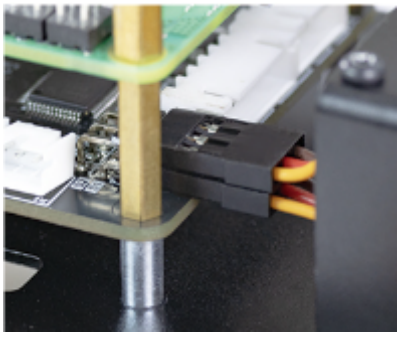
Install servo PTZ

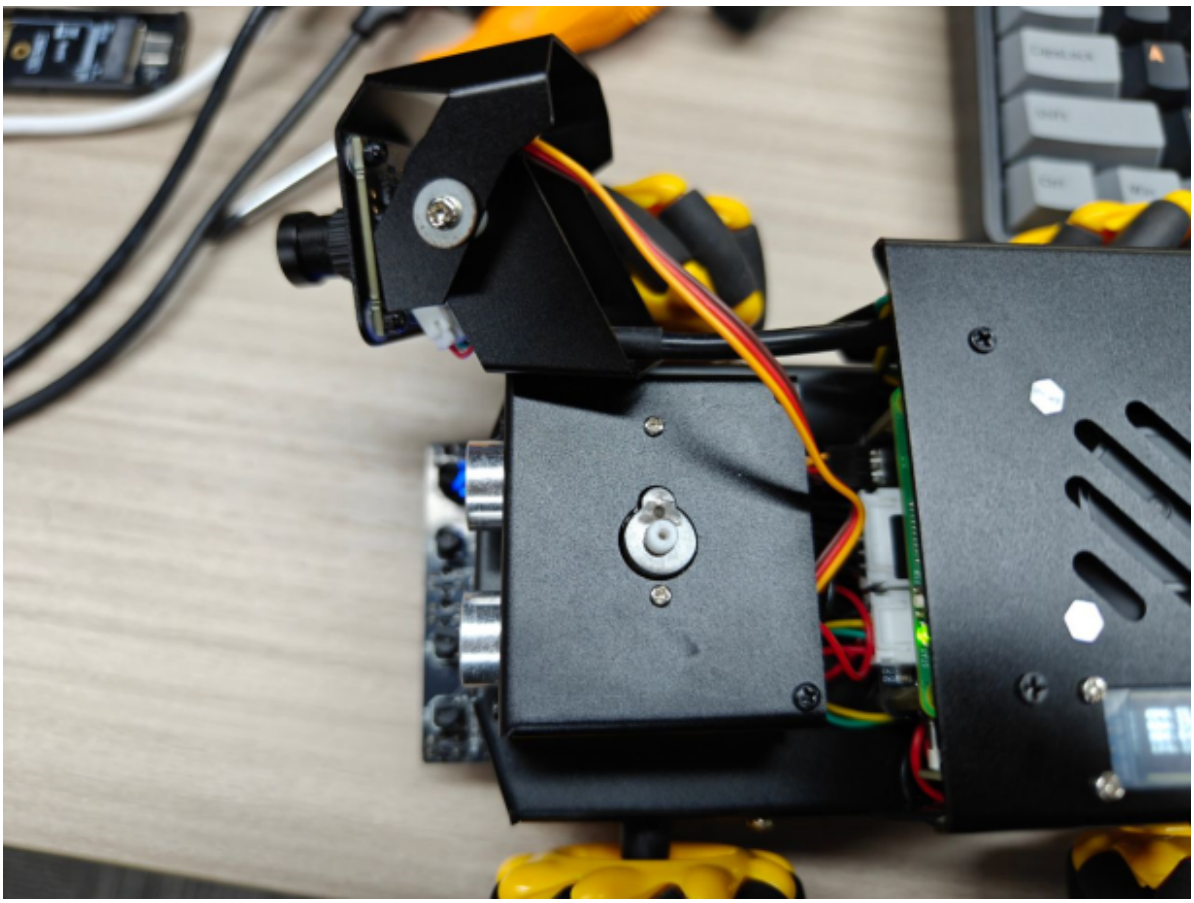
When the servo gimbal is not facing forward or aligned,

The following calibration operations are required,

(1) First turn off the power of the car

(2) Keep the servo cable connected, first remove the servo gimbal, both the upper and lower servos



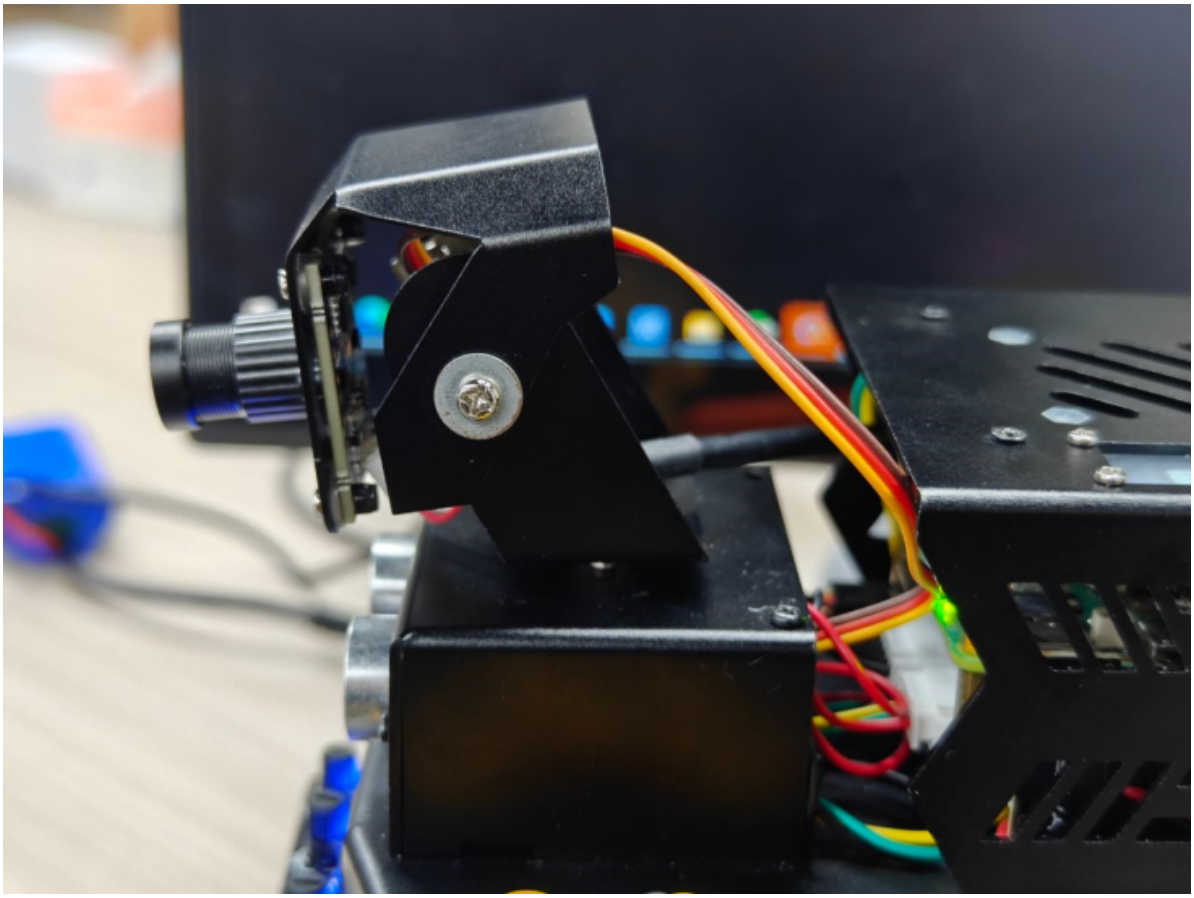


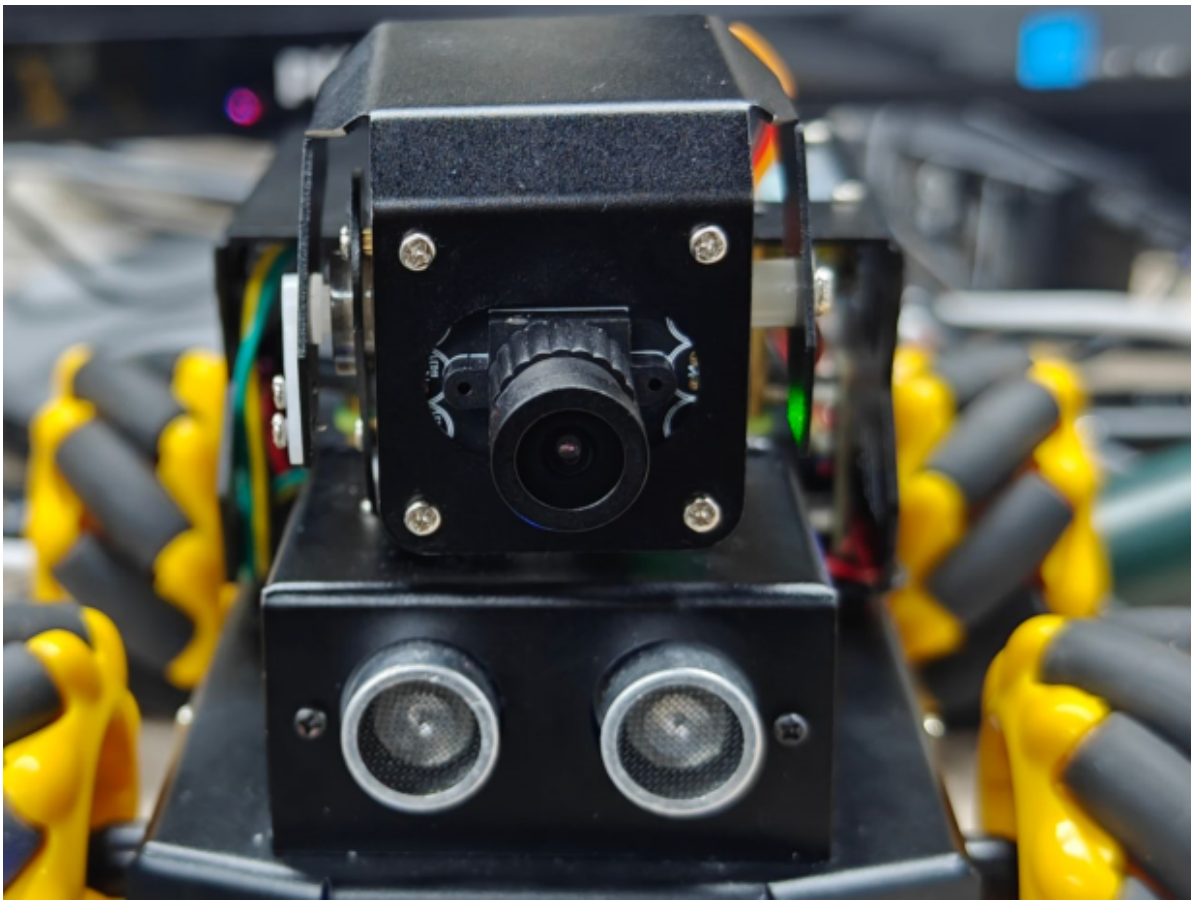
(2) Restart the power of the raspbotv2 car, that is, restart the system

(3) After confirming that the car has entered the system, the self-starting program will initialize the angle of the servo. After the servo rotates,

Note: After powering on, the servo has torque. Do not rotate the angle of the servo again!

(4) Install the vertical servo (upper servo) first, then install the horizontal servo (lower servo). After installation, the servo should be in this state.

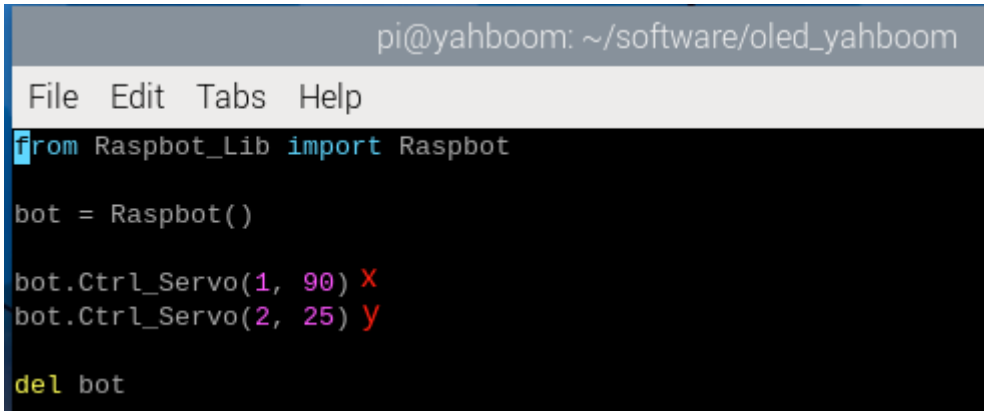




Note: Due to structural problems, the horizontal servo will have a gear position difference. It is normal for the servo not to be completely straight forward.

If the deviation is too large, you can modify this program to adjust the initialization servo angle.

```
pi@yahboom:~/software/oled_yahboom $ ls
MSYH.TTC      __pycache__  start.desktop  yahboom_oled.py
platech.ttf   reservo.py   start.sh
pi@yahboom:~/software/oled_yahboom $ vim reservo.py
pi@yahboom:~/software/oled_yahboom $
```




```
#Servo angle
1, x-axis 0~180 degrees
2, y-axis 0~110 degrees
```

This program will be started automatically every time the Raspberry Pi is turned on.