

	Doc or ECO #:	ECO-72246-72247-001	Date:	08/03/2020	Author:	SL
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	08/03/2020	Quality Approval:	aeg

P/N #:	72246-72247	Effective Date:	August 3, 2020
Title:	G100 Modem Mounting Hardware		

1.0 Purpose / Summary

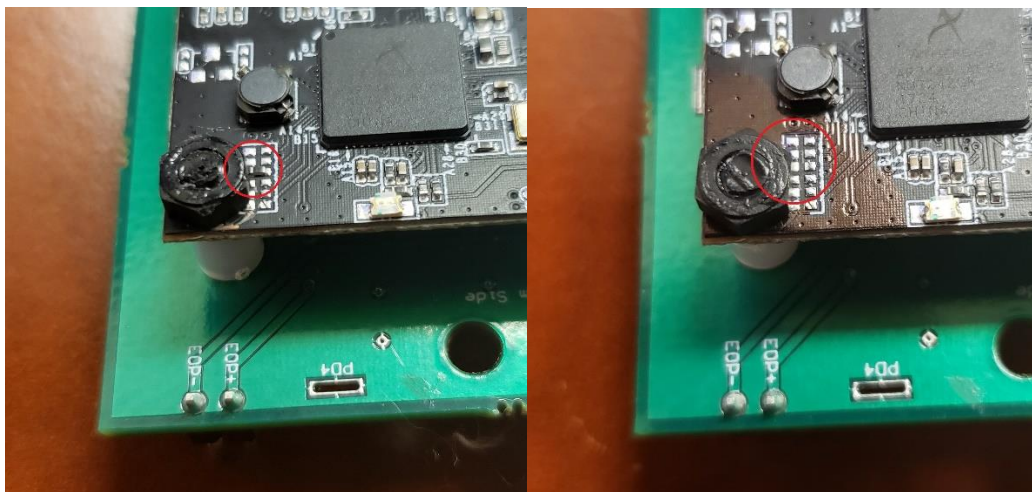
- Due to the mounting hardware overlapping components on the PCB, sometimes components become damaged and or break off causing the assembly to become inoperable. To rectify the issue, we will be switching to hardware with a smaller footprint.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
72246	Top Level Modem Assembly for MSS Panel	☐	☐	☒	B
72247	Top Level Modem Assembly for Comms Module	☐	☐	☒	B
72933	Push-In Rivet	☐	☒	☐	COTS
70194	Nylon Hex Nut	☒	☐	☐	COTS
70193	Nylon Screw	☒	☐	☐	COTS

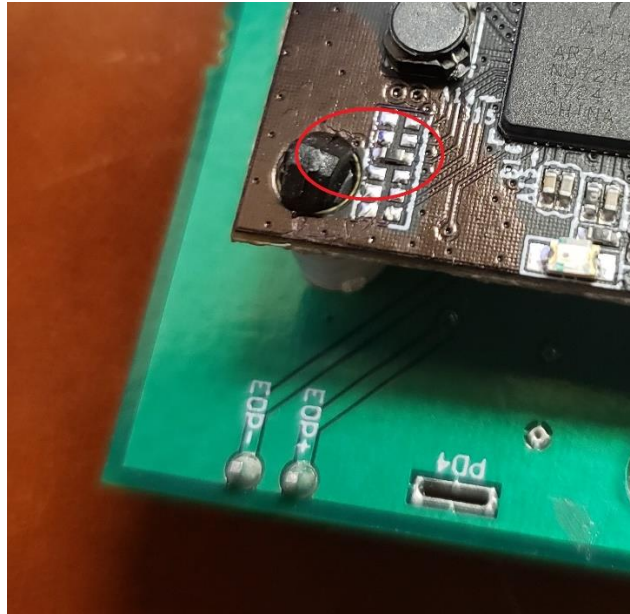
3.0 Detail

- Depending on the placement of the resistor, the mounting nut would overlap and break the resistor off causing the assembly to become inoperable.



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- To correct this issue, we will switch to a barbed push-in rivet that has a smaller footprint. The push-in rivet makes no contact with the resistor while still maintaining a reliable connection between the two PCBs.



4.0 Disposition of Material

- Inspect current stock, if the nut is overlapping the resistor rework using the push-in rivet.

5.0 Action Items

Action	Department	Acknowledgement Initials
Update BOMs	Engineering	SL
Update Epicor	Purchasing	SL
Update GA	Engineering	JV

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6.0 Modified / Referenced Documents:

Document	Current Revision
BOM-72246	B
BOM-72247	B
WI-70191	B
WI-72246	B
WI-72247	B

7.0 Revision History

Date Revised (mm-dd-yyyy)	Location of Change (section, paragraph no., step no., etc.)	Description of Change Made	Name of Person making the Change
08/03/2020	Initial Release	Initial Release	SL