

KENWOOD

SERVICE BULLETIN

AMATEUR RADIO

SUBJECT

PS-50 IMPROVED VOLTAGE SURGE PROTECTION

DATE

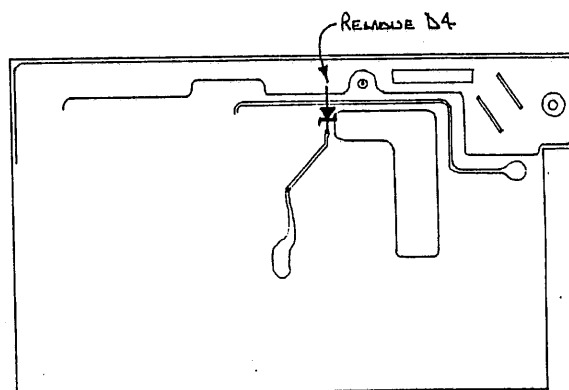
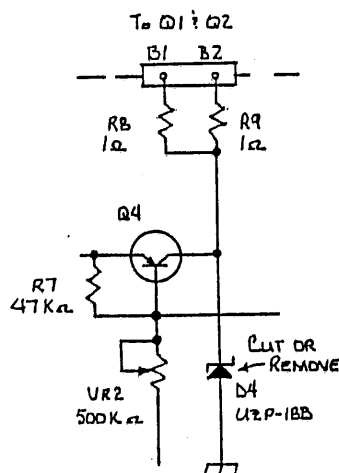
5-23-86

We have received a few reports regarding the loss of transistor Q4, resistors R2, and R3, and zener diode D4 on the AVR UNIT. Apparently a voltage surge on the power input might cause D4 to short. If this occurs the surge current thru resistors R2 and R3 could be high causing the failure of the two resistors and Q4.

Procedure:

On the AVR UNIT (X43-1520-00) open or remove diode D4. The drawings below show the location of this component.

If you receive a unit with no output voltage check D4, R2, R3, and Q4. You should replace R2, R3, and Q4 if there is any sign of damage to any of these components.



AVR UNIT (X43-1520-00) Component Side

This change applies to units with serial numbers before 7040001.
Time required for this modification is 1/2 hour or less.
(c) 52386TKCLM