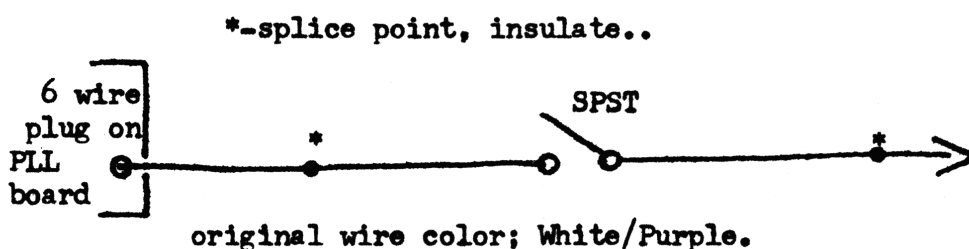


Kenwood TS530S/TS-830S, 11 Meter Modification  
by R.S.

1. Remove bottom cover, turn over so bottom is facing up.
2. Locate the PLL board, to right of the VFO.
3. A six wire plug is on the left side of the PLL board.
4. The second wire from front must be cut; a SPST switch put in series. "(additional wires will have to be spliced to existing WHITE/PURPLE wire; be sure to insulate)"  
see diagram below:



...Locate switch in a convenient position....

5. With the switch open, coverage is from 26.435-28.055MHz,

BUT....readout will be 28.435-30.055..... Band Switch on 29 mhz position

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SPECIFIC TUNEUPS

WARDS Gen-730A: Same as Gen-775A, Ref to Vol 3, pg. 61.

WARDS Gen-716A: D8-AMC; L9, and L7 for max forward.

WARDS Gen-774A: VR7-AMC; Tune L10 for max forward.

MIDLAND 13-853: VR1-RF Gain; VR2-Sq Rng; VR3-RX Mtr; VR5-AMC adjust or remove from circuit; VR6-TX Mtr. Tune L910, L912, L908, and L913. "L912 and L913 are not adjustable, spread or compress the coils to tune."

UTAC TRX-30 and SUPER TINY 23: R69 is AMC; Tune L17 for max forward.

PALOMAR 21: C204 is AMC defeat; Tune L9 for max forward.

HITACHI CM-2425H: D19 is AMC defeat; Tune T13 for max forward.

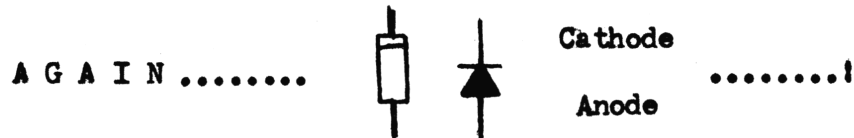
REALISTIC, TRC-50B (Mini Twenty Three): R13-IF Gain, D6 is AMC defeat. Tune T16, T15, T14, T13, T12, T11, and T10 for max forward on Ch. 12. T5, T4, and T3 are RX adjust. NEC 2SC799 final is 10W/1.5A.....

Kenwood TS530 and TS830, UPDATE  
by G.S.

This conversion allows the readout to correctly track when operating in 11 Meter band.

All modification is accomplished on the Counter Unit PCB.

A 3 pole, double-throw switch is required. Switch may be installed anywhere you desire. BUT, be VERY CAREFUL when working on the PCB.....

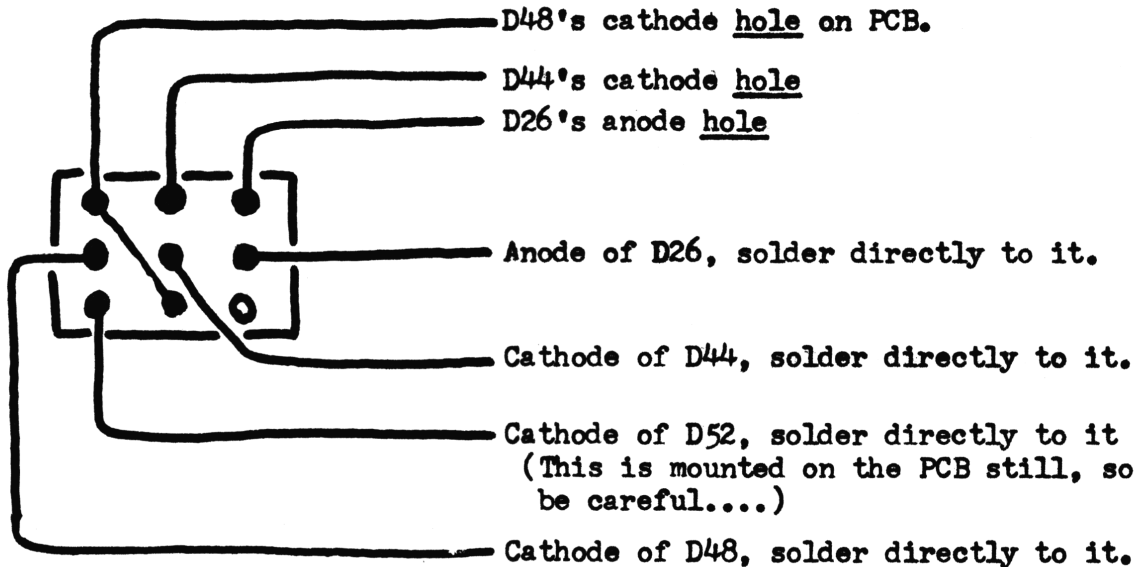


1. Lift cathode of D48, clean out hole.
2. Lift cathode of D44, clean out hole.
3. Lift anode of D26, clean out hole.

See switch wiring diagram below, use in conjunction with the schematic diagram.

....Wiring Diagram....

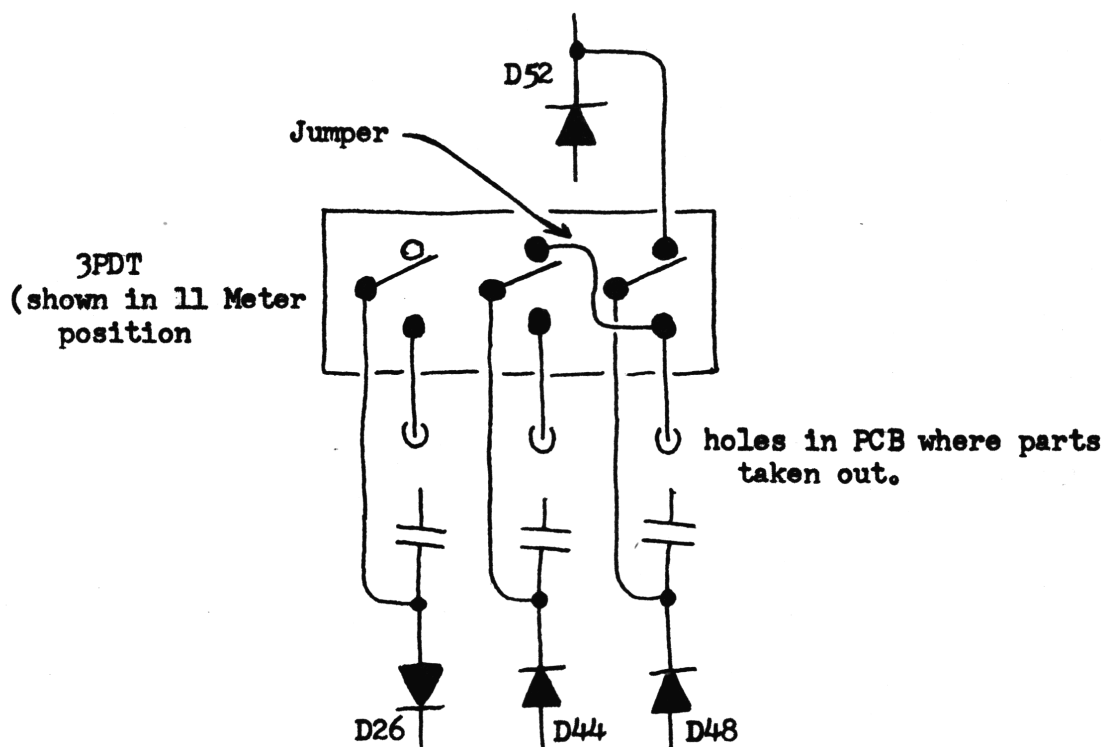
Switch UP is 11 Meter position, DOWN is 10 Meter.



Kenwood TS530/TS830 Update (cont.)....

Schematic of Modification

Double line ( $\equiv$ ) denotes break in circuitry connection.



After you have installed the new switch, use the following  
chart for frequencies...

26.435-27.075MHz.....Band Sw 28MHz position

0.5KHz button, IN

(NOTE: 0.5KHz button in the OUT position-no Fo's.)

26.935-27.575MHz.....Band Sw 29MHz position

0.5KHz button, OUT

27.435-28.075MHz.....Band Sw 29MHz position

0.5KHz button, IN