



Encore NC Model 1450 Service Procedure

REPLACE THE FOUNTAIN ASSEMBLY

Tools Required: two-7/16" wrenches; Allen key set;

Time Required: about 2 hours

Materials Required: fountain assembly and any other damaged components

Procedure

This procedure is easier with the top removed. However, this is optional.

The top may be removed in one simple procedure: Locate the Phillips (or socket) screw in the center of the front and the two 1/4-20 hex head bolts in the interior rear left and right of the top. Remove the front screw and interior bolts and lift off the top.

1. Remove the andirons, griddle and the bottom grate.
2. Remove the rear shroud to access the four hex head nuts attached to the damper housing bolts and the two hex head nuts attached to the lower refractory brick retainers. Nuts are located on either side of the back.
3. Remove the right refractory and end insulation panel. Locate the brick support bracket above the right refractory and remove the hex head bolt holding the bracket. Slide the refractory and insulation panel out.
4. Remove the damper housing. Remove the damper handle with the Allen key supplied with the unit. Locate and remove the four hex nuts, two per side on the outside of the inner back, that hold the upper fireback in place. Pull out the hex head cap screws from inside the firebox. Gently rotate the damper housing down right side first and maneuver out of the firebox by sliding left to right to clear the damper rod.
5. Remove the lower refractory brick. Locate the two hex nuts on the outside of the inner back that hold the lower refractory brackets in place. Remove the two hex nuts and washers and pull out the hex head cap screws and washers holding the brackets from inside the firebox. Remove the brackets. Slide the lower refractory brick forward and out of the unit.
6. The tab on the bottom grate holds the refractory shoe in place. Prying the grate up from the front may make this easier as the tab on the grate is quite tight against the shoe. Carefully slide the refractory shoe out of the unit being careful not to damage the gasket on the bottom.
7. Slide the fountain assembly out.
8. Reverse to replace.

FIG. 1 Remove Lower Refractory Brackets



FIG. 2 Remove the shoe

