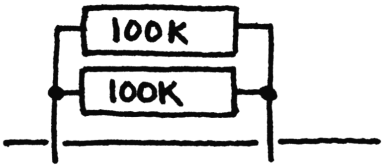
TRAM D201/201A; SERVICE NOTES

by G.B.

I buy, rebuild, and sell; a lot of Tram D201/201A's.

One common problem on both units is located on the receiver board. I have found on most that resistors; R502, R503, R507, and R508 are mounted too close to the PCB. (I replace them, and mount ½" above the board - for heat disappation, and protect the PCB.)

On D201 (23 ch.); I remove the 2-47K 3W Metal Oxide resistors; R-418 and R-419. Replace each with 2-100K 2W resistors in parallel, mounted ½" above board. See Drawing:



BA BOARD: Measure values of R-638/R-639 (220 ohm 2W); also R-611/ R-612/R-613 and R-614 (10K 2W). Replace if needed with 2% tolerance and mount off PCB.

AUDIO BOARD: R-6, 100 ohm 7W wire wound. If mounted flat on PCB, lift ¼" to permit air flow. NOTE——make sure BA Board seats properly afterwards.

TRAM XLR 23 Ch. SSB

For extra channels, use crystal charts: SCB Vol. 1 and 2 (Y201-Y206). Slider Mod: Tie Green wire from wiper of clarifier pot to junction of R222/L203. Remove R228 completely; replace CR-203 with "Super Diode"; also add a "Variable Choke" (2-8uH) in series with Anode to D.C. Gnd. Adjust choke for desired slide range.... R616-AMC (defeat C611, 4.7Mf electrolytic), ALC-R130, Mike Gain-R617, Adjust L108, L106 for max forward drive on LSB, with 1KHz audio input to mike.

PUBLISHER's NOTE

We have been getting some requests for crystal rig modifications. To do this "reprinting" would be a dis-service. Obtain SCB Vol 1 & 2.