FANATEC INSTRUCTIONS #2 - GUIDE TO REPLACING YOUR GRIPS

ALWAYS TAKE YOUR TIME WHEN CARRYING OUT THE FOLLOWING. IF IN ANY DOUBT ABOUT THE PROCEDURE DO NOT HESITATE TO CONTACT US.

Use this guide for:
Podium Racing F1
ClubSport F1 2018 Limited Edition
ClubSport F1 2019 Limited Edition
ClubSport F1 2020 Limited Edition
ClubSport F1 2021 Limited Edition
ClubSport Formula V2
ClubSport Formula V2.5X
ClubSport Formula V2.5
Podium Racing Formula for Xbox One & PC
ClubSport F1 2023 Limited Edition
ClubSport F1 2024
ClubSport Formula Oracle Red Bull Racing 2024 Limited Edition

For Video Instructions checkout Youtuber "Teqqles Does Sim Racing" Installation Guide https://youtu.be/5dysJxbAhG8

For the following wheels click the instructions below:
ClubSport Formula Black
ClubSport Formula Carbon
ClubSport F1 Esports V1
ClubSport F1 Esports V2

INSTRUCTIONS

For the following wheel click the instructions below:
Clubsport F1 Esports V2

INSTRUCTIONS

Tools Required

· Philips Head Precision Screw Driver (or a Jeweller's screwdriver. A set can normally be purchased from a £1/$1 store if you don't have one). The end needs to be narrow enough to fit into the grip screw holes.

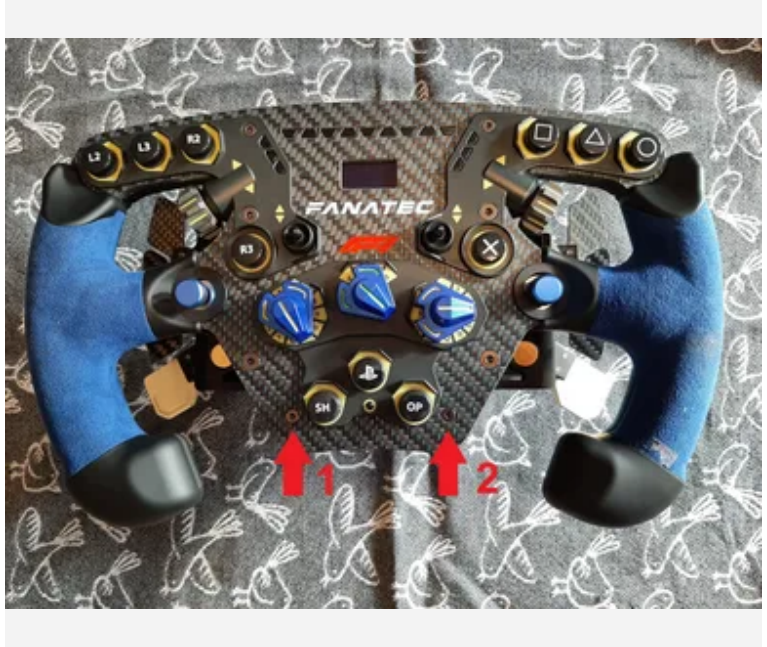
· Cloth (to protect and rest your steering wheel)

· Set of Hex Keys (Allen® Keys).

· Plastic thin edged tool (like a mobile screen opening pry).

· Small container to keep all your removed screws, washer etc safe.

Removing Your Paddles (part 1)

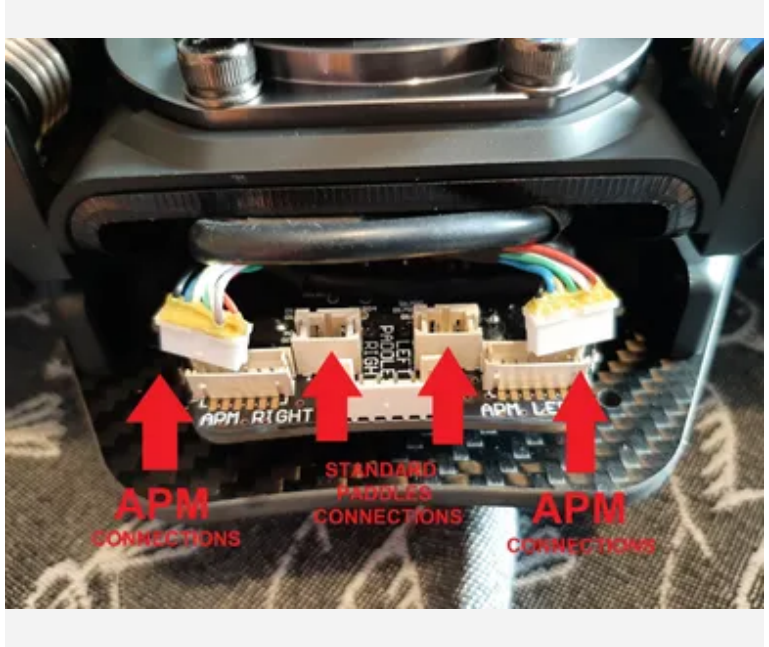


· Place the Wheel carefully face up onto your cloth.

· Firstly, remove the two Countersunk Head Screws from the front face using a Hex Key

· Make sure the Hex Key fit is good as these screws can be very tight on the first time of loosening and covered in thread lock. A poor fitting Hex key can result in you rounding the hex hole on the top of the screw head .

Removing Your Paddles (part 2)

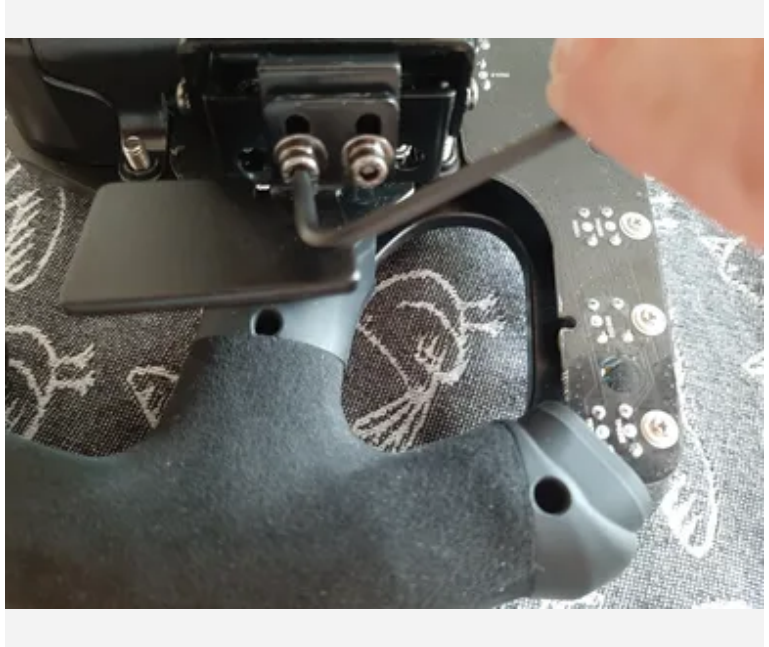


· Now flip over the wheel and remove the bottom cover to reveal the PCB and two paddle connections Place the Wheel carefully face down onto your cloth.

· If you have the **Advanced Paddle Modules (APM)** they will be connected to the two outside connections (as shown in this example).

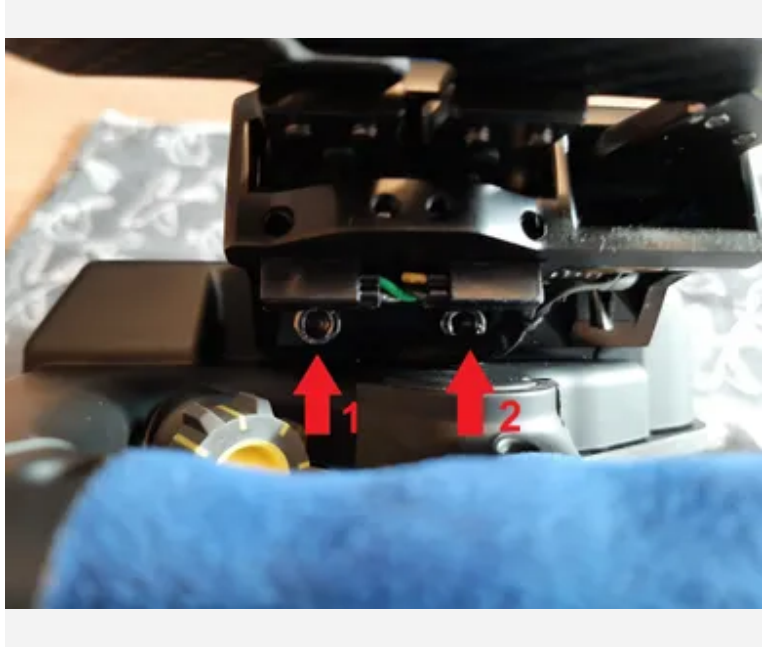
· If you have **Standard Paddles** then they will be connected to the two middle connections. (as indicated int he photo)

Removing Your Paddles - Standard Type (part 3a)



· If you have Standard type paddles, undo the two Socket Cap Head Screws + Washer + Spring Washer situated on the side of each paddle shifter (using a Hex Key).

Removing Your Paddles - APM Type (part 3b)



· If you have the APM type undo the two Socket Cap Head Screws (using a hex key) situated underneath on each APM.

Removing Your Paddles (part 4)

· Carefully remove the APM by feeding the cable from the through the indicated opening on the rear cover.

· Repeat for the other APM.

Removing Your Grips (part 5)

· Flip the Wheel carefully on its back again.

· Remove the six indicated screws.

· Make sure the Hex Key fit is good as these screws can be very tight on the first time of loosening and covered in thread lock. A poor fitting Hex key can result in you rounding the hex hole on the top of the screw head.

Removing Your Grips (part 6)

· Flip the Wheel carefully on its front again.

· Remove the two screws from the top of the rear cover.

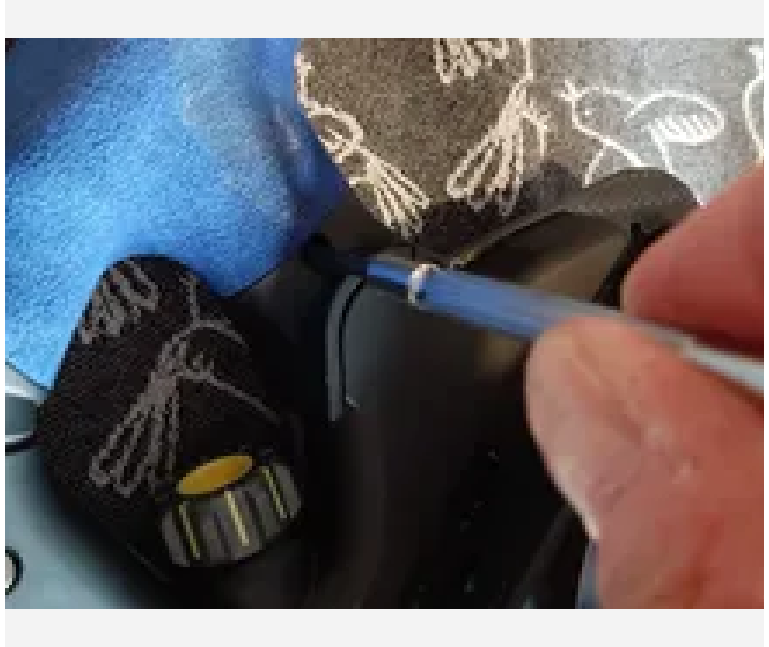
· Make sure the Hex Key fit is good as these screws can be very tight on the first time of loosening and covered in thread lock. A poor fitting Hex key can result in you rounding the hex hole on the top of the screw head.

Removing Your Grips (part 7)

· **IMPORTANT!** Before attempting to remove each rear grip half (containing the haptic motor), remove the screw from the area indicated, using a Philips Head Precision Screwdriver (or Jeweller's Screwdriver).

· There is one on each side. These holds the wheel, PCB and rear grip together so its essential these are removed.

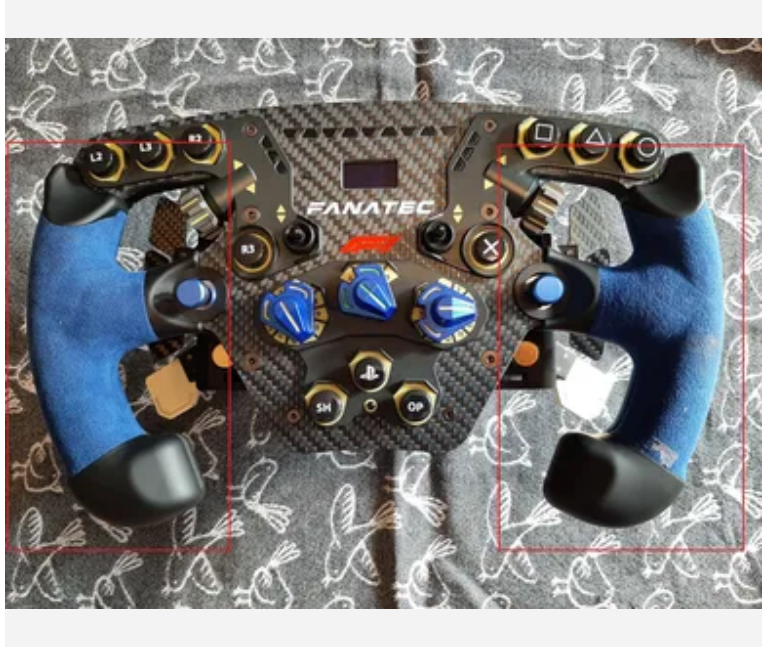
Removing Your Grips (part 8)



· You now have access to all three screws situated on each rear grip half.

· Unscrew fully all the three 3mm x 8mm long Pozi Pan Head Screws from each grip (using the Philips Head precision screwdriver or Jeweller's screw driver. Again, these can be factory over tightened so be cautious when unscrewing.

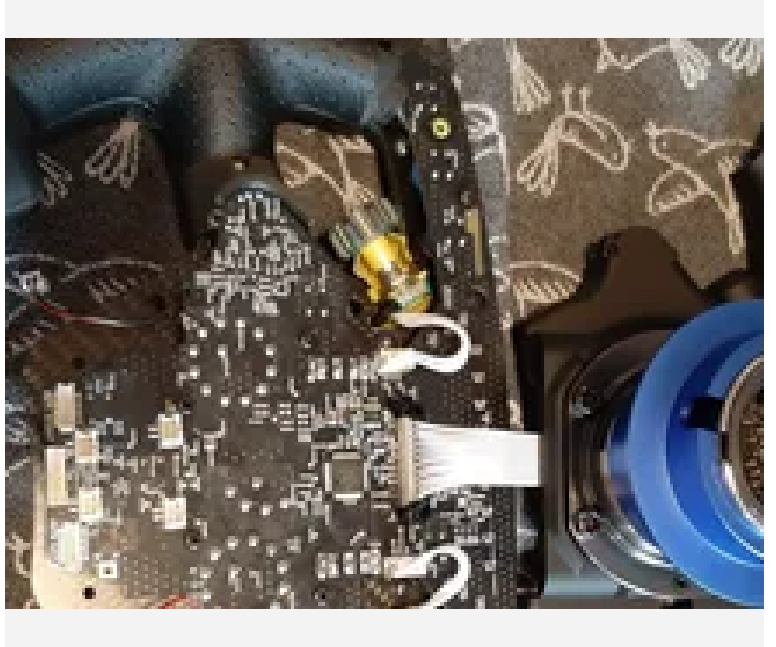
Removing Your Grips (part 9)



· Flip the wheel in its back again.

· Lift off each front grip half.

Removing Your Grips (part 10)



· Place the wheel on its front.

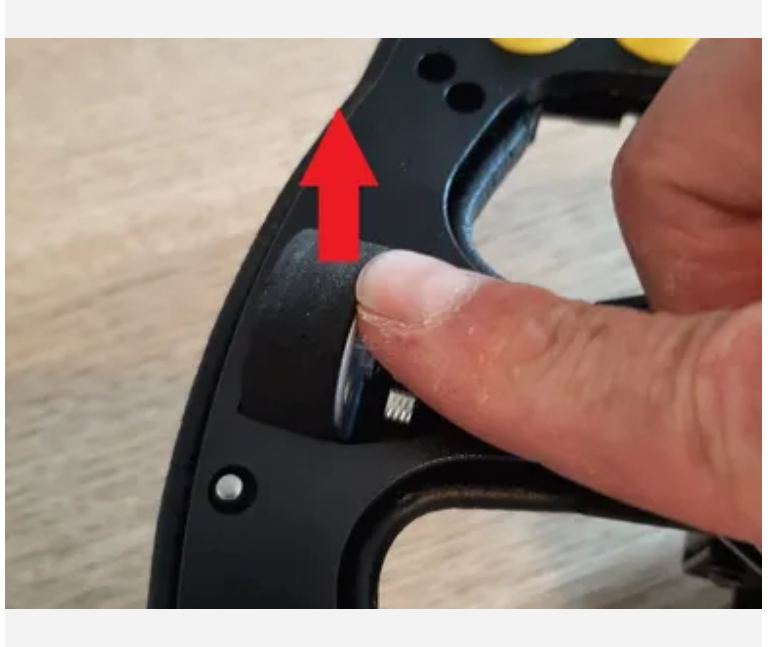
· Carefully now lift off the rear cover, keep the ribbon connector attached as shown.

· Make sure you do not pull or strain this connection.

Removing Your Grips (part 11)

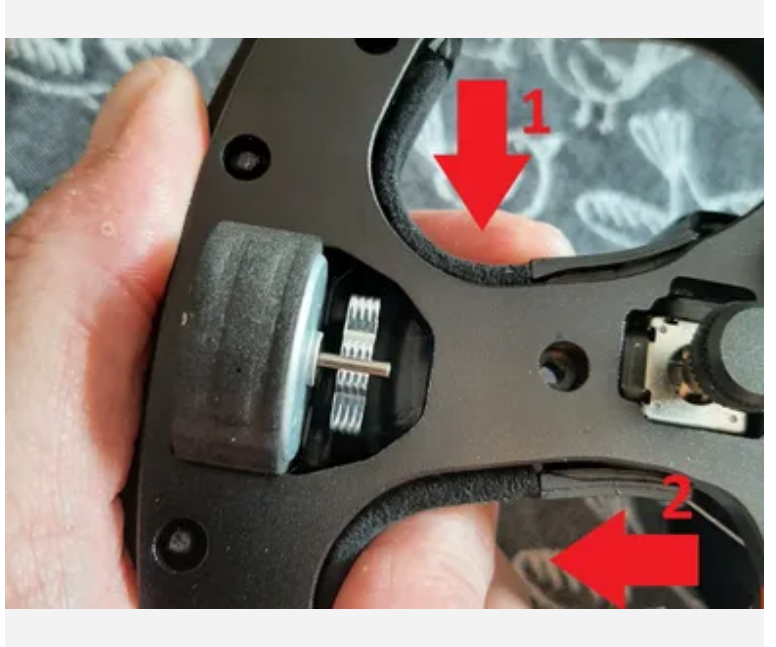
· Place a cloth between the rear assembly and front/PCB assembly to protect the wheel from scratching and damage to the PCB.

Removing Your Grips (part 12)



· Gently lift the haptic motor up towards you from the main wheel plate, but do not bring it too far as the red/black wiring has a limited length. It is connected to the PCB via a small white connector on the underside of the PCB. Rest the haptic onto the cloth for now (still connected to the PCB).

Removing Your Grips (part 12)



· Now push the rear grip half downwards and out away from the wheel plate (note as you are doing this, part of the grip is tucked in between the PCB and wheel plate. So, its a careful "down and away" action) Once the grip is away from the wheel rest it onto the cloth.

· Push the haptic motor back through the wheel plate hole it came from and re-unite it with the rear grip half. Place it for now back into its holder in the grip housing.

Removing Your Grips part 13)

· You now have two choices. Either:

a) Unplug the haptic motor from the PCB. This is attached with a small rectangular white connector on the edge underside of the PCB. Be very careful unplugging this. DO NOT PULL ON THE WIRES to remove the connector, carefully free it loose by a side to side motion as you pull it. It is a little fiddly, but it will come out.

b) Leave it connected but be careful not to pull on the wires.

Removing Your Grips (part 14)

· Next, you need to remove the haptic motor wires from each grip half. This is held in two places in small slots in the molding. Two types of material hold the wires in place, sometimes with soft glue (sort of yellow slightly transparent looking), sometimes with a harder black silicone-type material. The soft glue is easy to pick out, the harder black silicone material a little more difficult. Just be patient and pick away at it with your fingers or something like a small mobile phone opening pry. **DO NOT PULL ON THE WIRES and NEVER USE A SHARP METAL OBJECT** as you will likely damage the small red and black wires. Do not worry, with patience you will remove the retaining glue. · Grips are now fully removed from the wheel.

Fitting Your Re-Covered Fanatec Grips (15a)

· Reverse the "Removing Your Grips" process for re-fitting your freshly re -covered grips.

· We supply you with a new set of grip screws.

· Two glue dots are also supplied. For re-attaching your haptic motor, after placing the wires back into each slot, cut a glue dot in half and fill the slot with it.

· When refitting each grip rear half, be careful not to trap the wires between the grip and the PCB. Just take your time.

· Remember also, never over tighten the screws. Its yours and my "death grip" that got us here in the first place. By all means "death grip" your handle material, that's good for business on the wear side but try not to do it on the screws :-)

Fitting Your New 3D Printed Pineapple Grips (part 15b)

· Reverse the "Removing Your Grips" process for re-fitting your new 3D Printed Pineapple grips.·

· We supply you with a set of six No.2 (2.2mm x 13mm long) Self Tapping Posi Pan Head Screws. Please make sure these are used instead of the original screws as they have a slightly different type of thread. Using the originals, you risk stripping the holes.

· You are also supplied with four metal pins. (you will see these on your original Fanatec grips as part of the injection moulded part.) Go to the next part for an explanation of what to do with these.

· All items can be found tucked into your rear left grip half (in cavity between the packing card and the grip, found in a small self-sealed bag).

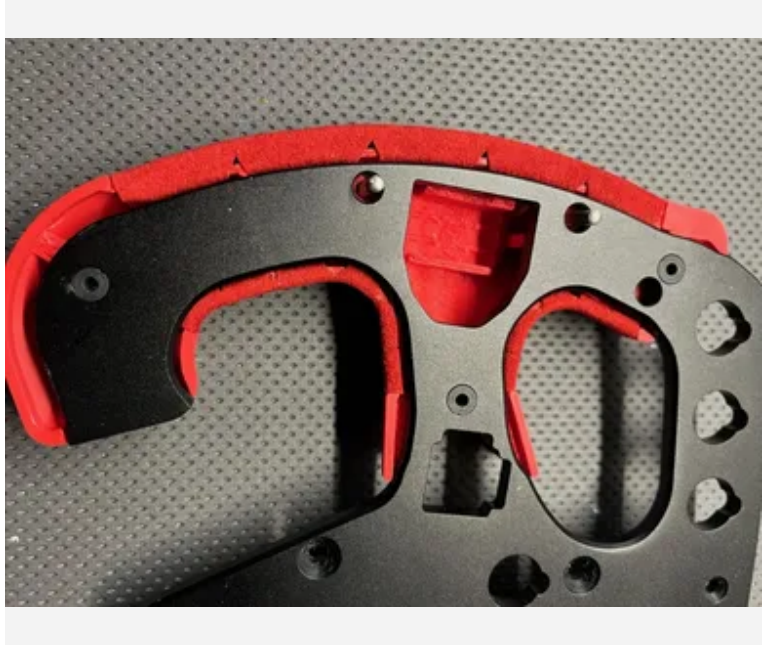
· For re-attaching your haptic motor, poke each red/black wire into the two retaining slots (past the small "pip"). Use a finger nail or a mobile screen opening pry to do this.

· **DO NOT PULL ON THE WIRES and NEVER USE A SHARP METAL OBJECT** as you will likely damage the small red and black wires will retain the wire.

· When refitting each grip rear half, be careful not to trap the wires between the grip and the PCB. Just take your time. ·

· Remember also, **NEVER OVER TIGHTEN THE SCREWS.** Tighten them until the uncovered parts of the grips come together.

Fitting Your New 3D Printed Pineapple Grips (part 16)



· **IMPORTANT!** Fit each pair of metal pins into the rear grip mounting holes AFTER the rear grips have been assembled to your wheel and just BEFORE attaching the front grip halves. To install two of the metal pins to each rear grip, just push into their mounting holes as far as you can, but don't force them. 6mm or so of the metal pins will protrude from its mount, this is fine. The metal pins act as a guide for assembling the top half of the grips and adds strength to the grips once screwed together.