



**Consumer Response Group**

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# **TECHNICAL SERVICE BULLETIN 10043**

**MODEL(S):** 150GTL, 200GTL

**DESCRIPTION:** Receiver overloads when receiving a strong signal, resulting in distorted audio. In addition there may be a warble in the modulation when transmitting (which might be described as a popping sound during transmit).

**ACTION:** RF is bleeding into the receiver front-end. Apply the following fix:

For both the 150GTL and 200GTL, install a 1 $\mu$ F electrolytic capacitor across C607. (From C607 to ground)

1 $\mu$ F electrolytic capacitor: Cobra part number 020-007

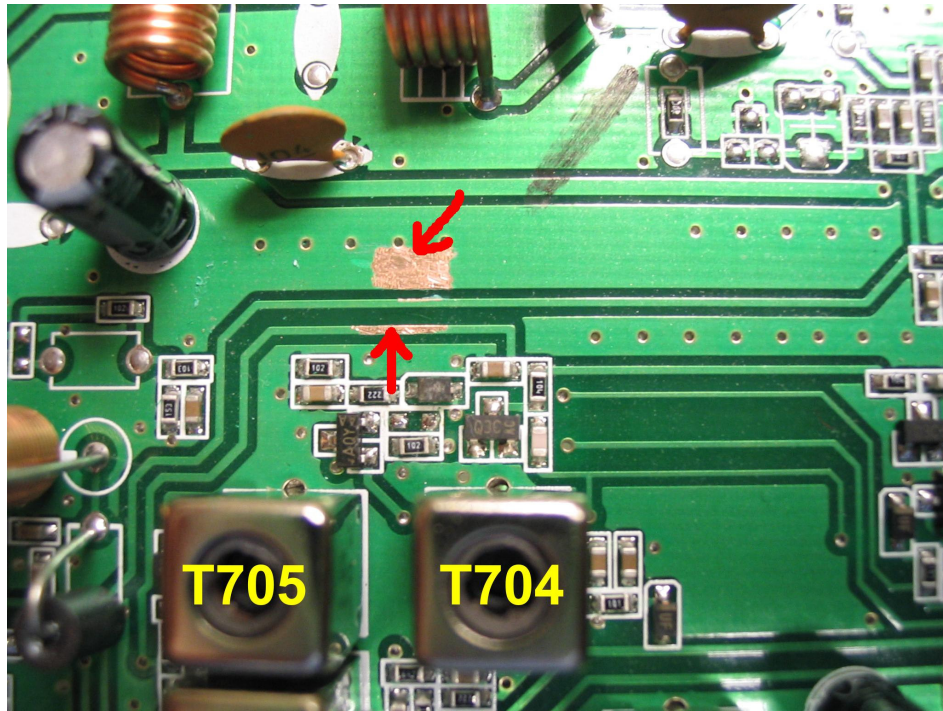
For the 150GTL see page 2 for details

For the 200GTL see page 3 for details.

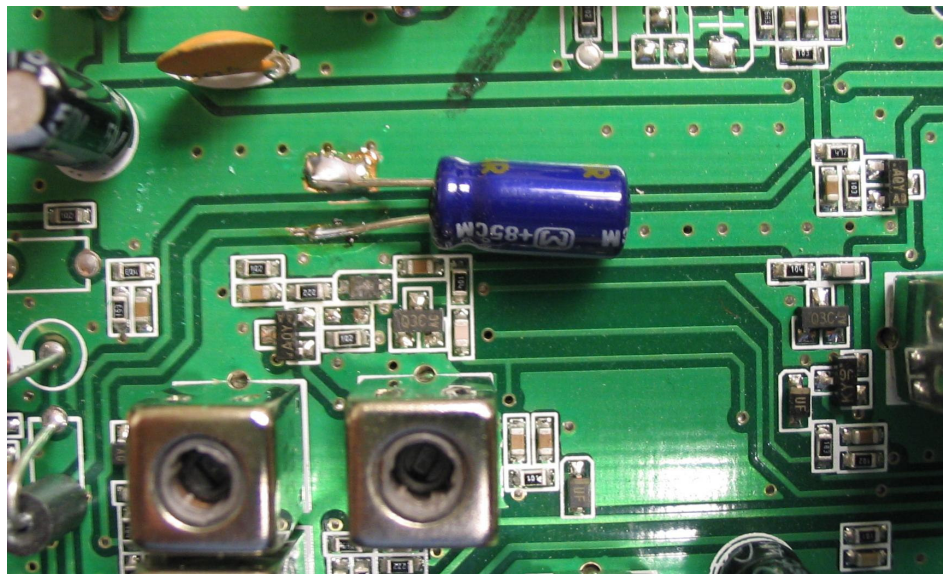
**ADJUSTMENTS:** None.

**NOTES:** When receiving very strong signals, it still may be necessary to turn down the RF Gain.

## 150GTL

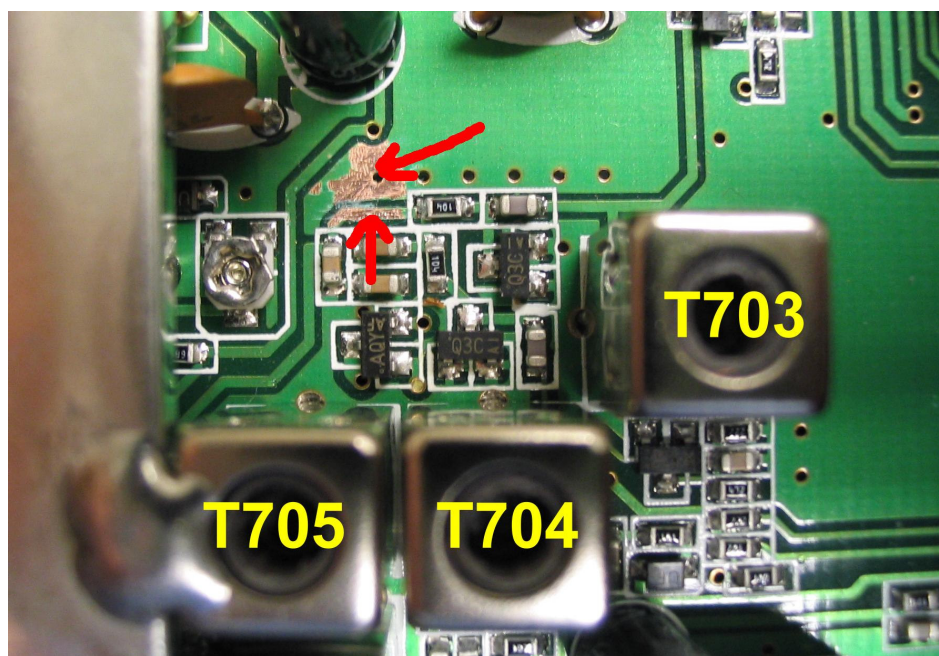


Scrape to expose the circuit traces as indicated above. The large copper area is ground.

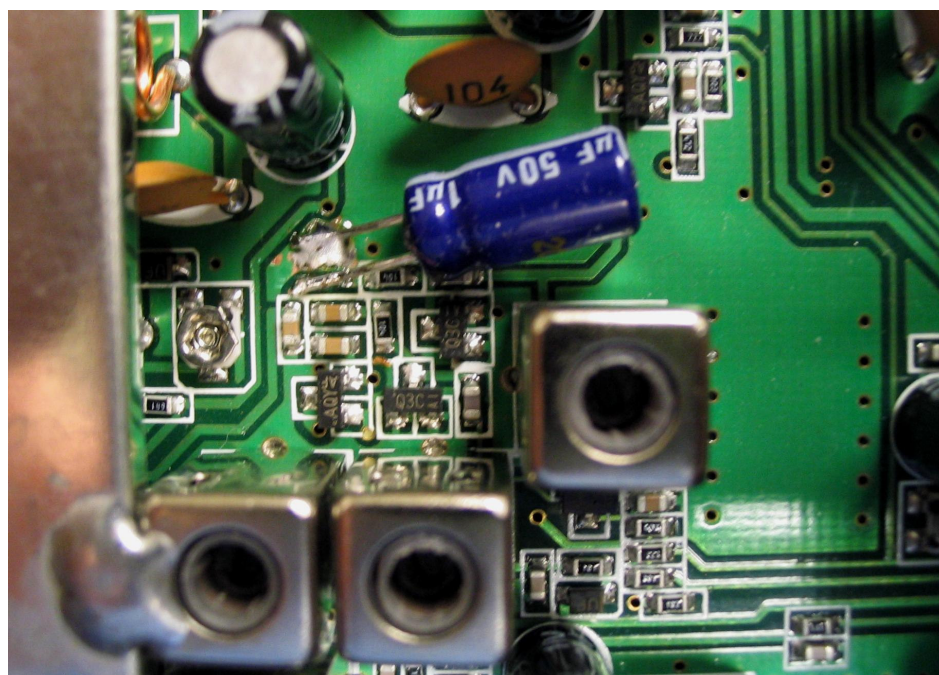


Solder the capacitor as shown. Be sure to observe polarity.  
Put some glue under the capacitor so that it cannot move.

## 200GTL



Scrape to expose the circuit traces as indicated above. The large copper area is ground.



Solder the capacitor as shown. Be sure to observe polarity.  
Put some glue under the capacitor so that it cannot move.