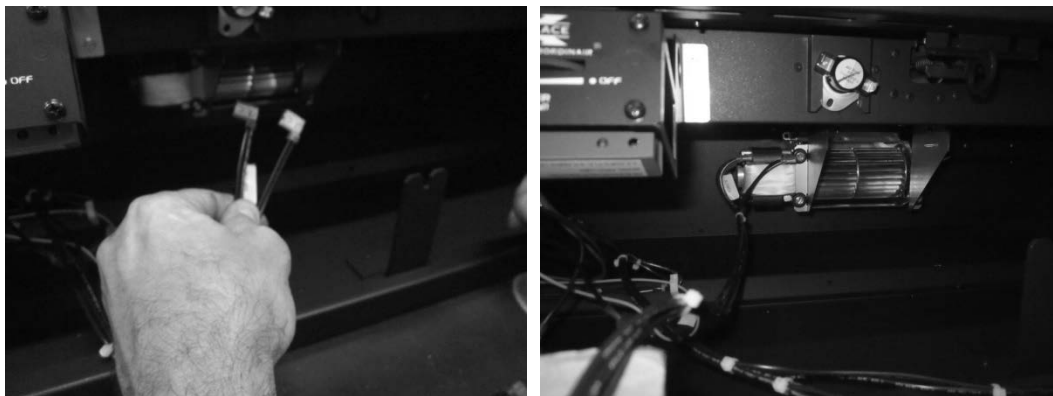
NOTE Polarity does not matter for any of the connections that you will make in this circuit from this point forward.

12. There are two sets of wires labeled “Blower”. Locate the wires on the harness that are labeled “Blower” AND have red connectors. Route these wires to the left blower and attach the connectors to the electrical posts on the blower motor.

NOTE You will need to reach around the back side of the valve to make these connections and will need to find the posts mainly by feel. The posts will be facing toward the front of the fireplace.



13. Locate the other set of wires that are labeled “Blower”. These wires will have blue connectors on them. Push the connectors onto the posts of the right hand blower.





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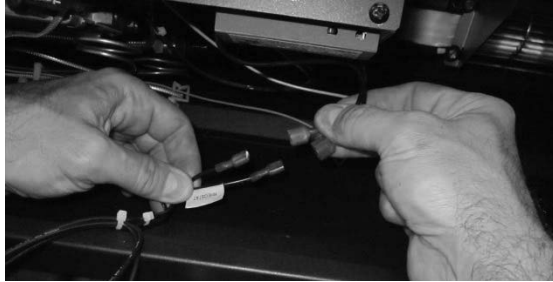
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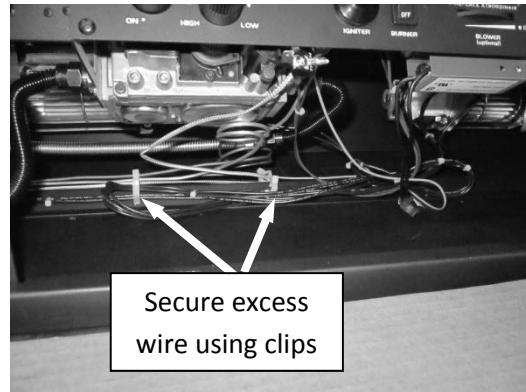
14. Locate the wires labeled “Rheostat” and connect them to the two wires on the Rheostat. Guide the wires back to the retainer clips to restrain any slack in the wires.



15. Attach the two remaining wires, labeled “Snap Disk”, to the posts on the snap disk installed in step 7.



16. Coil any remaining slack in the wire harness and use the retainer clips secure the wires to the bottom of the fireplace tidy up the installation.



17. Restore the fireplace to the correct configuration and activate power to the fireplace.