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Subject: embedding magnets

Posted by [kcpenner](#) on Fri, 04 Jan 2013 17:48:30 GMT

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I want to print a working prototype of an item that will eventually be mass-produced, made of molded plastic.

My main question: is it possible for the printing process to be stopped part of the way through for magnets to be placed in a trench in the model, then the printing would continue until the magnets are completely covered? Or should I just model 2 parts that can be glued together later with the magnet inside?

I have not modeled the item yet ...

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Subject: Re: embedding magnets

Posted by [Youknowwho4eva](#) on Fri, 04 Jan 2013 18:29:08 GMT

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It's possible on your own printer. Not through shapeways. I watched a video of printing a battery with a makerbot (I think) where they stopped it a few times to add components. This could be very hazardous to your print head!

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Subject: Re: embedding magnets

Posted by [mkroeker](#) on Fri, 04 Jan 2013 18:36:12 GMT

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Have a look at the video linked from the "How it works" in the footer of the shapeways web pages. The processes used are completely different from what reprop-style homebuilt machines do, also as many models as possible are printed in the same run. Either create separate parts that you can glue together around the magnets, or perhaps design slots where you can insert them.

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