3 Heat Switch Replacement

SKUTT
CERAMIC PRODUCTS

1. Unplug your kiln from the power supply. Open the control box containing the switch you want to replace.

2. Remove the 3-heat switch knob by grasping the knob firmly and pulling straight out. The knob should come off easily exposing the Pal nut.

3. Remove the Pal nut using a Crescent wrench or box wrench. The switch can now be removed from the control box.

4. Inspect the flag lugs and wires at this time. Any tarnished, oxidized, or corroded electrical connections must be replaced or failure of the new switch could occur. If it is necessary to install a new flag lug connector be sure to inspect the wire after stripping to ensure it is not oxidized. If oxidation is present, scrape the wire with a knife or use fine sandpaper to brighten the wire prior to crimping on a new flag lug connector. Crimp all connectors VERY HARD to ensure a good electrical connection. Use an indenting type crimper if possible.

5. To avoid mixing up the wires on the switches, transfer the wires from the old switch to the new switch, one at a time. Refer to one of the other switches in the kiln if the wires get mixed up.

6. Tighten all the screws on the flag lugs securely before starting to install the new switch in the control box.

7. Install the new switch in the control box taking care that the white label is facing towards the floor. Inspecting the back of the switch should show the #1 terminal to your right.

8. Install the Pal nut and tighten. This nut should be moderately tight, but not over tightened. Ensure the switch is aligned vertically and not twisted right or left. The switch should "lock" in position and should not rotate.

9. Install knob on switch shaft. The spring in the switch shaft should go into the flat side of the knob. The knob can only be installed one way. The "OFF" position should facing up.

10. Reattach the control box to the kiln. Take care not to pinch any electrical wires in the process.

11. Monitor your first several firings with pyrometric cones to ensure proper switch operation.

Switch knob shown for illustration only.

Not included in switch packet.