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## SCSI Loopback: How to Modify Older Cards (11/94)

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TOPIC -----

I have a Macintosh II and a SCSI Loopback PCB (part number 821-7001-00).  
When I run MacTest 7.0, the SCSI test is grayed out and unusable.

There is a new SCSI Loopback PCB with the same part number as above but  
with a "-A" at the end rather than the "-00". Is it possible to modify the  
older "-00" loopback so that it will work like the "-A" loopback?

DISCUSSION -----

Yes, you can modify the SCSI Loopback card to work like the new ones. The  
directions to do this are in the Macintosh Family Technical Procedures,  
Volume Two, Macintosh II/IIx/IIfx, page 3.26-3.27, May 90.

For convenience, here are the directions for modification of the older SCSI  
Loopback Card.

First identify which revision card you have, if the part number ends with -00  
the card needs to be modified. You can find the part number on the underside of  
the card under the words Apple Computer.

If your card needs modification, you will need to solder a wire jumper from pin  
25 of J1 to pin 14 of RP1.

The pins are not numbered so it is important to have the orientation correct in  
order to successfully install the jumper. With the underside (non-chip side)  
facing you and the cable connector at the top, pin 25 of J1 is at the upper  
leftmost corner of the card. Pin 14 of RP1 is the middle row of pins closest to  
the left edge of the card.

Apple Tech Procedures has a diagram of the card which provides a visual cue for  
installation of the jumper, refer to it if you have it available.

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14 Nov 1994 - Added full description of jumper installation.

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