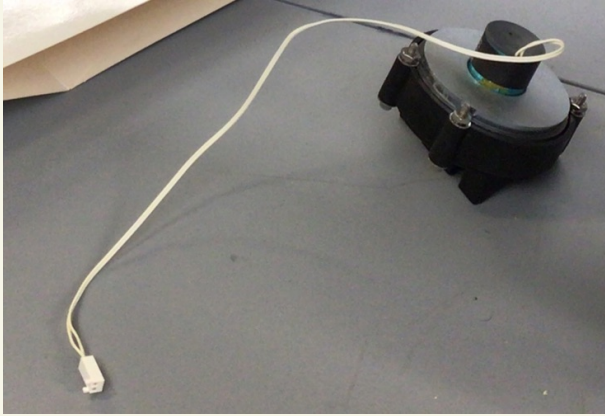
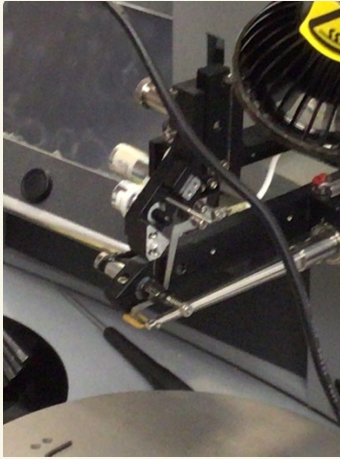


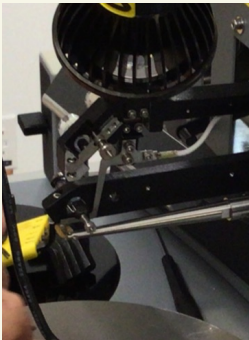
1. clean coil and magnet



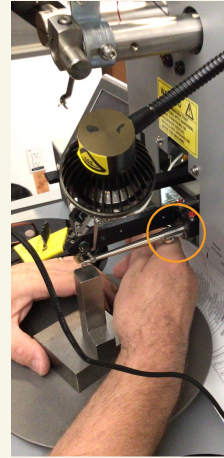
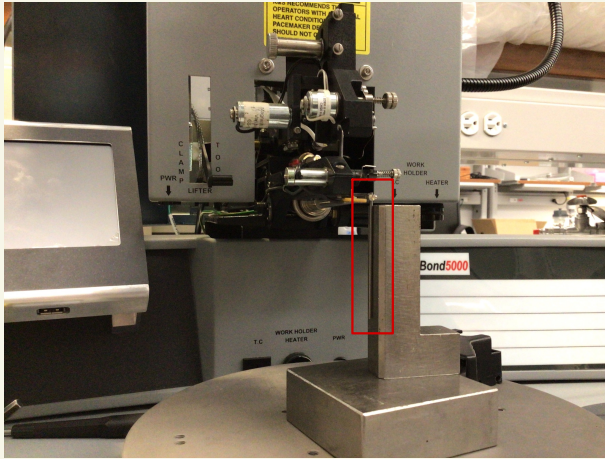
2. Use IPA and Qtip to clean clamp



3. Use Qtip and IPA clean all track of Gold (Au) wire



4. calibrate capillary vertically to the substrate



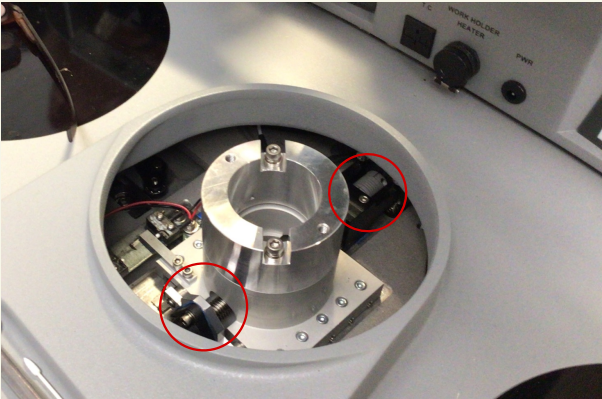
5. calibrate the force to lift the arm

20 g static force



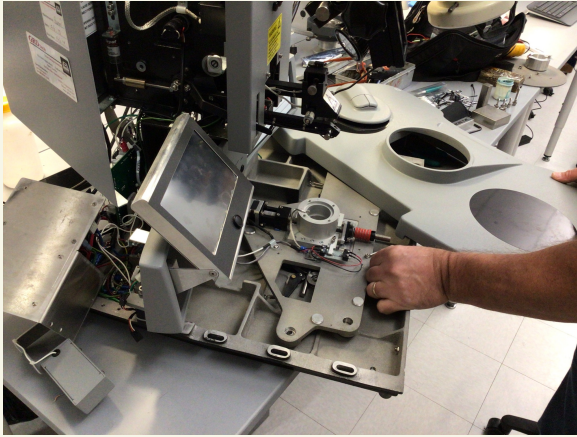
25 μ m Au wire

6. clean the substrate. check the motor

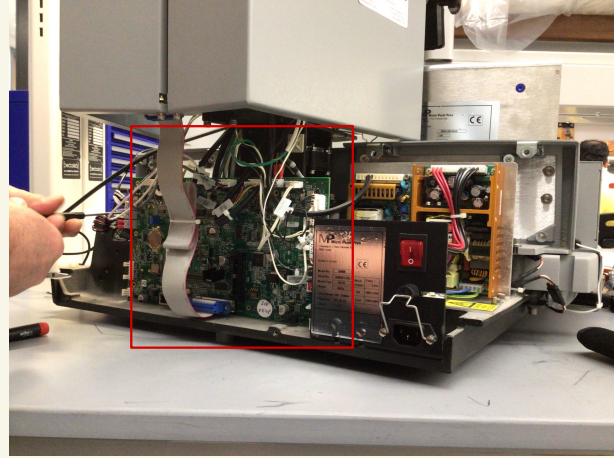
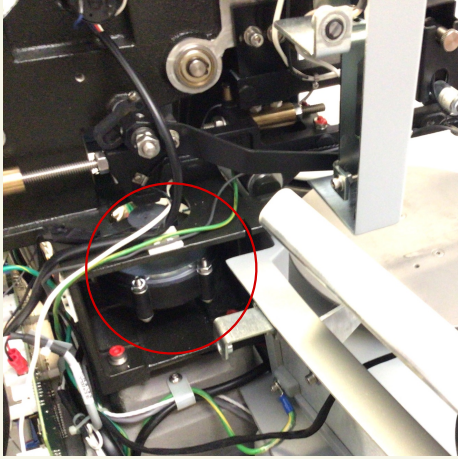


And then Lubricate the track of the step motor

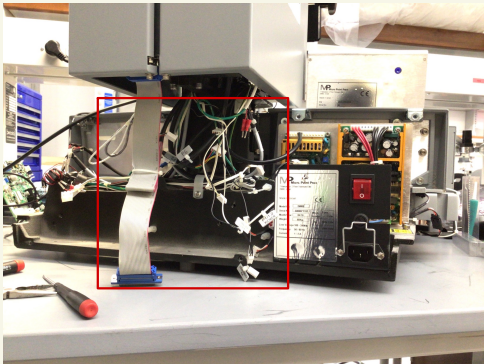
7. fix the substrate and make it steady



8. assemble the parts back



↑ backside view
The motherboard will be replaced.



← The motherboard is removed.