

Re: Testing a HOT out of circuit.

Source:

<http://newsgroups.derkeiler.com/Archive/Rec/rec.games.video.arcade.collecting/2005-12/msg03765.html>

- *From:* "Baraka" <grus_jc@xxxxxxxx>
 - *Date:* 30 Dec 2005 10:25:59 -0800
-

Matt Mac Donagh wrote:

> Sounds like your measuring that HOT correctly. If your getting 0 pretty much
> however you look at it then the thing is bad. You could also put your meter
> on auto range resistance and check it that way. Between the two outside legs
> you might get a low reading (no where near 0) but that would just be the
> internal dampening diode. Readings to the center leg from either outside leg
> should be pretty high.

>

> And yes, bad caps could cause the monitor not to fire up. What your hearing
> is the power supply coming on then shutting down because of the overcurrent
> protection thats kicking in because of the bad HOT...

>

> "Baraka" <grus_jc@xxxxxxxx> wrote in message

> news:1135954466.923613.110210@xx

>>

>> I'm working on this Tatung Chassis which goes in a merit megatouch. I'm
>> not getting any heater glow in the tube, just a repeated analong
>> chirping sound. It appears that the hi voltage wants to come on but
>> doesn't. I checked the flyback and it doesn't appear to be cracked.
>> Went over all the caps to see if there is any noticeable leaking,
>> checked the solder joints too. I'm suspecting it's a blown HOT on the
>> chassis. Now I'm used to the TOC type of transistors that mount to the
>> side. This HOT mounts to the chassis but is black with 3 legs that
>> mounts to the board. There is no mica insulator as the transistor is
>> self insulating. I pulled this HOT out of circuit and tested it in
>> diode test and get 0 in every which way I test it. Am I doing this
>> correctly out of circuit? Do I test this much like a TIP102 transistor
>> or am I missing something? Secondly, could old bad caps cause a monitor
>> not to get hi voltage and no heater glow?

>>

>> Thanks in advance for the tech assist.

>> John

>>

Thanks Matty! I knew I wasn't going nuts with this thing. I'll recap the monitor and put in a new hot. Hopefull this sucker comes right up. Happy New Year to all!

Re: Testing a HOT out of circuit.

John

• **References:**

◆ **TECH: Testing a HOT out of circuit.**

◇ From: Baraka

◆ **Re: Testing a HOT out of circuit.**

◇ From: Matt Mac Donagh

• Prev by Date: **Re: WTB:Pacman Color PROM**

• Next by Date: **Re: Online classifieds for arcade games?**

• Previous by thread: **Re: Testing a HOT out of circuit.**

• Next by thread: **FF: 4600 yoke and 25" K7000 yoke & 25" monitor brackets**

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