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.
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...

EVSONIC H11 DK-222: (23 Ch. Mobile) TX peak for max forward mod: L11, L13,
   L15, L16. VR2-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. Penny 981-6235 (23 Ch. Base)-PINTO. R19-RF Gain, R116-TX Meter,
   R32-RX Meter, R33-Sq Rng, AMC Defeat-remove D15.
PACE 8025 & CR166: 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, Ll,
   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 10 OCT 74