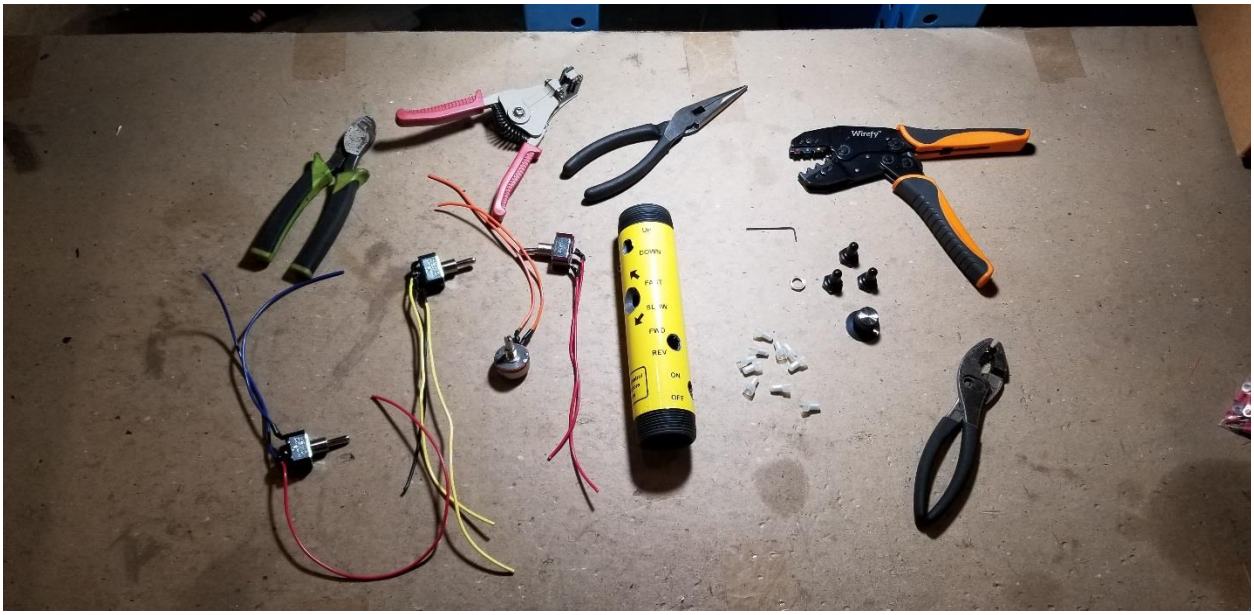
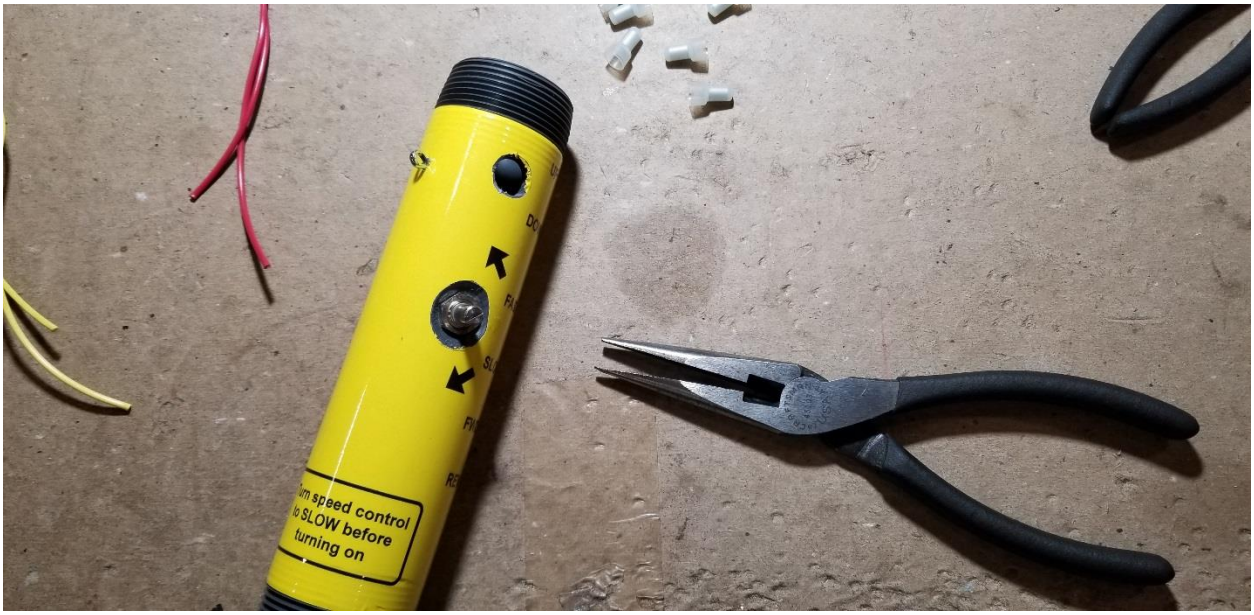
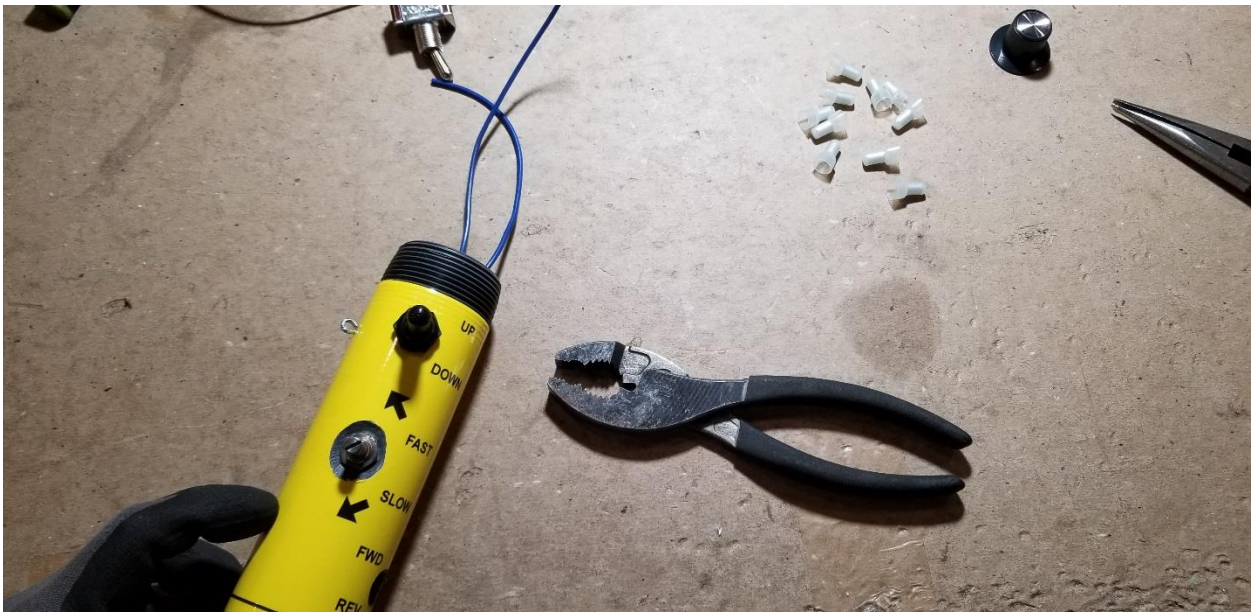
CONTROLLER REPAIR INSTRUCTIONS



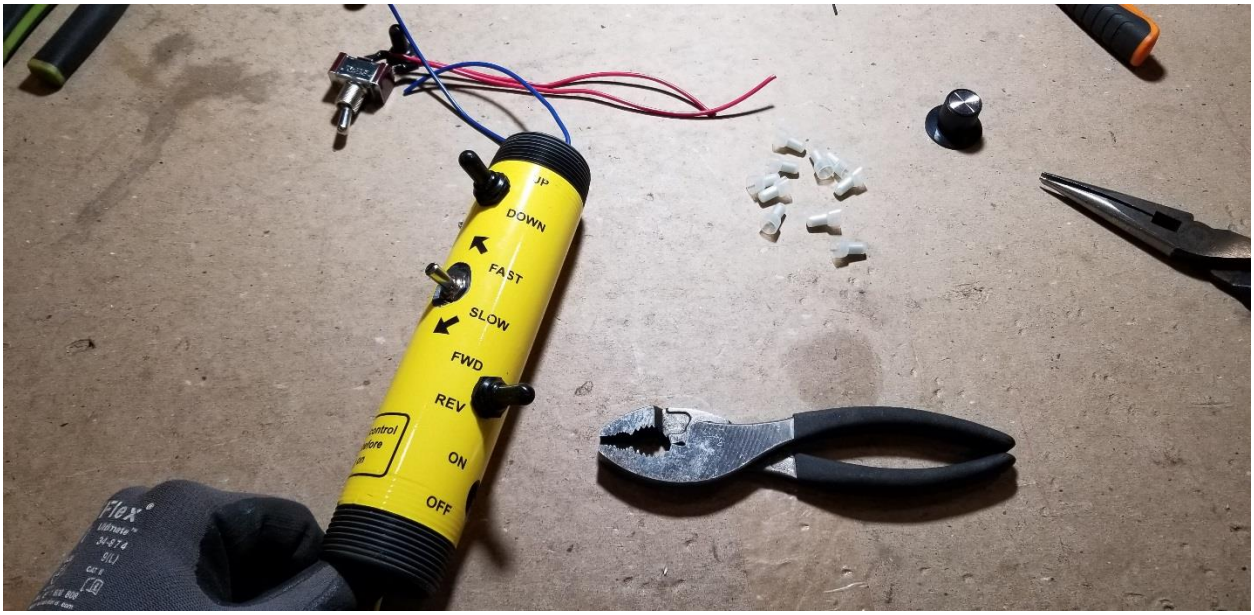
First, begin with the rheostat. Slide down from the top of the controller body with the orange wires sticking out the bottom. Then use the nut from the repair kit and a needle nose pliers to tighten until snug.

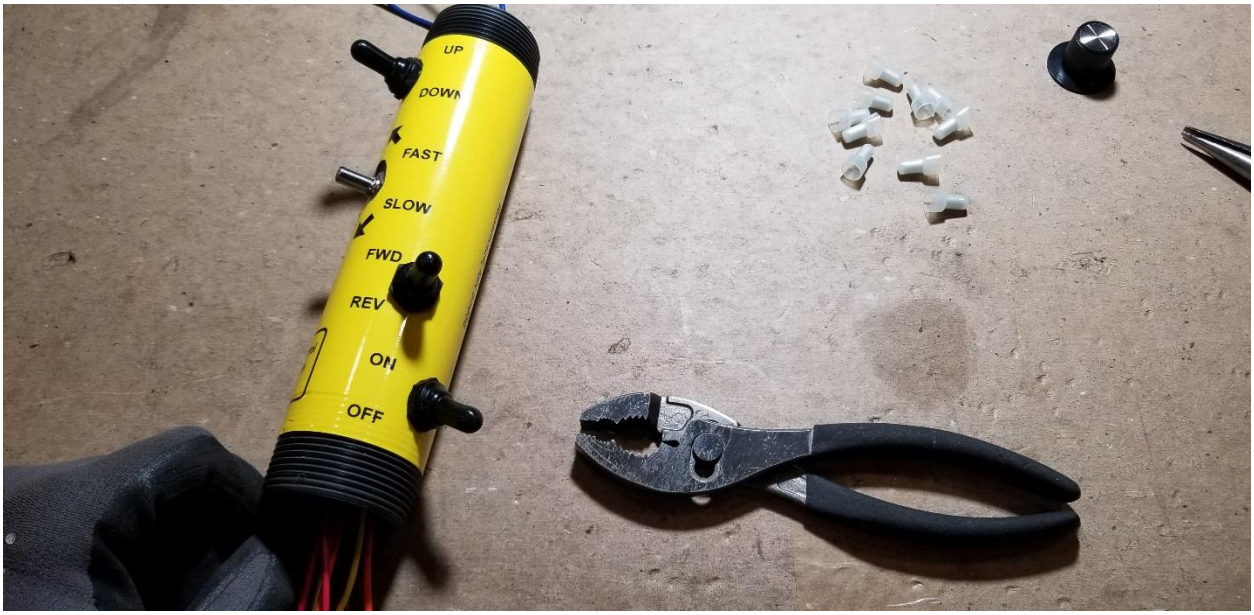


Next, insert the Up/Down switch. This is the switch with the blue, blue/black, and red/black wires. Insert with red/black wire protruding from the bottom of the controller and the blue and blue/black wires out the top. Secure with black switch boot. Using a pliers allows for a tighter fit.

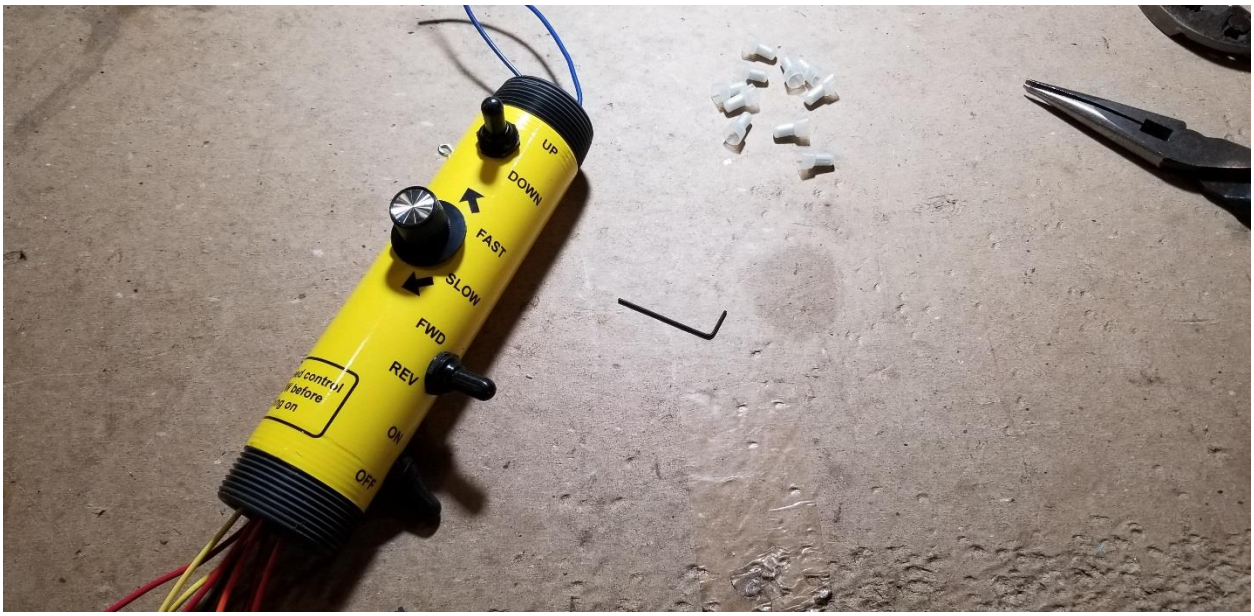


Next, repeat with the Forward/Reverse switch (yellow, yellow/black and black wires) and lastly the On/Off switch (red and red/black wires). Insert from the bottom with wires sticking out the bottom of the controller.

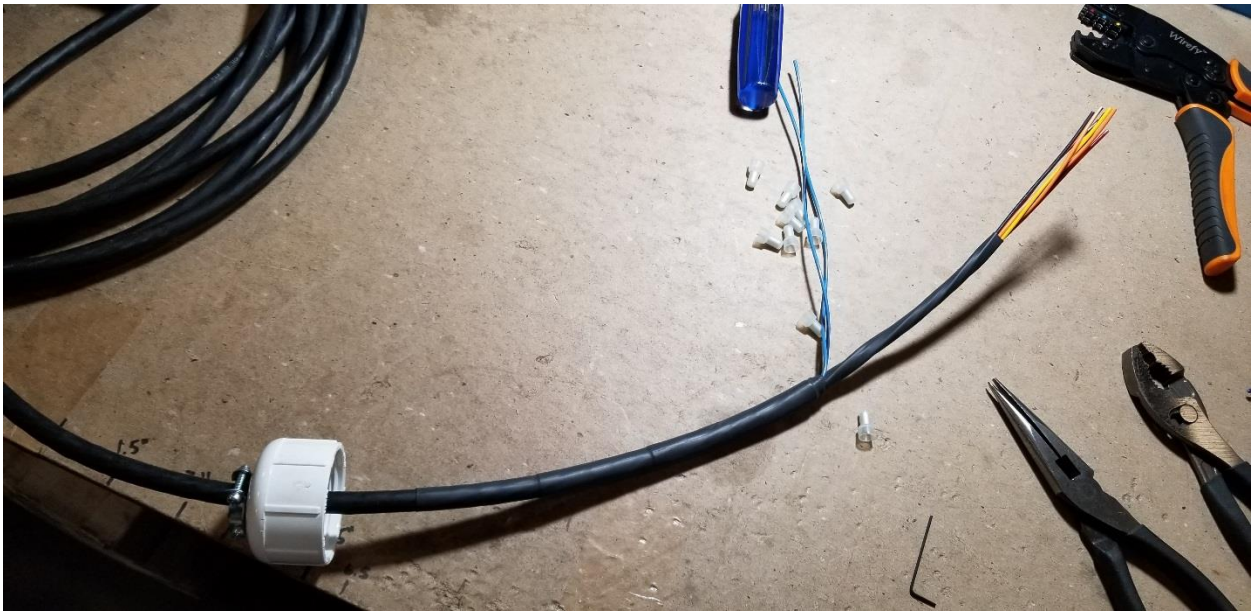




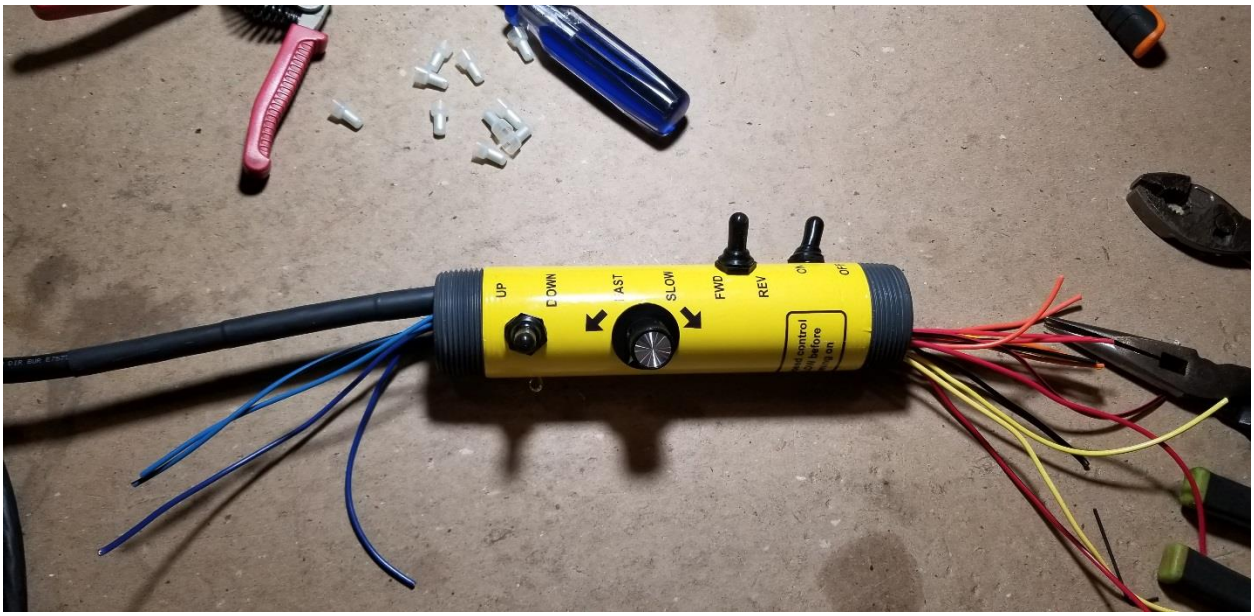
Next, use the hex key provided in the repair kit to secure the speed control knob. Elevate the knob just slightly so that it does not rub on the sticker.



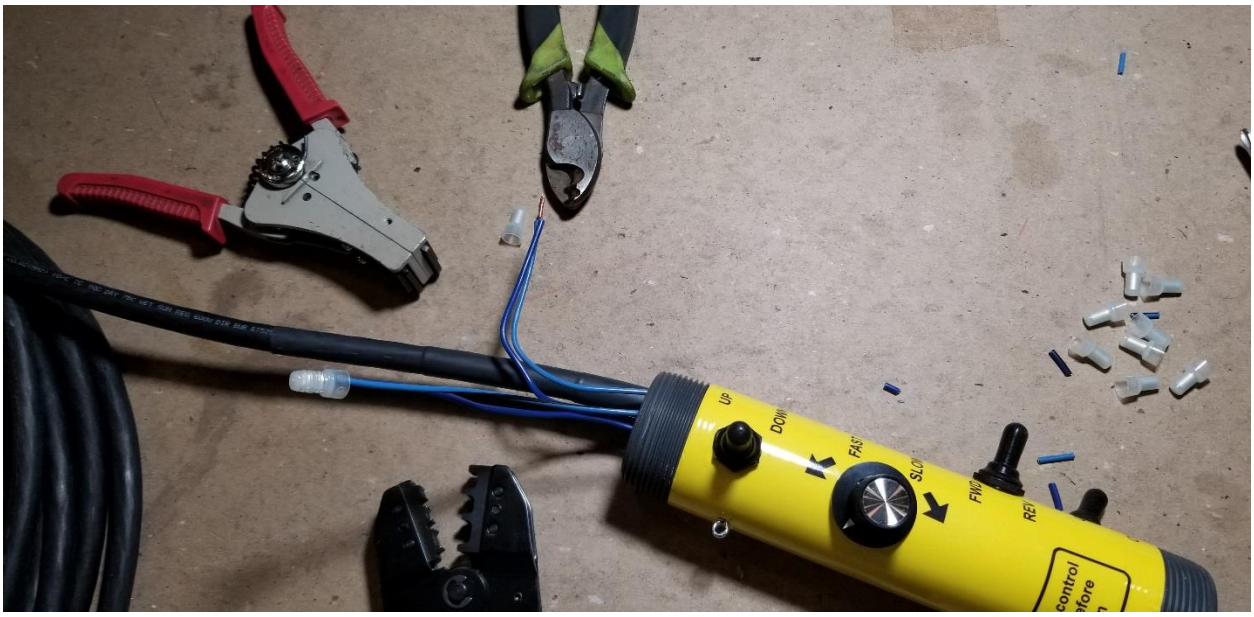
Next, insert wire through the PVC cap with the romex connector. Then strip wire coating back to reveal the 18ga wires.



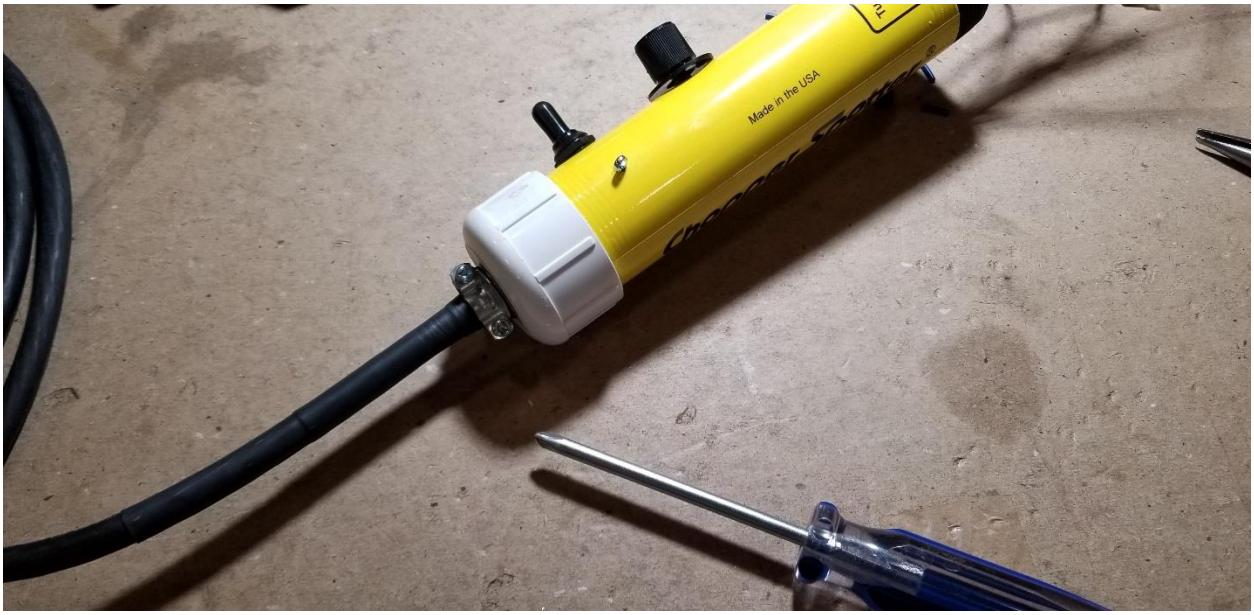
Then, insert the wire through the controller body, with the two blue wires bent backwards so they stick out the top of the body.



Next, cut each wire to equal lengths and strip them. Then twist the wires together and crimp them with the solderless connectors. Match each wire up. Blue with blue and blue/black with blue/black.



Tuck the wires inside the controller body and then twist the cap on tight. Before screwing the romex connectors down, make sure there is ample length to the wires out the bottom of the controller to work with.



Finally, continue stripping and crimping the remaining wires, matching each like-wire together. Note that there will be three red/black wires crimped together. The brown wire from the controller cord is not used. Crimp all the wires, tuck them into the controller, and tighten the other PVC cap on.