

Re: Coleman Pro-Gen 5000

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2008-06/msg04140.html>

- *From:* "amdx" <amdx@xxxxxxxxxxx>
 - *Date:* Mon, 23 Jun 2008 16:25:51 -0500
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"mpm" <mpmillard@xxxxxxx> wrote in message
news:ee97c661-84f1-4d86-a71f-851548c34f79@xx
On Jun 23, 1:06?pm, "amdx" <a...@xxxxxxxxxxx> wrote:

?I started the Coleman Generator problem thread about two weeks ago.
It quit producing power after about 1 hr 15 min.
After disassembly I found an overheated exciter coil, a defective capacitor
and a burned open foil on the pcb.
? I removed the bad 19 turn coil and wound a new one in the stator. I got
a quart of motor varnish at a motor repair shop and revarnished the coil.
I baked the stator in my wifes oven! I varnished and baked the unit twice
just for safety.
(I did note that one of the fiber insulators was not properly placed in
the
stator, I think this is where the coil rubbed the stator and shorted,
causing the failure) I replaced the bad capacitor and repaired the open
foil.
? This morning I reassembled the unit and fired it up. It works!
I applied a 3300 watt load and it's been running almost 4 hrs at 119.2
volts.
??? Mike
PS. Anybody want to buy a generator? ;-)

Put mine with it, and we can sell 'em as a matched pair.

(Mine has ongoing carburetor problems.)
Which I guess actually isn't all that unexpected given the total lack
of use this baby gets.

Ya, I didn't open the box for three years. And then when I needed it
most....