

	Doc or ECO #:	ECO-71162-001	Date:	3/13/2019	Author:	MW
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	AEG	Date:	03/13/2019	Quality Approval	DO

P/N #:	71162	Effective Date:	March 13, 2019
Title:	Update defender USBL mounting hardware		

1.0 Purpose / Summary

This ECO corrects the mounting hardware used on the MSS Defender USBL mount.

The Assembly revision was also incremented to sync with Epicor

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
71162	MSS DEFENDER KIT BLUEPRINT USBL SYSTEM	☐	☐	☒	C
70865	M4 NYLON Flat Washer BLACK	☒	☐	☐	
70982	PLASTITE #8 X ½" 18-8 SS	☒	☐	☐	
70881	PLASTITE #6 X ½" 18-8 SS	☐	☒	☐	
71079	Updated thickness	☐	☐	☒	R-01

3.0 Detail

The mounting hardware was updated. Previously, there were washers and #8 plastite screws fastening the base (71079) to the top plate of the defender. The washers have been removed and the #8's were replaced with #6 plastites.

P/N 71079 was rev'd from R to R-01 to increase the thickness so that the ½" length screws would not protrude from the bottom side of the top plate.

4.0 Disposition of Material

All hardware are standard items in our inventory, no out of the ordinary acquisitions needed.

No rework will be done.

For current 71079 inventory, the washers may be used with the #6 screws until inventory of parts made to revision R are used up.

	Doc or ECO #:	ECO-71162-001	Date:	3/13/2019	Author:	MW
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	AEG	Date:	03/13/2019	Quality Approval	DO

5.0 Action Items

Action	Department	Acknowledgement Initials
Update General Assembly drawing	Engineering	MW
Publish DWG to sharepoint	Engineering	AG
Update BOM in Epicor	Engineering	RN
Initiate 1 st article procurement	Purchasing	TB

6.0 Modified / Referenced Documents:

Document	Current Revision
71162	C

7.0 Revision History

Date Revised (mm-dd-yyyy)	Location of Change (section, paragraph no., step no., etc.)	Description of Change Made	REV	Name of Person making the Change
03/13/2019		Init Release	A	Mike Willis