

Moved to new drive, Grub crashing.

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- *From:* "Noozer" <[dont.spam@xxxxxxx](mailto:dont.spam@xxxxxxx)>
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Drive #1 is a 320gig drive partitioned as follows:

- Primary; Windows XP 70gig; sda1
- Extended; grub installed here sda2
- Logical; swap 2gig sda5
- Logical; /, boot, etc. installed here 50gig sda6
- Logical; /home 150gig sda7
- Primary; Fat32 data drive (empty) remainder sda3

Drive #2 is a 120gig drive partitioned as follows:

- Primary; Windows XP 58gig hda1
- Extended; grub installed here hda2
- Logical; swap 1.5gig hda5
- Logical; /, boot, etc. installed here 20gig hda6
- Logical; /home 32gig hda7

Drive 1 is a SATA drive with Windows XP and 64bit OpenSUSE 10.2 on it. This was the only drive in my PC when the OS's were installed.

Drive 2 is a PATA drive with Windows XP and 32bit OpenSUSE 10.2 on it. Again, this was the only drive in my PC when the OS's were installed.

I need to move my OpenSUSE 10.2 installation from drive 1 to drive 2. What I've done is:

- delete all files on hda6 and hda7
- moved all files from sda6 to hda6 and from sda7 to hda7

....at this point, when I try to start SUSE, the PC displays "GRUB" and stops.

I am using the NT boot loader to start Suse and have a copy of the first 512bytes of /sda2 stored on the XP drive as bootsec.lnx. The menu is configured to use this file. This has worked fine in the past.

I'm assuming that since I have GRUB installed on hda2, and didn't replace /hda2 with /sda2 that it won't work. I was hesitant to copy sda2 to hda2 because of any drive geometry that might be stored with grub. I've already replaced /boot, so I don't have any of the files from the old /boot directory on drive 2.

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What do I need to do to get this system booting normally again? Should I replace the content of /hda2 with that of /sda2? What will I need to do to tell OpenSUSE about the new partition positions and sizes?

Thanks!

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