

MLAREVO1836 Relay Replacement

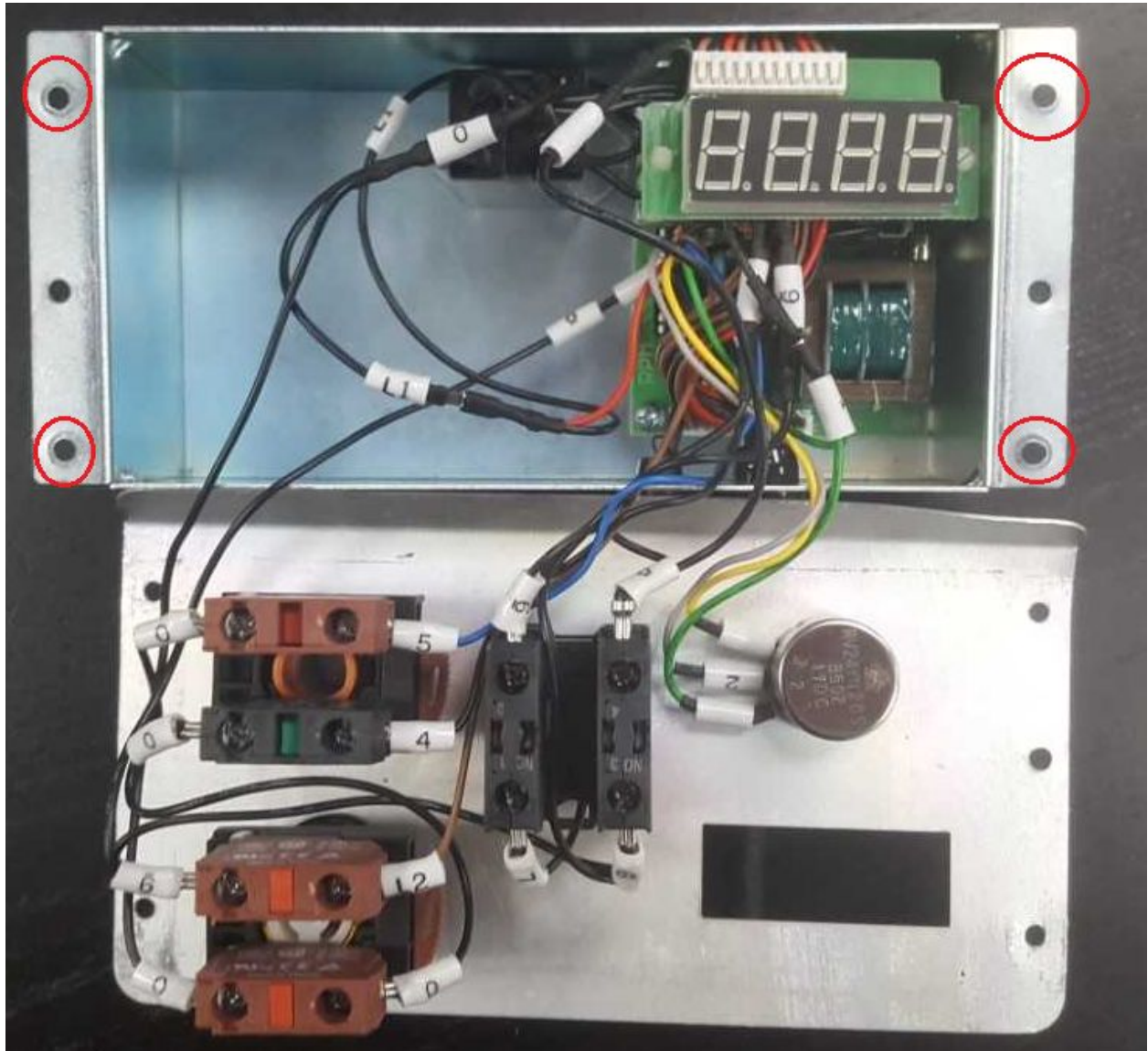
STEP 1:

First you will need to remove power from the machine, preferably by unplugging the unit. Then, remove the 2 screws under the handles on the control panel. This will allow you to pull the entire housing out of the headstock. During this step, it would be very highly recommended to have a bowl (preferably magnetic) to hold the screws as they are very small. Make sure to sweep up the floor prior to this process so if you do drop a screw, it does not get lost in the dust.



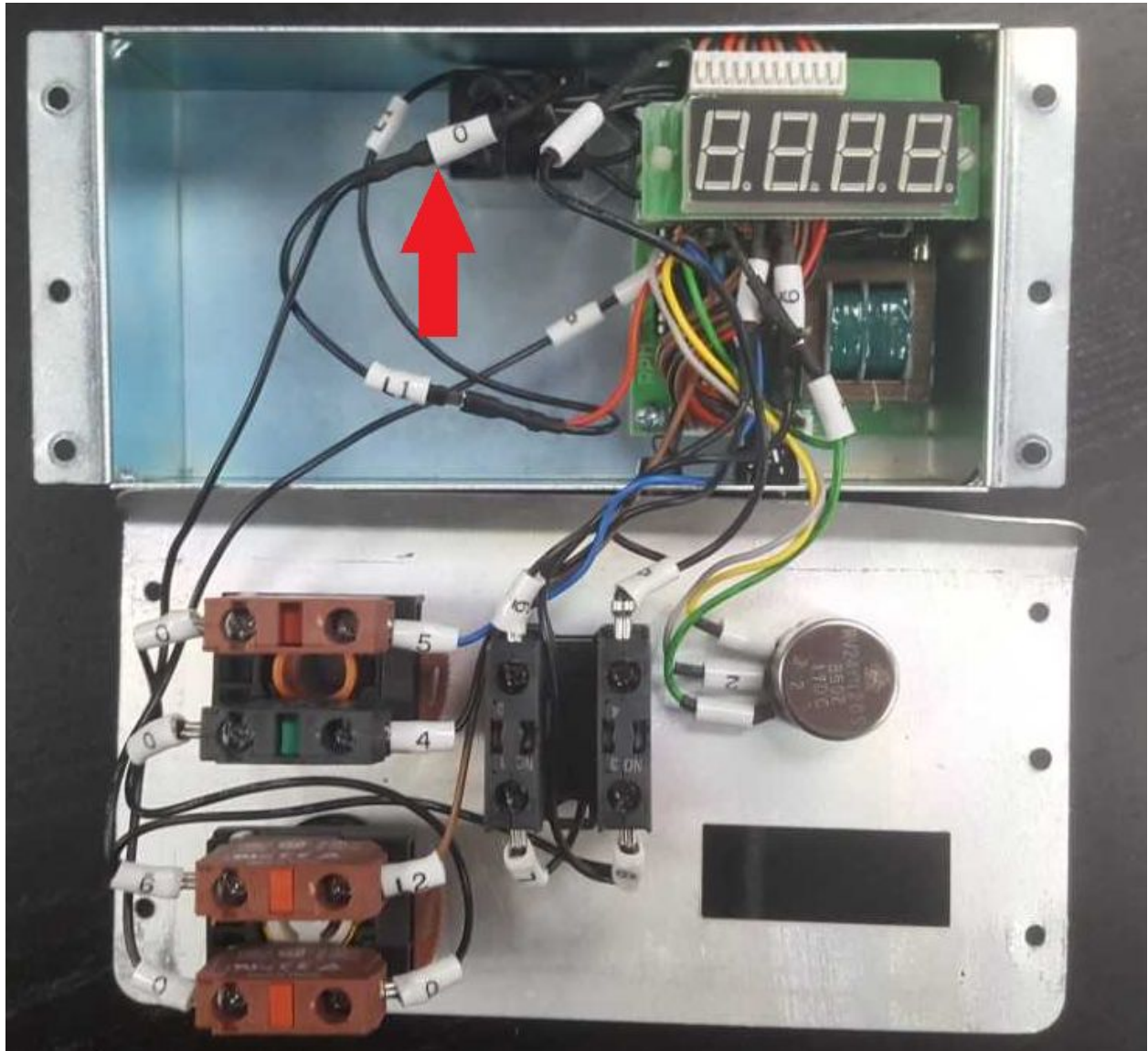
STEP 2:

Next, you will need to remove the 4 screws (2 each) holding the handles onto the control panel. This will allow the box to be opened up and display what you see in the picture below.



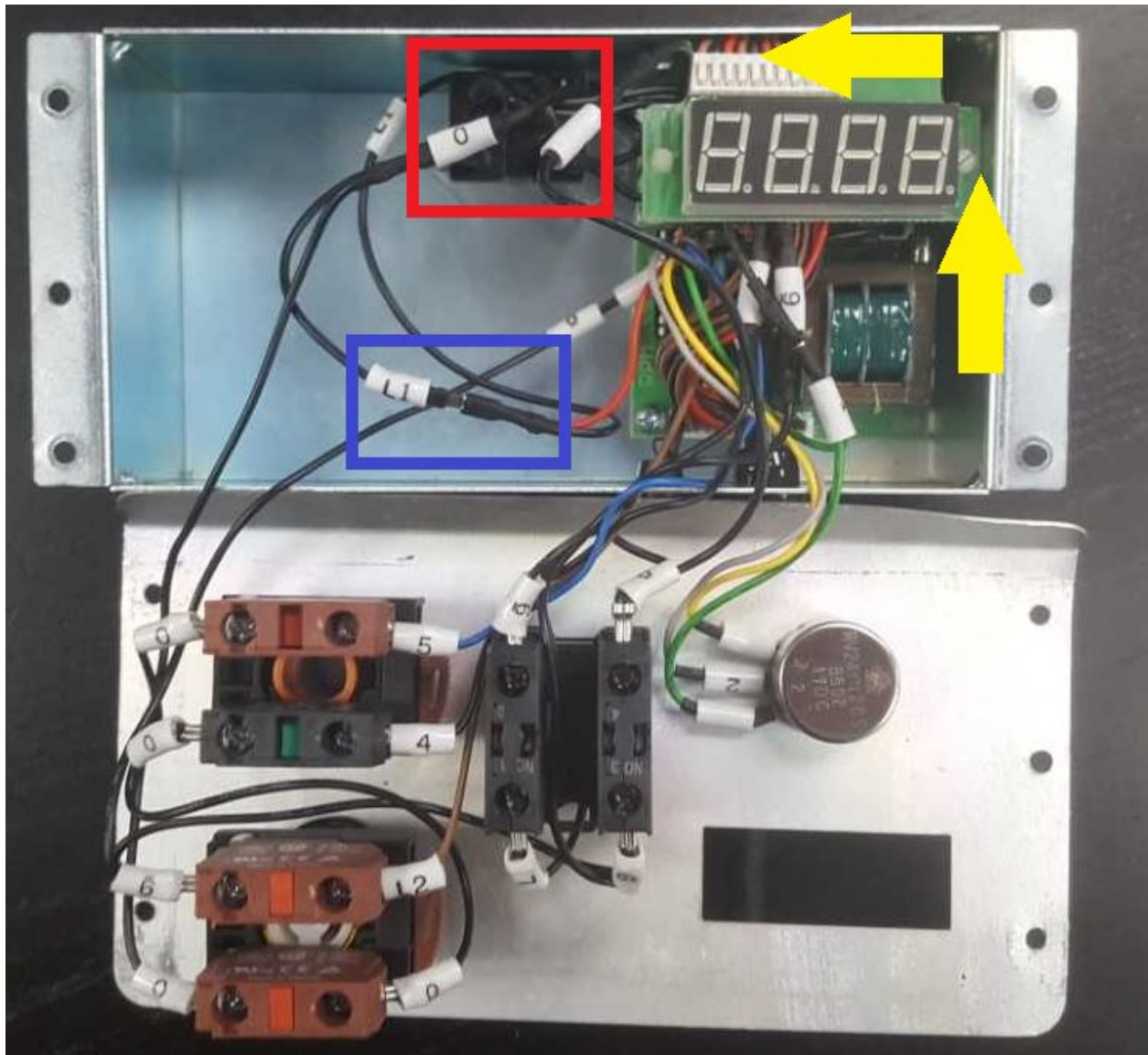
STEP 3:

Next, you will need to remove the existing relay and place the new one into the housing in preparation for changing out the wires. It is held one by 1 philips head screw.



STEP 4:

Next, you will need to trace all of the wires coming out of the existing relay (RED) and change each wire. Each wire is a spade connector and held in with friction (BLUE). Simply pull from both ends and the connectors will come apart. You may have some difficulty doing this as some of the wires go through the DRO assembly. You can help this by removing the 2 screws on the outside of the box (YELLOW).



STEP 5:

Once you have all of the wires connected, reverse steps 1-3 to get the unit reassembled. When you reassemble the unit, you may notice that your RPM's do not read properly or at all anymore. This is likely because the bracket was bent during this process. On the yellow sensor, you want to aim the crosshairs at the hex head bolts of the spindle and get it as close as physically possible without making contact.

