

SPECIFIC RADIO TUNE-UPS (Cont'd):

Realistic TRC420 HD42853:

RX: VR3; Squelch Range.
VR4; RX S Meter.

TX: Peak T113, L102, L104, L106, L109 is T.V.I.
Zapper installs @ C171 for extra frequency.
T109; VCO

Realistic TRC470 LC7110:

RX: VR7; If AGC.
VR6; RF AGC.
VR8; Squelch Range.

TX: Peak T804, T805, T806, L901, L903, L905.
F901; T.V.I. Filter.
VR10; AMC.

Replace 11.750 XTAL in down mix oscillator for high or low Channels.

Realistic TRC421:

RX: T8, T7, T6 with 455KC, 1KC, 30% Mod. to Base Q4.
Peak T5, T4, T3, T2, T1 on Ch. 19, 1KC @ 30% Mod.
VR1; IF AGC.
VR2; Squelch Range.
VR5; RX S Meter.

TX: Peak T16, T15, T17, T18, L9, L12.
L19 is T.V.I. Filter
VR6; TX Power Meter.

For Max. Mod. cut D15 or remove Q11.

To expand frequencies, use Kit #89 Zapper and install @ C39.

Royce 1-639:

TX: AM Power-Peak L3, L4, L12, T8, T9.
VR7; AM Modulation.
VR11; SSB ALC.
VR8; Mod. Meter Cal.
VR2; S Meter.
VR10; RF Power Meter.
VR9; SWR Meter Cal.

Frequency Expansion:

Ground Pin 10 of PLL Chip for 455KC drop on SSB.