



Fire Rod Replacement

Gather tools and Anti-Seize Lubricant needed to complete the replacement of the fire rod.



Unplug the unit from the power source to avoid electric shock or damage other components of the unit.

Drain water reservoir by removing the bolt/nut/washer on the bottom. Completely dry reservoir inside and out.



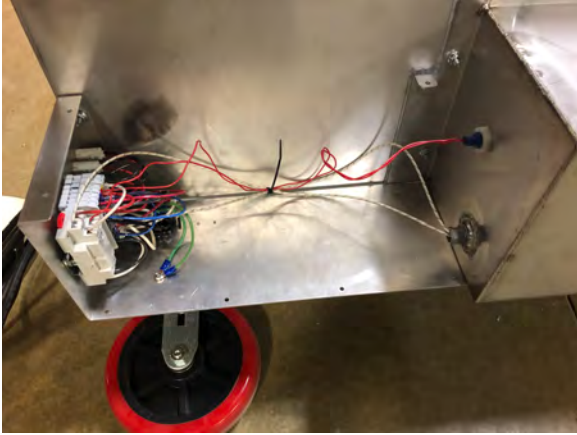
Drain nut outside bottom of water reservoir.

Lay Germination Chamber on its side. Remove 7 Phillips head screws that hold the electrical box cover in place.



Electrical Box Cover on the left. Water Reservoir on the right with drain plug nut visible.

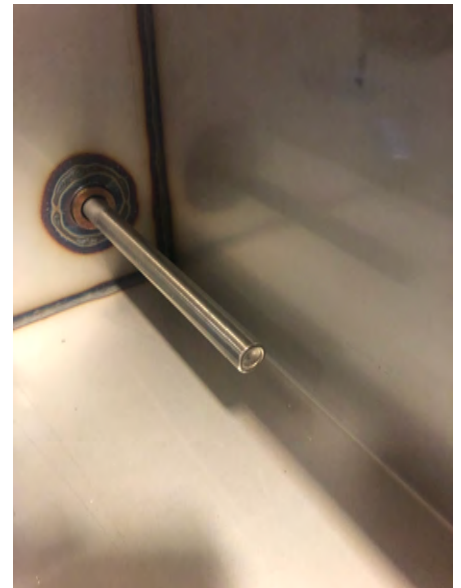
Use wire cutters to cut the 2 wires of the heat element.



Remove heat element from the water reservoir using box wrench.
Be aware; anti-seize lubricant on threads of the heat element.



Be aware; anti-seize lubricant on
threads of the installed heat element.

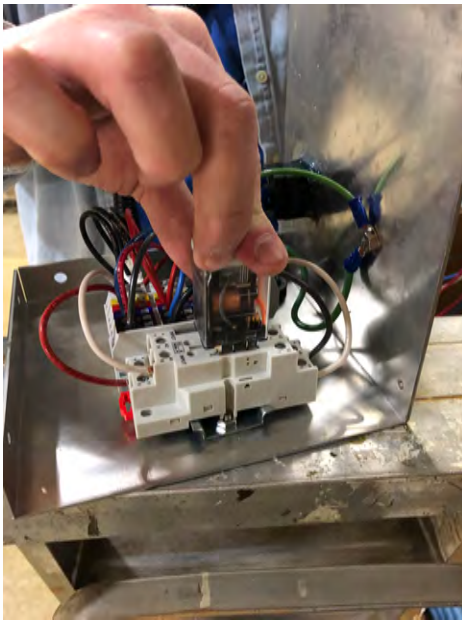


Insert and tighten new Heat rod with wrench.

Use enclosed wire nuts to reattach the heat
element to the electrical system.



Replace relay cube. Unfasten clips holding it in position. Plug in new relay and secure with clips.



Reinstall the cover on the electrical box.

Return germination chamber to upright position.

Refill the water reservoir. Add 1/2 teaspoon of baking soda to the tank water to prevent corrosion of the heat element. Do this every time the tank is drained and refilled.

Drain the tank completely, drying inside and out at the end of each season.