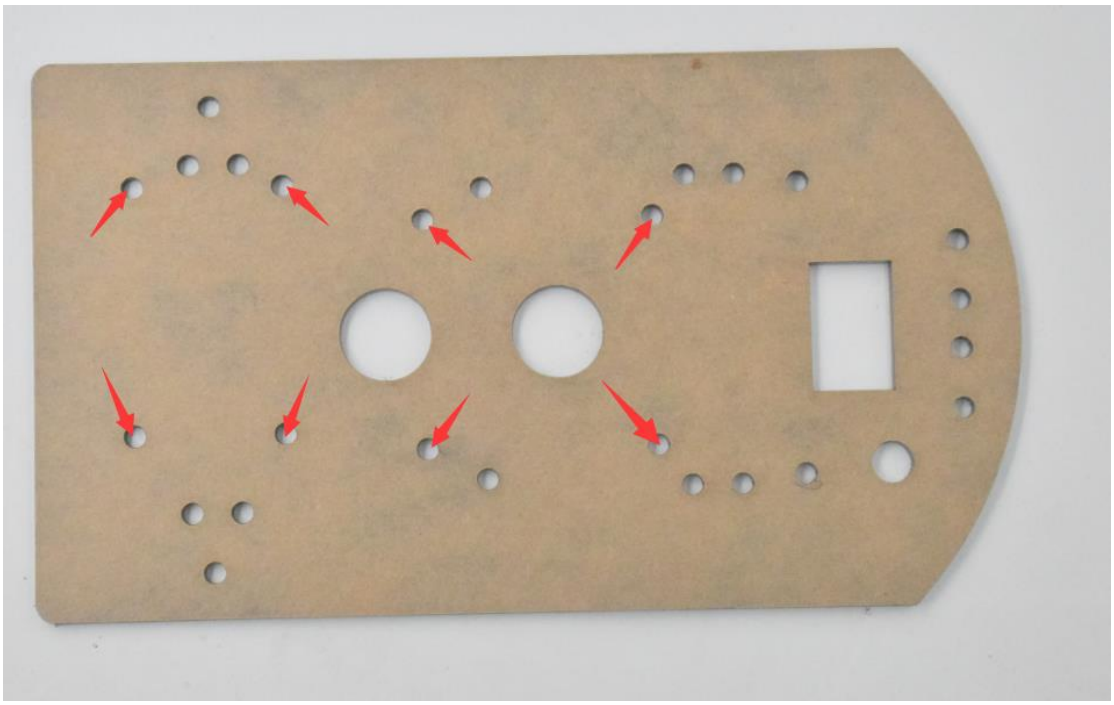
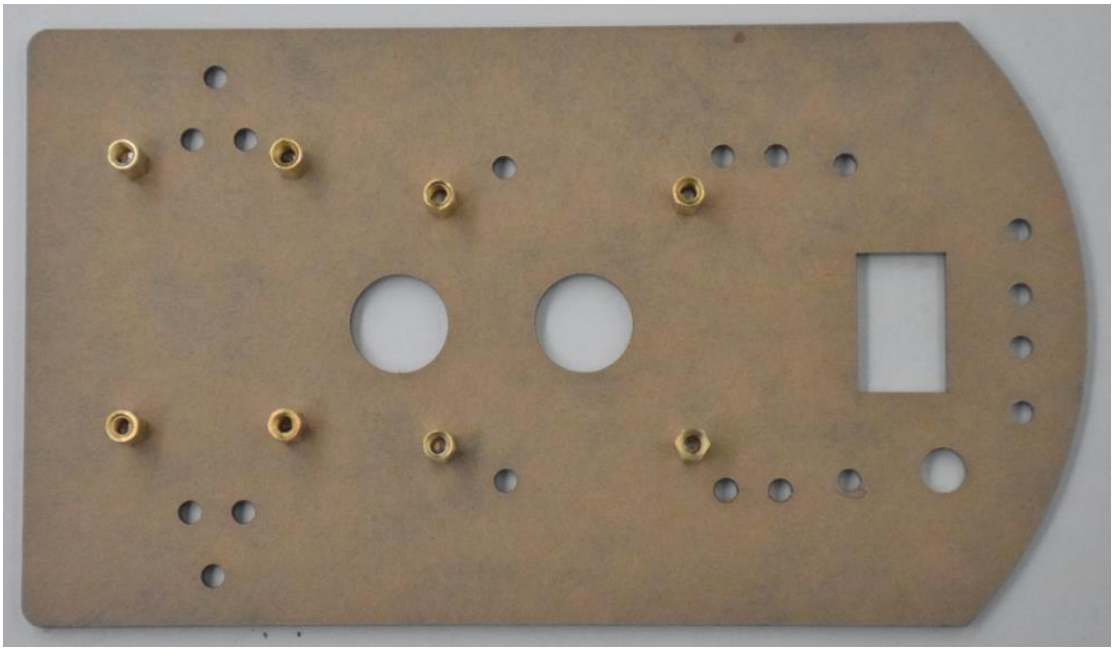
Assembly

1. Materials: car floor, 8 M3x10 copper columns, 8 M3X8 screws

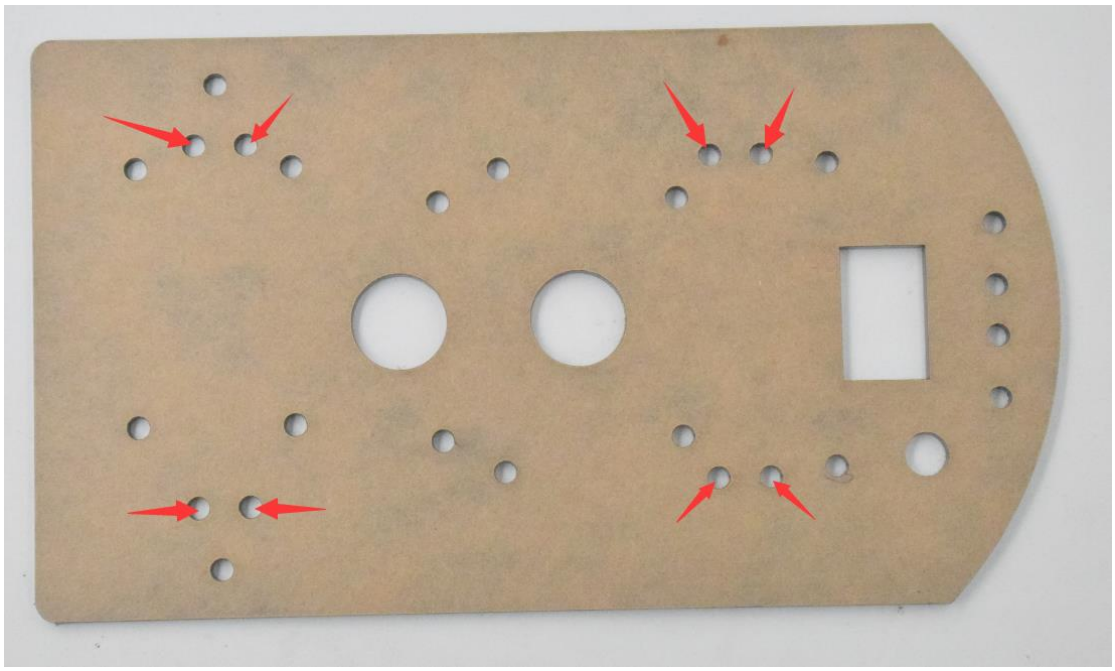


Use 8 copper bars and 8 screws to fix it to the position shown above.

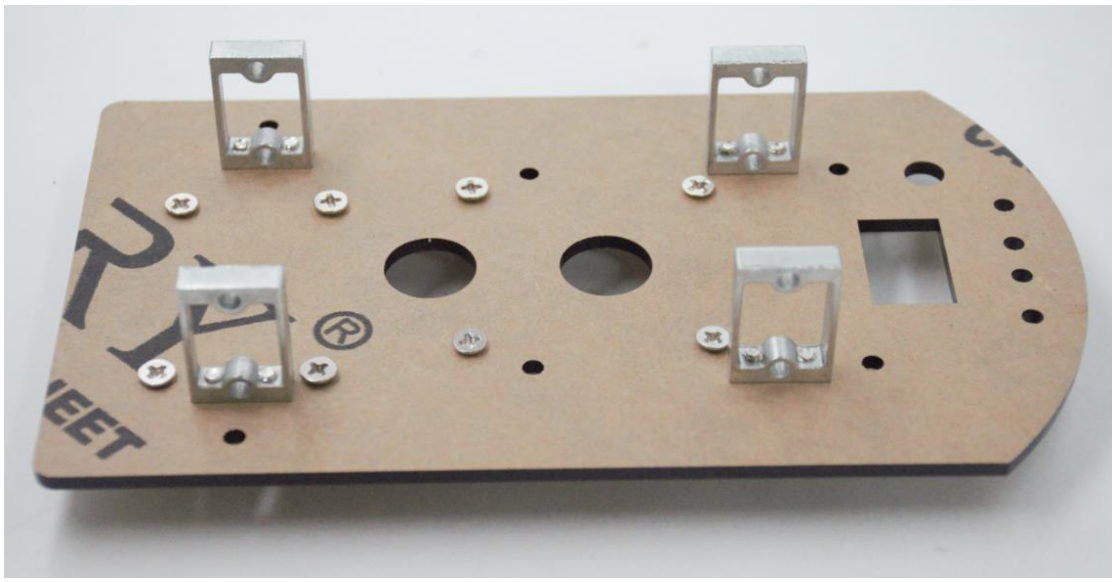


After the installation is completed, the physical drawing is as shown above.

2. Material: Motor Bracket X 4, M3X8 Screw 8

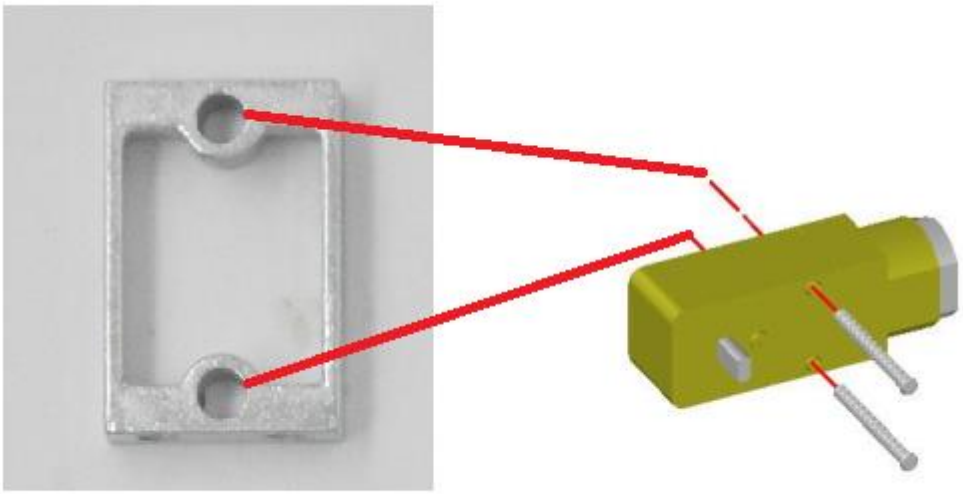


Use screws to secure the 4 motor brackets, as shown above.

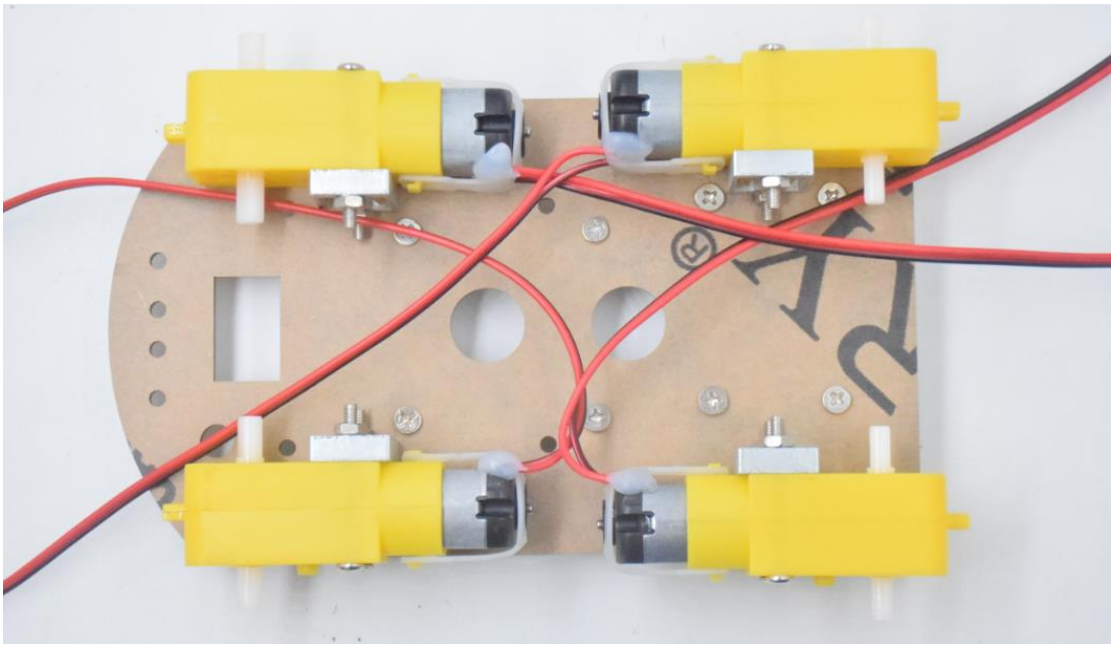


The effect after installation is as shown above.

3. Materials: Motor X 4, M3X 30 Screw 8, m3 nut 8

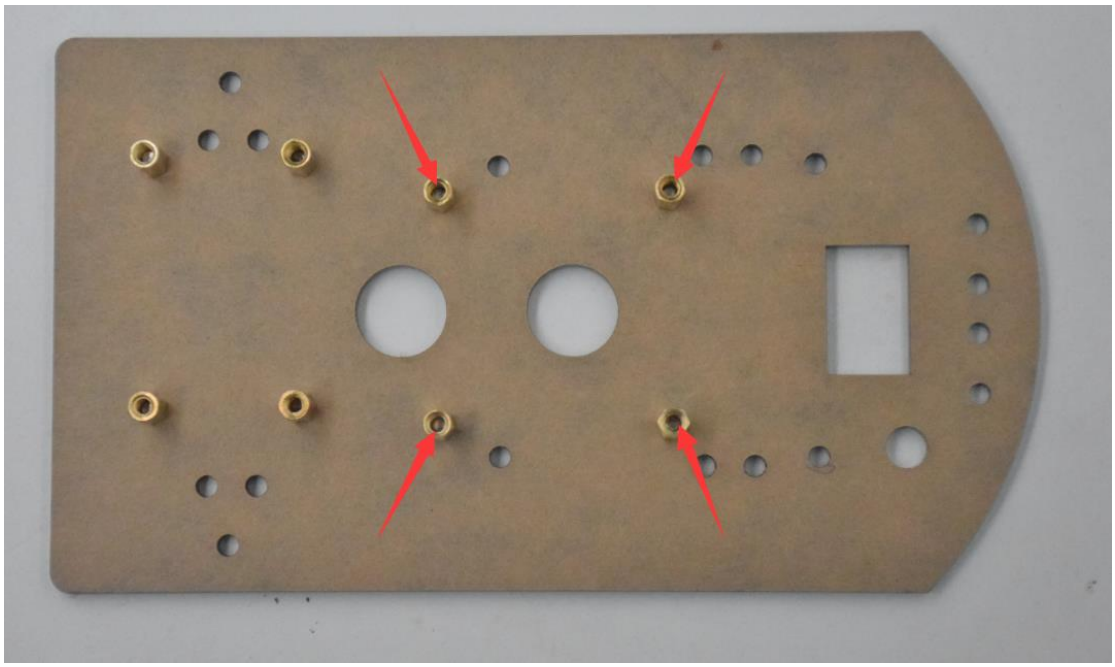


As shown above: use M3X30 screws to fix the motor to the motor bracket, then use the nut to tighten, when the motor is installed, pay attention to the electric melt glue part towards the red line of the internal motor upward, then the four motors are in turn fixed to the motor bracket.

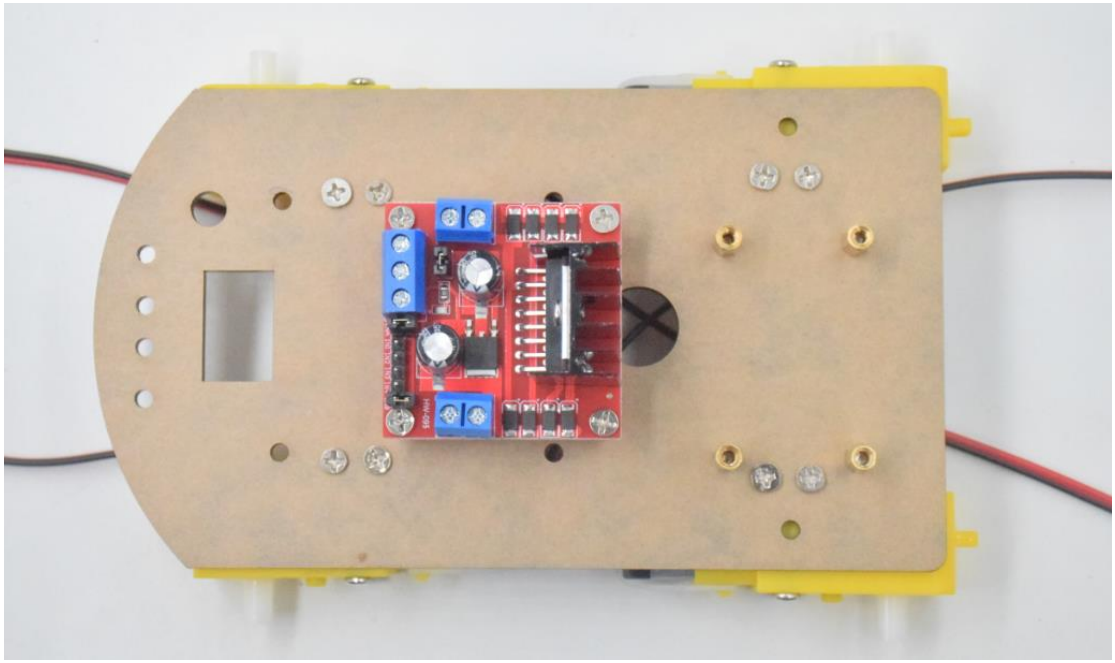


After installation as shown above.

4. Materials: Motor Drive Board, 4 M3X8 flat head screws

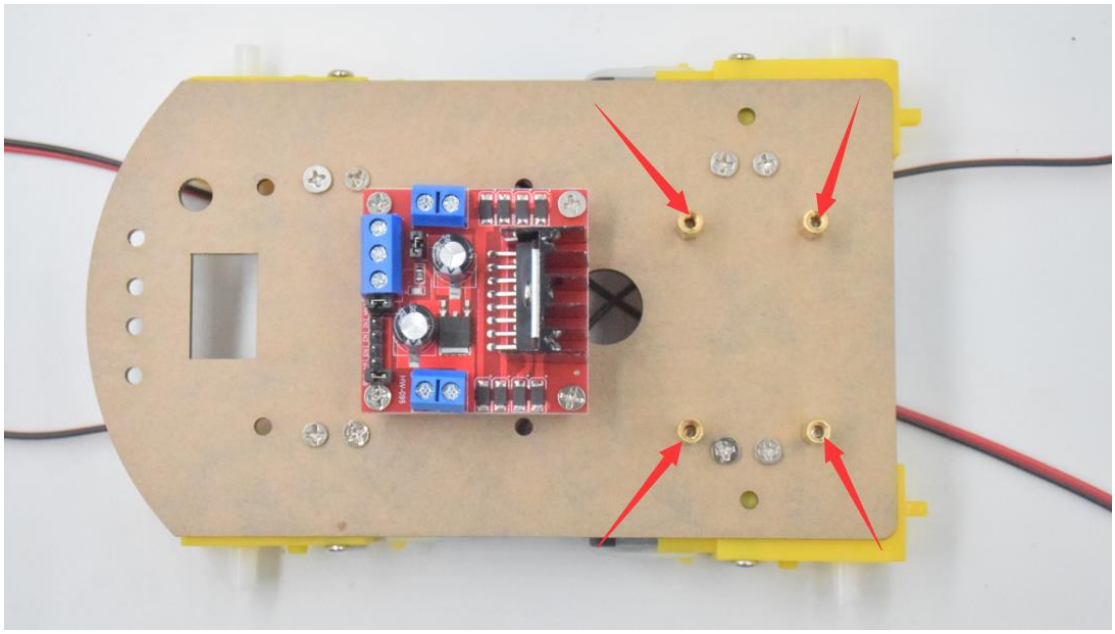


According to the above figure to find the corresponding 4 copper column position, the motor drive board with M3X8 screws fixed to the copper column.

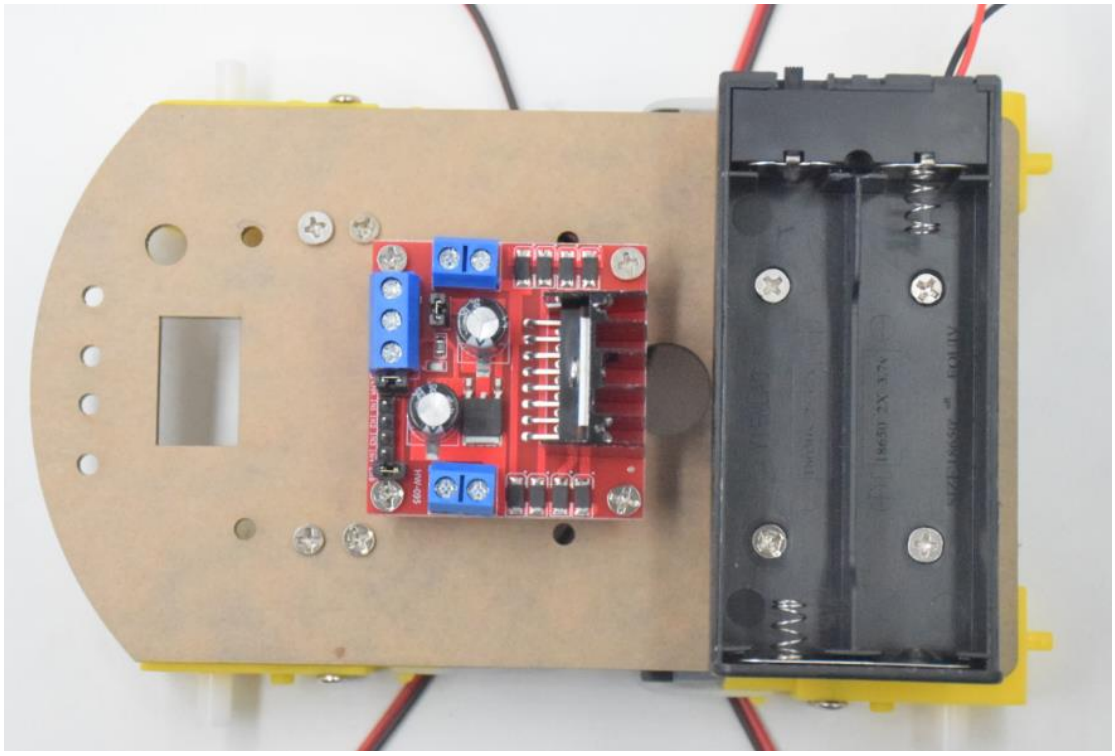


Note the direction of the motor driver board in the figure, after installation as shown above.

5. Materials: Battery Box X 1, M3X8 flat head screws 4

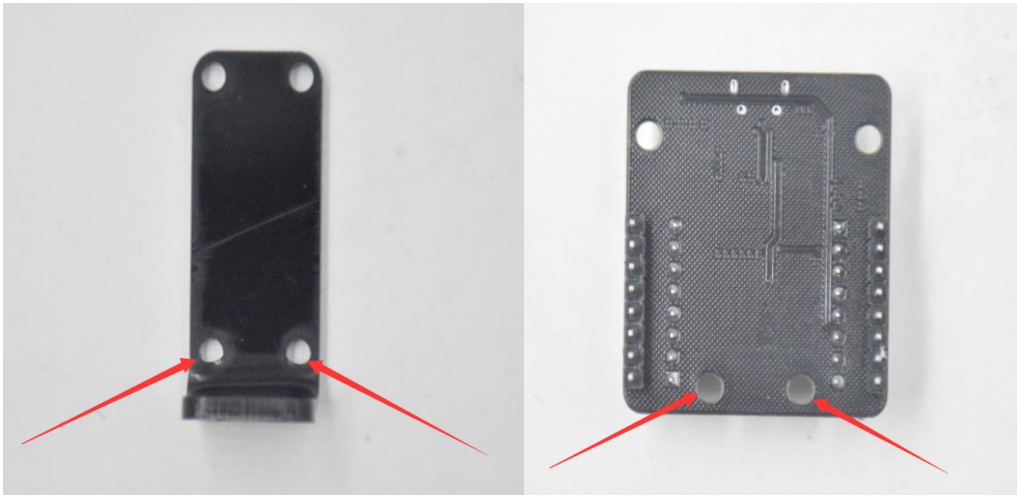


Find the 4 copper cylinder holes of the battery case as shown above, then open the cover of the battery case and fix the battery case with the M3X8 flat head screw. Note that the switch part of the battery case is facing up.

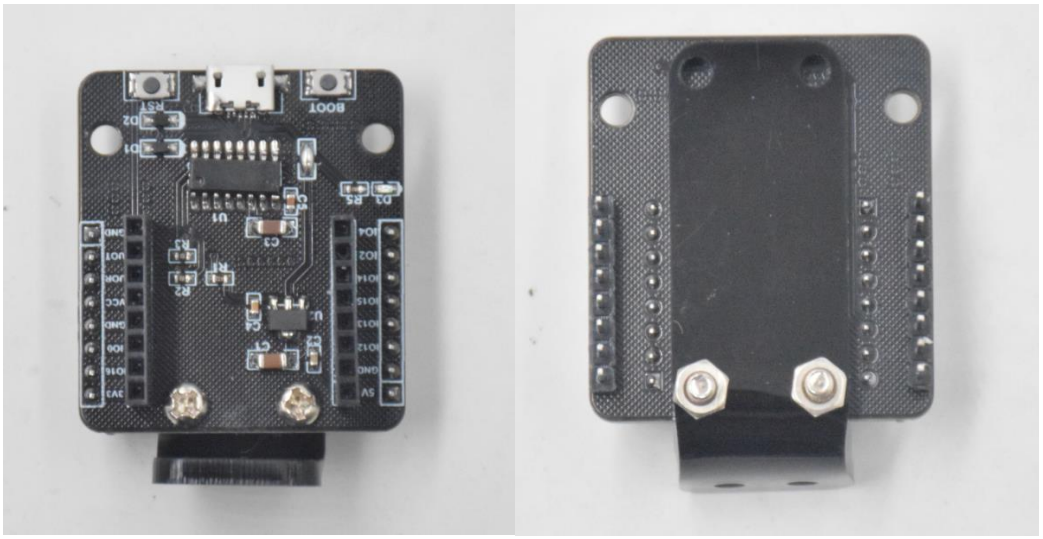


After installation as shown above.

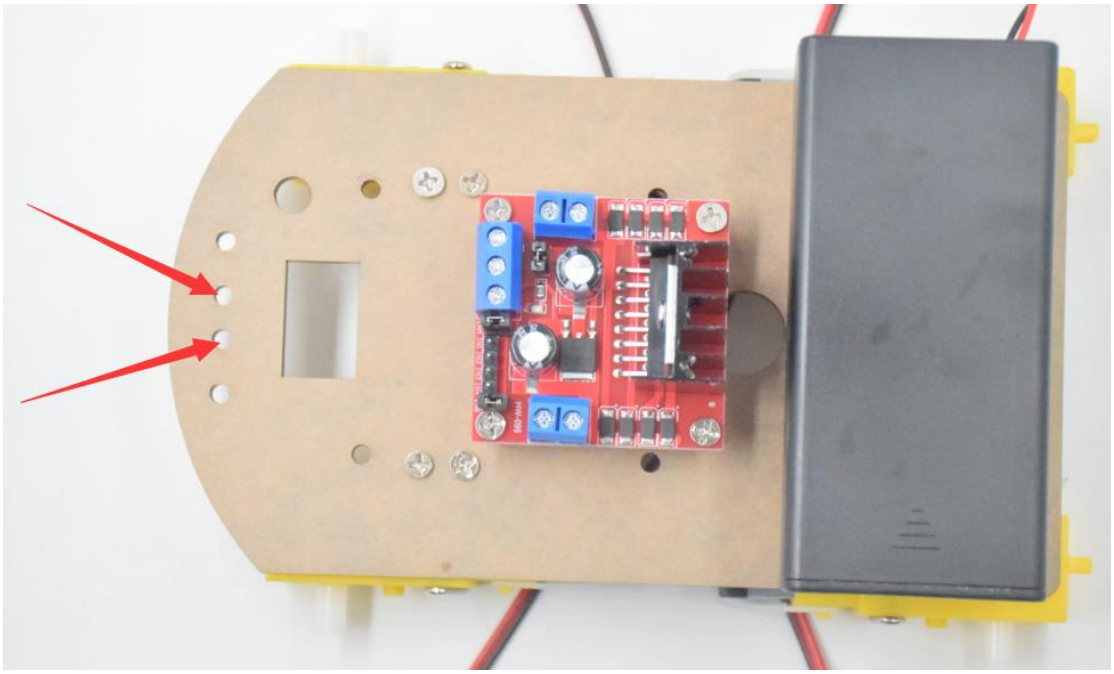
6. Materials: Vertical Shelf X 1, M3X10 round head screws 4, ESP32 development board, ESP32-cam, M3 Nuts 4



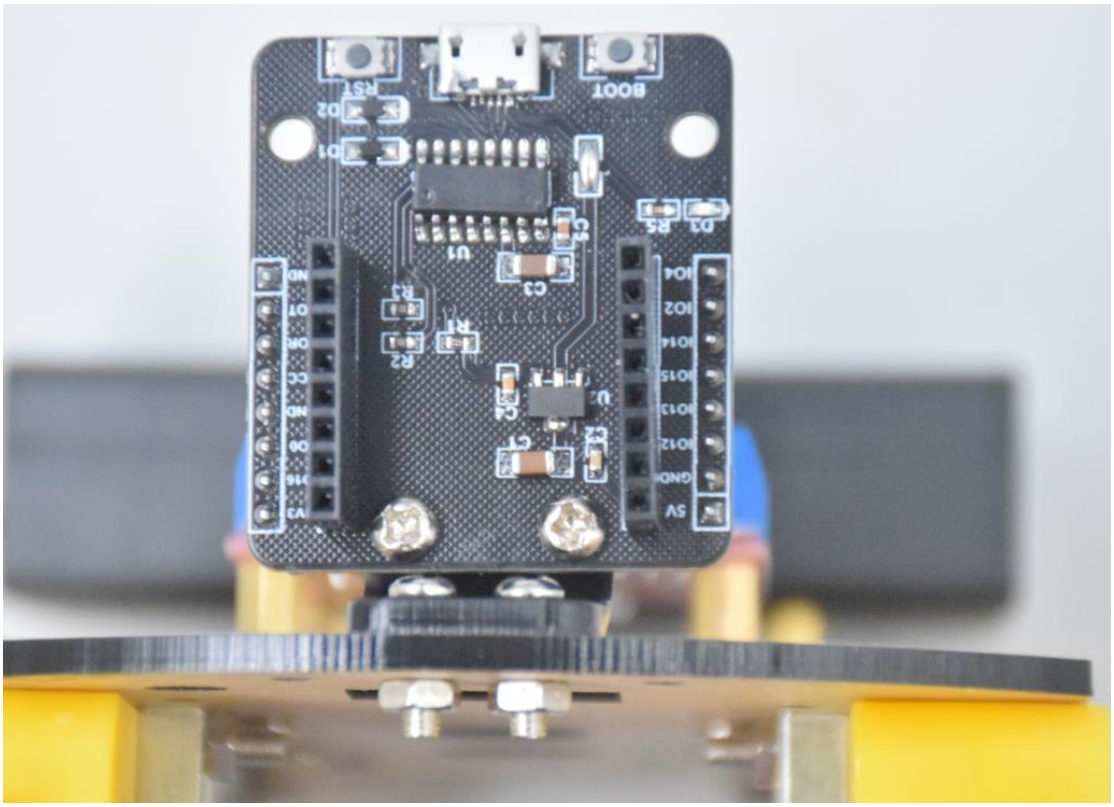
Locate the holes as shown above and use the M3X10 round head screw to secure the stand to the ESP32 Development Board.



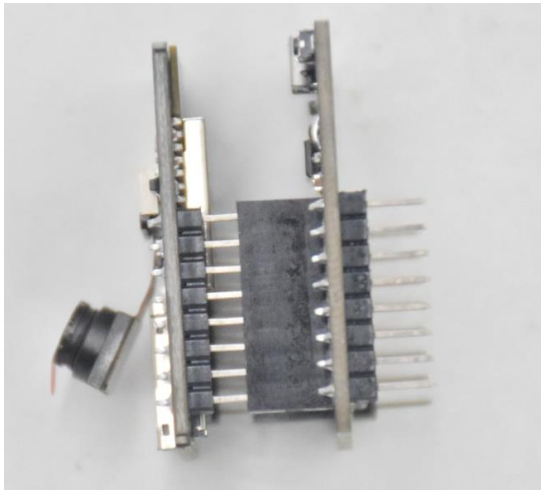
After the assembly, as shown above.

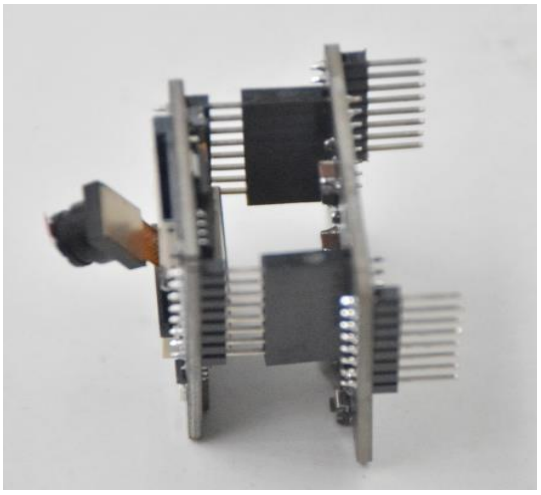


Use M3x10 round head screw to install the front assembled vertical bracket on the car bottom plate.

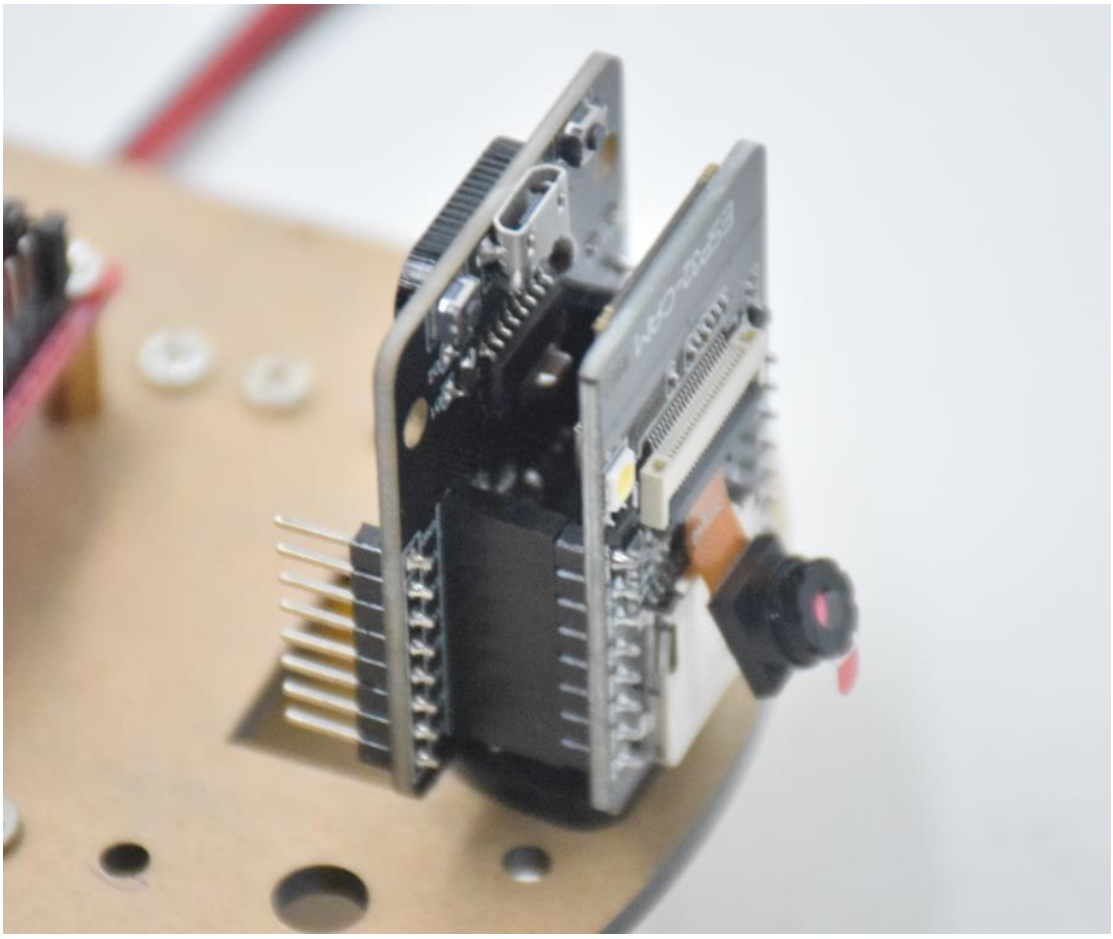


After installation as shown above.





The ESP32 development board and ESP32-cam in accordance with the above map docking mode docking together



After the docking as shown above.

7. Material: Tire X 4

Install 4 tires on the car motor, pay attention to the tire flatness corresponding to the motor flatness, the two corresponding to the installation, after installation as shown in the following diagram.