

Using CDI Module when coil output is negative

I have a question about the circuit of the Replacement CDI Module for Small Petrol Motors (www.siliconchip.com.au/Article/1820) from the May 2008 issue, which I saw on your website.

You say that this CDI won't work if the polarity of the generator coil

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is negative before triggering. Could I solve this problem if I use a bridge rectifier after the generator coil? (A. B., Switzerland)

● A bridge rectifier will not work as the coil is not isolated and one side of the generator coil connects to the chassis.

To reverse coil polarity, the end of the coil connecting to chassis would need to be disconnected and used as the output. Then other end of the coil should be connected to the chassis instead.