Apple TechStep: Floppy-Disk Error Codes (4/93)

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TOPIC   ---

I am using the Apple TechStep on a Macintosh IIcx. After running the
floppy test on a suspect floppy drive mechanism, the Apple TechStep
reports "drive failed error 5601".

I did not find documentation for this code in my Apple TechStep
Troubleshooting Guide. What does this error mean?

DISCUSSION ---

The Apple TechStep error reported indicates the floppy drive is suspect or
the test disk is faulty.

Error 56xx indicates that the 1.4MB write test has failed (failure to
write to disk) or the test disk itself is faulty. The xx portion of
the error refers to the subtest being performed.

Use the Apple TechStep ROM pack on another system and perform the same
tests. If the tests pass, then the Apple TechStep ROM pack is fine
and the floppy drive on the IIcx is suspect.

For a complete listing of Apple TechStep Error Codes and troubleshooting
tips for Macintosh products, please reference the Apple TechStep
Troubleshooting Guide Volume 3. The Apple TechStep Troubleshooting
Guide Volume 3 is included with the ROM Pack (Volume 3) for the
Apple TechStep. The part number for the Volume 3 ROM pack is 652-0614.

                  Apple TechStep Floppy Error Codes

Error Code	Explanation	Probable Cause
21xx	Motor control handshake test failed.	Floppy drive
22xx	Recalibration test failed.	Floppy drive

24xx	Rapid head step test failed.	Floppy drive
25xx	Head overstep test failed.	Floppy drive
31xx	Mode Change timing test failed.	Floppy drive
32xx	Step time test failed.	Floppy drive
33xx	Motor speed change time test fail	Floppy drive
34xx	GCR motor start timing test failed.	Floppy drive
35xx	800K speed test failed.	Floppy drive
37xx	720K speed test failed.	Floppy drive
38xx	1.4MB speed test failed.	Floppy drive
42xx	800K format test failed.	Floppy Drive/test disk is faulty.
43xx	800K read/write test failed.	Floppy Drive/test disk is faulty.
51xx	720K format test failed.	1. Disk is suspect/ test disk faulty 2. Floppy Drive
52xx	1.4MB format test failed.	1. Disk is suspect/ test disk faulty 2. Floppy Drive
53xx	720K read/write test failed.	1. Disk is suspect/ test disk faulty 2. Floppy Drive
54xx	1.4MB read/write test failed.	1. Disk is suspect/ test disk faulty 2. Floppy Drive
55xx	720K write test failed.	1. Disk is suspect/ test disk faulty 2. Floppy Drive
56xx	1.4MB write test failed.	1. Disk is suspect/ test disk faulty 2. Floppy Drive
Unknown	Invalid error code.	Floppy Drive

Keywords: <None>

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