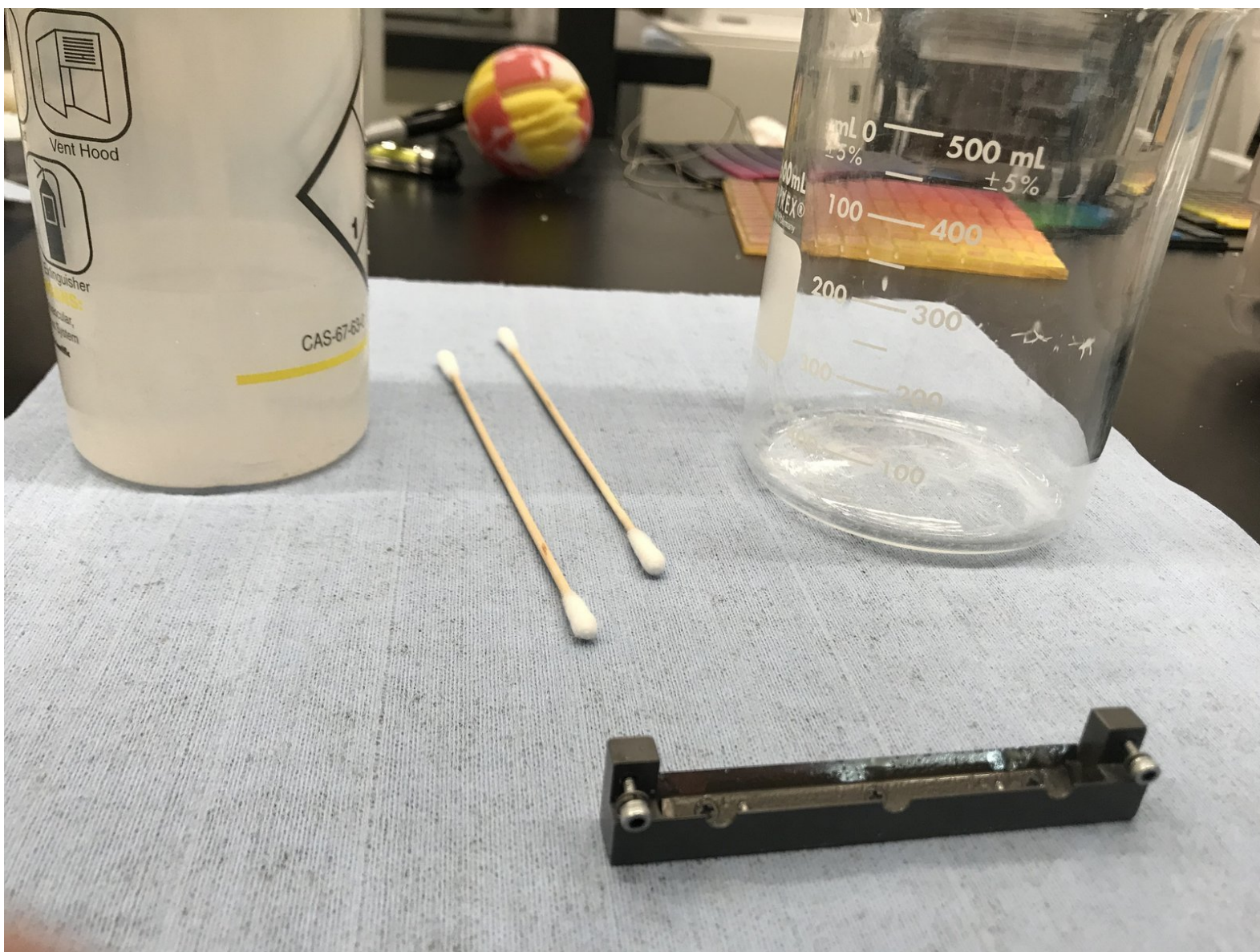




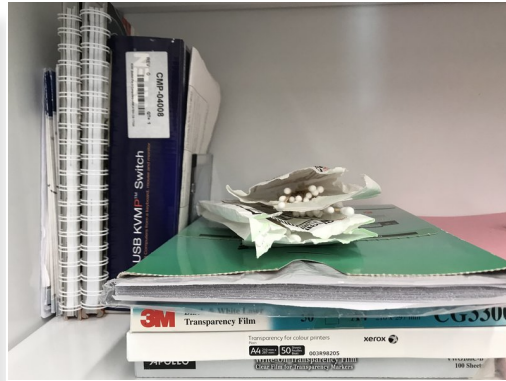
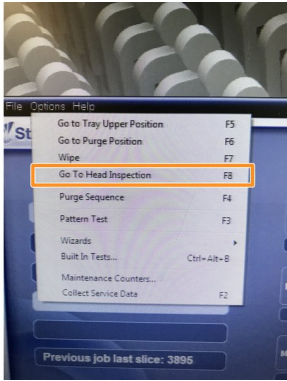
Connex: Roller Bath Cleaning/Inspection

How to disassemble the UV lamp to clean the roller bath.

Written By: Erik Hung



Step 1 — Head Inspection



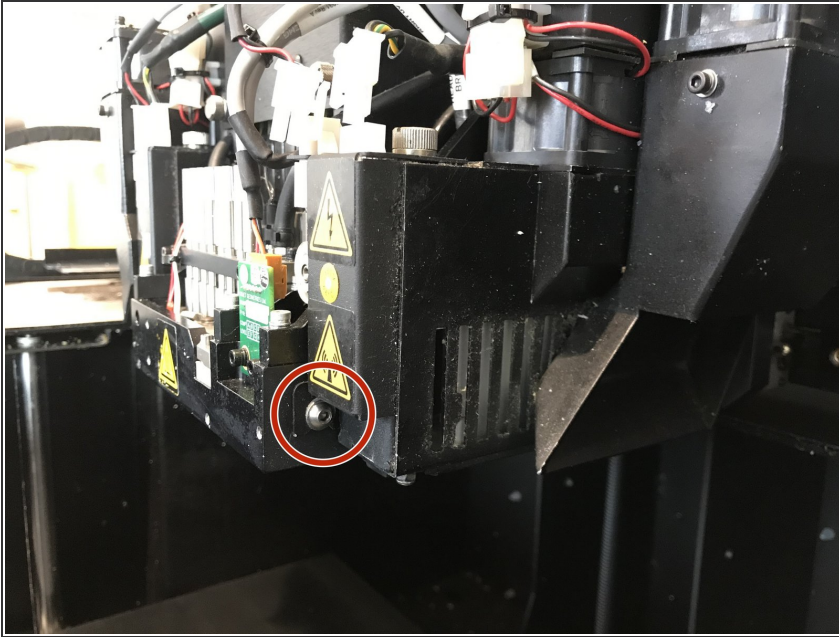
- Options -> Go to Head Inspection
- Gather materials needed
 - Set up blue towel, medium sized beaker, and two cotton tips on the table next to the Connex
 - Get a blue towel to lay next to the build plate, container for the screws, and the two smallest allen wrenches from the blue pouch

Step 2 — Detach Fans



- Detach the three clips on the right UV lamp, this will disconnect the fans

Step 3 — Detach UV Lamp

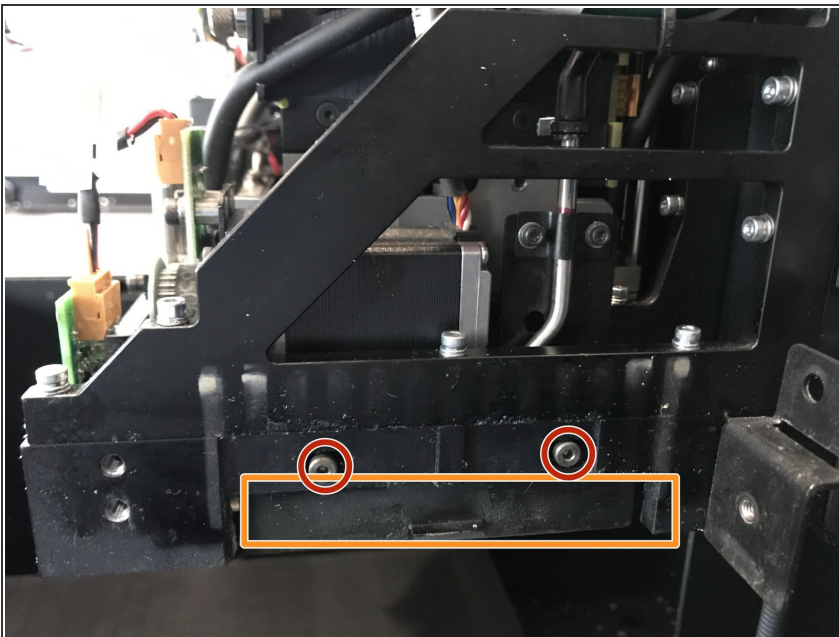


- Supporting the entire UV lamp with one hand, unscrew the screw circled using the larger of the two allen wrenches

⚠ The UV lamp is only supported by a small ledge in the back and the screw, make sure to hold the lamp or it will fall and damage the build plate

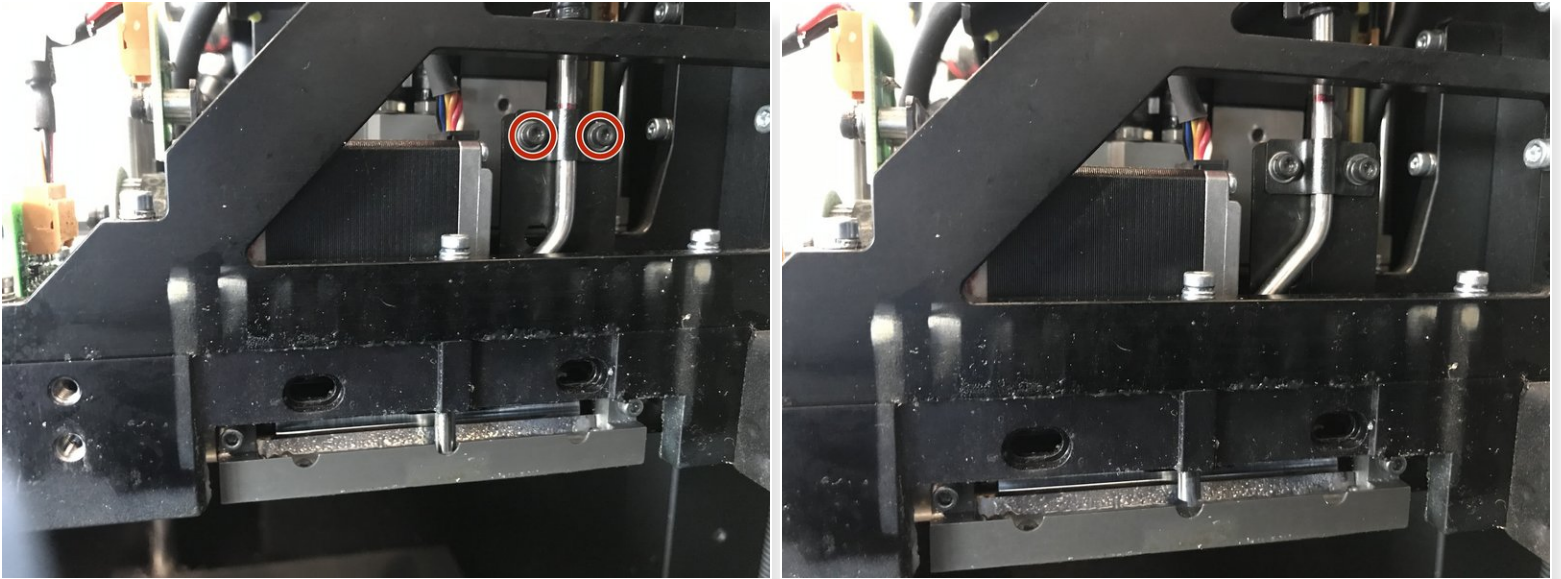
- Remove UV lamp, setting it aside on blue towel

Step 4 — Remove Lid



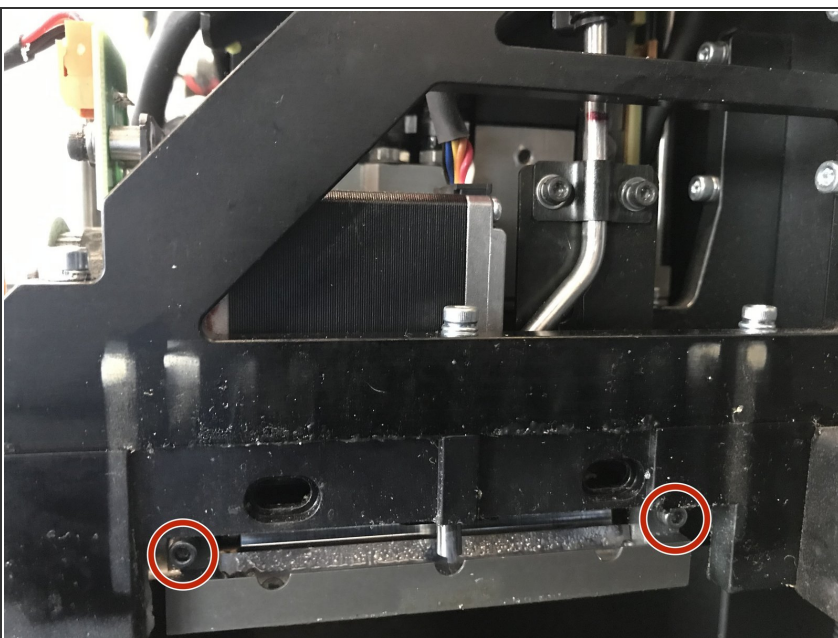
- Unscrew the two screws circled using the smallest allen wrench
- Pull the black lid towards you, then down to remove from the print block

Step 5 — Retract Metal "Straw"



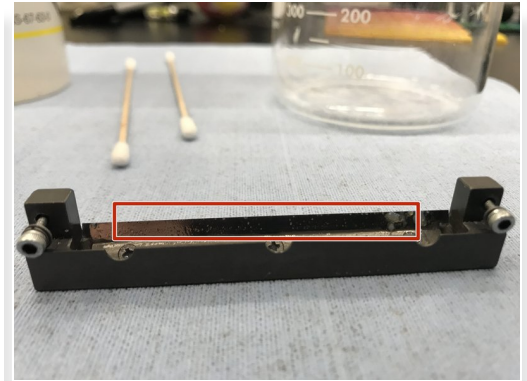
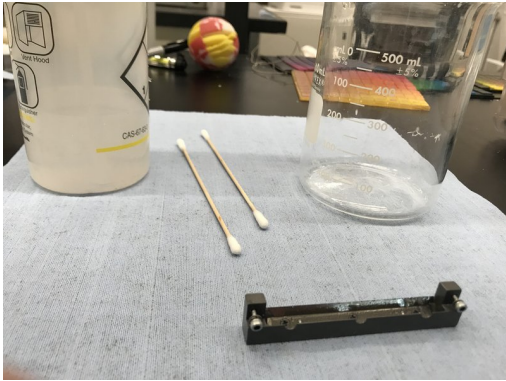
- Loosen both screws holding the "straw"
- Pull the "straw" up, while supporting the "straw", tighten one of the screws to keep "straw" in place

Step 6 — Remove Roller Bath



- While supporting the bottom of the roller bath, unscrew the two screws circled

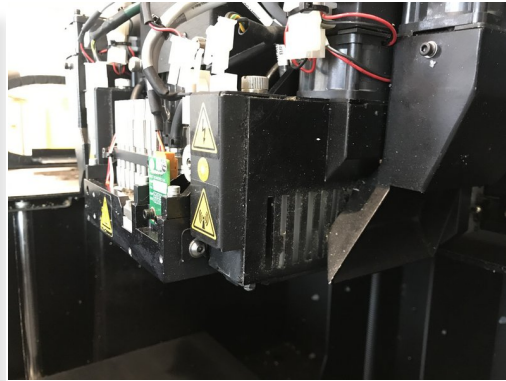
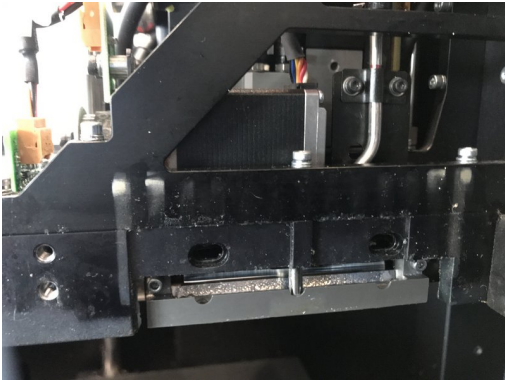
Step 7 — Clean Roller Bath



- Using Isopropyl Alcohol, spray down the roller bath into the beaker
- If there are clumps sticking to the roller bath, use the cotton tips to clean it away

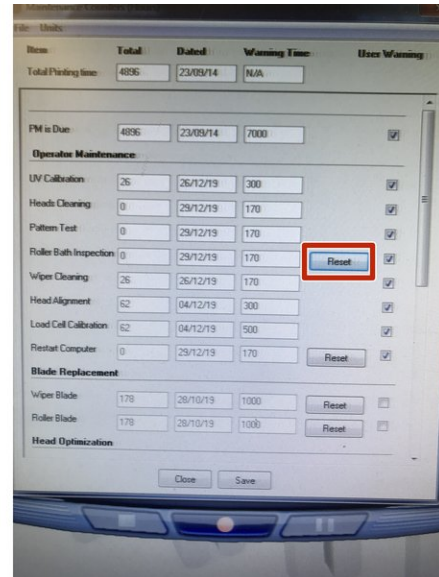
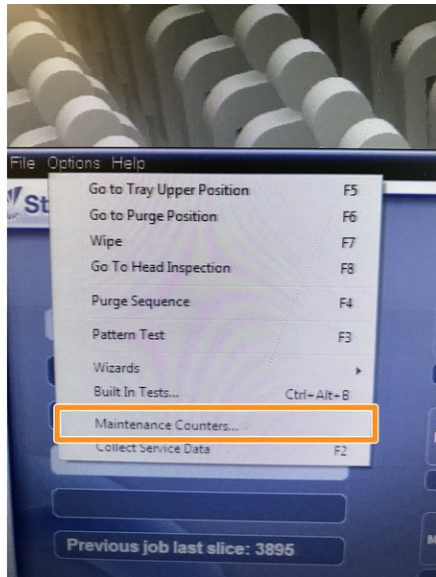
⚠ Be careful not to touch or bend the blade, it needs to remain flush with the roller to be effective

Step 8 — Reassemble all components



- Reattach the roller bath
 - ⓘ Make sure the roller bath is flush against where it is screwed into place
- Loosen the screw holding up the "straw" and push the "straw" down until the red mark is just visible above the screws
 - ⓘ The "straw" is spring-loaded so you will need to use one hand to keep the "straw" down and tighten the screws with the other
- Reattach the UV lamp, slotting it onto the ledge and screwing the single screw in place
 - ⚠ Use one hand to hold UV lamp and the other to screw, it will not hold itself in place and can fall and damage the build plate
- Reattach the white clips, letting the fans run
 - ⓘ If the clips are not put back in place, the Connex will not recognize that the cover is closed when needed

Step 9 — Reset Maintenance Counter



- Options -> Maintenance Counters
- Hit "Reset" next to "Roller Bath Inspection"