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DATE: May 20, 1983

REVISION DATE: May 20, 1983

BULLETIN NO.: 100:01

PRODUCT: 26-3801/2 Model 100

SUBASSEMBLY: AX-9350 Main PCB

PURPOSE: To correct Model 100 RS232 problems with the DC1200 modem and the Model 12.

DISCUSSION: The Model 100 will not work with the DC1200 Modem and works intermittently with Model 12. This problem may also show up in other Radio Shack serial devices as well as non-Radio Shack devices. The 5.6 Kohms resistance of R91, R94, and R99 is too large. These resistors are provided as short circuit protection for the CMOS drivers. When the Model 100 RS232 is connected to the DC1200 or the Model 12 the pull down resistors in these units form a voltage dividing network with R91, R94, and R99 of the Model 100. The voltage drop across these resistors causes the input to the RS232 receivers to fall in the grey zone of ± 3 volts DC.

PROCEDURE: Replace R91, R94, and R99 with 330 ohm resistors (AN-0159EED 26-9999R). This modification should be performed on Model 100's below the following serial numbers:

26-3801 S/N 306000001
26-3802 S/N 306001901

Any unit demonstrating this problem should be checked for the correct value resistors.

Radio Shack®

DATE: July 7, 1983

REVISION DATE: August 4, 1983

BULLETIN NO.: 100:02

PRODUCT: 26-3801/2 Model 100

SUBASSEMBLY: AX-9350 Main Logic Board

PURPOSE: Battery replacement for the Model 100 main logic board.

DISCUSSION/PROCEDURE:

When the Model 100 main logic board (AX-9350) is replaced the memory backup battery must be replaced with a fresh battery (ACS-0100). This will guarantee the customer the maximum battery life before the memory backup battery will have to be replaced. **Note: All Model 100 main logic boards (AX-9350) must have the battery removed before they are returned to National Parts.**

DATE: March 2, 1984

REVISION DATE: March 2, 1984

BULLETIN NO.: 1ØØ:Ø3

PRODUCT: 26-38Ø1 Model 1ØØ

SUBASSEMBLY: ROM's

PURPOSE: To explain different version ROM requires different version of PCB.

DISCUSSION/PROCEDURE:

The Model 1ØØ has two different versions of ROM. The first version is made by SHARP whereas the second version is made by HITACHI. The ROM's are identical to the user however their supply pins are different requiring a small change to the PCB. This change requires the PCB and the ROM to be matched. If the ROM and PCB are not matched, on power up the screen will be completly black. Below is a list showing which ROM works in which board:

ROM	PCB
SHARP	Rev. B & C
HITACHI	Rev. E (board number PLX11ØEH1X)