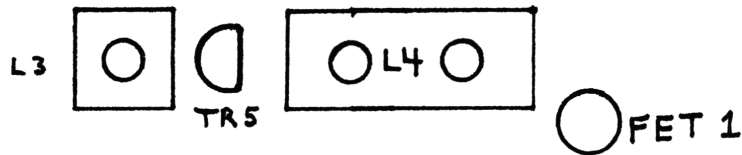
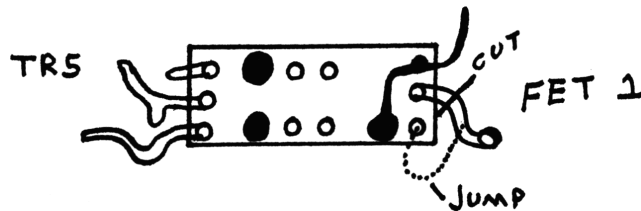


## RECEIVER WIDEBANDING FOR 858 CHASSIS

1. Locate TR5 RF AMP Transistor and remove (2SC1730L). Notice how the transistor is orientated.
2. Replace with a 2SC945AP type transistor.
3. Locate L4 receiver RF Coil. It is a double tuned coil.



4. L4 looks like this on bottom.



Cut trace going to the center of the coil and jump to the end of coil.

5. Retune L3 and L4 for best overall performance. L4 will have the greatest affect in broadbanding.

### OPTIONAL

6. Locate TR9 and TR10 (2SC1675L) and remove. Again, notice lead orientation.
7. Replace TR9 and TR10 with 2SC945 AP transistors.

NOTE: R46 may have to be changed from 330 $\Omega$  to a 1000 $\Omega$  resistor IF AGC seems to degrade receiver.