

SPECIFIC RADIO TUNE-UPS

ALARON B-4075

TX: PEAK - L-302, L-303, L-304, L-305, L-306, L307, L-308, L-309
RV219 - Mic. Gain Output
Pull - D-202 (AMC Defeat)
RV301 - RF Mtr. adj.
RX: RV101 - Sq. rng.
RV102 - S Mtr. adj.

ALARON B-4900

TX: Peak out - L-401, L-403, L-406
VR402 - RF Mtr. Cal.
AMC Defeat - C228
RX: VR102 - AGC
VR301 - Sq. Rng.
VR401 - S Mtr. Cal.

ALARON B-5050A

TX: Peak - L-302, L-303, L-304, L-305, L-306, L-307, L-308, L-309
RV407 - Voltage Adj. (13.8 VDC to D.C. Gnd.)
RV219 - Mic Gain
RV301 - RF Mtr. Adj.
RX : RV101 - Sq. Rng.
RV102 - S Mtr. adj.

Change - R203: 4.7 K to 2.7 K resistor
Pull - Q202, Q206, Q208, D204, D202, C227

COBRA 77X

TX: Peak - L-208, L-209, L-210, L-211, L-212, L-214
VR207 - AMC Defeat, C-270
VR206 - RF Mtr. Adj.
RX: VR201 - AGC
VR204 - Sq. Rg.
VR205 - S Mtr. Adj.

COLT 1200 (EXCALIBUR)

(This radio has best RX filtering of any we have seen!)

Changes to unit: Change insulators on Q9, Q10, and all other transistors with "91 day wonders" to mica TO-220!
(2) Change C-1 in P/S 2.200 mf to 5,000 mf/50V.
(3) Change C-2 in P/S 100mf to 220 mf/50V.
(4) If R-302 not in unit, put in. It should be 270 ohm, $\frac{1}{2}$ W - saves on bulb life.
(5) Add 300 ohm (need 2 resistors) to signal meter light in series. Also to RF/SWR meter light.
(6) Take D-701 out of circuit.
(7) Change final to 2SC1307.

(NOTE): Do not exceed 10W in AM mode, dead key!