



# Brick Replacement

REPAIRS

## Always Unplug The Kiln Before Working On It!

1. Order needed bricks from the parts list available from your Skutt dealer. Replacement of terminal bricks involves cutting and renewing element connectors and should normally be postponed until it's necessary to replace that element.
2. If repairing a top ring, disconnect the lid and remove all fittings from the jacket.
3. Remove the screws that hold the control panel to the kiln. Swing the panel open. Slide the connectors off the terminal strip (they are pre-numbered for easy identification). Unplug the thermocouple tabs which are marked positive and negative. Lift the box straight up to remove it. Place on a clean flat surface.
4. Place the ring, damaged side up, on a perfectly flat surface such as the kiln lid.
5. Pull out the straight element pins at the ends of the damaged brick.
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.
7. Loosen the worm-type jacket fasteners equally, 1/2" to 3/4".
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.
9. Hold the worm-type jacket fastener housings with pliers and tighten them evenly until they meet resistance. Slip elements into new grooves and pin down.
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.
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.