

SPECIFIC RADIO TUNEUPS CONTINUED:

SEARS MODEL 934-38270700

1. Cut R303
2. Cut R304
3. Short R302
4. Follow the black wire from the clarifier control and cut it loose from the chassis and connect it to ground. Follow the green wire from the clarifier control to the P/C board and connect it to the 8V regulated power supply, Pin #3 of IC601.
5. For maximum slide, remove D306 and D304 and install super diodes.
6. For more VCO range, D307 may be replaced with a super diode.
7. Adjust T302 for maximum RF output with a RF voltmeter or scope at the output of T302.
8. Adjust T301 for maximum RF output at the output of T301.
9. Adjust RT602 for AM power ^{Located at the Rear center of PCB} ~~Cut D405 for modulation.~~ ^{ADD A 1N914, ANODE TO Base of Q405 AND CATHODE TO Ground.} Adjust RT701 for SSB ALC. With a 1000Hz tone, adjust for AM peak with a peak reading meter. Adjust T701, T704, T702, T703, L704.

SEARS MODEL 934-38310700

1. Follow the green wire from the clarifier control to the P/C board and cut it loose from the P/C board and solder it to P/C board ground.
2. Short R701.
3. Cut R702
4. Follow the yellow wire from the control to the P/C board and cut it off at the board and connect it to Pin #2 of IC502 (UA78L82AWZ). Also connect a 100pf at 25VDC from Pin #2 to ground. This will allow approximately +2KHZ slide. For + 5KHz remove D702 (1S2790) and install a super diode. For more range from your control remove the clarifier control and install a super 10 turn pot in place of your stock control (RV701). This will allow 10 full turns range where your old control only had 3/4 of a turn.
5. With a peak reading wattmeter and 1000Hz tone on AM adjust T402, T403, T404, T405, T406, T407 for a maximum peak reading on the wattmeter.