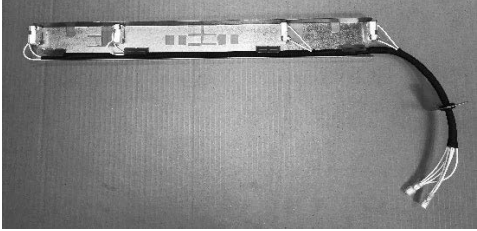

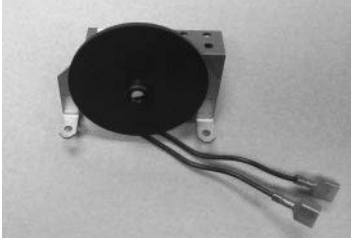


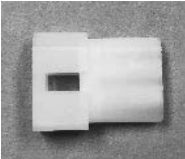

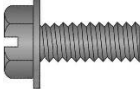




Compatibility

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

Packing List

<ul style="list-style-type: none"> • Light Assembly with Wire Leads & Seal Plate 	<ul style="list-style-type: none"> • Power Harness 
<ul style="list-style-type: none"> • Rheostat Assembly 	<ul style="list-style-type: none"> • (2) 8-32 KEPS nuts (use 11/32" nut driver) 
<ul style="list-style-type: none"> • (4) Halogen Bulbs 	<ul style="list-style-type: none"> • Molex Dummy Plug (used only on MV appliances without a blower) 
<ul style="list-style-type: none"> • Ember Glass 	<ul style="list-style-type: none"> • (2) 8-32 X 3/8" screws 

Tools & Additional Items Required

- 11/32" Nut Driver/Wrench
- 1/4" Nut Driver/Wrench
- Stove Bright Metallic Black touch-up paint



Installation Notes

- If Using the Blower Kit - Install This Ember-Glo kit First
- On MV units the blower kit connects to the “power harness” included in this kit to get AC power.
- On GSB2 units the blower kit connects to a “splitter” that comes preinstalled from the factory.

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

Installation

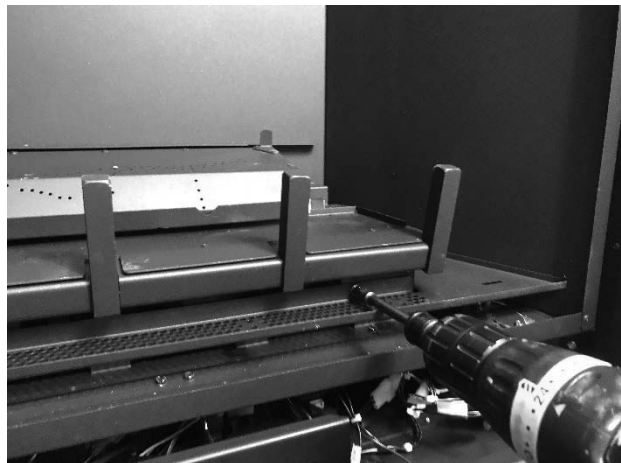
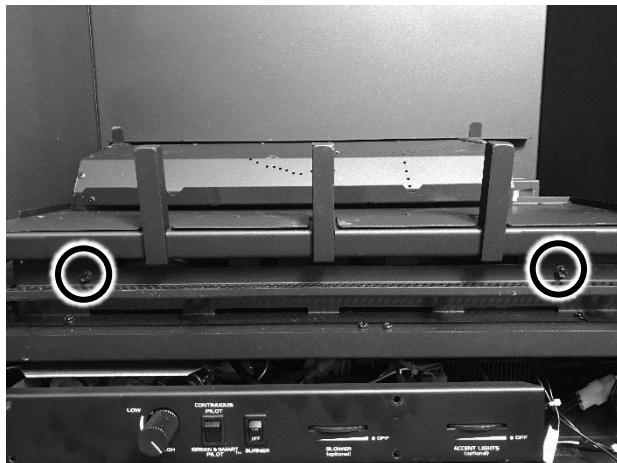
1. Disable power to the fireplace (turn the service breaker off).
2. Remove the screen and glass frame (see manual for details).
3. Carefully remove the logs and embers (if applicable).
4. Remove the media tray skirt and the (2) triangular media tray covers.



Media Tray Covers



5. Remove the media tray. Remove the two screws that secure the media tray to the front of the grate assembly. Remove the tray and keep the screws for reinstallation (see below).

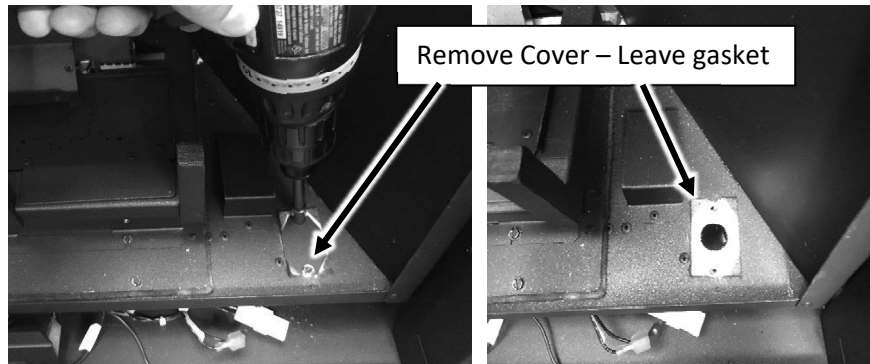




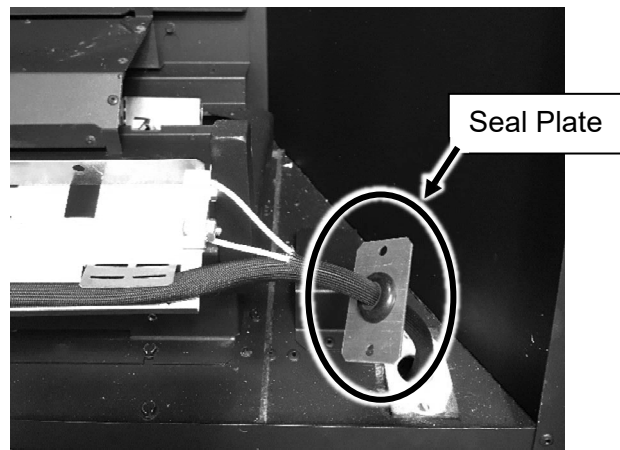
ProBuilder 36/42 Ember-Glo Light Kit (MV / GSB2)

SKU# 94400897

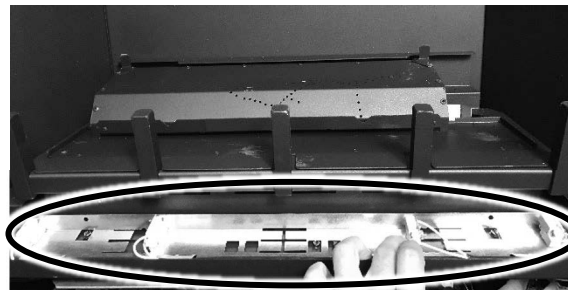
6. Remove the cover plate on the right side of the firebox floor (Discard the cover plate. Keep the screws for reinstallation). Leave the gasket in place.



7. Pass the light assembly wires through the hole (and gasket) uncovered in the previous step. Secure the attached seal plate to the firebox floor using the two screws removed in step 7 (see below). Once installed, remove all excess wiring inside the firebox by pulling the wires from below.



8. Position the light assembly in front of the grate assembly (see photo below).

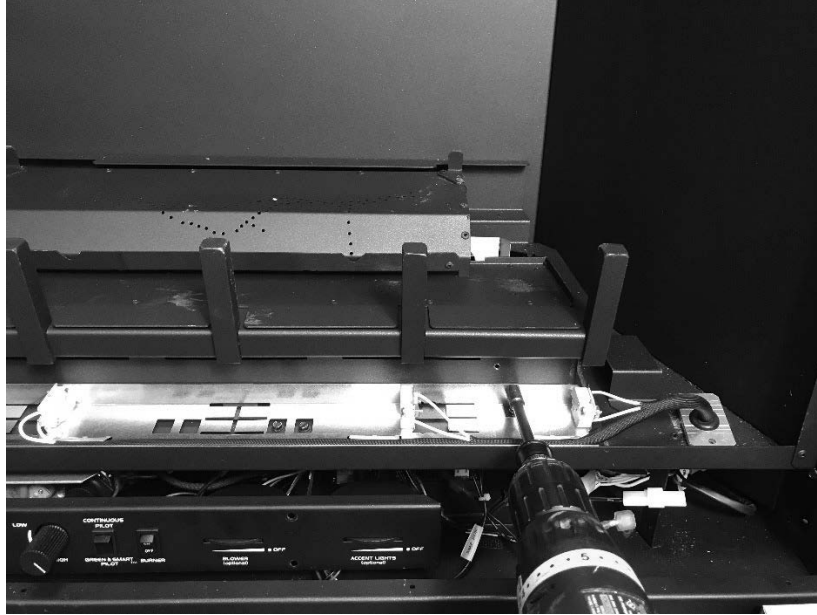




ProBuilder 36/42 Ember-Glo Light Kit (MV / GSB2)

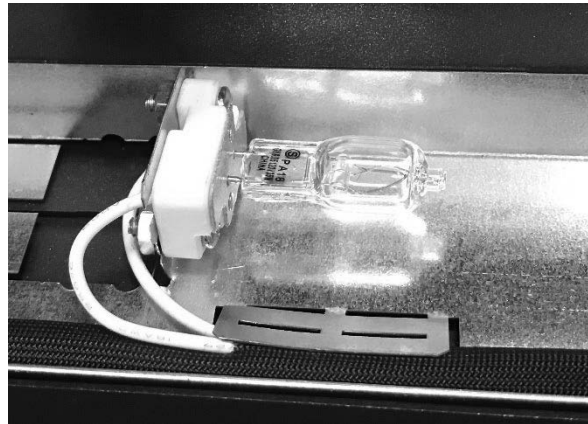
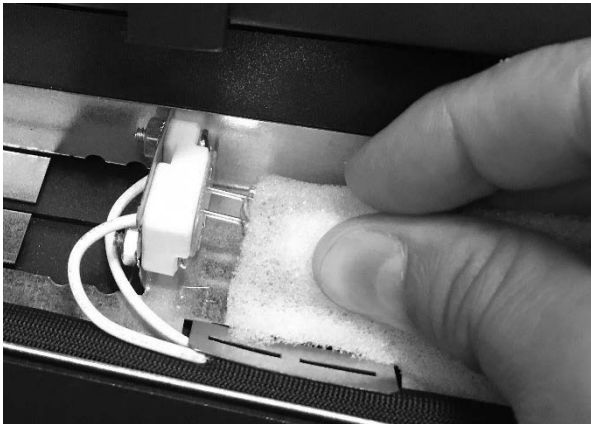
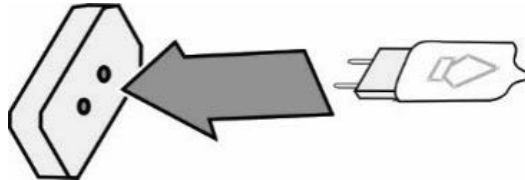
SKU# 94400897

9. Align the (2) holes in the back of the light assembly with the (2) LOWER holes on the front of the grate assembly. Secure the assembly to the burner housing using the included screws.



10. Install the (4) bulbs into the sockets by gently inserting the bulbs pins into the holes on the socket.

NOTE: Take care not to touch the replacement bulbs with your fingers. Residue (oil, etc.) left on the bulb will reduce the bulb's life span. Use foam packing or paper towel to hold the bulb when installing.



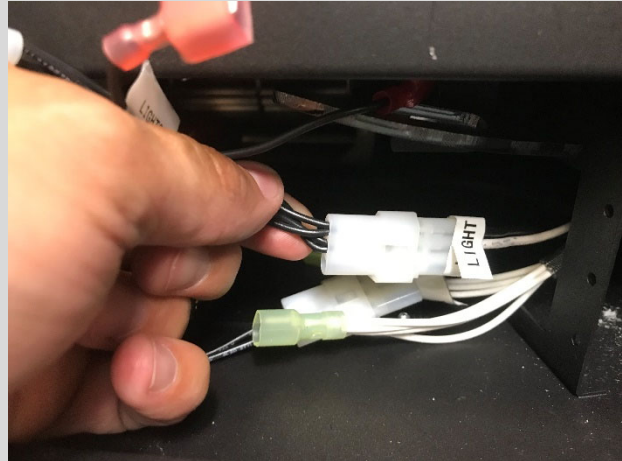


11. Reinstall the media tray and skirt.
12. Connect the light assembly to power (see below)

GSB2 Units

Locate the “Power In” wires connected to the junction box on the right side of the fireplace. The wires are white and have large white Molex connectors at the end. Connect the male Molex connector, on the harness included with this kit, to the Molex connector labeled “Lights”.

NOTE: If a blower kit is not being installed, connect the “dummy plug” included with this kit to the Molex connector on the “power harness” marked “Fan”.

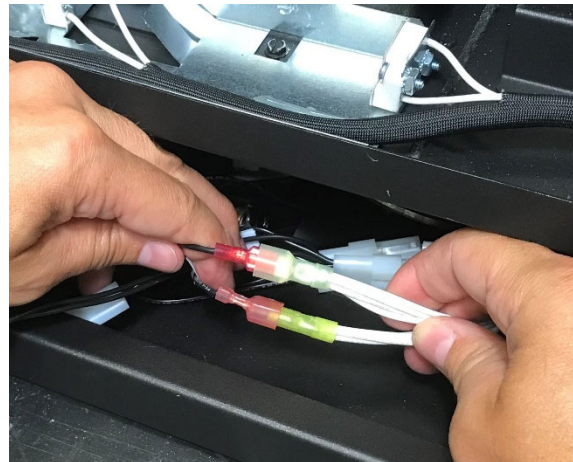
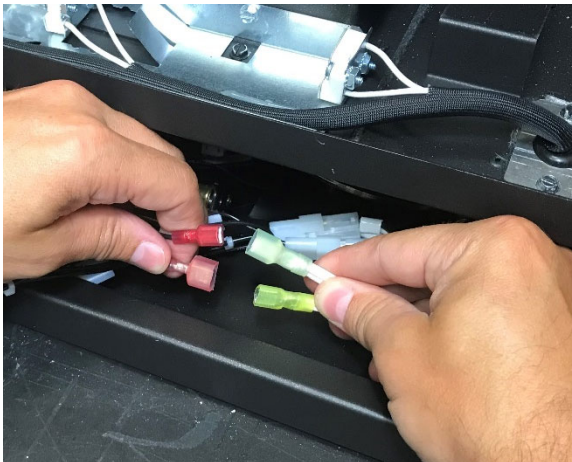


MV Units

For MV units, there is no wireharness pre attached to the junction box of the fireplace. Connect the “power harness” directly to the Molex connector on the junction box. If using a blower kit, the blower will connect to power using the extra molex on the “power harness” from this kit.

NOTE: If a blower kit is not being installed, connect the “dummy plug” included with this kit to the Molex connector on the “power harness” marked “Fan”.

13. Connect the wires from the light assembly to the wires labeled “lights” on the light assembly wire harness.

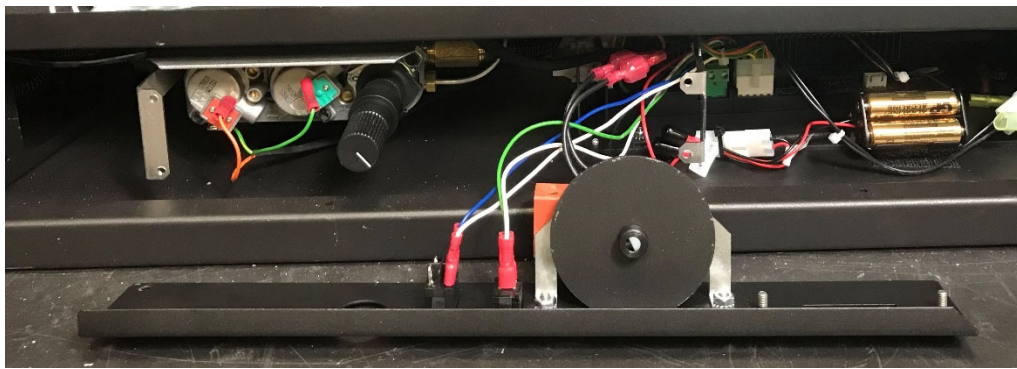
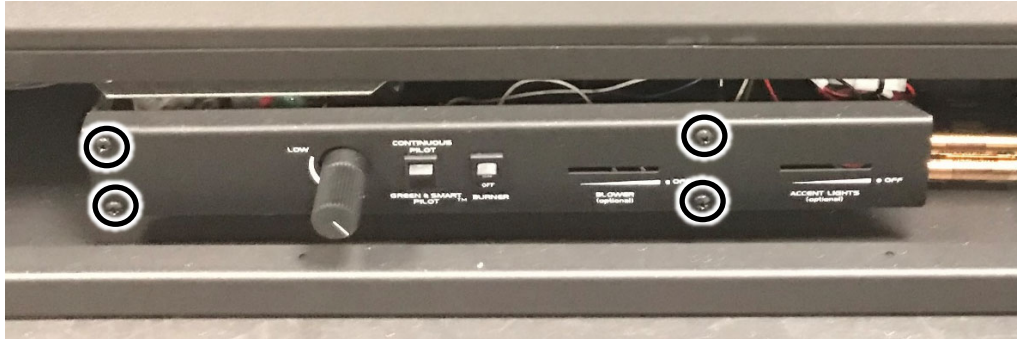




ProBuilder 36/42 Ember-Glo Light Kit (MV / GSB2)

SKU# 94400897

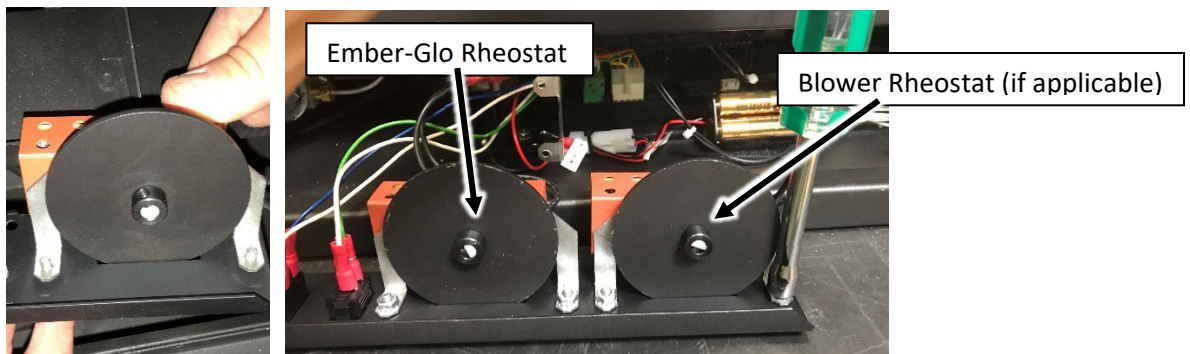
14. Disconnect the dashboard from the fireplace (4 screws hold it in place) and place it face down in front of the fireplace.



NOTE: The rheostat shown in the picture above operates the blower. If a blower is not being installed on your fireplace, the blower rheostat will not be present on the dashboard.

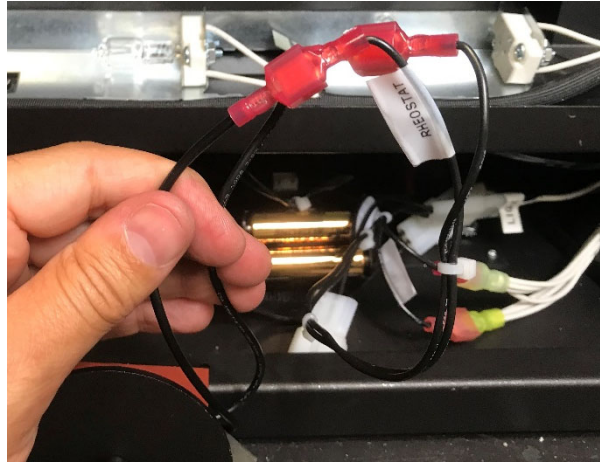
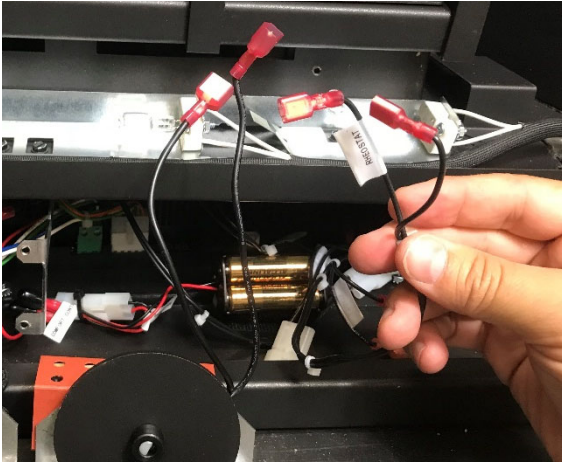
15. Place the rheostat assembly onto the studs on the right side of the dashboard and secure using the 2 nuts included with the kit. Use an 11/32" nut driver to tighten the nuts.

NOTE: The bracket on the rheostat must face upwards so the control wheel fits through the slot on the dashboard (see pictures below).





16. Connect the two wires from the rheostat to the wires labeled "rheostat" on the wire harness (polarity does not matter).



17. Reinstall the dashboard onto the fireplace.
18. Install the logs (see installation manual for details).

Ember Glass Installation

- Make sure the media tray skirt is in place. The skirt hooks over the front of the ember platform and slopes outward toward the glass. The skirt helps keep the glass and ember material from falling off the platform when the glass is removed.
- Locate the perforations in front of the log grate.



- Place a thick layer of the ember glass over the perforations making sure to cover all of the holes completely.





- Lightly fog the ember glass with black touch-up paint. Check the appearance with the lights on and add additional paint, as needed, for a realistic glowing ember appearance.

NOTE: If power is supplied to the fireplace, it can be helpful to turn the lights on while painting so you can determine an appropriate amount of paint for a realistic ember appearance.

NOTE: We recommend that you use a piece of paper, cardboard as a shield to mask the log grate and burner from overspray (see below).



Scan this code with a QR reader on your cell phone to watch a video of the setup.



<http://vimeo.com/289322734>

Ember Material Installation

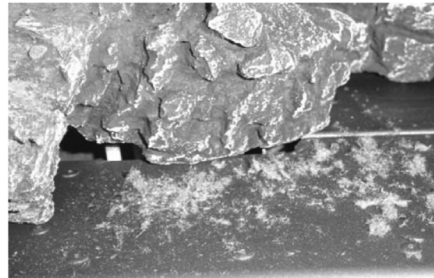
- Once the ember glass installation is complete, place a generous amount of ember material on the firebox floor on either side of the firebox. Completely cover any visible metal on the firebox floor.

NOTE: Make sure no ember material is placed directly on the burner. Apply rockwool as needed for realistic ember appearance.

HINT: Add a few randomly placed ember chunks over the ember bed glass to produce a more realistic appearance.

Rock Wool Placement

The included rock wool is placed on top of the burner to enhance the glow from the burner. **The rock wool works best when it is applied in a very thin layer.** The best method for applying the rock wool is to brush it on to the burner. Compress a clump of rockwool between your thumb and forefinger. Use a stiff brush to apply a thin layer of rockwool fibers onto the burner. Do not use the entire bag of rockwool. Use only a small amount and save the remainder. Over-use of rockwool will diminish the glow and may cause sooting or other adverse conditions.





Bulb Replacement

- Remove the screen and glass assemblies (see appliance manual for details).
- Remove the media tray skirt (see step 4).

NOTE: Take care not to disturb the ember bed media on the media tray when removing and replacing the media tray skirt.

- The bulbs are now visible. Grasp the bulb with your thumb and forefinger and gently pull the bulb straight out of the socket.
- Install the replacement bulbs into the sockets by gently inserting the bulb pins into the holes on the socket.

NOTE: Take care not to touch the replacement bulbs with your fingers. Residue (oil, etc.) left on the bulb will reduce the bulb's life span. Use foam packing or paper towel to hold the bulb when installing.

