

SPECIFIC TUNEUPS

NEW '84 - REALISTIC TRC-412 (21-1506), 40 Ch. "Emergency" Mobile; LC7131-PLL
Big improvement on unit; is now a hand-full; with 'push-to-talk' on the side.
(Only good if you are right-handed!) Discriminating against the—LEFTY's again!
Adjustments: RV1-AMC, RV2-Sq Rng...Rx Tune: T5, T6, T7, T8, T9...

Tx Tune: T2, T3, T4, L7...

If modulation can't be brought up by adjusting, remove Q6.

For noise improvement, increase value of C22.(Note polarity, + at DC Gnd.)

NEW '84 - REALISTIC TRC-414 (21-1508), 40 Ch. AM Mobile; LC7131-PLL
NO METER, has L.E.D. Light; Instant channel 9 or 19; PA/CB/MON select.
Shiny front cover, a dull chrome.

Adjustments: VR2-Sq Rng, VR5-Rx Light adjust, VR6-Tx Light adjust.

Rx Tune: T1, T2, T3, T4, T5, T6, T7.

Tx Tune: T12, T13, L3, L6.

No AMC adjustment in unit, if too low - change R84 to a variable and adjust or remove from circuit completely. (NOTE: Will have to change VR6 to 50K).
To increase power—check R109, if 8 ohms or higher, change to a lower value.
Change C32 to a higher value for noise improvement. (+ to DC Gnd!)

REALISTIC TRC-83 (21-1605), 1W/3 Ch. Walkie-Talkie..

VR3 - Sq Range; RX Adj: T1, T2, T3, T4, T5, T6. TX Adj: T9, T10, T11, L3.

R51 may be changed to lower value for higher output. (Spec. is 700mW max!)

REALISTIC TRC-206 (21-1635 and 21-1635/9206), 3W/3 Ch. Walkie-Talkie..

The only difference between the two versions is an external power jack on the '9206'... VR3-Sq Rng. RX Adj: L1, L2, T1, T2, T3. TX Adj: L4, L6, L8, L10.
R48, may be changed to lower value for higher output. (Spec. is 1.2-1.8W max!)
*D9, may be removed for higher modulation...

EVERSONIC Md1 DK-222: (23 Ch. Mobile) TX peak for max forward mod: L11, L13, L15, L16. VT2-Sq Rng, VT3-AMC, VT4-RF Meter, VT5-S Meter.

KRACO KCB-1401: (23 Ch. Mobile) TX peak for max forward mod: L11, L10, L9. VR2-TX Mtr, VR3-RX Mtr, VR5-Sq Rng, VR7-AMC, VR8-RF Gain.

J.C. Penry 981-6235 (23 Ch. Base)-PINTO. R19-RF Gain, R116-TX Meter, R32-RX Meter, R33-Sq Rng, AMC Defeat-remove D15.

PAGE 8025 & CB166: R207-AMC, R156-Sq Rng, R413-TX Meter, R155-RX Meter.

MIDLAND 13-867: (23 Ch. Mobile) TX peak for max forward mod: L12, L13, L1, L4. VR1-TX Meter, VR2-S Meter, VR3-Sq Range, VR4-RF Gain(Note in some units labeled VR5). AMC defeat-remove D14; not marked on PCB-located near marking for TR19, which isn't on the PCB, between the Antenna conn. and PA Jack.

PEARCE-SIMPSON JAGUAR 40B: TX peak for max forward mod: L26, L25. VR3-AMC

LAFAYETTE MICRO 723: RV101-RX Mtr, RV102-TX Mtr, RV103-Sq Rng, AMC defeat-D107

JOHNSON 132: Modulation Limiter is CR11

--- CORRECTION ---

RE: Vol. 7, page 46. Alignment-paragraph 3. "Cut R43 for more ANL range - this will give you 200% improvement on your noise blanker." DELETE ALL.
ADD—Increase value of R43, don't go too high as will affect audio output.
Start with 1.5M ohm...

CORRECTION
COMPLETED
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