

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.

SPECIFIC RADIO TUNEUPS CONTINUED:

Sears 934-38310700:

6. For AM power adjust RT301, for SSB ALC adjust RT402. For maximum AM modulation cut the collector of Q303 (AM AMC). Use a dummy load on all adjustments.

SHARP MODEL CB 4670

1. AMC Defeat adjust R10 or cut the collector of Q101.
2. With a 50 ohm dummy load and a peak reading wattmeter, inject a 1000Hz tone into the mike and adjust for maximum peak output T203, T204, T301, T302, T303, T304, L301, L302.

TRS CHALLENGER MODEL 850

1. AM mike gain, adjust VR1. AM power, adjust VR15. SSB ALC adjust VR8. SSB mike gain, adjust VR2.
2. With a peak reading wattmeter and a 50ohm dummy load inject a two tone signal, 1000Hz and 400 Hz into the mike. Adjust upper SSB for maximum RF, T10, CU3, T1, L1, L14, T2, T3. With a 1000Hz tone injected into the mike adjust L2 and L5 for peak AM power. Make adjustments with radio set at mid-band.

TEABERRY MODEL STALKER III

1. AMC Disable, adjust VR8 or cut the collector of Q503.
2. Using a peak reading wattmeter and a 50 ohm dummy load, inject a 1000Hz tone into the mike and adjust for a peak AM output T804, T805, T806, T807, L901, L903, L905. Do not adjust F901 or you will be sorry as this is your TVI trap and will cause interference with TV sets.

TEABERRY MODEL STALKER V

1. AMC Defeat, adjust VR4 or cut collector of TR18.
2. Using a peak reading meter and a 50 ohm dummy load, adjust for maximum AM peak output by injecting a 1000Hz tone into the mike, L21, L20, L17, L16, L14. Do not adjust L11. This is your TVI trap and messing with it is a NO - No.

ROYCE MODEL 651 TUNE UP

1. AMC: Do not cut Q205 or C235, as on low power your mod. will be to hi and badly distorted. Adjust VR203 for low power and adjust VR202 for high power.
2. With a peak reading wattmeter & a 50 ohm dummy load inject a 1000 Hz tone into the mike & adjust for peak AM output, T502, T503, T301, T302, L303, C317, C319, C317.