

Application Note

Replacing Dust Caps on FlowScout TPPM

The rubber tether securing the protective dust caps to the FlowScout TPPM can become brittle and break, leaving the ferrules exposed if the dust caps are lost. The following are steps to replace broken protective dust caps.

Tools needed:

- Needle Nose pliers or small jaw tooth pliers
- 3/32 in or 2.5mm Hex (Allen) wrench
- (2) Replacement connector dust caps

Step 1

With the power switched off, use the Hex wrench to remove the 4 hex screws that attach the back of the FlowScout TPPM to the front. **(Image 1)**



Image 1

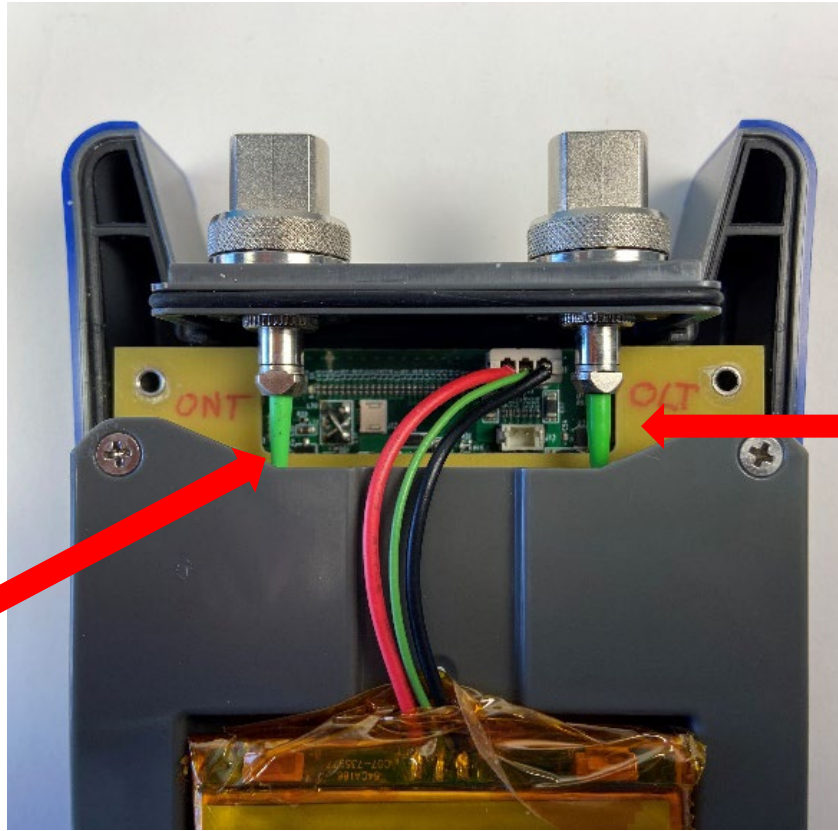
Step 2

Gently lift-up the rear cover to expose the rechargeable battery and battery tray. **(Image 2)**

NOTE: Be careful not to disturb the GREEN fibers coming from the connectors which can jeopardize the TPPM working correctly. **(Image 3)**



Image 2



Do not to disturb
the GREEN fibers

Image 3

Step 3

Using a pair of needle nose pliers, gently remove any rubber left from old caps that may still be protruding through the top plate. **(Image 4)**

NOTE: Do not shake the unit to retrieve old, broken, or loose rubber that may have fallen into the unit. These pieces will not impact the performance of the test set.



Image 4

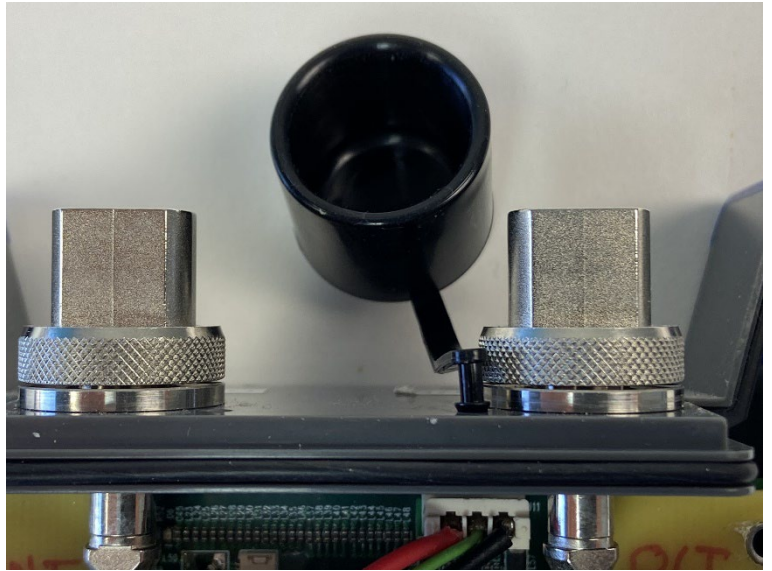


Image 5

Step 4

Insert the rubber tail of the replacement cap into the open retaining hole on the top of the FlowScout TPPM.

You will see this tail come through into the TPPM case (**Image 5, Image 6**)

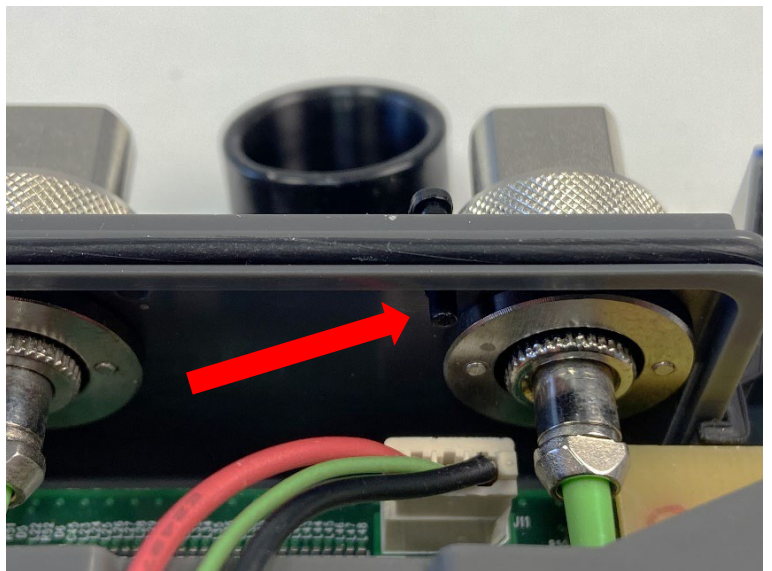


Image 6

Step 5

Using the needle nose pliers, gently pull the rubber tail through the hole until it stops. **(Image 7)**

Place the newly installed protective rubber cap onto the top connector



Image 7

Step 6

Replace the rear cover and screw the 4 hex screws to secure the back cover onto the device, making sure the rechargeable battery remains in the battery tray. **(Image 8)**



Image 8

Additional Information

Questions regarding this technical bulletin can be addressed by AFL's Test and Inspection technical support team:
+1 (800) 235-3423