

TS-1054	How to Change the Red Urethane Roller and Clamp Roller Block	Document Owner: Service Department	Effective Date: APR-03-2020	Page 1 of 3
---------	--	---------------------------------------	--------------------------------	-------------

Purpose

This guide provides the steps required to change the roller and clamp roller block. If you frequently switch between different tube types and sizes, you will need to change the roller and clamp roller block.

Required Material and Equipment

- 4mm Allen wrench

Intended Audience

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

Prerequisites

Needing to switch between different tube types and sizes.

Procedure

1. Turn off the air using the blue air switch on the power panel so that the roller assembly can be pulled out of the machine.



Figure 1.

TS-1054	How to Change the Red Urethane Roller and Clamp Roller Block	Document Owner: Service Department	Effective Date: APR-03-2020	Page 2 of 3
---------	--	---------------------------------------	--------------------------------	-------------

2. Remove the screw in the center of the red urethane roller using a 4mm Allen wrench and lift off the roller.



Figure 2.

3. Place the new roller on the spindle and align the slot in the underside with the flats on the spindle.

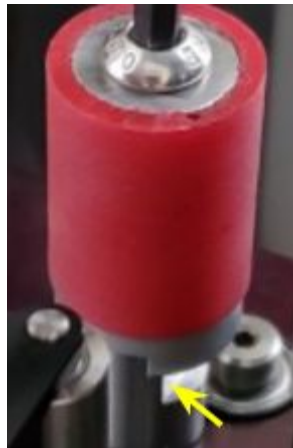


Figure 3.

4. Place a screw into the hole in the center of the roller and gently tighten.

Note: Ensure the screw length is approximately 5 mm longer than the depth of the hole.

TS-1054	How to Change the Red Urethane Roller and Clamp Roller Block	Document Owner: Service Department	Effective Date: APR-03-2020	Page 3 of 3
----------------	---	--	---------------------------------------	--------------------

- To swap out the clamp roller or to adjust its height, first remove it by unscrewing the single screw with a 4mm Allen wrench.

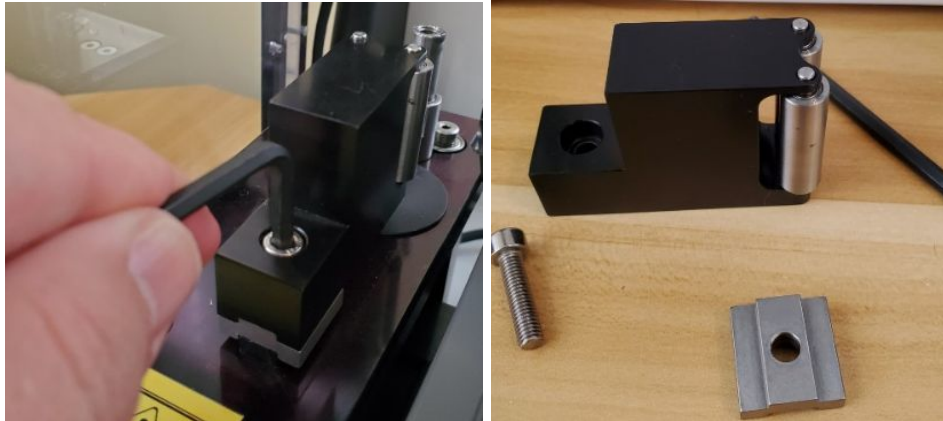


Figure 4.

- Remove or add spacers as necessary so as to position the top of the clamp roller block level with the top of the red roller.
- Place the roller block onto the actuator base.
- Insert the correct sized screw and gently tighten.

Note: Make sure the screw length is approximately 5 mm longer than the depth of the hole.

For additional help, please refer to the [Changing the Roller and Clamp Roller Block](#) demonstrational video located here:

<https://vimeo.com/scinomix/review/97447630/1d6ab7bec6>.

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-03-2020	B. Petti