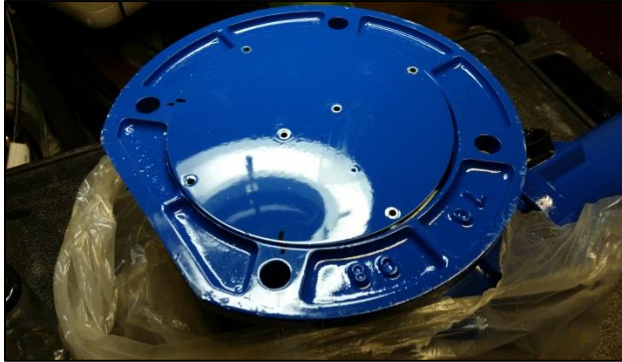
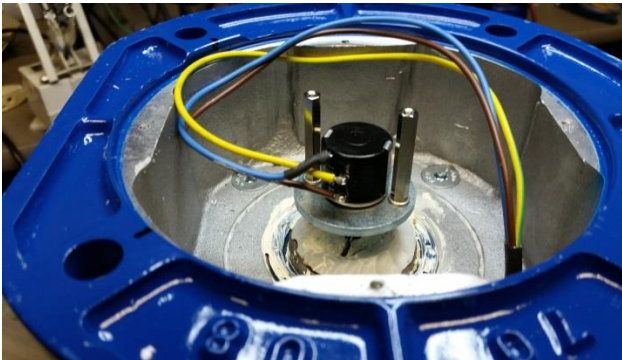


## Procedure to change the potentiometer in a ProSisTel rotator.



Make one or two reference markings to remember the position of the bottom lid, before removing it.



Note the order of the colored wires.



If the potentiometer and metal holder assembly do not come out easily pulling it by hand, use suitable tools as levers on both sides of the potentiometer assembly to take it out. Levers must exert symmetric upward force to avoid breaking the potentiometer shaft. The shaft is made of plastic most of the time.



Remove the potentiometer from the metal holder by unscrewing the nut and its washer.



Desolder or cut the wires from the potentiometer.

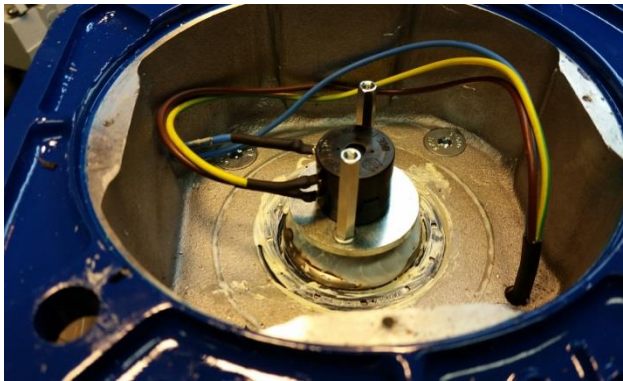


Install the potentiometer in the metal holder and tighten the nut. Put the pin that comes with the potentiometer through its shaft. You may squash the ends of the pin to avoid the pin sliding out of the shaft.

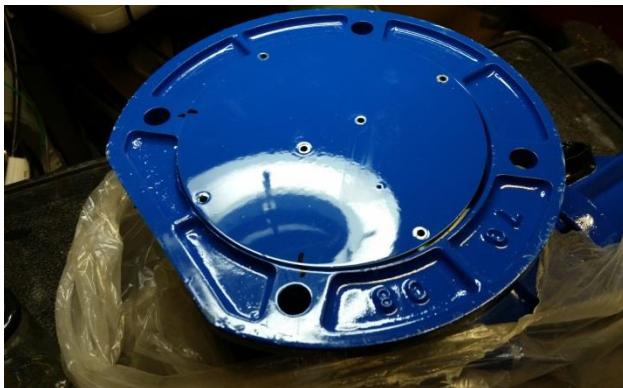
**IMPORTANT:** If your potentiometer is a three turn one, rotate it either way until it stops at one end and then carefully rotate it back one and a half turns to position it at the center of its rotating range. If your potentiometer is of ten turns, rotate its shaft until it stops and center it going back five turns from the end. Forgetting to set the potentiometer at the center can make the rotator to break the potentiometer when it turns and the end of the potentiometer track is reached before the rotator finishes its movement to the selected azimuth.



If needed, using a ¼" (6.35 mm) drill bit enlarge the shaft well to accommodate the shaft of the new potentiometer. Remove any metal shavings produced by the drill bit.



Solder the cables in the right order. Put the potentiometer assembly in place.



Align the bottom lid center holes with the metal holder screw pylons and secure with the two screws previously removed. Then align the lid with the markings and secure it with the remaining screws.