

STEP 5

- Pull out the straight element pins at the ends of the damaged brick.

STEP 6

- Gently lift elements from troughs with a pick or long-nose pliers and gently lift them out into firing chamber just far enough to allow damaged brick to be slipped out. Remember that the elements are brittle.

STEP 7

- Loosen the worm-type jacket fasteners equally, .5 inch to .75 inch.

STEP 8

- Make sure element troughs in the brick are proper side up. Insert the new brick. This is easiest if a helper holds the adjoining bricks away.

STEP 9

- Hold the worm-type jacket fastener housings with pliers and tighten them evenly until they meet resistance.

STEP 10

- Use sandpaper over a wood block to sand the edges of new brick down flush with its neighbors. Vacuum thoroughly when sanding is completed.

STEP 11

- Replace hinges and hardware, and position the kiln so you can finish tightening the jacket just before the kiln shuts off on your next Cone 06 or hotter firing.

LID MAINTENANCE

Skutt lids are coated with a refractory cement which helps protect the kiln chamber from falling brick particles. This refractory coating will form hairline expansion cracks after the first few firings. This is normal and should not get worse over time. If your lid does develop a larger crack, you can use a thin coating of refractory cement to seal it. Large patch jobs are not recommended.

Remember to tighten the lid band and lid hardware on a regular basis. If the inside surface of the lid ever gets to the point where it is unrepairable you can flip the lid over. Just detach all of the lid hardware, flip the lid and reattach the hardware.

FLOOR REPAIRS

Glaze drips on a properly kiln washed floor can easily be removed without damage to the surface below. Remember to remove all glaze drips before taking the kiln to porcelain/stoneware temperatures, where the glaze will over-fire and soak through the kiln wash.

The floor can be patched if needed. If several square inches have been damaged to a depth of 5/8 inch or less, using a sharp knife or X-Acto tool, undercut the edges of the area to be patched. Use a spackling knife to fill the hole with kiln patch which can be purchased through Skutt. Sand smooth.

REPLACING ELEMENTS

While Skutt kiln elements are not difficult to replace, they require electrical connector tools. We recommend you ask your Skutt dealer about the procedure.

