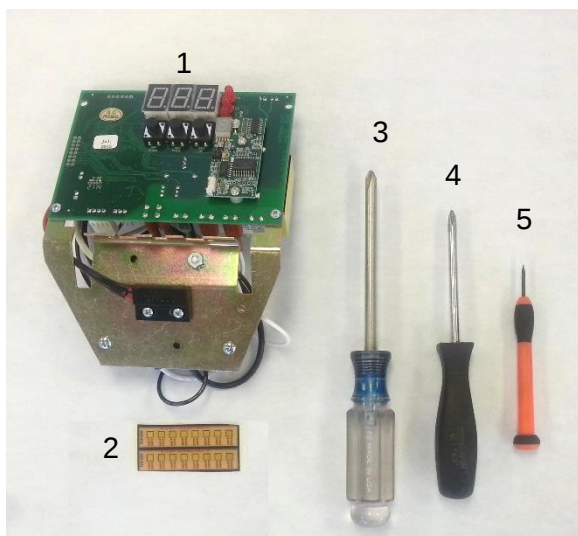




Included Parts:

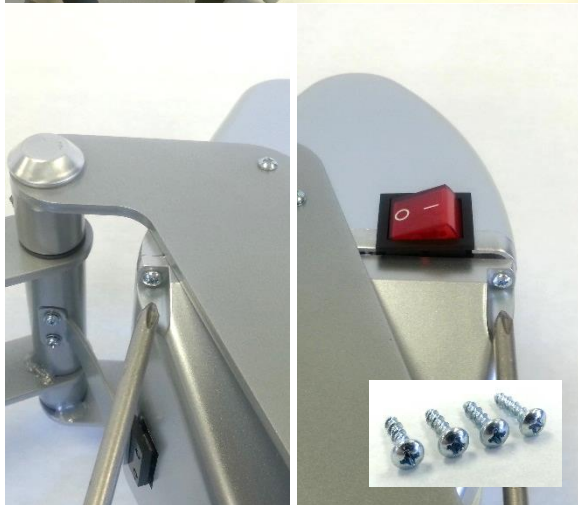
1. Controller Assembly
 - P/N 1-2129 for STX models
 - P/N 1-2017 for MAXX models
2. Temperature Strips

Required Tools:

3. #2 Phillips Screwdriver
4. #1 Phillips Screwdriver
5. 2mm Precision Flathead Screwdriver



CAUTION: Detach power cord before proceeding



Remove 4x #6 x 1/2" Screws from control housing using #2 Phillips Screwdriver

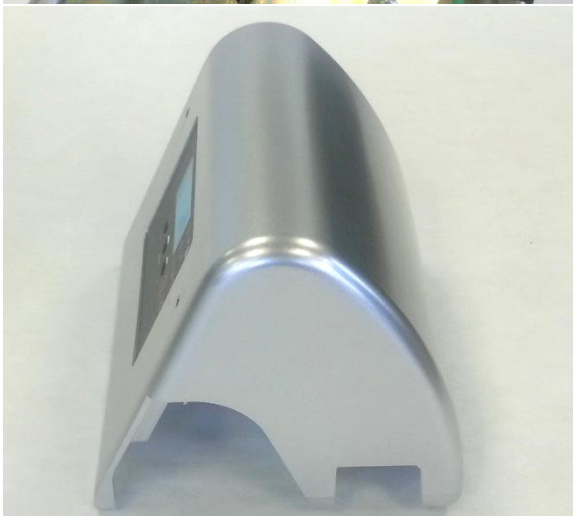


Remove 2x #4-40 x 1" Screws from Controller Housing using #1 Phillips Screwdriver

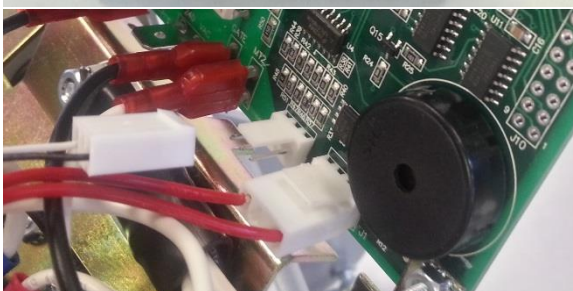
NOTE: #4-40 Nuts on back side can be removed without a wrench due to integral toothed lock-washer



Lift off top half of Controller Housing and remove 2x #6 x 1/2" Screws from Controller Bracket using #2 Phillips Screwdriver



Fully remove top half of Controller Housing and set aside



Unplug Temperature Probe from Controller port P4 (newer models) or J2 (older models)



Unplug earth ground wire from Controller port J11 (newer models) or "Earth" (older models)



Unplug Electromagnet from Controller:

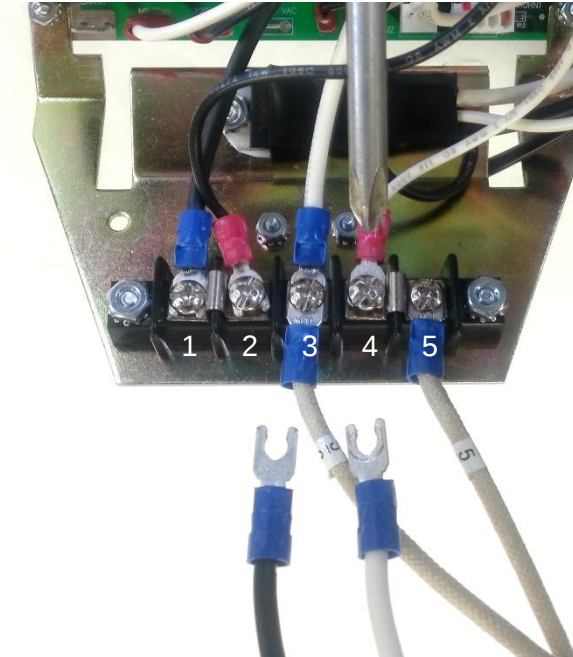
- Auto Open Electromagnet from port P2 (newer models) or EM1 (older models)
- Hover Electromagnet (if equipped) from Controller port P1 (newer models) or EM2 (older models)

NOTE: STX models only

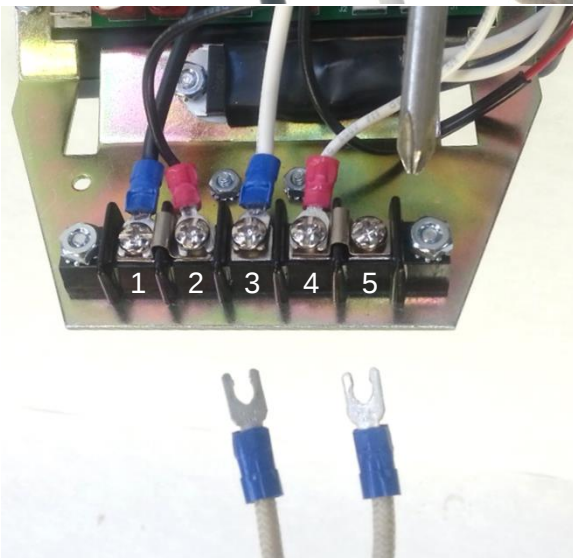


Unplug Strain Gauge from Controller

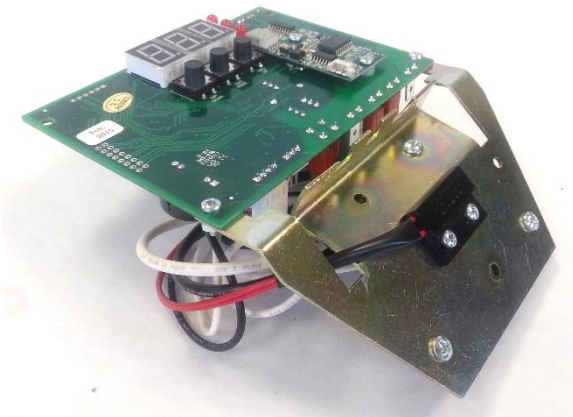
NOTE: STX models only



Unscrew and disconnect black & white wires from terminal strip positions 2 & 4 as shown using #2 Phillips Screwdriver to disconnect Power Switch

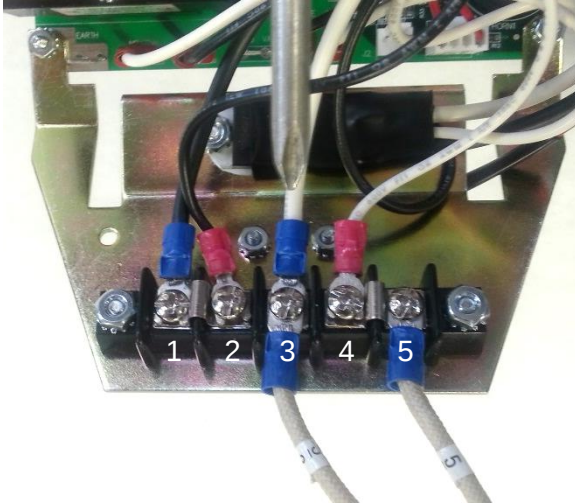


Unscrew and disconnect braided cloth (high temperature) wires from terminal strip positions 3 & 5 as shown

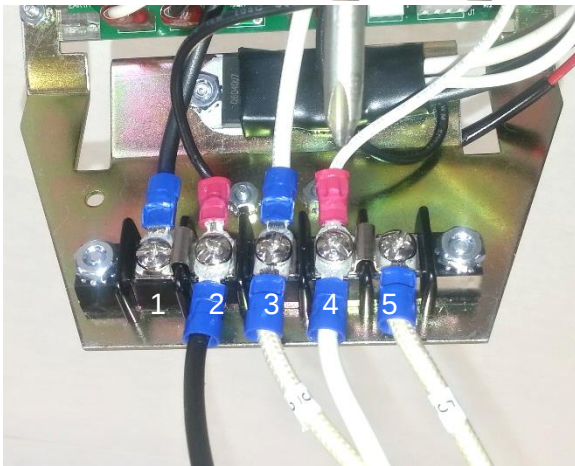


Remove old Controller and discard

NOTE: Please comply with your local electronics disposal laws



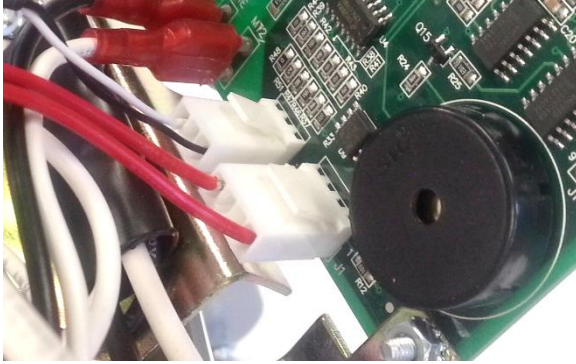
Connect braided cloth (high temperature) wires to new Controller at terminal strip positions 3 & 5 as shown and tighten screws with #2 Phillips Screwdriver



Connect black & white Power Switch wires to terminal strip positions 2 & 4 as shown and tighten using #2 Phillips Screwdriver



Plug earth ground wire into Controller port J11 (newer models) or "Earth" (older models)



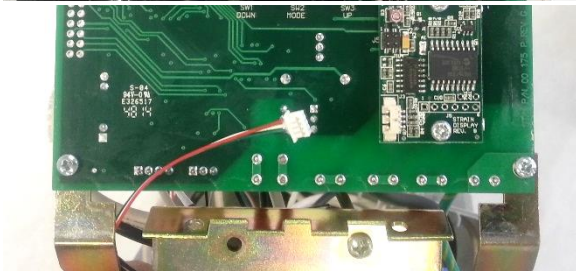
Plug in Temperature Probe to Controller port P4 (newer models) or J2 (older models)



Plug in Electromagnet wires to Controller:

- Auto Open Electromagnet to port P2 (newer models) or EM1 (older models)
- Hover Electromagnet (if equipped) to Controller port P1 (newer models) or EM2 (older models)

NOTE: STX models only



Thread Strain Gauge wire through gap between Controller and bracket

NOTE: older STX models only

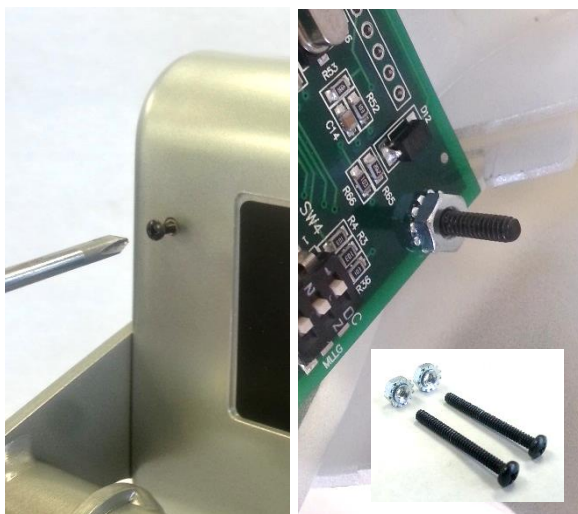


Plug in Strain Gauge to Controller

NOTE: STX models only



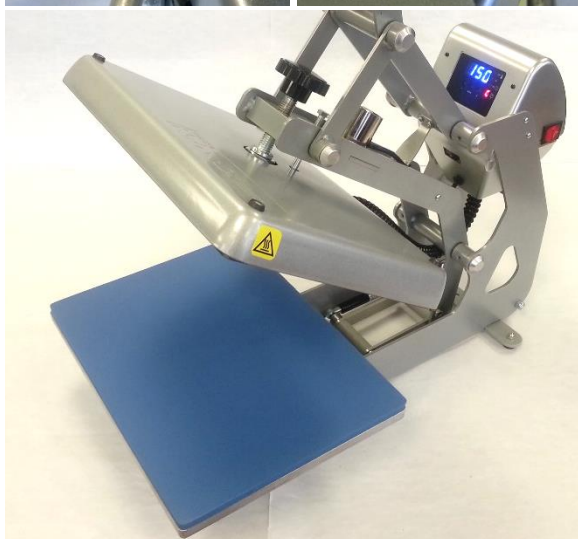
Attach new Controller to top half of Controller Housing by screwing in 2x #6 x 1/2" Screws using #2 Phillips Screwdriver



Install 2x #4-40 x 1" Screws and Nuts with Lock Washer using #1 Phillips Screwdriver to secure new Controller to top half of Controller Housing



Install top half of Controller Housing and secure by screwing in 4x #6 x 1/2" Screws using #2 Phillips Screwdriver



Plug in press and turn ON to verify proper operation



Set temperature to 350°F/177°C and allow press to heat up

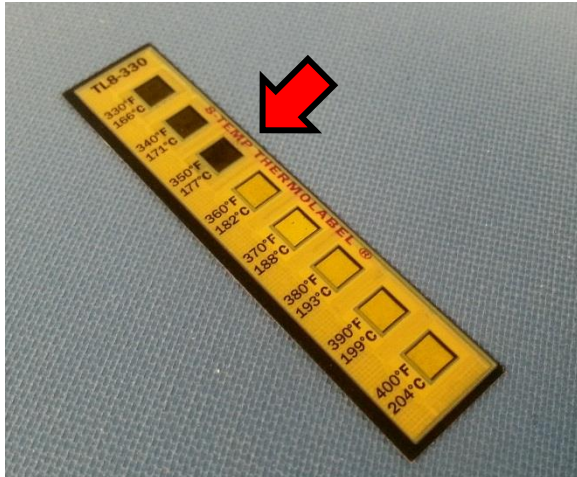
NOTE: this may take up to 20 minutes



Place temperature strip on center of silicone pad with numbers facing up



Once press reaches 350°F/177°C, lower handle to print directly onto temperature strip



Note reading on last temperature strip square which is completely black – this is the temperature of the heater platen.



If temperature strip reading matches display, skip next 3 steps



If temperature strip reading does not match display:

- Turn press OFF
- Press and hold (+) and (-) buttons
- Turn press ON
- When press powers up, release (+) and (-) buttons

NOTE: If press displays "C" or "F," press center MODE button once to advance to temperature calibration

NOTE: Display should read 350, 177 or similar (temperature)



Adjust display reading using (+) and (-) buttons to match temperature strip reading

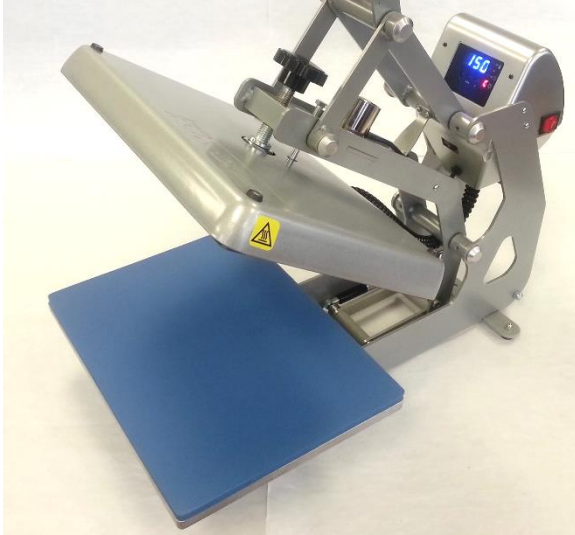


Press center (MODE) button repeatedly (4 times) until LED indicator lights at right are all off



Turn press OFF

NOTE: STX and MAXX model presses are now fully calibrated



NOTE: STX model presses are now fully calibrated