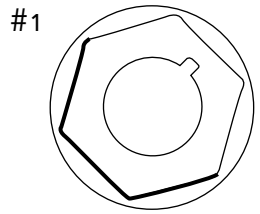
Infinite Switch Replacement

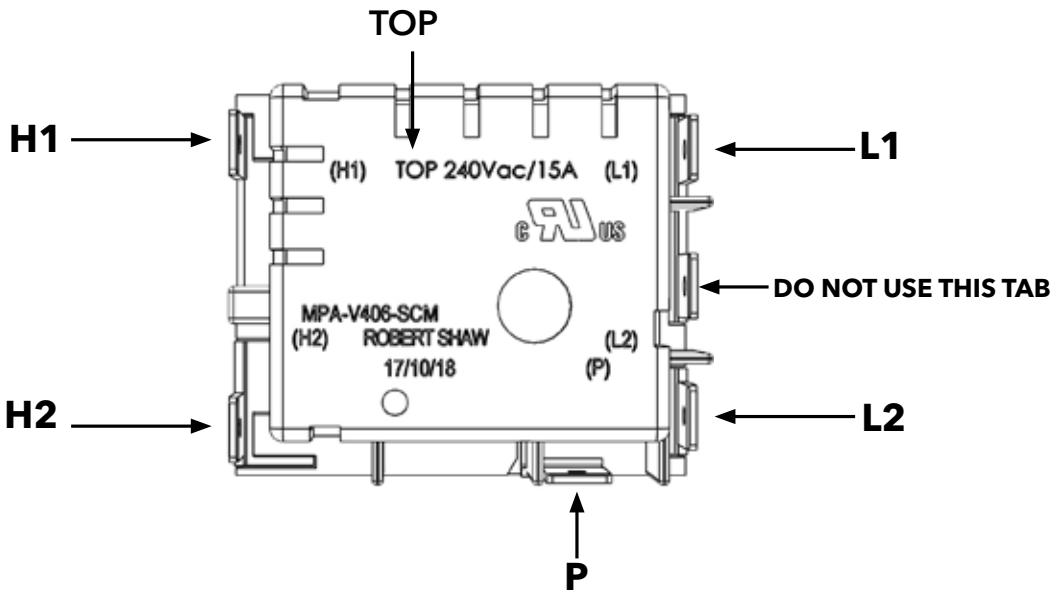
New Style (11/2018)

UNPLUG THE KILN BEFORE ANY REPAIR.

1. Remove the screws that hold the red control box to the kiln.
2. The box will have wires running to the elements from the switch. Be careful not to pull on the box to hard as to break the wires.
3. To remove the switch from the box: Grab the switch knob and pull it directly away from the box. The knob slides over the switch post and should pull right off.
4. There is a pal nut [see picture 1] that holds the switch in place.
5. With a crescent wrench or channel locks, turn the pal nut counter clockwise to remove it from the switch post.
6. You can now pull the switch out from the inside of the control box.
7. The new switch has 6 posts marked H1, H2, L1, L2 and P.
8. L1 and L2 are power to the switch. L1 has two positions (see diagram above).



pal nut



9. Take the wires from the old switch marked L1 and L2 and place them in the same locations on the new switch.
10. Then remove the wires from H1 and H2. These are the feeder wires that go to the elements. Place them on the same positions on the new switch.
11. The P tab is not used on 240 volt switches on Skutt Kilns, with the exception of some kilns designed for foreign countries.
12. 120 volt switches are labeled the same as 240 volt switches H1, H2, L1, L2 and P.
13. The P tab is not used on the KS614-3.
14. The P tab is used on the Pinto, FireBox 8 and the GP706.