

SPECIFIC TUNEUPS

KRACO KCB4007; "Latest offering from Kraco. Quality poor, unit should not have been marketed. Audio is especially of low performance even after tuneup!" (JV)
RV1-RX lights, RV2-TX lights, RV3-AMC, RV4-Sq Rng.
Will have to spread/compress L7, L6, L5, L4, and L3; for max forward. (LC7131-PLL)
(NOTE: Also see Vol. 25, page 20; for additional information.)

REALISTIC TRC474; (TC9106BP-PLL)...29C2166 RF Final (12.5W/4A), but 7W is about nominal at 27MHz. VR1-S Mtr, VR2-Sq Rng, VR3-TX Mtr (VR3 is not labeled but in unit, look forward from antenna connector.), VR4-AMC. Tune L8, and L9 for max forward, L9 has no core in most units.

MIDLAND 77-104; (LC7132-PLL)...Tune-up; RX: L1, L2, L3, L4, and L5.
TX: L8, L9, L11, and L12. C110 (1Mf/50VDC) may be increased in value for ANL improvement. RV1-RX lights, RV2-TX lights, RV3-Sq Rng, RV4-AMC (D9 is defeat if needed).

MIDLAND 77-145A (LC7132-PLL)...Tune-up; TX: L101, L102, L103, L104, and L105. C122 (1Mf/50VDC) may be increased in value for an improvement in ANL. TX: L202, L203, L204, L206, and L207. RV101-RX lights, RV102-TX lights, RV103-Sq Rng, RV104-AMC (defeat is C156, 1Mf/50VDC) if needed.

MIDLAND 76-300; (LC7131-PLL)..This is a 40 Ch. Base Station, stripped no-frills unit. Tune-up; RX: L101, L102, L108, L103, L104, L105, L106, and L107. TX: L301, L302, L303, L304, L305, and L306. RV101-Sq Rng, RV102-RX Mtr, RV202-TX Mtr, RV201-AMC (remove for defeat).

PYRAMID GTL-148; (LC7131-PLL)... This is a DELUXE 40 Ch. Mobile.
VERY INTERESTING Clarifier circuitry..(If I run into a unit, will definitely give it a shot on modifying. ED.)
Tune-up; RX: T1, T2, T13, T3, T4, and T5. TX: T8, T9, T10, L16, and L17. RV1-RX Mtr, RV2-TX Mtr, RV3-Sq Rng, RV4-TX Fo Adjust!, RV6-AWI adjust, RV7-AMC (C120 1Mf/25VDC is defeat if needed).
NOTE: This tune-up done from schematic and tunable coils were not shown..

SPECIFIC TUNEUP - EXPORT

TRISTAR 340; (LC7131-PLL)... A DELUXE 120 Ch. AM/FM mobile.
Tune-up; RX: T1, T2, T13, T3, T4, and T5.
TX: T8, T9, T10, L15, L16, and L17. R146 and R148 may be lowered in value for increased RF power output.
The Hi-Mid-Low Xtals (21.48, 21.39, and 20.94MHz), can be changed to different values for frequency changes.
RV1-RX Mtr, RV2-FM Insertion, RV3-Sq Rng, RV4-TX Fo Adj, RV5-TX Mtr, RV6-AWI, RV7-AMC (defeat is C120, 1Mf/25VDC).