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SBE P/N 60032

DATE	SYM	REVISION RECORD	AUTH	DR	CHK
02.99	A	Added Shipping Sheath Instructions	MJ	EBR	
11.02	B	Add Desiccant Can, Remove Tygon	MJ	CB	
07.03	C	Remove Connector Endcap refernces	MJ	DB	

SBE 39 Standard Spares Kit

O-RINGS

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
30806	L-Seal, LS-021	Endcap L-Seals	2
231004	Backup Ring for LS-021	Backup Ring for Endcap L-Seals	2
60039	SBE39 Desiccant Packs, 1gm- 25 ea	Replace Desiccant bag every time you open the sensor	1 can

A. REPLACING THE BATTERY

1. Unscrew endcap slowly, and carefully pull SBE 39 sensor assembly out of housing.
2. Hold Battery connector plates with your thumb while replacing 9V battery.
3. Backfill the sensor with Argon or another Noble gas if available.
4. Replace the L-Seal and backup ring, and carefully screw sensor back together.
5. Make sure there are no stray parts or wires caught in threads as you close the sensor.
6. Install a new desiccant bag, and reseal the can.

B. REPLACING THE L-SEAL

1. Remove the old L-Seal
 - a. Grab backup ring with fingernails or smooth pliers, and pull it free.
 - b. Use a plastic spatula, or other NON-ABRASIVE, soft material to pry in underneath L-Seal.
 - c. Pull back so L-Seal stretches out of its groove, and cut it. Make sure not to scratch the L-Seal seating surface.
 - d. Discard of old L-Seal and backup ring immediately to insure they do not get accidentally reused.
2. Installing the new L-Seal
 - a. Make sure L-Seal is free of all dust and debris before applying any lubricant. Never clean with any abrasive material.
 - b. Lubricate L-Seal with O-Ring lubricant. This should be a silicone-based lubricant. Never use petroleum based lubricants on any SBE O-Rings.
 - c. Slip L-Seal over endcap, such that notched portion faces toward the boardset.
 - d. Lubricate Backup ring and wrap around the notch. Seat both pieces firmly with tip of finger.
 - e. Always close and seal the sensor as soon as possible after replacing an O-Ring or L-Seal.
 - f. Always clean and lubricate an O-Ring or L-Seal before installing it.
3. Install a new desiccant bag, and reseal the can.

Sea-Bird Electronics Procedure

PROCEDURE NUMBER: 67028

TITLE: SBE 39 Standard Spares Kit

REVISION: C

EFFECTIVE DATE: 07/16/2003

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