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SBE P/N 60042

| DATE | REV | REVISION RECORD | AUTH | DR | CHK |
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SBE 39 Standard Spares Kit, V2

Kit Contents

| SBE P/N | Part Description | Primary SBE Application | QTY |
|---------|-----------------------------------|------------------------------------------------------|-------|
| 31274 | O-RING, PARKER 2-029 E603-70 | End cap O-Rings | 4 |
| 60039 | SBE39 Desiccant Packs, 1gm- 25 ea | Replace Desiccant bag every time you open the sensor | 1 can |

Procedure for SBE 39

A. REPLACING THE BATTERY

1. Unscrew end cap 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 O-Rings, 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 O-RINGS

1. Remove the old O-Ring
 - a. Use a plastic spatula, or other NON-ABRASIVE, soft material to pry in underneath O-Ring.
 - b. Pull back so O-Ring stretches out of its groove, and cut it. Make sure not to scratch the O-Ring seating surface.
 - c. Discard of old O-Ring immediately to insure they do not get accidentally reused.
2. Installing the new O-Ring
 - a. Make sure O-Ring is free of all dust and debris before applying any lubricant. Never clean with any abrasive material.
 - b. Lubricate O-Ring with O-Ring lubricant. This should be a silicone-based lubricant. Never use petroleum based lubricants on any SBE O-Rings.
 - c. Slip O-Ring over end cap and into the O-Ring groove..
 - d. Always close and seal the sensor as soon as possible after replacing an O-Ring.
 - e. Always clean and lubricate an O-Ring before installing it.
3. Install a new desiccant bag, and reseal the can.

Sea-Bird Electronics Procedure

PROCEDURE NUMBER: 67159

TITLE: SBE PN 60042 SBE 39 Standard Spares Kit, V2

REVISION: --

EFFECTIVE DATE: 2/1/2005

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