

	Doc or ECO #:	ECO-71327-002	Date:	11/17/2020	Author:	JV
	Rev. #:	001				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	12/3/2020	Quality Approval	aeg

P/N #:	71327	Effective Date:	November 16, 2020
Title:	HD Monitor revisions		

1.0 Purpose / Summary

The vendor of our HD monitor was recently changed. During the first two deliveries, notes were taken on how they arrived, their consistency, and potential improvements. This ECO is the product of those observations.

There was a revision jump from C → F to keep our assembly rev in sync with the rev onside of Apollo / Future electronics.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
71327	HD monitor improvements	☐	☐	☒	F

3.0 Detail

Minor issues:

-Kapton tape missing on top left side wire. See photo attached

If this wire is not taped down, it has potential to get caught under mounting surface of the monitor. Perhaps we can define a photo of the wire routing that we can both compare to during the QC inspection.

-Potentiometer not tight. All were able to be loosened by hand.

-Cord grips not tight. All were able to be loosened by hand from the rear of the bezel.

-Heat shrink/label still on HDMI cable. All had to be removed during QC inspection.

-Heat shrink had to be added to monitor multipin cable (already solved in future rev E assembly)

-Filled out/signed QC sheet did not match delivered product. Please assure the QC sheets are being read and not just checked / signed. I can update the QC sheet to better define the inspection checks if necessary. Id also be happy to write a QC WI to pair with the inspection sheet if needed.

	Doc or ECO #:	ECO-71327-002	Date:	11/17/2020	Author:	JV
	Rev. #:	001				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	12/3/2020	Quality Approval	aeg

-fasteners added between display bezel and display backing. See photo



From adam:

Changes confirmed, New revision of assembly will be rev F.

Di-85-044 rev F has been signed and returned to Future / Apollo

4.0 Disposition of Material

All rev C monitors should be used before issuing rev F monitors.

No rework is required of previous revisions at this time.

5.0 Action Items

Action	Department	Acknowledgement Initials
Epicor update for 71327	engr	JV
New orders of 71327 should be rev F	purchasing	JB

	Doc or ECO #:	ECO-71327-002	Date:	11/17/2020	Author:	JV
	Rev. #:	001				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	12/3/2020	Quality Approval	aeg

6.0 Modified / Referenced Documents:

Document	Current Revision
QC-71327	F
DI-085-044	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
11/17/2020		Initial creation	JV