

SPECIFIC RADIO TUNEUPS CONTINUED:

TEABERRY MODEL STALKER XII

1. AMC Disable, adjust VR6 or D16.
2. With a peak reading wattmeter and a 50 ohm dummy load, inject a 1000Hz tone into the mike and adjust for maximum peak AM, L24, L25, L17, L16, L13. Do not touch L10 as this is your 54MHz TVI filter. This is factory adjusted to keep you out of your neighbor's TV set. In other words, keep your cotton-pickin hands off the goodies!

HOW TO MAKE YOUR 858 CHASSIS SLIDE

The unidine 858 chassis: When we look at the print on the radio we see the voltage going to the varactor diodes D45, D41, D43 is switched in the transmit mode to a fixed voltage and the voltage in the receive is variable. What we must do is modify the radio to give us a variable voltage in the RX and TX mode. To do this we must remove all fixed transmit voltage from the circuit by cutting D30. Now we must apply constant voltage to the clarifier pot VR201. To do this we remove R119 and D32. R119 goes to the receive only voltage source and D32 is 5.90V. zener diode.

We then apply voltage to the clarifier by connecting a jumper from the + side of C135 to the + side of where D32 was removed. This applies 9150 volts in transmit and receive. By looking at the print we see R116, a 3.3Kohm, holds VR401 from ground, so we short R116 or remove the purple/white wire from the P/C board and move it to ground. R117 provides a constant voltage source to the varactors. This limits the amount of slide so we remove R117. To check our work we apply a voltmeter to the + side of the var. caps and we should have 0 volts to +, 9 volts on both TX and RX by varying VR401.

By removing the shunt caps CT6, Ct4, CT5 we allow more upward slide, and by removing D45, D41, D43, and installing super diodes and super slides you increase the slide up to 20Khz. By applying the principles here you can make any radio slide. Remember, you must remove all fixed voltages and apply variable voltages.

SEE TEN TURN POT APPLICATION TO SLIDE IN THIS ISSUE.

GOOD LUCK.

"SECRET CB" TELLS IT LIKE IT IS!!!!!!!!!!!!!!!!!!!!!!