

RE-PINNING & REPLACING ELEMENTS

Element Re-Pinning

Elements become very brittle after a few firings; so if re-shaping or re-pinning is necessary, heat the element either by turning on the kiln, or with a torch to a dull red glow. Unplug or unwire the kiln, and reposition the hot element using needle nose pliers. A brittle element normally will not break if it is above 500 degrees F.



As a kiln ages, the element will begin to bulge. At this time the number of pins will not help keep the element in the lid. Your best solution is to replace the element with a new element.



U-shaped pins are used to pin elements in the lid element troughs of the glass kilns.

Removal of Electrical Box

1. Unplug or unwire kiln if direct wired
2. Remove the screws attaching the electrical box to the heat shield
3. Pull the box away from the kiln. When removing the electrical box that contains the pyrometer or electronic controller, be careful to pull the box straight out so that the thermocouple does not break the brick.

