

## Re: Second hard drive causing blue screen error

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*Source:*

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2006-12/msg00142.html>

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- *From:* "Bob H" <[bobandshauna@xxxxxxx](mailto:bobandshauna@xxxxxxx)>
  - *Date:* Thu, 30 Nov 2006 09:05:32 -0800
- 

Sorry for causing confusion but the MAXTOR is booting just fine, when no other HDD is hooked up. The Western Digital is the problem drive.

XP was running on the Western Digital. The MAXTOR was being used as storage, it was blank. Then one day the BSoD began. I disconnected the Western Digital and installed XP on the MAXTOR, leaving the Western Digital disconnected. Now I am attempting to access the Western Digital. And in order to do that I must hook it up. When I hook up the Western Digital, the system reboots and I get BSoD, if I hook up only the Western Digital and leave the MAXTOR disconnected I get the BSoD. Having only the MAXTOR hooked up I have no issues. It appears the PC wants to boot from the Western Digital. Is there a way to not have the Western Digital hooked up but not have the HDD try to run XP?

"Anna" <[myname@xxxxxxxx](mailto:myname@xxxxxxxx)> wrote in message  
[news:uxuT8EJFHHA.3616@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uxuT8EJFHHA.3616@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

"Bob H"  
<[bobandshauna@xxxxxxx](mailto:bobandshauna@xxxxxxx)>  
wrote in message  
[news:uyZVND\\$EHHA.3768@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uyZVND$EHHA.3768@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

I have two  
hard drives.  
I was using  
one for  
storage and  
the other to  
run  
WindowsXP.  
I received a  
"blue  
screen"  
error on the  
Windows

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drive  
and was  
unable to  
reboot  
without the  
error  
re-appearing.

I then  
disconnected  
that drive  
and  
installed  
windows on  
the other  
drive with  
the  
intention of  
recovering  
files off the  
first. This is  
where my  
issue  
begins.  
When I  
hook up  
4-pin cord  
as well as  
the  
20/24-pin  
cord the pc  
reboots and  
I get the  
blue screen  
error.

I thought  
that I would  
be able to  
hook up the  
old drive  
and access  
files as if  
the drive  
was storage.

Is there a  
way I can  
access this



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without having both plugged  
in, I mean can I set a boot order without  
having the second connected?

thanks, Bob

"Anna" <myname@xxxxxxxx> wrote in message  
[news:OlfCqzCFHHA.3540@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OlfCqzCFHHA.3540@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Bob:

First of all, when posing questions of this nature it's always a  
good  
idea to give some details about the components involved and  
your precise  
action(s) in trying to overcome the problem. For example...

1. What is the make & model of your "old" HDD, your  
original boot HDD  
and your previous storage HDD?
2. How were they originally connected & configured  
(jumpered)? I presume  
they are PATA (not SATA) HDDs, right? And presumably  
the boot HDD was  
connected to the Primary IDE channel as a Master device,  
yes? What about  
the "storage" HDD was it connected as a Slave to the boot  
drive? Or  
connected to the secondary IDE channel? How is it  
jumpered?
3. What's the make & model of your motherboard?
4. When this problem first arose, is there any clue as to why  
it  
occurred? Had you just made some software or hardware  
changes? Did it  
just occur "out of the blue"?
5. After the problem arose, did you try booting to Safe Mode  
Options? Do  
you know what this is? If not, see  
<http://support.microsoft.com/kb/315222>  
No luck?
6. You're pretty sure your PC is free of viruses and other  
malware?
7. You mentioned that you disconnected the original boot  
HDD and then  
did a fresh install onto the "storage" (secondary) HDD. Did  
you  
reconnect that latter HDD or does it occupy the same  
position it has

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always had? Did you change the jumper setting?

9. When you installed the XP OS onto that second HDD, did the install go

without incident? No problems during the installation process? It was

only after you completed the install and the system rebooted that you

got the BSOD?

8. In your original posting you stated "When I hook up 4-pin cord as

well as the 20/24-pin cord the pc reboots and ...". Is there some reason

you're mentioning your power supply connection and (I assume) your 4-pin

ATX12V power plug connection? Has there been some problem here or are

you just indicating you're powering up the computer?

Why don't you respond to the above and then we can go on if you want?

"Bob H" <bobandshauna@xxxxxxx> wrote in message  
[news:%235kvq9EFHHA.320@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%235kvq9EFHHA.320@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Anna

1) The "old" HDD that will not boot without going BSoD is a Western Digital WD 800JB (WD Caviar SE), this was originally my HDD that would boot XP, the other HDD which I wiped and used for storage was MAXTOR D740X-6L (MAXTOR 6L040J2 ). When the Western Digital began the BSoD I

disconnected the HDD, left only the MAXTOR which I installed XP on. Now I cannot connect both as I get the BSoD from the Western Digital

2) The connections are PATA, all from the same ribbon, does that answer the question?

3) Motherboard is: ABIT <http://www.abit.com.tw> VT8366A-8233 (KR7A) v1.0 ~ (KR7A Raid)

BIOS: Award Software International, Inc. 6.00 PG 11/23/2001

4) When the problem first occurred.. I have no idea why it happened. The BSoD message was along the lines of "windows encountered an error, if this is the first time reboot blah blah blah". Attempting to boot in safe mode is no good as I get the same BSoD.

5) No luck with Safe Mode, I get the BSoD

6) The PC is virus free, regular Norton scans, three or four different

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spyware scanners

7) The cable settings have changed, I disconnected the bad HDD and installed one the good. Now hooking both up results in the blue screen.

8) There was no reason to mention the power supply other than to mention what I was hooking up to the drive.

9) Previous to the BSOD the MAXTOR was wiped drive with nothing on it. The Western Digital was running XP. BSOD appeared so I disconnected it and installed XP on the MAXTOR and disconnected the Western Digital

Bob:

The real question here (at least for the initial diagnoses) is why did your WD HDD become unbootable to begin with? The fact that you freshly installed XP on your Maxtor HDD and that too didn't boot indicates that the problem may be hardware-related. Presumably both HDDs wouldn't be defective at the same time and you've no reason to suspect this, right? You could, of course, check out the disks with a HDD diagnostic from the disk's manufacturer (probably either the WD or Maxtor diagnostic will work with both drives) although it does seem highly unlikely that you would have two HDDs becoming simultaneously defective. (That explains why I was asking you about your PS comment in your OP)

And just to confirm...after the WD became unbootable and you disconnected it from the system and before you installed XP on the Maxtor, did you change the Maxtor's connection so that it would be now connected to the Primary IDE channel as Master (just like the WD before it)? And, of course, change its jumper setting accordingly? Or was it still connected as a Slave when you installed XP on it? Anyway, if the Maxtor isn't now connected as Primary Master, do so connect it as such and try a boot (the WD still being disconnected, of course).

And just to confirm again...when you installed XP on the Maxtor, this was a fresh install of the OS, right? And the install went without a hitch right to the end of the installation process, right? And only then when the system rebooted did you get the BSOD, right? You said that the Maxtor was a "wiped drive"; how were you able to do this if your WD wasn't bootable? Or had the Maxtor been previously "wiped"?

When you get into your BIOS (I assume you know how to do this), any clue there re HDD recognition (or lack of)? BIOS elements relating to HDD seem proper?

Assuming no luck along the lines we've discussed, do this...

1. Disconnect your HDDs from the system. Ditto for your soundcard or any other external devices.
2. Power on with *\*only\** your power supply, processor, heatsink, CPU fan,

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RAM modules, and graphics card connected. Nothing else. And confirm that those components are properly seated. If you have a PS tester, use it.

3. Do you get a screen display? If so, any error-type messages?

Anna