

TS-1030	Tamp Head Retract Sensor Adjustment	Document Owner: Service Department	Effective Date: APR-03-2020	Page 1 of 4
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## Purpose

This is an advanced troubleshooting guide that demonstrates how to correctly adjust the sensor for extending and retracting the tamp head. If you receive an error stating that the tamp head is not retracted, even if it is, you might need to adjust the tamp head sensor.

## 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 4 screws holding the tamp arm housing (there are 2 on the top, and 2 on the underside).

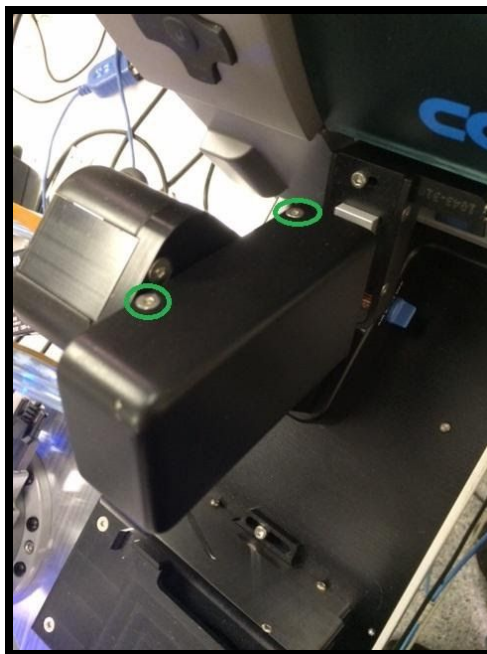


Figure 1.

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

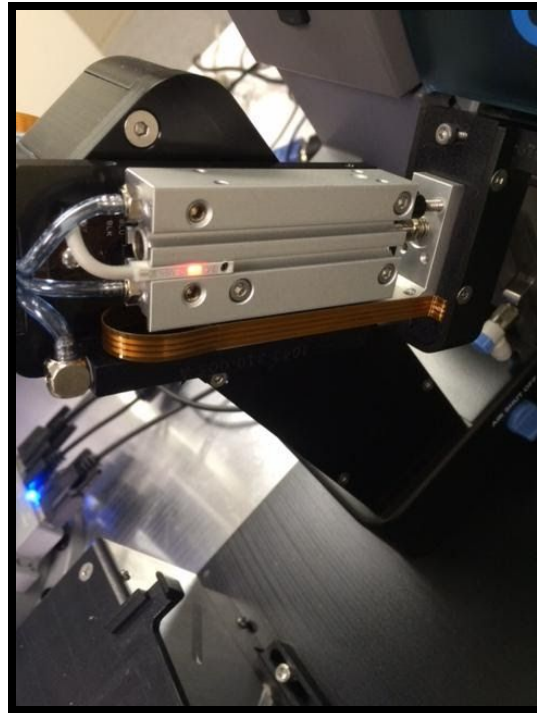


Figure 2.

3. Using a small flat head screwdriver, loosen the Black set screw, and slide the sensor forward or backward until the red LED lights. (The screwdriver is pictured on the set screw).

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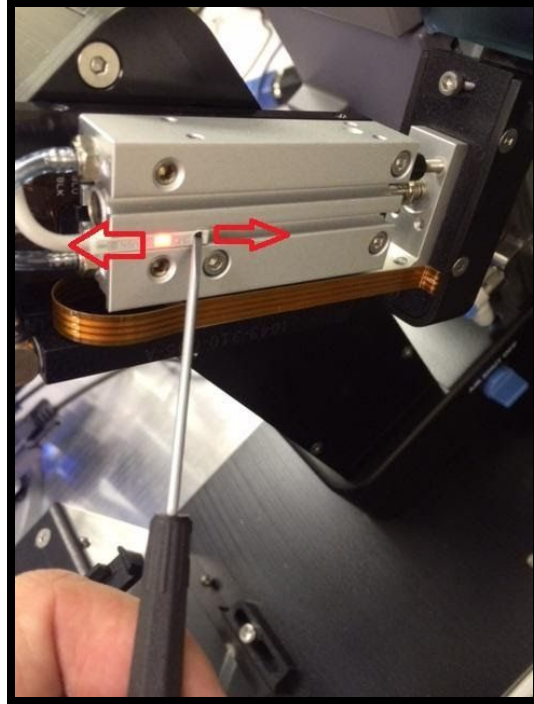


Figure 3.

4. Tighten down the set screw when you have the proper adjustment.
5. Replace the housing and tighten down the 4 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](mailto:service@scinomix.com).*

## Definitions

N/A



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## Revision History

<b>Version:</b>	<b>Change:</b>	<b>Effective Date:</b>	<b>Approved by:</b>
A	NEW	APR-03-2020	B. Petti