

	Doc or ECO #:	ECO-70892-004	Date:	09/16/2021	Author:	JRK
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	09/16/2021	Quality Approval:	Aeg

P/N #:	70892	Effective Date:	September 16, 2021
Title:	MSS PRO5 Tether Whip and Retention Addition		

1.0 Purpose / Summary

- The purpose of this ECO is to add an 8pin Whip extension to the PRO5, to be similar to the Defender setup, and to add a "D" ring to the tether restraint to prevent chaffing.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
70892	Top Level Assembly	☐	☐	☒	F
DD8-001MF-ASSM	8 Pin Male Female Whip	☐	☒	☐	1
73161	5/16 inch Stainless Steel Cable Clamp	☐	☒	☐	1
73417	Type 316L Stainless Steel High-Strength D-Shackle with Captive Self-Lock Screw Pin, 3/16" Diameter, 600 lb Capacity	☐	☒	☐	1

3.0 Detail

- D-Shackle (D- ring) was added to the PN list
- 8pin Whip and cable clamp were added to the 70892 Top level BOM and assembly drawing
- Production was instructed on how to add the parts to the assembly

Note that parts were added to the top level rather than frame assemble and work instructions were provided as an application note rather than direct work instructions to facilitate field additions. Production can add the clamp during frame assembly or after the fact as per this ECO.

4.0 Disposition of Material

- N/A

5.0 Action Items

Action	Department	Acknowledgement Initials
Update BOMs	Engineering	
Update Epicor	Purchasing	
Update GA Drawing	Engineering	MW

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6.0 Modified / Referenced Documents:

Document	Current Revision
BOM-70892	F
Application Note: Pro 5 Tether Restraint Setup	
70892 – Vehicle Base Assembly GA	F

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
09-17-2021	Initial Release	Added new Extension whip and modified tether restraint	JRK