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Purpose

This guide provides the steps required to manually adjust the tension of the labels on the Sci-Print VX2/VXL/SOLO with a Cab A2+ printer installed.

Required Material and Equipment

CAB SQUIX printer on a Sci-Print VX2/VXL and SOLO

Intended Audience

End Users

Prerequisites

N/A

Procedure

1. Verify the labels are installed properly. See [UG0011 VX2/VXL User Guide](#).
2. On the back, right, top of the printer is a label tensioner. This is responsible for keeping the label backing tight when feeding and backfeeding. During normal operation, the tensioner shifts to the left when feeding, and shifts back to the right when backfeeding. During backfeeding, to avoid tension drop, it should not get to the far right side.



Figure 1. Normal left side movement.

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Figure 2. Normal backfeed right movement

3. If the tensioner either slips constantly (stays to the right), or constantly stays on the left side, adjusting the tension spring is required.
 - a. Locate the 2mm allen screw on the backside of the tensioner. This can be tightened or loosened to adjust the clamp tension.
 - b. Try to adjust for better tracking; look for the tensioner to track to the left during feeding and then track back to the right during backfeeding, without ever reaching the right end.



Figure 3. Adjustment screw, 2mm wrench.

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4. Check the waste spool to ensure there is no slack in the waste.
 - a. Turn the green knob (top) clockwise to loosen the waste roll.



Figure 4.

- b. When the knob is turned/closed, the gaps in the spool shrink.



Figure 5.



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5. Turn the black shaft of the spool manually counterclockwise to remove any slack. Some tension is felt while doing so. Turn until the labels start to manually feed.
6. Rotate the knob clockwise to tighten again.

If you need additional assistance, please call our service department at 314-298-9800 or email service@scinomix.com.

Definitions

N/A

Revision History

Version:	Change:	Effective Date:	Approved by:
A	NEW	MAR-27-2023	Service Team