

UNIDEN PRO540E TUNE UP

TURNS OFF D81 AND D82. THE TIMING CIRCUIT WILL THEN HOLD THE TRANSMIT VOLTAGE (B+) FOR A SHORT TIME. (APPROX. .15 SEC). AND SINCE D82 IS NO LONGER GROUNDING OUT THE ROGER BEEP AUDIO, IT IS TRANSMITTED FOR THAT SHORT TIME UNTIL THE TIMING CIRCUIT IS DISCHARGED AND THE TRANSMIT VOLTAGE DROPS OFF.

HOW TO CONTROL IT

CONTROLLING THE ROGER BEEP CAN BE ACCOMPLISHED BY CONTROLLING THE TIMING CIRCUIT. C134, THE TIMING CAPACITOR, IS CONNECTED VIA A BARE WIRE JUMPER, LABELED "J9", WHICH IS LOCATED ON THE COMPONENT SIDE OF THE CIRCUIT BOARD NEAR THE S'METER. DISCONNECTING J9 WILL ALLOW THE TRANSMIT VOLTAGE TO DROP BEFORE THE TONE BURST IS TRANSMITTED. THE TWO ENDS OF J9 CAN BE WIRED THROUGH A SPST SWITCH ALLOWING THE ROGER BEEP TO BE TURNED ON OR OFF AS THE OPERATOR CHOOSES.

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PLL = TC9106BP

FINAL = 2SC2166

SQUELCH-VR1

S'METER-VR2

RF METER-VR3

SWR CAL-VR4

L10,L11,L12,L15, & L16 = TUNE FOR MAXIMUM FOWARD SWING.YOU WILL HAVE TO SPREAD OR COMPRESS L10,L11,& L15 TO TUNE.

ROYCE 1-612 UPDATE

FREQ MOD,REF:VOL#5 PG-45

. *JAMES VAUGHAN*

ANL SWITCH

- 1.REMOVE WHITE & BLUE WIRES FROM ANL SWITCH TO PCB AT PCB.
- 2.SOLDER BLUE WIRE TO TERMINAL ON PLL CAN WITH RED WIRE. (RED WIRE RUNS FROM PLL CAN TO CHANNEL SELECTOR.)
- 3.SOLDER WHITE WIRE TO PCB GROUND.

NEW FREQUENCIES, ANL "OFF" = GIVES 26.735-26.935 ON CHANNELS 8-23.

ANL "ON" = NORMAL CHANNELS.