



TS-1055	Replacement of Universal Gripper Board (VX2/VXL)	Document Owner: Service Department	Effective Date: AUG-22-2022	Page 1 of 6
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Purpose

This document provides the steps required to replace the Universal Gripper (UG) Board of the Scinomix Sci-Print VX2/VXL.

Intended Use

For instruments that have a Z-arm fitted with a Universal Gripper (UG) and the UG Board requires replacement.

Note: The UG Board is pre-programmed with the serial number to match the placard on the back side of the gripper.

Required Material and Equipment

- UG Board pre-programmed by Scinomix to match SN of gripper (PN 1044-900-006)
- 3 mm Allen wrench
- Phillips head screwdriver

Intended Audience

End User

Prerequisites

N/A

Procedure

1. Power off the instrument.
2. Confirm the Serial Number on the back side of the Z-arm/UG matches the SN sticker on the board.

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Figure 1.

3. Detach the grounding strap inside the instrument (back left corner of the lid)



Figure 2.: (SNs < 0100 and instruments with the updated plastic lid will not have this grounding strap)

4. Remove the four lid screws (3mm) and pull up to remove the lid while keeping it level.

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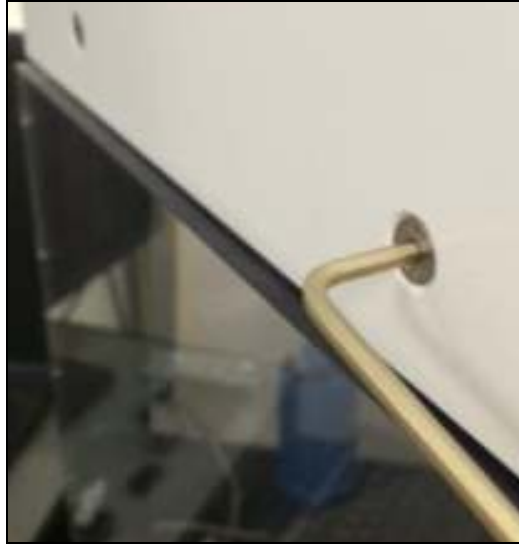


Figure 3.

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- Find the currently mounted UG board on the right side of the Z-arm.

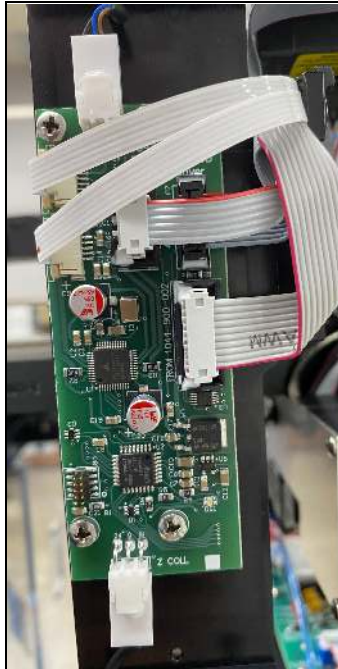


Figure 4.

- Touch the metal part of the chassis to remove any built up static charge from your body, then label the two small ribbon cables 1 and 2 as shown in Figure 5 below.
Note: The orientation of the port for the ribbon cable is different on older model boards).

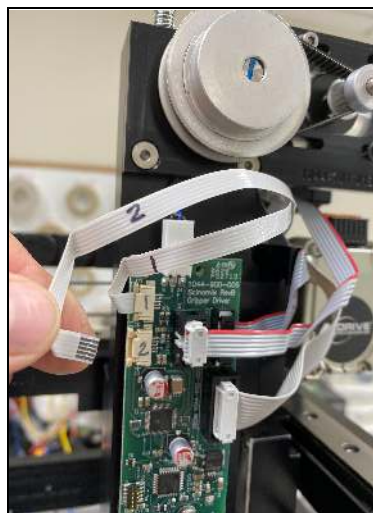


Figure 5.

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7. Remove all cables from the board and unmount the board from the Z-arm (four Phillips head screws).

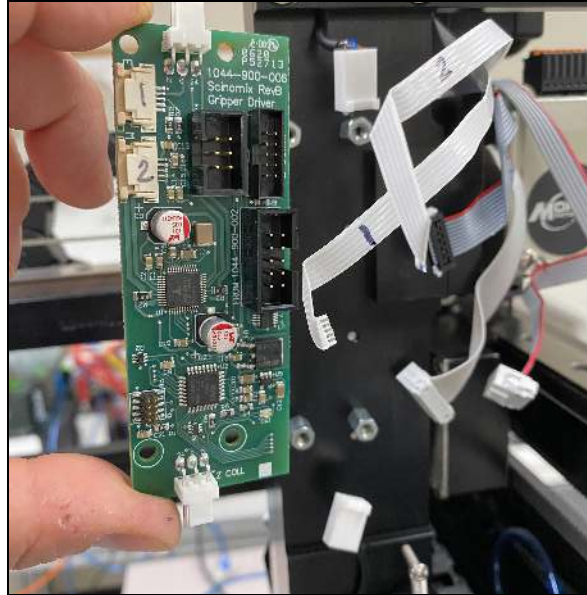


Figure 6.

8. Mount the replacement board and plug in all cables.

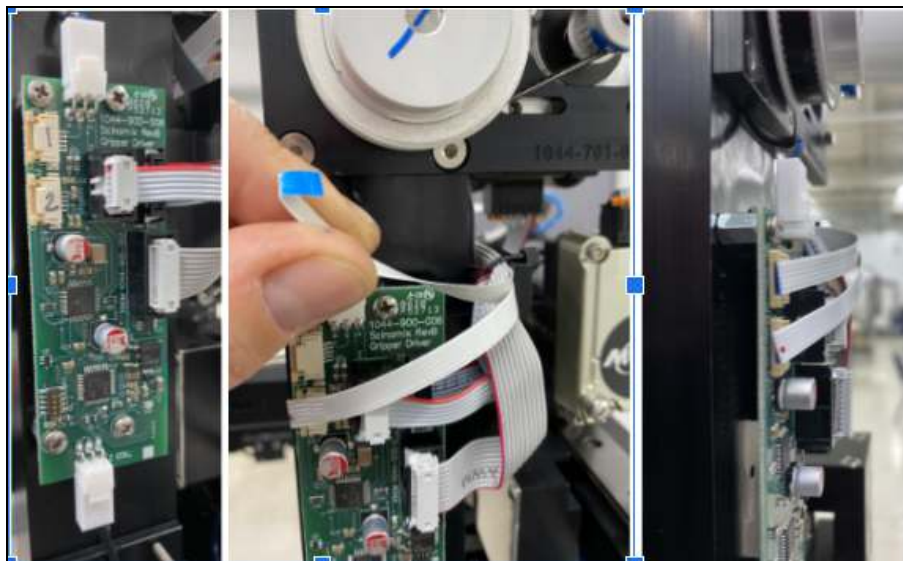


Figure 7.

9. Power on the instrument and test for function before replacing the lid.



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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	JUN-03-2020	B. FREESE
B	Content review <i>Intended Use</i> added	AUG-22-2022	Service