



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.

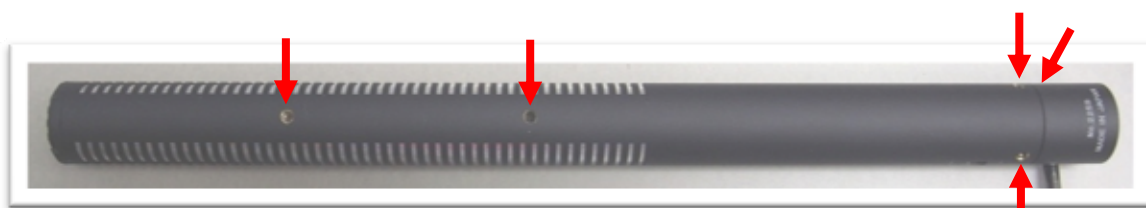
**Caution!**

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

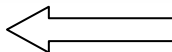


**2. Output connector wiring**

(a) Remove five screws



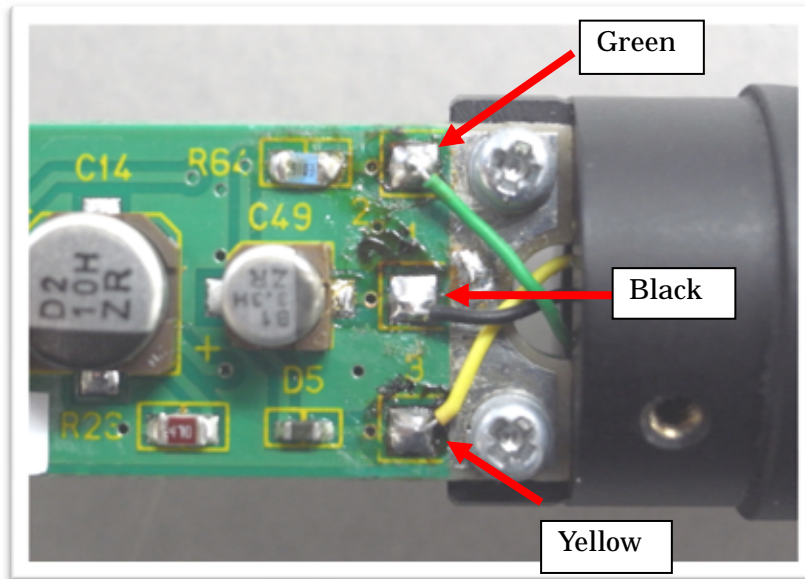
(b) Remove the outer tube



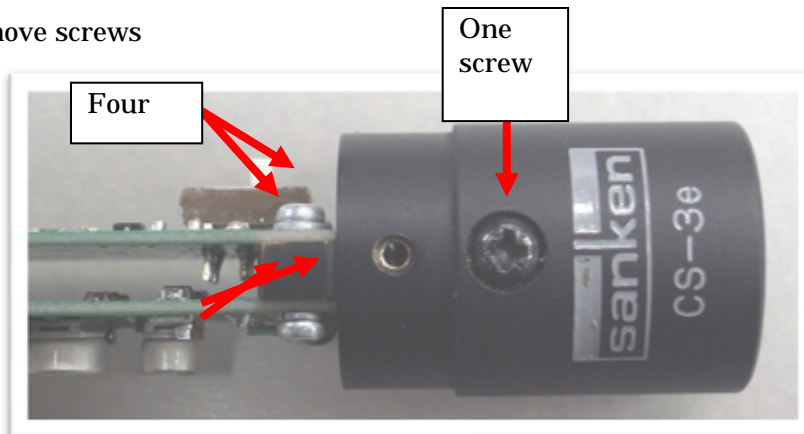


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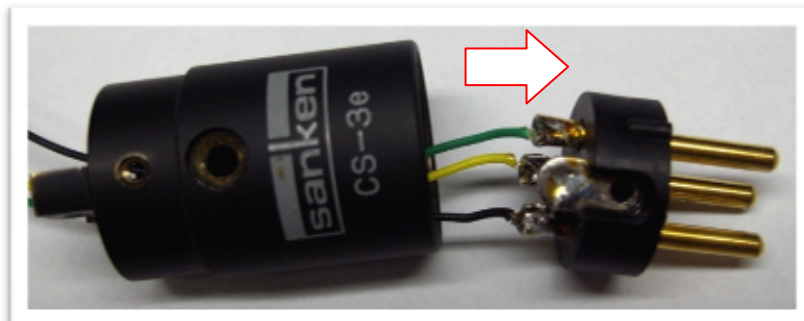
(c) Unsolder the three internal wires that come from the connector. \* Yellow/Green/Black



(d) Remove screws



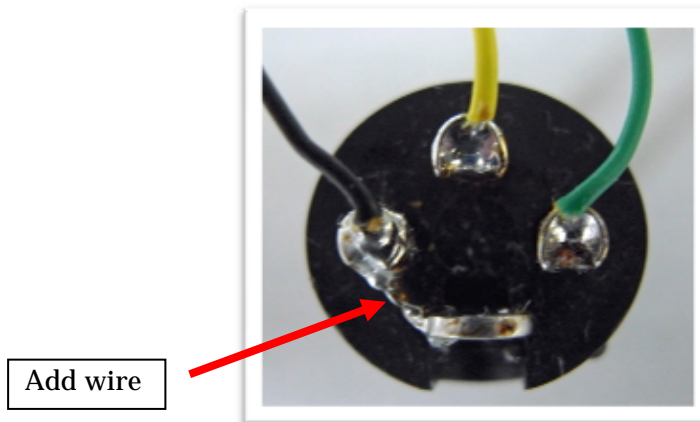
(e) Pull connector out of shell



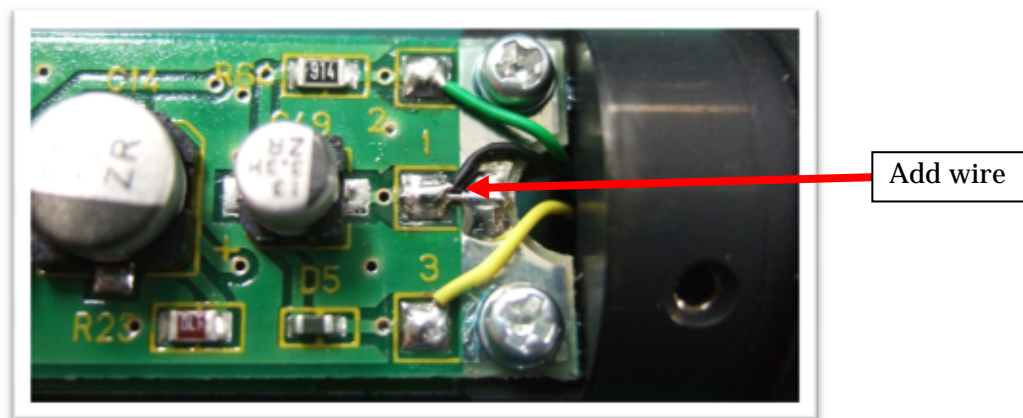


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(f) Add wire from connector pin1 to shell terminal ground post.



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



4. Reassemble and test

**\*Please note that this Sanken authorized update is offered to North American plus-24 customers only.**

If your CS-3e is still under the one year limited warranty (proof of purchase date required), plus24 will perform the update free of charge.

The warranty is voided if the update is performed by the end-user or a dealer. Microphones that are outside the warranty period may be updated by the end-user, a qualified Sanken dealer, or by plus24 for a standard service charge.

Please request a RMA number before returning any product to plus24 by sending an email to [support@plus24.net](mailto:support@plus24.net) or calling 323-845-1171.