

TS-1082	VXQ Touch Screen Replacement	Document Owner: Service Team	Effective Date: JAN-03-2023	Page 1 of 9
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Purpose

This document explains the process for replacing the touch screen on a VXQ instrument.

Intended Use

If it is necessary to replace the touchscreen on a VXQ with a Serial Number less than 0622.

Required Material and Equipment

N/A

Intended Audience

Certified Scinomix Technician

Prerequisites

VXQ has a Serial Number less than 0622.

Procedure

1. Power off the instrument.
2. Remove the screws on the side panel

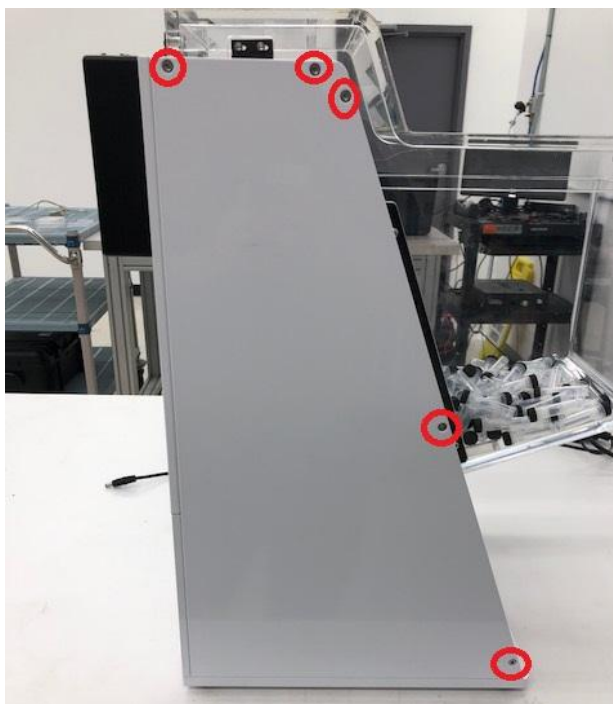


Figure 1.

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- Remove the back panel screws, and lid housing screws.

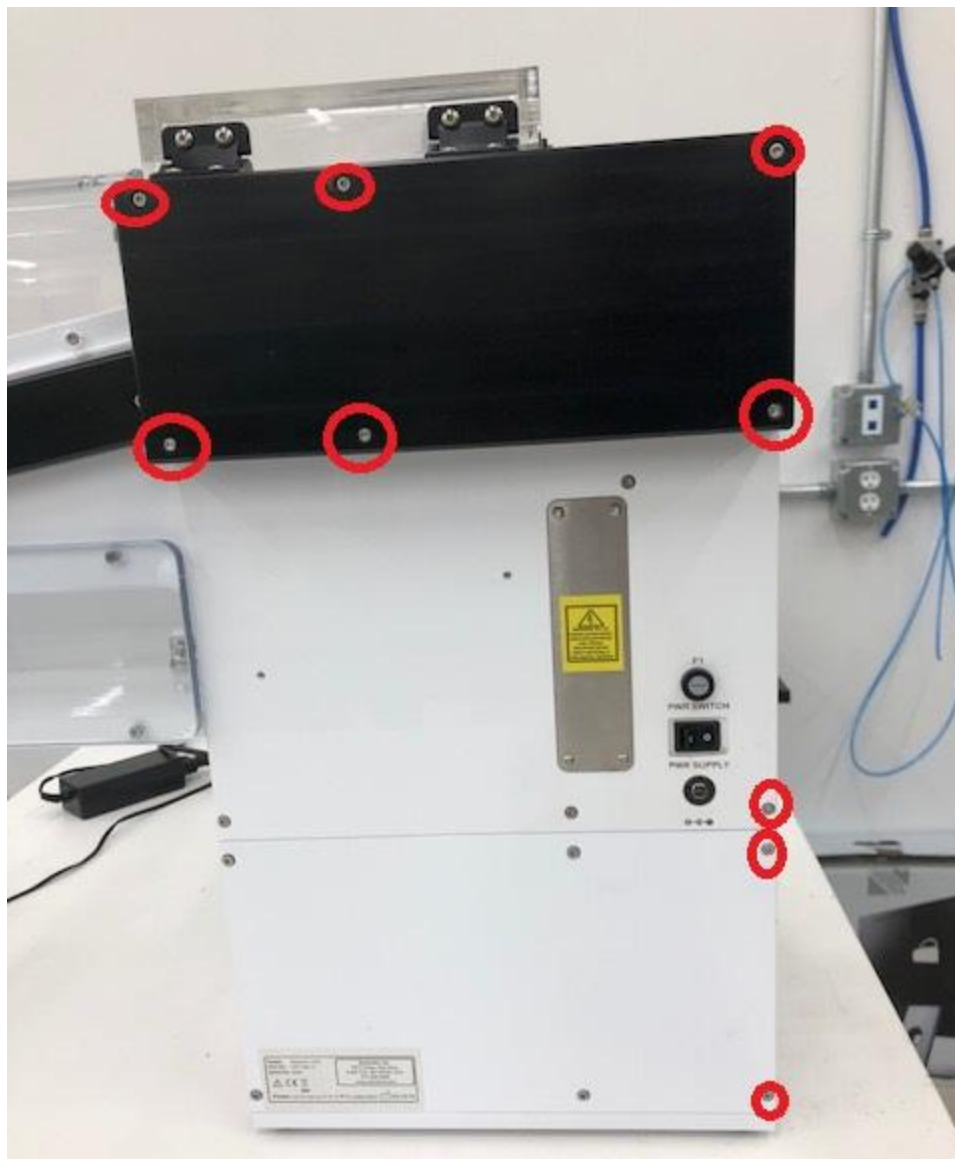


Figure 2.

- After lid housing screws are removed, set the lid assembly aside.

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5. Remove the final screw from the panel.

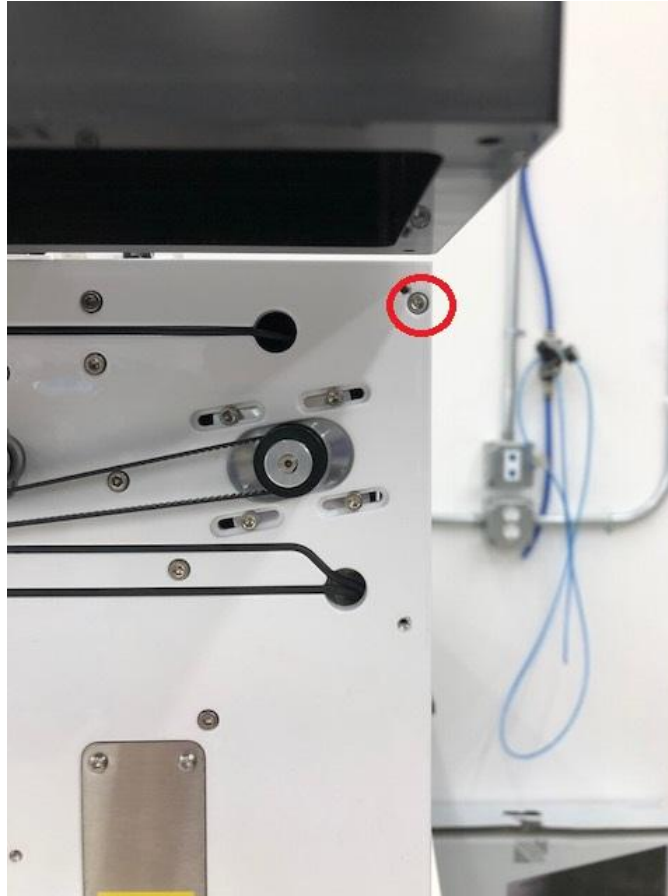


Figure 3.

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6. Remove the locking screw for the stairs.



Figure 4.

7. Carefully push up, and pull the stairs out, being extra careful not to stress the cabling behind the stairs.



Figure 5.

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8. Set the stairs up against the instrument but out of the way of the top panel.



Figure 6.

9. Remove the two screws for the top panel, and set the panel to the side (be careful not to stress the cable).



Figure 7.

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10. Remove the four connectors from the broken screen.



Figure 8.

11. Remove the four to six screws securing the screen.

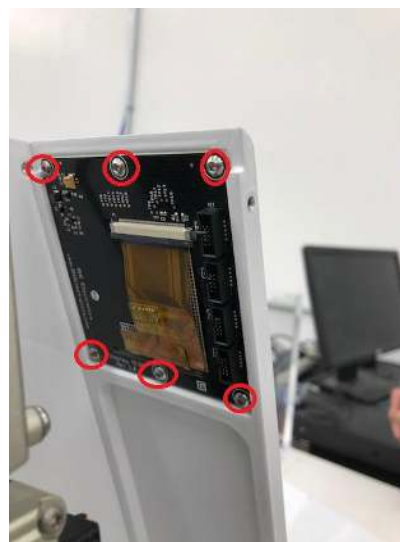


Figure 9.

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12. Remove the screen, and set aside.
13. Clip all cable ties holding the former screen connectors.

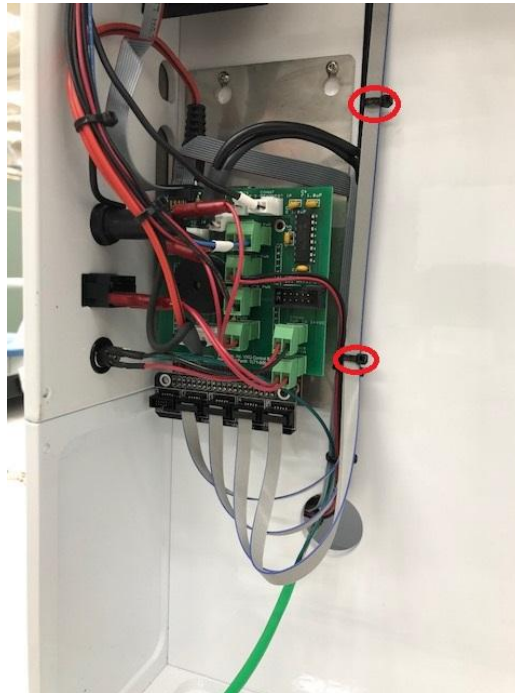


Figure 10.

14. Remove the board holding the four connectors. (This board is plugged directly into a different board.)

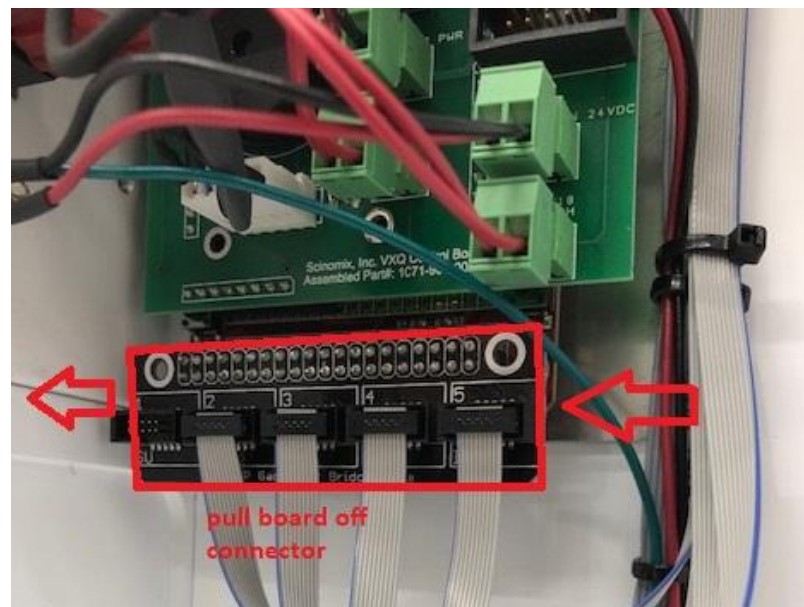


Figure 11.

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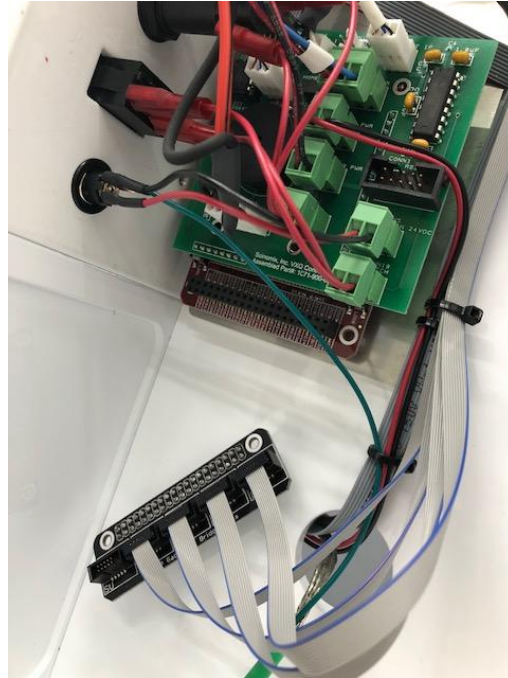


Figure 12.

15. Install the new screen as shown with the red colored line at the top of the connector.



Figure 13.

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16. Line up the new board plug to the bottom connector (plug must be perfectly centered).
With the red line of the cable to the right.

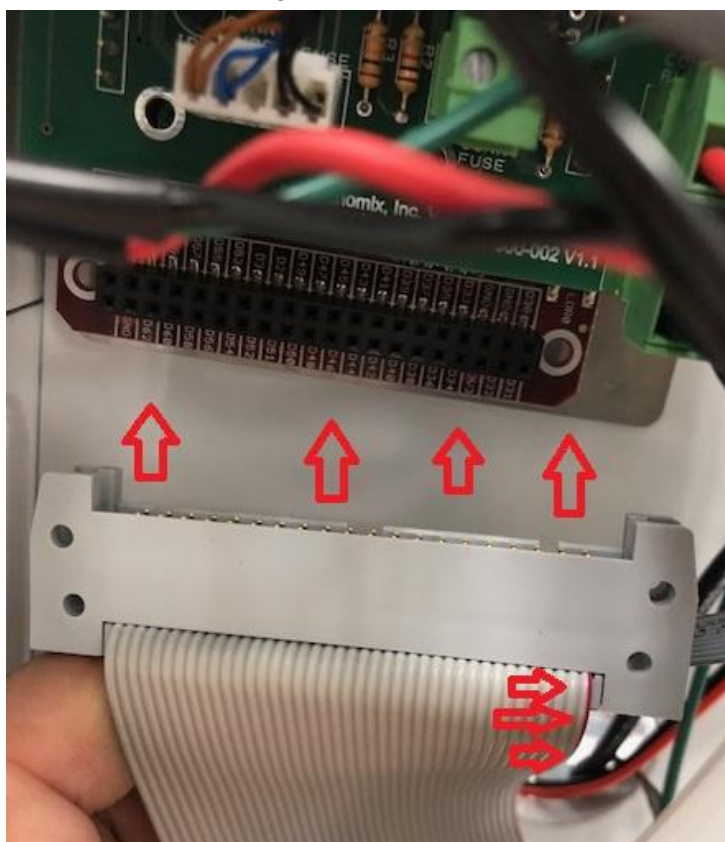


Figure 14.

17. Reattach the stairs, all housings, and the side panel by following a reverse order from the above steps.

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	JAN-03-2023	Service Team