

	Doc or ECO #:	ECO-50278-002	Date:	1/16/19	Author:	JMW
	Rev. #:	D				
Engineering Change Order (ECO)	Engineering Approval:	aeg	Date:	1/16/19	Quality Approval:	DO

P/N #:	50278	Effective Date:	January 16, 2019
Title:	BLUEVIEW SLIM MOUNT REDESIGN		

1.0 Purpose / Summary

The Slim mount has been known to have a few design flaws. Some of which include, stuck weights, stuck weight retainers, and overall issues when mounting to the ROV. The assembly has been modified to correct user issues and make the design more user friendly.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
50278	BLUEVIEW SLIM MOUNT ASSEMBLY	☐	☐	☒	D
50200	Weight tray retainer	☐	☐	☒	B
50201	Weight tray	☐	☐	☒	C
50202	Sonar housing left	☐	☐	☒	B
50203	Sonar housing right	☐	☐	☒	B
50205	Center Bracket	☐	☐	☒	E
71787	Thumb screw head for #10 socket head	☐	☒	☐	
71788	#10 captive panel screw	☐	☒	☐	
71789	Retainer for #10 captive panel screw	☐	☒	☐	

3.0 Detail

- 50200 was changed from a molded part to a machined part. It features captive panel thumb-screws for installation. Old versions of 50200 will not fit this assembly.
- 50201 was modified in overall dimensions to allow for weight pocket modifications, its bolt pattern where mated to 50205 has also changed. Old versions of 50201 will not fit this assembly.
- 50202 & 50203 has been modified to fit the 2250 sonar in tilt-up position. We will still order the same molded part but will have them all post machined.
- 50205 was modified to make clearance for the 2250 sonar in tilt-up position. Its bolt pattern where mated to 50201 has changed. Therefore 50205 will not work with older revisions of 50201, or vice versa.
- 71787, 71788, 71789 have been added to make the install / removal of 50200 easier.

4.0 Disposition of Material

Old Stock should be used up to make as many 50278 Rev A assemblies as we can. They should be used to satisfy any blueview orders that do **NOT** require a 2250.

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REV A assemblies may be scrapped once production qty of new material is in, at the discretion of operations.

In no case can any old revision of: 50200, 50201, and 50205 fit this current assembly. Stock cannot be reworked to fit.

5.0 Action Items

Action	Department	Acknowledgement Initials

6.0 Modified / Referenced Documents:

Document	Current Revision
Work instructions	B

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