

GLMQ36, GLMQ42

Models: MARQ36IN, MARQ42IN, MARQ36IN-B, MARQ42IN-B

Glass Refractory Installation Instructions -



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.

SPECIAL TOOLS

Screw gun equipped with 1/4 in. socket
1/4 in. wrench or socket
Phillips screwdriver bit for screw gun

REFRACTORY KIT COMPONENTS

- (1) Left Glass Refractory Panel
- (1) Right Glass Refractory Panel
- (1) Rear Glass Refractory Panel
- (2) Side White Refractory Spacers
- (1) Rear White Refractory Spacer
- (2) Edge Brackets
- (1) Rear Light Cover

COMPONENTS SOLD SEPARATELY

- (1) Right Base Refractory
- (1) Left Rear Base Refractory
- (1) Left Front Base Refractory
- (1) Center Base Refractory
- (1) Top Refractory

NOTE: The pictures show the MARQ36IN, MARQ42IN base refractory being installed. The same instructional steps apply to MARQ36IN-B, MARQ42IN-B.

INSTALLATION

1. Examine the firebox and clear any debris from the base and corners. Remaining debris may prevent correct fit up of refractory. See Figure 1.

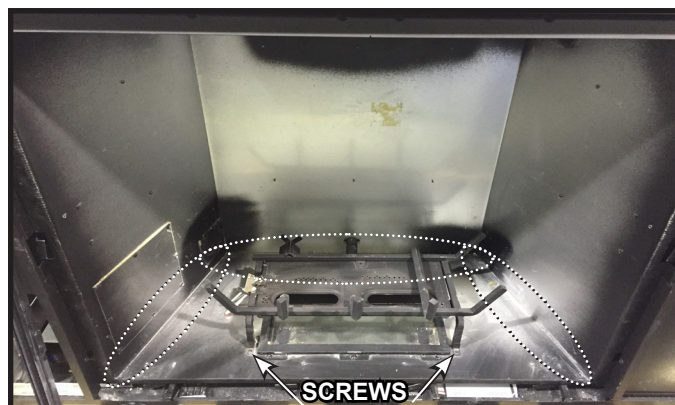


Figure 1 Firebox

2. Remove the grate / burner assembly by removing the screws that fasten the grate to the bottom of the firebox. See Figure 1. Pull the grate / burner assembly towards you so that it disengages from the orifice on the back wall and place the entire grate / burner assembly in a safe place.
3. Locate the rear light cover. See Figure 2.



Figure 2 Rear Light Cover

- To begin the install of the rear light cover, first remove the back center screw that fastens the inner glass assembly down to the bottom of the firebox. Retain this screw as you will need to refasten it in later step. Lay the rear light cover down on the inner glass assembly but underneath the light cover. See Figure 3.



Figure 3 Installing Rear Light Cover

- The rear light cover should slide between the inner glass assembly and the light cover so that the clearance hole of the rear light cover lines up with the hole of the inner glass assembly where you removed the screw back in Step 4. You may want to lift up on the light cover so that the rear light cover can fully slide into position underneath it.
- Refasten the screw that you had saved before from the inner glass assembly. This screw will hold down the rear light cover and the inner glass assembly down to the firebox bottom. See Figure 4.



Figure 4 Re-install Back Center Screw

- Locate the grate / burner assembly that had been set aside and re-engage the burner on orifice on the back wall of the firebox. Fasten the front grate legs down to the firebox bottom using the existing holes and screws you retained from Step 2.

- Place rear white refractory spacer with the arch down as shown in Figure 5. The holes in the spacer should align with the screws in the firebox when installed correctly.

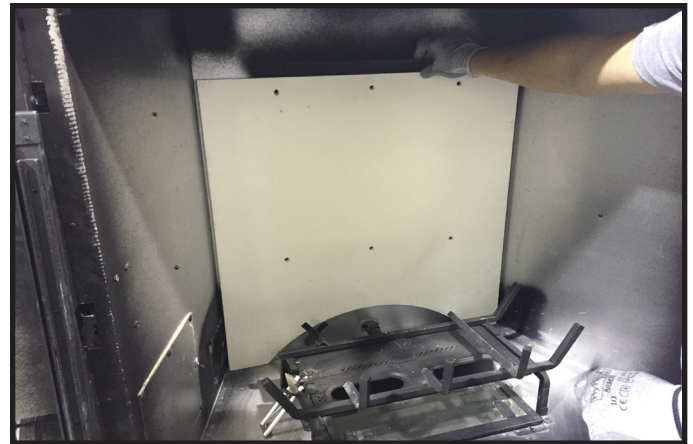


Figure 5 Rear Spacer

- Ensuring that the rear spacer is properly in place and tight to the rear wall, install the rear glass panel with arch down as shown in Figure 6.



Figure 6 Rear Glass Panel

10. Place one of the white side spacers on the right side of the firebox and slide into place as shown in Figure 7. Spacer will be flush with firebox lip when installed properly.



Figure 7 Right Spacer

11. Install the other white side spacer on the left side of firebox as shown in Figure 8. Confirm that it is flush with the firebox lip and installed properly.

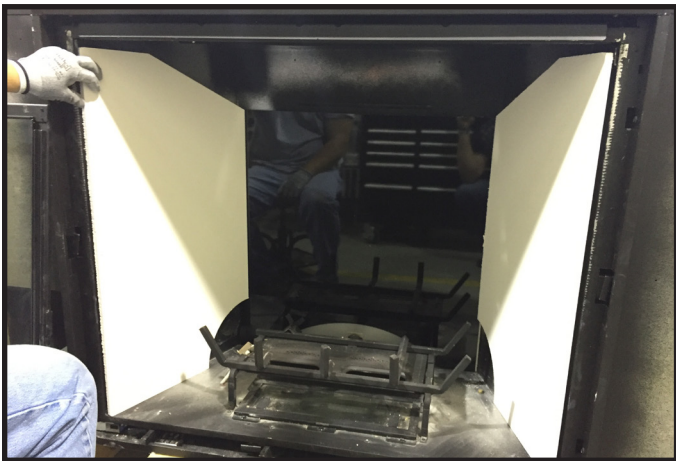


Figure 8 Left Spacer

12. Install the right glass panel as shown in Figure 9. Leave a 2-3" gap at the back to ease installation of the top refractory panel.



Figure 9 Right Glass Panel

13. Install the left glass panel as shown in Figure 10. Leave a 2-3" gap at the back to ease installation of the top refractory panel.

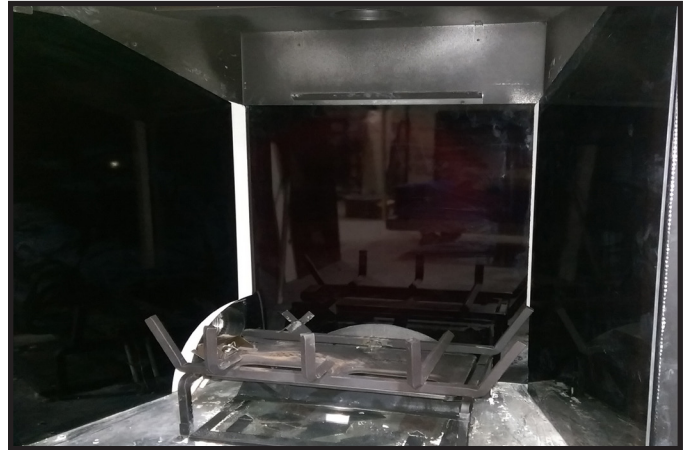


Figure 10 Left Glass Panel

14. With both side glass panels still slid out slightly, install top refractory as shown in Figure 11. The lip of the top panel will sit on the spacers as shown.

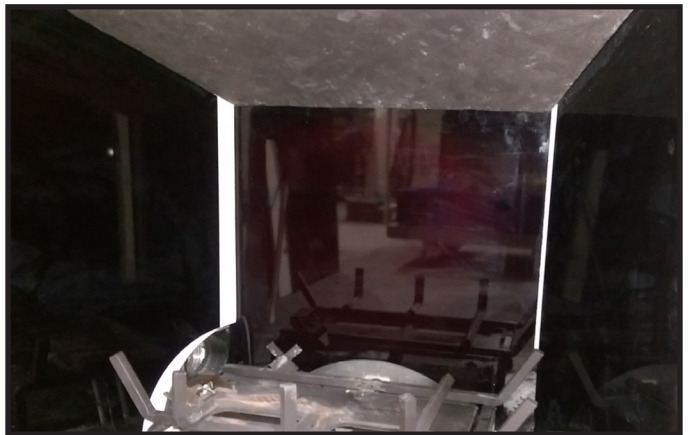


Figure 11 Top Refractory



Figure 12 Glass Panels Fully Installed

15. Slide side glass panels tight to the rear panel and top refractory. The edge of the glass panels need to be flush with the edge of the firebox as shown in Figure 17.

16. Install the right base refractory by setting the left edge on the firebox bottom, pulling tight to the grate and dropping the right side down, ensuring that the front lip of the part is flush with the firebox edge. See Figure 13 and 17.



Figure 13 Right Base Refractory

17. Place the left rear base refractory as shown in Figure 14. Place the right edge of the part on the firebox bottom, pulling it tight to the grate leg. Match the cut-out with the grate leg and drop the left side of the part into place.



Figure 14 Left Rear Base Refractory

18. Install the left front base refractory as shown in Figure 15, ensuring that the front lip is flush with the firebox. See Figure 17.

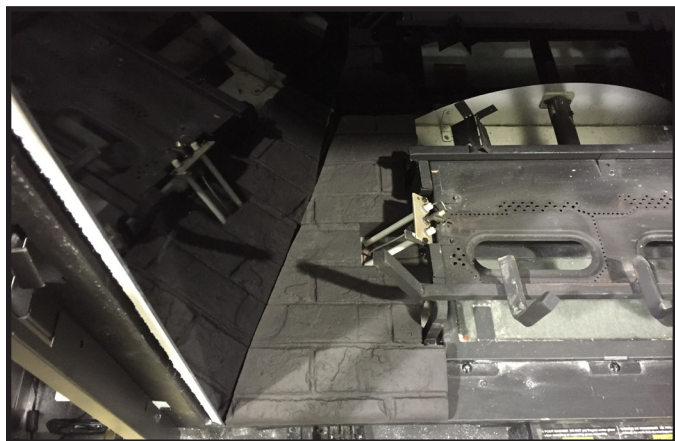


Figure 15 Left Front Base Refractory

19. Figure 16 shows the outer base refractory parts properly installed flush with firebox edge and tight to glass panels.

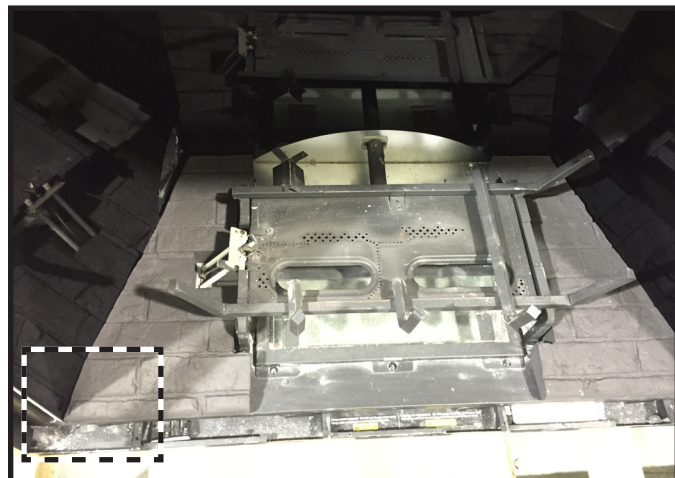


Figure 16 Outer Base Refractory

20. Install the center base refractory with seams aligned as shown in Figure 17. Be sure that the refractory is flush with the firebox lip.

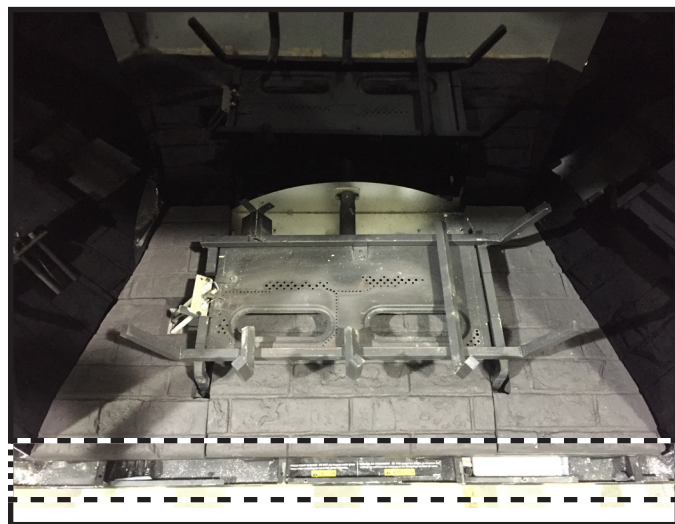


Figure 17. Refractory Set Installed

* Dotted boxes on Figures 13, 16 and 18 show the correct placement of refractory. Refractory parts must be flush with bases, spacers and panels.

21. Install the edge bracket as shown in Figure 18. Slide the tab of the bracket behind the refractory tab.



Figure 18 Bracket Tab



Figure 19 Bracket Installed

22. Repeat process for the left side. Properly installed brackets will appear as shown in Figure 19.

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