

# Showroom Conversion Kit

## Models: SLR-B, RAVE4013I Installation Instructions



Leave this manual with party responsible for use and operation.

**CAUTION! Risk of Cuts, Abrasions or Flying Debris.**  
Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.

**WARNING! Risk of Fire, Explosion or Asphyxiation!**  
This upgrade **MUST** be performed by a qualified service technician trained in the installation of this upgrade kit.

**CAUTION! Do not install damaged components.**

This kit will upgrade your SLR-B or RAVE4013I fireplace into a newer SLR-C or RAVE4013I-C fireplace with media. A gas conversion kit will be needed if using on gas types other than natural gas.

### KIT CONTENTS:

- Burner Assembly (1)
- Base Pan Assembly (1)
- Gasket (1)
- Flex Ball Shutoff (1)
- Media Placement Instructions (1) (Media not included)
- Valve Assembly
- Glass Baffle
- Sheet Metal Screws (21)

Verify and remove contents from packaging before beginning the upgrade process.

### Remove SLR-B/RAVE4013I Parts:

1. Remove the front and glass from the appliance. See appliance installation manual for glass removal instructions.
2. Remove the glass baffle attached to the heat shield at the top of the firebox. Discard this baffle. See Figure 1.



Figure 1. Remove Glass Baffle

3. Remove the optional porcelain refractory panels if present.
4. Remove the media from the base pan. Save the media. See Figure 2.



Figure 2. Remove Media from Base Pan

5. Remove the three sheet metal screws that fasten the media tray to the base pan. Discard the media tray. See Figure 3.



Figure 3. Remove Media Tray

6. Remove the sheet metal screw from the pilot cover. Discard the pilot cover. See Figure 4.



Figure 4. Remove Pilot Cover

7. Remove the three sheet metal screws from the burner. Remove and discard the burner. See Figure 5.



**Figure 5. Remove Burner**

8. Lift the base pan from the bottom of the appliance. Discard the base pan. See Figure 6.



**Figure 6. Remove Base Pan**

9. Remove the 11 sheet metal screws from the valve plate. Lift valve plate out of the firebox and place it on the front edge of the firebox. See Figure 7.



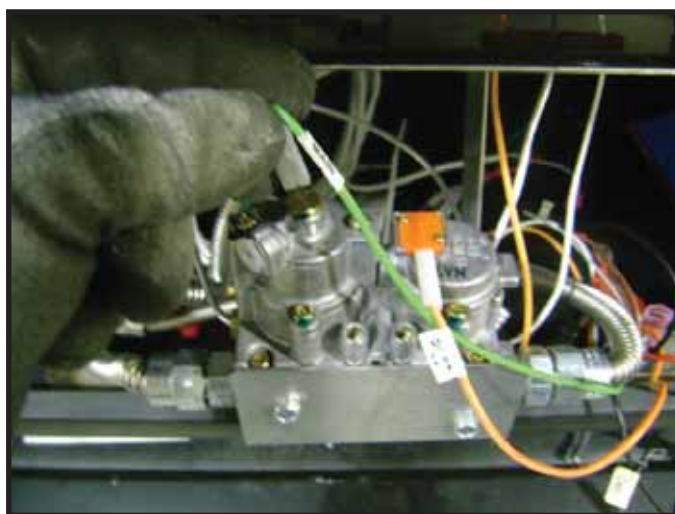
**Figure 7. Remove Valve Plate**

10. Disconnect the orange and white pilot wires from the module. See Figure 8.



**Figure 8. Disconnect Orange and White Pilot Wires**

11. Disconnect the orange pilot and the green main wires from the valve. Remove the sheet metal screw for the ground wire. See Figure 9.



**Figure 9. Disconnect Valve Wires and Ground Wire**

12. Shut off the gas. Disconnect flex line from the fitting secured to the right side of the valve body.



**Figure 10. Disconnect Flex Line on Right Side of Valve**



13. Remove valve plate assembly from the firebox. Discard.



Figure 11. Remove Valve Plate Assembly

14. Remove the old gasket from the firebox bottom. Discard gasket. See Figure 12.



Figure 12. Remove Gasket

### Install SLR-C/RAVE4013-C Parts:

1. Place the new valve plate gasket into the bottom of the firebox. See Figure 13.



Figure 13. Valve Plate Gasket

2. Place the new valve plate assembly in the appliance, resting it on the front edge of the firebox.
3. Connect the gas flex line to the fitting secured to the right side of the valve body.

Note: A 24 inch gas flex line is provided with the kit. It can be used if previous SLR-B installation does not provide enough flex line for reconnection. Only use one gas flex line during installation of showroom upgrade. See Figure 14.

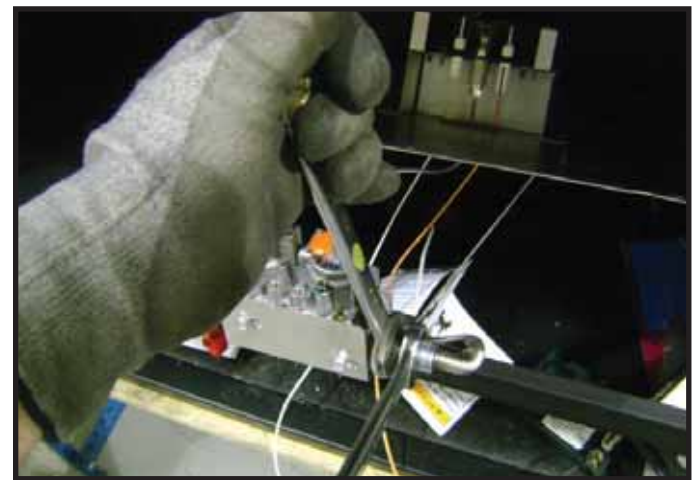


Figure 14. Connect Gas Flex Line

4. Attach the orange and white pilot wires to the module. See Figure 15.

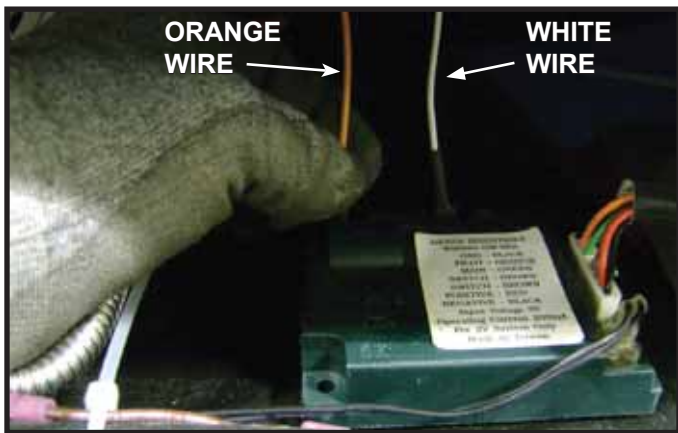


Figure 15. Connect Orange and White Pilot Wires

5. Attach the orange pilot and the green main wires to the valve. See Figure 16.

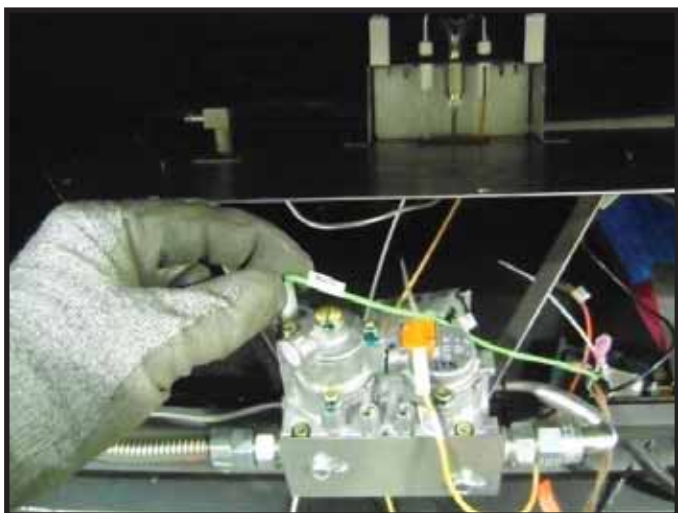


Figure 16. Connect Valve Wires

6. Attach the black ground wire to the valve bracket leg. See Figure 17.



Figure 17. Attach Black Ground Wire

7. Place the valve plate in the firebox carefully. Do not allow any wires to be pinched between the valve plate and the firebox or to be pinched between the valve bracket and outer fireplace bottom. Attach the valve plate with 11 sheet metal screws. See Figure 18.

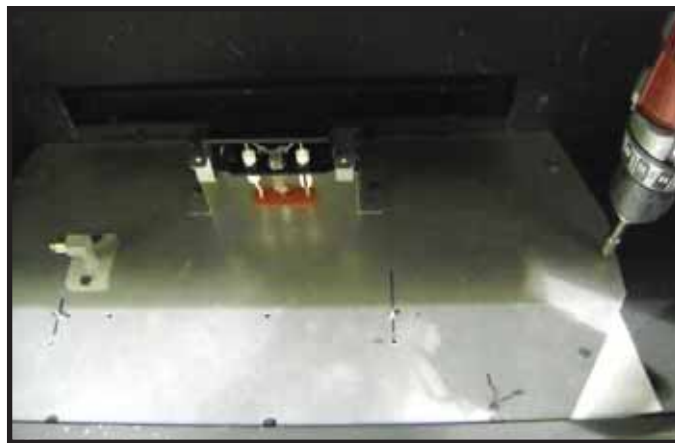


Figure 18. Attach Valve Plate

8. The air shutter is set at the factory for minimum vertical vent run. Adjust air shutter for longer vertical runs. See Figure 19.

- Loosen the 1/4 in. screw.
- Twist shutter to adjust
- Shutter may be open for longer horizontal vent runs.
- Do not close the air shutter more than the settings specified below.
- Tighten the screw.

**NOTICE:** If the flames appear to be orange, open the air shutter to prevent residue buildup on the glass.



Figure 19. Air Shutter

#### Air Shutter Settings

	NG	LP
SLR/RAVE4013I-C	3/16 in.	9/16 in.

9. Install the new burner by engaging the burner tube on the orifice. Fasten the burner to the pilot bracket with two sheet metal screws. See Figure 20.
10. Restore gas supply to appliance. Turn appliance "ON". Use a commercially available, noncorrosive leak check solution to check for leaks around the fittings on the right side of the valve. Be sure to rinse off all leak check solution following testing and prior to placing the appliance into operation. Turn the fireplace "OFF" to extinguish pilot and main burner flame. Shut off gas supply to appliance.



**Figure 20. Install SLR-C/RAVE4013I-C Burner**

11. Install the new base pan over the burner. Screw the base pan to the burner with six sheet metal screws. See Figure 21.



**Figure 21. Install SLR-C/RAVE4013I-C Base Pan**

12. Install optional glass panel kit if applicable. Follow instructions included with kit.
13. Install the glass baffle provided in the kit.



**Figure 22. Install SLR-C/RAVE4013I-C Glass Baffle**

14. Place media on base pan. Follow instructions included in this kit.
15. Replace the glass assembly and the decorative front.

Please contact your Hearth & Home Technologies dealer with any questions or concerns.

For the location of your nearest Hearth & Home Technologies dealer, please visit [www.hearthnhome.com](http://www.hearthnhome.com).

Hearth & Home Technologies  
7571 215th Street West, Lakeville, MN 55044  
[www.hearthnhome.com](http://www.hearthnhome.com)