

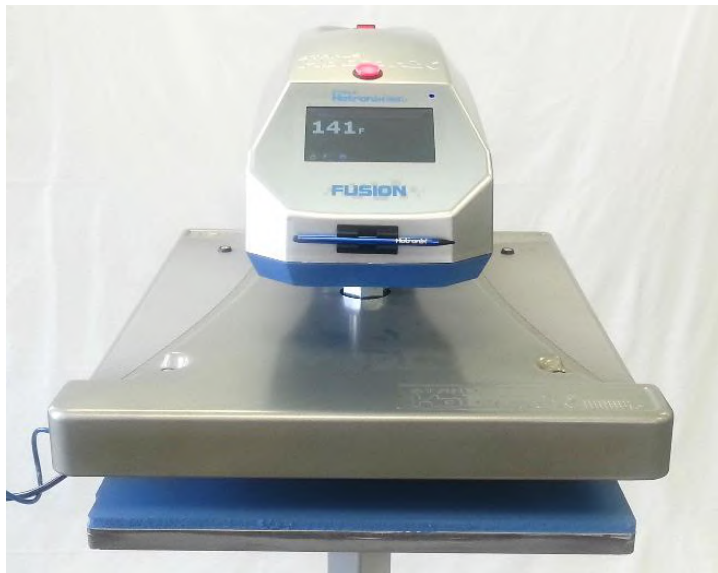


Included Parts:

1. Controller
2. Triac
3. Temperature Strips

Required Tools:

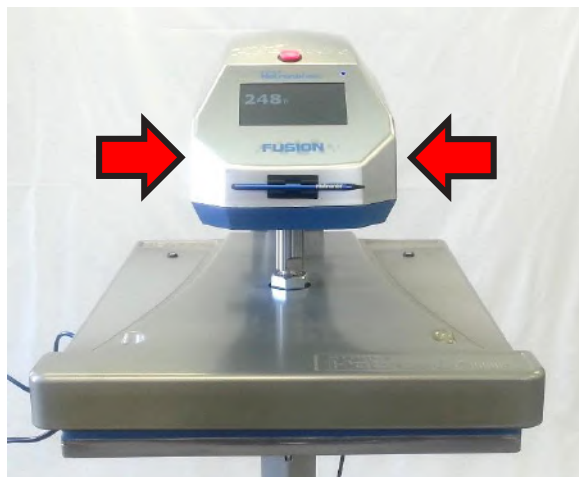
1. #1 Phillips Screwdriver
2. #2 Phillips Screwdriver
3. Short #2 Phillips Screwdriver or Ratchet w/ #2 Phillips bit
4. Scissors
5. Paper Clip



Turn press ON



Set timer for 15 seconds or more



Press Print Switches to lower heater



While heater is lowered, disconnect air supply line from air filter



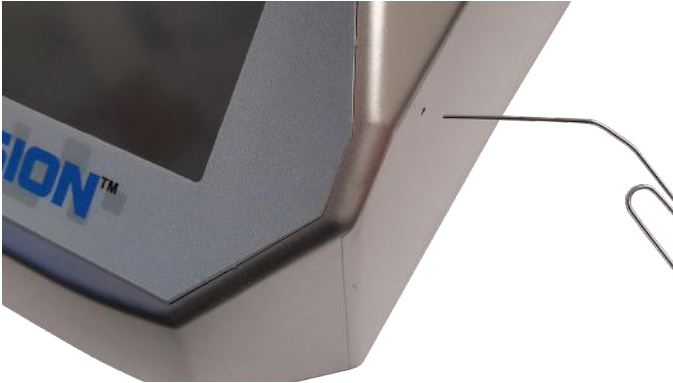
Turn press OFF



CAUTION: Detach power cord before proceeding

Remove the Touch Screen Controller

1. Insert the Paper Clip into the small hole on either side of the housing.



2. Press in the paper clip until two clicks are heard: The first click releases the controller bezel and the second click ejects it from the housing as shown.



3. Repeat the process on the other side of the housing.



4. Remove the controller.





Remove three #8-32 x 3/4" Screws from Control Housing using Short #2 Phillips Screwdriver



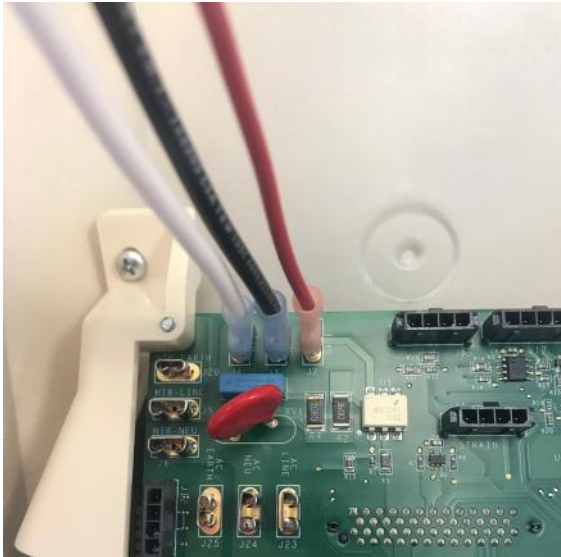
Lift off Control Housing and lay it gently on left side of press



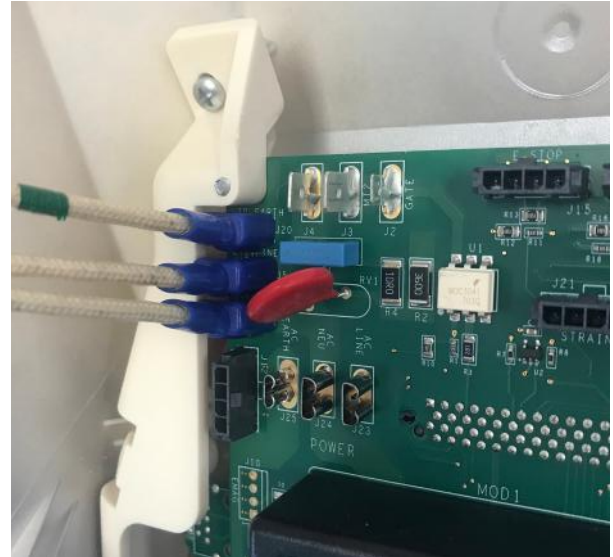
Unplug all Black & White wires from Power Switch as shown

Remove the Power Board

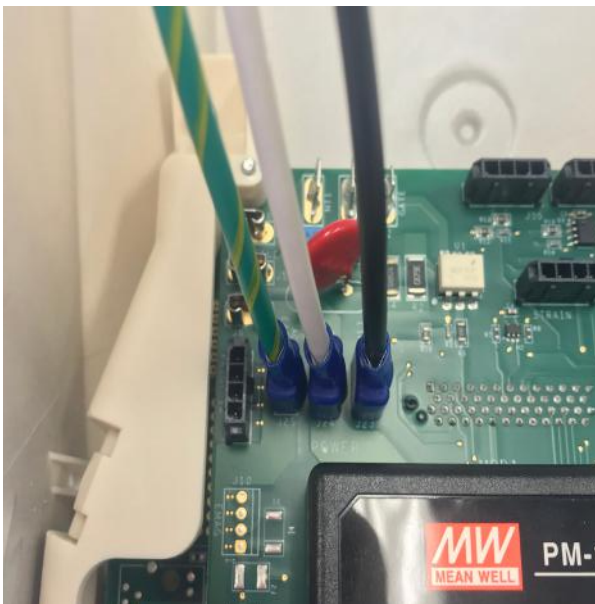
Unplug 3 Triac Wires Red, Black, & White Wires From the Controller.



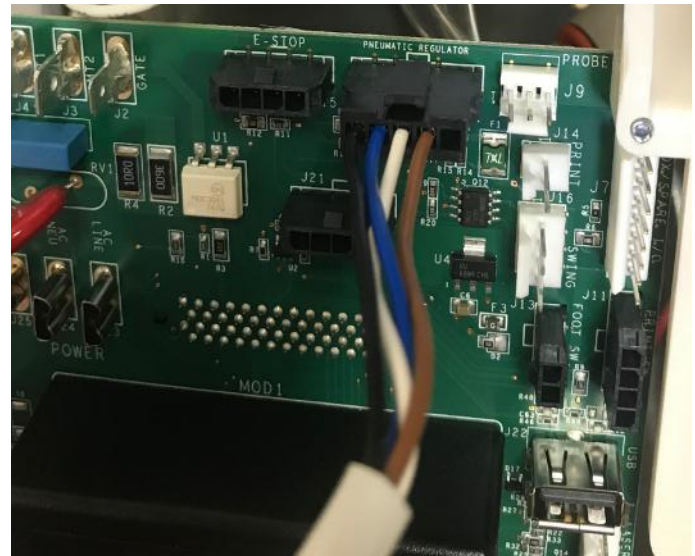
Unplug the 3 Braided Cloth Heater Wires from the controller.



Unplug the ground wire and the 2 wires from the On/Off Switch from the controller.



Unplug the EP Regulator Connector from the Controller depressing locking clip.

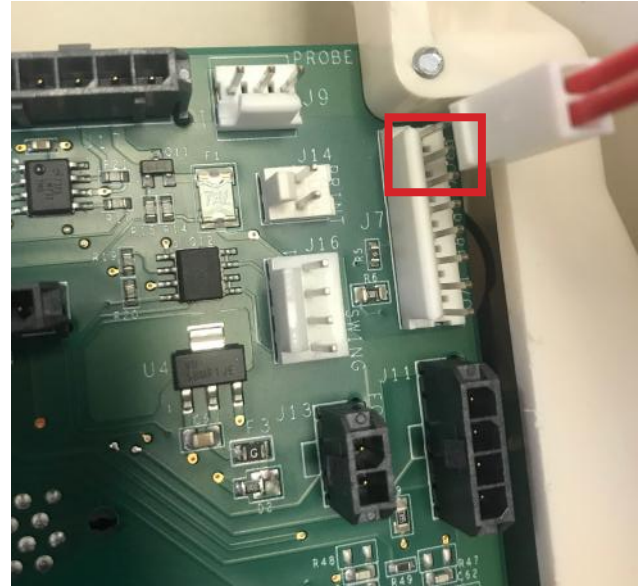


Note: When disconnecting the black connectors Squeeze the ends to release before removing them from the board to prevent breaking them.

Unplug the 3-pin Temperature Probe Connector from the Controller depressing locking clip.



Unplug the 2-pin Proximity Sensor Connector from the Controller depressing locking clip.



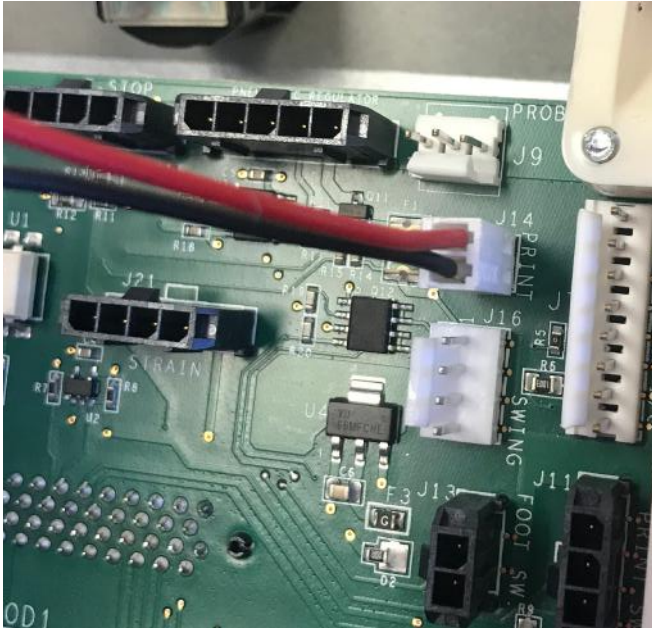
Unplug E-Stop Connector from the Controller depressing locking clip.



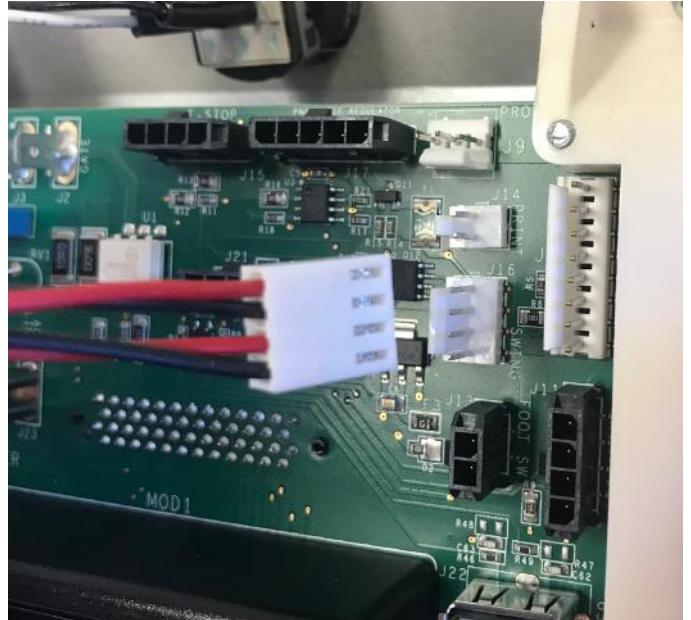
Unplug the foot pedal Connector from the Controller depressing locking clip.



Unplug the Print Valve Connector from the Controller depressing locking clip.



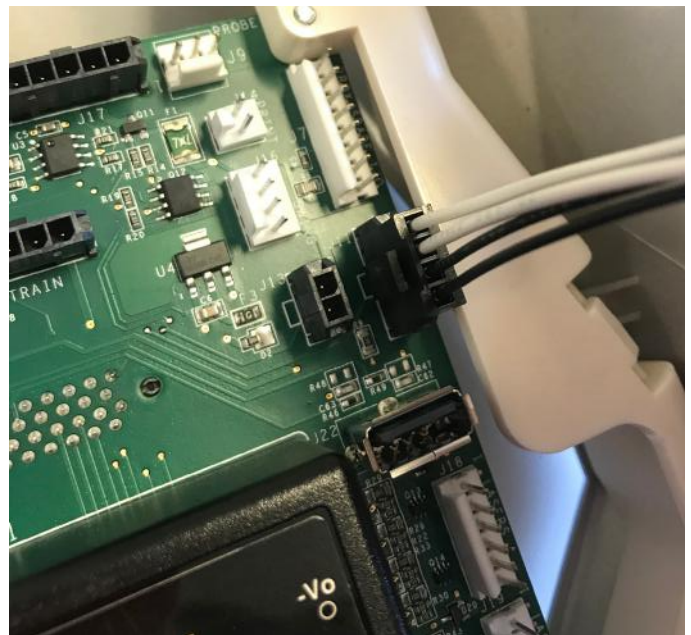
Unplug the Swing Valve Connector from the Controller depressing locking clip.



Unplug the Left Print Switch Connector from the Controller depressing locking clip.

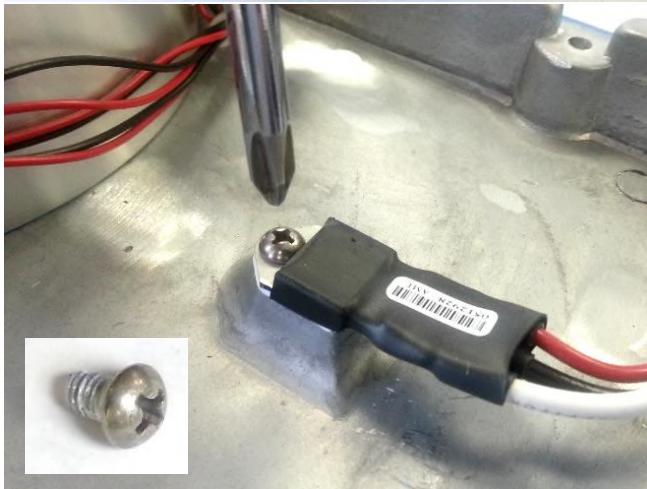


Unplug the Right Print Switch Connector from the Controller depressing locking clip.

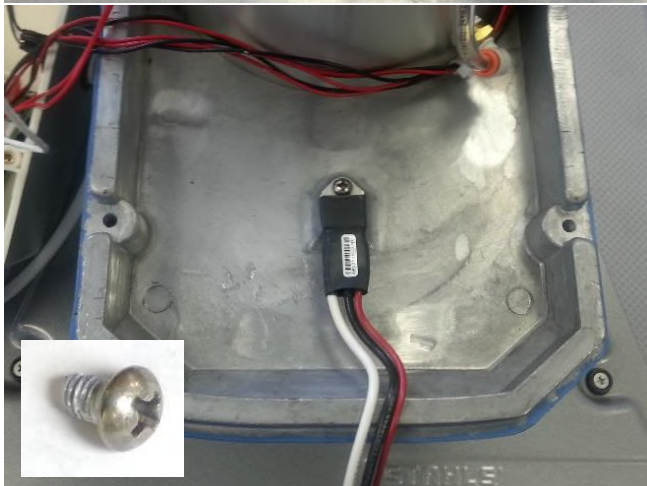




Remove Control Housing and set aside



Remove old TRIAC by unscrewing #6-32 x 1/4" Screw with #2 Phillips Screwdriver



Install new TRIAC as shown (noting orientation) by screwing in #6-32 x 1/4" Screw with #2 Phillips Screwdriver

Remove the 4 screws from the outside corners of the control board.



Remove the control board from the housing bracket.

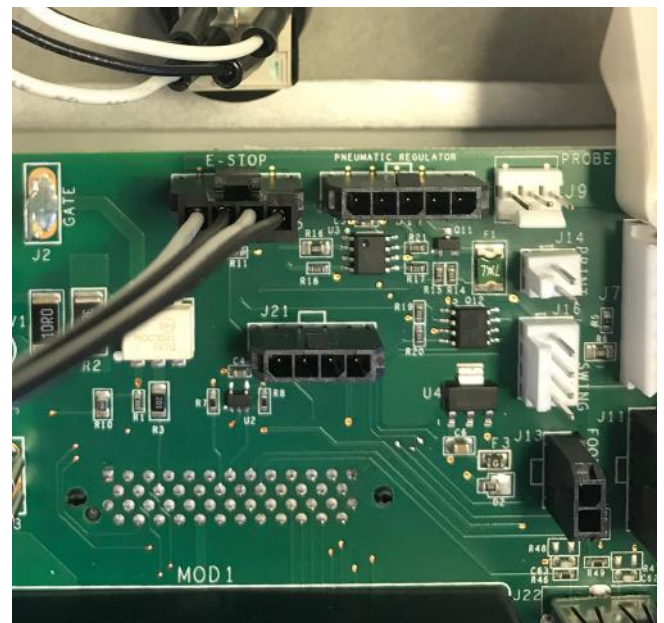


INSTALL THE NEW CONTROLL BOARD

Place the new control board in the housing bracket. and Install the 4 screws on the outside corners of the control board.



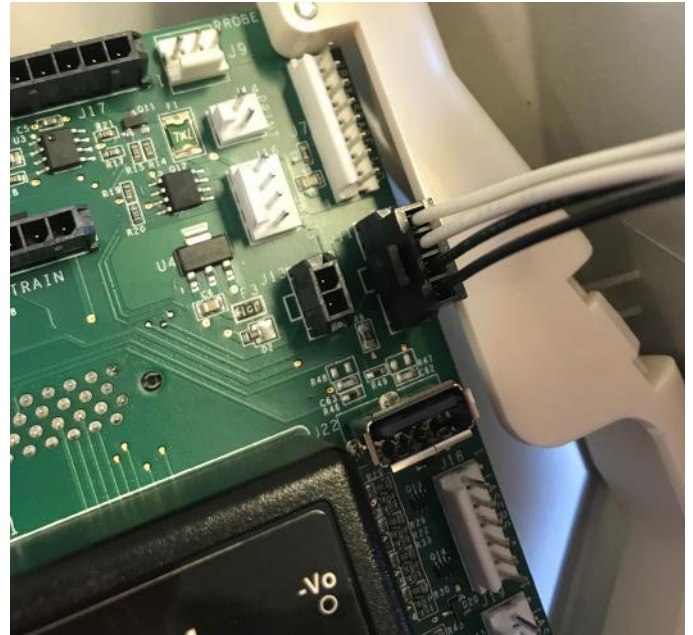
Unplug E-Stop Connector from the Controller depressing locking clip.



Reconnect the Left Print Switch Connector from the Controller depressing locking clip.



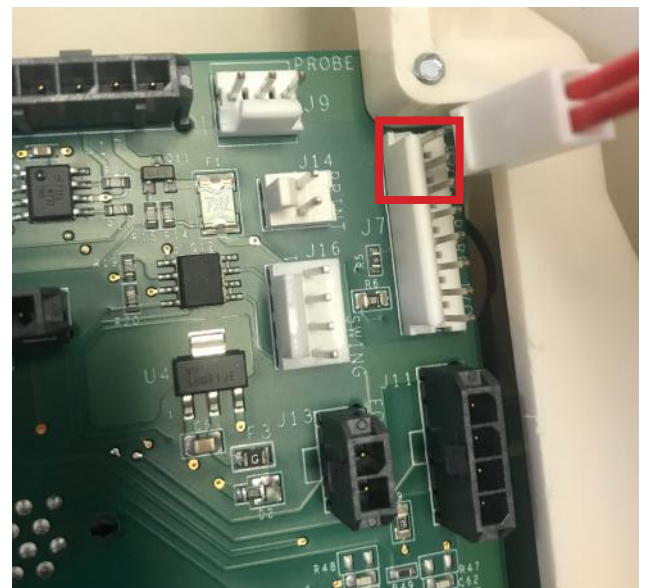
Reconnect the Right Print Switch Connector from the Controller depressing locking clip.



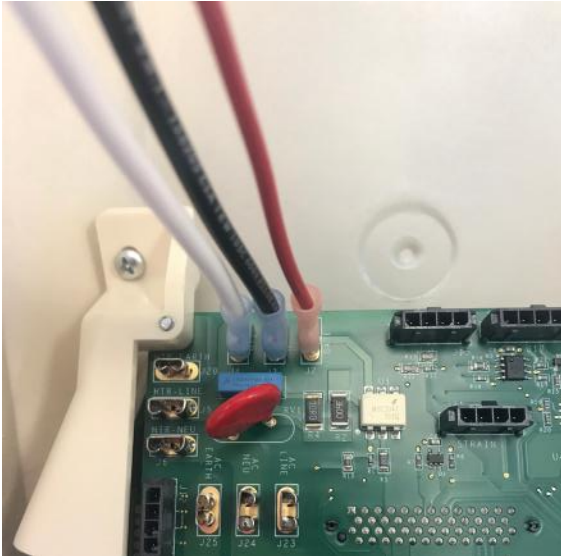
Reconnect the 3-pin Temperature Probe Connector to the depressing locking clip.



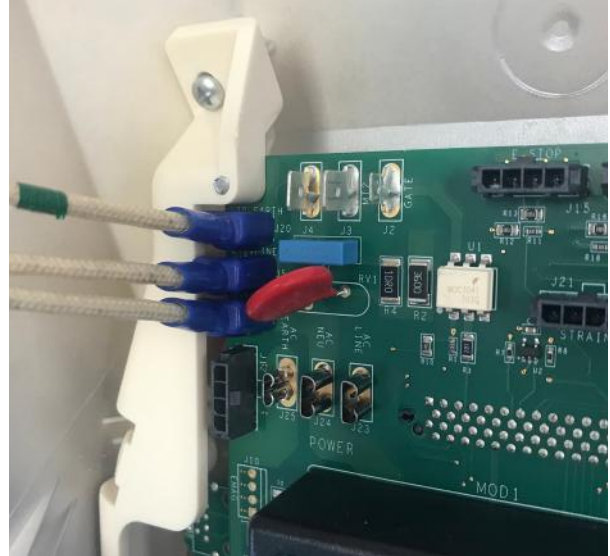
Reconnect the 2-pin Proximity Sensor to the top 2 wire pins on the depressing locking clip.



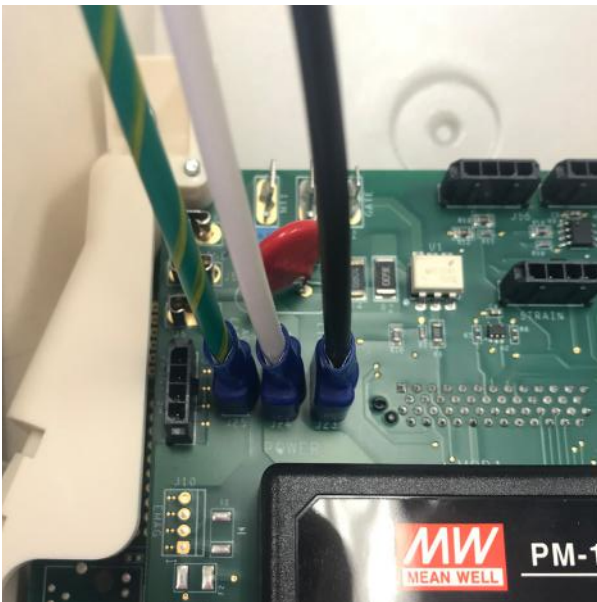
Reconnect the 3 Triac Wires Red, Black, & White Wires to the Controller.



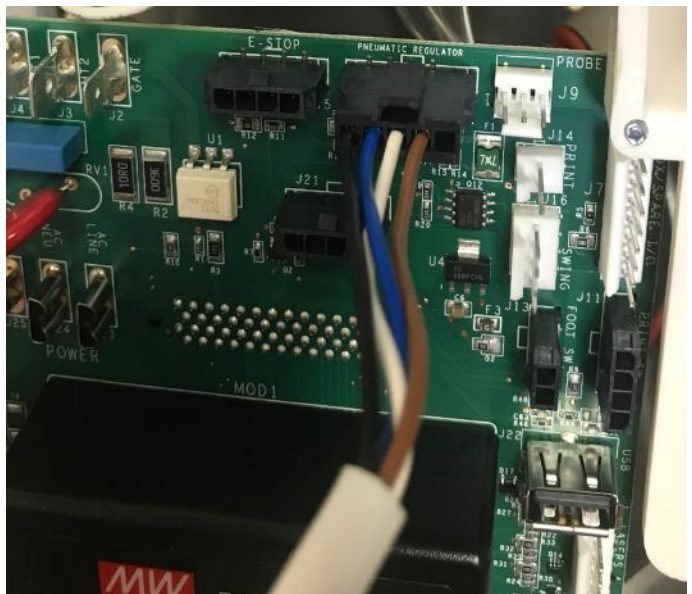
Reconnect the 3 Braided Cloth Heater Wires to the controller.



Reconnect the ground wire and the 2 wires from the On/Off Switch to the controller.



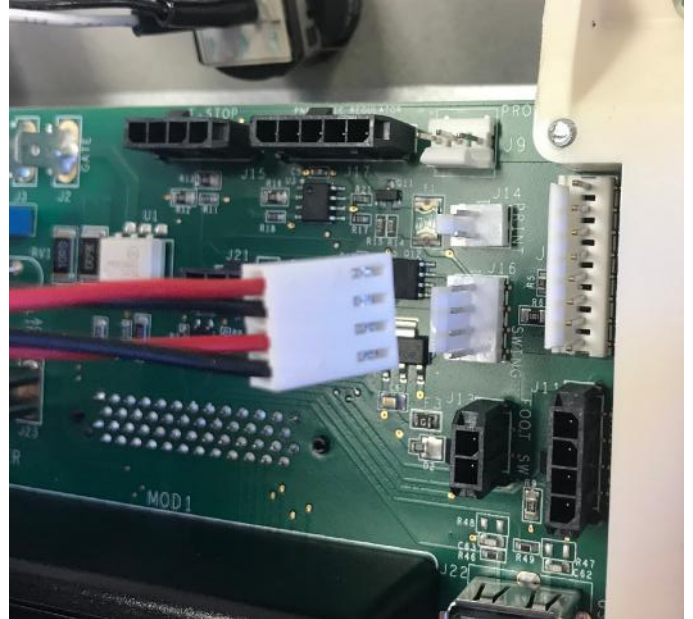
Reconnect the EP Regulator Connector from the Controller depressing locking clip.



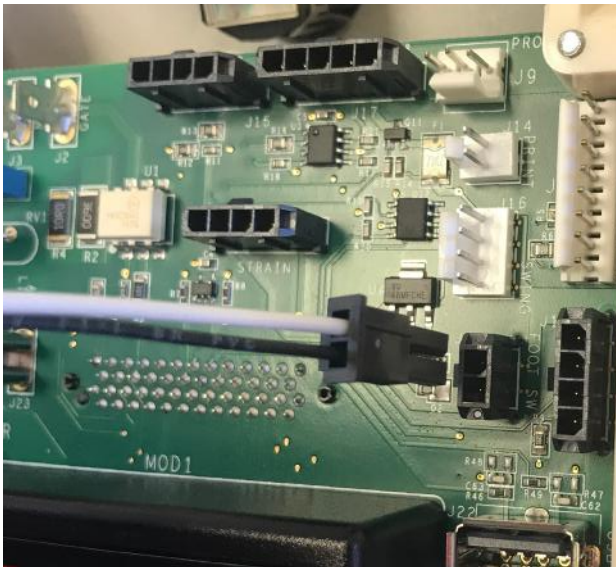
Reconnect the Print Valve Connector from the Controller depressing locking clip.



Reconnect the Swing Valve Connector from the Controller depressing locking clip.



Unplug the foot pedal Connector from the Controller depressing locking clip.



Plug White & Black wires from Controller into Power Switch on opposite sides of the divider as shown



Plug White & Black wires from Main Spindle into Power Switch on opposite sides of the divider as shown

Install the Touch Screen Controller



Reconnect the Touch screen controller.



Press the two latch points with your thumb until a click is heard; if the controller bezel does not sit flush with the housing it is not latched.

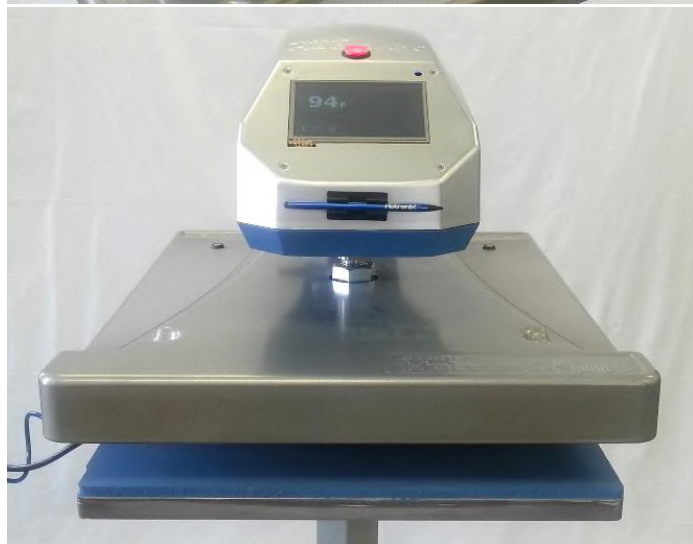


Plug in and turn on heat press to verify function and calibrate the press.



Replace Housing onto press and screw in three #8-32 x 3/4" Screws using Short #2 Phillips Screwdriver

NOTE: Take care not to pinch any wires between Housing and Upper Casting



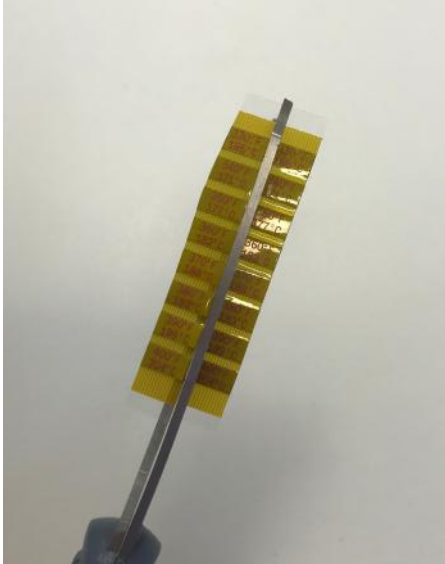
Plug in press and turn ON

Calibrate The Temperature

Set the Press temperature to 350 Degrees

When the press is at 350 degrees us the provided Temperature strips to check the actual temperature.

Cut the Provided strips into
2 sections



Use 1 of the 2 strips



Place the strip in the center of your
platen and press for 10 seconds at
Medium pressure.



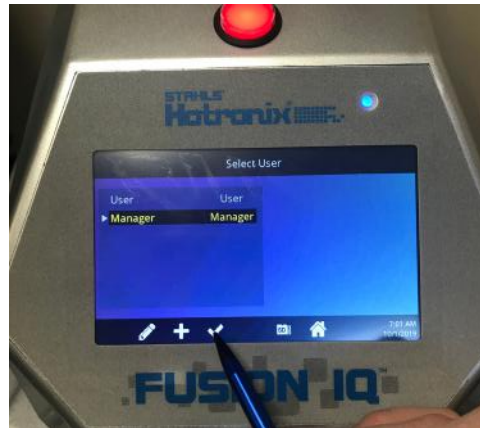
The temperature strip will darken
on the bar indicating the actual
temperature your press is heated to.



To Calibrate the temperature.

If the temperature of the press is different than you have it set for follow these steps to calibrate your temperature.

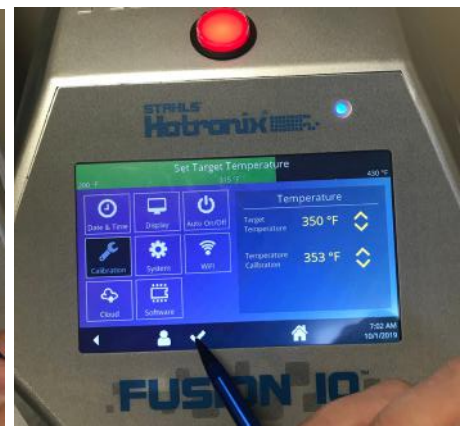
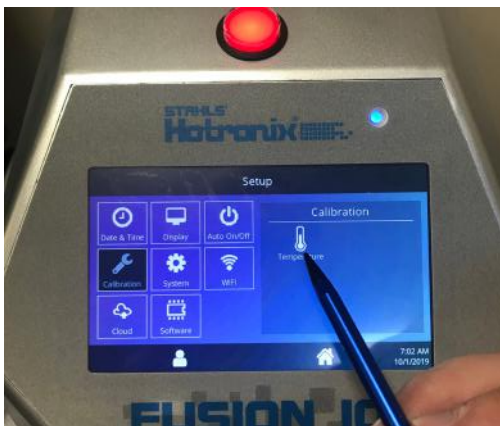
You will need to be in the manager setting to access the calibration menu. Select the person icon choose manager and enter the password. (M) Then select the gear icon and choose calibration.



1. Choose Temperature Calibration

2. Adjust the Calibration Temperature to the actual temperature on the test strip.

3. After setting the calibration temperature tap the check to save the calibration.



Return to the main menu while the temperature adjusts and test again at 350 degrees to confirm the calibration was successful.