

R C A T U N E R R E P A I R

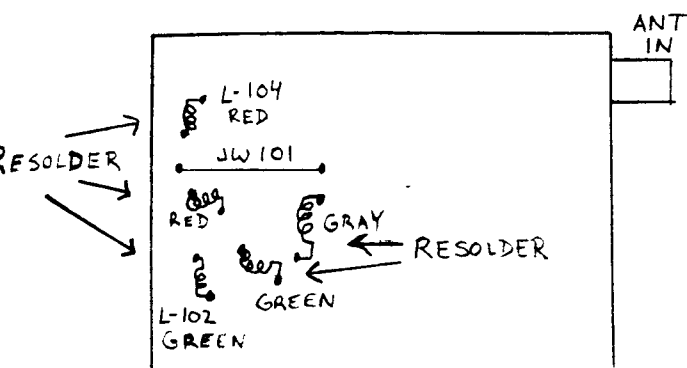
SUBJECT: COMMON FAILURE OF RCA TUNER TCHRIA/ 195687 & TCCRIA/196040.

SYMPTOM: Intermittent or no stations; loses channels 2 through 6; channels 14 & up go out.

CURE: The cause for the high failure rate on these tuners is poor solder connections on the "coils". Refer to the diagram below.

Carefully remove the tuner from the set. Remove both shields. With the component side facing up locate the coils on the left half of the tuner (see diagram). Using a low wattage pencil iron, carefully resolder each coil. This completes the repair. Check over your work, replace and solder the shields, install the tuner & check performance.

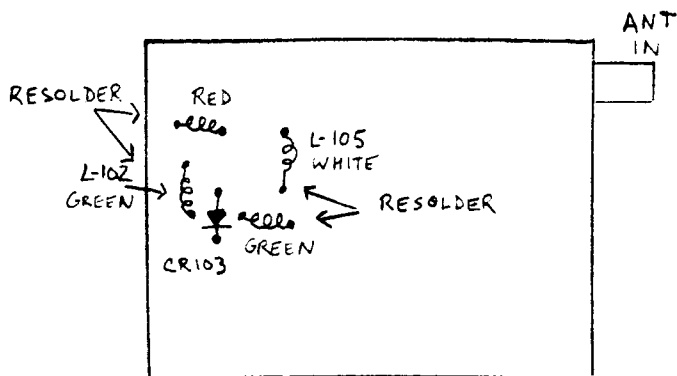
Once you have repaired a few of these tuners & are familiar with the location of these coils, it is possible to do the repair without removing the tuner or the component-side shield. Unsolder the tabs on the upper right corner of the printed circuit-side shield & carefully bend the shield back. Carefully resolder the coils. Check over your work. Power up the set & check performance. Power down the set and carefully bend the shield back in place & resolder. **Caution:** **When repairing the tuner "in circuit" avoid using excessive force on the tuner assembly or circuit board!**



TCHRIA / 195687

COMPONENT SIDE

RESOLDER (5) COILS



TCCRIA / 196040

COMPONENT SIDE

RESOLDER (4) COILS

Bulletin #5

2/94