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Apple Scanner: SCSI Problems Related to Capacitor Packs (3/95)

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TOPIC -----

I have one of the original Apple Scanners that can scan up to sixteen shades of gray. Sometimes my Macintosh will not start-up when the Apple Scanner is attached, and other times it locks up (freezes) when I am scanning documents. What could cause these problems?

DISCUSSION -----

Some of the early Apple Scanners experienced SCSI problems which were later traced to several capacitor packs on the main logic board. A service procedure was put together asking service providers to inspect the main logic board at component locations CA4, CA5, and CA6 near the SCSI connectors and remove the capacitor packs if they are present. The procedure recommends that the capacitor leads (8 pins per pack) be cut to remove the capacitor packs, but another method for removing the capacitors is to bend them back and forth until the leads break from fatigue. Either method will work fine.

While the scanner logic board is visible check to make sure that the termination power fuse is not open. The fuse is a 1 amp replaceable fuse and is identified as component FU1.

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