

SERVICE BULLETIN

AMATEUR RADIO

SUBJECT

TS-430S 500KHZ Hetrodyne

DATE

3.23.83

Some users of the TS-430S have reported a hetrodyne signal at the 500KHZ point on the band. This tone may be reduced or eliminated by the following procedure.

PARTS REQUIRED

QTY	DESCRIPTION	KENWOOD PART NUMBER
1	.001 μ f disc cap.	CC45B1H102K
1	220pf disc cap.	CC45SL1H221J
1	470 μ h coil	L40-4711-13

PROCEDURE

1. Remove top and bottom covers.
2. Turn radio bottom up and locate PLL Unit (X50-1910-00).
3. Remove the six (6) screws securing the PLL unit to the chassis and fold the unit over, to allow access to the foil side of the circuit board.
4. Remove the jumper wire that is installed between TP-1 and C6. Install the parallel circuit consisting of the 220pf capacitor and the 470 μ h coil in its place. See figure 2.
5. Install the .001 μ f capacitor as shown in figure 2.
6. Reinstall the PLL unit and replace the top and bottom covers.
7. No alignment is required.

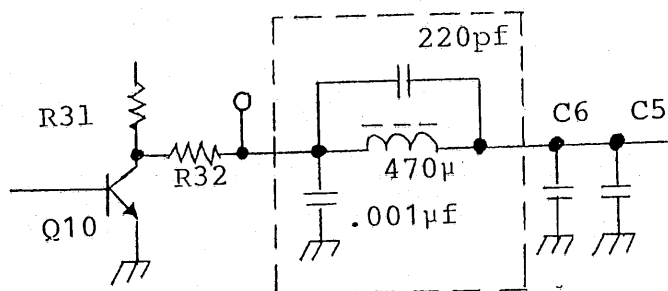


Figure 1

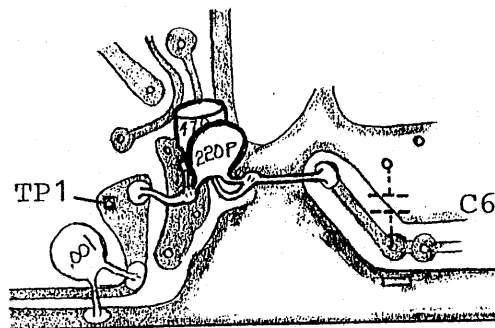


Figure 2

*NOTE: This change may be performed at the owners option and may not be performed in warranty.

CLM