

# Tek TDS 540 problem

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.repair/2008-04/msg01421.html>

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  - *Date:* Fri, 25 Apr 2008 16:52:46 -0700 (PDT)
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Hi

I just got a used Tektronix TDS 540 o'scope. I was advised that these had a huge problem with leaky caps. Before I had it, it was explained to me that the panel lights lit up, but the screen didn't show anything. In asking the owner of a repair shop what he'd recommend I do when I got it, he said to make sure the memory protect switch wasn't in the unprotect position.

So, today I got the scope. Sure enough, there were panel lights on power-on, but no screen. I tried to find the switch through the holes on the side of the case, but couldn't seem to get it. I opened the case, found it, and flipped it. I then powered up the unit, thinking I had put it in the "protect" mode. As it turns out, I didn't. It had been in the protect mode when it arrived.

When I power it up now, the front panel lights come on and the fan starts to whirl, but only for about half a second before they go dark and the cycle repeats, click-click-click...

Stupidly, I also remember pushing a little tiny button mounted on the top circuit card momentarily.

Any idea what happened? Did I erase some critical firmware that is required to boot or something? I flipped the switch back, but it wasn't any help.

Any recommendations?

Thanks

Josh  
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