

	Doc or ECO #:	ECO-70218-002	Date:	11/1/2019	Author:	JV
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	11/1/2019	Quality Approval	DO

P/N #:	70218	Effective Date:	November 6, 2019
Title:	General cleanup / Keyboard switch / overlay additions		

1.0 Purpose / Summary

This ECO documents some general BOM clean up and minor revisions for the complete MSS ICB unit.

Old keyboard replaced by new keyboard kit. The full kit includes new keyboard / cable organizer / and keyboard sticker.

Addition of Patch cable for use of auxiliary power ports.

An overlay label was also added to the panel.

Multipin monitor cable that connects panel to monitor has been given its own PN and added to 70218 BOM.

70218 Outline drawing added.

70218 QC check sheet added. -QC-038

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
70218	Updated	☐	☐	☒	G
70228	Old keyboard / ubuntu problems	☒	☐	☐	A
CLS-001M	Dummy cap 8-pin collar; unnecessary	☒	☐	☐	A
71855	IP65 rated keyboard kit	☐	☒	☒	B
71772	Keyboard overlay sticker	☐	☐	☒	B
72241	DC 12V M/M Patch cable, 6"	☐	☒	☐	A
72171	MSS Panel Plate Cover w/ Artwork	☐	☒	☐	A
72279	HDMI 90 Degree Male to Female Right-Angle Adapter	☐	☒	☐	A
72285	External Multipin panel to Monitor Cable	☐	☒	☐	A

3.0 Detail

This ECO captures a few additions the ICB panel. The ICB now includes a male/male DC patch cable (72241) for use with the 12V barrel sockets added to the panel recently within ECO-71095-003.

The old keyboard had issues with UBUNTU 18.04, the right click button doesn't not work within this OS.

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The keyboard kit features a new keyboard that is similar to the old, as well as a cord organizer and the keyboard overlay sticker. The keyboards look so similar that comparison photos have been included within the disposition of material section to avoid a confusion.

The MSS panel plate overlay has also been added to the BOM.

The external Multipin monitor cable has been assigned its own PN and added to the BOM.

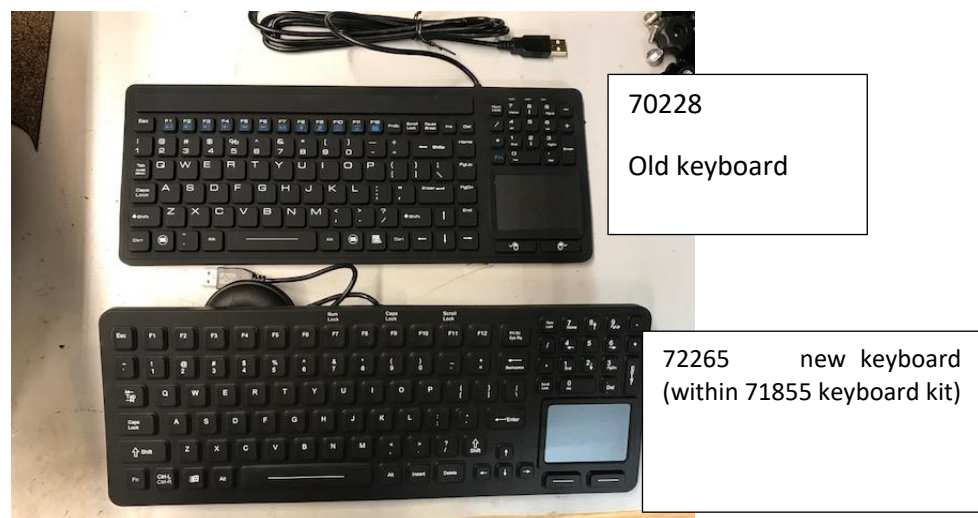
Some BOM hardware cleanup was done as well. McMaster PNs were displayed on the BOM for hardware components that already had an active VR PN; these were updated to the VR PNS. Hardware quantities were also updated to counts from the current production model.

4.0 Disposition of Material

CLS-001M should be kept in inventory for other purposes.

Old keyboards should no longer be used, all ICBS should now receive the 71855 keyboard kit.

Old keyboards (70228) should be stored, not thrown away. They may be useful in the future on different systems with a different version of ubuntu.



5.0 Action Items

Action	Department	Acknowledgement Initials
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Excel BOM update	ENGR	JV
Epicor BOM update	ENGR	RN

6.0 Modified / Referenced Documents:

Document	Current Revision
70218 WI	A
70218 Outline drawing	G
QC-038 created	A

7.0 Revision History

Rev	Date Revised (mm-dd-yyyy)	Location of Change (section, paragraph no., step no., etc.)	Description of Change Made	Name of Person making the Change
001	11/1/2019		Initial submission	JV