

MC_Series/MC300 Cart Installation Instructions

Shenzhen Sibon Intelligent Maker Center

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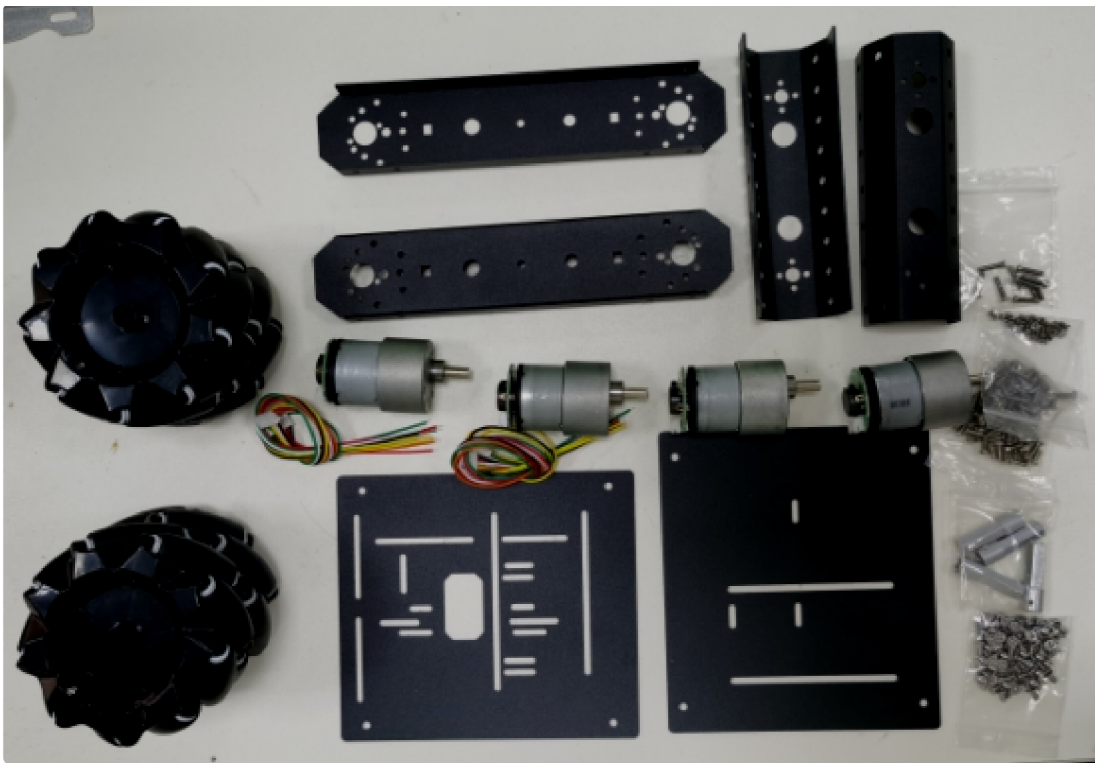
MC_Series/MC300 Cart Installation Instructions

from SZDOIT

1.2.1.1.1. Shipping List



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Bracket list:

name	Upper chassis	Lower chassis	Left and right brackets (same)	Front and rear brackets (same)
quantity	1	1	1 each	1 each

Screw package:

name	6mm coupling (with screws)	M3*8 flat head cross screw	M3*6 flat head cross screw
quantity	4	16	16

Wheels and motors: Motor optional (37 motor and 12V300RPM 25 motor)

name	Motor	Left Mecanum wheel	Right Mecanum wheel	6P 2.0 motor cable	4P 2.45 motor cable
quantity	4	2	2	4	2

1.2.1.2.2. Installation process

1.2.1.2.1. 1. Install the motor

- ① Take out the left and right brackets, 4 motors, and 16 M3*8 flat head cross screws
- ② Use screws to fix the motor to the bracket.

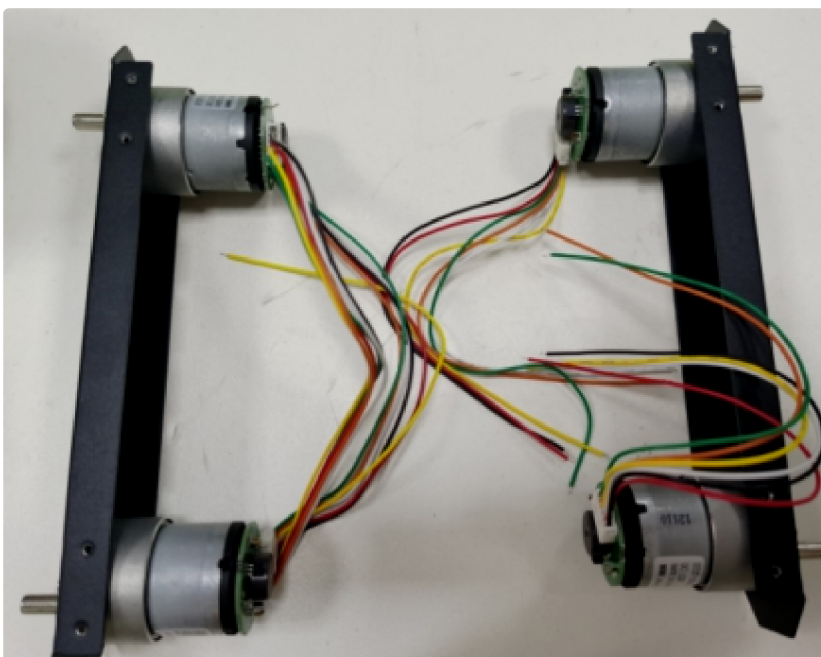


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1.2.1.2.2. 2. Wiring

Ⓞ Take out the motor and four 6P motor cables installed earlier

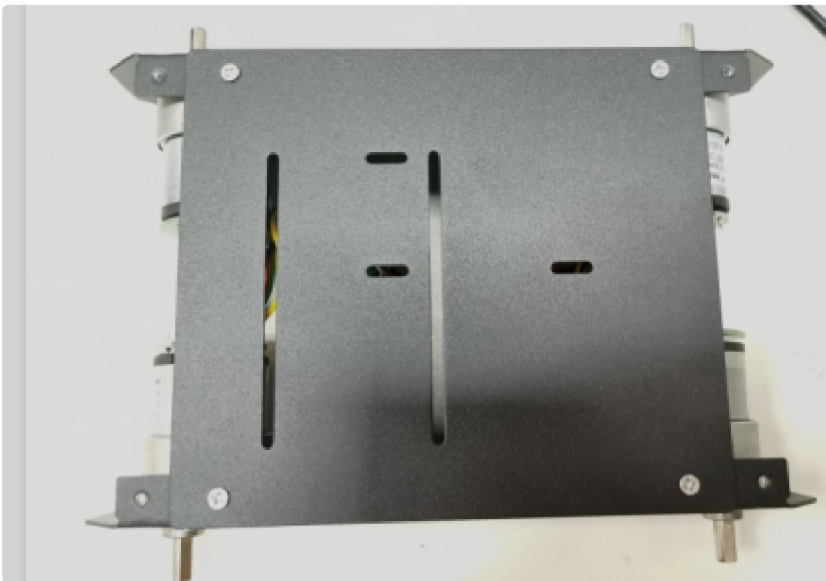
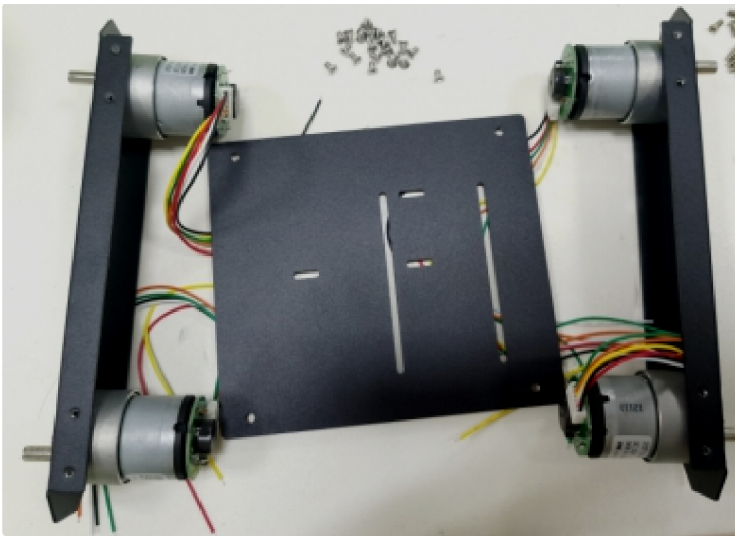
Ⓞ Insert the 6P wire into the motor socket (to prevent difficulty in connecting after installation)



1.2.1.2.3. 3. Install the lower chassis

Ⓞ Take out the bracket, lower chassis and 4 M3*6 flat head cross screws installed earlier.

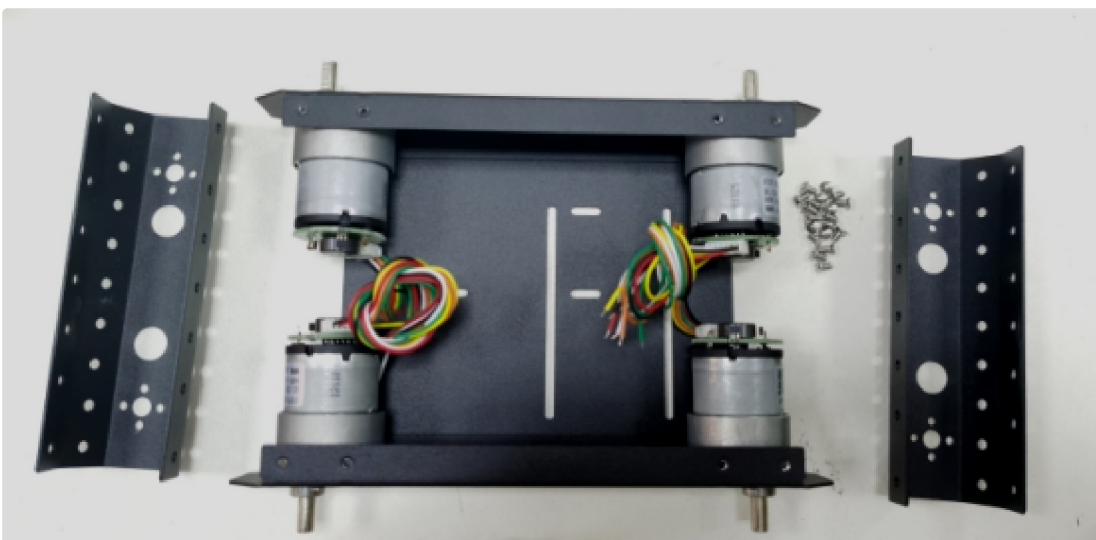
Ⓞ Use M3*6 screws to fix the lower chassis between the left and right sides, as shown below:

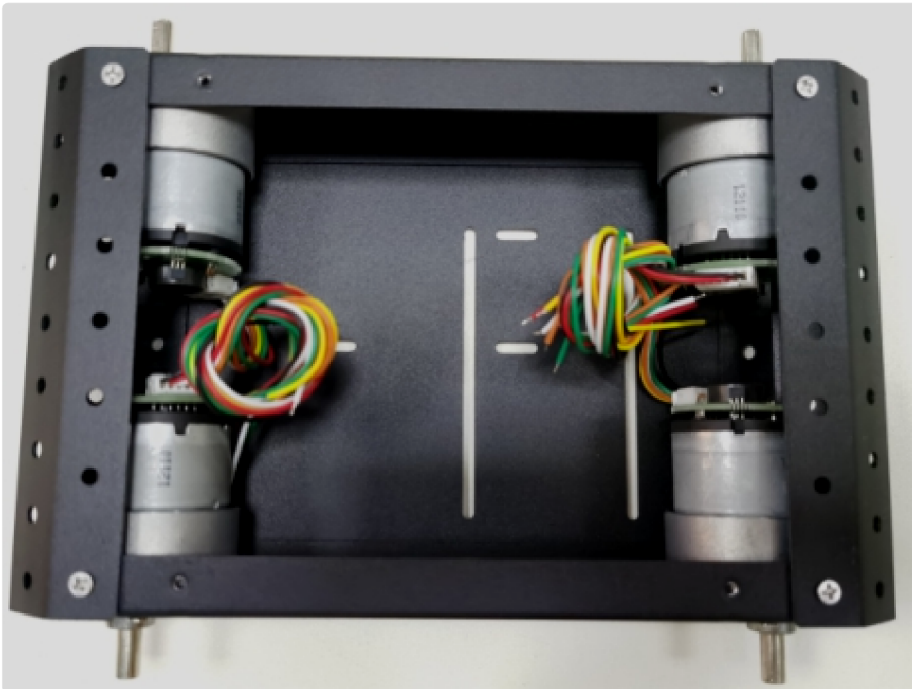
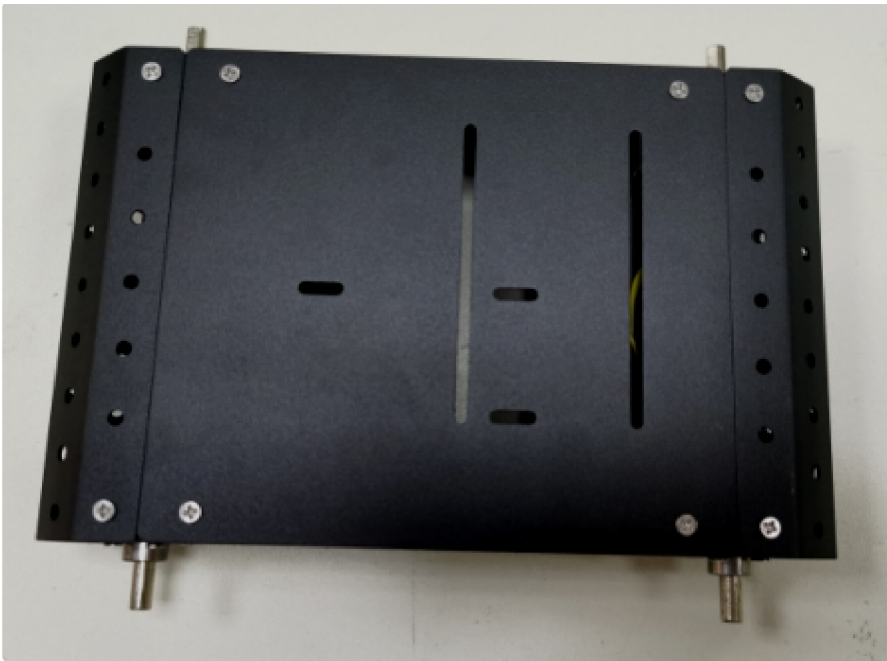


1.2.1.2.4. 4. Install the front and rear brackets

⦿ Take out the chassis, front and rear brackets and 4 M3*6 flat head cross screws installed earlier.

⦿ Use M3*6 screws to fix the front and rear brackets to the left and right brackets, as shown in the figure:

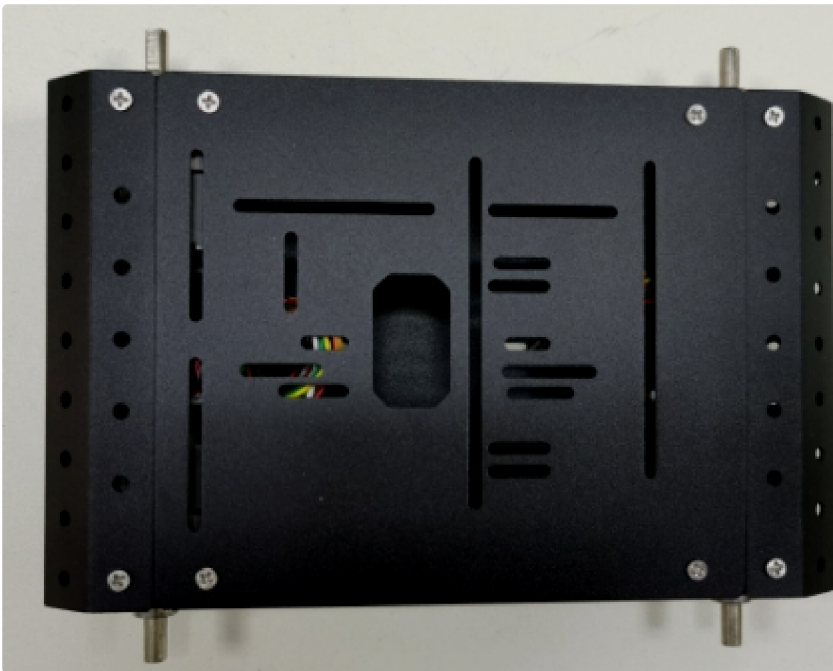
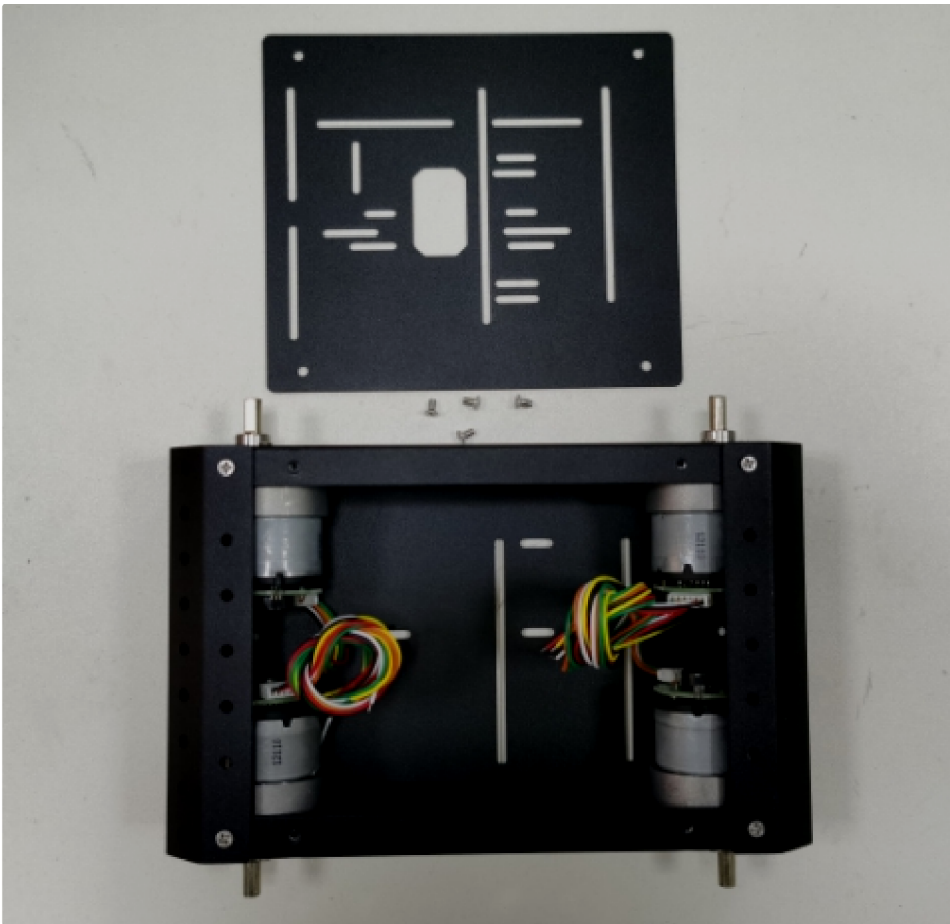




1.2.1.2.5. 5. Install the upper chassis

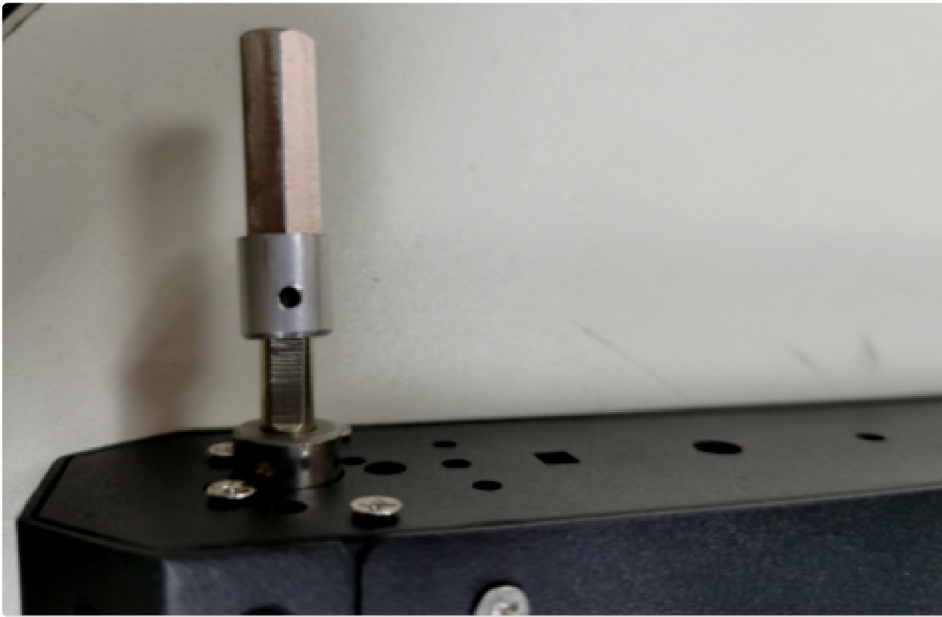
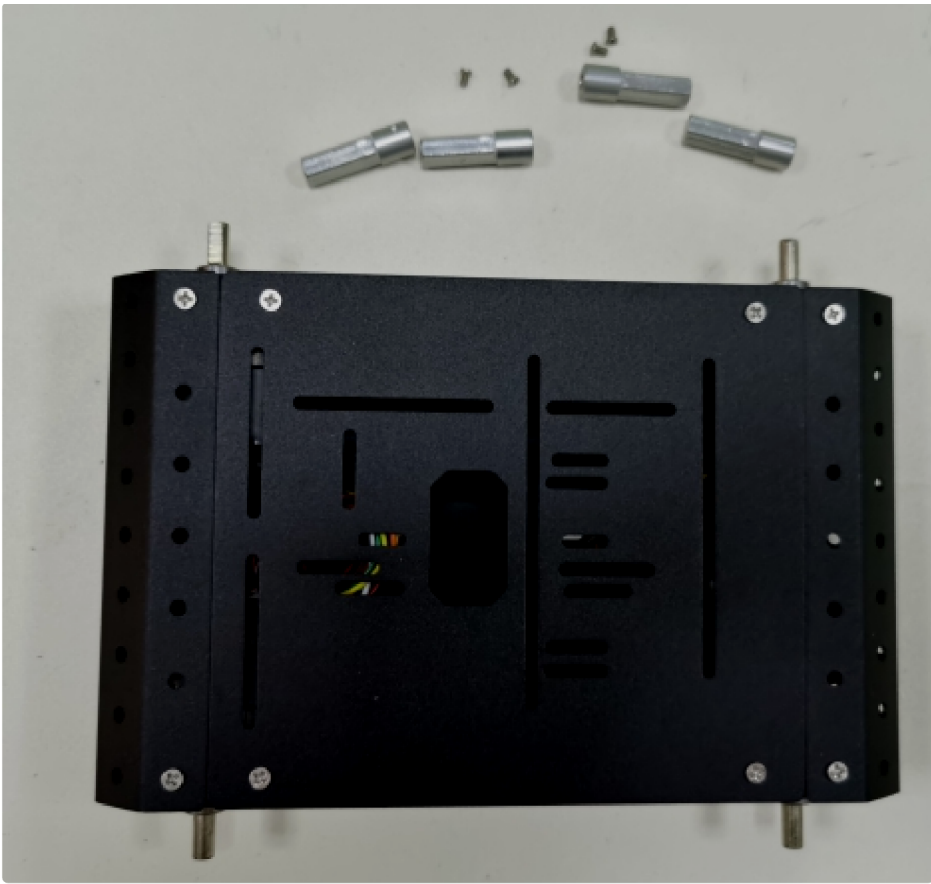
① Take out the previously installed chassis, upper chassis and 4 M3*6 screws

② Use M3*6 screws to fix the upper chassis to the left and right brackets, as shown in the figure:



1.2.1.2.6. 6. Install the coupling

- ① Take out the coupling, the motor lock screws, and the chassis installed earlier.
- ② Fix the coupling on the motor shaft (Note: the side of the coupling with the hole should face the flat side of the motor shaft)

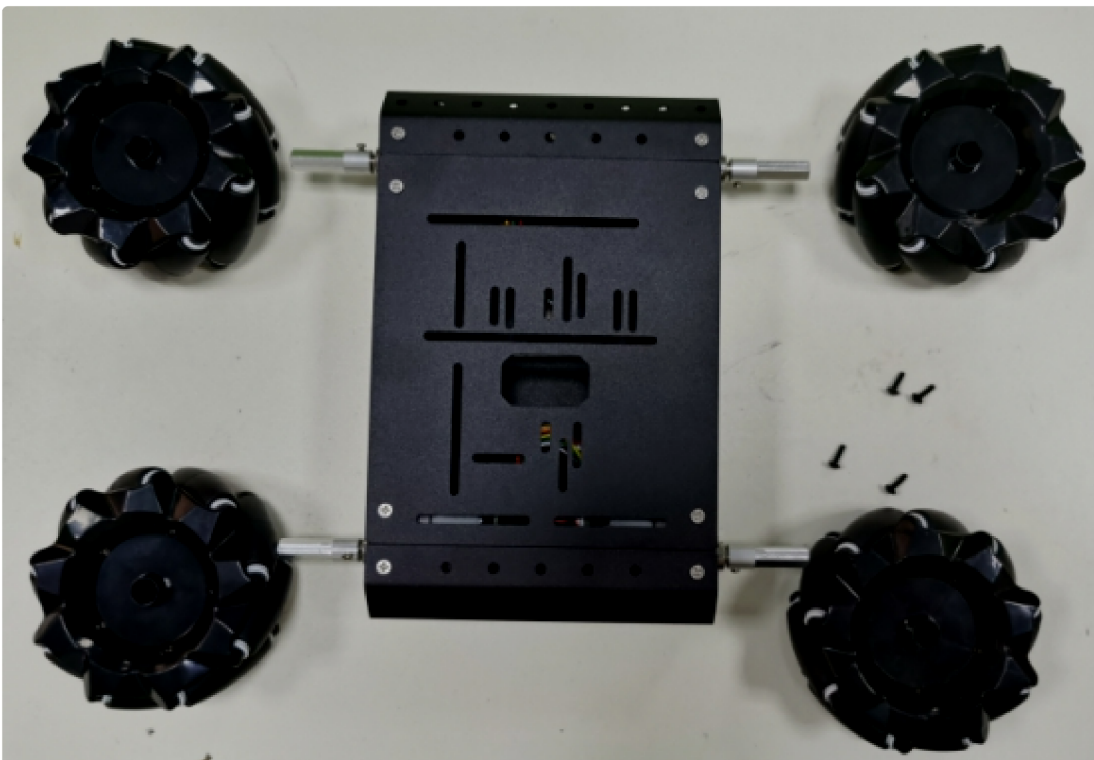


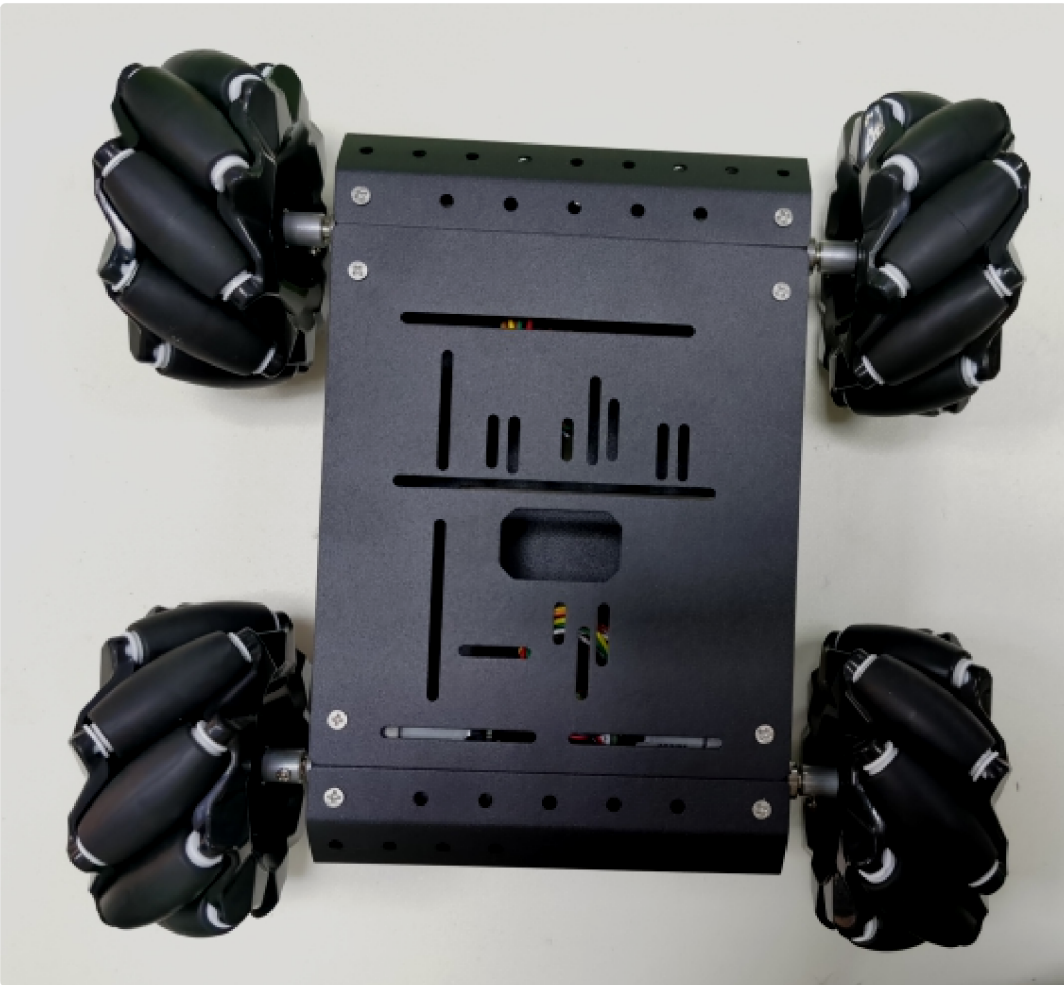
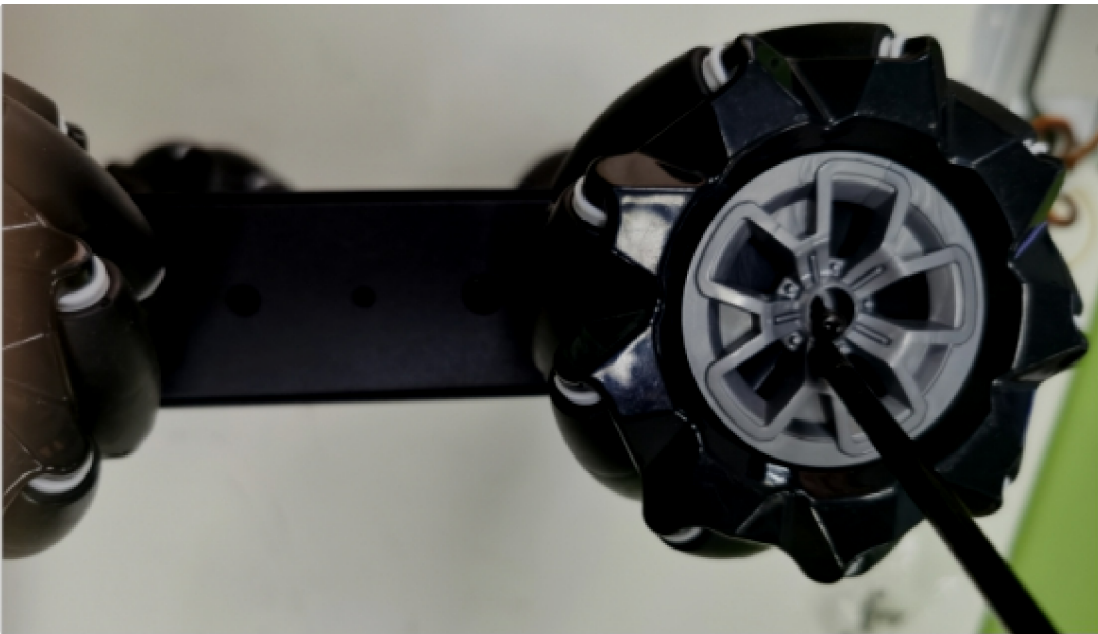


1.2.1.2.7.7. Installing wheels

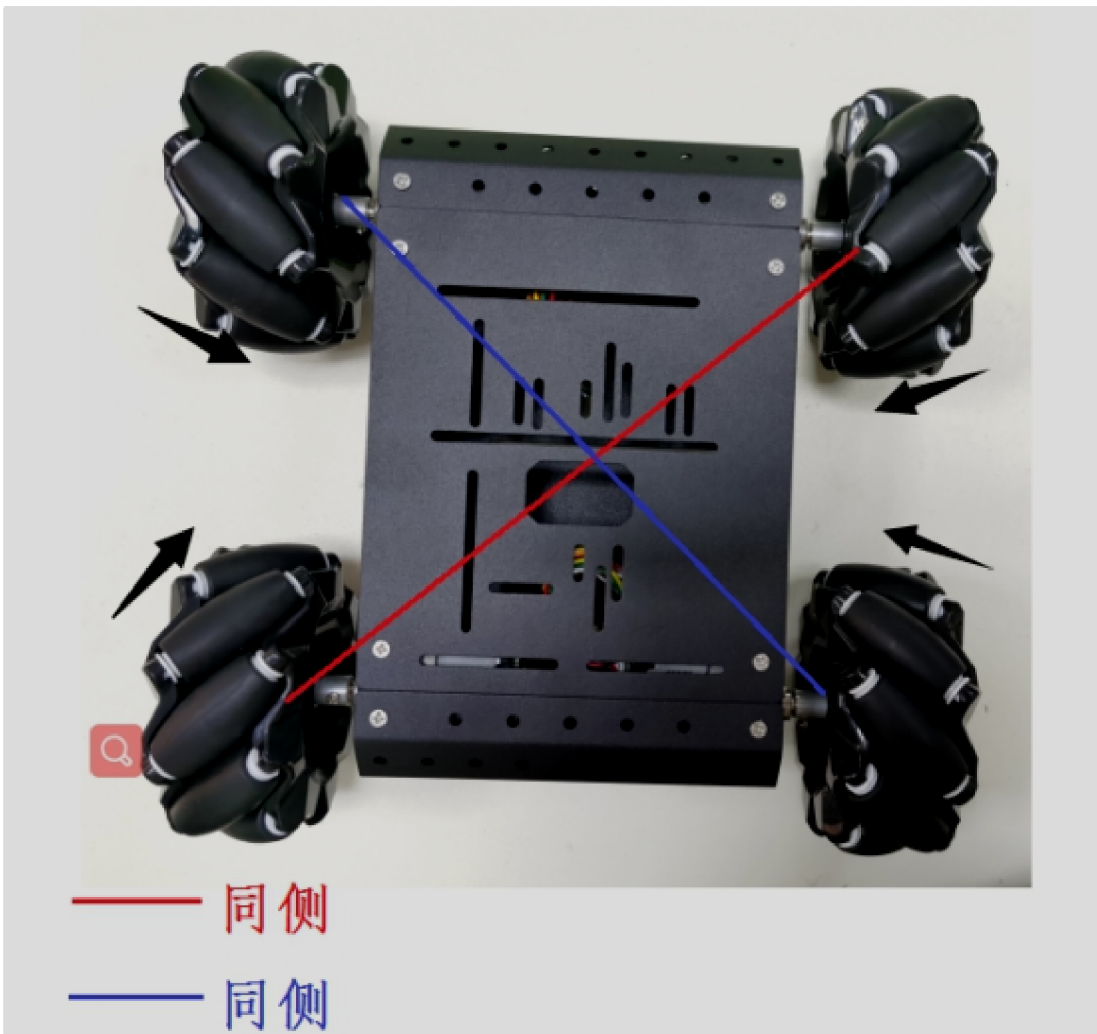
① Take out the 4 Mecanum wheels and the 4 wheel locking screws

② Fix the wheel on the coupling





Special note: If you use the program we provide, the direction of the wheel should be consistent with the picture.



Installation Complete!
I wish you success!

1.2.1.3. For more resources, please follow the official account!



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