

Re: Whirlpool dryer heater failure

Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2008-02/msg00354.html>

- *From:* Smitty Two <prestwhich@xxxxxxxxxxxxxx>
 - *Date:* Thu, 07 Feb 2008 07:54:51 -0800
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In article

<d9b02224-cd2b-4e0a-b441-75cbad06fea6@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>, "Seán O'Leathlóbhair" <jwlawler@xxxxxxxxxx> wrote:

On Feb 7, 2:28 am, Smitty Two <prestwh...@xxxxxxxxxxxxxx> wrote:

In article

<a9e49673-7736-400a-9272-5ab40cbb2...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>, "Seán O'Leathlóbhair" <jwlaw...@xxxxxxxxxx> wrote:

Surely
there are not two simultaneous faults: the element dying and
something
wrong in the controller?

I'd be suspect of the test results. The slightest corrosion on a test
lead or the DUT can cause gross errors.

Thanks.

A possibility of course but touching the meter leads together reads a
fraction of an Ohm or zero if pressed firmly together. It also r
reads zero when I check the cut-outs. It is a fairly cheap (not dirt
cheap) digital multi-meter and I doubt that it is very accurate but I
don't expect that it will mistake 0 and infinity.

The terminals of the heater element seem nice and clean. So clean
that I did not think of cleaning them up but I will do that to be
sure.

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Sean Ó Leathlobhair

Mistaking zero and infinity is a common meter problem, due to corrosion

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as I suggested. If the meter probes are clean, what about the connections on the machine? You're looking at a heating circuit; heating tends to oxidize metals. Did you scrape them with an x-acto or similar? The only reason I'm being a pest about this is that I agree with you that it doesn't seem reasonable in this case that you have double trouble. I'd also run a cheater cord from the wall to the heater element as a verification test.

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