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SBE P/N 60023

DATE	SYM	REVISION RECORD	AUTH	DR	CHK

SBE37 SM/IM Spare hardware & O-Ring Kit

O-Ring Contents

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
30857	Parker, 2-033E515-70	Battery Endcap O-Rings	2

Hardware Contents

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
30149	Mach Screw, 6-32 x 5/8 PH SS	Secures Battery Retainer Plate	2
30633	Washer, 1/4" Split ring lock, Ti	For Mount Guard Hardware 30875	2
30859	Mach Screw, 8-32 x 3/8" FH Ti	Secures Sensor Guard to Housing	2
30875	Bolt, 1/4-20 x 5/8" Hex Ti	Secures Mount Guard to Housing	2
30879	Clamping Knob	Used to pull battery compartment out of housing	1

Replacing the Batteries on SBE 37 Microcats

1. Remove battery endcap hardware: 2 screws, (30859), and carefully remove endcap.
2. Remove stainless steel retainer screw (30149) and replace with clamping knob (30879). Only screw in the knob a couple of turns, or it will catch on the battery pylon, which is non-removable.
3. Pull battery compartment out of housing, and remove clamping knob.
4. Remove retainer plate, and swap batteries. Replace retainer plate and knob.
5. Slide battery compartment back into housing. Knob must align with screw hole in battery pylon or batteries will not seat correctly. When batteries "snap" into place, remove clamping knob, and replace with stainless screw (30149). Tighten screw until secure, with moderate tension.
6. Replace O-Rings. Remove old O-Rings with a non-abrasive tool, and replace with new ones. Lubricate with silicon based lubricant before installing endcap.
7. Secure endcap with 2 titanium screws (30859).

Sea-Bird Electronics Procedure

PROCEDURE NUMBER: 67032

TITLE: SBE37 SM/IM Spare O-Ring and Hardware

REVISION:

EFFECTIVE DATE: 11/07/2002

CHECKED BY:

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