

# Re: replacing head assy in a hard drive

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.repair/2005-12/msg00219.html>

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- *From:* JazzMan <No\_Spam@xxxxxxxxxxxx>
  - *Date:* Sun, 04 Dec 2005 01:19:22 -0600
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Ryan Underwood wrote:

>  
 > Hello.  
 >  
 > I have a click-of-death 4-platter Maxtor drive. It failed clicky while  
 > running. So I believe that this is not a firmware issue or an issue with the  
 > hidden data on the drive, nor simply due to bad sectors. By process of  
 > elimination, it seems to be either the electronics, the heads or the head  
 > amplifier. I obtained an identical drive and swapped the board, which did not  
 > change things. So now I am thinking about trying to replace the head assembly.  
 > I have attempted this before, on a Toshiba 2.5" drive with 5 platters, and met  
 > with no success.  
 >  
 > I recall two problems I had at the time. One was that when removing the voice  
 > coil magnet, it seemed to be awfully close to the platters for comfort. Is  
 > there any risk to the platters if this magnet is removed, as long as it stays  
 > as far away from them as it did when mounted to the coil?  
 >  
 > The other problem was that when I slid the heads off the platters, they slapped  
 > together. I believe this may have instantly destroyed them, but I'm not  
 > certain. It seems like I need some kind of "comb" type thing to keep the heads  
 > separated while off the platters. Anyone have any bright ideas?  
 >

Before we can proceed further, we need to know what class clean room you are working in.

JazzMan

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 \*\*\*\*\*  
 Please reply to jsavage"at"airmail.net.  
 Curse those darned bulk e-mailers!  
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 "Rats and roaches live by competition under the laws of  
 supply and demand. It is the privilege of human beings to  
 live under the laws of justice and mercy." – Wendell Berry  
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- **Follow-Ups:**

- ◆ **Re: replacing head assy in a hard drive**

- ◇ From: Sam Goldwasser

- **References:**

- ◆ **replacing head assy in a hard drive**

- ◇ From: Ryan Underwood

- Prev by Date: **replacing head assy in a hard drive**

- Next by Date: **WANTED: Pioneer LD-V4300D Service Manual**

- Previous by thread: **replacing head assy in a hard drive**

- Next by thread: **Re: replacing head assy in a hard drive**

- Index(es):

- ◆ **Date**

- ◆ **Thread**