



**Cress Mfg. Company**  
4736 Convair Dr. Carson City, NV 89706  
Phone 775-884 2777, FAX 775-884-2991, E-mail [cressmfg@earthlink.net](mailto:cressmfg@earthlink.net),  
or visit our website [www.cressmfg.com](http://www.cressmfg.com)

## **SWITCH REPLACEMENT - FOR FIREMATE SPEED CONTROL SWITCH - OR LOW, MEDIUM, HIGH SWITCH**

### **1. \*\*\* UNPLUG THE KILN!**

2. It is easier to work inside the control panel if you place a small box 8 inches high under the panel for support.

3. Check to be sure that you have unplugged the kiln.  
Remove the 6 sheet metal screws along the edge of the panel.

4. Pull the panel straight out from the body of the kiln being careful not to damage the kiln lining with the tube assembly.

5. Remove the black plastic switch knob from the front of the panel.

6. Remove the 5/8" nut that is under the black switch knob.

7. From the inside of the panel, pull the old switch out but leave all of the wires connected.

8. Install the new switch in the panel, secure it with the 5/8" nut and replace the black plastic switch knob.

9. Now that the new switch is in place, remove one wire at a time from the old switch. Visually inspect the wire and its terminal for damage, evidence of heat discoloration or corrosion. Do not connect a damaged terminal to the new switch; it will damage the new switch. If the terminal is clean, place it on the corresponding terminal position on the new switch. Check to see that it fits tightly. Loose connections will cause switch to burn out.

10. To verify that you have positioned the switch correctly, turn the knob and check to see that the switch clicks into place.

- At "A" and "E" dial positions (on the FIREMATE speed control)

- At "0" and "100" (on the low-med.-high switch dial).

If not, you may need to remove the knob and loosen the nut and turn the switch slightly.