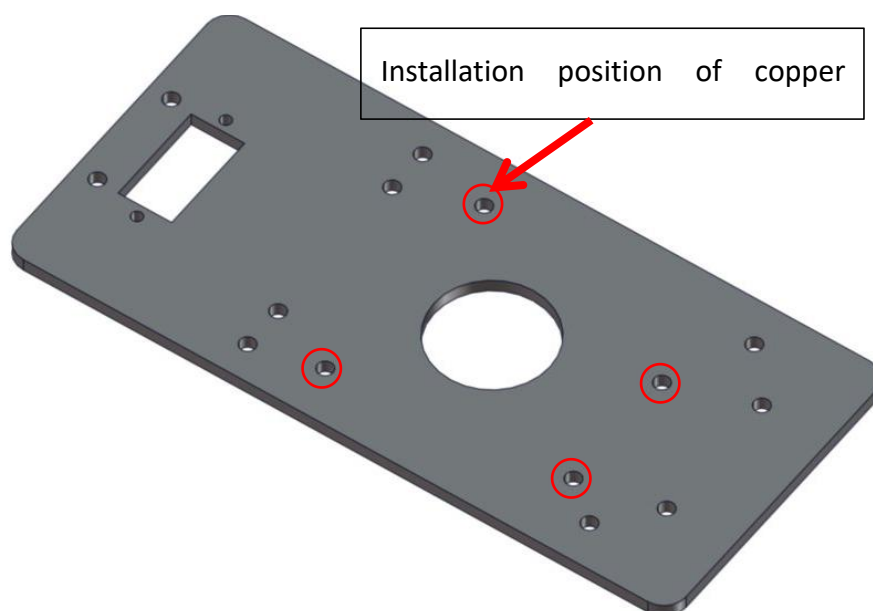
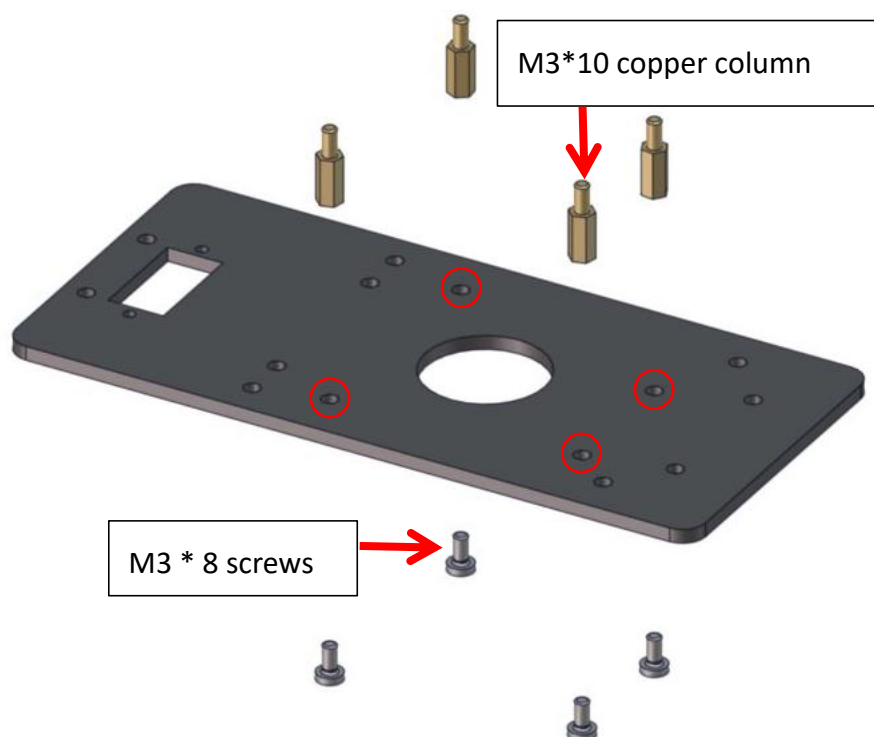


Assemble tutorial

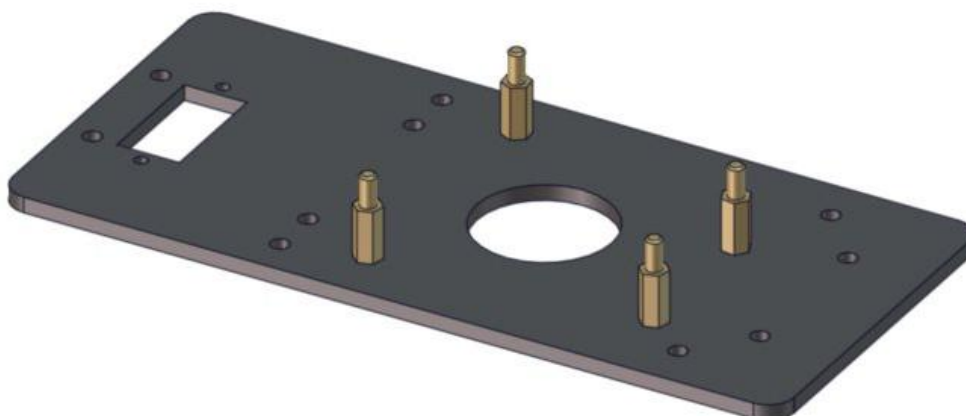
1. Distinguish the direction of the acrylic car chassis. This side of the rectangular gap is installed with the servo motor, which is represented as the front.



2. Install the M3*8 copper column on the chassis of the acrylic car. These four copper columns are used to fix the main board of UNO and lock the copper column through the screws of M3.

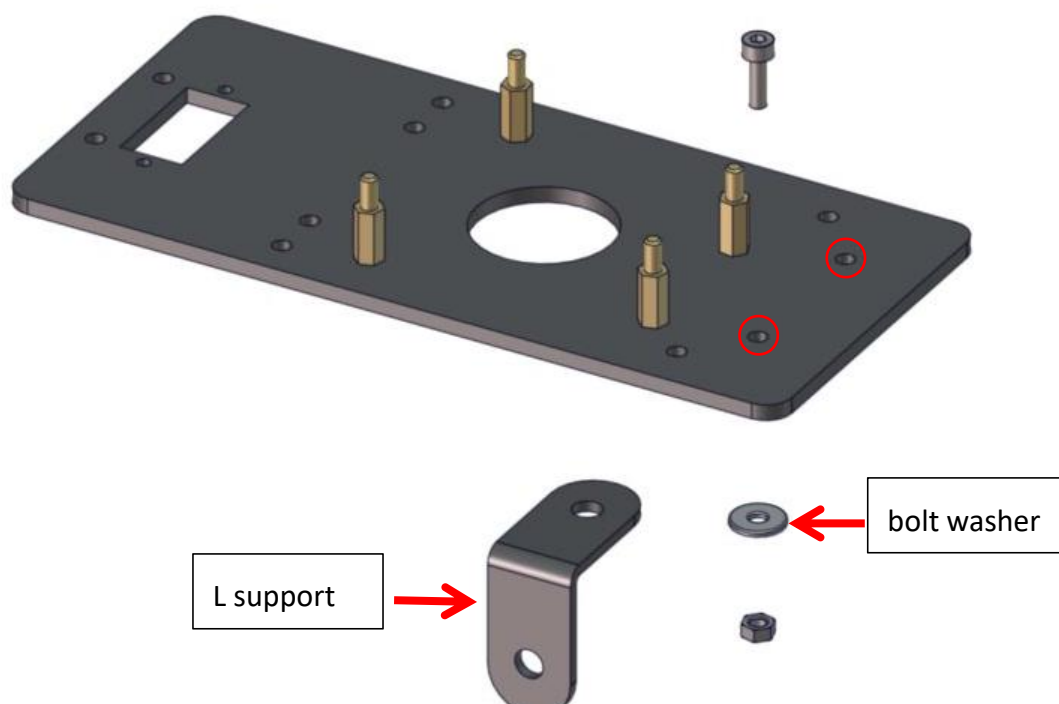


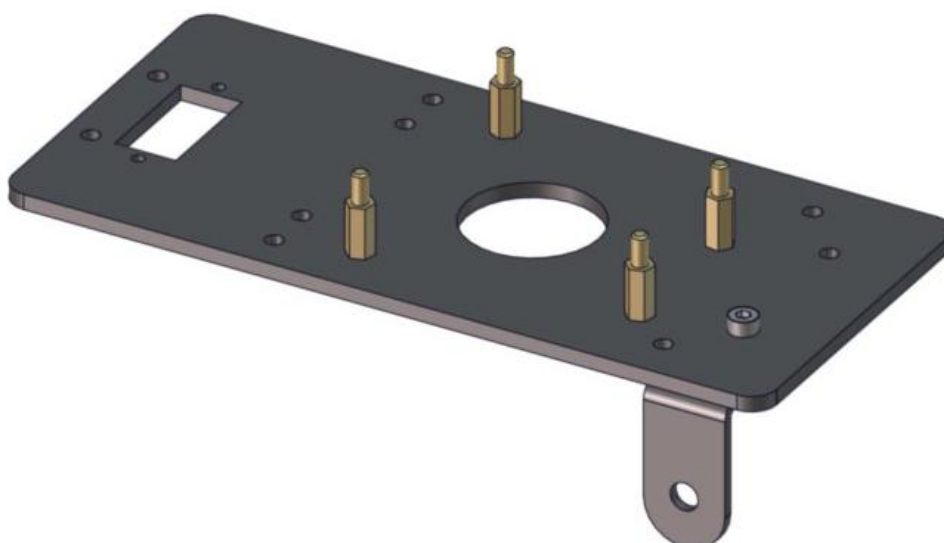
The motherboard retaining copper columns have been installed.



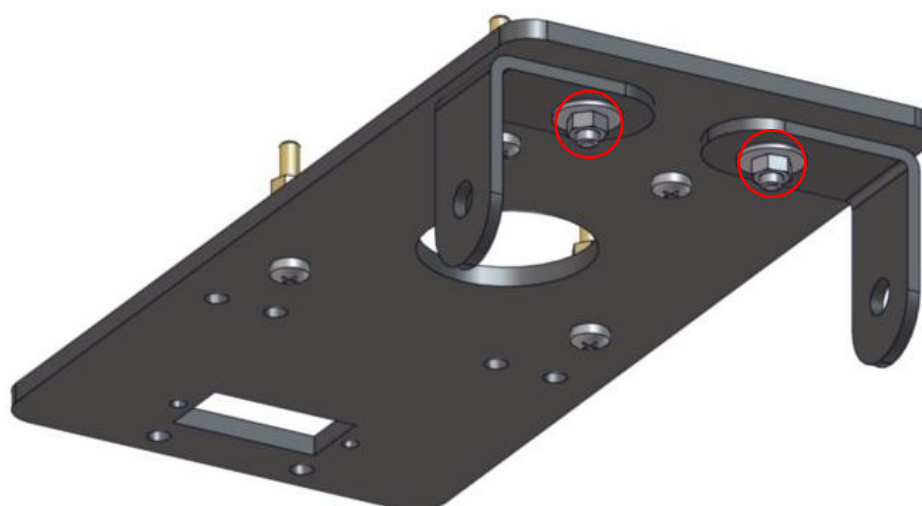
3. Install the wheel fixing bracket, required materials, L-shaped aluminum alloy bracket, M3 screws, M3 nuts and screw gaskets.

The bracket should be parallel to the acrylic plate, otherwise the mounting wheels will be unbalanced.

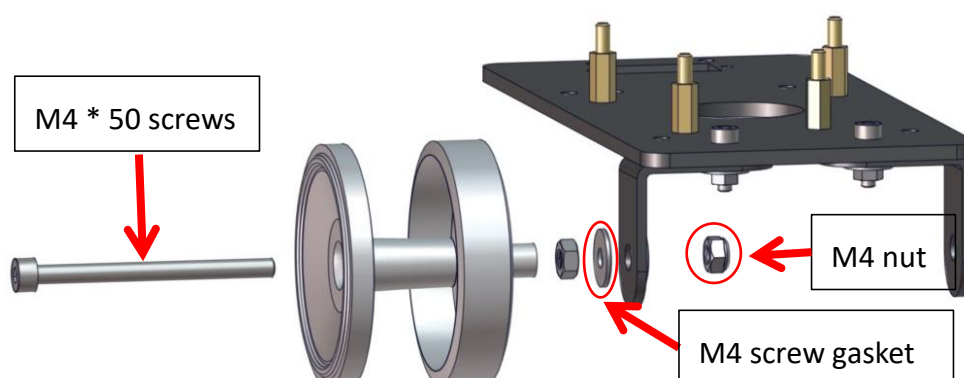




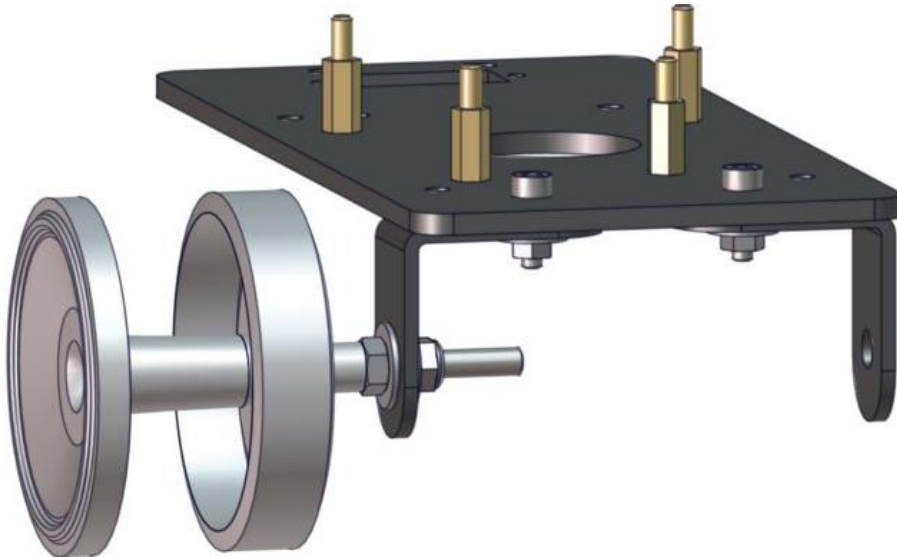
The screw gasket is installed at the bottom and then locked with screws.



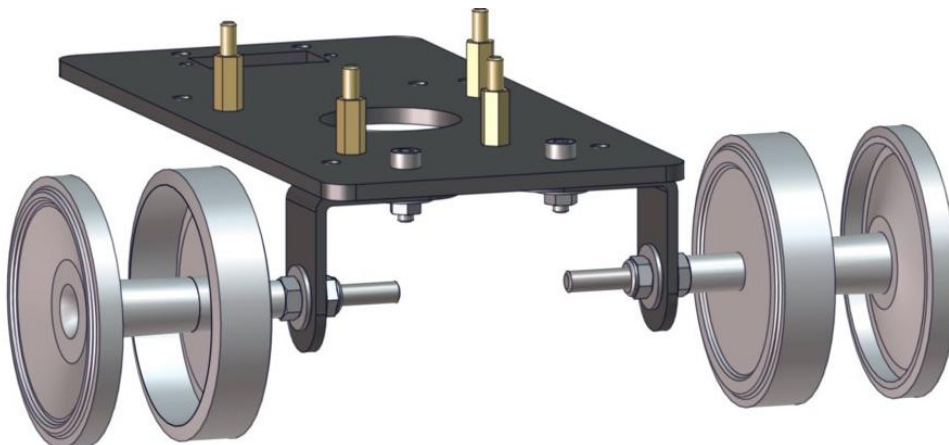
4. Install the load-bearing wheel on the aluminum alloy bracket, pass a screw through the middle of the wheel, and then use the screw to lock.



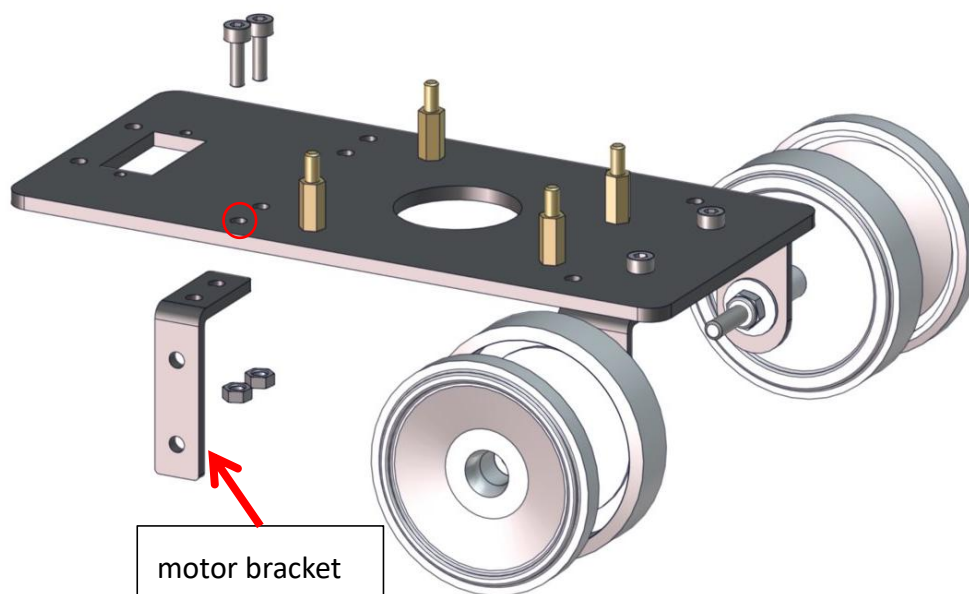
The first bearing wheel has been installed.



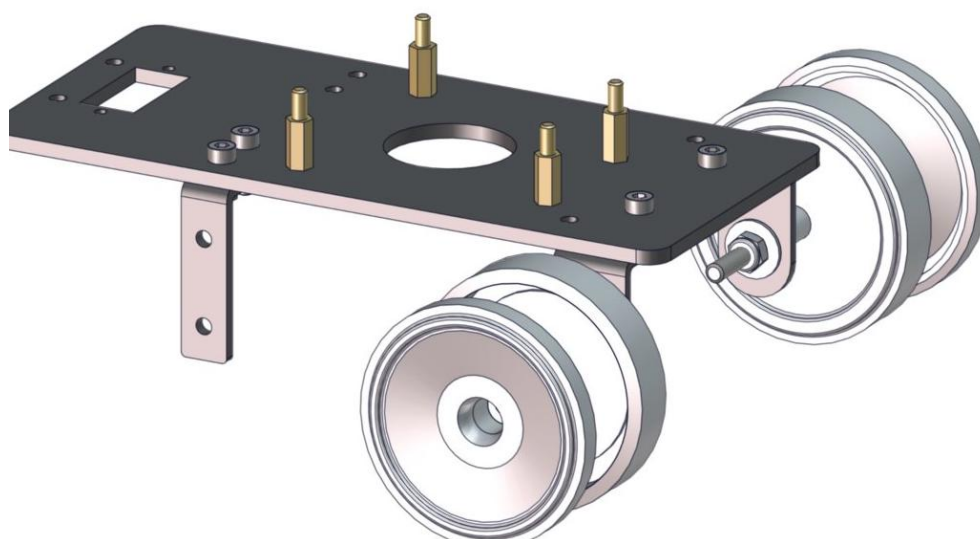
Next, install the second bearing wheel.



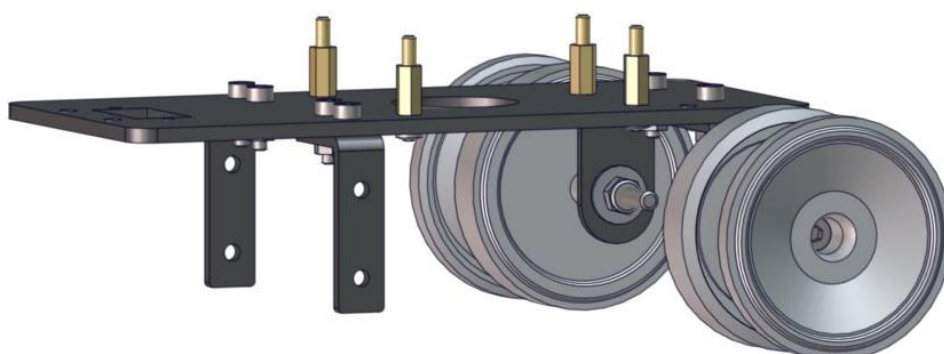
5. Install first motor bracket.



The bracket and the trolley chassis are fixed by screws and nuts.

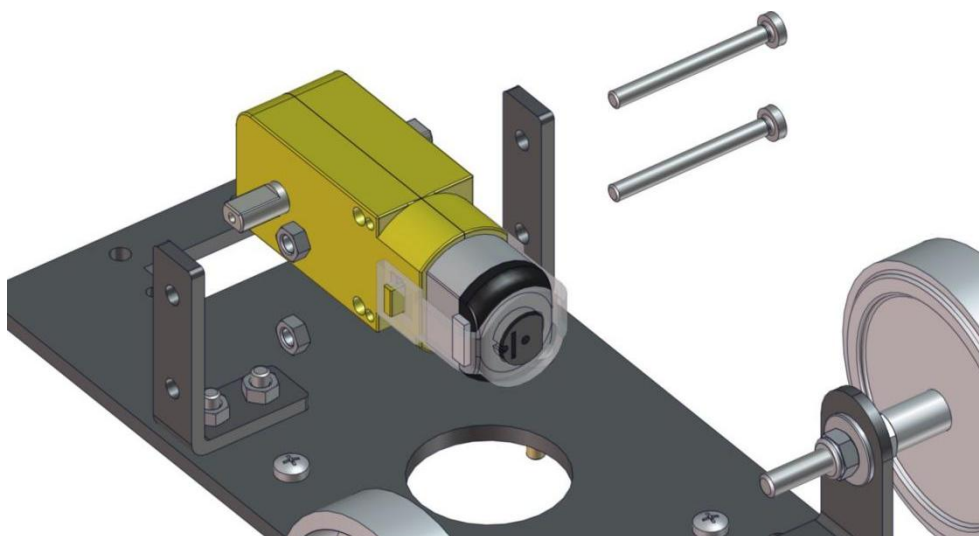


Install the second motor mounting bracket.

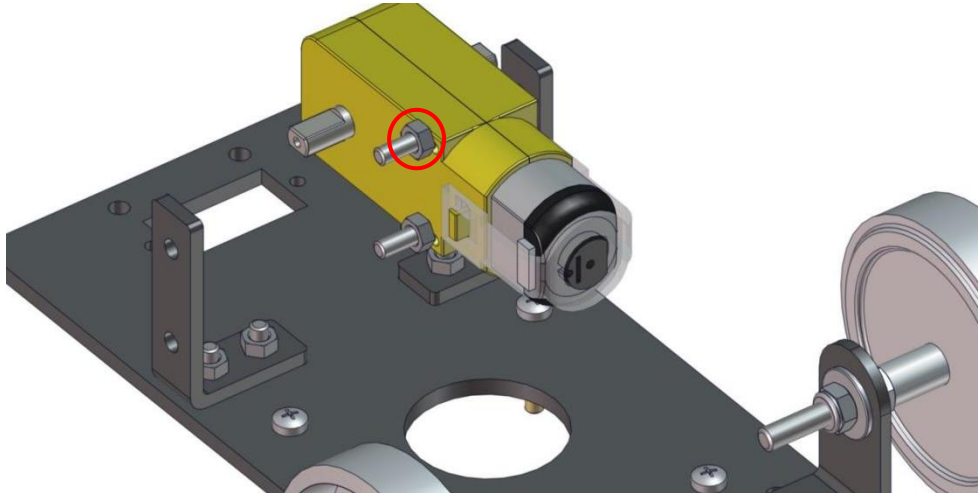


6. Install DC reducer motor, M3*30 screws through the motor fixing bracket and

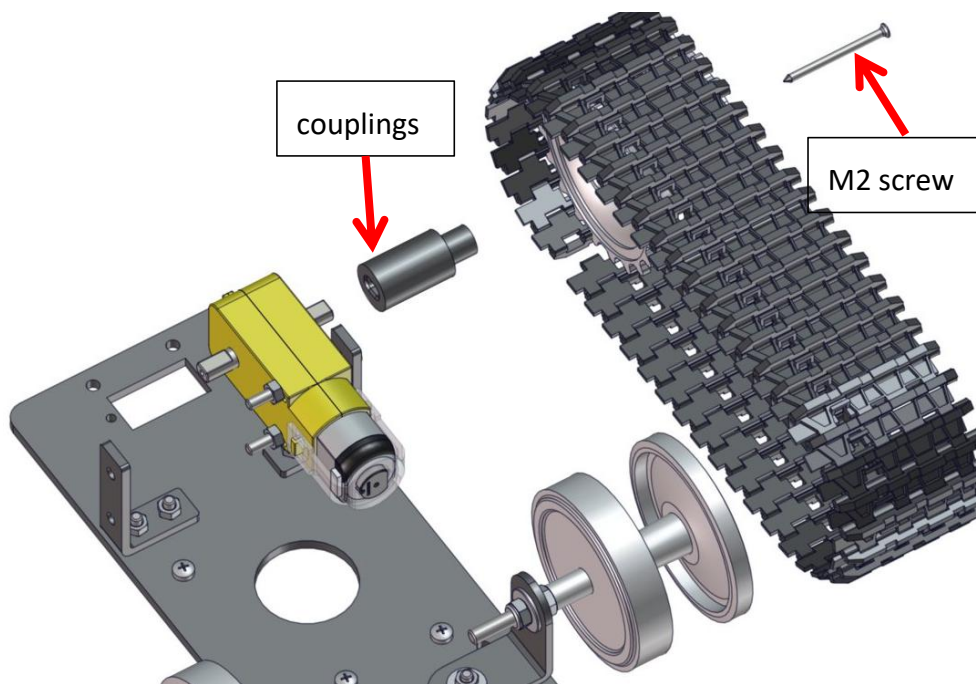
motor.

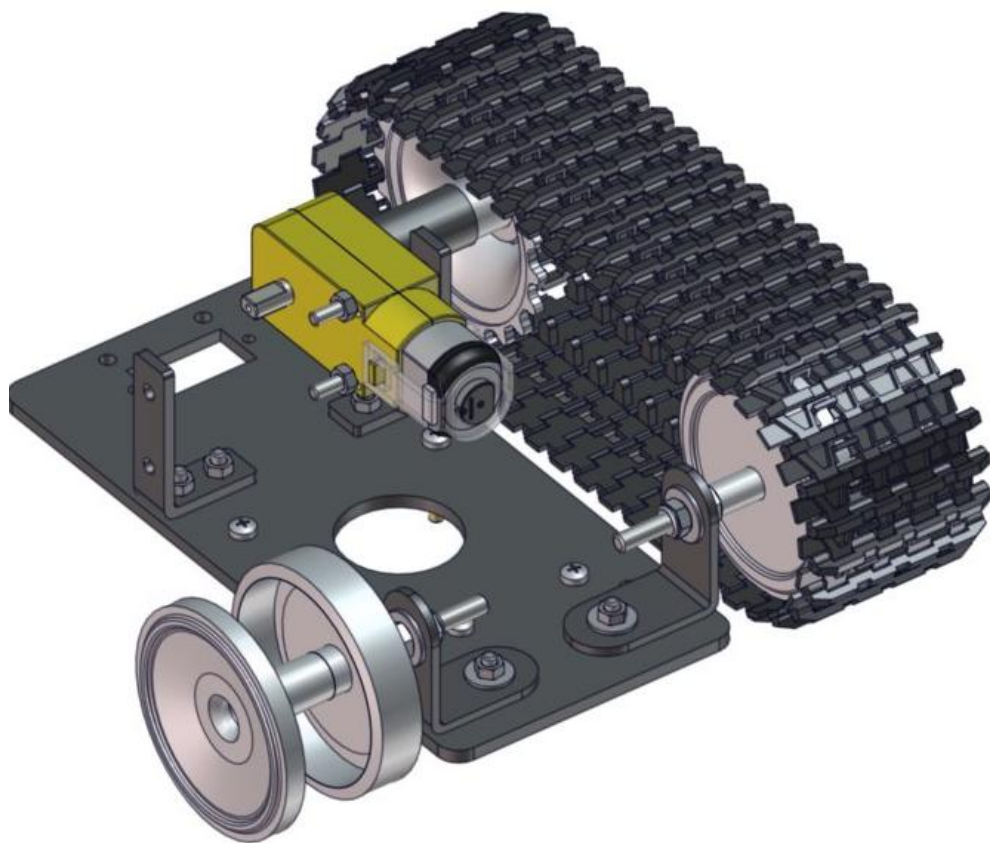


Then it's locked through the nut.

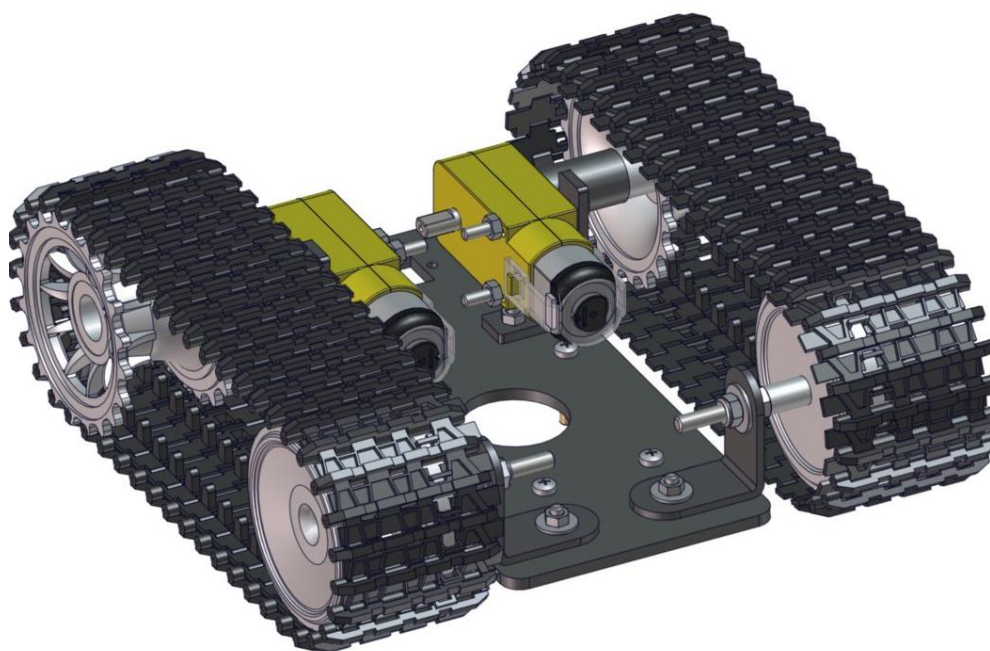


7. Install the track, attach the coupling to the motor shaft, then put the wheel into the track, then put the track into another wheel and insert a screw to secure it.



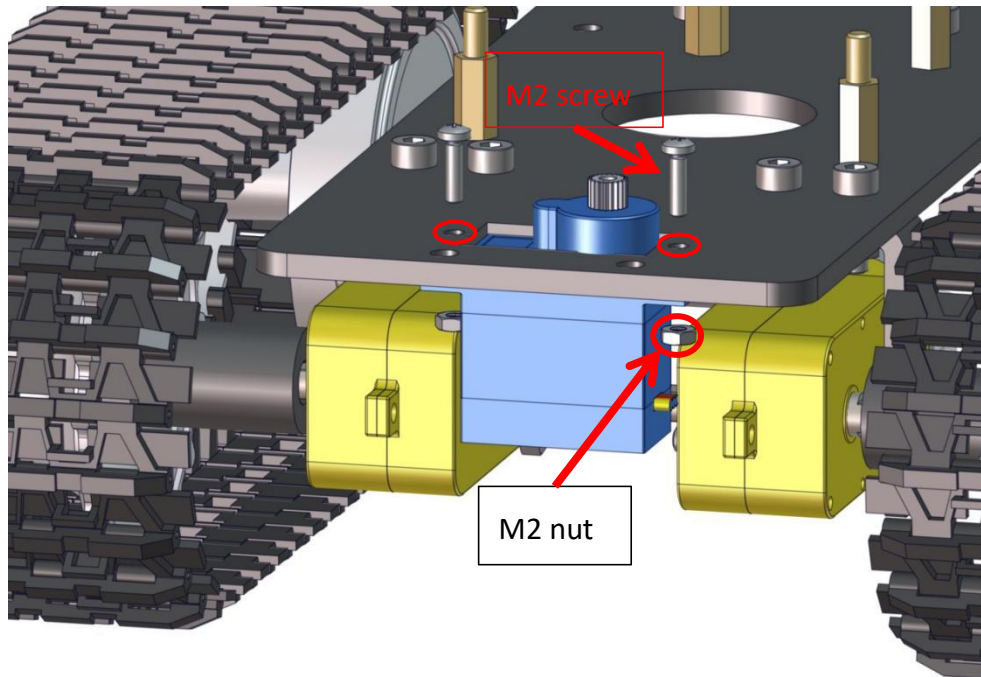


Then install another motor and track.

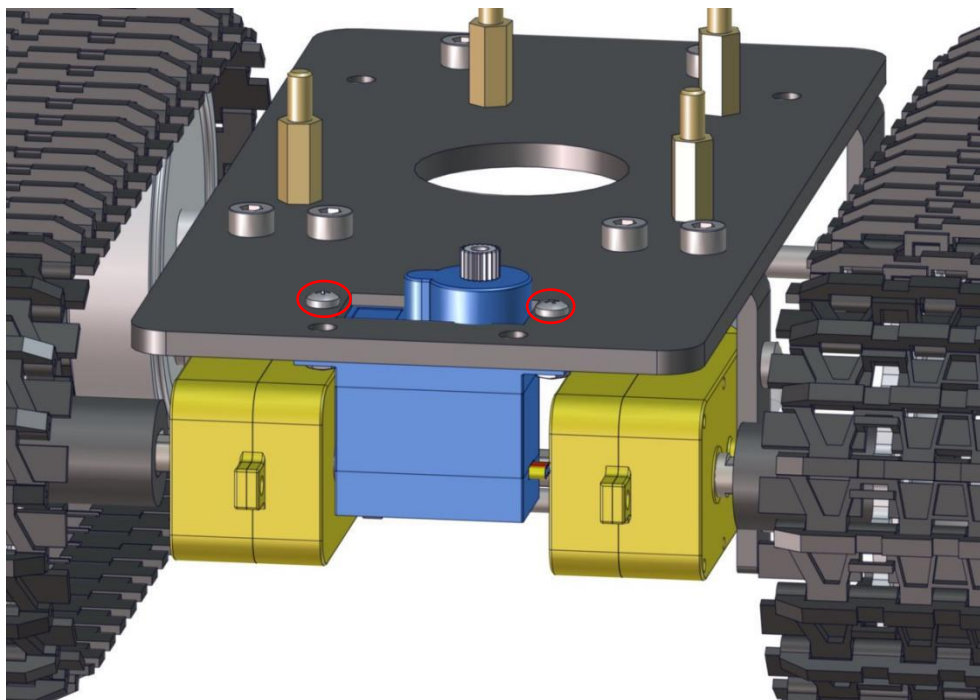


8. Install servo motor.

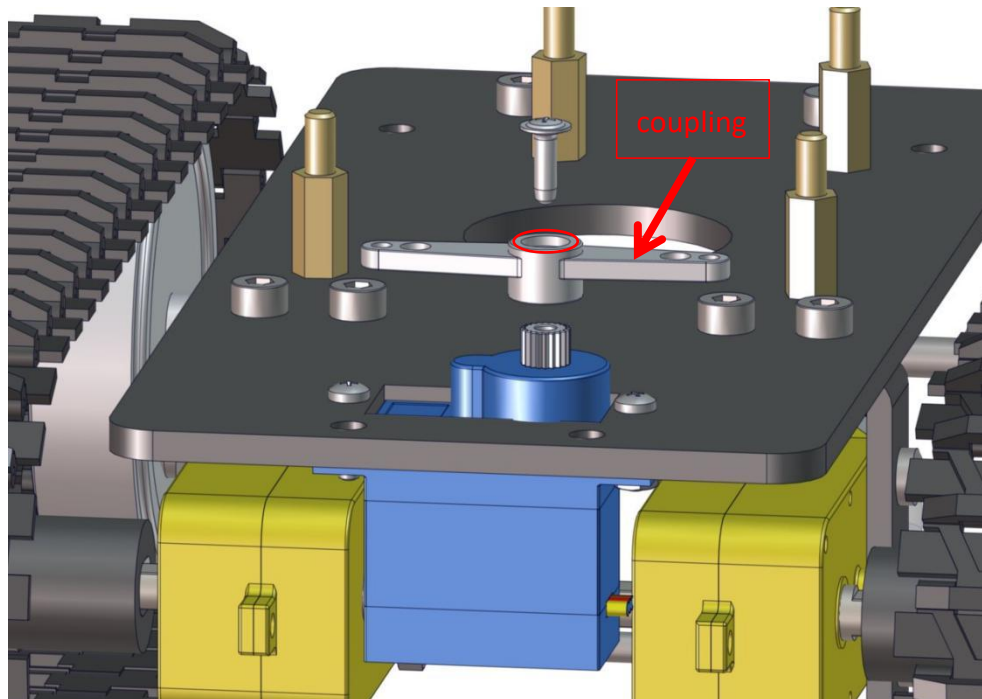
Install the servo motor in the rectangular groove of the head and install two screws from the top.



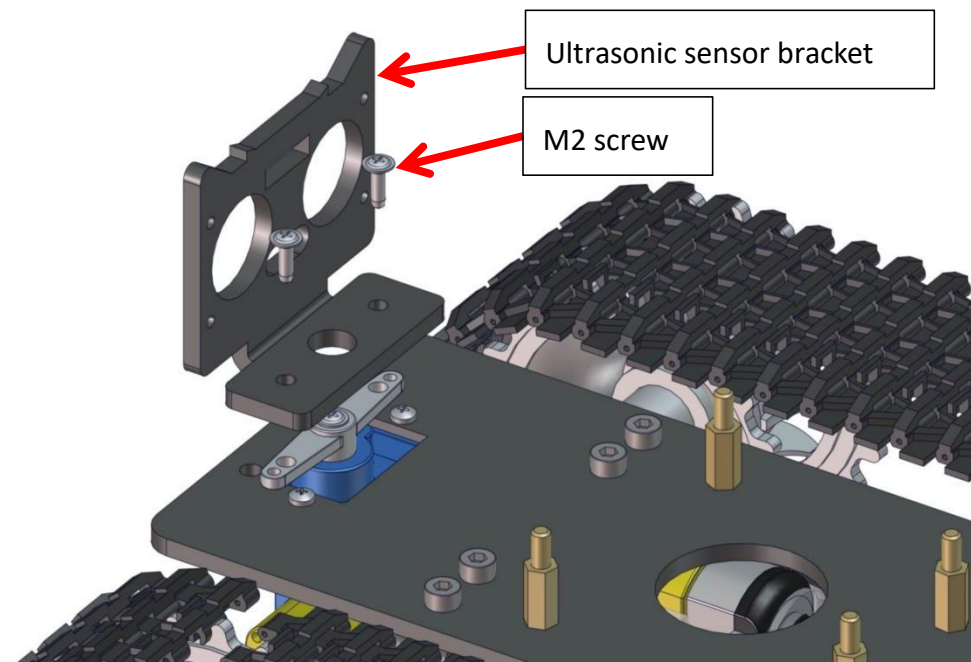
Screw already installed



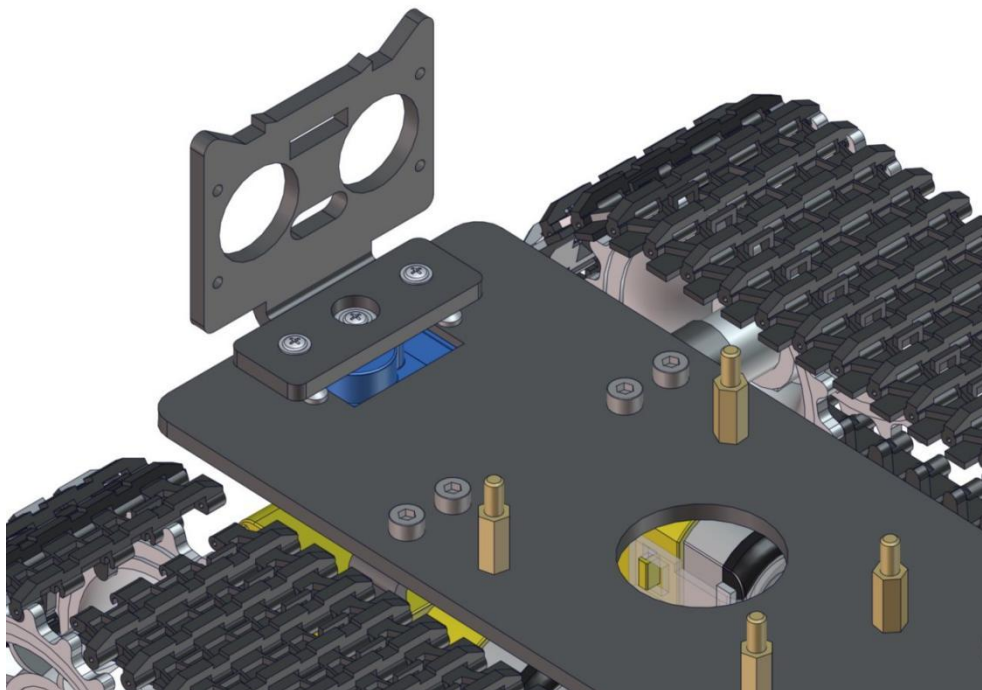
Install the steering gear coupling. Install a screw in the coupling to secure it.



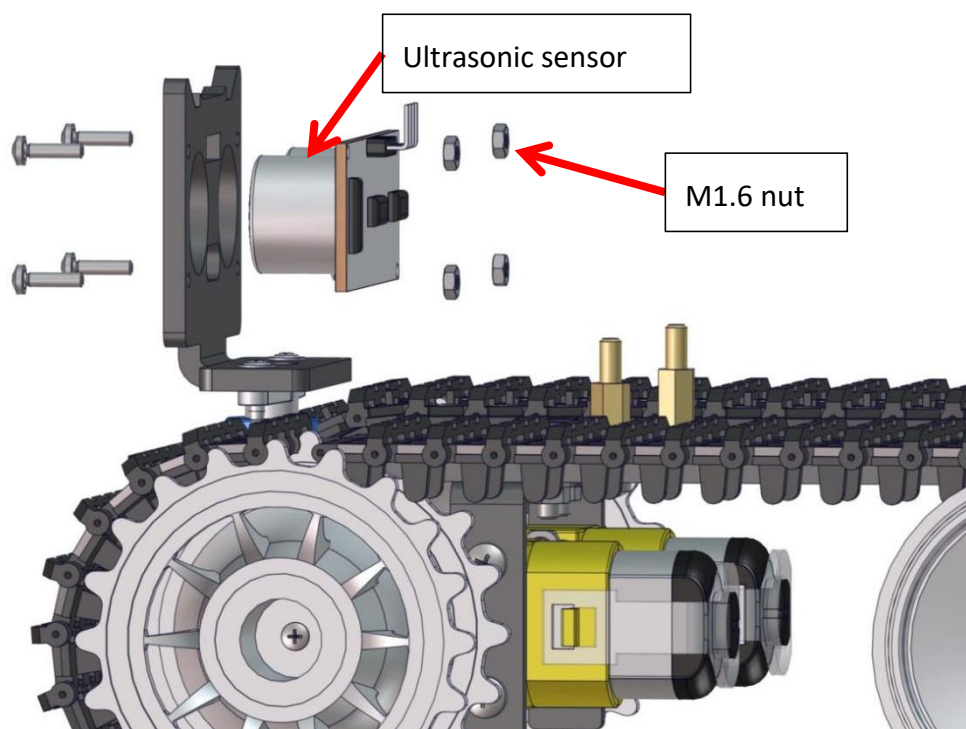
Then the ultrasonic sensor bracket is installed on the steering gear coupling.

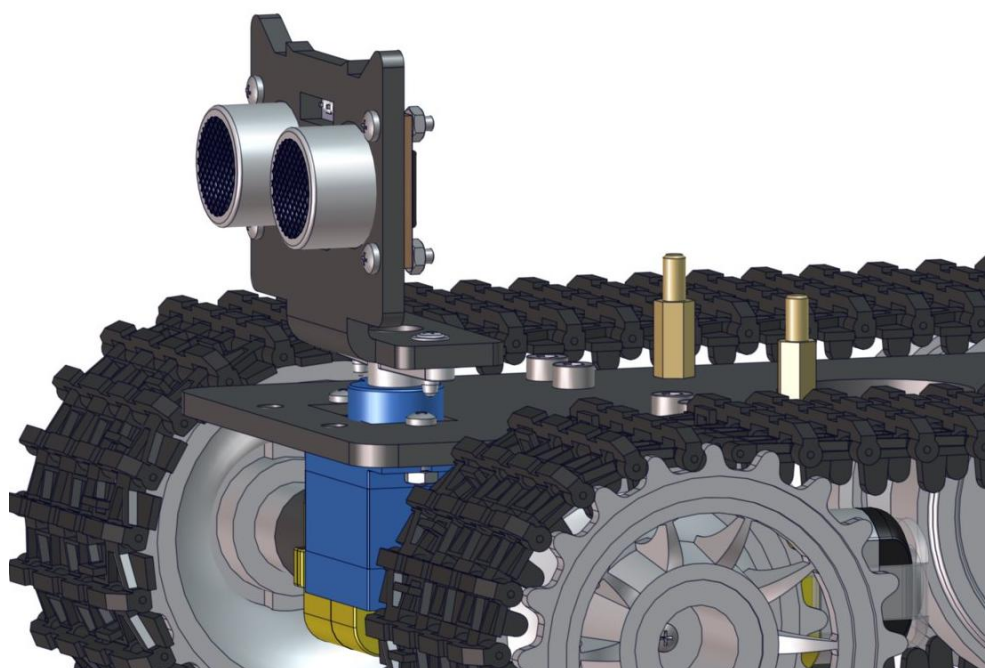


Fasten with screws.

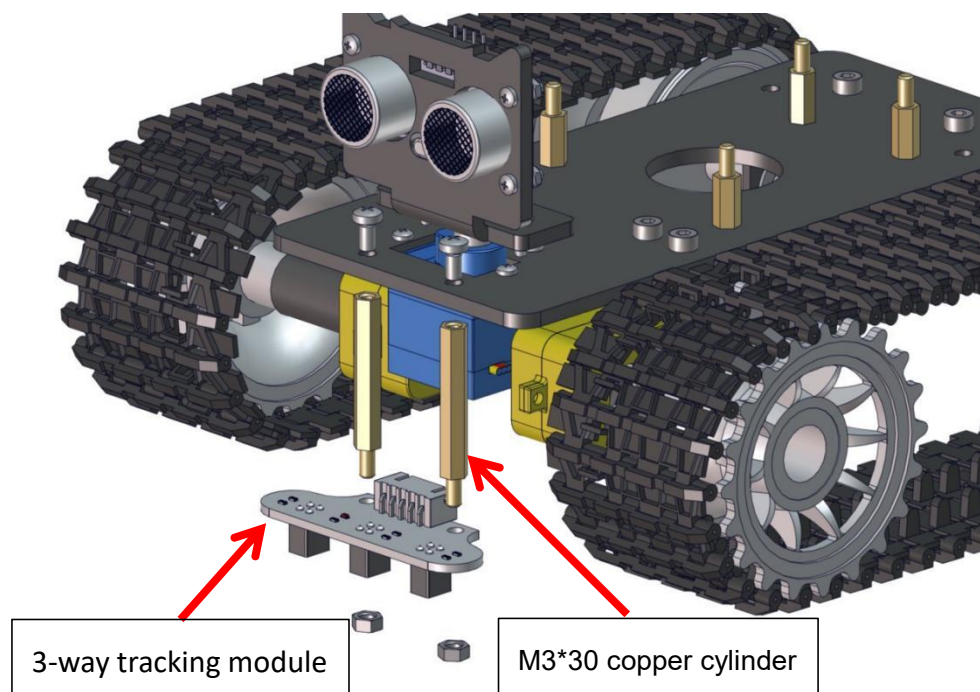


9. Install the ultrasonic sensor to the cat head bracket, pay attention to the direction of installation, and then fix the 4 screws.

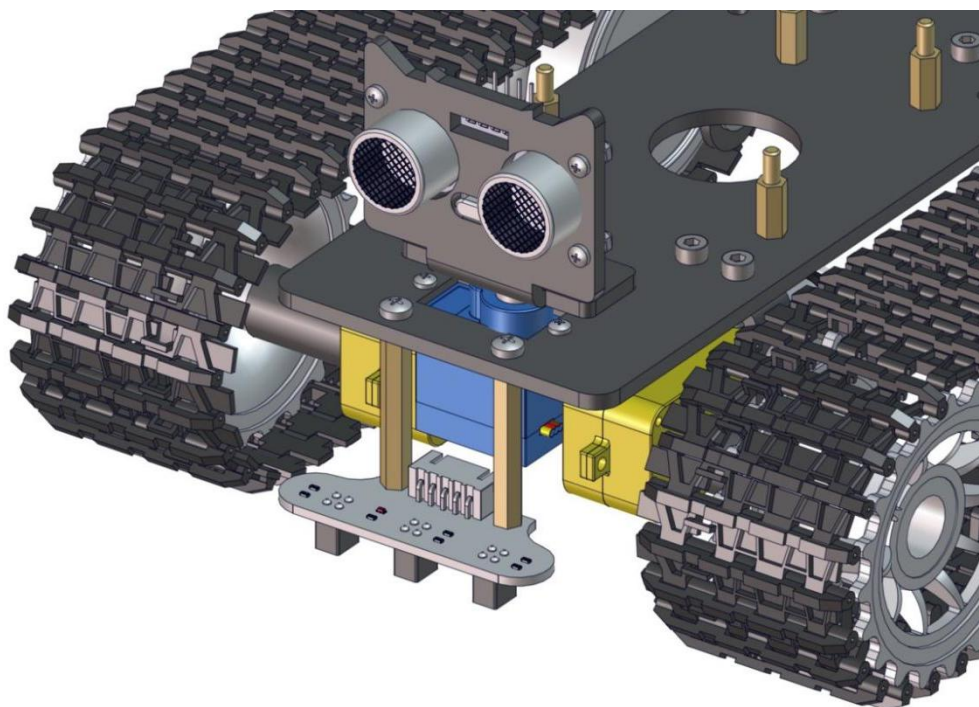




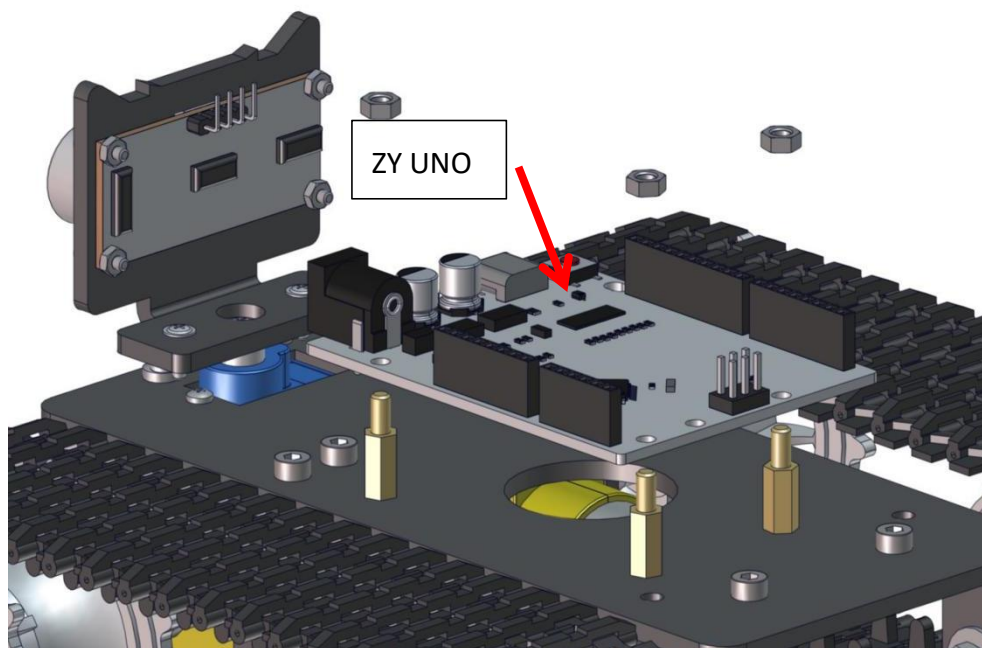
10. Install the three-way tracking module to fix the copper column.



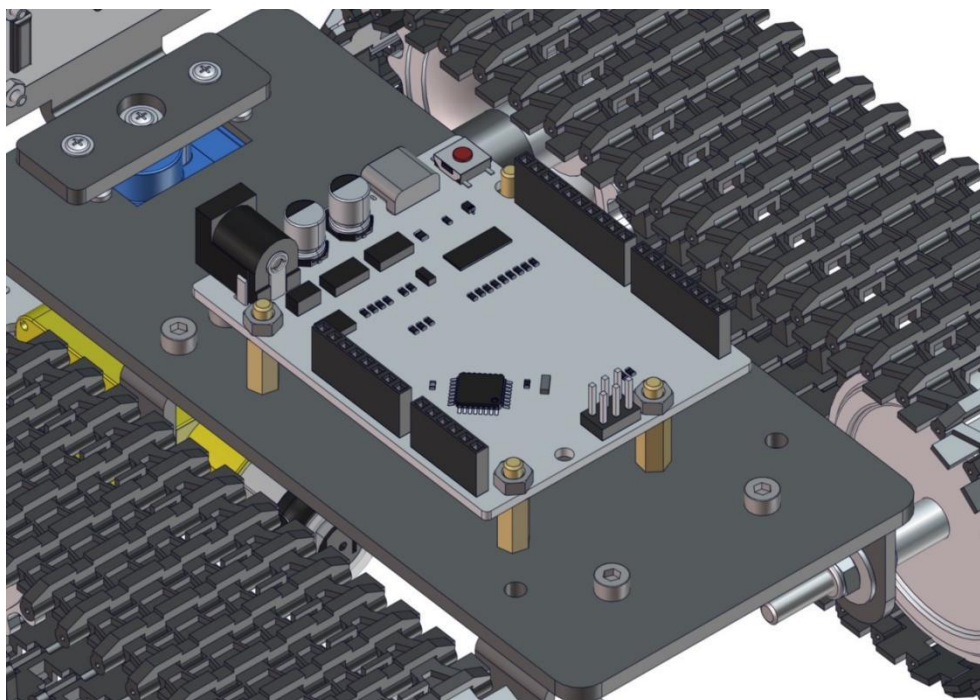
First, the copper column is fixed on the acrylic trolley chassis, and then the 3-way tracking trolley module is installed on the copper column.



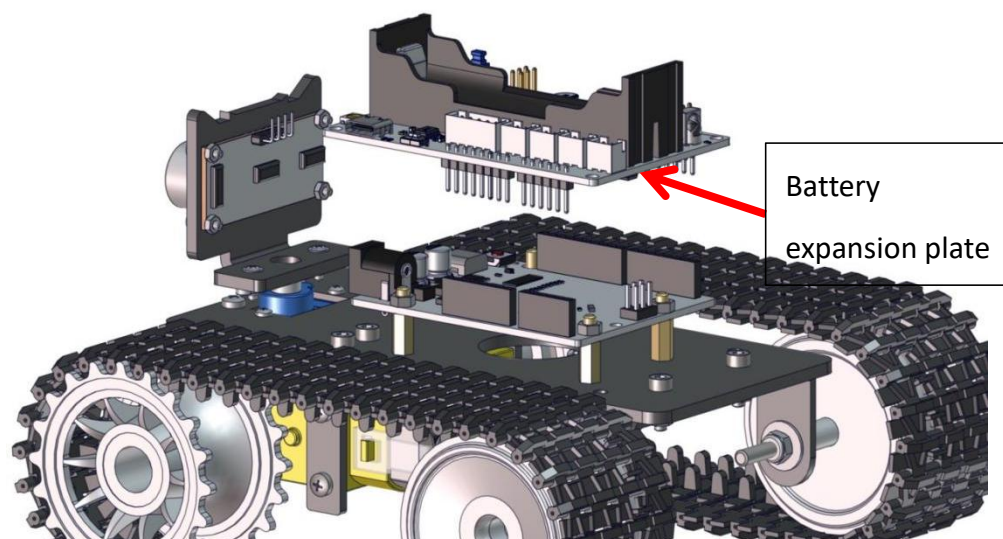
11. Install UNO main control board



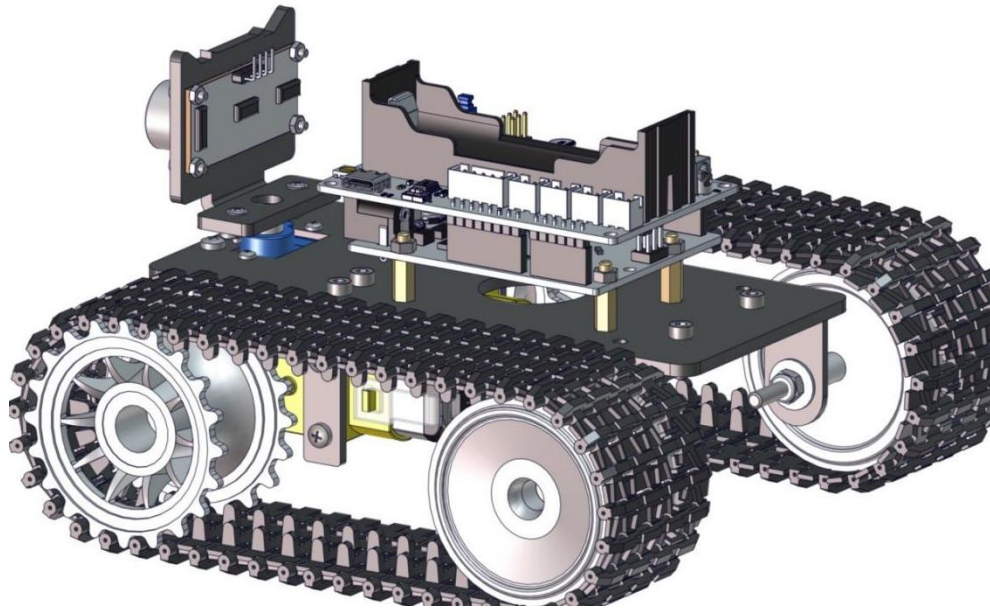
Align the fixing holes and copper columns of the motherboard, then fix them with nuts



12. Install the 18650 battery expansion plate, pay attention to the installation direction, and insert the pin and the pin after alignment.



After the battery expansion plate is installed, it must be checked again.



13. Finally, install the battery, pay attention to the polarity of the battery, not reverse connection!

