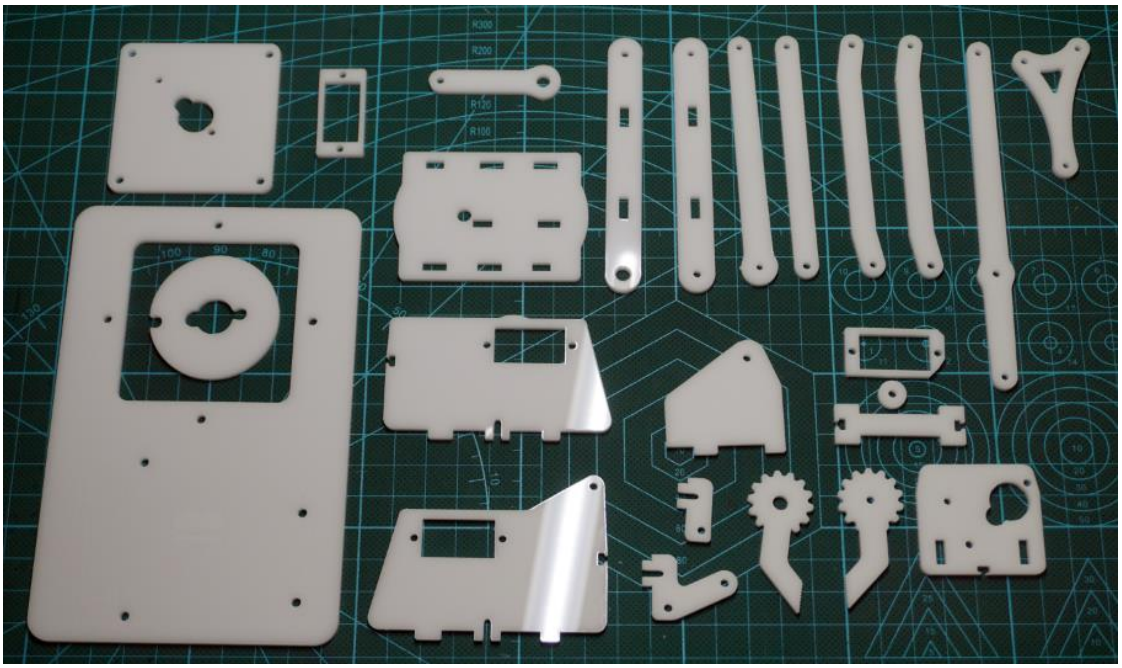
Mini Arm V4.0

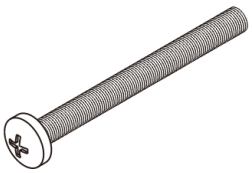
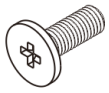
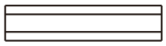
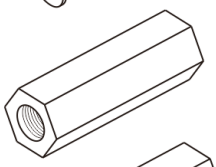
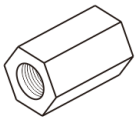
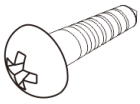
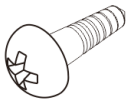
Installation Instructions

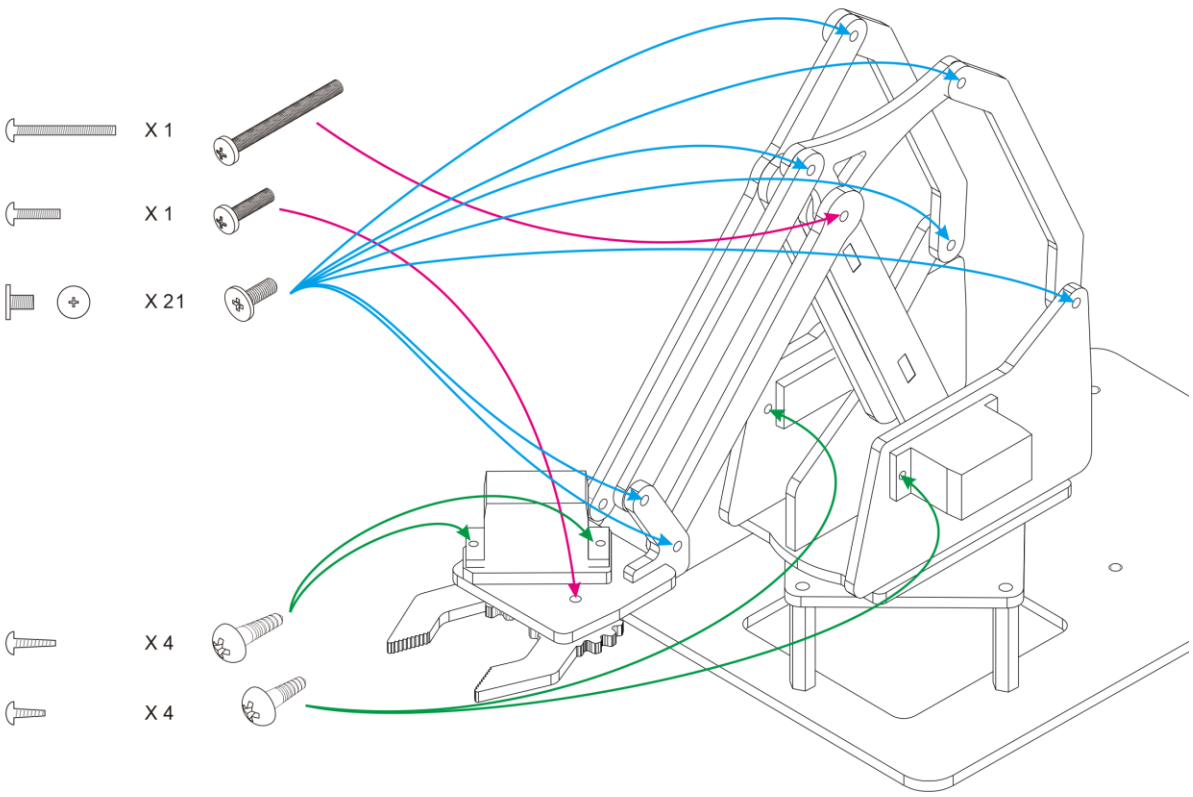
1. START



Remove the part from the board.

Remove the protective film.

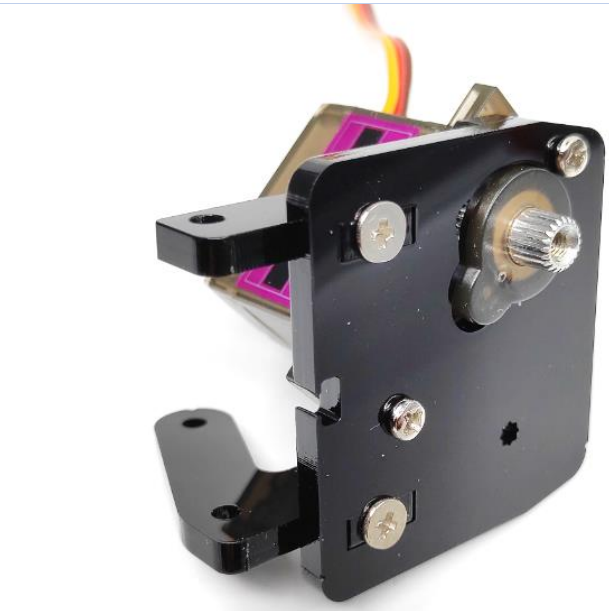
Upper and lower Arm connecting shaft		X 1	
Left claw shaft		X 1	
Copper column/Joint shaft/ Base fixing screw		X 21	
Rack fixed/ Servo shaft fixed		X 8	
Fixed Arduino Motherboard		X 4	
Base copper column		X 4	
Arduino Motherboard Copper column		X 4	
Claw/Base Servo screw		X 4	
Left and Right Servo screws		X 4	

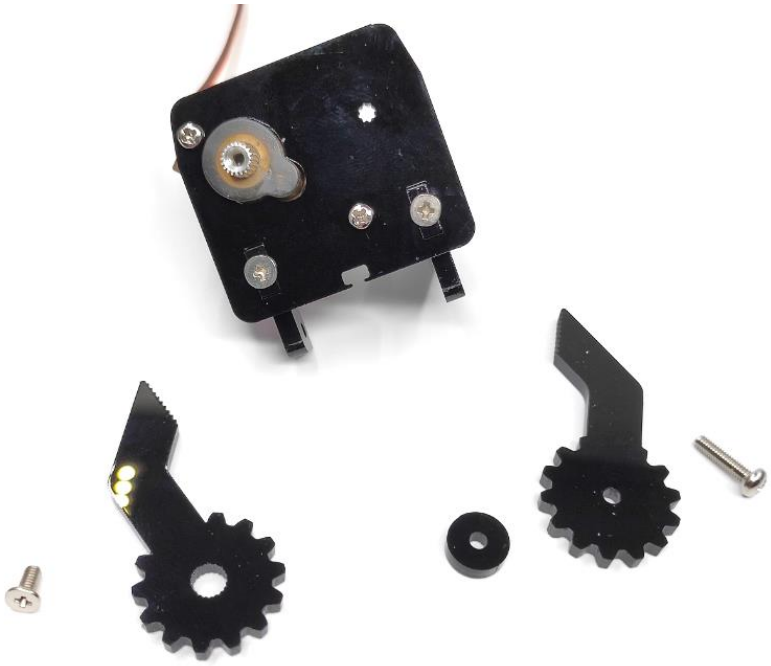

X 1
X 1
X 21
X 4
X 4

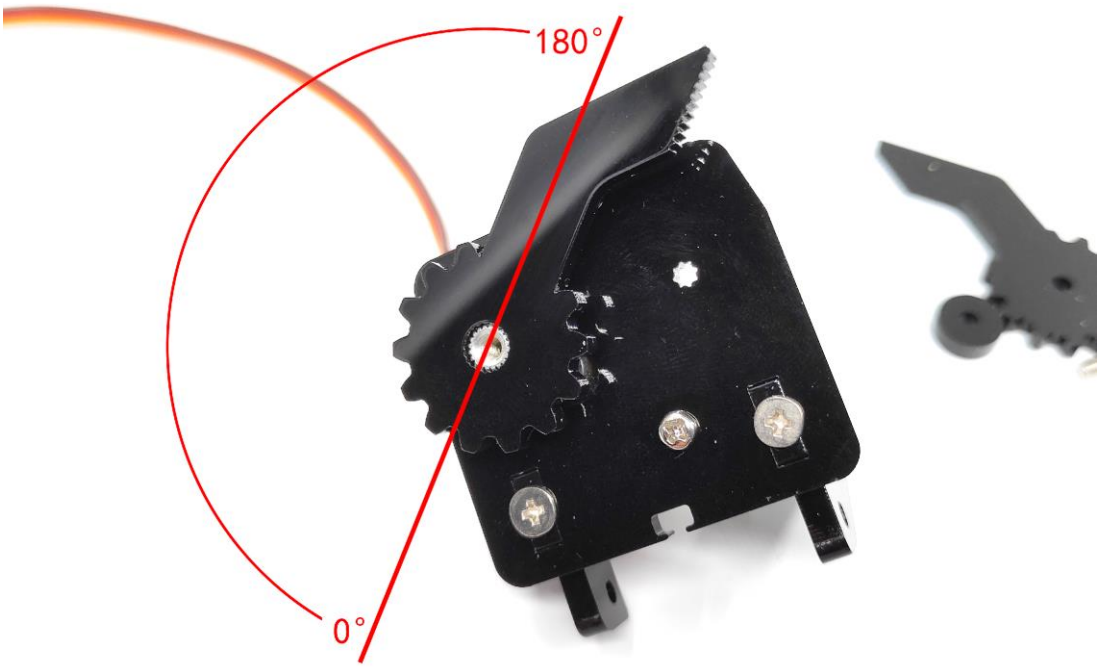
2. Start with simple parts

1 Servo，2 Long set screw，Claw parts

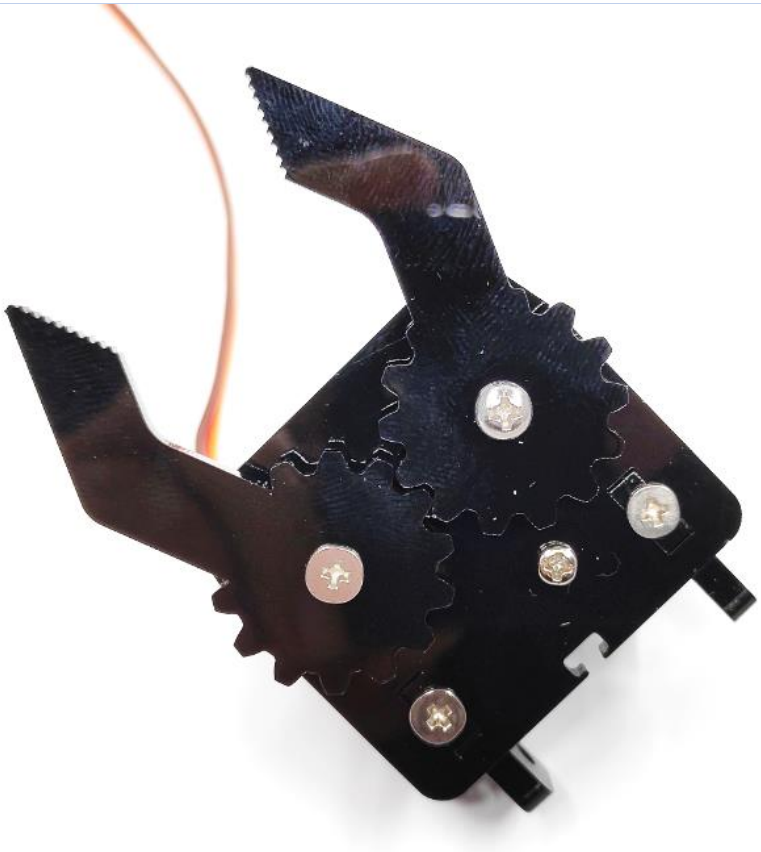
Be sure to insert the acrylic parts vertically, and do not shake them from side to side, otherwise they may crack.







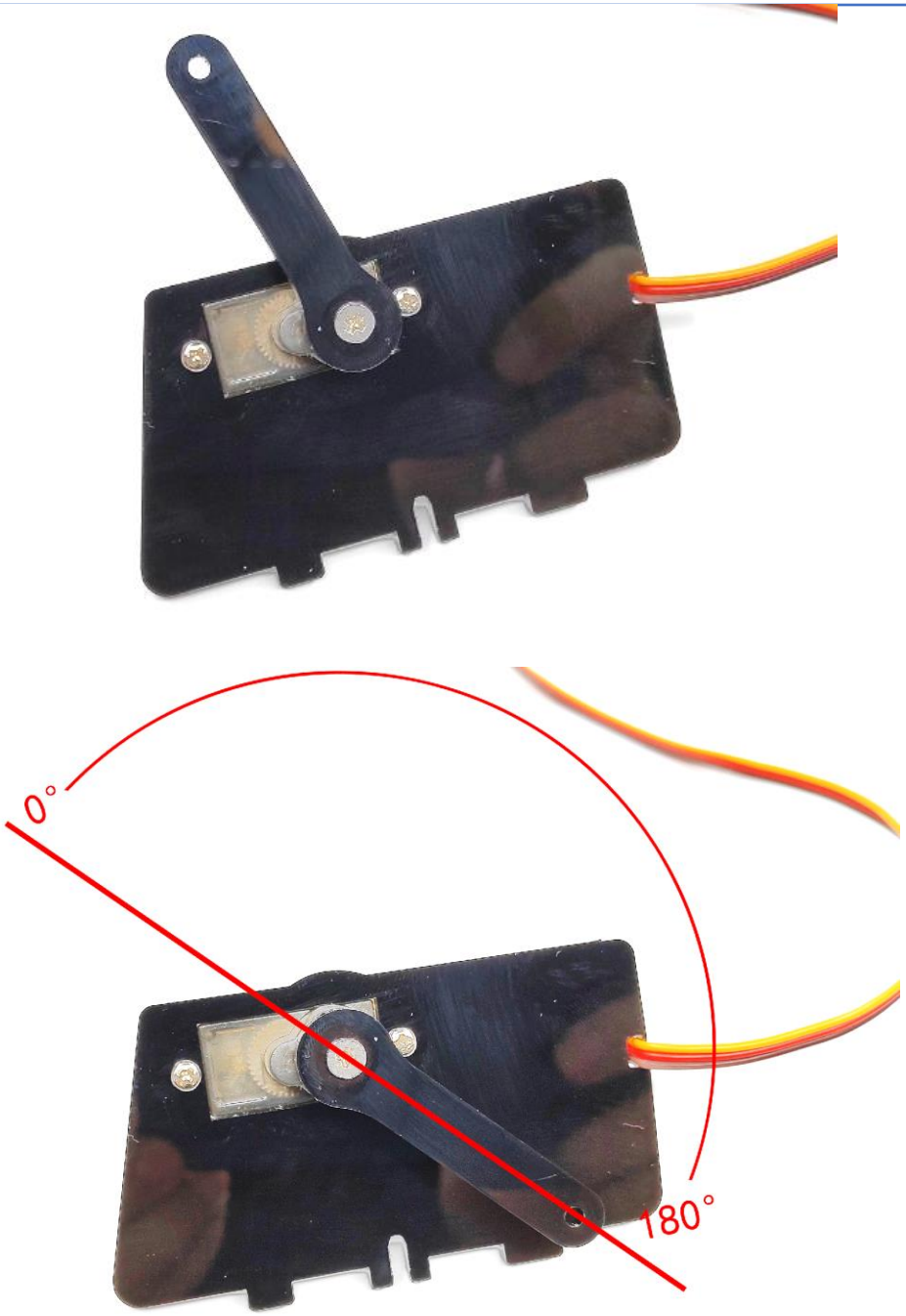
The mounting position of the claw has a range of motion between 0° and 180° degrees.



The claws are all installed.

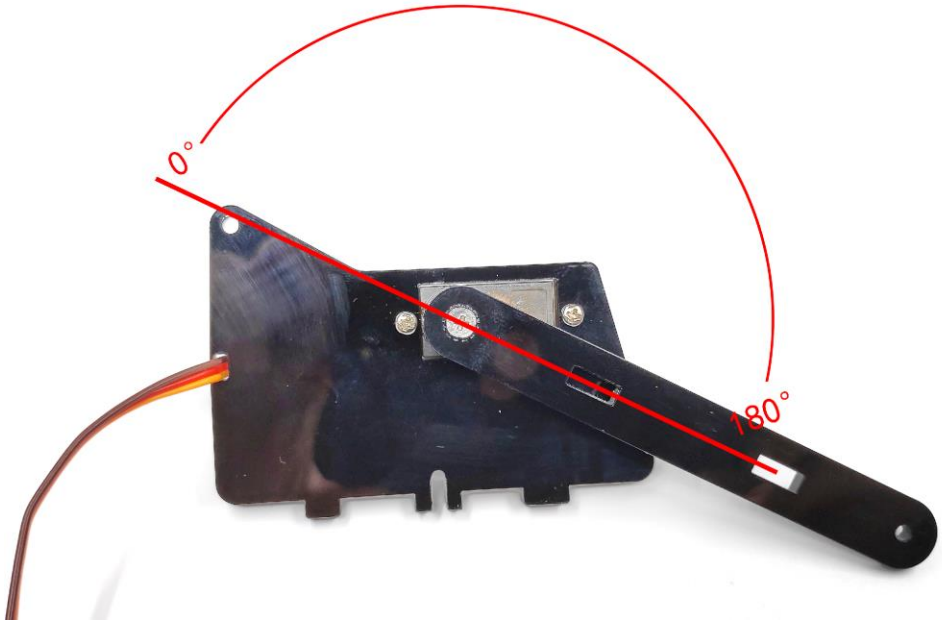
3. Officially begin

Install the Right Arm Servo.

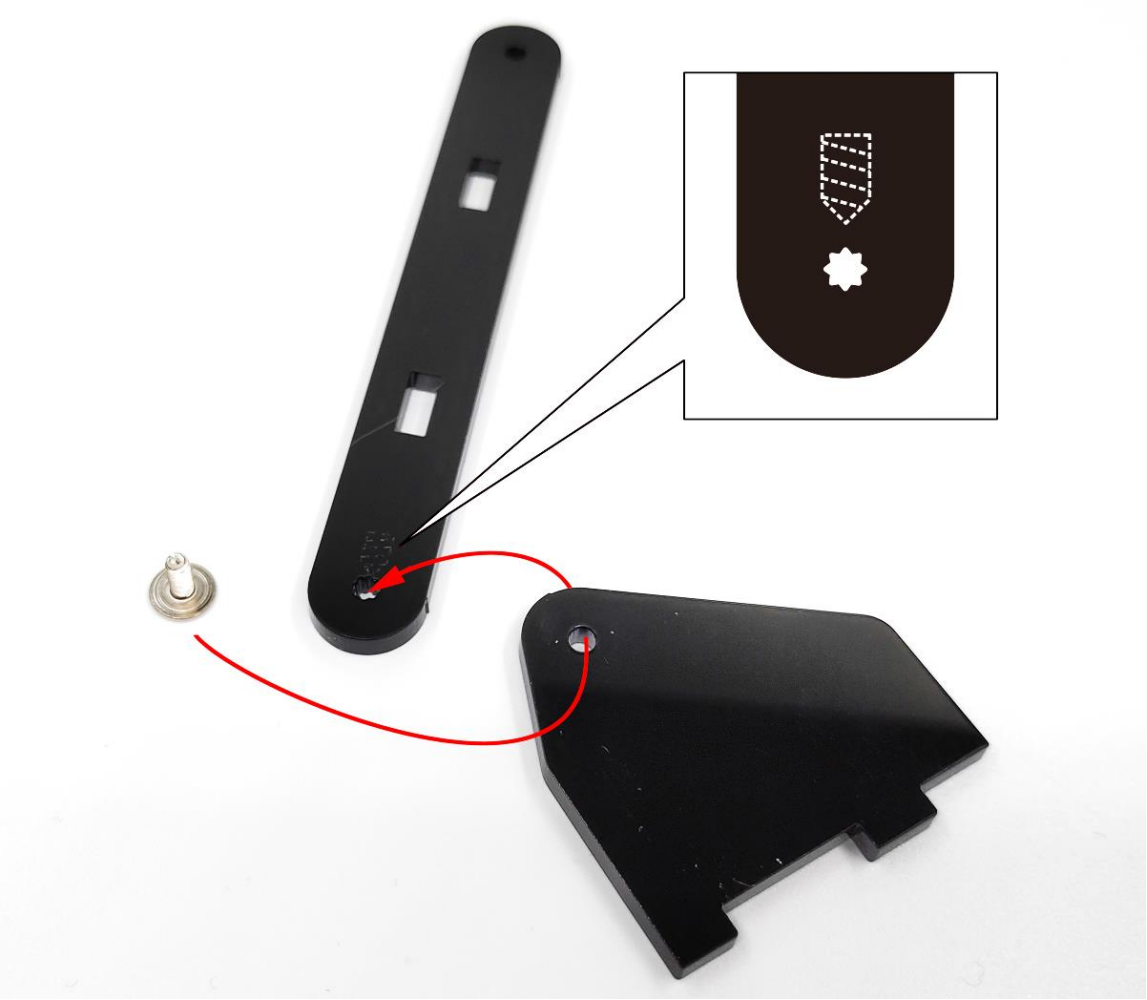


Installation position of swing arm.

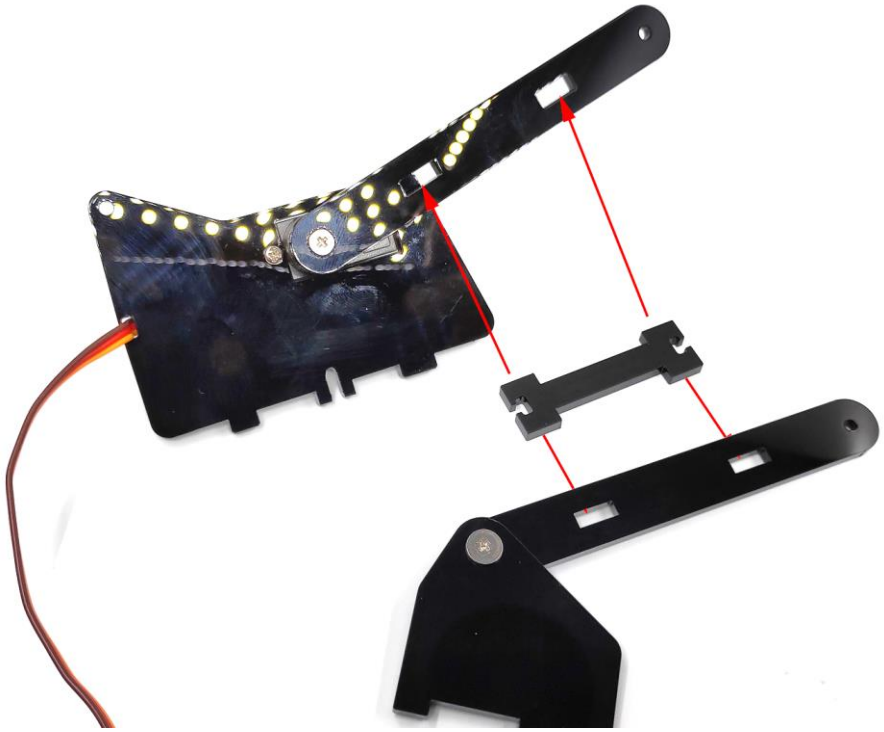
Install the Left Arm Servo. Same as the right arm.



The range of motion of the big arm.



The other side of the big arm - Joint Screw. Tighten first, then back 1/4 turn to allow the two parts to rotate freely.

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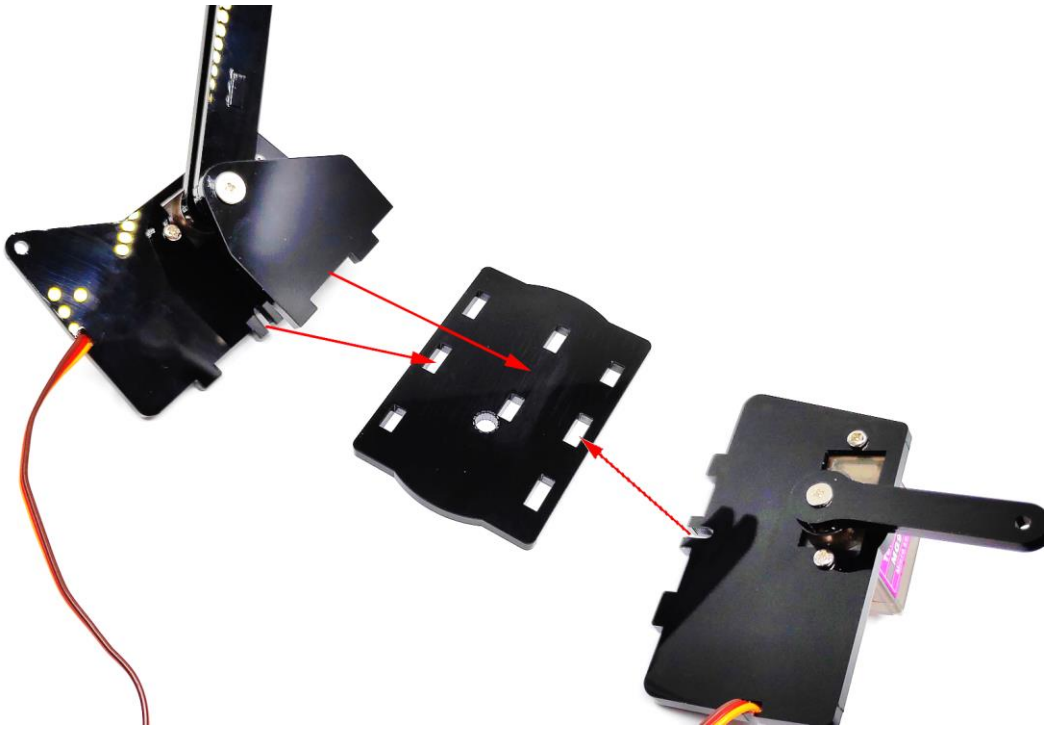
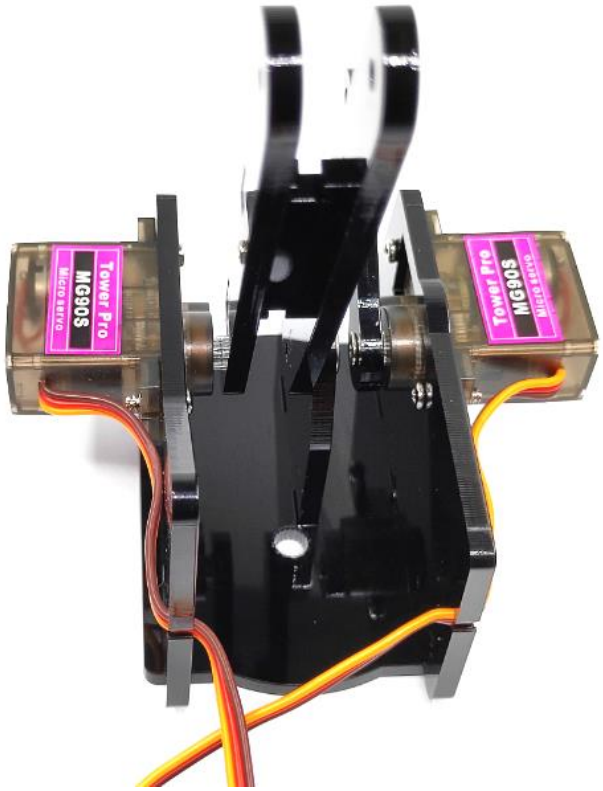
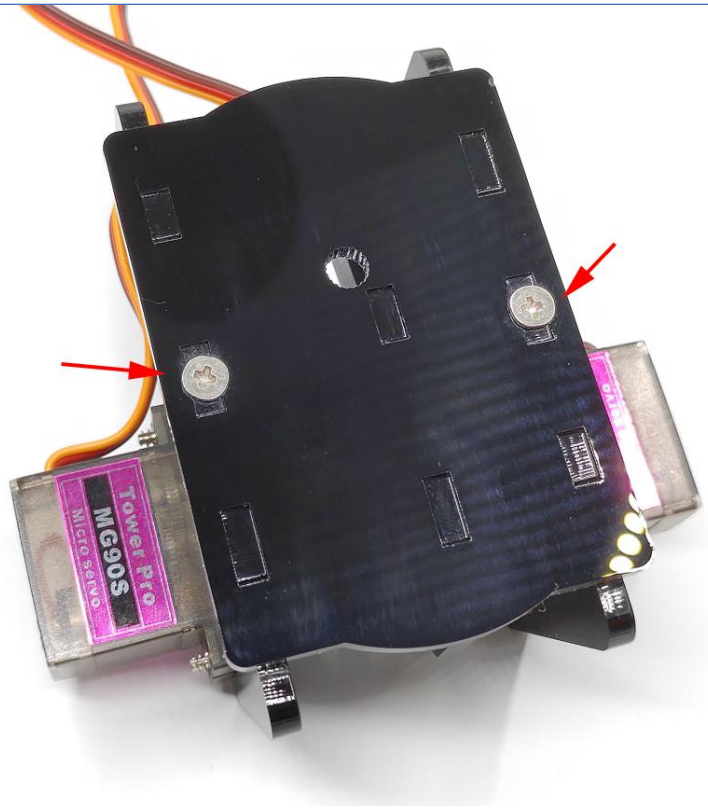
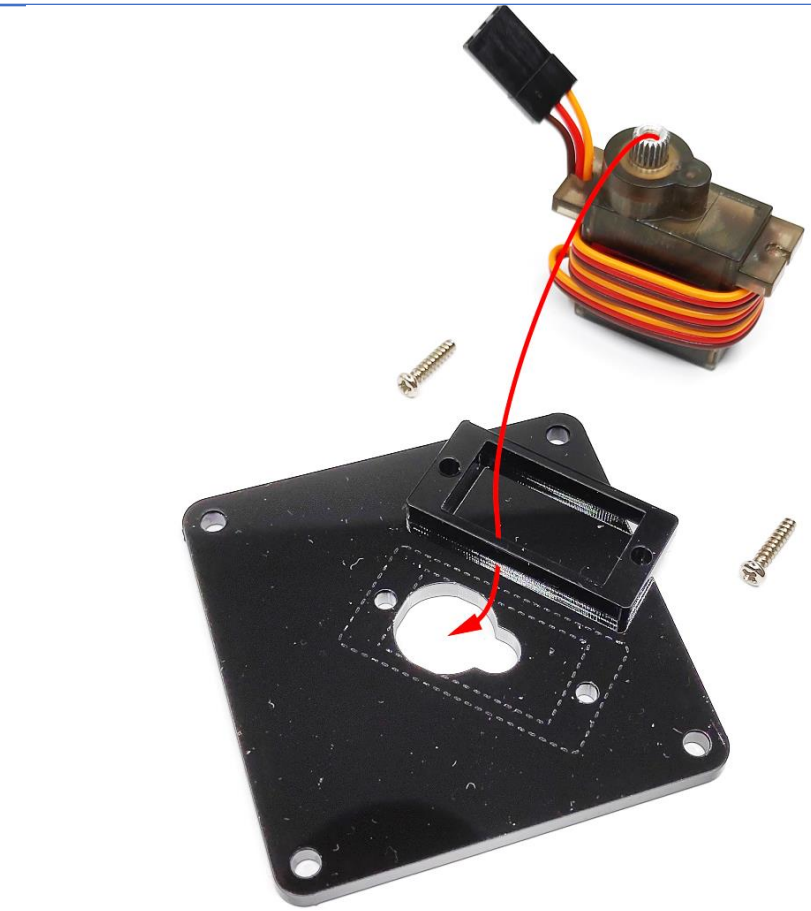
4. Assemble the body

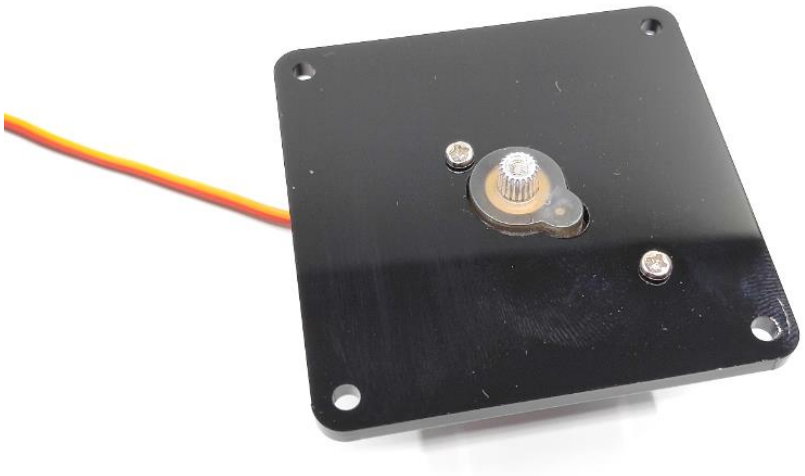


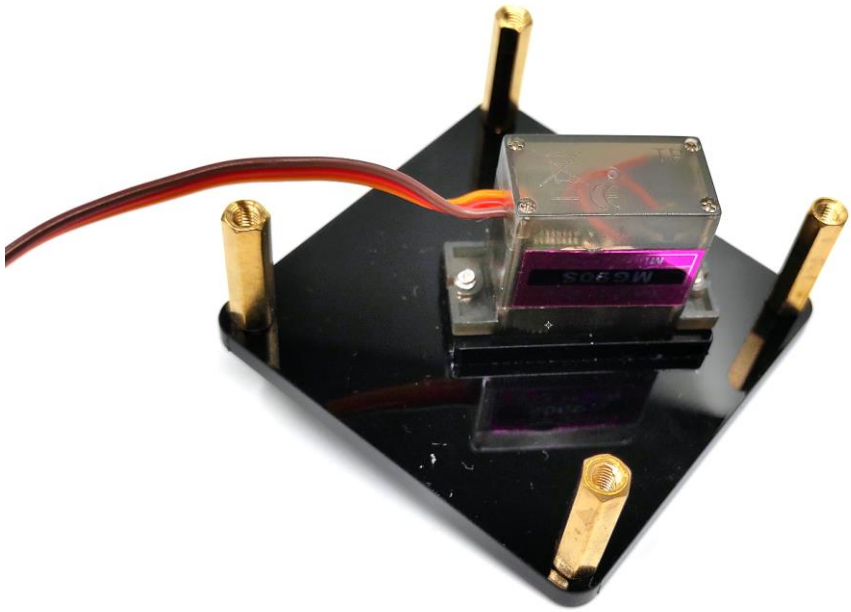




Lightly tighten the 2 screws under the base.



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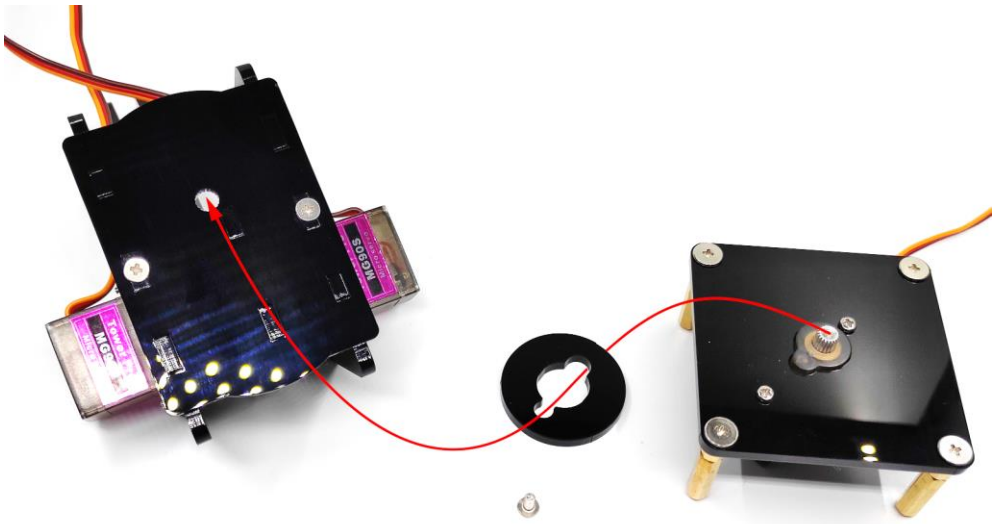
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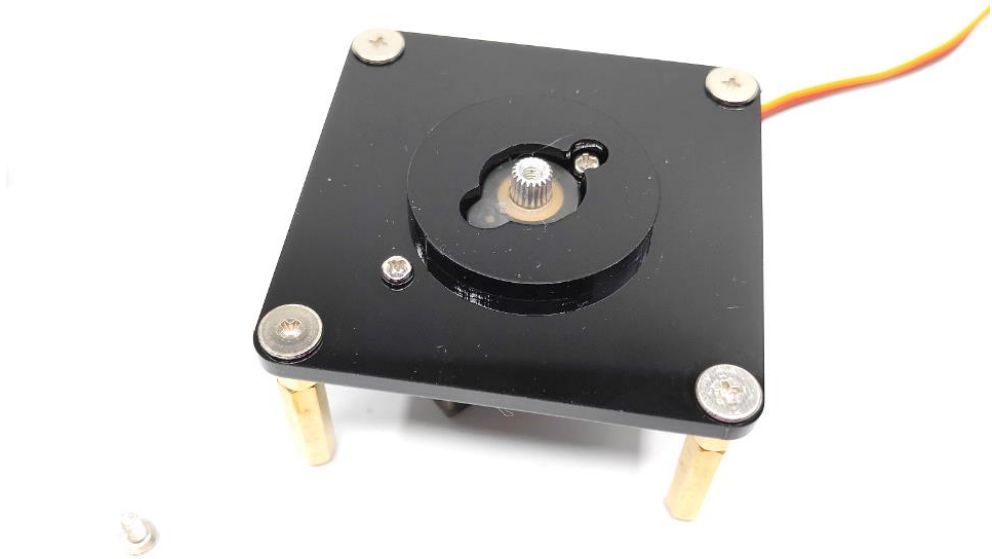

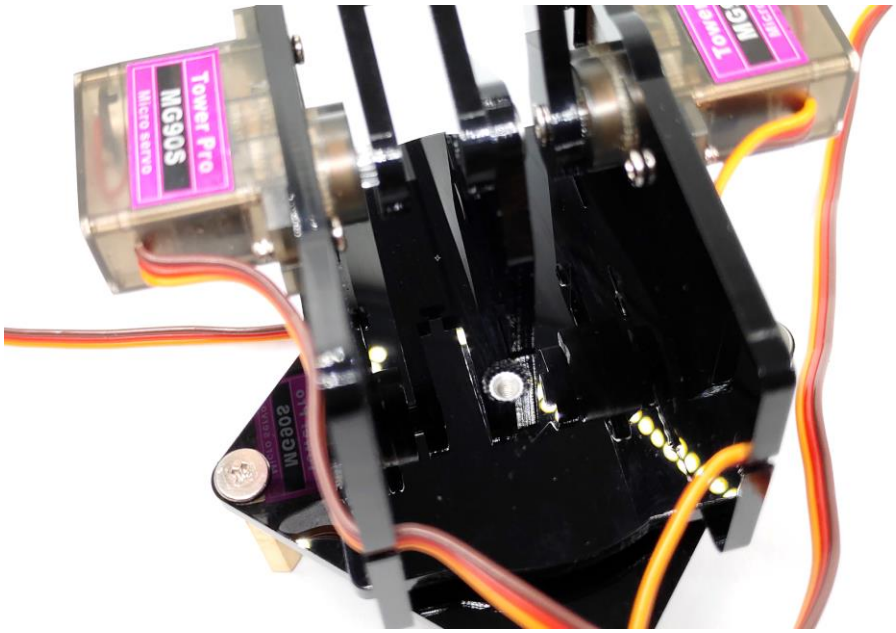
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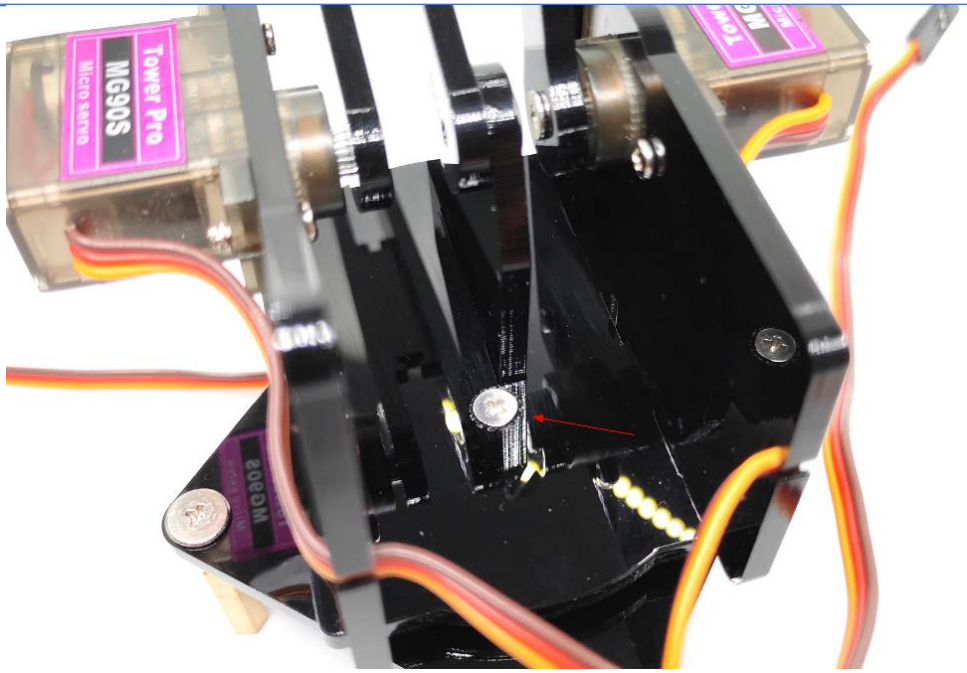
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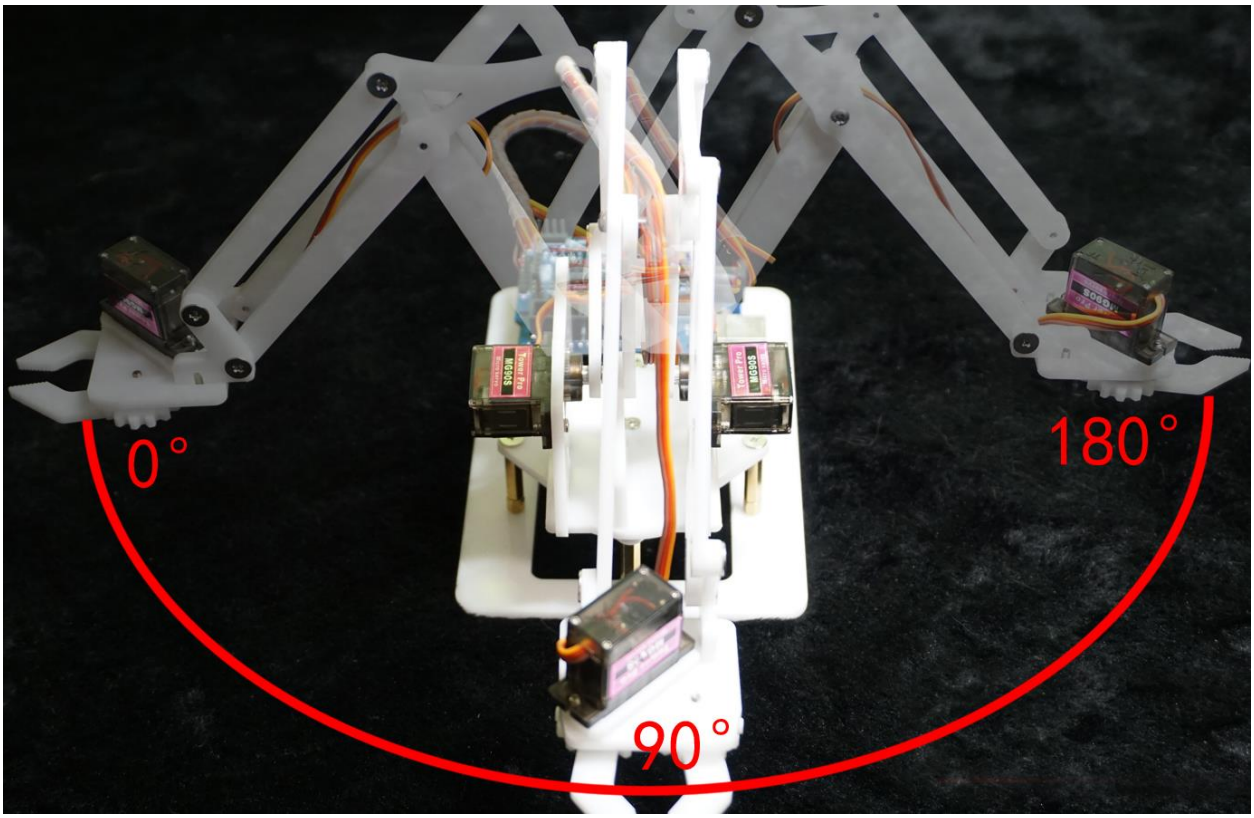
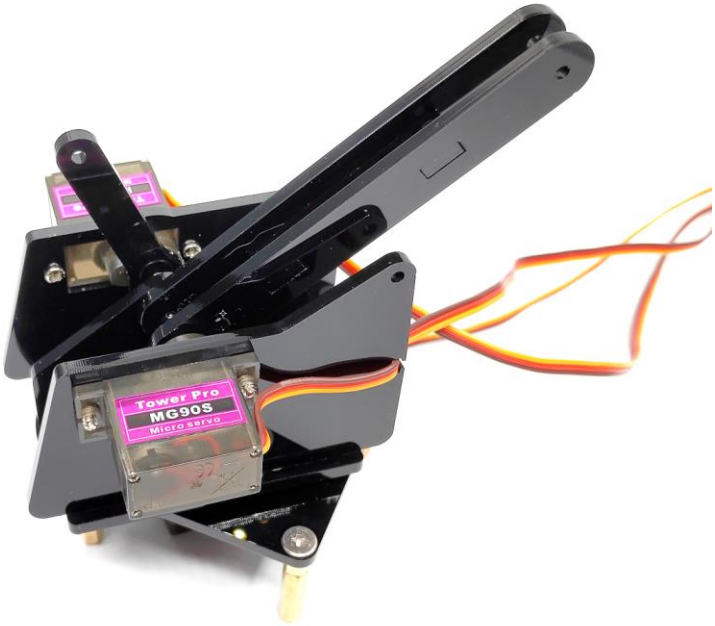
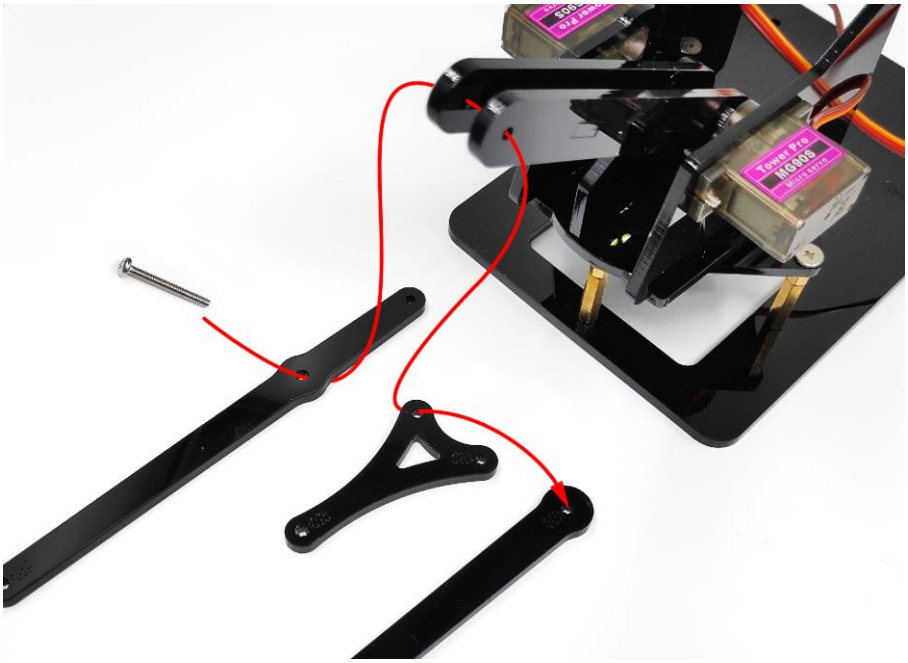
Micro servo


0°
90°
180°

5. Install Upper Arm and Connecting Rod





Do not tighten the joint screws, so that the parts can rotate freely.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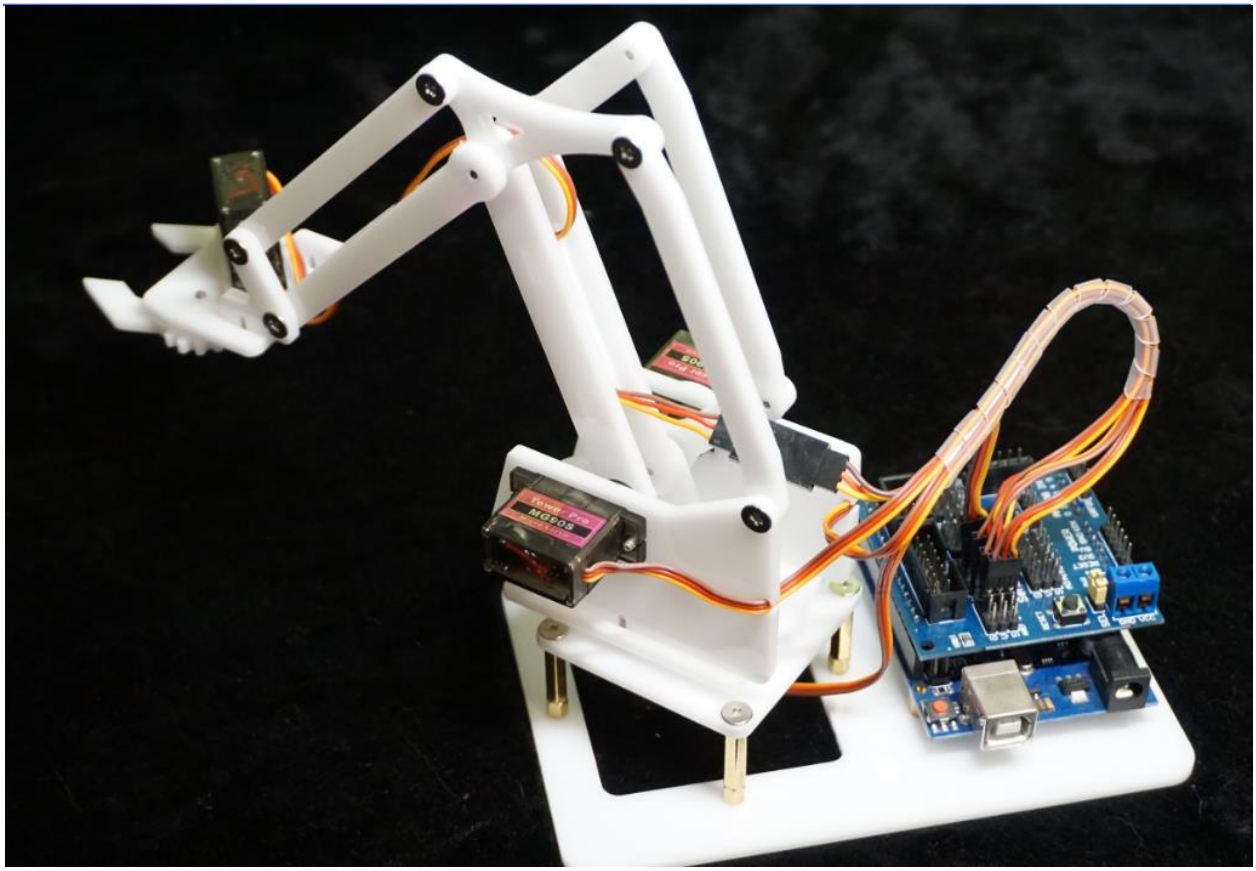

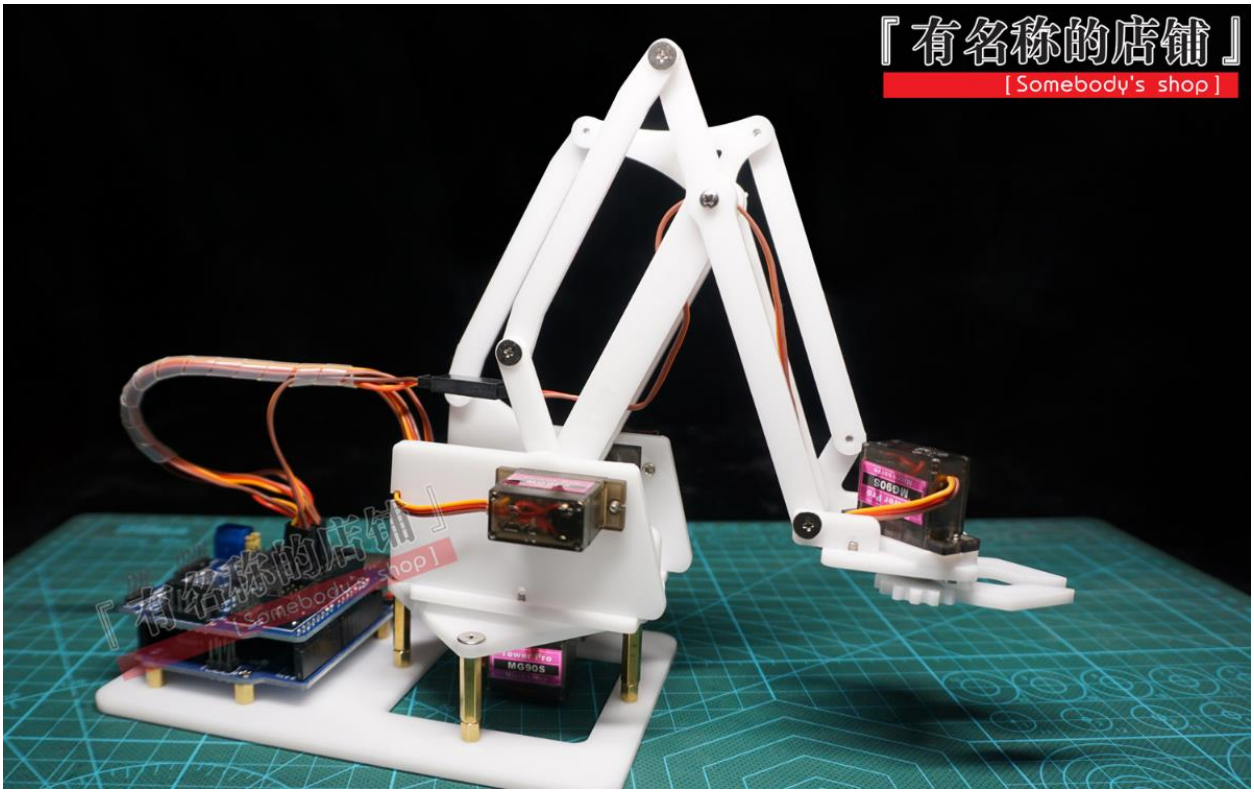
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