

SPECIFIC RADIO TUNE-UPS

COBRA 78X

First, change insulator (mica-thin type TO-220) on RF final.
IF Gain adj.: VR7
Squelch range adj.: VR3
S Meter Adj.: VR4
Modulation: VR6 - defeat, pop one leg of C49.
Peak: L10, L11, L12, L15
RF Meter Adj.: VR5
Do not touch L18, as this is the TVI trap.
(This radio is highly modifyable; some will do 12W easy.)

KRACO KCB 4030

Squelch range adj.: RV1
Modulation: RV2; if won't go up, pop Q15 out of PC board.
S Meter adj.: RV3
RF Meter adj.: RV4
Peak: T3, T4 (Some production runs: L7, 11, 12)
Do not touch L9; TVI trap.

MIDLAND 77-101B

Squelch Range adj.: RV101
S Meter adj.: RV103
Modulation: RV201 - if won't go up pop C228 out of circuit.
Peak: L303, L304, L305, L306
RV202: RF Meter adj.

MIDLAND 77-824

NOTE: Do not adjust RV301 (AWI)
Squelch Range adj.: RV101
S Meter adj.: RV103
Modulation: RV201 - if won't go up, pop one leg of C228
RF Meter adj.: RV202
Peak: L303, L304, L305, L306

REALISTIC TRC-421

IF AGC adj.: VR1
Squelch Range adj.: VR2
S Meter adj.: VR5
RF Meter adj.: VR6
Modulation defeat: Pop one leg of D16 out of PC board. Do not
pop C85.
Peak: T17, T18, L9, L12
Do not touch T19, as this is the TVI trap.