

Re: Whirlpool dryer heater failure

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- *From:* Baron <baron.nospam@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 07 Feb 2008 12:19:10 +0000
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Seán O'Leathlóbhair wrote:

On 7 Feb, 11:58, Baron <baron.nos...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

Baron wrote:

Seán O'Leathlóbhair wrote:

On Feb 7, 11:19 am, Baron
<baron.nos...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote:

Open circuit heating
elements are very common.
Disconnect any
wires at the ends of the
element and check its
continuity.
Should read about 20 Ohms.
If it does then the fault is
probably
elsewhere.

Thanks. That is the test that I have done and
the meter insists
that the resistance is infinity even on the
20MOhm setting. So,
this does seem to say that the element is
dead. The puzzle is
that the controller does not seem to be
supplying any voltage to
the element suggesting a second fault.

Re: Whirlpool dryer heater failure

Since you have confirmed the the heater is O/c, a simple test is to connect an ordinary light bulb in place of the heater. If you have another circuit fault it will be obvious because the bulb will fail to light.

That's an idea. But if it can light the bulb then the meter should have detected the voltage. However, it would probably be easier to run a longer test using a bulb than the meter.

Very often a meter can mislead you !

By the way where in the UK are you ?

Midlands, a bit south of Birmingham.

I'm 100/120 miles north of you near York. Daughter live in Brum though.

Anyway back to the plot. :-) I don't know that particular machine, but I agree with another poster that said there may be a safety circuit connected with the motor. I have never seen one though !

Commonly the motor will have three wires feeding it. One of them should be earth. That one will be connected to the case of the motor and indeed to the cabinet of the whole machine and in turn to the big pin on the mains plug.

So lets check where the power is going. Use your meter on the continuity setting and connect the black meter lead to the right hand pin on the mains plug. Trace the neutral/blue wire into the terminal box where it enters the machine. You should get continuity to that point.

Tell me what you find.

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Regards:

Baron.

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