



Jeep TJ wrangler wireless phone charger mount



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Summary

Cradle/mount to put in a wireless charger into a Jeep TJ wrangler.

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Tags: [wirelesscharger](#) [phone](#) [jeep](#) [jeeptj](#) [jeepwrangler](#)
[pixel7a](#)

This is a cradle/mount to put in a wireless charger into a Jeep TJ wrangler. The wireless charger it is designed for is an Anker 313 Magnetic Wireless Charger. This means you can buy the little metal rings to go on your phone to make it compatible with the iphone mag stuff and your phone will better hold in place in the cradle. Here is the specific wireless charger it is made for (it slides in with a friction fit and no glue is really needed):

<https://www.amazon.com/Anker-Magnetic-Wireless-Charger-PowerWave/dp/B099WRPVJK>

The design is in two pieces so the top portion could be swapped out for a different phone. The one in this project is for a Pixel 7A. We added these magsafe rings to the pixel7a to have it magnetically lock in place:

<https://www.amazon.com/gp/product/B09VDMVKPF>

The phone cradle attaches to the TJ mount using two M3 screws and the phone cradle has room for two threaded inserts to be heat set into the plastic with a soldering iron. If you don't have some threaded inserts for 3d printing, something like this should work:

<https://www.amazon.com/dp/B09Z1VXD9X>

The base is meant to conform to the plastic outline around the TJ shifter. We added some double-sided tape to help it stick and not vibrate.

Also, we just plugged it into a USB power port in the cigarette lighter, but you could hard-wire in a 12V to USB adapter behind the dash and then plug into that if you didn't want to see any wires at all.

If you live in a climate where it gets even remotely warm, I would suggest printing in PETG to avoid the warping that PLA might have. Or something else with a better temperature/yield curve.

Model files



cradle_console_adapter5.stl



phone_cradle5_pixel7a.stl

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