

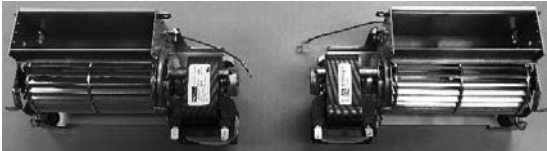


Compatibility

- ProBuilder 24CF MV
- ProBuilder 24CF GSB2
- ProBuilder 36CF MV
- ProBuilder 36CF GSB2
- ProBuilder 42CF MV
- ProBuilder 42CF GSB2

Packing List

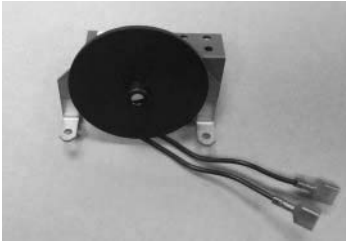
- Left and Right Blower Assemblies



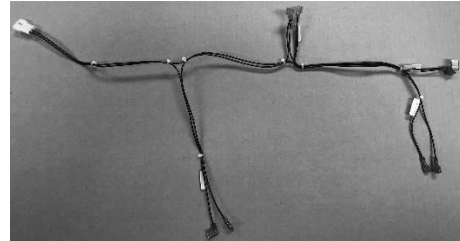
- (5) 8-32 KEPS nuts (use 11/32" wrench)



- Rheostat Assembly



- Wiring Harness



- Snap Disc



Tools Required

- 11/32" Nutdriver/Wrench
- 1/4" Nutdriver/Wrench
- Philips Screw Driver



Installation Notes

If using a Ember-Glo light Kit – Install the light kit before the blower

The light kit contains an adaptor that allows for multiple AC powered components. If not using the light kit, the blower will connect directly to the “power in” for the fireplace **on MV units**.

Install the Blower Before Setting the Unit in Place

The blower is best installed by removing the rear access plate. This must be done before the fireplace is installed. If the fireplace has already been installed, the blowers may be installed by removing the burner then removing the access plates on the firebox floor.

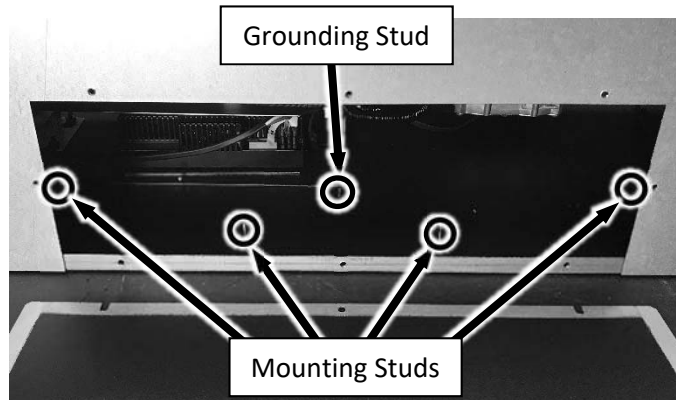
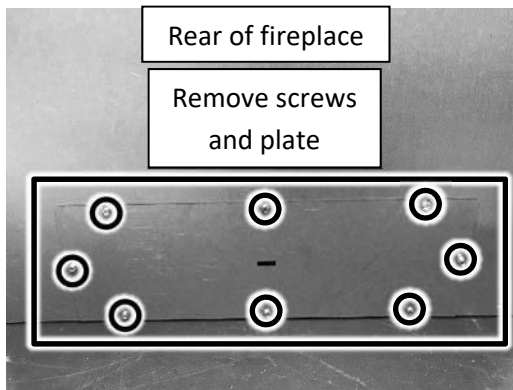
WARNING: Disable power to the fireplace while installing the blower (disable the service breaker). Do not activate power to the fireplace until the blower kit is fully installed and grounded. **Do not connect 110-120 VAC to the gas control valve or wiring system of this appliance.**



If installing the blowers after installing the fireplace (NOT RECOMMENDED) skip the to the “Installation” section on page 7.

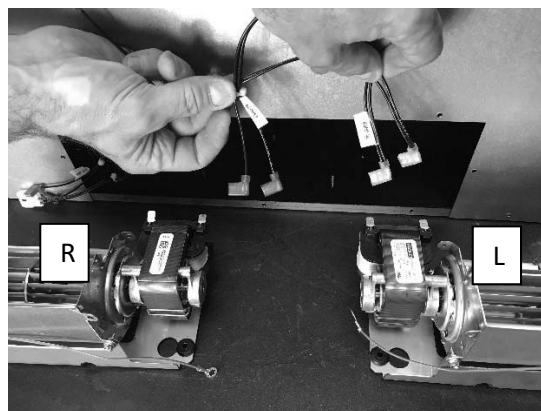
Installation

1. Disable power to the fireplace (turn the service breaker off).
2. Remove the rear access panel from the back of the fireplace by removing the (8) screws. Use a ¼” nut driver. Set the access cover and screws aside for reinstallation. Locate the blower mounting studs on the bottom of floor of the fireplace (see below).



3. Attach the wire harness to the blower assemblies. The BLUE connectors will attach to the left blower and the RED will attach to the right (see below.)

NOTE: Left and Right are in relation to facing the front of the appliance.





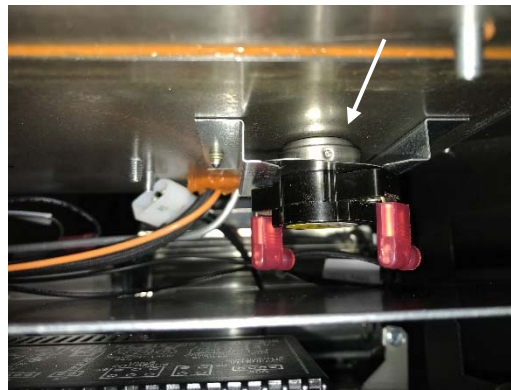
ProBuilder 24/36/42CF Blower Kit (MV / GSB2)

SKU# 99000199

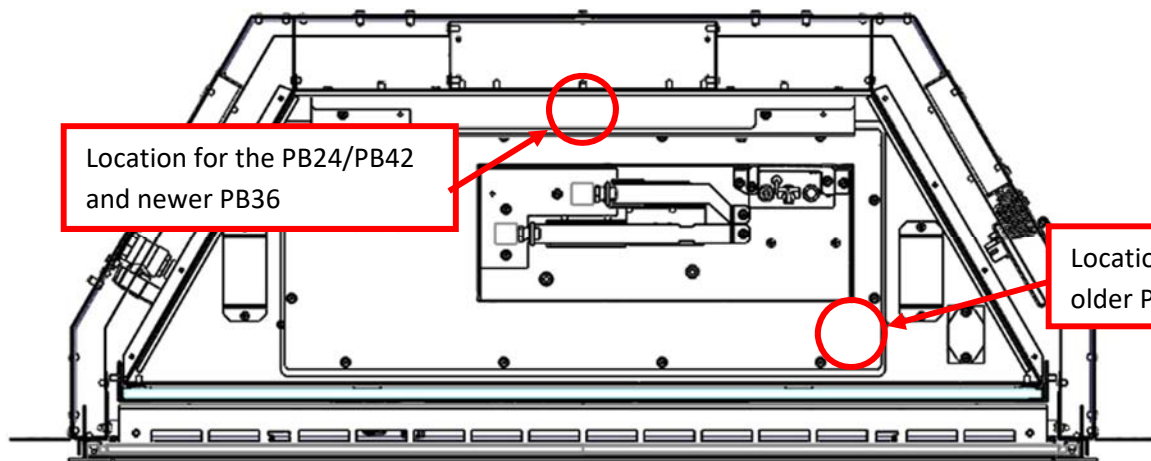
4. Locate the wires labeled "Snap Disc". Attach the wires to the electrical posts of the included snap disc (polarity does not matter).



5. Look through the access hole in the back of the fireplace and locate the snap disc bracket. Slide the snap disc into the bracket as shown below. When in place it must be snug against the firebox floor.



Location of Snap Disk Bracket





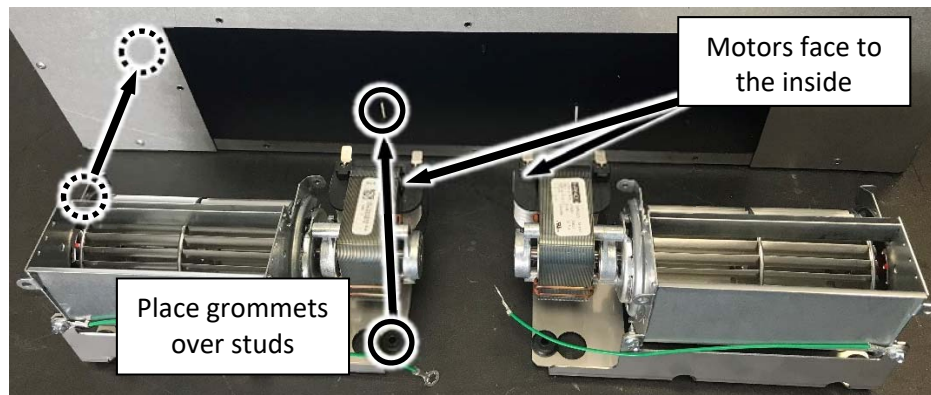
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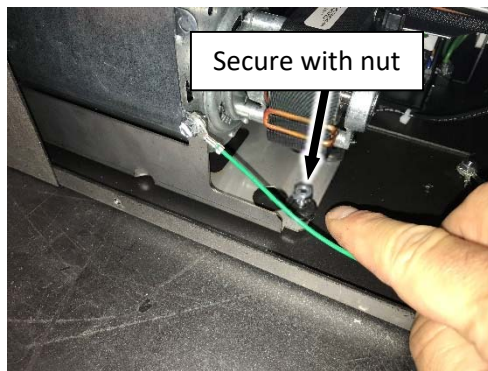
6. Take the (2) green wires connected to the blower brackets and place them both over the center stud in the cavity under the fireplace. Use (1) of the 8-32 KEPS nuts to secure the wires to the stud.



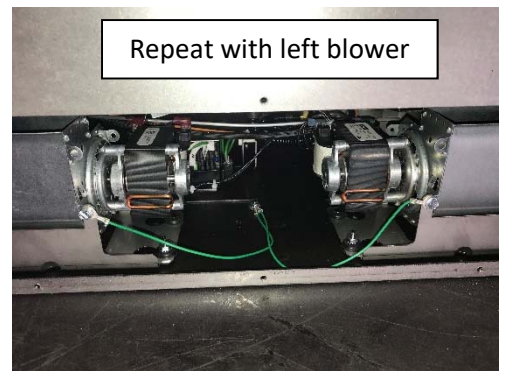
7. Guide the remaining wire harness into the fireplace and direct it toward the right front corner of the fireplace. Insert the blower assemblies into the cavity. Place the rubber grommets over the studs and use (2) of the 8-32 KEPS nuts to secure the blower assemblies (use one nut per blower and do not overtighten). The blower assemblies should be oriented so the motors are in the middle (see picture below).



Place grommets over studs



Secure with nut



Repeat with left blower

HINT: electrical access plates are located on the side of the fireplace if additional access is required.

8. Replace the rear access panel (see step 2).



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9. Detach the dashboard from the front of the fireplace and set the dashboard face down (do not disconnect any wires). Set the (4) screws aside for re-installation.



10. Find the wires marked "Rheostat on the wire harness and attach them to the two electrical leads from the rheostat (polarity doesn't matter).



11. Attach the rheostat assembly to the back of the dashboard as shown below. Secure using (2) of the 8-32 KEPS nuts

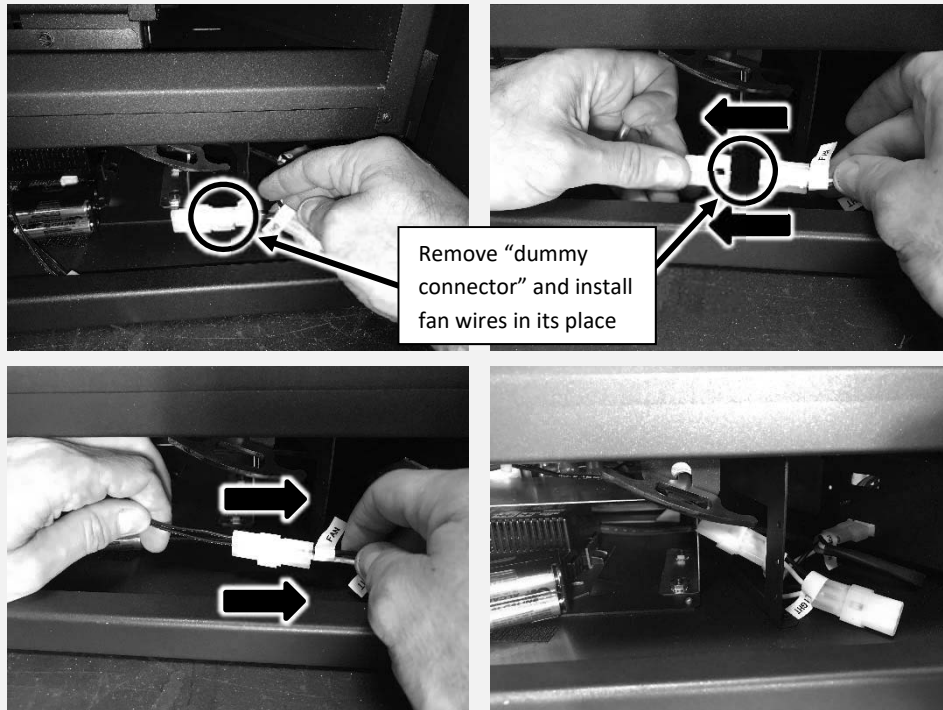




12. Connect to power (see details below).

GSB2 Units

Locate the “power in” wire harness on the right side. Find the connector labeled “Fan”. Remove the dummy connector from the power in harness as shown below and connect the power connector from the fan harness in its place.



MV Units

For MV units, connect the blower wires directly to the “power in” Molex connector on the fireplace. If an Ember-Glo light kit has been installed, it includes a “power in” wire harness that acts as a splitter. When used, connect to the Molex connector that is labeled “Fan”.

13. Reinstall the dashboard removed in step 9.



ProBuilder 24 - Installing the Blower from Inside Firebox (not recommended)

The fireplace is equipped with a removable valve tray assembly that allows for installation and service of the blower after the fireplace has been installed. To access the lower portion of the appliance:

- Turn the gas off to the fireplace.
- Disable AC power to the fireplace (turn off breaker)
- Remove the glass assembly and logs (see manual).
- Remove the media tray skirt



- Lift the burner straight up and remove it from the fireplace.

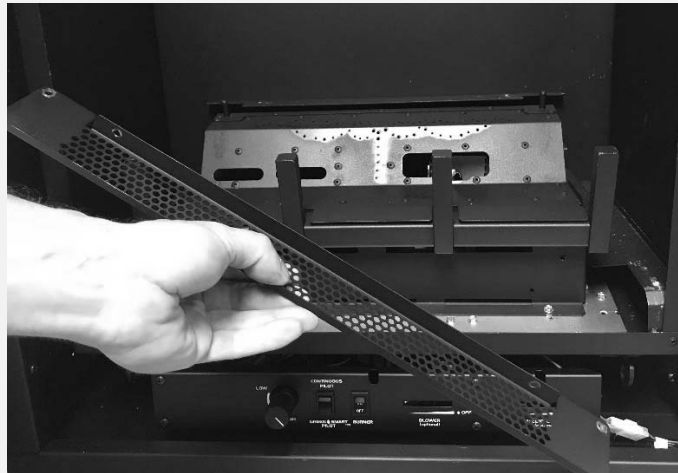
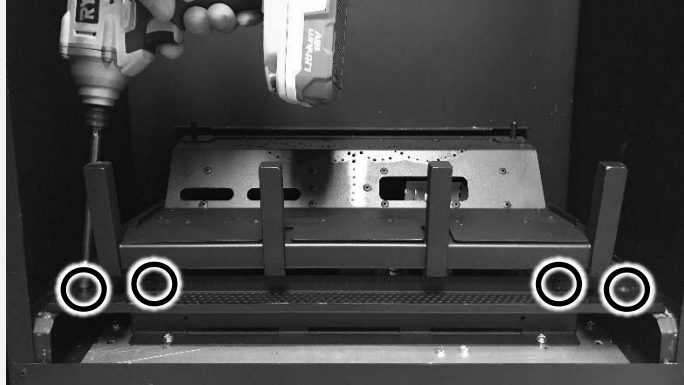




ProBuilder 24/36/42CF Blower Kit (MV / GSB2)

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- Use a $\frac{1}{4}$ " nut driver or screw gun to remove the (4) screws that secure the front ember tray to the grate and the two side ember trays (see below). Remove the front ember tray from the fireplace.



- Use a $\frac{1}{4}$ " nut driver or screw gun to remove the (2) screws that secure the grate to the fireplace floor.





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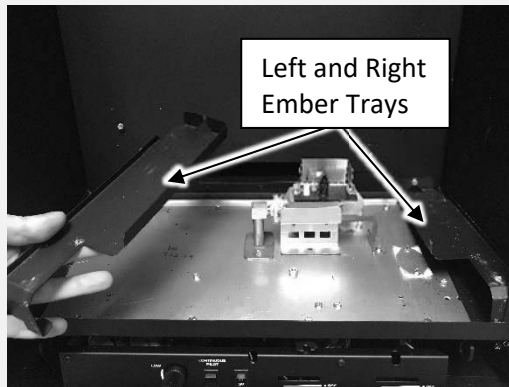
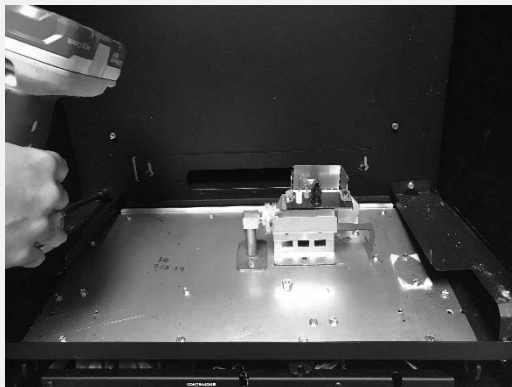
- Loosen the (2) screws that secure the grate to the back wall (do not remove the rear screws, the grate has key-hole slots that will fit over the screw heads).



- Lift the grate straight up and then forward to remove it from the fireplace.



- Loosen (do not remove) the screws that secure the side ember trays to the back wall of the firebox. Slightly lift up on the trays to disengage from the screws and remove the trays from the firebox.

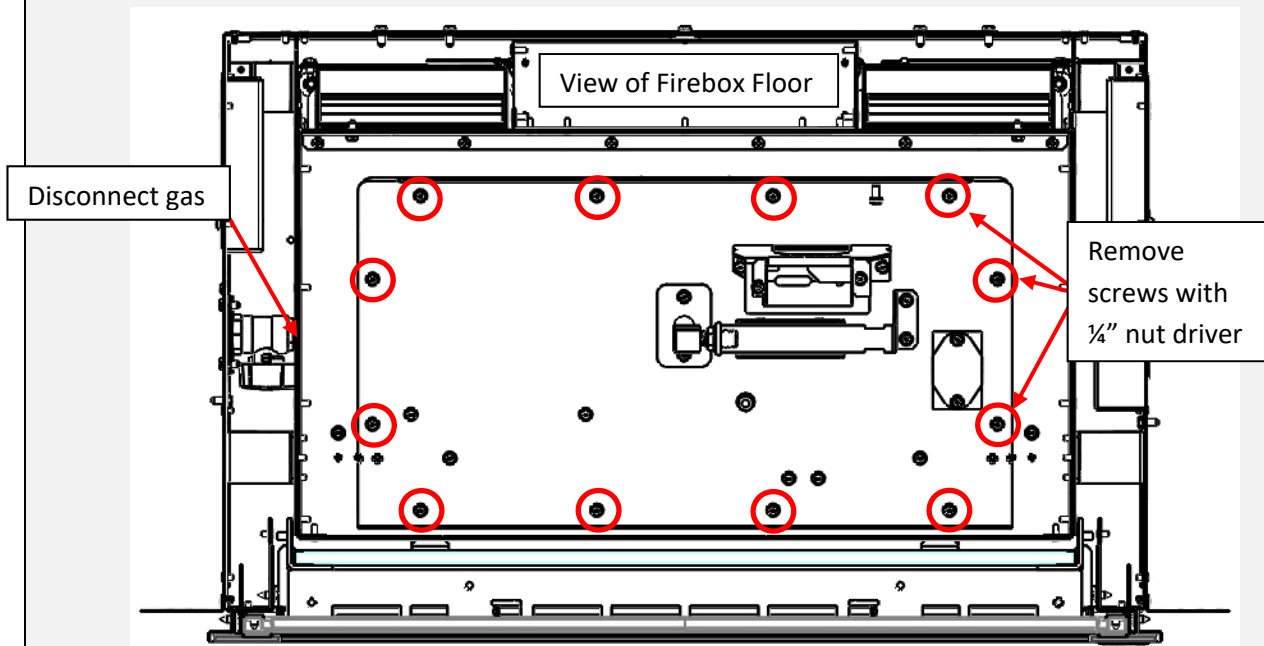




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- Use a $\frac{1}{4}$ " nut driver to remove the (12) screws that secure the valve tray (see below).
Do not over-tighten screws when replacing.
- Remove the dashboard to access the area below the burner tray (you may need to remove the extension knobs on MV units as well).
- Disconnect the gas line from the service shutoff valve below the firebox (see below).
Leak test all gas lines after installation.
- Disconnect electrical connections to the valve tray (IFC wires, pilot connections, AC wiring, etc.).
Make sure all wires are not pinched or come in contact with hot or moving components during reinstallation.



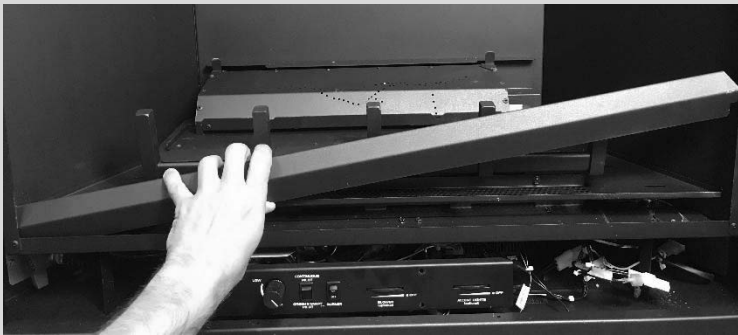
- Carefully lift the valve tray up and remove it from the fireplace (take care not to damage the gasket).
- Follow the installation steps outlined in this instruction sheet
- Return the fireplace to its original configuration after installation.



ProBuilder 36/42 - Installing the Blower from Inside Firebox **(not recommended)**

The fireplace is equip with a removable valve tray assembly that allows for installation and service of the blower after the fireplace has been installed. To access the lower portion of the appliance:

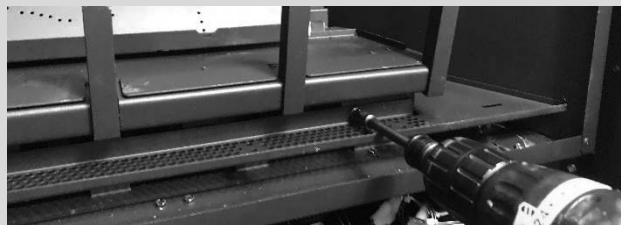
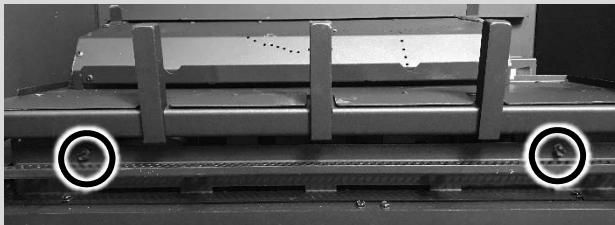
- Turn the gas off to the fireplace.
- Disable AC power to the fireplace (turn off breaker)
- Remove the glass assembly and logs (see manual).
- Remove the burners (see manual).
- Remove the media tray skirt and the (2) triangular media tray covers (34/42 Only) (set aside for reinstallation).



Media Tray Covers
(36/42 ONLY)



- Remove the (2) 1/4" screws that secure the media tray to the grate assembly and remove the media tray.



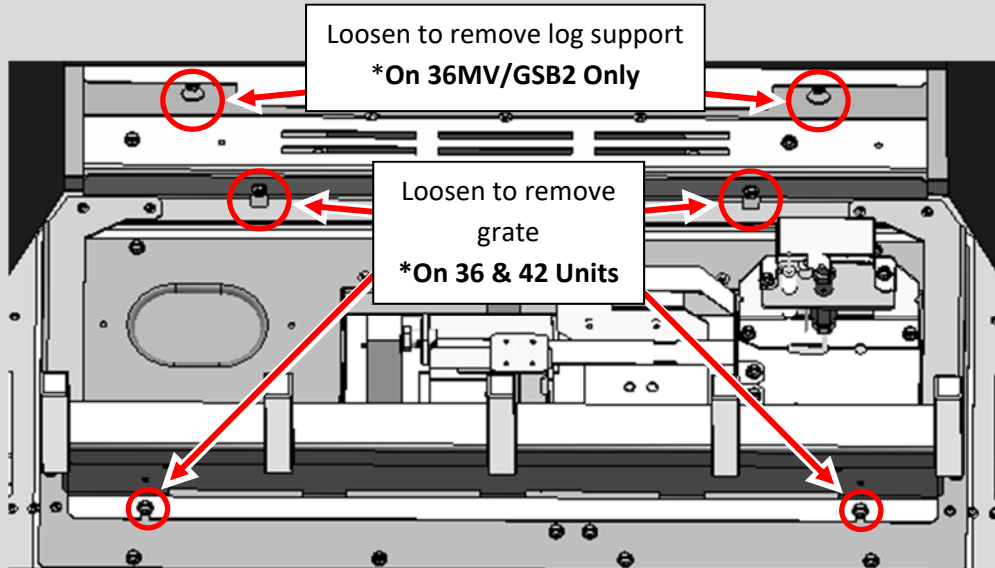
- Remove the (4) 1/4" screws that secure the grate to the firebox (2 on the back of the firebox and 2 to the floor – see below).



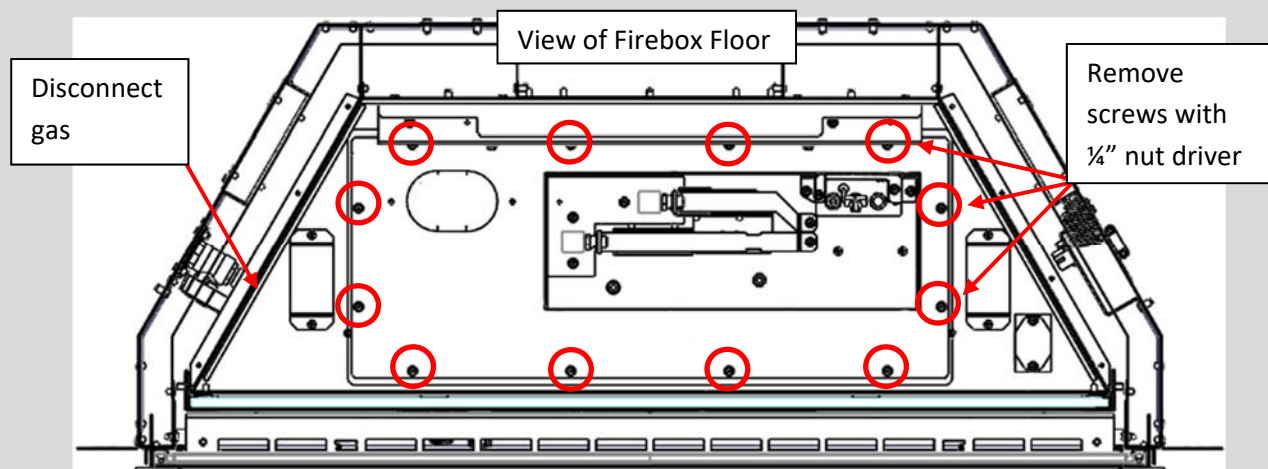
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- Loosen the (2) screws that secure the rear log support to the back wall of the firebox (see below). The support has keyholes so lift the part upward to disengage from the screws and pull forward to remove from the firebox.



- Remove the optional Ember-Glo light bracket (if applicable).
- Use a 1/4" nut driver to remove the (12) screws that secure the valve tray (see below). Do not over-tighten screws when replacing.
- Remove the dashboard to access the area below the burner tray (you may need to remove the extension knobs on MV units as well).
- Disconnect the gas line from the service shutoff valve below the firebox (see below). Leak test all gas lines after installation.
- Disconnect electrical connections to the valve tray (IFC wires, pilot connections, AC wiring, etc.). Make sure all wires are not pinched or come in contact with hot or moving components during reinstallation.



- Carefully lift the valve tray up and remove it from the fireplace (take care not to damage the gasket).
- Follow the installation steps outlined in this instruction sheet
- Return the fireplace to its original configuration after installation.