

Engineering Department

Engineering Change Order (ECO)

ECO #: ECO-SK-001-4S-T-001

Effective Date: December 21, 2016

Title: Upper skid pod assembly modification for Blueview use

Author: aeg
Engineering Approval: aeg
Operations Approval: John Vestri

Date: December 21, 2016
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Revisions:

Date	Change Made	Section	Author
January 23, 2017	Correct check box pdf conversion mistake	Parts Affected	AEG

Summary:

This ECO describes the production modification of the upper skid pod(s) for use when mounting the blueview skid (non slim mount).

This corrective action addresses the latch cracking issue caused by excessive stress on over flexing of the post modified skid latch.

The problem is remedied by the installation of wedge that prevents excessive stress on single sided latch.

Parts Affected:

Part Number	Notes	Removed	Added	Modified
SK-001-4S-T-001	Upper skid	☐	☐	☒
52211	91771A101_18-8 SS Flat Head Phillips Machine Screw	☐	☒	☐
52212	Blueview Skid Pod Wedge	☐	☒	☐
52213	Blueview modified skid pod latch left	☐	☒	☐
52214	Blueview modified skid pod latch right	☐	☒	☐

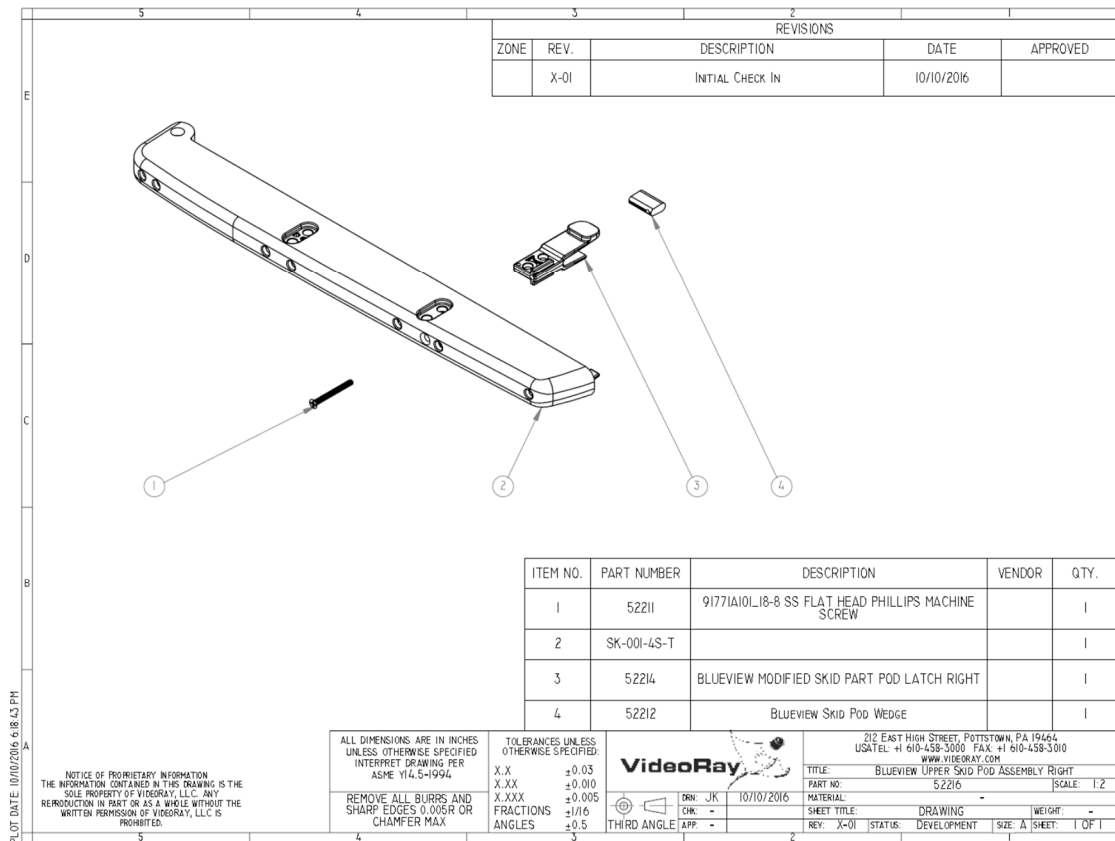
Detail:

Part number SK-001-4S-L is modified as is currently done to support mounting of the blueview sonar.

Part number 52212 is inserted into the latch and secured with flat head machine screw (52211)

Drawings for 52213 and 52214 document the required modification to SK-001-4S-L.

Installation should be self-explanatory from the exploded view assembly drawings for parts 52215 & 52216.



Action Item:

Action	Department	Acknowledgement Initials
Publish production instruction addendum	Engineering	AEG
Purchase 52211 & 52212 for stock	Purchasing	NS
Implement modification in production ROV moving forward	Production	KK
Implement modification in repairs	Repairs	JK

Modified / Referenced Documents:

Document	Current Revision
52213.pdf	X-01
52214.pdf	X-01
52215.pdf	X-01
52216.pdf	X-01

-- END OF ORDER --