SBE

SEA-BIRD ELECTRONICS, INC.
1808 136th Place N.E., Bellevue, Washington 98005 USA
Telephone: (425) 643-9866   Telex: 292915 SBEI UR
Fax: (425) 643-9954   email: seabird@seabird.com

DATE	SYM	REVISION RECORD	AUTH	DR	CHK

SBE P/N 60024

SBE 37SI Spare O-Ring and Hardware Kit

Kit Contents

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
30123	Mach screw, 4-40 x ¼ PH SS	Retaining Rod screw	1
30857	O-Ring, 2-033E515-60	Microcat Endcap O-Ring	2
30859	Mach screw, 8-32 x 3/8 FH Ti	Microcat endcap and Sensor Guard Retaining screws	2

Endcap Parts Replacement

A. Retaining Rod Screw
1. In the event that this screw should come loose from the retaining rod, you may replace the screw.
2. Run a 4-40 bottom tap about ¼" into the rod to clean out old Loctite.
3. Use Loctite primer and permanent Loctite to fasten the new screw into the rod.
4. Hold rod tight in a vise, but be sure not to bend it, and thread the screw tight.

B. O-Ring Replacement
1. Use a static free wipe to clean out o-ring grooves on endcap and seating surface on housing.
2. Lubricate new o-ring with silicone-based lubricant, such as Parker "Super-O".
3. Also, use a clean brush to apply a thin, smooth film of lubricant in the o-ring grooves and on the seating surface.
4. Be sure entire area is free of any dust or particles before installing new o-ring and sealing the endcap.

C. Sensor guard hardware
1. Be sure to apply a liberal coating of NeverSeez to all screws before installing them into titanium.
2. If screw begins to bind at all, stop immediately. Titanium screws will bind and seize easily.
3. If you have a screw that is binding, remove it, and run it through a die. Also run a tap through the screw hole.
4. *When using a tap and die on titanium, use NeverSeez both on the tool and in the hole. Also, go back and forth, very slowly, so as not to damage any parts or break the die.*

Parent Part Number: 60024
SBE Drawings:
   xxxxx
          xxxxx

PROCEDURE NUMBER: **67083.1**
TITLE: **SBE 37SI Spare O-Ring and Hardware Kit**
REVISION:
EFFECTIVE DATE: **05/20/99**
CHECKED BY: _____