

SPECIFIC RADIO TUNE-UPS (Cont'd):

JOHNSON MESSENGER 4170/4175 (Update):

RX: R17 - IF Gain
R42 - S Meter Adjust

TX: Peak - T15, T16, T17, T18, L5, L6, L7
Mod. Defeat - Pull Q19

Model 4175 - Pull R47; put 5K variable resistor in place; use to adjust lights on TX.

Model 4170 - Pull R47; put 15K variable resistor in its place; use as RF Meter adjust.

For extra frequencies: Pin 13 of PLL to 10.31 VDC, @ (Pin 6 of PLL).

Correct Factory P/N for P11: 3001-201 is: 544-3001-201

JOHNSON VIKING 4330 & 4360:

Change final to 2SC1306

RX: R2 - IF Gain

TX: Peak - T102, T5, T6, T7, T8, L3, L4, L6

NOTE: Do not touch: L7 - 2nd harmonic
L5 - 3rd harmonic

R227 - AMC

KRACO KCB4000:

RX: VR1 - AGC
VR7 - Squelch range
VR6 - S meter adjust

TX: Peak - L2, L3, L6, L9
VR4 - AMC (Do not defeat!)
VR5 - RF Meter adjust

NOTE: If you have trouble getting modulation up, tune L3 & L6 for maximum modulation.

KRACO KCB4005:

RX: VR103 - squelch range
VR102 - S meter adjust

TX: Important! Peak FL1 (filter) at Channel 21
Peak - T401, T402, L402, L403, L404
VR402 - RF output power
VR403 - RF meter adjust
VR201 - AMC (defeat D201)