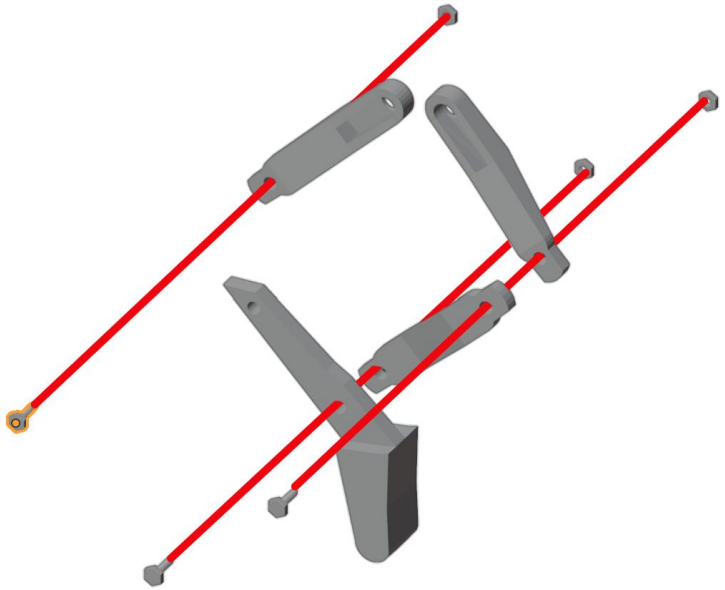
1. leg assembly

2 X Leg type A

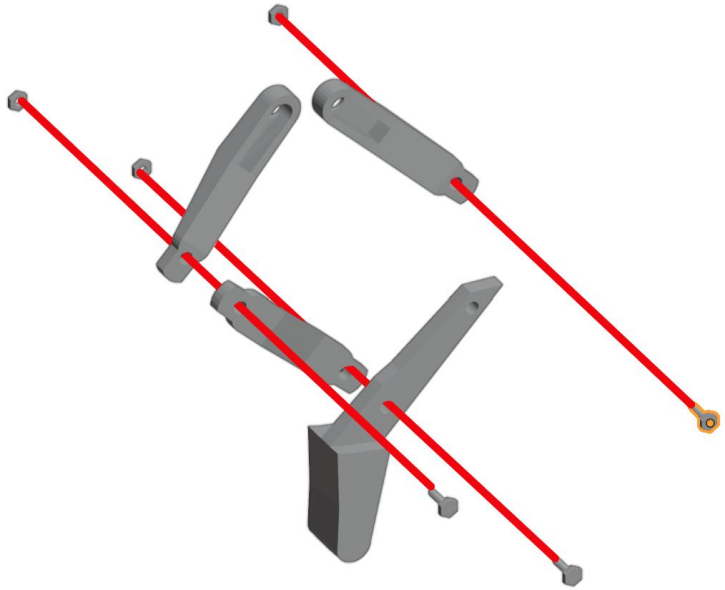
3 X M3 Self locking bolt



3 X M3 * 1.5

2 X Leg type B

3 X M3 Self locking bolt

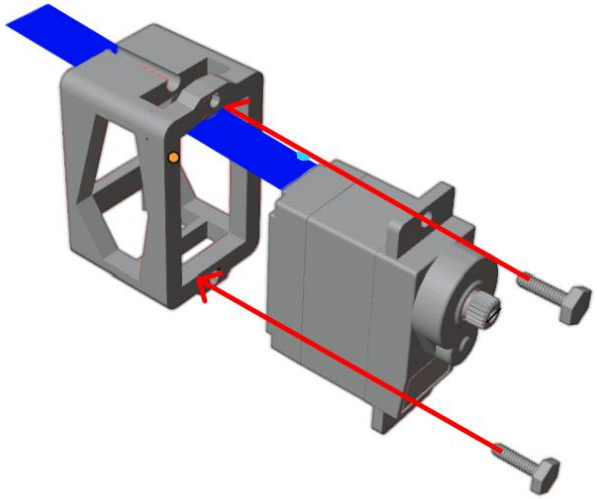


3 X M3 * 1.5

1. leg assembly

4 X Body Servo Container

The blue wire is for the servo

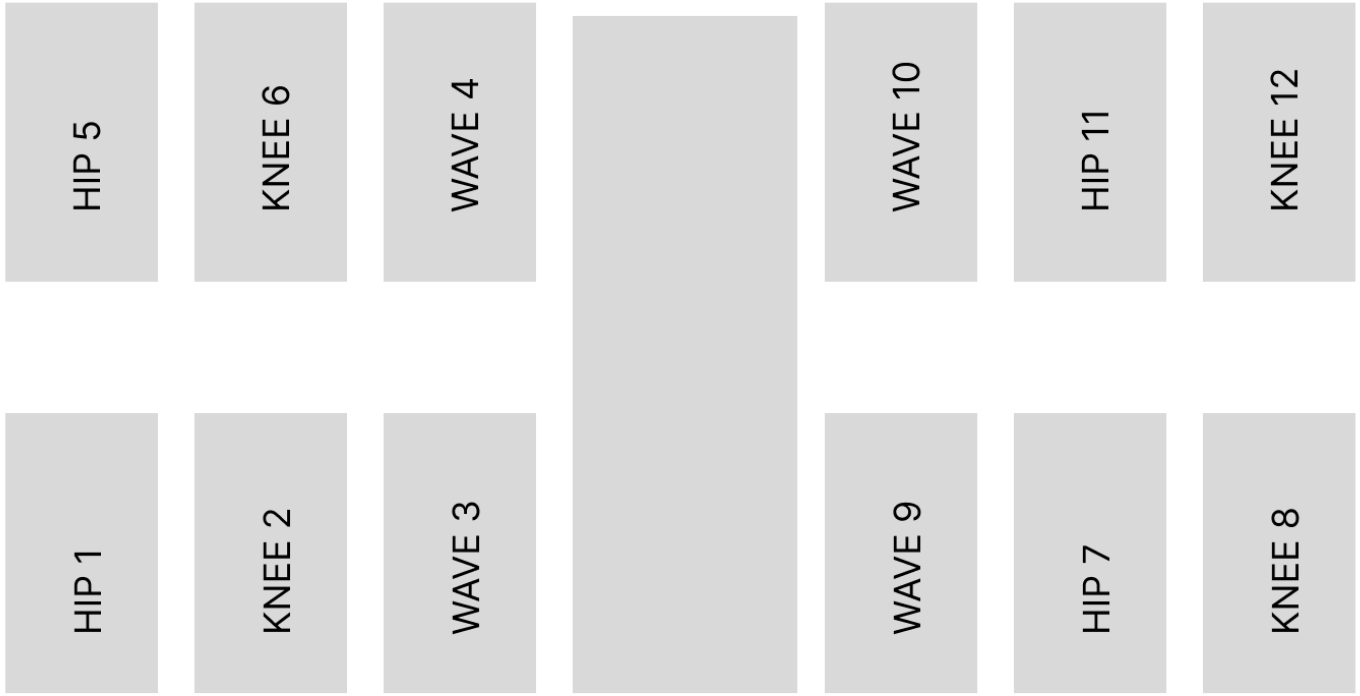


Num: 9, 10, 3, 4

2 X M2 * 5mm

2. Servo test

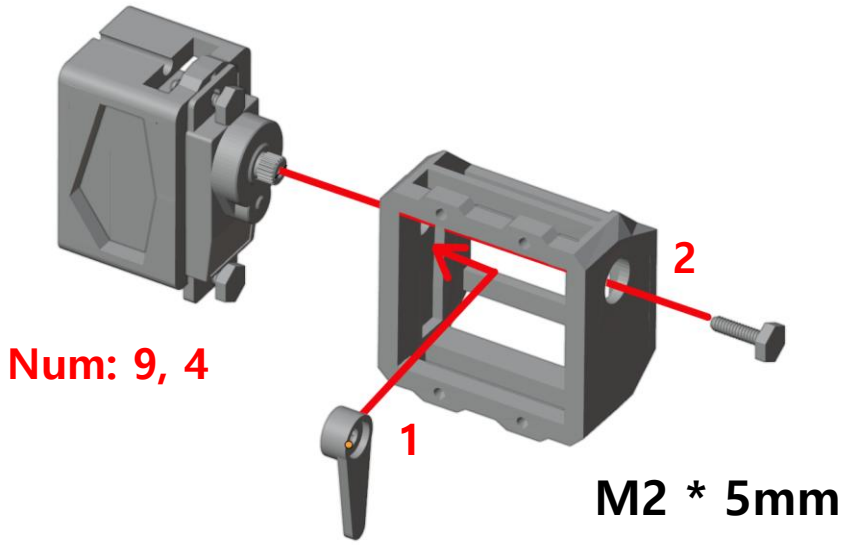
Next, connect another motor and press Enter again to save it as ID 2.
Repeat this process up to ID 12.



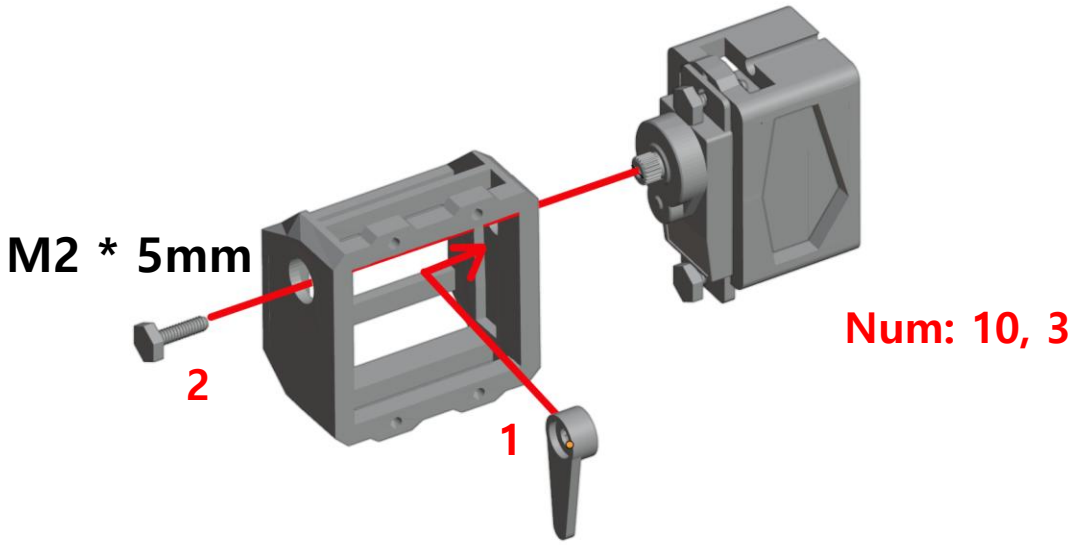
Please assign the IDs to the servos matching the positions and numbers shown in this diagram. Otherwise, it will not function properly.

1. leg assembly

Servo Container type A



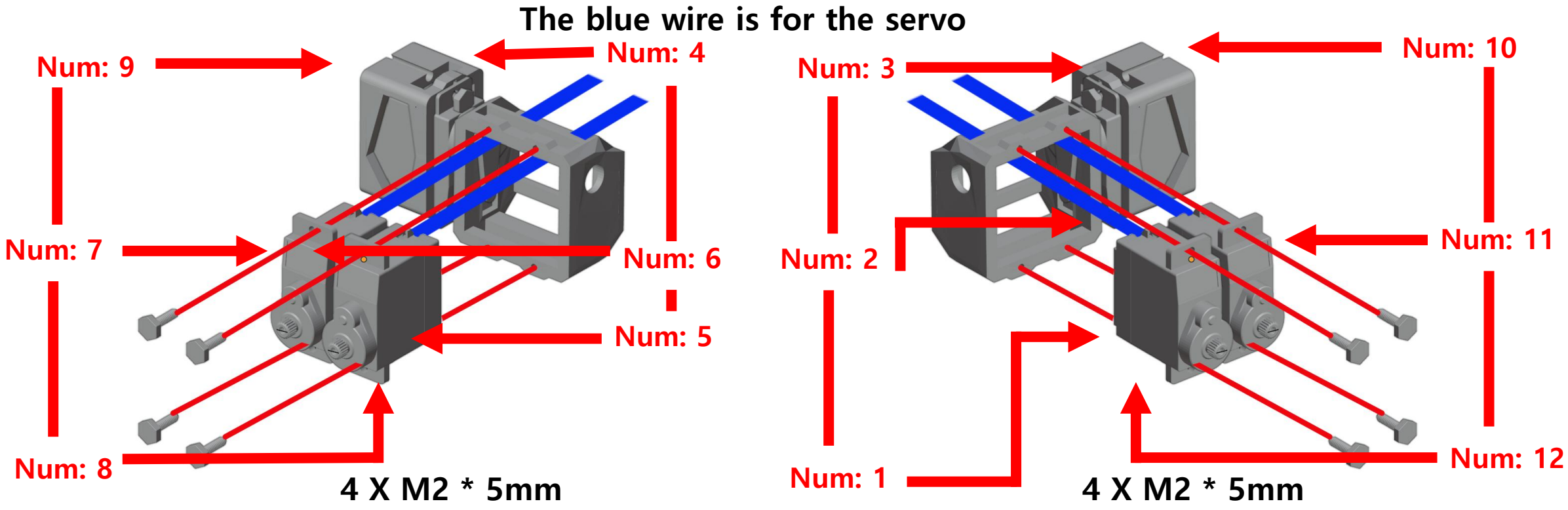
Servo Container type B



1. leg assembly

2 X Servo Container type A

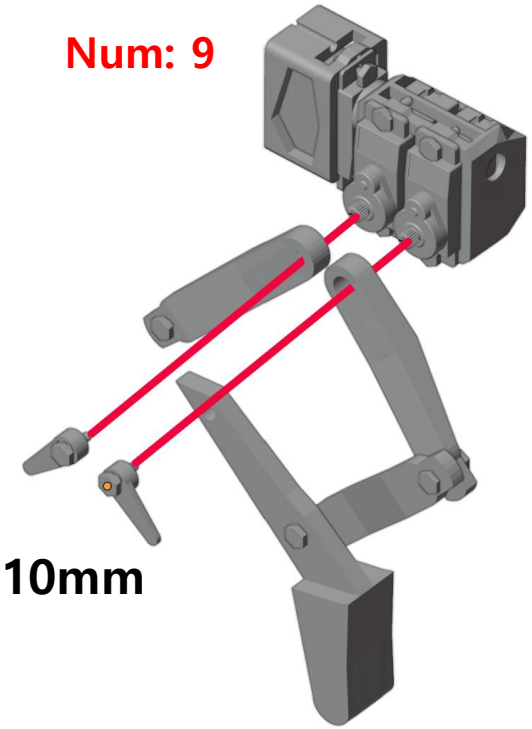
2 X Servo Container type B



1. leg assembly

Servo Container type A
+ Leg type A

Num: 9

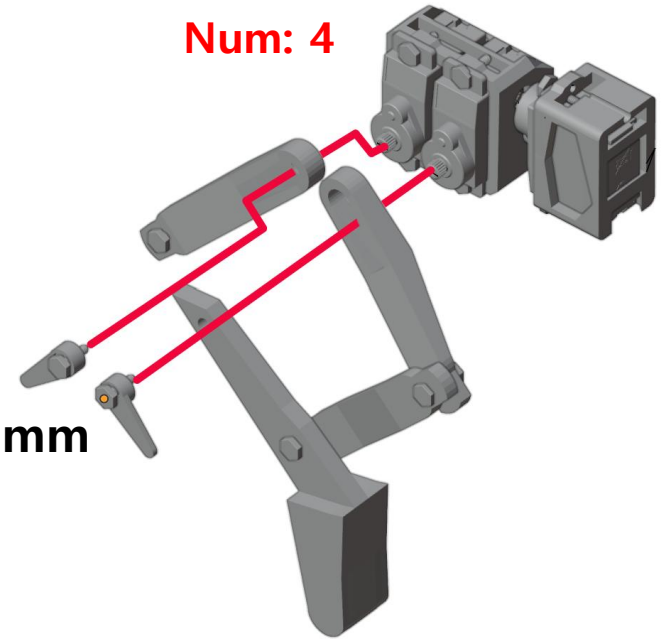


2 X M2 * 10mm

=> Leg 1

Servo Container type B
+ Leg type A

Num: 4



2 X M2 * 10mm

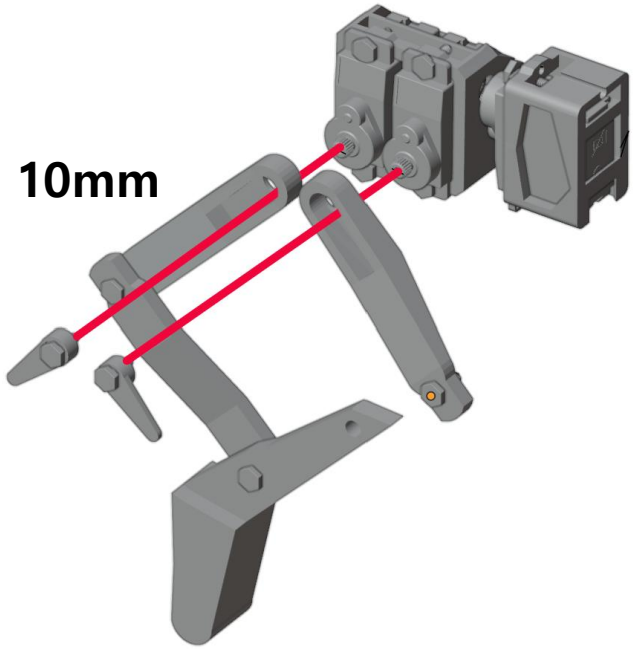
=> Leg 2

1. leg assembly

Servo Container type B
+ Leg type B

Num: 3

2 X M2 * 10mm

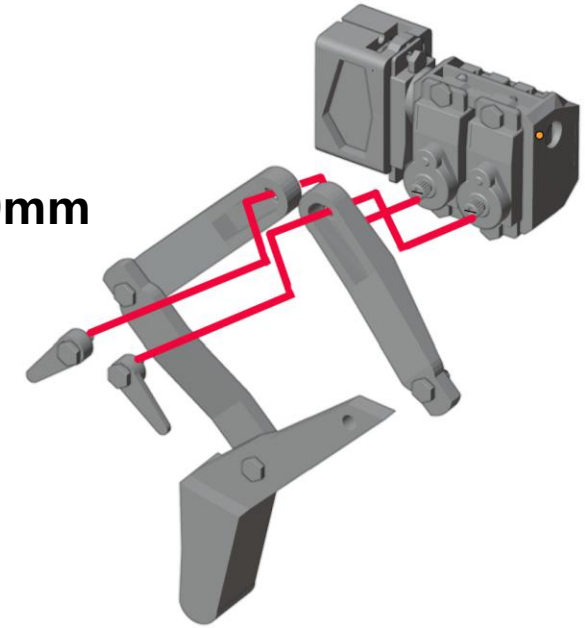


=> Leg 3

Servo Container type A
+ Leg type B

Num: 10

2 X M2 * 10mm

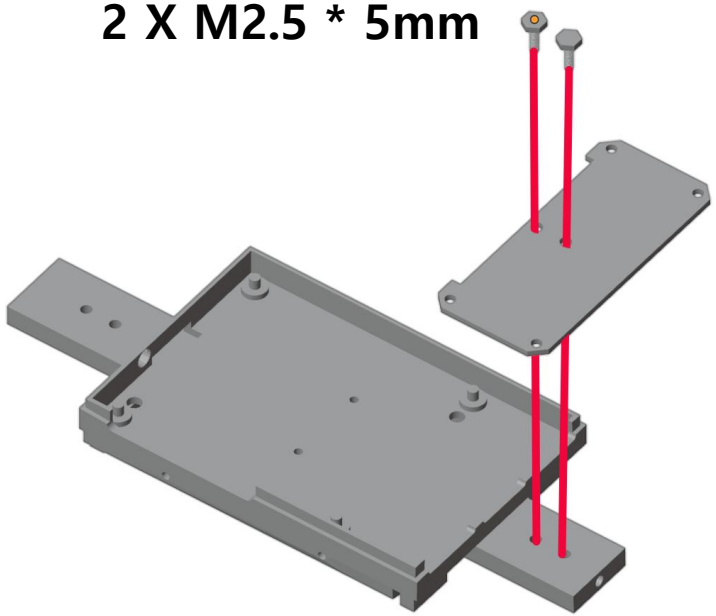


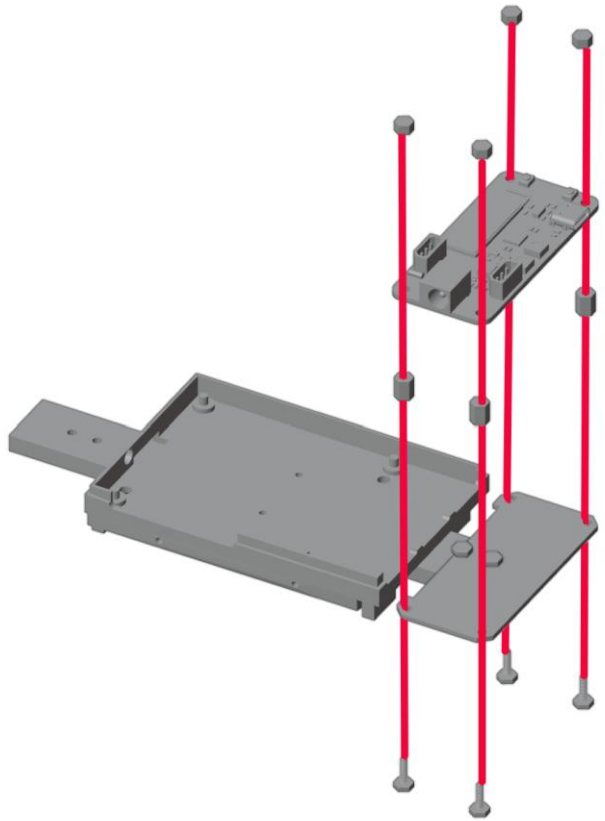
=> Leg 4

2. Body assembly

Combine ESP32 Servo Driver

2 X M2.5 * 5mm

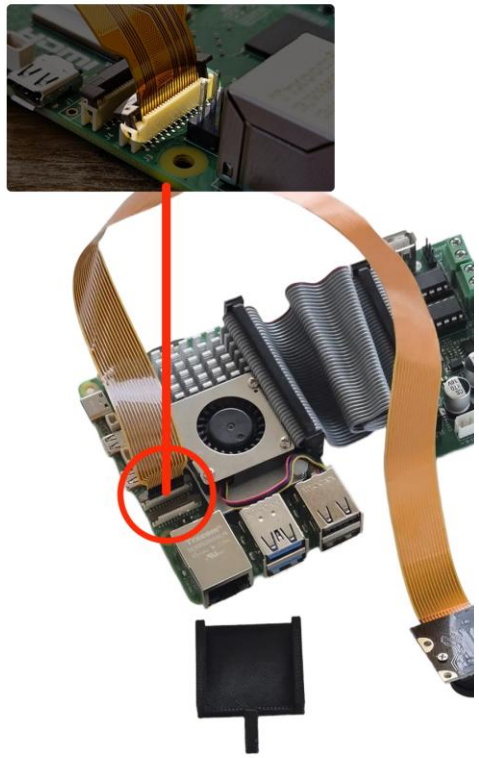




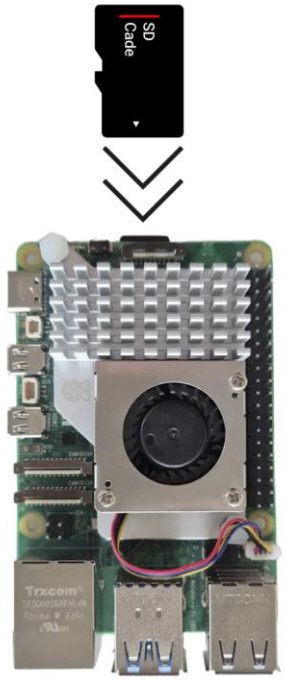
Use screw inside the driver box

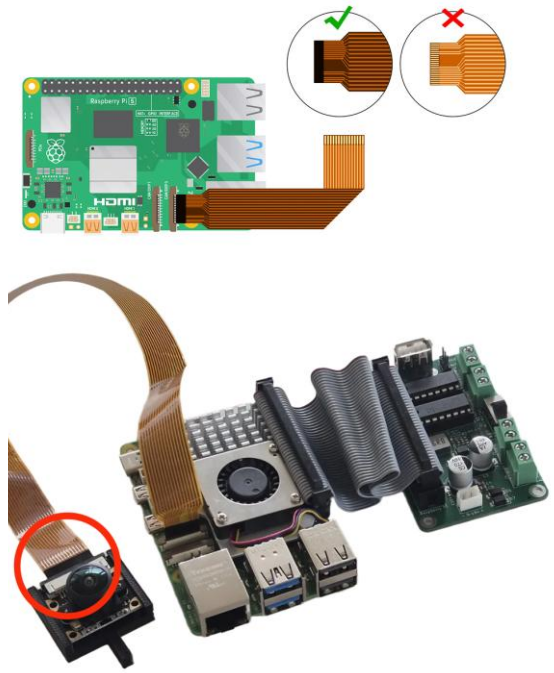
2. Body assembly

Raspberry pi



Insert SD Card the opposite way compared to the example image.

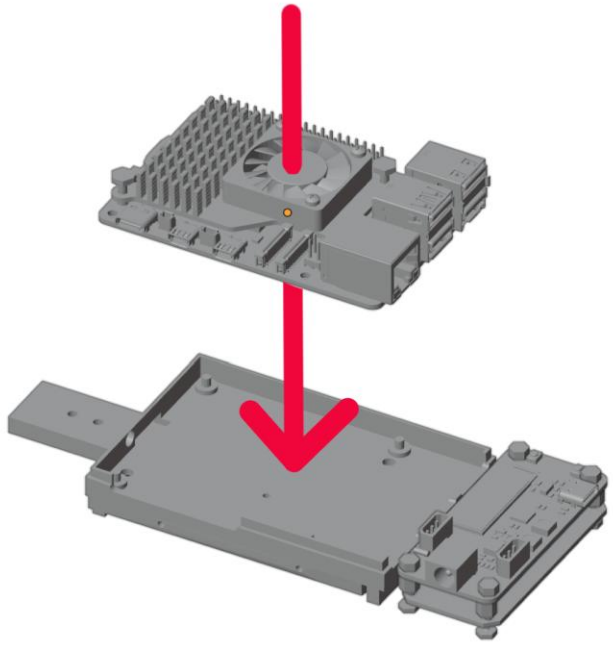


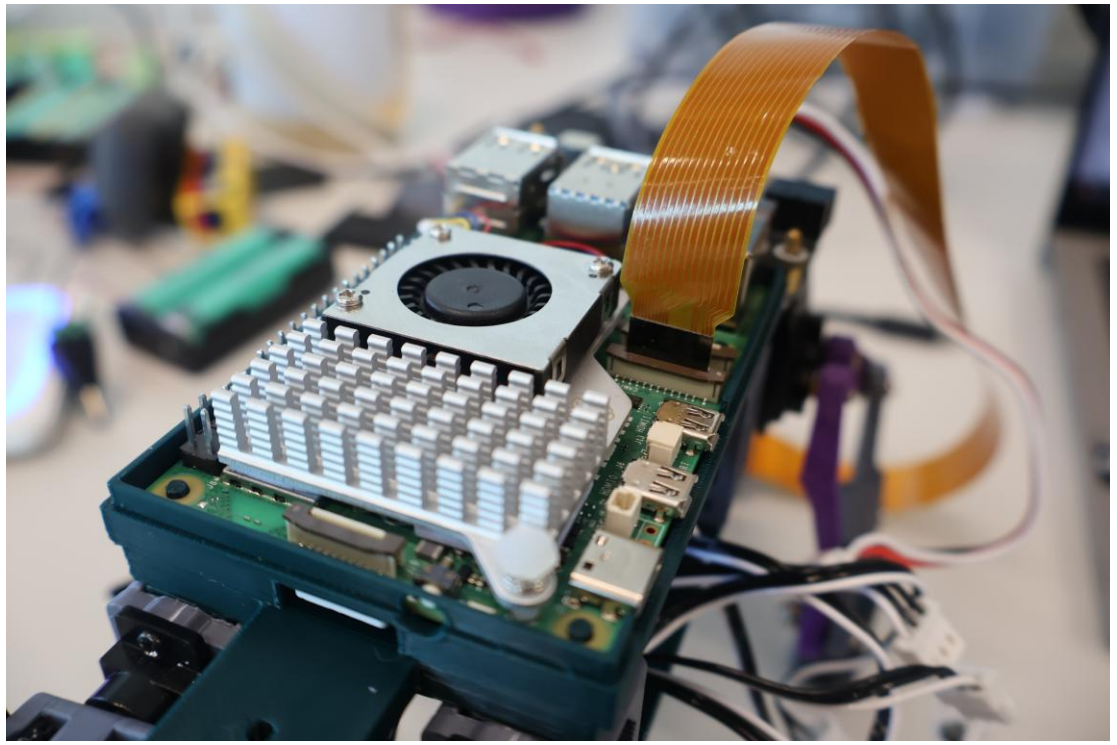


Make sure it is facing the right direction when you put it in

2. Body assembly

Raspberry pi

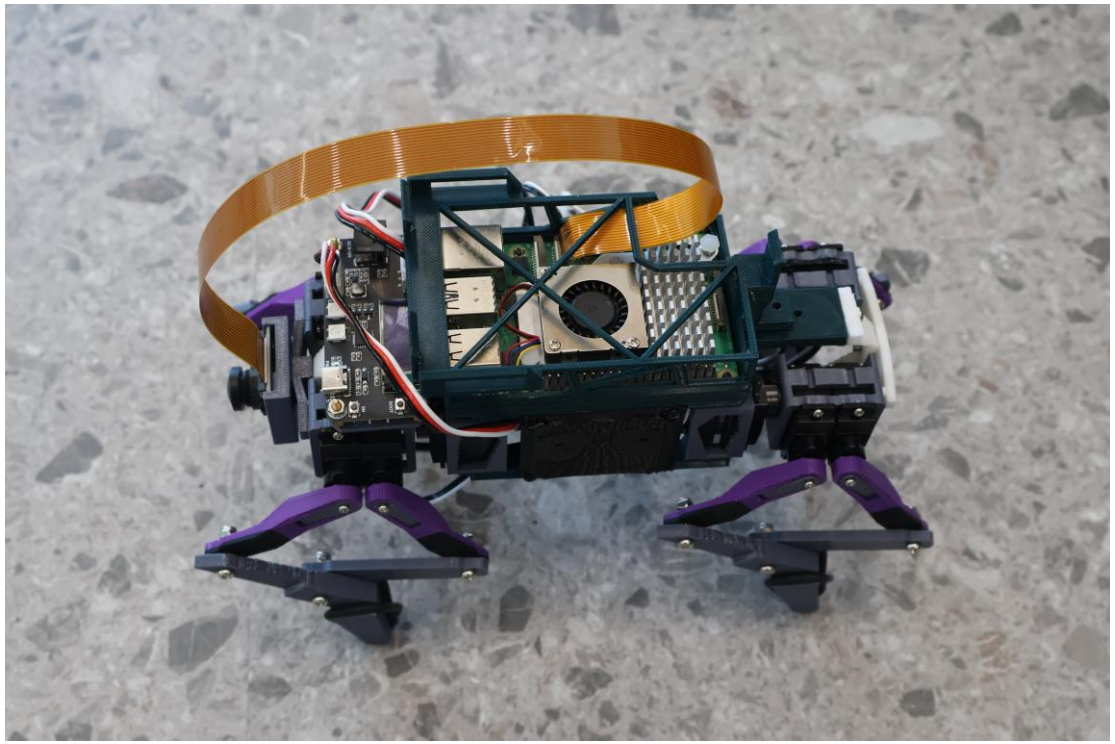




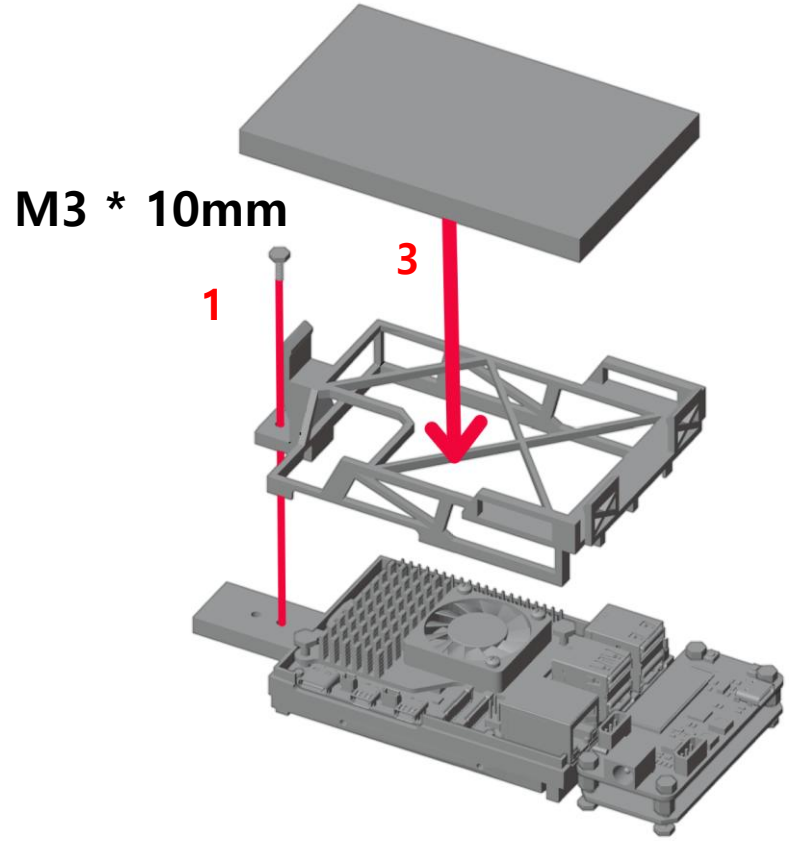
2. Body assembly

Raspberry pi

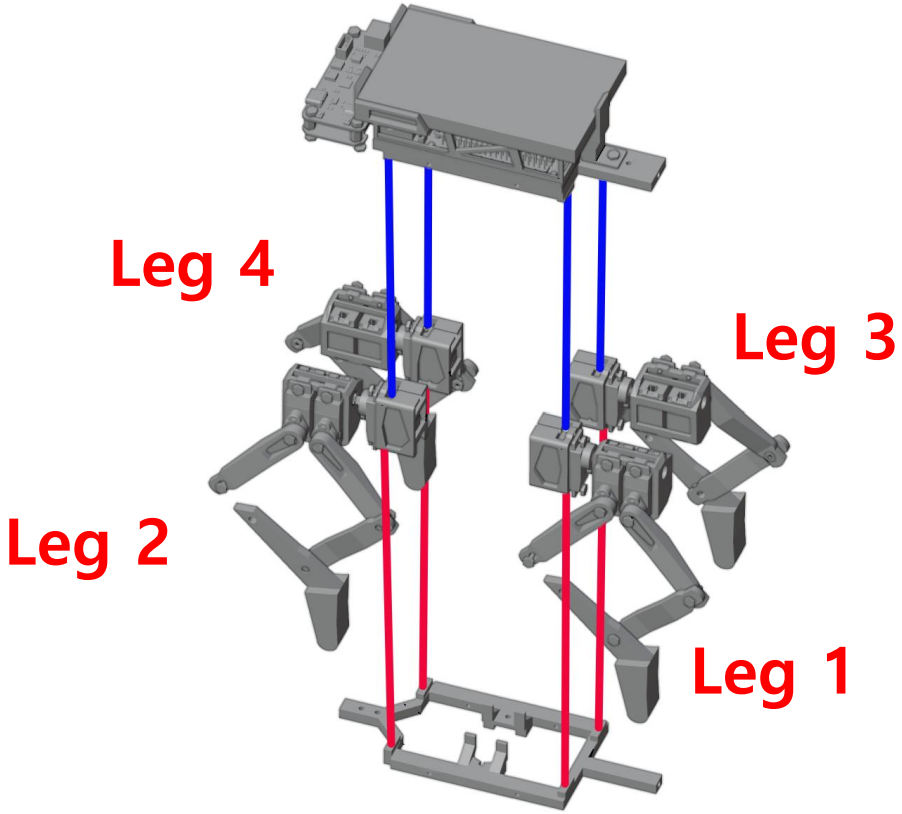
2

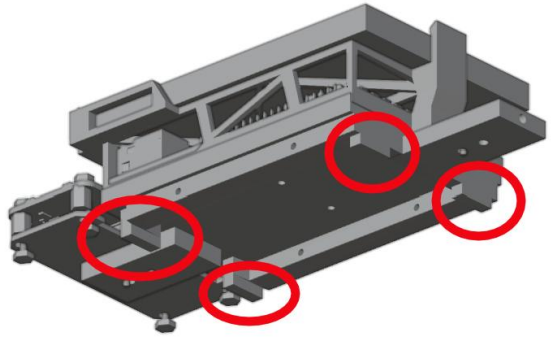


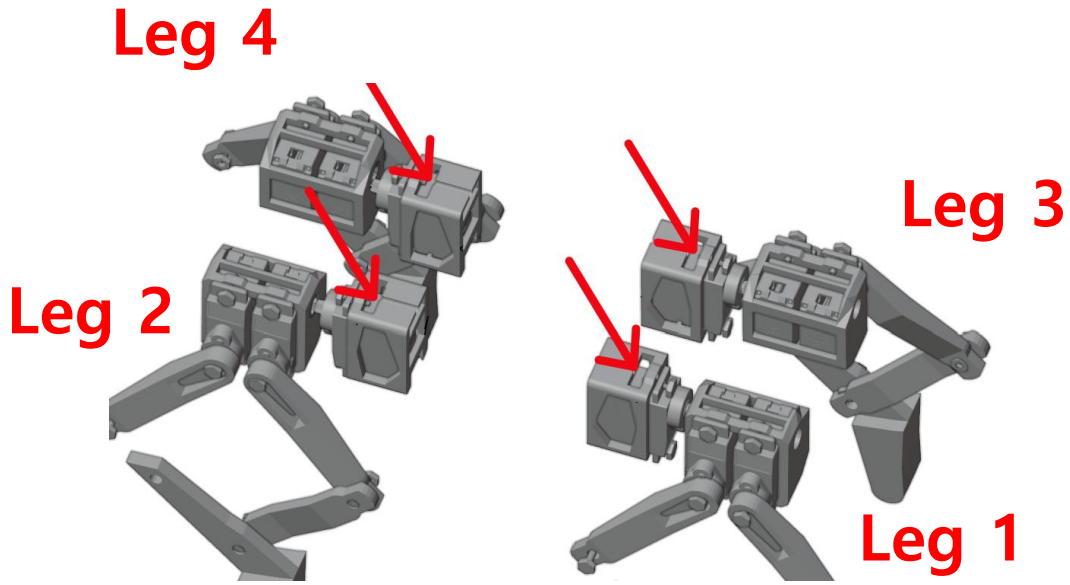
Battery



2. Body assembly

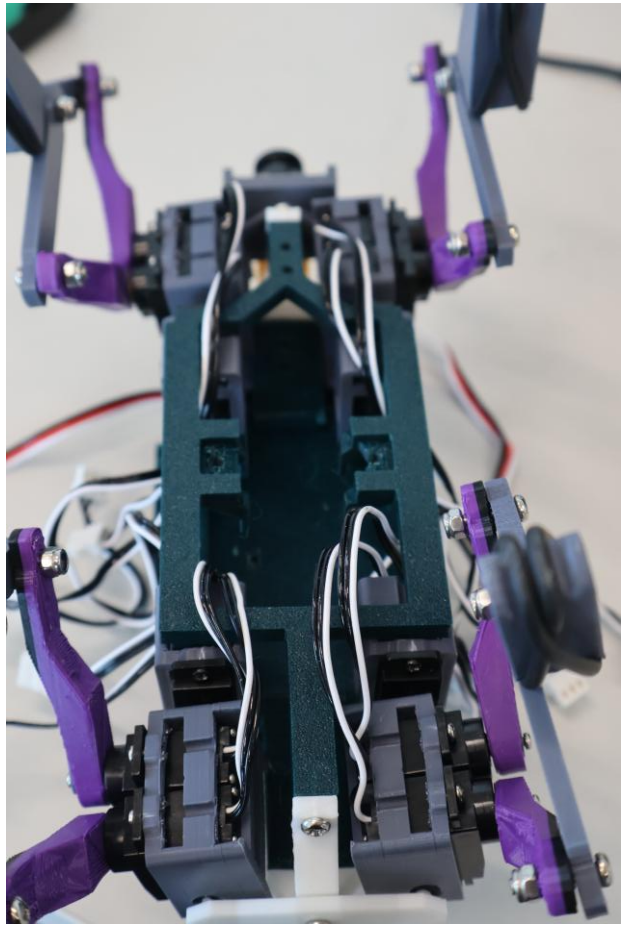


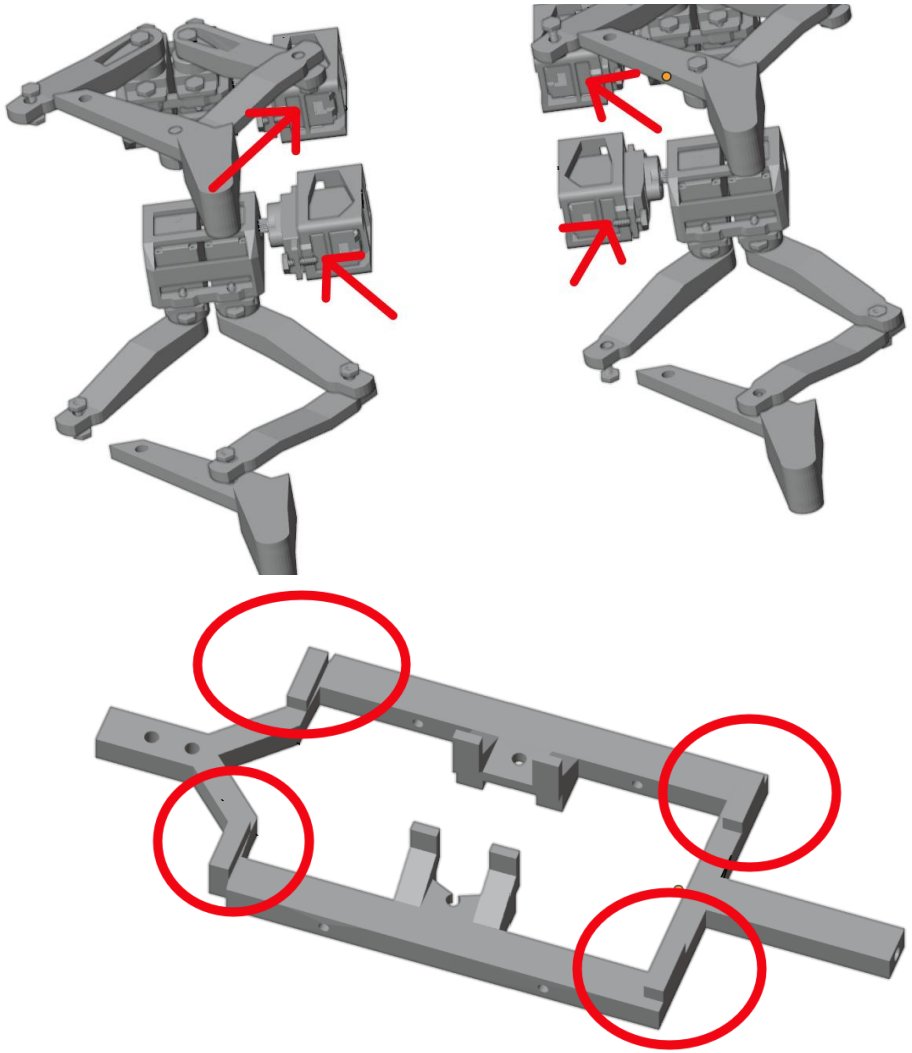




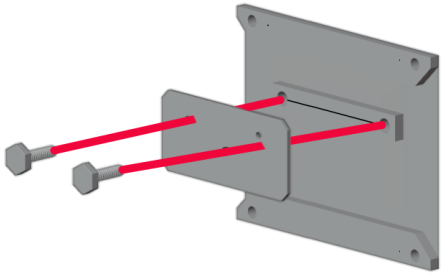
2. Body assembly

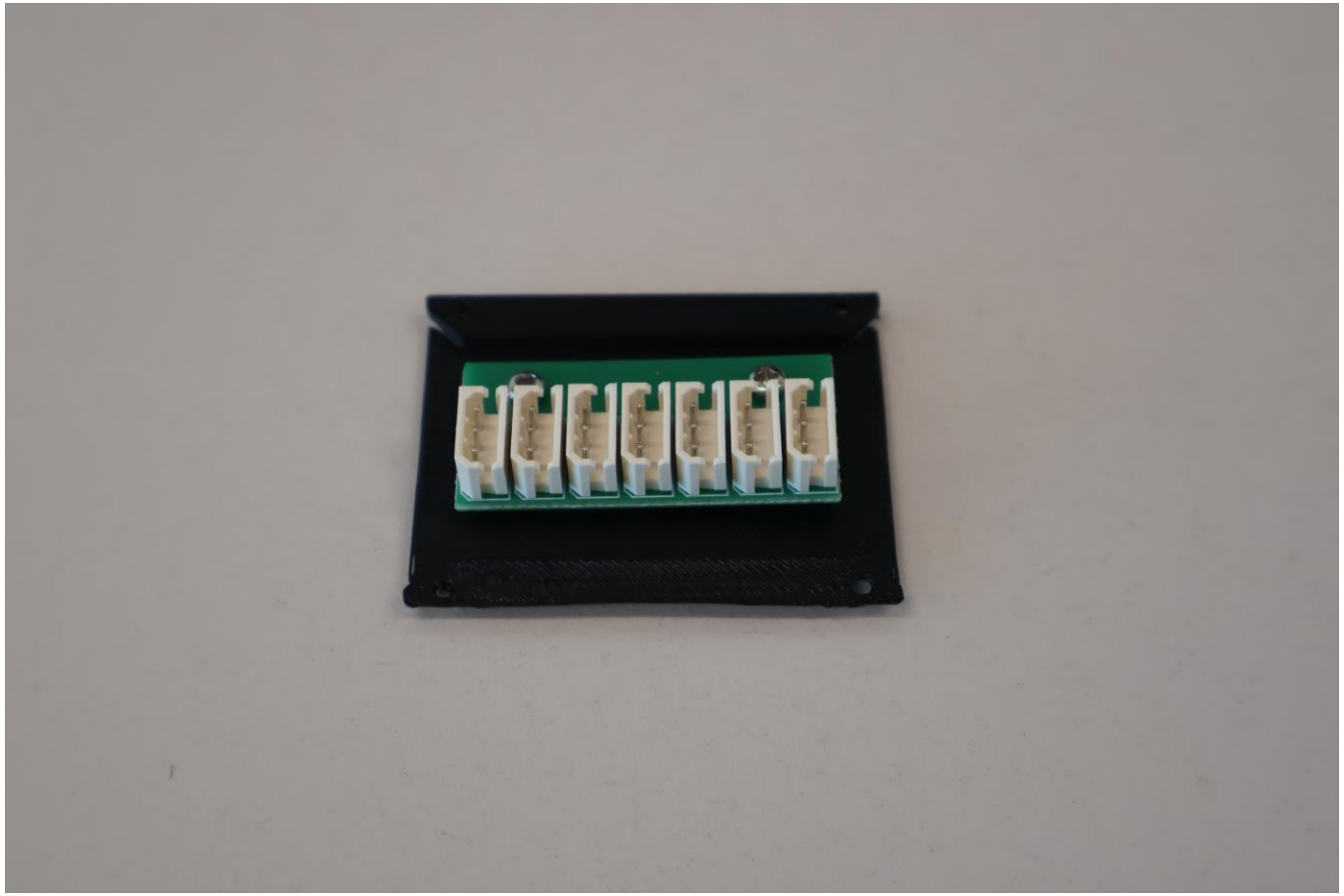
Servo Line have to be like this



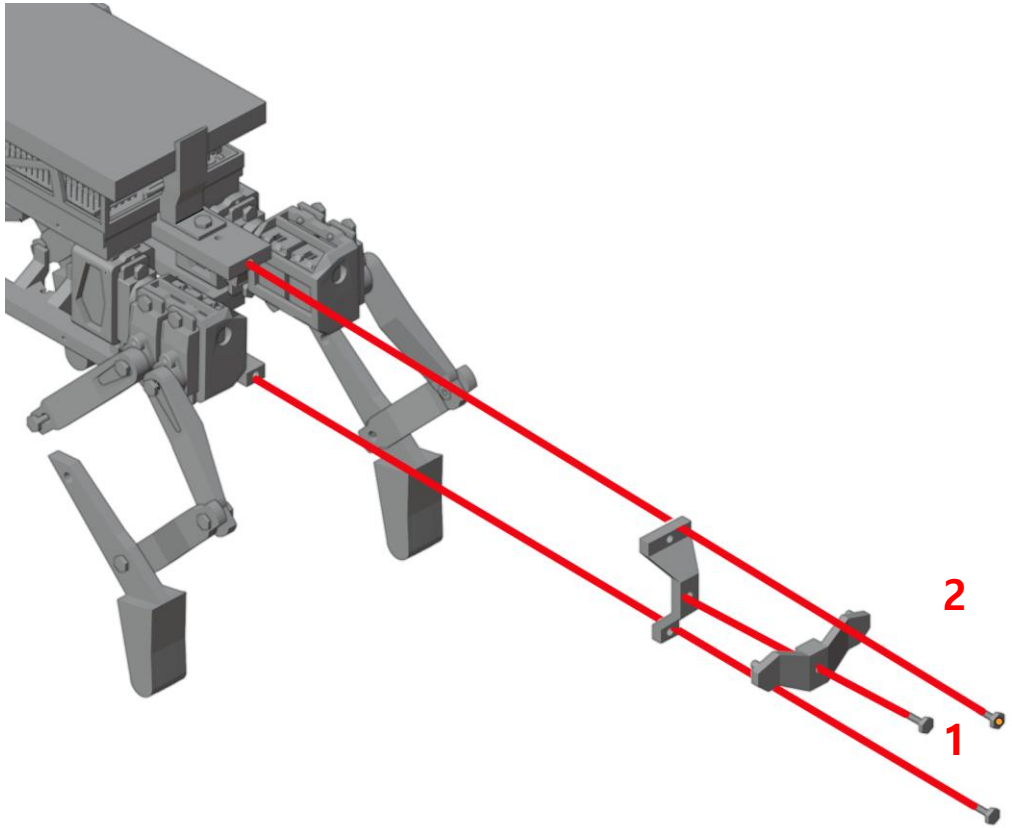


2. Body assembly

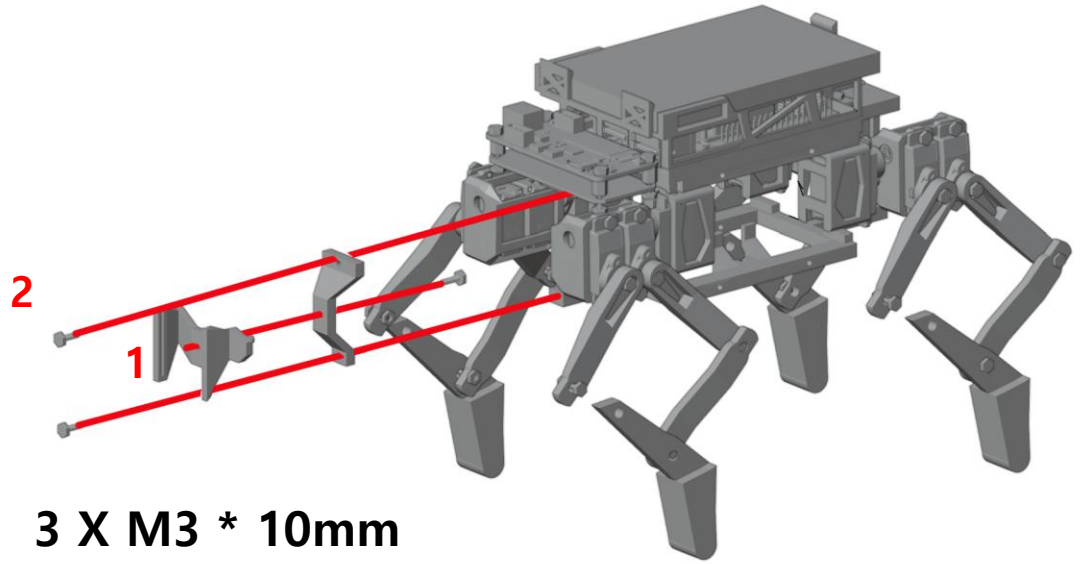




2. Body assembly

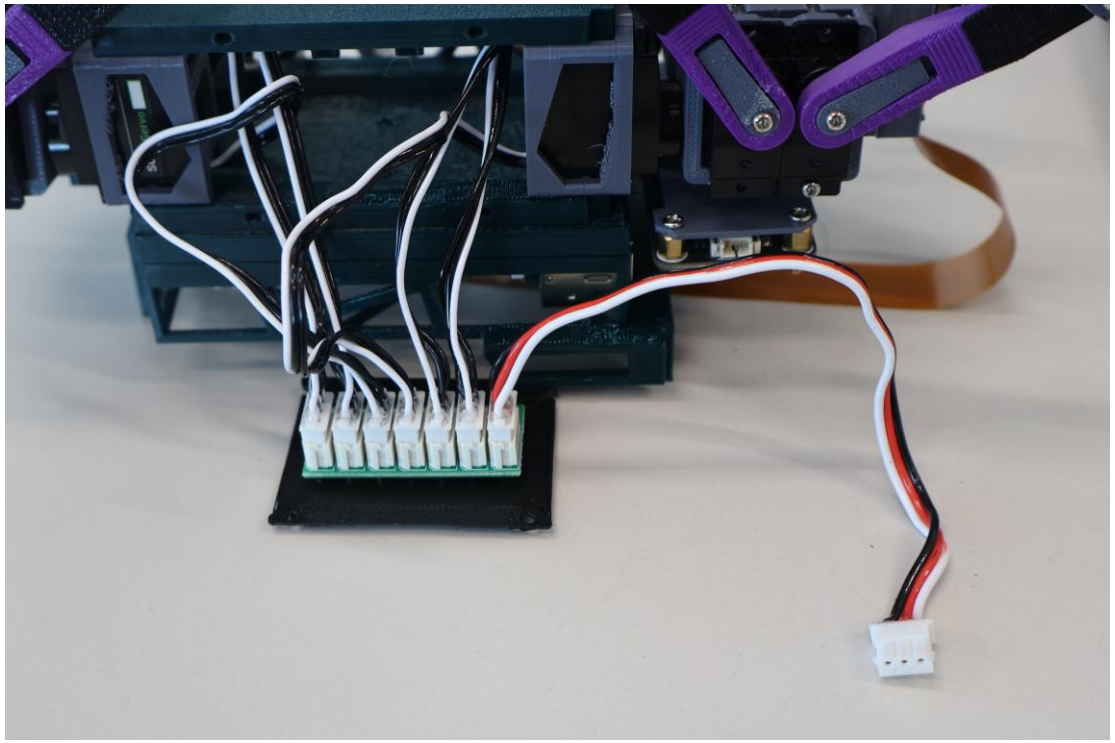


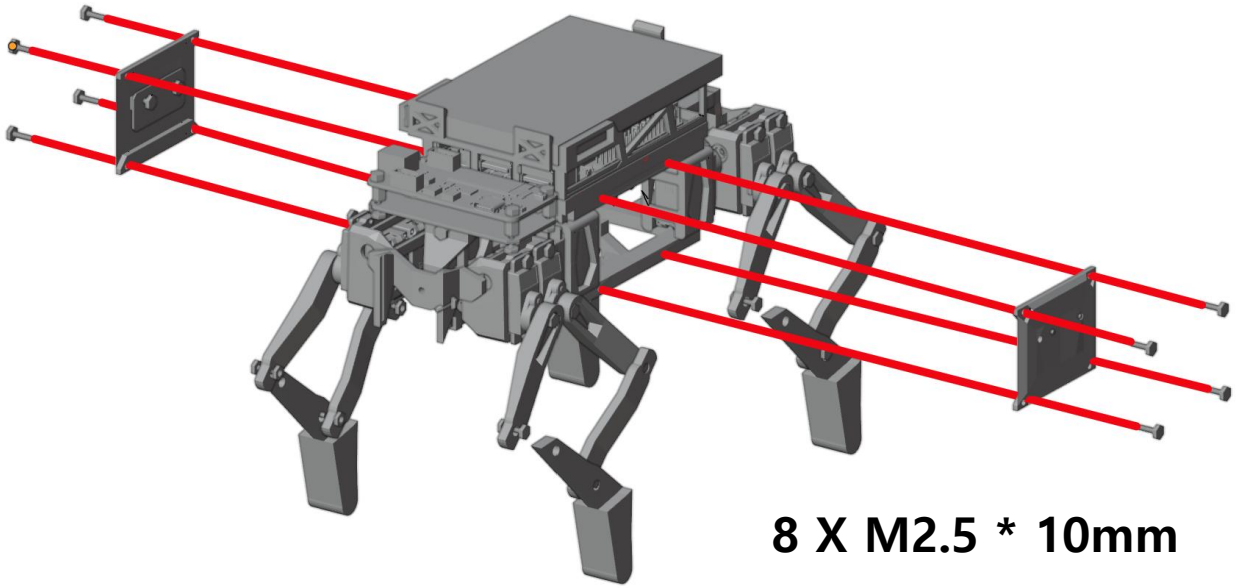
3 X M3 * 10mm



3 X M3 * 10mm

2. Body assembly

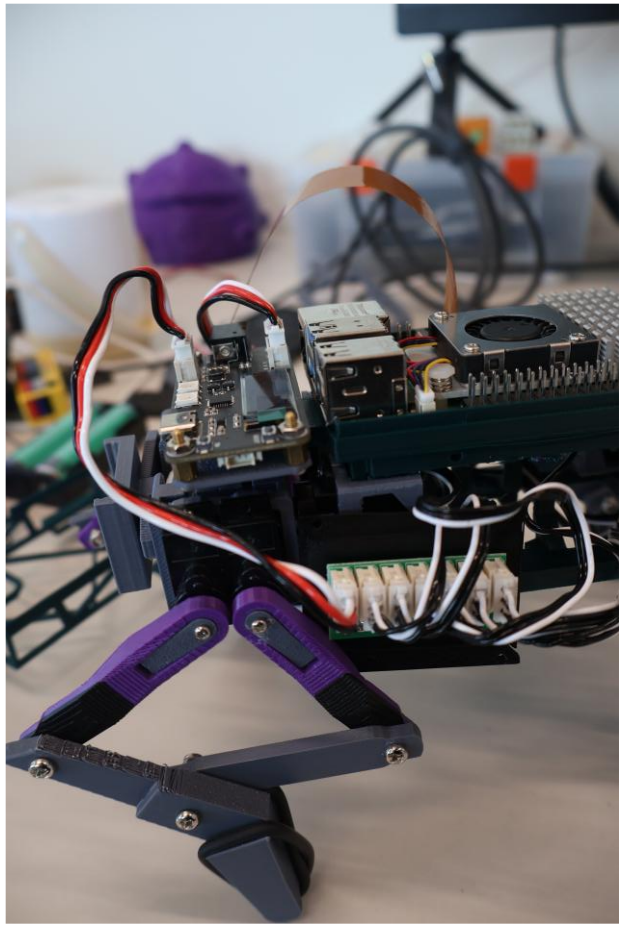




Connect jumper wires to the ESP32 side and servos to the rest of the wires.

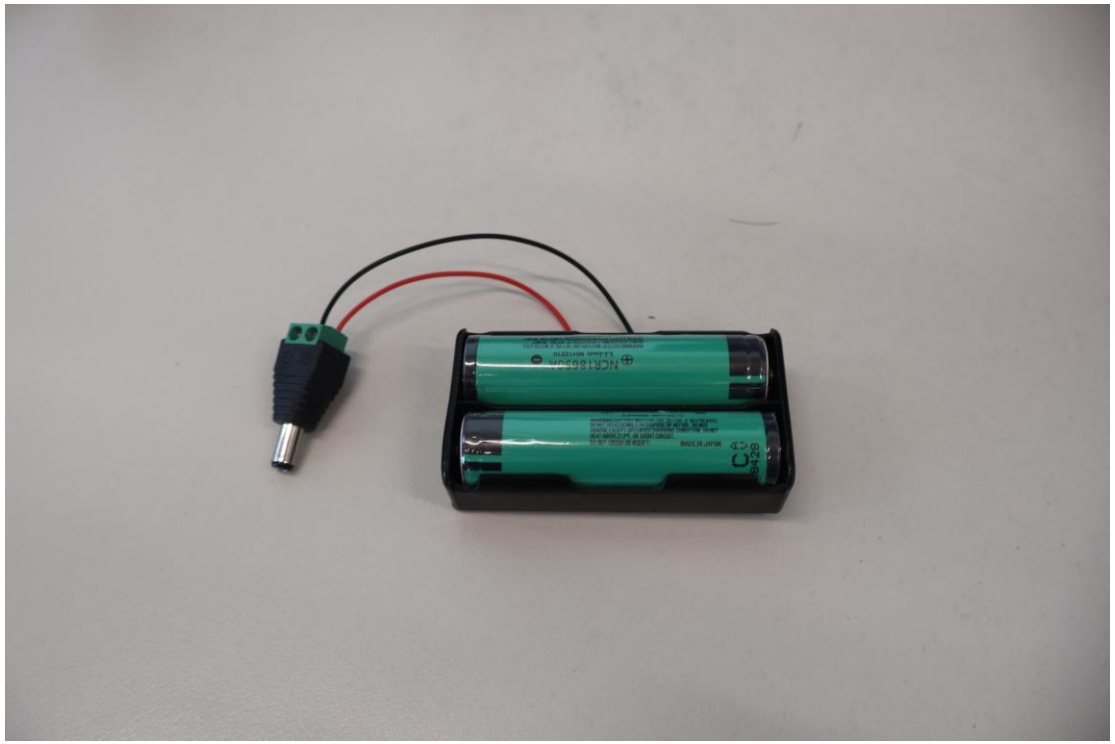
It doesn't matter which order you plug the servo pins in

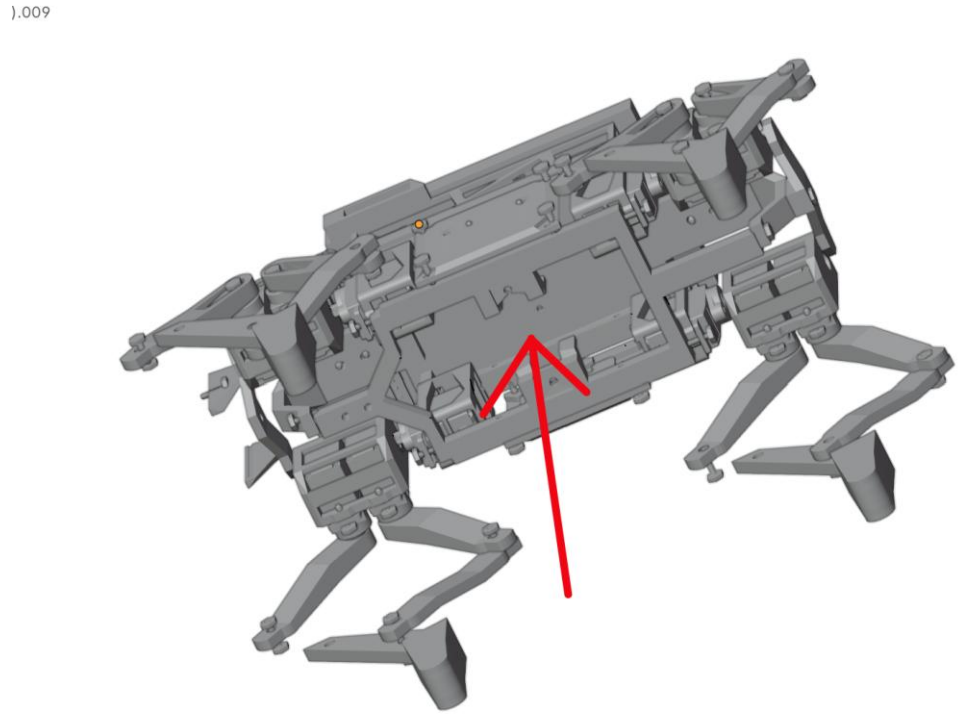
2. Body assembly



Next, connect the jumper wires to the ESP,
and repeat the same process for the other side.

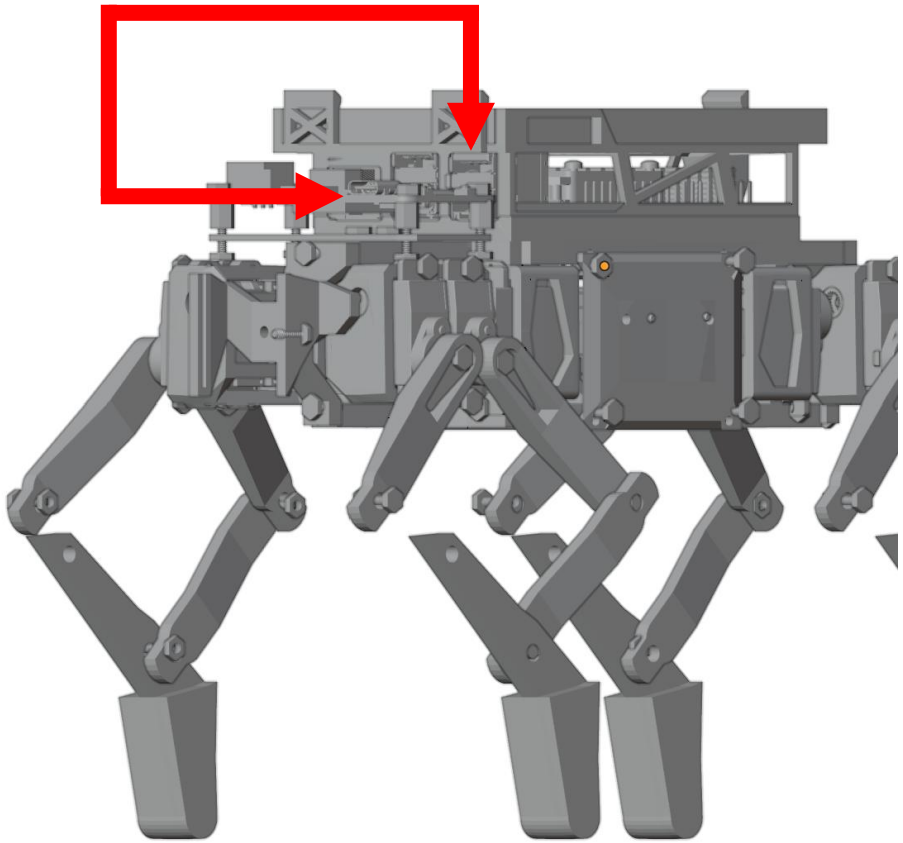
2. Body assembly



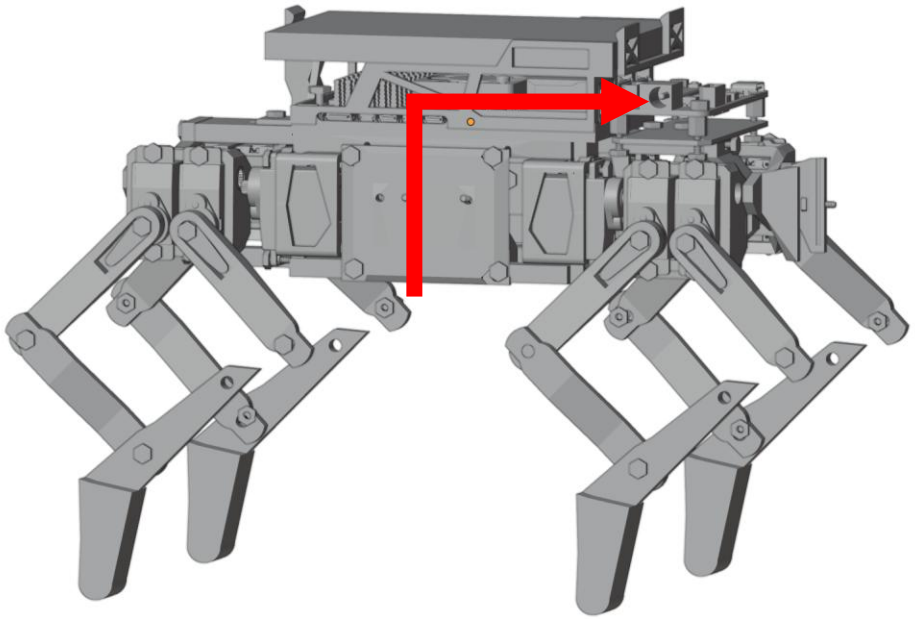


3. Cable assembly

USB to C

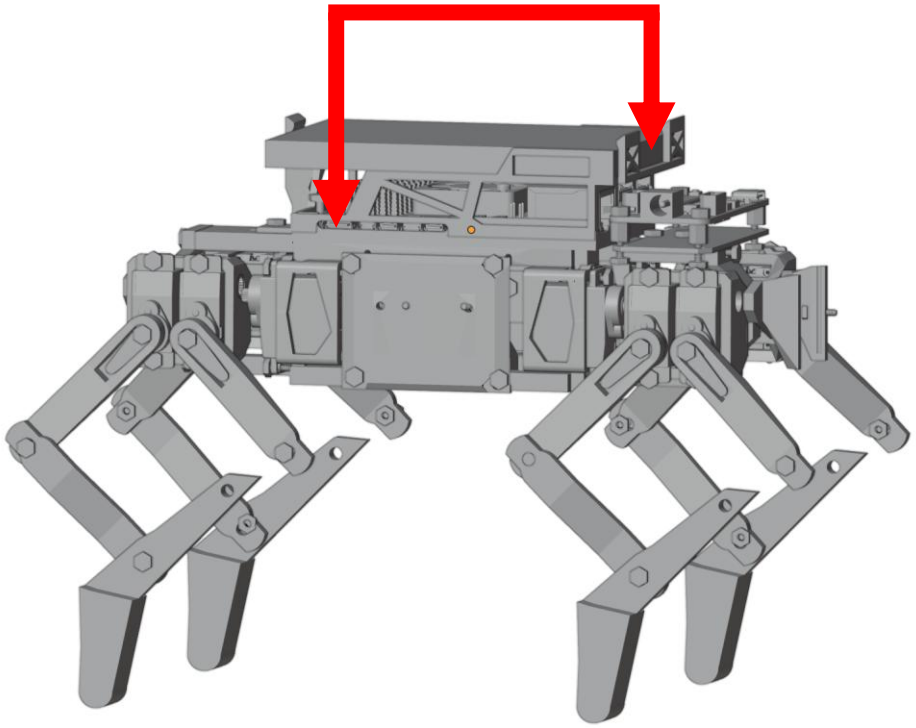


Battery to DC



3. Cable assembly

C to C



Fin

