

How to Adjust the Roller Retract Sensor

Purpose

If you are getting an error saying that the roller is not retracted even though it is, and there is no physical blockage, we recommend adjusting the roller retract sensor. This troubleshooting guide shows the proper way to adjust the roller retract sensor. If you need additional assistance please do not hesitate to contact our service department at 314-298-9800 ext. 208 or email service@scinomix.com.

Who Should Use this Troubleshooting Guide?

End users of the Sci-Print VX2, VXL, and SOLO

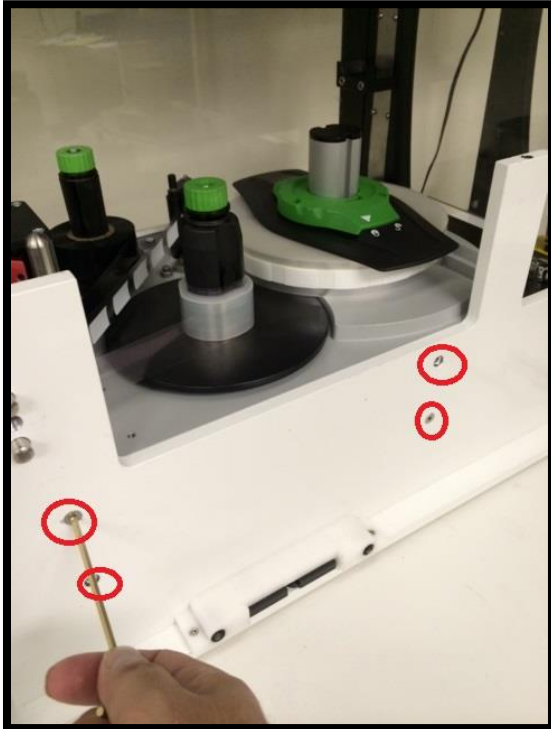
Instructions

Removing the printer

1. Release the air pressure to the unit by turning the blue knob on the rear of the unit.
2. Remove stainless steel label tensioner by removing the only screw with a 3mm Allen Wrench



3. Remove the 4 screws holding the printer to the base, using a 2.5mm Allen Wrench.



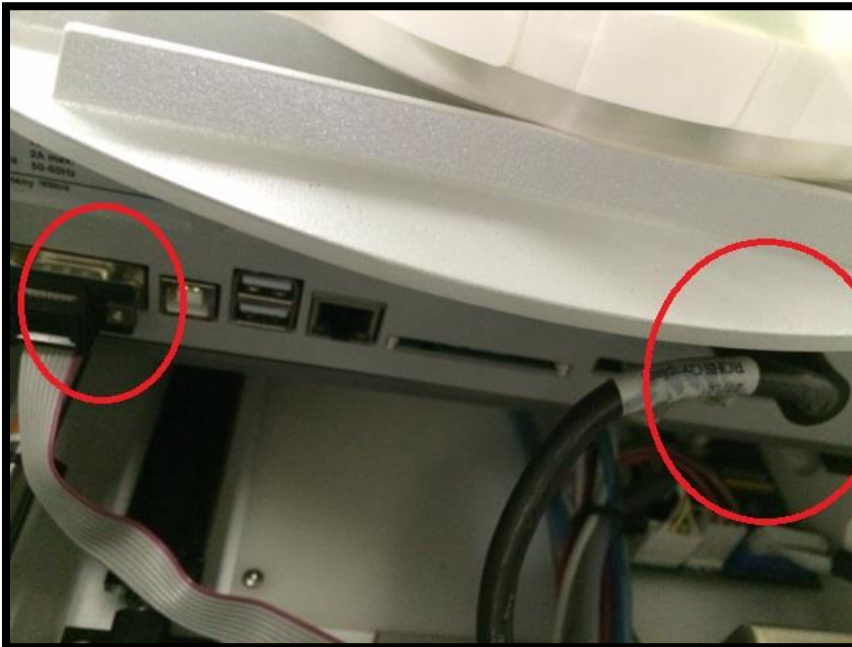
4. Turn the run knob on the roller stage so you can move the stage out.



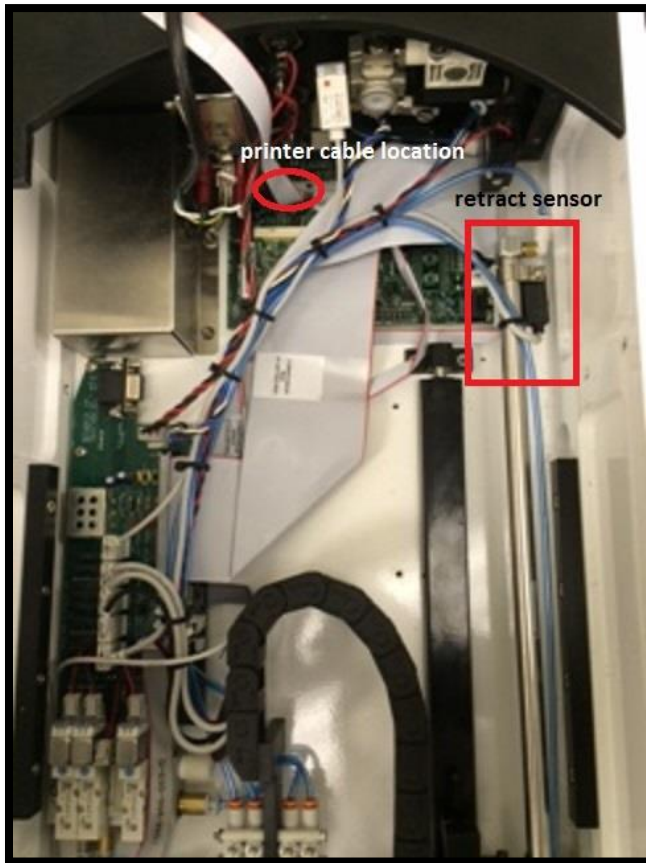
5. Pull the stage out and disconnect the peel blow airline and barcode reader if equipped.



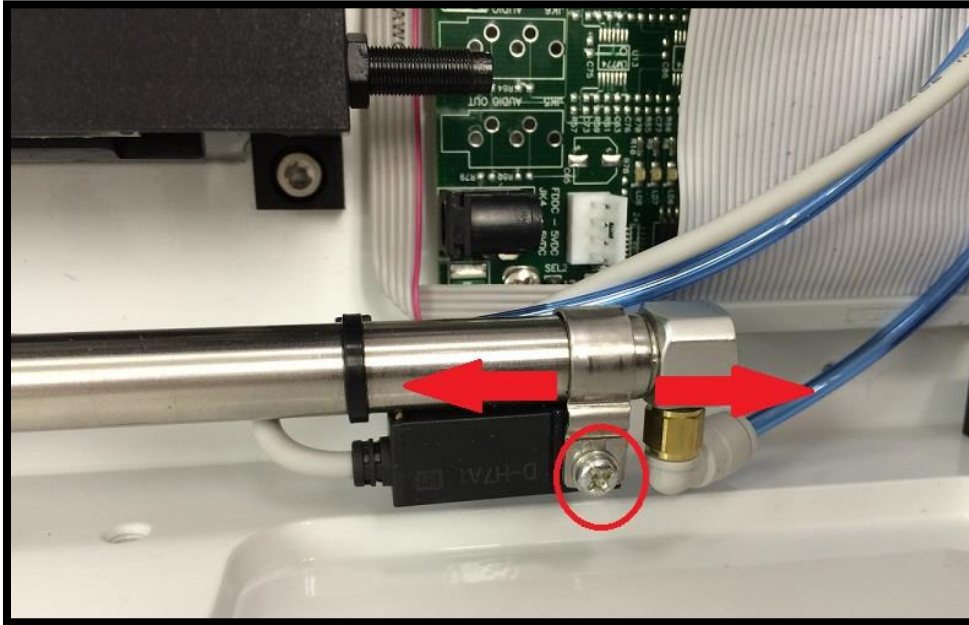
6. Slightly pull the printer out toward the roller stage and unplug the power and Comm Line from the back.



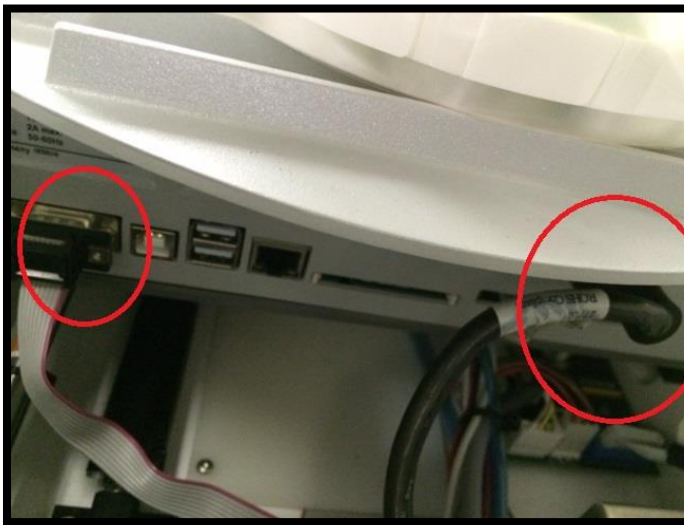
7. Carefully pull the printer up and out of the base.
8. Turn off the printer using its own power switch near the power outlet (this is so it does not “short-out” when plugging back in).



9. Push the roller assembly all the way in-- like it would be while labeling.
10. Loosen the screw holding the sensor to the shaft and adjust left or right until the Red LED turns on while the roller assembly is retracted.



11. Tighten the screw when the adjustment is complete.
12. Replace the printer and push it back. Then, connect the communication and power line.



13. Turn the printer back on using its own power switch.
14. Push it back where it belongs, and screw in the four mounting screws.
15. Replace the stainless steel clamp.
16. Turn the air supply back on.
17. Use the Hardware screen in the software to extend and retract the roller assembly, and watch the output LED to turn ON when the roller is retracted.