

READ ME FIRST

Sun 3/200s +CDC 1/2" Drive +Tapemaster Controller

Purpose

The purpose of this notice is to inform you that Sun-3/260's and 3/280's using 3.2FCS software and configured with CDC 1/2" tape drives and CPC Tapemaster controllers, experience hangs when trying to boot from 1/2" tape.

Workaround

If you are doing a first time installation following *Installing UNIX on the Sun Workstation*, you need to do the steps in the next procedure. While proceeding, be careful to note the difference between lowercase L's and 1's (ones) in the instructions below. Also note that the addresses and data given below must exactly match those on the system being patched, otherwise something is wrong. Contact your Field Support representative.

1. When initially booting from tape†, type the following **boldface** items to fix the hang. (The items in listing font are prompts from the system.)

```
>bmt()
Boot: mt (0, 0, 0)
Boot: <L1-A>           [abort at this point ]
Abort at <some_address>
>l a18ae
000A18AE: 61FFFFFF? 4e714e71
000A18B2: FBD8504F? 4e71504f
000A18B6: 206EFFFC? q
>c
mt(,3)
```

2. Continue the installation process by running `diag`, as described in *Installing UNIX on the Sun Workstation*, to format and label the disk.
3. When you finish, exit `diag` as follows:

```
diag> q
```

Now you need to patch the Standalone Copy program to fix the same problem.

4. Patch Standalone Copy, as follows, to get `miniroot` off the tape and onto the disk:

```
Boot: mt(,,4)
Size: ... [numbers vary with system level]
Standalone Copy
From: <L1-A> [abort at this point ]
Abort at <some_address>
>l 563a
0000563A: 61FFFFFF? 4e714e71
0000563E: FBD8504F? 4e71504f
00005642: 206EFFFC? q
>c
mt(,,5)
To: disk(,,1) [Use the proper device abbreviation for "disk" ]
```

The patches are now complete, and your tape drive should function properly. Copy will then boot miniroot from the disk. Then you can proceed with *Setup*, as described in *Installing UNIX on the Sun Workstation*.

† If you are installing the distribution tape using the 3.2 *Installing UNIX on the Sun Workstation*, (800-1521-05), you will be doing this initial boot in Section 2.4 (*Loading the Bootstrap Program*) of Chapter 2 (*Getting Started*).