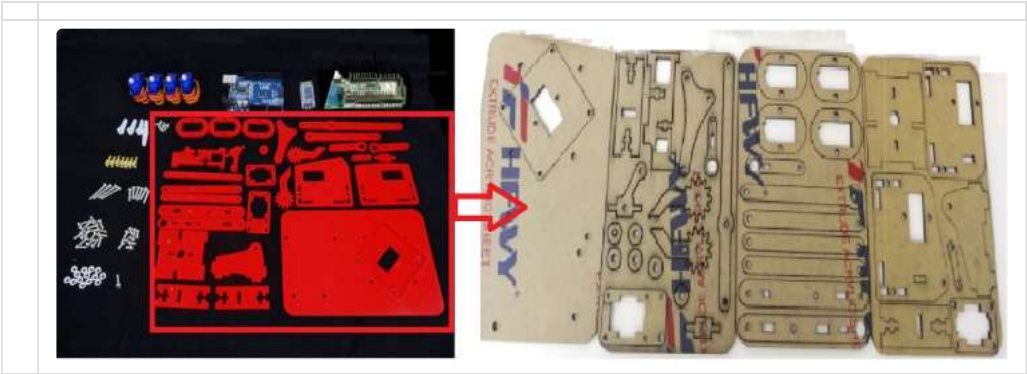


Step 1: Out of Box



Packaging List:

Name	PM3*30mm screw	PM3*10mm screw	PM3*8mmscrew	PM3*6mm screw	PM3 nut	Single head M3*9 copper nut	ser
QTY	4	12	15	15	16	7	4

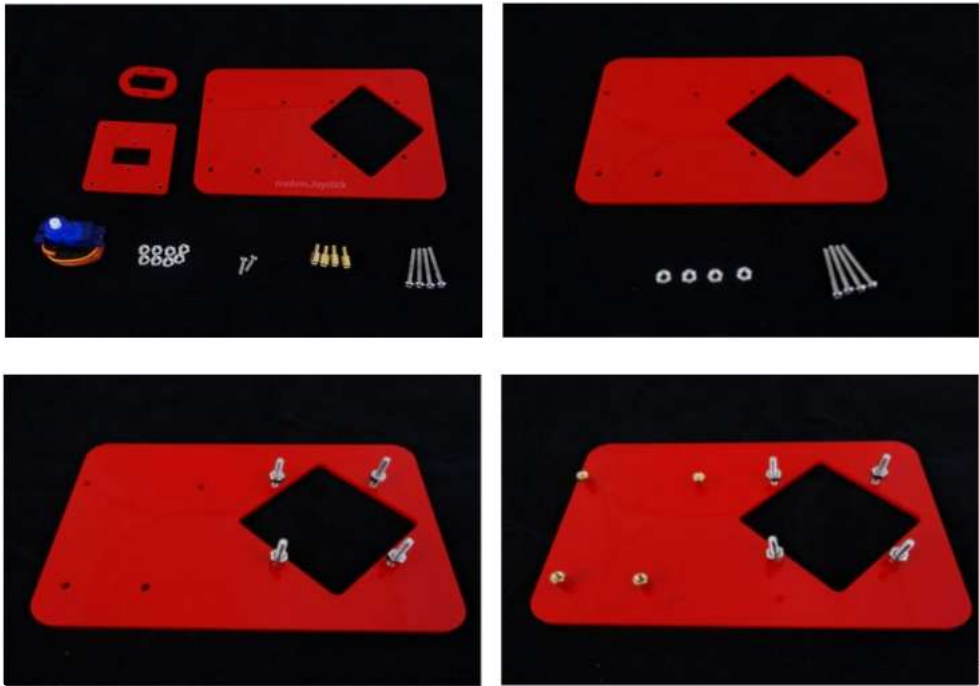
Control The Suite:

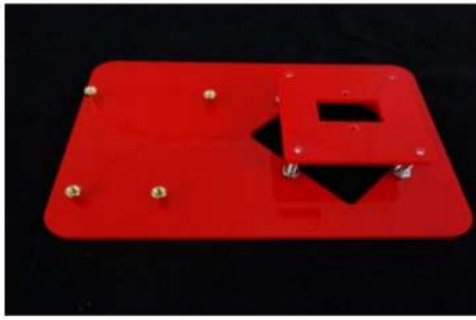
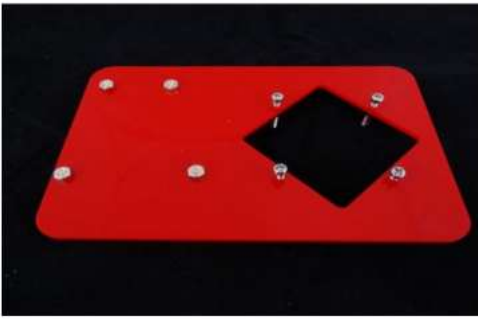
- Arduino UNO R3 x 1
- 4 Motor && 16 Servo Board x 1

Step 2: Base

Necessary screws:

- 1. 30 mm x 4 Cooper Pillar x 8
- 2. Single head the pillars x 4



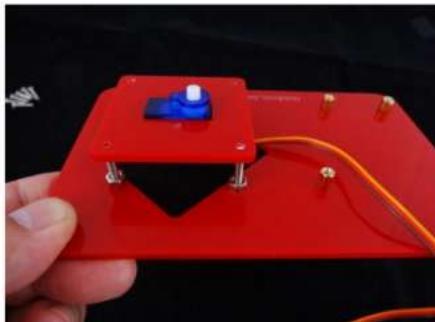
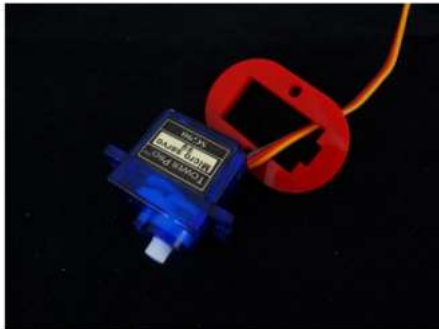
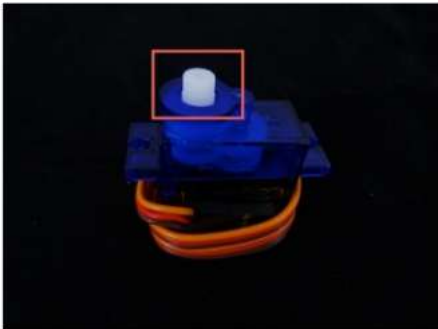


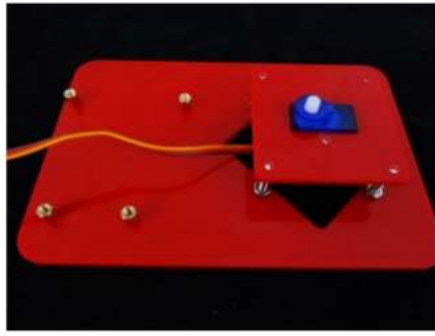
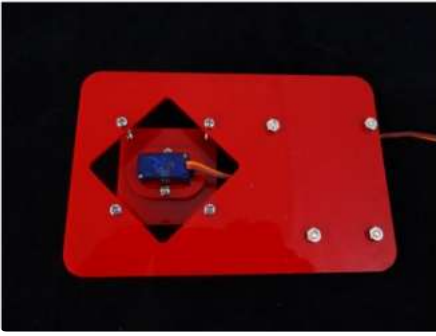
Step 3: First Servo

As the first figure, please choose the servo with the longest axis. Please pay special care in each servo installation because servo can only rotate 180 degrees instead of 360 degrees.

Necessary screws:

1. 8mm x 2



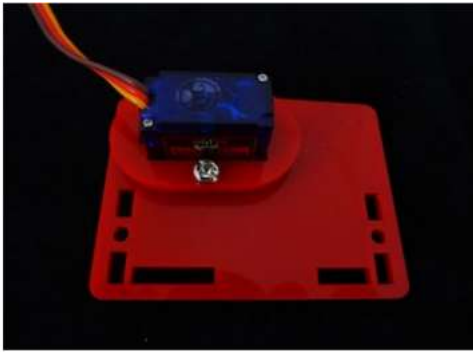
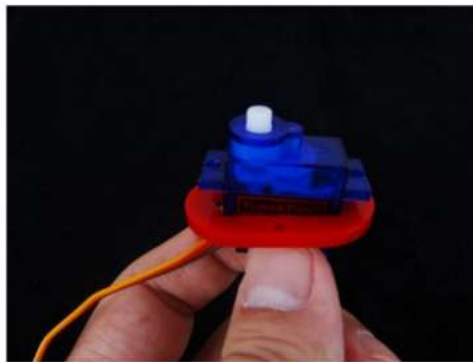


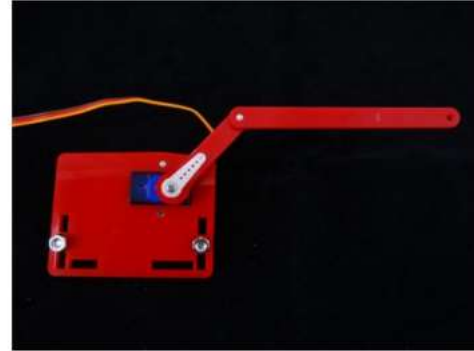
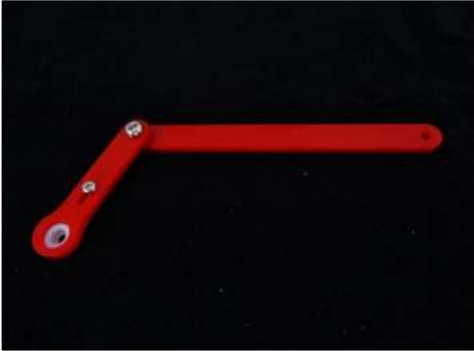
Step 4: Left Arm

Please attach the stick and rotate the servo clockwise until it stops. Then fix the stick as the last fourth figure. Necessary screws:

1. 12mm x 3

2. 8mm x 2

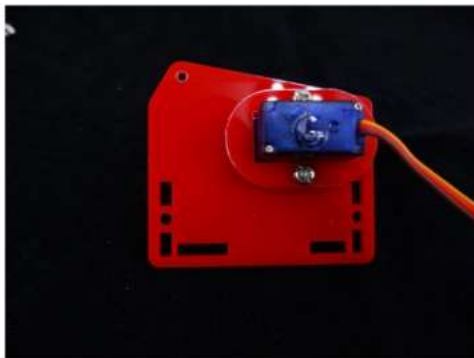


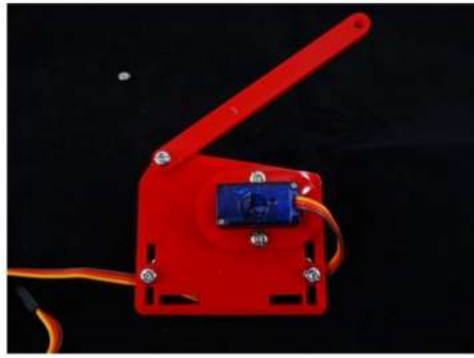
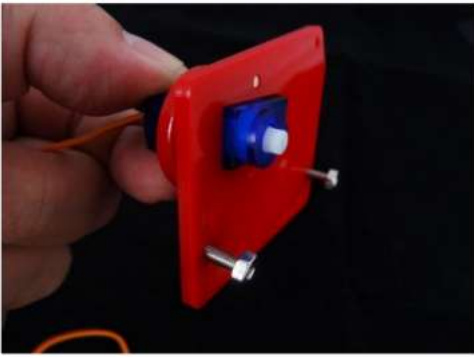


Step 5: Right Arm

Please attach the stick and rotate the servo clockwise until it stops. Then fix the stick as the last figure. Necessary screws:

1. 10mm x 3
2. 8mm x 2
3. 6mm x 1



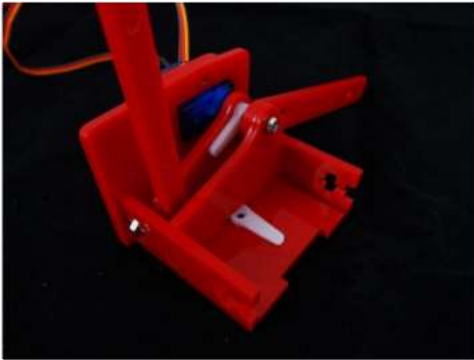
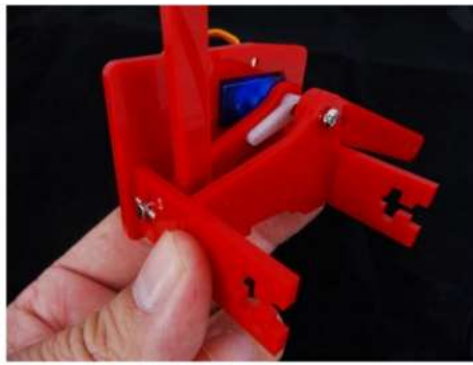
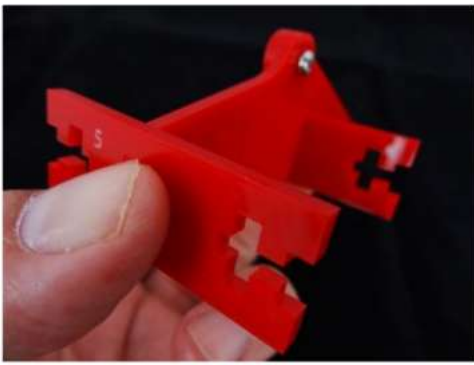


Step 6: Left Arm + Chassis

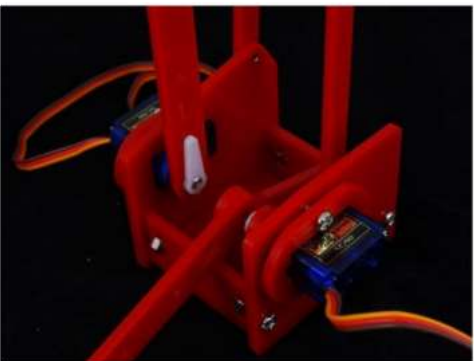
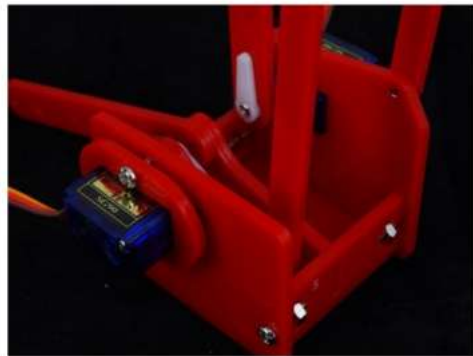
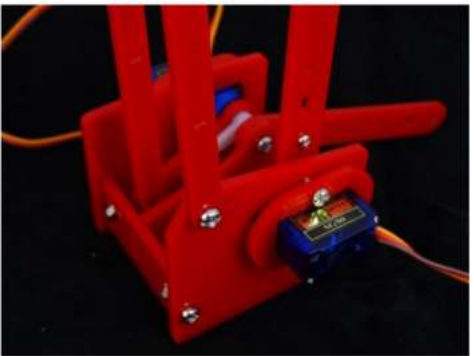
Necessary screws:

1. 10mm x 2
2. 6mm x 1

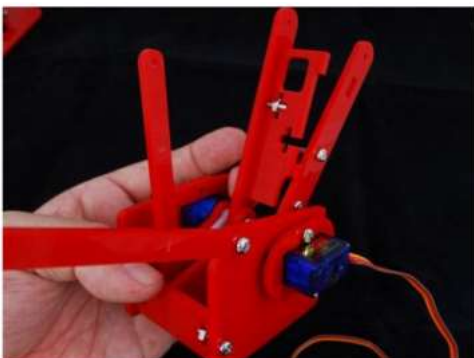




Step 7: Right Arm + Chassis

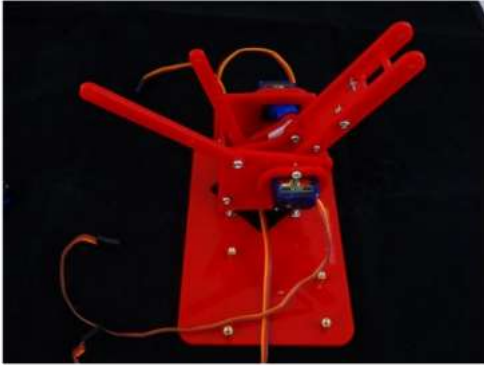


Step 8: Middle Column



Step 9: Merging With The Base

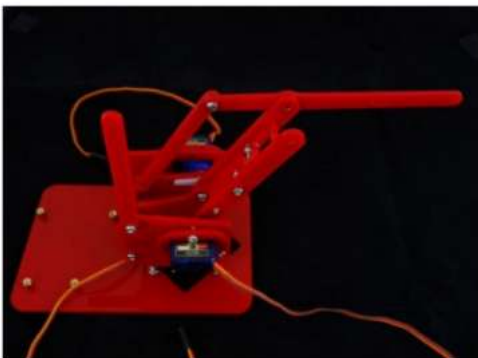
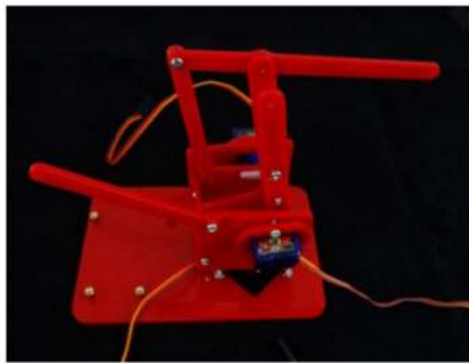
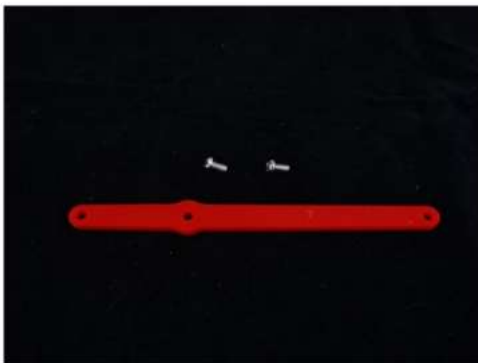
Please attach the chassis to the base, rotate the servo clockwise until it stops. Then fix the servo on the base as the last figure.



Step 10: Branch 1

Necessary screws:

6mm x 2

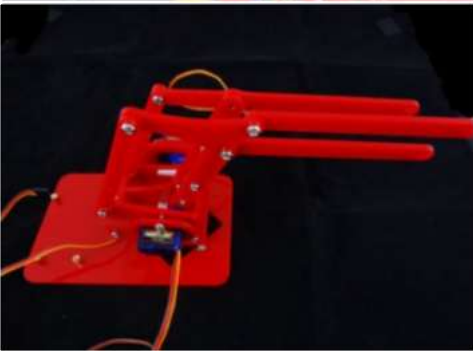
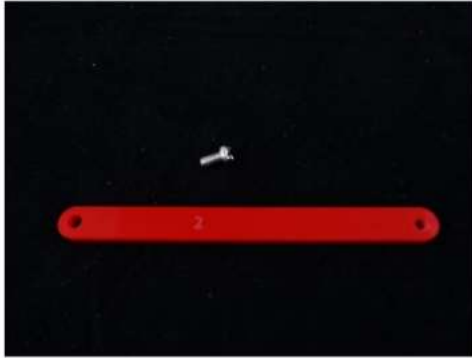
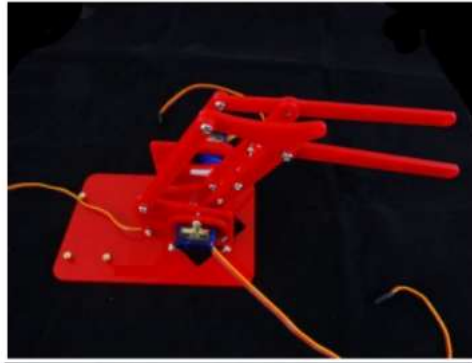


Step 11: Branch 2

The number of the branch is 2. Necessary screws:

1. 8mm x 1

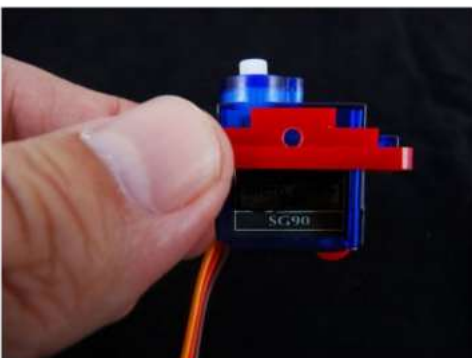
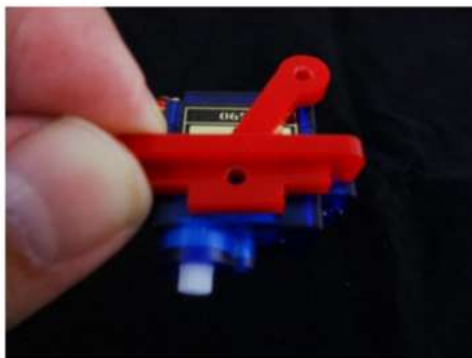
2. 6mm x 2

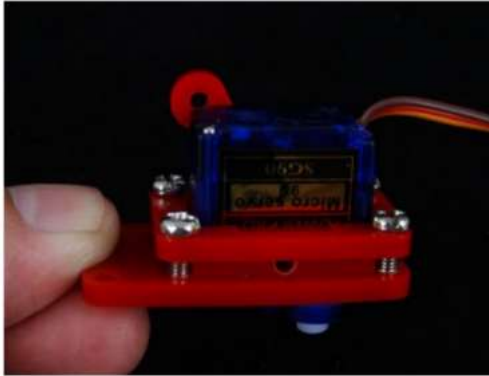
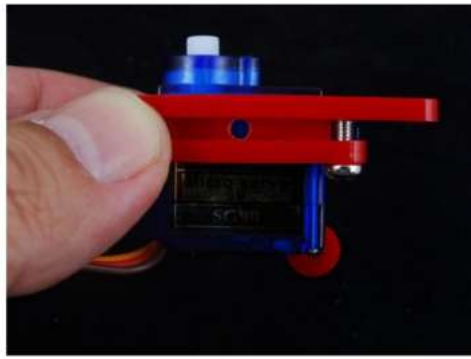
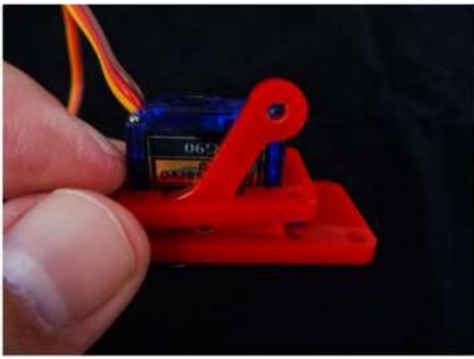


Step 12: Last Servo

Necessary screws:

8mm x 4



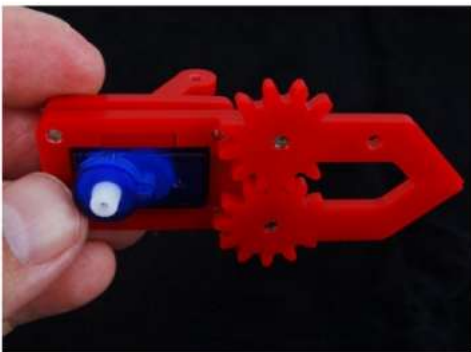
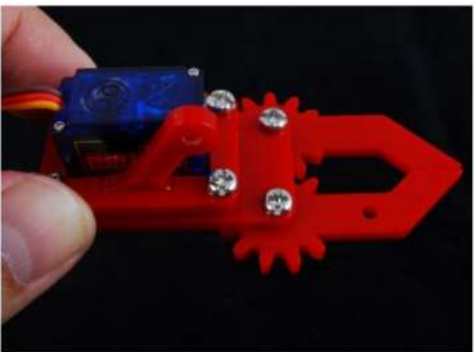
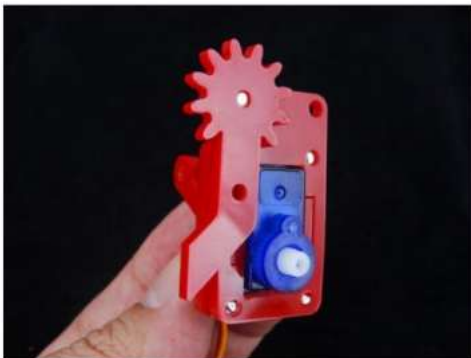
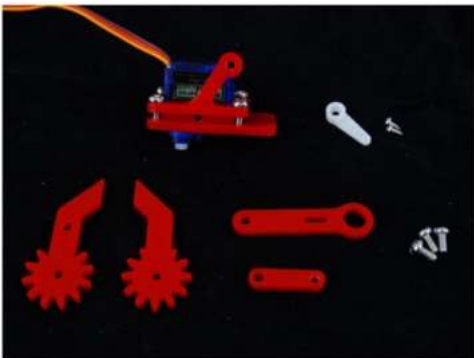


Step 13: Gripper 1

Necessary screws:

1. 8mm x 1

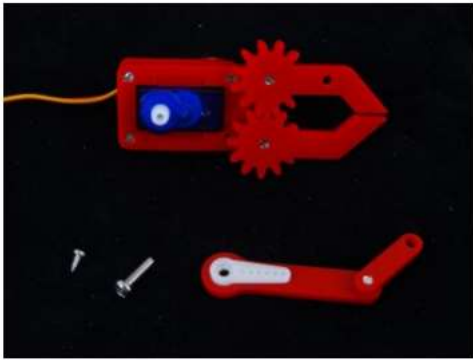
2. 6mm x 3



Step 14: Gripper 2

Rotate the servo clockwise until it stops and fix it as the last second figure. Rotate counterclockwise a little bit to connect the stick and the gripper.

10mm x1



Step 15: Attach The Gripper

8mm x2

6mm x1

