

## SPECIFIC TUNEUPS

KRACO KCB-4006 "Mayday I" (IC7130/IC7131-PLL): Nice little 'Emergency Type' of unit. Smaller than the GE 'Help' units. RX Peak: T5, T6, T7, T8, and T9. TX Peak: T2, T3, T4, and T6. RV1-AMC, defeat is C47 (3.3MFd/25VDC). RV2-Sq. Rng. Increase the value of C22 (1MFd/50VDC) for noise improvement. Double up CF2 (455KHz filter) for better rejection. \*Ed. Note: I do suggest that SWR be monitored on this unit if the the small antenna that comes with it is used!

KRACO KCB-4009 "Mayday II" (IC7131-PLL): This is what they should have built to start with! Excellent, many are being used as walkie-talkies. Use the small 'rubber-ducky' and field strength meter when tuning the TX. TX Peak: T2, T3, T4, and I6. RX Peak: T5, T6, T7, T8, and T9. C22 may be increased in value for noise improvement. CF2 can be doubled/tripled up for rejection. RV1-AMC, defeat is C47 (3.3MFd/25VDC). RV2-Sq. Range.

REALISTIC TRC-433, 21-1547 (IC7132-PLL): RX alignment (at max RF Gain I14), then turn down to a suitable level and peak following: T2, T3, T4, and T5. Value of C33 (1MFD/50VDC), may be increased for noise improvement. CF2 (455KHz Filter) may be doubled up to increase the rejection. VR1-TX Lights, VR2-RX Lights, VR3-Sq Rng, and VR4-Pwr Supply adj.(set in TX). TX alignment: T7, T8, T9, I4, and I3. For increased RF power decrease value of R102 to no lower than 2.7 ohms.

FUZZBUSTER Md. Z-40, (IC7131-PLL): Owner's Manual has line-up, parts layout, and schematic. Value of C125 (1MF/50V) may be increased for less noise. CF2 should be doubled up for rejection. C253 is AMC defeat, but haven't had to remove in any unit to date. Quickie alignment: TX - I202, I203, I204, I205, I206, and I207. RX - I101, I102, I103, and I104. RV102 - S Mtr., RV103 - Sq Rng., RV201 - AMC, RV202 - Tx Mtr.

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## N E E D E D

Factory Service Manual for TRC-433....PLL Pinout/theory...

Audiovox MCB-20, Schematic

Fox: CB240, CB340, CB440; Schematics

Midland: 77-202, 75-764B, 77-805, 77-145, 77-911, 76-300, 77-155, schematics on all above units. For the 79-260 need the service manual.

Pyramid 1300, Schematic

Concept CD-85CB (AM/FM/Cassette/CB); Factory Service Manual.