

	Doc or ECO #:	ECO-73361-73362-002	Date:	07/27/2022	Author:	SL
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	aeg	Date:	07/27/2022	Quality Approval	aeg

P/N #:	73361 & 73362	Effective Date:	July 27, 2023
Title:	HMI Pod Assembly Improvements		

1.0 Purpose / Summary

The purpose of this change is to create a more efficient assembly process by having the PCB manufacturer mount 74077 at the factory instead of hand soldering them in house

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
73361	Port Pod	☐	☐	☒	C
73362	Starboard Pod	☐	☐	☒	C
74077	2x Headers Removed From 73361 & 73362 Assembly	☒	☐	☐	A
74026	Port Pod PCB	☐	☐	☒	D
74027	Starboard Pod PCB	☐	☐	☒	D
74077	2x Headers Added To 74026 & 74027 Assembly	☐	☒	☐	A

3.0 Detail

In order to reduce assembly time, the 17 pin headers (74077) for the Arduino will now be attached at the PCB manufacturer instead of by hand by our in-house technicians.

4.0 Disposition of Material

Once old stock is depleted switch to the latest revision

5.0 Action Items

Action	Department	Acknowledgement Initials
Update Epicor BOM	Engineering	SL
Update General Assembly	Engineering	JV

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6.0 Modified / Referenced Documents:

Document	Current Revision
BOM-74026	D
BOM-74027	D
BOM-73361	C
BOM-73362	C

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
07/27/2023		Init release	SL