

REPLACING THE THERMOCOUPLE ELEMENT ON KM AUTOMATIC KILNS

STEP 1

- Remove the screws that secure the red control box to the kiln.

STEP 2

- Swing the box open.

STEP 3

- The thermocouple has a yellow, insulated lead wire attached to the terminal strip with slide on connectors and marked with positive (+) and negative (-). **NOTE:** The negative (-) wire is red, not black!. Slide the connectors off the terminal strip.



STEP 4

- Remove the two screws that hold the thermocouple terminal block onto the heat shield.

STEP 5

- Gently pull the thermocouple assembly out of the brick.

STEP 6

- Loosen the two screws which hold the thermocouple element in place as shown in the picture at right and remove it from the thermocouple block.



STEP 7

- Insert the new thermocouple element in place and tighten the screws.

STEP 8

- Reattach the terminal block onto the heat shield with the two screws.

STEP 9

- Reconnect the thermocouple lead wire to the terminal strip, matching the positive and negative markings.



STEP 10

- Close the box

KILNMASTER CONTROLLER CIRCUITRY

The KilnMaster controller components are solid state and cannot be repaired in the field. If repairs are necessary, call the factory at **503-774-6000** to arrange repairs.

DO NOT SEND ITEMS WITHOUT PROPER AUTHORIZATION.

