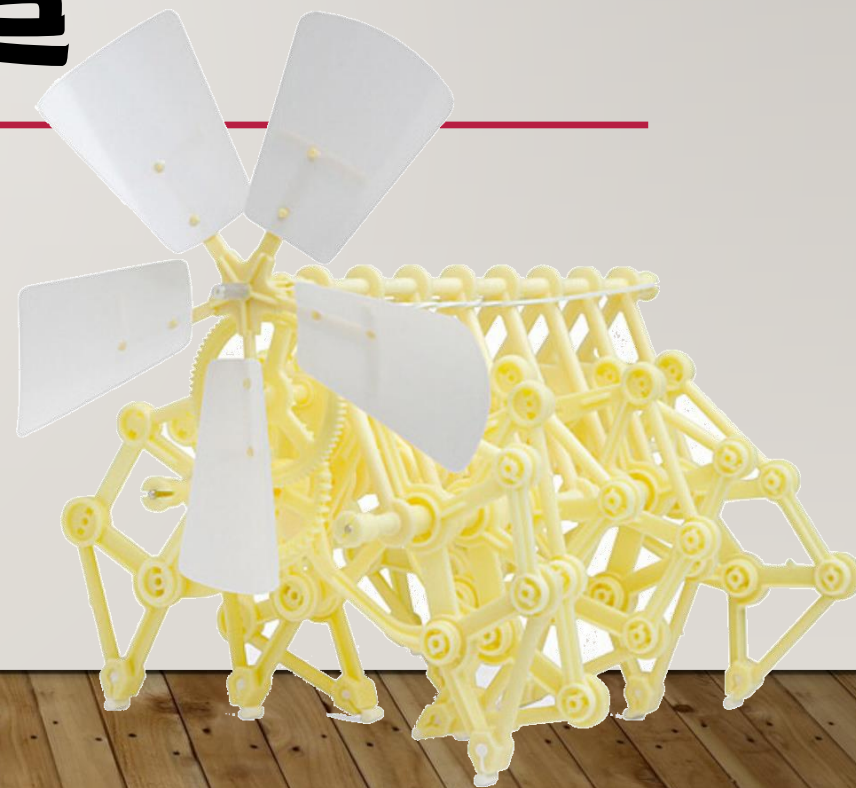
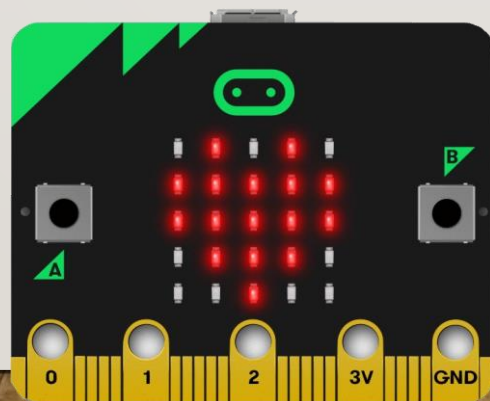


風力仿生獸改造

MICRO:BIT + KSB040 + KSB047



所需材料

風力仿生獸塑料件

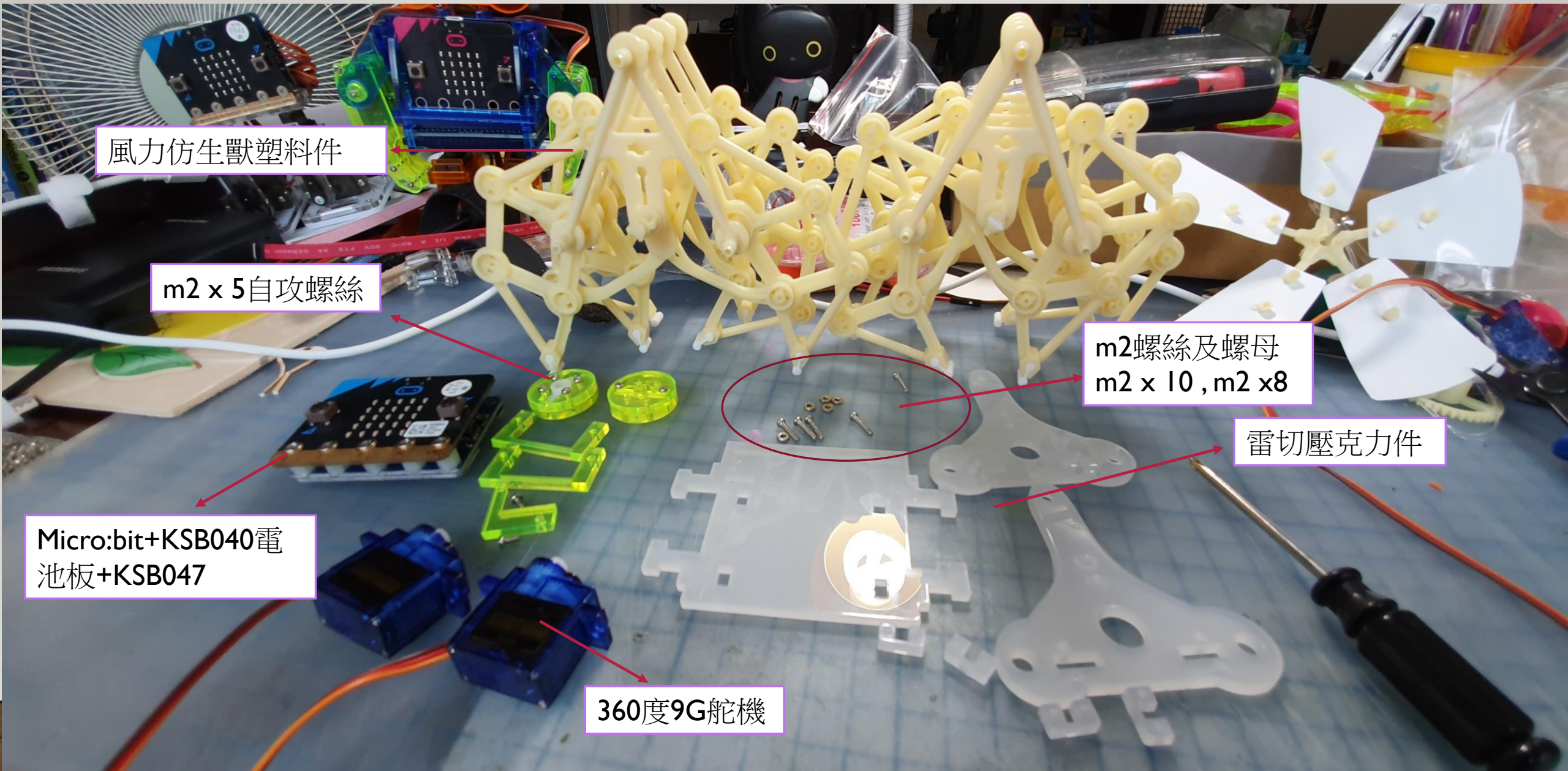
m2 x 5自攻螺絲

m2螺絲及螺母
m2 x 10, m2 x 8

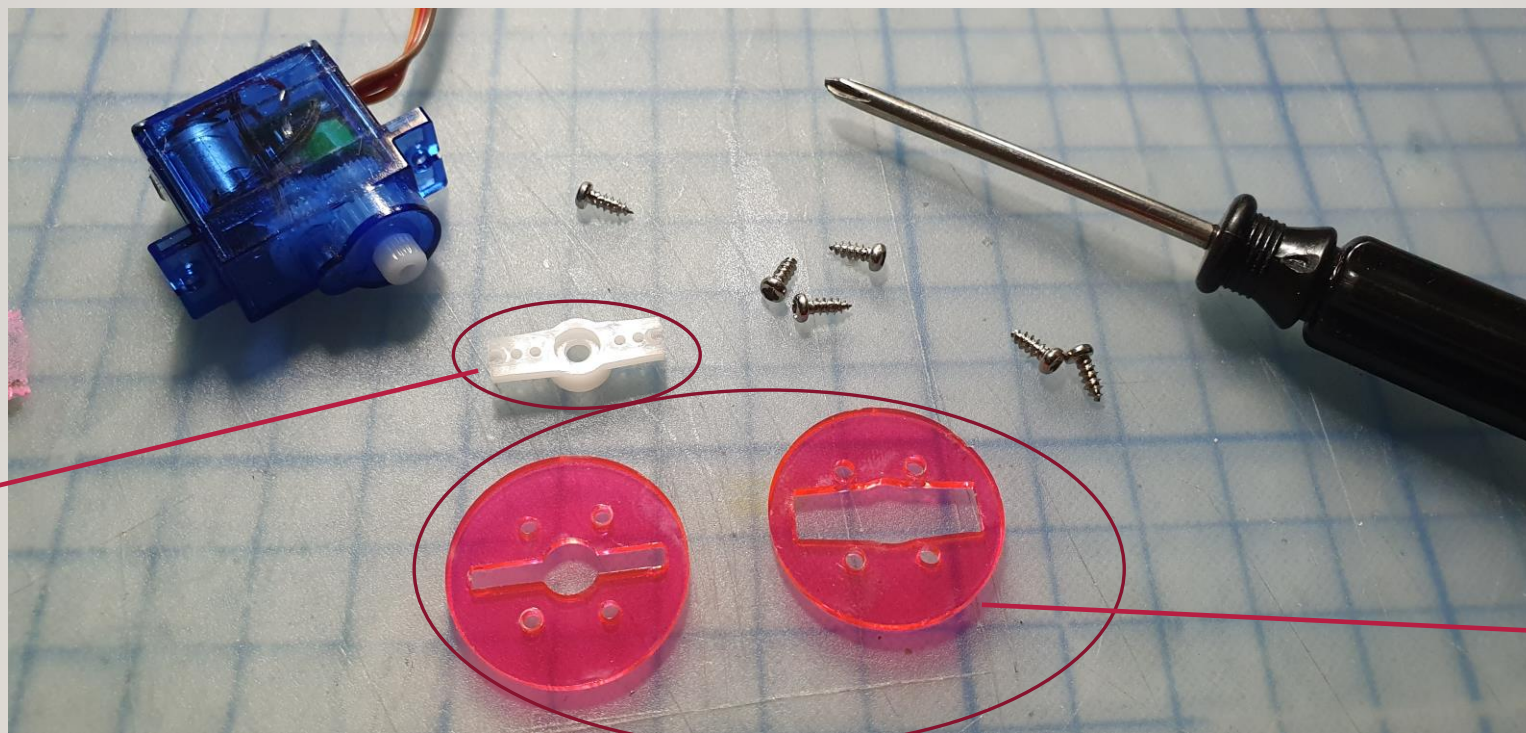
雷切壓克力件

Micro:bit+KSB040電池板+KSB047

360度9G舵機



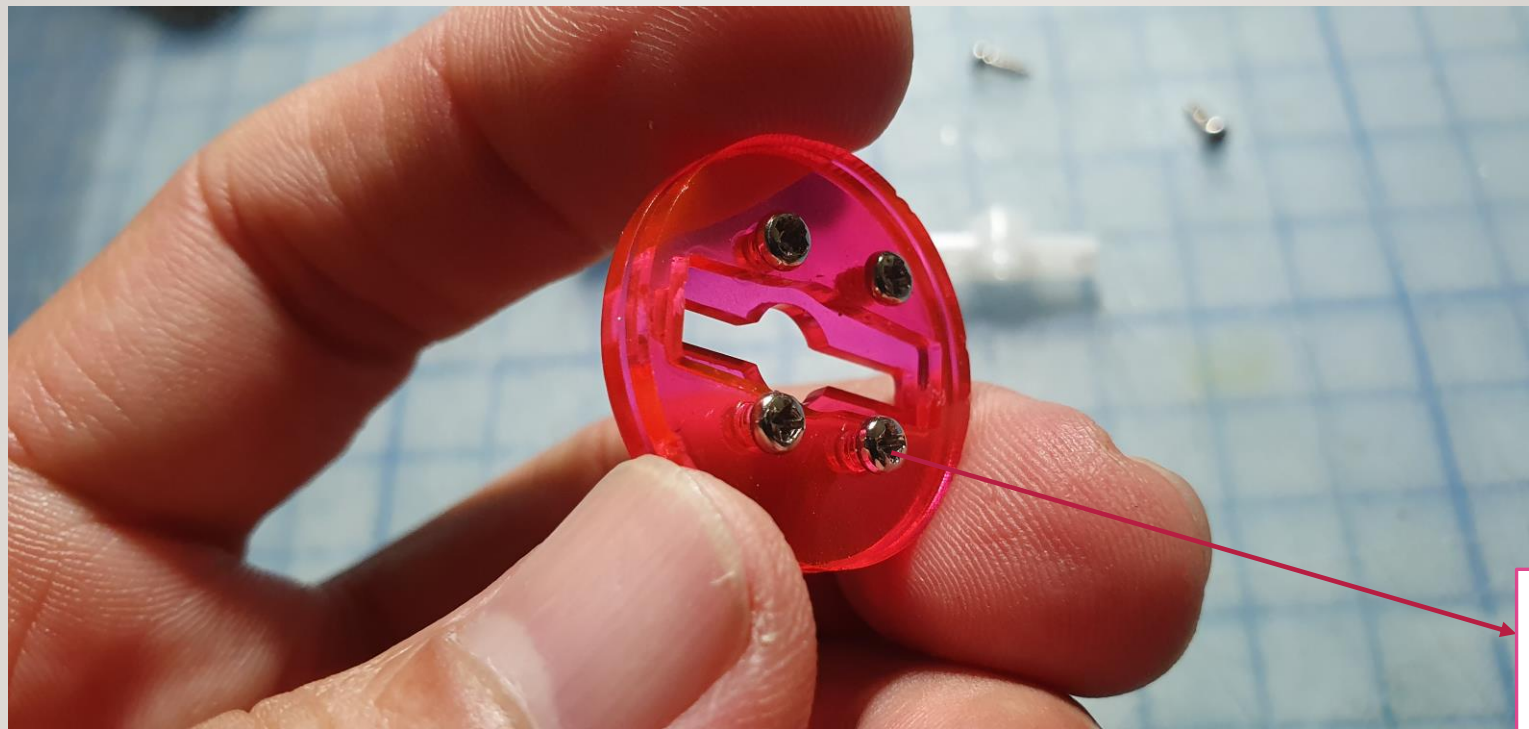
馬達旋轉頭製作（共二組）



舵柄需剪短，兩
邊大約各留三小
孔...

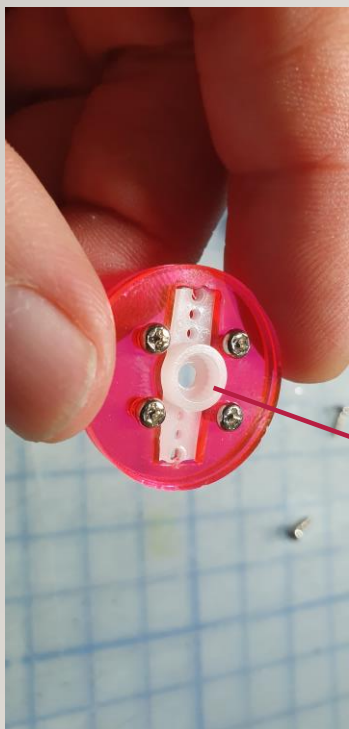
二片壓克力上的
螺絲孔大小不同

馬達旋轉頭製作

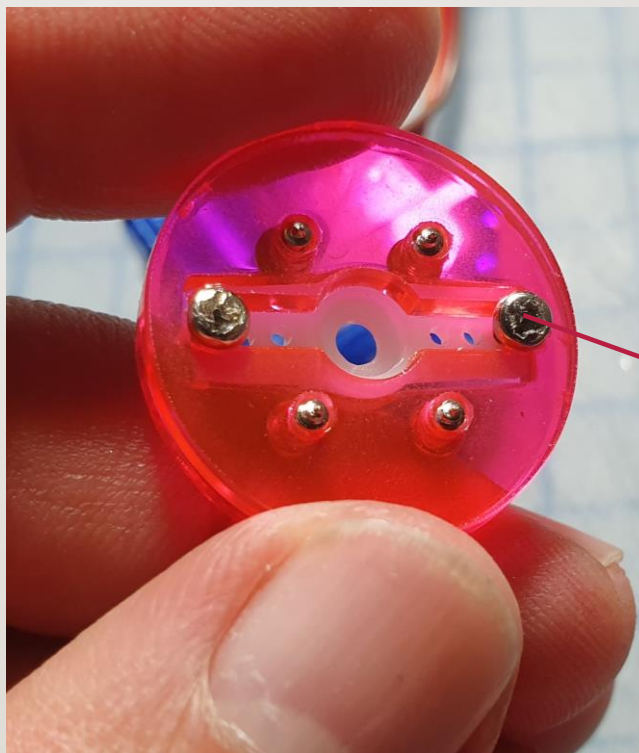


利用m2x5自攻螺絲鎖固二片壓克力件

馬達旋轉頭製作



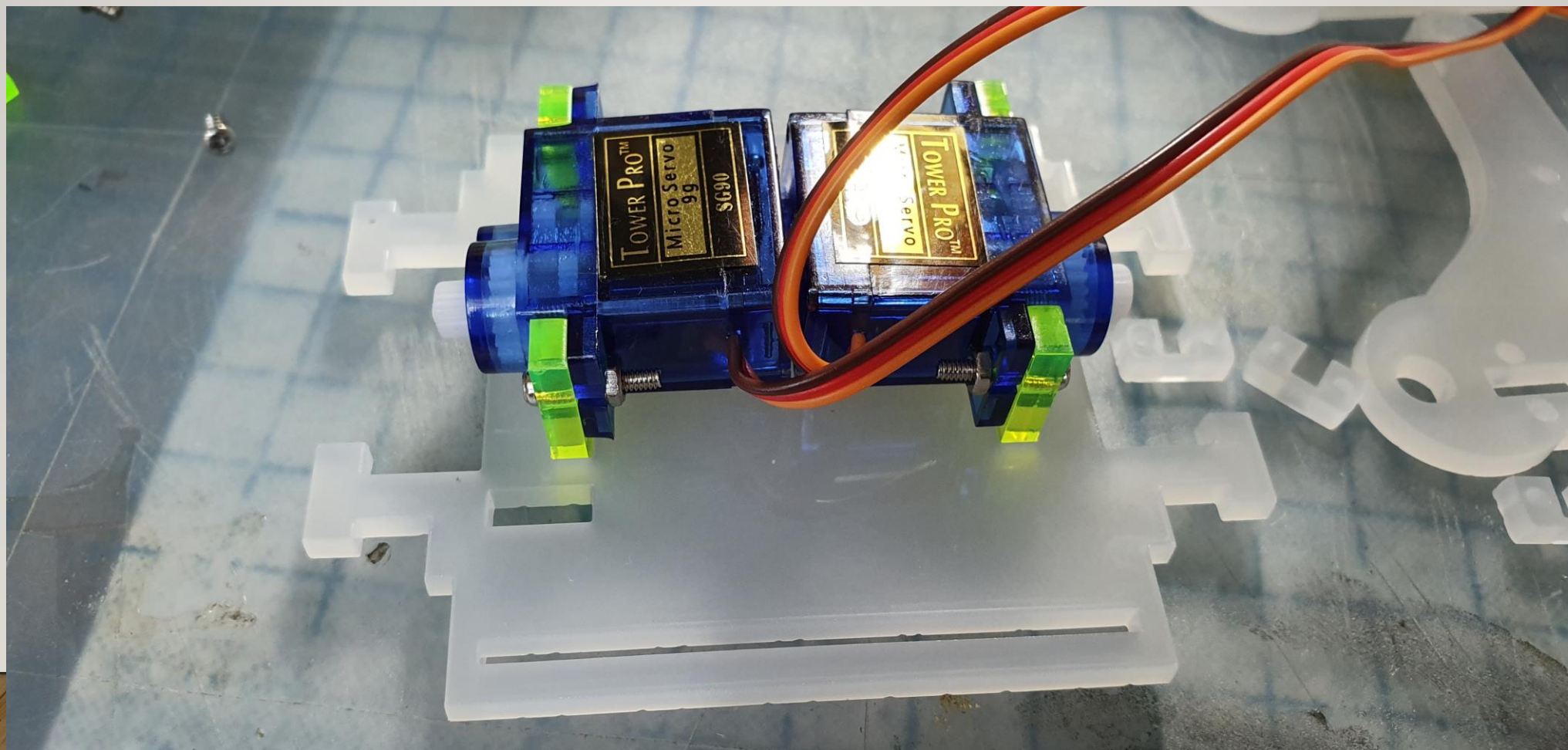
將舵柄放入



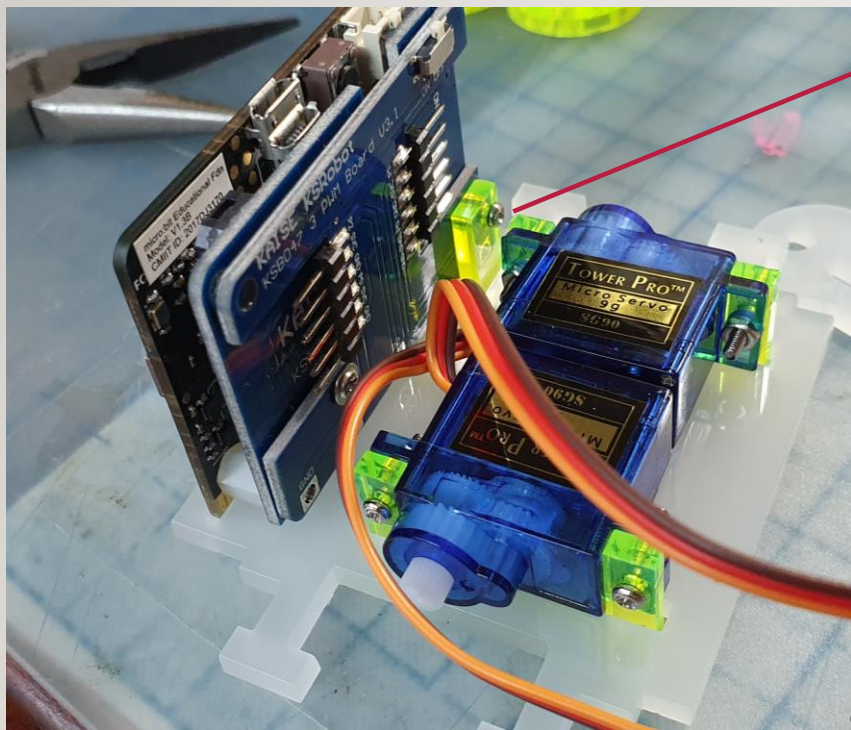
從另一側利用
m2x5自攻螺絲
鎖定舵柄

鎖上舵機

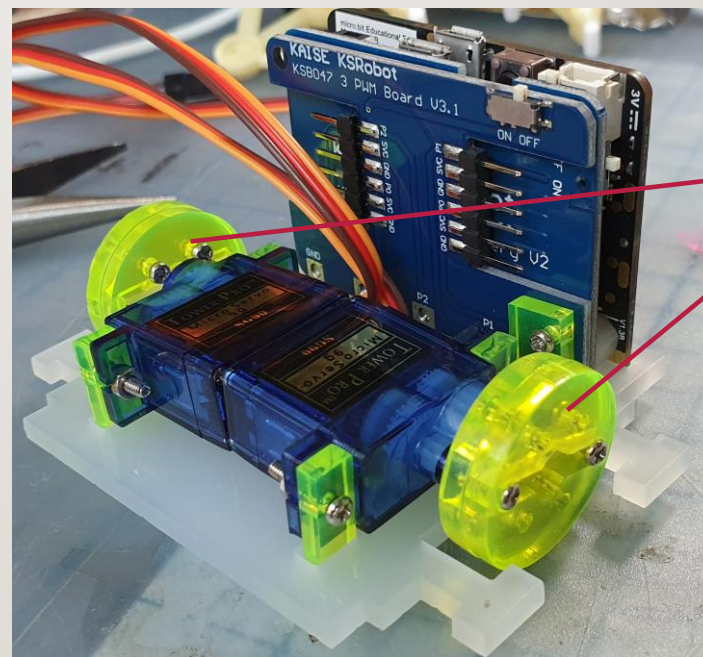
利用L形板從底板下穿出，鎖
上舵機（兩個對向）
M2x10及螺母



鎖上MICRO:BIT主控板



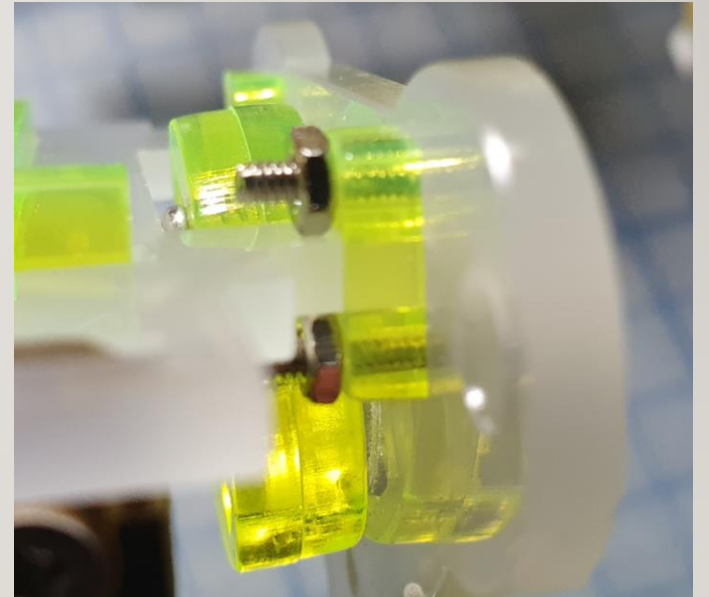
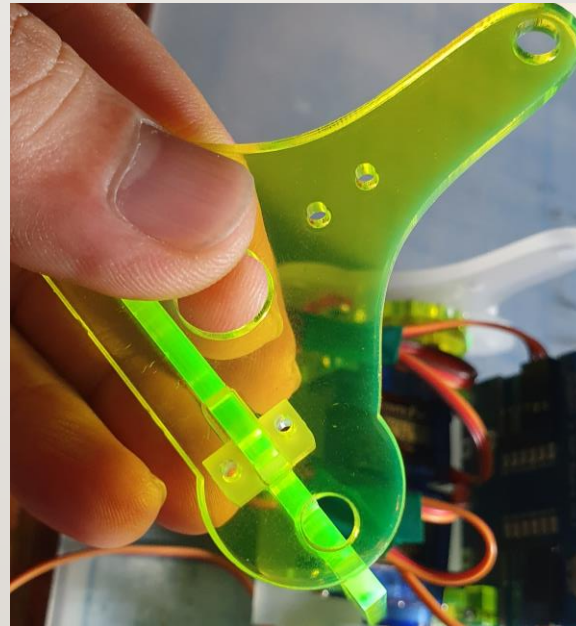
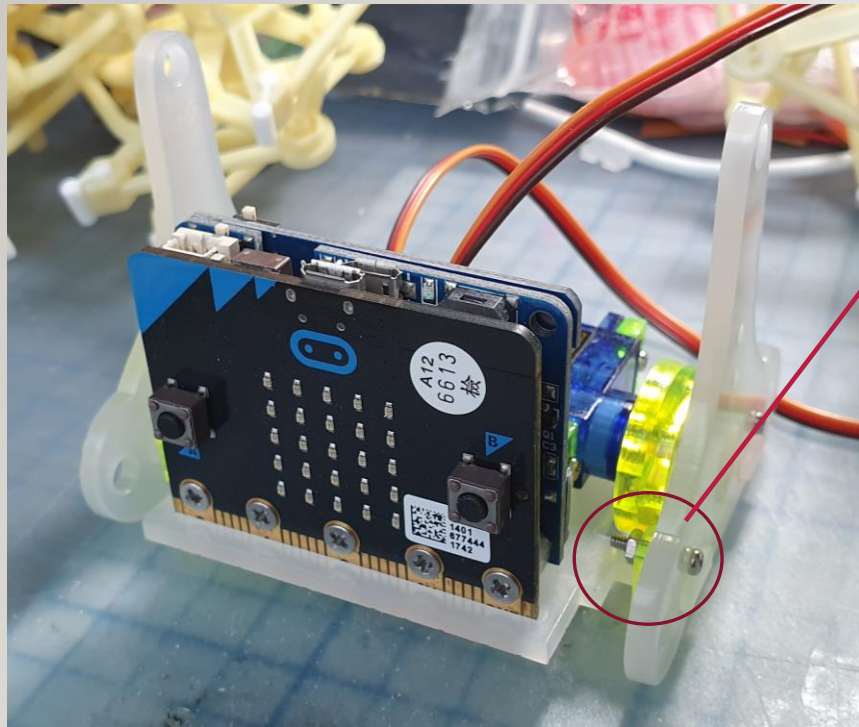
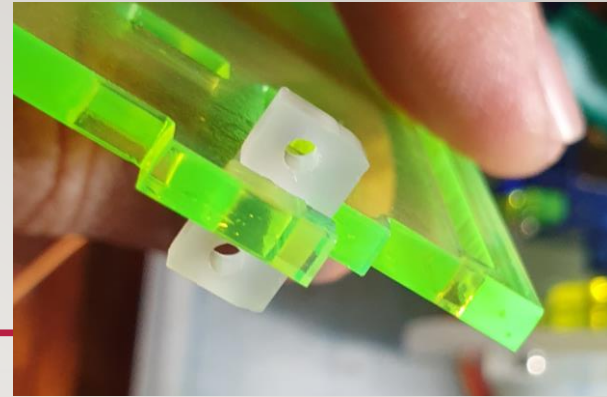
利用L形壓克力可以固定控制板



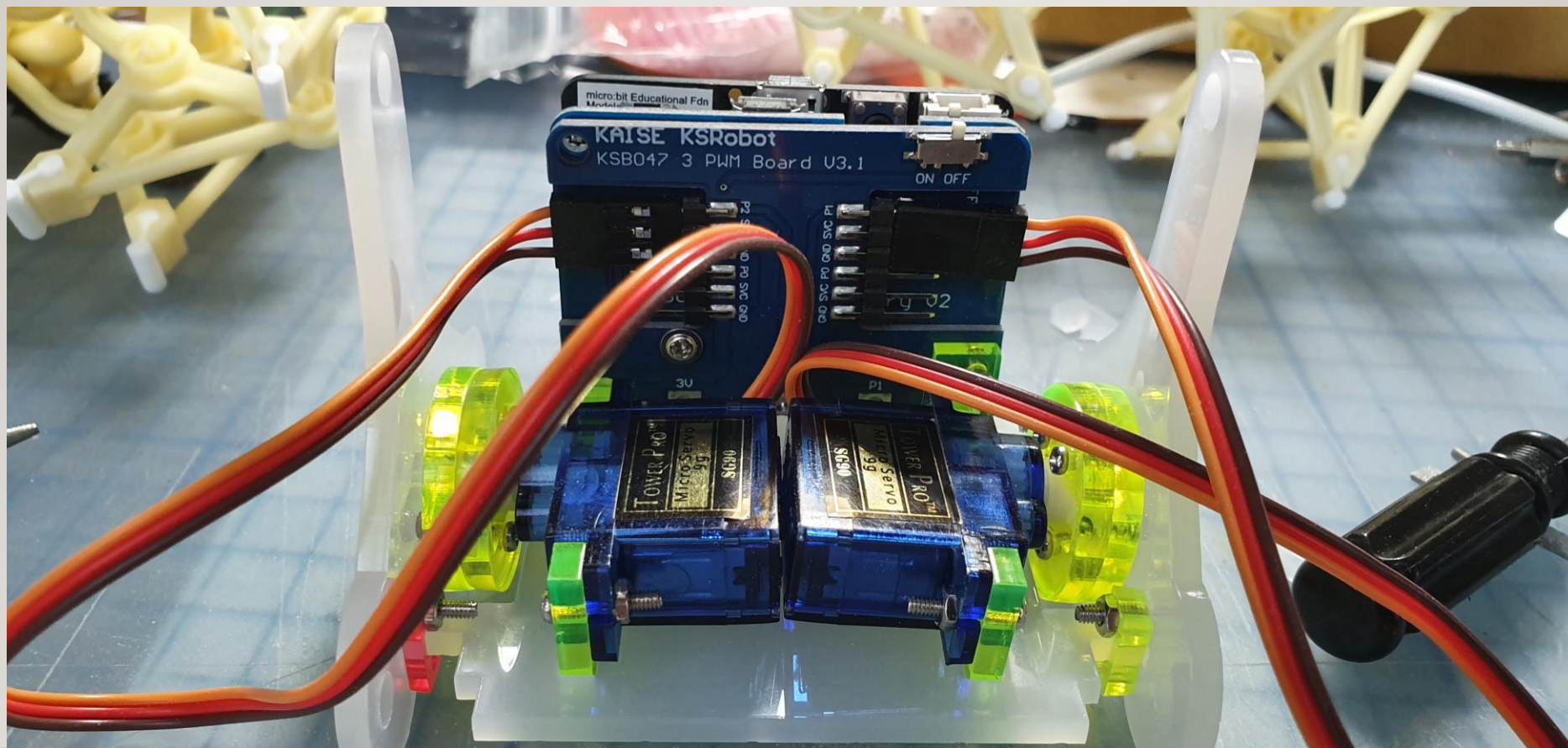
接著將事先組好的馬達轉頭套上舵機

接上兩邊側板

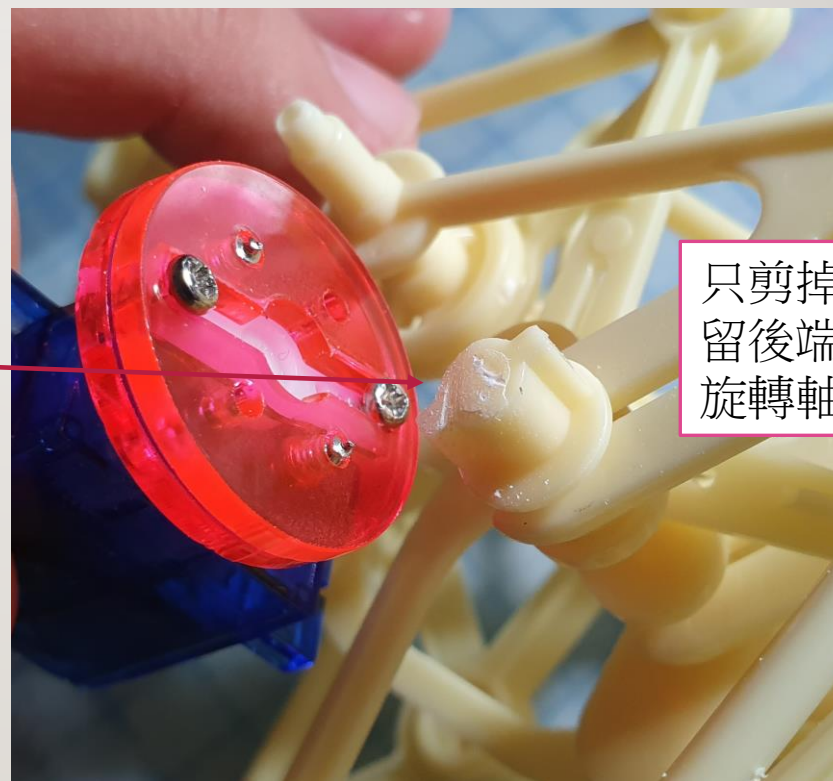
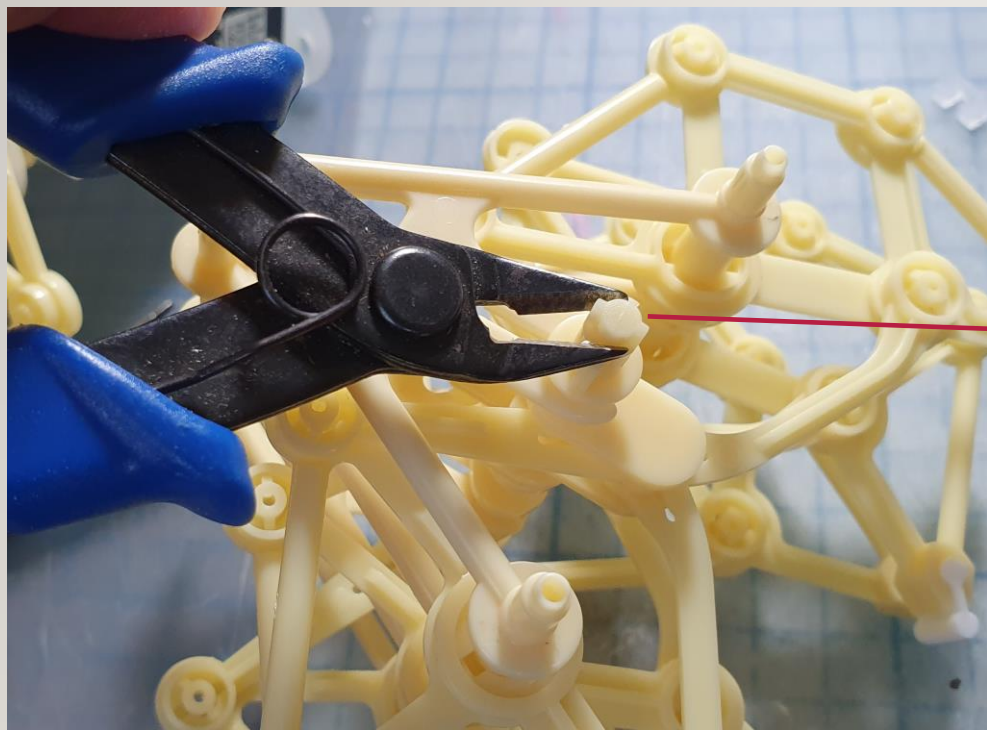
運用凹形片鎖圖側板及底板



接上舵機線到MICRO:BIT主控板（P1&P2）

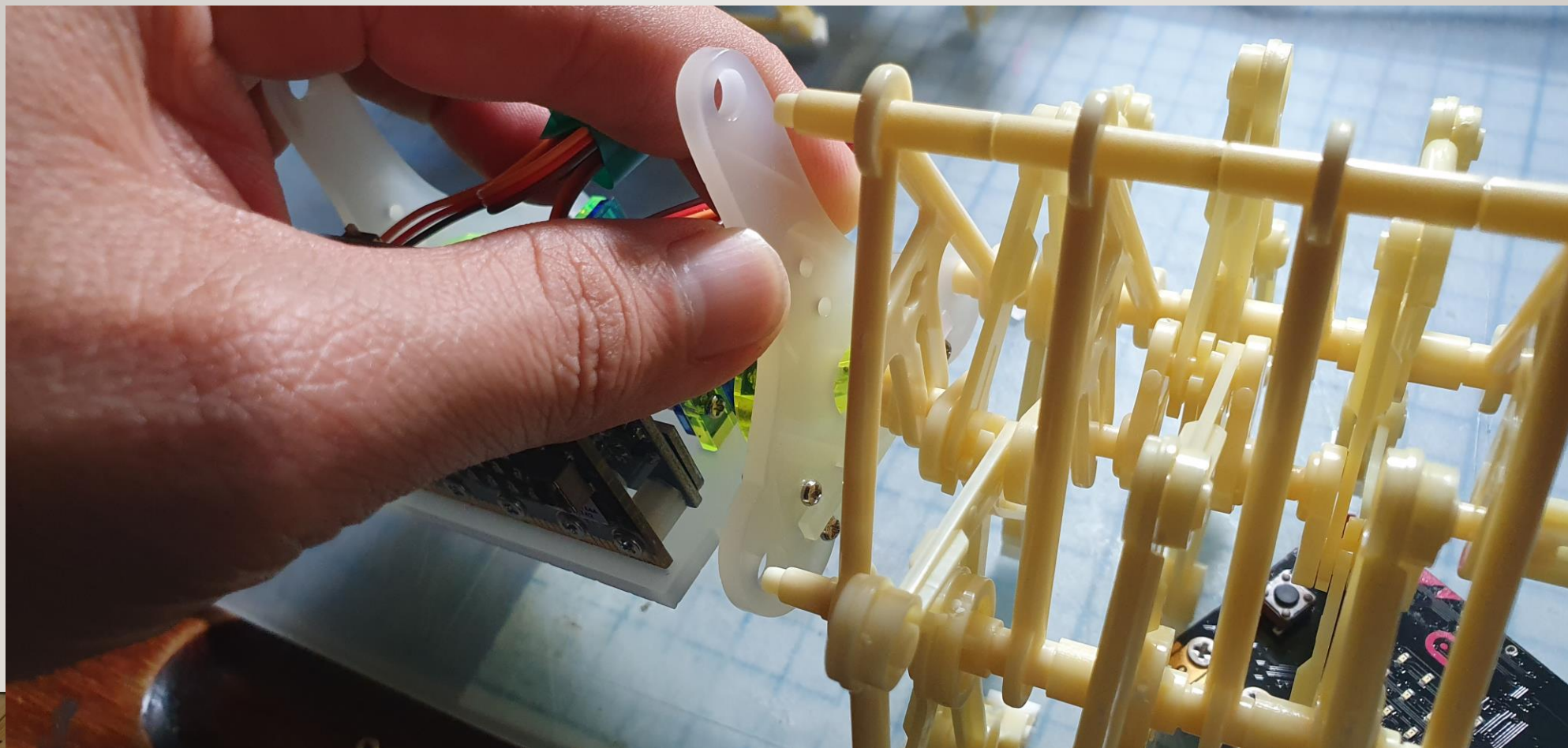


剪掉仿生獸塑件中軸突出點



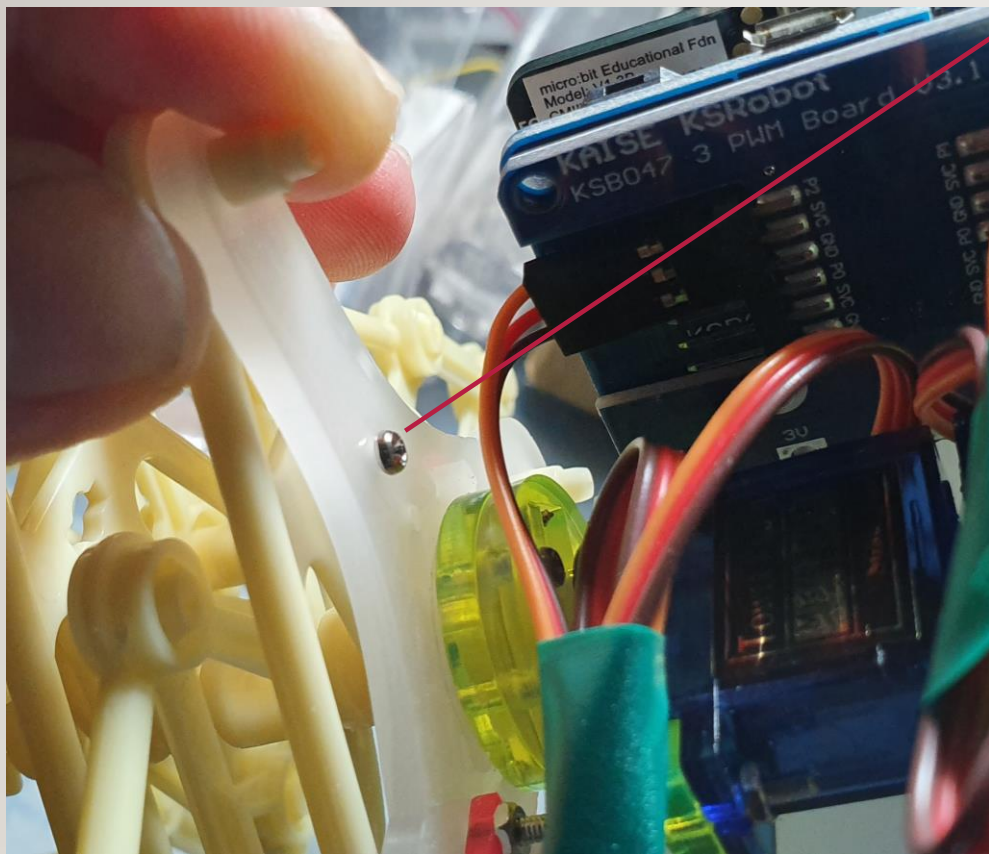
只剪掉前端一點點，保留後端（之後是要塞入旋轉軸內的）

組合仿生獸兩側塑件



組合仿生獸兩側塑件

利用M2X10及螺母鎖定



組好啦！

