



# SEA-BIRD ELECTRONICS, INC.

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SBE P/N 50324

DATE	REV	REVISION RECORD	AUTH	DR	CHK
8/2/02	A	Changed Kit PN Per Price List	CB	CB	CB
07.03	B	Fixed Three typos	MJ	MJ	
2/18/04	C	Replaced Battery Cover Plate PN	CB	KLP	
1/18/06	D	Update Connectors	CB	CB	

## SBE SEACATplus-IM Seaspares Support Kit, MCBH

### KIT CONTENTS

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
171192	Conn., Locking Sleeve MCDLS-F	Locking sleeves for connectors	2
171497	Conn., MCDC-2-F, Female Dummy FOR MCIL/BH-2MP	Dummy plug for 2 pin bulkhead connector	1
171498	Conn., MCDC-6-F, Female Dummy For MCIL/BH-6MP	Dummy plug for 6 pin bulkhead connector	1
172019	Connector, MCBH-2MP(WB), TI, 2 pin Bulkhead	2 pin spare bulkhead connector	1
172022	Connector, MCBH-6MP(WB), TI, 6 pin Bulkhead	6 pin spare bulkhead connector	1
30388	Vinyl tube, 3/4" x 1/2"	Main sensor plumbing tubing	7 ft
30409	Teflon Tape	Tape for insides of hose clamps	7 ft
30411	Triton X100, 500ml	Triton solution for cell cleaning	1 btl.
30457	Parker O-Lube	O-Ring Lubricant	1 tube

### OTHER KITS & ASSEMBLIES

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
50087	Cell Filling & Storage Device	Refer to SBE PN 50087 Specific Kit Document	1
50273	SBE 16/19 Small Hardware Spares	Refer to SBE PN 50273 Specific Kit Document	1
50274	SBE 16/19 Spare O-Rings	Refer to SBE PN 50274 Specific Kit Document	1
801294	Seacat Battery Cover Plate	Spare cover plate for Battery compartment	1

### A. Installing Bulkhead Connectors

1. Remove old bulkhead and re-tap hole with 1/2-20 tap to clean surfaces.
2. Apply Loctite primer to hole. Twist wires on bulkhead while primer dries.
3. Apply Loctite to 1<sup>st</sup> 2 threads only of bulkhead, and screw into place. Use a crescent wrench to insure that bulkhead is very tight.

### B. Replacing Sensor Plumbing

1. Use the included plumbing (30388) for all applications.
2. Route sensor plumbing along as linear as possible a pattern.
3. Refer to included graphic for an idea of how to plumb a standard CTD system.

### Sea-Bird Electronics Procedure

PROCEDURE NUMBER: 67133

TITLE: SBE SEACATplus Seaspares Support Kit

REVISION: D

EFFECTIVE DATE: 01/18/2006

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