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SBE P/N 50274

DATE	REV	REVISION RECORD	AUTH	DR	CHK
2.17.2004	A	Add detail to desc. for PN 30090	CB	KLP	

SBE 16plus/19plus O-Ring Spares Kit

KIT CONTENTS

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
30070	Parker, 3-904N674-70	Paine Pressure Sensor Mounting Seal	2
30072	Parker, 2-017N674-70	Bulkhead connector O-Ring	5
30087	Parker, 2-232N674-70	Buffer for top retainer for PCB sandwich assembly	1
30090	Parker, 2-153N674-70	Battery Endcap face seal, not for use in the IM	2
30507	Parker, 2-206N674-70	Water seal between each duct piece and cell ends	4
30801	Parker, 5-374 E603-70	Used at base of battery bulkhead for water seal / buffer	1
30802	Parker, 2-110DURO70, ethylene	Titanium Cond. Cell Tray Face Seal (Groove Surface)	2
30809	Morrison seal, .047 " hole, NIT	Temp probe Morrison seal	1
30816	Parker, 2-234E603-70	(1) Battery Endcap piston seal; (2) Sensor Endcap O-Rings	6

APPLICATIONS:

Sensor Endcap

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
30072	Parker, 2-017N674-70	Bulkhead connector O-Ring	1/bkhd
30507	Parker, 2-206N674-70	Water seal between each duct piece and cell ends	2
30802	Parker, 2-110DURO70, ethylene	Titanium Cond. Cell Tray Face Seal (Groove Surface)	1
30809	Morrison seal, .047 " hole, NIT	Temp probe Morrison seal	1
30816	Parker, 2-234E603-70	Sensor Endcap piston O-Ring	2

Battery Endcap

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
30090	Parker, 2-153N674-70	Battery Endcap face seal, not for use in the IM	1
30816	Parker, 2-234E603-70	Battery Endcap piston O-Ring	1

Internal Druck Sensor

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
30070	Parker, 3-904N674-70	Paine Pressure Sensor Mounting Seal	1

Internal Battery Compartment

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
30087	Parker, 2-232N674-70	Buffer for top retainer for PCB sandwich assembly	1
30801	Parker, 5-374 E603-70	Used at base of battery bulkhead for water seal / buffer	1

A. Old O-Ring Removal

1. Use a plastic spatula, or other NON-ABRASIVE, soft tool to pry in underneath.
2. Pull back until O-Ring stretches out of its groove, and cut it. DO NOT scratch the seating surface.
3. Discard old O-Ring immediately to insure it does not get accidentally reused.

B. New O-Ring Installation

1. Inspect O-Ring thoroughly, insuring it is completely free of all dust and debris before applying any lubricant. *Never clean with any abrasive material.*
2. Lubricate O-Ring lubricant. This should be a **silicone-based lubricant**. *Never use petroleum based lubricants on any SBE O-Rings.*
3. Slip O-Ring into seating groove. *If you must slide O-Ring over boards or any sharp edges, use a smooth plastic tool as a liner.*
4. Always close and seal the sensor as soon as possible after replacing an O-Ring or L-Seal.
5. Always clean and lubricate an O-Ring or L-Seal and its seating surfaces thoroughly before installing.

SBE DRAWING: N / A

TITLE:

REV:

Sea-Bird Electronics Procedure

PROCEDURE NUMBER: 67102

TITLE: SBE 16plus/19plus O-Ring Spares Kit

REVISION: A

EFFECTIVE DATE: 02/17/2004

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