



# SEA-BIRD ELECTRONICS, INC.

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DATE	REV	REVISION RECORD	AUTH	DR	CHK
1.21.04	A	Fixed PN's and Descriptions	DB	KLP	

SBE P/N 50106

## SBE21-T Spare Hardware & O-Ring Kit

### Hardware Contents

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
30200	Bolt, 3/8-16 x 3-3/4" Hex	I/O Endplate to Water Jacket	4
30210	Nut, 3/8-16 nylon stop	I/O Endplate to Water Jacket	4
30257	Washer, 3/8 flat	I/O Endplate to Water Jacket	8
30362	Nut, 6-32 nylon stop	Install Boardset to Sensor endcap	1
30491	Screw, 8-32 x 5/16 PH, Ti	Cell Guard to Housing	2
30444	Mach screw 10-24 x 1/2" Hex	Cell Guard to Endcap	2
30445	Screw, 10-24 x 3/4" RH, Ti	Cell Tray to Endcap	2
30493	Bolt, 10-24 x 1-1/4" Hex, Ti	SBE 21 Endcap to Electronics Housing	4

### O-Ring Contents

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
30072	O-ring, Parker 2-017N674-70	Bulkhead Connectors	4
30092	O-ring, Parker 2-363N674-70	SBE 21 I/O Endplate to water jacket	1
30390	O-ring, Parker 2-012N674-70	Titanium Thermosalinograph Cell Tray Face Seal	1
30809	Morrison Seal, 0.047ID x 0.41 OD, Nitrile, SBE Dwg 21018	Morrison seal for Thermosalinograph Temperature Probe	1
30815	O-ring, Parker 2-233E603-70	Thermosalinograph Endcap	1

### APPLICATIONS:

#### Thermosalinograph Electronics Application

SBE P/N	Part Description	Primary SBE Application	QTY
30362	Nut, 6-32 nylon stop	Install Boardset to Sensor endcap	
30491	Screw, 8-32 x 5/16" PH, Ti	Cell Guard to Housing	
30444	Mach screw 10-24 x 1/2" Hex	Cell Guard to Endcap	
30445	Screw, 10-24 x 3/4" RH, Ti	Cell Tray to Endcap	
30493	Bolt, 10-24 x 1-1/4" Hex Ti	SBE 21 Endcap to Electronics Housing	
30072	O-ring, Parker 2-017N674-70	Bulkhead Connector O-Rings	
30390	O-ring, Parker 2-012N674-70	Titanium Thermosalinograph Cell Tray Face Seal	
30809	Morrison Seal, 0.047ID x 0.41 OD, Nitrile, SBE Dwg 21018	Morrison seal for Thermosalinograph Temperature Probe	
30815	O-ring, Parker 2-233E603-70	Thermosalinograph Endcap	

#### Water Jacket Assembly Application

SBE P/N	Part Description	Primary SBE Application	QTY
30200	Bolt, 3/8-16 x 3-3/4 Hex	I/O Endplate to Water Jacket	
30210	Nut, 3/8-16 nylon stop	I/O Endplate to Water Jacket	
30257	Washer, 3/8 flat	I/O Endplate to Water Jacket	
30092	O-ring, Parker 2-363N674-70	SBE 21 I/O Endplate to water jacket	

### Sea-Bird Electronics Procedure

PROCEDURE NUMBER: 67021

TITLE: SBE 21 Hardware & O-Ring Spares

REVISION: A

EFFECTIVE DATE: 1/21/2004

CHECKED BY:

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