

	Doc or ECO #:	ECO-72916-001	Date:	3/21/23	Author:	JV
	Rev. #:	001				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	6/22/23	Quality Approval	aeg

P/N #:	72916	Effective Date:	June 22, 2023
Title:	2590 battery harness		

1.0 Purpose / Summary

A part of the connector housing of 71650 used within the PPS xx90 harness was changed by the OEM. This resulted in cord grip PN 72651 no longer being a good fit for the connector housing. We replaced it with a better suited cord grip.

An additional screw for the connector housing was also spec'd since the vendor often fails to include screws.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
72916	Xx90 battery harness	☐	☐	☒	B
71650	Newer style 2590 connector; reved to mark change	☐	☐	☒	B
72651	Removed from this BOM but still used in others.	☒	☐	☐	-
72658	Cord grip for 2590 harness connectors	☐	☒	☐	A
72657	#5 x 1/2" FHPS Screw for 2590 battery harness connectors	☐	☒	☐	A

3.0 Detail

The thru hole of the connector housing became larger which made the standard cord grip undersided for the job. A few different cord grips were ordered and test fitted to choose its replacement.

The bossed screw holes in the connector housing also seemed to be larger so a screw of appropriate size was chosen for the assembly.

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4.0 Disposition of Material

All old styles of the 2590 battery connector should be used to exhaustion.

Old and new styles of the 2590 battery connector can be used, however they should not be mixed within the same assembly of 72916.

5.0 Action Items

Action	Department	Acknowledgement Initials
Update Epicor	ENGR	JV
Update WI-71850-73250-001 to REV D (separate 72916 into its own doc)	ENGR	JV / BM

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6.0 Modified / Referenced Documents:

Document	Current Revision
WI-71850-73250-001	C (needs to get updated)

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
6/22/2023		Init	JV