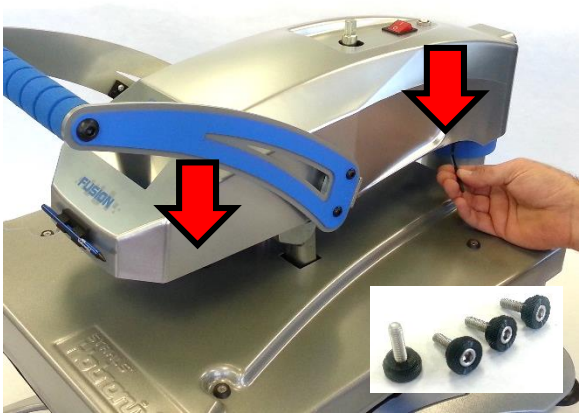
- **Phillips screw driver**
- **Pliers**
- **Scissors**
- **Allen Wrench set**
- **Paper Clip**
- **Zip ties**
- **Wire Crimpers**

Note: Have an extra set of hands to support heater weight.

MAKE SURE TO UNPLUG THE POWER CORD FROM THE MACHINE BEFORE STARTING

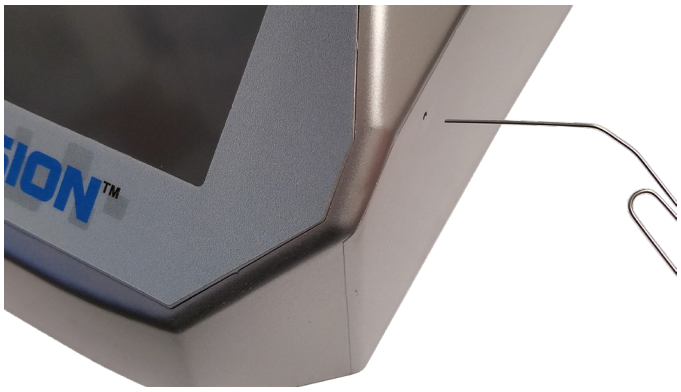
Lower heater but do not lock into place, such that it rests gently on lower platen.

Loosen set screw in shaft of pressure adjustment knob and remove knob using a 1/8th allen wrench.



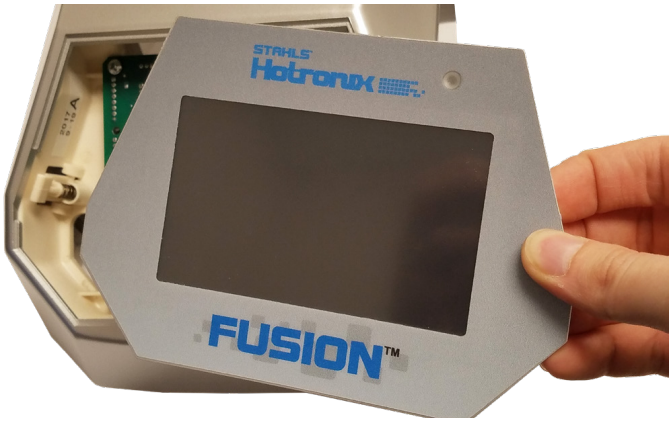
Remove 4 #8-32 x ½” Thumb Screws (right 2 shown) from underside of control housing using 9/32” Allen Wrench.

Remove the Touch Screen Controller

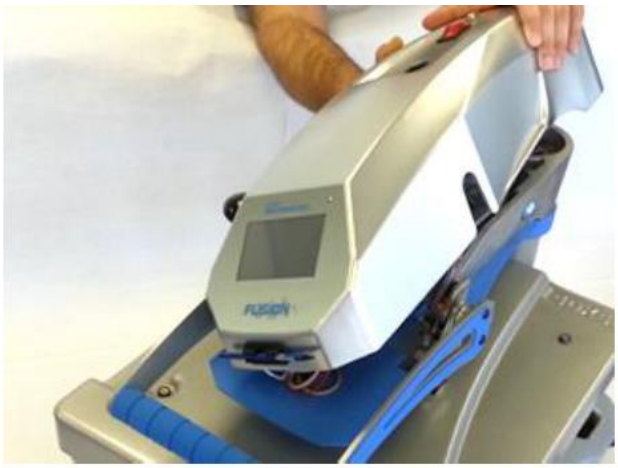


Insert the Paper Clip into the small hole on either side of the housing.

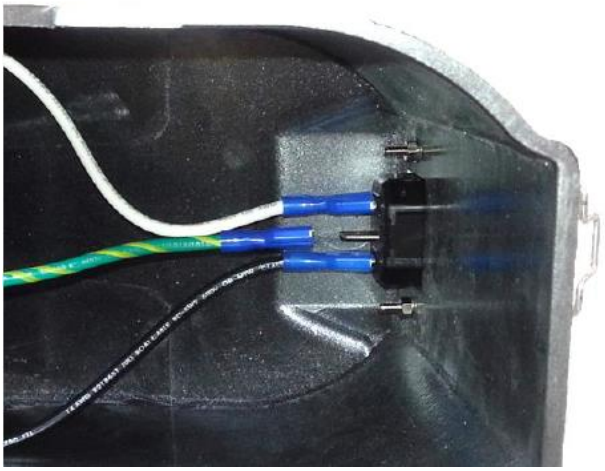
Repeat the process on the other side of the housing.



Remove the face board and set safely to the side.



Lift off control housing and lay it gently on left side of press

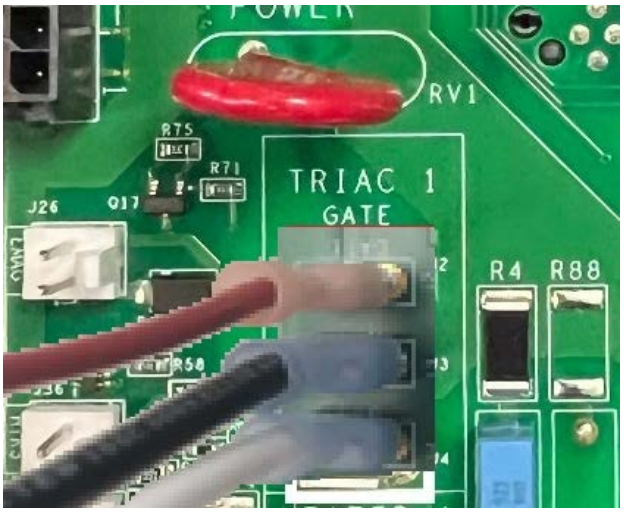


Unplug ground wire (green with yellow stripe) from IEC inlet at rear of housing

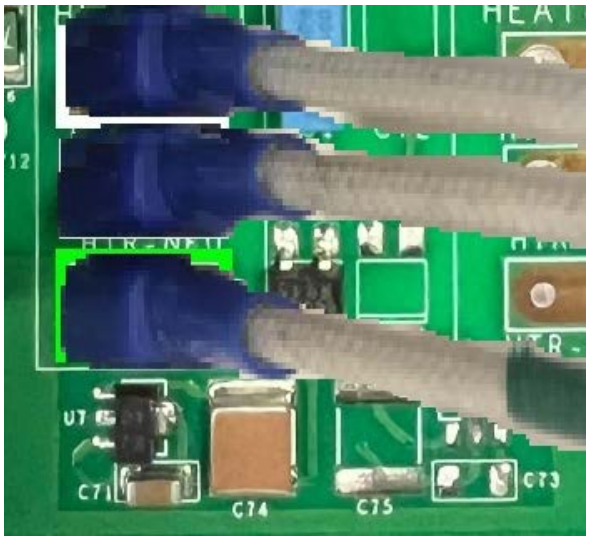
Unplug Black & White wires from Power Switch as shown to disconnect from Controller

Disconnect the Power Board

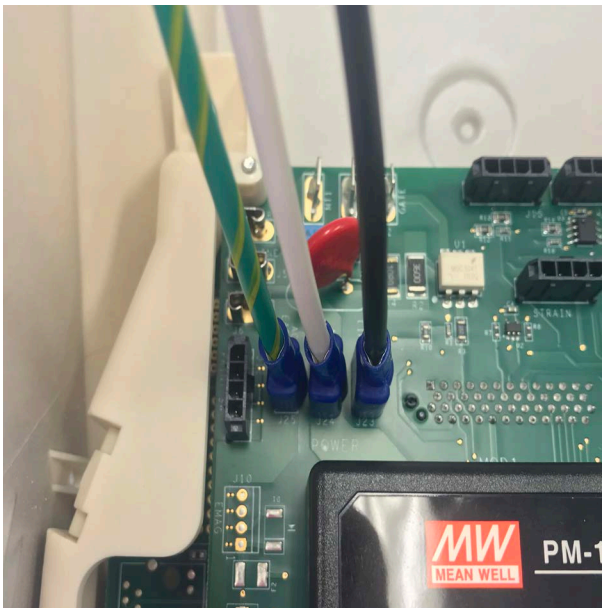
Unplug 3 Triac Wires Red, Black, & White Wires From the Controller.



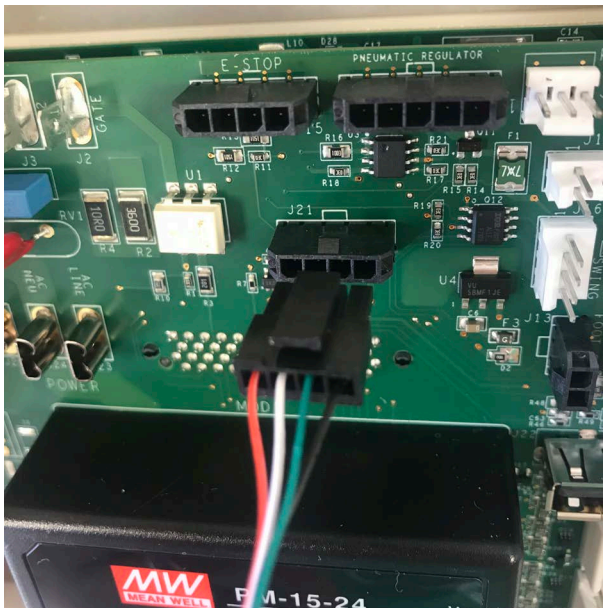
Unplug the 3 Braided Cloth Heater Wires from the controller.



Unplug the ground wire and the 2 wires from the on/off switch from the controller. Depicted image features older power board.

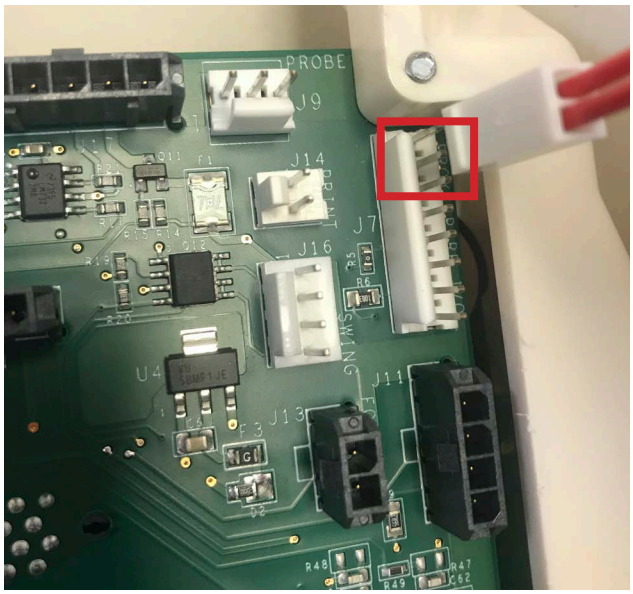


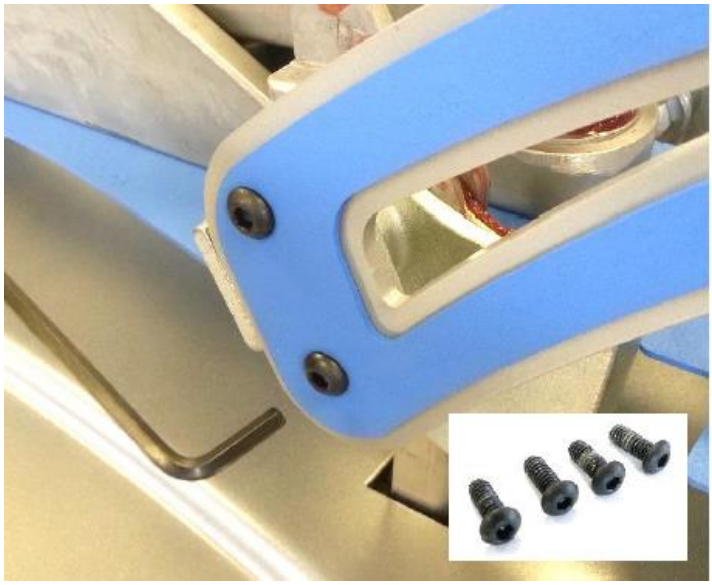
Unplug the 4-pin Strain Gauge Connector from the Controller depressing locking clip.



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

Disconnect the 2-pin Proximity Sensor from the top 2 wire pins using the depressing locking clip.



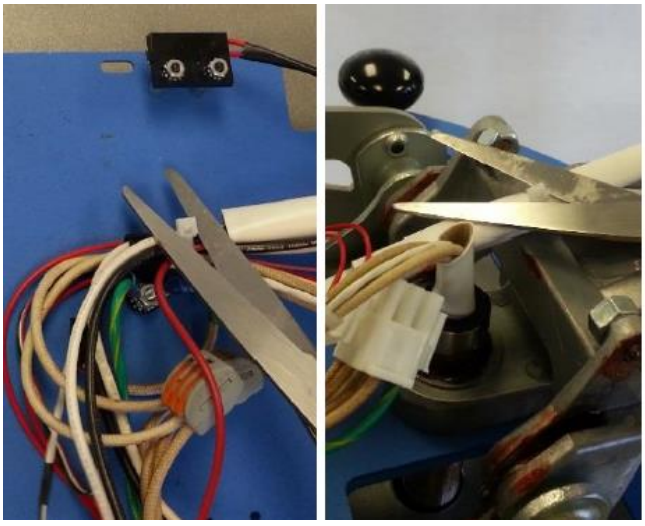


Remove handles by unscrewing 4x ¼"-20 x ½" bolts from handles using 5/32" Allen Wrench

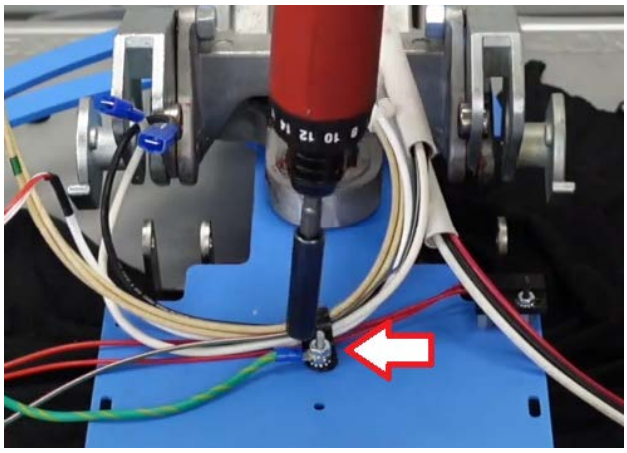
NOTE: Avoid dropping handles to prevent damage to painted surfaces below

Remove shoulder bolts using 3/16" Allen Wrench and ½" Combination Wrench

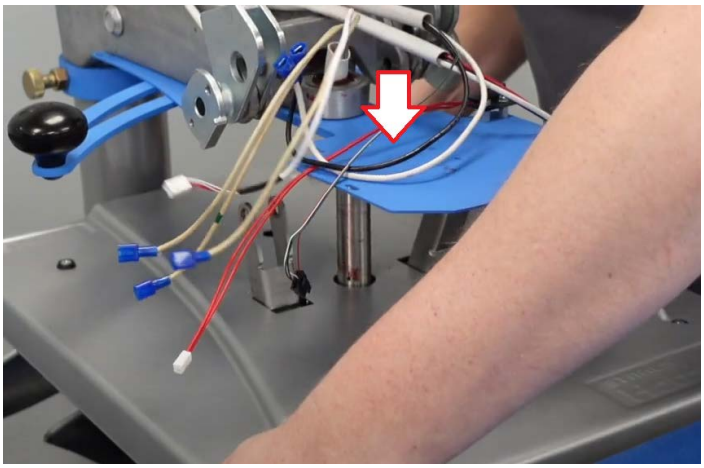
Group Shoulder Bolt hardware together to avoid re-assembly issues, noting order



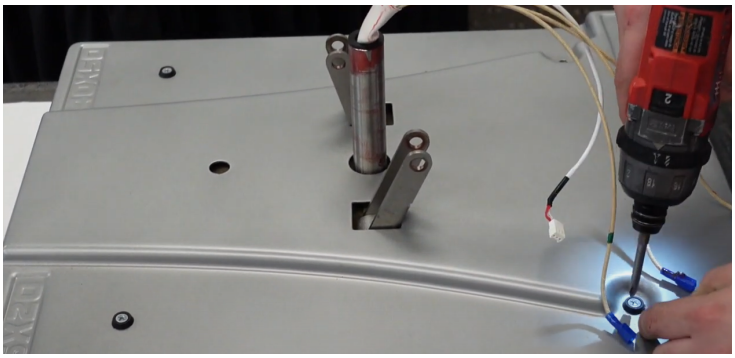
Cut zip ties holding TRIAC wires using scissors or wire cutters, careful not to damage press wiring



Remove ground wire and cable clip.



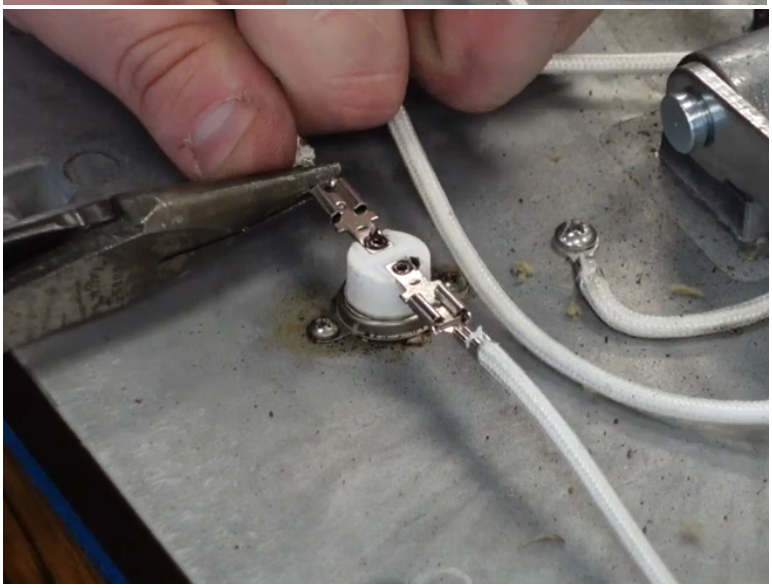
Pull out the lower platen, and begin dropping the heater. Rest heater on plate after fully dropping.



Remove the four phillips screws on heater cover.

Remove the heater cover and insulation.

Remove the shrink wrap from the thermostat disc if present.



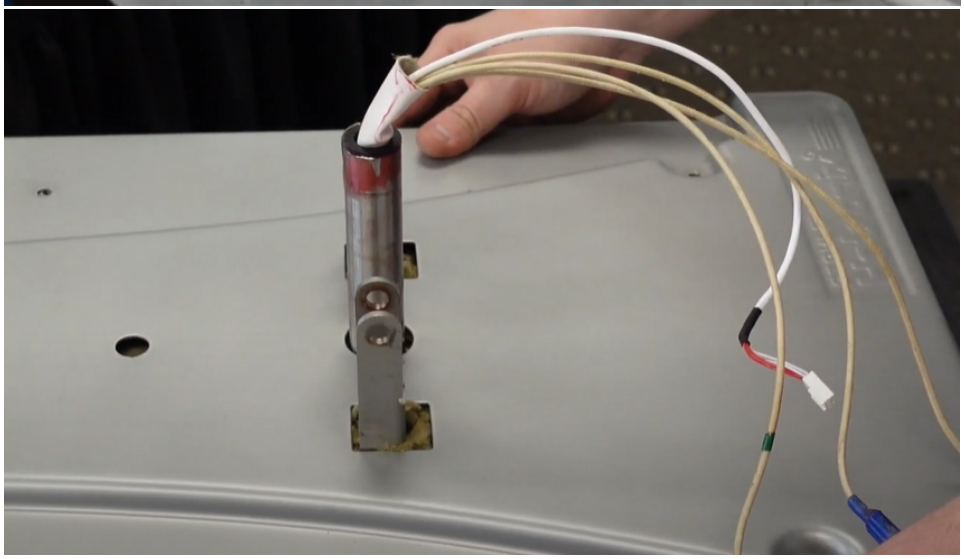
Disconnect the heater wires from the thermostat disc.

Remove screws to detach the thermostat disc.

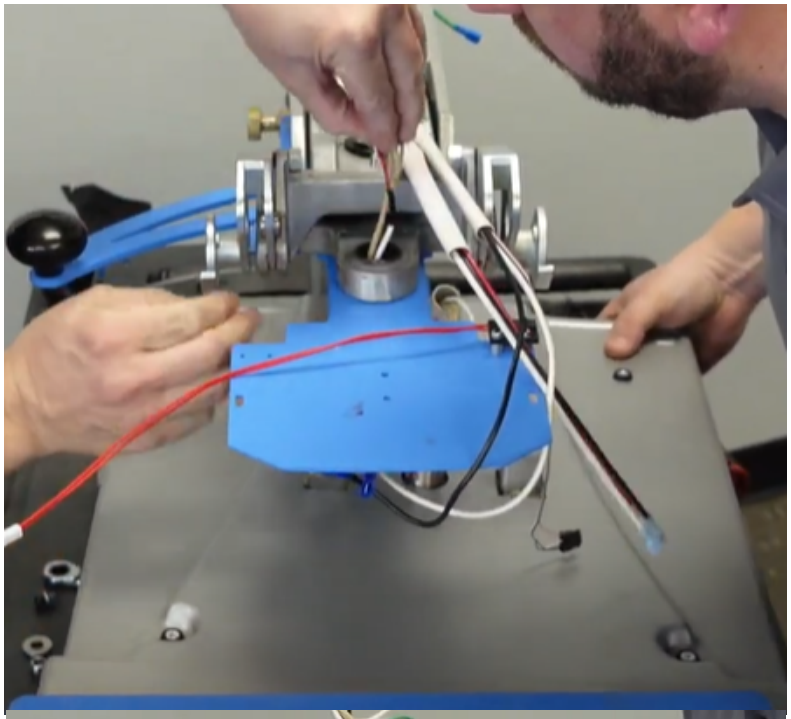
Inspect wires and replace connectors if damaged. Start by cutting off the damaged connector.

Strip and crimp the new connector for each wire.

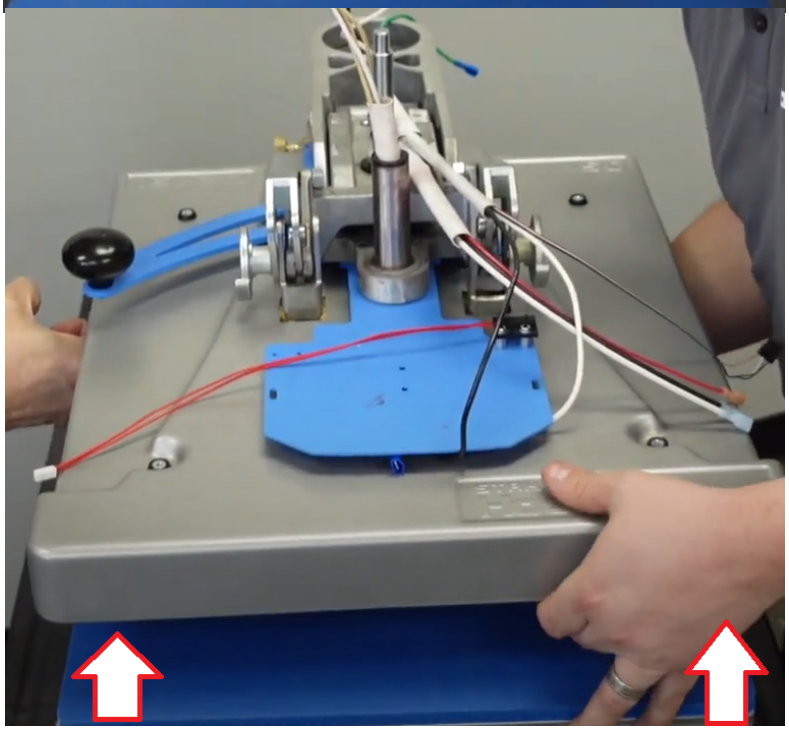
Reattach the thermostat disc, and connect new wire connectors to disc with shrink tube.



Replace the wool insulation and heater cover.Screw in the cover screws.

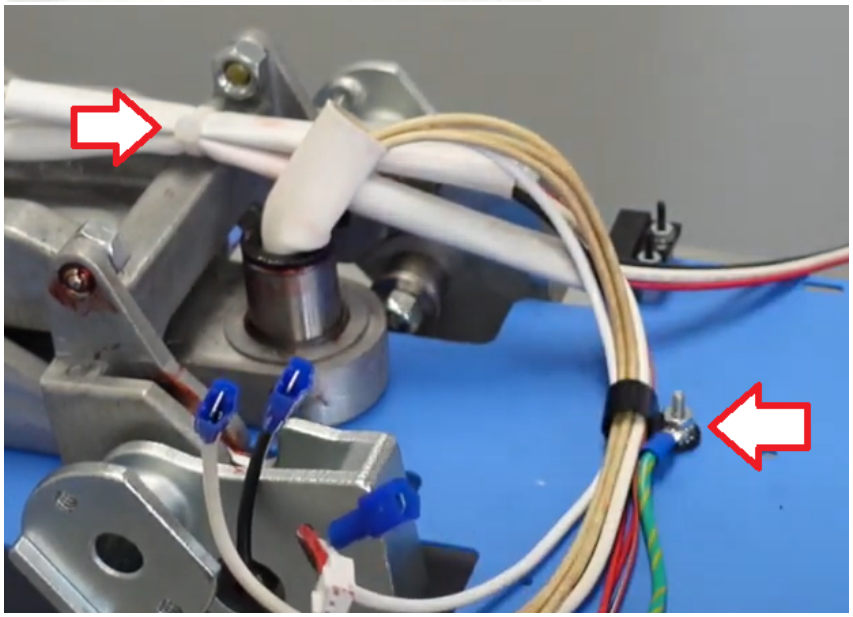


Support the weight of the heater while the other pull the heater wires through guide tube bushing. Insert guide tube through bushing.

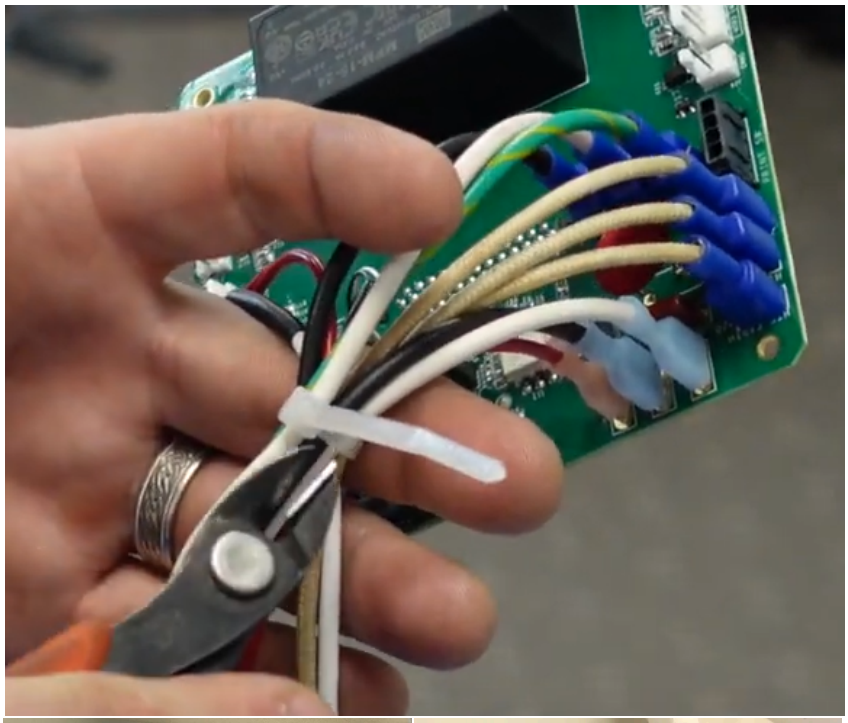


Slide the lower platen under the heater to support the weight of the heater.

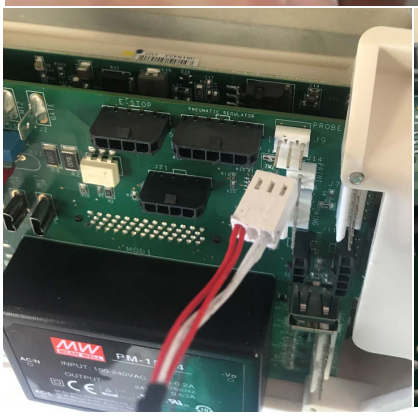
Reattach lift links. Take note of the shoulder bolt hardware order to ensure correct reassembly.

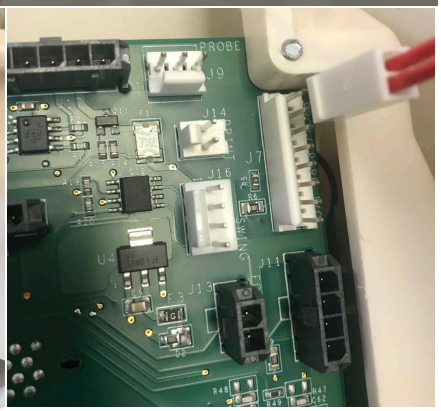


Zip tie wires and reattach the front cable clip and ground wire.

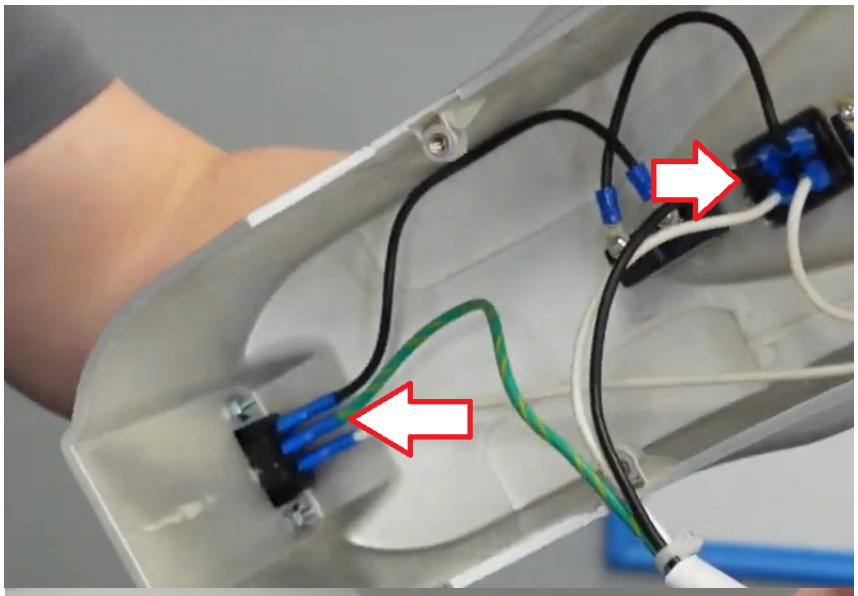


Reattach the wires to the power board and zip tie for wire management.





Wire connection for the probe and proxy.

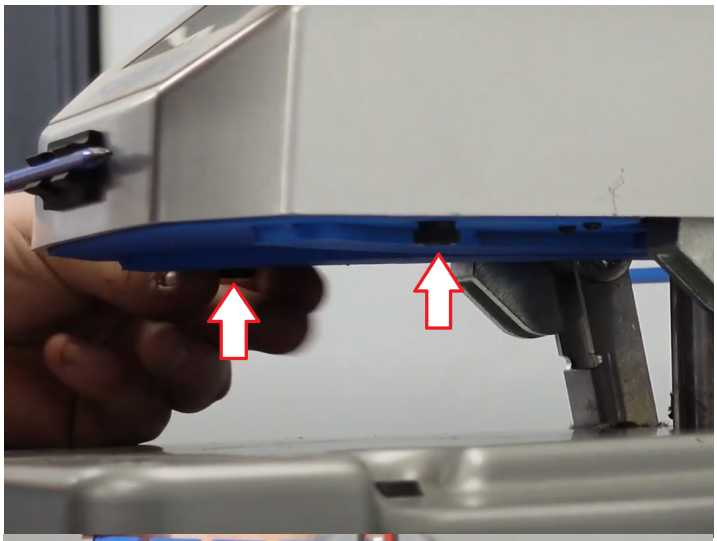


Reattach the inlet ground wire and power switch wires.

Reattach the power board to the Fusion Cover using the four phillip screws.

Insert face board into the housing.

Reattach Fusion Cover, starting from the back and gently flaring the base of the cover.



Reattach the four #8-32 x 1/2" Thumb Screws to underside of housing.

Reattach handle by screwing the four 1/4"-20 x 1/2" bolts using 5/32" Allen Wrench.

Reattach the pressure knob by tightening the set screw in shaft of pressure adjustment knob using 1/8th Allen Wrench.