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 L-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.