



KM Relay Replacement

1. Unplug the kiln from the wall receptacle.
2. Remove the 6 (or 4) sheet metal screws attaching the control box to the kiln body.
3. Swing the control box open to expose the internal wiring.
4. Remove the wires from the terminal strip by pulling gently. You should remove the white, numbered element feeder wires and the two thermocouple wires.
5. Remove the control box from the kiln by lifting the box upward off the hinges.
6. Cradle the control box upside down on a soft flat surface. Be careful not to break off the touchpad switch if present on your model. If necessary elevate one end of the control box with a pillow or rolled up towel to keep the switch from hitting any hard surfaces.
7. Remove the sheet metal screws that hold the fiberglass lined heat baffle in place. Remove the heat baffle and swing it to one side taking care not to damage the attached wiring.
8. Inspect the screws holding the relays in place. If sheet metal screws are used, proceed to step 11. If machine screws and nuts are used, proceed to step 9.
9. Remove the power cord wiring from the terminal block. It may be necessary to loosen the power cord strain relief to gain access to the relay chassis. Remove the power cord from the control box.
10. Remove the two machine screws and nuts holding the relay chassis in place.
11. Identify and tag the wiring to the faulty relay. Remove the wires to the relay by loosening and removing the push on connectors.
12. Remove the two screws holding the relay in place. It is only necessary to lift up the chassis far enough to gain access to the nuts securing the machine screws in place if machine screws are used. If sheet metal screws are used, simply remove them and the relay. Do not loosen or remove the relay chassis.
13. Remove the faulty relay.
14. Install the new relay by reversing the above directions.

