

Tools Required:

1. Philips #1 Screwdriver
2. Isopropyl Alcohol (if available)
3. Lint free, clean cloth

Kit Contents:

1. Cover Screws (x2)
2. Sensor Cover (x1)
3. Cleaning Beads (x20)
4. Impeller (x1)
5. Wear Ring (x1)

Assembly Overview:

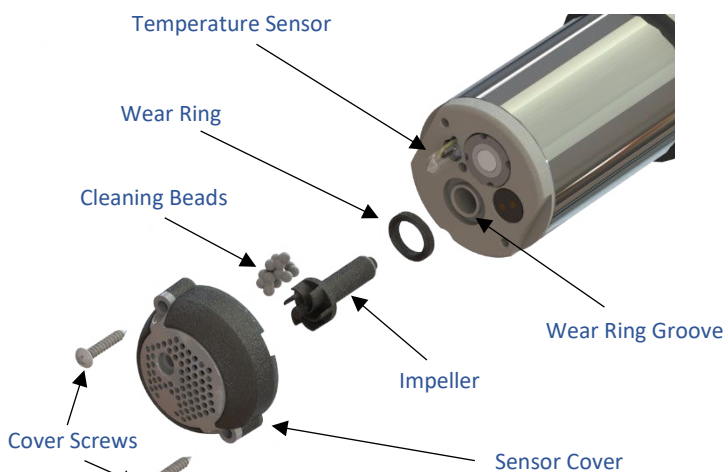


Figure 1: Exploded assembly - bottom view.

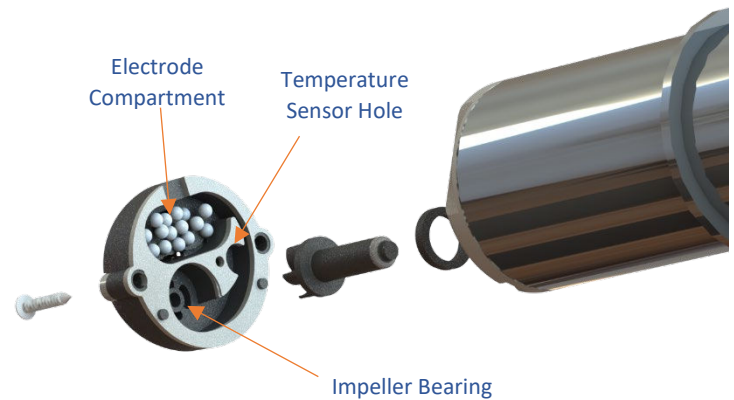


Figure 2: Exploded assembly - correct cleaning bead location.

To remove wear parts: Remove 2x cover screws from sensor cover. Maintain pressure on sensor cover and rotate sensor vertical. Remove sensor cover and screws from sensor end while keep sensor vertical. Remove impeller from impeller well. Impeller is magnetically coupled and should be removed easily. Remove wear ring. All removed parts can be discarded. If fouling present, permissible to clean sensor end with Isopropyl Alcohol and lint free cloth. Take care not to scratch electrode surface.

To install new wear parts: Remove parts from replacement wear kit. Install new wear ring into wear ring groove. Install new impeller into impeller well. Place 15 cleaning beads into sensor end cover (Figure 2). Beads must only be present in the electrode compartment. Align temperature sensor and impeller with respective holes in sensor cover. Lower sensor into sensor cover. Twist cover gently until sensor cover guide pins drop into sensor end. Holding sensor cover in place, insert, and tighten 2x cover screws until there is no gap between sensor cover gasket and sensor end. To prevent motor binding, do not overtighten.

To function test sensor: Power on sensor and verify that impeller spins freely. If impeller does not spin freely, loosen cover screws ¼ turn at a time until impeller can be heard spinning. Sensor can also be run in bucket with water to verify water stream from ejection port.