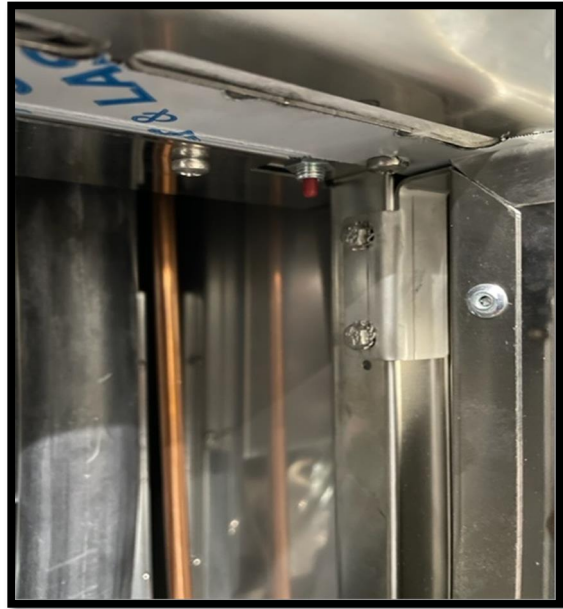


CPG Pasta Cooker Pilot Issues Trouble Shooting

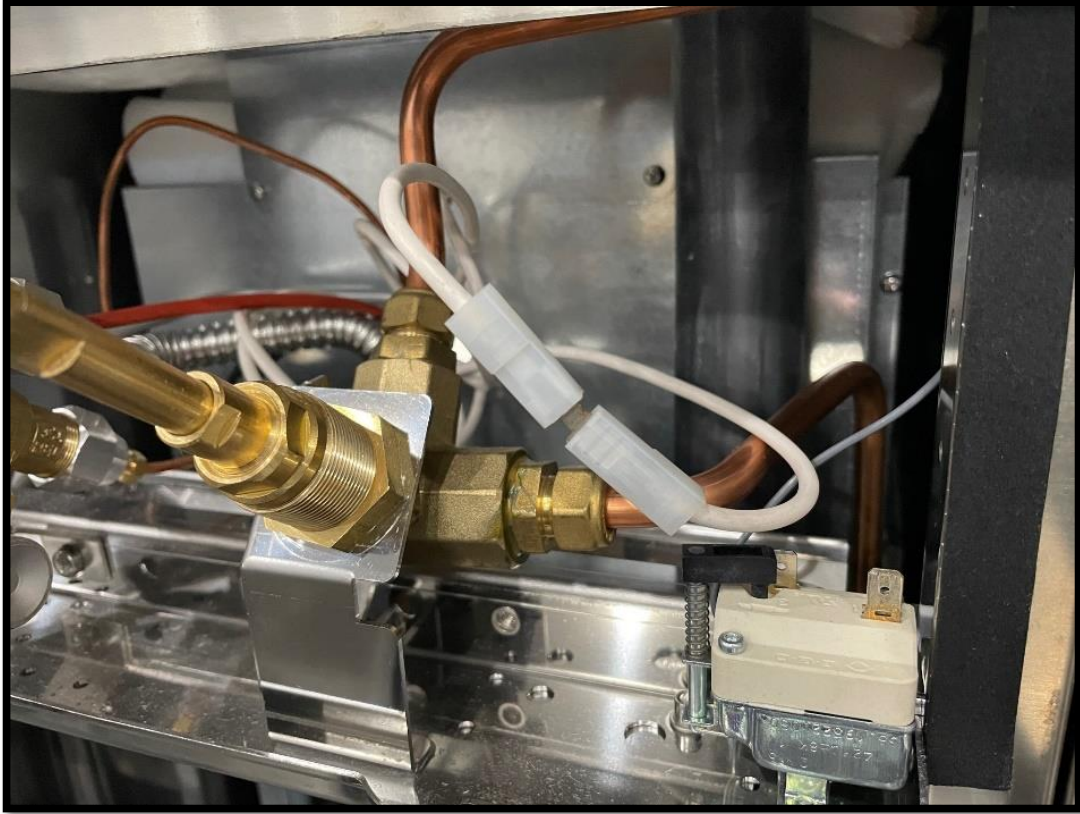
Step 1 – Check Gas Pressure. Natural Gas Pressure needs to be 5 inches water column when cooker is idle and between 4 to 5 when burners are lit. **(For Liquid Propane, the gas pressure should be 8 to 11 inches water columns)**. Adjust gas pressure regulator and then attempt to light. If this does not resolve issue, go to step 2.



Step 2 – Inspect the high limit. Reset the high limit and wait 5 minutes before attempting to light. Some cookers have a high limit where by the reset button is inverted and will need a firm tool to reset it and others have high limits with a button that can be reset without a tool. If this does not resolve the issue, go to step 3.

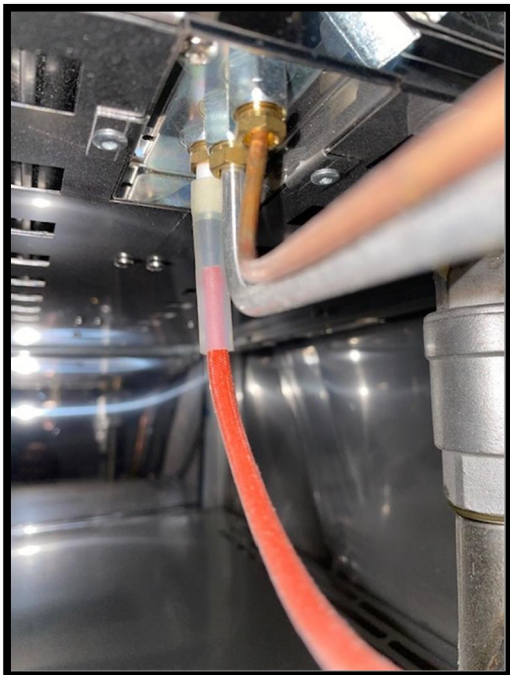


Step 3 - Disconnect both wires from the thermocouple and check continuity on the high limit. If you don't have continuity, replace it. If you do have continuity on the high limit, check to see if you are getting a false reading by using a sturdy metal jumper and connect both wires from the thermocouple.



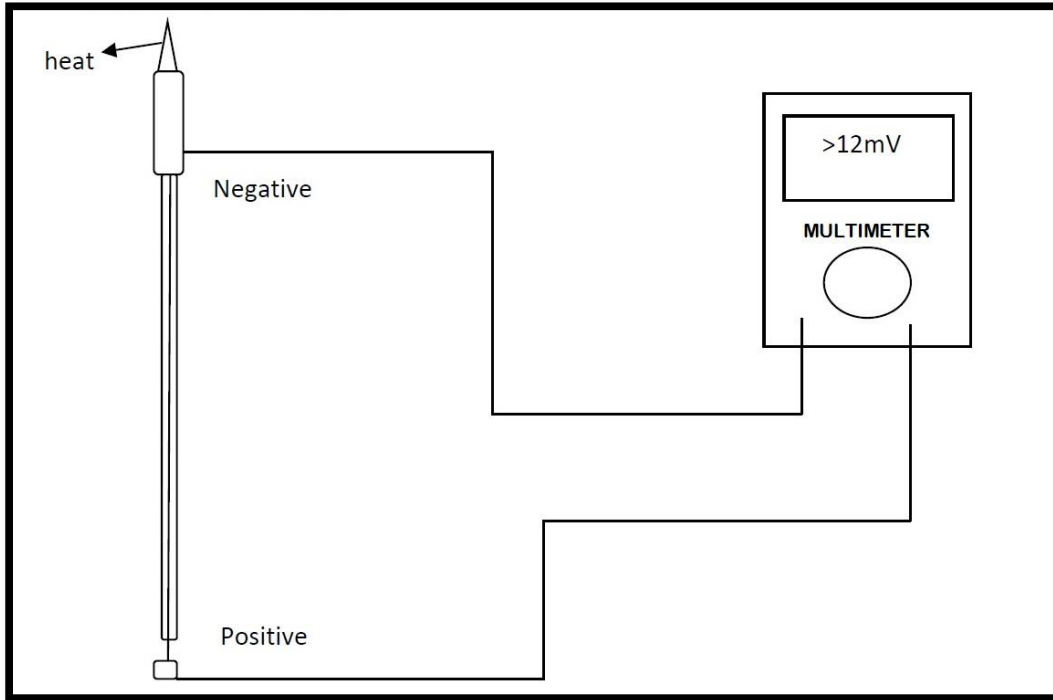
If the pilot stays lit and you are able to go to high flame and low flame without any interruption, then the issue is the high limit that needs replacement. If pilot still will not stay lit, then go to step 4.

Step 4 – Reposition the thermocouple on the pilot burner and check the pilot orifice to make sure it's not clogged. Also check the main burners for any clogging. Attempt to light the pilot.

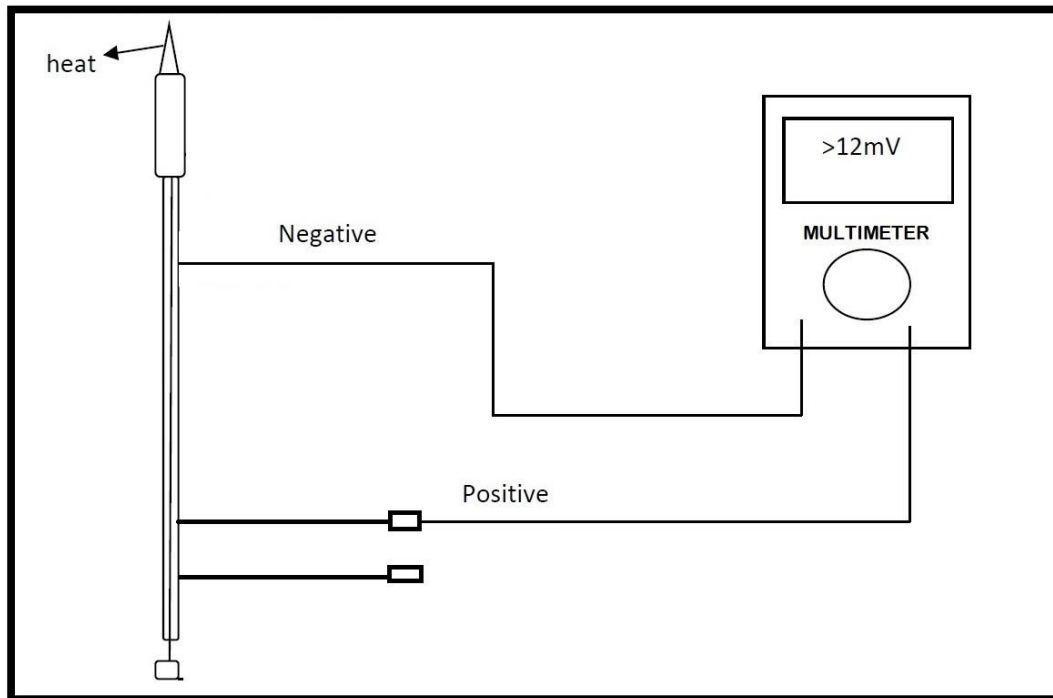


If that is not successful, remove the thermocouple from the pilot assembly and test the millivolts. As you test the millivolts by heating the tip, the value on your multimeter should be climbing. Depending on the version of the thermocouple that is in the pasta cooker (standard or high BTU), you will test the millivolts at different points on the thermocouple:

Testing Standard Thermocouple



Testing HIGH BTU Thermocouple

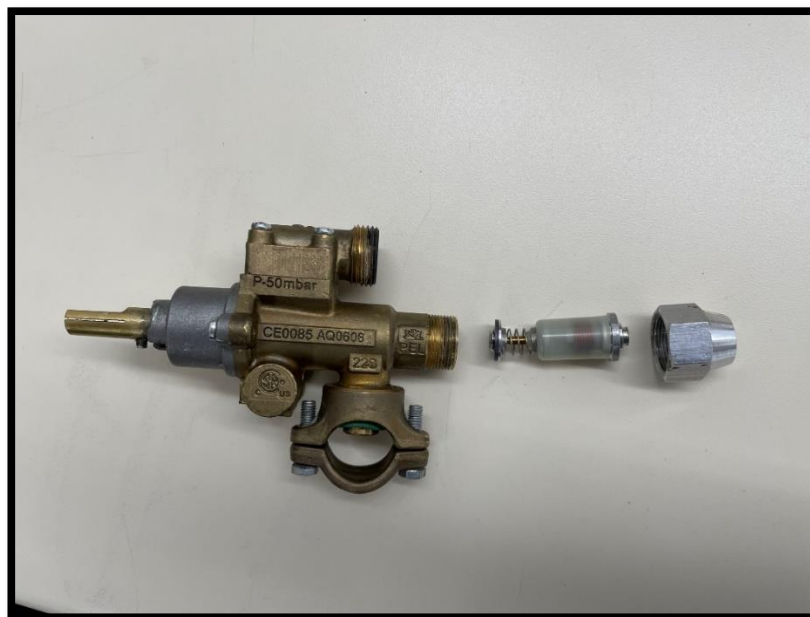
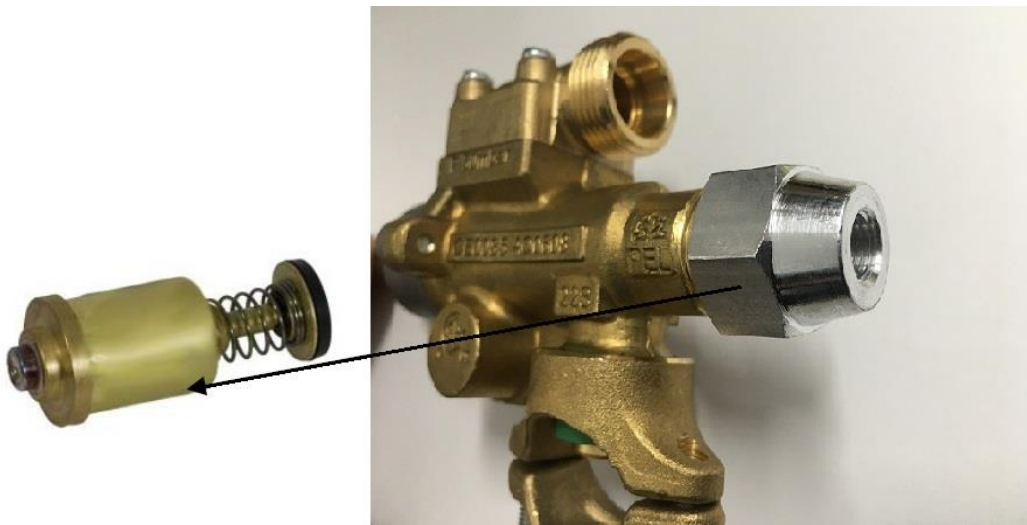


If millivolts read below 12mv, then it's time to replace the thermocouple. If thermocouple reads more than 12mv, then go to step 5.

(Note – If you do not have a HIGH BTU thermocouple available, you can install a standard BTU thermocouple and the unit will be operational. In this situation, the high limit will be bypassed)

Step 5 – Inspect Gas Valve. Remove the thermo magnet from the back of the gas valve (where the thermocouple connects to). Press the magnet with your tester on each end and test for continuity.

If you get continuity, clean the thermo magnet and internal portion of the gas valve it goes into before mounting it back (The thermo magnetic should easily go in and out. Make sure it's not stuck in the housing). If problem persists, replace gas valve.



Note - Technician must also check any flue restrictions, kitchen hood CFMs, and other external factors.