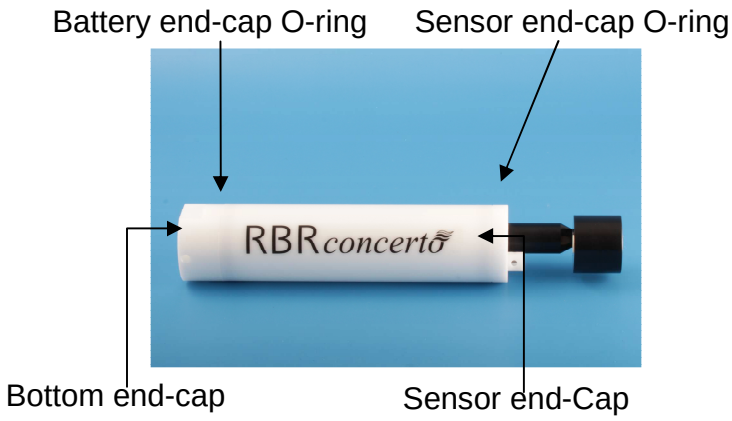
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SUPPORT KIT FOR DATA LOGGERS

Proper maintenance of the O-ring is a simple, low-cost, preventative measure that can prolong the life of your logger. Any kind of water leak can damage the electronic circuitry beyond repair and also cause valuable data loss. The pressure integrity of the logger depends on the O-ring seals and not on the tightness of the screw thread. The logger can be adequately closed by hand (no wrenches are necessary). **Contact RBR for additional Support Kits: info@rbr-global.com**

To ensure your electronics remain dry during deployment, we suggest the following:

1. **O-rings should be replaced regularly.** There are two O-rings on the RBR*duo*, RBR*concerto, and* RBR*virtuoso*, one on the battery end-cap and one on the sensor end-cap. The battery end-cap O-ring should be checked each time you replace the batteries, and replaced as necessary. The sensor end-cap O-ring should be checked each time the sensor end-cap is opened and be replaced once a year. To open the logger to access the O-rings, delicately turn the end-cap(s) counter clockwise**.**



2. **O-rings should be seated in a clean groove**. Gently clean all grease and dirt from the O-ring grooves, end cap surfaces, and logger body end bores.

3. **New O-rings should have a thin layer of silicone applied.** If the groove is smooth and clean, apply a thin film of silicone grease to the O-ring groove. Roll on the new O-ring from the end. Install it swiftly to prevent permanent stretching. After it is properly seated, apply a thin layer of silicone to the outer surface of the new O-ring.

4. **Batteries should be checked.** If you have any doubts about the state of your batteries, replace them. See the mechanical section of the User Manual for battery removal instructions.

5. **Use desiccant**. Internal condensation can result if humidity is trapped in the instrument. Desiccant should always be used. Condensation can cause the circuitry to malfunction.
This Support Kit consists of: 10 O-rings, desiccant, one O-ring removal tool and silicone grease

RBR Ltd., 95 Hines Road, Unit 5, Kanata, Ontario, Canada K2K 2M5
Tel: +1 613 599 8900 Fax: +1 613 599 8929 info@rbr-global.com