HTEK GT3 Steering Wheel
Assembly guide

HTEK Simulator Engineering
2020

Parts list:

M3x30 spacer (4pcs)

M3x10 screw (16 pcs)

GX12 connector

M3x20 screw (8pcs)

Rotary encoder (3pcs)

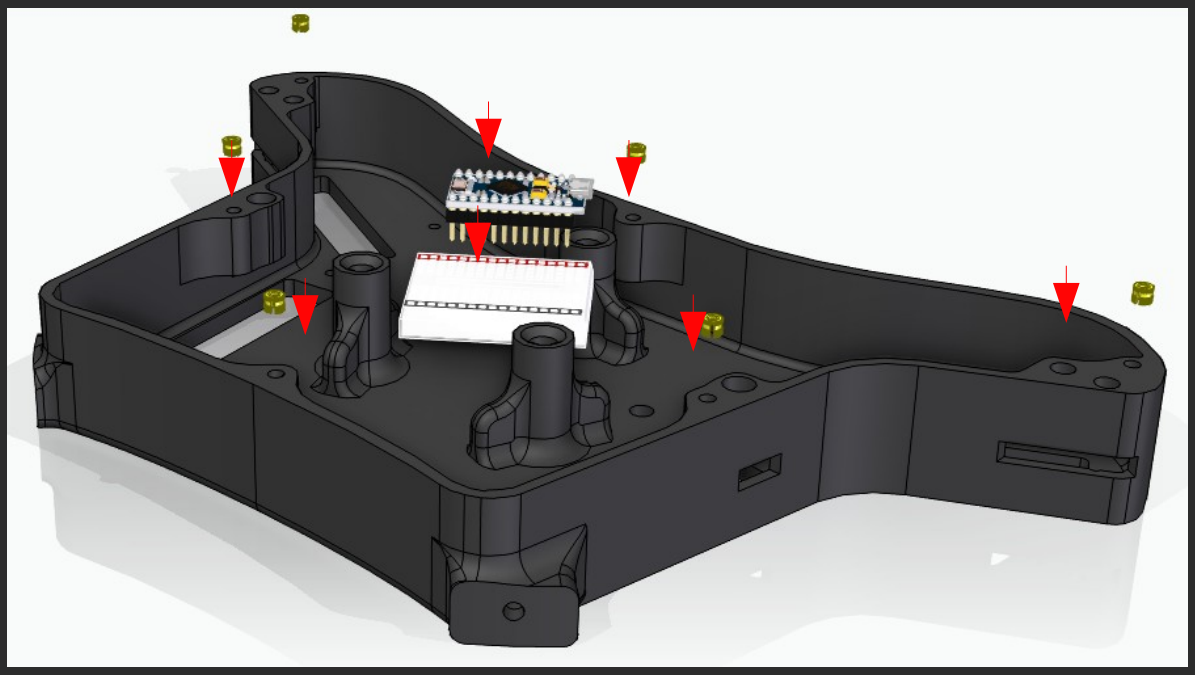
M3 Heat insert (12pcs)

Arduino Pro Micro

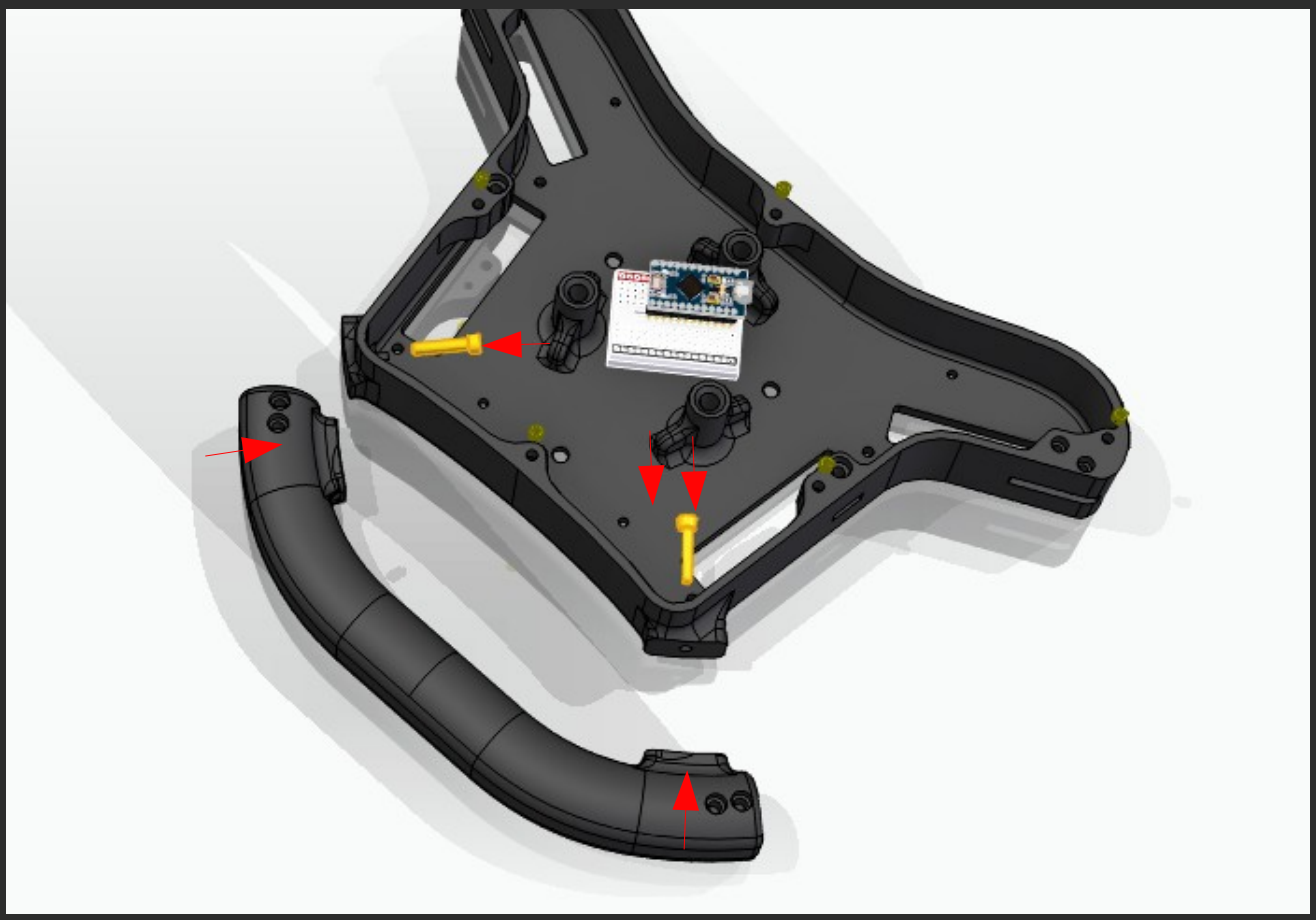
170 Breadboard

Tactile push button with caps (12pcs)

M4x20 screw (8pcs)

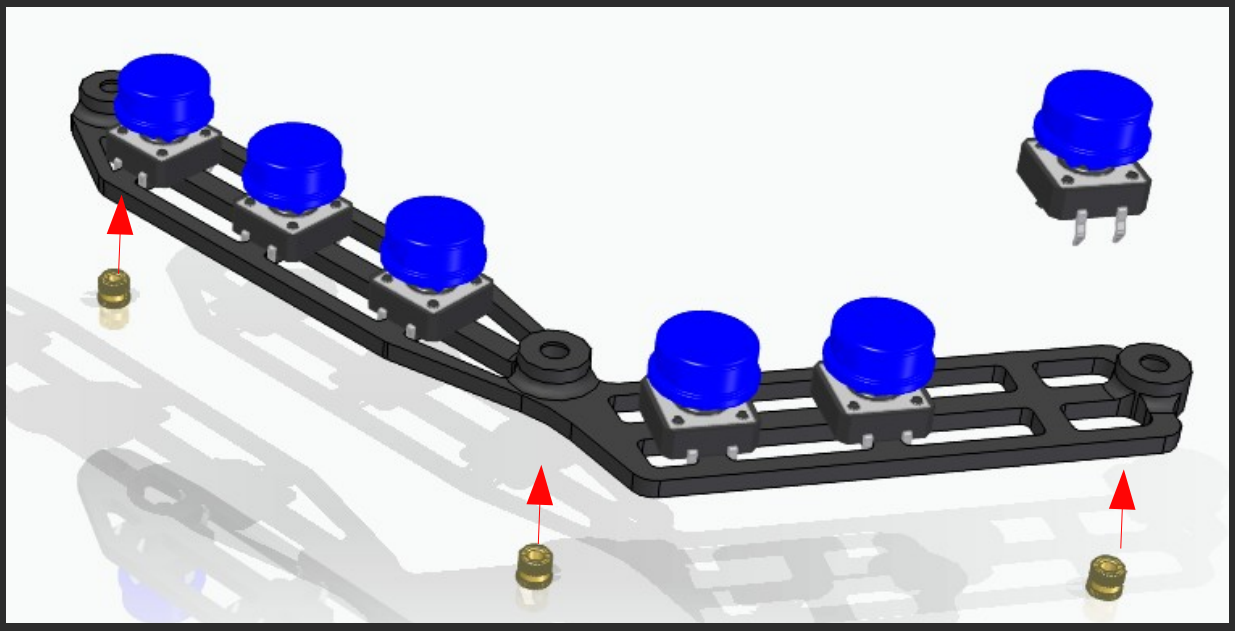


1.STEP- Install the M3 heat inserts and the 170 breadboard with the Arduino Pro Micro as shown in the picture.



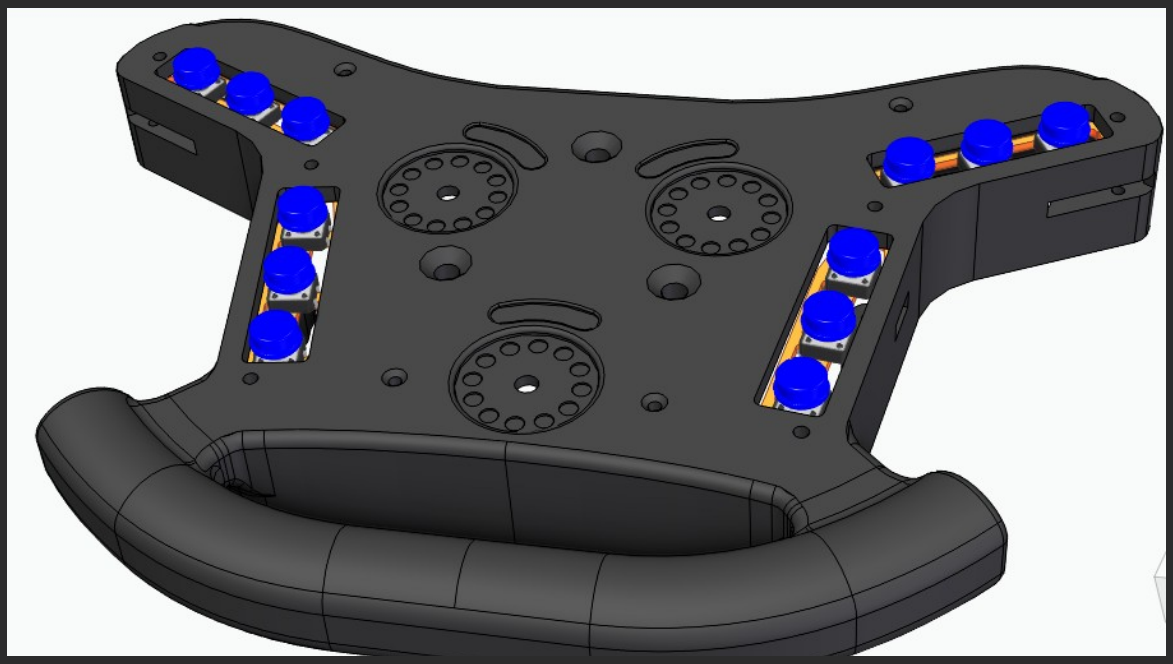
2.STEP- Install the bottom grip with the two M4x20 bolts as shown in the picture.

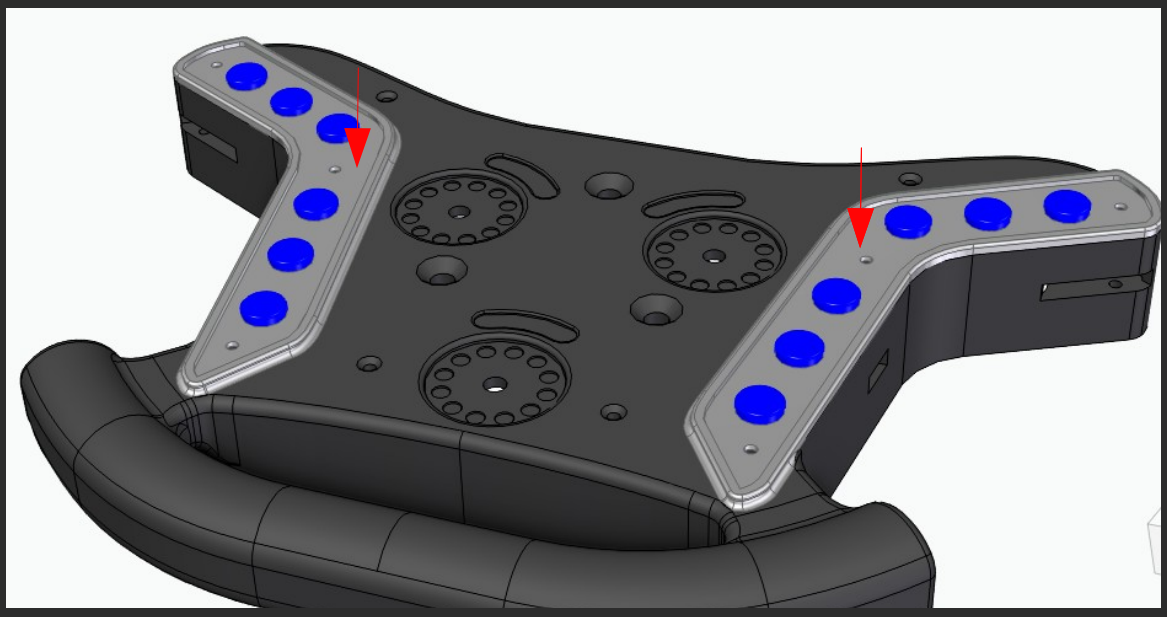
3.STEP- Place the button holders inside the base part, and proceed to the next step.



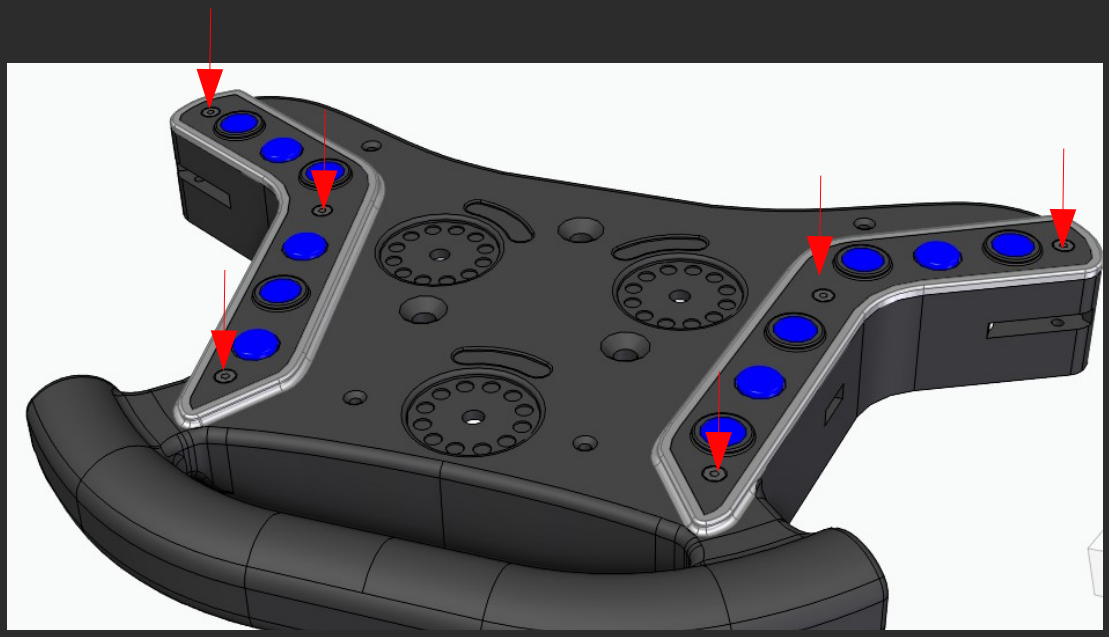
4.STEP- Install the buttons for the holder, and add some glue to the bottom part of the buttons to secure them correctly. After that, fit the M3 heat inserts for their nest.

After the buttons have been installed, the assembly should look like as shown in the picture below.

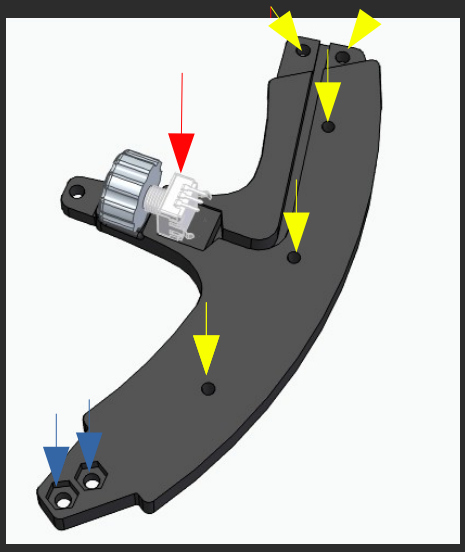


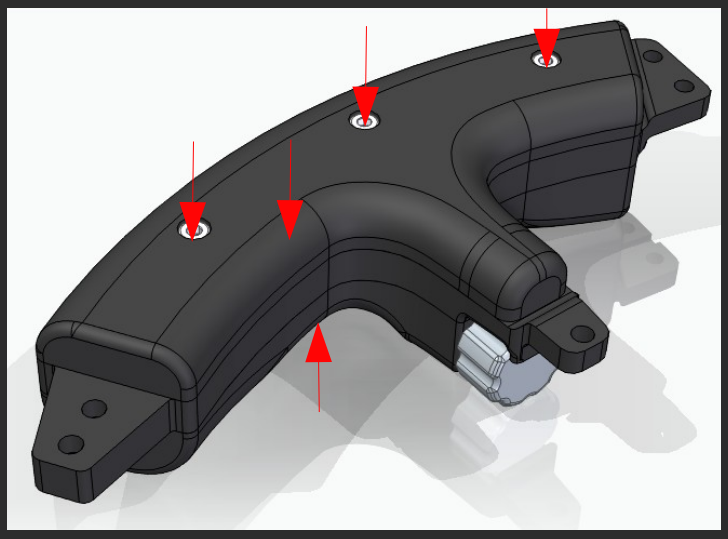


5.STEP- Install the button plate for the base part.

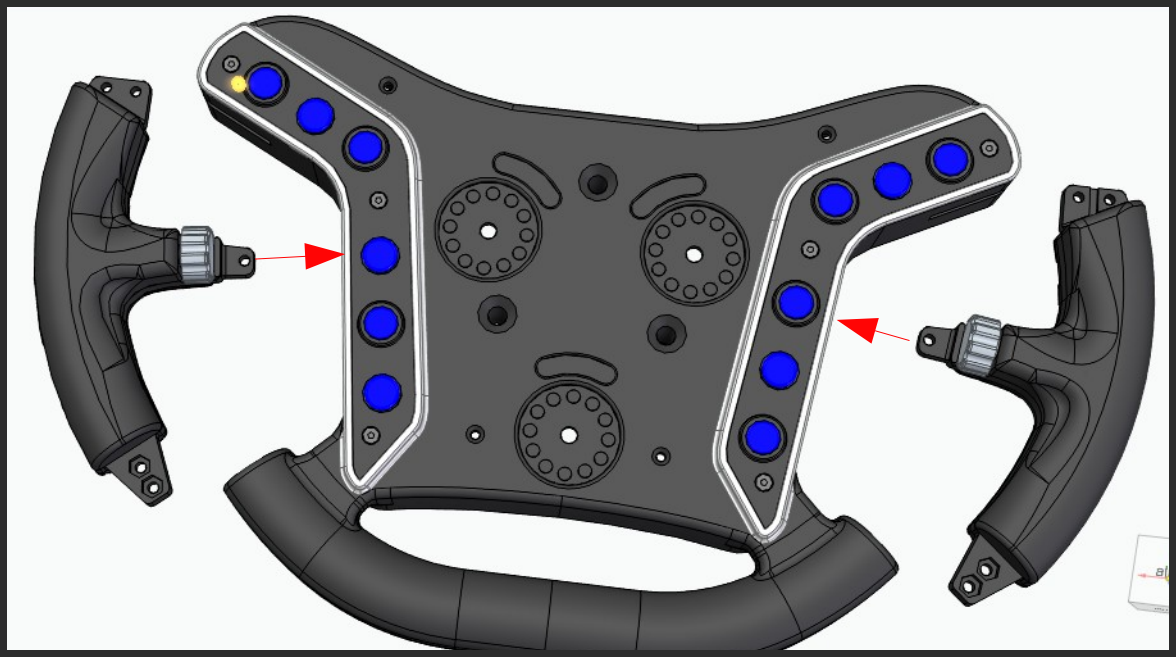


6.STEP-Install the button cover, and secure the whole button assembly with M3x10 bolts (3 on each side). Make sure to fit each part together correctly, before securing the whole button plate to the base part.

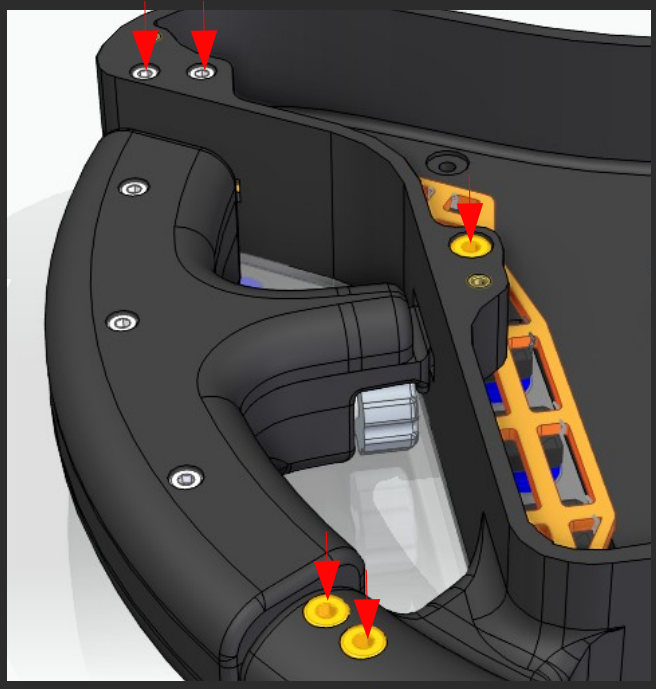




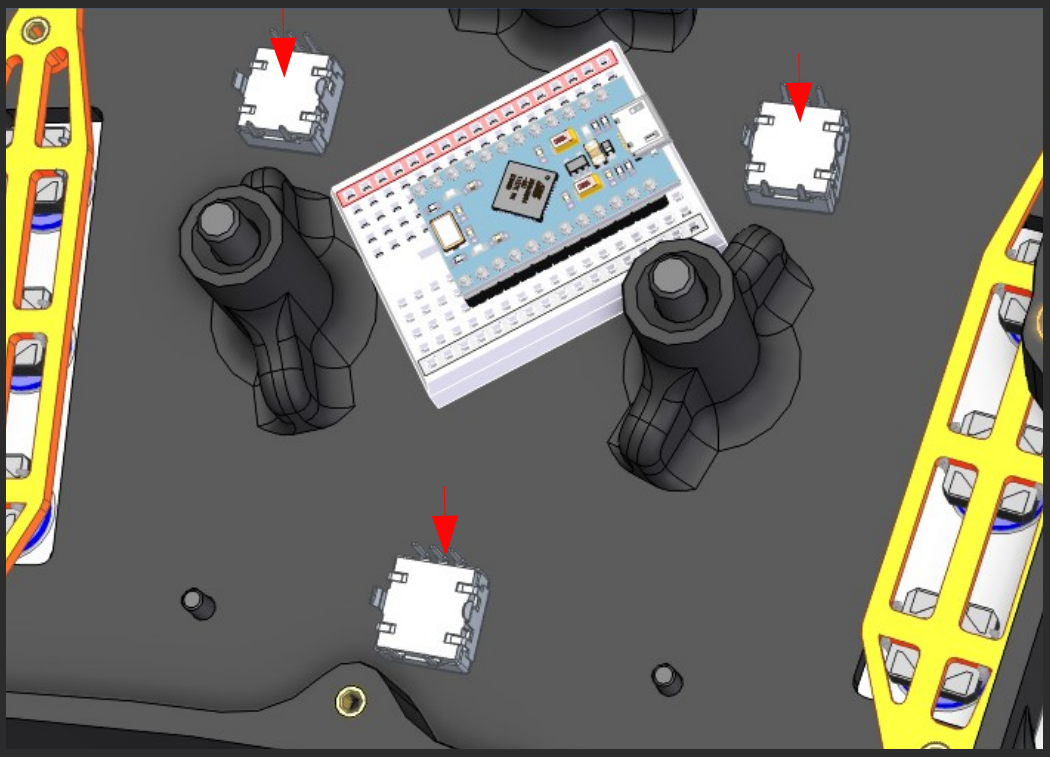
7-8.STEP-Install the rotary encoder, M3 heat inserts, M4 nuts, (and wiring too in the tunnel) for the bridge part, and secure the front and rear grip with M3x20 screw. (3 on each side)



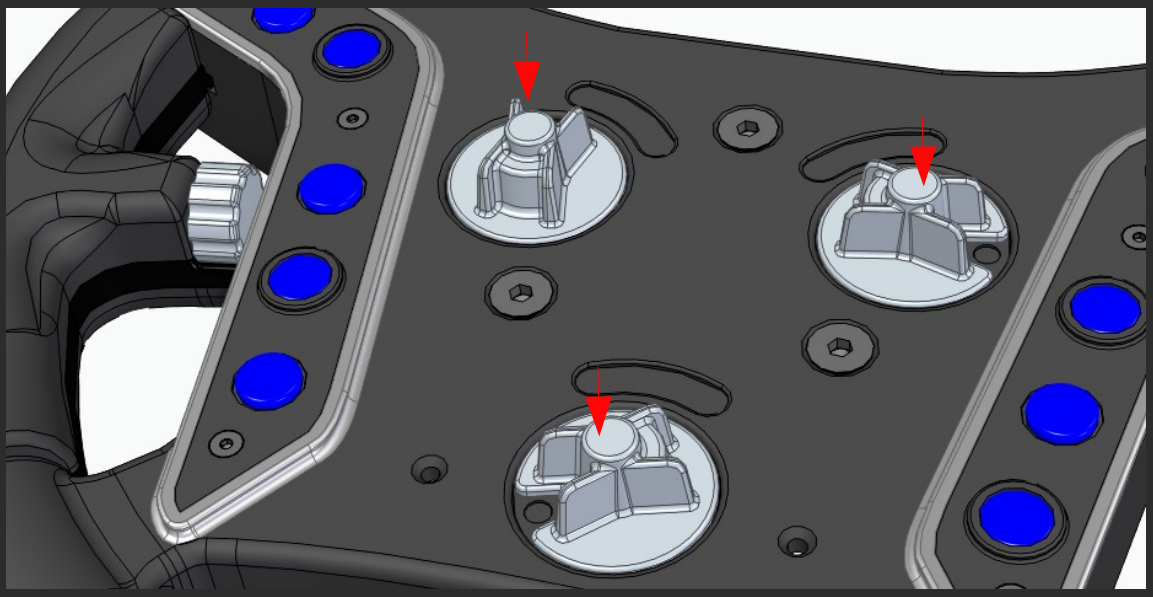
9.STEP- Fit the two previously assembled grip parts to the base part.



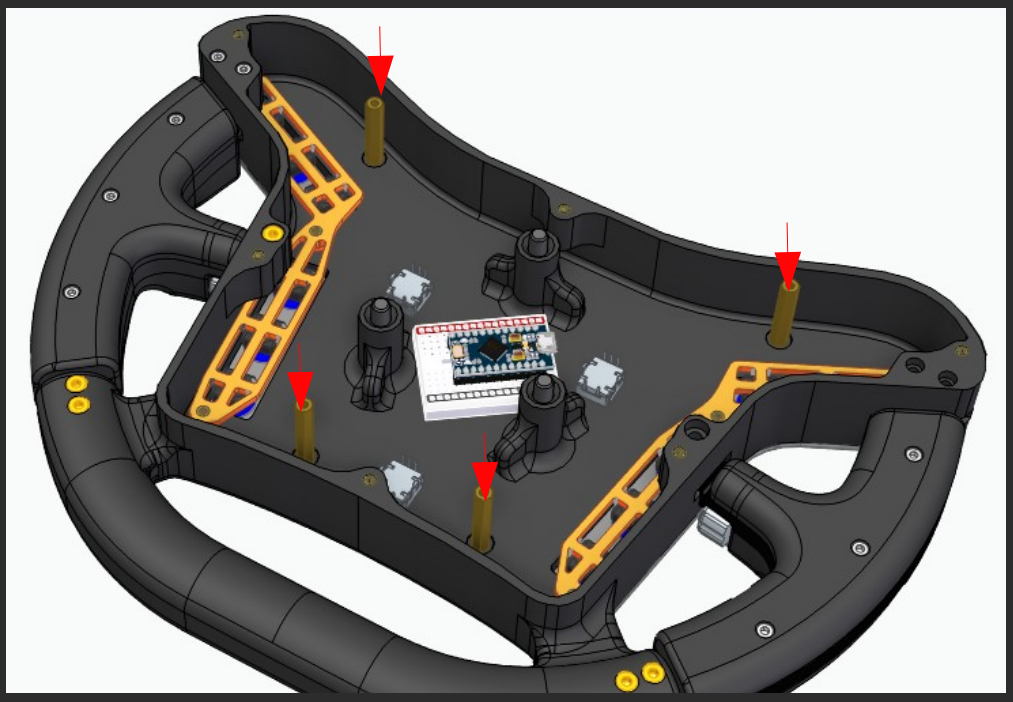
10.STEP- Secure the grip with M3x20 screw (2pcs) and M4x20 (3pcs)



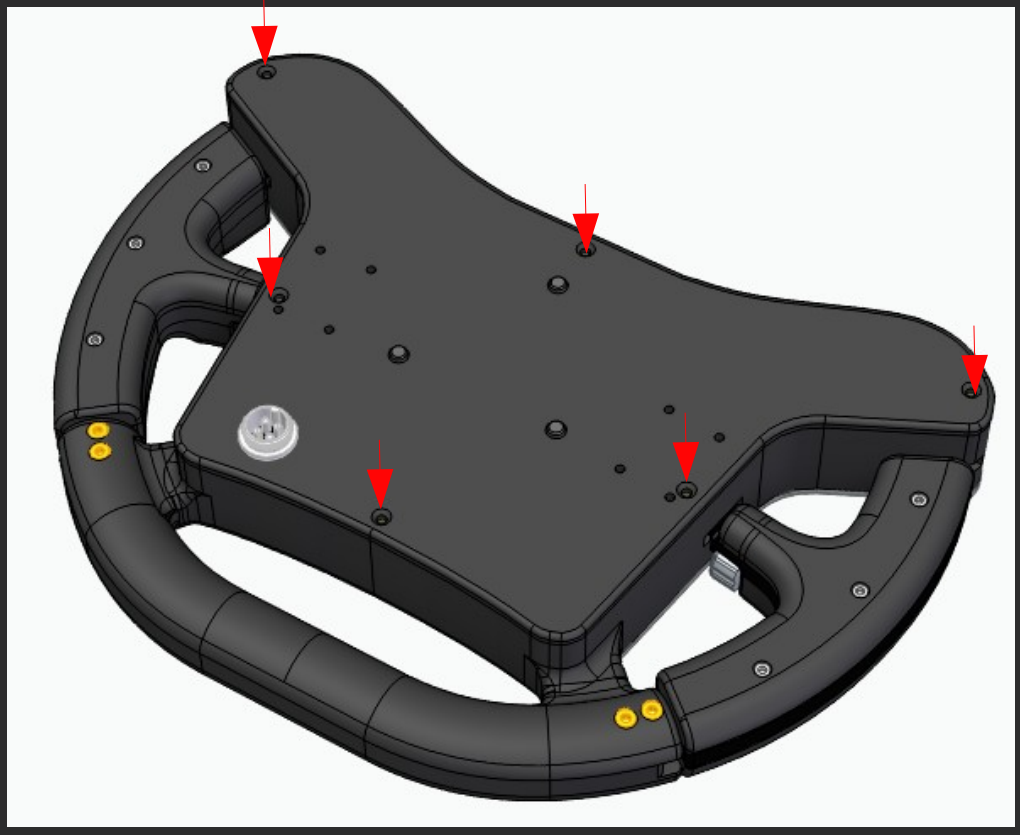
11.STEP- Install the rotary encoders for the base part, and secure them, with glue.



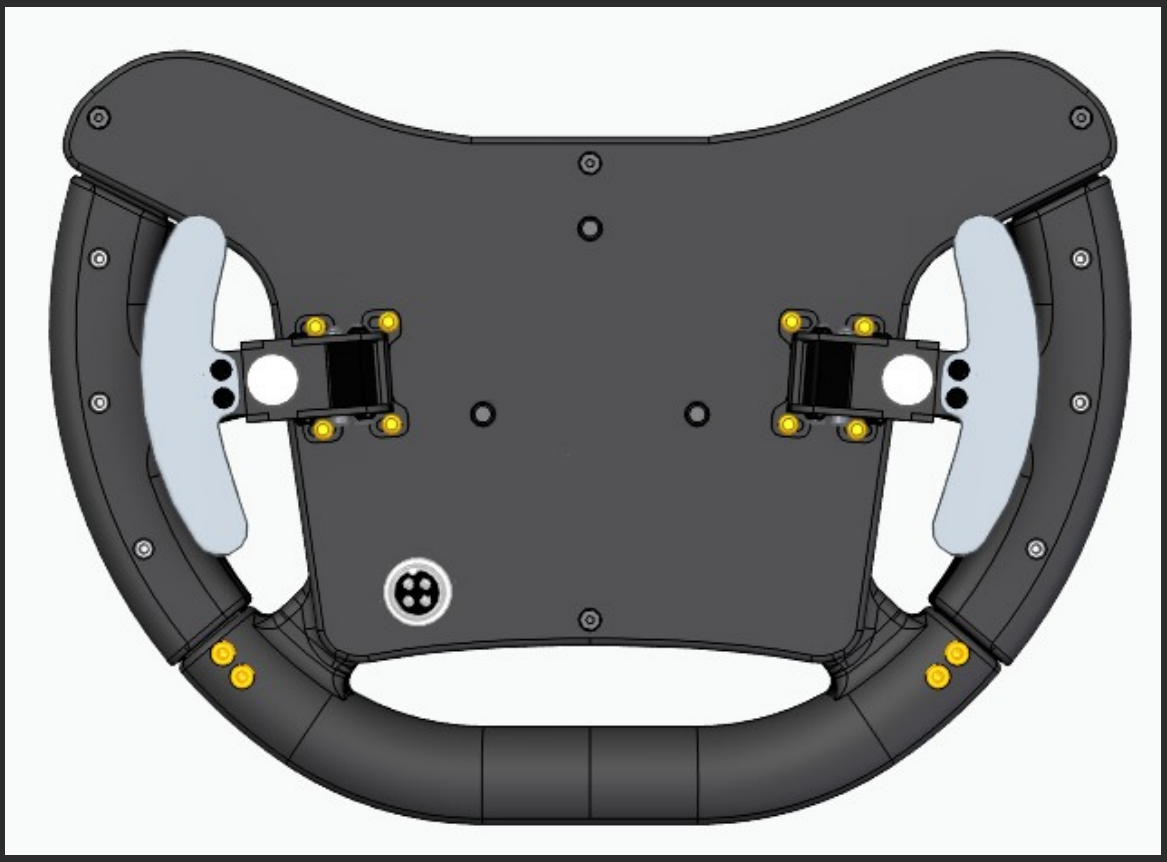
12.STEP-Place and secure the encoder knobs on the rotary encoders at the other side of the base part.



13.STEP- Install the M3x30 spacers (4pcs) for the base part.

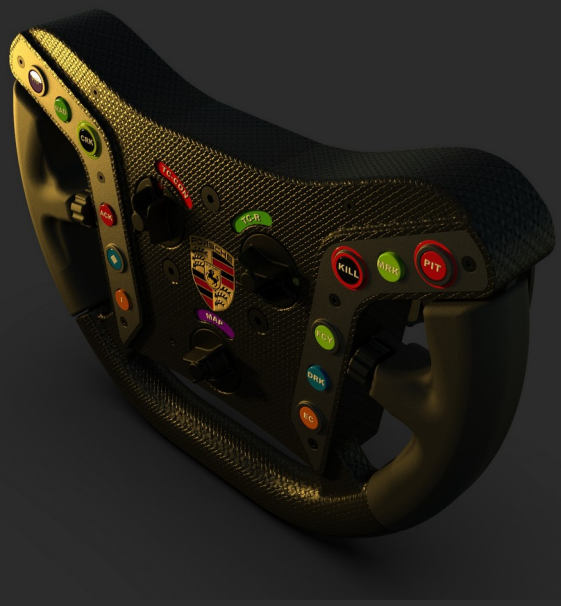


14.STEP- Install the rear panel, with the GX12 connector already installed and connected to the arduino, and secure the panel with M3x10 screws (6pcs)



15.STEP-Mount the HTEK Paddle Shifters on the back of the wheel (any shifter with 29x20 mounting pattern should be good). You can download the shifters from my Cults3D page.

16.STEP- Customize your wheel with custom logos and stickers.



Have fun with your new wheel! :)

This is a fan made project!

FOR PERSONAL USE ONLY - NON COMMERCIAL - NOT FOR RESALE

You cannot sell the digital model, a derivative or adaptation of the model, nor can you sell prints of the model.

The Porsche logo on the wheel is just an illustration, and it is the exclusive property of Dr. Ing. h.c.F. Porsche AG

The actual 3D printable package does not contain any material that belongs to Dr. Ing. h.c.F. Porsche AG, and it is a free, fan made DIY project.