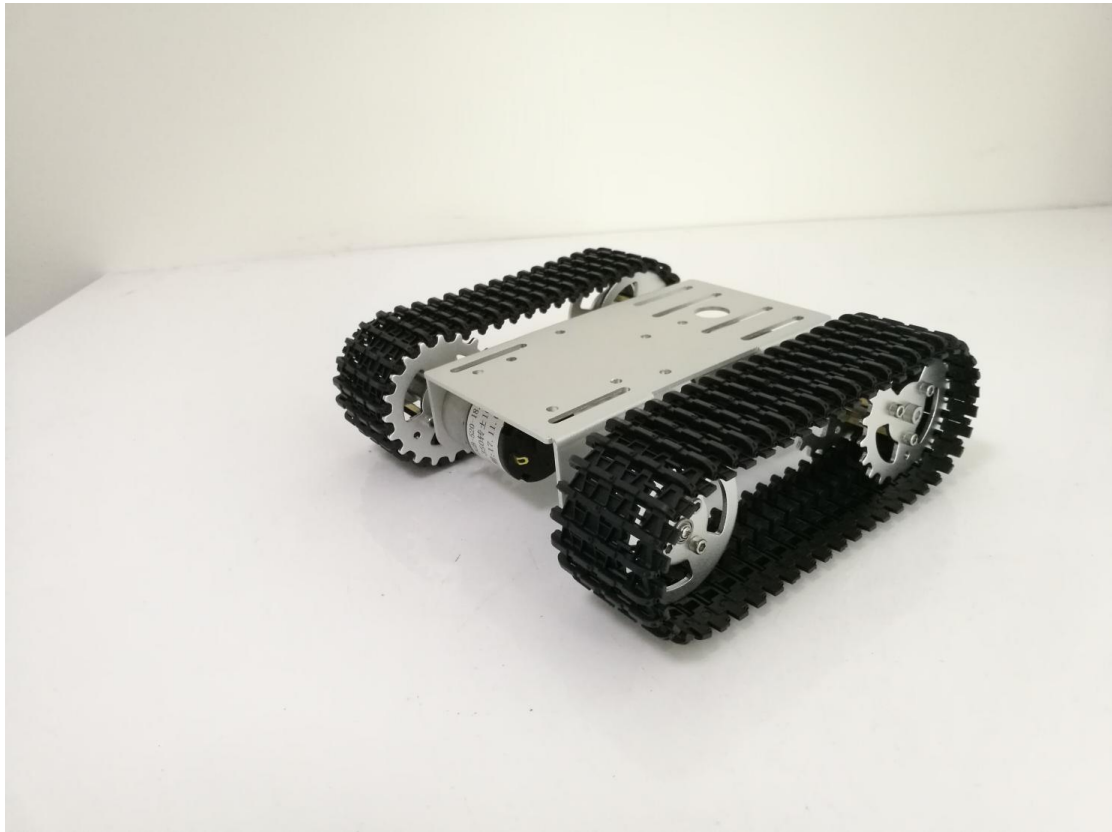


T101 Car

Installation manual



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3. Real Product
4. Note

1. List of materials

| Name | Quantities | | Name | Quantities |
|--------------------------------|------------|--|------------------------|------------|
| Plate | 1 | | 28mm copper pillar | 6 |
| Big bearing wheel piece | 4 | | 5mm coupling | 2 |
| 17mm copper pillar | 6 | | Black top silk | 4 |
| M3*8 hexagon screws | 24 | | Long M4 hexagon screws | 2 |
| Bearing | 4 | | 33 motor | 2 |
| connector | 2 | | M3*6 flat head screws | 6 |
| M2 screws | 2 | | Tracks | 2 |
| Short M4 hexagon screws | 2 | | M2 wrench | 1 |
| Shim | 4 | | M3 wrench | 1 |
| Big hole driving wheel piece | 2 | | M4 wrench | 1 |
| Small hole driving wheel piece | 2 | | | |



2. Installation process

Assembly of load-bearing wheels and driving wheels

The car has 2 load-bearing wheels and 2 driving wheels. The assembly process of a single load bearing wheel and driving wheel is shown below.

A. load-bearing wheel

List of materials:



Assembly process:

002

将**3个M3**内六角螺丝穿过承重轮片的圆孔

Put 3pcs M3 hexagon screws trough the circle hole of the bearing wheel piece

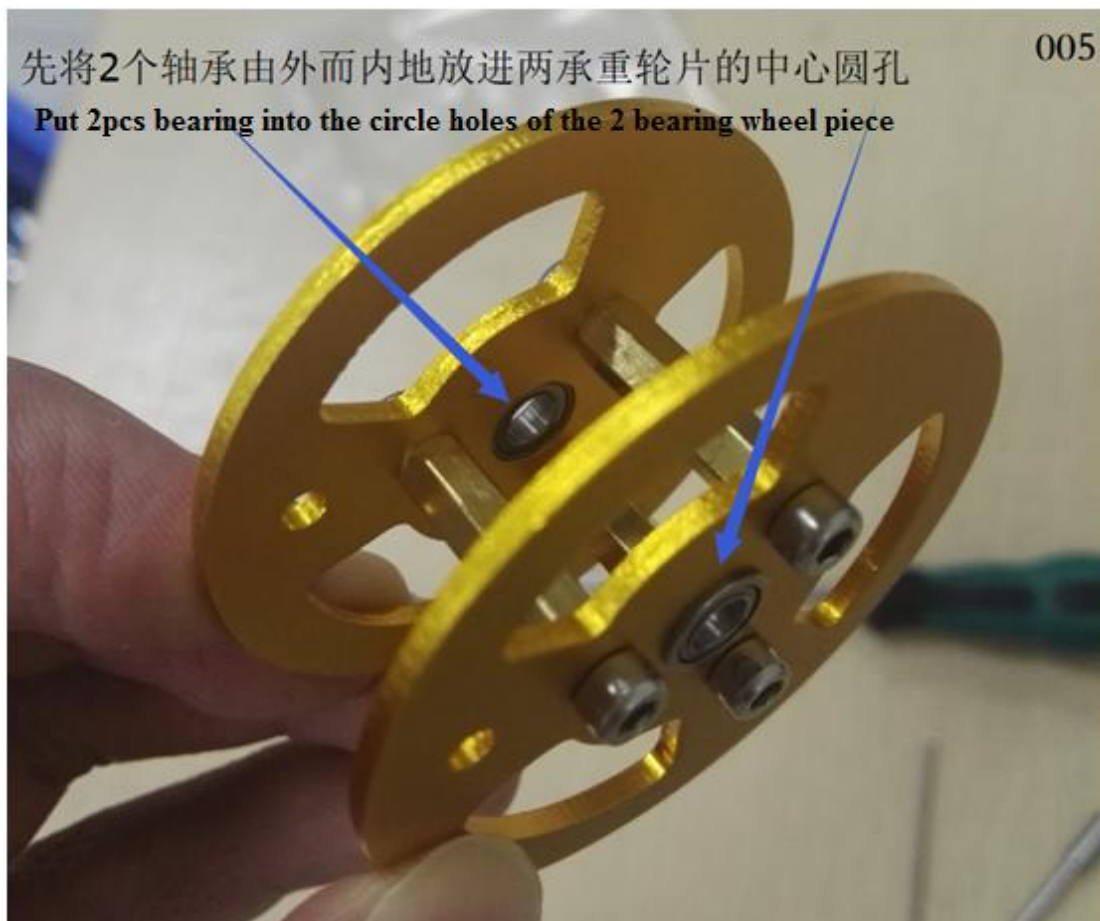
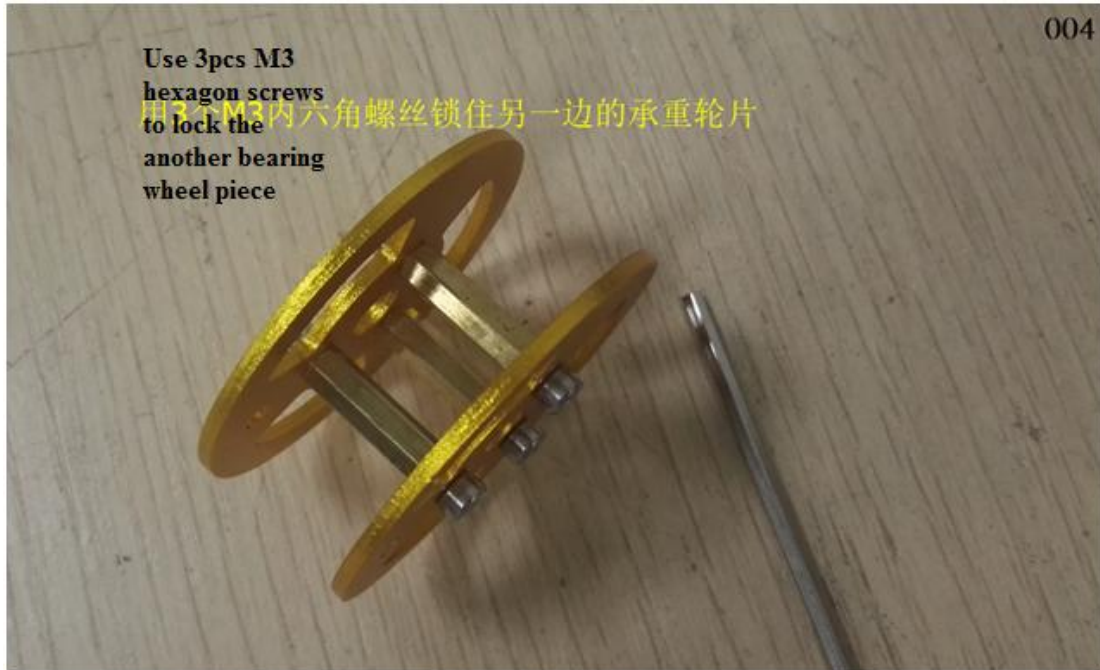


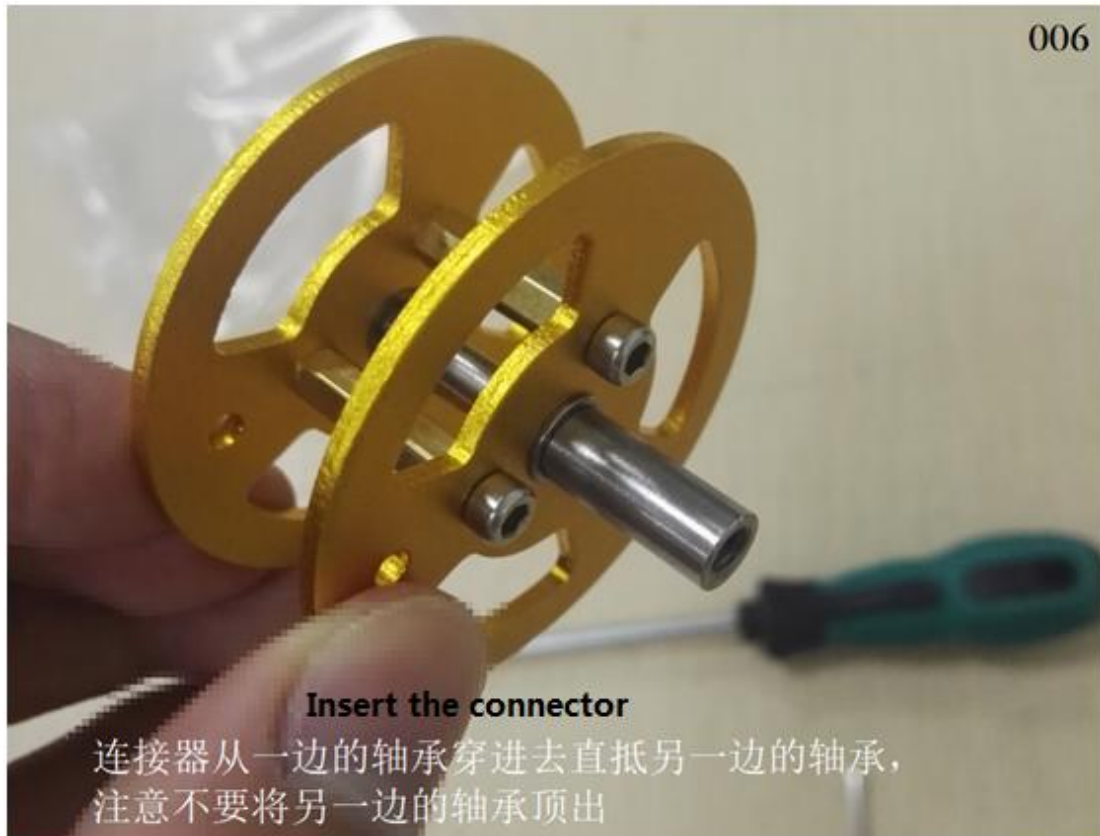
003

用**3个M3**铜柱固定**3颗M3**内六角螺丝

Fix 3pcs copper pillar with 3pcs M3 hexagon screws.

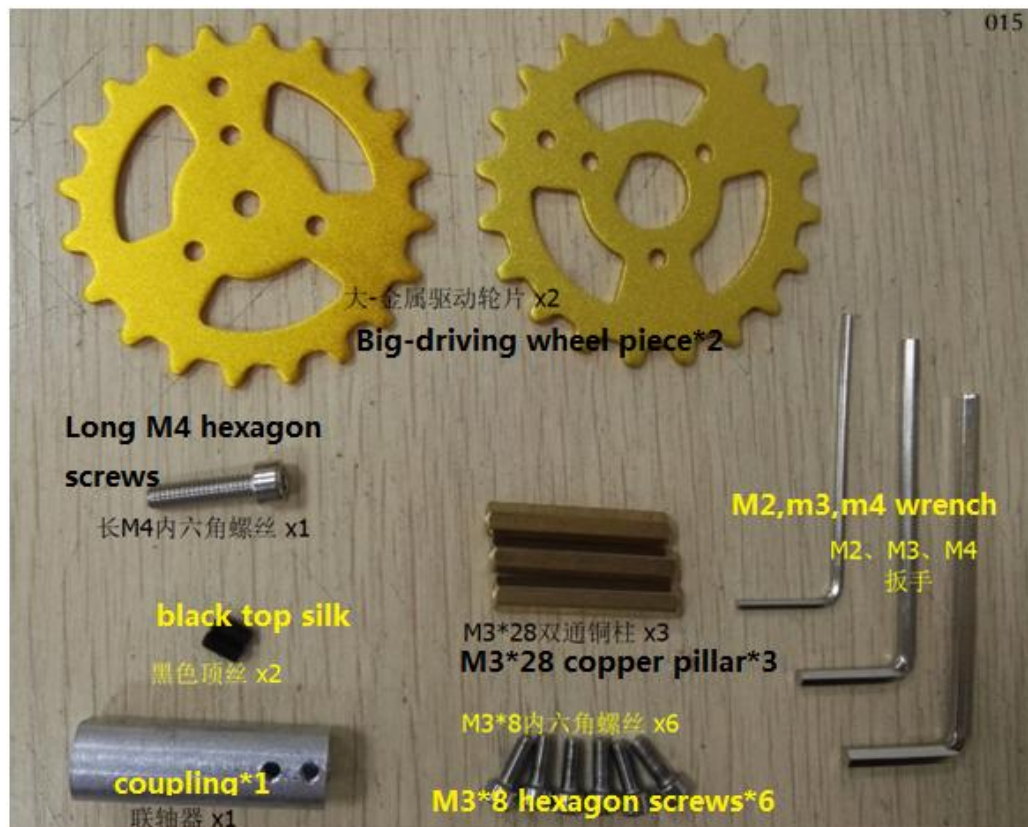






B. drive wheel

List of materials:



Assembly process:





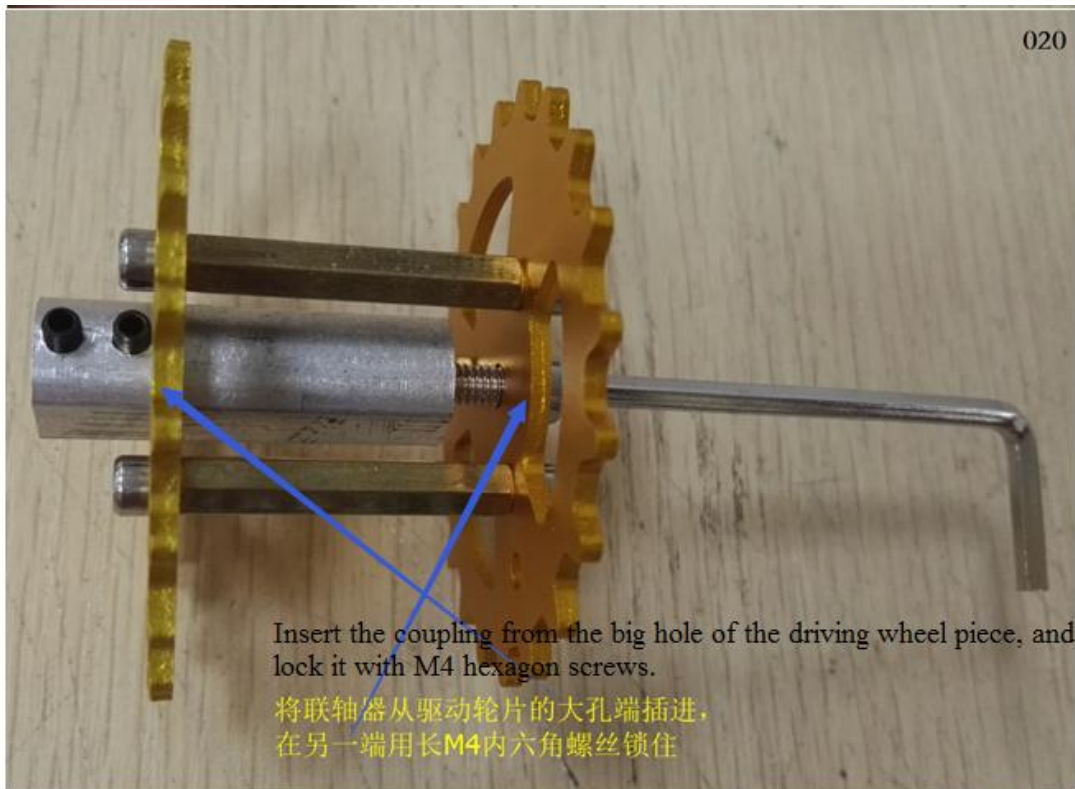
019

将2个黑色顶丝用M2扳手拧到联轴器的2个小圆孔，
只需拧进30%的长度即可

Install 2pcs top silk with M2 wrench into 2 small holes, install about
length of thirty percent of the top silk



020



Insert the coupling from the big hole of the driving wheel piece, and
lock it with M4 hexagon screws.

将联轴器从驱动轮片的大孔端插进，
在另一端用长M4内六角螺丝锁住

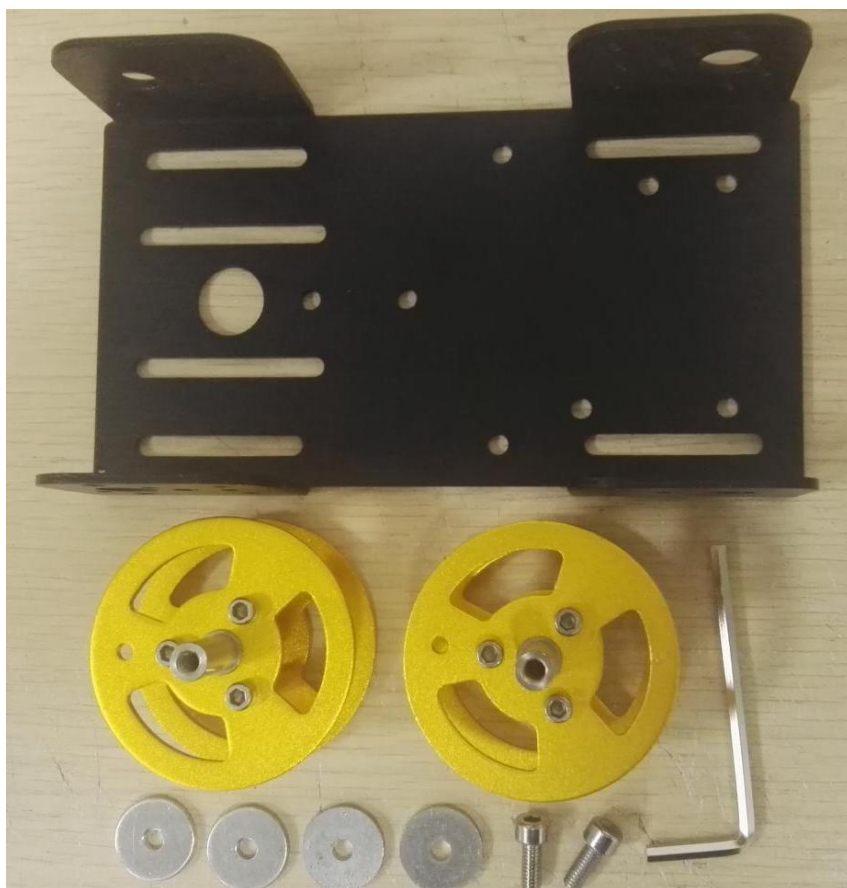


注意顶丝与驱动轮片保持2毫米的距离，
然后另一边的M4内六角螺丝适当拧紧

Please note that keep 2mm distance between the
driving wheel piece and the top silk

2) Installation of load-bearing wheel

List:



将套上垫片的M4内六角螺丝穿过底盘一个侧边（圆孔数量较少的）
从里往外穿过较大的圆孔，保持与相邻较小圆孔平齐

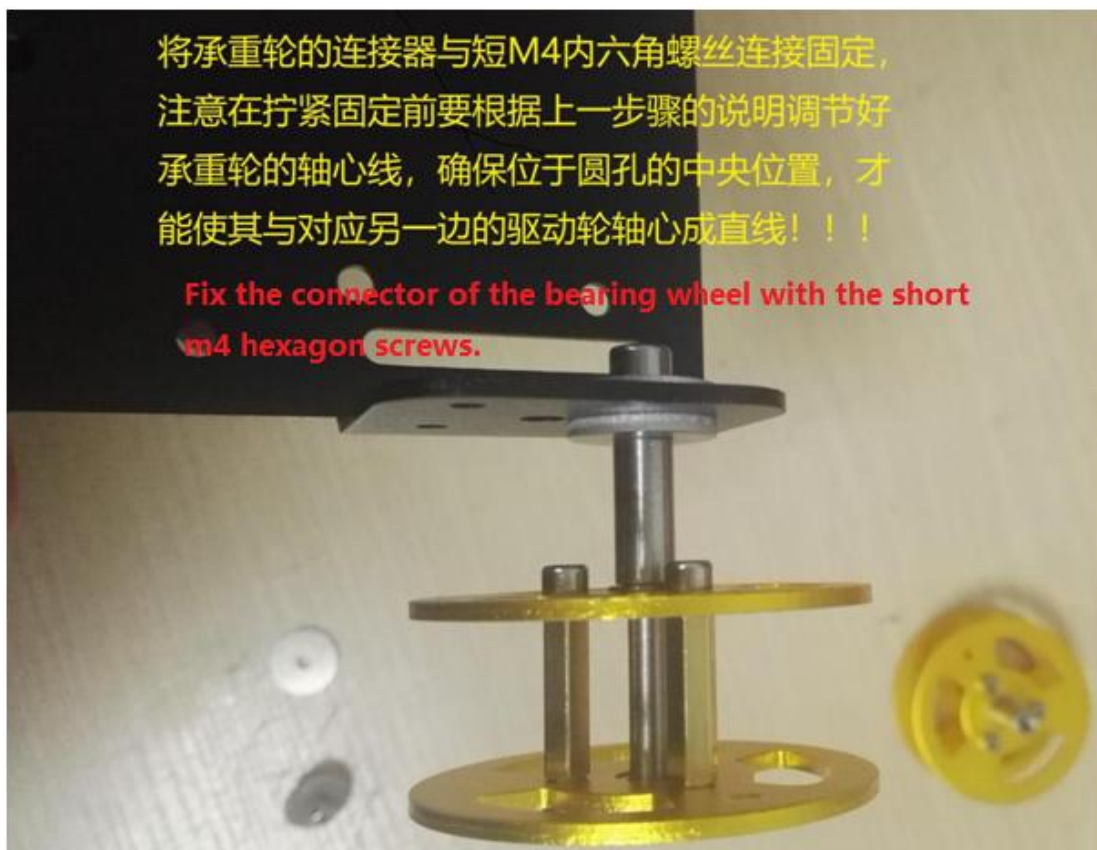
Install the shim into the plate(the plate of less hole)



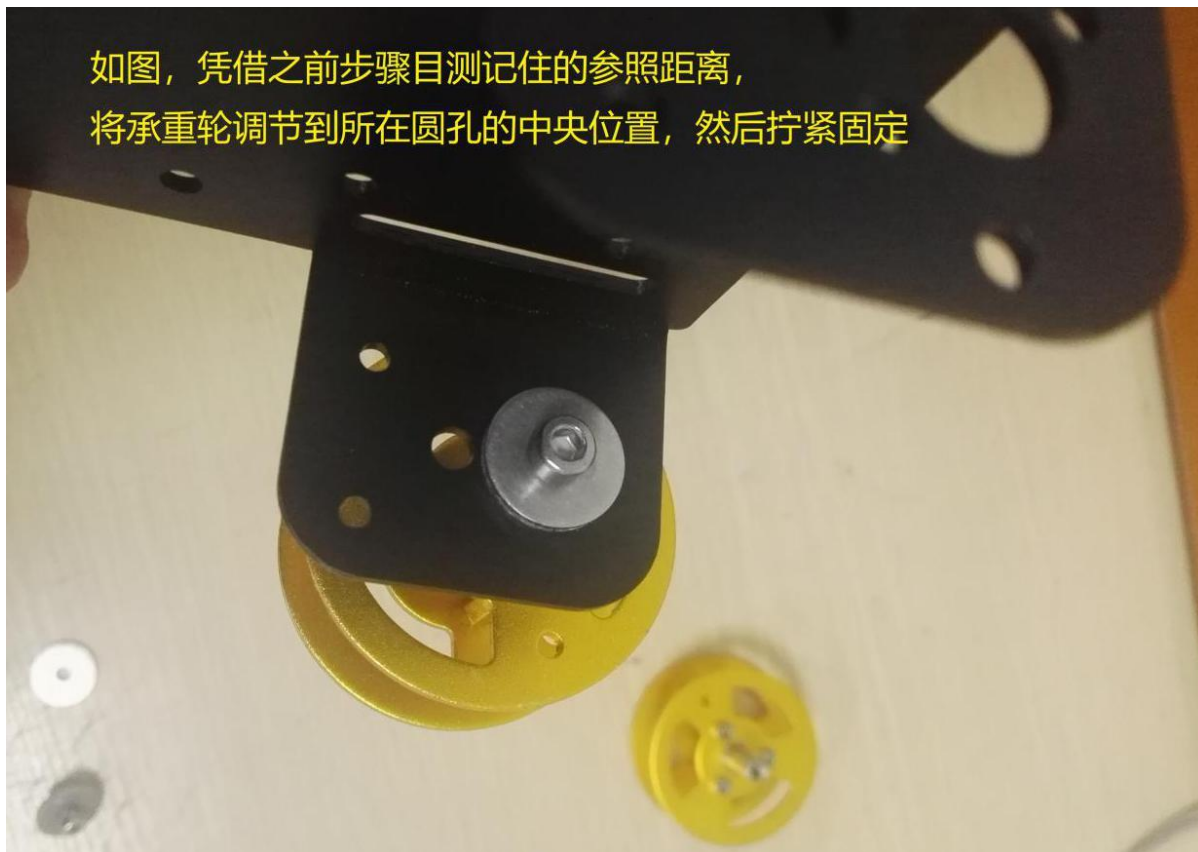
由于所在圆孔过大的缘故，
安装的时候需要以目测方式
尽量调节M4内六角螺丝位于圆孔中央位置！！

**Adjust the M4 hexagon screws in the
circle position.**





如图，凭借之前步骤目测记住的参照距离，
将承重轮调节到所在圆孔的中央位置，然后拧紧固定



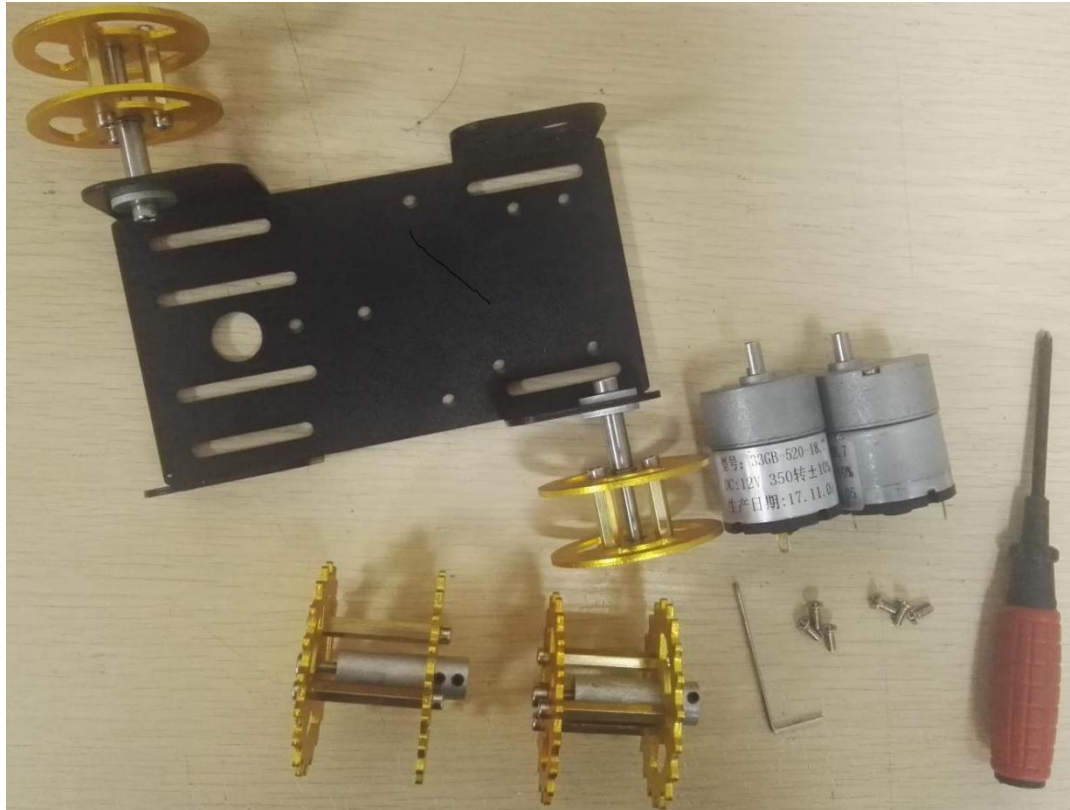
对角方向的2个承重轮以同样方法安装到底盘

Install another bearing wheel



3) installation of motor and drive wheel

List:



如图，各自用3个M3*8平头螺丝将两个电机安放到底盘的对角方向

Install the motor with 3pcs M3*8 flat head screws

将驱动轮联轴器上的2个黑色顶丝方向对应电机转轴的平口处

Let the same direction between the 2pcs
top silk and the motor shaft flat part



将电机插到联轴器圆孔中，
注意保证2黑色顶丝方向位于电机轴的平口位置上!!!

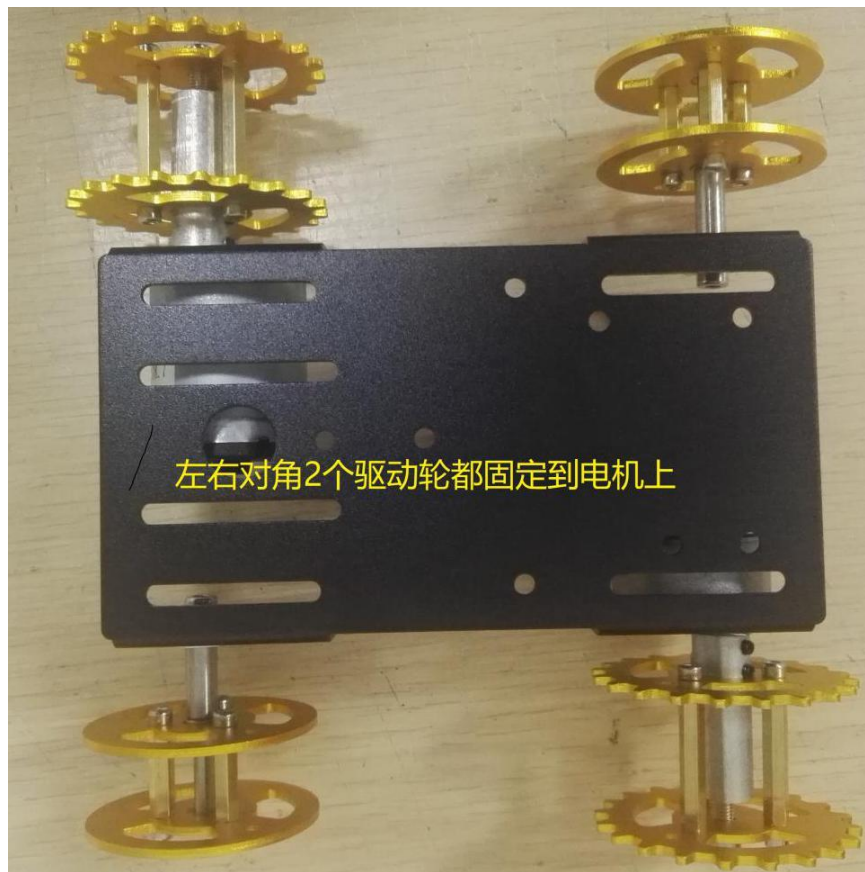
Install the motor into the circle hole of the coupling, note that
the direction of the black top silk in the motor shaft flat part.



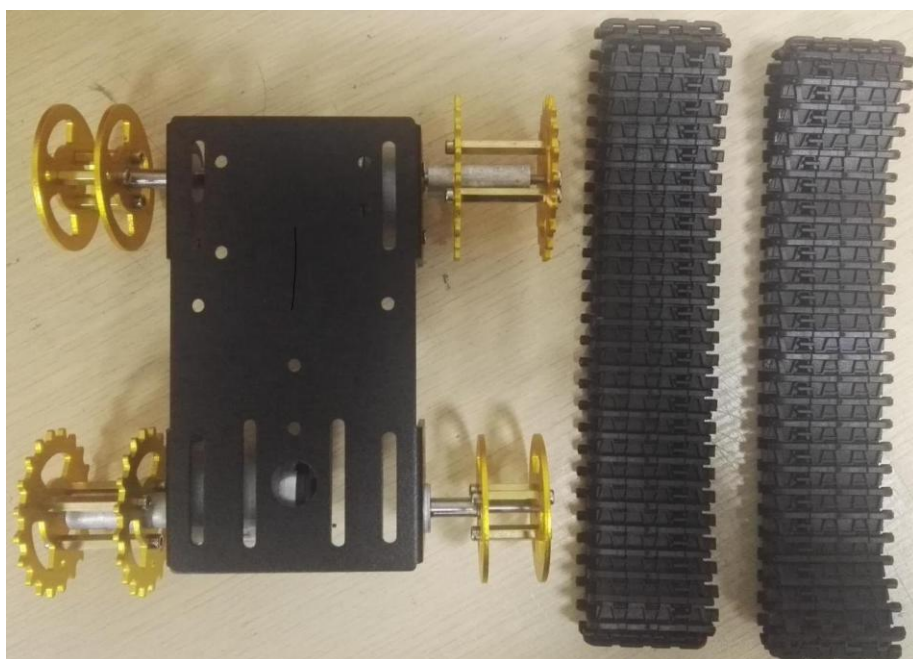
Don't push the coupling too close with the motor, use
m2 wrench to tighten 2pcs black top silk, fix the
driving wheel on the motor.

将联轴器推进到电机轴的平口尽头（注意不是直接退到电机轴底处）
用M2扳手拧紧2个黑色顶丝，将驱动轮固定到电机上





4) installation of track



用电表笔从履带凹进的一边将履带针顶出

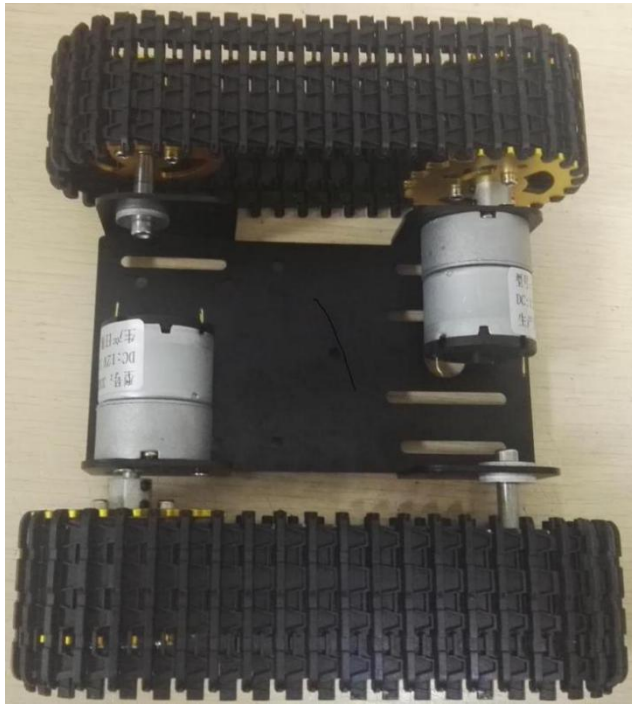
Use the power meter pen to eject the crawler pin





3. Real Product





4. Note

(1) Because of the narrow chassis, the two wheels at the same end need to be fixed in sequence first bearing wheel and then the motor.