

	Doc or ECO #:	ECO-70606-001	Date:	10/15/19	Author:	SL
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	aeg	Date:	11/5/10	Quality Approval	DO

P/N #:	70606	Effective Date:	November 5, 2019
Title:	HD Camera Internal Electronics Assembly Connector Enhancements		

1.0 Purpose / Summary

This purpose of this ECO is to increase reliability and simplicity of the camera assembly by using an appropriately sized RJ45 connector.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
70606	Camera Sub Assembly	☐	☐	☒	E
72252	RJ45 Connector	☐	☒	☐	A

3.0 Detail

Previously the 9-pin to ethernet connector adaption was being made by splicing an already made ethernet cable end on to the 9-pin wires. This method was overly complicated and created multiple points of failure.

To simplify the process, we will now be using a dedicated RJ45 Connector **[72252]** with appropriately sized contacts so that they can be directly attached to the 9-pin penetrator whip **[70402]** wires.

A new updated version of the instructions has been released alongside this ECO to address missing and or incomplete information from the previous version.

4.0 Disposition of Material

N/A

5.0 Action Items

Action	Department	Acknowledgement Initials
Update Epicor with the latest BOM information	Engineering	RN
Update Drawings and BOM	Engineering	JV
Update Instructions	Engineering	SL

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6.0 Modified / Referenced Documents:

Document	Current Revision
BOM-70606	E
ME-70606	E
WI-70044	B

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
11-5-2019	Initial Release	Initial Release	SL