

	Doc or ECO #:	ECO-52192-002	Date:	12/02/2019	Author:	JRK
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	12/03/2019	Quality Approval	DO

P/N #:	52192	Effective Date:	December 3, 2019
Title:	IP65 Hand Controller Joystick Clearance		

1.0 Purpose / Summary

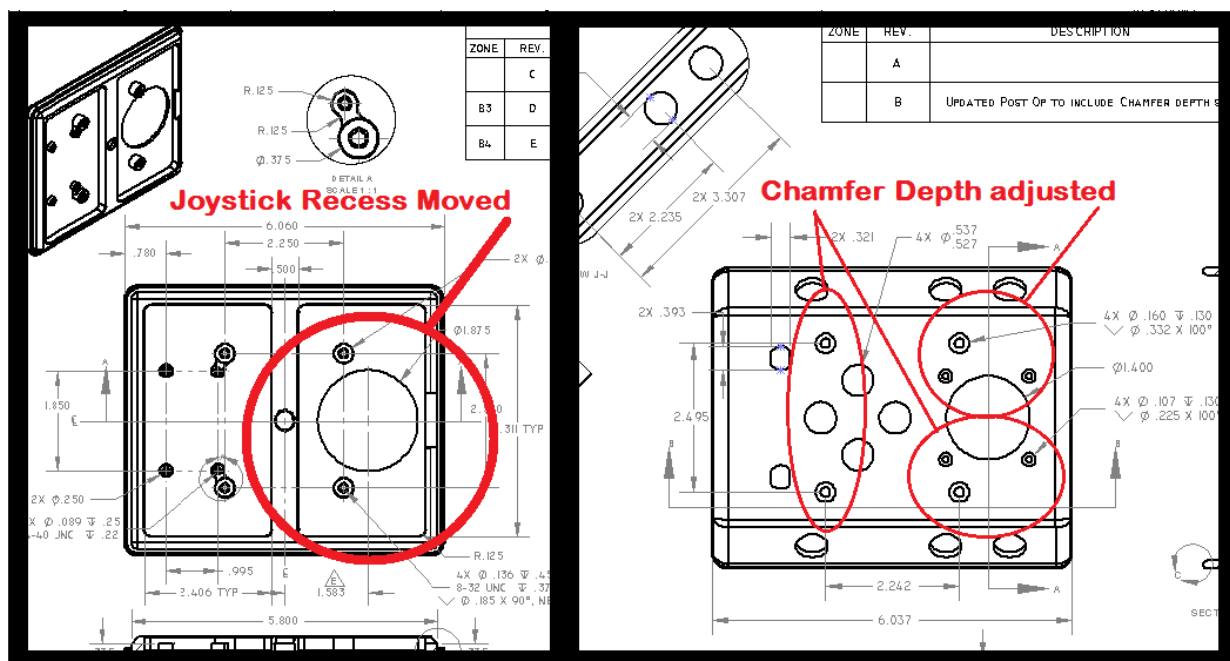
The current design of the relief to fit the joystick in the base was mismatched form the mounting pattern of the top plate, causing the control wires on the base of the joystick to become chaffed and break, causing intermittent control.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
52192	Hand Controller Assembly	☐	☐	☒	C
71652	Bare hand controller assembly	☐	☐	☒	A
52183	IP65 Hand Controller Bottom	☐	☐	☒	E
52185	IP65 Hand Controller Top	☐	☐	☒	B

3.0 Detail

The area where the Joystick meets the base was adjusted to match the mounting points on the top cover. The Top cover screw holes had the chamfers adjusted to recess the screws deeper into the cover, so the labels do not bulge.



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Both top level assemblies that use these parts have been up-reved for tracking purposes.

4.0 Disposition of Material

All Remaining Stock Units have already been modified to meet the updated prints. All current stock is now up to the current revision and ready for use. Epicor should also now use production drawing revisions above with the next order.

5.0 Action Items

Action	Department	Acknowledgement Initials
Re-Worked stock parts [52183, 52185] to match current drawings	PE	JRK
Drawings for parts [52183, 52185] Updated	ENG	JV
Epicor updated	OPS	RN

6.0 Modified / Referenced Documents:

Document	Current Revision

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
12/02/2019		Adjusted Parts to fit Joystick	JRK, JV
2/6/2020	2	Fix rev for 71652	aeg