

TS-1011	Tubes Eject from Roller During Labeling or Recapping (VX2/VXL/SOLO)	Document Owner: Service Department	Effective Date: AUG-23-2022	Page 1 of 2
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Purpose

This document provides troubleshooting steps for tubes being ejected from the roller during the labeling or recapping step on a VX2/VXL/SOLO.

Intended Use

If tubes are ejected from the roller during the labeling or recapping step.

Required Material and Equipment

N/A

Intended Audience

Superuser

Prerequisites

N/A

Procedure

1. Ensure the clamp roller's two stainless rollers are attached, free of debris or defect, and spin freely. Ensure the correct clamp roller is installed for the tube diameter in use.
2. **Check the roller close pressure;** open Diagnostics > Hardware and click **Close the roller**. In the closed position, the gauge should read *0.3 to 0.4 MPa* for only printing labels, and *0.4 to 0.5 MPa* if uncapping/filling/recapping.

Note: If uncapping/filling/recapping, confirm the recapping torque is between 35%, and 50% in the Rack Definition.



Figure 1. Roller Pressure Adjust Screw and Gauge



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3. **Ensure the roller teach point position is optimal.** (Open Configuration > Rack Definition).
- Place a tube in Rack 1 - A1.
 - Click **Edit** on Rack1 first tube.
 - Click **Move to X,Y,Z**.
 - Click **Grip the tube**.
 - Click **OK** then **No** to keep the tube in the gripper.
 - Click **Edit** on Roller position.
 - Click **Move to X,Y,Z**.
 - Click **Close Roller** to close the clamp roller on the tube.
 - Click **Release** and **Grip** tube to open and close the gripper on the tube.
 - Look for any flexion in the Z-arm.
 - Adjust the teach point with the gripper open and repeat open/closing the gripper until there is no flexion in the arm.
 - Click **OK** to save the new roller teach point.
 - Click **OK** to save the Rack Definition.

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	APR-24-2020	B. Petti
B	Content review. Added Intended Use section	AUG-23-2022	Service