

1. Remove the 4 outer screws on the magnetic shield.
2. Remove the magnetic shield
3. Remove the 4 screws at the base of the outer cylinder retainer
4. Remove the outer cylinder retainer
5. Carefully, lift up the conical ceramic.
6. Remove the VM wire from the outer cylinder
7. Lift the outer cylinder off.
8. Insert a small piece of cooper in the base of the inner cylinder, between the inner cylinder and the base ceramic. (about .010 to .020" thick).
9. Place two or three small pieces of copper on the rim of the top of the inner cylinder.
10. Place two small pieces at the base of the flat ceramic, where the outer cylinder will go.
11. Place the outer cylinder back on, make sure it is centered.
12. Replace the conical ceramic; make sure that the small copper pieces are flat inside of the inn cylinder.
13. Replace the outer cylinder retainer. Hold it down firmly while tightening the screws.
14. De-gauss the analyzer.
15. Replace the magnetic shield.
16. Complete!

