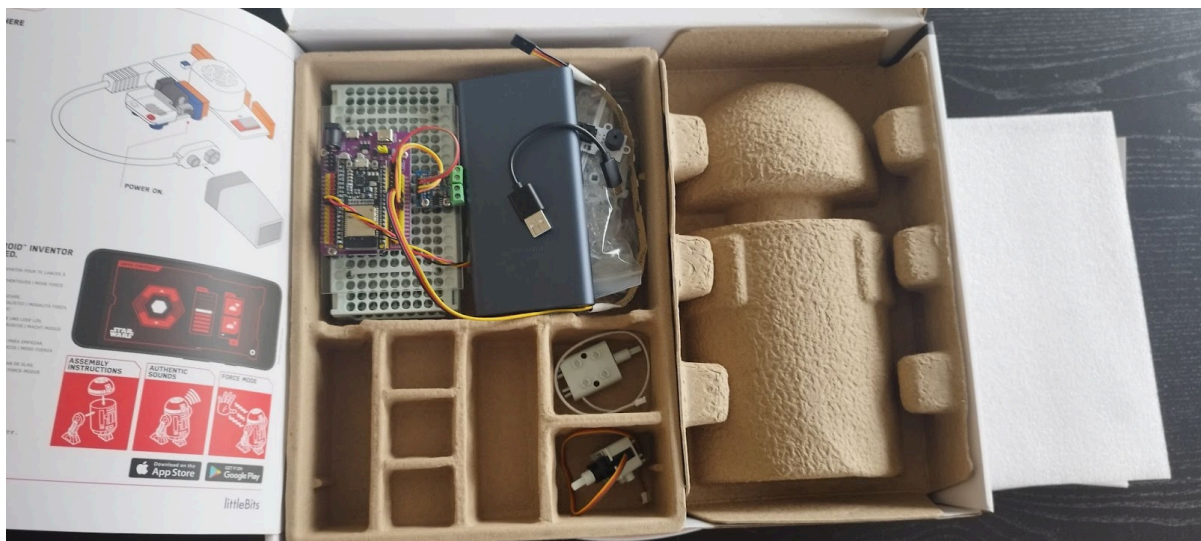


## Assembly Instruction Manual

Inside the box, here are the contents.

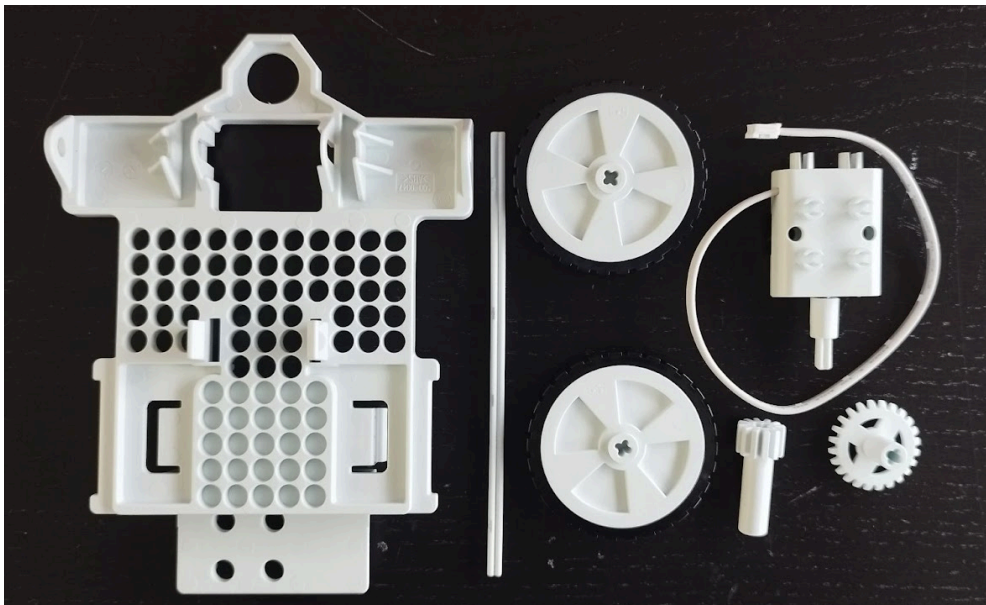
- 1) Droid's motor and internal skeletons
- 2) Droid's body
- 3) Droid's electronics





Let's assemble!

First, we need to get the following two parts from the box.



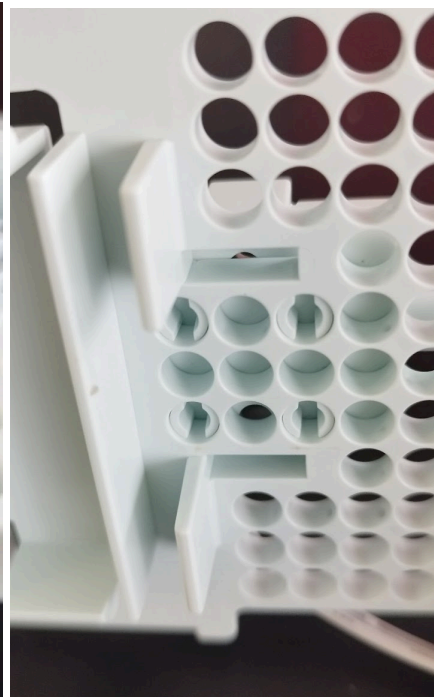
Insert motor to the hock of the base plate.



The motor needs to be seated properly.



(Front view)

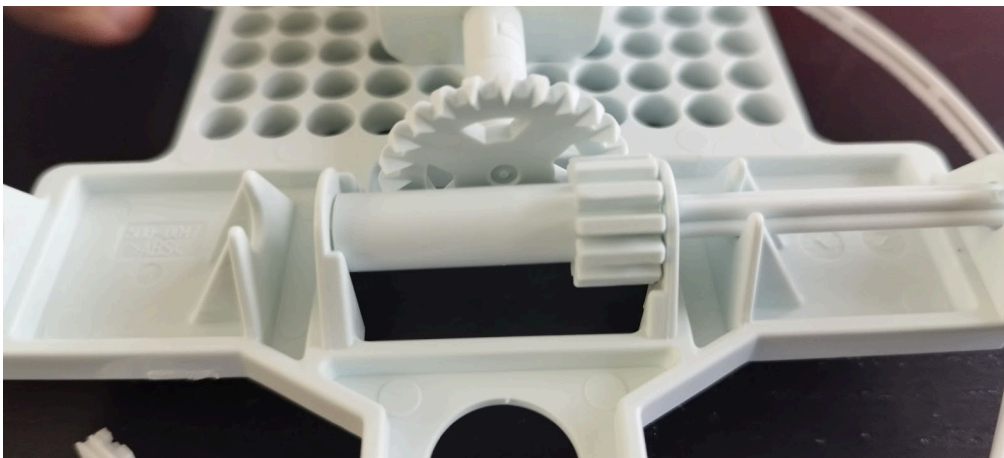


(Back view of motor attachment)

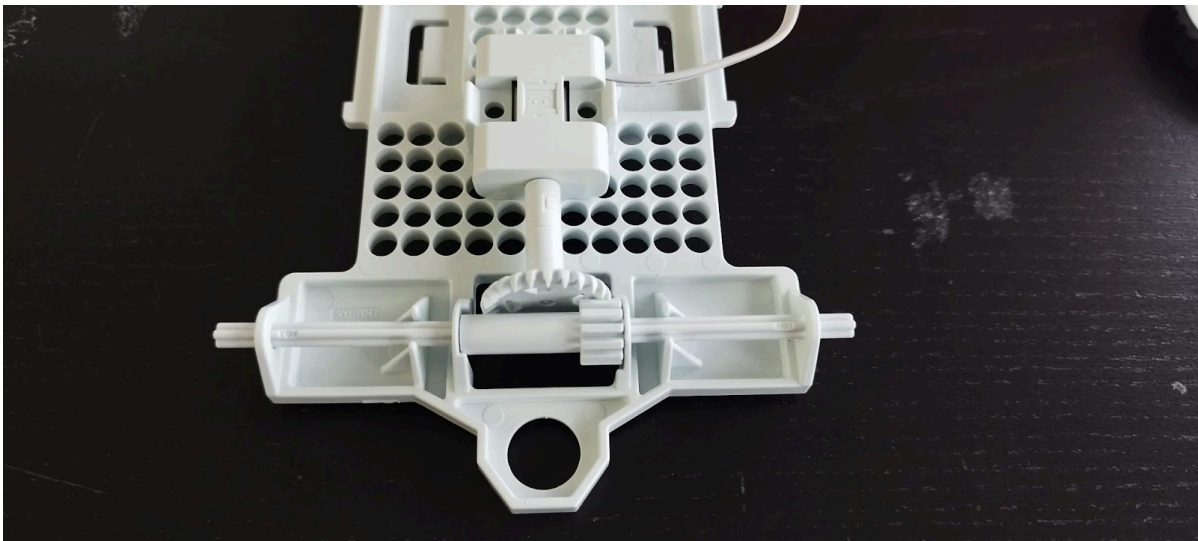
Attach the gear to the motor as below.



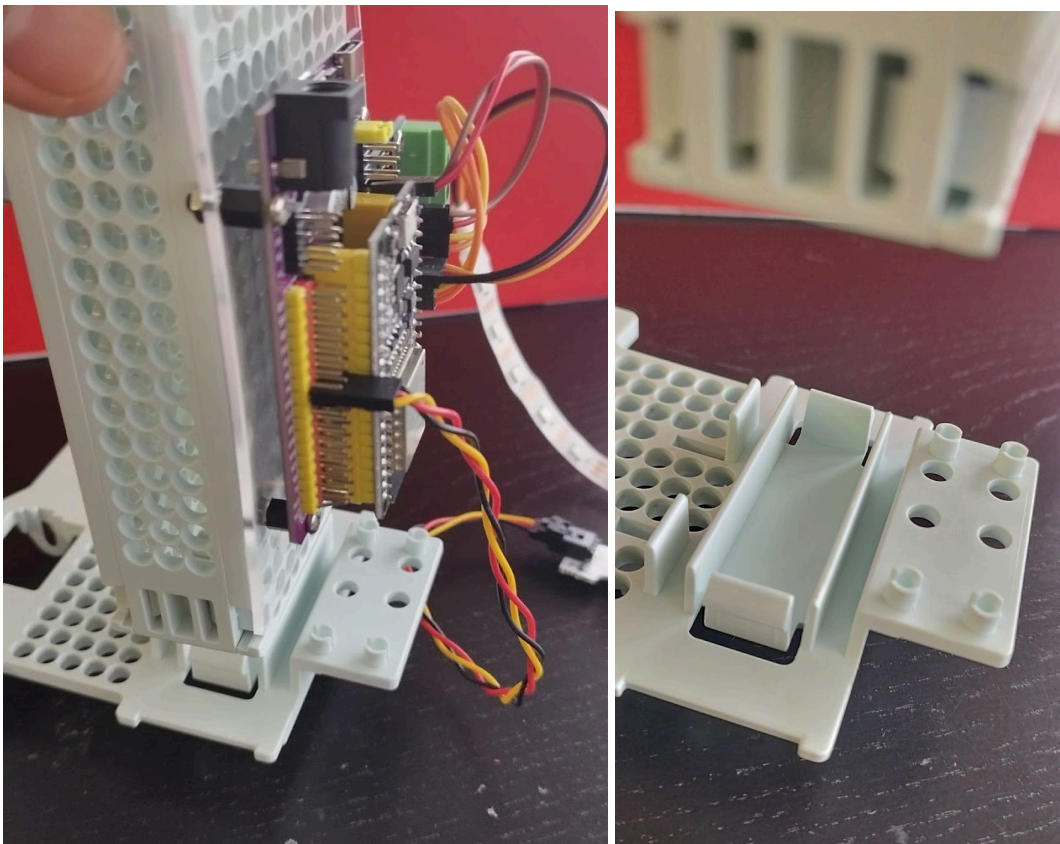
Next will be the fixing of the shaft where we need to insert the spur gear. Please take note of the direction of gear.



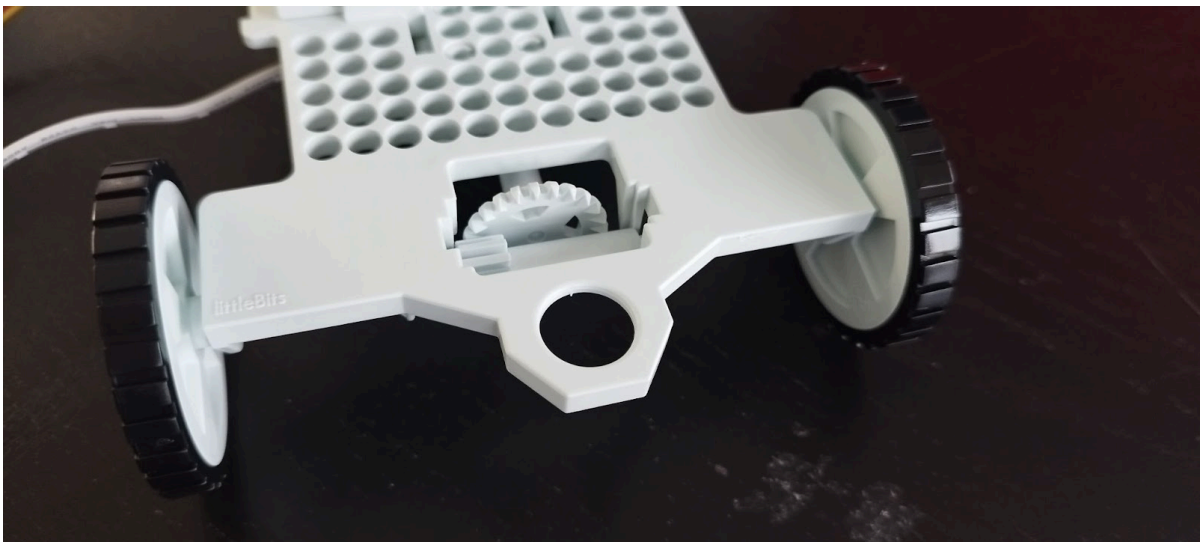
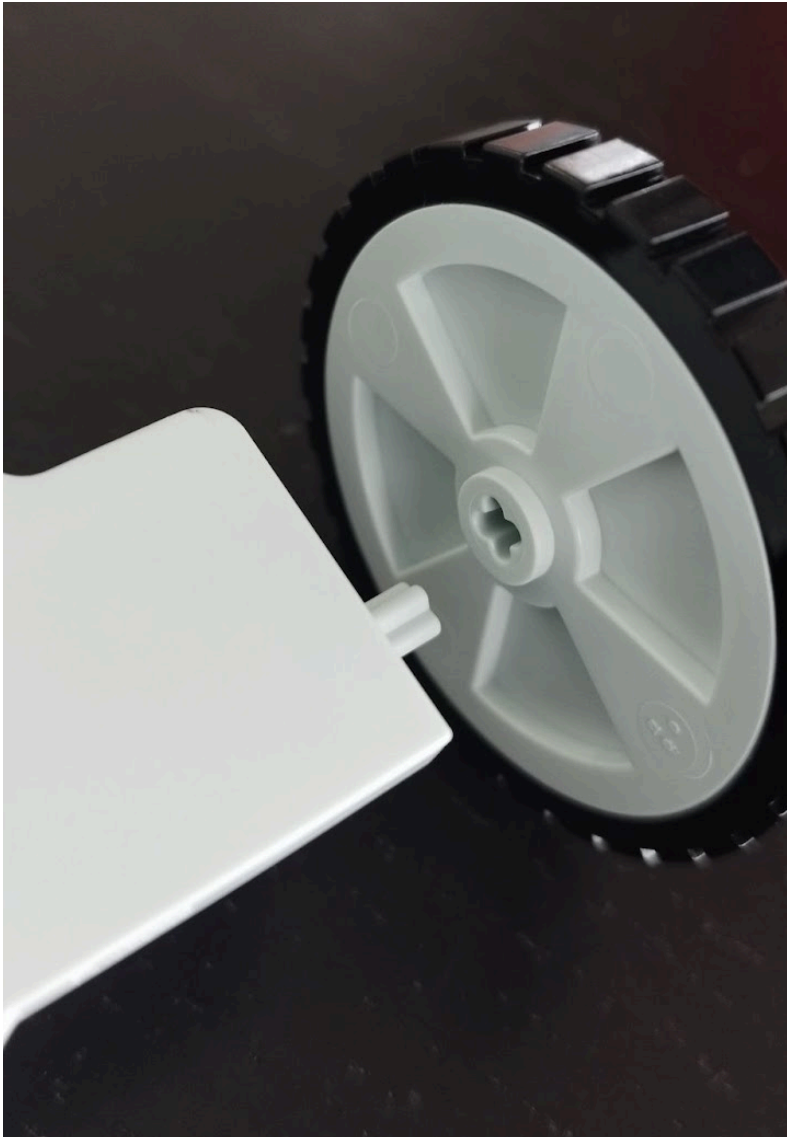
This should be the assembly you would get. You have successfully assembled the base plate of the Droid Kit.



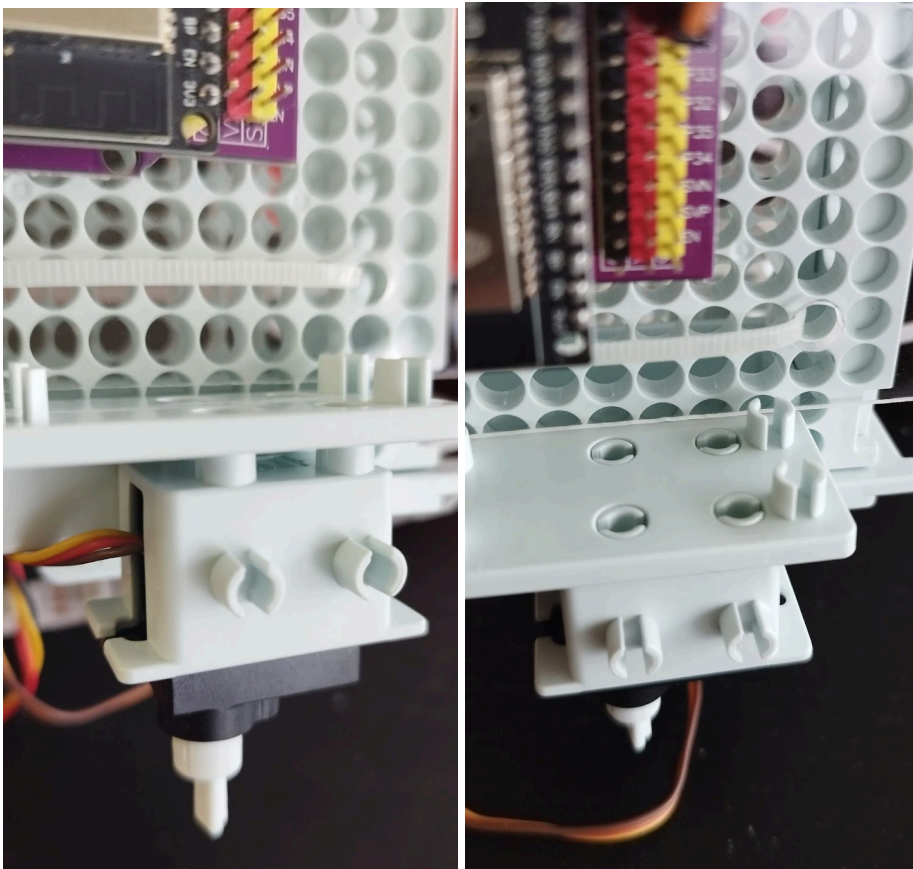
The tower structure needs to be inserted in the base structure. Please take note the slot which could hold the structure perfectly.



The back wheels could be fixed now.



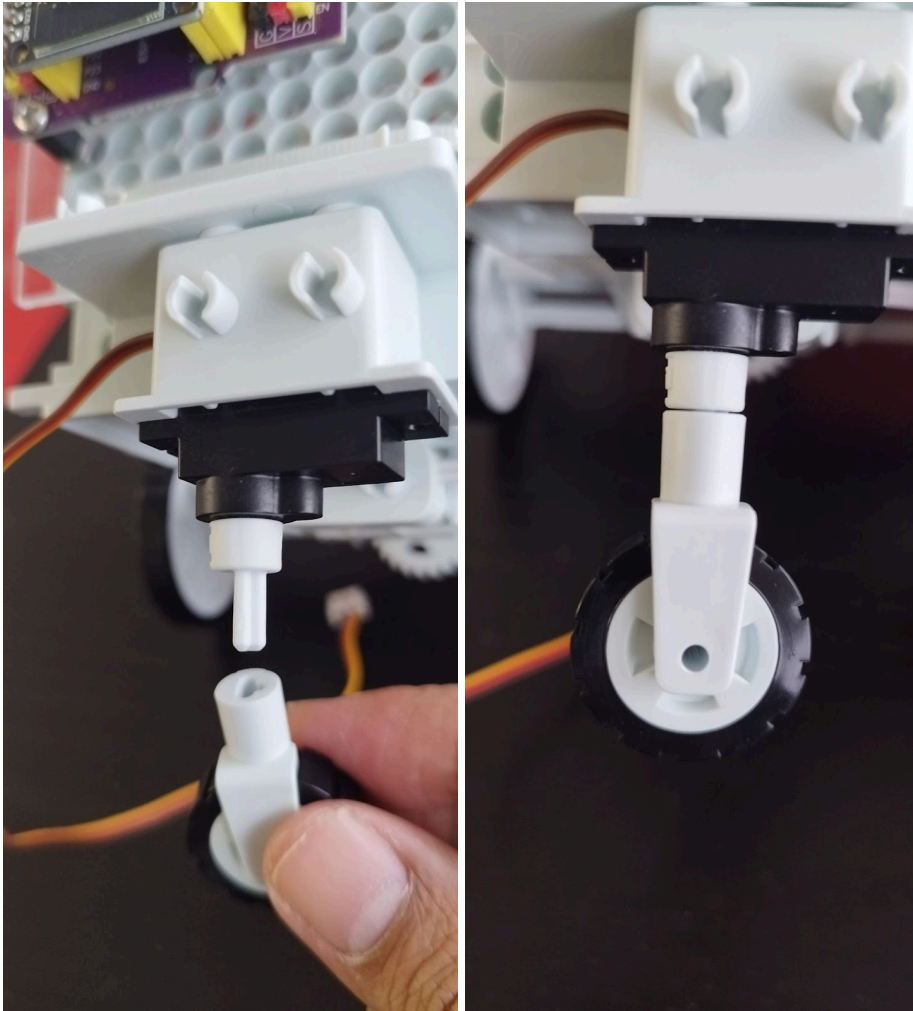
It is time for the steering wheel assembly. Please attach the servo motor to the opposite side of the back wheels. It should be attached in place of holes. Please take note of the direction of the shaft. It should be inwards of the assembly.



Please find the following two parts from the box and attach them together.

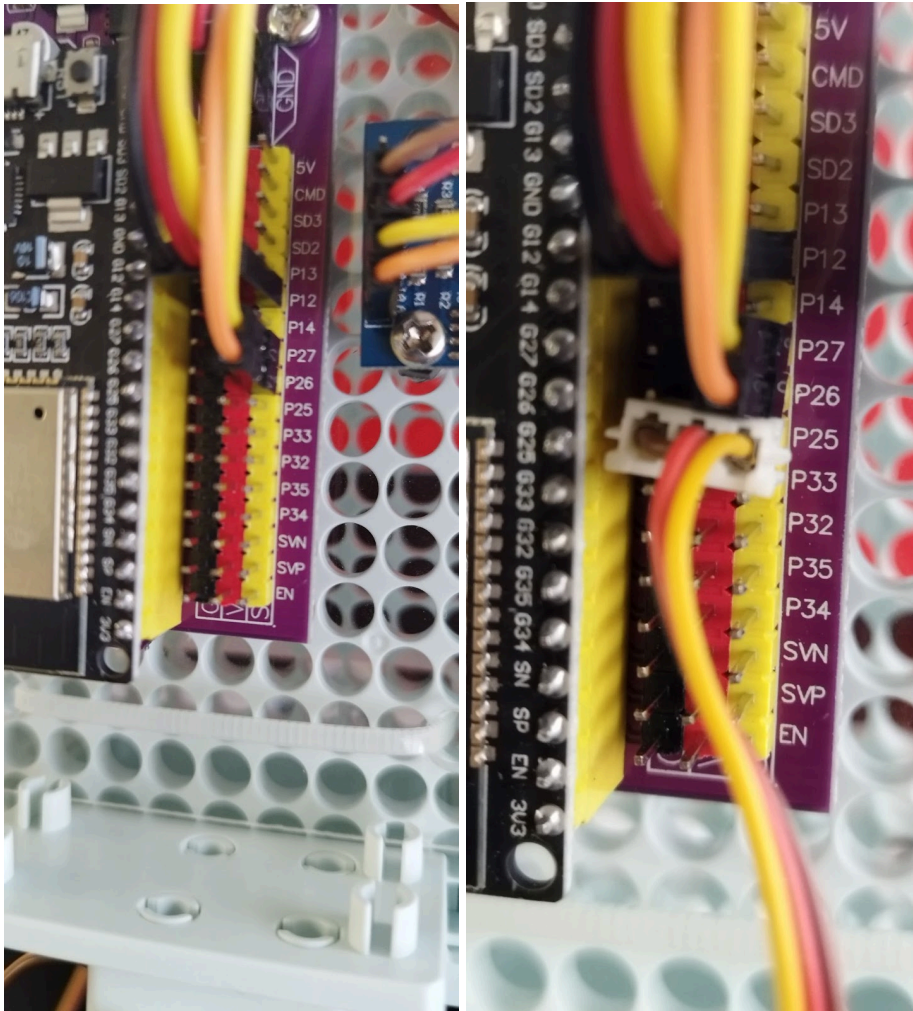


Then, fix it to the steering wheel motor.

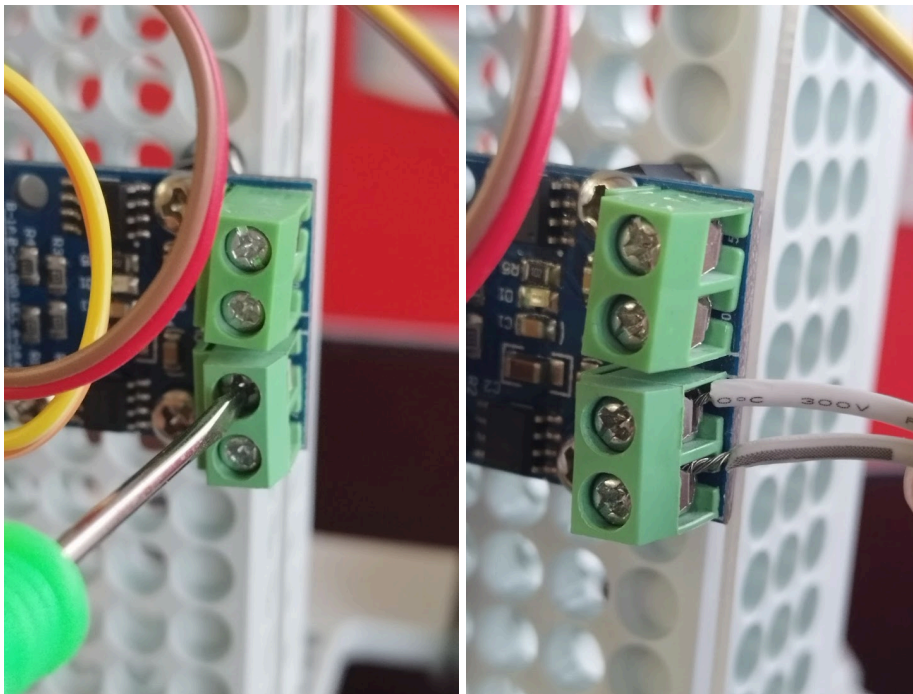


Fix the wire of the steering motor to Pin P25 of the circuit board as below. Please take note that the colours of the wires need to match the PCB board connector pins (in order of black, red, yellow)

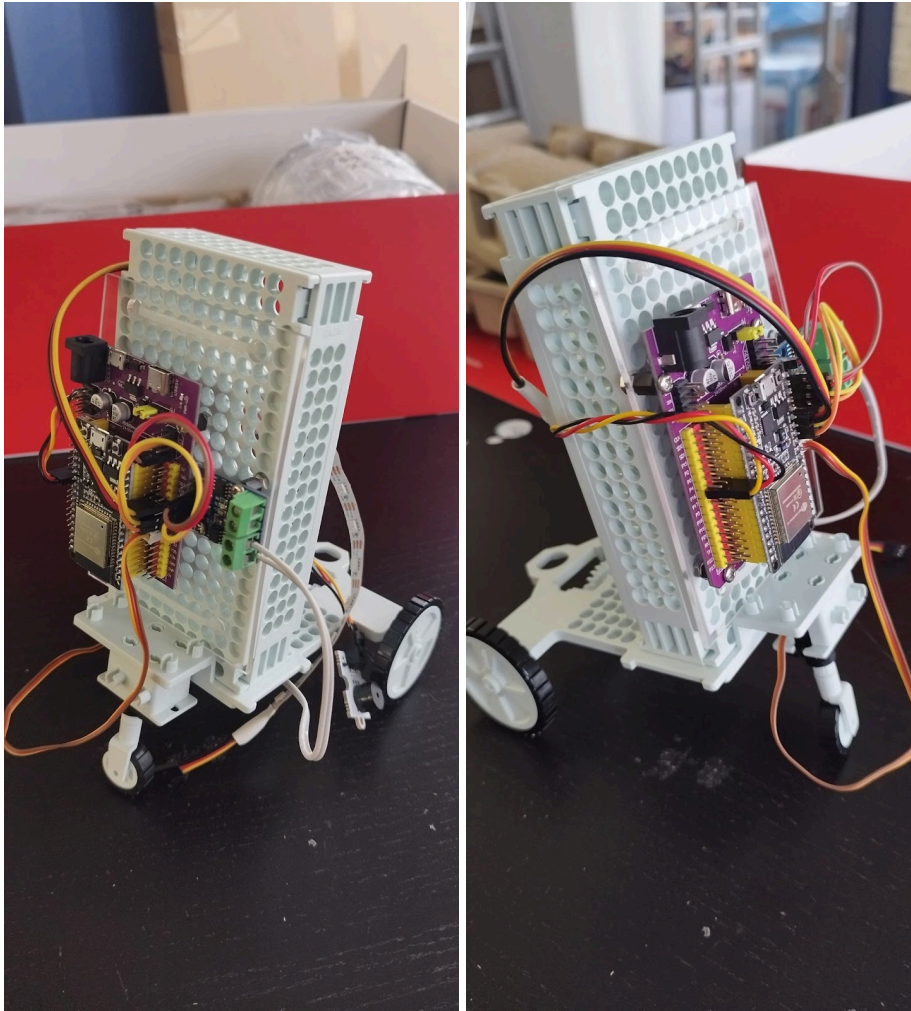




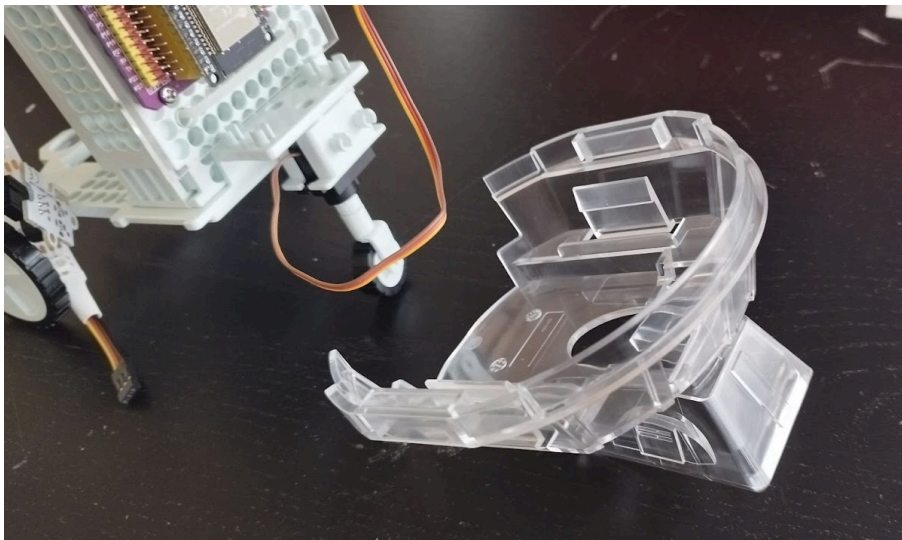
Use a screw driver to connect wires from the motor to the connector. Please take note that the grey wire should be connected to the lower (see photo) connector. Tighten the screw so that the wires are secure.



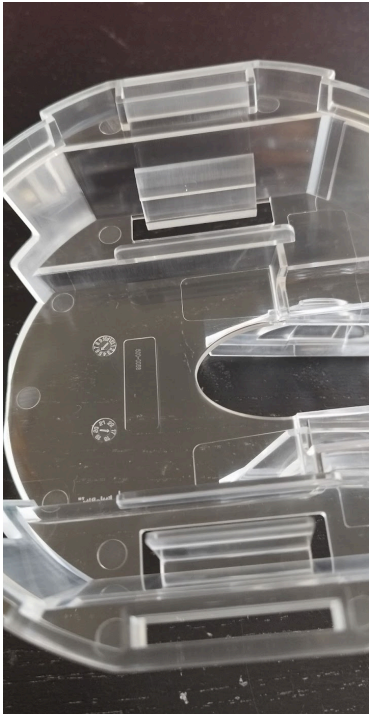
These are the only wires you need to attach. The assembly should be in this state by now.



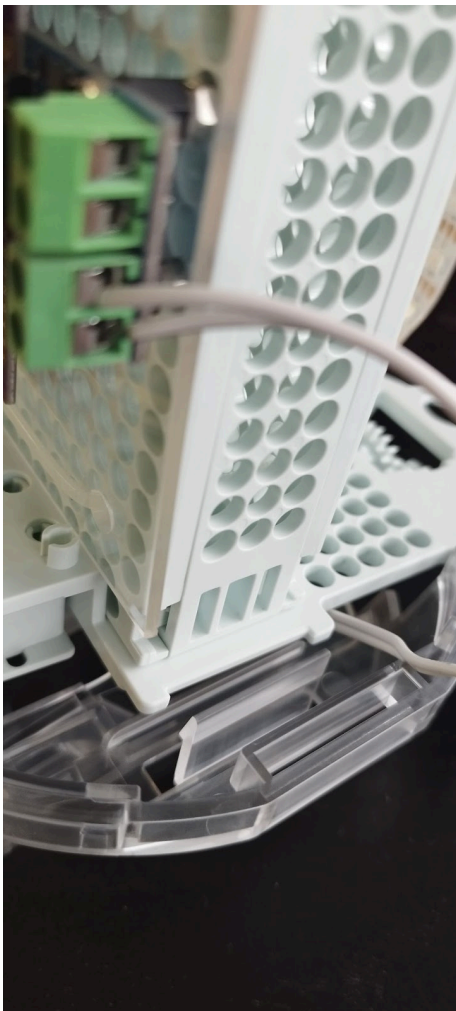
We only have a few more steps left. Next get the base cover from the box.



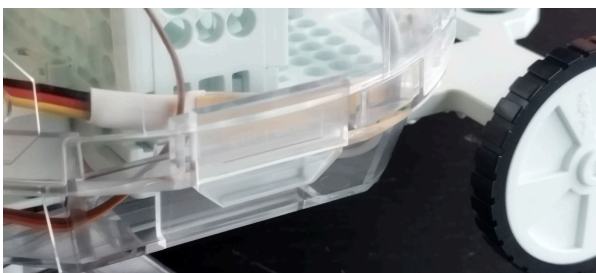
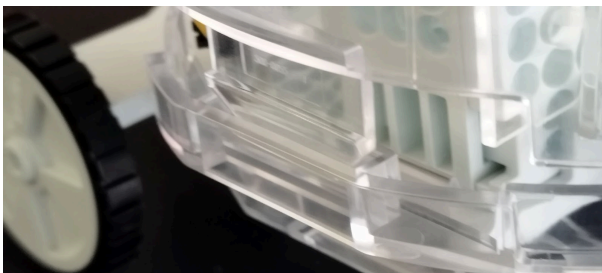
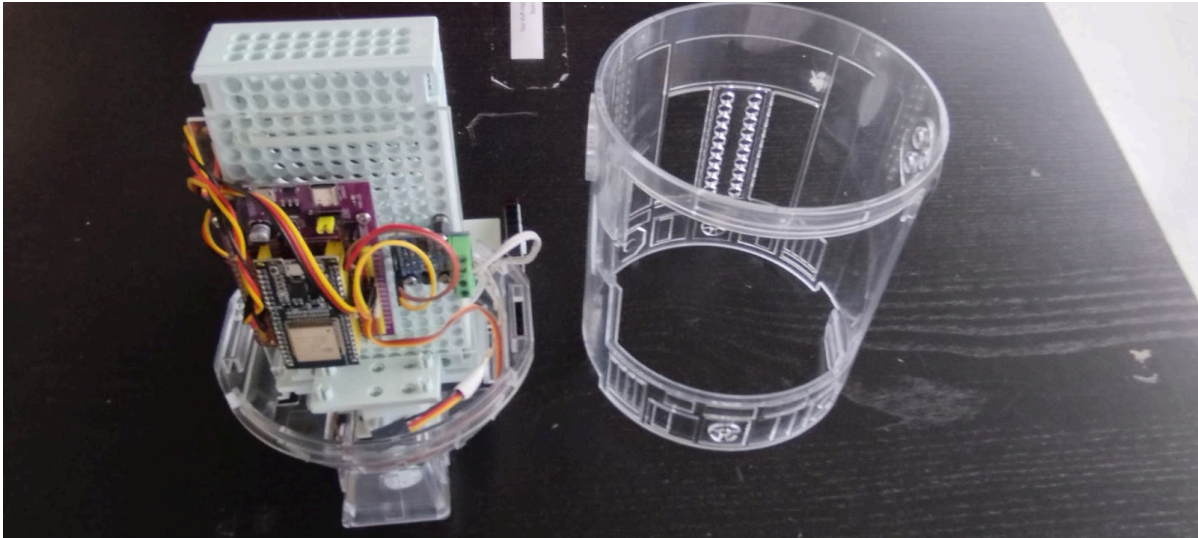
Take note the catch at the base cover.



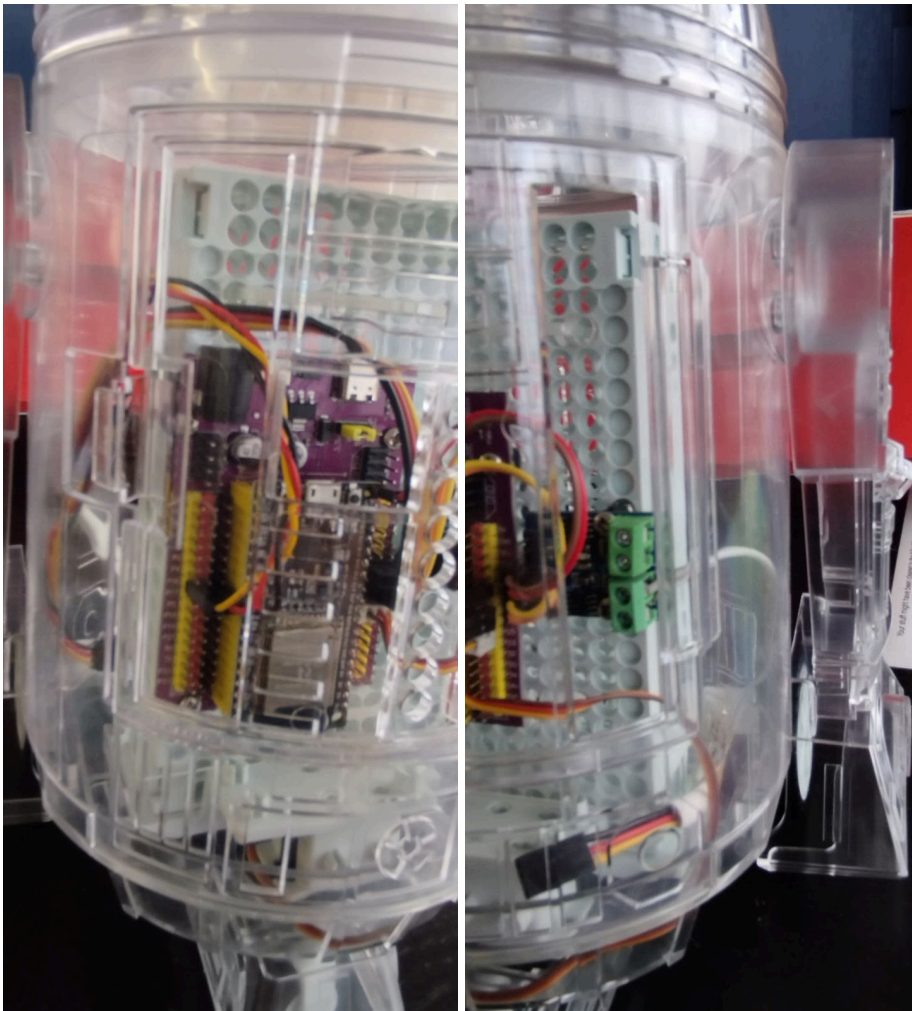
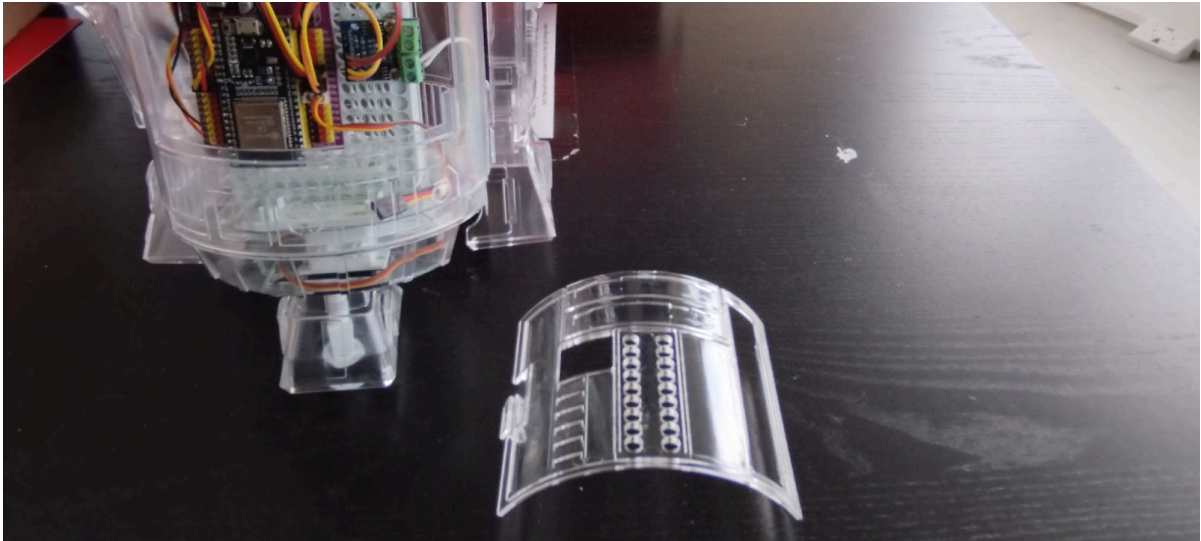
Slot the assembly to the base cover. The catch needs to hold the base plate of the assembly.



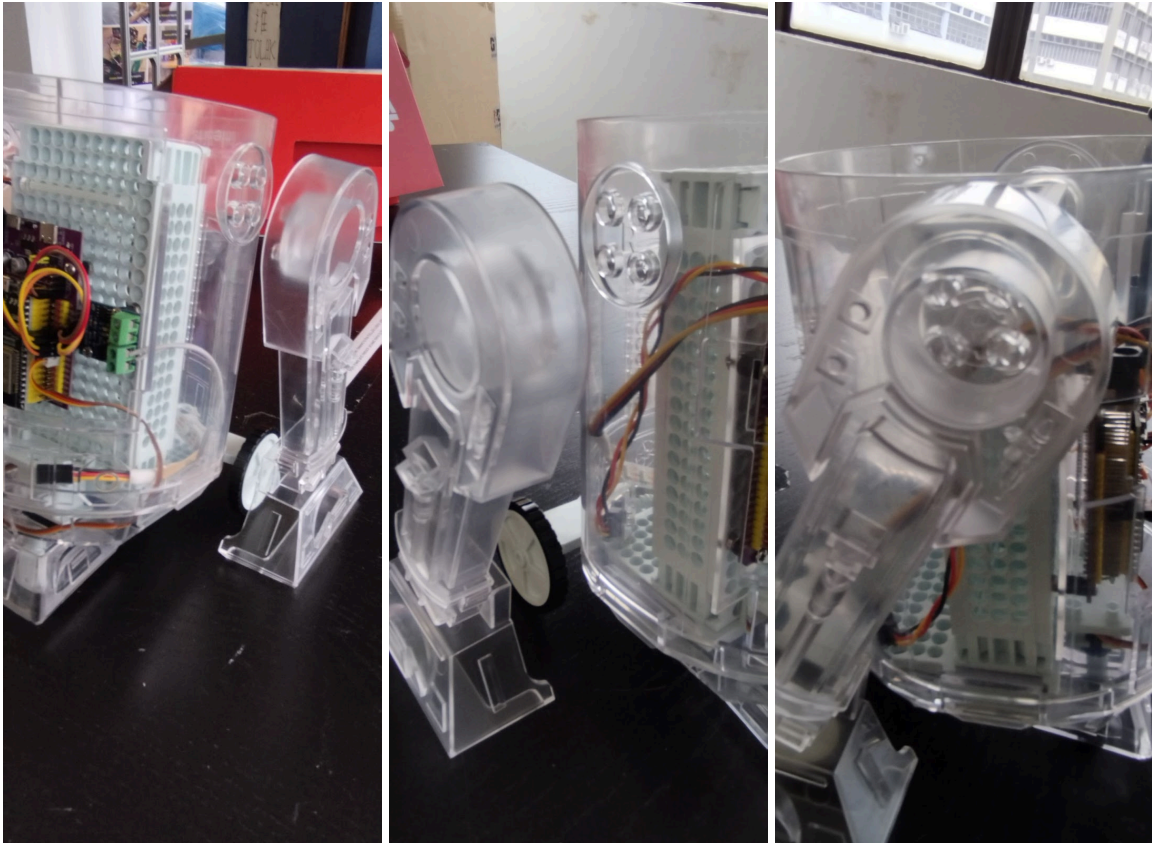
Next, get the body cover. The opening of the cover needs to align with the circuit. There are slide slots which will hold the body cover to the assembly.



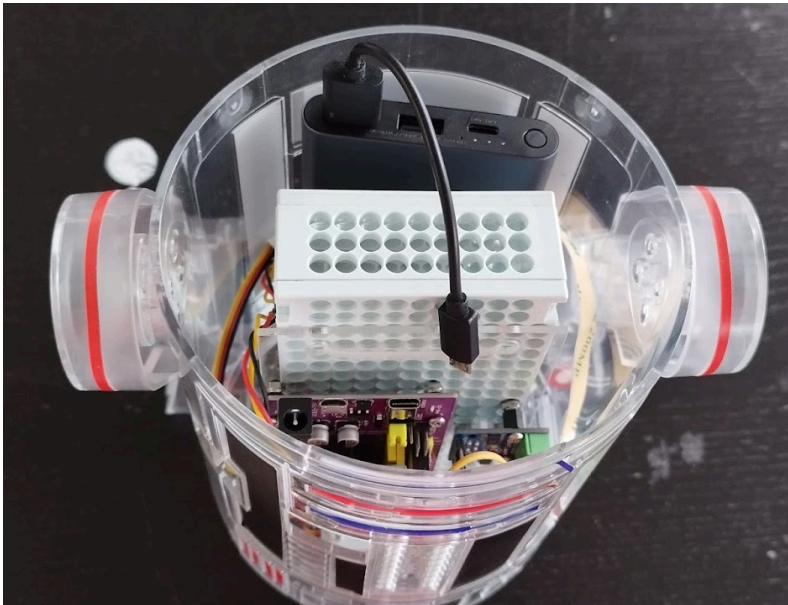
Next, you could cover the opening of the body cover. Please take note that the catch is on the right side of the Droid kit body.



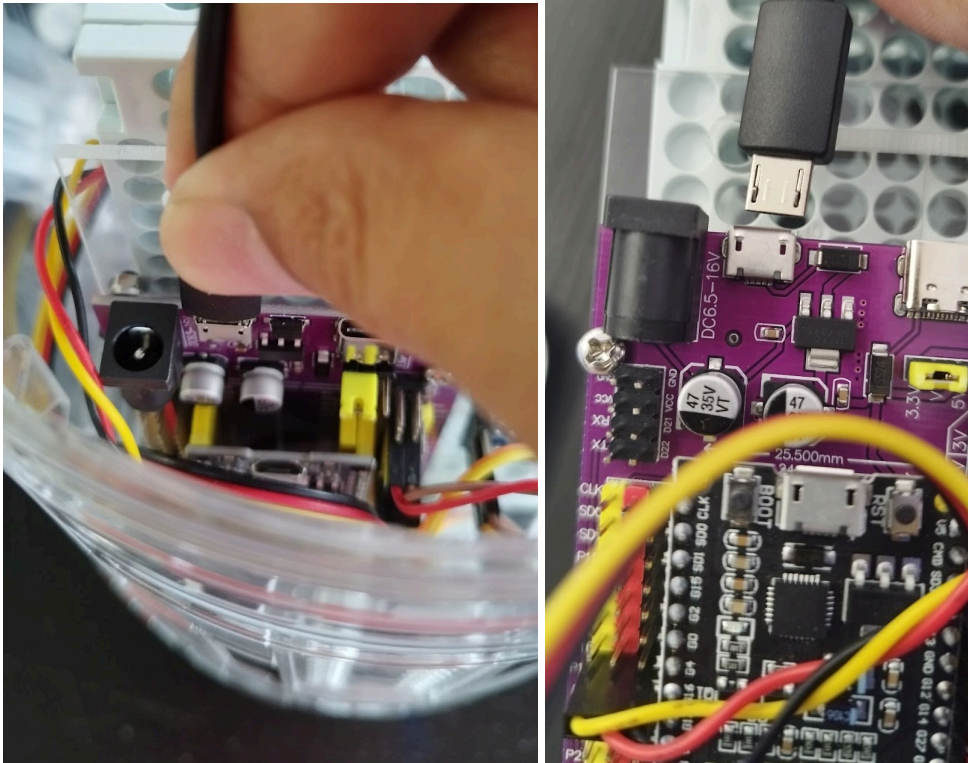
Next will be hands covering. There are four slot holes which hold the cover.



After the body cover is assembled, you can put in the power bank to power the robot.



To power it, you need to connect the USB cable to the circuit.

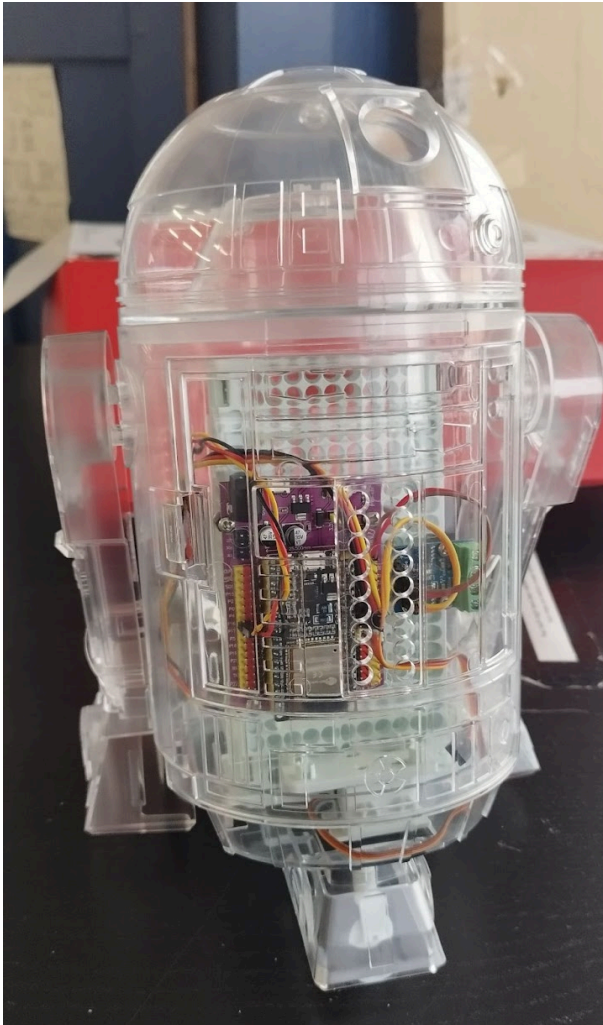


Next, we will assemble the head cover. There are two parts which could be assembled before attaching to the Droid kit body.



Here is the final assembly.





One final thing before playing with the robot, you are strongly encouraged to decorate the robot with the stickers provided.

