

Servo link

拿到一包長這樣

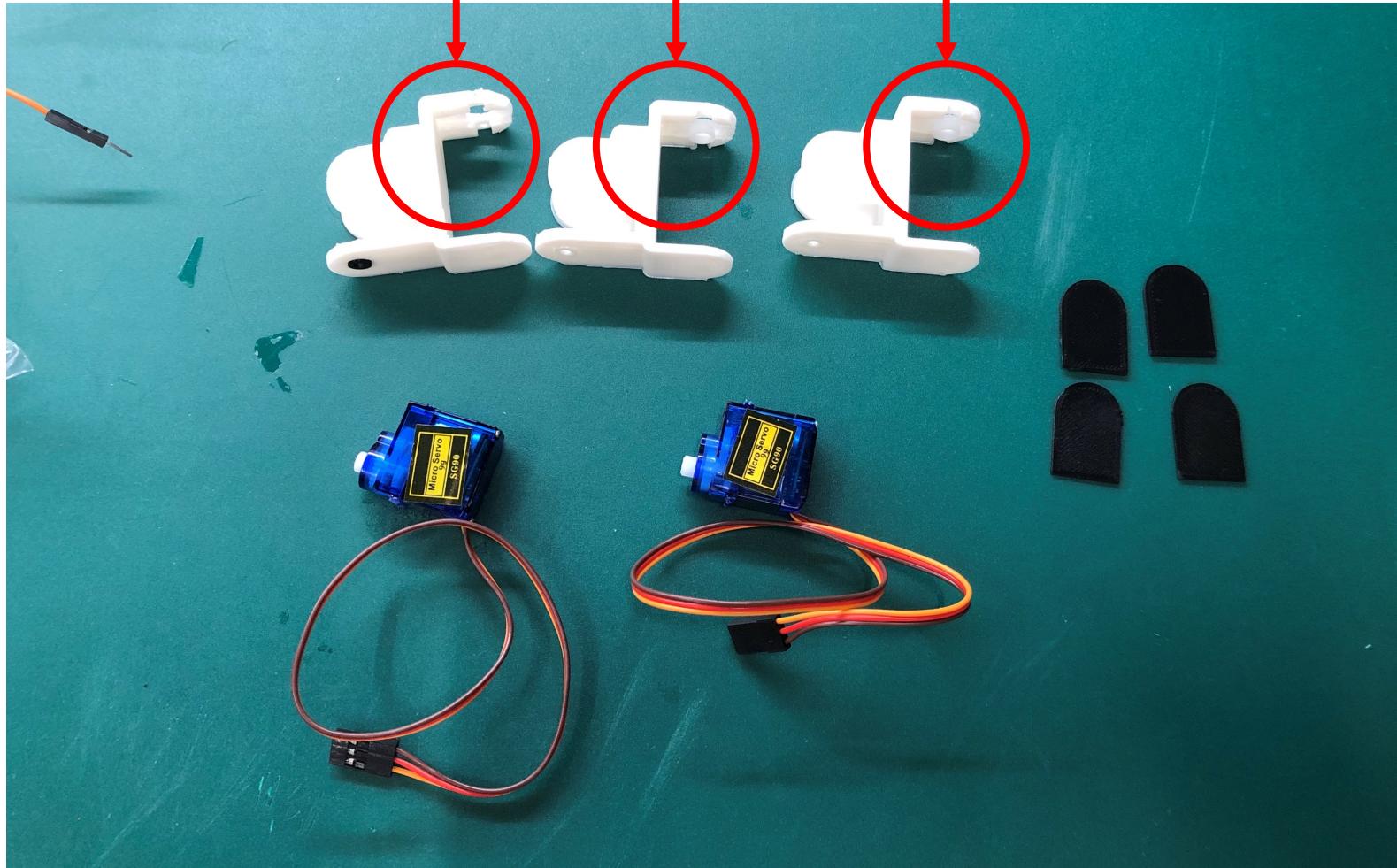


裡面的內容物

Servo殼 x 3

墊片(1mm) x 2

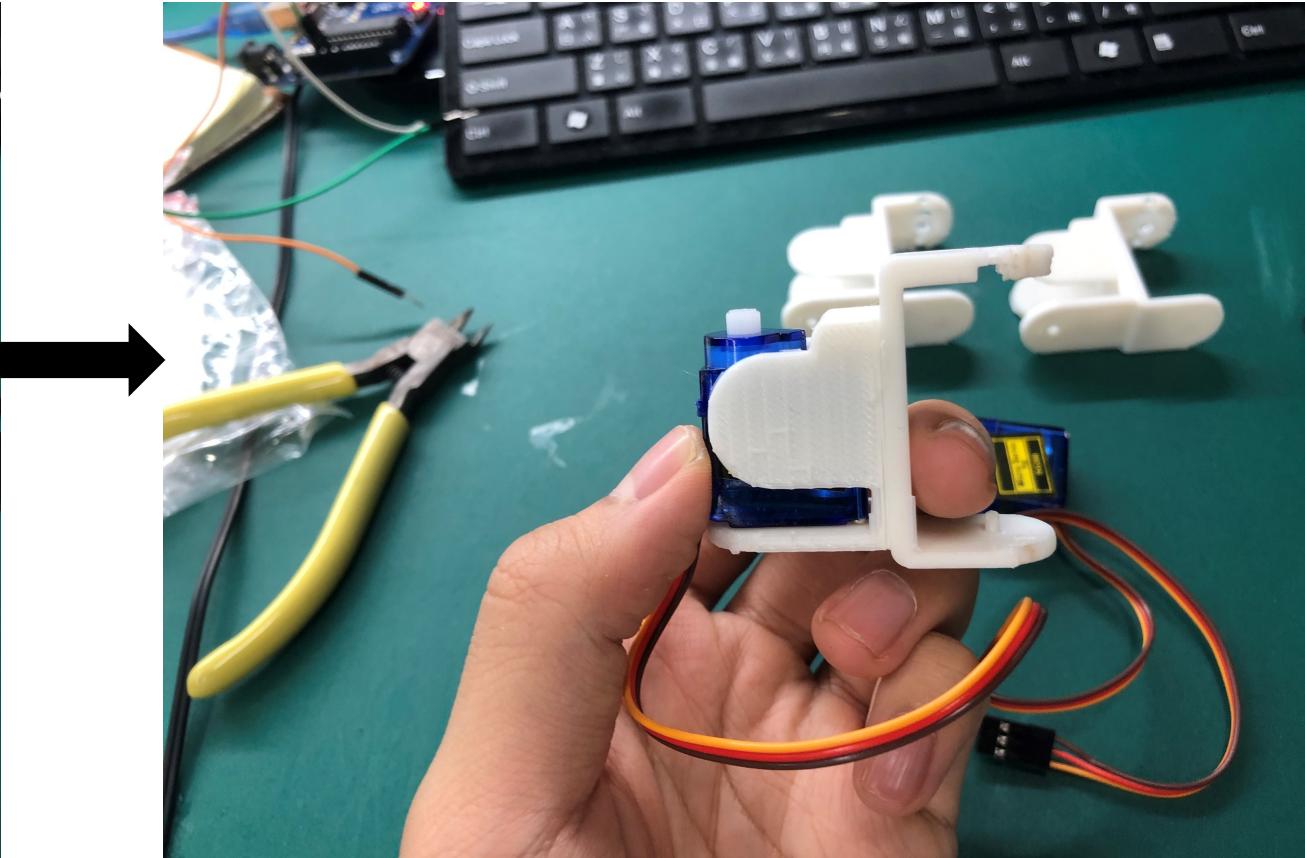
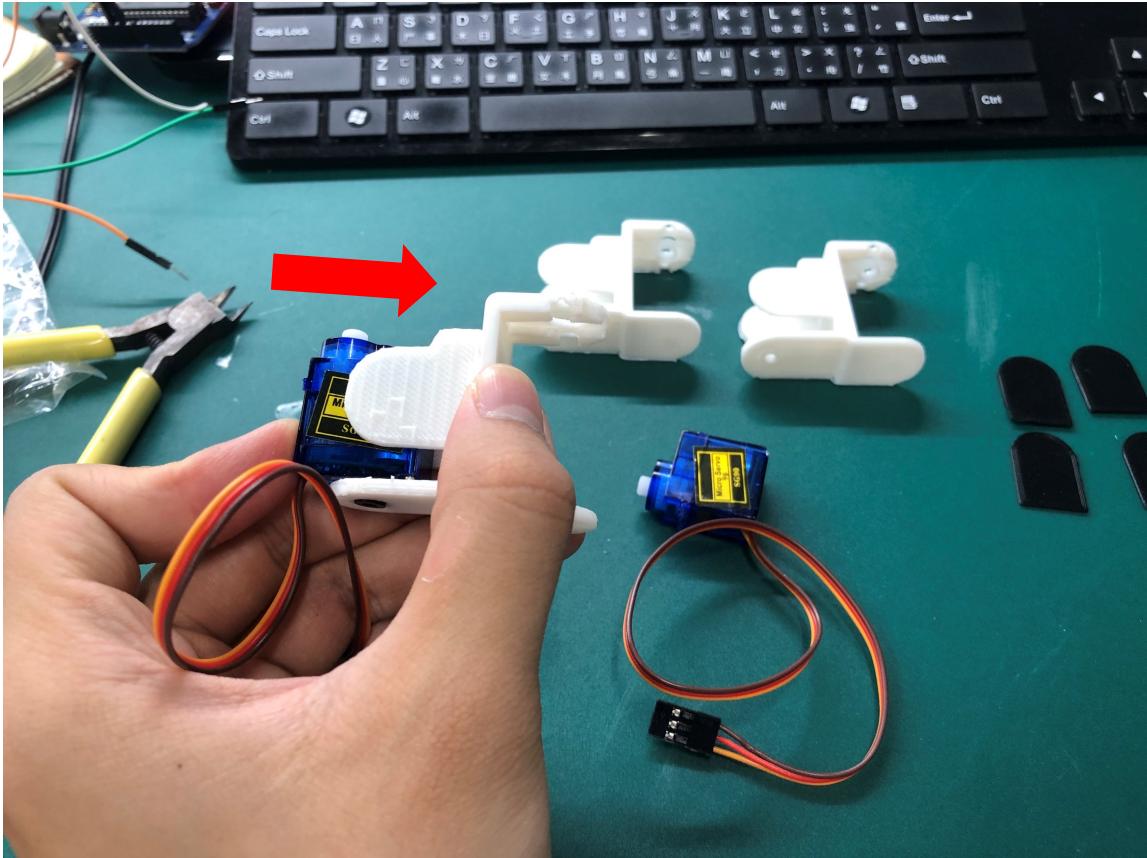
墊片(2mm) x 2



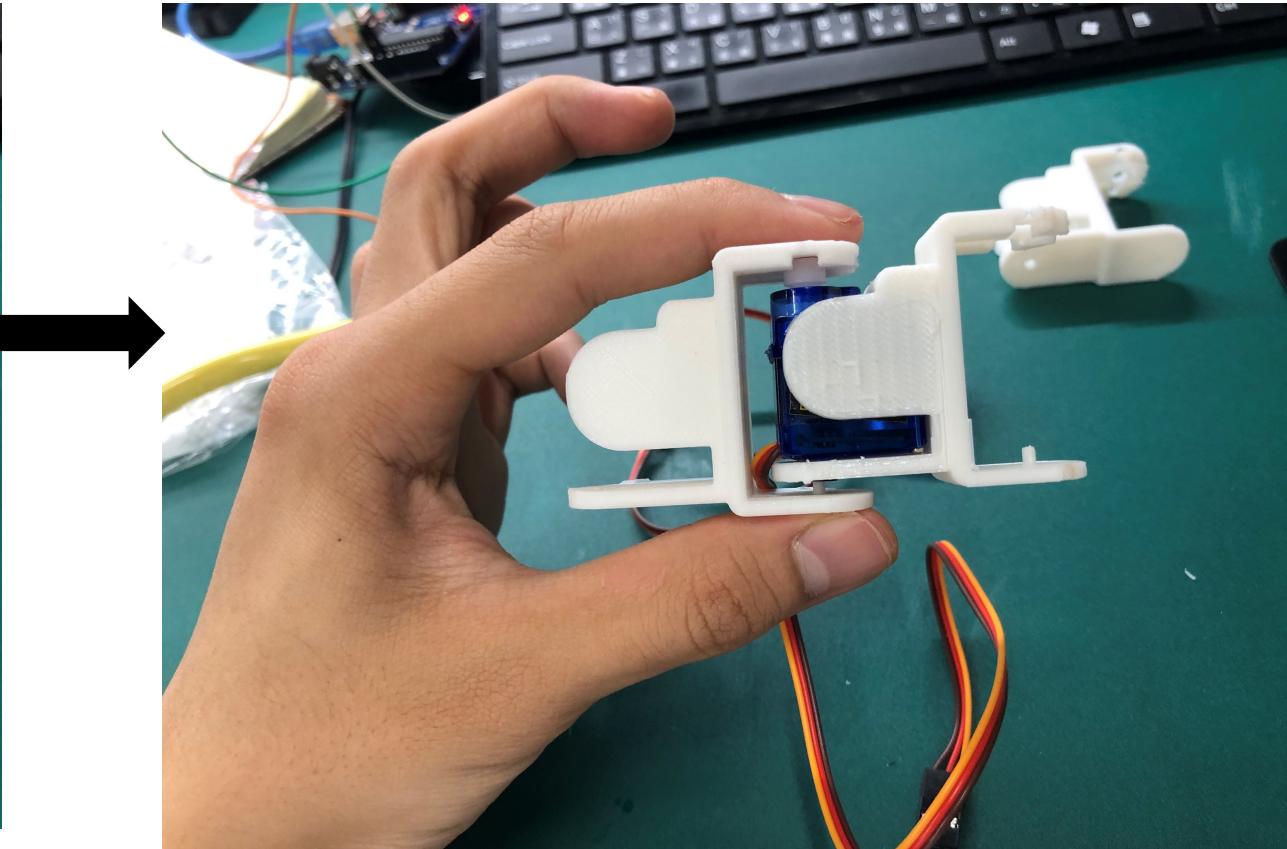
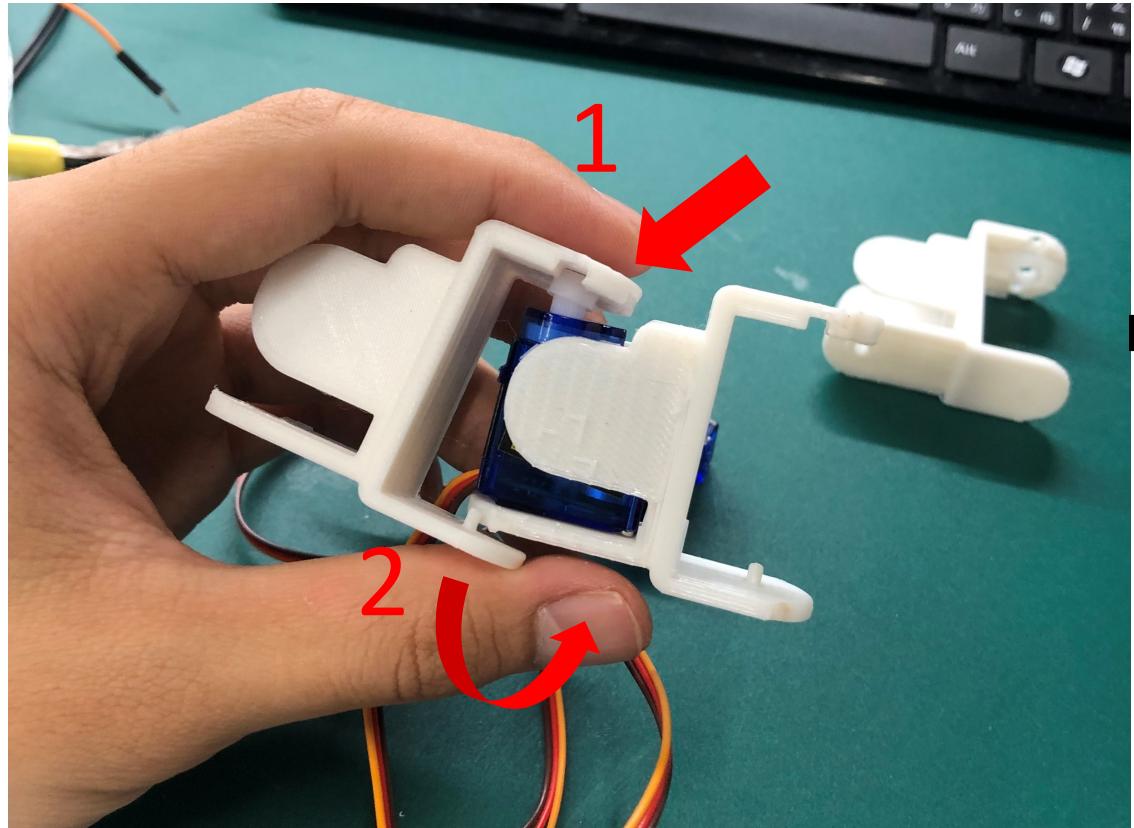
1個沒有黏翅膀

2個有黏翅膀

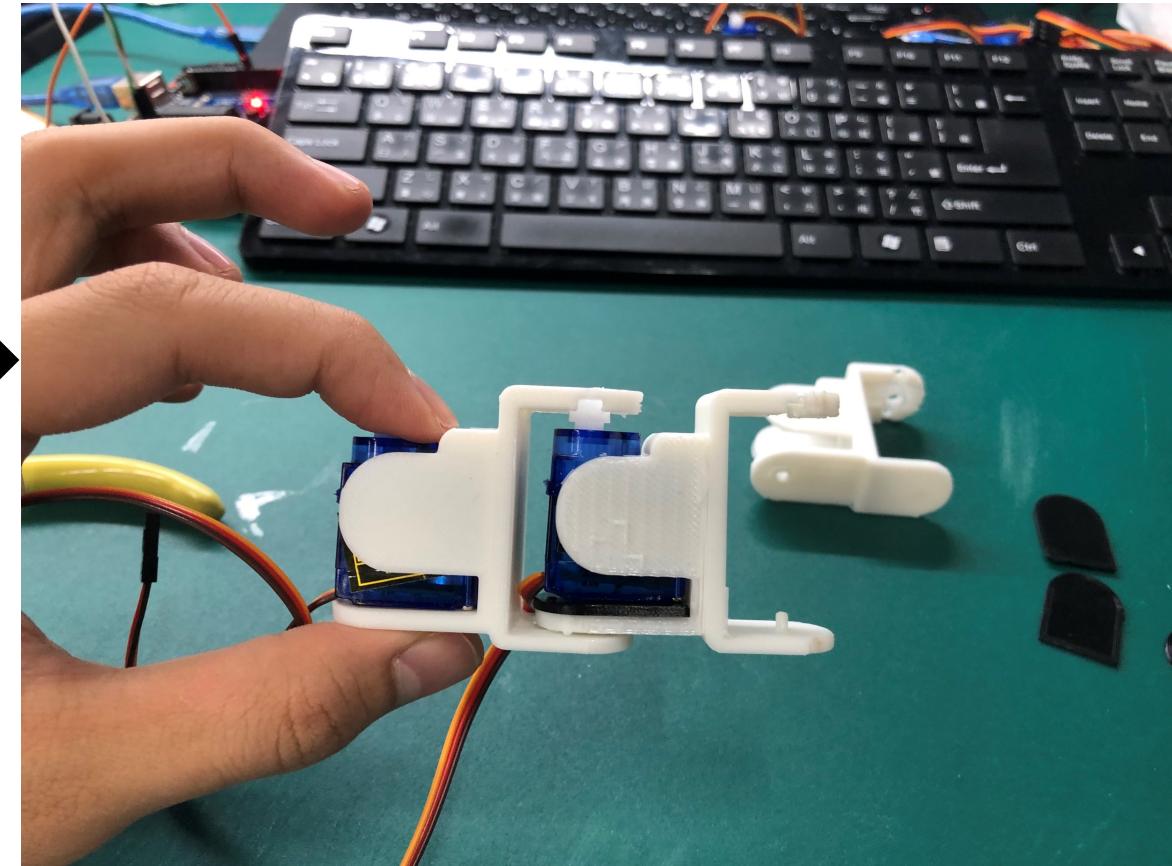
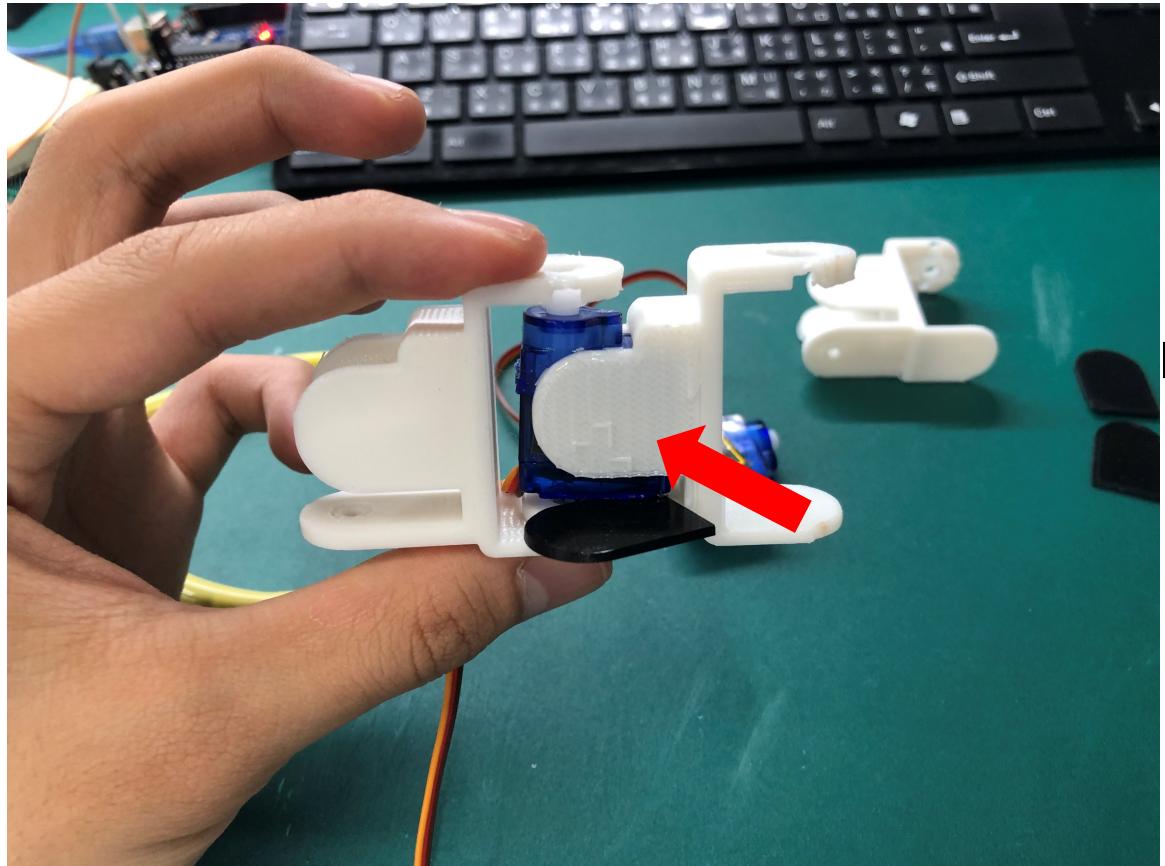
先拿沒有黏翅膀的殼 把servo塞進去



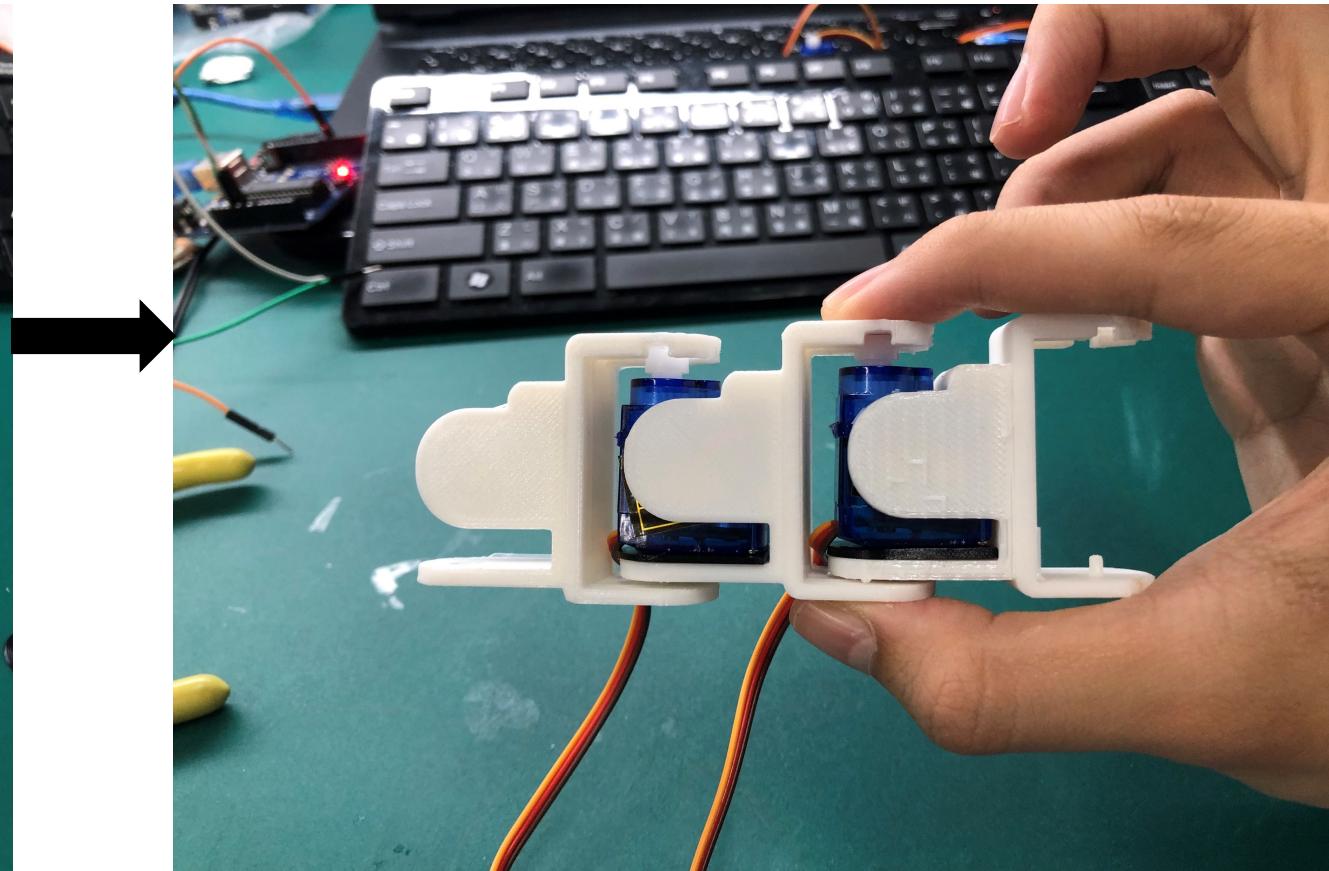
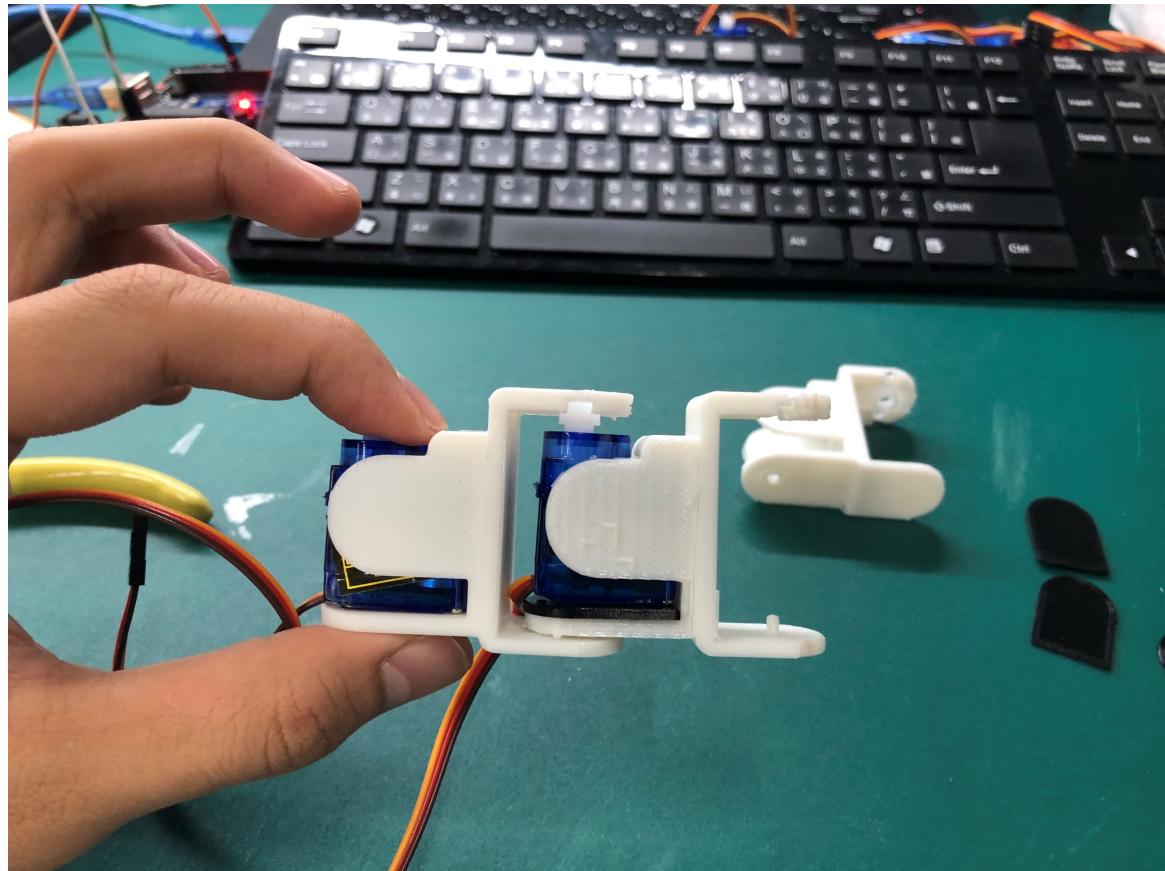
拿有黏翅膀的殼 先稍微把servo卡住上面的翅膀
再把下面轉軸卡進下方的洞



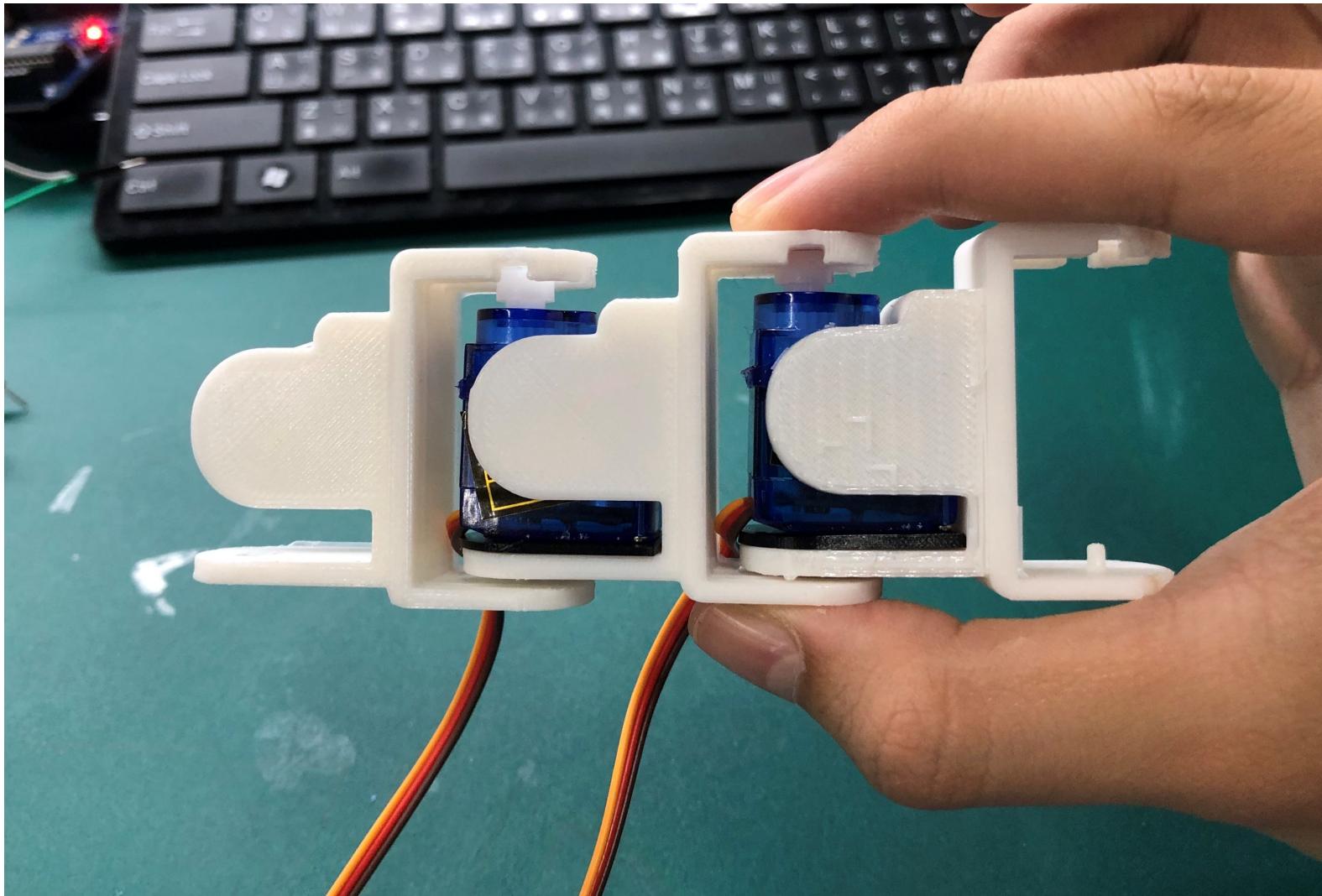
Servo跟殼中間有空隙的話
可以視空隙大小塞對應厚度的墊片



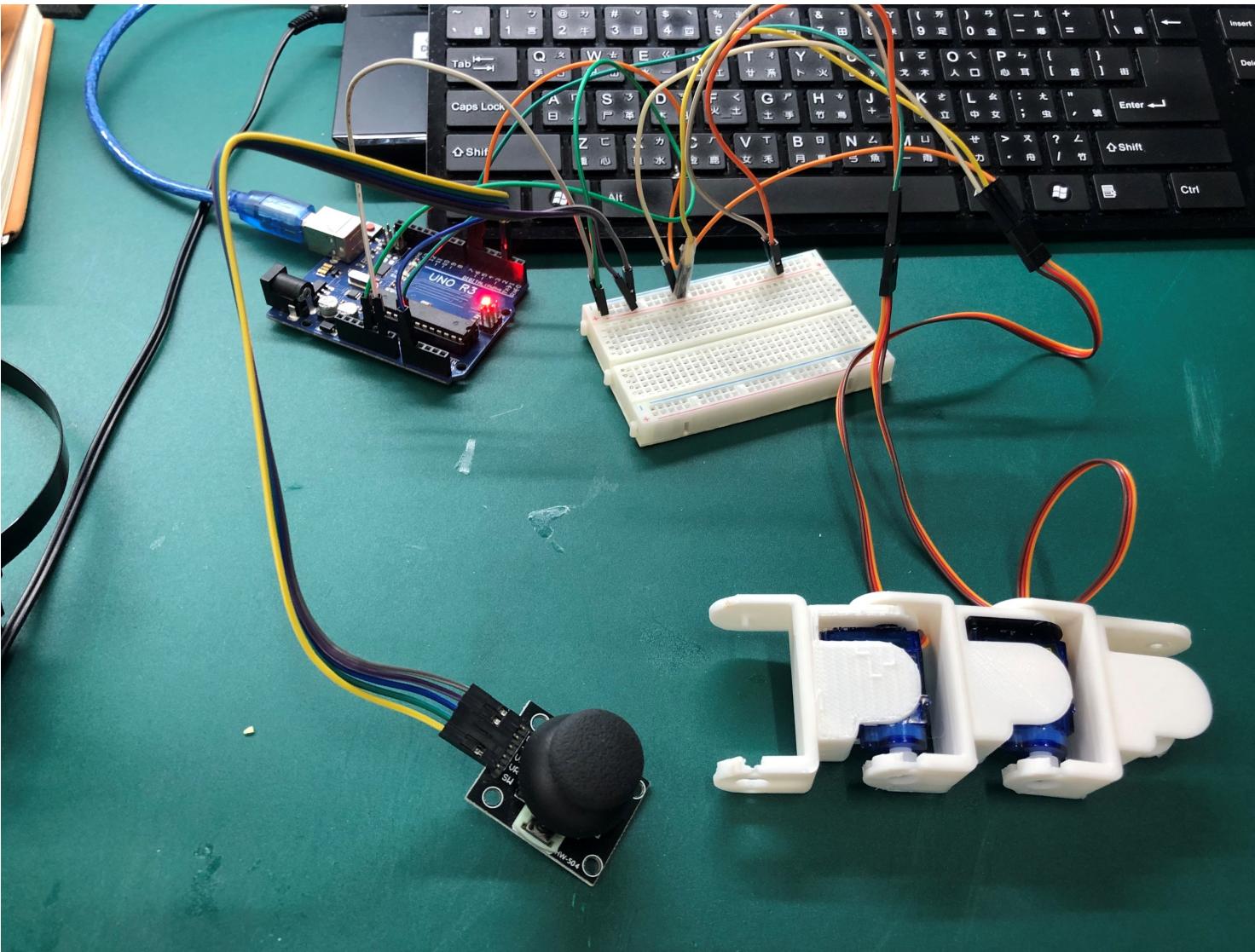
再拿一個servo 跟一個有黏翅膀的殼
重複上面的步驟



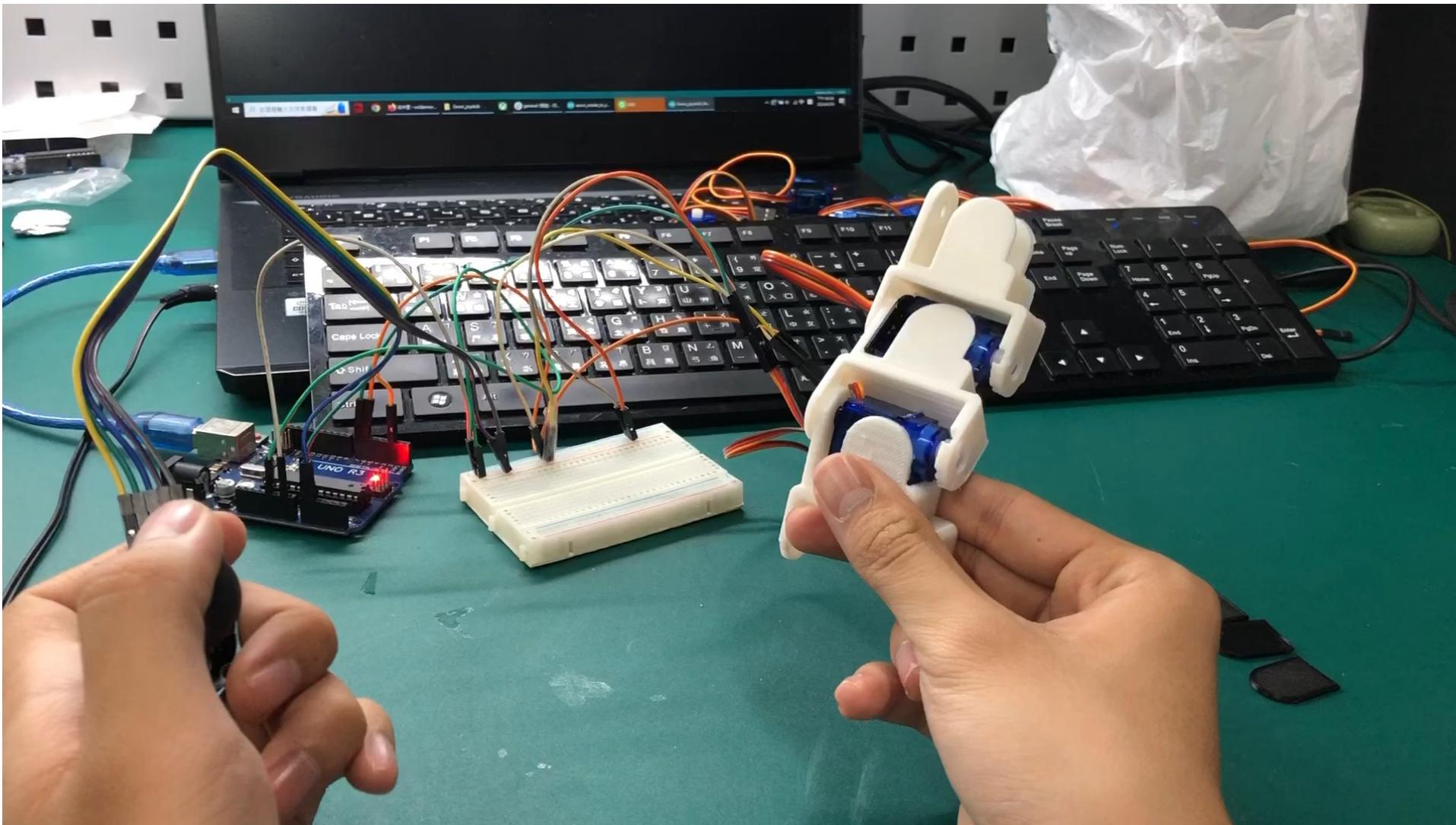
組裝完成!



接上Arduino和蘑菇頭

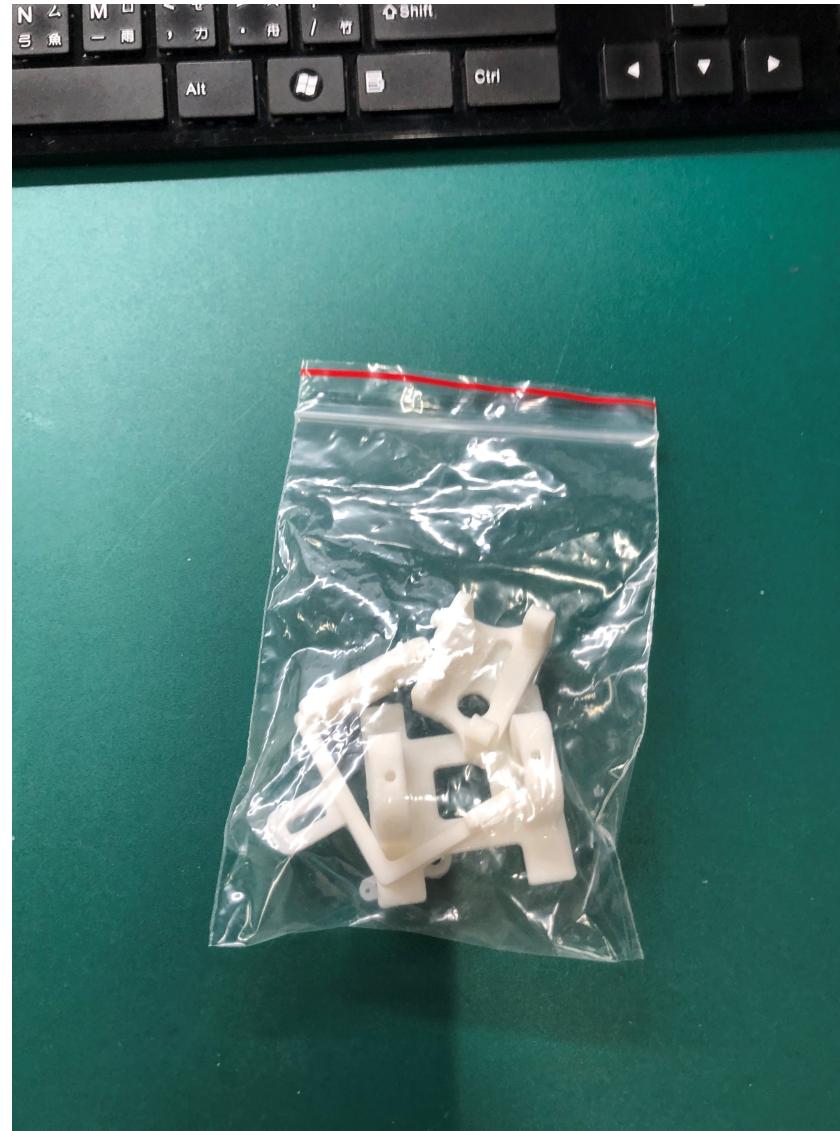


用蘑菇頭控兩個Servo的角度



Servo tripod

拿到一包長這樣

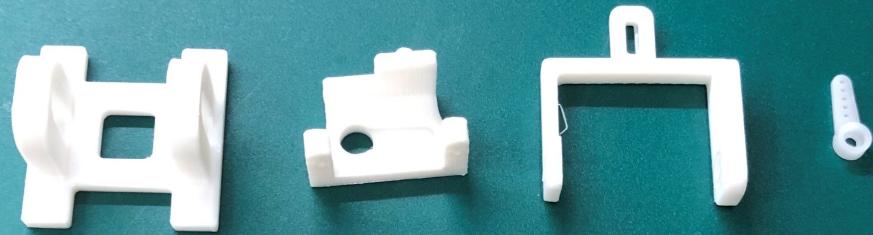


裡面的內容物

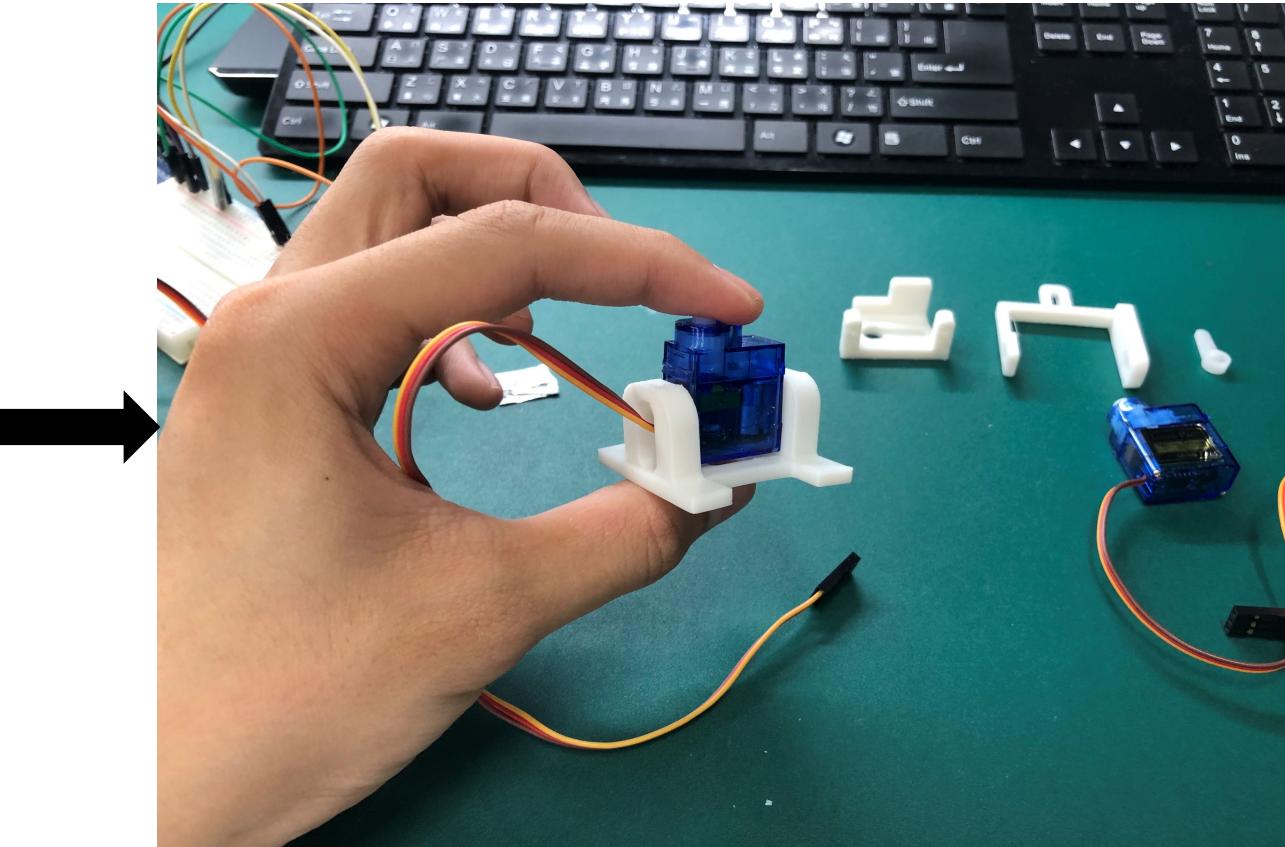
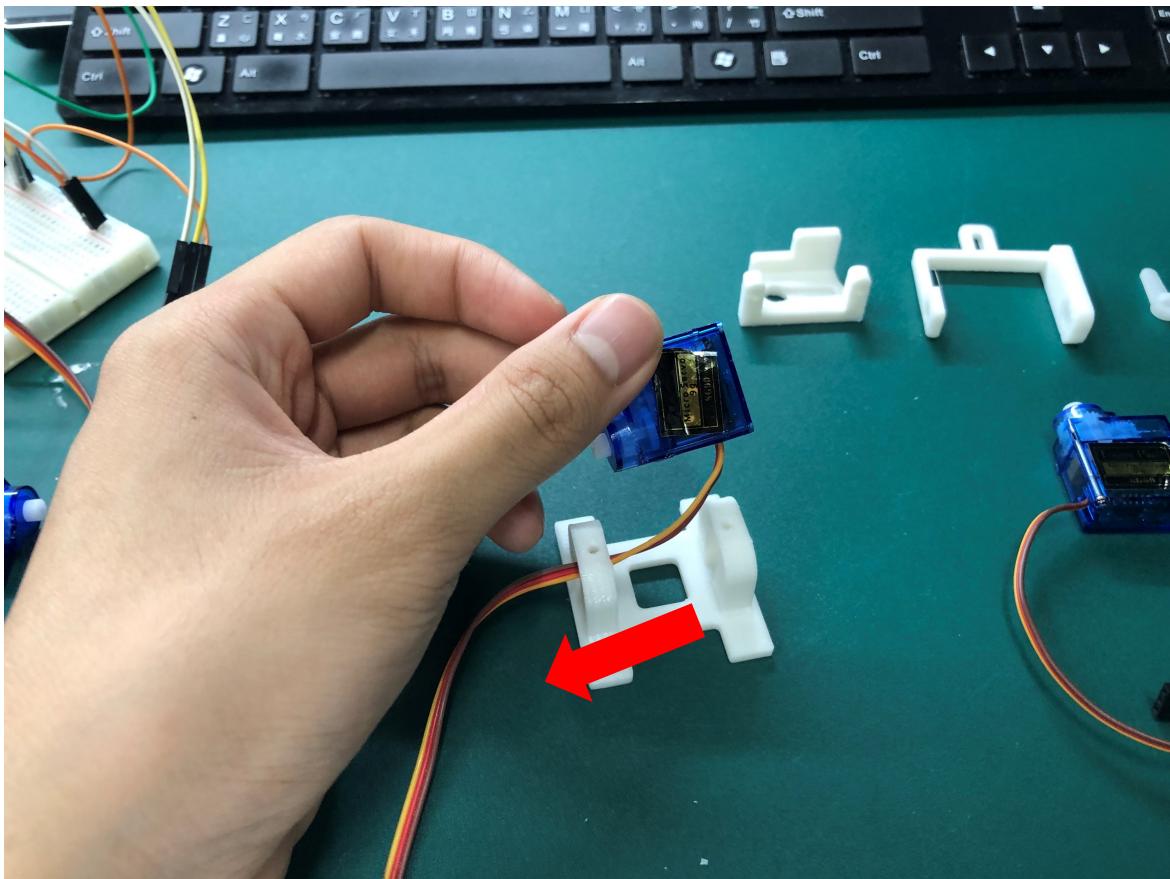
零件 x 3

小翅膀 x 1

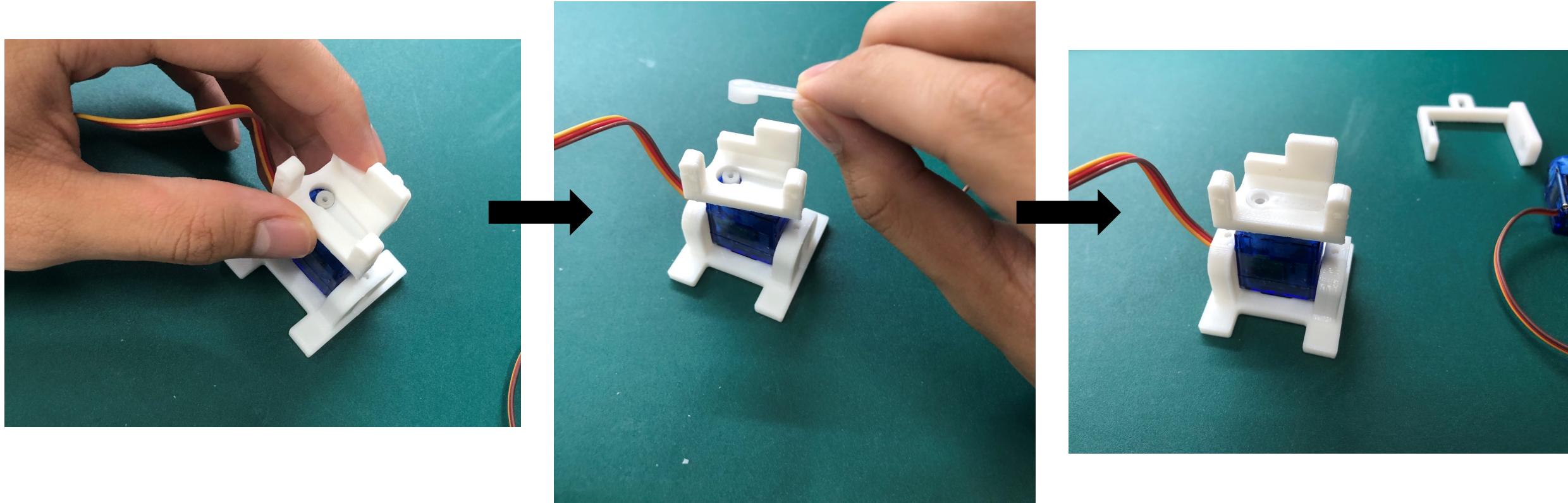
底座 上層servo殼 旋轉手臂 小翅膀



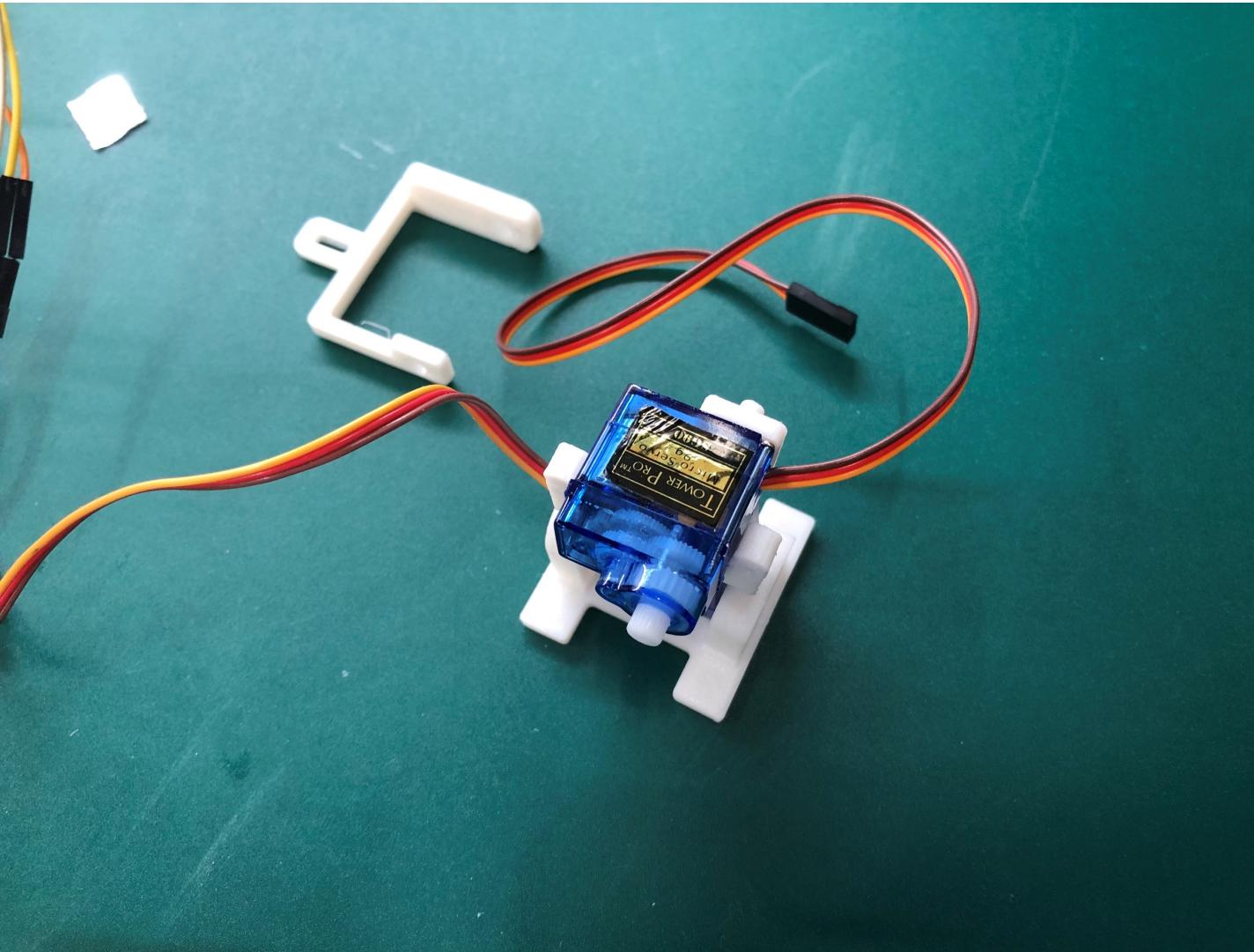
把servo的線先穿過底座的洞



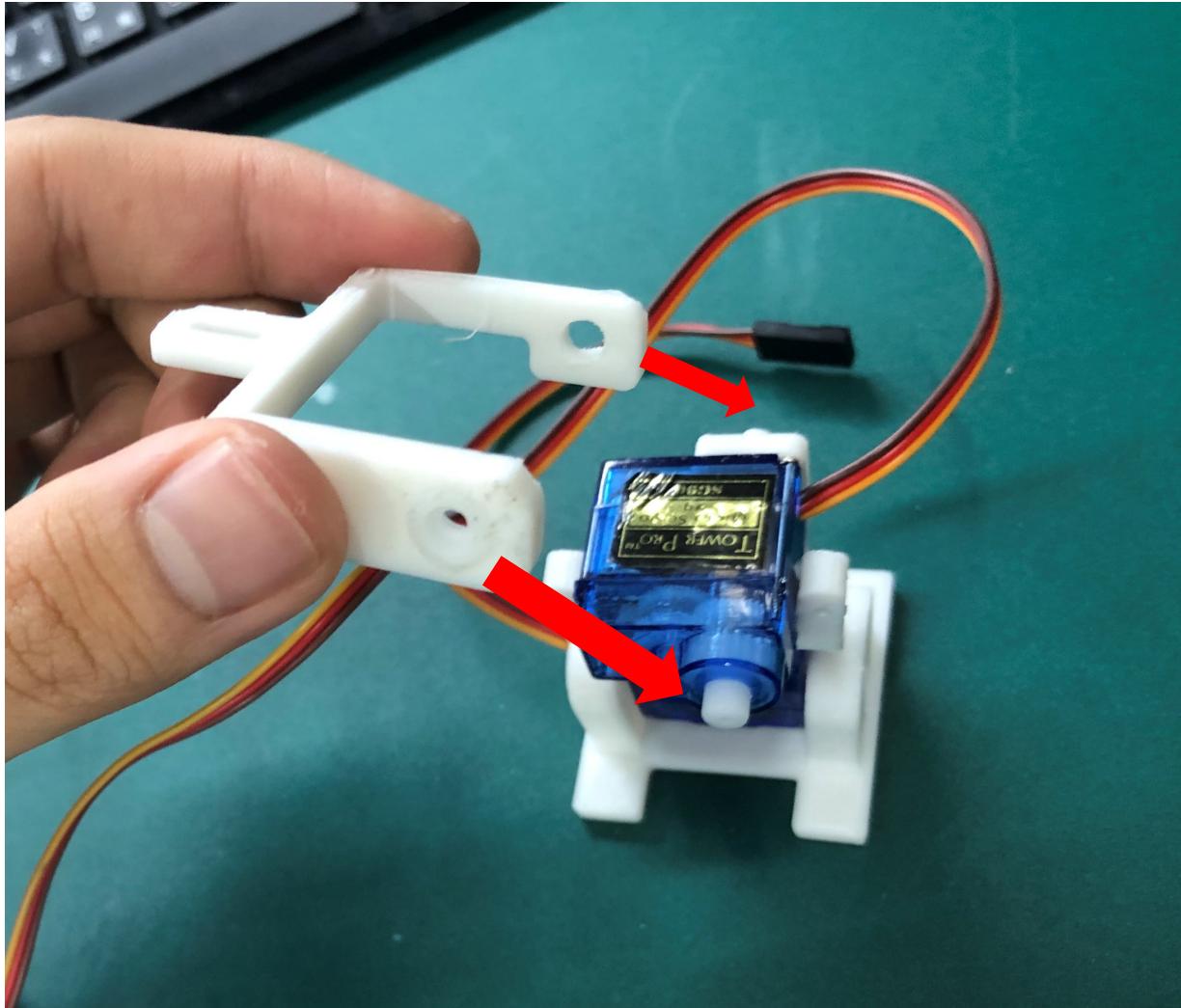
把上層的servo殼放上去
用小翅膀卡住



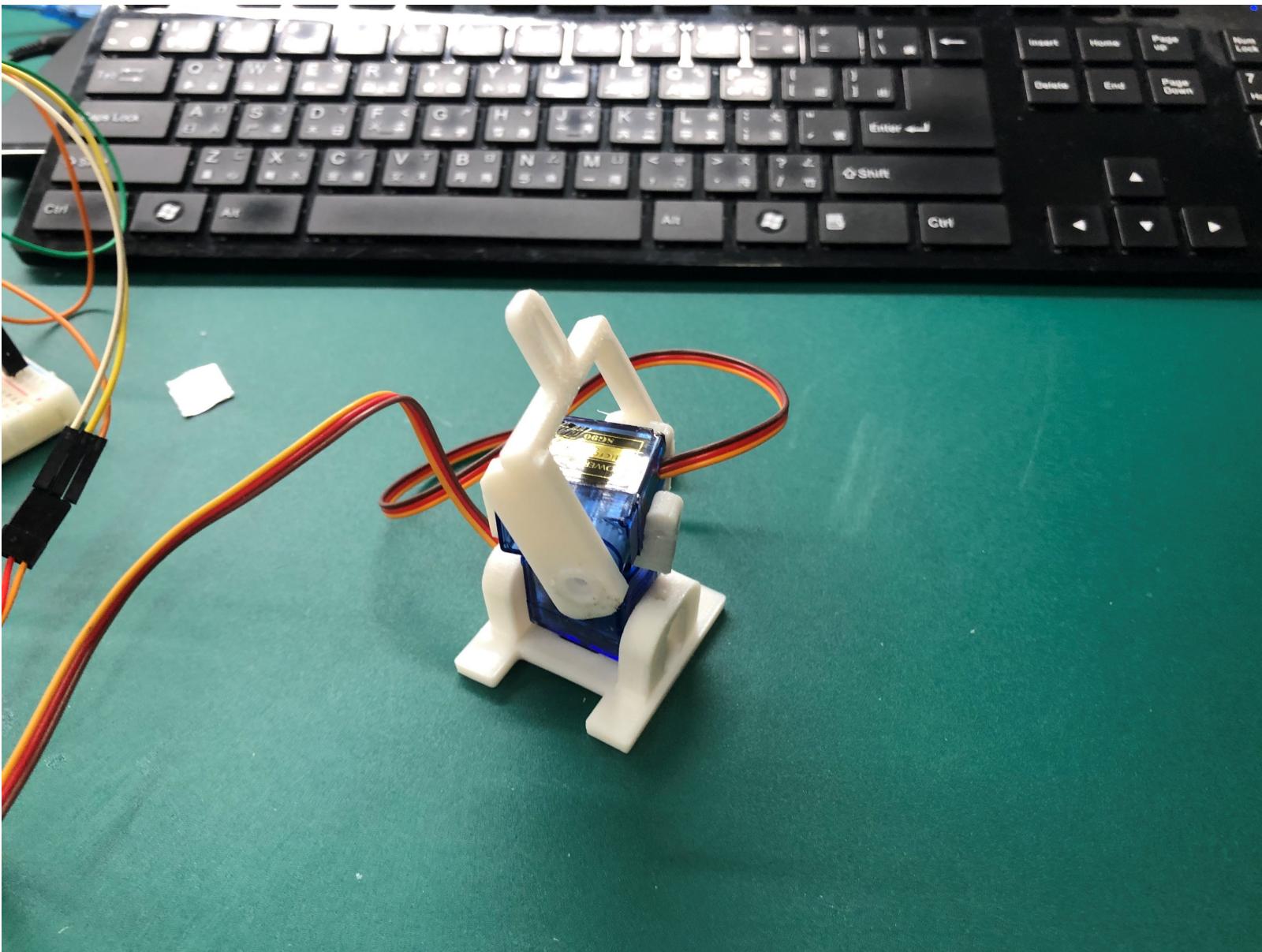
再放上第二個servo (注意方向)



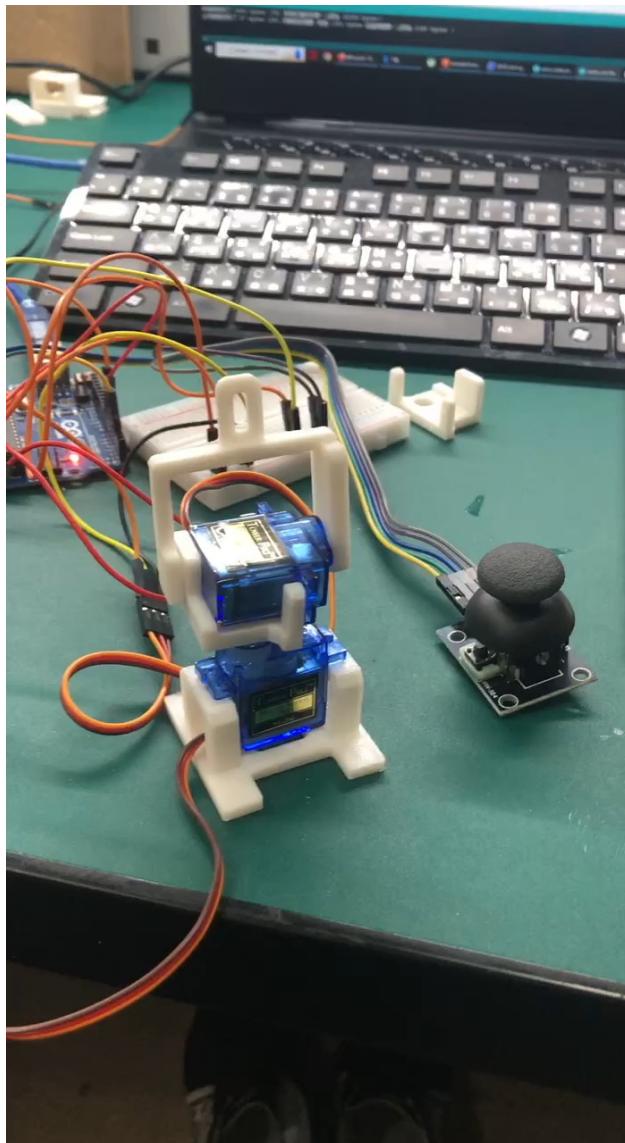
把旋轉手臂扣上去 (注意方向)



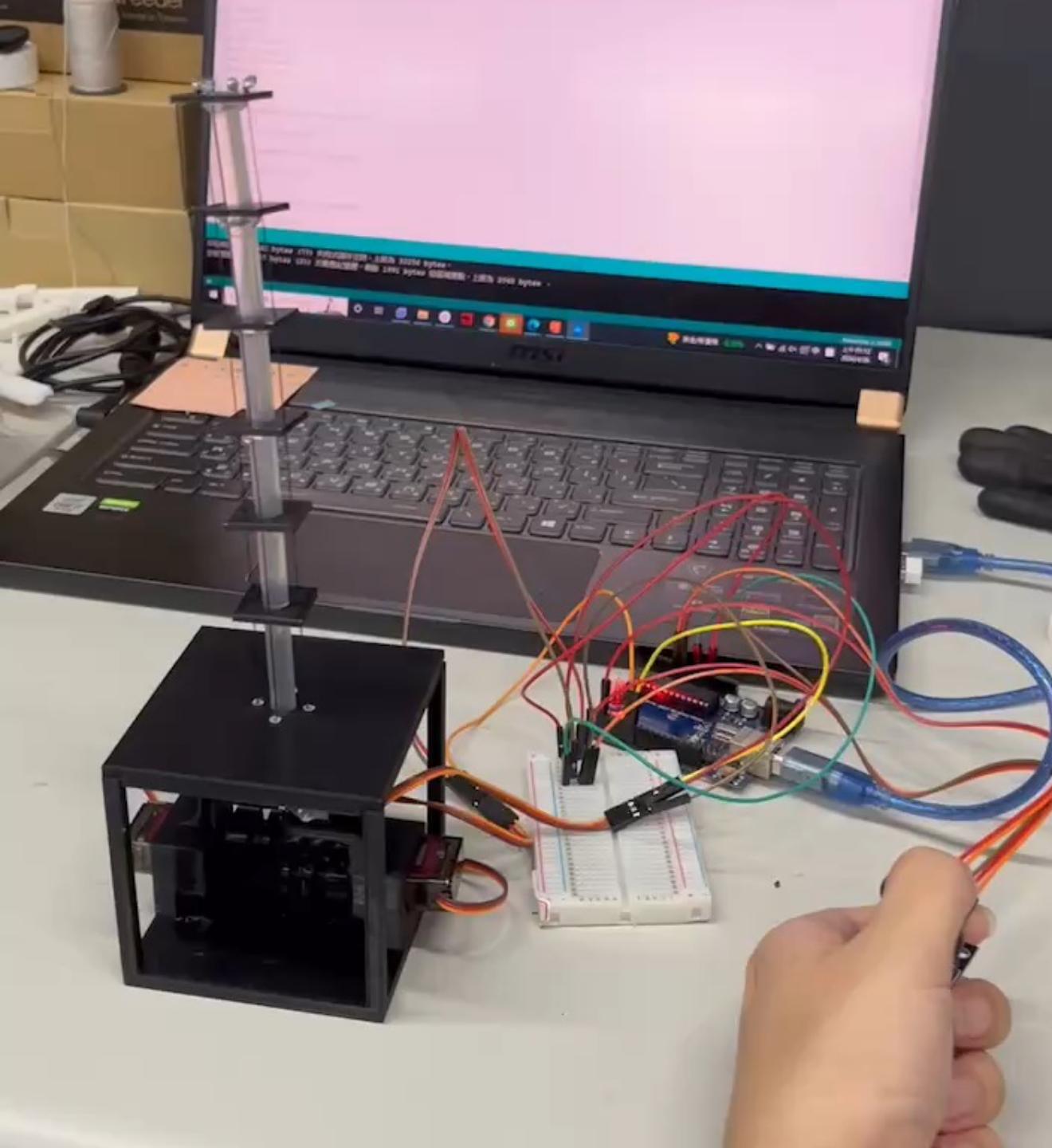
組裝完成!



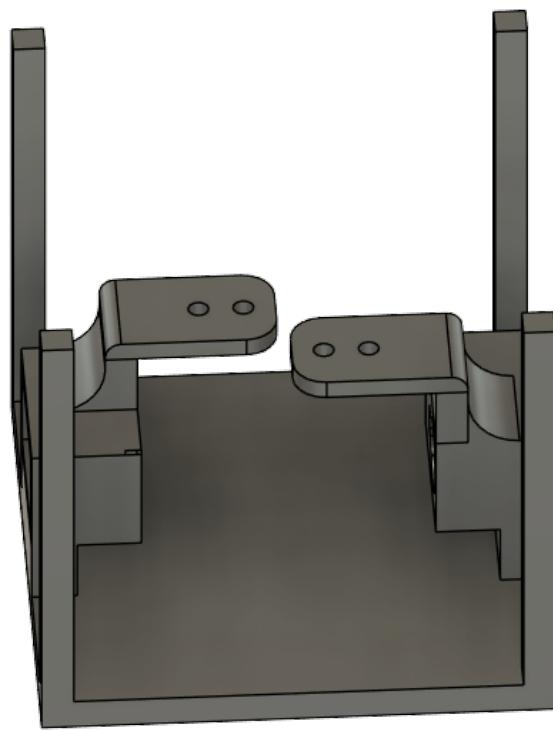
用蘑菇頭控兩個維度的旋轉



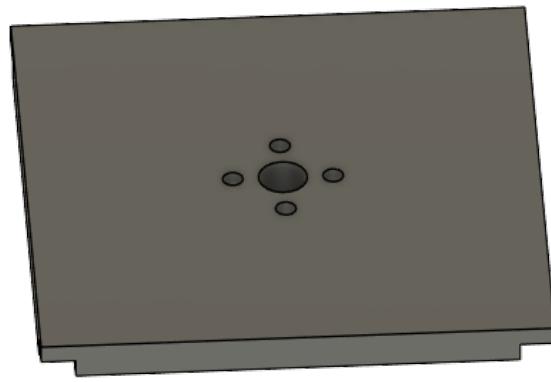
Servo Spine



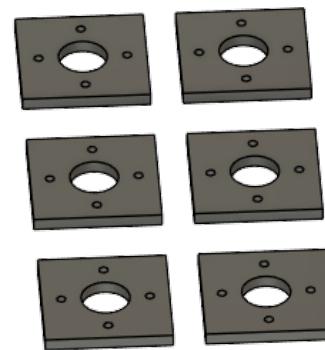
用JoyStick控制兩顆Servo拉線，
使膠條可以進行2-DOF的移動。



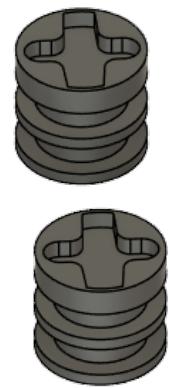
底座



上蓋



關節*6



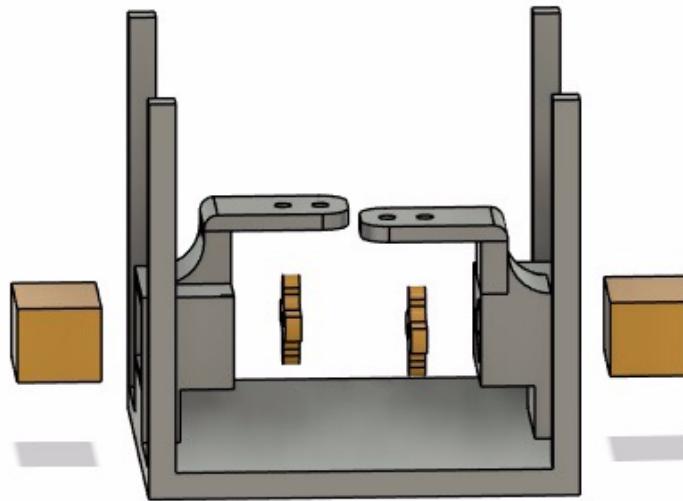
線軸*2

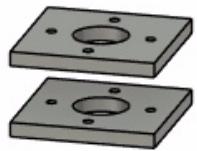
Servo*2

熱熔膠條*1

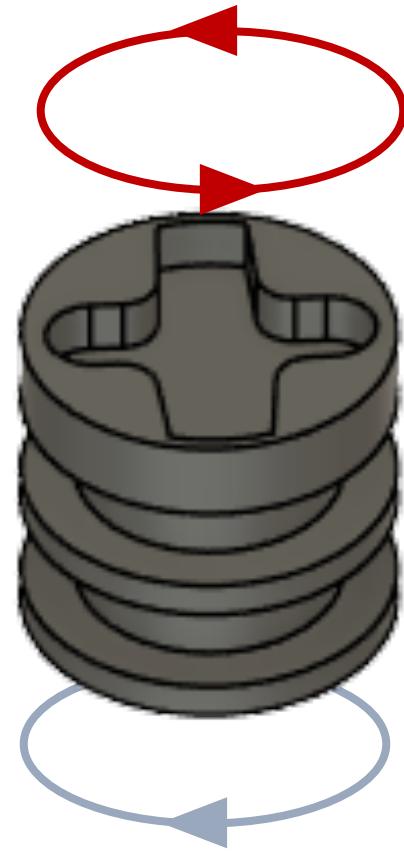
釣魚線

鮑登管*4



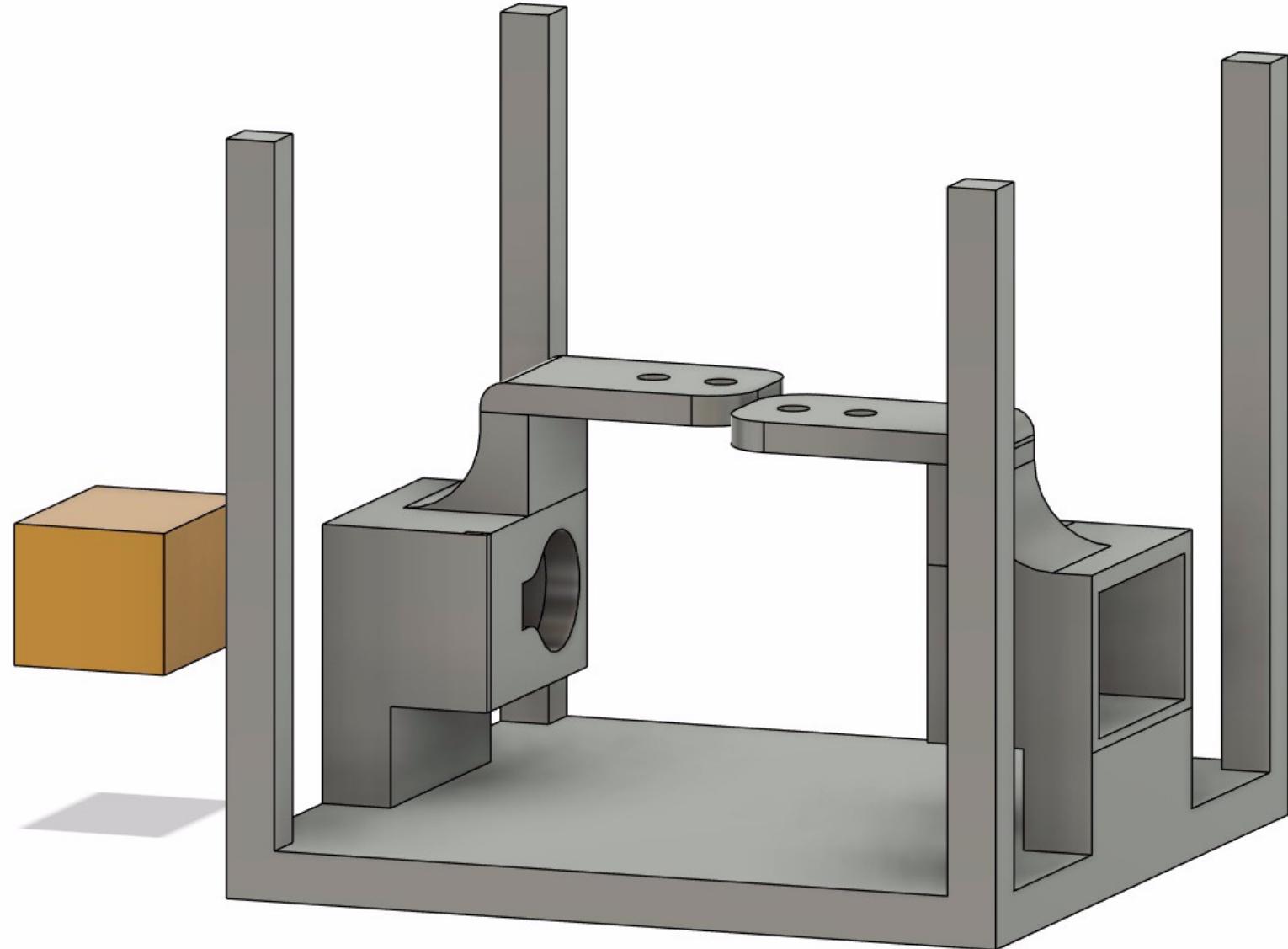


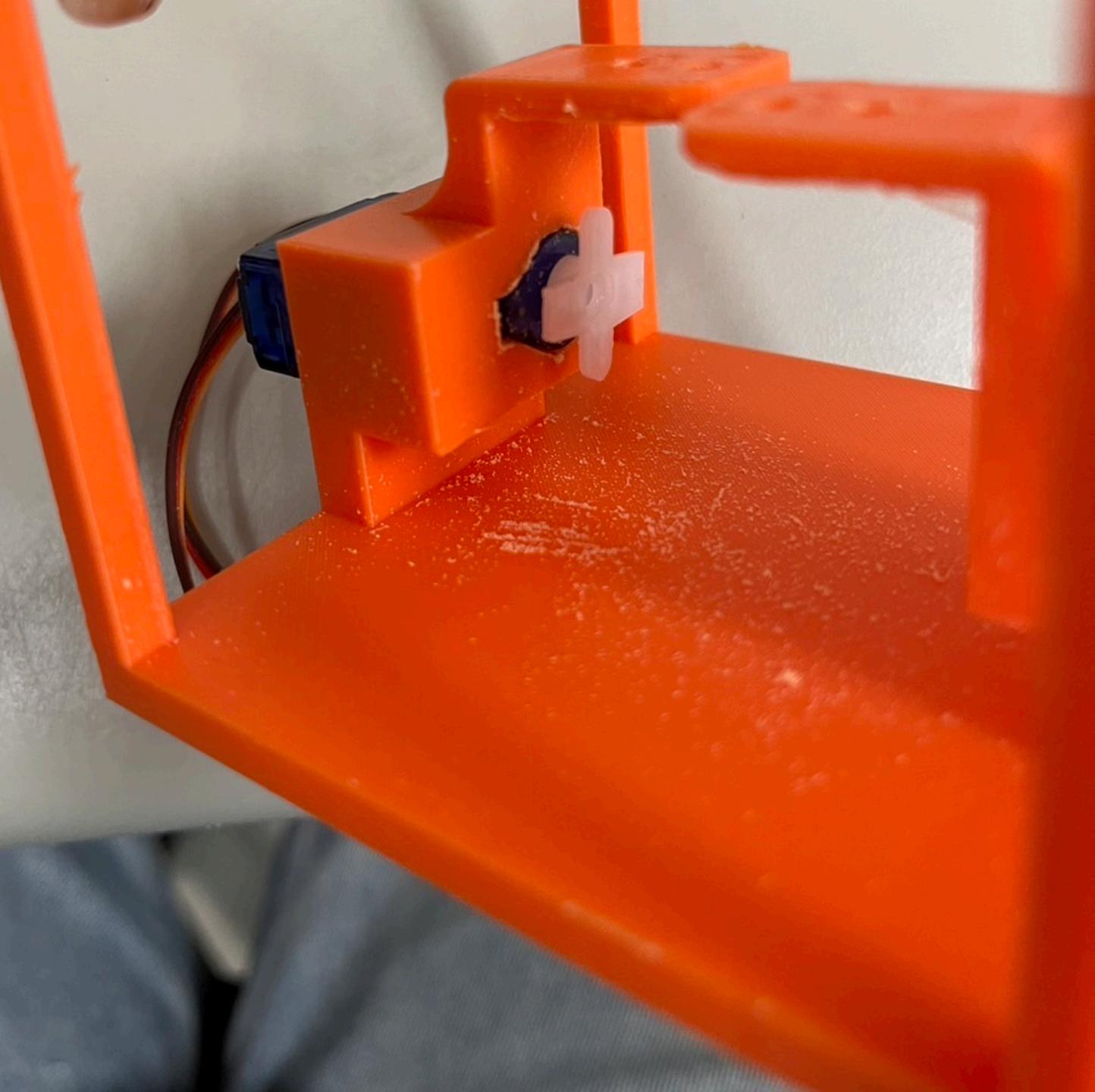
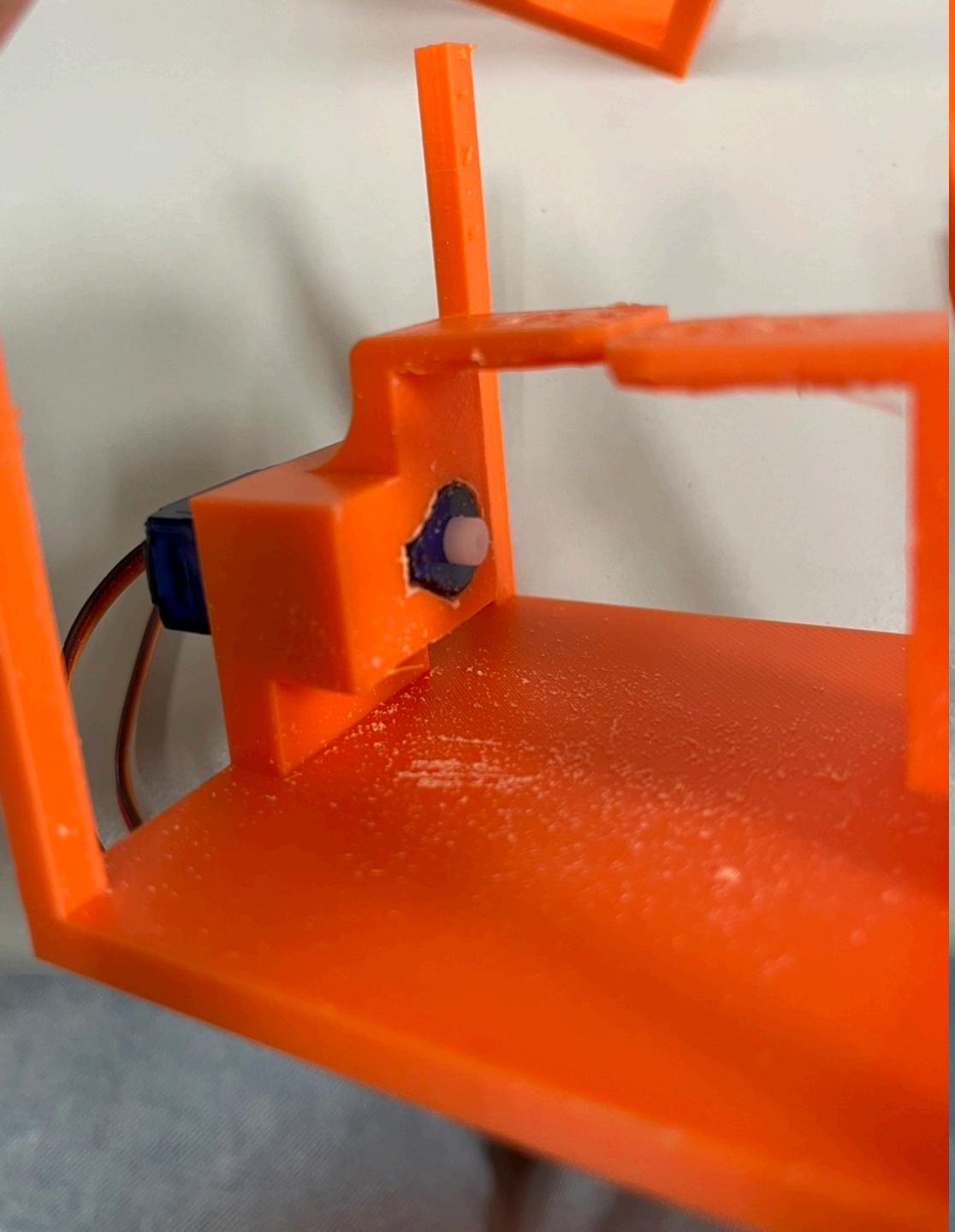
將關節固定在熱熔膠條上



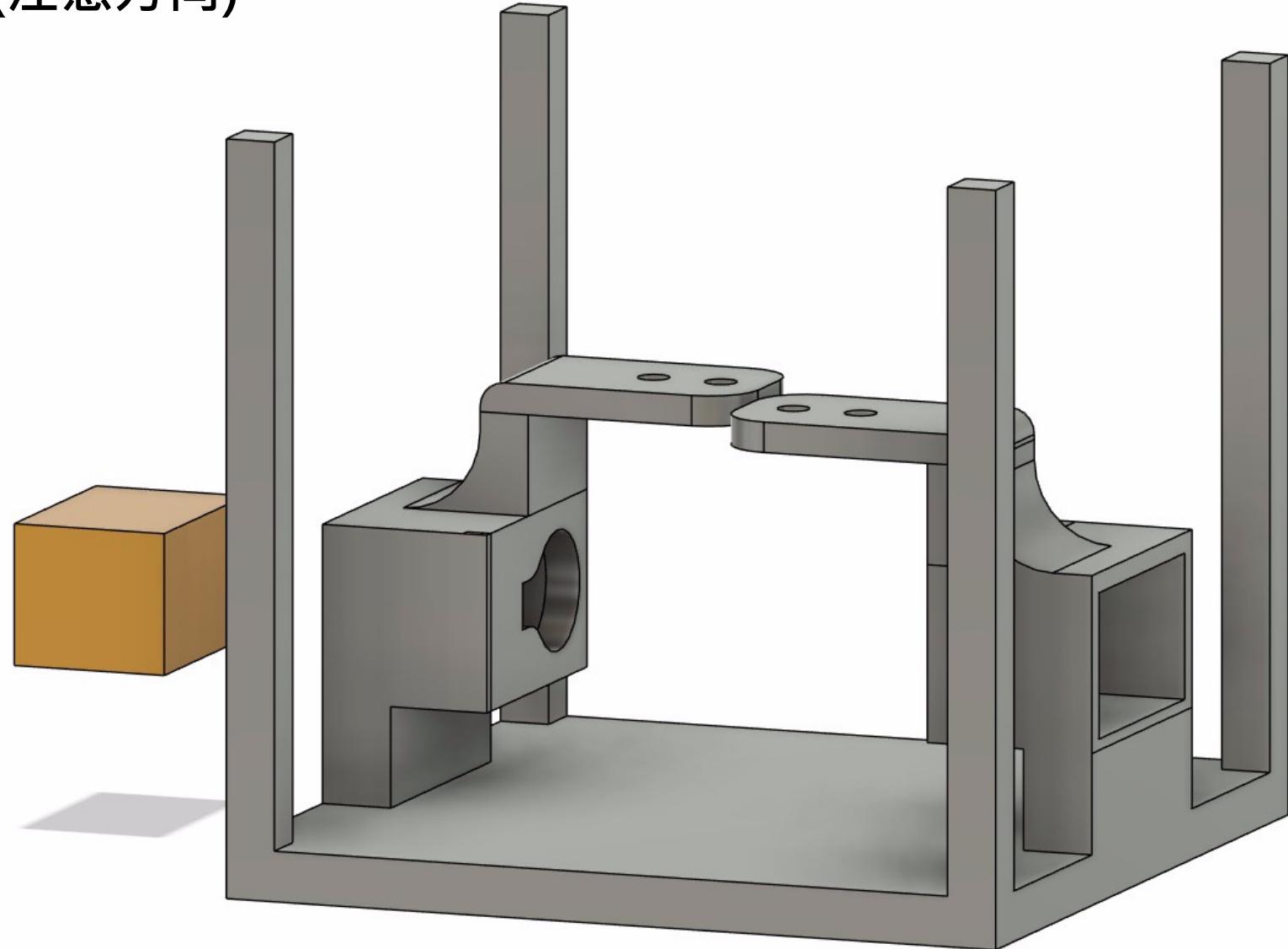
確保線軸上下兩層的線，以相反方向環繞兩圈
(這樣線軸旋轉時，才會一端拉線、一端放線)

1. 將Servo放入底座中
2. 將十字零件用螺絲固定在servo上
(用最小的螺絲)





1. 將Servo放入底座中
2. 將十字零件用螺絲固定在servo上
3. 將線軸黏在十字零件上(注意方向)

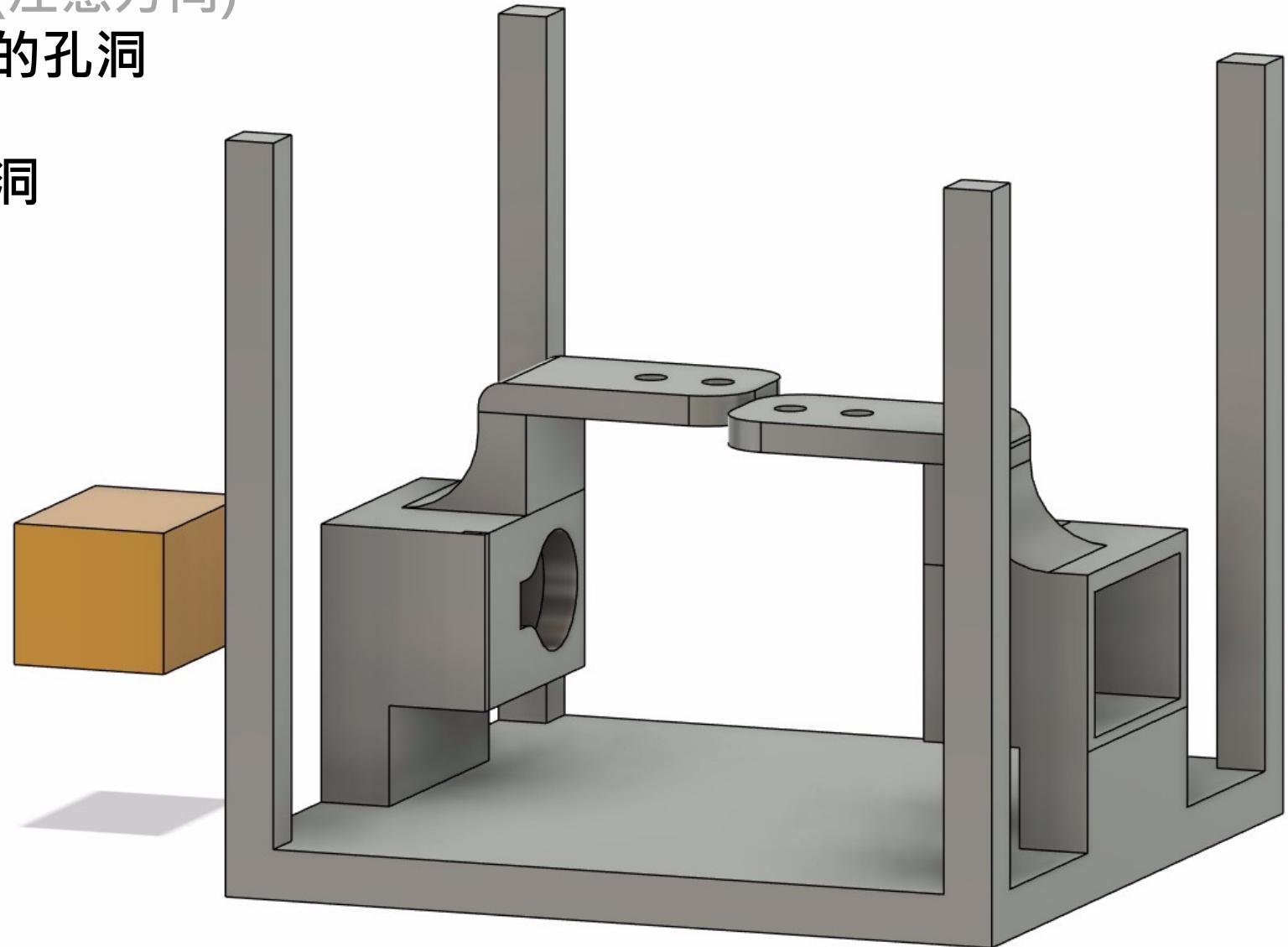


窄

寬



1. 將Servo放入底座中
2. 將十字零件用螺絲固定在servo上
3. 將線軸黏在十字零件上(注意方向)
4. 將鮑登管卡進底座上方的孔洞
5. 蓋上蓋子
6. 將鮑登管卡進上蓋的孔洞



1. 將裝好關節的熱熔膠條卡進蓋子中央的孔洞
2. 將線穿過：底座的孔洞口鮑登管口上蓋的孔洞口每一節關節的小洞
3. 穿完線後，在最上方的關節處打結、固定線。

