





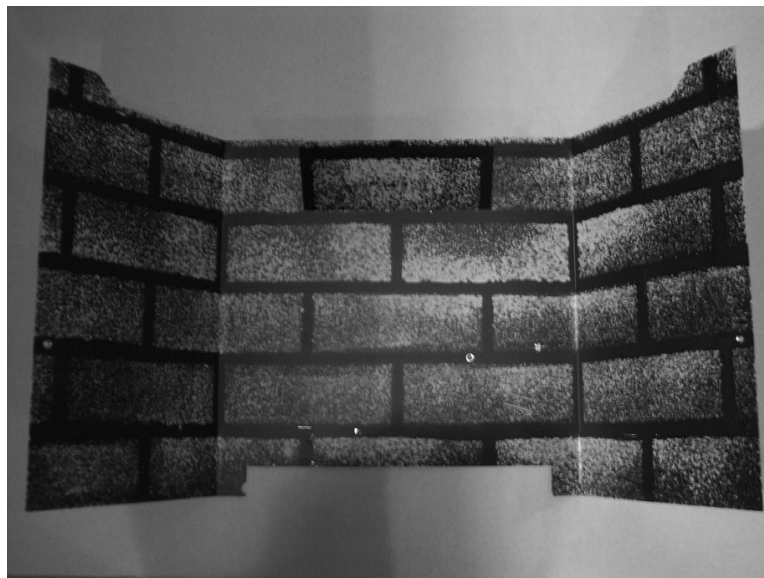
**Models:**  
**MTB28**  
**Refractory**

This refractory kit is intended for use with the AVEO Series gas appliances. Check with your local building code agency before you begin installation to ensure compliance with local codes, including the need for permits and follow-up inspections. If you encounter any problems regarding code approvals, or if you need clarification of any of the instructions contained here, contact your Hearth & Home Technologies Inc. dealer. For the dealer nearest you, please visit [www.heatilator.com](http://www.heatilator.com).

**Note:** An arrow (➡) found in the text signifies change in content.

	<b>CAUTION</b>	
<b>Sharp Edges</b>		
<ul style="list-style-type: none"><li>• Wear protective gloves and safety glasses during installation.</li></ul>		

	 <b>WARNING</b>
<b>Hot Surfaces</b>	
<ul style="list-style-type: none"><li>• Install this refractory only after the appliance has cooled and the gas and electricity have been shut off.</li></ul>	



# 1 Preparation

## Required Tools

Phillips screwdriver  
Safety Gloves

### A. Turn off the Gas and Electrical Power

- To turn off the gas, locate the manual shutoff valve in the control area in the bottom of the appliance. Turn the manual shutoff valve so it is perpendicular to the gas line (Figure 3.1).

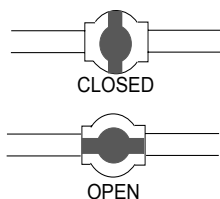


Figure 3.1 Manual Shutoff Valve

- If electricity has been brought to the appliance, shut off all power by turning off the appropriate circuit breaker or removing the fuse in the electrical panel. Remove D-cell batteries from the battery pack.

### B. Remove Screen & Glass from Appliance

- See appliance owner's manual.

### C. Remove Front Log

- Remove the left screw holding the front log (Figure 1.2).
- Remove the right screw located behind the right side of the log (Figure 1.3).
- Remove Log

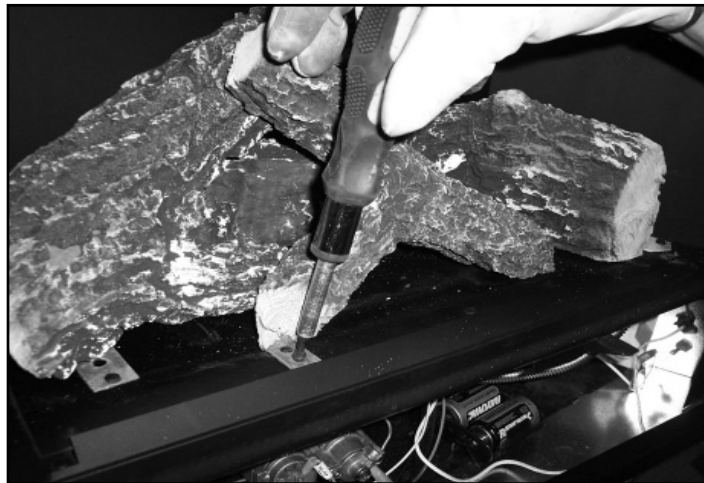


Figure 1.2 Remove Left Screw-Front Log

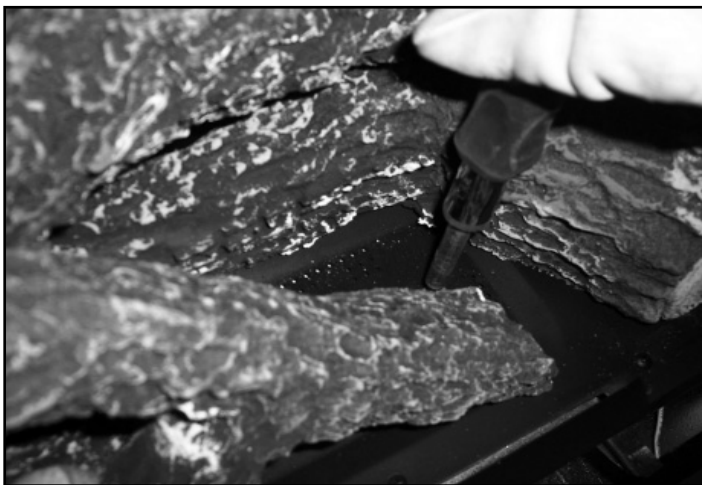


Figure 1.3 Remove Right Screw-Front Log

#### D. Remove Left Log

- Remove the screw attaching the log to the fireplace. This screw is located on the left side of the log (Figure 1.4).
- Rotate the left side of the log forward and slide the log bracket out of the slot in the false back (Figure 1.5).

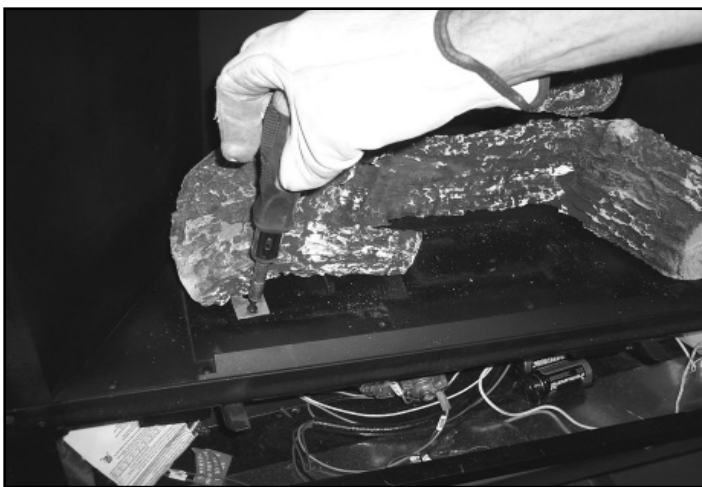


Figure 1.4 Remove Screw-Left Log



Figure 1.5 Rotate and Remove Left Log

#### E. Remove Right Log

- Remove the two screws holding the right log (Figures 1.6 and 1.7).
- Remove the log.



Figure 1.6 Remove Left Screw-Right Log



Figure 1.7 Remove Right Screw-Right Log

#### F. Remove Pilot Shield

- Remove the two screws holding the pilot shield and remove the shield (Figure 1.8).



Figure 1.8 Remove Pilot Shield

## G. Remove Glass Heat Shield

See Figure 1.9.



Figure 1.9 Remove Glass Heat Shield

## 2 Install Refractory

The refractory will look as shown in Figure 2.1.

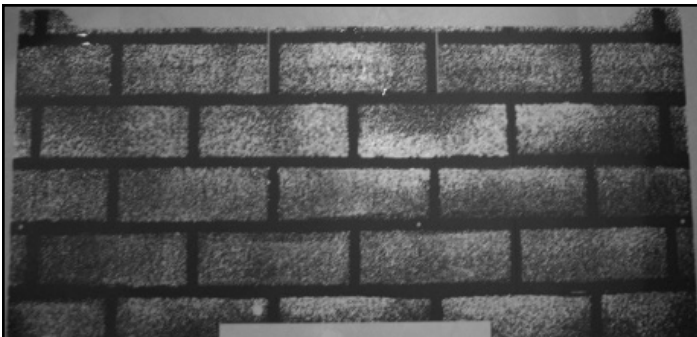


Figure 2.1 Refractory

- Fold the right side of the refractory as shown in Figure 2.2.



Figure 2.2 Fold Right Side

- Fold the left side of the refractory as shown in Figure 2.3.



Figure 2.3 Fold Left Side

- **For Rear Vent Appliances Only:** Fold the flue visor cover forward as shown in Figure 2.4. If installing in a top vent unit **DO NOT** fold the cover forward.
- Attach the three screws that hold the refractory. See Figures 2.6, 2.7 and 2.8.



Figure 2.4 REAR VENT ONLY - Fold Flue Visor Cover



Figure 2.6 Install Screws

- Install the refractory in the appliance as shown in Figure 2.5.



Figure 2.5 Install Refractory in Appliance



Figure 2.7 Install Screws



Figure 2.8 Install Screws

# 3 Reassemble the Appliance

## A. Replace Pilot Shield

- Replace the pilot shield and fasten in place with two screws (Figure 3.1).



Figure 3.1 Replace Pilot Shield

## ➔ B. Replace Glass Heat Shield

- See Figure 1.9.

## C. Replace Right Log

- Place the right log.
- Fasten with two screws (Figures 3.2 and 3.3).

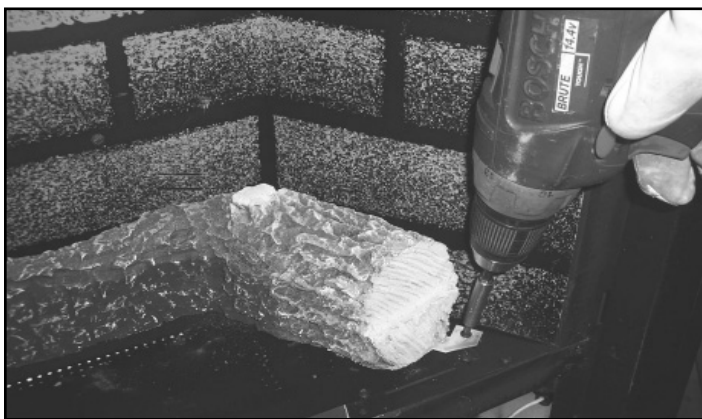


Figure 3.2 Replace Right Screw-Right Log

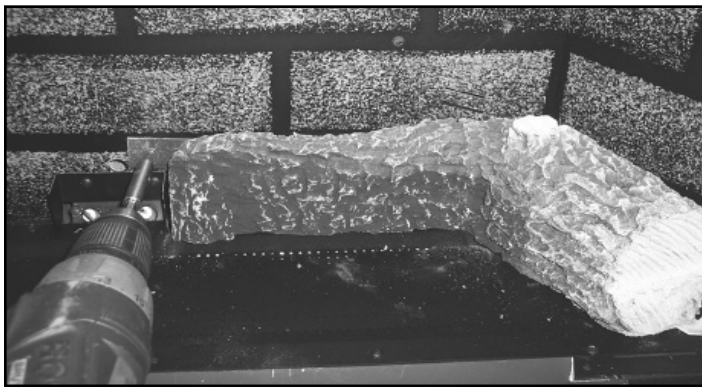


Figure 3.3 Replace Left Screw-Right Log

## D. Replace Left Log

- Place the log bracket into the slot in the false back (Figure 3.4) and rotate the log back into position.
- Reattach with one screw on the left side of the log (Figure 3.5).



Figure 3.4 Replace Left Log

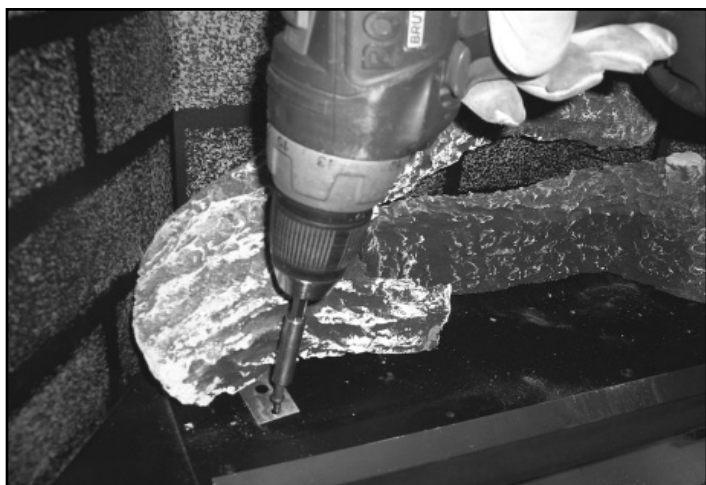


Figure 3.5 Replace Screw-Left Log



## E. Replace Front Log

- Place log into position.
- Replace the right screw located behind the right side of the log (Figure 3.6).
- Replace the left screw (Figure 3.7).



Figure 3.6 Replace Right Screw-Front Log

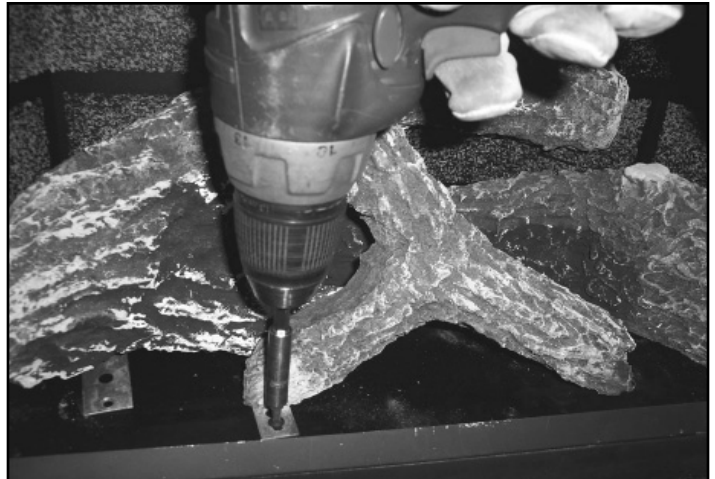


Figure 3.7 Replace Left Screw-Front Log

## F. Replace Screen & Glass in Appliance

- See appliance owner's manual.

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