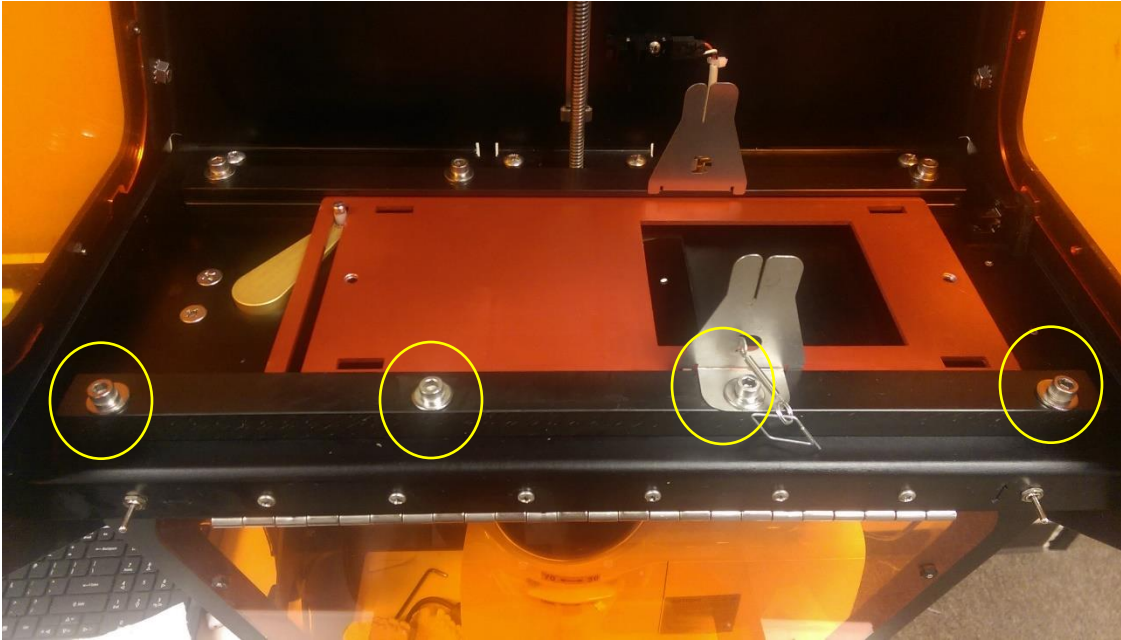
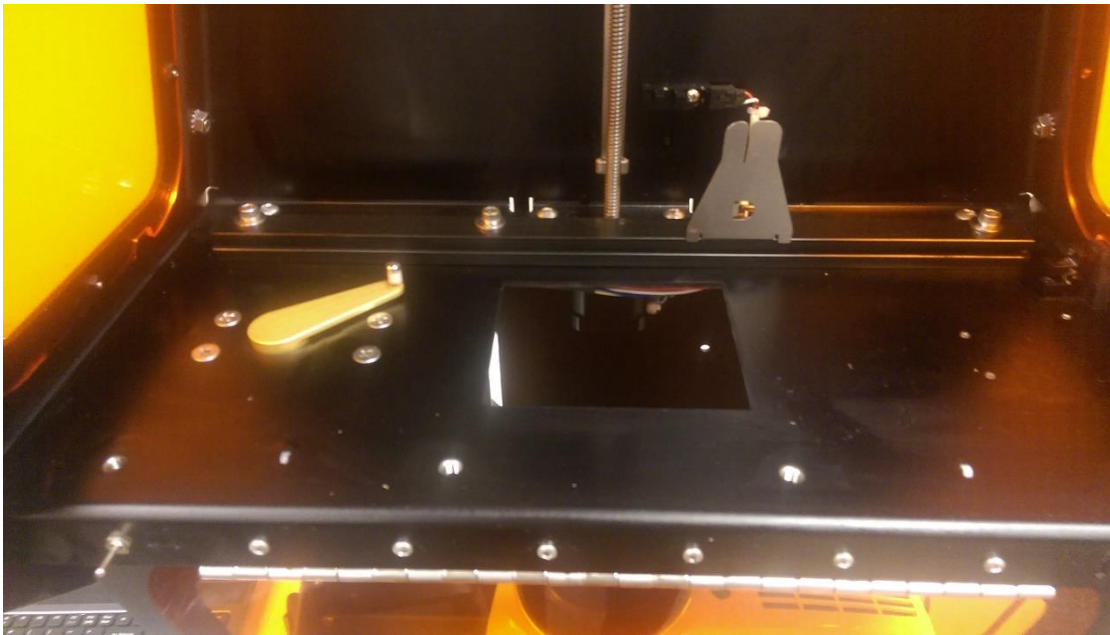


## B9Creator X Motor Replacement

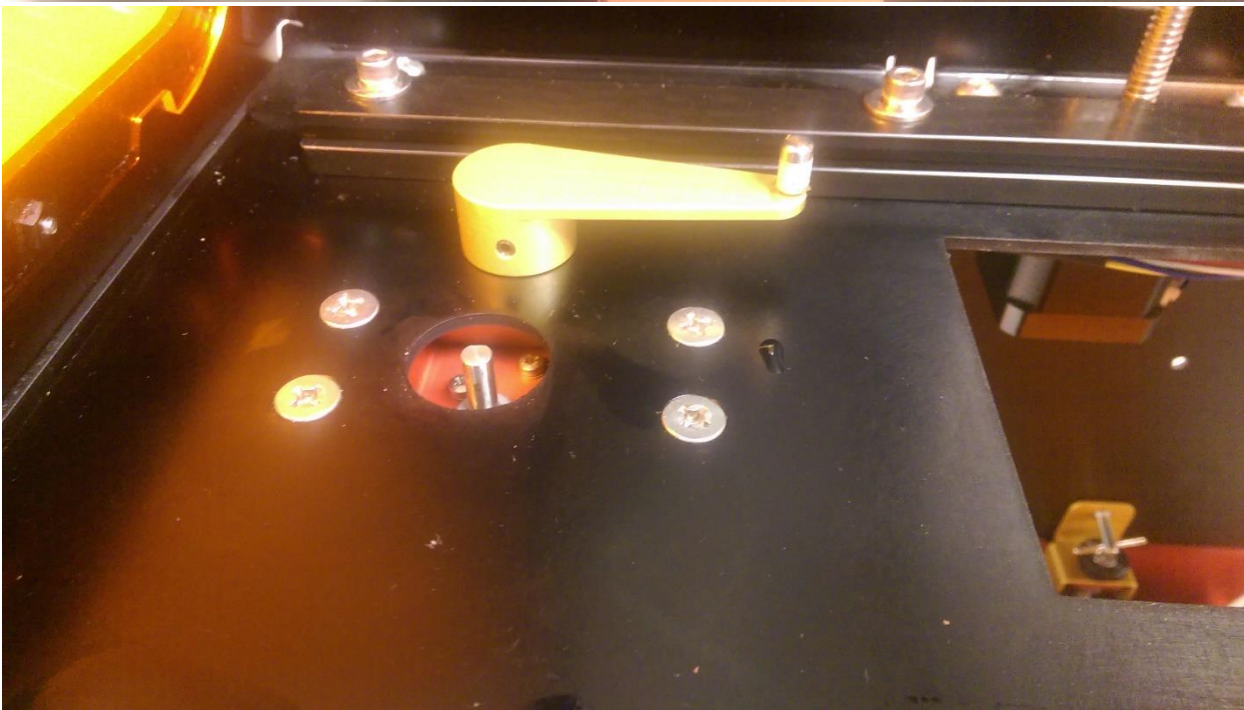
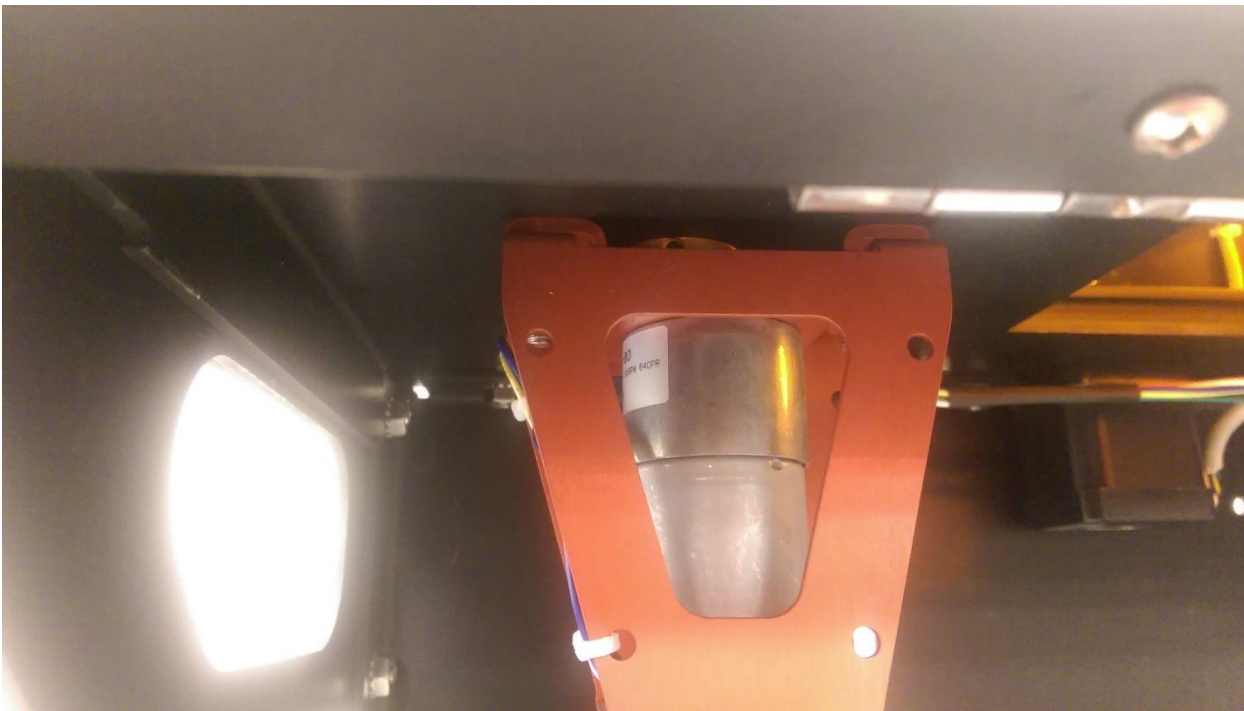
- 1.) Unplug the power and usb connection from the printer. Then remove the 4 hex cap screws on the front rail to allow for easier access during disassembly.



- 2.) Remove the red aluminum tray.

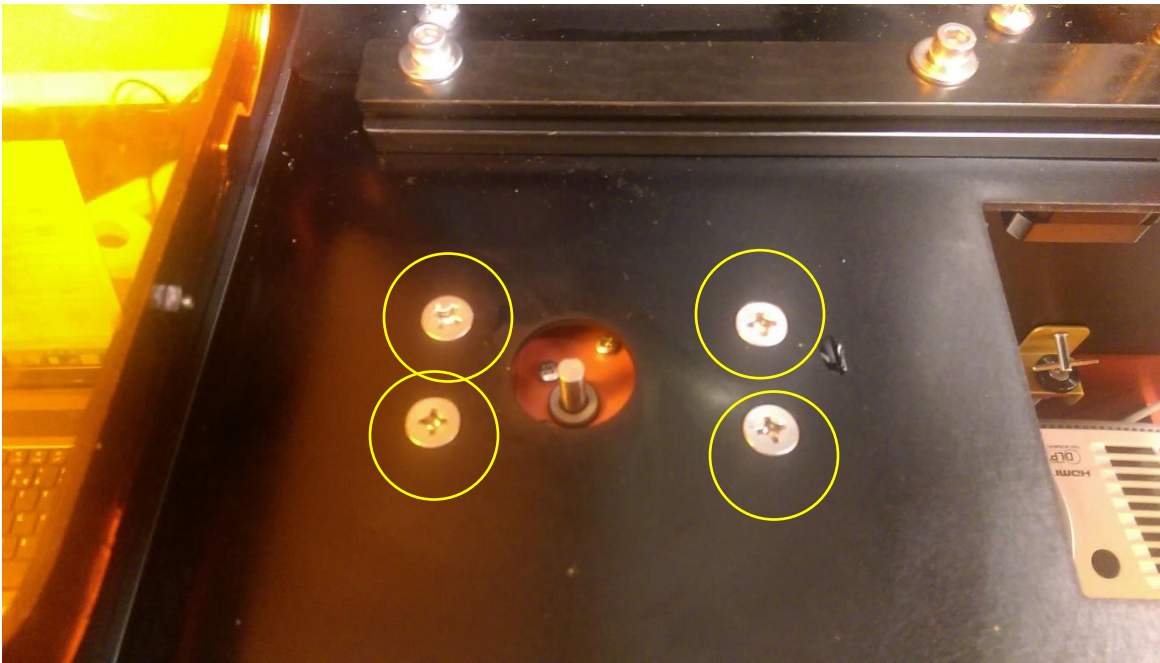


- 3.) Next loosen the 2 set screws that hold the gold arm to the x-motor shaft. Once they are a small amount loose, the gold arm should slide off at the top.

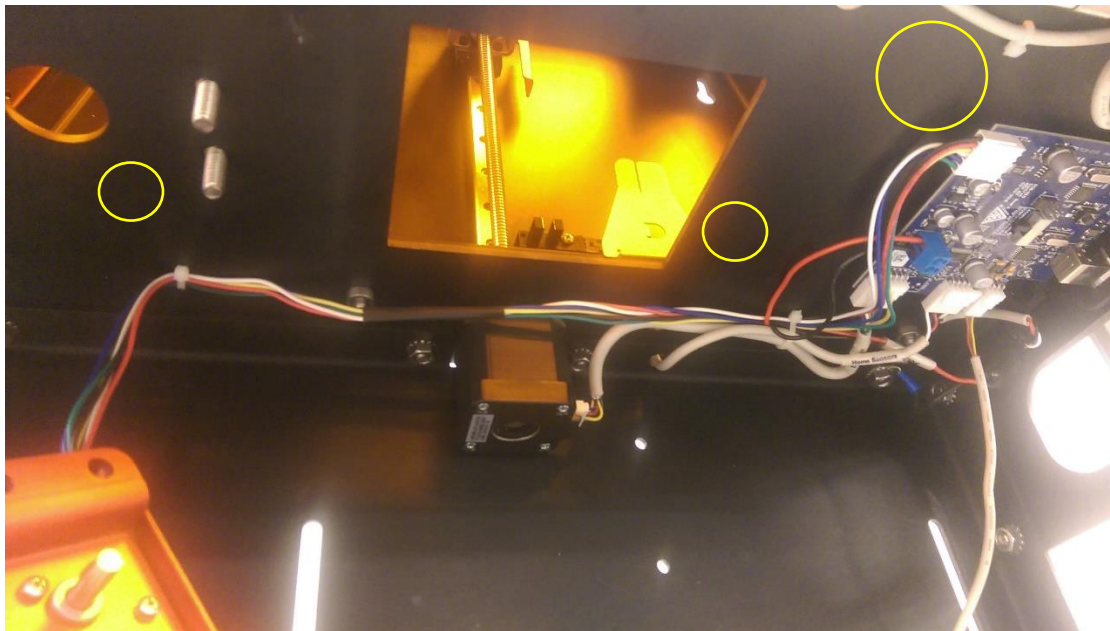




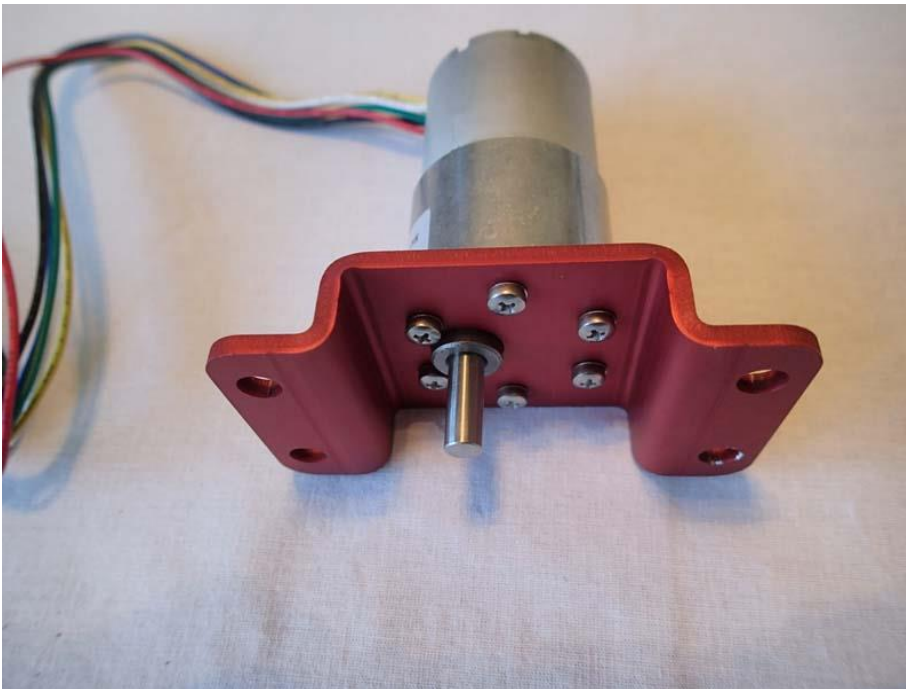
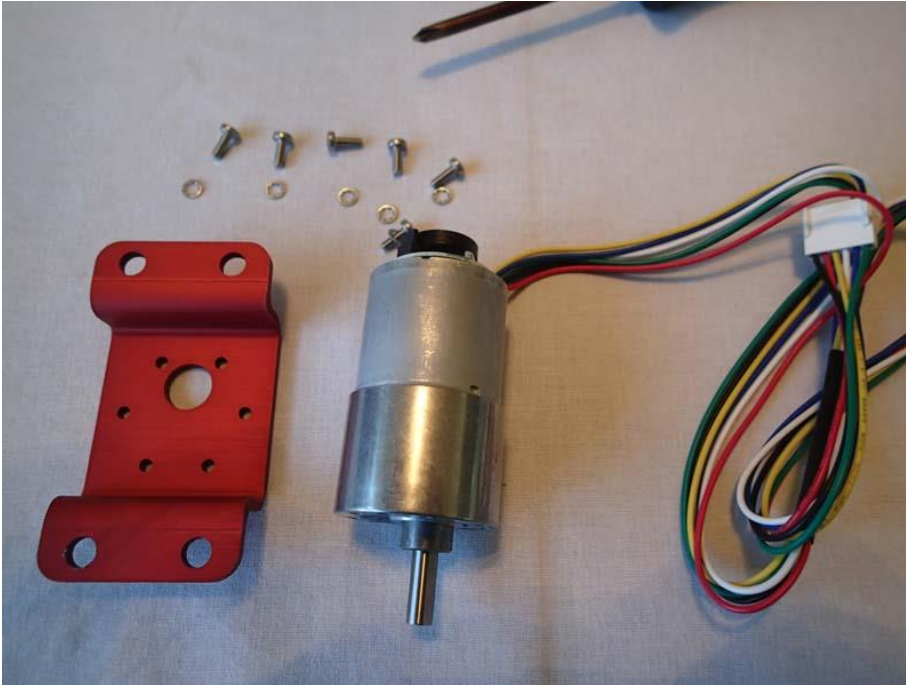
4.) Next remove the 4 screws and hex nuts that hold the x-motor assembly to the x-axis.



5.) Now you can pull the X-Motor assembly off of the screws. You will now need to clip the 2 zip ties and remove the connection to the PCB to fully remove the X-Motor from the machine.

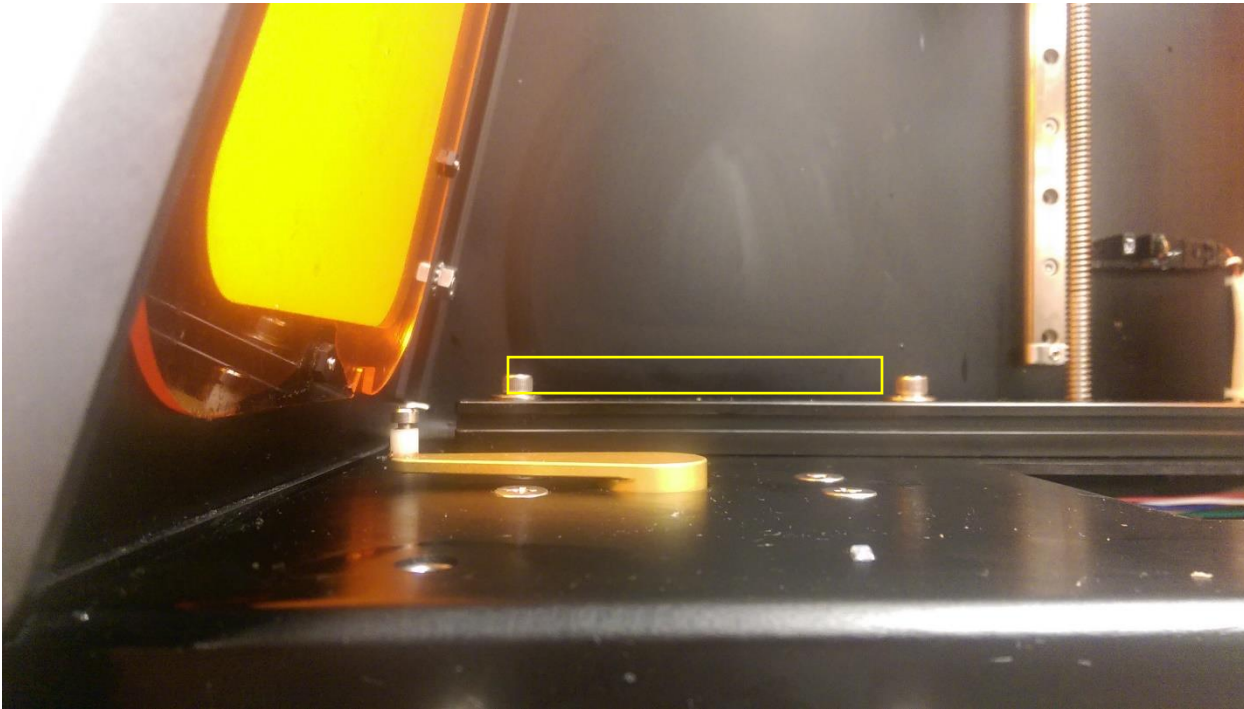


- 6.) Now you can remove the 6 screws to detach the x-motor from the red motor attachment plate. Once this is done, you can attach the new motor.



7.) Now you can reverse these steps:

- Bolt the x-motor back to the x-axis plate
- Connect the x-motor connector to the circuit board
- Slide the gold arm back over the x-motor shaft and tighten the 2 set screws. Make sure there is a small gap between the gold arm and x-axis plate to ensure the gold arm does not contact the x-axis plate as it rotates (see picture below).
- Add back in the red plate
- Bolt down the front slide rail.

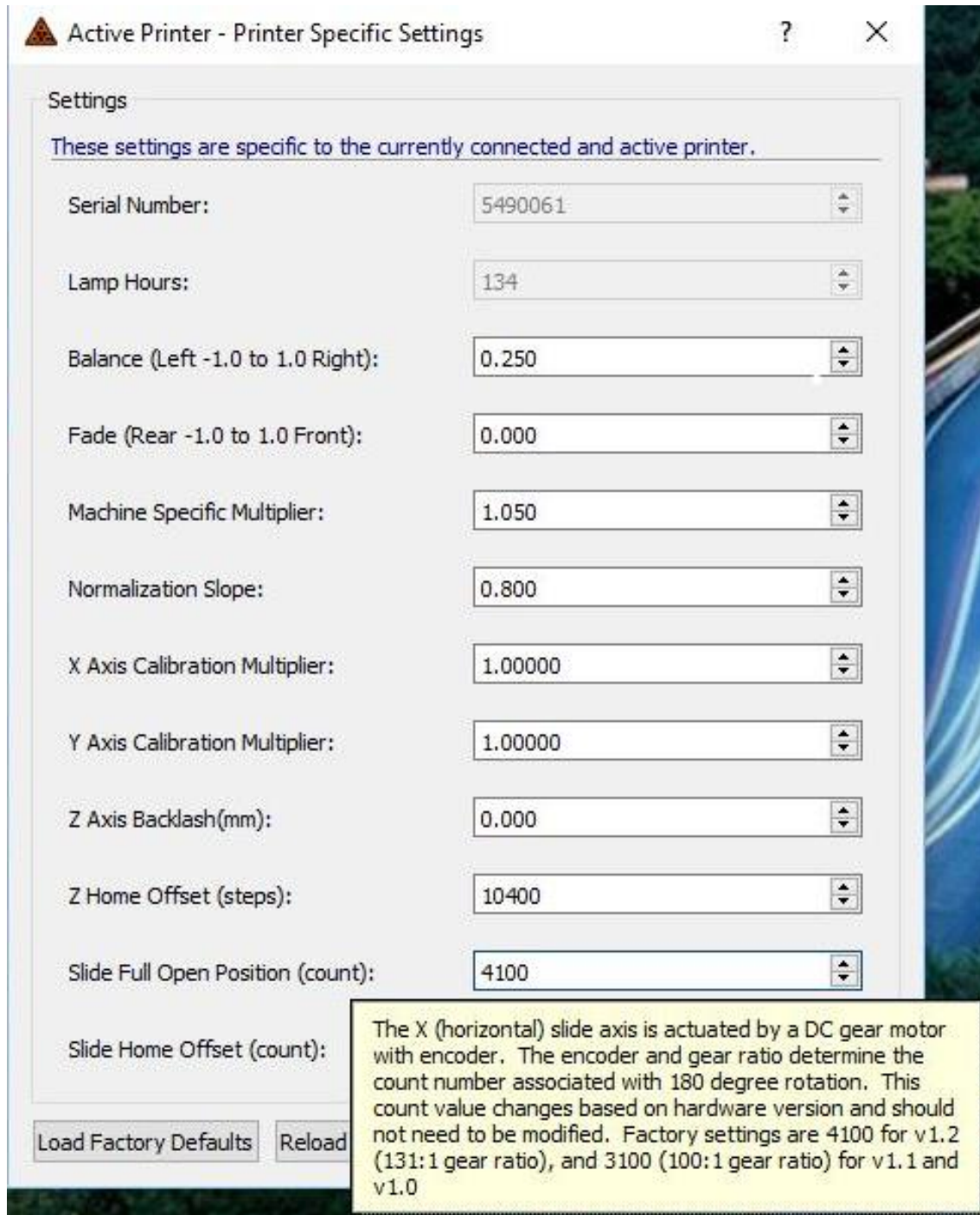


Once back in place, you can test the x-motor for functionality by plugging in the machine and using the toggle switch. Now you are ready to calibrate the build table and begin printing!



## B9Creator 1.0 and 1.1 Printer Specific Settings

If you own the B9Creator 1.0 or 1.1 the settings will need to be adjusted to Slide Full Open Position = 3100



**Active Printer - Printer Specific Settings**

Settings

These settings are specific to the currently connected and active printer.

Serial Number:	5490061
Lamp Hours:	134
Balance (Left -1.0 to 1.0 Right):	0.250
Fade (Rear -1.0 to 1.0 Front):	0.000
Machine Specific Multiplier:	1.050
Normalization Slope:	0.800
X Axis Calibration Multiplier:	1.00000
Y Axis Calibration Multiplier:	1.00000
Z Axis Backlash(mm):	0.000
Z Home Offset (steps):	10400
Slide Full Open Position (count):	4100
Slide Home Offset (count):	

Load Factory Defaults    Reload

The X (horizontal) slide axis is actuated by a DC gear motor with encoder. The encoder and gear ratio determine the count number associated with 180 degree rotation. This count value changes based on hardware version and should not need to be modified. Factory settings are 4100 for v1.2 (131:1 gear ratio), and 3100 (100:1 gear ratio) for v1.1 and v1.0