

Re: Need circuit to magnetize a magnet

Source: <http://sci.tech--archive.net/Archive/sci.electronics.basics/2005-09/msg00238.html>

- *From:* "john jardine" <john@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 6 Sep 2005 23:27:31 +0100
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"David Bezinque" <dabezinque@xxxxxxxx> wrote in message news:5lmp1dq9s3dfe6gudueh0vjgc15pg1eg@xxxxxxxx

> I am a high school Physics teacher and I need a circuit to magnetize a
> magnet. Several years ago, I saw one in a book published by TAB.
> Unfortunately, I have forgotten the title. I do recall that the
> circuit had about a dozen LARGE capacitors and an SCR.
>
> I already did a search using Google, Yahoo, etc. I found a few
> circuits but nothing that gives part numbers or the kind of detail a
> newbie needs.
>
> TIA
> David Bezinque
>

In UK, a very good but politically incorrect method is to rectify the 240V mains with a 6 amp bridge rectifier and feed the DC to a dozen heavy turns wrapped round the magnet to be.

Switch on and of course the local fuse blows but in the few mS it takes for this to happen, a frighteningly high magnetic field has been developed which can magnetise just about anything within its grasp.

(switch off any nearby PC's beforehand and act dumb when the neighbours start knocking on your door :-)

regards
john

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- *Follow-Ups:*
 - ◆ [*Re: Need circuit to magnetize a magnet*](#)
◇ *From:* Fred Bartoli
 - *References:*
 - ◆ [*Need circuit to magnetize a magnet*](#)
◇ *From:* David Bezinque

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