

Re: hard drive repair

Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2005-08/msg01222.html>

- *From:* bz <bz+sp@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 18 Aug 2005 20:01:33 +0000 (UTC)
-

"James Sweet" <jamessweet@xxxxxxxxxxx> wrote in
[yGSM.18888\\$Rp5.2710@trnddc03](mailto:yGSM.18888$Rp5.2710@trnddc03):>news:yGSM.18888\$Rp5.2710@trnddc03:

>
> "Eric" <ewong1@xxxxxxxxxxxx> wrote in message
> [news:de066i\\$nud\\$1@xxxxxxxxxxxxxxxxxxxxxx](mailto:news:de066inud1@xxxxxxxxxxxxxxxxxxxxxx)
>> If the hard drive works at cold temperature, it looks like the circuit
> board
>> has cold solder joints. I will try to re-solder all solder joints on
>> the circuit before put it into fridge.
>>
>
>
> That's not what the freezer does, getting the drive cold affects the
> properties of the IC's themselves as well as it can change the physical
> alignment of the mechanical portion of the drive slightly. I've had some
> luck with the freezer trick but I've never found cold solder joints on a
> drive.
>
>
>

It also causes differential shrinkage of bearings, etc., and could unbind something that was stuck.

—
bz

please pardon my infinite ignorance, the set-of-things-I-do-not-know is an infinite set.

bz+sp@xxxxxxxxxxxxxxxxxxxxxx remove ch100-5 to avoid spam trap

.

- *References:*

Re: hard drive repair

- ◆ **hard drive repair**
 - ◇ *From:* Ben Galvin
- ◆ **Re: hard drive repair**
 - ◇ *From:* JM
- ◆ **Re: hard drive repair**
 - ◇ *From:* bz
- ◆ **Re: hard drive repair**
 - ◇ *From:* James Sweet
- ◆ **Re: hard drive repair**
 - ◇ *From:* Eric
- ◆ **Re: hard drive repair**
 - ◇ *From:* James Sweet

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