



SEA-BIRD ELECTRONICS, INC.

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SBE P/N 50276

DATE	REV	REVISION RECORD	AUTH	DR	CHK
07.03	B	Fixed four typos	DB	MJ	
2.19.04	C	Upgraded Battery Cover PCB	CB	KLP	
7.08.04	D	Add PN 171888	CB	KLP	
5.29.09	E	Removed PN 171888	CB	PC	

SBE SEACATplus Seaspares Support Kit

KIT CONTENTS

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
17044.1	2 pin female dummy with lock cap	Dummy plug for 2 pin bulkhead connector	1
17046.1	4 pin female dummy with lock cap	Dummy plug for 4 pin bulkhead connector	1
17047.1	6 pin female dummy with lock cap	Dummy plug for 6 pin bulkhead connector	1
17628	6 pin bulkhead connector	6 pin spare bulkhead connector	1
17652	2 pin bulkhead connector	2 pin spare bulkhead connector	1
17654	4 pin bulkhead connector	4 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

CABLES

SBE P/N	Part Description	Primary SBE Application	QTY
801225	Cable, Profiler data I/O, 9-Pins	Spare data I/O cable for 4 pin Seacat connectors	1

OTHER KITS & ASSEMBLIES

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
50087	Cell Filling & Storage Kit	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
50275	SBE19+ Spare Magnetic Switch	Refer to SBE PN 50275 Specific Kit Document	1
41124A	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 1st 2 threads only of bulkhead, and screw into place. Use a crescent wrench to insure that bulkhead is very tight.

B. Installing a new Switch

1. New switch comes complete and assembled.
2. Remove old switch, remove screws from new switch and install new switch in its place
3. ON should face toward the battery endcap.
4. Inside the cell guard, magnet be in position directly opposite the 'ON', and beveled edge should face the cell.

C. 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: 67104

TITLE: SBE SEACATplus Seaspares Support Kit

REVISION: E

EFFECTIVE DATE: 5/29/2009

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