

TS-1030	Tamp Head Retract Sensor Adjustment (MP2)	Document Owner: Service Department	Effective Date: AUG-24-2022	Page 1 of 3
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Purpose

This guide is intended for Scinomix trained personnel and demonstrates how to correctly adjust the sensor for extending and retracting the tamp head on a Sci-Print MP2.

Intended Use

If an error states the tamp head is not retracted even though it is, the tamp head sensor may need to be adjusted.

Required Material and Equipment

- 2mm Allen key
- Small flat head screwdriver

Intended Audience

Scinomix Certified Service Technician

Prerequisites

An error message indicates the tamp head is not retracted.

Procedure

CAUTION: The unit needs to be powered ON to make this adjustment. Use extreme caution around electrical components.

1. Using a 2mm Allen key, remove the four screws holding the tamp arm housing (there are two on the top, and two on the underside).

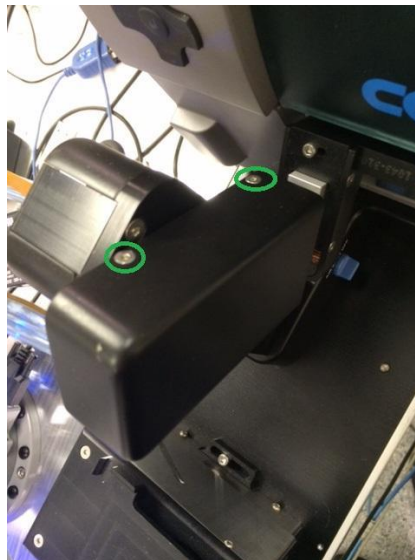


Figure 1.

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- Figure 2 shows the arm without covers. Notice the Red LED light; this means the tamp is retracted.

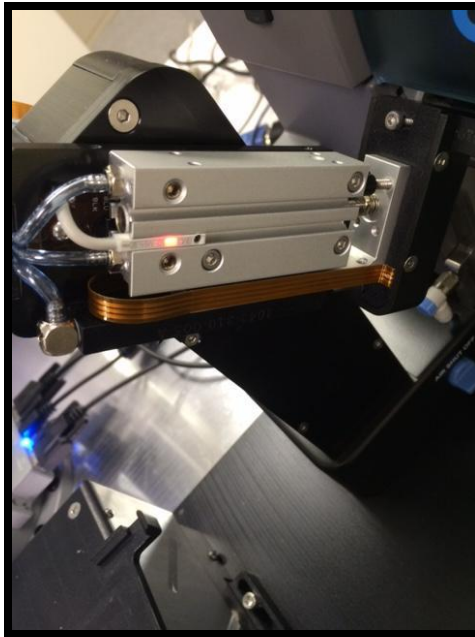


Figure 2.

- Using a small, flat head screwdriver, loosen the black set screw, and slide the sensor forward or backward until the red LED light is active. (The screwdriver is pictured on the set screw in Figure 3.)

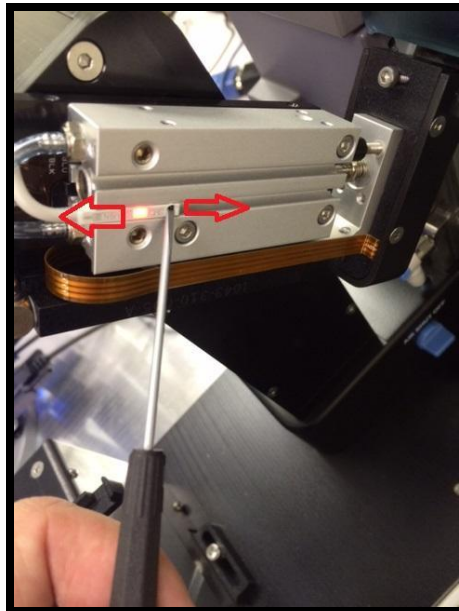


Figure 3.

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4. Tighten the set screw when the proper adjustment is made.
5. Replace the housing and tighten down the four screws.
6. Using the software, open the HARDWARE screen.
7. Click **HOME STAGE**.
8. Click **Stage print position**. Ensure there is no plate on the stage.
9. Click **Rotate tamp** on the OUTPUT side of the window.
10. Click **EXTEND TAMP** on the OUTPUT side of the window.
11. Click **EXTEND TAMP** again to retract the tamp, and ensure the *tamp retracted* green dot displays on the INPUT side of the window.

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
B	Content review <i>Intended Use</i> added	AUG-24-2022	Service