

	Doc or ECO #:	ECO-70273-003	Date:	05/12/2020	Author:	SL
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	-5/21/2020	Quality Approval:	aeg

P/N #:	70273	Effective Date:	May 22, 2020
Title:	AHRS Sled Rotation Prevention		

1.0 Purpose / Summary

- The purpose of this ECO is to reduce the likelihood of the IMU Sled rotating during assembly.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
70273	Top Level Assembly	☐	☐	☒	F
70371	IMU Board Sled	☐	☐	☒	B
70502	Dowel Pin Increased from .250" to .375"	☐	☐	☒	B
72846	O-Ring	☐	☒	☐	A

3.0 Detail

- The .250" long Dowel Pin being used to prevent rotation on the IMU Board Sled did not make enough contact causing the pin slot to deform and the rotation to be off. To correct the issue the pin length was increased to .375"
- To further increase the strength of the Sled and to reduce the likelihood of deformation more material was added around the pin slot.
- To further decrease the likelihood of the IMU Sled moving an O-ring was added to the board sled to remove any possible motion.

4.0 Disposition of Material

- 70502 – Properly dispose of all Rev A 0.250" Length Dowel Pins

5.0 Action Items

Action	Department	Acknowledgement Initials
Update BOMs	Engineering	SL
Update Epicor	Purchasing	SL
Notify and provide Machine Ships with updated drawings	Purchasing	NS

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6.0 Modified / Referenced Documents:

Document	Current Revision
WI-70273	R-02

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