



# SEA-BIRD ELECTRONICS, INC.

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SBE P/N 50328

DATE	SYM	REVISION RECORD	AUTH	DR	CHK
6/1/04	A	UPDATE BATTERY COVER	CB	CB	
8/22/06	B	UPDATE CONN & BATTERY COVER	CB	CB	
9/20/07	C	Update 4 Pin Connector	CB	PC	

## SBE 17plus SEARAM MCBH(AL) Spare Support Kit

### Spare Parts and Hardware

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
171192	Plastic Locking Sleeve	Locking sleeves for dummy plugs	2
171398	4 Pin Female Dummy Plug	Dummy plug for 4 pin bulkhead connector	1
171498	6 Pin Female Dummy Plug	Dummy plug for 6 pin bulkhead connector	1
171796	13" 6 Pin to 6 Pin Cable	17plus to 9plus interface cable	1
172025	Connector, 4 Pin Bulkhead	Replace I/O Connector	1
172026	Connector, 6 Pin Bulkhead	Replacement Auxiliary Connector	1
23155.1	Switch, w/ Plunger, Magnet	Replacement magnetic switch assembly	1
30044	Seacat Anode, 1"	Spare anodes for corrosion prevention	1
41124B	SeacatPLUS Battery Cover PCB	Spare cover plate for Battery compartment	1

### Other Included Kits

SBE P/N	Part Description	Primary SBE Application	QTY
50051	17plus Hardware & O-Ring Kit	Refer to SBE PN 50051 Specific Kit Document	1
50092	Seacat Jackscrew Kit	Refer to SBE PN 50092 Specific Kit Document	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. Installing Anodes

1. Remove old anode and re-tap hole with 10-28 tap to clean surfaces.
2. Thread the anode in just past hand tight, Do not use any lubricants or loctites.

### C. Install External Magnet Assembly

1. Inject holes with DC-4
2. Clean and lubricate with Super-O the endcap surface, and the magnet mount (23156) surfaces, as well as one O-Ring (30080).
3. Install Switch mount with O-Ring, and 2 screws (30178), coated in Loctite 242.
4. Install magnet only to the first notch. If it is fully installed, the switch will be turned on.

### Sea-Bird Electronics Procedure

PROCEDURE NUMBER: 67136

TITLE: SBE 17plus SEARAM MCBH Spare Support Kit

REVISION: C

EFFECTIVE DATE: 09/20/2007

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