

DSO6054L-01-S

Safety Service Note

Implemented During
Normal Course of
Providing Support

Supersedes:
NONE

DSO6054L Oscilloscope, LXI, 4-channel, 500 MHz

Serial Numbers:

(33 units: MY59450313, MY59450314, MY59450316, MY59450317, MY59450319, MY59450320, MY59450321, MY59450322, MY59450323, MY59450324, MY59450325, MY59450335, MY59450336, MY59450337, MY59450338, MY59450343, MY59450344, MY59450345, MY59450346, MY59450347, MY59450348, MY59450349, MY59450350, MY59450351, MY59450352, MY59450353, MY59450354, MY59450355, MY59450356, MY59450357, MY59450358, MY59450359, MY59450363)

POSSIBLE "SHOCK" HAZARD

WARNING

HAZARD CLASS "3"

The Problem – A Foam Filled EMI Gasket was used in the units listed above. It was implemented in a total of 52 6000L units starting in Nov'2019 with SN: MY5945xxxx in response to a change in EMI qualification. It has been found that the Foam Filled EMI Gasket, if placed incorrectly, may not meet the safety creepage and clearance requirements and could cause a safety risk to the user.

ADMINISTRATIVE INFORMATION

ACTION CATEGORY:	<input type="checkbox"/> ON SPECIFIED FAILURE x AGREEABLE TIME	STANDARDS LABOR: 2.0 Hours	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE (active On-site contract required) x SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNERS	SERVICE: <input type="checkbox"/> RETURN INVENTORY: <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN x SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	EOS	NO CHARGE AVAILABLE UNTIL: ALWAYS	
	x Calibration Required <input type="checkbox"/> Calibration NOT Required	PRODUCT LINE: PL1A AUTHOR: JES	

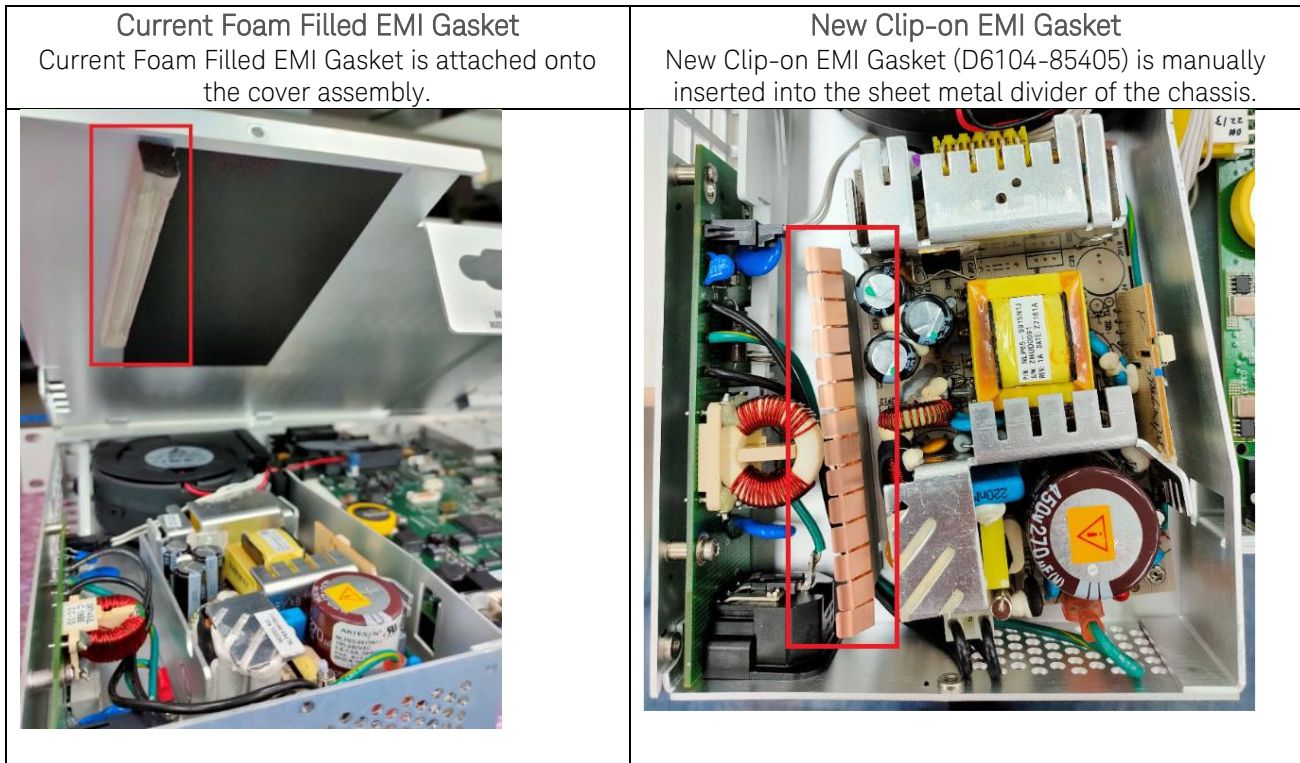
ADDITIONAL INFORMATION:

Parts Required:

P/N	Description	Qty.
D6104-85405	Clip-on EMI Gasket Fingerstock, 3.47 inch length	1
D6104-00104	Cover Assembly	1

Situation:

The current Foam Filled EMI Gasket (implemented in Nov 2019) in the 6000L series scopes was placed incorrectly and may not meet the safety creepage and clearance requirements and could a cause safety risk to the user, therefore the cover assembly and EMI Gasket need to be replaced. **This is ONLY APPLICABLE FOR the units with the designated serial numbers which will be RECALLED back to SSU for repair.**



Solution/Action:

Use the following steps to...

- replace the existing Cover Assembly with a new Cover Assembly without the foam EMI gasket
 - and to apply a new clip-on EMI Gasket Fingerstock (D6104-00104) to the affected units.
1. Remove and scrap the original cover assembly (D6104-00104) with the foam EMI gasket from the scope.
 - Turn off the oscilloscope and disconnect the power cable.
 - Turn the oscilloscope so the bottom is facing up.
 - Using a T10 screwdriver, remove 5 screws from the rear and sides of the cabinet.
 - Slide the bottom cover back and up to remove.

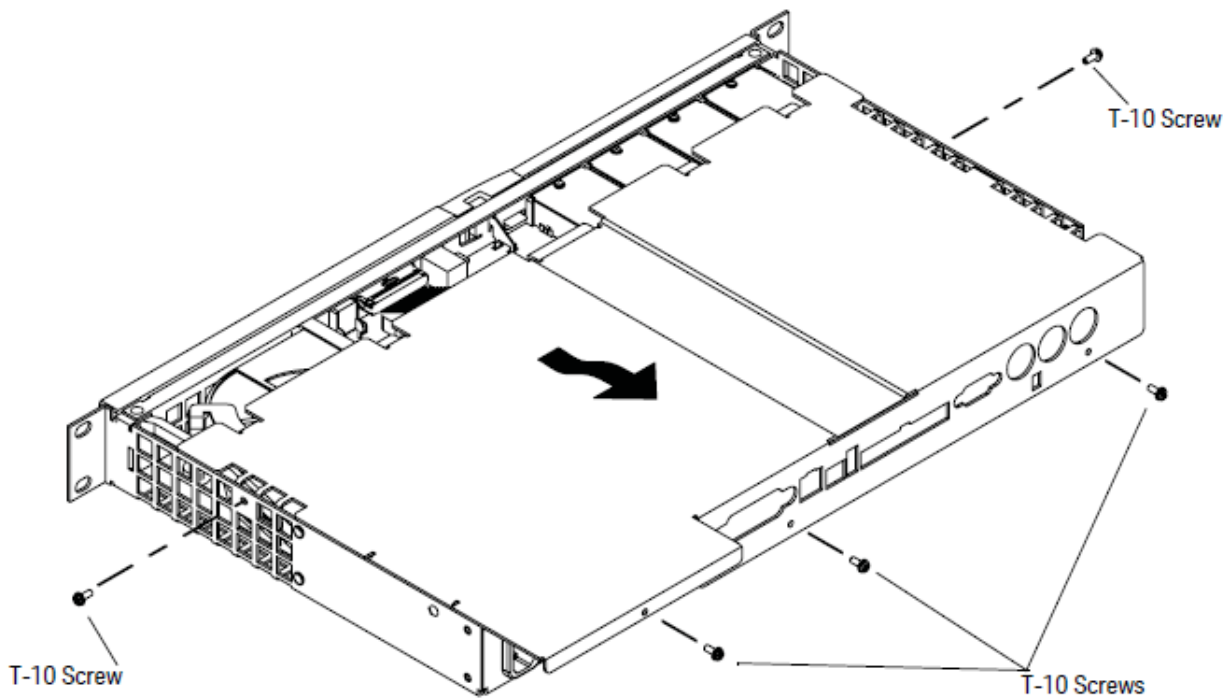
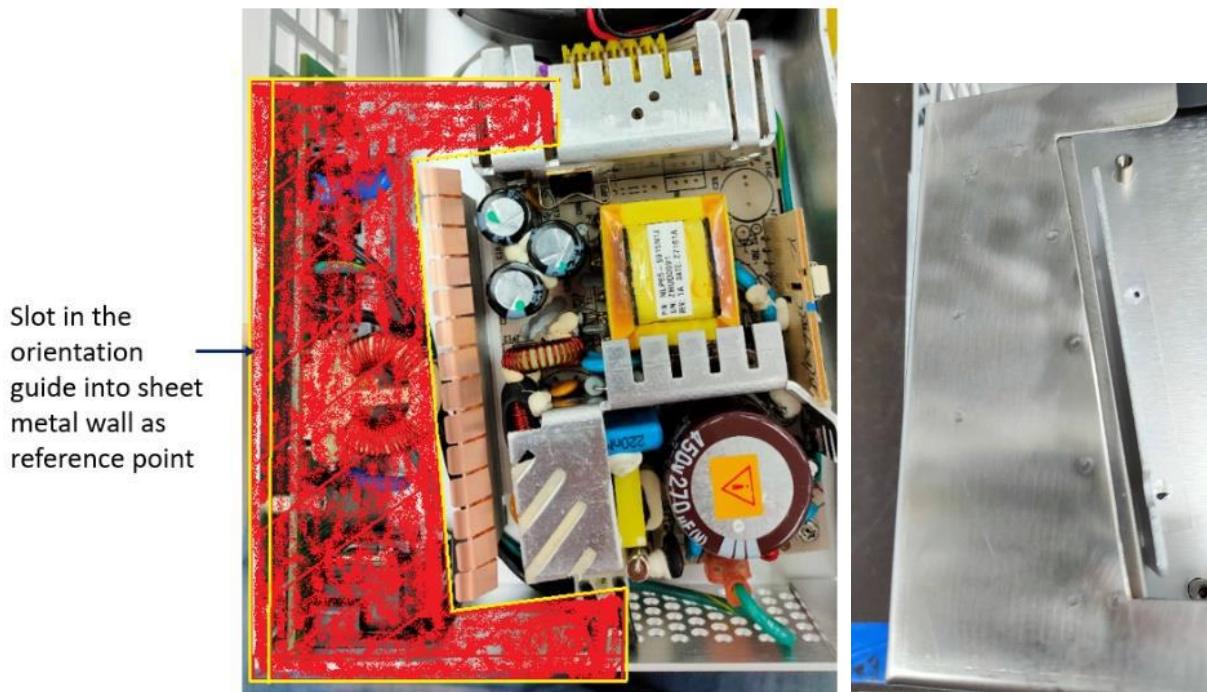


Figure 13 Removing the cover

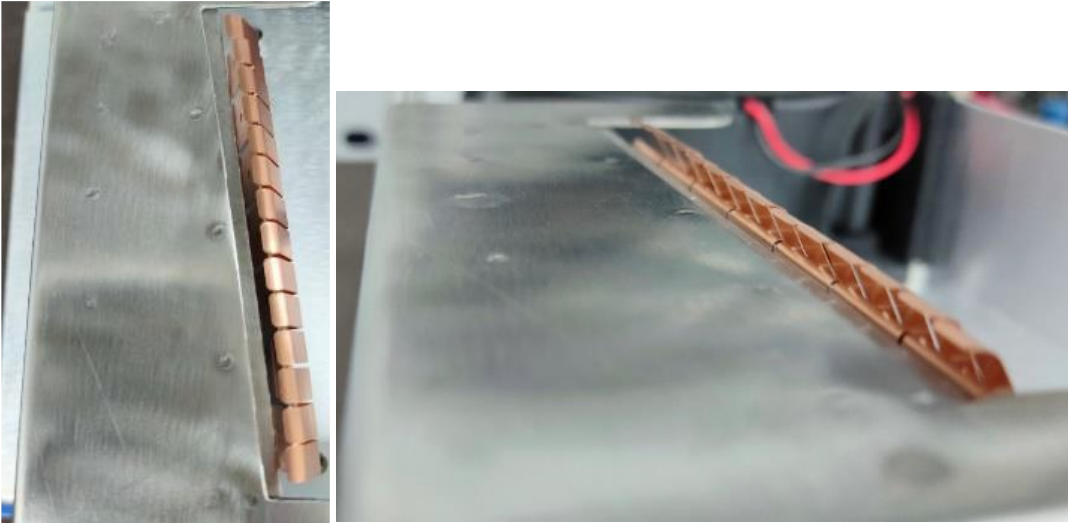
2. Prepare the Gasket Orientation Guide and 1pcs of the new Clip-on EMI Gasket Fingerstock (D6104-85405) as shown below:



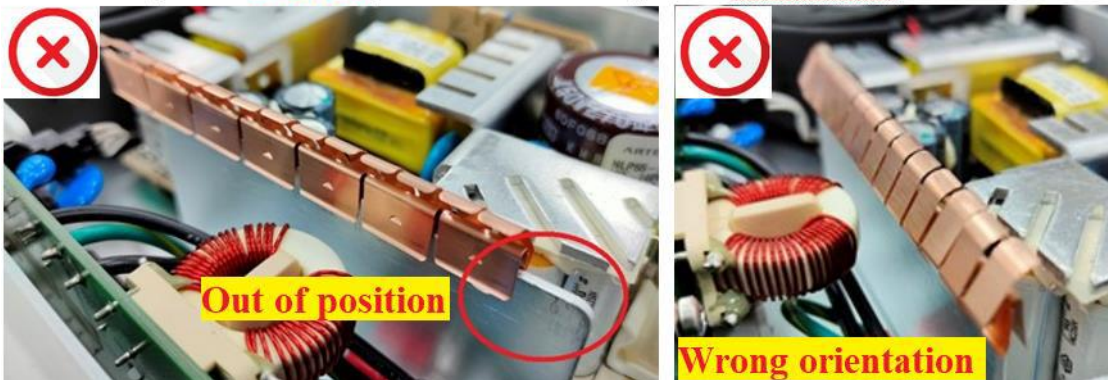
3. Slot in the Gasket Orientation Guide into the chassis as shown in the picture below:



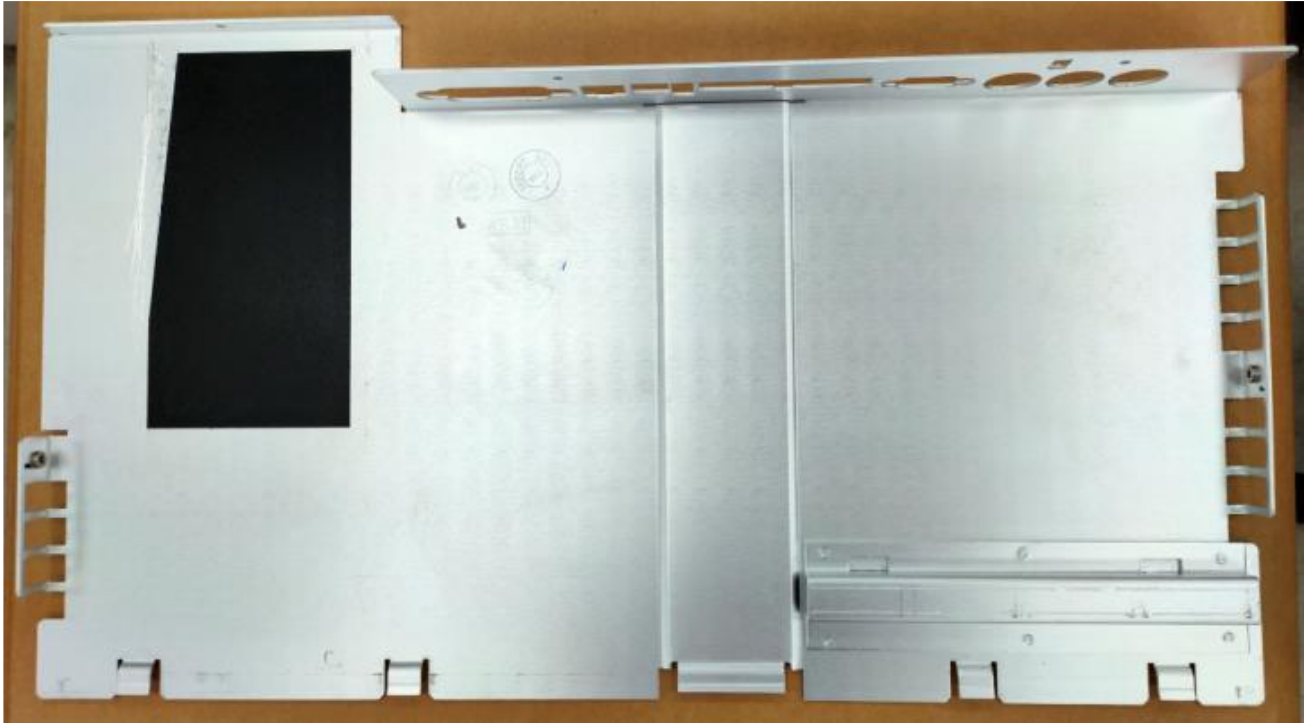
4. Insert the Clip-on EMI Gasket Fingerstock (D6104-85405) into the sheet metal divider and press it with finger force until it is fully inserted as shown in pictures below.



Example of **WRONG** placement of EMI gasket Fingerstock as below:



5. Apply the new Cover Assembly (D6104-00104) WITHOUT an EMI gasket attached to it.



6. Follow the instructions in step 1 in reversion order to assemble the new Cover Assembly (D6104-00104) onto the 6000L Series unit and complete assembly of the unit.

Note:

- If there are other repairs which are not stated in this Service Note, standard procedure will be applied for the other 6000L Series repairs.

Revision History:

Date	Service Note Revision	Author	Reason for Change
15 Oct 2020	01-S	Judith Smith	As Published