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SBE P/N 50427

DATE	REV	REVISION RECORD	AUTH	DR	CHK

SBE Water Bottle Repair Kit

Kit Contents

SBE P/N	Part Description	Primary SBE Application	QTY
233575	SBE55, 4 Liter Frame, Lanyard Guide D-ring	Used to route lanyards	1
233587	SBE55 Water Bottle, Cap	Seals the end of the bottle,	2
233650	SBE55 4 Liter Bottle Power Cord	Retains caps to water bottle	1
30664	Nicopress Oval Sleeve, 18-1-C	Crimps onto monofilament line to make lanyards	12
30665.1	Monofilament Line, .080" OD, Bulk Per Foot	Used to make lanyards	6
30772	Brass Snap Hook For Bottle Lanyard	Secured to cap by monofilament line	1
30773	Plastic Lanyard Ball	Placed on lanyards to provide safe spot to hold the line	1
50424	SBE Water Bottle Drain Fitting Kit	Used to replace drain fitting	1
50425	SBE Water Bottle Air Bleed Kit	Used to replace air bleed valve	1
50426	SBE Water Bottle O-ring Kit	Spare o-rings for drain fitting, air bleed valve, and caps	1

Refer to SBE55 manual for making and rigging lanyards.

Parent Part Number:

SBE Drawings:

41616

Related Assembly:

Drawings:

Sea-Bird Electronics Procedure

PROCEDURE NUMBER: **67185**

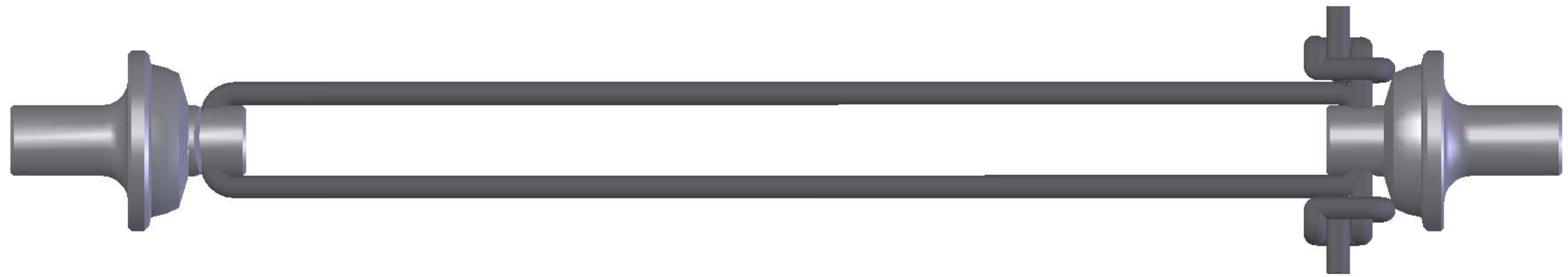
TITLE: **SBE PN 50427 SBE Water Bottle Repair Kit**

REVISION:

EFFECTIVE DATE: **07/03/2007**

CHECKED BY: PC PAGE 1 of 1

DATE	REVISION	DESCRIPTION	AUTH	DR	CHK



1. Cut a 26 inch section of tubing (PN 70173).
2. Tie a knot tightly onto both ends of the tubing.
3. Lubricate the tubing near one of the knots with isopropyl alcohol.
4. While stretching the tubing, slide it into the slat on the cap until the tubing rests fully inside the hole.
5. Pull the tubing until the knot rests firmly against the side of the cap.
6. Repeat using the other knot so that the two sections of tubing run opposite directions of each other within the hole as shown.
7. Install the bottle onto the frame to provide support while pulling the power cord taught.
8. Using a hook, pull the power cord from the top through the bottle until the cap rests firmly on the bottom of the bottle.
9. Lubricate the loop of tubing with isopropyl alcohol.
10. While pulling the tubing taught, slide it into the slat on the other cap.
11. Make sure to align the slats in the caps to allow the lanyards to open them properly without the power cord detaching. The top cap's slat should face away from the frame. The bottom cap's slat should face toward the frame.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	SEA-BIRD ELECTRONICS, INC.	
DIMENSIONS ARE IN INCHES		DRAWN	PC	08/03/07	1808 - 136th PLACE NE, BELLEVUE, WA 98005
TOLERANCES:		PROPRIETARY AND CONFIDENTIAL		425-643-9866	
FRACTIONAL ±		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SEA-BIRD ELECTRONICS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SEA-BIRD ELECTRONICS, INC. IS PROHIBITED.		TITLE:	
ANGULAR: ± 2 BEND ±		COMMENTS:		SBE55 4 Liter Water Bottle Power Cord Assembly	
.XX ± .01 TYP RAD .015		DEBUR AND BREAK SHARP EDGES		P/N: Varies	
.XXX ± .005		Old Part/Draw Info		SIZE	DWG. NO.
MACHINED SURFACES		N/A /N/A		B	41616
INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5M - 1994		SCALE: 1:2		REV	
MATERIAL		SHEET 1 OF 1			
FINISH N/A					
DO NOT SCALE DRAWING					