

	Doc or ECO #:	ECO-70844-004	Date:	10/2/2020	Author:	Aeg
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	10/2/2020	Quality Approval:	aeg

P/N #:	70844	Effective Date:	October 2, 2020
Title:	MSS Defender whip clamp addition		

1.0 Purpose / Summary

A better cable strain relief wire clip was added the assembly to reduce stress on the 8 pin whip and 8 pin connector on the power module.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
70844	Top Level Assembly	☐	☐	☒	F
73161	5/16 Inch Stainless Steel Cable Clamp	☐	☒	☐	A
72177	Plastite #10 x 1/2" 18-8 SS	☐	☒	☐	A

3.0 Detail

The small plastic wire clip was in adequate for retaining the 8 pin whip. This would at times lead to excessive strain on the 8 pin connector on the power module. Failures, due to excessive stress, of the power module and the 8 pin whip have been seen.

A new stouter clip replaced the plastic clip.

This upgrade was also performed in the field on the US Navy systems.

Different fasteners have been used at times. A #10 ½" 18-8-SS Fasco was used for the field upgrades. A smaller #8 screw [70982] with washer has been used at times as well.

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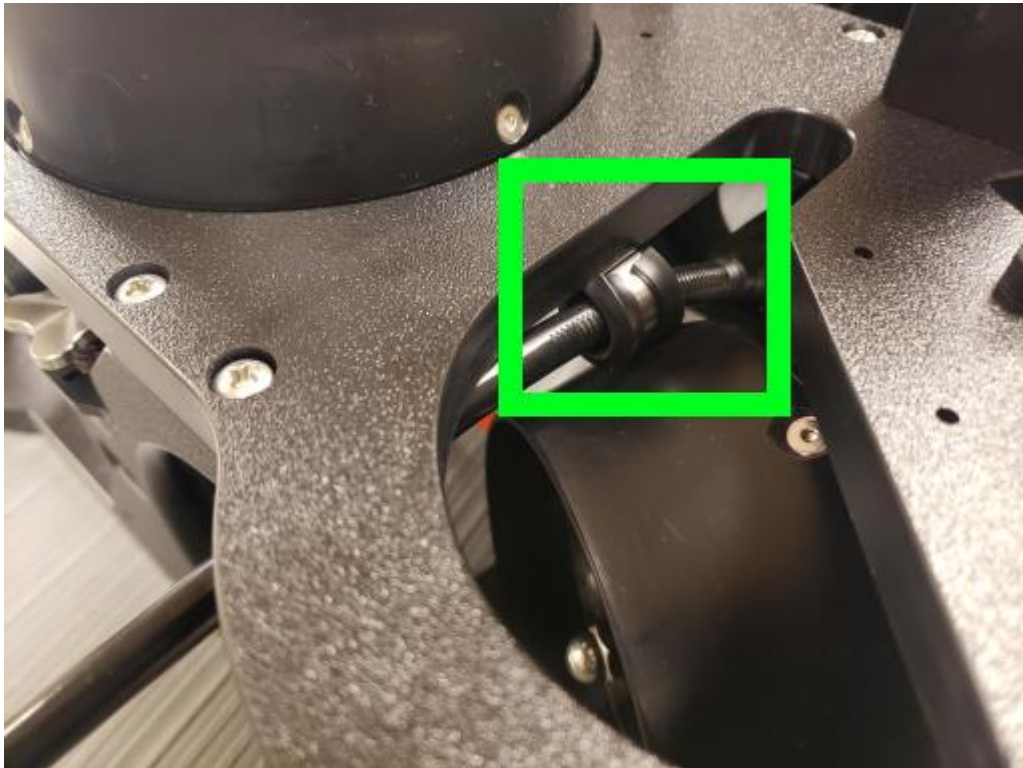


Figure 1. Clip installed on Defender Frame

4.0 Disposition of Material

- N/A

5.0 Action Items

Action	Department	Acknowledgement Initials
Update BOMs	Engineering	aeg
Update Epicor	Purchasing	aeg
Update GA drawing	Engineering	MW

6.0 Modified / Referenced Documents:

Document	Current Revision

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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
10/20/2020	All	Init	aeg