



# SEA-BIRD ELECTRONICS, INC.

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SBE P/N 50069

DATE	REV	REVISION RECORD	AUTH	DR	CHK
9.24.03	A	Added PN 30242	CB	KLP	
2.26.04	B	Fixed desc for 30816, 30377, & 30254	CB	KLP	

## SBE 25 Small Hardware & O-Ring Spare Kit

### KIT CONTENTS

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
50087	T/C Duct Cell Filling & Storage Kit	Conductivity Cell Storage	1

### HARDWARE

SBE P/N	Part Description	Primary SBE Application	QTY
30145	Mach Screw, 6-32 x 1/2 PH SS	Battery Endplate Retainer Hardware	3
30237	Washer, #10 Nylon	SBE 25 Connector Endcap, Plastic Housing	4
30242	Washer, #6 Flat, SS	Battery Retainer Cover Plate Hardware	3
30254	Washer, 1/4" Split Ring Lock	Interfacing Cage to Hardware (30377)	4
30267	Screw Insul, #8 x 1/2	SBE 25 Connector Endcap, Aluminum Housing	8
30377	Bolt, 1/4-20 x 1-1/4 Socket SS	Securing Mount Blocks to cage; Closing Mount Blocks	4
30424	Mach Screw, 10-24 x 2 PH SS	SBE 25 Connector Endcap, Plastic Housing	4
30425	Mach Screw, 8-32 x 2 PH SS	SBE 25 Connector Endcap, Aluminum Housing	4

### O-RINGS

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
231002	Backup Ring for L-Seal, LS001	Conductivity Cell L-Seal Backup	1
231004	Backup Ring for L-Seal, LS021	All Sensor (Except SBE 4) Main Endcap L-Seal Backup	1
30072	O-Ring, Parker, 2-017N674-70	Universal Bulkhead Connector O-Ring	9
30090	O-Ring, Parker, 2-153N674-70	Universal Battery Endcap Face Seal	1
30804	L-Seal, LS001	Conductivity Cell L-Seal	1
30806	L-Seal, LS021	All Sensor (Except SBE 4) Main Endcap L-Seal	1
30813	Morrison Seal, .026 Hole, .41OD	SBE 3F / 3plus Temp Probe Morrison Seal	1
30815	O-Ring, Parker, 2-233N674-70	Universal Connector Endcap Piston O-Ring Seal	1
30816	O-Ring, Parker, 2-234E603-70	Universal Battery Endcap Piston O-Ring Seal	1

### Sea-Bird Electronics Procedure

PROCEDURE NUMBER: 67030

TITLE: SBE 25 Small Hardware & O-Ring Spare Kit

REVISION: B

EFFECTIVE DATE: 02-26-2004

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### APPLICATIONS:

#### HARDWARE USAGE:

SBE 25 Sealogger:

SBE Application	Manufacturer P/N	SBE P/N	QTY
Install Battery Retainer Plate	Machine Screw, 6-32 x 1/2", SS	30145	
For Aluminum endcaps when using Plastic Housings	Washer, #10, nylon	30237	
Install Battery Retainer Plate	Washer #6, Flat, SS	30242	
For Aluminum endcaps when using Aluminum Housings	Screw Insulator, #8 x 1/2"	30257	
Connector Endcap Hardware, with Plastic Housings	Machine Screw, 10-24 x 2, PH, SS	30424	
Connector Endcap Hardware, with Aluminum Housings	Machine Screw, 8-32 x 2, PH, SS	30425	

Sensors Installed on SBE 25 Sealogger:

SBE Application	Manufacturer P/N	SBE P/N	QTY
For Proper Storage of Cell	TC-duct Filling & Storage Kit	50087	
For Assembling Mount gear to cage Hardware, 30254	Bolt, 1/4-20 x 1-1/4", socket	30377	
For Installing Mount Blocks on Cage	Washer, 1/4" Split Ring Lock	30254	

#### O-RING USAGE:

SBE 25 Sealogger:

SBE Application	Manufacturer P/N	SBE P/N	QTY
All Endcap Bulkhead Connectors	Parker O-Ring, 2-017N674-70	30072	
SBE 25, Battery Endcap Face Seal	Parker O-Ring, 2-153N674-70	30090	
SBE 25, Connector Endcap Piston O-Ring	Parker O-Ring, 2-233N674-70	30815	
SBE 25, Battery Endcap Piston O-Ring	Parker O-Ring, 2-234E603-70	30816	

Sensors Installed on SBE 25 Sealogger:

SBE Application	Manufacturer P/N	SBE P/N	QTY
All Endcap Bulkhead Connectors	Parker O-Ring, 2-017N674-70	30072	
SBE 4, L-seal for Cell Penetrator	Parker L-Seal, LS001	30804	
SBE 4, backup for L-seal, penetrator	Backup ring For SBE 30804	231002	
SBE sensor endcaps, except SBE 4	Parker L-Seal, LS021	30806	
SBE sensors, backup for L-Seal	Backup ring for SBE 30806	231004	
SBE 3, Temperature probe Morrison Seal	Morrison Seal, .026 hole, NIT	30813	

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