

Re: Microwave oven

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- *From:* Sam Goldwasser <sam@xxxxxxxxxxxxxxxxxxxxx>
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"Retired" <everettlarsen@xxxxxxxxxxxxxxxxx> writes:

I have a GE microwave oven that just stopped heating. I have checked and found the problem to be in the high voltage section. I found the high voltage diode shorted and the high voltage capacitor going bad.

What do you mean by "going bad"?

I've replaced both of these, but it still does not heat. When I rechecked I again found the diode shorted within 1 minute of running.

Was it heating during that 1 minute?

The magnetron tube was replace 3 months ago and the transformer tests good. The magnetron tube show no short to case. Also no shorts in transformer, and correct ohms on each winding. Has anyone run into this, or have any ideas?
Retired

There's only 4 parts there – HV transformer, HV capacitor, HV diode, magnetron. It's unlikely that the HV transformer could go bad in a way that would not result in a blown fuse or lots of smoke.

The magnetron could be defective and show up only with HV applied.

What about the condition of the waveguide and the rest of the oven?

— sam | Sci.Electronics.Repair FAQ: <http://www.repairfaq.org/>
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