

SERVICE BULLETIN

AMATEUR RADIO

SUBJECT
TS-930S SERVICE NOTES ON AT-930DATE
8-23-83

Some of the symptoms and cures for troubles that have been encountered with the AT-930 are listed below.

1. The motors do not stop on all bands.

Possible causes:

- a. Cold solder joint of plated VCJ wire.
- b. Cold solder joint of L18 lead.
- c. Cold solder joint of the wire between pin 13 of Q39 and R139, D33 and R138.

2. The motors do not stop on the 7 Mhz band.

Possible cause:

The rotor of VC2 contacts (shorts against) the stator.

3. The motors do not stop on the 28 Mhz band.

Possible Cause:

Cold solder joint between D33 and R84.

4. The AUTO mode does not reset.

Possible Cause:

The wire from R138, R139 and D33 may touch Q39 pin 14.

5. The motors stop when SWR is at maximum.

Possible Cause:

The wire from R138, R139 and D33 touches Q39 pin 14 and the foil is broken around VC1.

AT UNIT (X57-1010-00) Component side view

