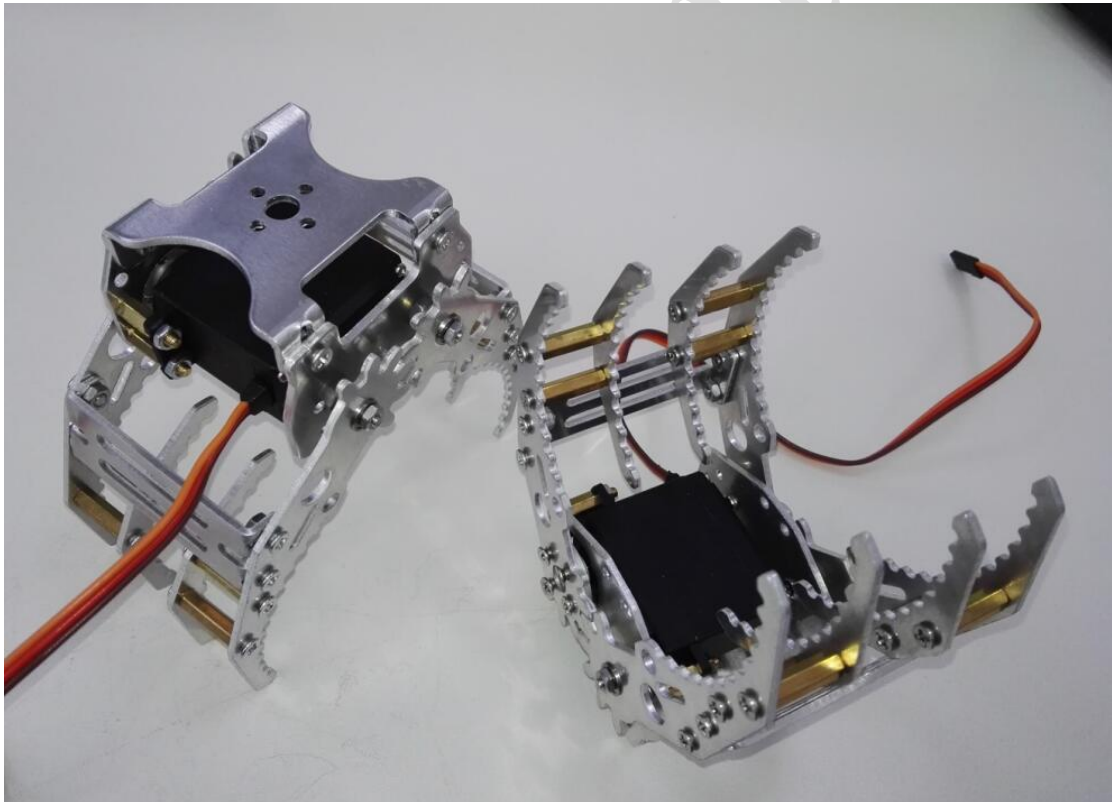




**Doctors of Intelligence & Technology(DOIT)**

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## **Metal Paw G8 Installation Manual(V1.0)**



**2017-04-20**

# 1. Material Preparation:

List:

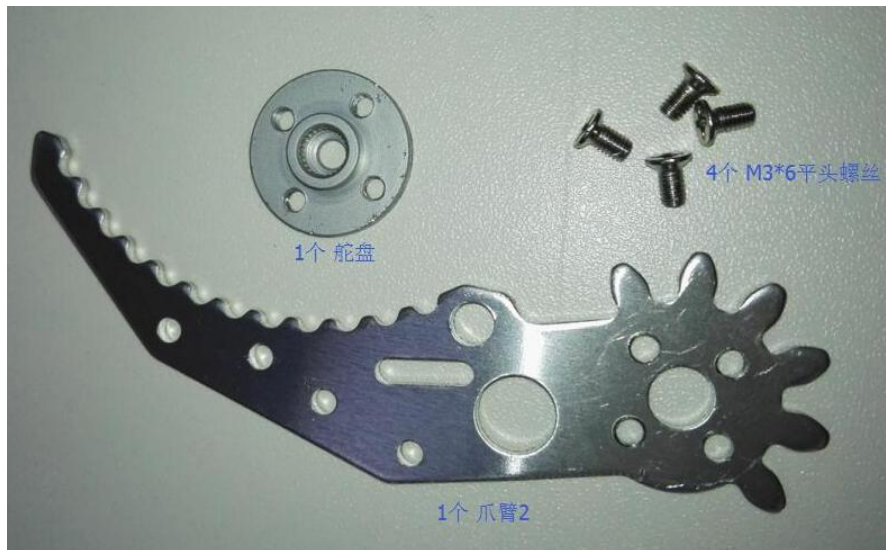
Name	数量
G8 paw bracket set	1
MG996R steering gear	1
25T Round Type Disc Matal Horns	1
17mm Double pass copper column	8
10mm single pass copper column	4
M3*8 flat head screws	33
M3 nuts	19
M3*6 flat head screws	4
M3*12 flat head screws	3
M4 Gasket	3
Bearing	3
M4 nuts	3



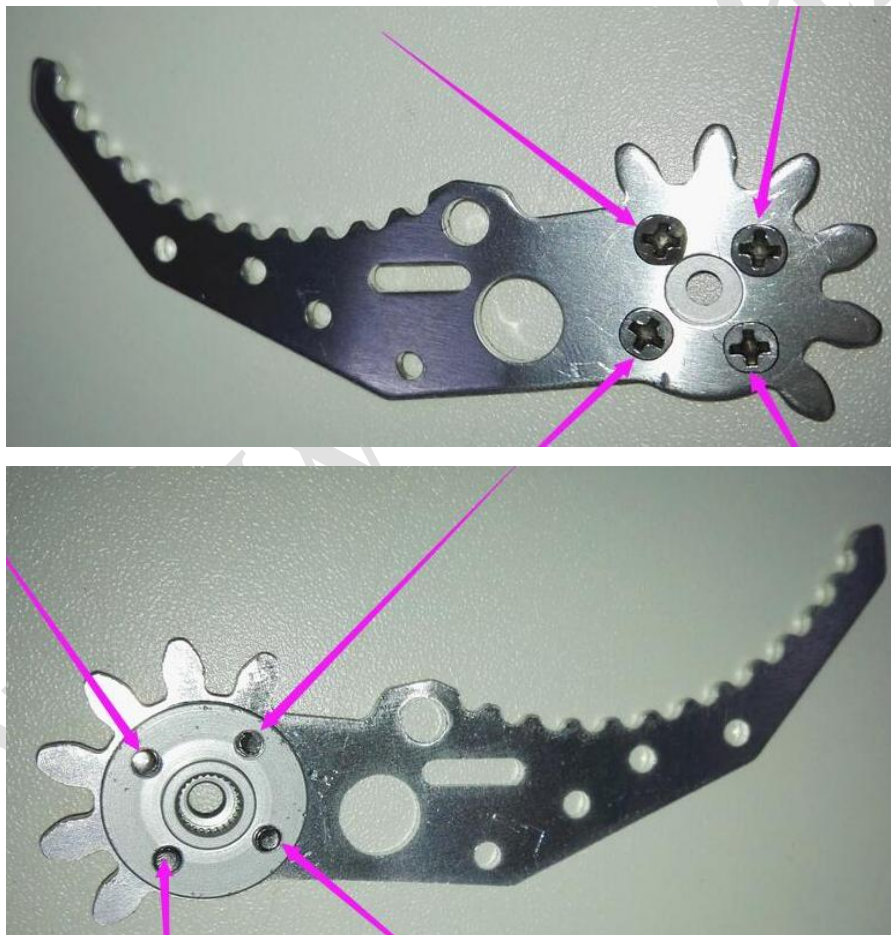
## 2. Installation steps

### Step1 Install claw arm 2

Required materials: 1 25T Round Type Disc Matal Horns, 1 claw arm 2, 4pcs M3\*6 flat head screws;



Install as the picture showed:

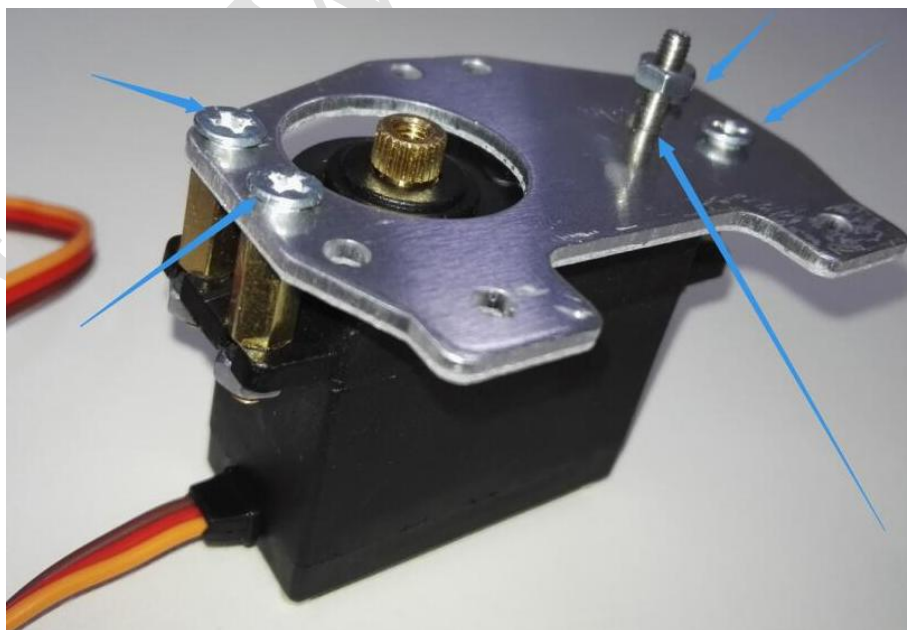
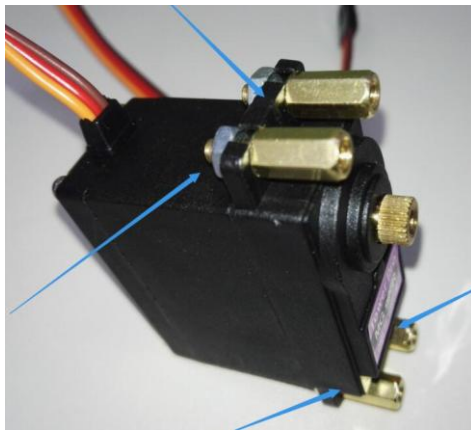


## Step2 Install the steering gear

Materials required: 1pcs MG996R steering gear, 1pcs bracket 2, 4pcs 10mm single-pass copper column, 4pcs M3\*8 flat head screws, 4pcs M3 nuts, 1pcs M3\*12 screw, 1pcs M3 nut;



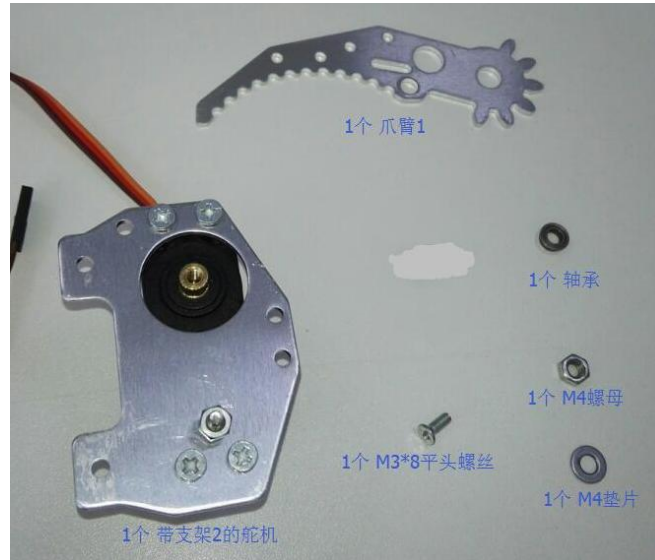
Install as the picture showed:



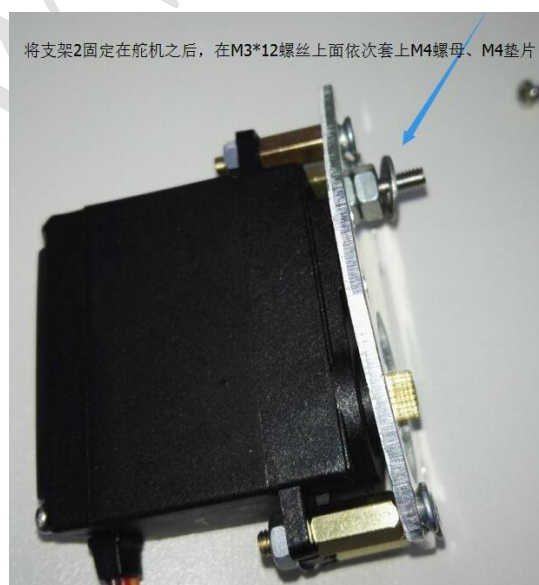


## Step3 Install claw arm 1

Required materials: 1pcs claw arm 1, 1pcs steering gear with bracket 2, 1pcs M3\*8 flat head screw, 1pcs bearing, 1pcs M4 nut, 1pcs M4 gasket;



Install as the picture:





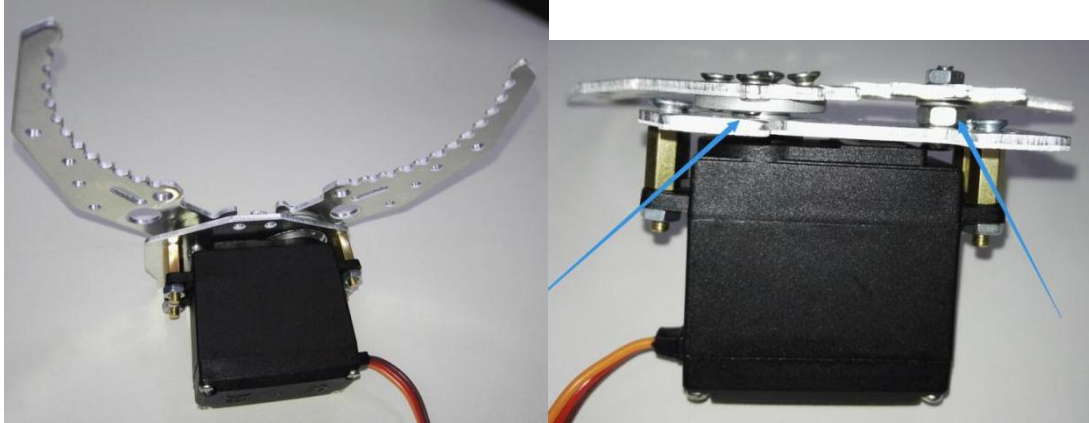
## Step4 Install claw arm 2

Required materials: components completed in steps 1 and 3, 1pcs M3\*8 flat head screw;



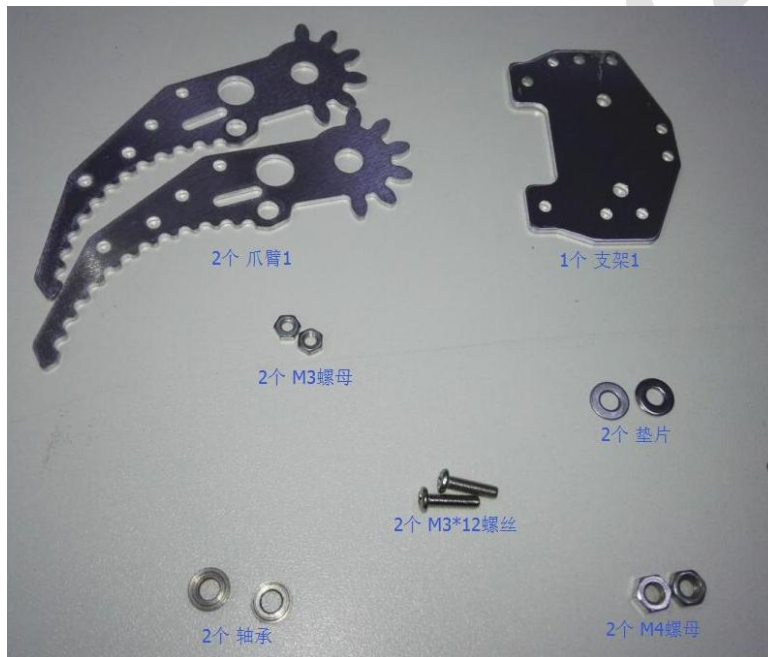
Install as the picture:





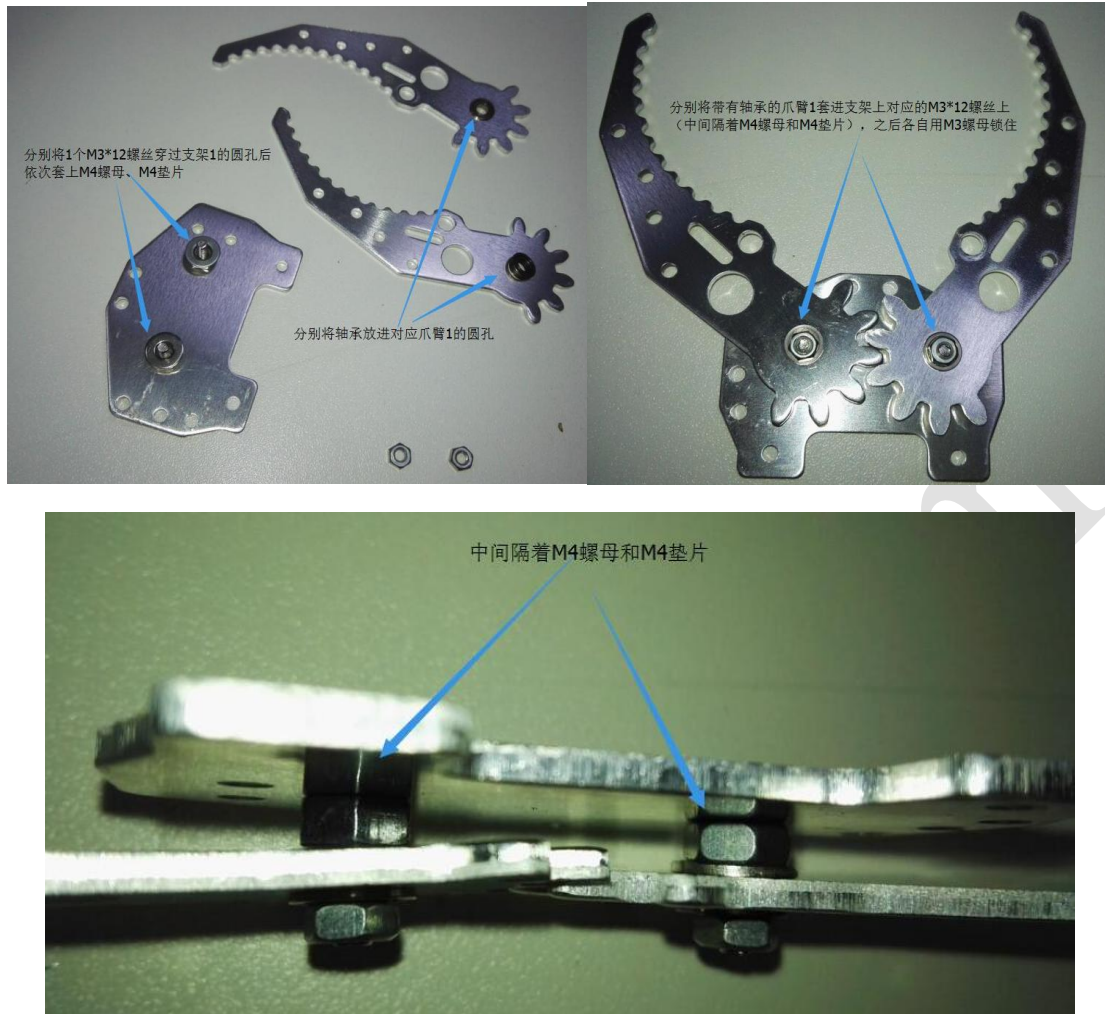
## Step5 Install 2pcs claw arm 1

Materials required: 2pcs claw arms 1, 1pcs bracket 1, 2pcs M3 nuts, 2pcs M4 gasket, 2pcs M3\*12 screws, 2pcs bearings, 2pcs M4 nuts;



Install as the picture:





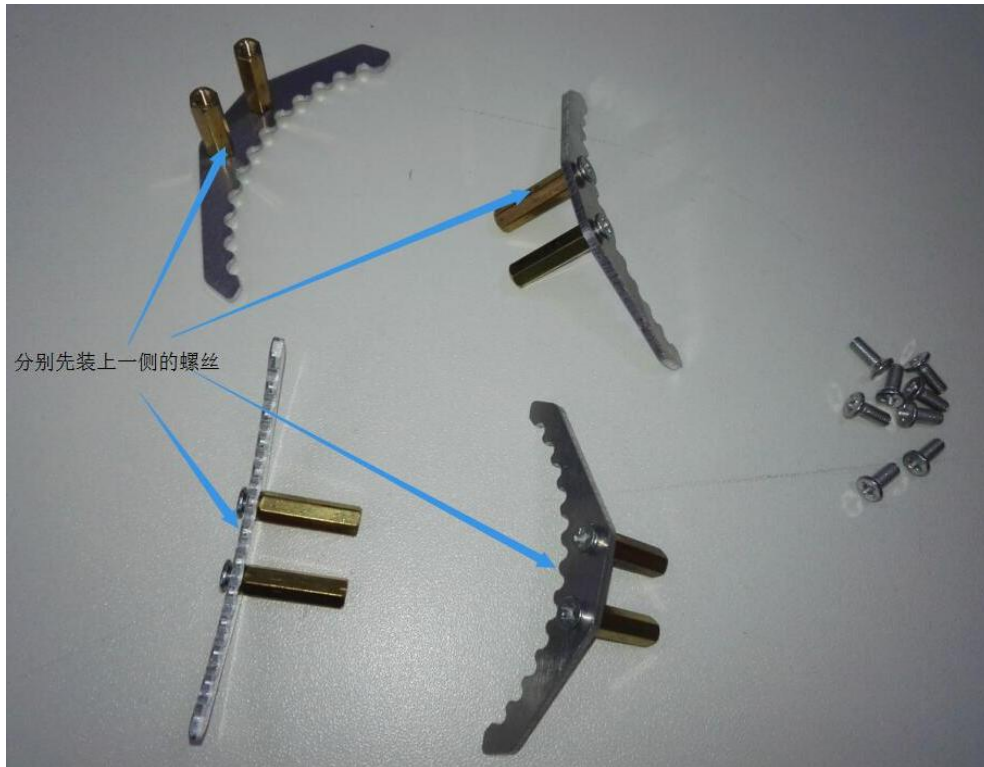
## Step 6 Install the fingers

Materials required: 4pcs fingers, 8pcs 17mm double-pass copper column, 16pcs M3\*8 flat head screws;



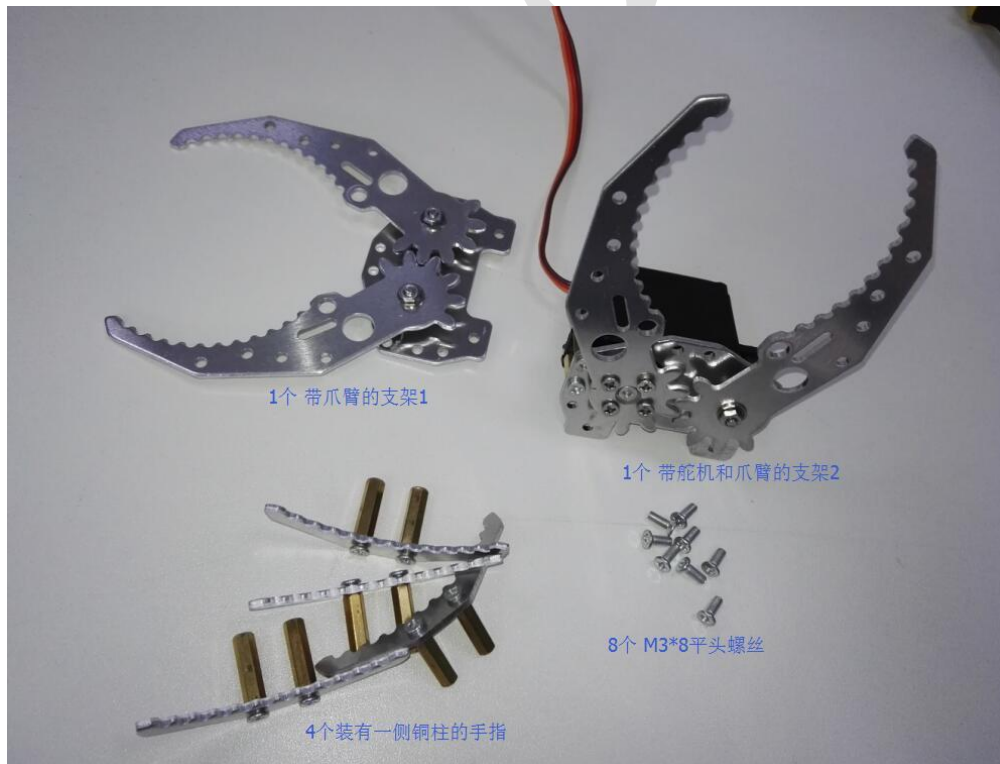
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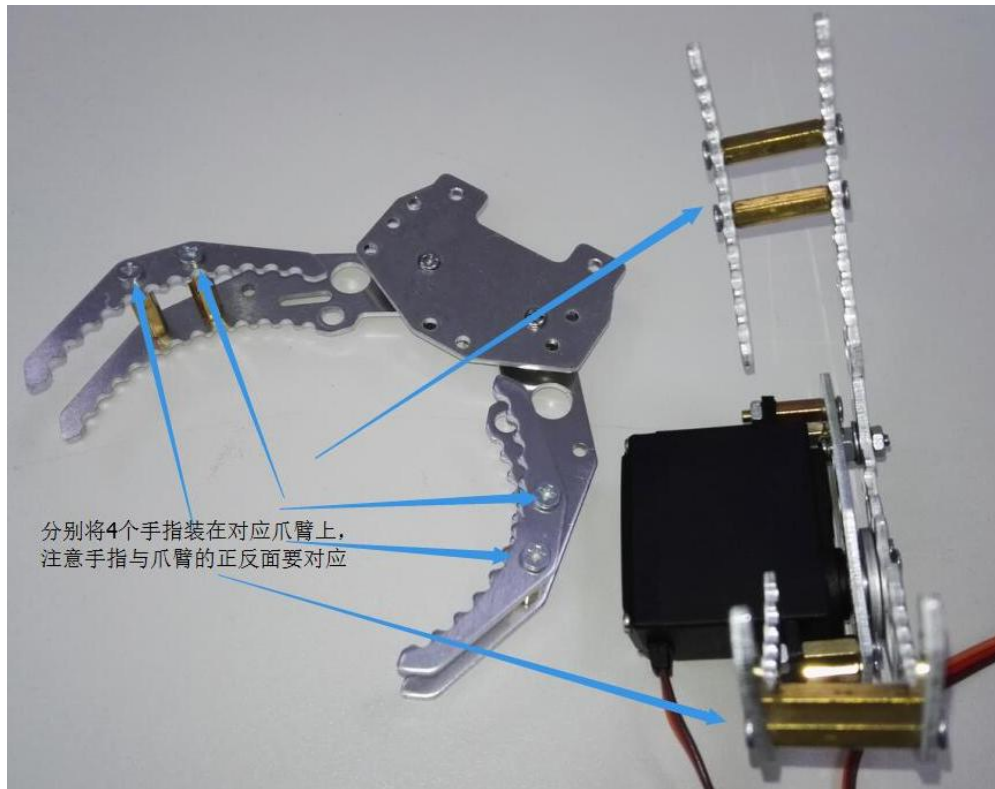


## Step 7 Install the finger

Materials required: 1pcs bracket with claw arms, 1pcs bracket with steering gear and claw arms, 4pcs fingers with one side copper column, 8pcs M3\*8 flat head screws;

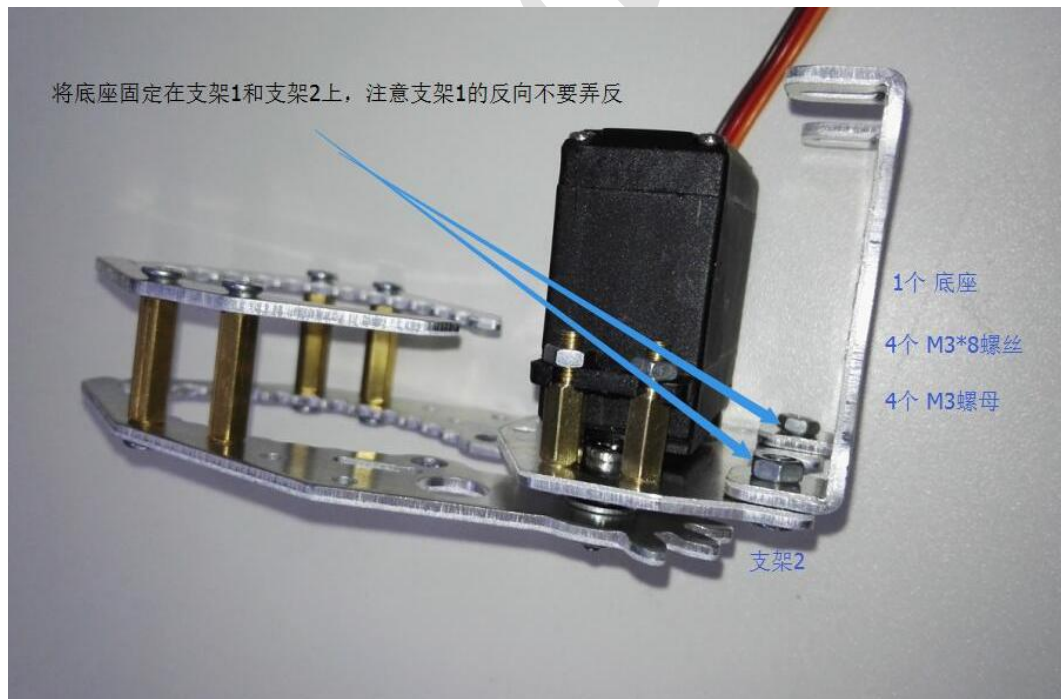


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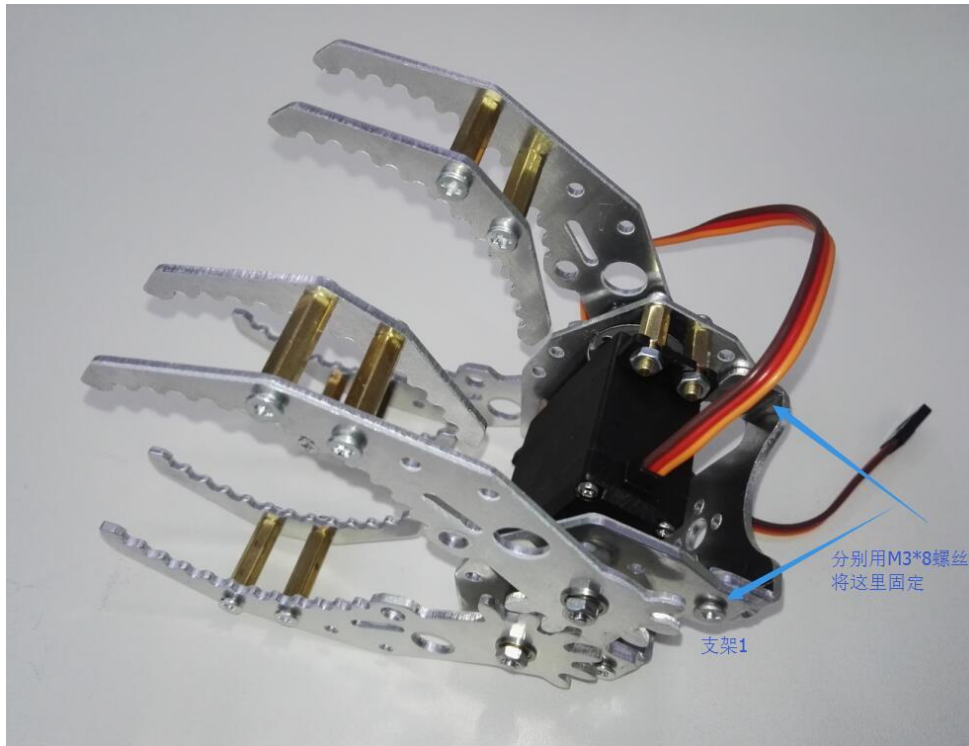


## Step 8 Install the base

Required materials: the components completed in step 4, 1pcs base, 4pcs M3\*8 screws, 4pcs M3 nuts;

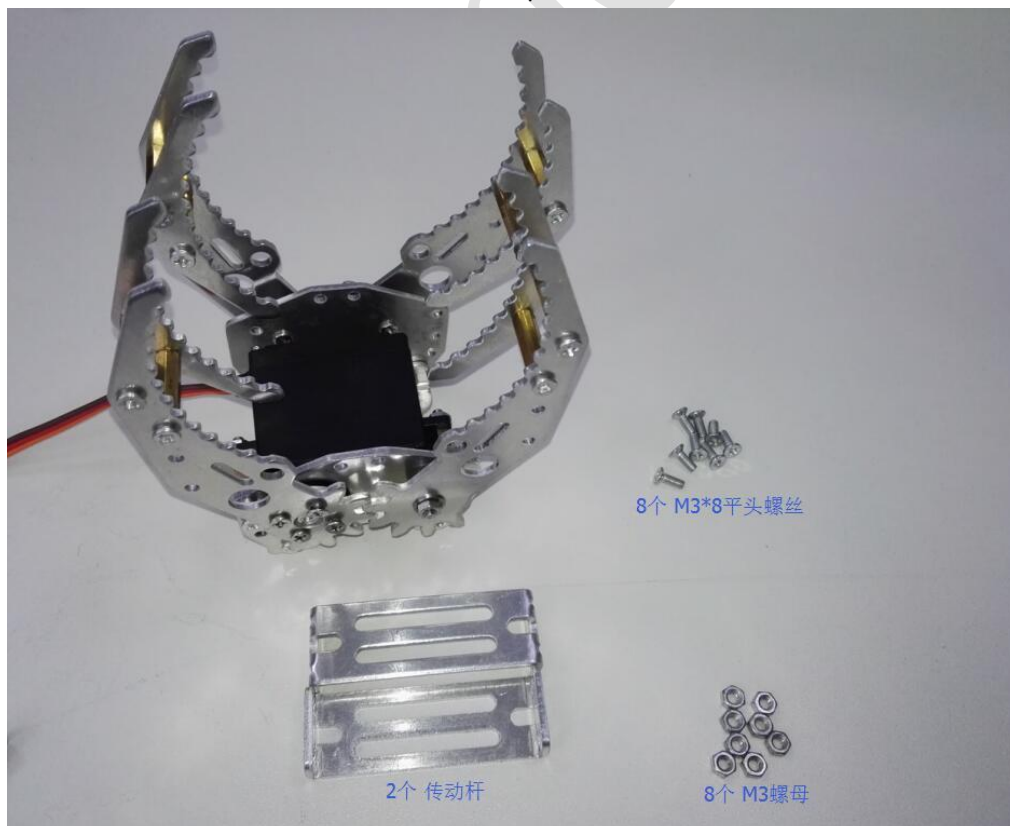


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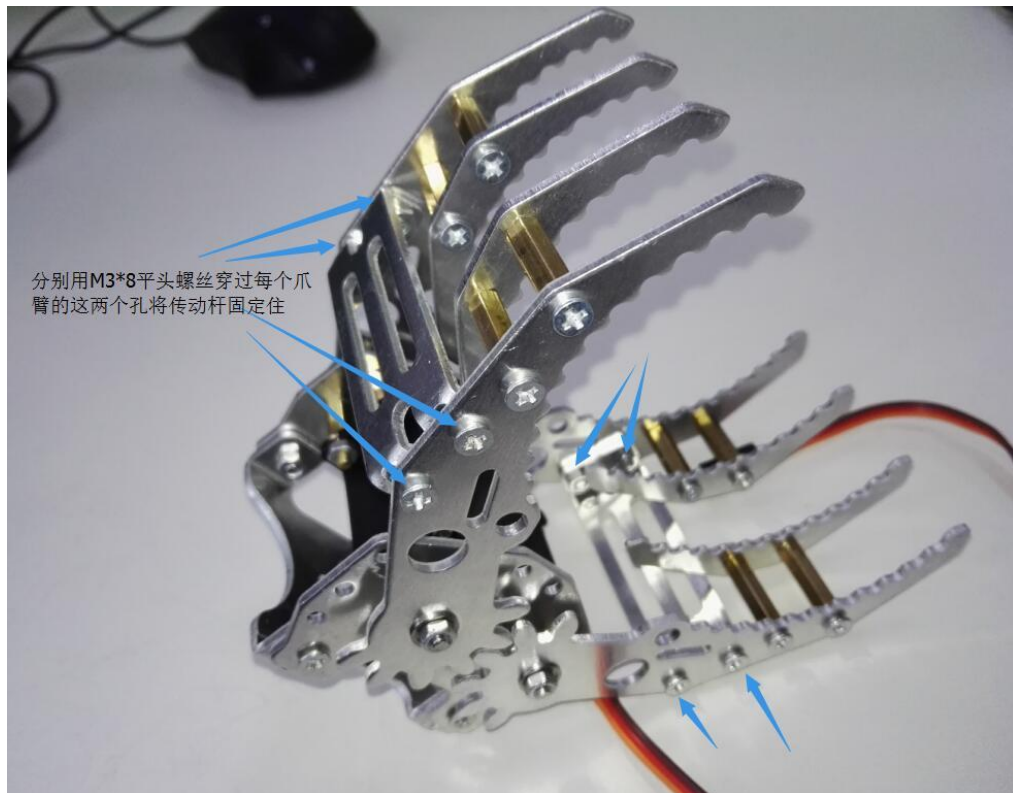
## Step 9 Install the transmission rod

Required materials: the components completed in step 8, 2pcs transmission rods, 8pcs M3\*8 flat head screws, 8pcs M3 nuts;

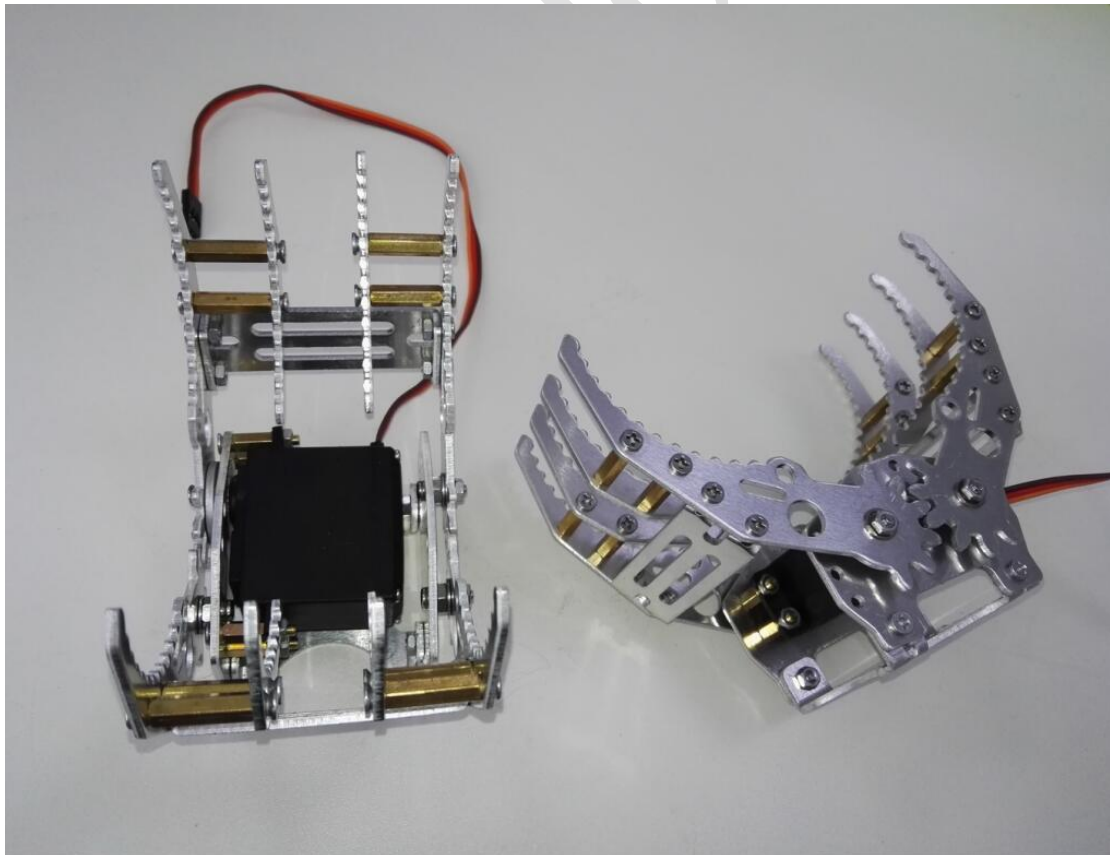


Install as the picture:





Finished.





### **3. Key points**

**1) When installing the claw arm 1 and the claw arm 2, the claw arms on the left and right sides of the steering gear can be symmetrical as much as possible, so that the rear of the transmission rod can be easily assembled.**

**2) When assembling the fingers, remember to match the front and back of the connected fingers, so that the teeth of the fingers will be more matched when the fingers are installed.**