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## HT-2000 Anode Pole Testing procedure

**You need:** An ohmmeter or multi-meter with two leads (red and black)

### **Testing the High Voltage Pin**

1. Disconnect Pole from Electro-fisher
2. Set ohm meter to 200 ohm's ( $\Omega$ ) or the ohm's setting if your meter is digital
3. Connect one lead of ohmmeter to **pin 1** in the plug end of pole
4. Connect black lead of ohmmeter to Anode ring or anode threading on bottom of pole.
5. Make sure anode pole threading is clean and you are making a proper connection.
6. Ohmmeter should display 0.0 ohms or very close to this ( a tolerance of 1.0 ohm max)
7. Move the cable and bend around the plug to check for shorts or breaks. If the readings change then pole is faulty.

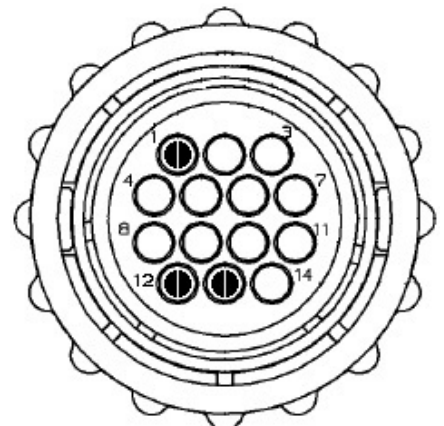


### **Testing the Switching Pins**

8. With ohmmeter still set to 200 ohm's ( $\Omega$ ) connect red lead to pin 12 in the plug end of pole
9. Connect black lead to pin 13 in the plug end of the pole
10. The ohmmeter should read infinite ohms (0 L – meaning infinite resistance) until the switch is pressed.  
Press pole switch to get 0.0 ohms or very close to this ( a tolerance of 1.0 ohm max)
11. If readings are not this or change while testing then pole is faulty.

### **Testing for shorts between the pins**

12. With the ohmmeter still set to ohm's ( $\Omega$ ) connect red lead to **pin 12** in the plug end of pole
13. Connect Black lead to **pin 1** in the plug end of the pole
14. The ohmmeter should read infinite ohms (0 L – meaning infinite resistance)
15. With black lead still on **pin 1**, move red lead to **pin 13** in the plug end of the pole
16. The ohmmeter should read infinite ohms (0 L – meaning infinite resistance)
17. If readings are not infinite or change while testing then pole is faulty
18. Run through all tests again to make sure results are correct.



Looking inside anode plug

## HT-2000 Cathode Tail Testing procedure

**You need:** An ohmmeter or multi-meter with two leads (red and black)

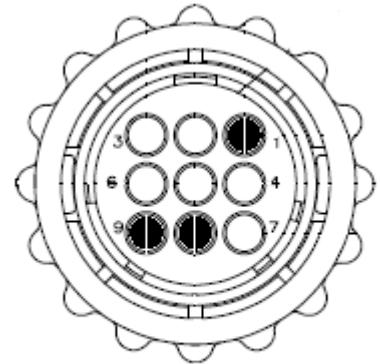
### **Testing the High Voltage Pin**

1. Disconnect Cathode tail connector from Electro-fisher unit
2. Set ohm meter to 200 ohm's ( $\Omega$ ) or the ohm's setting if your meter is digital
3. Connect one lead of ohmmeter to **pin 1** in the plug end of the tail
4. Connect black lead of ohmmeter to the exposed wire
5. Make sure the exposed wire is clean and your are making a proper connection.
6. Ohmmeter should display 0.0 ohms or very close to this ( a tolerance of 1.0 ohm max)
7. Move the cable and bend around the plug while maintaining a connection to check for shorts or breaks.  
If the readings change then tail is faulty.



### **Testing the interlock pins**

8. With the ohmmeter still set to ohm's ( $\Omega$ ) connect red lead to **pin 8** in the plug end of the tail
9. Connect Black lead to **pin 9** in the plug end of the tail
10. The ohmmeter should read 0.0 ohms or very close to this ( a tolerance of 1.0ohm max). If not then the tail is faulty.



Looking inside Cathode plug