

	Doc or ECO #:	ECO-72854-001	Date:	03/30/2021	Author:	aeg
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	aeg	Date:	4/20/2021	Quality Approval:	aeg

P/N #:	72854	Effective Date:	January 13, 2022
Title:	Temporary thruster fill kit coupler replacement		

1.0 Purpose / Summary

- Pandemic related supply chain issues make 72854 unobtainable. Temporarily a different part will be used.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
51465K161	Mcmaster part for coupler	☐	☒	☐	COTS
9452K15	Required O-ring	☐	☒	☐	COTS
72854	Unobtainable Nylon Coupler	☒	☐	☐	COTS

3.0 Detail

The nylon coupler is unavailable with extremely long lead times.

In place of this couple a more expensive brass coupler [51465K161] can be used as a cross. The brass coupler requires the use of an o-ring [9452K15] to ensure fitment.

Since this is a temporary situation, and these are COTS hardware (consumables) non stocking parts no adjustment to the BOM or WI will be done at this time. We will re-evaluate if the supply situation for the as designed part does not improve.

4.0 Disposition of Material

- Use temporary parts until nylon couplers are available again.

5.0 Action Items

Action	Department	Acknowledgement Initials
Train production	Engineering	aeg
Purchase temporary parts as needed	Purchasing	RM

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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
3/29/2022	All	Init	aeg