

	Doc or ECO #:	ECO-51001-51010-51011-52362-001	Date:	12/20/2017	Author:	CH
	Rev. #:	A				
IP65 and Pro4 retention Parts	Engineering Approval:	aeg	Date:	1/17.2018	Quality Approval	DO

P/N #:	51001-51010-51011-52362	Effective Date:	December 20, 2017
Title:	IP65 and Pro4 retention Parts		

1.0 Purpose / Summary

Retention parts were added to Pro4 and Pro4 IP65 panel assemblies to improve ruggedness and avoid loose internal connections during shipping and use in the field.

2.0 Parts Affected

Part Number	Notes	Removed	Added	New	Modified
51001	Pro4 ICB, Standard (PPI)	☐	☐	☐	☒
51010	Pro4 ICB, BlueView with M100 Modem Ready	☐	☐	☐	☒
51011	Pro4 ICB, BlueView with M100 Modem Ready, Integrated Lynn Hawk	☐	☐	☐	☒
51002 (OBSOLETE)	Pro4 ICB, BlueView Ready (PPI)	☐	☐	☐	☒
51003 (OBSOLETE)	Pro4 ICB, BlueView Ready, Integrated LYNN (PPI)	☐	☐	☐	☒
52362	IP65 Rated Pro4 Panel	☐	☐	☐	☒
52224	Cable Retention Insert for Pro4 ICB	☐	☒	☐	☐
52223	Cable Retention Insert for IP65 Panel	☐	☒	☐	☐
52299	USB Adapter Retention Bar for IP65 ICB	☐	☒	☐	☐
52364	LYNN Cable Retention Bracket	☐	☒	☐	☐

3.0 Detail

There have been reports of mechanical connections in Pro4 and IP65 panel assemblies coming lose. As a long-term fix, physical retention parts were added to both panel assemblies to improve ruggedness and avoid loose internal connections during shipping and use in the field. All parts will be drop in, therefore will not require any modifications to the panel assemblies.

Assembly documentation for these changes is provided in order to correctly install the retention parts stated above. IP65 Assembly instructions document includes PN 5223, 52299 and 52364 assembly. Pro4 retention parts include PN 52224 and 52364 assembly.

PN 52223 will address USB HUB power and USB type B connections for IP65

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PN 52224 will address USB HUB power and USB type B connections for Pro4

PN 52299 will address IP65 auxiliary USB type A connections

PN 52364 will address LYNN power and serial connections on the PCB

4.0 Disposition of Material

Update all Pro4 and IP65 panels in stock to include retention parts

Update all incoming RMA Pro4 and IP65 panels with applicable retention parts

5.0 Action Items

Action	Department	Acknowledgement Initials
- Create part numbers and revision in Epicor - Approve First Article for all retention parts	PE	CH
- Reference Rev A for all part numbers stated above - Find location in inventory for parts stated above	Inventory	SL
- Notify Pro4 panel assemblers of the changes stated above. - Provide applicable documentation to Pro4 panel assemblers including drawings - Order retention parts for Engineering FA approval - Order Pro4 panel First Article with retention parts from assemblers for Engineering approval - Purchase retention parts stated above for Production and Repairs use	Purchasing	NS
Update all Pro4 and IP65 panels in stock to include retention parts	Production	KK
Update all incoming Pro4 and IP65 panels with applicable retention parts	Repairs	JK

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6.0 Modified / Referenced Documents:

Document	Current Revision
52362-IP65 Rated Pro4 Panel Assembly Instructions	A
Pro4 USB HUB and LYNN Retention Parts Assembly	A

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
12/20/2017		Initial release	CH