



## SEA-BIRD ELECTRONICS, INC.

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SBE P/N 50141

DATE	REV	REVISION RECORD	AUTH	DR	CHK
10.03	A	Remove Anode References	MJ	DB	
2.19.04	B	Upgraded PCB Board	CB	KLP	

### SBE 17plus SEARAM Titanium Spare Support Kit

#### *Spare Parts and Hardware*

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
17043	Plastic Locking Sleeve	Locking sleeves for dummy plugs	2
17046	4 Pin Female Dummy Plug	Dummy plug for 4 pin bulkhead connector	1
17047	6 Pin Female Dummy Plug	Dummy plug for 6 pin bulkhead connector	1
17132	13' 6 Pin to 6 Pin Cable	17plus to 9plus interface cable	1
17628	Connector, 6 Pin Bulkhead	Replacement Auxiliary Connector	1
17654	Connector, 4 Pin Bulkhead	Replace I/O Connector	1
23155.1	Switch, w/ Plunger, Magnet	Replacement magnetic switch assembly	1
41124A	SeacatPLUS Battery Cover PCB	Spare cover plate for Battery compartment	1

#### *Other Included Kits*

SBE P/N	Part Description	Primary SBE Application	QTY
50092	Seacat Jackscrew Kit	Refer to SBE PN 50092 Specific Kit Document	1
50140	17plus Ti Hardware & O-Ring Kit	Refer to SBE PN 50140 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. 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: 67135

TITLE: **SBE 17plus SEARAM Ti Spare Support Kit**

REVISION: **B**

EFFECTIVE DATE: **02/19/2004**

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