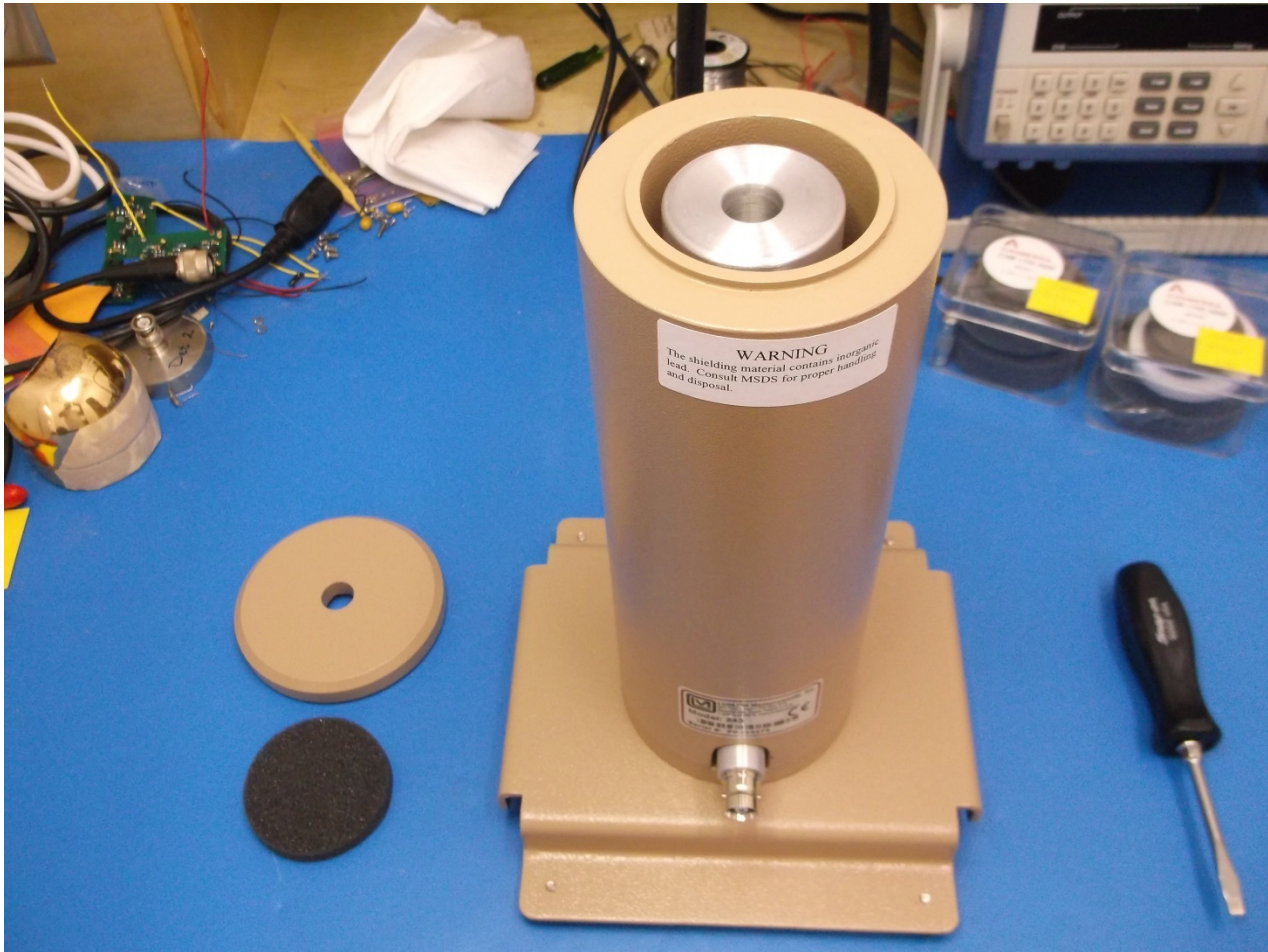


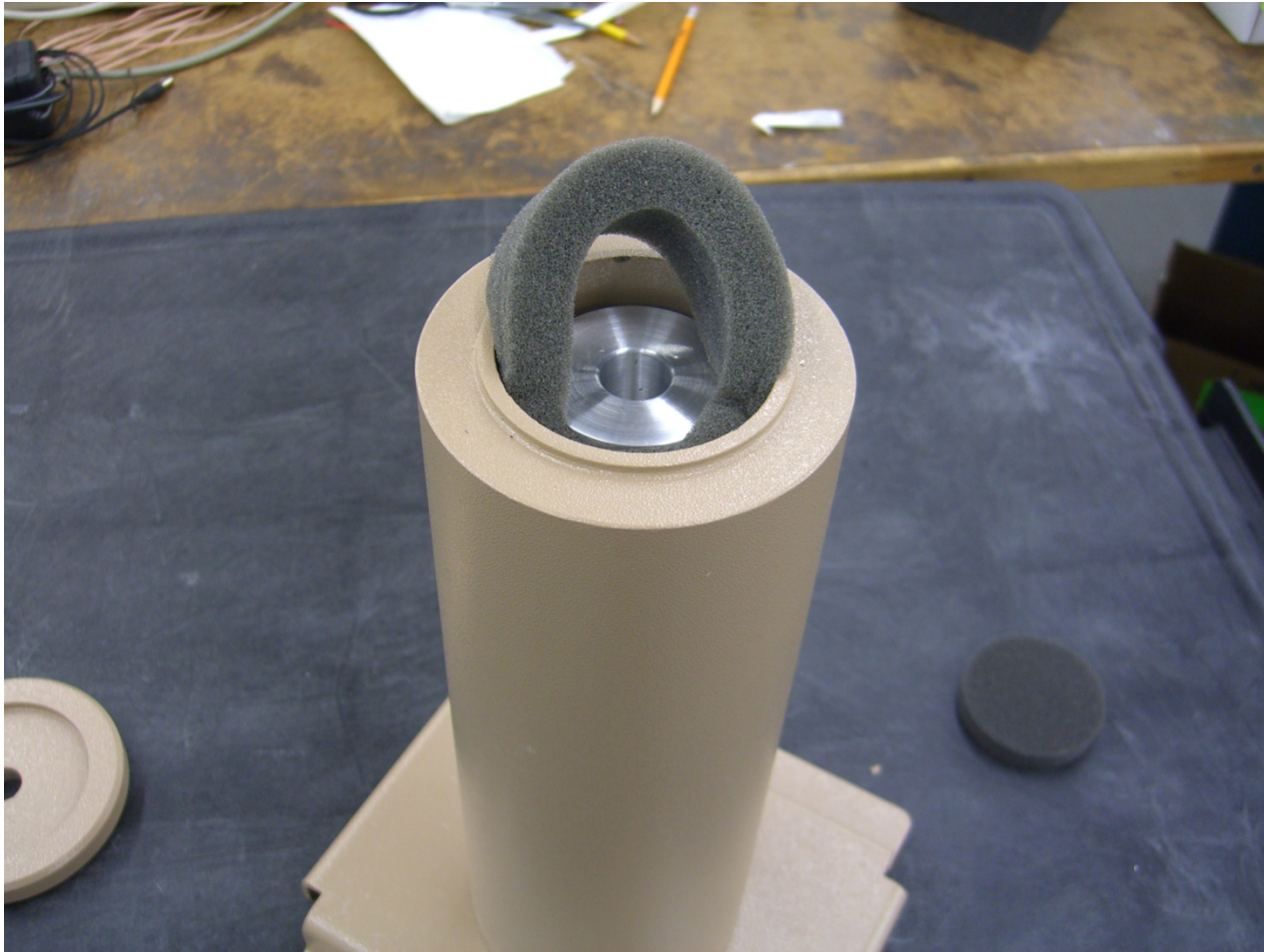
MODEL 243 Shielded Well
CRYSTAL REMOVAL AND
REPLACEMENT



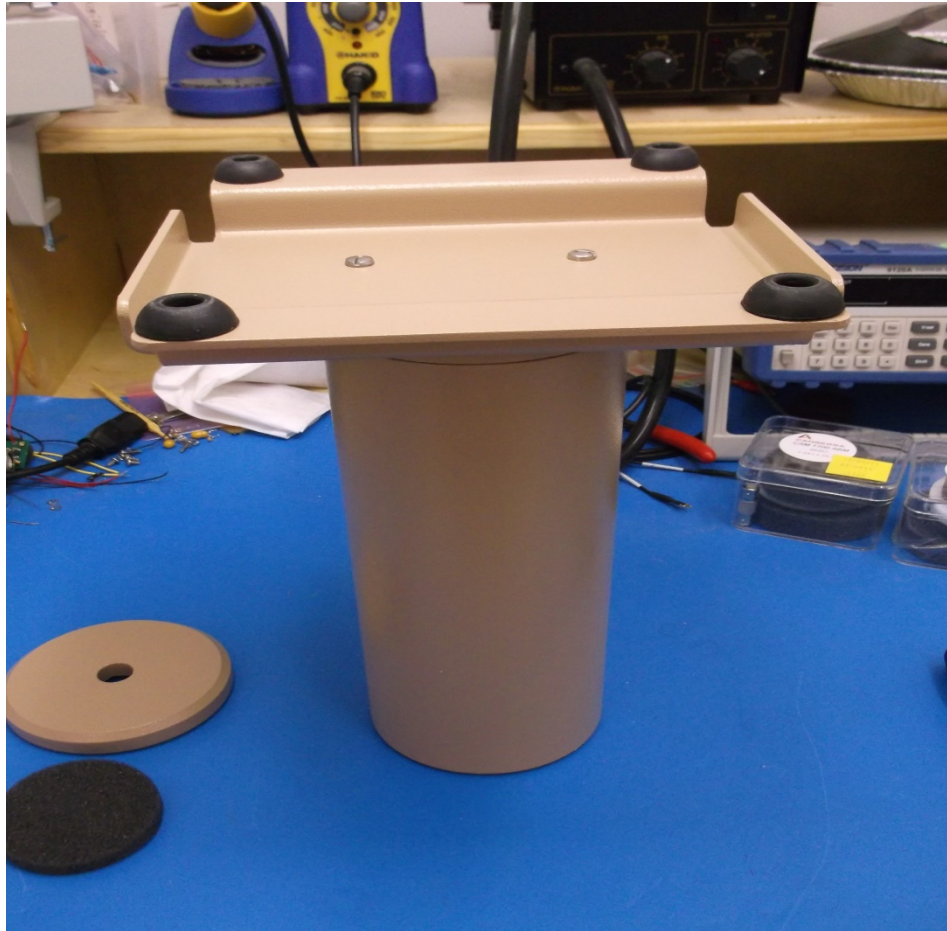
FULLY ASSEMBLED MODEL 243



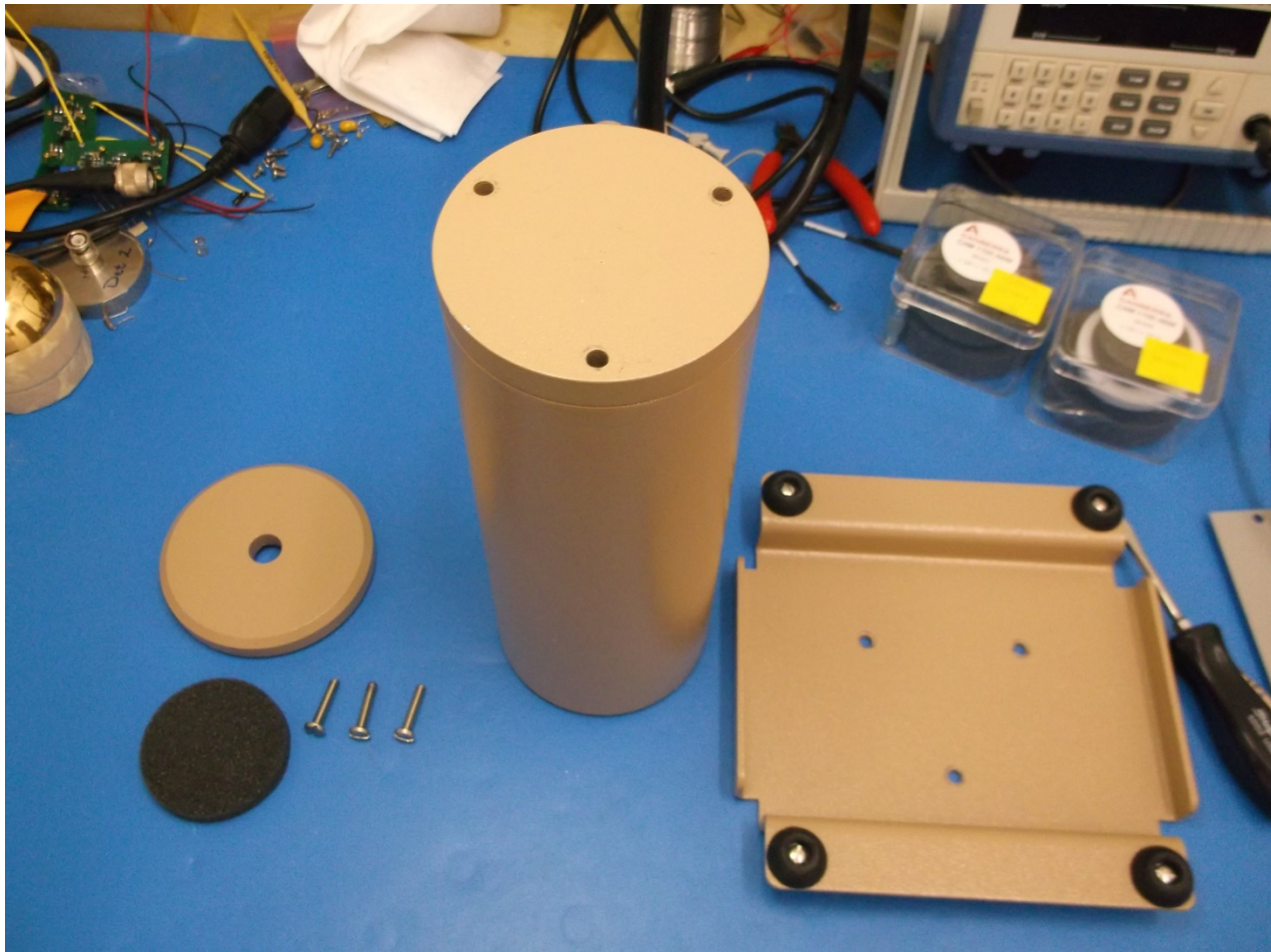
REMOVE MAIN CAP AND FOAM



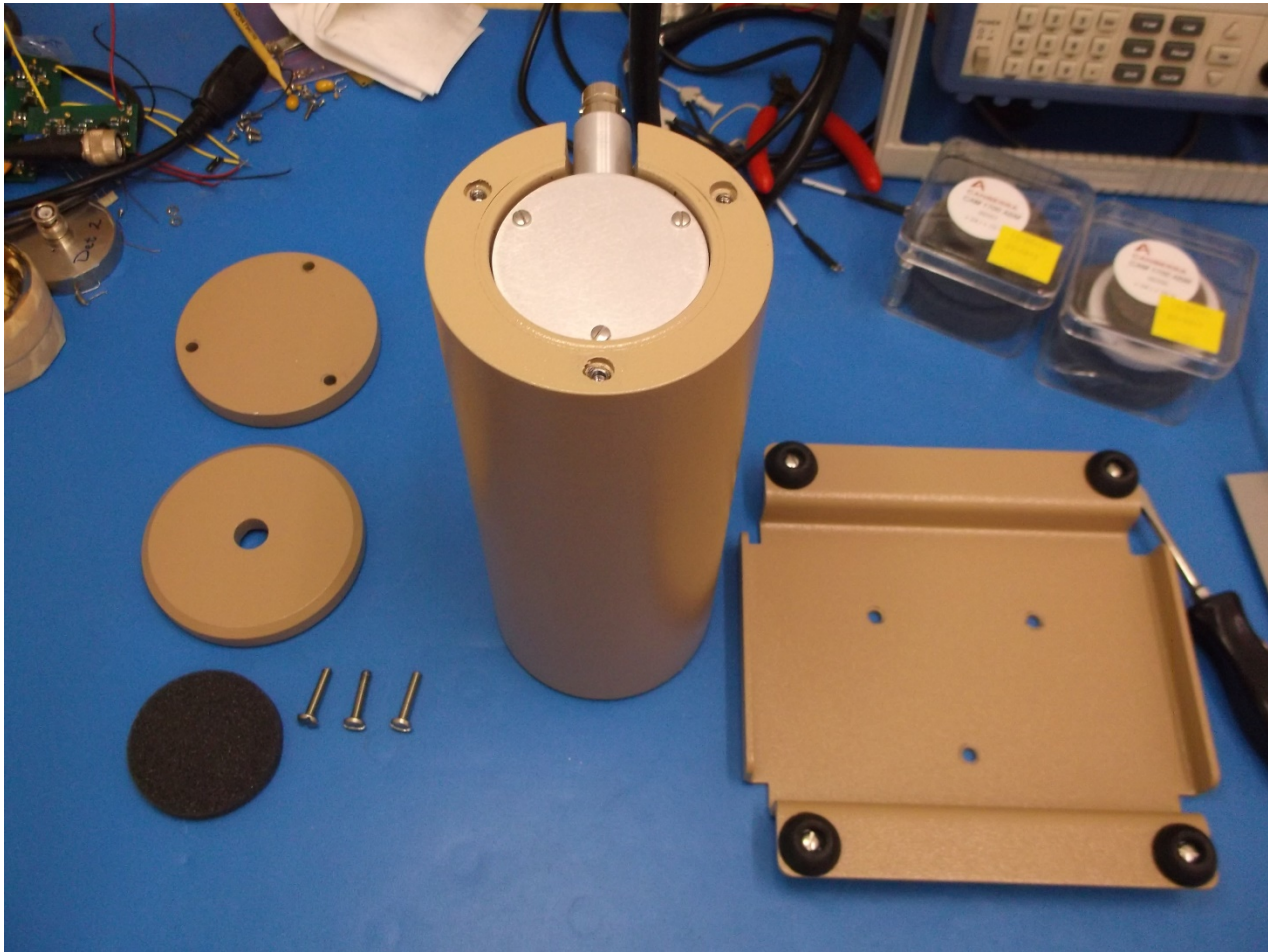
Remove the protective foam ring.



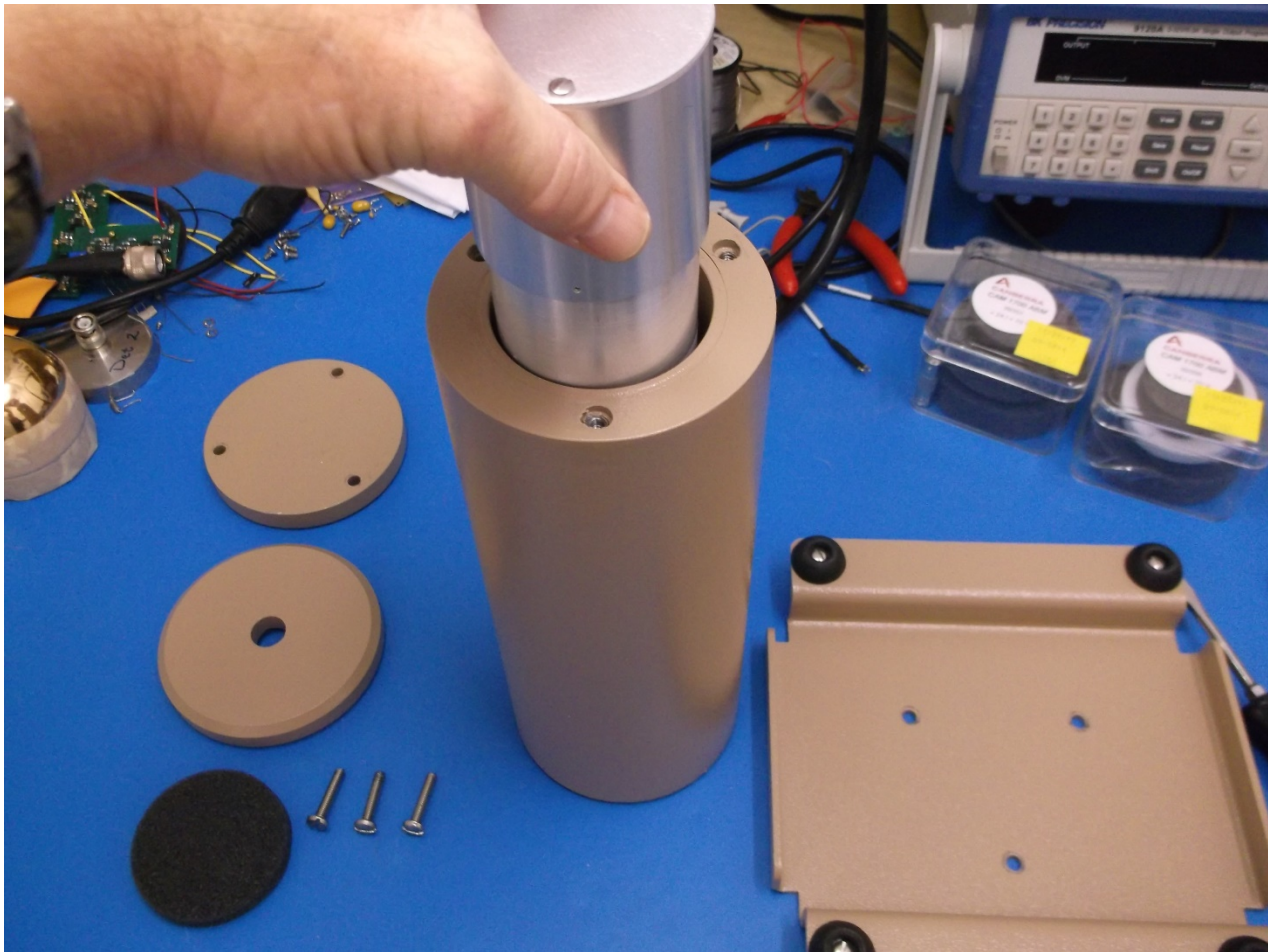
Turn Model 243 upside down



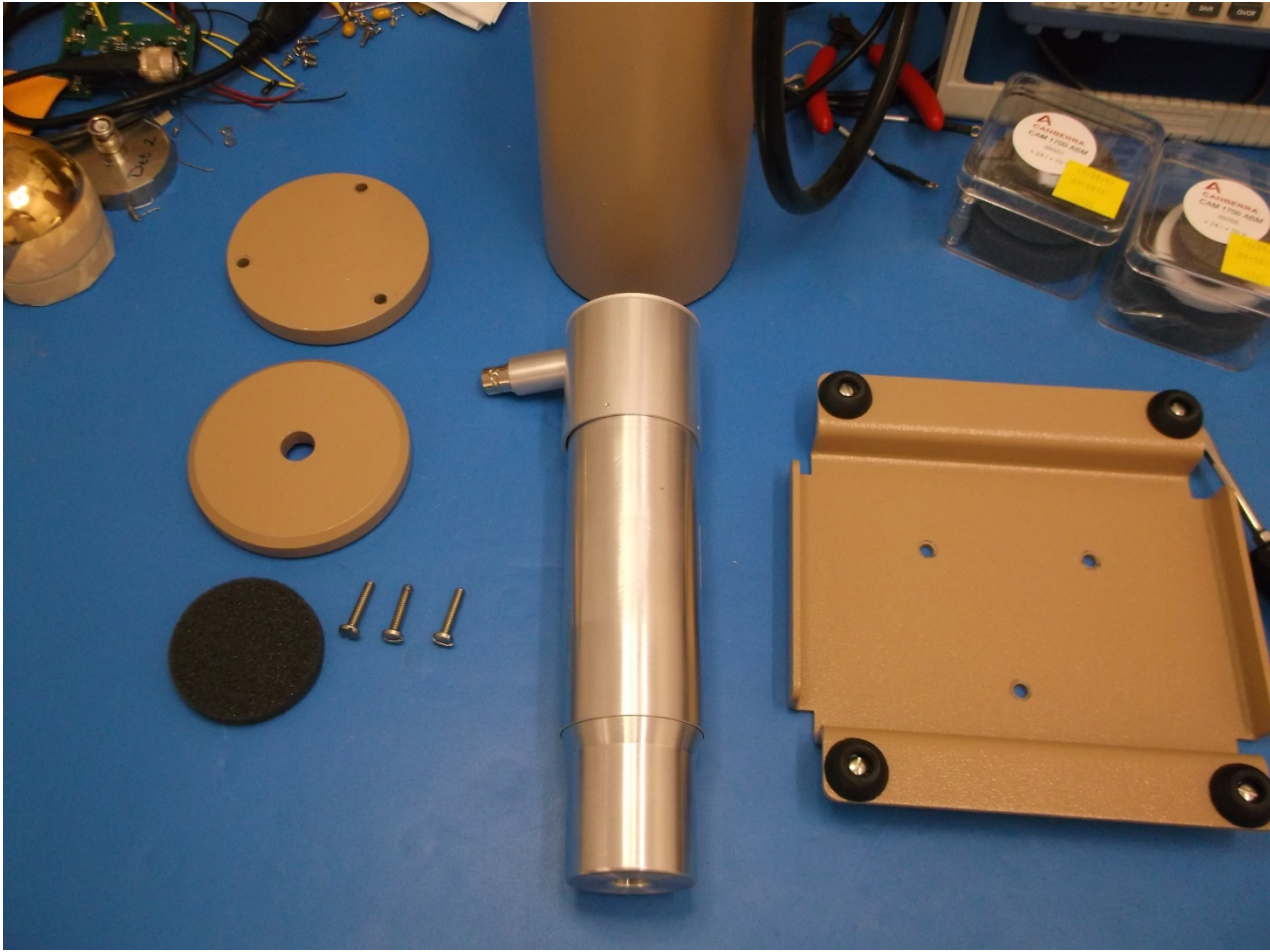
Remove the three screws from the base and remove the base.



Remove the rear cap.



Remove the integral line detector.





Loosen the Allen screws on the detector socket.

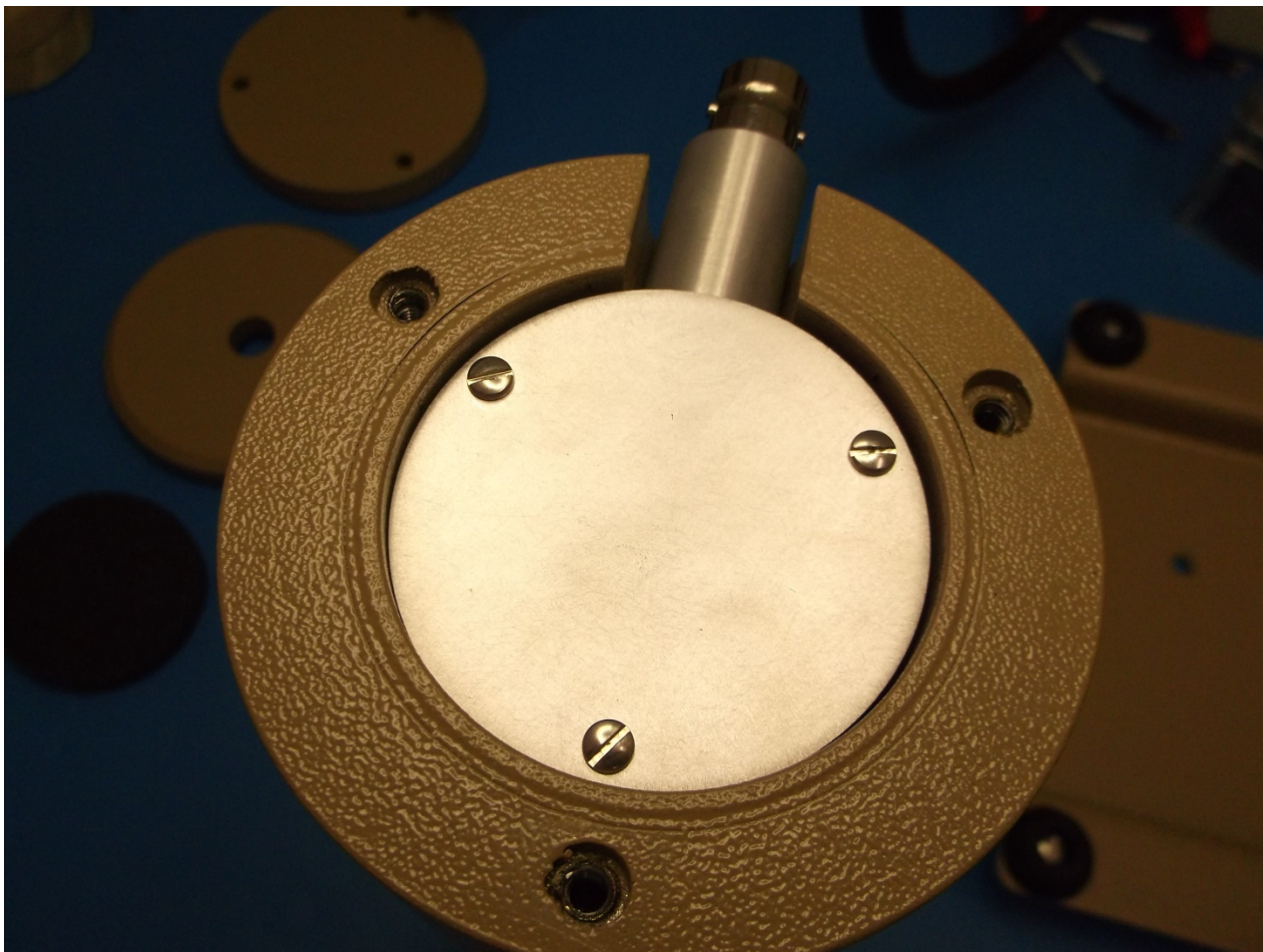




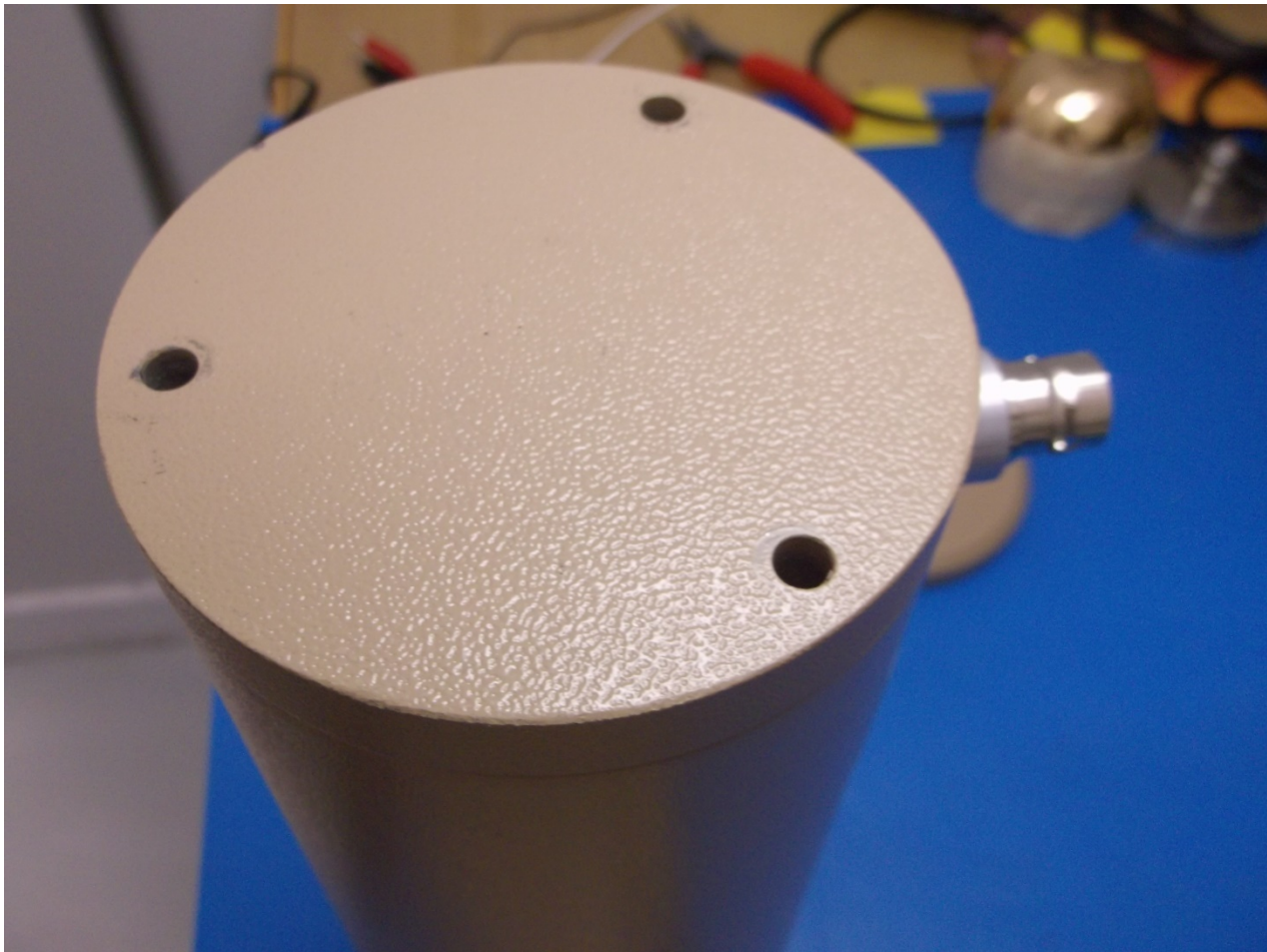
Pull the socket loose from the defective PMT. Reattach to new PMT.



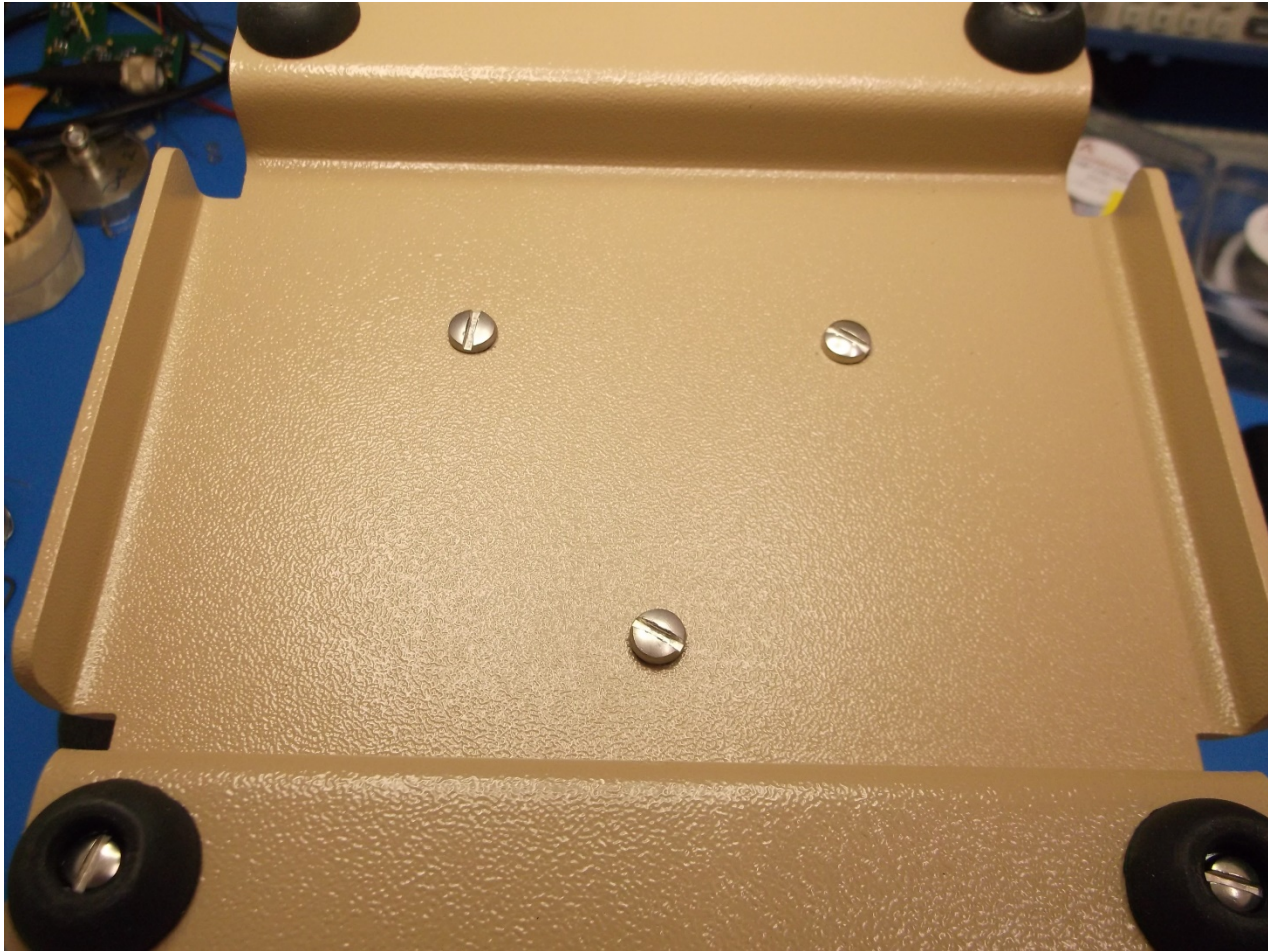
Reattach the socket body and tighten the Allen screws.



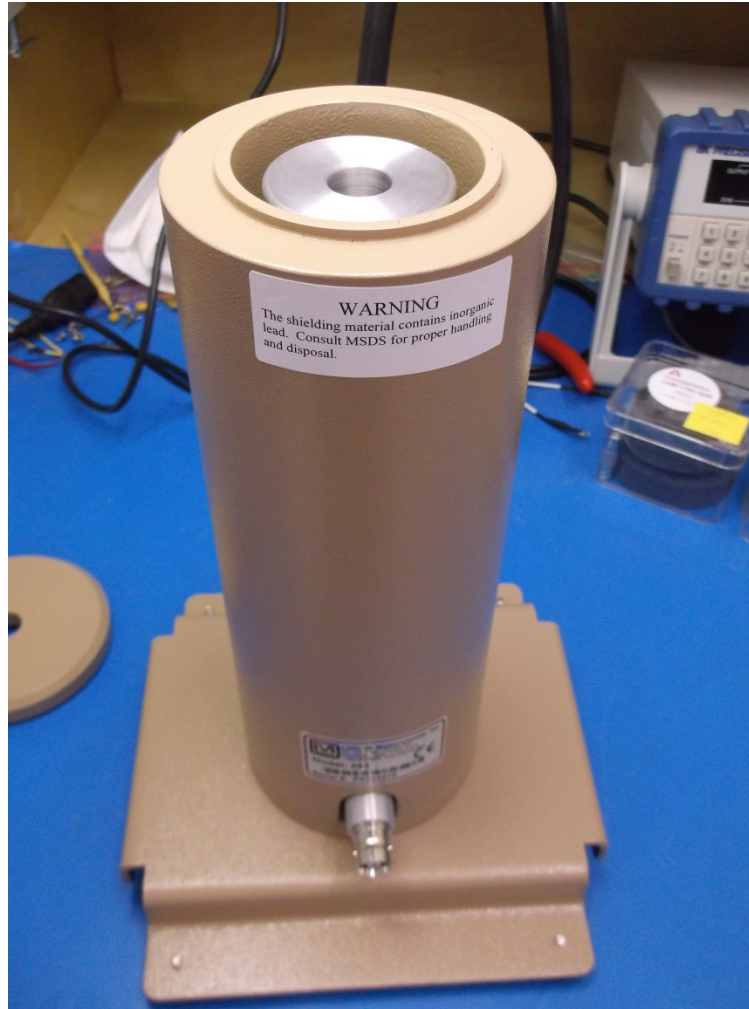
Insert the detector back into the shield.



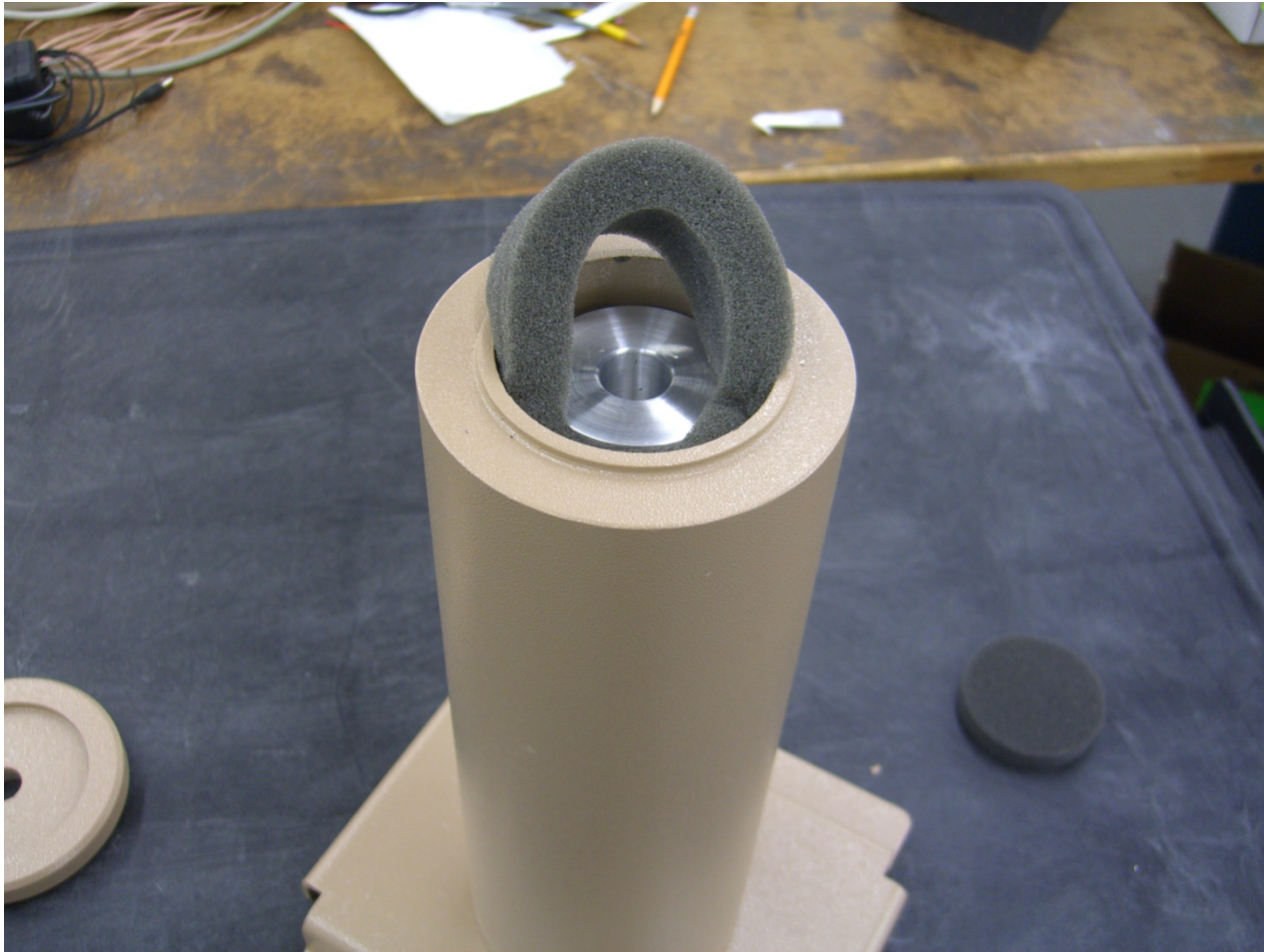
Place the foam and rear cap back on the shield.



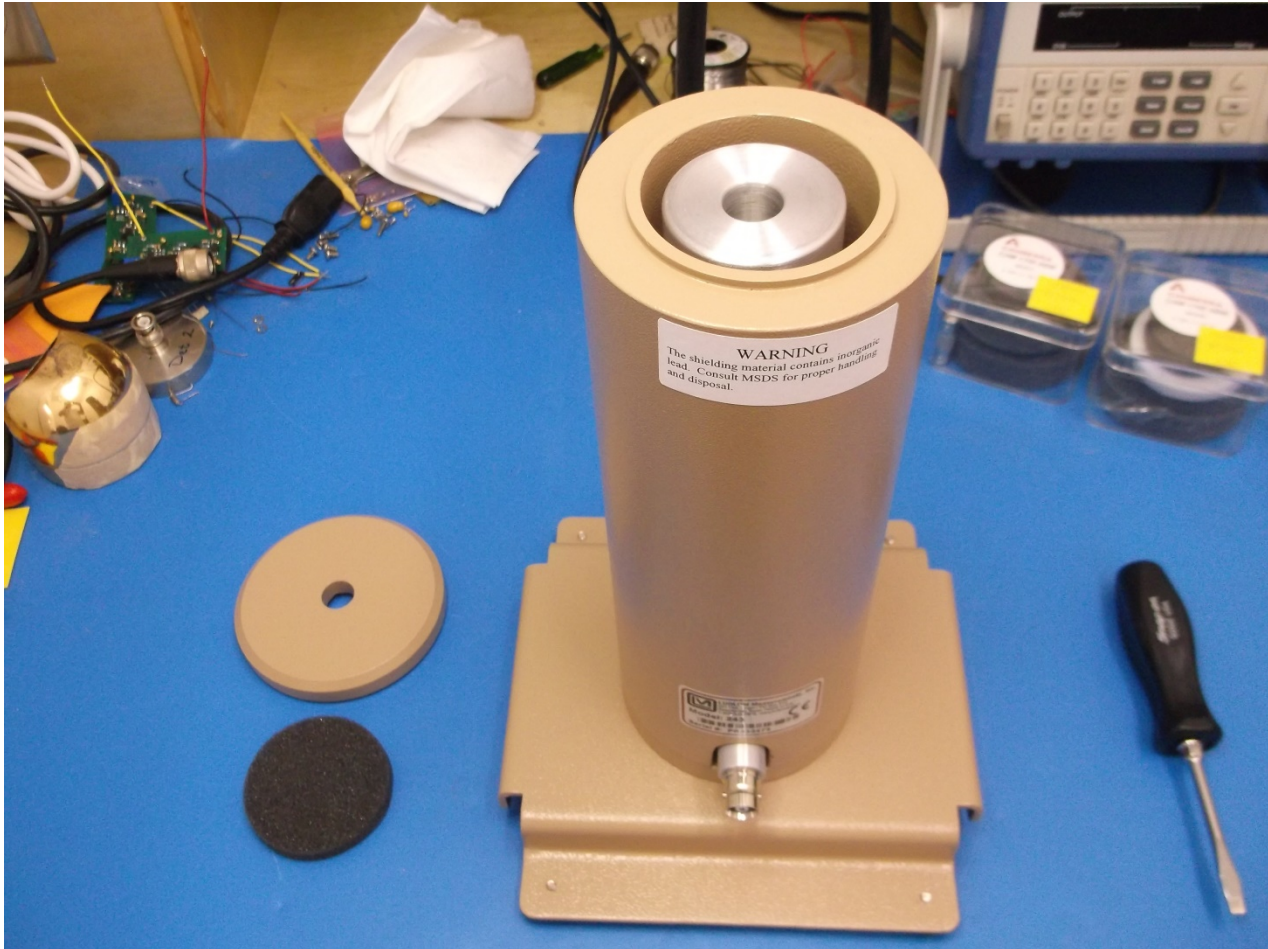
Reattach the base with the three screws.



Turn the Model 243 right side up.



Replace the protective foam ring.



Replace the foam and lead cap.



Fully Reassembled Model 243.