



TS-1078	Tamp Swing Arm Replacement (MP2/MP2+)	Document Owner: Service Team	Effective Date: AUG-24-2022	Page 1 of 5
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Purpose

This document explains the process for replacing the swing arm on a Sci-Print MP2 or MP2+.

Intended Use

When the swing arm requires changing.

Required Material and Equipment

Sci-Print MP2 or MP2+

2mm allen wrench

3mm allen wrench

Intended Audience

Certified Scinomix Technician

Prerequisites

N/A

Procedure

1. Power off instrument
2. Turn air supply to instrument off
3. Using a 2mm allen wrench remove the four screws for the swing arm tower housing, and set housing aside.

Note: The fourth screw (not seen in Figure 1 below) is behind the swing arm; swing it to the other side for access.

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Figure 1.

4. Mark or take pictures of the air lines and flow controls, to record the order and placement for the install.
5. Remove the airlines from the flow controls pictured and circled in Figure 2 below.

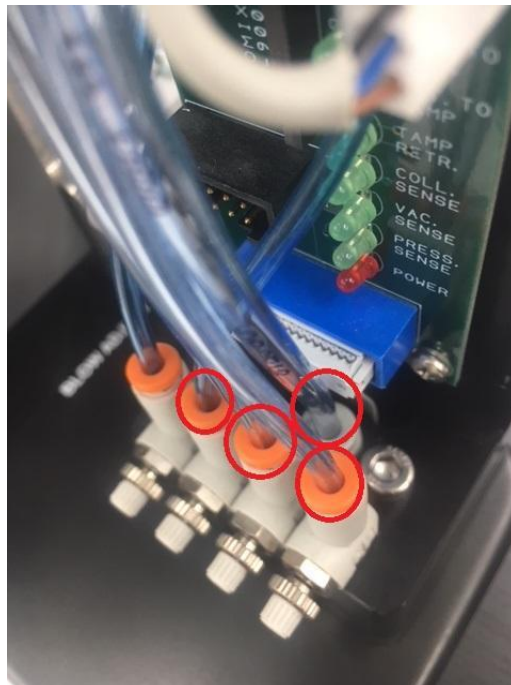


Figure 2.

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6. Unplug the flex cable from the board.

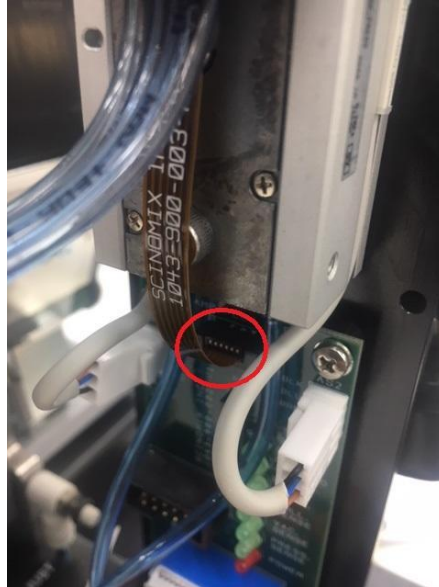


Figure 3.

7. Using a 2.5mm allen, remove the two screws for the flex cable/airline bracket.

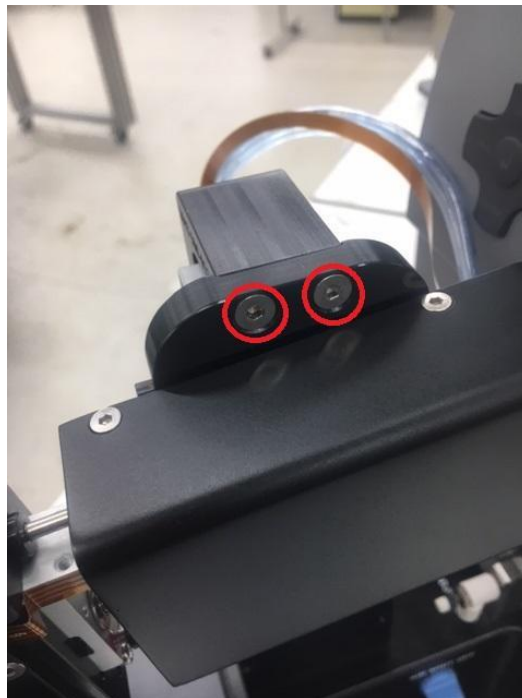


Figure 4.

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- Using a 3mm allen, remove the top shoulder screw and guard.



Figure 5.

- Using a 2.5mm allen, remove the middle shoulder screw holding the arm to the tower.



Figure 6.

- Remove the broken arm.
- Install new arm at 90 angle so small dowel pin fits into swing slot.

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Figure 7.



Figure 8.

12. Replace the middle shoulder screw to secure the arm to the tower.
13. Replace top shoulder screw and guard.
14. Secure the flex cable/airline bracket.
15. Connect the flex cable.
16. Connect all airlines to the appropriate flow controller.
17. Test.

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	AUG-24-2022	Service