



Fanatec GT3 v2 magnetic shifter mod

 **Pepitooo**

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Summary

Magnetic shifter for Fanatec McLaren GT3 v2 wheel, Please read the full description before printing

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Tags: [magnet](#) [fanatec](#) [mclaren](#) [gt3](#)

Fanatec McLaren GT3 v2 is maybe one of the best wheel you can buy for this price. But it come not full refined, at least for me. So I spend time to design a magnetic shifter which fit with the part I have in hand.

This 3d printed version is maybe not as nice or stiff as the one from Simmakerz (carbon) but do the job for a fraction of the price.

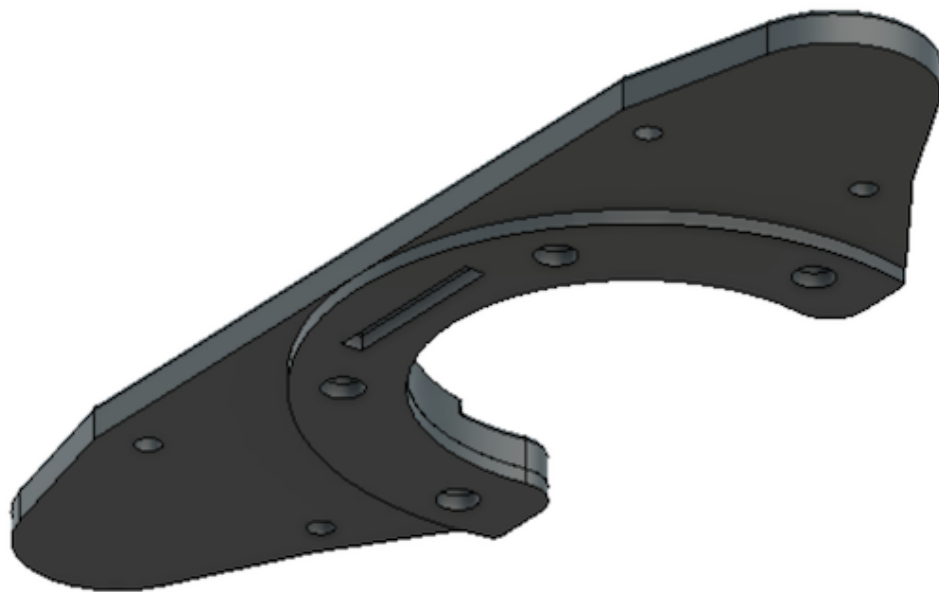
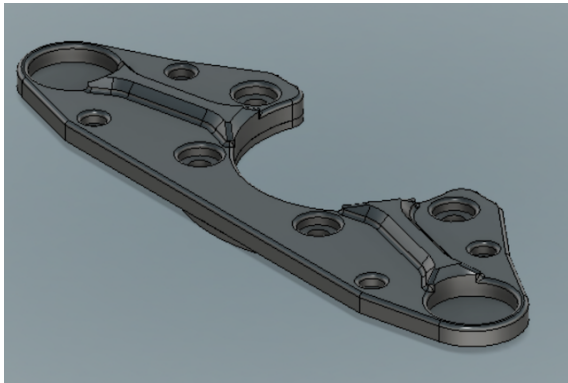
I use Prusament PLA Prusa Galaxy Black it match so well with this wheel, look at the pictures.

Sliced Info

Used Filament (g)	55.94
Used Filament (m)	18.75
Used Filament (mm ³)	45110.06
Cost	1.40
Estimated printing time:	
- normal mode	3h59m

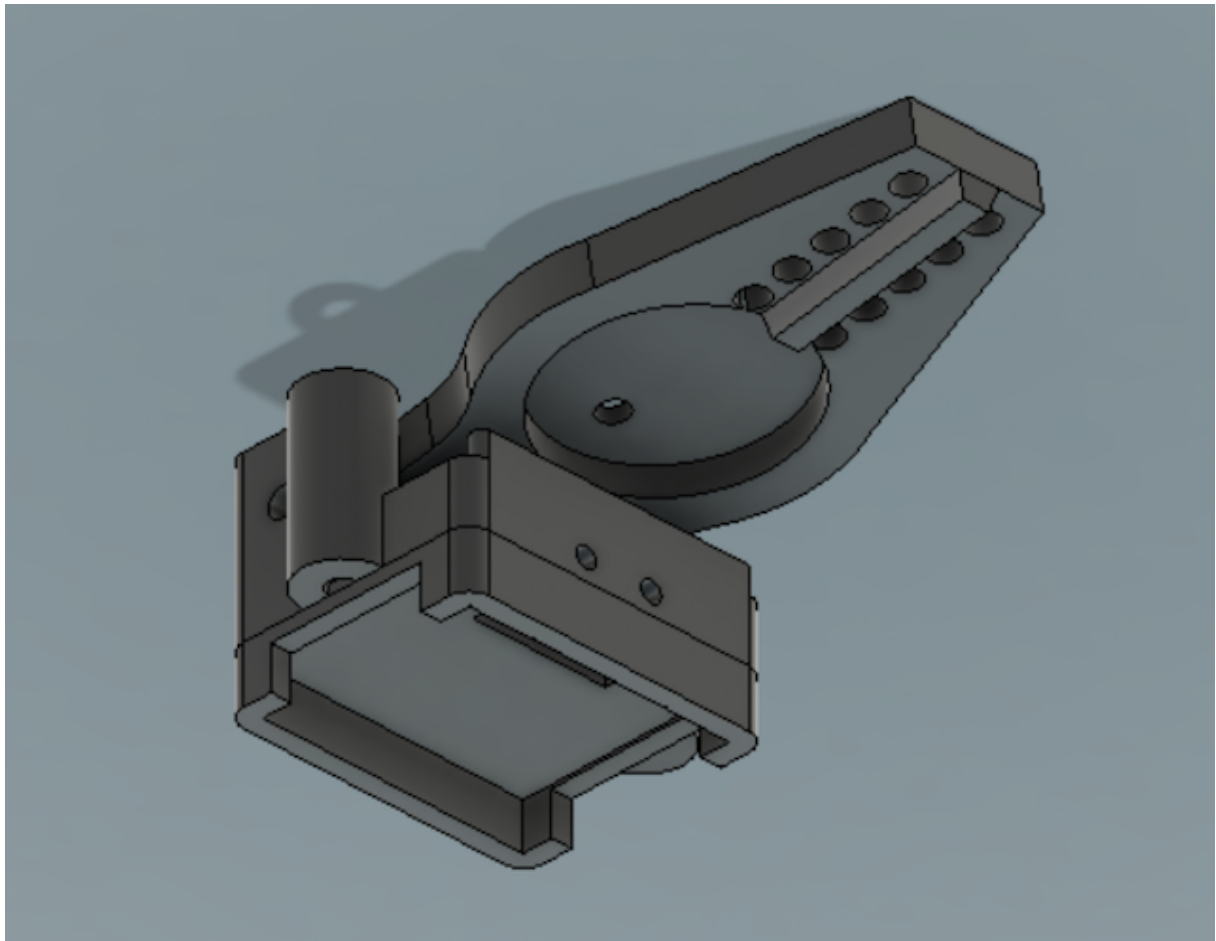
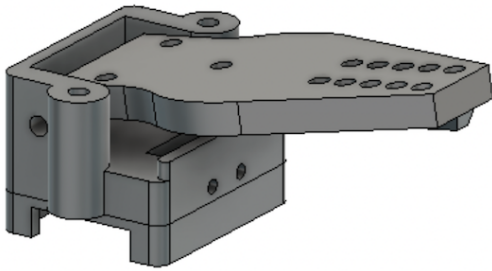
It's design it around :

- 3d printer or cnc endstop switch (see pictures below)
- some round flat magnet 20x3mm
- paddle coming with the Fanatec Clubsport magnetic paddle module



You will need for this mod :

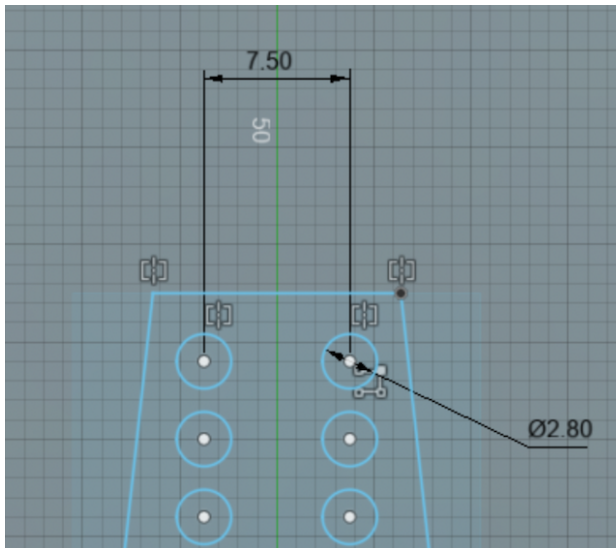
- 1x 3d print Fanatec_GT3_magnetic_shifter_magnet_plate
- 1x 3d print Fanatec_GT3_magnetic_shifter_quick_release_spacer
- 4 M3x10 or longer (to fix the magnetic shifter)
- 2x magnetic shifter describe below

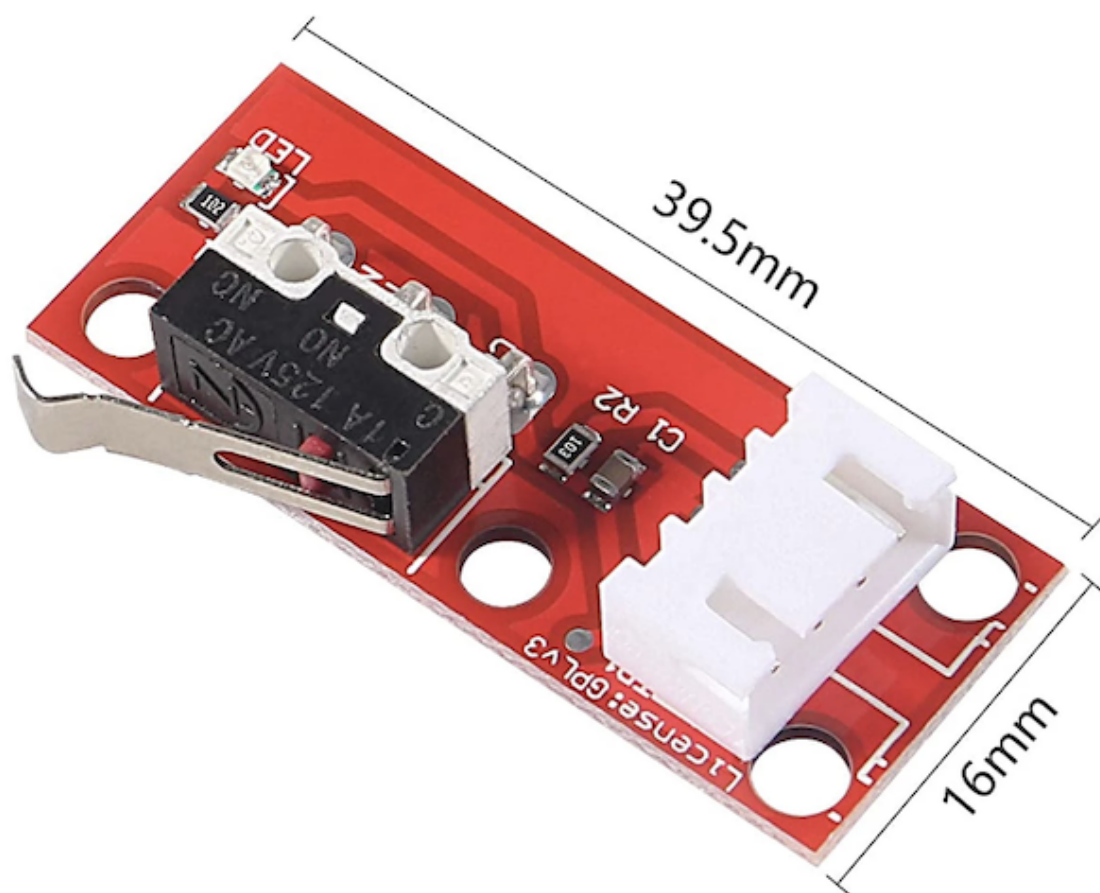


Each magnetic shifter is composed by :

- 1x switch (ms-1a-14.5-c), use C and NO pins only
- 2x M2x7 or superglue to lock the switch
- 2x 7cm thin wire + 2 pins connector (JST XH 2.54mm)

- 2x round flat magnet (design for 20mm, but should be OK with smaller)
- 1x 3d print Fanatec_GT3_magnetic_shifter_switch_holder
- 1x 3d print Fanatec_GT3_magnetic_shifter_bottom_spacer (superglued to switch holder)
- 1x 3d print Fanatec_GT3_magnetic_shifter_lever
- 1x M3x40 or 2xM3x10 to secure the lever
- 1x paddle by design by your own (spacing 7.5mm)





For all prints it's not needed to have support, and please make sure to check the orientation, that the print lay flat on the print bed when printing (specially the lever). Of course it would have been possible to design it in one part, but it would have need support. I don't like support.

I created this model in a matter of 3 days, including design, prototype and 12 prints (around 200 gr of filaments) to have this version.

If you print it and like it, please leave me a comment, it will make me happy.

Model files



fanatec_gt3_magnetic_shifter_magnet_plate.stl

☐ When use with original QR



fanatec_gt3_magnetic_shifter_magnet_plate_cs_qr.stl

☐ When use with ClubSport QR



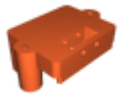
fanatec_gt3_magnetic_shifter_quick_release_spacer.stl

☐ When use with original QR



fanatec_gt3_magnetic_shifter_quick_release_spacer_cs_qr.stl

☐ When use with ClubSport QR



fanatec_gt3_magnetic_shifter_switch_holder.stl

☐ Print it 2 times



fanatec_gt3_magnetic_shifter_bottom_spacer.stl

☐ Print it 2 times



fanatec_gt3_magnetic_shifter_lever.stl

☐ Print it 2 times



fanatec_gt3_magnetic_shifter_lever_direct_to_switch.stl

☐ Print it 2 times, direct action to the switch, no need to keep switch metal lever

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