

SB-007

Service Notes on T-599A/D

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 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 ohms.
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-2001A and shorted cathode resistors, 10 ohm.
11. Cannot neutralize: Make sure shield is properly installed on driver 12BY7A.
12. No output from generator unit (X52-0009-00): Bad Q4 TA7045.
13. No 9 volt out at AVR (X43-010-00): 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 (X43-011-00).

16. AC hum on SSB transmission: Send for TKC bulletin.

(c) 11277TKC