

## Re: Windows won't boot if any partition extends past 120 GB on 250 GB drive

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*Source:*

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2008-03/msg03481.html>

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- *From:* "Anna" <[myname@xxxxxxxxxx](mailto:myname@xxxxxxxxxx)>
  - *Date:* Sun, 16 Mar 2008 09:34:33 -0400
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"Will Pittenger" <[no-spam@xxxxxxxxxx](mailto:no-spam@xxxxxxxxxx)> wrote in message  
[news:%23ta\\$3hxiHA.200@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23ta$3hxiHA.200@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

I already knew 48-LBA was supported thanks to another program I downloaded. However, I did download yours. It was nicer. It does say that 48-bit LBA is supported.

I should note that the drive in question has been chirping. When my previous drive did that, someone at <http://hddguru.com> said to return the drive. I did that. So far, I have only noticed it with this drive (the replacement) once with Windows failing to wake up from hibernation once (cause unknown as I was asleep).

However, neither of the programs that I have run to check things like that have had a problem. Please note that your program sees this drive as only 137 GB. It knows about 48-bit LBA drives but can't properly recognize one?

JS wrote:

Verify if HD Tune indicates your drive supports 48Bit LBA.  
HD Tune, provides drive info and has an option to test your drive.  
<http://www.hdtune.com/>

—  
will 68 at mtco dot com  
will dot pittenger1 at gmail dot com (use this address for large signatures)

Will:

It seems reasonably clear (I least I *\*think\** it's "reasonably clear"! ) that when you installed your large-capacity HDD your XP OS did *\*not\** contain SP1 and/or SP2. Would I be correct about that?

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Should that be the case the OS will \*not\* detect disk-capacity > 137 GB (roughly 128 GB binary). Should you subsequently install SP1 and/or SP2 the full capacity of the disk will be recognized however the remaining disk space > the 137 GB (128 GB) will be considered "unallocated space", i.e., disk