

## Re: Drive–Drive copy w/Ghost, boot hangs

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*Source:*

<http://www.tech–archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2006–12/msg02376.html>

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- *From:* "Brian A" <gonefish'n@afarawaylake>
  - *Date:* Tue, 5 Dec 2006 01:52:12 –0600
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I had a similar situation after copying from PATA to SATA w/Ghost 2003. I tried the recommended switches –fni (disables direct IDE access support for IDE hard disk operations – same as the –noide switch), –fns (disables direct ASPI/SCSI access support for SCSI hard disk operations – same as the –noscsi switch), –fnx (disables extended Int13 support for hard disks) in combos and alone without success. What I finally wound up having to do was:

Boot the original PATA drive.

Enter the registry.

Delete all of the entries except for the default in the right pane at:

hkey\_local\_machine\system\mounted devices

Shutdown.

Remove the PATA and connect the SATA.

Reboot.

Shutdown.

Connect the PATA and boot to disk maintenance w/BING boot disk.

Remove the Active bit from the PATA and reboot.

As I mentioned, the disk involved were a PATA and SATA unlike your setup. It would be your own choice if you decided to try it.

I'm not sure if this would help or have any ramifications, yet another thing to try would be booting to the Recovery Console and running fixmbr and/or fixboot.

How to install the Windows Recovery Console

<http://support.microsoft.com/default.aspx?scid=kb:en–us:216417>

How to install and use the Recovery Console in Windows XP

<http://support.microsoft.com/default.aspx?scid=kb:en–us:307654>

How to remove Windows Recovery Console

<http://support.microsoft.com/default.aspx?scid=kb:en–us:555032>

[http://www.michaelstevensstech.com/moving\\_xp.html](http://www.michaelstevensstech.com/moving_xp.html)

<http://www.michaelstevensstech.com/XPrepairinstall.htm>

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Brian A. Sesko { MS MVP\_Shell/User }  
Conflicts start where information lacks.  
<http://basconotw.mvps.org/>

Suggested posting do's/don'ts: <http://www.dts-l.org/goodpost.htm>  
How to ask a question: <http://support.microsoft.com/kb/555375>

"Pat Coghlan" <news@xxxxxxxxxx> wrote in message  
[news:45750df4\\$0\\$17876\\$c3e8da3@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:45750df4$0$17876$c3e8da3@xxxxxxxxxxxxxxxxxxxxxxxx)

My current system is: SATA, C: (primary, active), D: (primary)

I have a new (larger) SATA drive (one primary and one extended partition) which I'm trying to copy my system to w/Ghost.

When I copy over the two partitions, marking the new system partition as active, my machine hangs after the WinXP splash screen. I get a blue screen with a small Windows logo; the same one that appears for a few moments on a working system once someone has entered a logon password. In this case, however, it jumps to this screen from the WinXP splash screen and just stays there.

I should add that this is what happens when the original drive is disconnected. If I leave it connected, WinXP boots from the new drive (G:) and continues to reference D: on the old drive. Therefore, this problem seems to be related to the way drive letters are assigned.

This always used to work before, so I'm puzzled as to why I'm having trouble now.

Any ideas would be appreciated. I'm thinking I should backup to an external USB drive and restore C/D to the new hard drive using Ghost from CD, but I'd like to understand why that might be required.