

FANATEC INSTRUCTIONS #1 - 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:
ClubSport Formula Black
ClubSport Formula Carbon
ClubSport F1 Esports V1
ClubSport F1 Esports V2

For the following wheels click the instructions below:

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

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 on).
- 2.5 mm A/F Hex Key (Allen® Key).
- 2.0 mm A/F Hex Key (Allen® Key).
- Plastic thin edged tool (like a mobile phone opening pry).
- Small container to keep all your removed screws, washer etc safe.

Removing Your Grips (part 1)



- Place the Wheel carefully face down onto your cloth.
- Remove the two M3 x 18 mm long Countersunk Head Screws from the top rear cover (using a 2 mm A/F 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 Grips (part 2)



- Flip the wheel carefully onto its back and remove the remaining two 3 mm x 15 mm long Socket Countersunk Head Self Tapping Screws using the same 2 mm A/F Hex Key)
- The top cover can now be removed from the steering wheel.

Removing Your Grips (part 3)



- Flip the Wheel carefully on its front again.
- Undo the two M3 x 8 mm long Socket Cap Head Screws + Washer + Spring Washer situated on the side of each paddle shifter (using the 2.5 mm A/F Hex Key).
- Repeat for the other paddle shifter.

Removing Your Grips (part 4)



- You now have access to three screws situated on each rear grip half.
- Unscrew fully all the three 3 mm x 8 mm 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.
- Carefully lift off each front grip half.

Removing Your Grips (part 5)



- **IMPORTANT!** Before attempting to remove each rear grip half (containing the haptic motor) make sure you have unscrewed the small M2 x 5mm long Pozi Pan Head Screw from the PCB.

Removing Your Grips (part 6)



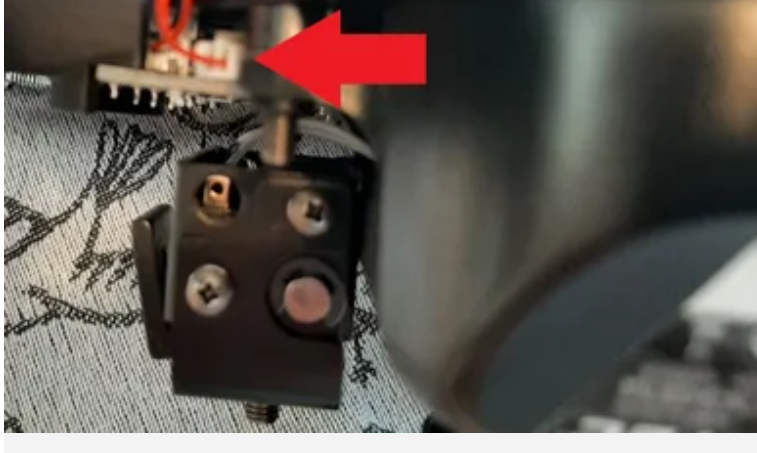
- Gently lift the haptic motor up towards you from the main wheel plate, but do not bring it too far as the red/black wiring has a limited length. It is connected to the PCB via a small white connector on the underside of the PCB. Rest the connector onto the cloth for now (still connected to the PCB).

Removing Your Grips (part 7)



- 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 it's 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 8)



- 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 9)



- 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 New 3D Printed Pineapple Grips (Part 10a)



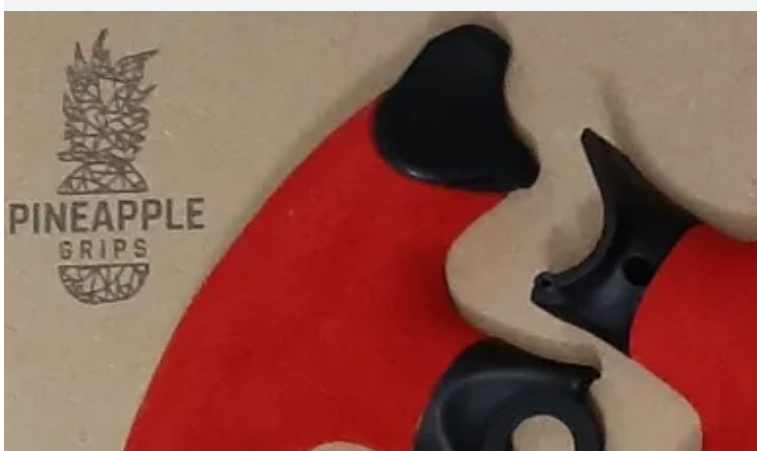
- Reverse the "Removing Your Grips" process for re-fitting your new 3D Printed Pineapple grips.

- 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.

- 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 Re-Covered Fanatec Grips (Part 10b)



- 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 11)



- **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.

Fitting Your New 3D Printed Pineapple Grips (Part 12)



- Insert the 3 black screw bosses to each rear grip in the three positions shown.
- Use **ONLY** the screws supplied. **DO NOT OVERTIGHTEN THE SCREWS!** Tighten each screw until you see the two grip halves come together and you feel an obvious "stop" feeling resistance. If you overtighten there is a risk of stripping the holes where the self-tapping screws go into.
- **IMPORTANT!** When screwing the new grips together make sure the rear grips are seated into position properly. If they are not and you try to screw the top half on it can damage or pull out thread inserts.