

SERVICE BULLETIN

AMATEUR RADIO

SUBJECT

TS-430S PLL UNLOCK AT HIGH TEMPERATURES (REVISION)

DATE

9-14-85

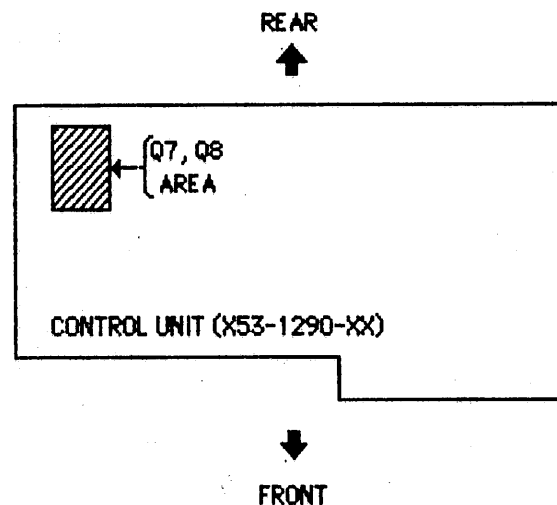
This service bulletin supercedes bulletin 891, which concerned low input levels to IC-16 as the radio warmed up. This bulletin incorporates information contained in Bulletin 891 plus additional information.

PROCEDURE:

On the CONTROL UNIT (X53-1290-XX):

Check transistor Q8. If it is not a 2SC1815(Y) change it to this type (Serial numbers 408XXXX-509XXXX).

For serial numbers before 408XXXX change R29 to 820.0 Ω and C41 to 100 pF.



In addition to the changes listed above check for the following signals, (You must check these at a dial frequency of exactly 14.000.000 Mhz):

TP-1 6.0 volts (L-18 is the adjustment)

TP-2 70 Mhz

TP-3 45.3 Mhz

TP-4 6.35 volts (L10 is the adjustment)

Time required for this modification is 1 hour or less. ©TKC985CLM