

Re: Capacitor Value Question

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- *From:* "DaveM" <masondg4499@xxxxxxxxxxxxxx>
 - *Date:* Wed, 23 Jul 2008 22:23:30 -0400
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"Chris F." <zappyman@xxxxxxxxxxxxxx> wrote in message
[news:4887ba07\\$0\\$4064\\$9a566e8b@xxxxxxxxxxxxxxxxxxxxxx](news:4887ba07$0$4064$9a566e8b@xxxxxxxxxxxxxxxxxxxxxx)

Any idea as to the value of this cap? The markings on it are:

53D603

A1328-1/K14

0043H550

It's about 2" wide and 1" thick, and comes from a Co-Op brand electric fence power supply. It tests dead-short.

It's a 60,000 uF electrolytic, but it's so old that I can't decipher all of the numbers to get the voltage rating. It's likely to be a special unit, so the numbers are only meaningful to the OEM.

Unless someone else has an old Sprague catalog to determine the voltage rating, you'll have to use a little common sense. Remove the bad capacitor and temporarily wire in a high voltage capacitor of a few hundred uF and measure the voltage developed across it. Add a safety factor of about 20-30% of that voltage.

You probably won't find that exact capacitance in a new capacitor, so use something close... like 62,000 uF, which is more likely to be a standard value.

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Dave M

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Experience: What you get when you don't get what you want

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