

Instruction Sheet

RDO[®] Fast Cap Replacement Kit

Part Number 0077700

Kit Contents

- RDO Fast Cap (blue)
- O-rings (2)
- O-ring lubricant
- Lens cloth
- Instruction sheet

Replace the Sensor Cap

The sensor cap has a 1-year typical life, and a 15-month total life, after the instrument takes its first reading. Install the cap by the date printed on the package. Replacement caps are available from In-Situ Inc., or from your authorized In-Situ distributor. This cap can be used on the smarTROLL MP and smarTROLL RDO instruments.

- ✓ Do not allow moisture, including atmospheric humidity, inside the cap. Keep the cap in its sealed package until you are ready to install it. Install promptly. Make sure that O-ring grooves are dry and that the O-rings are not rolled or pinched inside the cap.

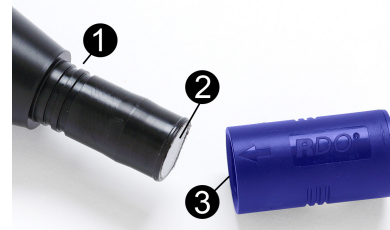
1. Remove the restrictor from the instrument.
2. Without twisting, pull the used sensor cap off of the sensor.
3. Remove the existing O-rings from the sensor.
4. Use a lint-free cloth to remove any moisture from the sensor body.

- ✓ Make sure that the O-ring grooves are dry. Avoid touching or cleaning the lens with anything other than the supplied lens cloth.

5. Use your finger to apply a thin layer of lubricant around the O-ring grooves. Place the O-rings on the sensor.

- ✓ Do not transfer lubricant to the lens or sensor pins.

6. Clean the lens on the sensor with the cloth provided in the kit and allow the lens to dry thoroughly. Inspect for scratches or dirt.
7. Remove the new cap from its sealed package.
8. Align the arrow on the cap with the index mark on the sensor and press it firmly, without twisting, until it seals over the probe body. Make sure that the O-rings are not pinched or rolled between the cap and sensor.
9. Replace the restrictor.
10. Perform a 2-point calibration, if desired, as described in the instrument manual.



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| 1 | Lightly coat with lubricant. Install 2 O-rings. |
| 2 | Clean lens and allow to dry. |
| 3 | Replace cap in a dry environment. |