

Siebring Heatmaster Furnace Cleaning

Gain access to heat exchanger chamber

1. Open flame inspection door (see figure 1).
2. Open clean-out access panel and remove clean-out plug (see figure 2 & 3). Plug removal tool can be made from scrap 1½” square tubing (see figure 4).

Note: On Heatmasters built on or before July 2006, removable access doors were not installed during furnace construction, access for cleaning the burn chamber and exchanger tubes must be accomplished through the flame inspection door and the clean-out ports.

3. Remove shell access door (see figure 5).
4. Remove the exchanger access door by removing the brass hex nuts and metal clamps from the exchanger frame (see figure 6).



CAUTION: Be careful not to disturb the refractor material. The material becomes brittle in time and may crumble or crack if bumped by tools during cleaning or servicing.



Figure 3



Figure 4



Figure 5

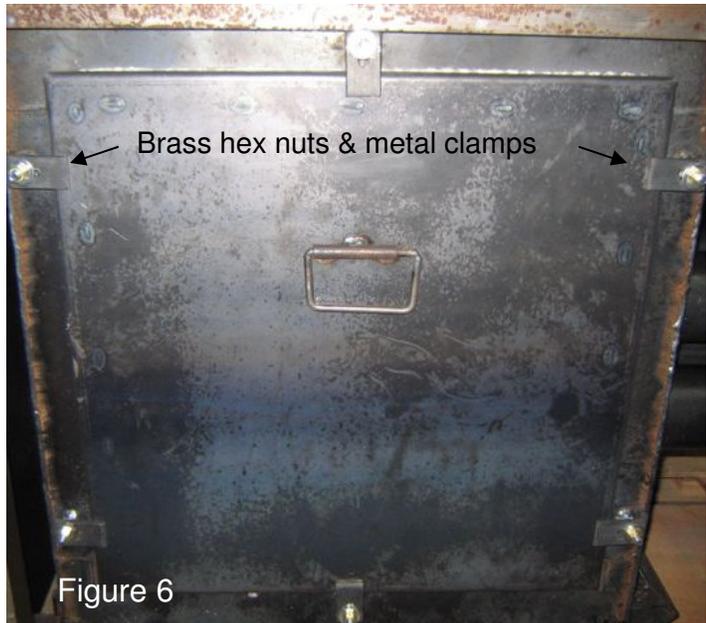


Figure 6

Note: Use caution when working in or around heat chamber refractor. Refractors (see figure 7) become hard and brittle after use. Furnaces should not be moved after use. If furnaces must be moved, extreme care should be used when transporting the furnace. With proper care, refractors will give years of service even after they turn brittle and cracks appear.



Figure 7

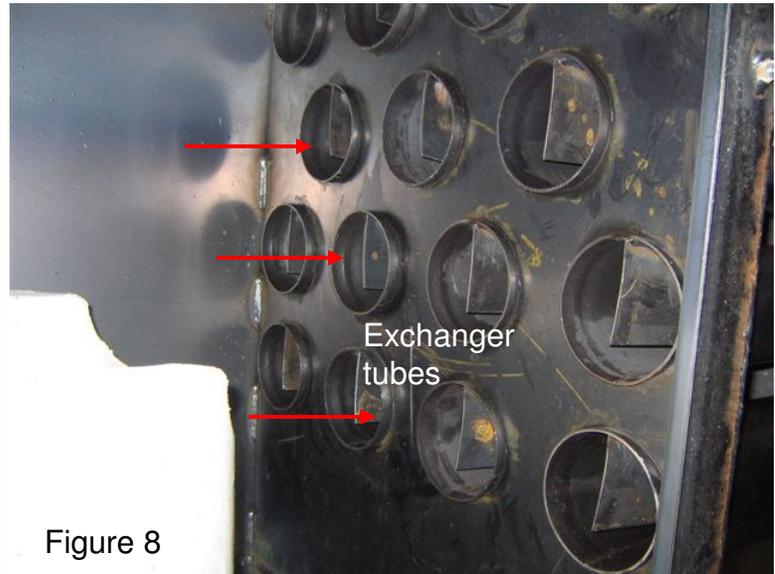


Figure 8

5. Use an air-blow and brushes, scraper or similar tools to remove ash from exchanger tubes, blowing the debris towards the chimney end (see figure 8).
6. Vacuum the loose debris from the exchanger, refractor area and tubes.
7. Vacuum the loose debris from the smoke box through the clean-out plug port (see figure 9).
8. Figure 10 shows the view looking in through the clean-out port.

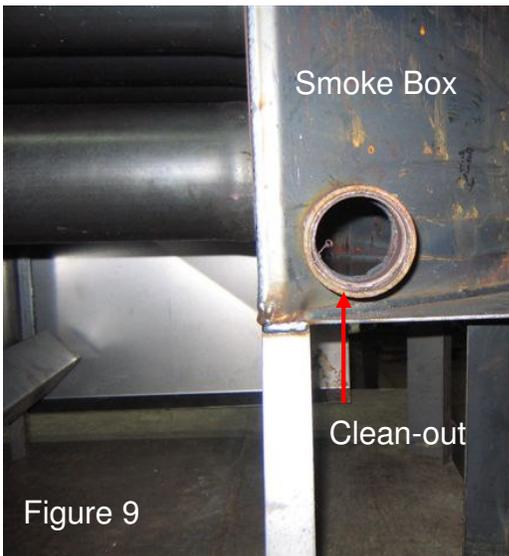


Figure 9

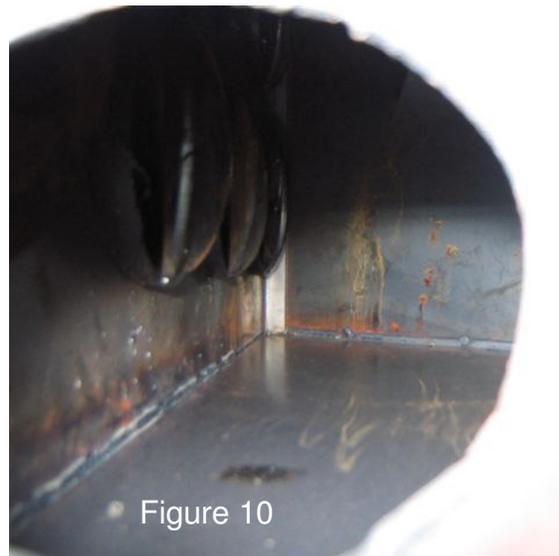


Figure 10