An iPhone Holder with Magnetic Charging for My Car, Version 1.0

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The only thing I do with my iPhone while driving is record my spoken words. It helps me sort out my thoughts. I start recording before driving and do not end until the car has stopped. I prefer to rest the phone on my right leg, plus I like to keep it charged. The assembly mustn't slide around.

My solution was to 3D print a holder that bolts onto a beanbag. A recess in the holder is a close fit to a magnetic charger disk.

My iPhone, in its Otterbox case, is a loose fit in the holder. Cutouts on all sides make it easy to lift the phone out.

This odd picture is because I take all my photos with my phone. I could only show the phone in the holder by using a mirror.

I printed the holder out of PLA in draft mode with 30% fill. If it distorts due to the Arizona heat, I will reprint it with PETG.

The mounting holes with counterbored recesses accept 6-32 pan head screws. Inside the beanbag is an aluminum bar drilled and tapped to accept these screws.

Click **here** for the Thingiverse page that contains the .stl file.

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