

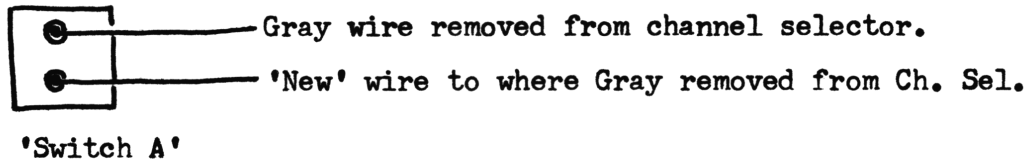
"Seems like I get all the odd-balls and old units into my shop for repair, and this was no exception. No Sams or schematic! Almost turned it down for repair, but it turned out a lot better than I thought."

Unit has a 2SC1816 RF Final, (16W, 4A); mica insulator - but no heat sink compound?

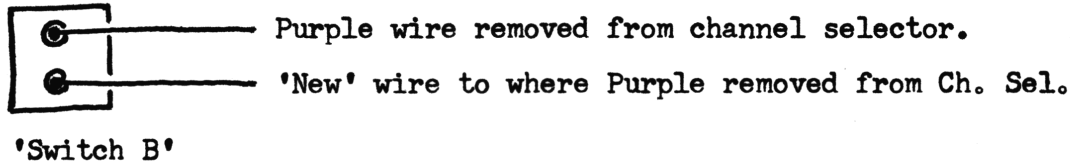
Tuneup: VR202 - AMC, VR203 - TX Mtr, VR101 - Sq. Rng., VR102 - RX Mtr,  
Tune L203, L204, L205, TC202, T203, T205, and T206; for max forward.

Fo Conversion: 26.055 - 27.405MHz.....

1. Remove Gray wire from channel selector; wire to SPST as shown below; also run another wire from switch back to where original wire was removed.

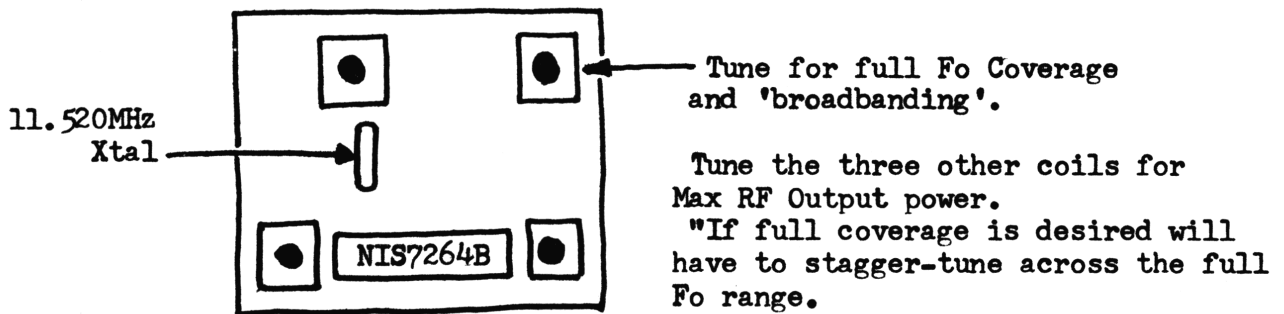


2. Remove Purple wire from channel selector; wire to SPST as shown below; also run another wire from switch back to where original wire was removed.



Fo's.... A and B OPEN: 26.055-26.315MHz, selector pos. 5 - 27  
A OPEN: 26.325-26.685MHz, selector pos. 1 - 32  
B OPEN: 26.695-26.955MHz, selector pos. 5 - 27

VCO will have to be re-tuned for full Fo Range. Remove top from PLL cage. There are no Parts I.D. #'s in PLL circuit. See drawing below:



Final results on initial unit: 4W-26.055; 5W-26.315; 6W-26.685;  
6.5W-26.955; 6W-27.205; 5W-27.405.....

Channel rejection was fair-good; if more needed; see prior SCB #19.  
Forward swing was good on all Frequencies after modification.