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TO REMOVE/REPLACE A ROTOR/SHAFT ASSEMBLY

- Be careful not to stress the wire which is glued into the body of the anemometer. Twisting the head may cause tension on the wire, which could damage the reed switch (which is soldered to the end).
- Unscrew the metal plate from underneath the body of the anemometer
- Carefully pry the circlip off the shaft (careful not to lose it!)
- Pull the rotor and shaft out the top of the anemometer body
- Rebuild in reverse order.

TO INSTALL NEW BUSHINGS

- Remove the rotor/shaft assembly (see Step 1.).
- Press the new bushings in straight – preferably with a drill press or arbor press. There is no need to remove the old bushing(s). Press the new bushings in from the top or the bottom, respectively, resulting in them being flush with the surface, as the older ones were.
- Replace the rotor/shaft assembly and check for friction as follows: spin the rotor very gently and make sure the rotor comes to a very gradual, slow stop. If it stops quickly there may be friction and the unit may need some minor tweaking to eliminate this (tweaking the bushings with the shaft or reaming with a 1/8" drill or reamer).

TO REPLACE A REED SWITCH & WIRE

- First, pull the existing wire out of the head of the anemometer.
- Next, clean out the hole with a drill bit of comparable diameter (1/8" or 9/64")
- Dip the end of the replacement wire/reed switch in silicone or comparable adhesive (in the USA, we use "GOOP" from Home Depot or similar hardware store)
- Carefully push the wire/reed into the hole, making sure not to bend or twist it during insertion (the reed switch is fragile!)
- Allow to dry, then secure the wire to the handle with zip-ties. This will prevent tension on the wire from pulling out the reed switch.

Voila!