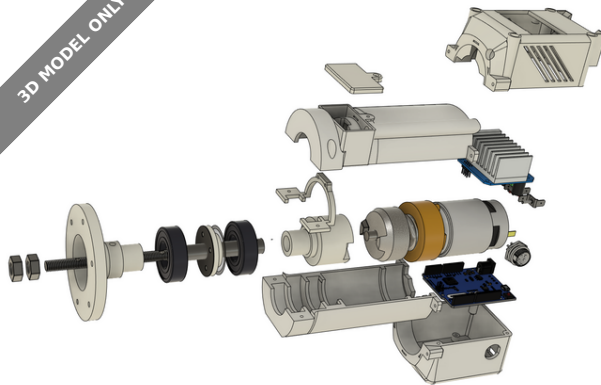


3D MODEL ONLY



Force feedback steering wheel using a cordless drill



jasonwinfieldnz

VIEW IN BROWSER

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Summary

This is an alpha version of a force feedback steering wheel using parts from a cordless drill and inkjet printer.

[Gadgets](#) > [Video Games](#)

Using a cordless impact driver (assume a Whitelabel no-name brand) and a Canon printer (MB2160) I designed this force feedback steering wheel. You will need the following

1. Impact driver I have attached an STL for you to compare measurements.
2. MB2160 print although you could probably use any inkjet printer
3. 2 x ballbearing 20x42x8
4. Arduino Leonardo (UNO will not work)
5. BTS7960 H-Bridge
6. A power source (I used a drill battery)
7. 8mm threaded rod and 2 x nuts
8. 2 x 4mm roll pins
9. A steering wheel with the standard stud pattern
10. Firmware found here: <https://github.com/ranenbg/Arduino-FFB-wheel>
11. (opt) 5 pin connector (see video)

See below for the progress so far.

As the project progresses I will be adding extra parts like paddle shifters and pedals.

Model files



frontlower.stl



bossmount.stl



coupling.stl



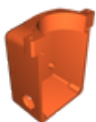
frontupper.stl



sensorcover.stl



sensormount.stl



lowerrear.stl



reartop.stl



driveunit.stl

☐ This is just for checking measurements

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