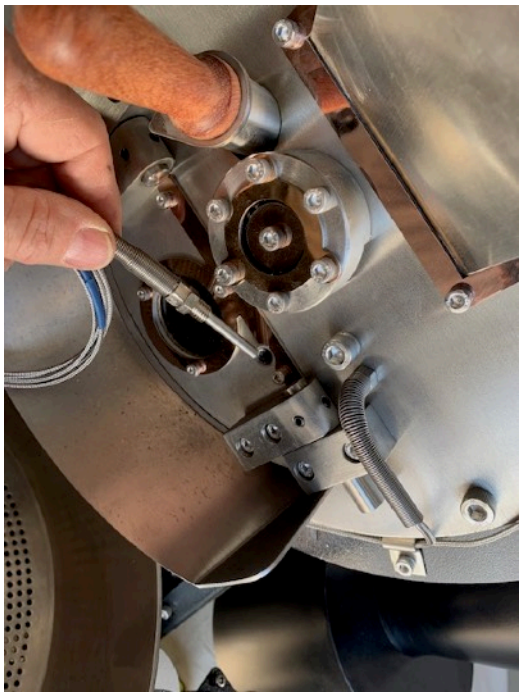
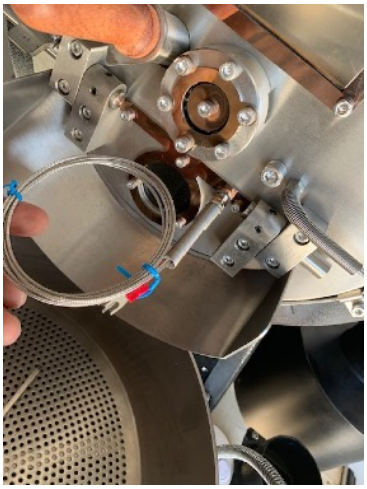
BC THERMOCOUPLE REPLACEMENT

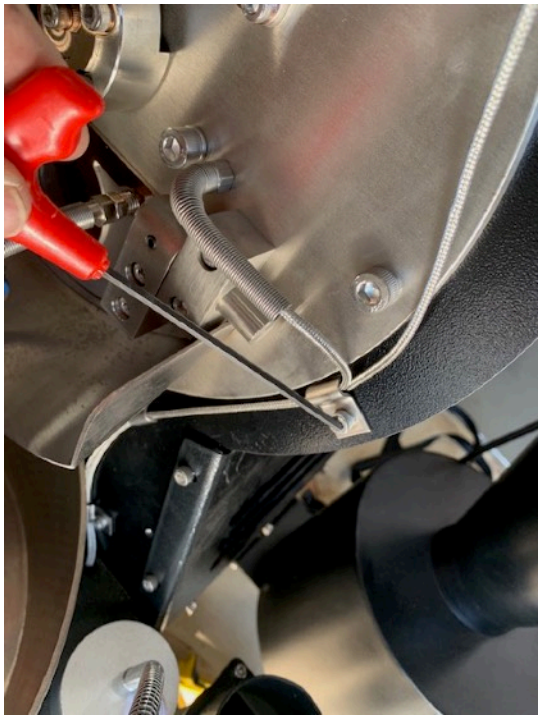


If you are changing out Thermocouples to another K Type or replacing one that has gone bad you can follow these instructions:

1. Choose the location where you plan to put Thermocouple and make sure the size and length you are installing will fit into location and not hit drum when rotating.If you are putting a probe in the drum door you most likely will need to carefully bend end of probe before or after installing as anything longer than a 10-20mm probe will likely hit drum when turning. If you buy your own thermocouples be sure they are K type and have 8mm threads so they will screw into the pre-drilled holes on front of BC Roasters.
2. Install the probe and screw it in by hand.
3. Next you can follow the older probes wire to rewire up to the Omron control. In some cases you can connect or tape the end wire on the new probe to the exposed wire on the defective probe by cutting it after the thermocouple on old probe and taping ends and then gently pulling the old probe wire out of and thus rewiring the new probe. In other cases you may need to rewire the new probe step by step. If rewiring new probe step by step follow point #4
4. If wiring new probe step by step you will likely either need to open the cooling tray gateway and reach into underside of tray to insert wires through holes leading to underside of roaster or in some cases it may be easier to remove cooling tray to get access to thread wire through holes.



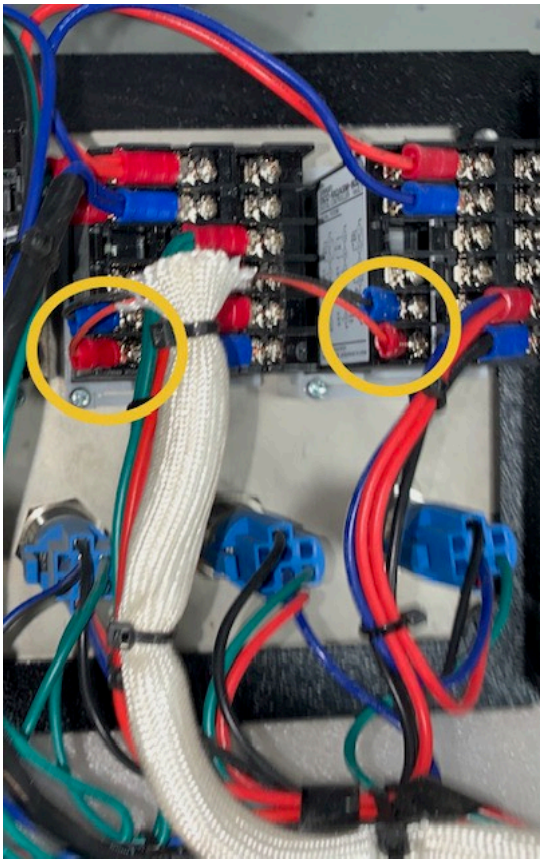
BC THERMOCOUPLE REPLACEMENT

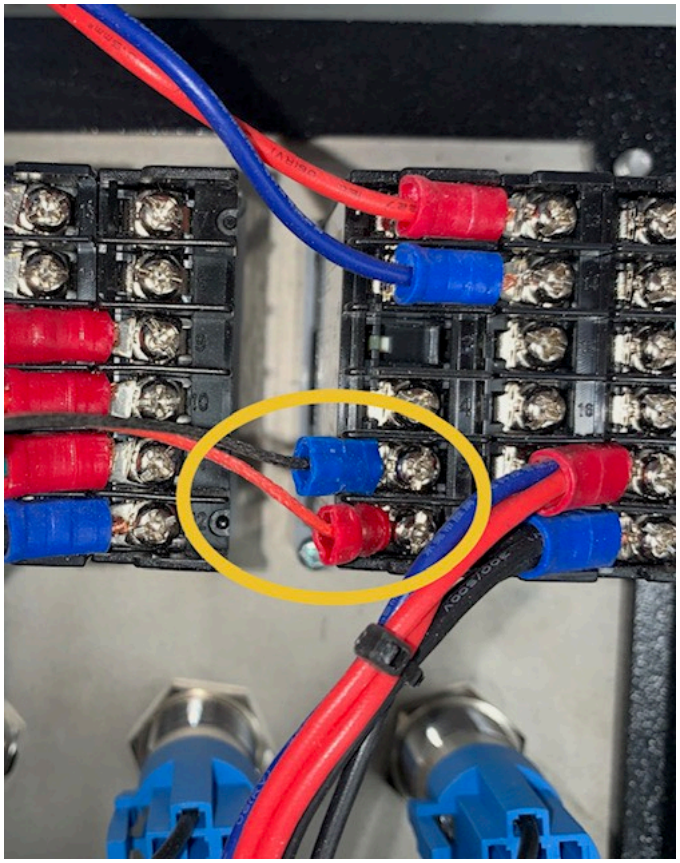


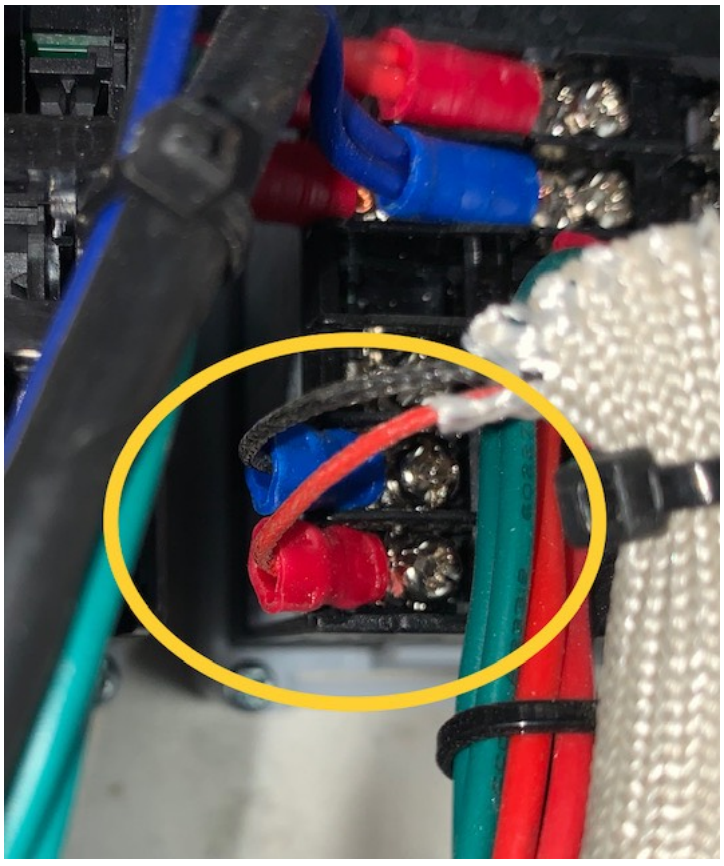
Follow the old prob wire to rewire unit:

Then open front cover to get to the OMRON Temperature Controls

BC THERMOCOUPLE REPLACEMENT





You will see the thermocouple wires ran through the fireproof white sleeve. If you can run wires through this. Likely you will need to replace the plastic ties on the sleeve.

Then locate the red and blue wire. Make sure if you are replacing the BT probe you connect it to the correct Moron control. Same if replacing the ET or hot air probe.