Tech Info Library

Macintosh Plus: Serial Printer Damages SCSI Port

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Revised:        7/22/88
Security:       Everyone
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Macintosh Plus: Serial Printer Damages SCSI Port

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Article Created: 23 January 1986
Article Last Reviewed: 17 July 1992
Article Last Updated:

PROBLEM DESCRIPTION: When a serial printer is plugged into
the SCSI DB-25 port of a Macintosh Plus, the logic board
is damaged and the logic board must be replaced.

CAUSE: Serial printers with DB-25 connectors commonly use the RS-232
electrical interface standard. The DB-25 port on the Macintosh Plus
is a SCSI port, not an RS232 port. SCSI is a high speed parallel
interface and is not compatable with RS-232. The chips used by the
SCSI port in the Mac Plus may be damaged by the RS-232 signals from
a serial printer.

CURE: Replace the Mac's logic board. To use a serial RS-232
device with the Mac Plus, use Apple's mini-circular 8 to DB-25
peripheral cable.

If the above cure doesn't fix the problem, refer to the Tech
Procedures to obtain the general troubleshooting for this product.

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Tech Info Library Article Number:1687