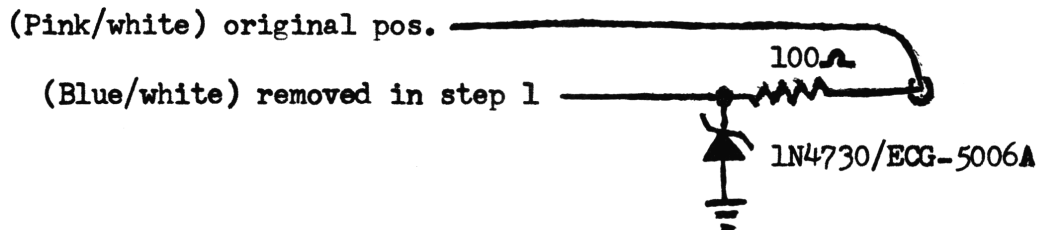


SUPERSTAR 2000 FINE TUNE UNLOCK MODIFICATION

- - 50 CH. SELECTOR VERSION - -

1. Follow the Blue and White wire from the clockwise rear section of Fine Tune potentiometer. It should connect to the emitter of Q-34, remove at that point. Note the point by cleaning out hole!
2. Follow the Pink and White wire from the Coarse Tune to the PCB. Connect the Blue and White wire removed in last step to this point in series with a 100 ohm $\frac{1}{2}$ W 5% resistor. Connect the cathode of a 1N4730 (ECG-5006A), to the junction of wire and resistor; connect the anode of zener to DC Ground. (3.6VDC power source created for fine tune).



3. Remove the Green wire coming from the Mode switch to the Fine Tune pot, at the Fine Tune pot. Reconnect it to the emitter of Q-34 where hole was cleaned out.
4. Remove R15, (located next to X-5).
5. Disconnect the junction of D8 and R16 from the CL line at the cathode of D7, by unsoldering the junction ends from the run. Lift the ends and solder together. (Be careful to leave the path between D7 and R11 connected.) D8 and R16 are located toward the outside between X5 and the mic connector.
6. Solder, a 39K ohm resistor to where D8 and R16 have been soldered together. Solder the other end to where Green wire was soldered in step 3. (Emitter of Q-34.)
7. Bridge a 47K ohm resistor from D6's anode to DC Ground, on the bottom of PCB. (D6 located under mic socket) - This makes the Fine Tune slide up faster. Without this it sort of 'lingers', also decreases the Fine Tune slide range to about 1.3KHz; and makes it easier to handle.
8. Center up both the Coarse and Fine Tune Knobs, realign all the band crystals to put each of the bands back on center slot...

