



Technical Bulletin CS-3e RFI modification March 2010

Subject: Microphone CS-3e Serial Number Prior to #2792

Objective:

Improve the physical ground connection and reduce exposure to Radio Frequency Interference

1. Connector contact

Remove the black paint on the inner part of the microphone connector shell as shown using sandpaper. This is to improve the electrical connection between the microphone and the cable plug connector shell.

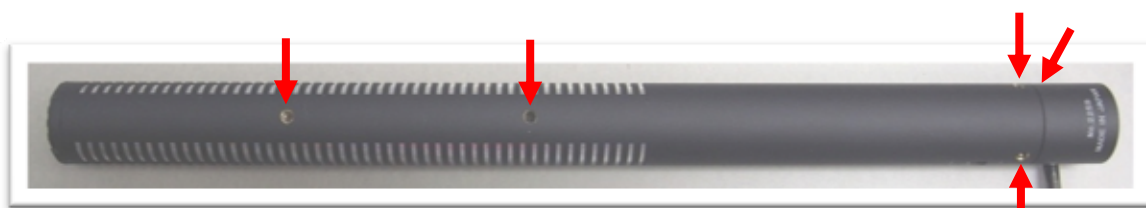
Caution!

Only remove the paint, not the black plating under the paint.

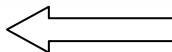


2. Output connector wiring

(a) Remove five screws



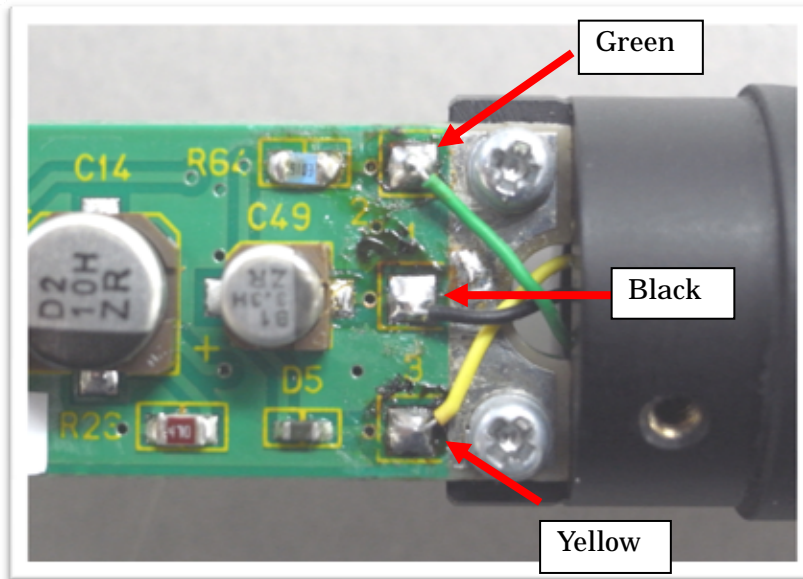
(b) Remove the outer tube



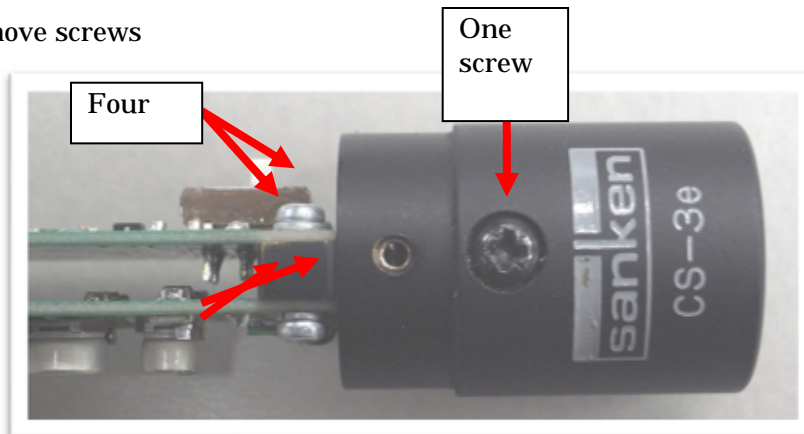


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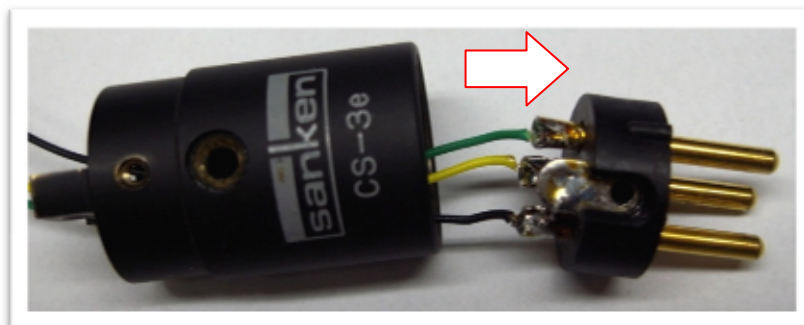
(c) Unsolder the three internal wires that come from the connector. * Yellow/Green/Black



(d) Remove screws



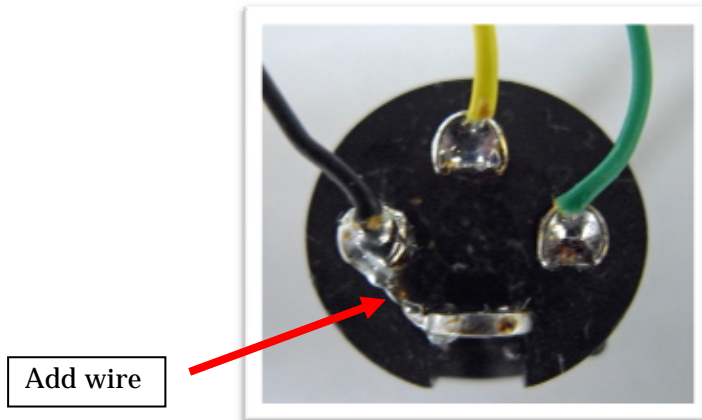
(e) Pull connector out of shell





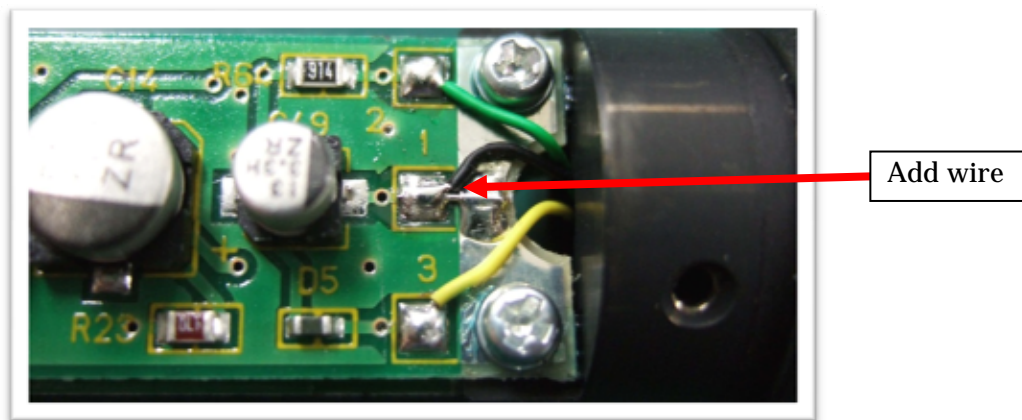
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(f) Add wire from connector pin1 to shell terminal ground post.



Add wire

3. Add a short wire between the solder pad labeled "1" and the backplane ground solder pad.



Add wire

4. Reassemble and test