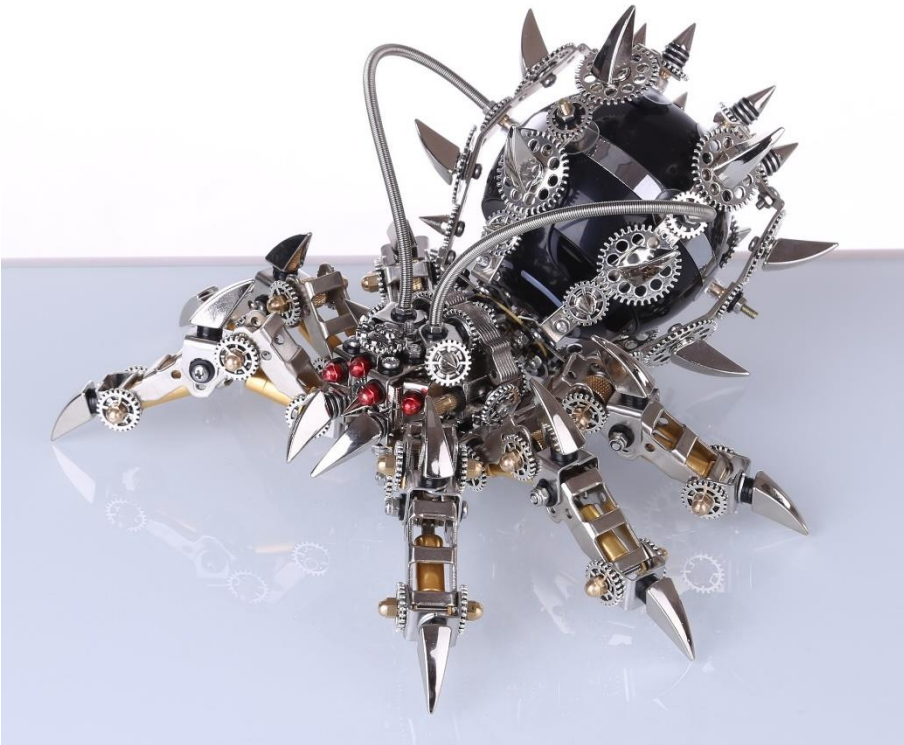

Assembly Instructions

— — Mechanical Spider



Parts List

No.	QTY	No.	QTY	Name	QTY	Name	QTY
2	28	23	2	M3 Gasket (Black)	240	M3 Universal Nut	60
3	18	27	8	M3 Gasket (Silver)	30	M3 Locknut	24
4	74	39	1				
5A	12	41	2	Double-end M3*25	20	Block (Red)	6
5B	5	42	1	Double-end M3*16	14		
7	6	F3	2				
8	60			m3*6 (Flat)	10		
9A	6			m3*6	50		
9B	6			m3*10	50	Smart AI Speaker	1
10	8			m3*16	6		
11	6			m3*22	8		
12	6			m3*25	2	Screwdriver	1
18	26			m3*40	3	Needle Nose Pliers	1
19	14					Cross Sleeve	1
21	2						

Contents

1、 Leg

2、 Base

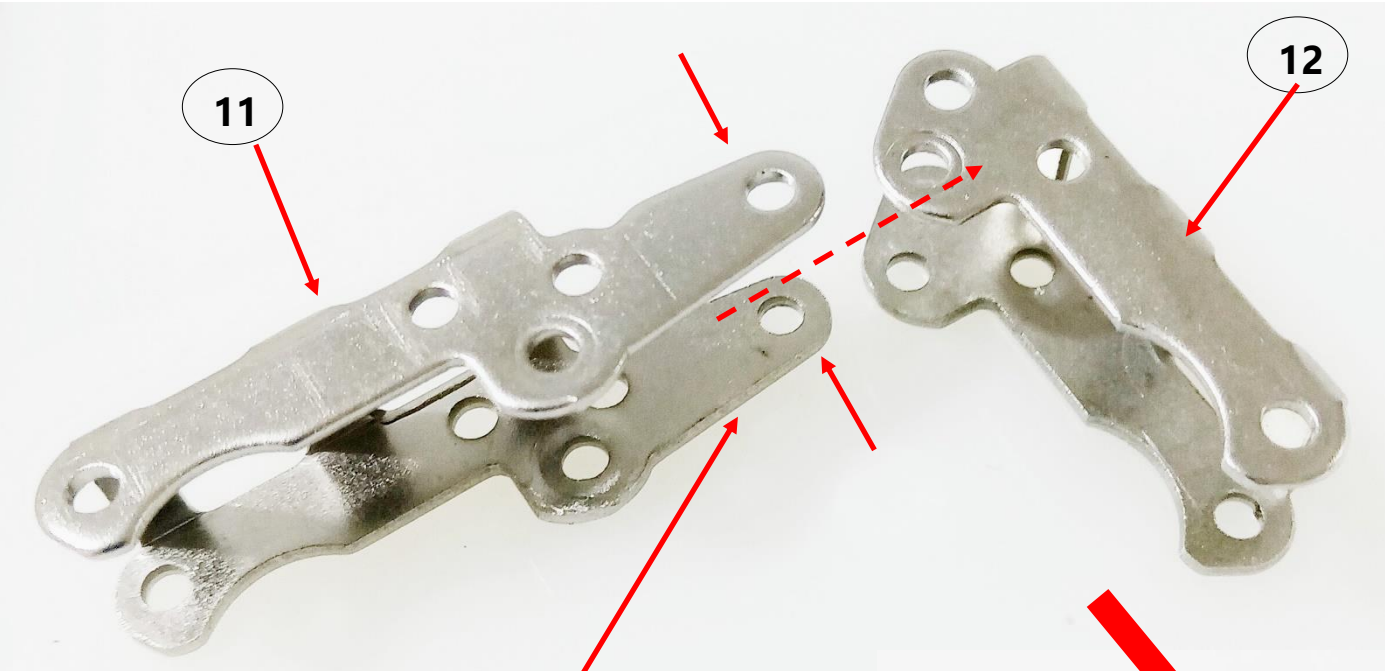
3、 Stomach

4、 Body

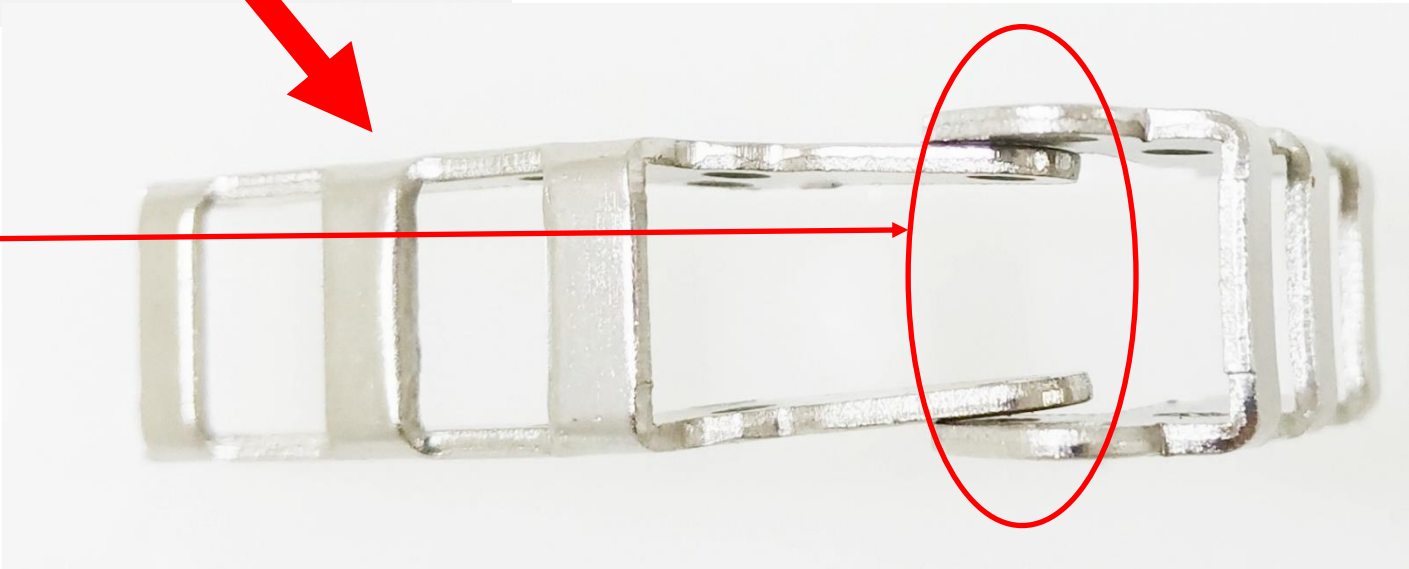
5、 Integral

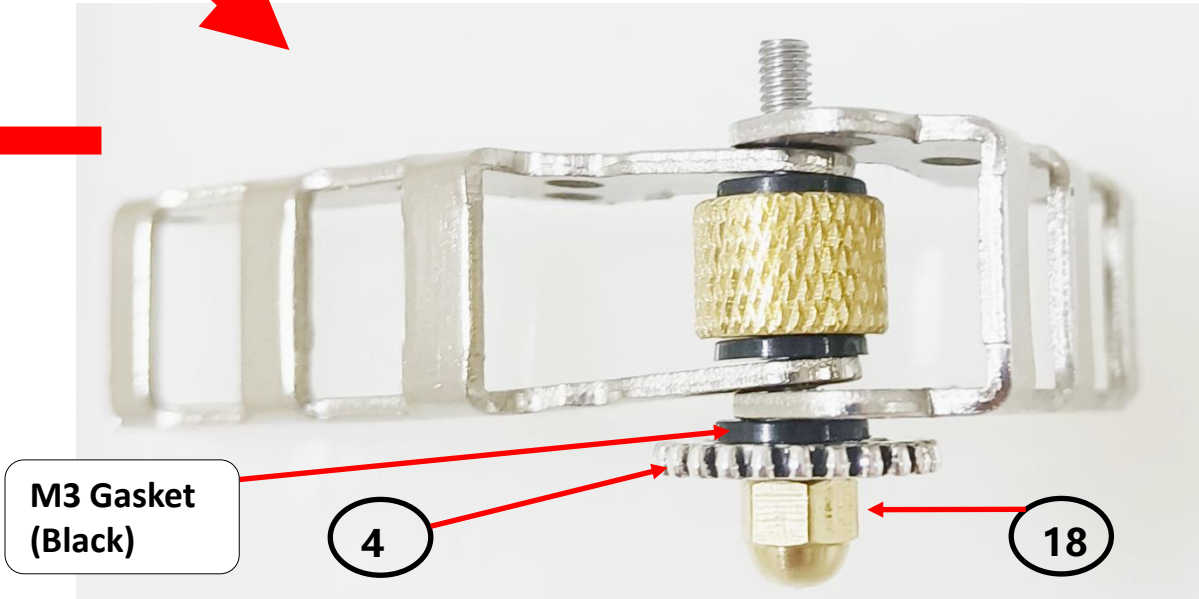
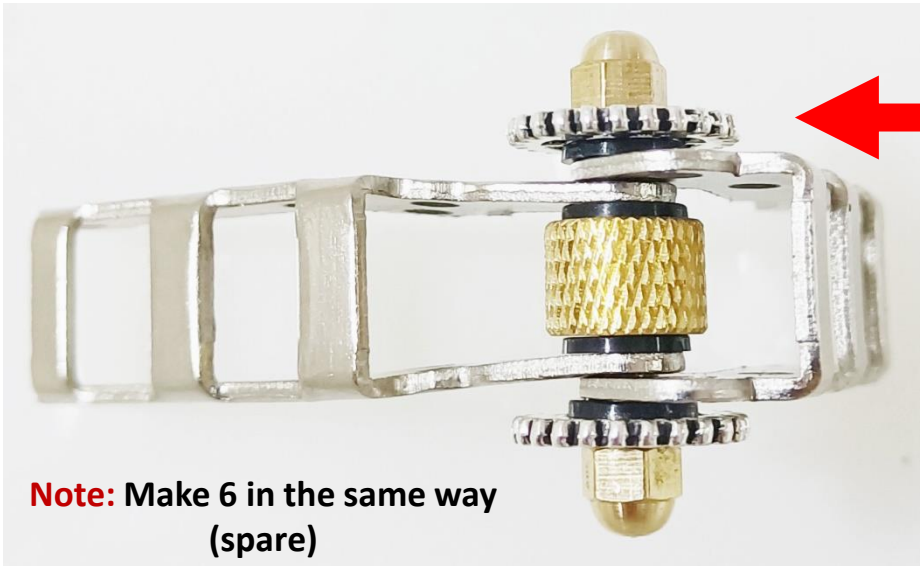
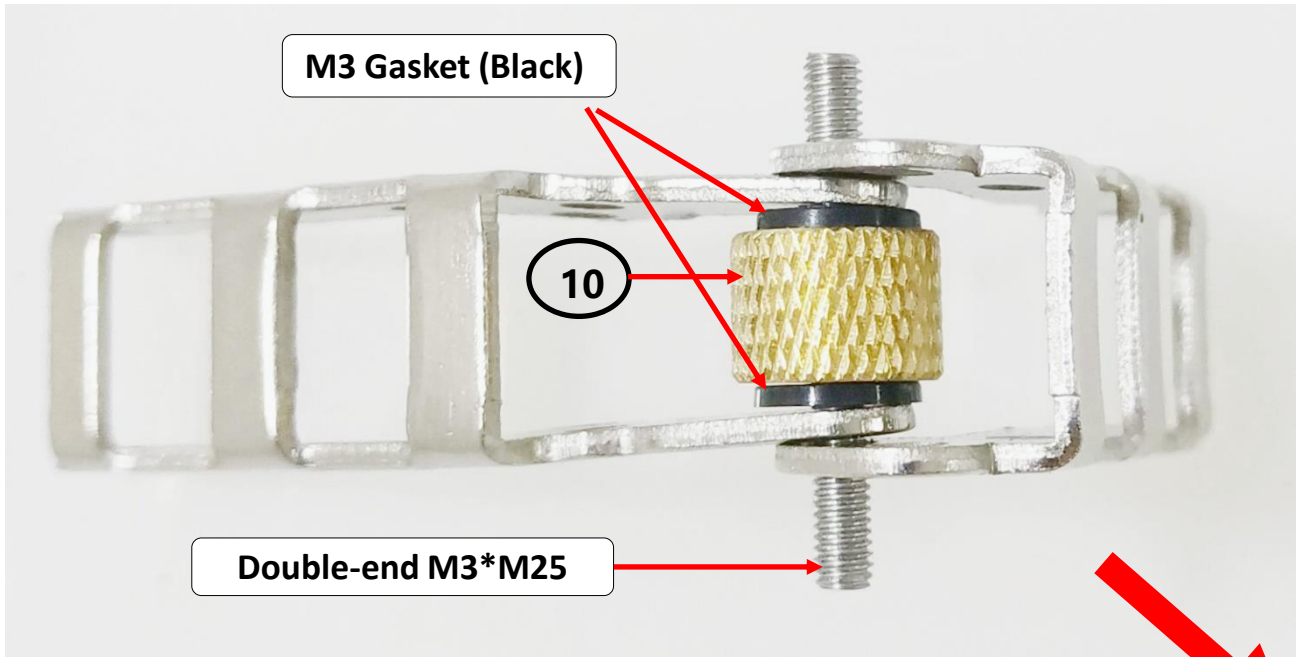
1. Leg



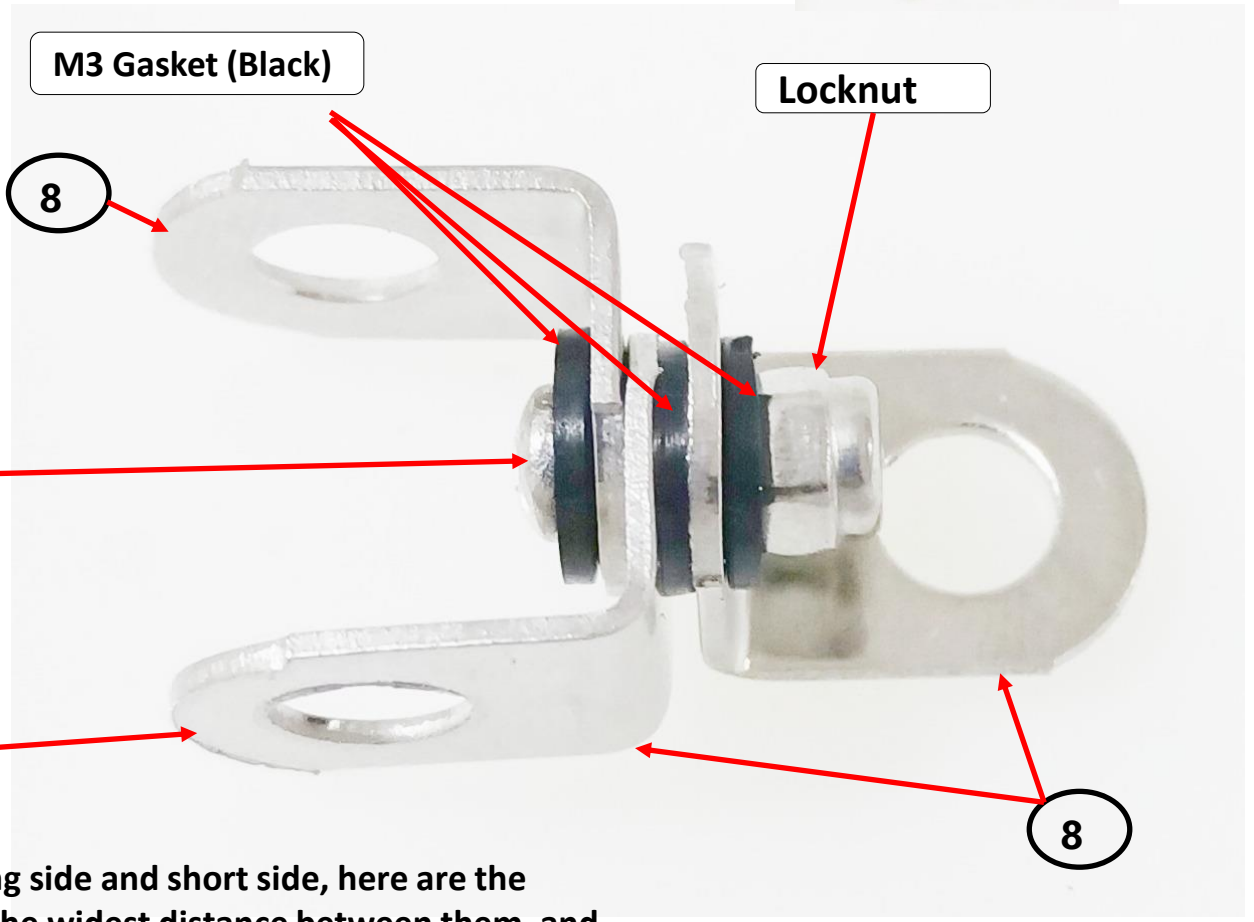
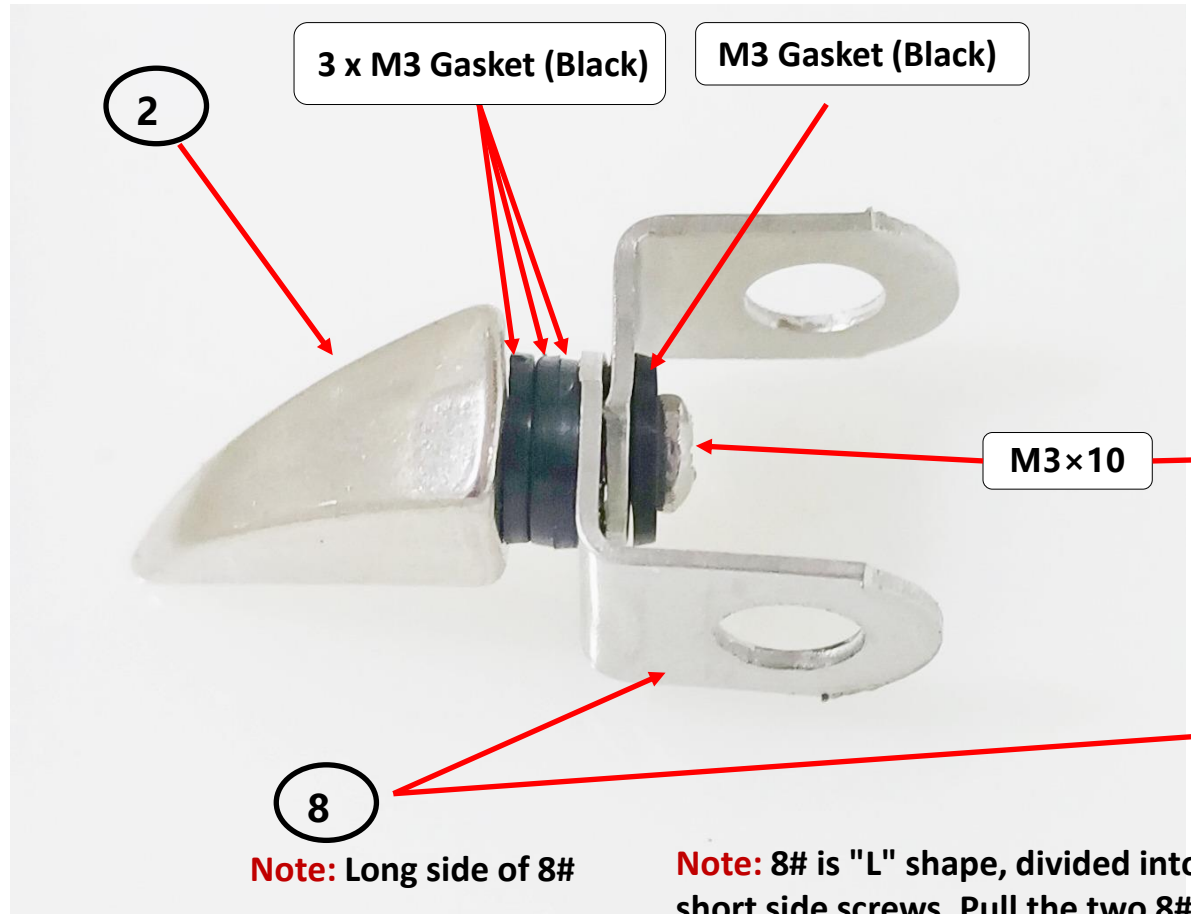


Note: Squeeze the end of 11# in the direction of the arrow by hand, and insert it into the inside of 12 in the direction of the dashed arrow





Note: In order to prevent loosening of the locknut, the nut has an inner lining, which has a large resistance to screwing up, and requires extra force. It is not easy to loosen after tightening. Use a sleeve to cover the locknut and tighten it with a screwdriver

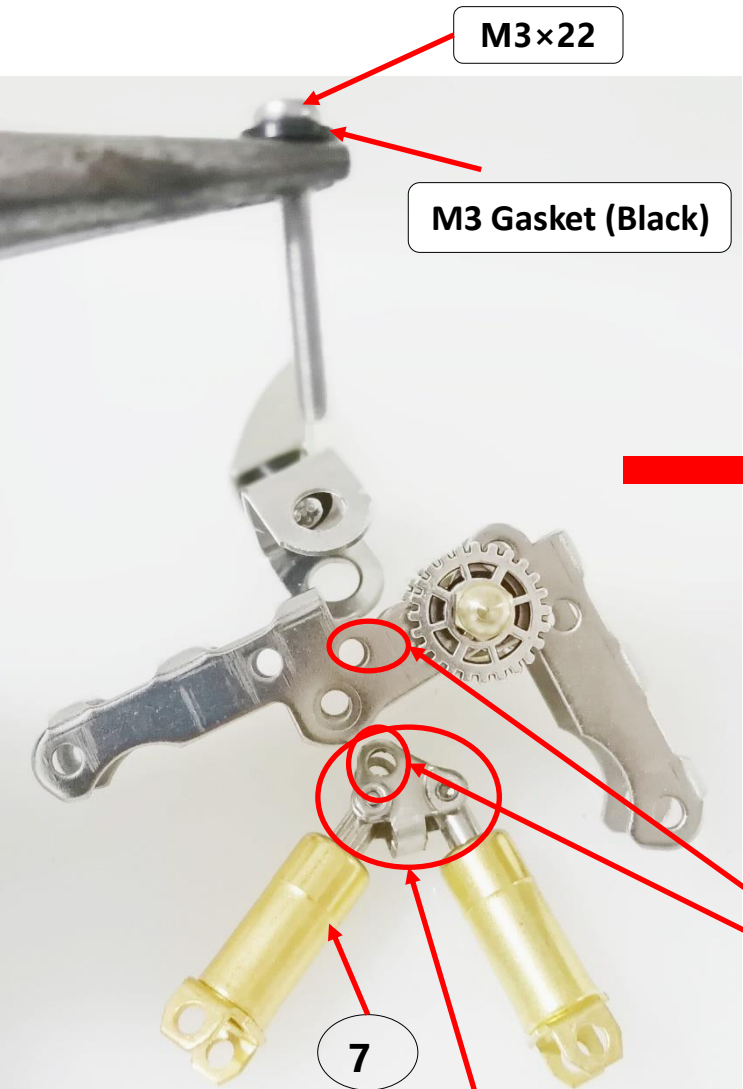


Note: Long side of 8#

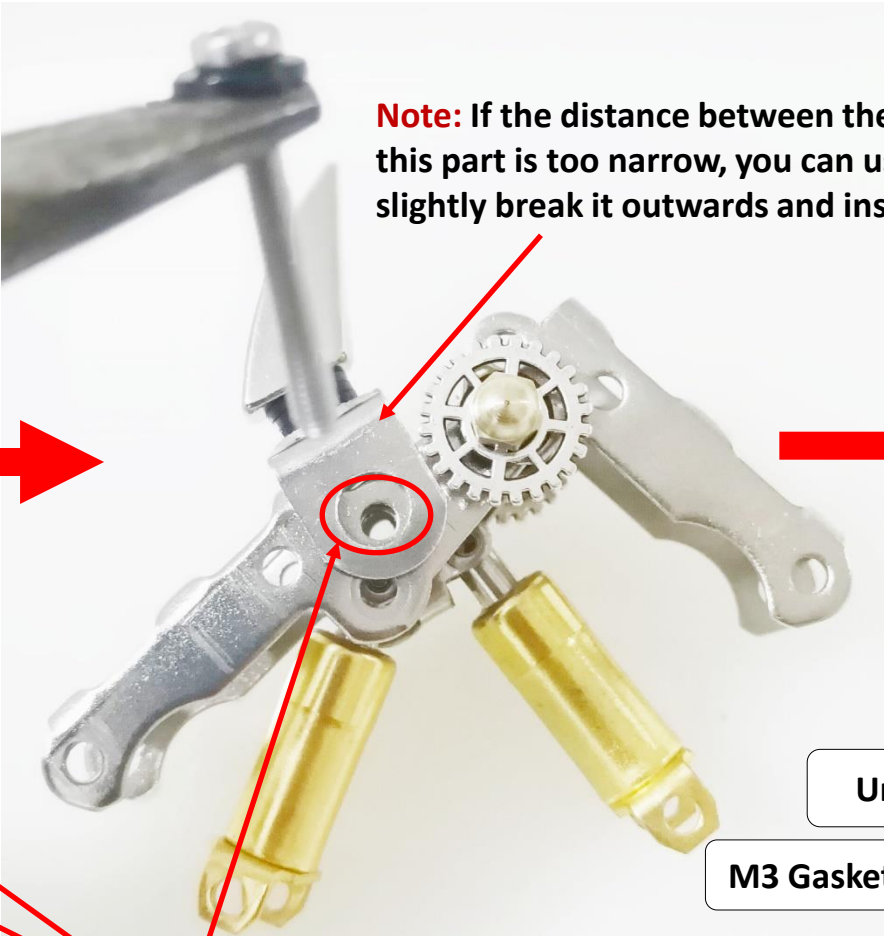
Note: 8# is "L" shape, divided into long side and short side, here are the short side screws. Pull the two 8# to the widest distance between them, and then tighten the screws

Note: Make 12 in the same way (spare)

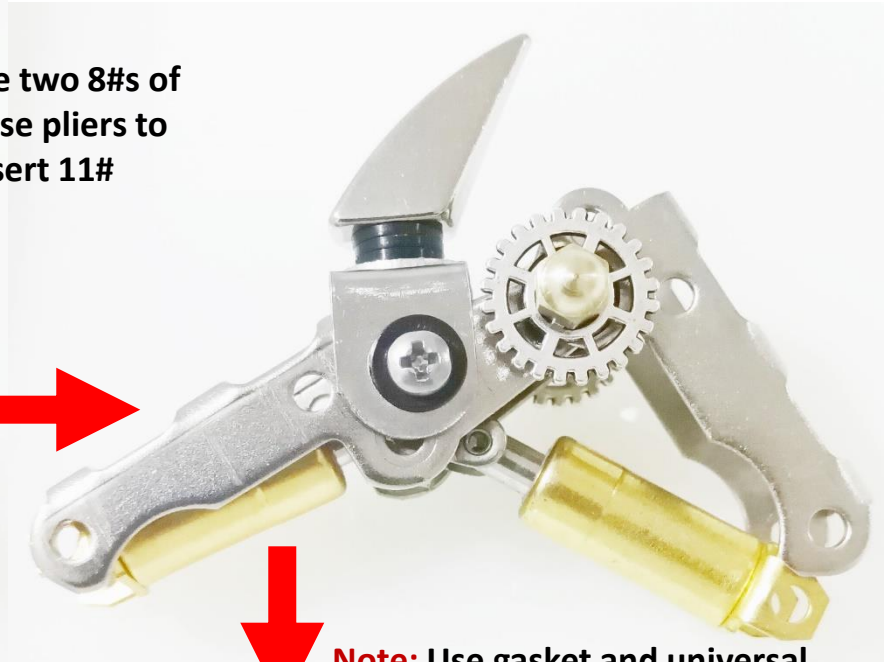
Note: Make 6 in the same way (spare)



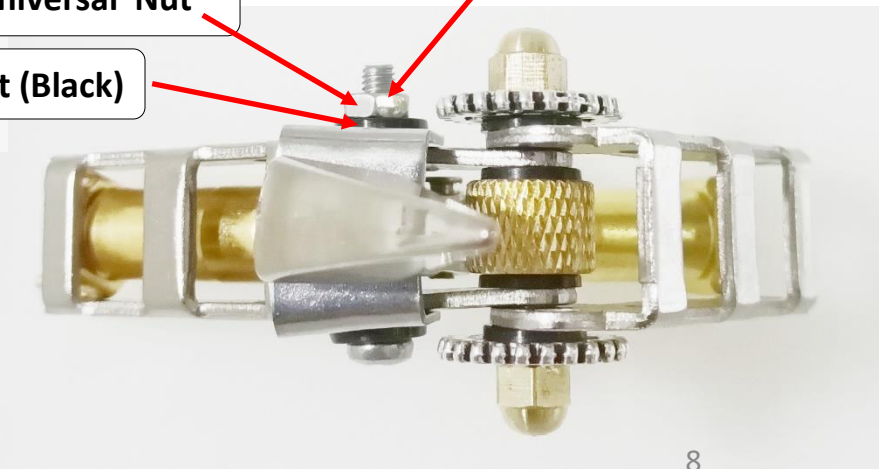
Note: Pay attention to the structure of 7# middle position



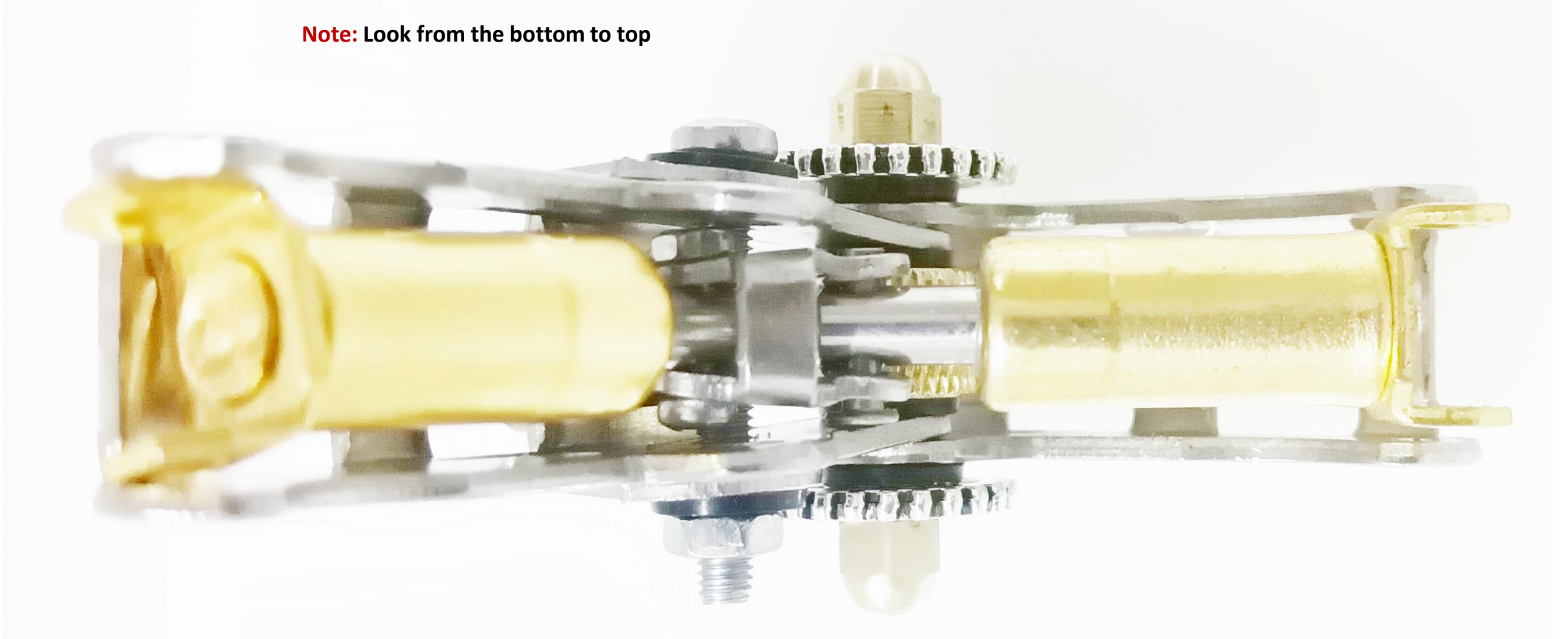
Note: Note that 7# middle structure is inserted into 11#, after the 3 holes are aligned, use screws to penetrate

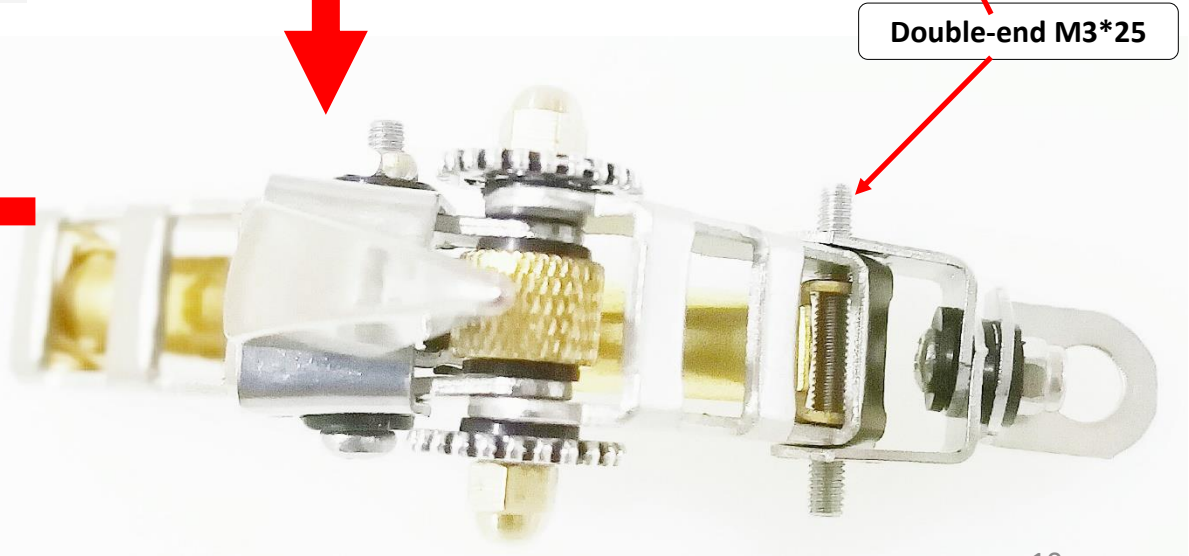
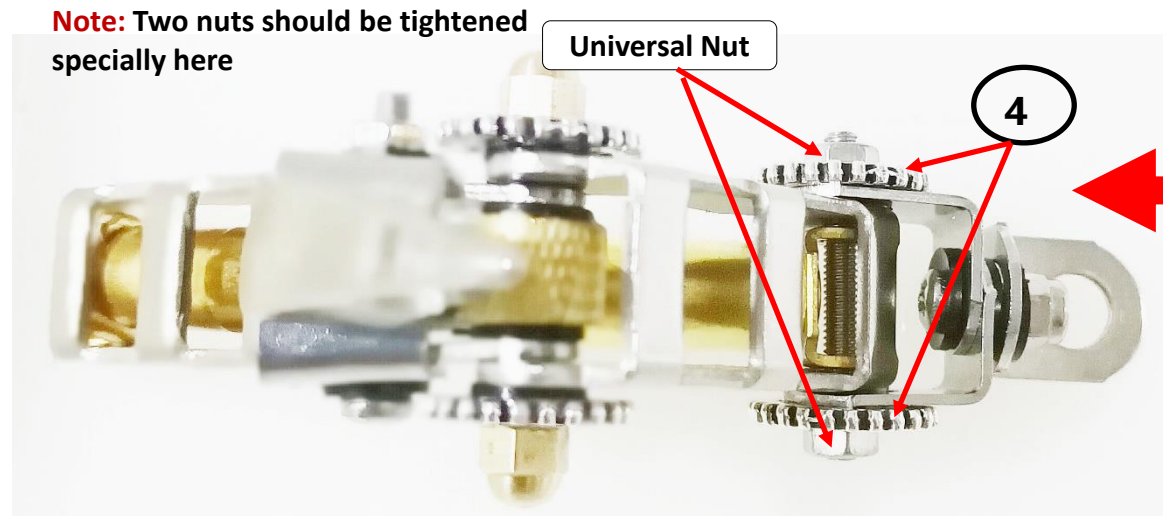
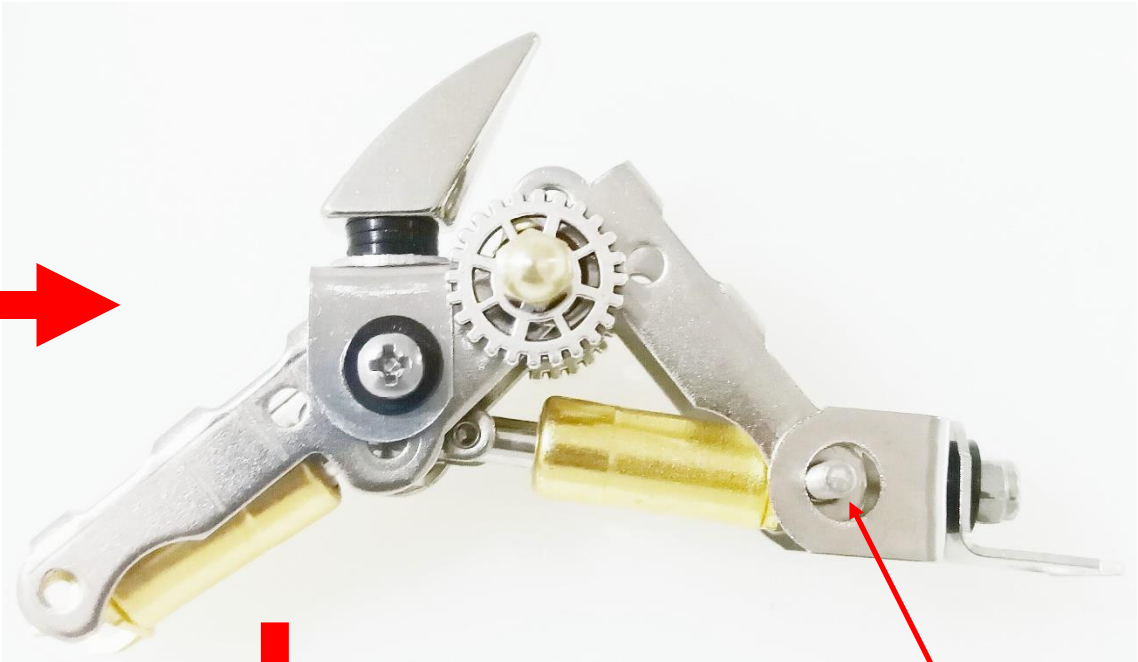


Note: Use gasket and universal nuts on the opposite side



Note: Look from the bottom to top





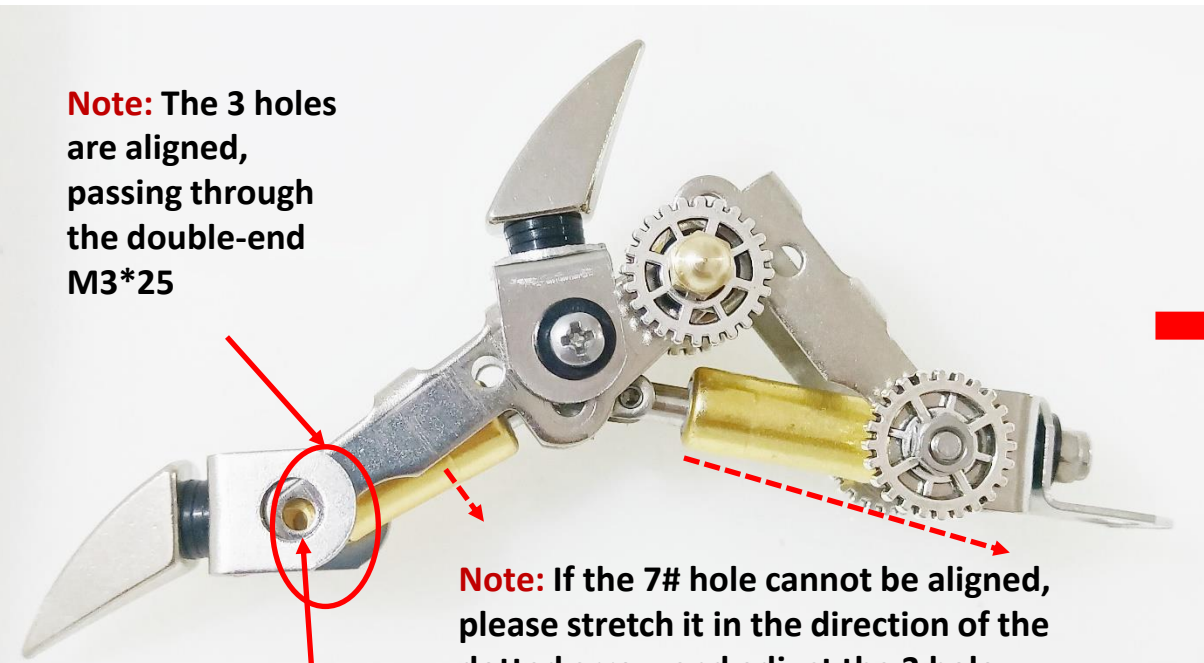
Note: Two nuts should be tightened specially here

Universal Nut

4

Double-end M3*25

Note: The 3 holes are aligned, passing through the double-end M3*25



Note: If the 7# hole cannot be aligned, please stretch it in the direction of the dotted arrow and adjust the 3 hole alignment



Double-end M3*25



Congratulations, leg assembly is finished

Next Part: 2.Base Part



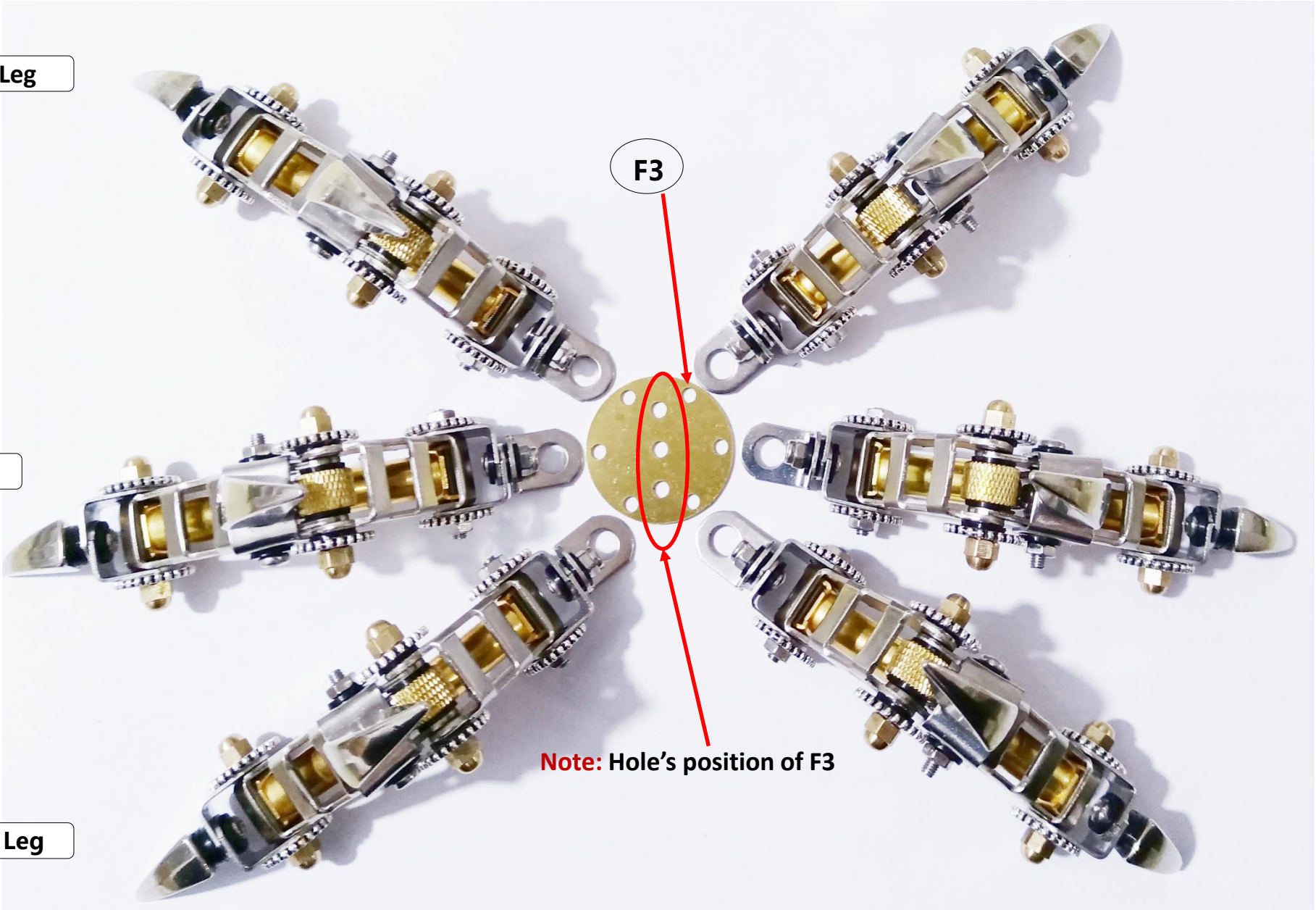
2. Base Part



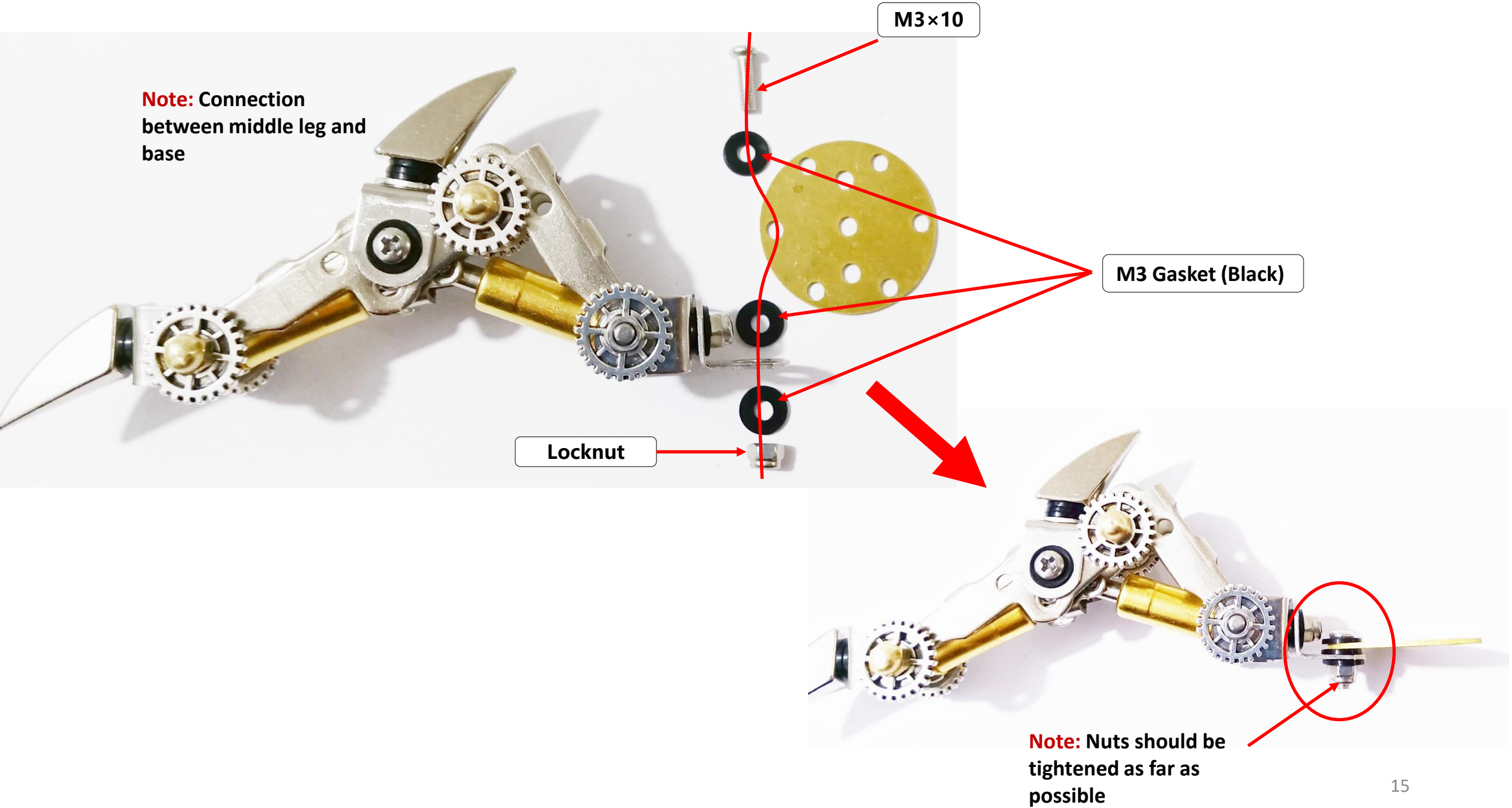
Rear Leg

Middle Leg

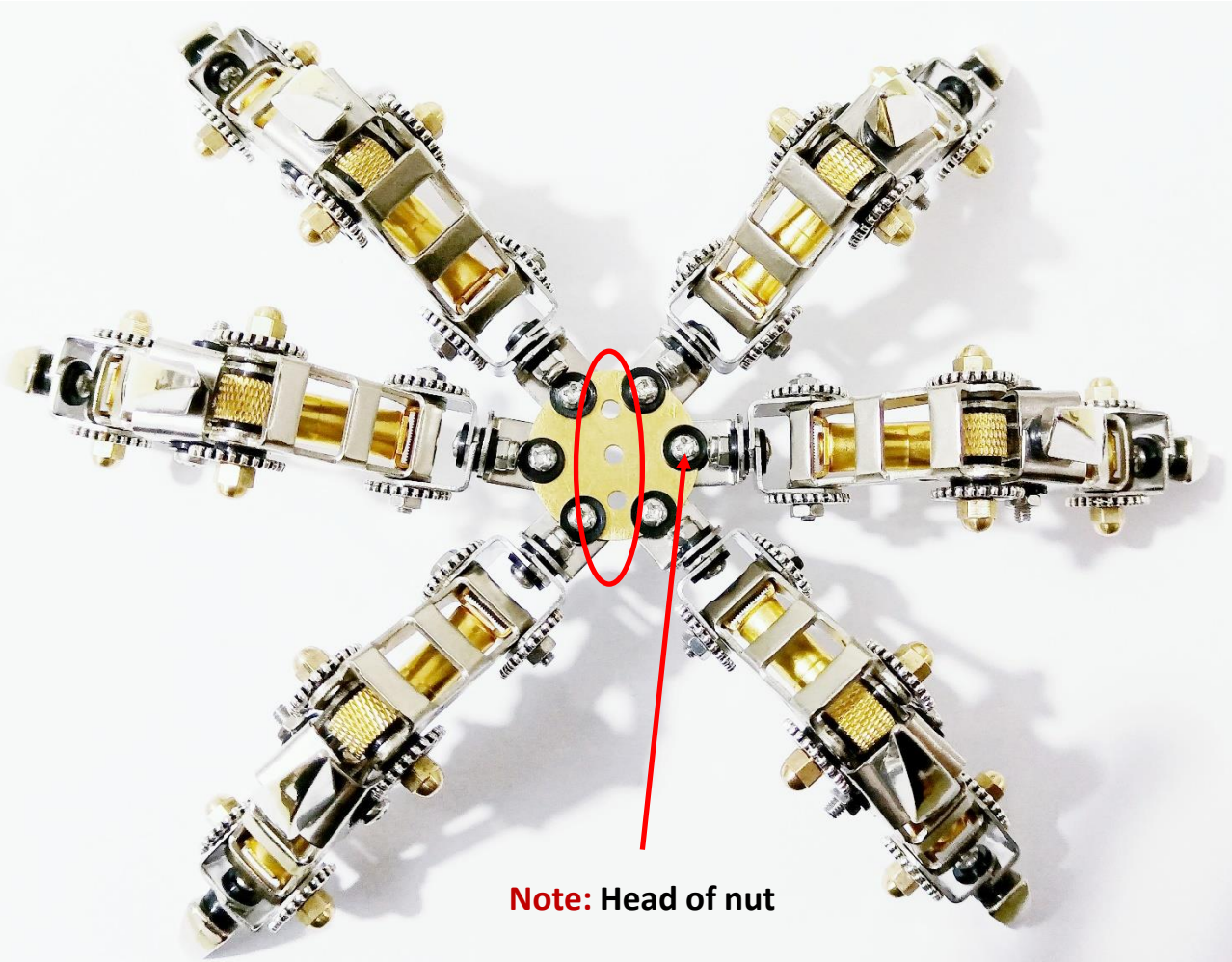
Front Leg



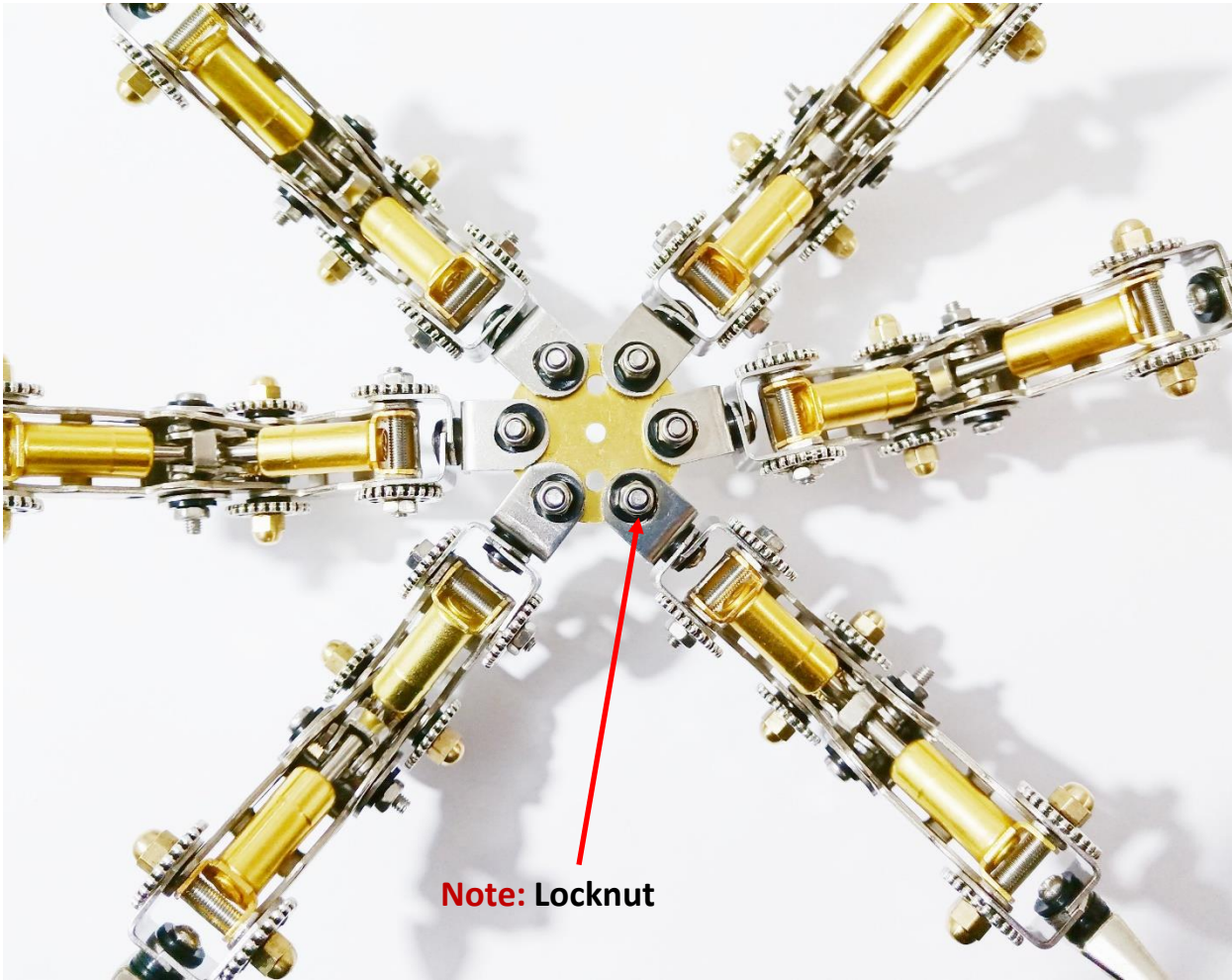
Note: Hole's position of F3



Note: Look from the top to bottom



Note: Look from the bottom to top



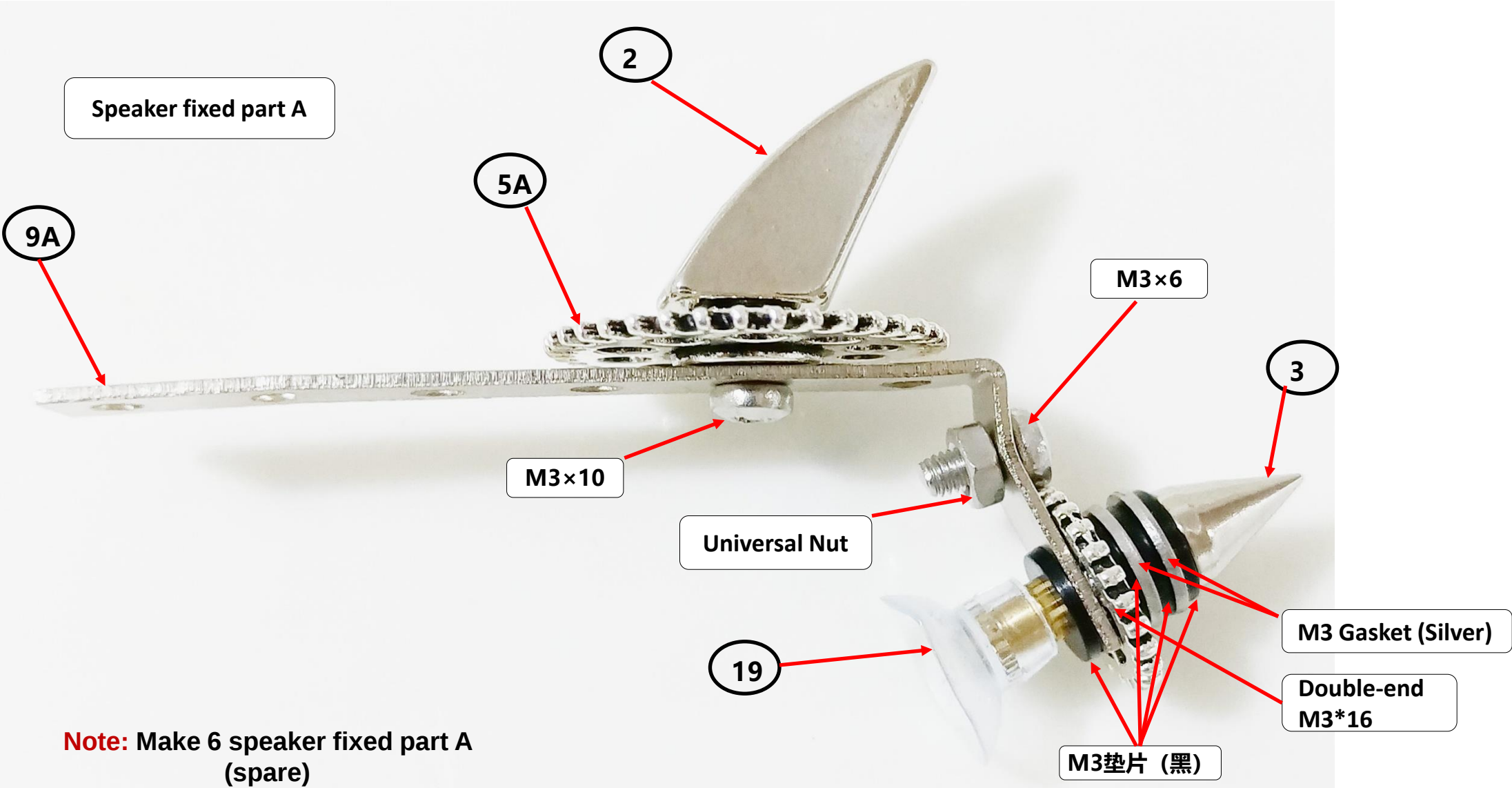
Congratulations, Base part is finished

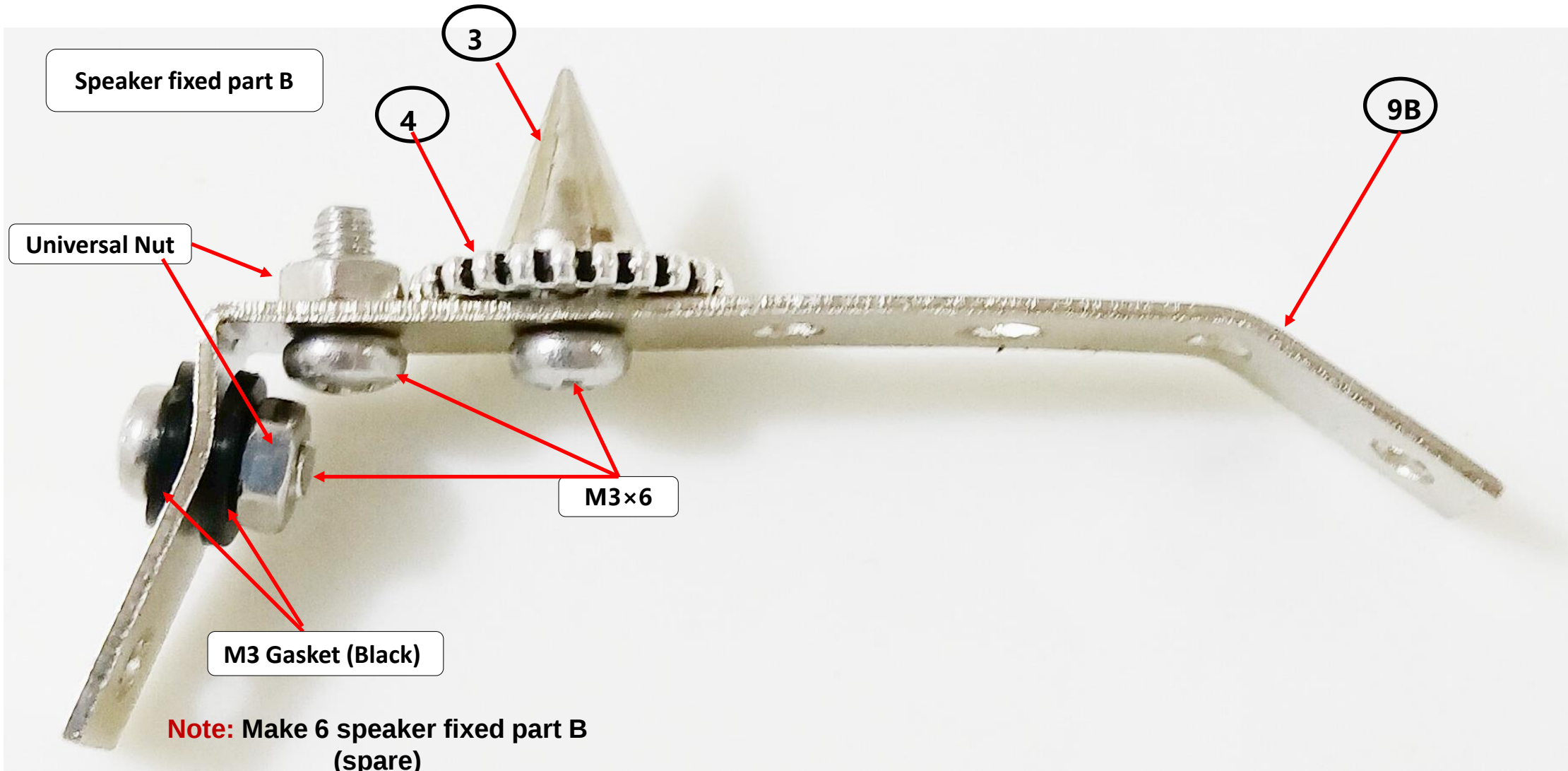
Next Part: 3. Stomach Part

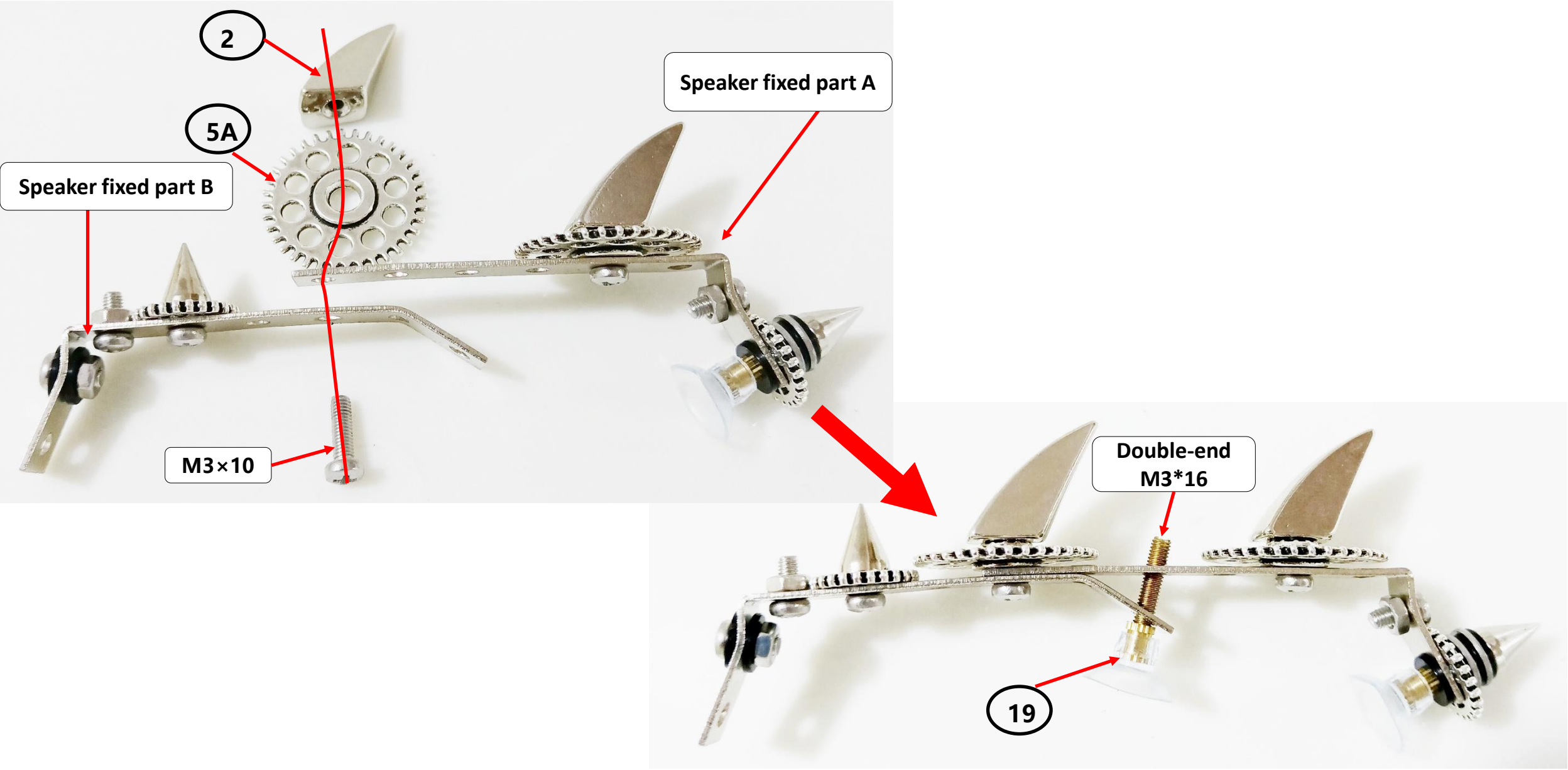


3. Stomach Part





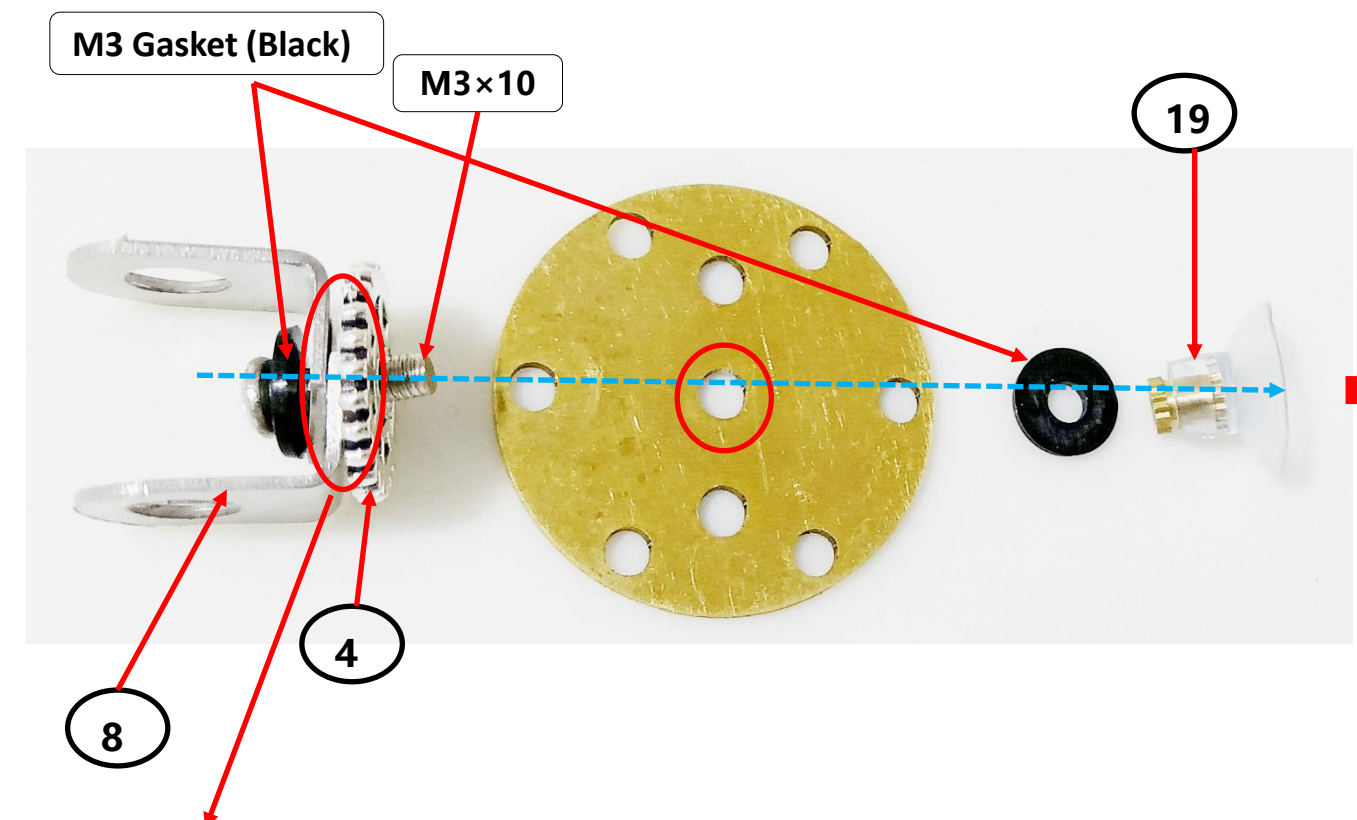




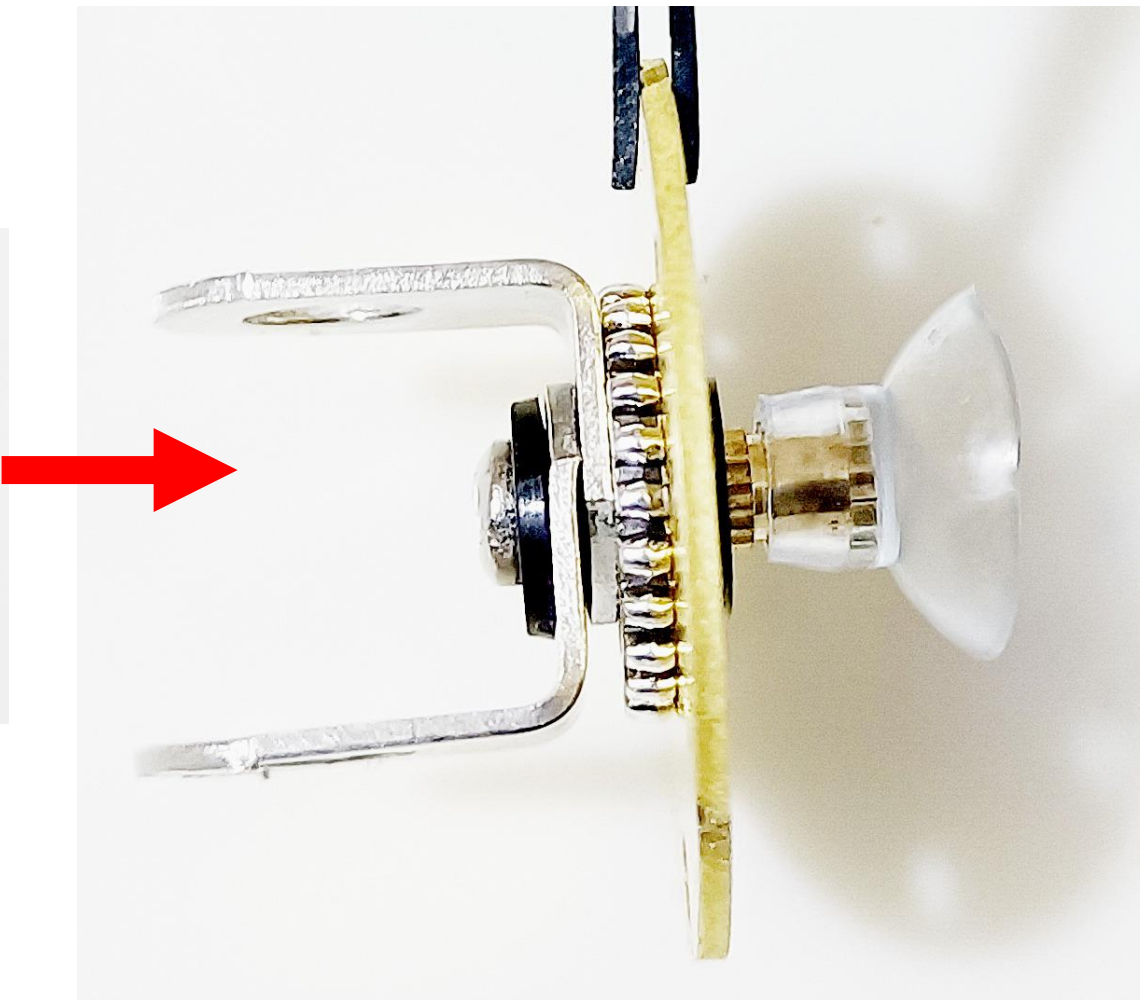
Note: Make 6 speaker integral fixed parts(spare)

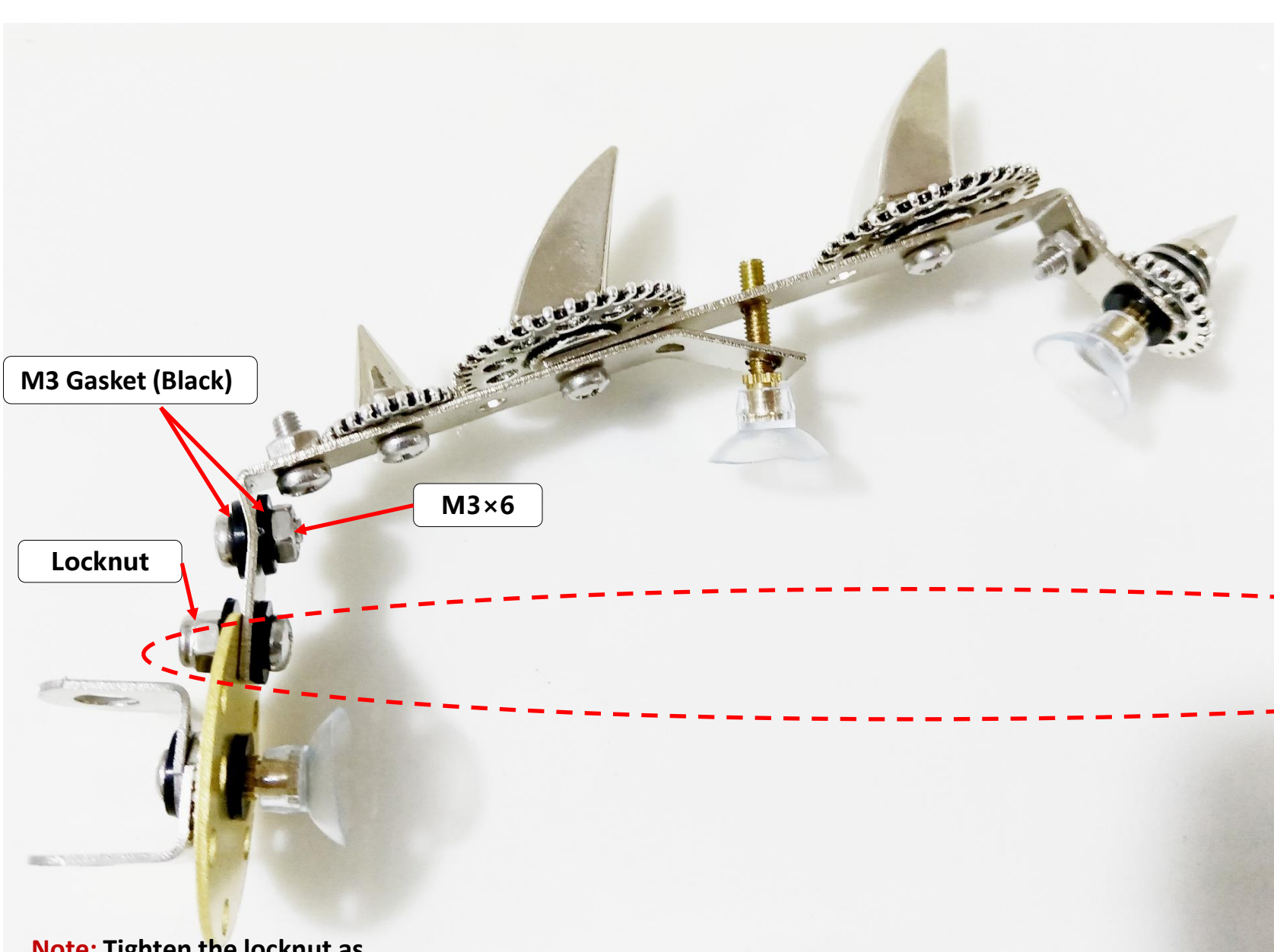
Note: Make 6 speaker integral fixed parts(spare)



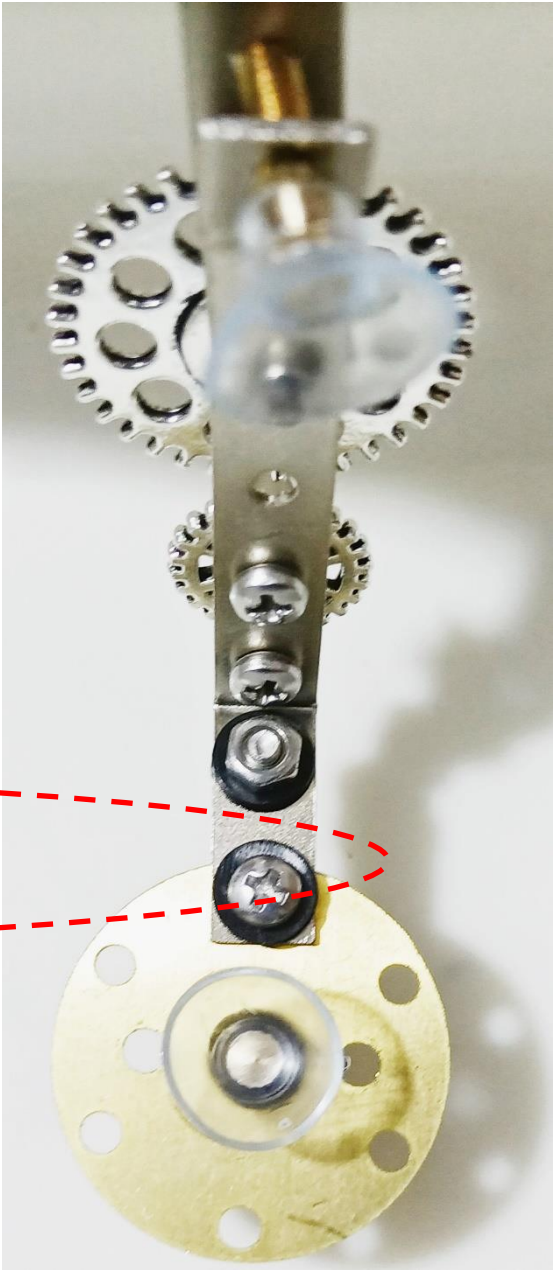


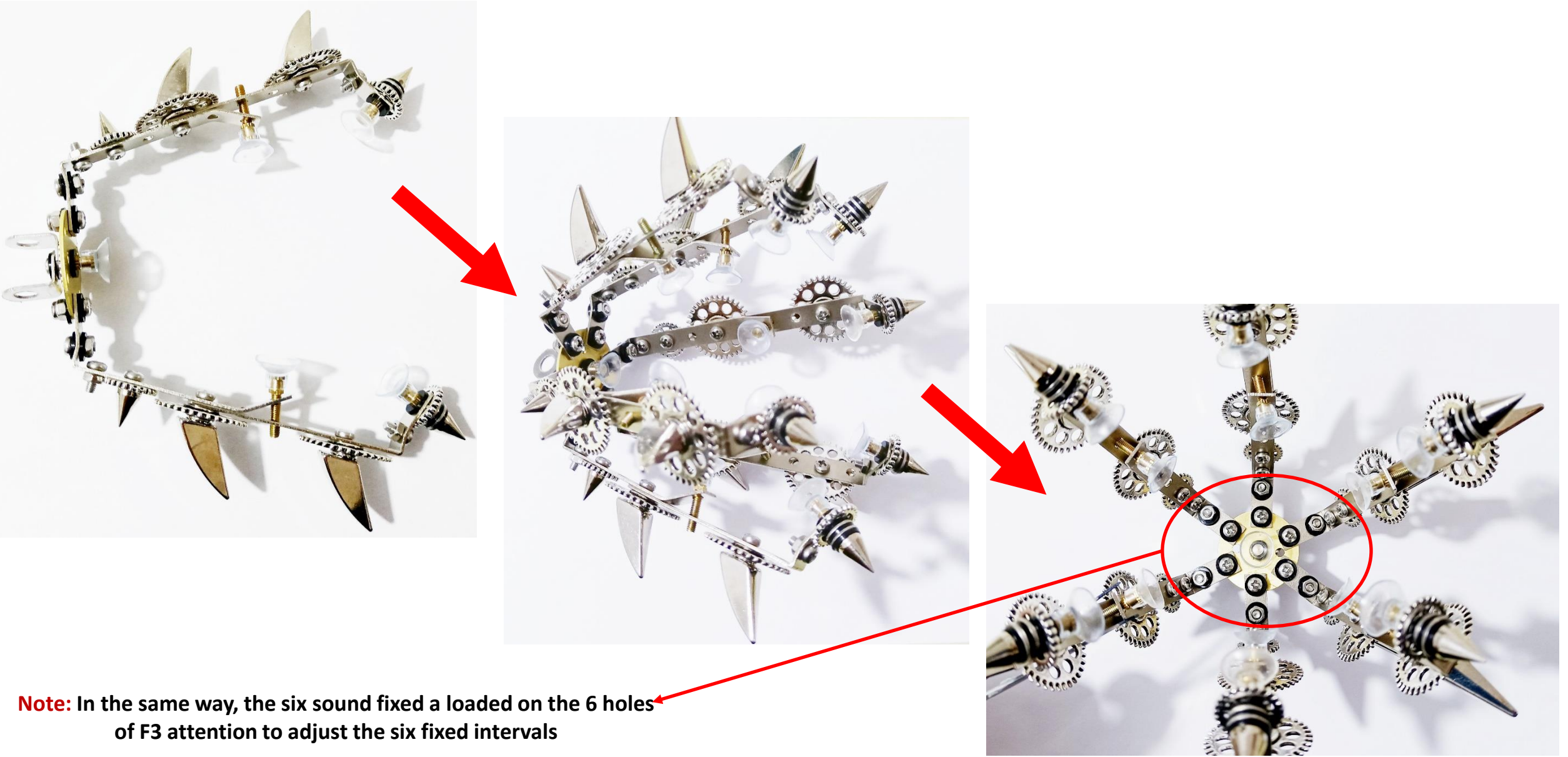
Note: 8# is "L" shape, divided into long side, short side, here are all short side through the screw





Note: Tighten the locknut as much as possible



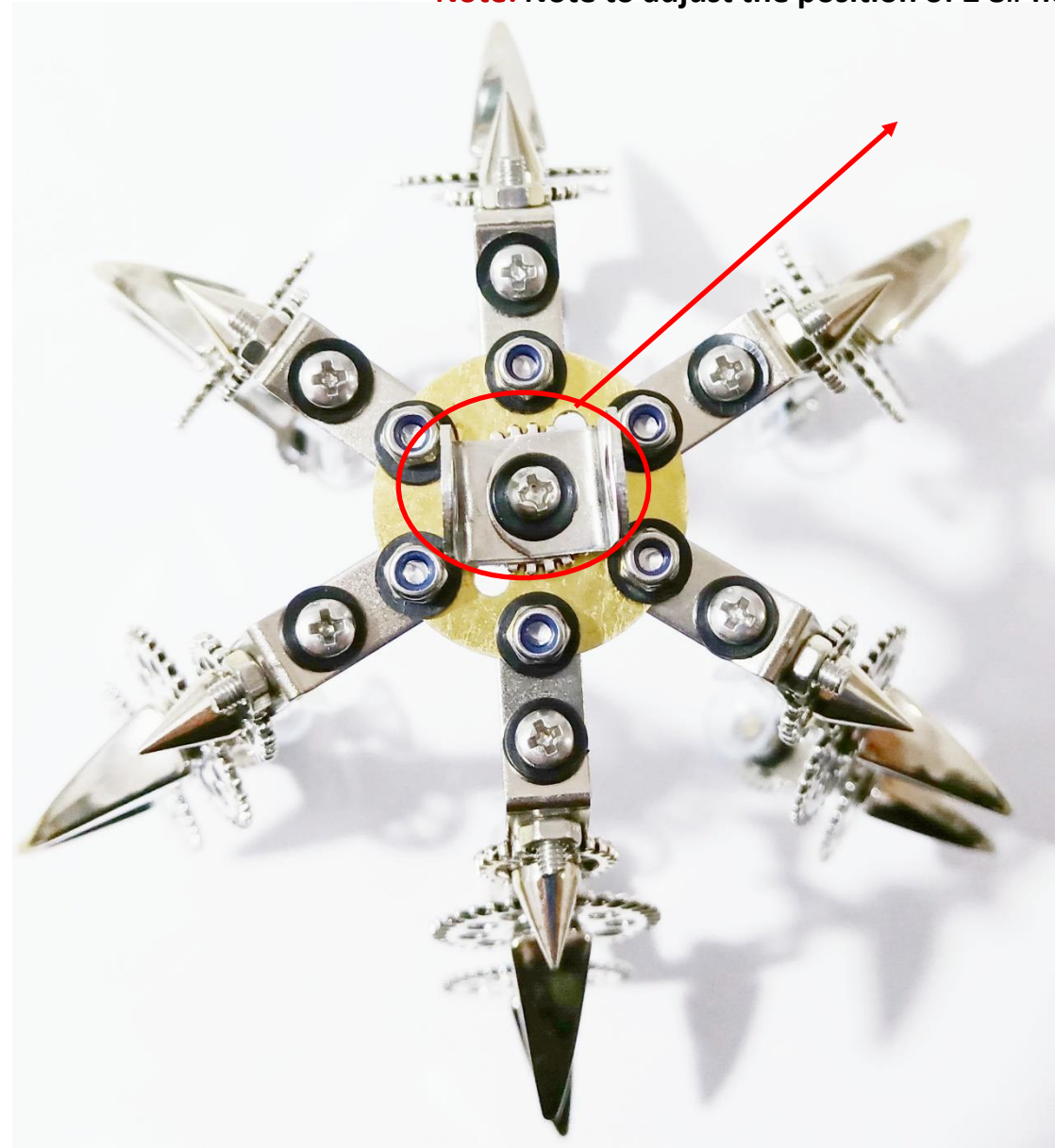


Note: In the same way, the six sound fixed a loaded on the 6 holes of F3 attention to adjust the six fixed intervals

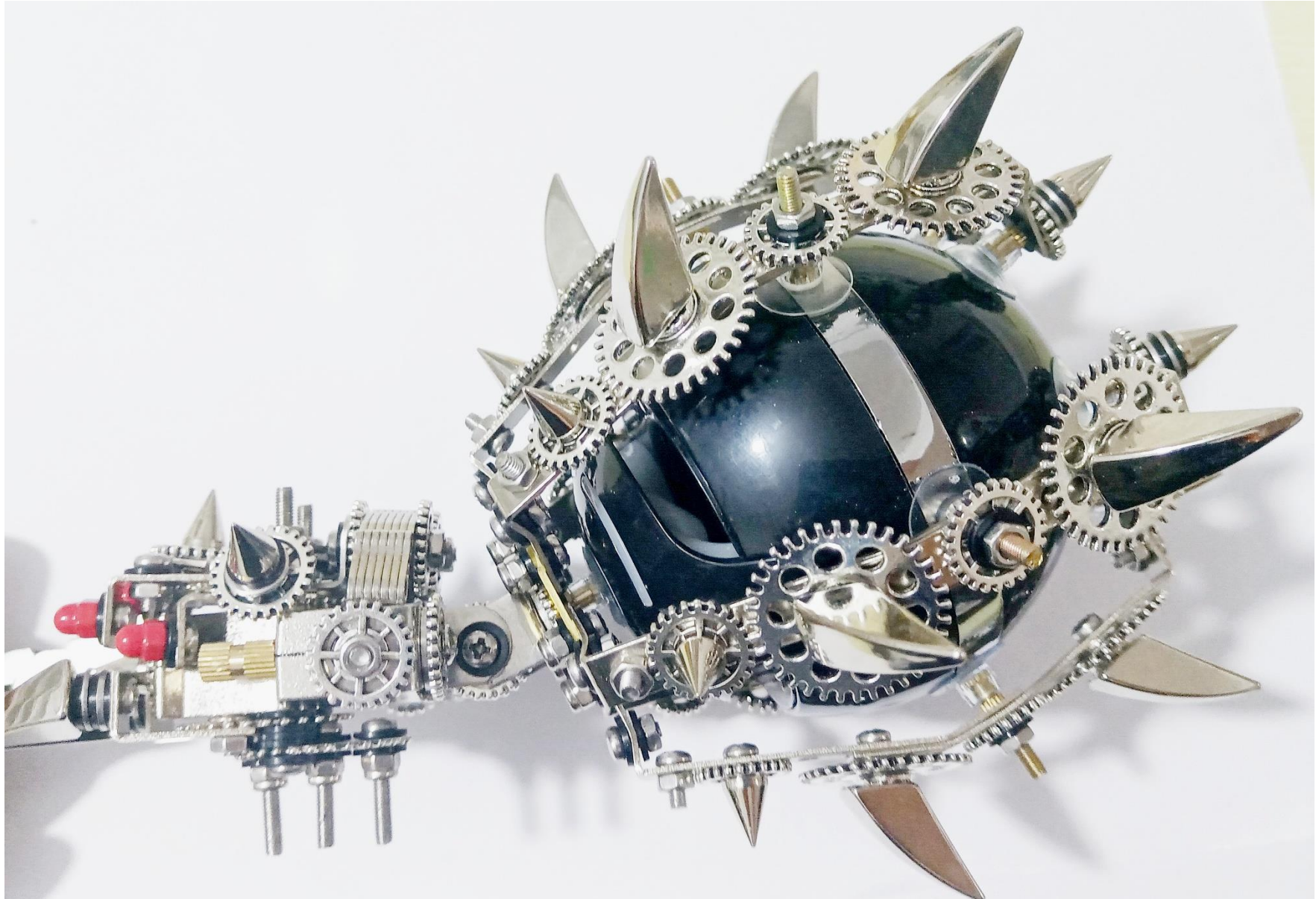
Congratulations, Stomach is finished

Next Part: 4. Body

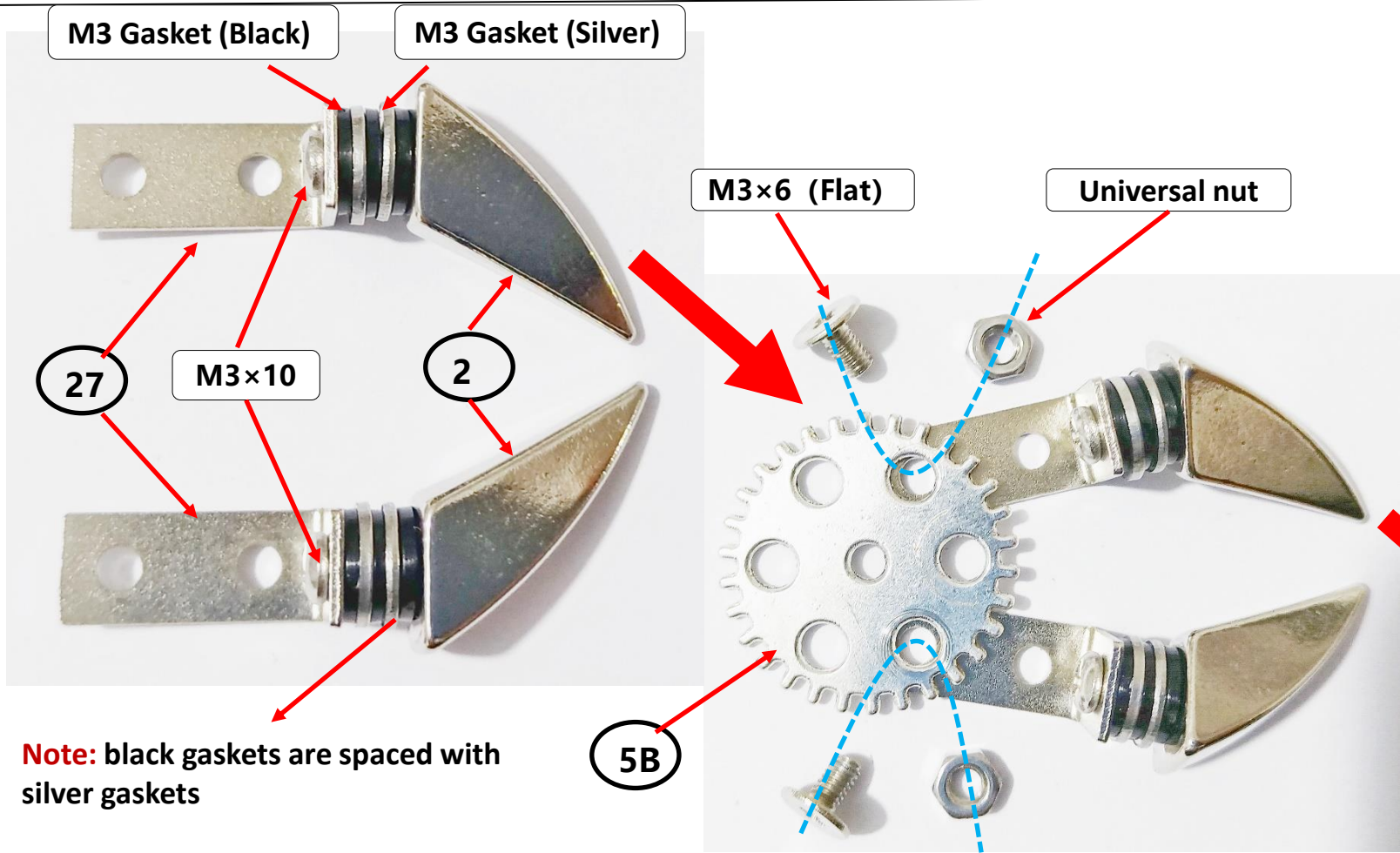
Note: Note to adjust the position of 2 8# here as shown



4. Body Part



Body



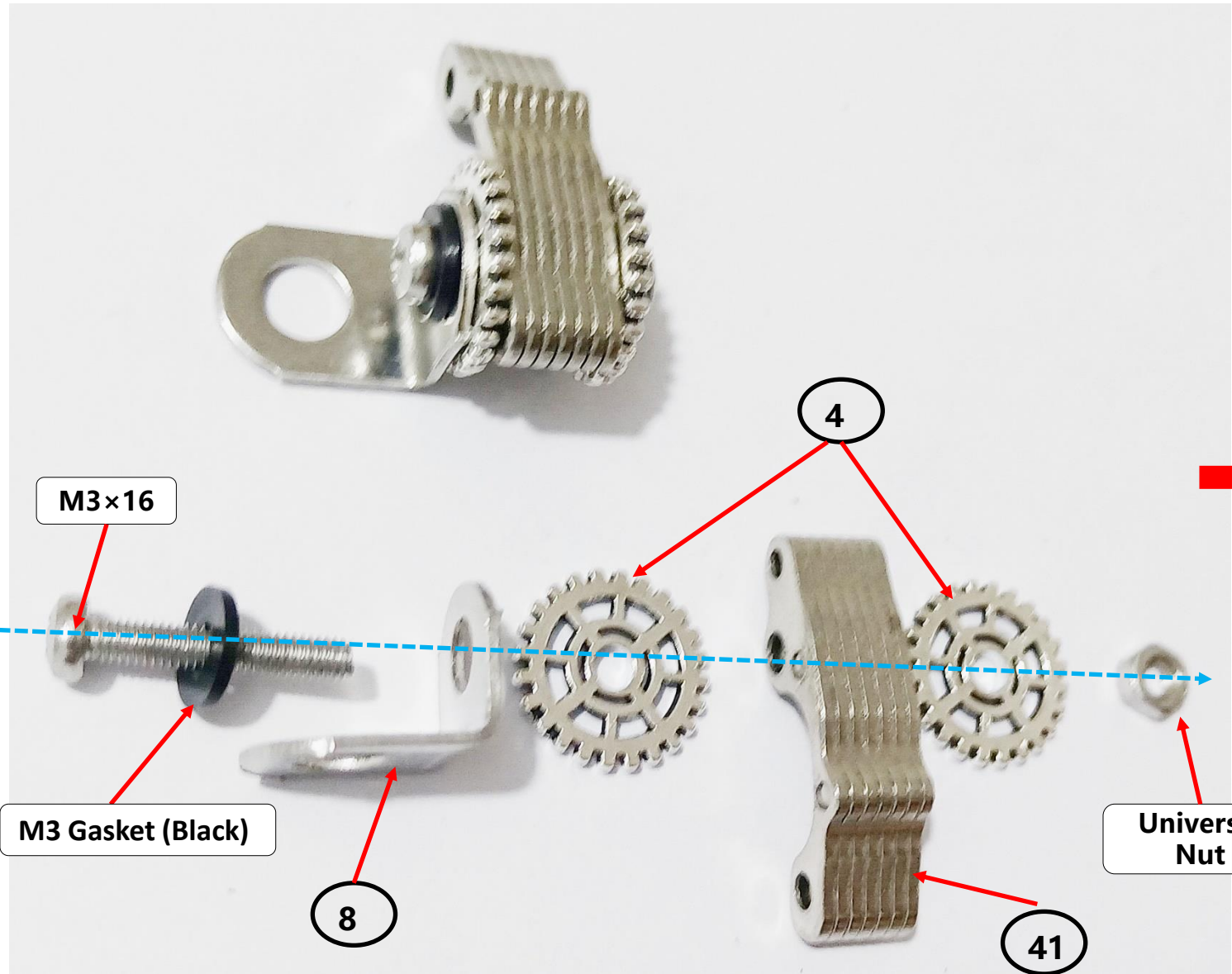
Note: Look from the bottom to top



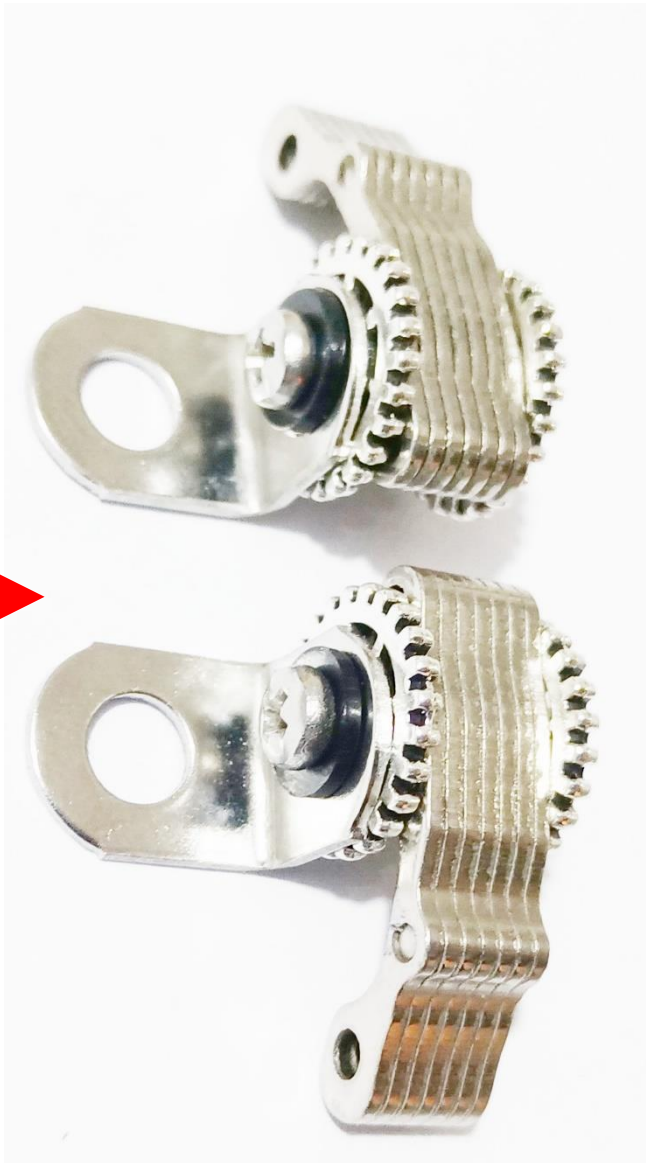
Note: Look from the top to bottom



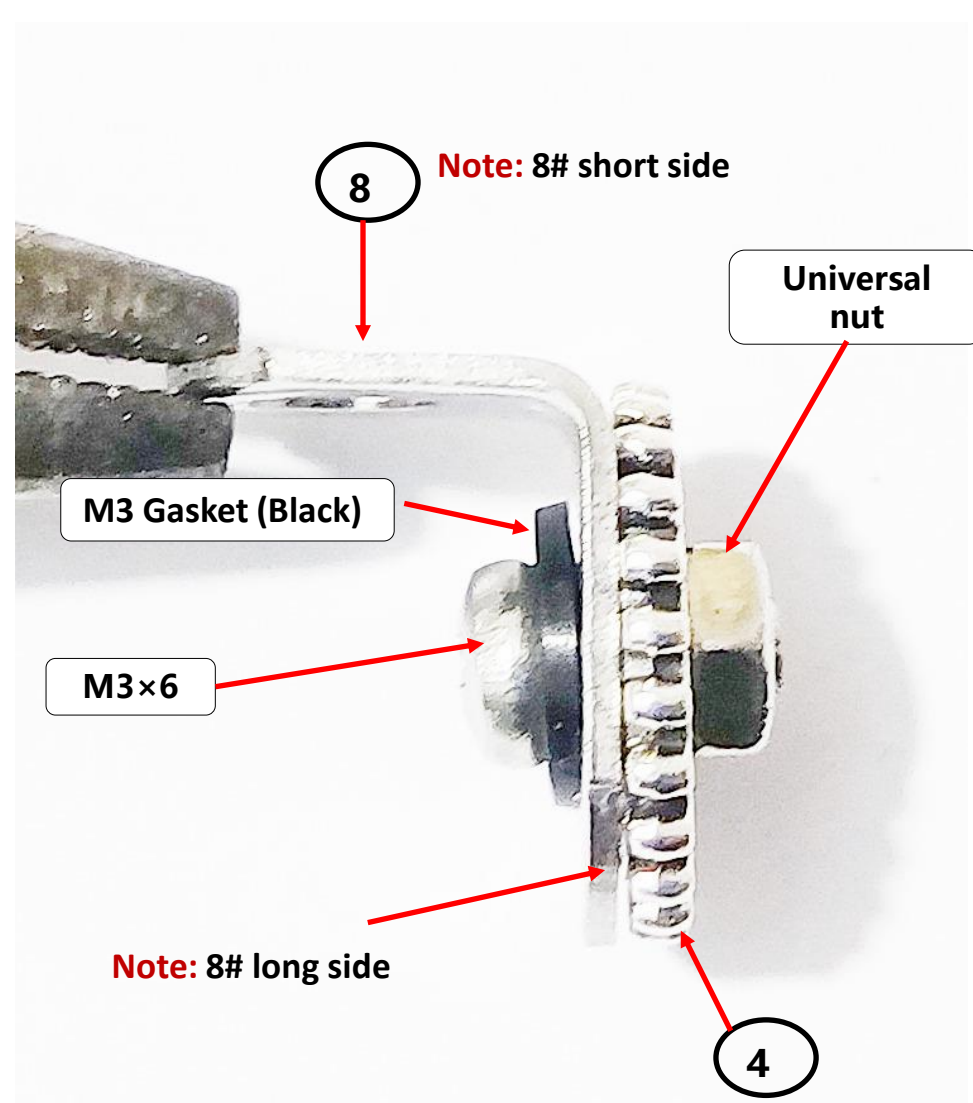
Note: After assembly, reserve for use



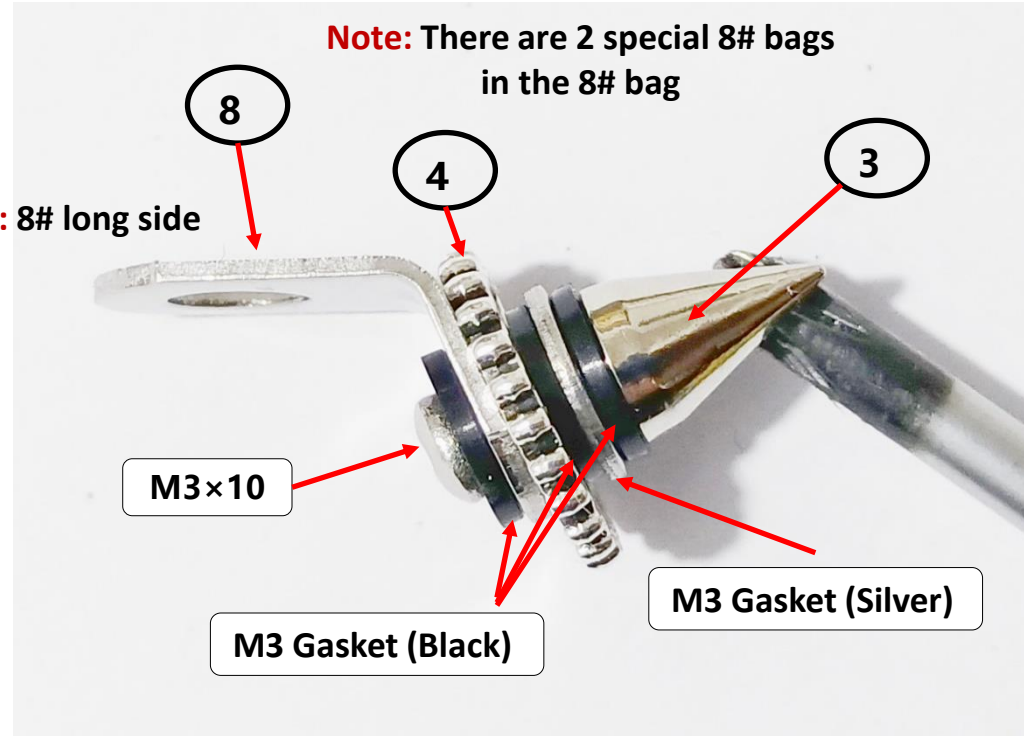
Note: 8# short side piercing screw



Note: Make 2 symmetrical ones for reserve

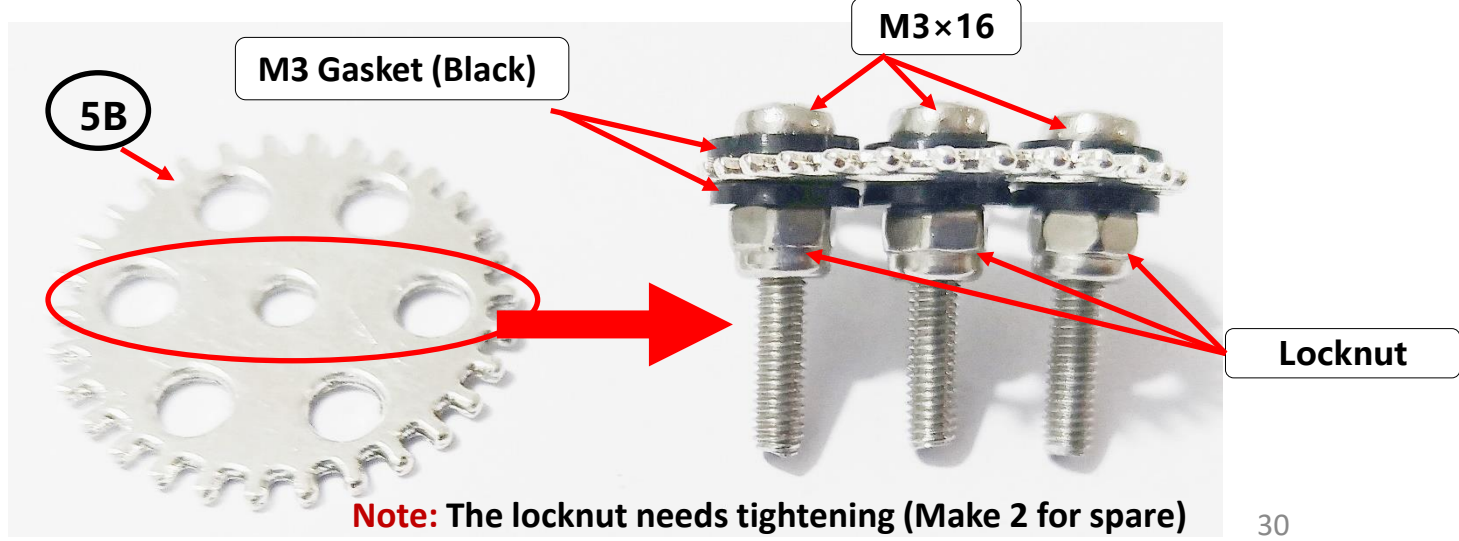


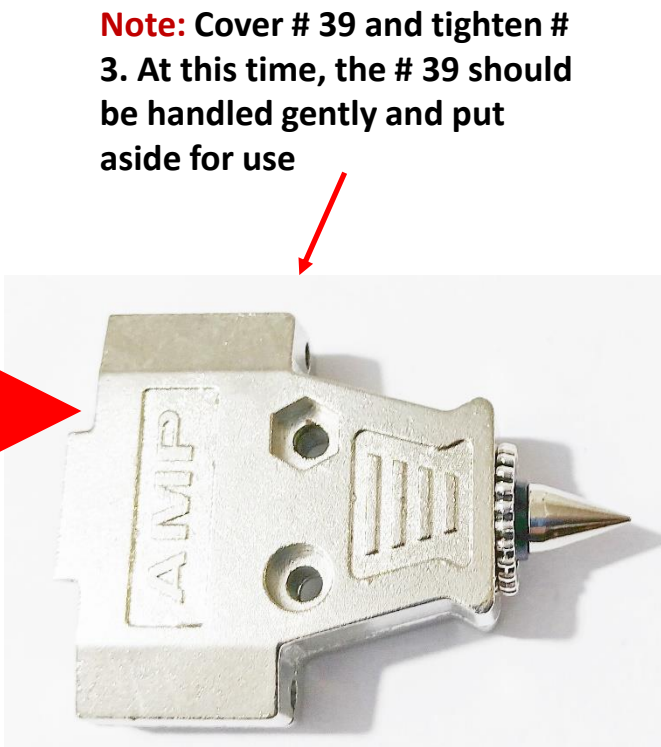
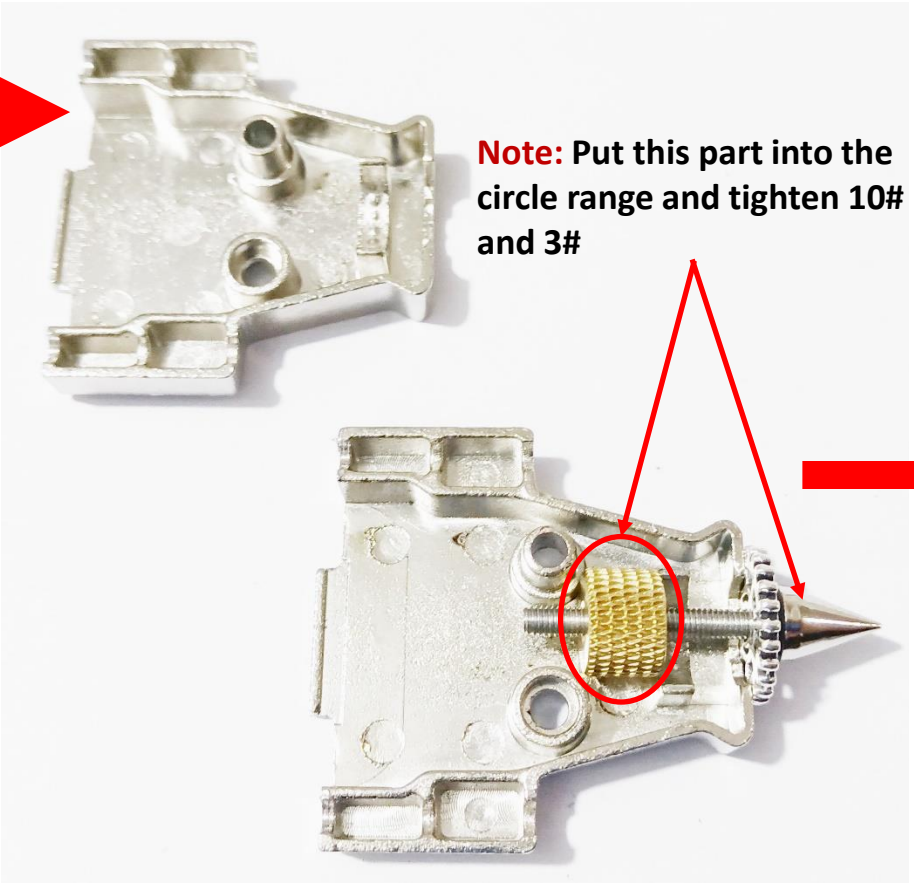
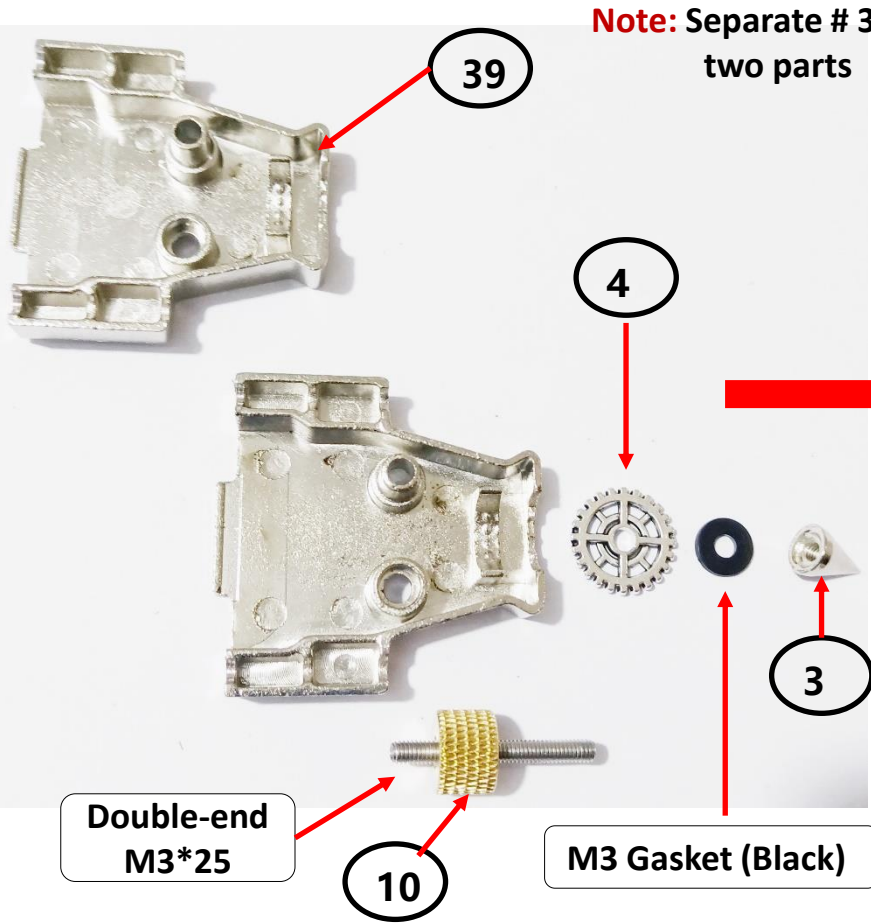
Note: Make 2 for spare

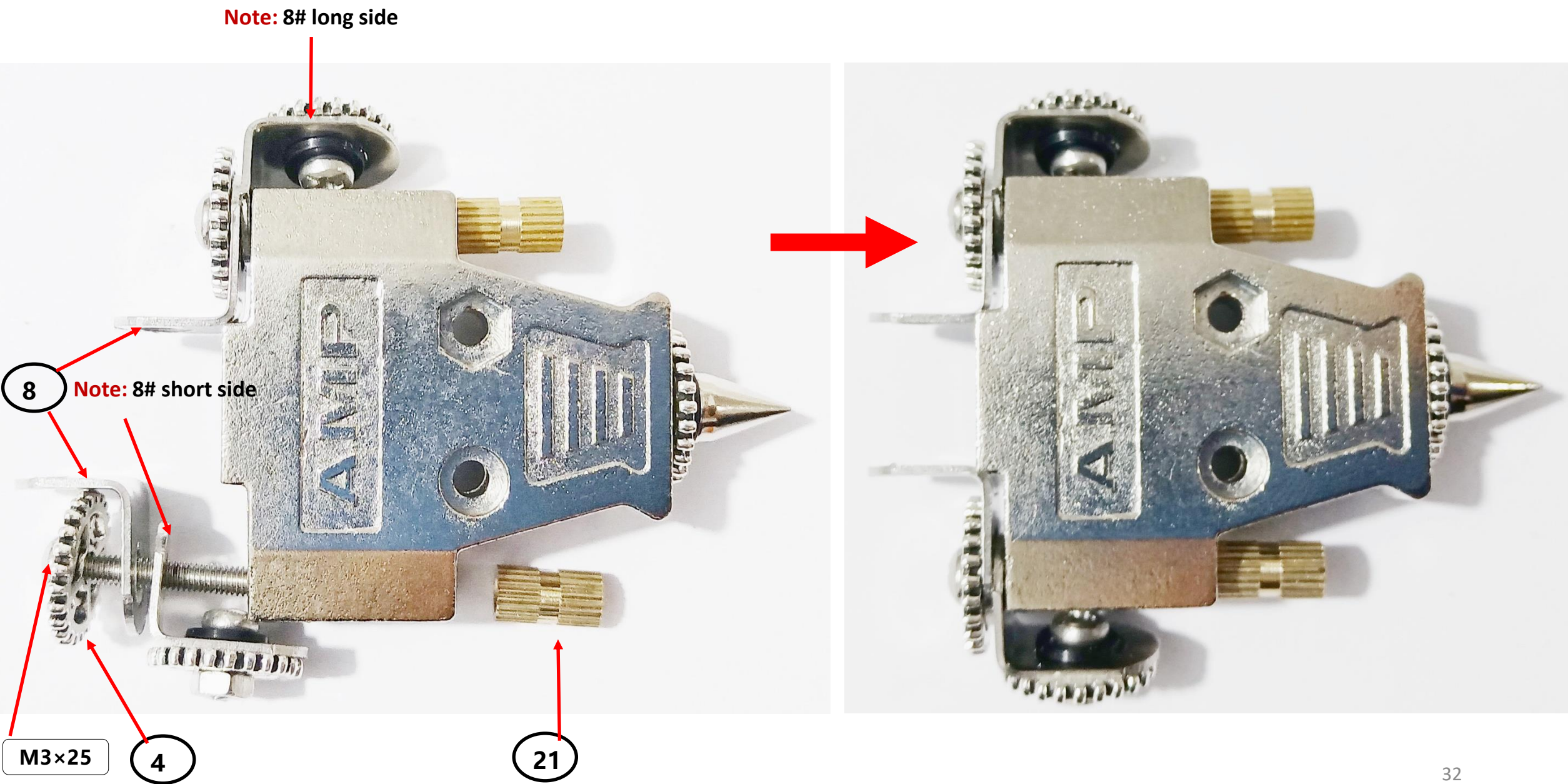


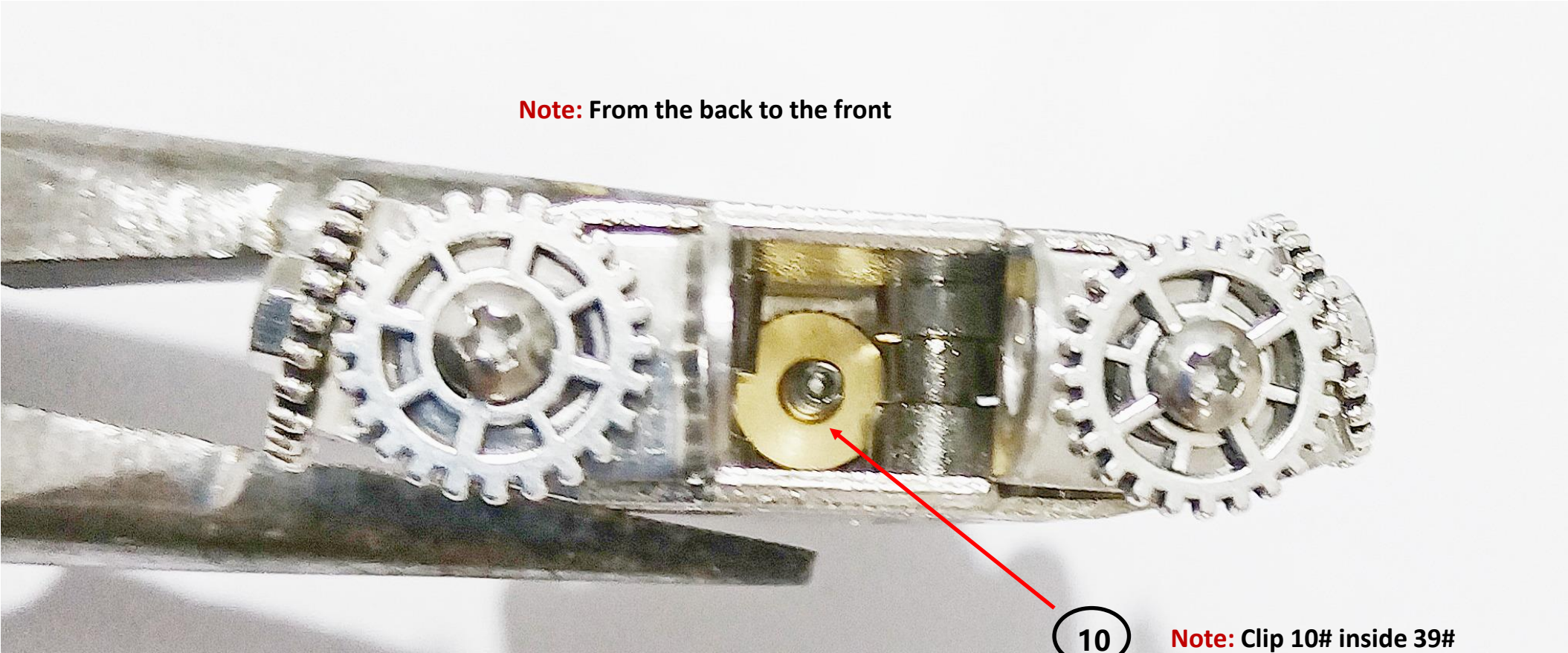
Note: There are 2 special 8# bags in the 8# bag

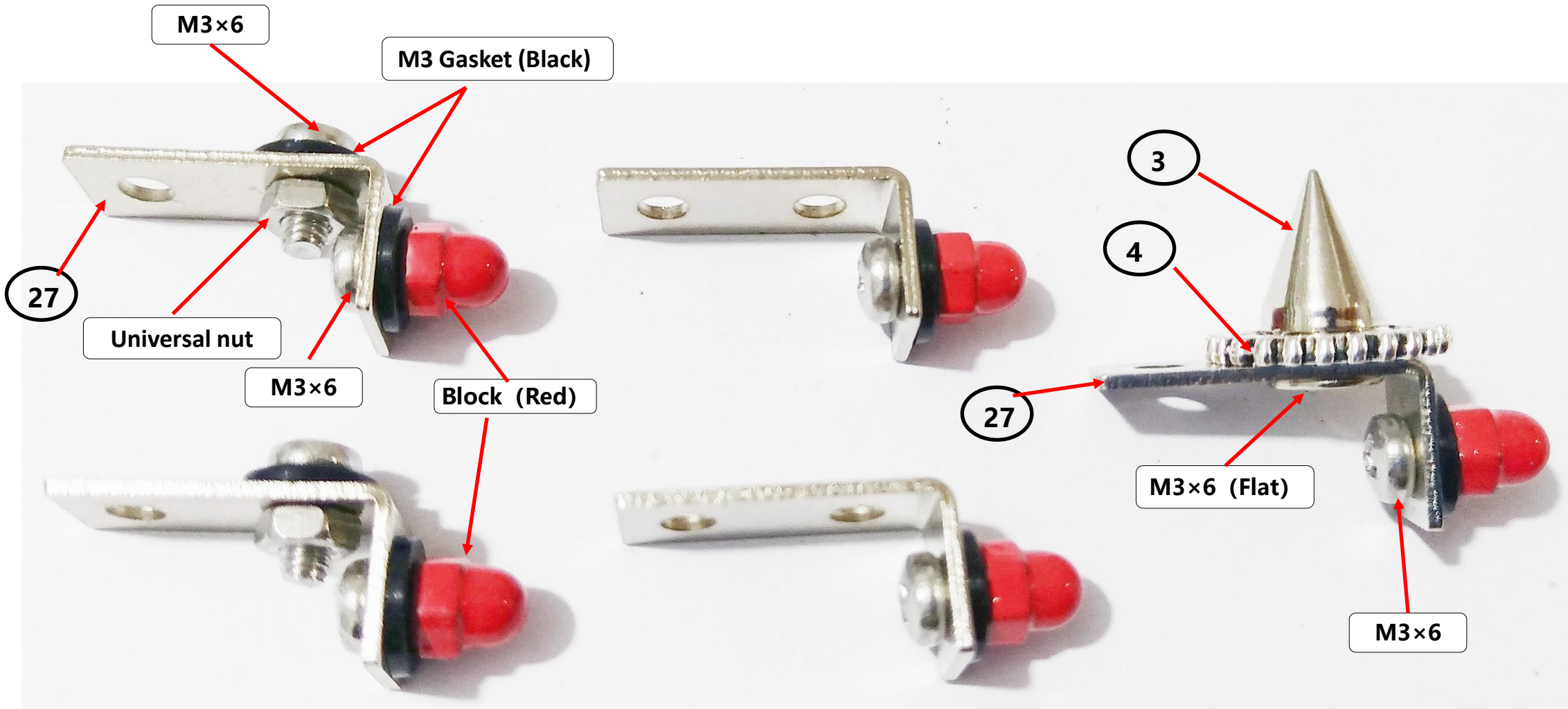
Note: Make 2 for spare



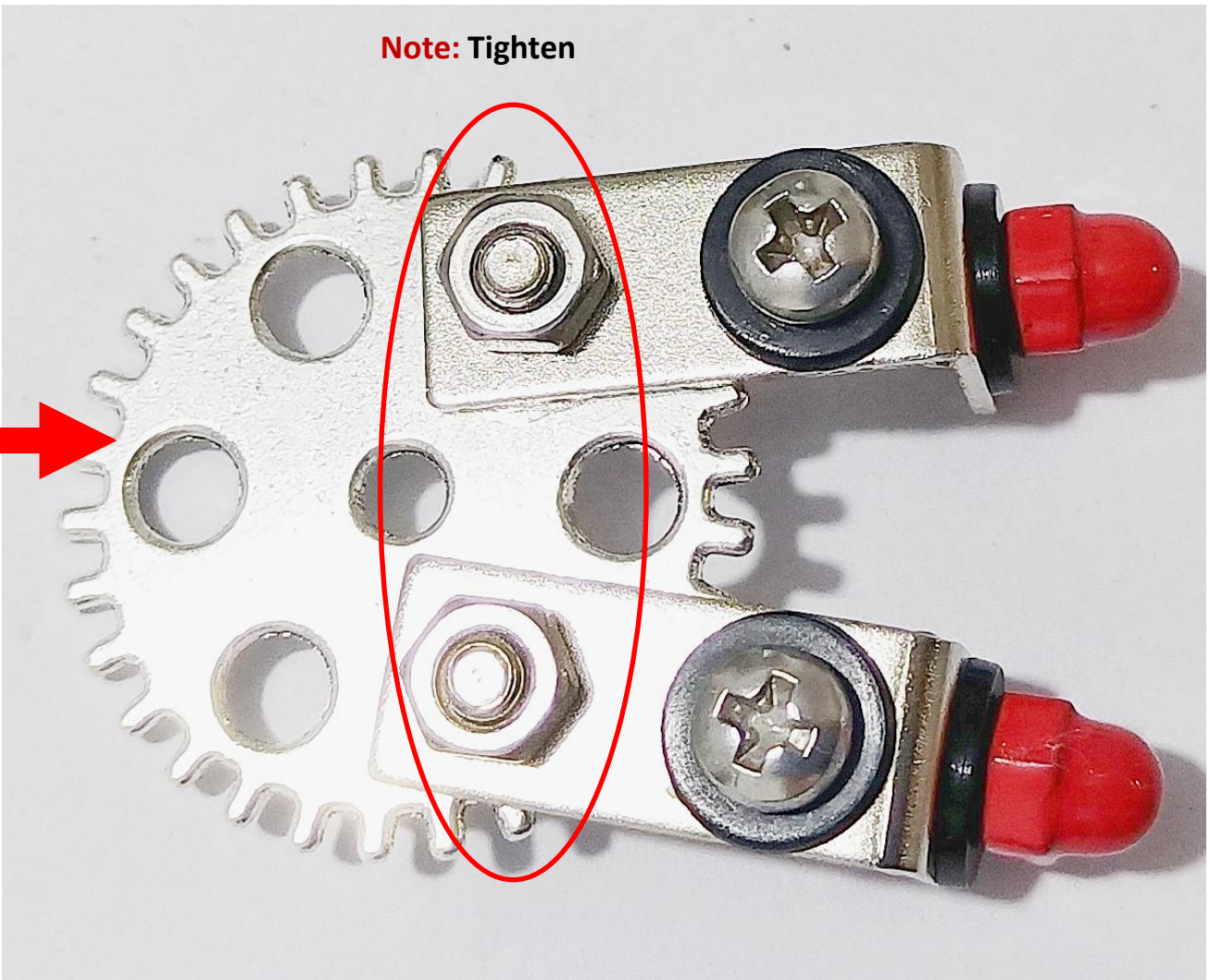
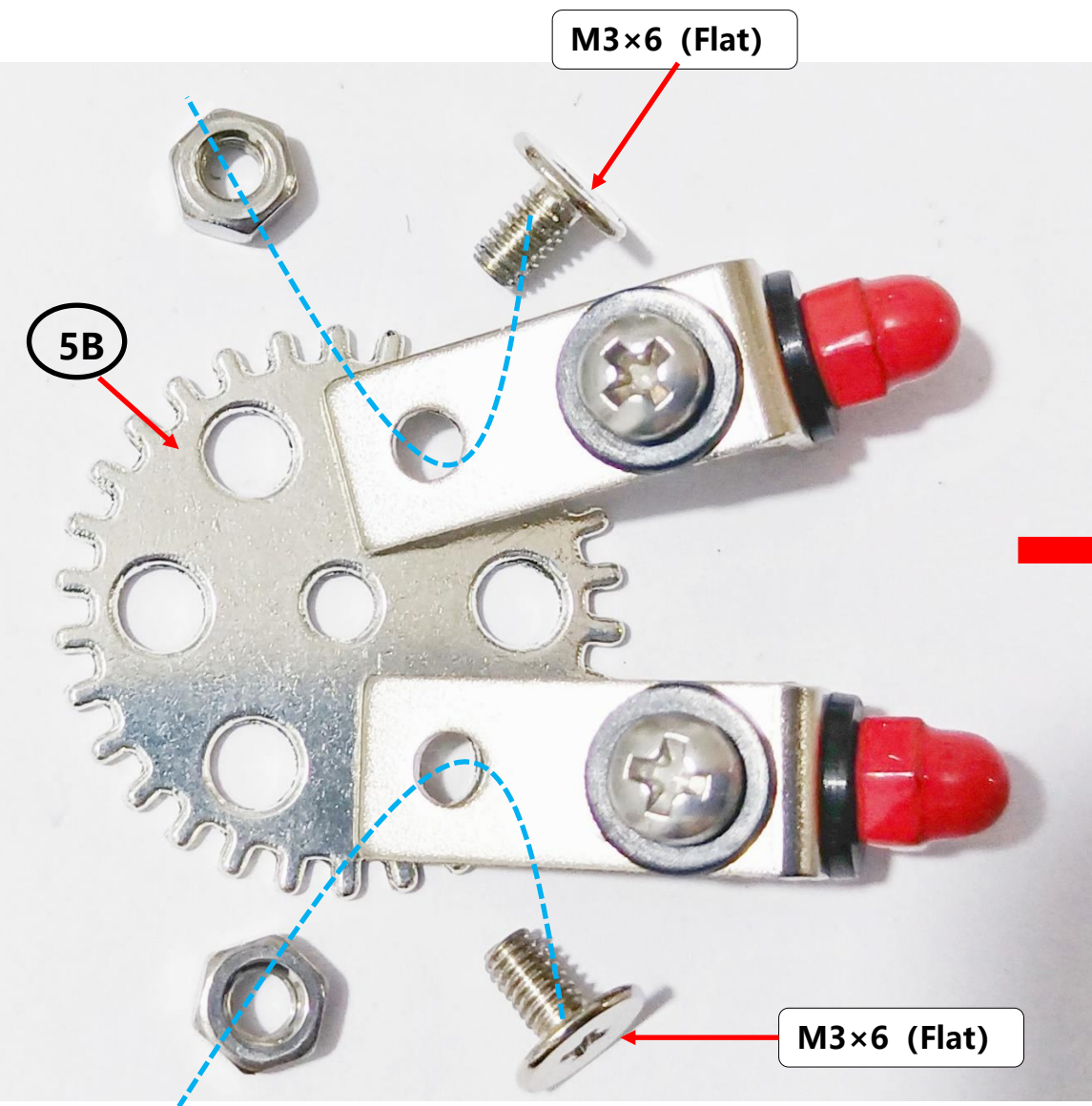


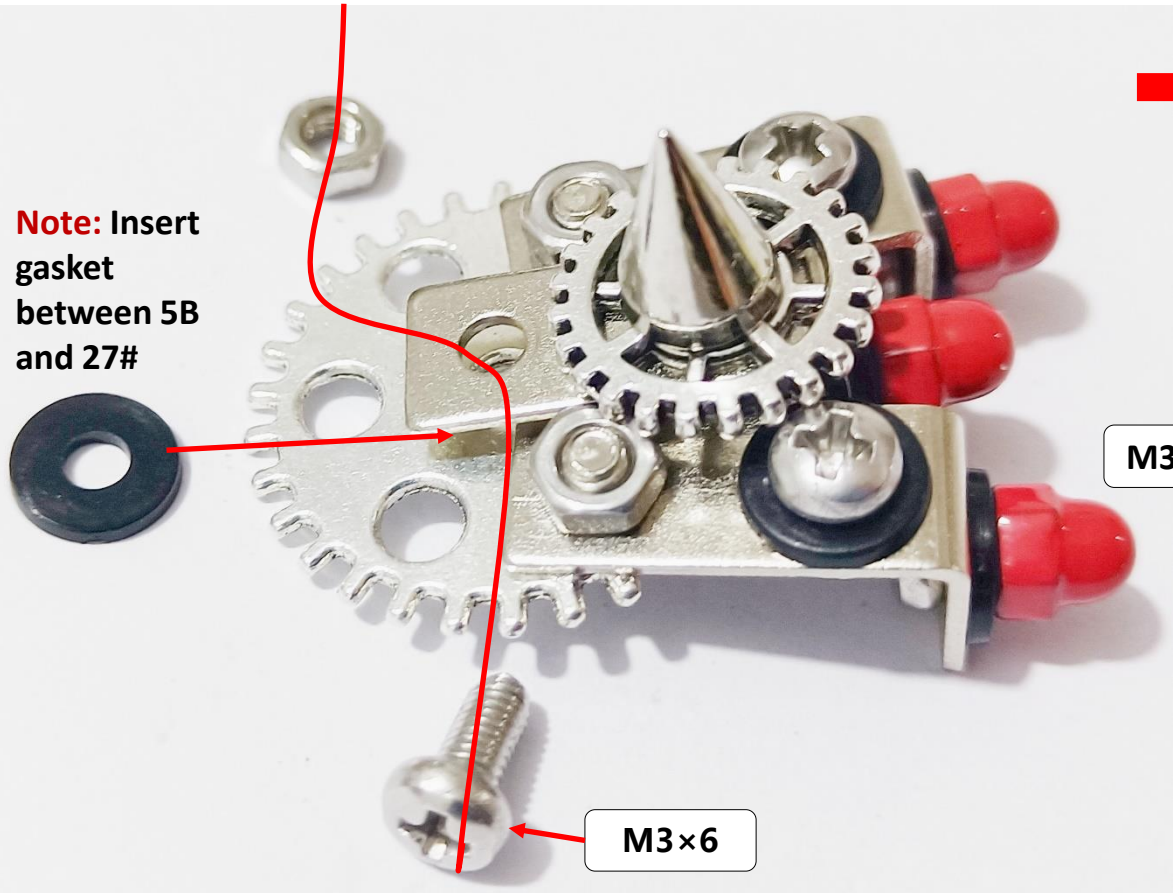






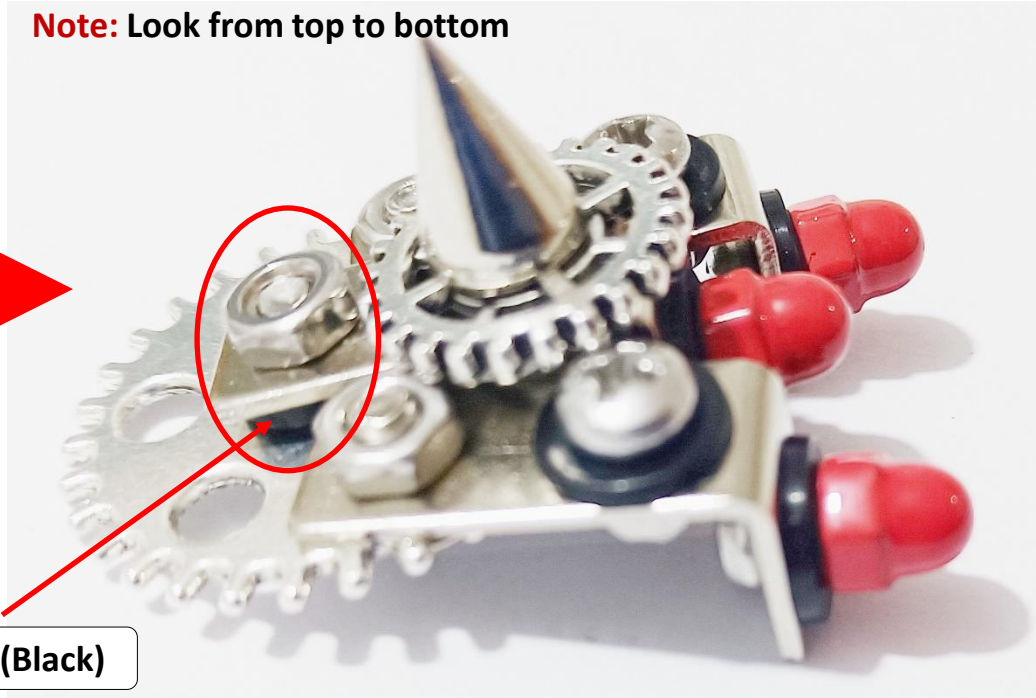
Note: Make 5 in total according to the drawing (spare)



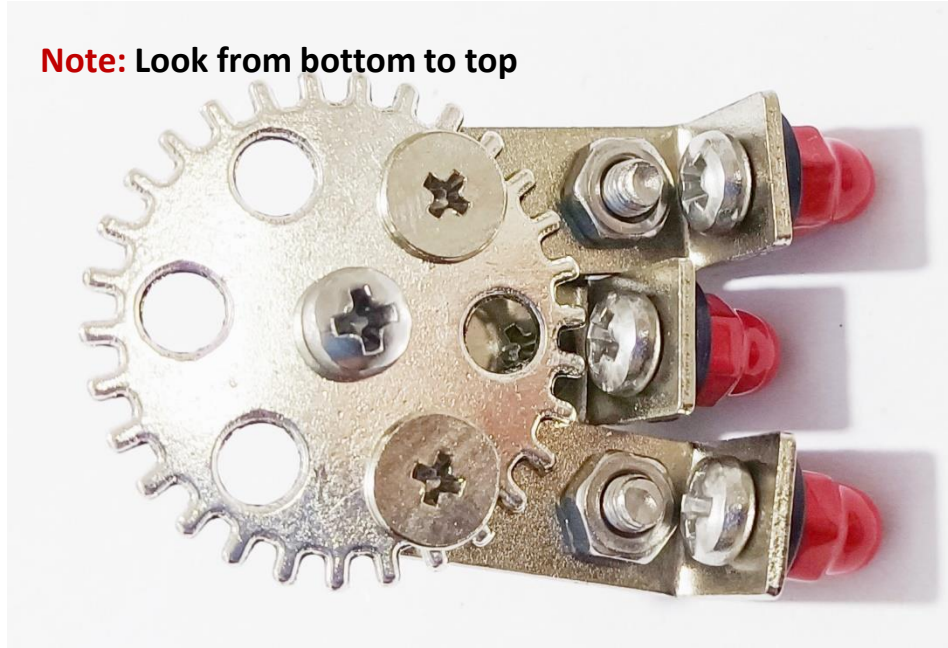


Note: The M3*6 screw is pierced from bottom to top

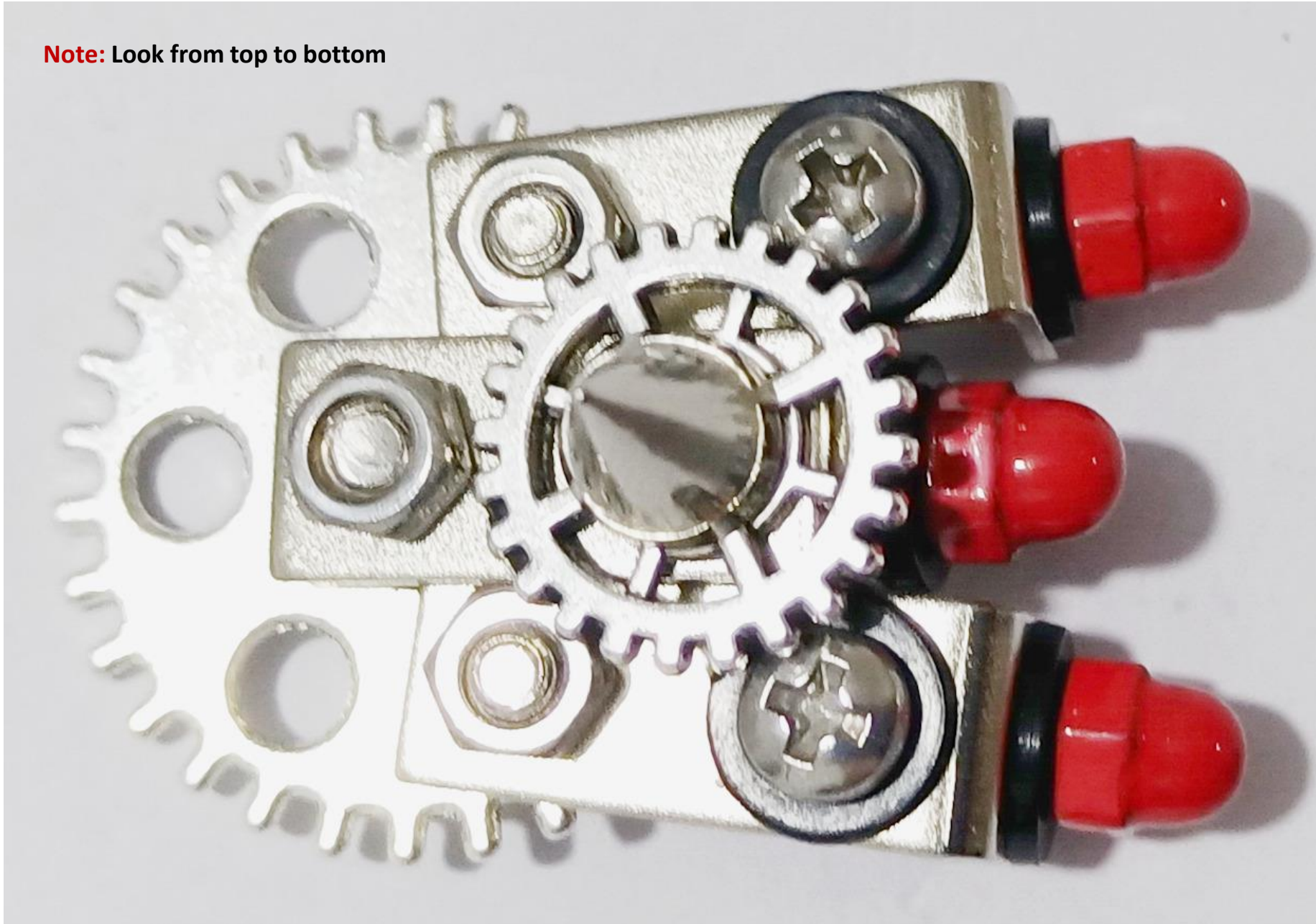
Note: Look from top to bottom

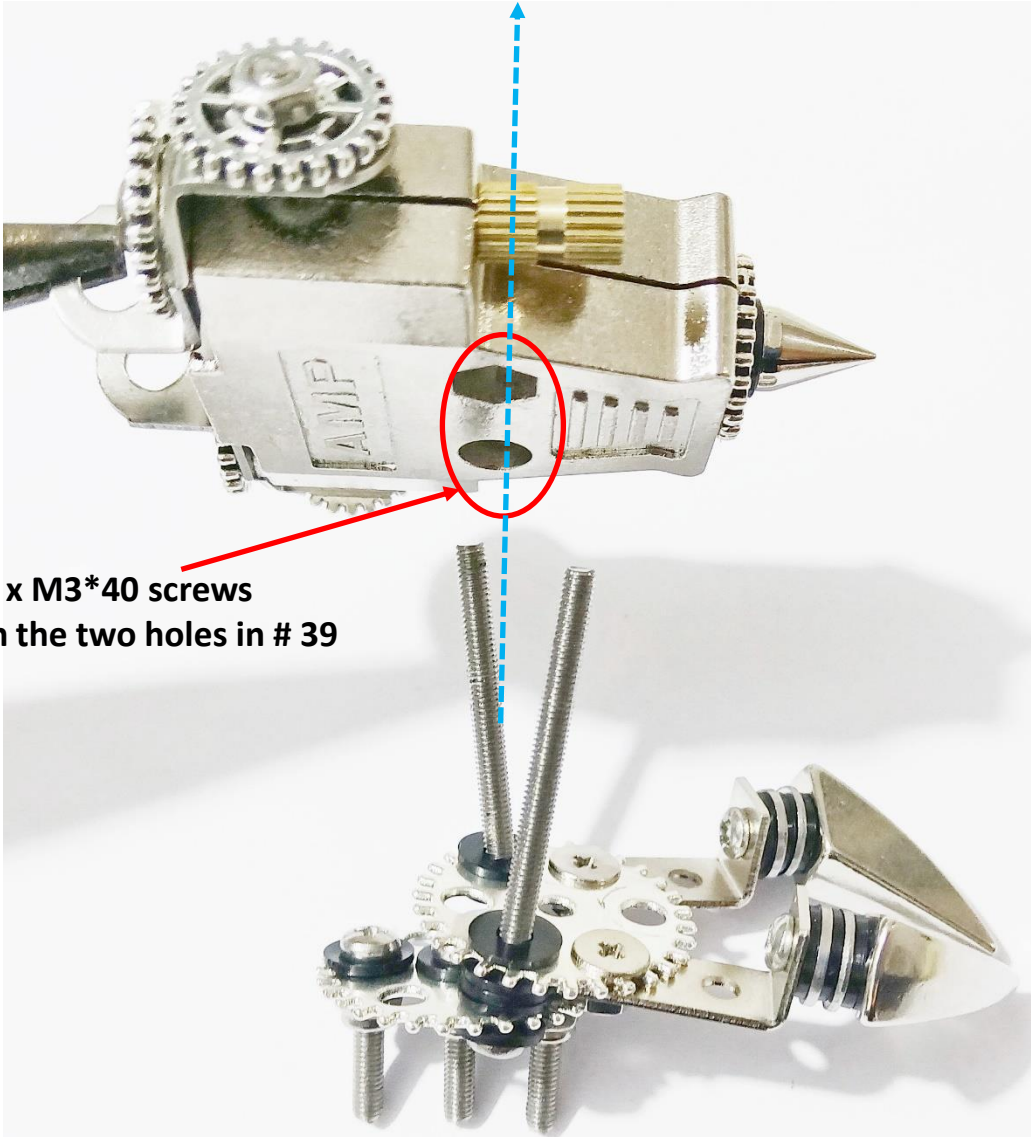
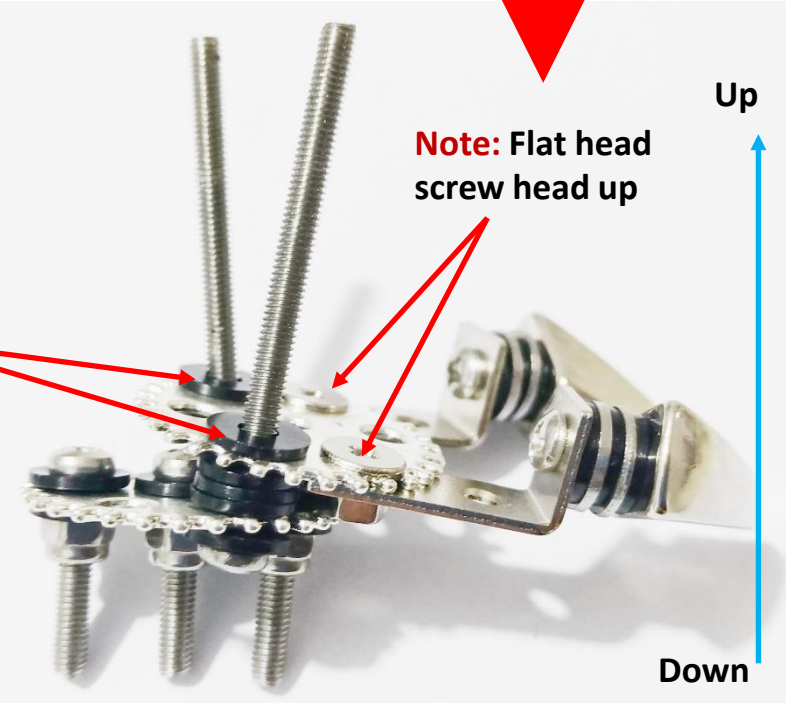
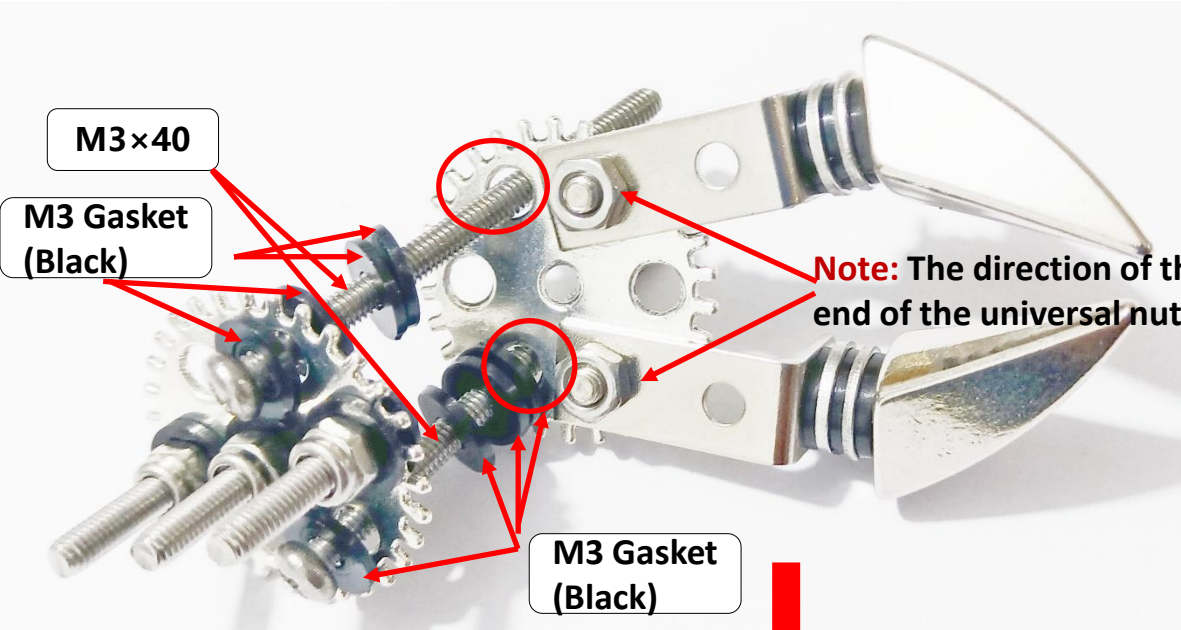


Note: Look from bottom to top

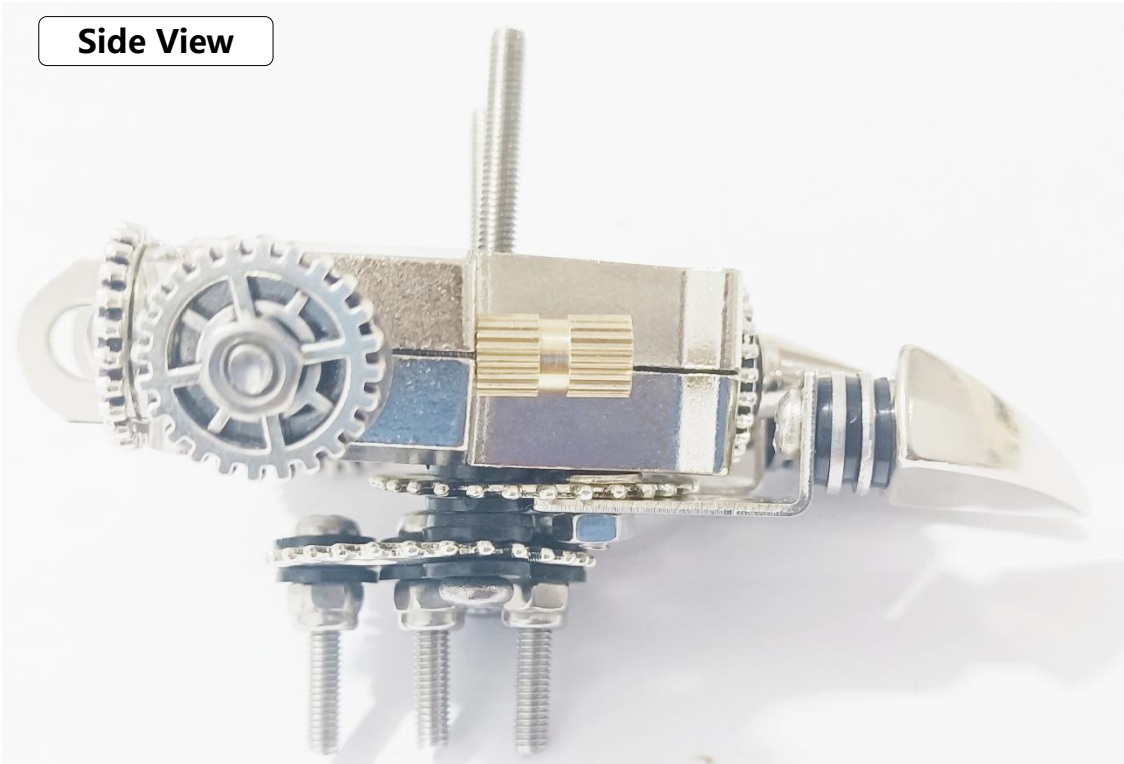


Note: Look from top to bottom

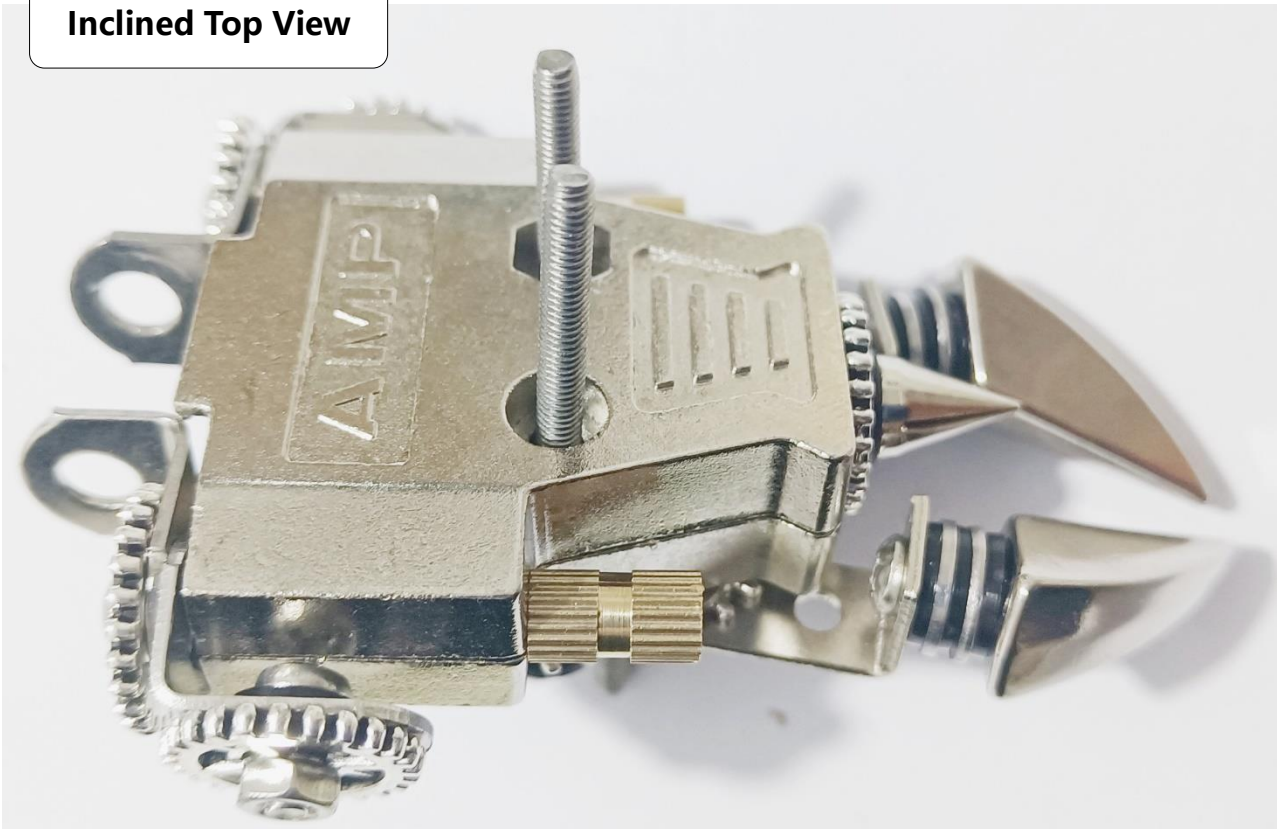


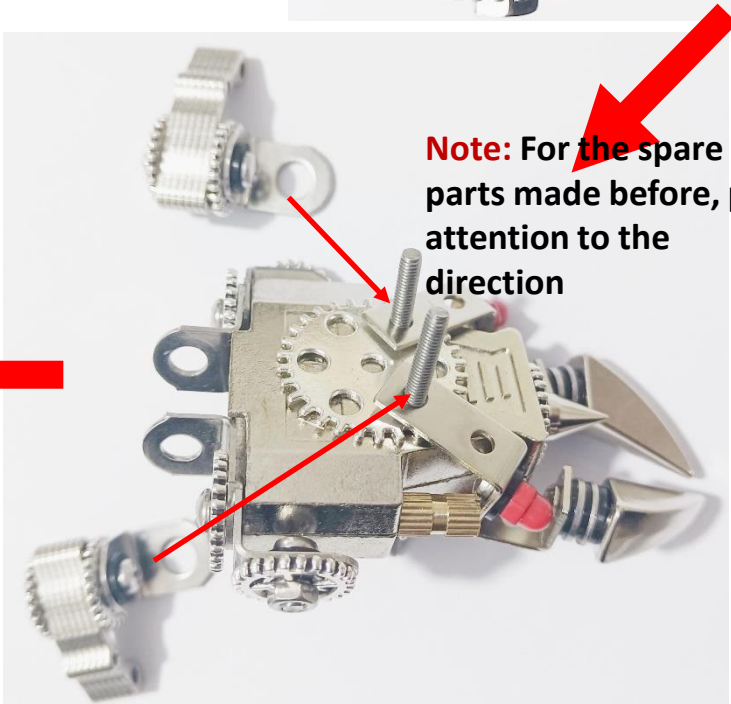
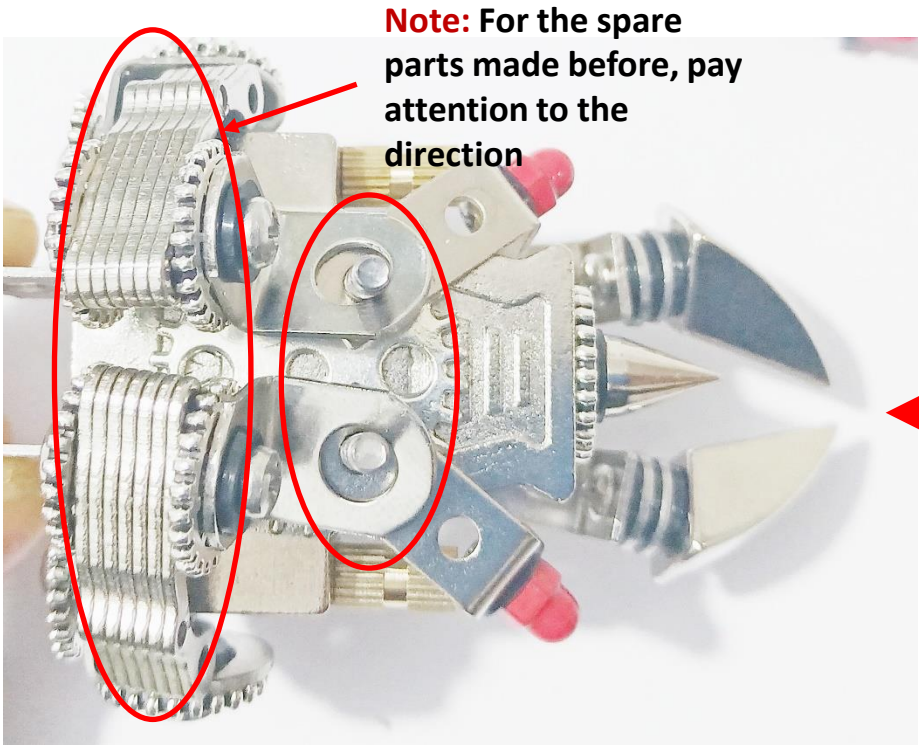
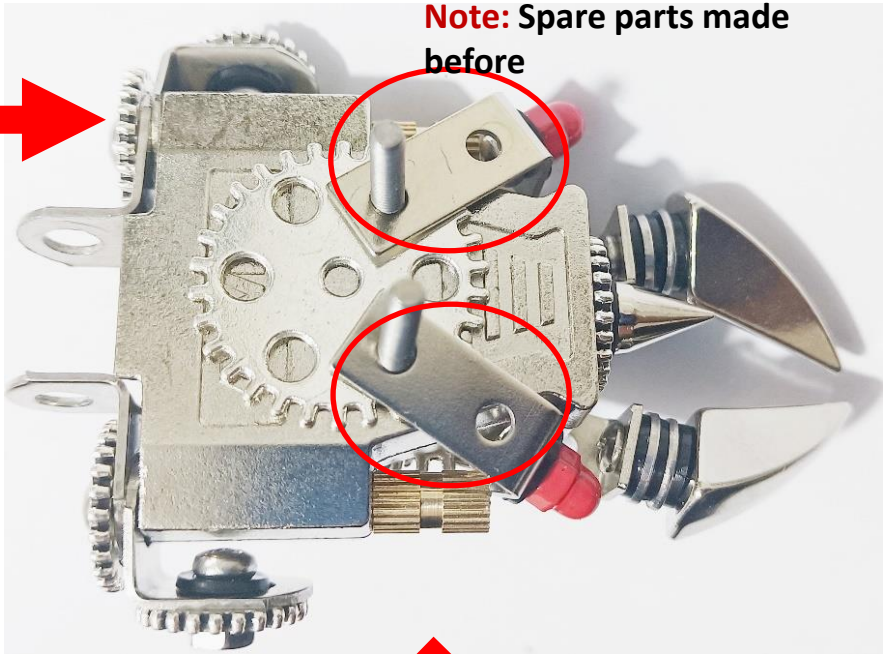
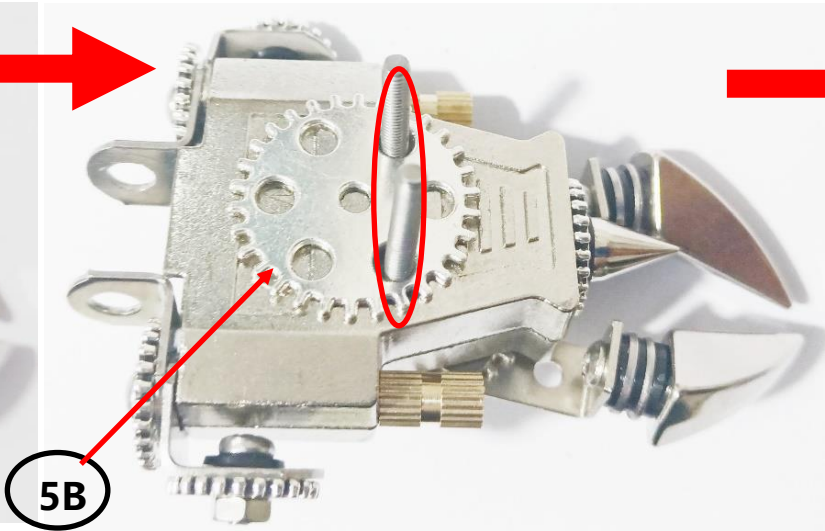
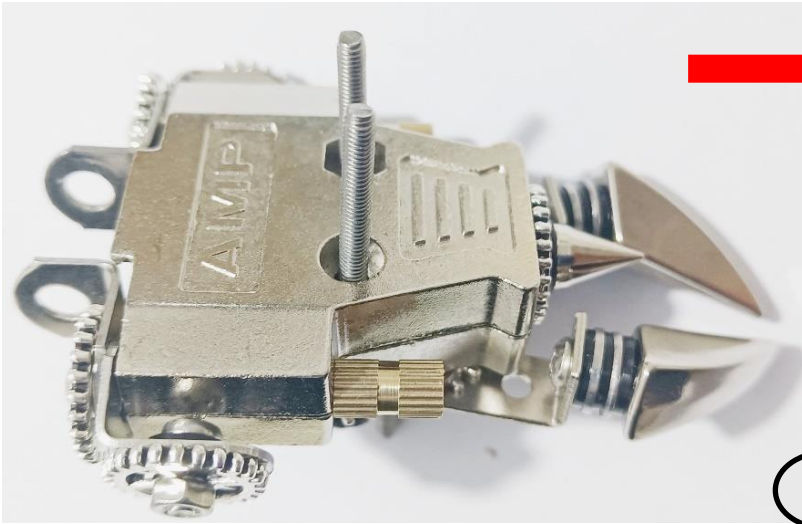


Side View

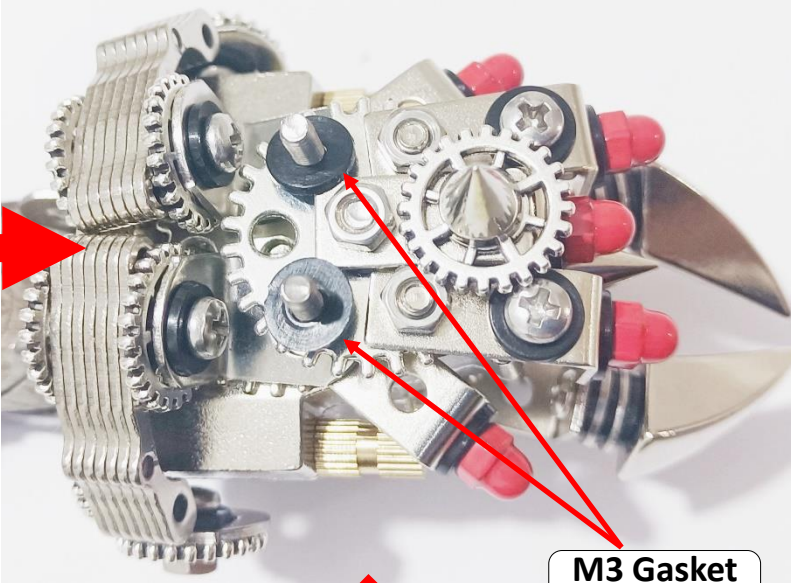
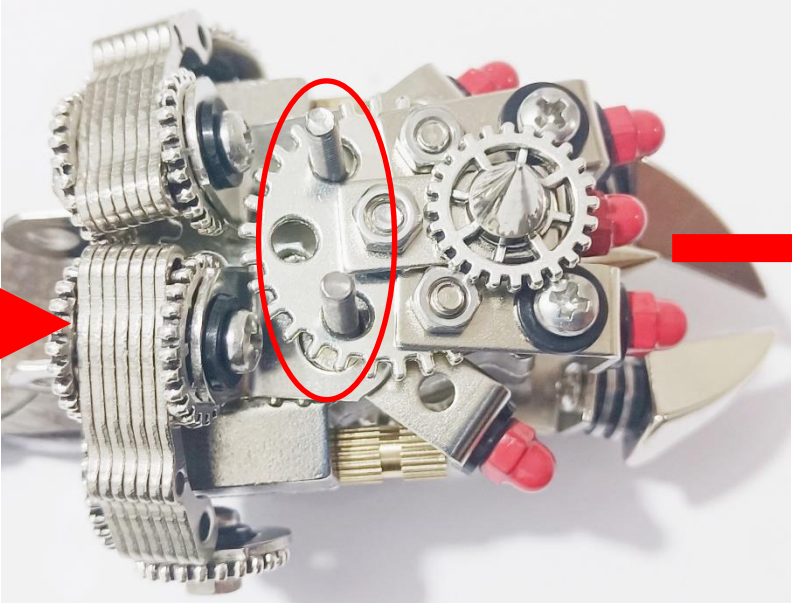
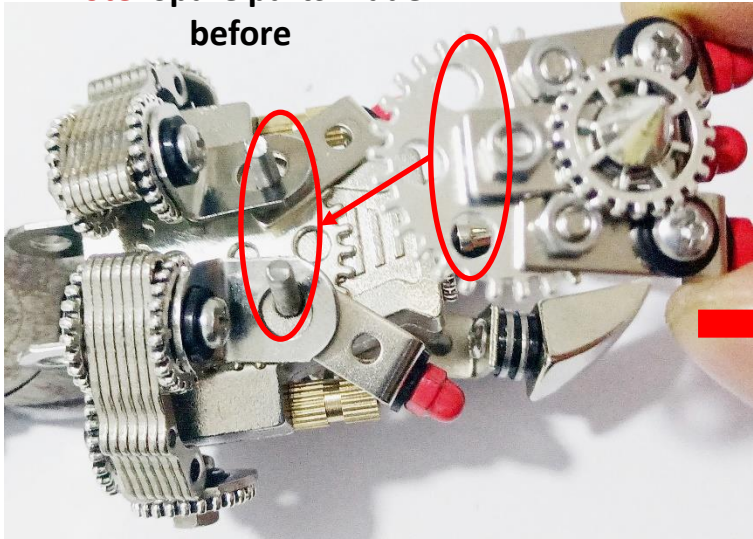


Inclined Top View



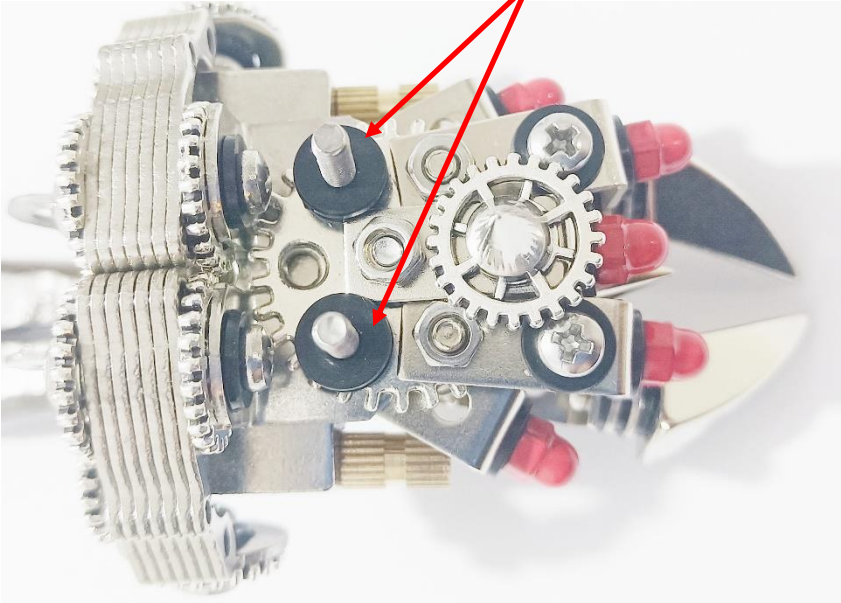


Note: Spare parts made before



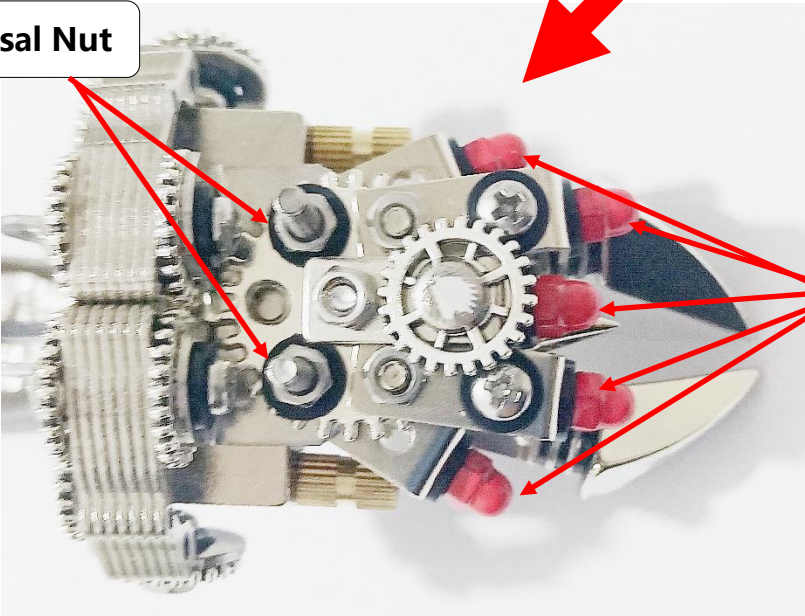
M3 Gasket (Black)

M3 Gasket (Black)

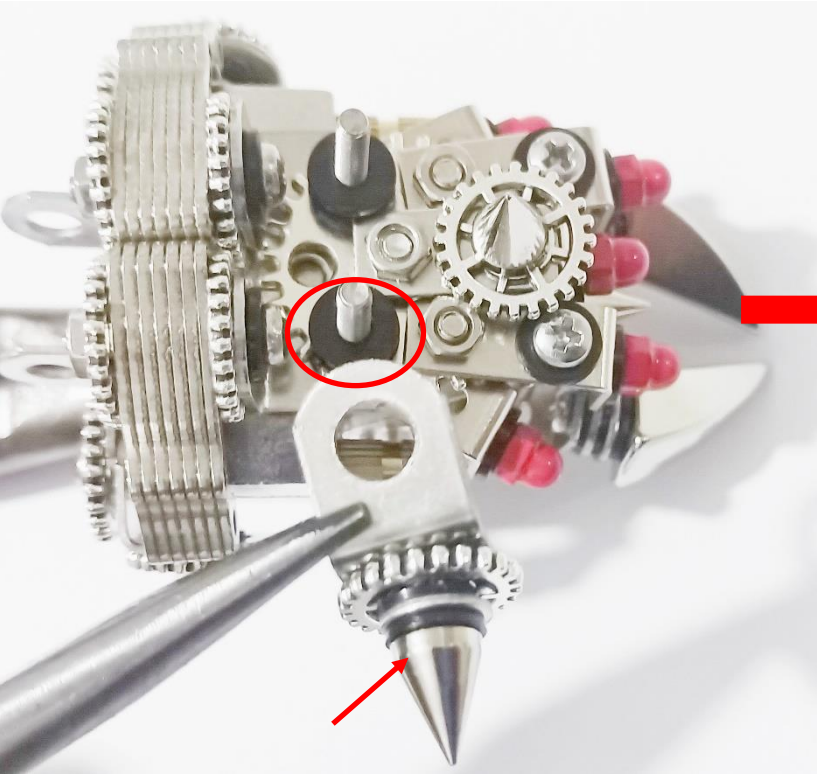


Universal Nut

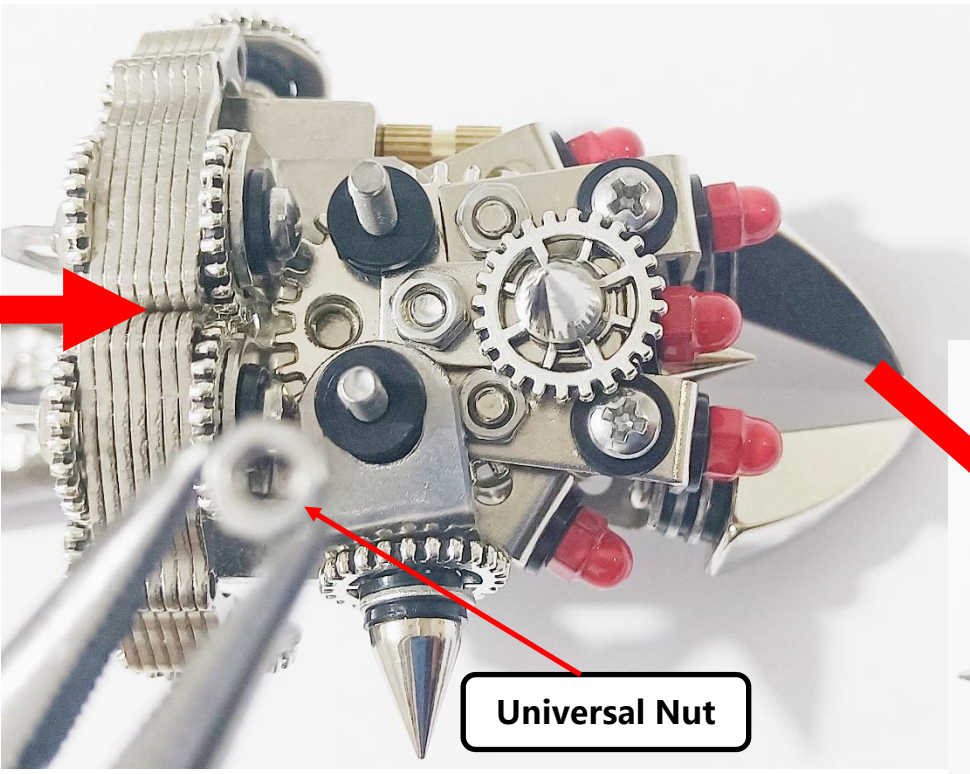
Note: Tighten



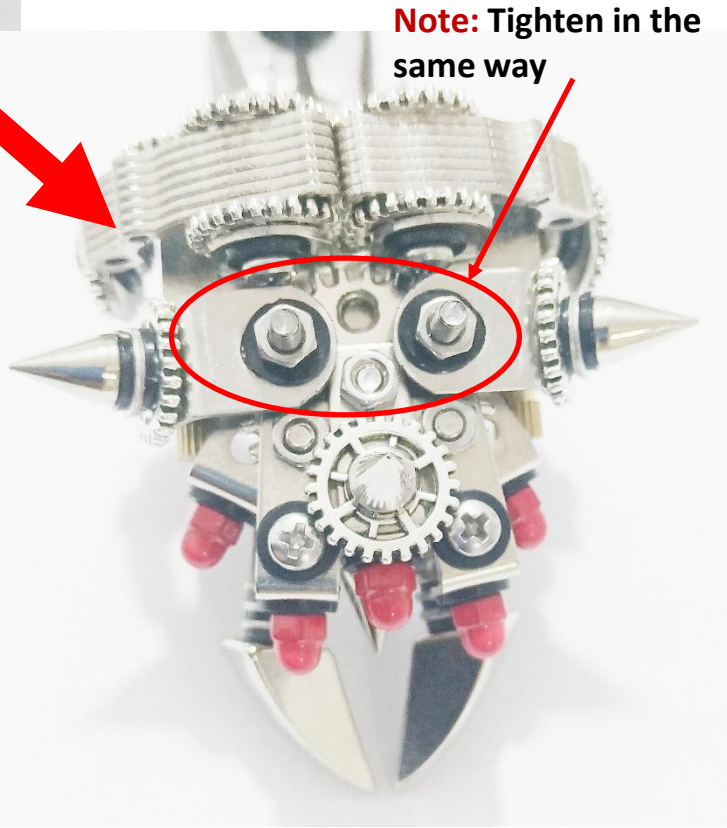
Note: Adjust the eyes forward



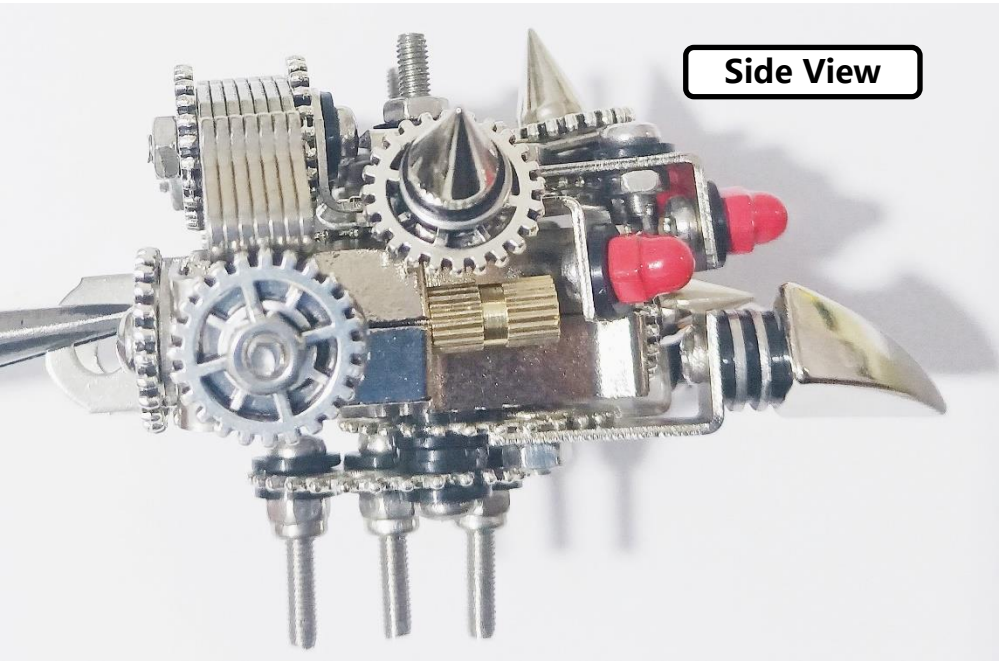
Note: Spare parts made before



Universal Nut



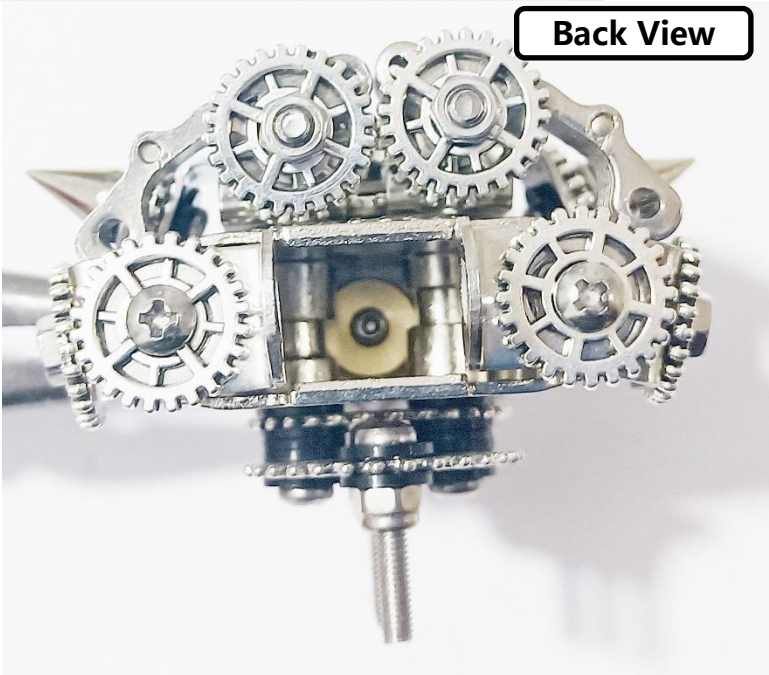
Note: Tighten in the same way



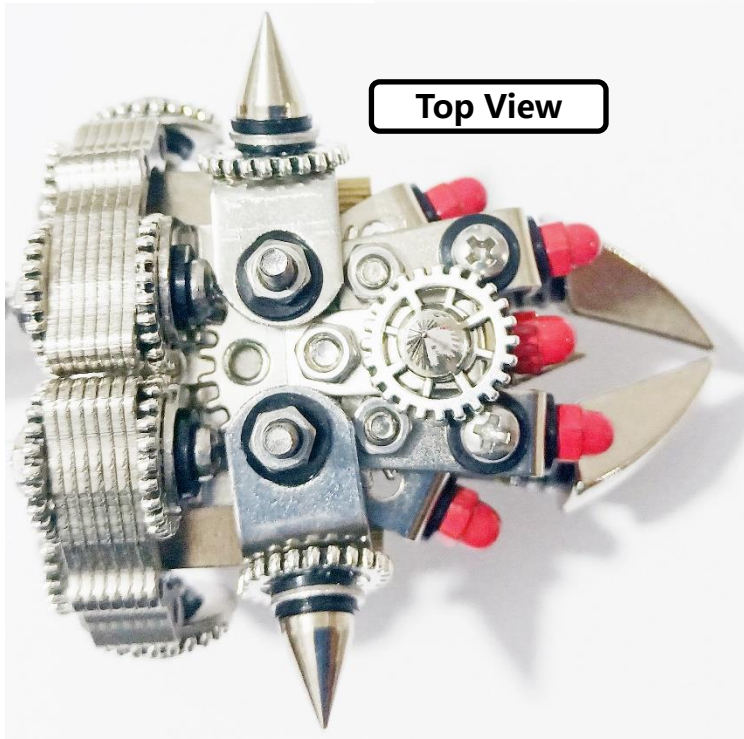
Side View



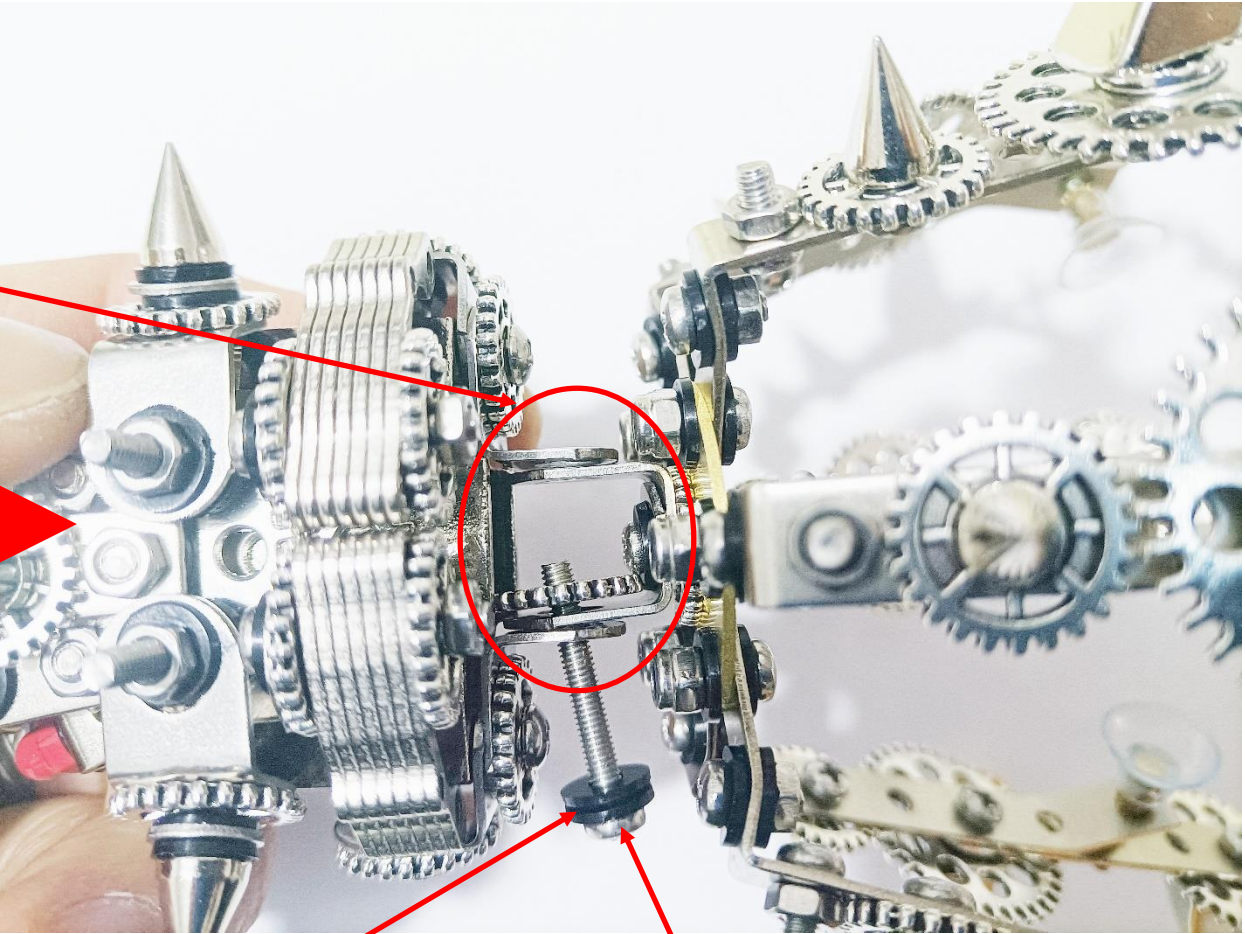
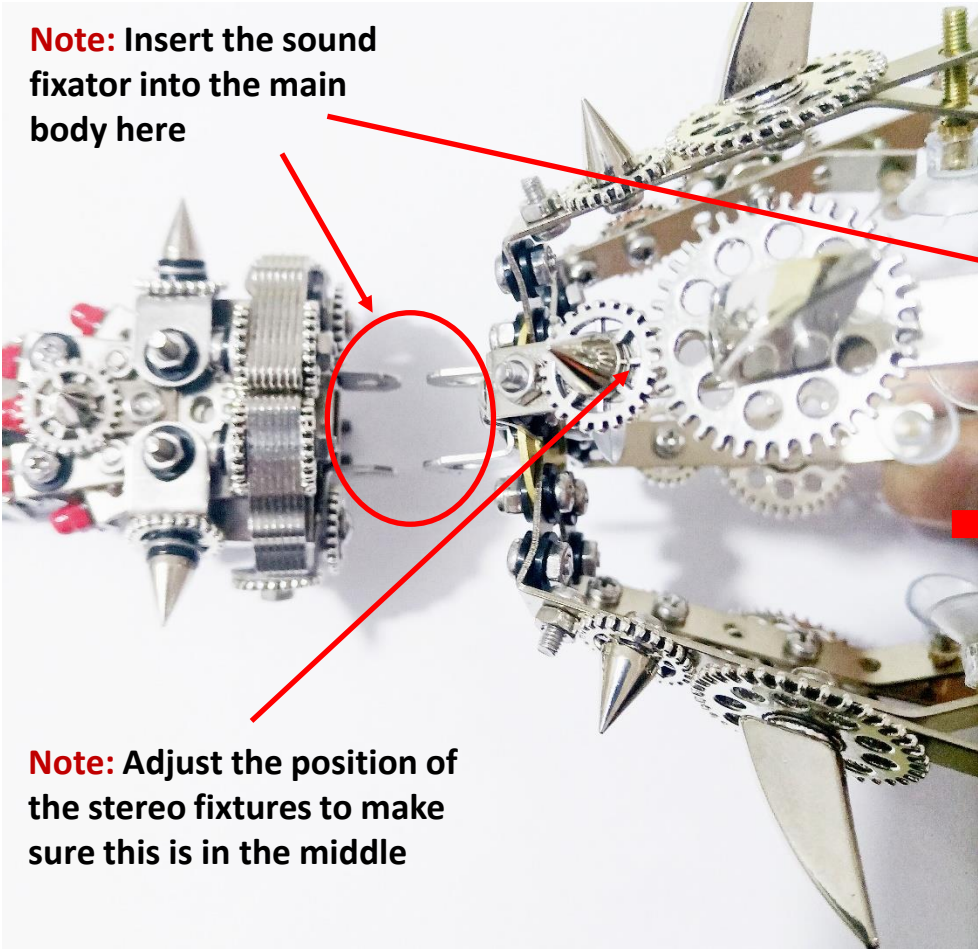
Front View



Back View

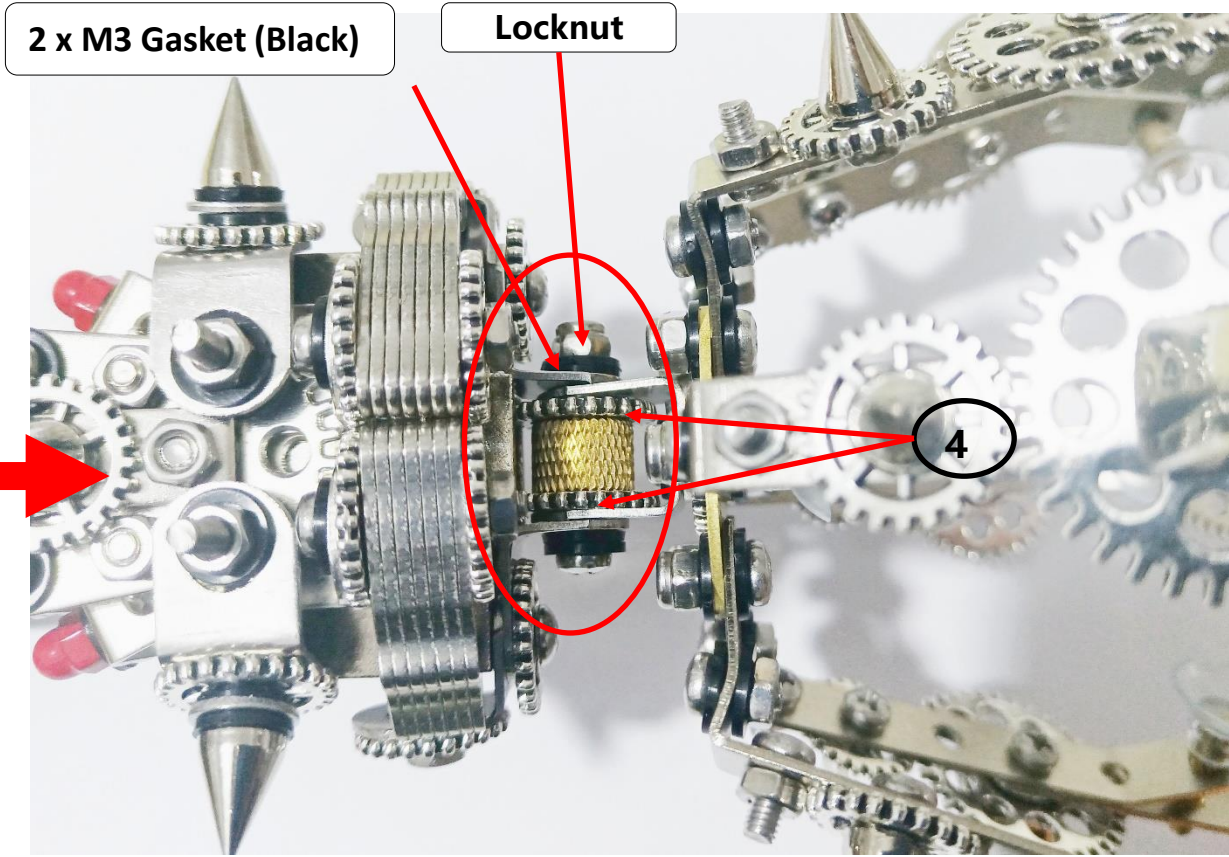
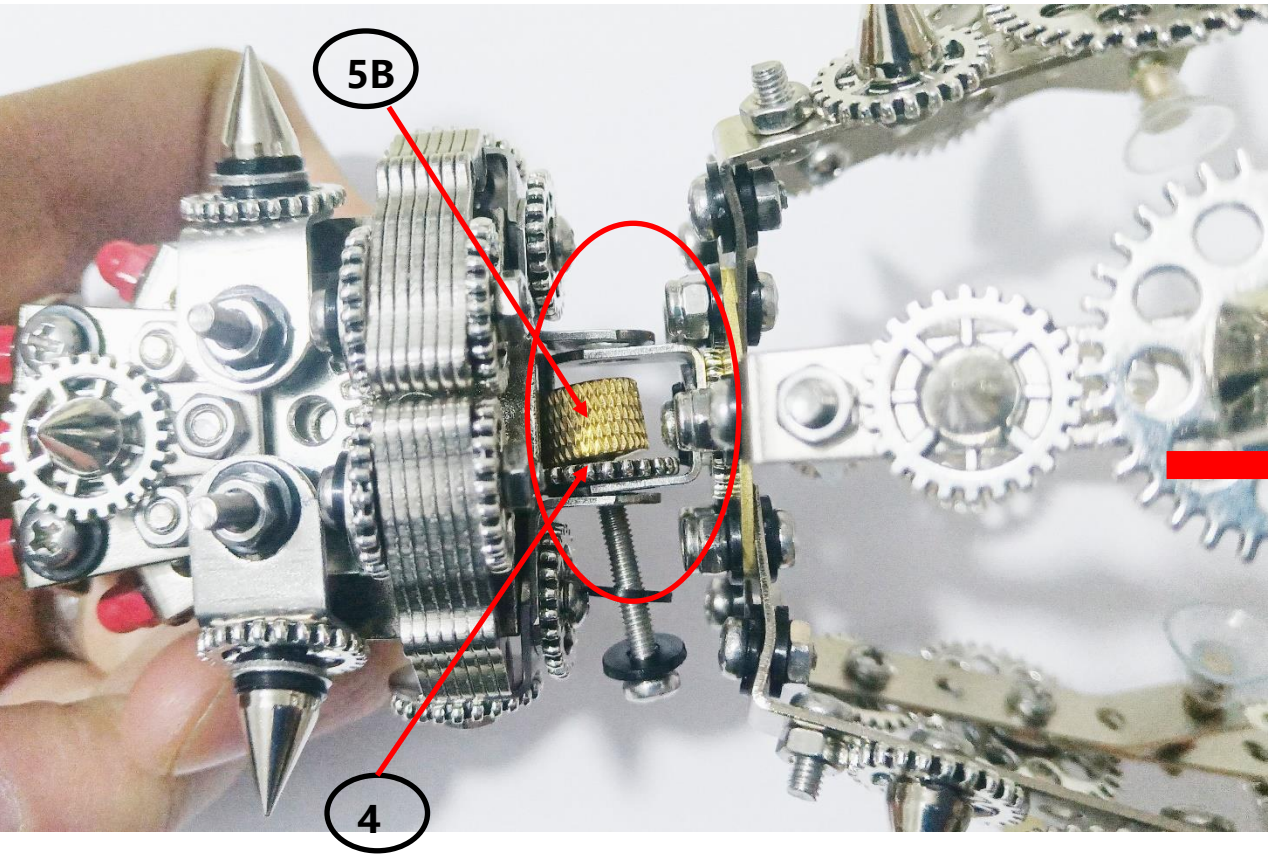


Top View

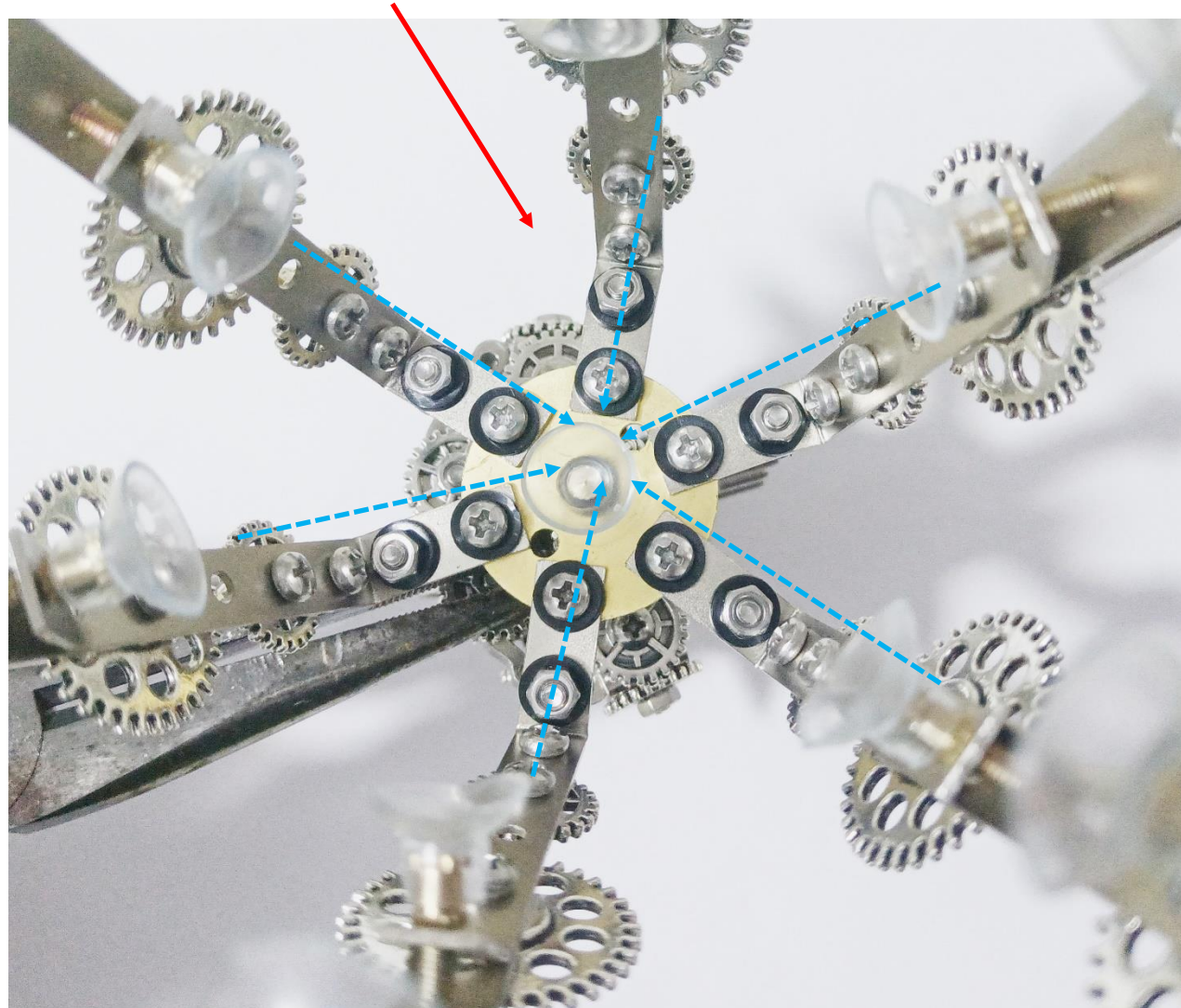


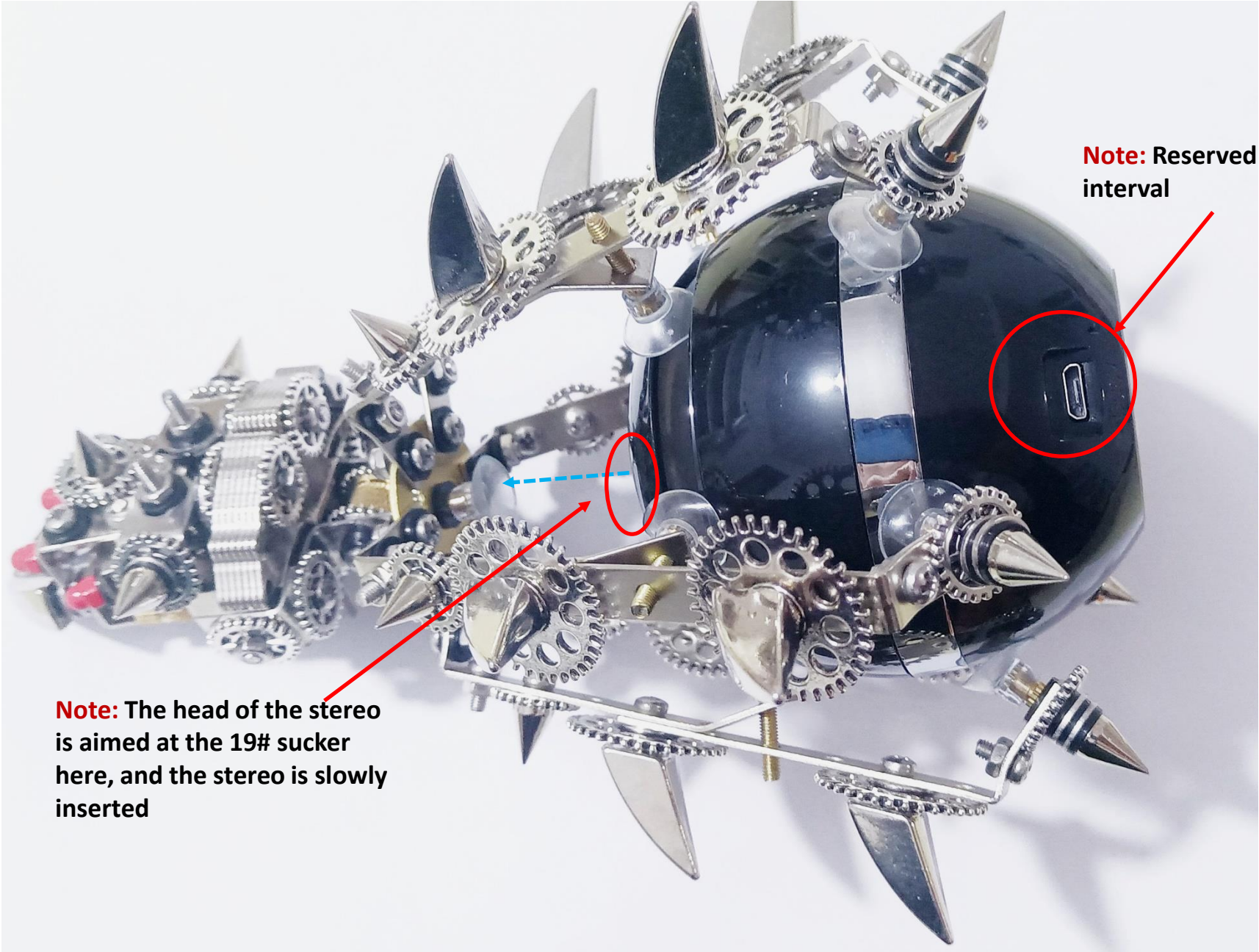
2 x M3 Gasket (Black)

M3×22



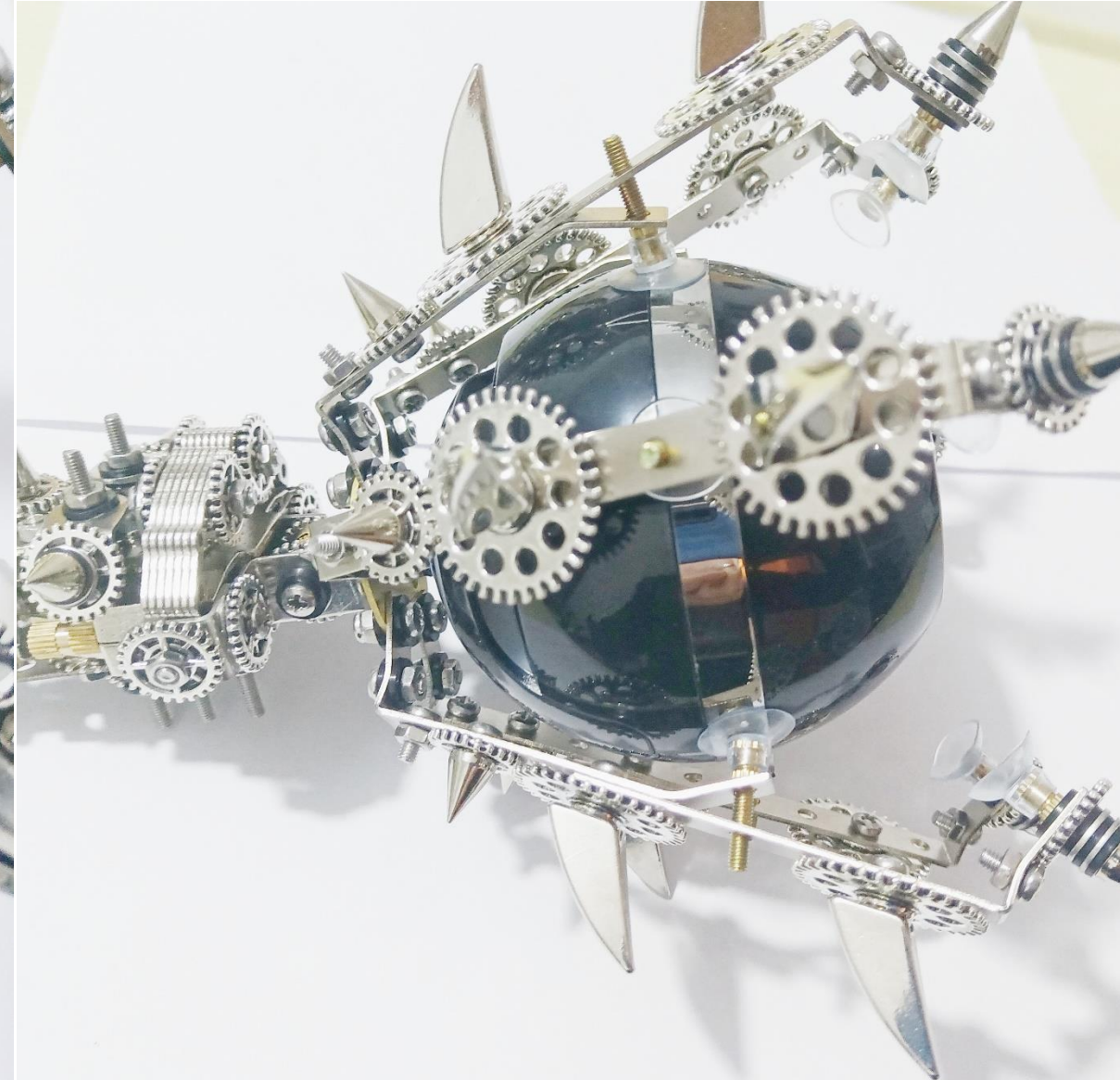
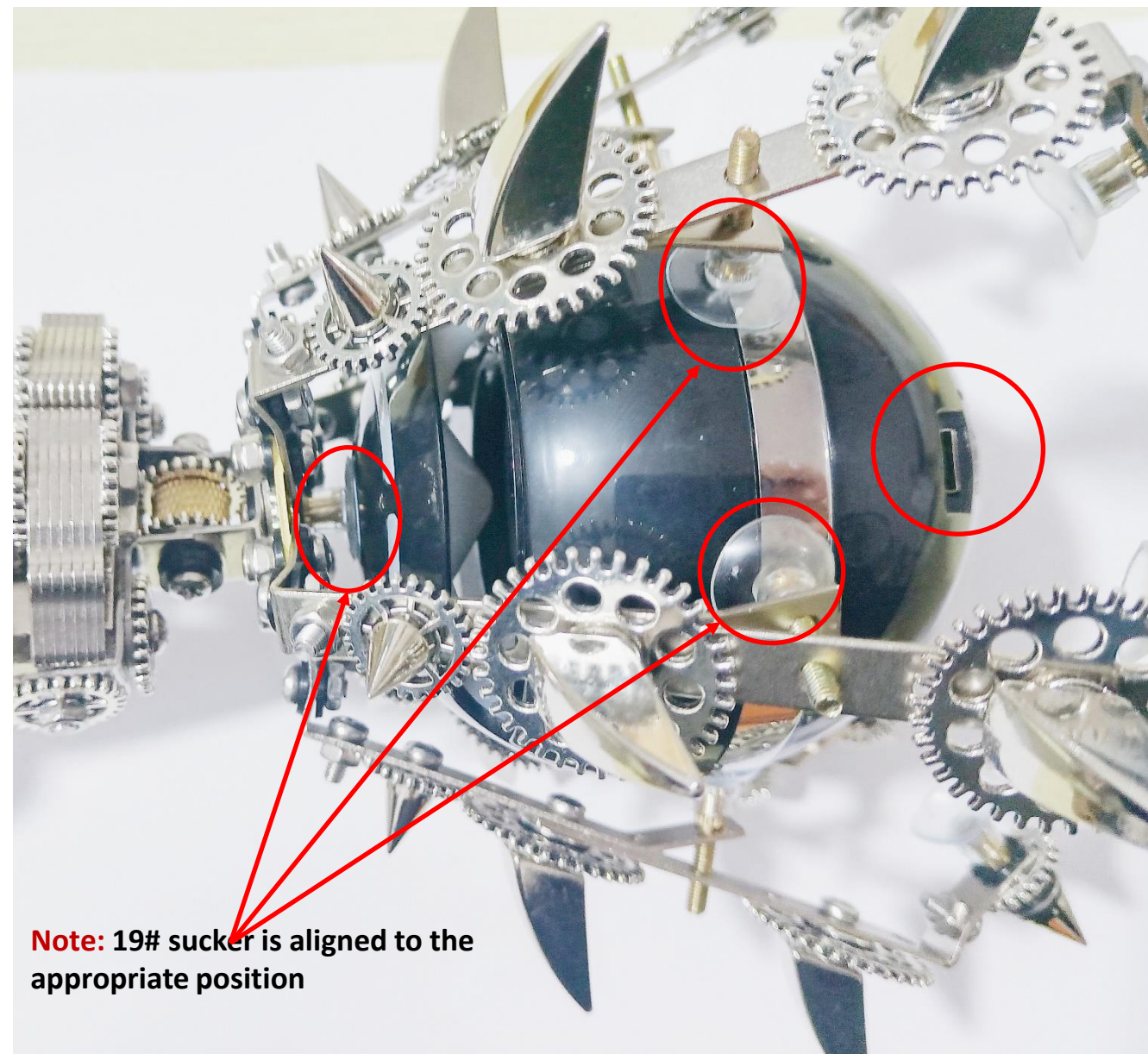
Note: Before installing the stereo, squeeze the 6 fixed parts to the center, so that after installing the stereo, the elasticity of the fixed parts can be used to fix it more closely

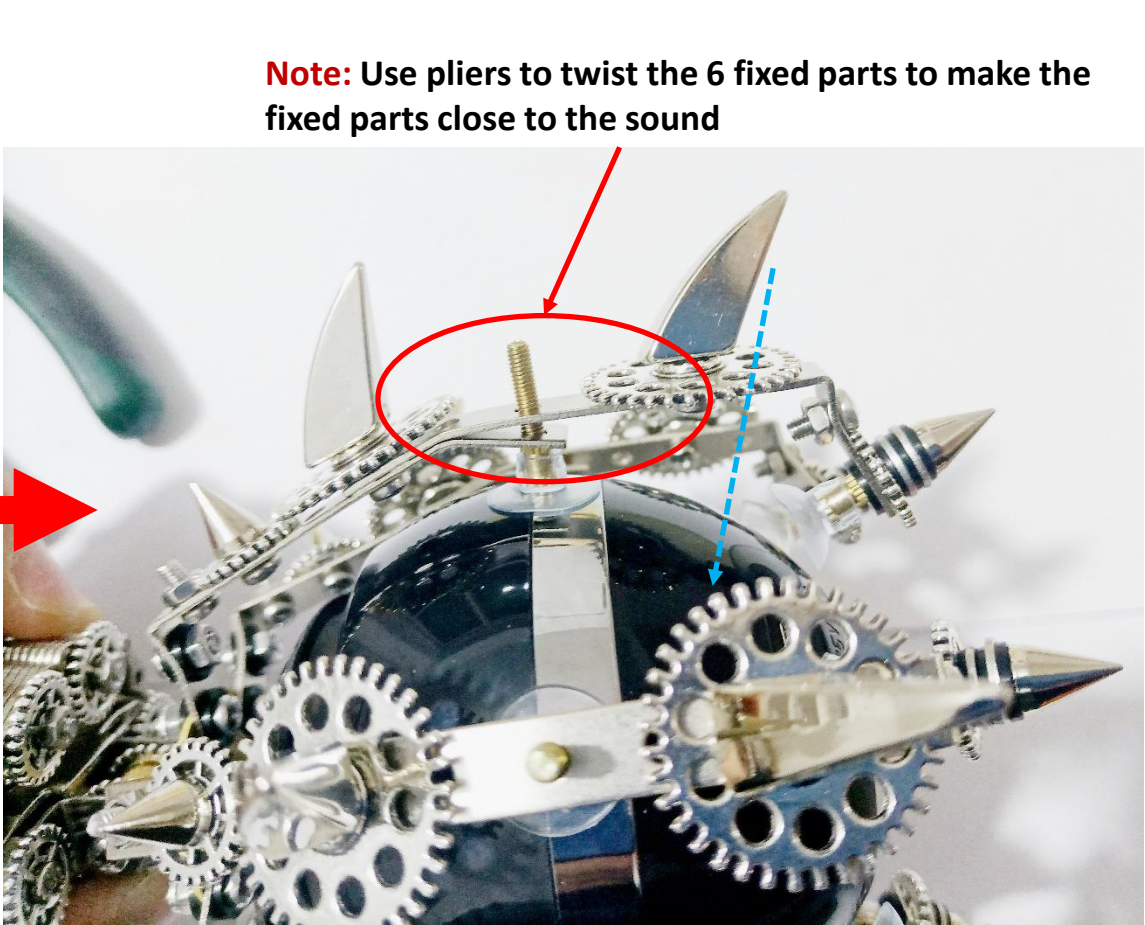
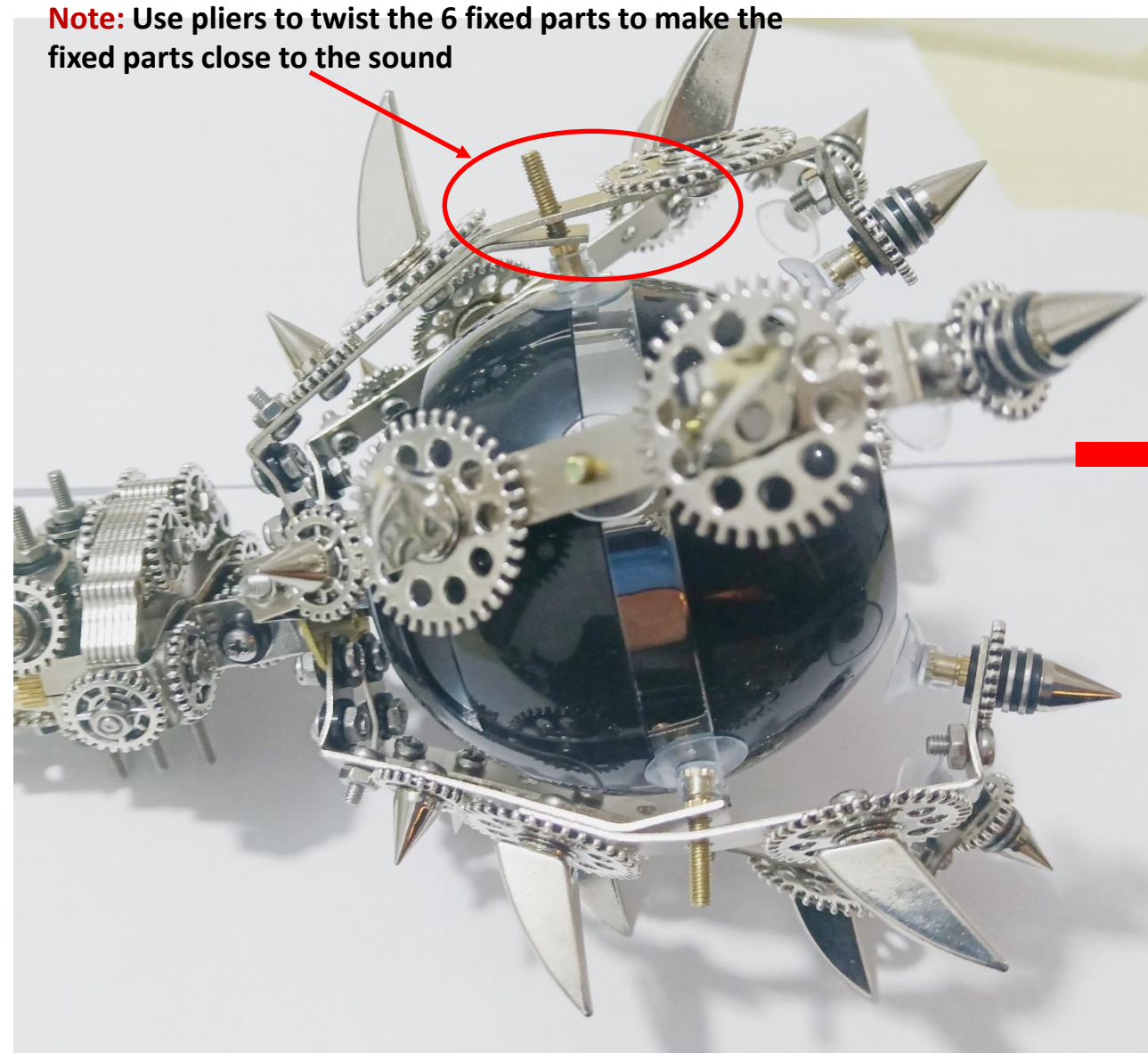




Note: Reserved charging port interval

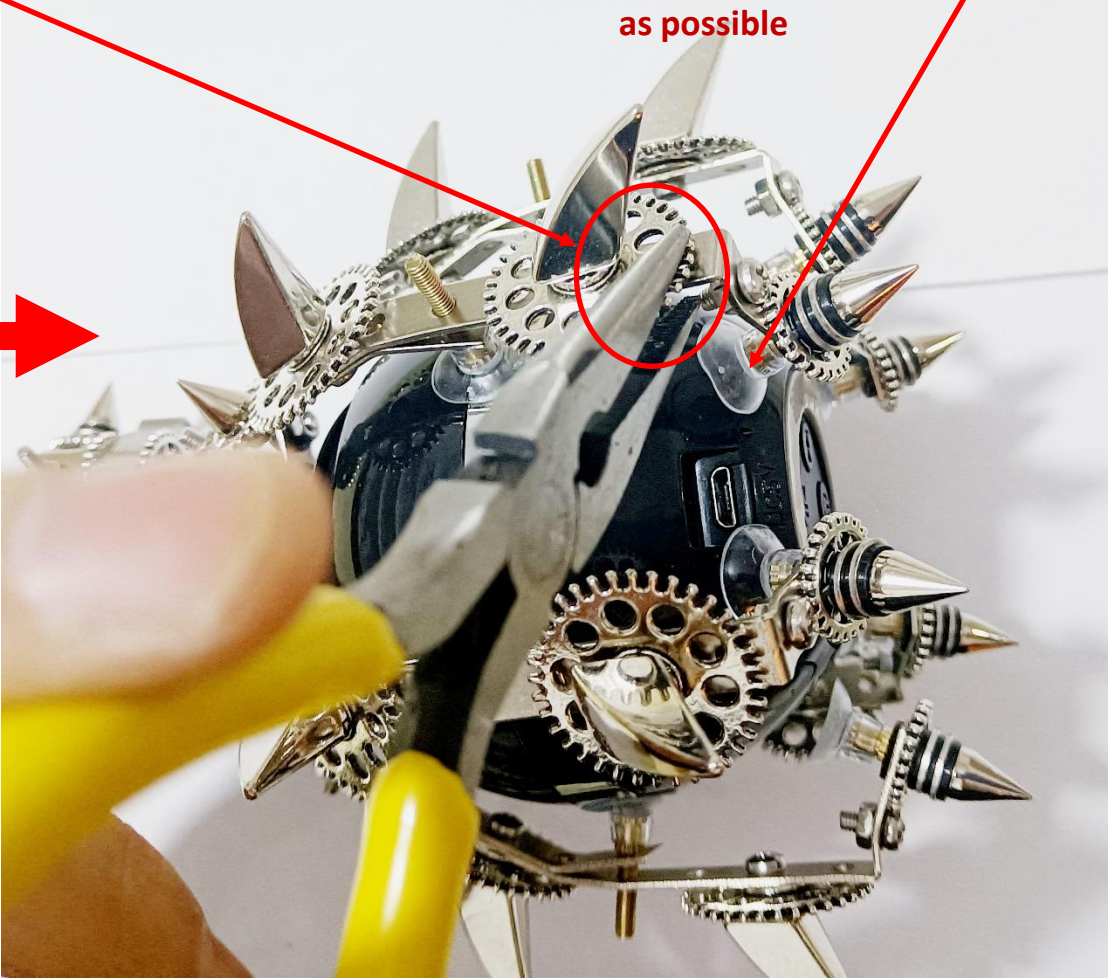
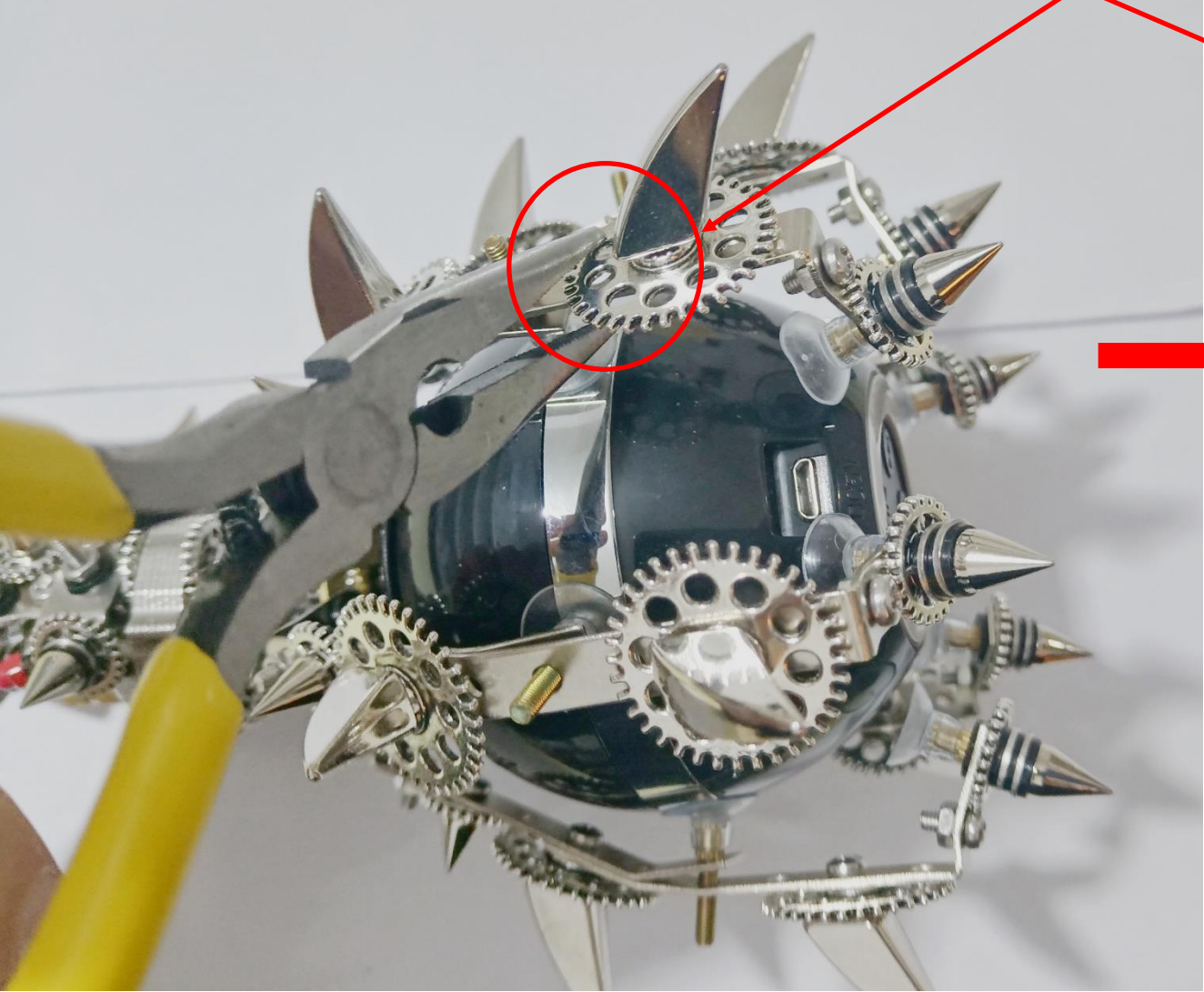
Note: The head of the stereo is aimed at the 19# sucker here, and the stereo is slowly inserted

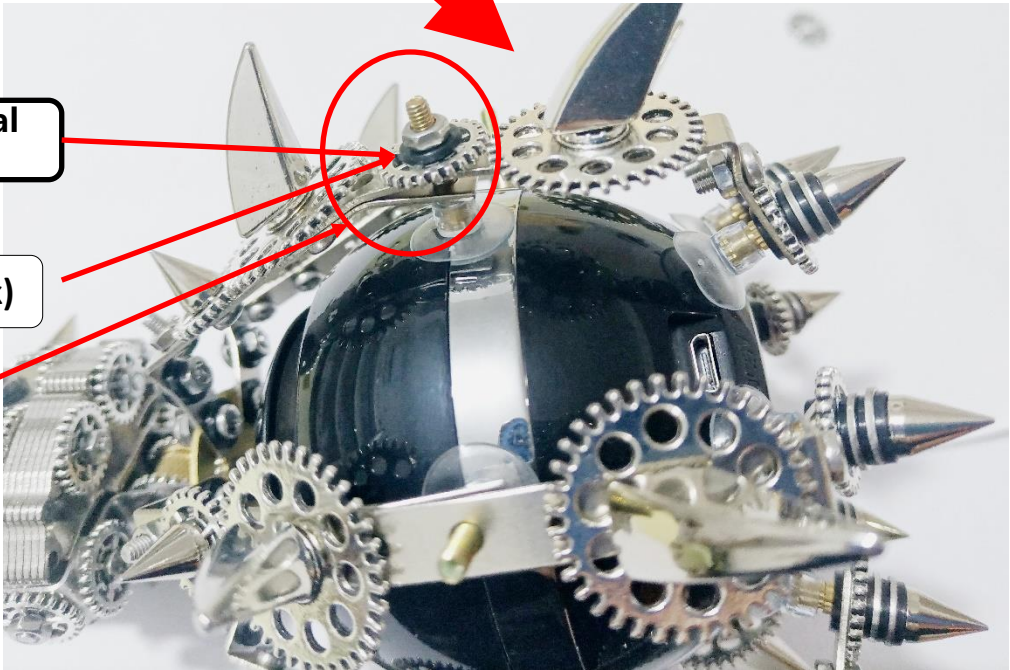
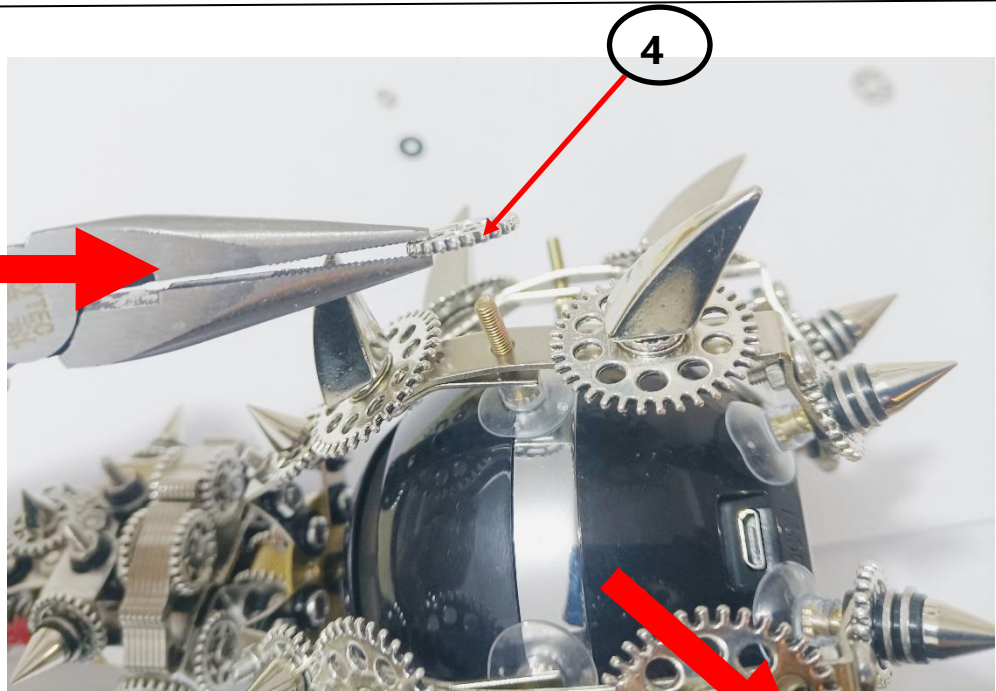
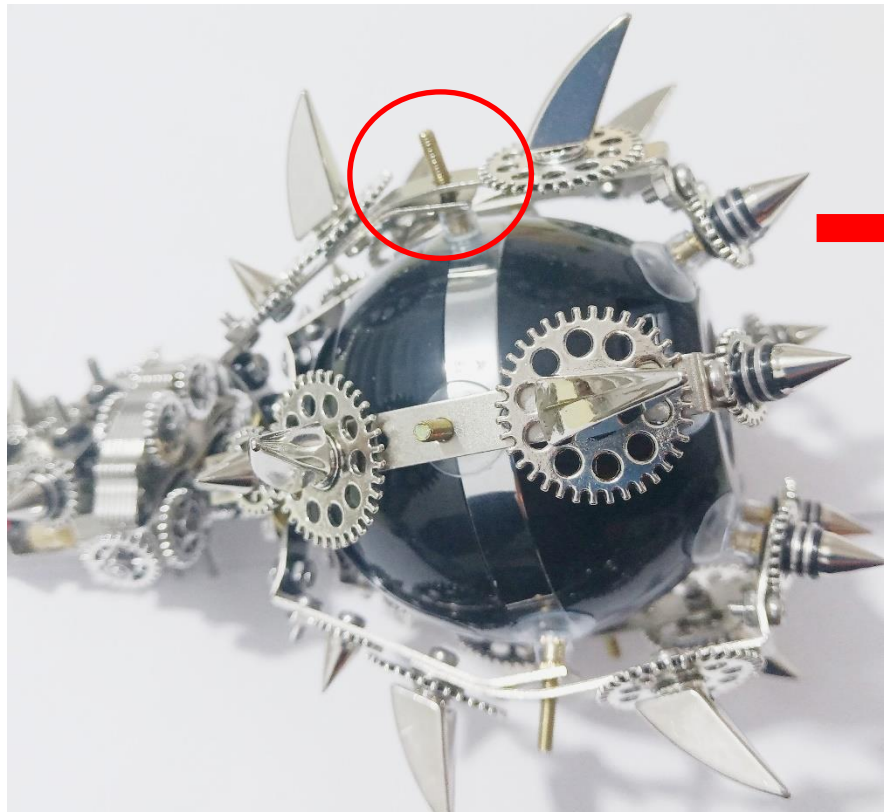




Note: Continue to use pliers to further tilt the 6 fixed parts, so that the fixed parts close to the sound

Note: Make the sucker as close to the end of the sound system as possible

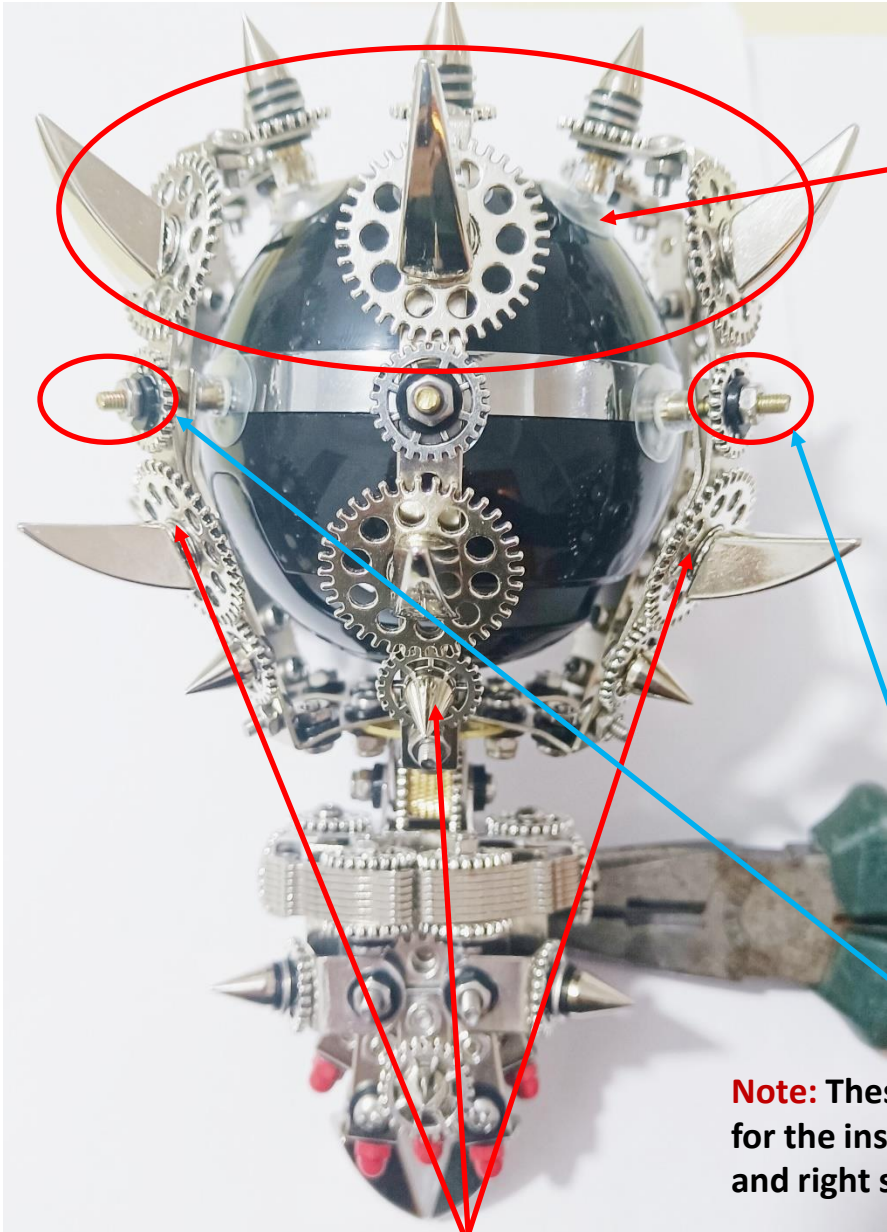




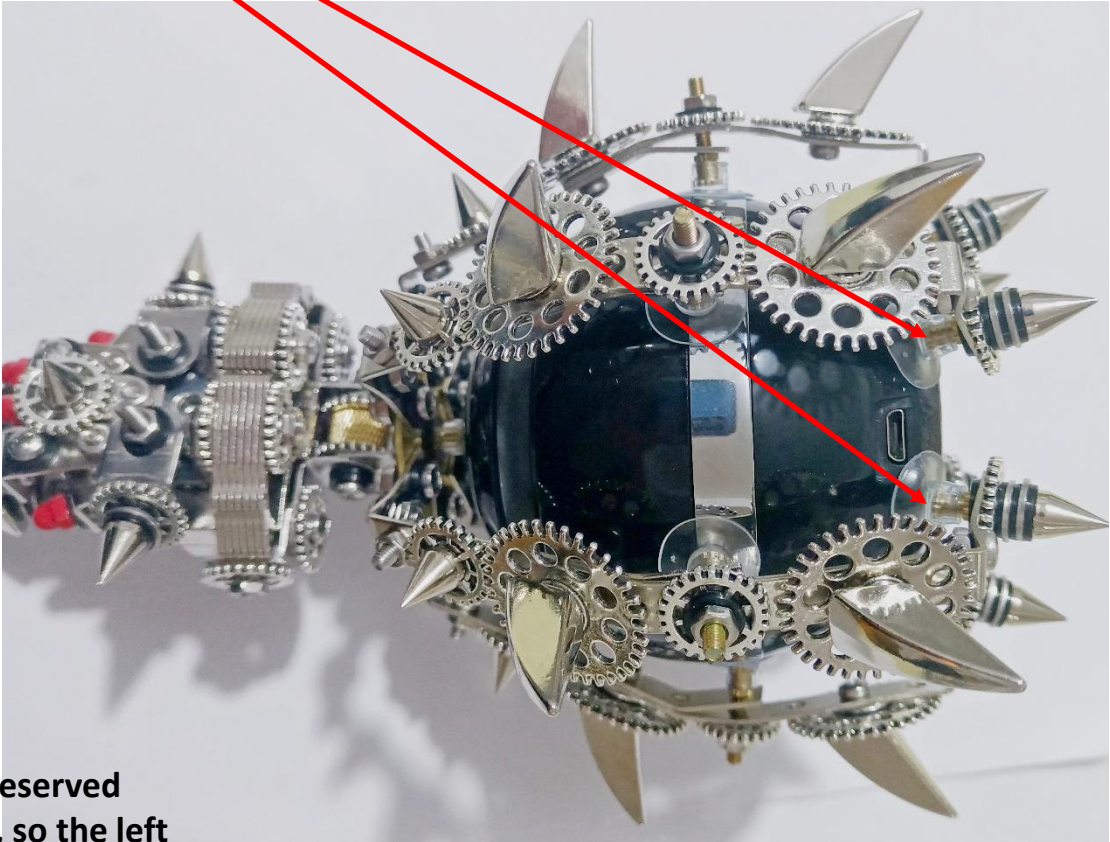
Universal
nut

M3 Gasket (Black)

Note: Tighten the nuts of the six fixed parts respectively, and pay attention to using symmetrical tightening method to further fix the sound



Note: Use pliers to constantly break the fixed parts and adjust them to make them as close to the sound as possible, especially the 19# sucker, close to the sound



Note: These two positions are reserved for the insertion of the last 23#, so the left and right sides should be symmetrical

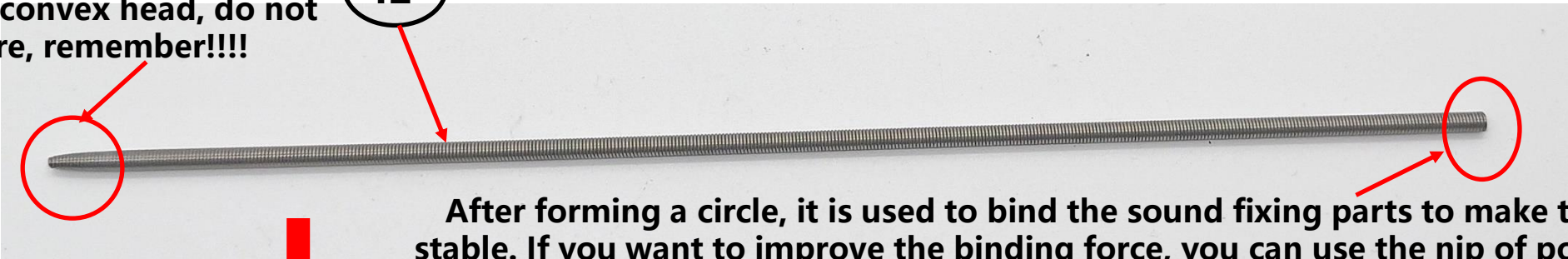
Note: Pay special attention to the position of the three fixed parts, evenly distributed



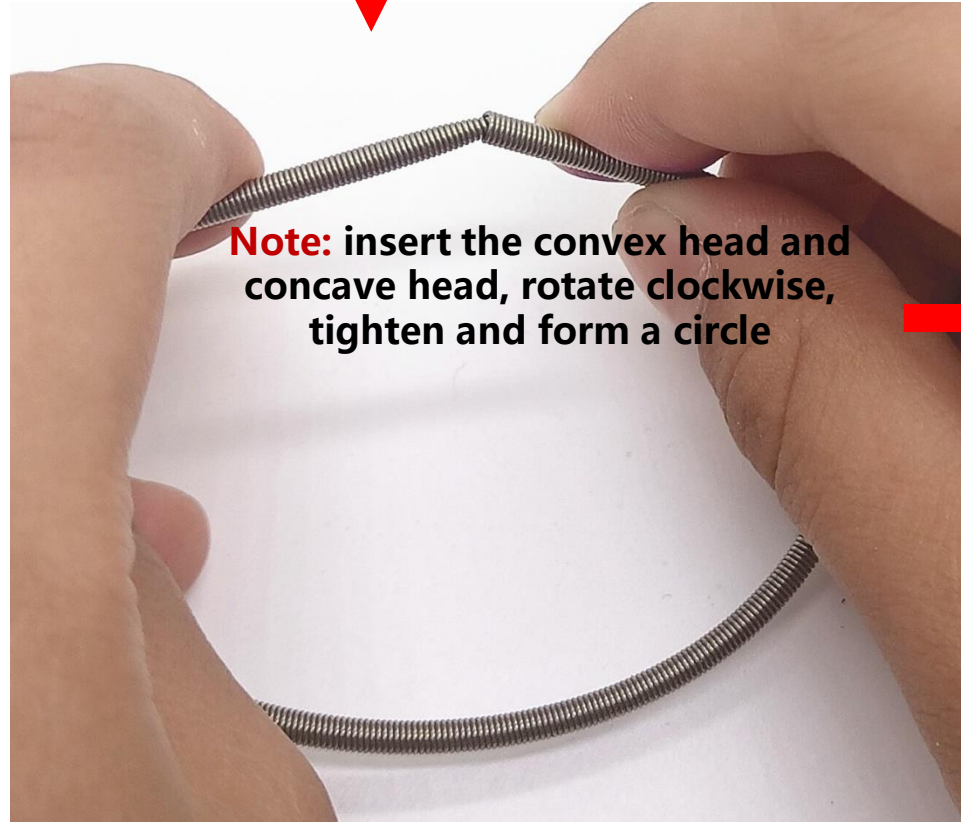
note: 42# convex head, do not cut here, remember!!!!

42

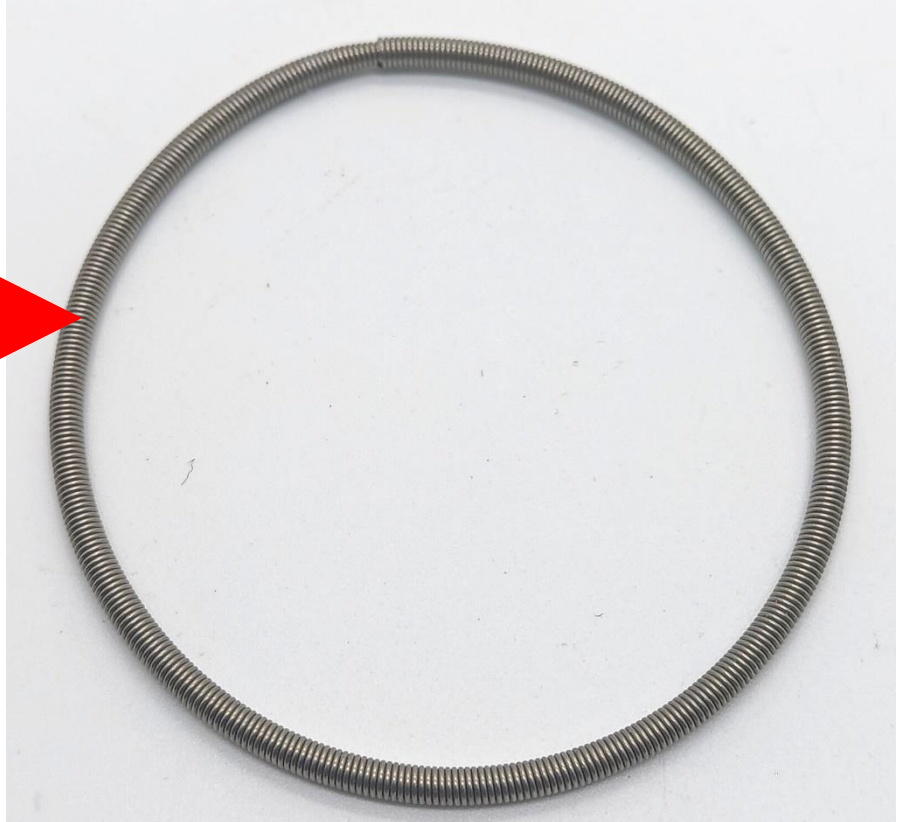
Note: 42# both ends are different. One end is convex and the other end is concave



After forming a circle, it is used to bind the sound fixing parts to make the sound more stable. If you want to improve the binding force, you can use the nip of pointed nose pliers to cut a part of one end of the 42# concave head and then screw it into a circle



Note: insert the convex head and concave head, rotate clockwise, tighten and form a circle



Fixed sound

Note: put the 42# ring in the position shown in the figure and fasten the sound. If the binding force is not enough, cut the 42# concave end short and repeat the test

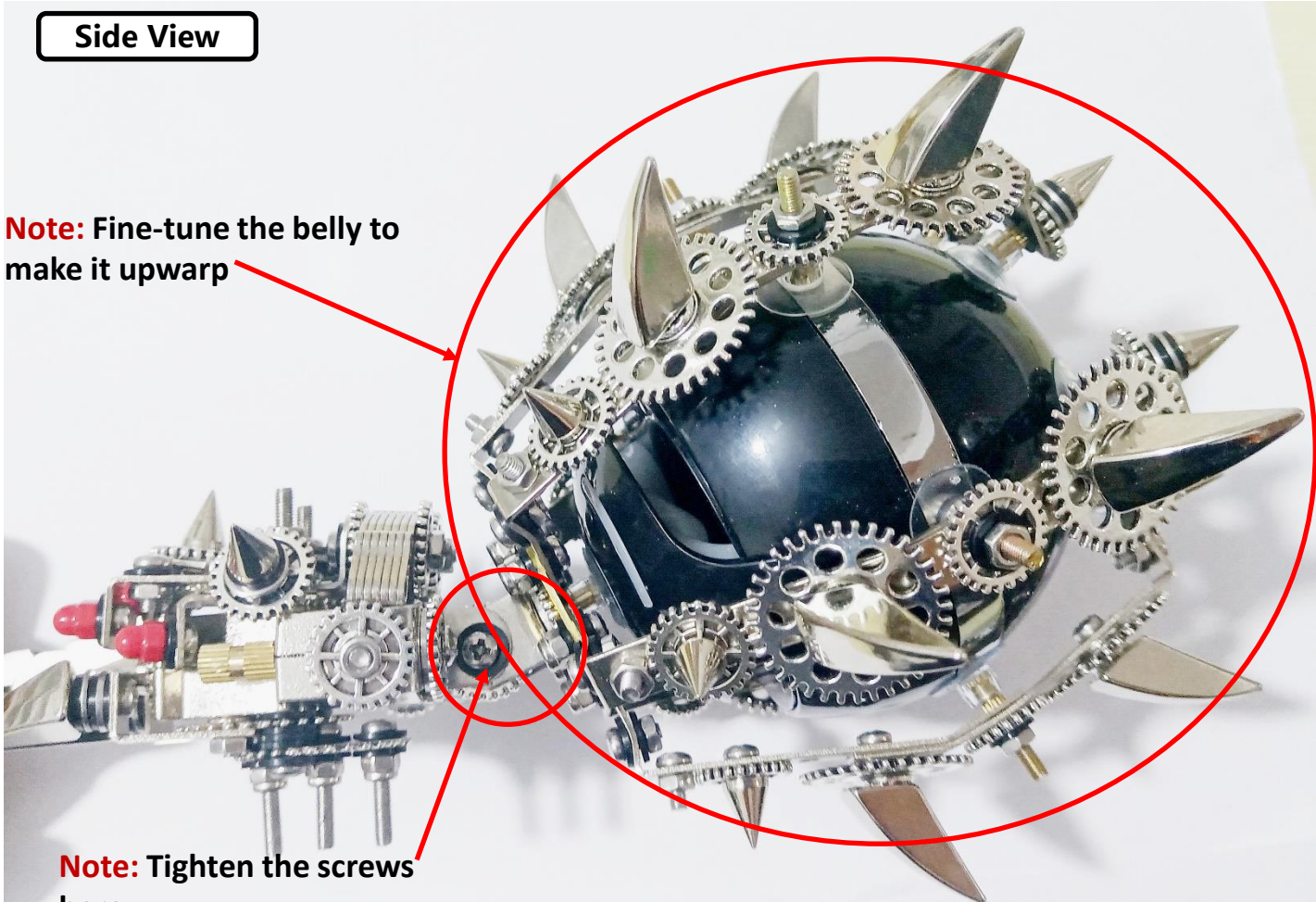


匠拼模型, 12.28.2023

Back View

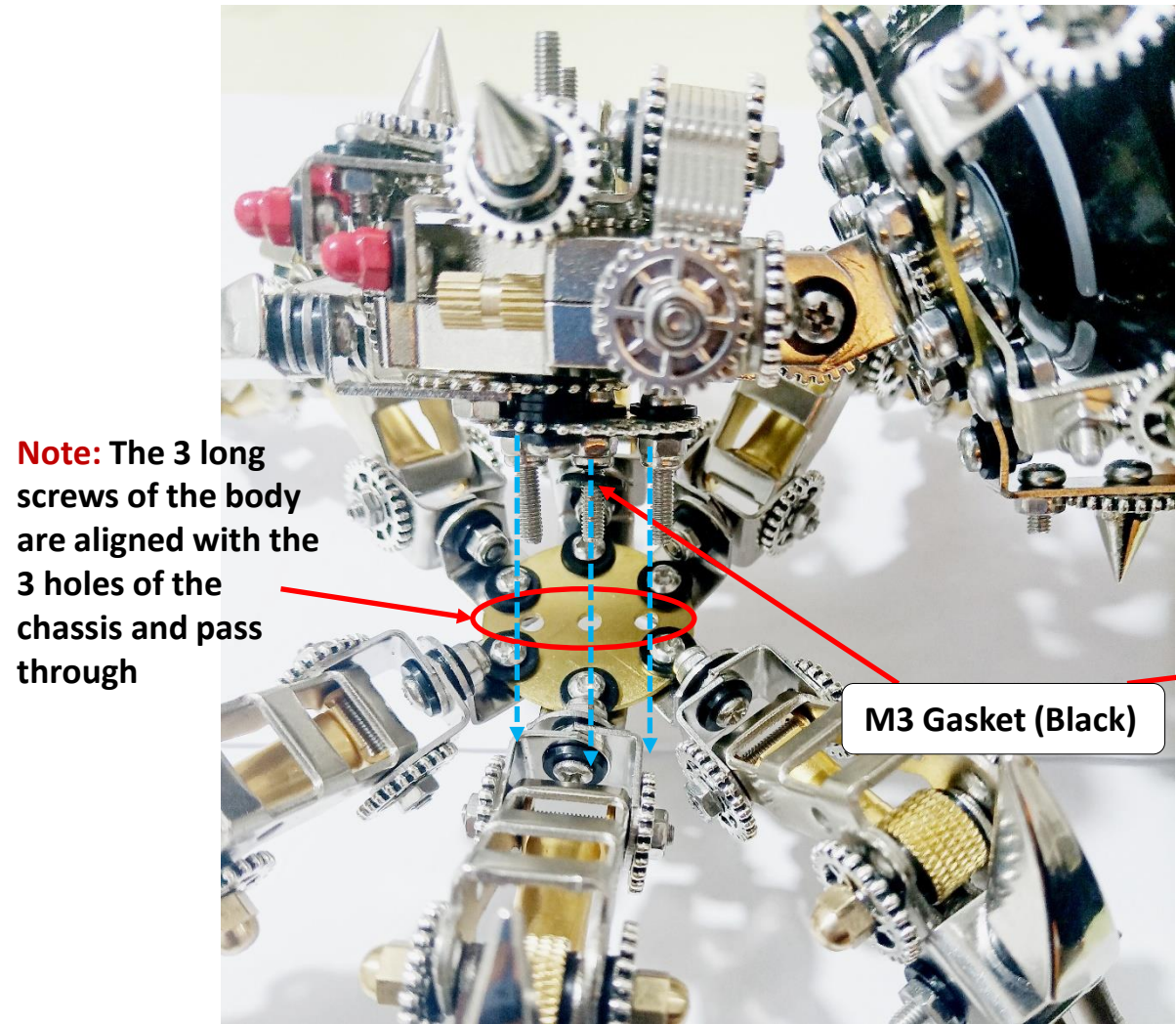


Side View

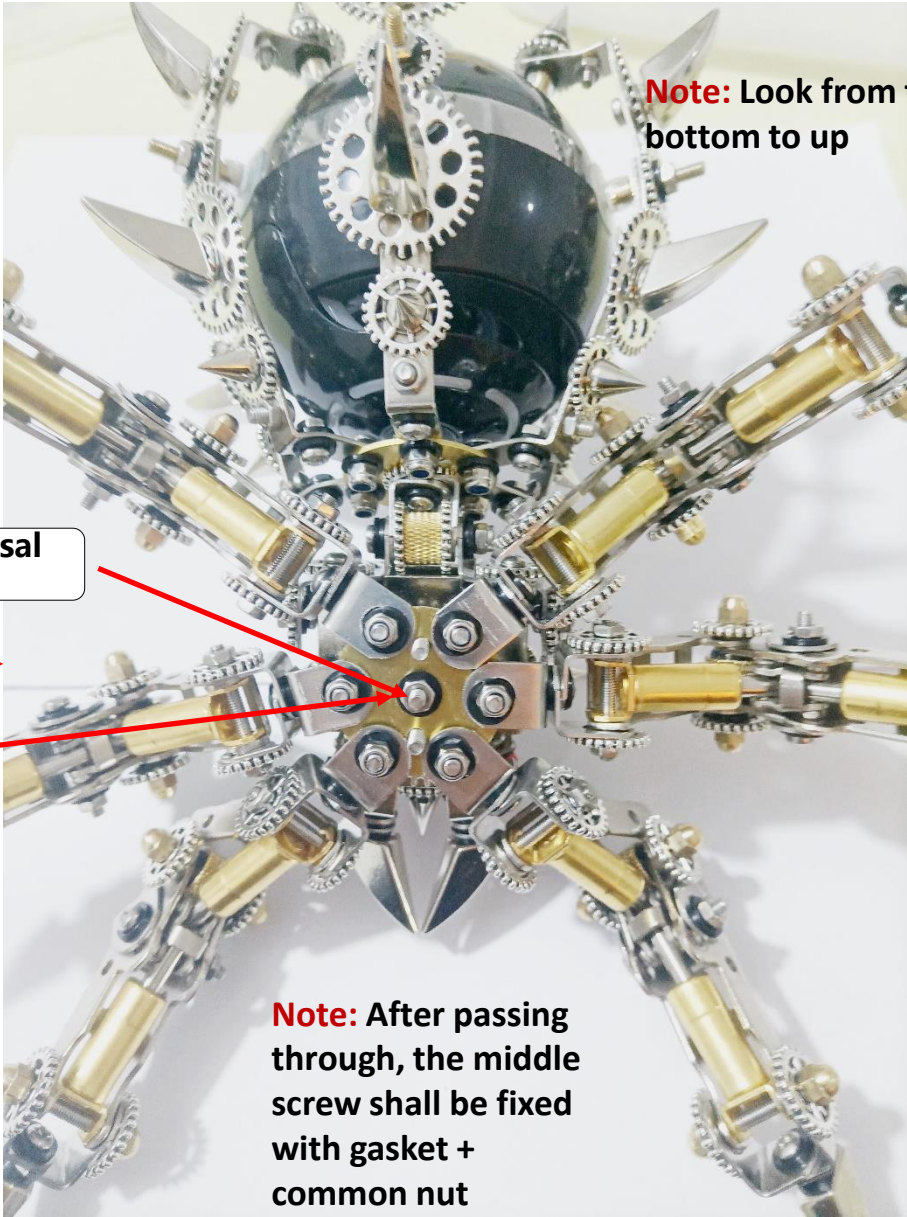


Congratulations, body part is finished
Next Part: 5. Integral





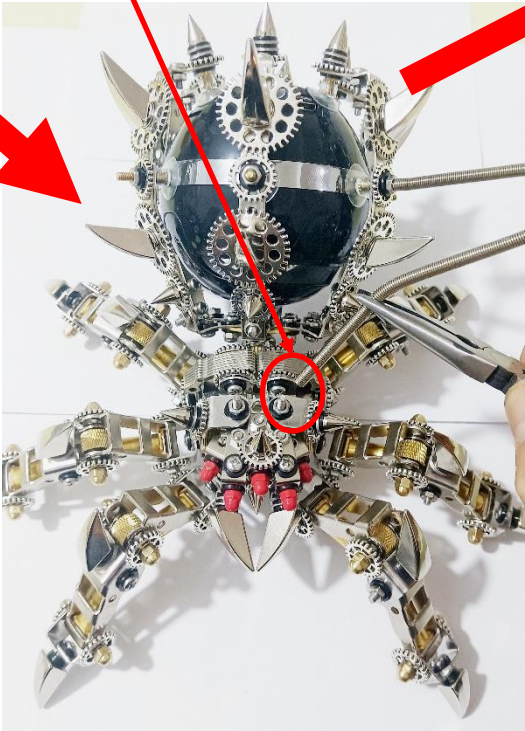
Universal nut





23

Note: Insert 23# in 2 positions



Congratulations, the Spider is assembled

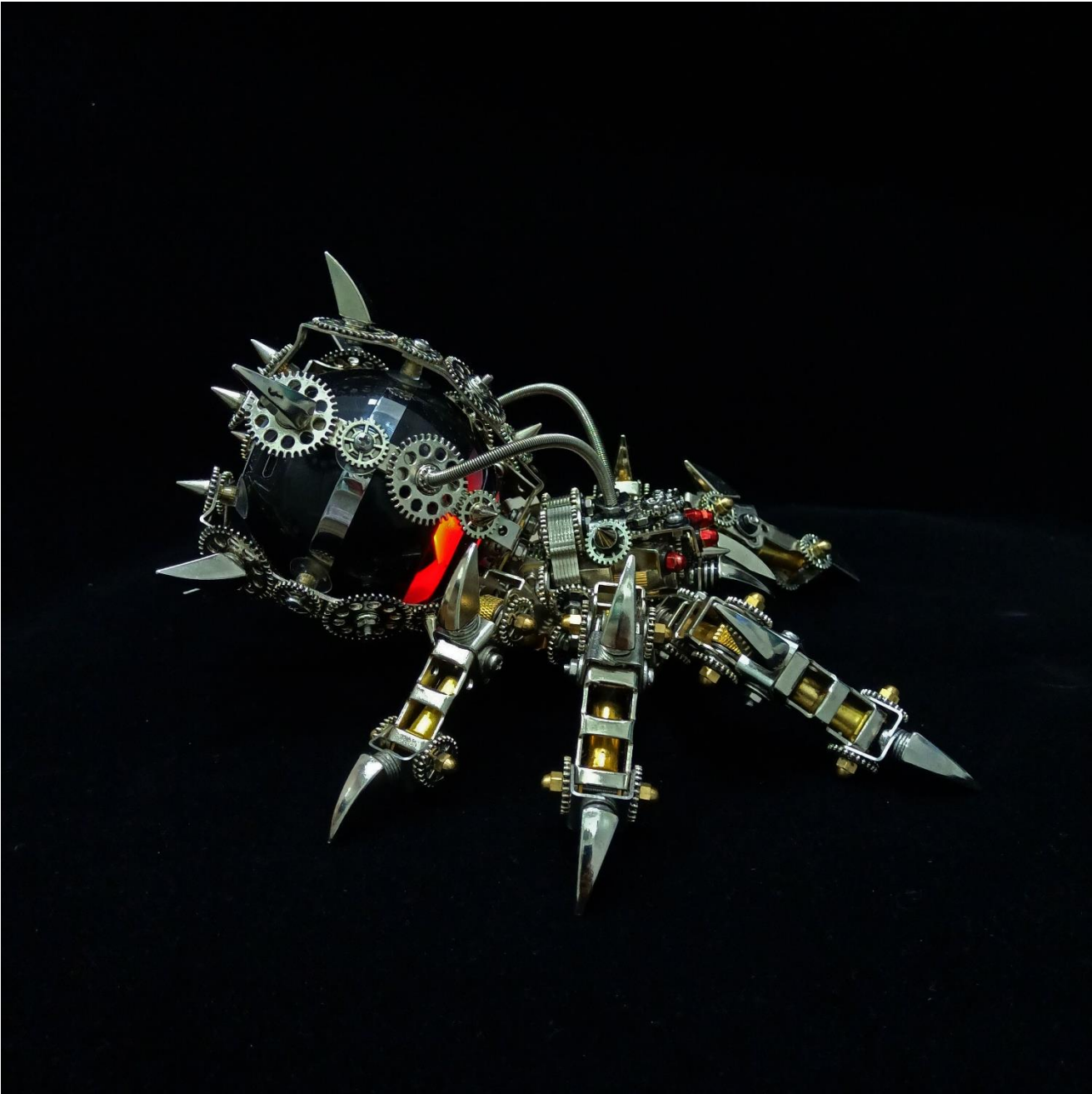
Note: Fine-tune the leg shape according to the actual picture











Congratulations, the Spider is assembled.

Have a good time!