

**BRICK-6K/8K-TG/CU/SJ**  
**BRICK-36M/42M-WB/SG**  
**BRICK36MCS/42MCS/TB/TBH**  
*- Refractory Installation Instructions -*

**Models: 6K/8K, CAL36/CAL42, MER36/MER42**



Leave this manual with party responsible for use and operation.

**CAUTION! Risk of Cuts or Abrasions.** Wear protective gloves and safety glasses during installation.

**NOTICE: Handle refractory panels with care. Refractory may chip or crack if dropped or impacted.**

**KIT COMPONENTS (Shown in Figure 1)**

- (1) Left Refractory
- (1) Right Refractory
- (1) Back Refractory
- (1) Front Base Refractory
- (2) Rear Base Refractory

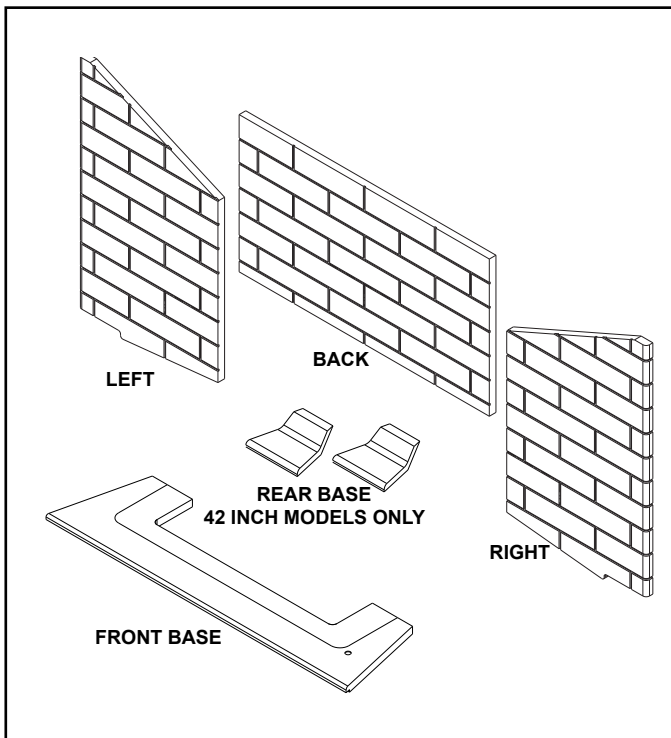


Figure 1 Refractory Kit Components

**INSTALLATION**

1. Remove kit contents from package.
2. Locate base refractory. Note that the length of the base refractory included in this kit is shorter than the base refractory shipped with the appliance.
3. Install base into firebox. Base refractory will fit around burner as shown in Figure 2. There will be a gap between the side of the firebox and the base refractory as noted in Figure 2 and Figure 3. The gap allows for proper fit of the side refractory. The front edge of the refractory is positioned flush with the firebox return bend as indicated in Figure 5.
4. Locate the back refractory panel and turn it so the grout lines will align with the grout lines on the side panels when installed. Install the back refractory panel as shown in Figure 4. Carefully place it on the back air passage return bend behind the log stop.



Figure 2 Base Refractory Installed

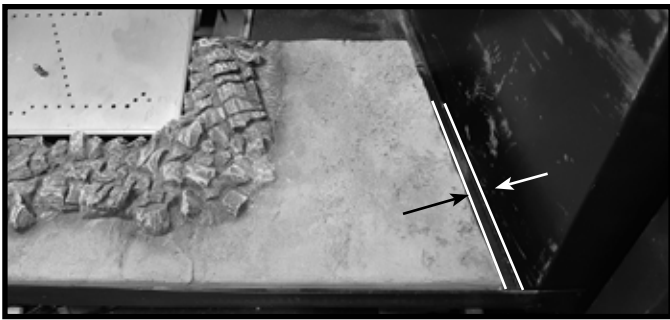


Figure 3 Side Gap

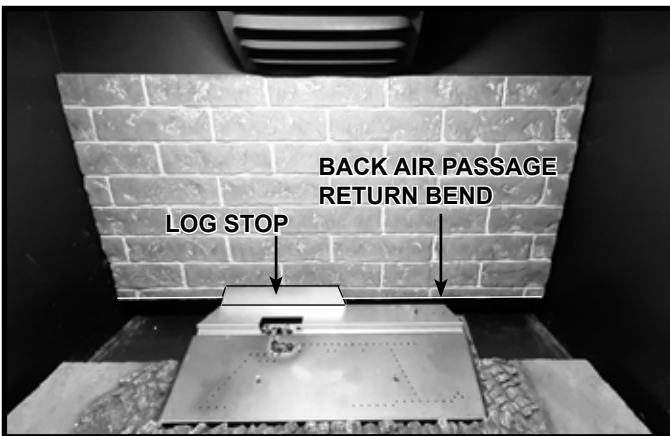


Figure 4 Back Refractory Panel Installed

5. It is necessary to hold the back refractory panel with one hand while installing the side refractory panel. Photos show the right side being installed first.
6. Locate the notch on the side refractory panel, highlighted in Figure 5.
7. Tilt the side refractory panel backward and insert it in the gap as shown in Figure 5. Level the side refractory panel and gently push it toward the back of the firebox until it meets the back refractory panel, holding it in place. See Figure 6. Figure 7 shows the side refractory panel installed.
8. Repeat steps 6-7 for the other side refractory panel.

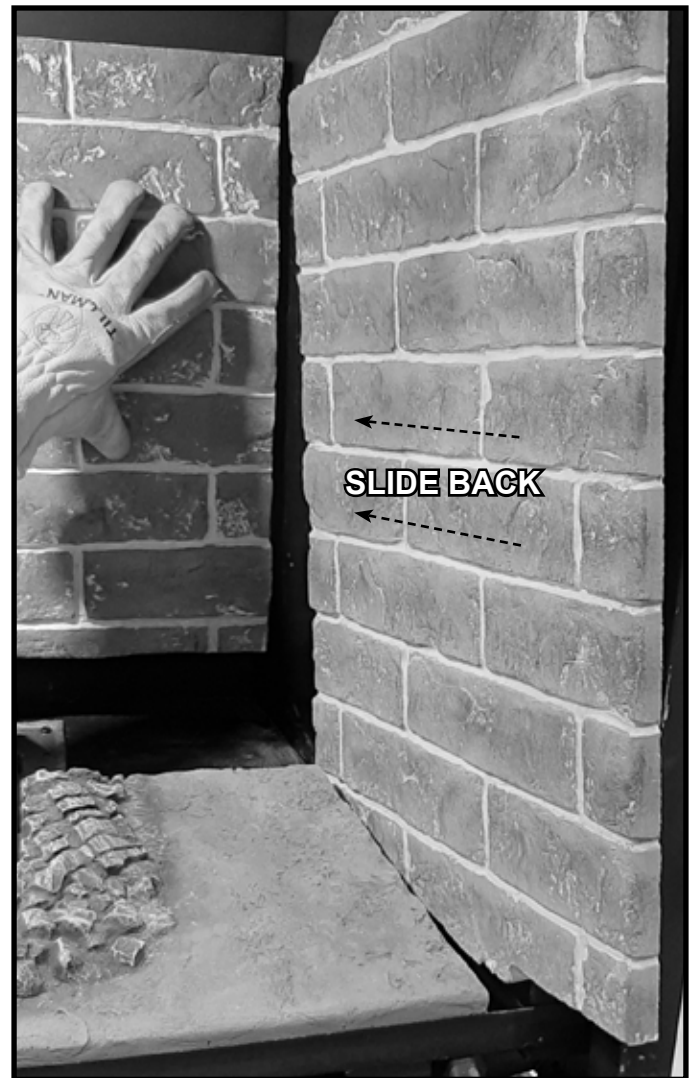


Figure 6 Install Side Refractory Panel

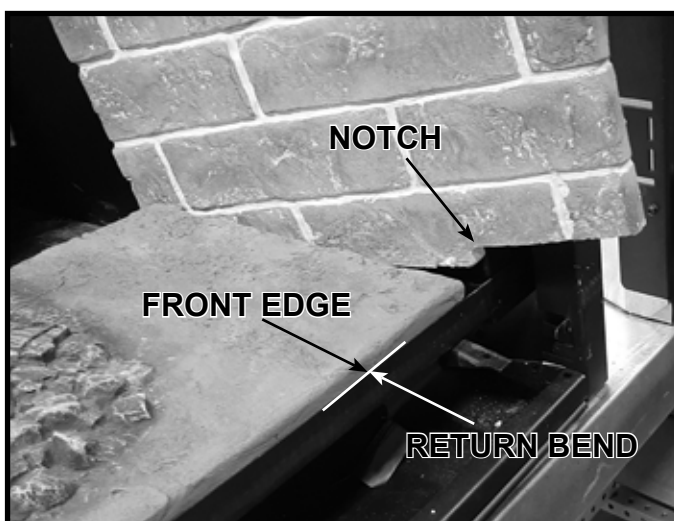


Figure 5 Install Side Refractory Panel



Figure 7 Side Refractory Panel Installed

9. **42 Inch Models Only:** Place the rear base refractory pieces on the left and right sides in the rear of the firebox. Push back and toward the side of the firebox as shown in Figure 8. The base refractory piece should contact the side refractory panel and part of the piece will slide under the back refractory panel. Figure 9 shows the completed refractory installation.



**Figure 8 Rear Base Refractory Installed (Right Side Shown)  
42 Inch Models Only**



**Figure 9 Refractory Kit Installed**