



SERVICE BULLETIN

from: TRIO-KENWOOD COMMUNICATIONS, INC.

No. 7 (1/1)

SUBJECT: SERVICE NOTES ON T-599A/D

DATE 11-2-77

1. No ALC - Drive 10 meters: Check for loose contact at oscillator wafer on coil pack.
2. No Tx any band: Check the T-1 on generator board (X52-0009-00).
3. No Tx: Bad driver FET Q1 3SK22(GR) on (X47-0004-00).
4. No relay action when Tx: Bad Q8 2SA562(Y). When replacing Q8 change resistor R16 to 4.7 ohm.
5. Rubber belt slipping on drive and load: TKC has Chain Modification Kit.
6. No drive when shock: Check for loose output terminal at carrier unit (X50-0002-00).
7. Low Power 75 meters: Check for shorting terminals at final rotary switch (S10-1002-05).
8. No output on any band: Check T-2 on GEN unit (X42-0009-00).
9. No Tx: Check final relay for burned contacts. (S51-4017-15).
10. Bias current too high and blows fuse: Check for bad S-7001A and shorted cathode resistors 10 ohm.
11. Cannot neutralize: Make sure shield is properly installed on driver 12BY7.
12. No output from generator unit (X52-0009-00): Bad Q4 TA7045.
13. No 9 volt out at AVR (X43-0010-00): Check Q1 2SA606(L).
14. Low output power: If American 12BY7 is used in driver circuit, this can cause parasitic oscillation. Please use standard Kenwood replacement tubes.
15. Blows fuse: Check for shorted electrolytics at power supply (X43-0011-00).
16. AC hum on SSB transmission: Send for TKC bulletin.