SCSI Hard Disk Problem/Cure

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PROBLEM:
When an external SCSI hard disk is connected to either a Macintosh SE or
Macintosh II with an internal SCSI hard disk, neither hard disk is recognized
by the system. When the external drive is disconnected, the internal hard disk
works correctly.

Terms used in this article:
UUT = unit under test

CURE:
1) Does the system with the internal drive come up ok by itself and
    do diagnostics pass ok?

    Yes -- Go on to Step 2
    No -- Repair machine with normal diagnostic techniques and then retest
             configuration

2) Does the external SCSI device operate correctly on a Macintosh
    Plus, Macintosh SE with two 800Kb drives, or on the UUT when the
    internal SCSI cable is disconnected from the motherboard?

    Yes -- Go on to step 3
    No -- Repair external device using normal diagnostic techniques
             then re-test the configuration.

3) a) Fix or replace the SCSI address select switch on the external SCSI
      device
   b) Fix or replace the SCSI Device select cable on the external SCSI
      device
   c) Check or replace the external device's SCSI terminator.

Explanation: If the drives (internal and external) work independently of each
other, chances are they conflict in one of two possible areas: Either there is
a SCSI address conflict or the SCSI buss is not terminated properly.
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