

SPECIFIC RADIO TUNE-UPS (Cont'd):

REALISTIC TRC-421A (21-1502)

VR-5 - S Mtr.

VR-1 - RF Gain

VR-2 - Sq. Rng.

Mod. Limiter Disable: Cut D-16 & D-17

Peak: T-12, T-13, L-3, L-6 ONLY

NOTE: Meter will peg out transmit! Pull R-69 (5.6 K);
put 10K variable in place and adjust meter!

REALISTIC TRC-424

Frequency modification identical to TRC-431, which you will find in Secret CB, Vol. 7, pp. 23, 24.

REALISTIC TRC-440

TX. ADJ.: Peak: L-102, L-104, L-106

Pull: D109

Pull: R183, put 20K variable in place. Use as RF Mtr adj.

RX. ADJ.: VR-1 - IF Gain

VR-4 - Sq. Rng.

VR-6 - S Mtr. Adj.

Change C-204 in Power Supply to 3,300 mfd/50VDC.

REALISTIC TRC-457, TRC-458, TRC-449

Frequency Modification & Slider Modification on Pg. 51, Secret CB, Vol. 3 is correct and identical for installation, per TRC-449.

Changes in TRC-457, TRC-458, TRC-449: (Immediately) all "91 day wonders" (thick insulators on drivers, finals, voltage regulators, etc.) should be changed to TO-220 mica insulators, about 40¢ each at Radio Shack. Cheap insurance.

Changes in TRC-457, TRC-458: Power Supply Filter capacitor (C-304; 3,300 mfd/25VDC). Have had to change 7 out of 10. Went to 5,000 mfd/50VDC and had no more problems.

Changes in TRC-457, 458, 449: If you are going to run AM power at maximum, change TR-25 to a GE-28 or ECG-186. Also change D-26 zener diode to a 5 watt, and C-102 to a 25V, also R-161 to 2 watt carbon resistor.

NOTE: If you are using an Expander 500 that has been "modified, change R-84 to 2.7K ohm.

TX. ADJ.: NOTE: Broadband the chassis according to Secret CB, Vol. 7, pg. 45.

Peak: L-39, L-37, L-32, L-30, CT7 (Use USB mode)

RT301- Voltage adj.; 13.8VDC max.

VR17 - LED Brilliance

VR15 - Driver Bias

VR16 - Final Bias