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SBE P/N 60032.1

DATE	SYM	REVISION RECORD	AUTH	DR	CHK
08.01	A	Added Sensor Endcap O-Ring	MJ	RB	CB

SBE 39 (Low Pressure Paine) Spares Kit*Spare Parts*

SBE P/N	Part Description	Primary SBE Application	QTY
30084	O-Ring, Parker, 2-220N674-70	Sensor endcap to Housing O-Ring	2
30558	Silicagel Desiccant, 1 gram	Moisture absorption for interior of sensor	2
30932	O-Ring, Parker, 2-023N674-70	Sensor endcap to Pressure Sensr O-Ring	2

A. REPLACING THE BATTERY

1. Unscrew connector 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.

B. Replacing the desiccant bags.**1. NOTES**

- a. *When working with open sensors and with desiccant bags, make sure your hands are clean and completely dry.*
- b. *Never allow a broken desiccant bag to remain in the sensor.*
2. Inside the Brown tube
 - a. To remove the tube, you will need to remove the battery, and unscrew the 2 battery plate retaining screws.
 - b. Remove battery plate, and carefully slide off the tube.
 - c. Replace desiccant such that it will not be able to damage or interfere with any internal wiring of the sensor.
 - d. Replace all parts in same manner as you removed them.
3. By the battery
 - a. Simply remove the old desiccant and tuck the new one in place against back of PCB and secured with the rubber band.

C. Replacing O-Rings

1. *When working with o-rings, always make sure your hands are clean.*
2. *Always use silicone-based lubricant, never oil or petroleum-based.*
3. Remove old o-ring and clean out groove with a clean, soft brush.
4. Lubricate new o-ring, o-ring groove and seating surface with fresh o-ring lube.
5. Replace o-ring and close sensor immediately to avoid allowing debris to settle on the lubricant.

Sea-Bird Electronics Procedure

PROCEDURE NUMBER: 67085

TITLE: **SBE 39 (Low Pressure Paine) Spares Kit**

REVISION: A

EFFECTIVE DATE: 11/25/2002

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