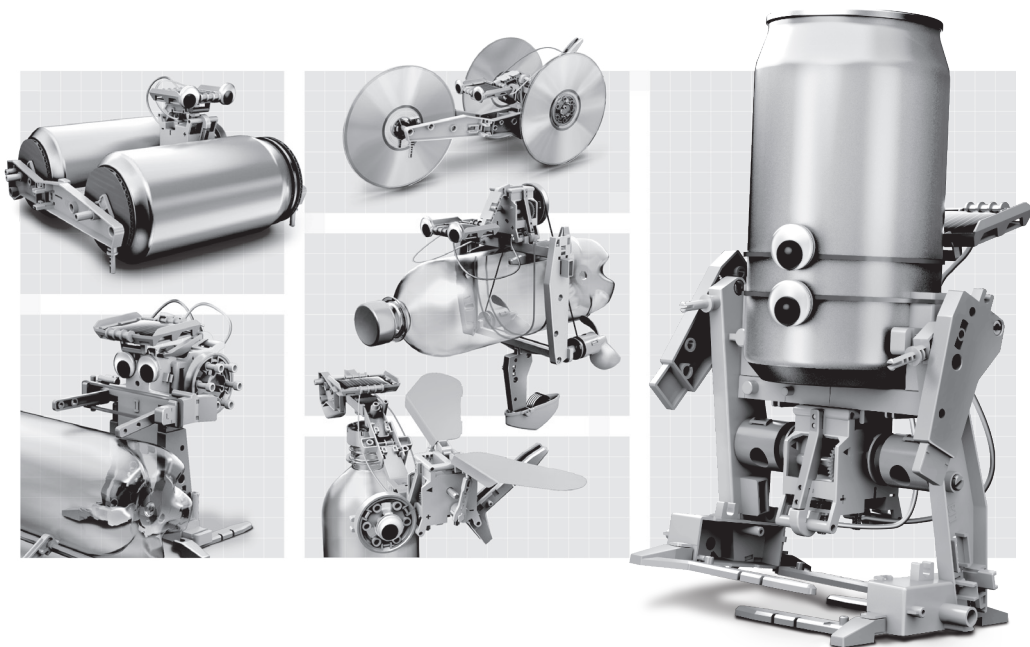


GE-616

Pro'sKit®

SOLAR RECYCLER

太陽能環保六金剛



Assembly & Instruction
Manual
組裝說明手冊

SOLAR RECYCLER

太陽能環保六金剛

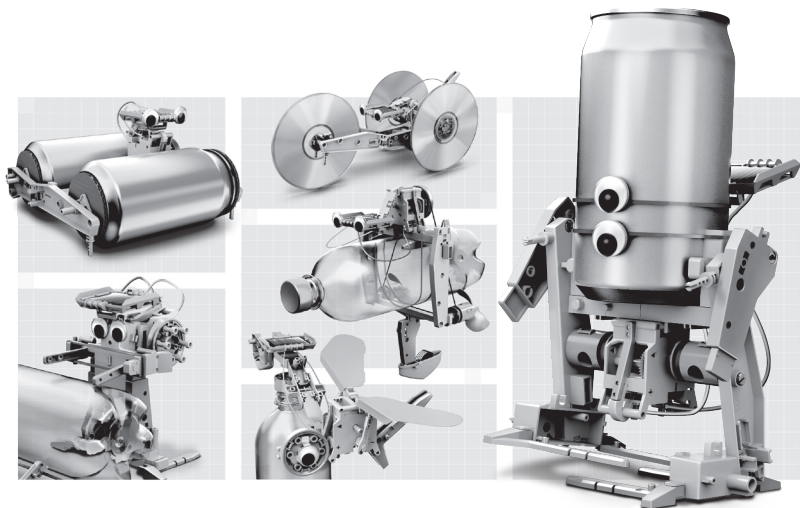
產品介紹

身邊垃圾變黃金，請撿起身邊不用的鋁罐、寶特瓶、CD片…等，馬上變身環保勇士！這是一款獨特設計，喚起孩子環保意識並導入太陽能動力的科學玩具組。組套包含太陽能板、零配件、馬達、說明書。只要利用身邊隨手可得的回收物配合組套就可以輕鬆完成獨一無二的機器人喔！請跟著說明書的簡易圖文教學，讓孩子們將利用易開罐組成壓路機或機器人，使用寶特瓶變身為快艇、打鼓機器人或是飛鳥，還能用CD片組成賽車呢！

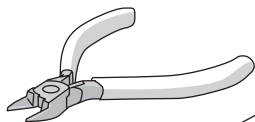
警告：1.本玩具內含小物件，請勿讓三歲以下孩童取得，以免放入口中造成窒息。

2.兒童使用剪切工具時，請家長指導使用方式，並請在家長監督下使用，以免發生意外。

3.為避免嬰兒或兒童產生窒息的危險，請於拆卸後立即將塑膠袋銷毀或遠離嬰兒及兒童。



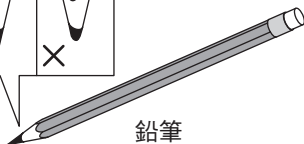
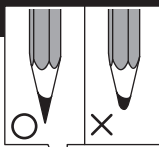
自備工具如下



斜口鉗



剪刀

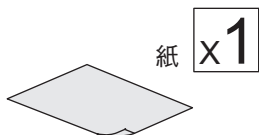


鉛筆



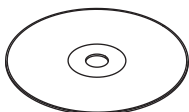
硬幣

所需回收物件如下



紙

x1



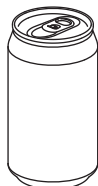
光碟片

x3



保特瓶
500-600ml
管狀瓶身

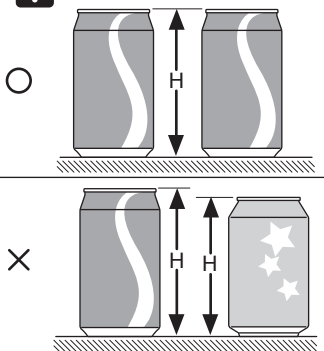
x1



鋁罐
330-355ml

x3

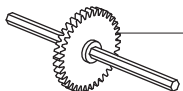
！注意：鋁罐需相同尺寸



零件清單



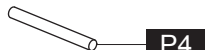
小齒輪(黃色) x1



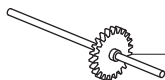
六角軸齒輪組
(綠色)x1



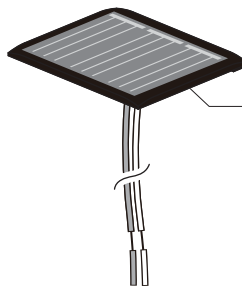
齒輪(橘色)x3



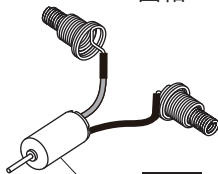
圓軸x2



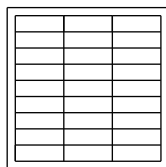
圓軸齒輪組
(紫色)x1



太陽能板x1



馬達彈簧組x1



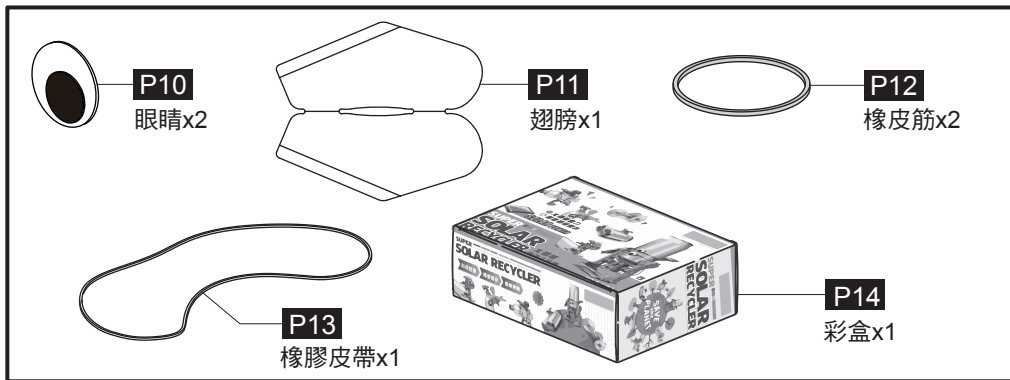
雙面膠x1



泡棉x4

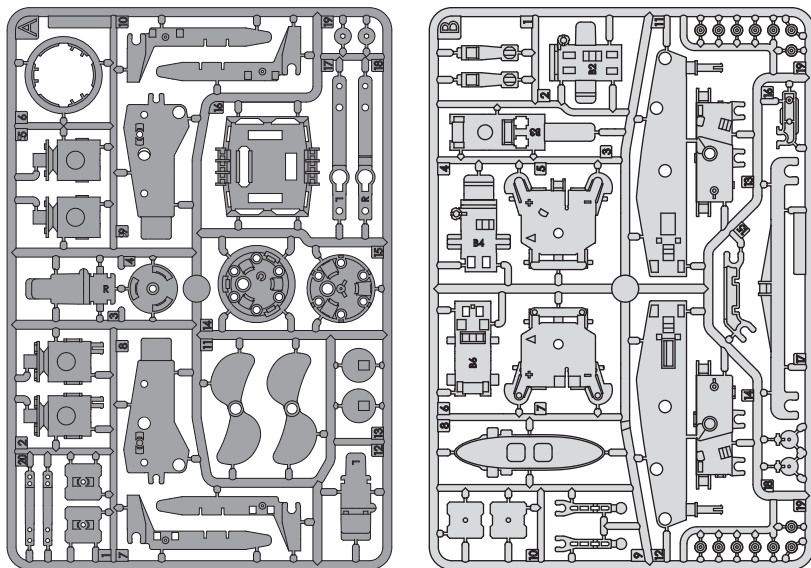


1. 請勿將電線連接到其他電源或牆上插座。
2. 部分零件含有銳利的邊緣及尖角，組裝時請注意。



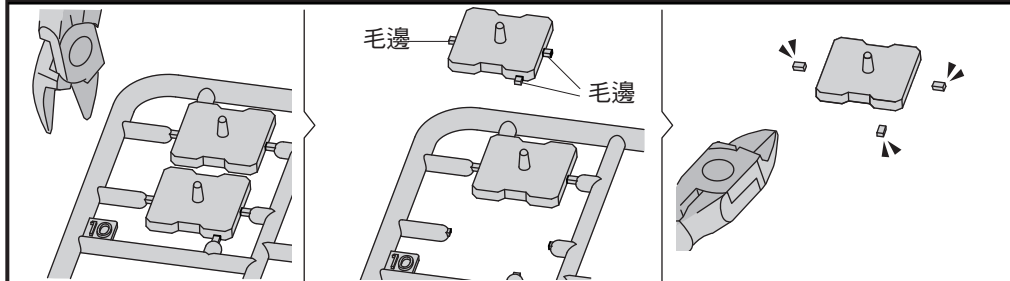
塑膠模型零件

請依照組裝步驟將所需的零件剪下，以免組裝時造成零件混淆。

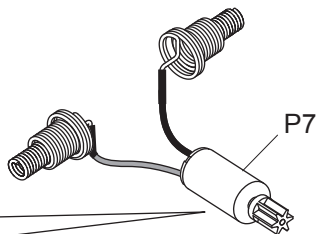
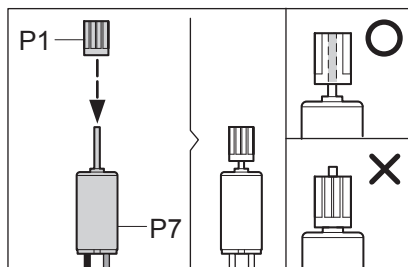


小技巧

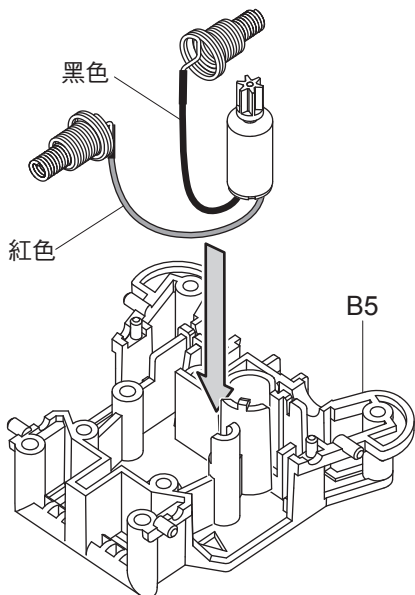
請剪下零件時請將毛邊剪切乾淨，以免產生間隙影響組裝。



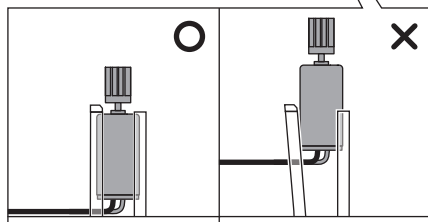
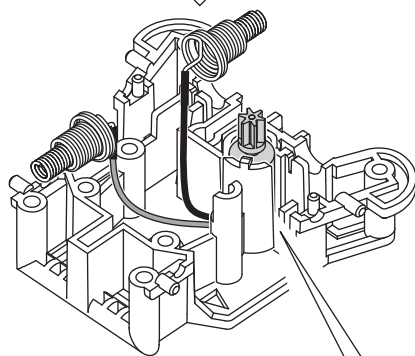
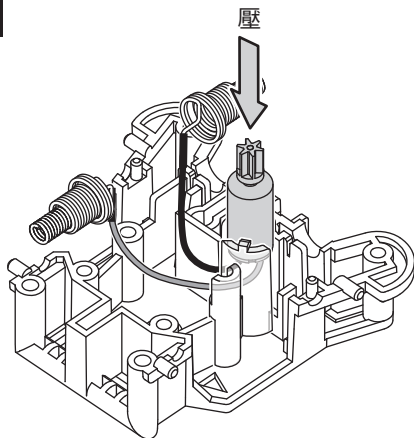
1

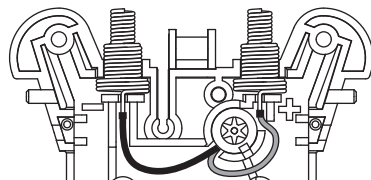
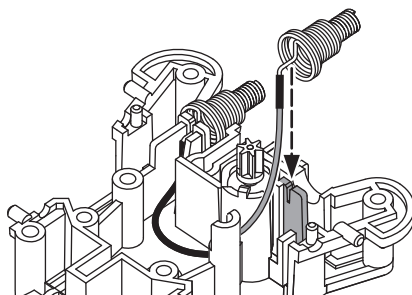
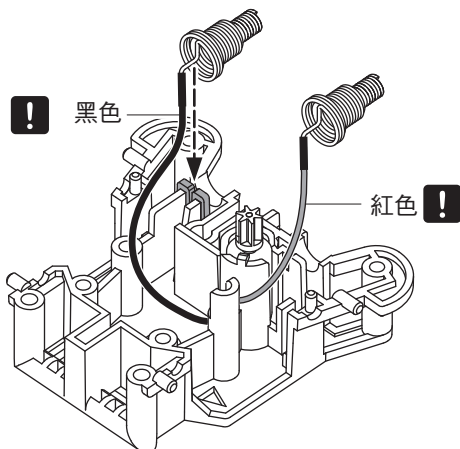


2

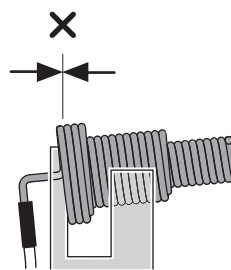
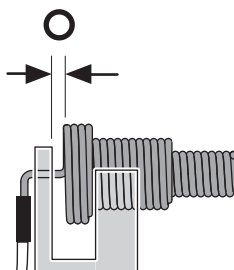
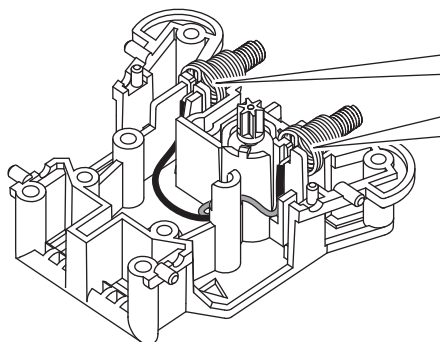


3

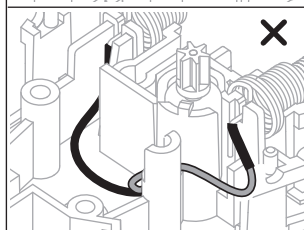
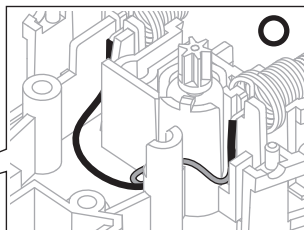
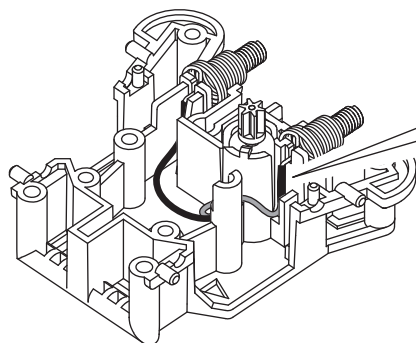




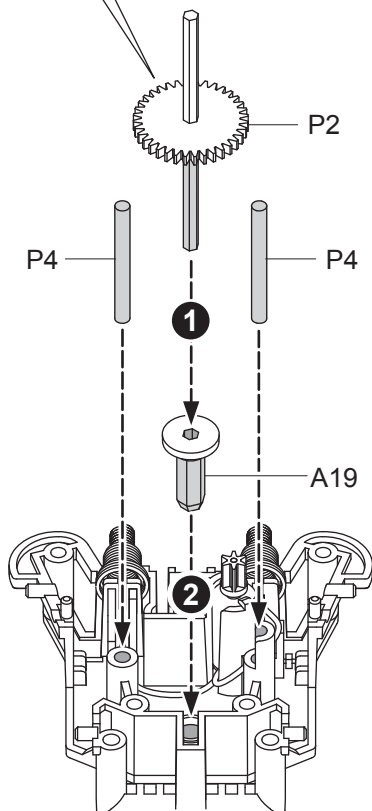
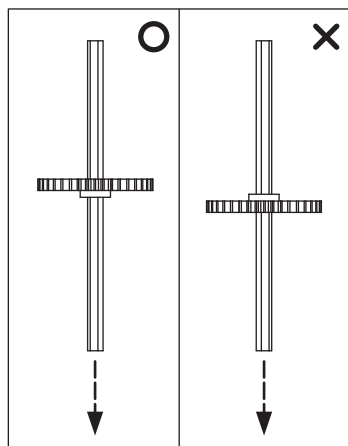
上視圖



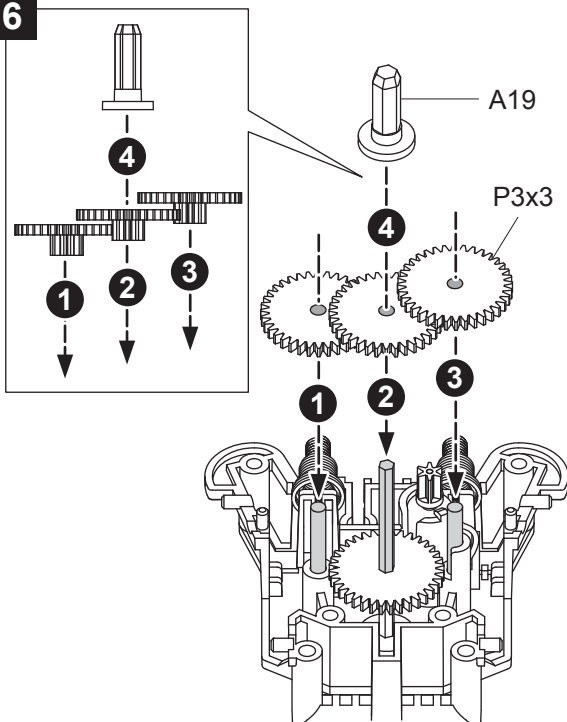
側視圖



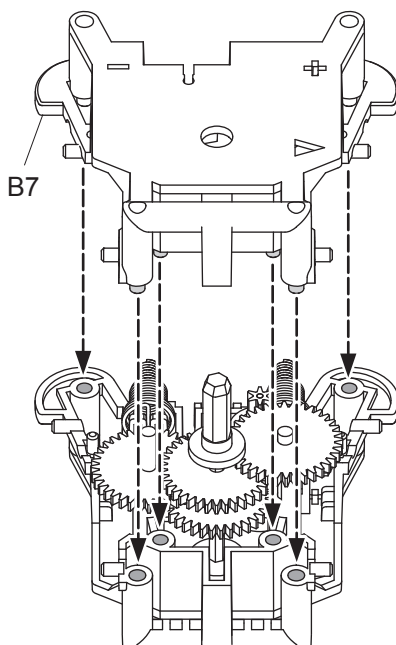
5



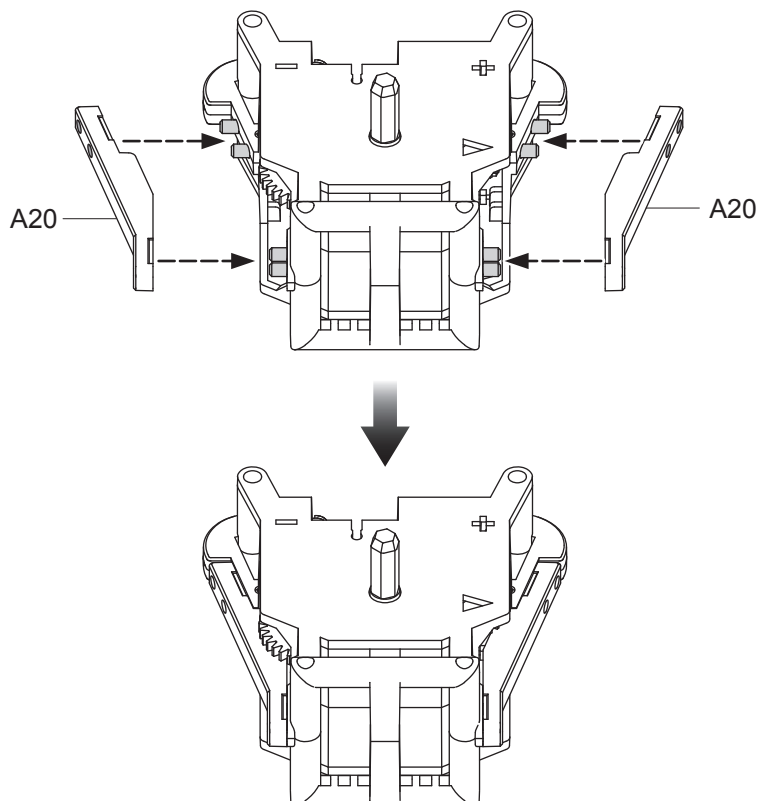
6



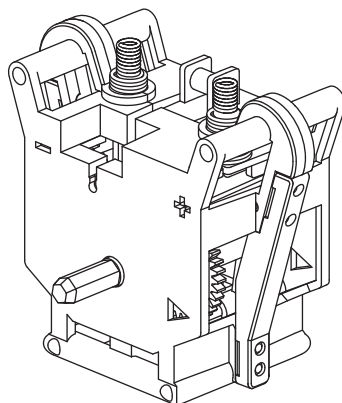
7

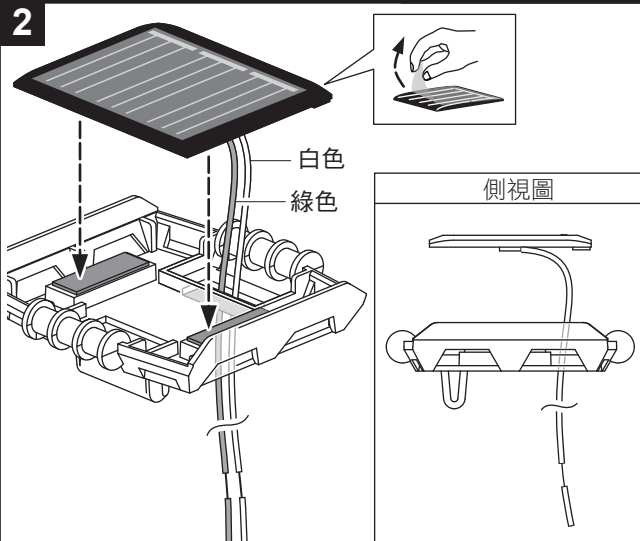
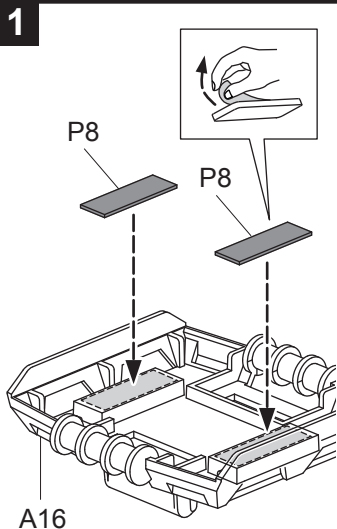


8

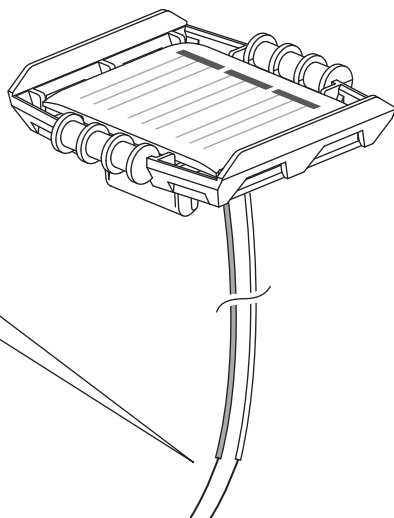
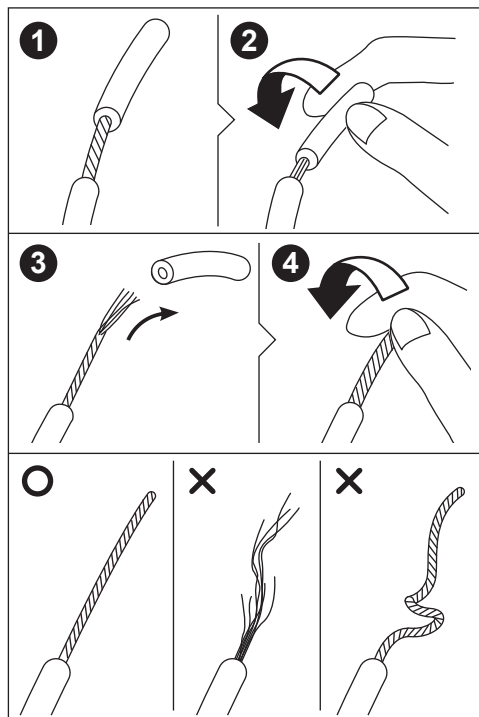


9 完成



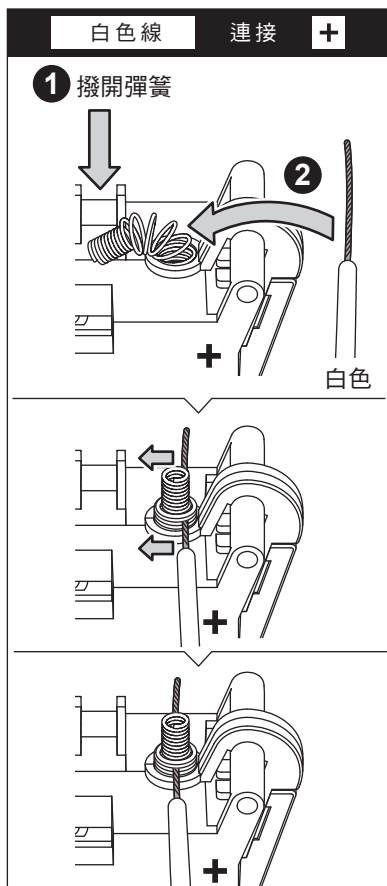
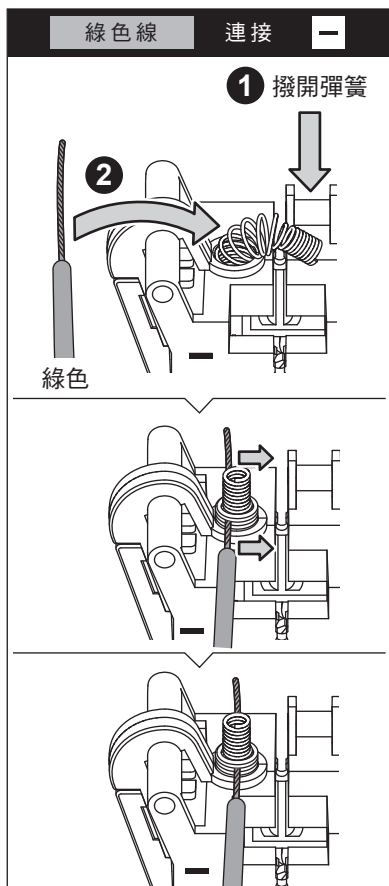
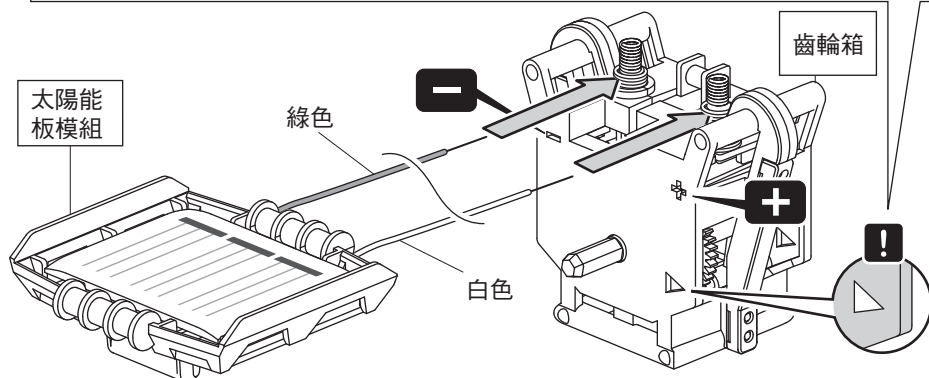


3 完成

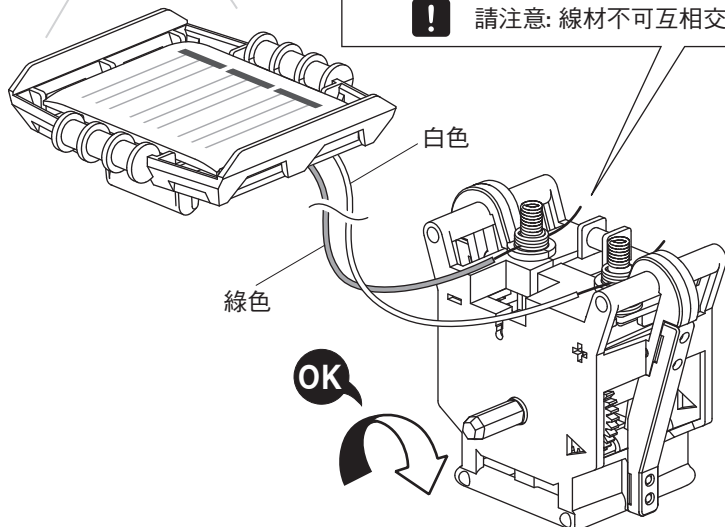
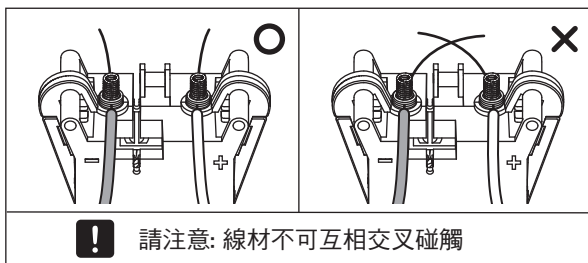
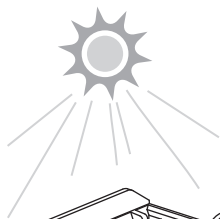


啟動齒輪箱方式

- 1** **!** 請先在齒輪箱上找到”◁箭頭”，並確認是否朝向正確方向，此箭號有助於之後正確安裝零件。

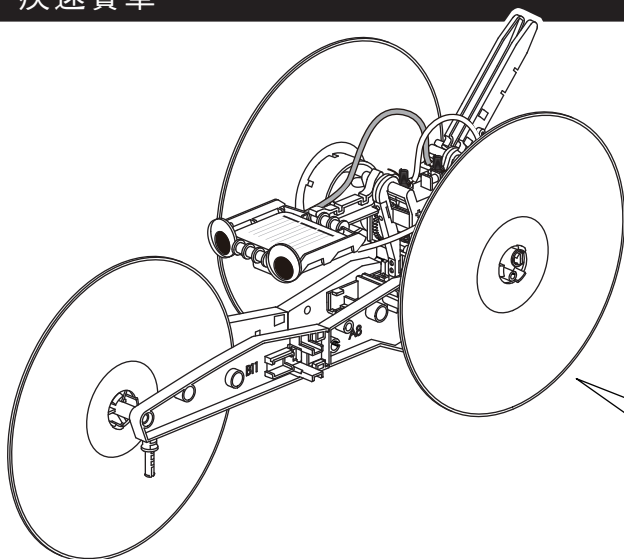


2 完成



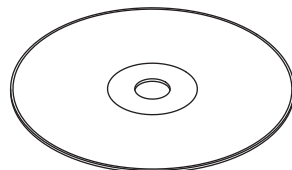
疾速賽車

組裝與遊玩



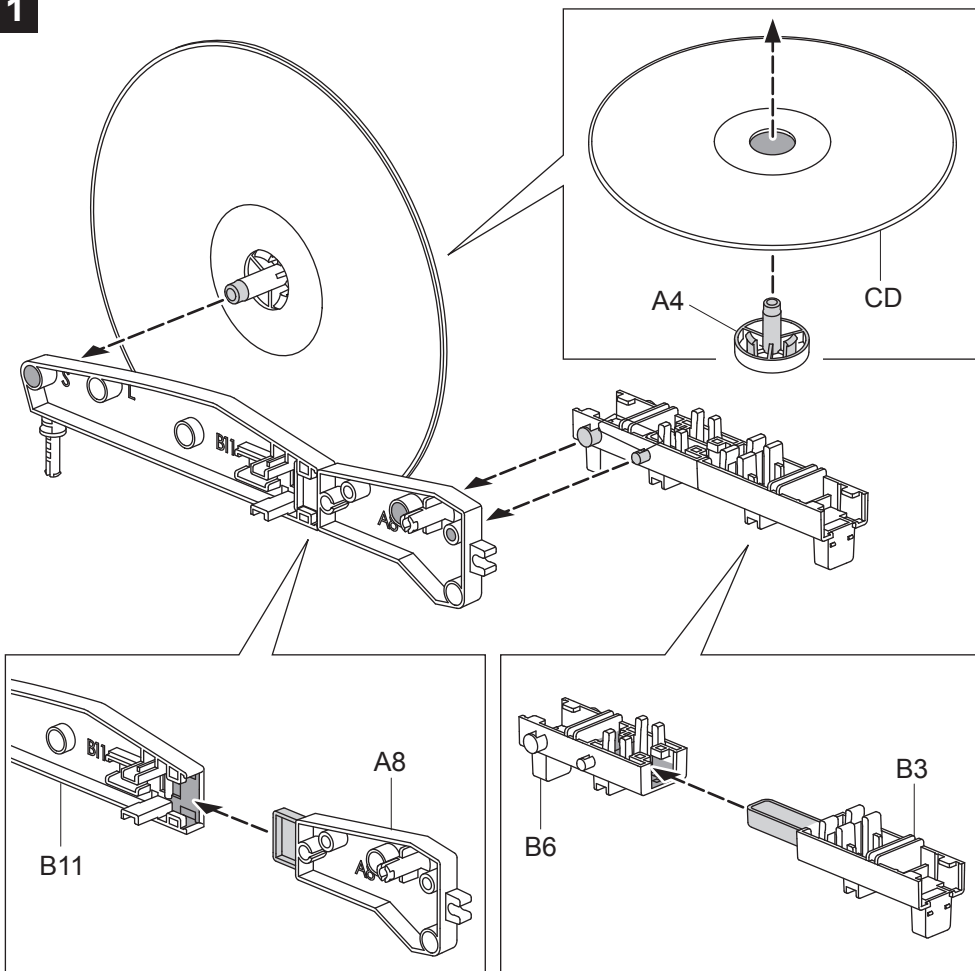
所需回收零件

CD

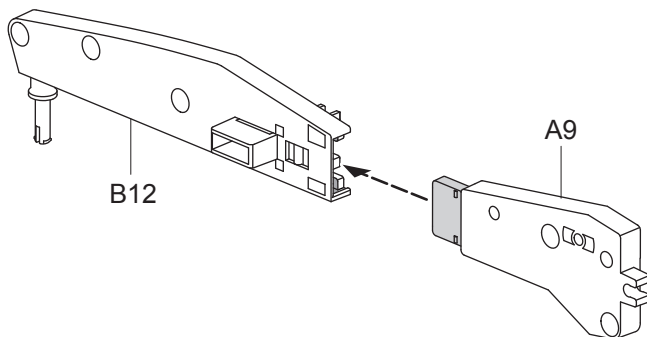


x3 個

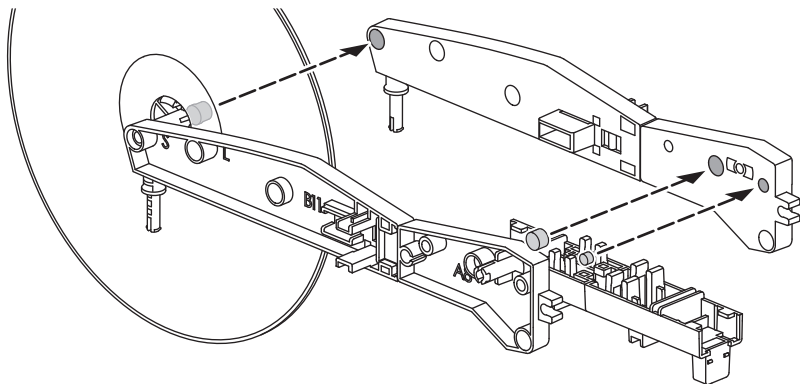
1



2

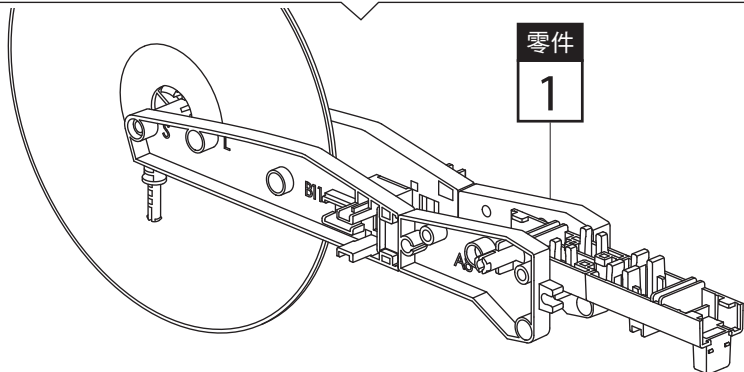


3

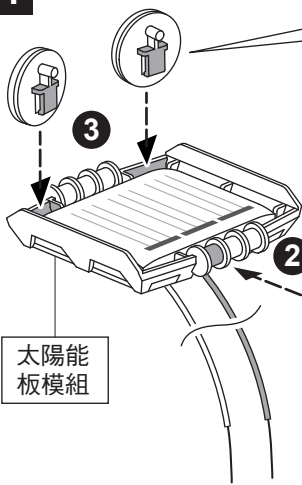


零件

1

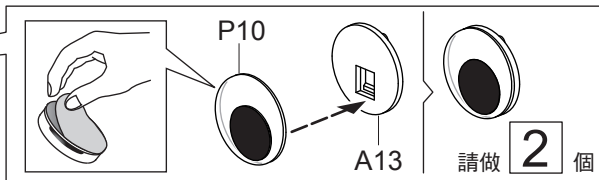


4

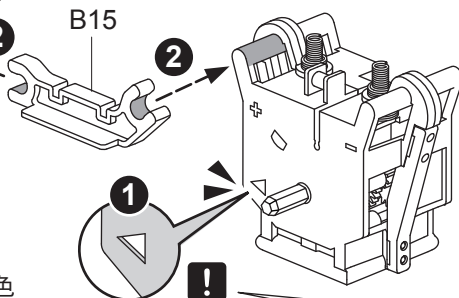


太陽能板模組

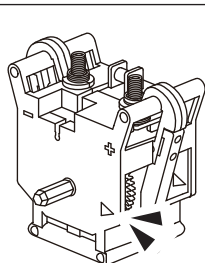
白色 綠色



B15

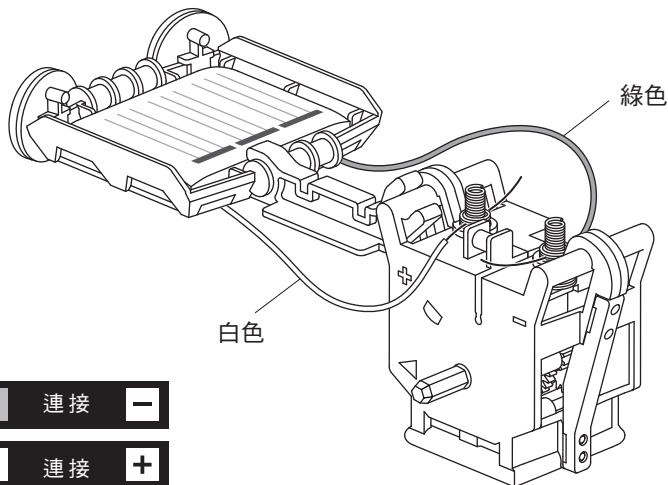


齒輪箱

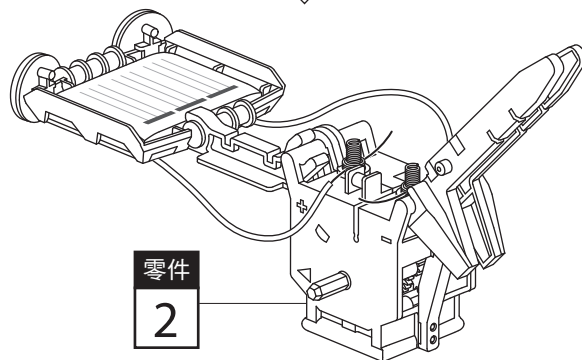
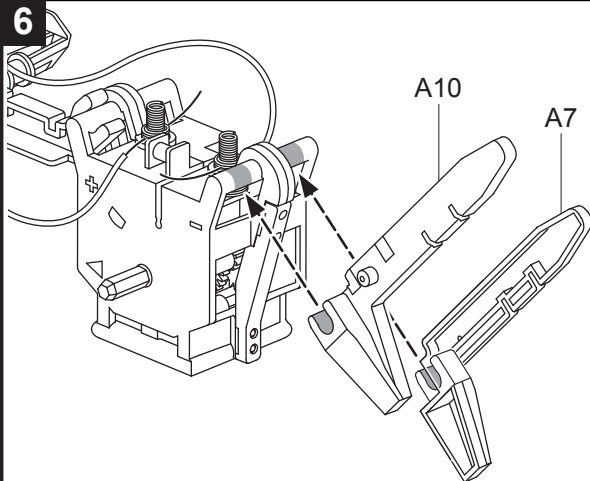


×

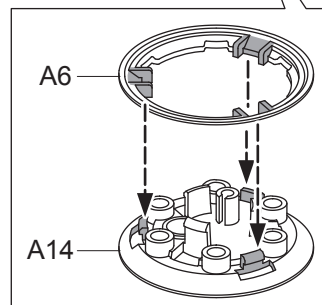
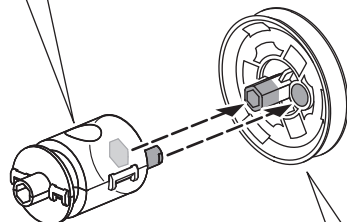
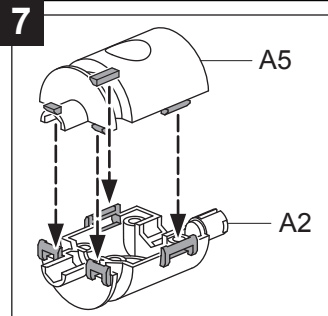
5

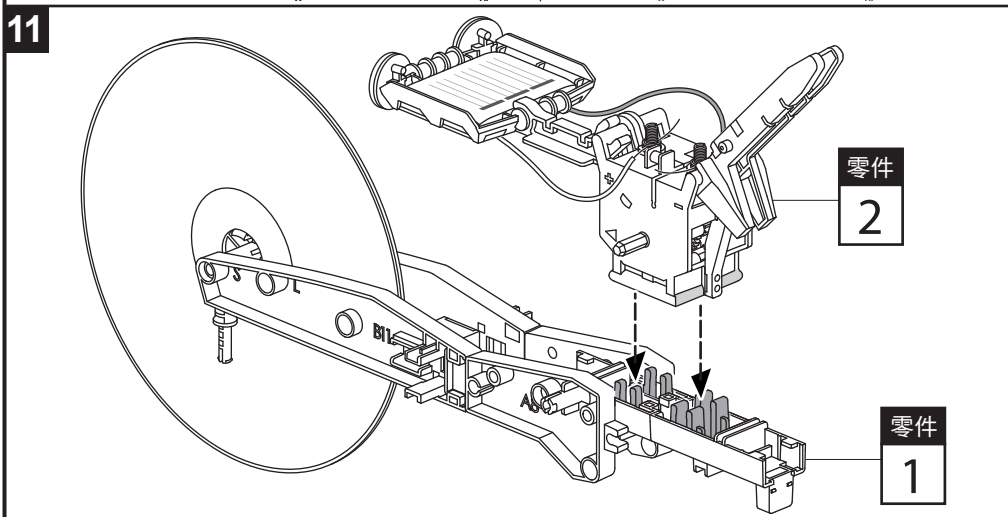
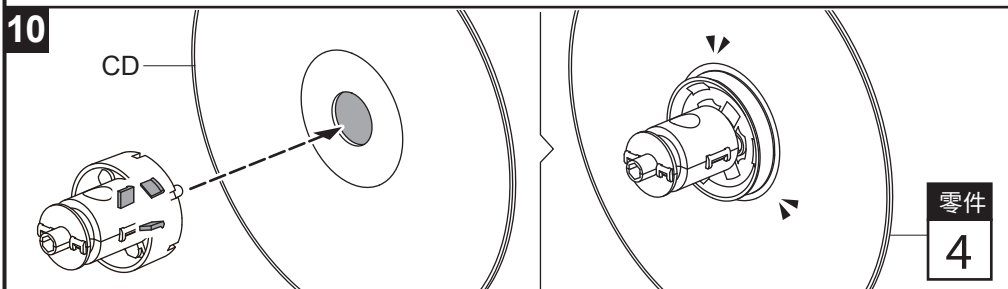
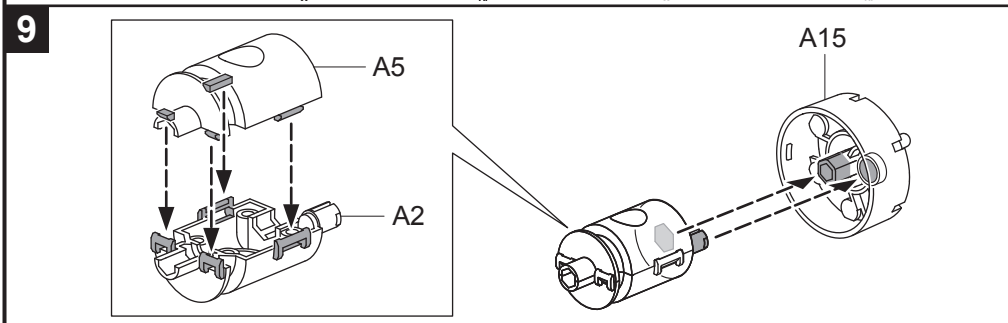
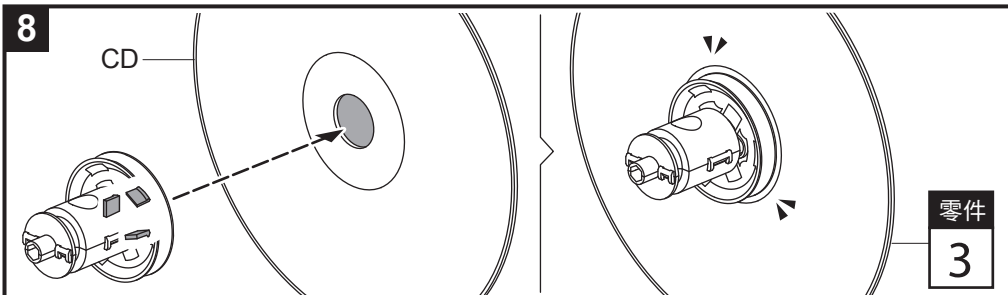


6

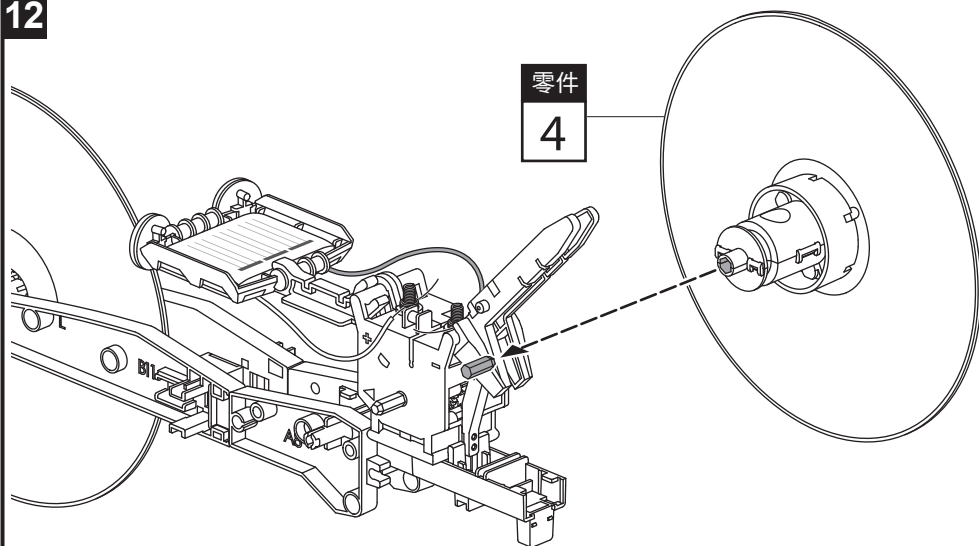


7

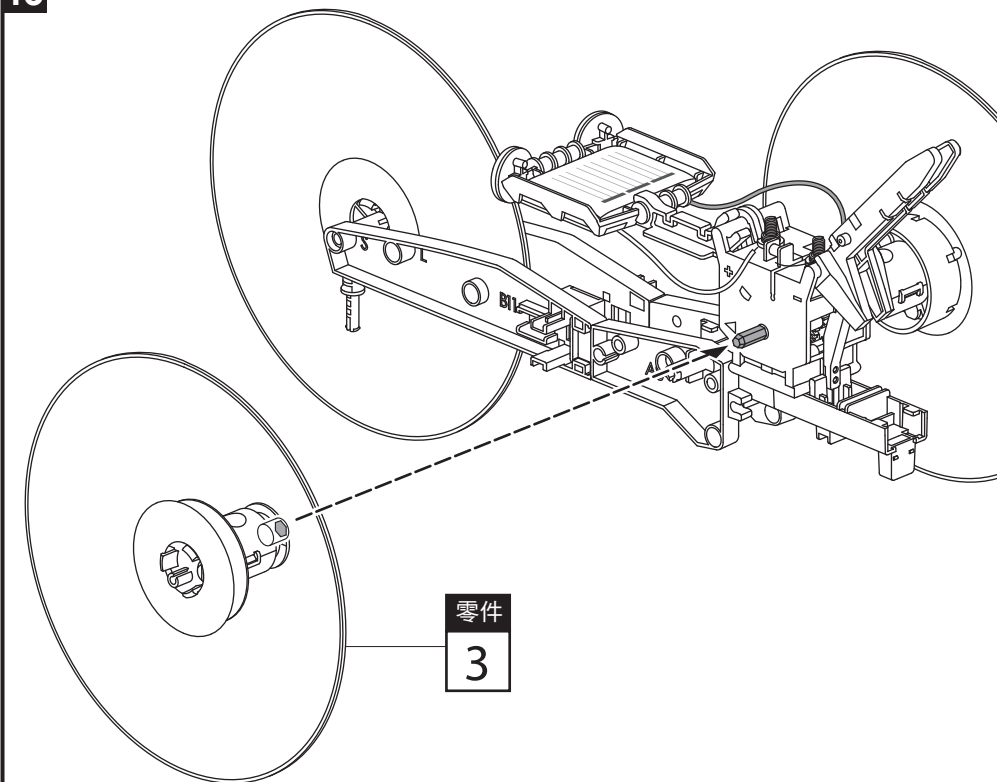




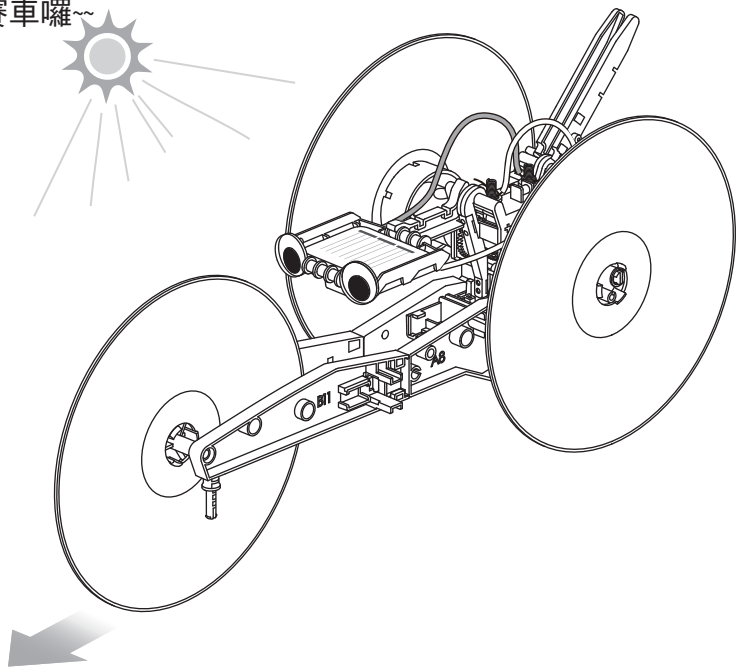
12



13



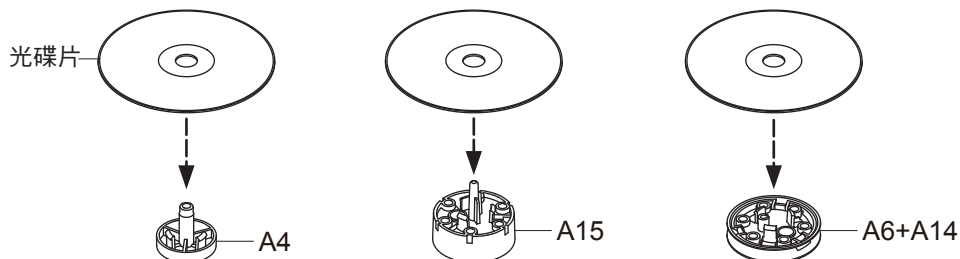
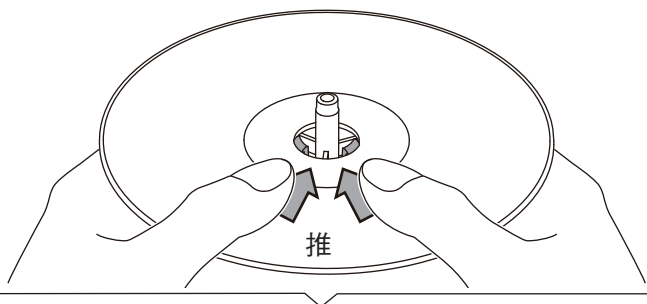
14 開始賽車囉~~

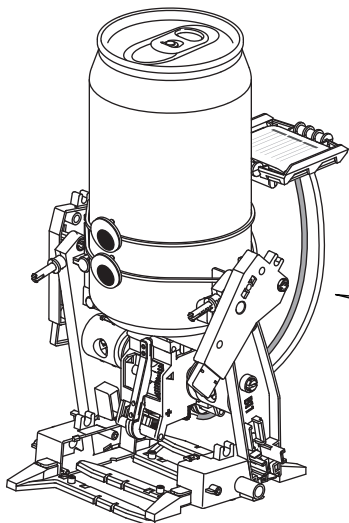


拆解

光碟片和塑膠零件

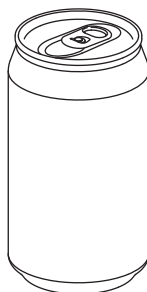
將光碟片如下圖所示從塑膠軸移除。將A4從前輪拆下，再將後輪A15或A6+A14拆下。





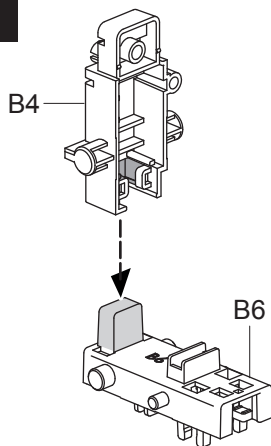
所需回收零件

鋁罐
(330-355ml)

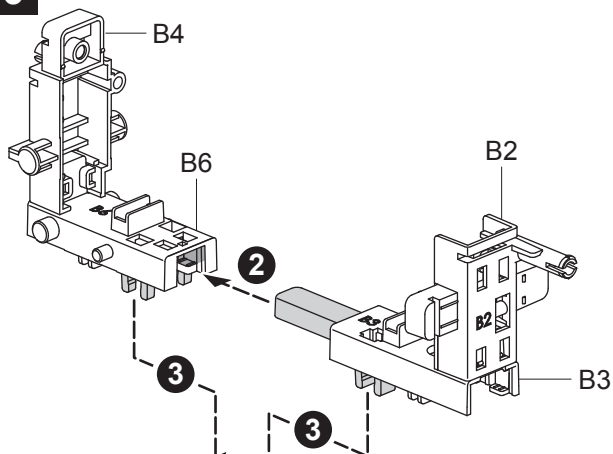


x1

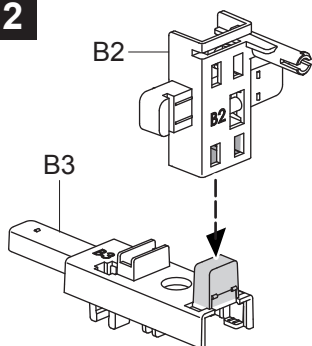
1



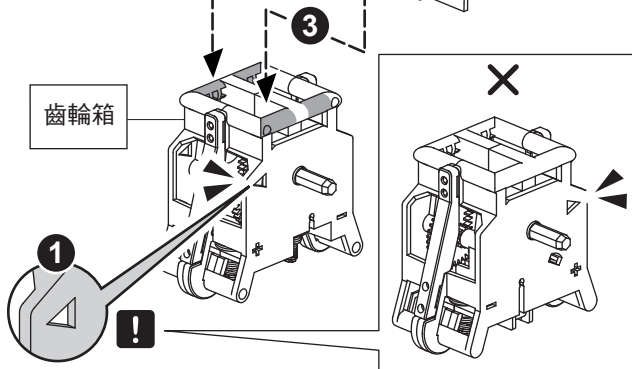
3

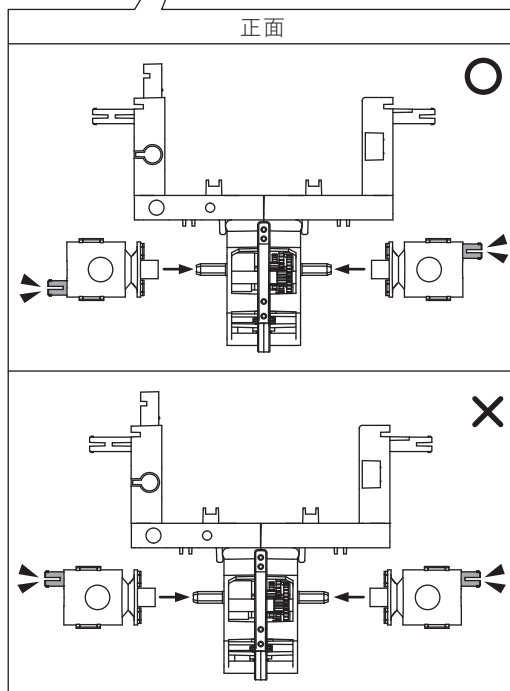
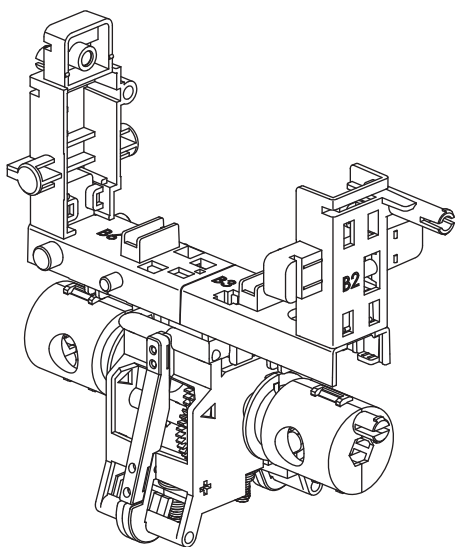
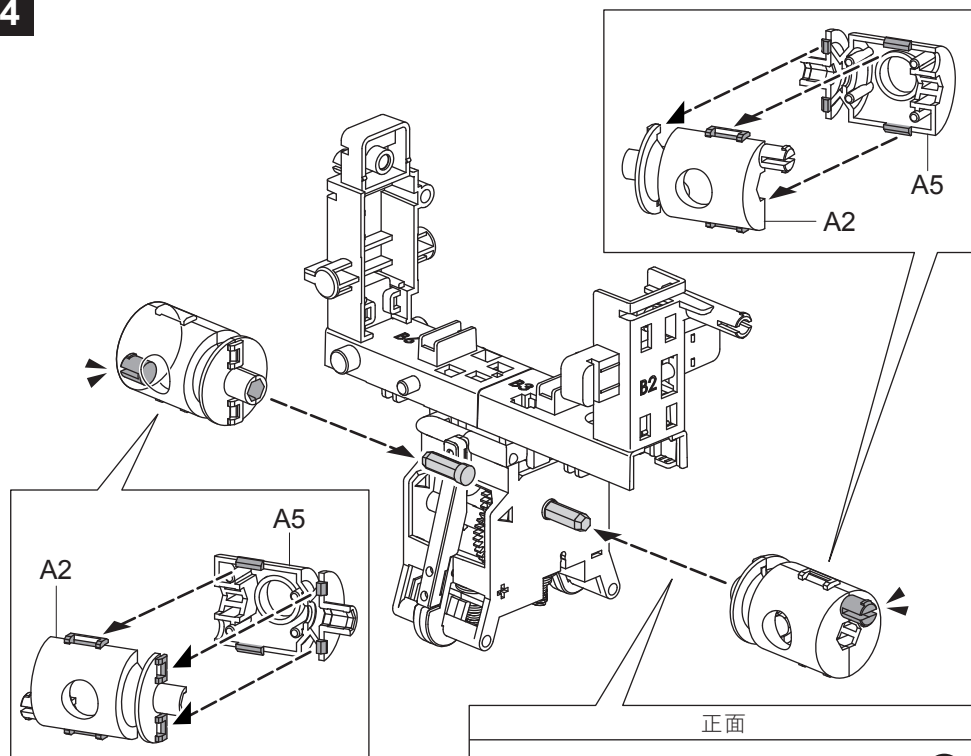


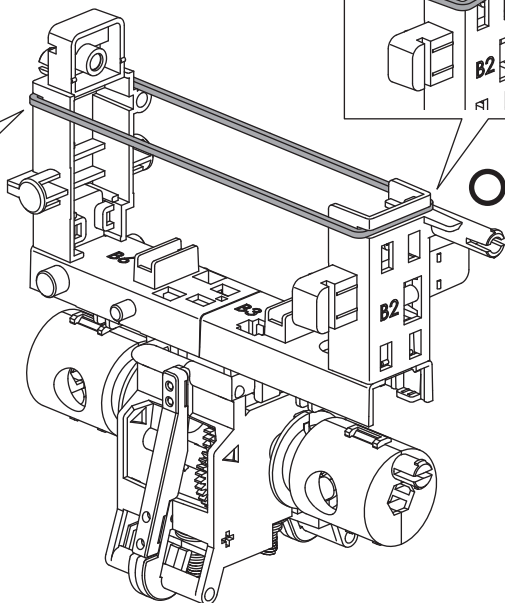
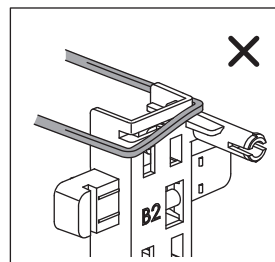
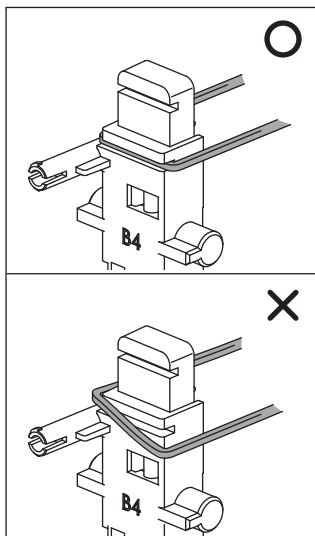
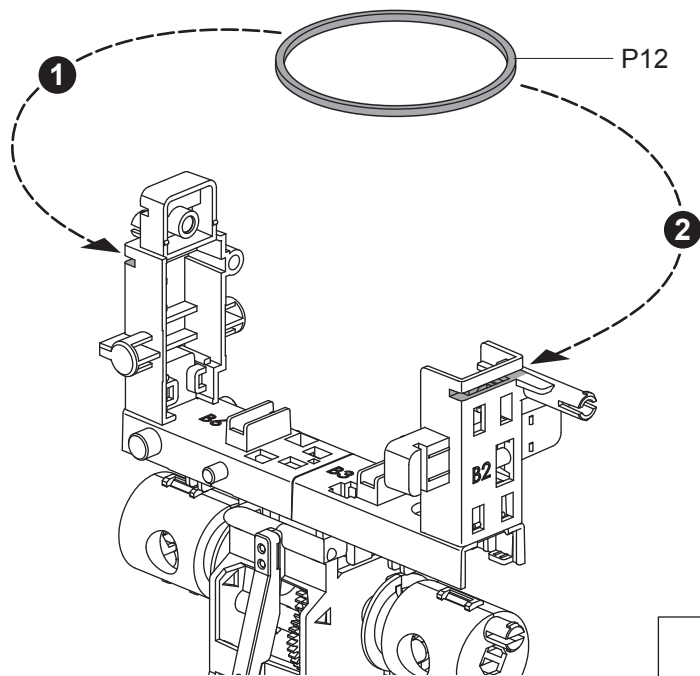
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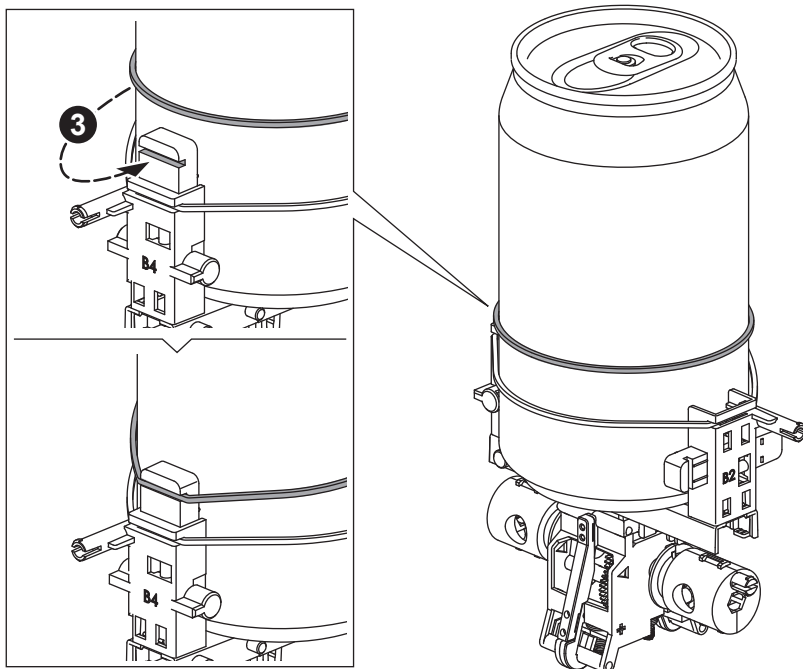
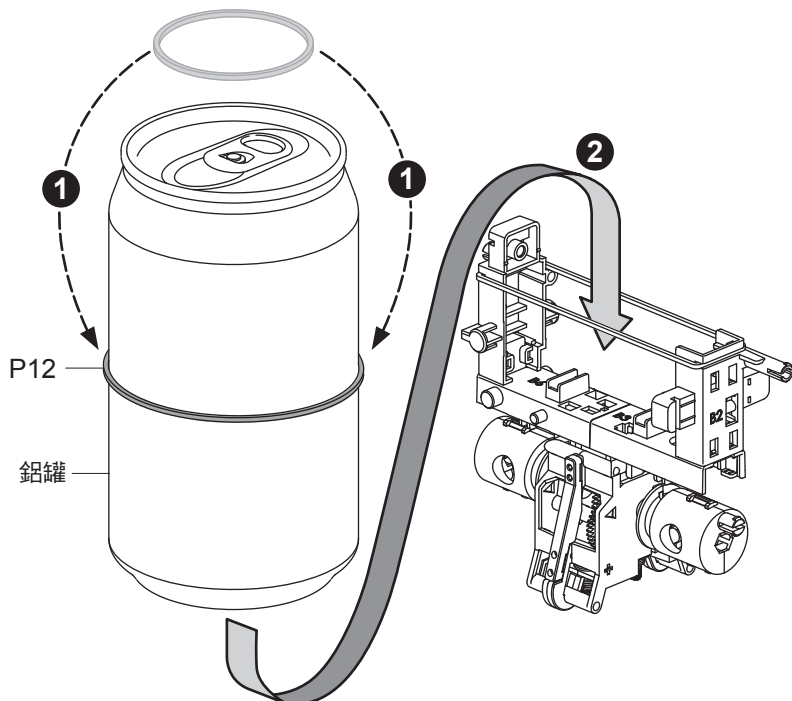


齒輪箱

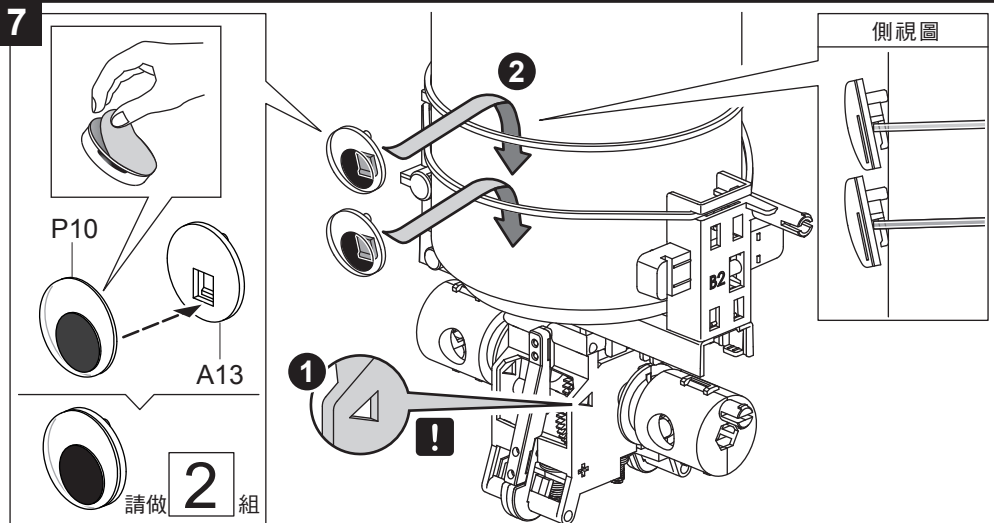




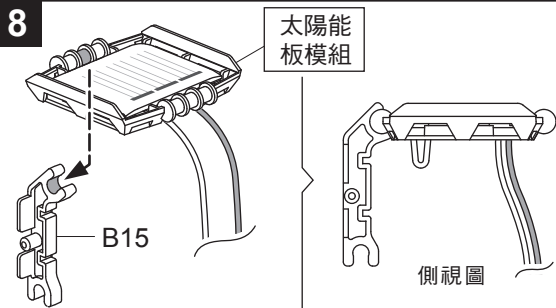




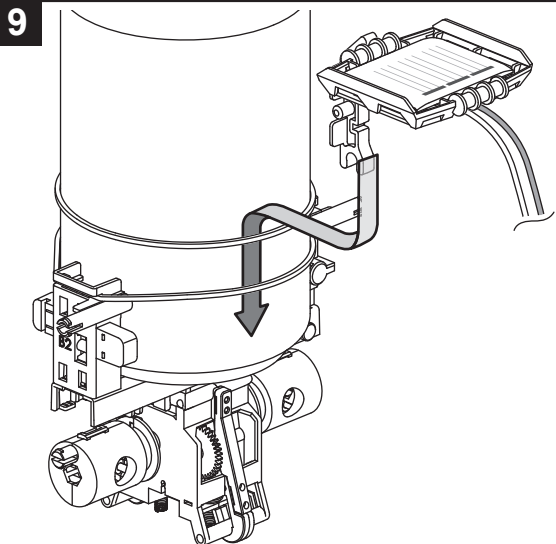
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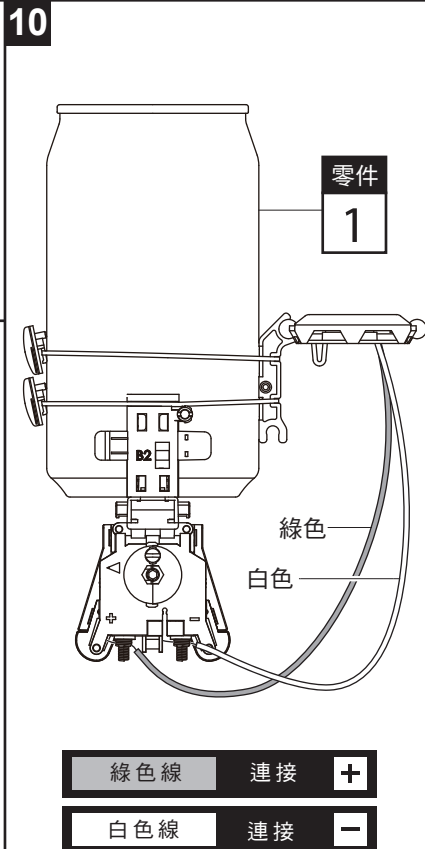
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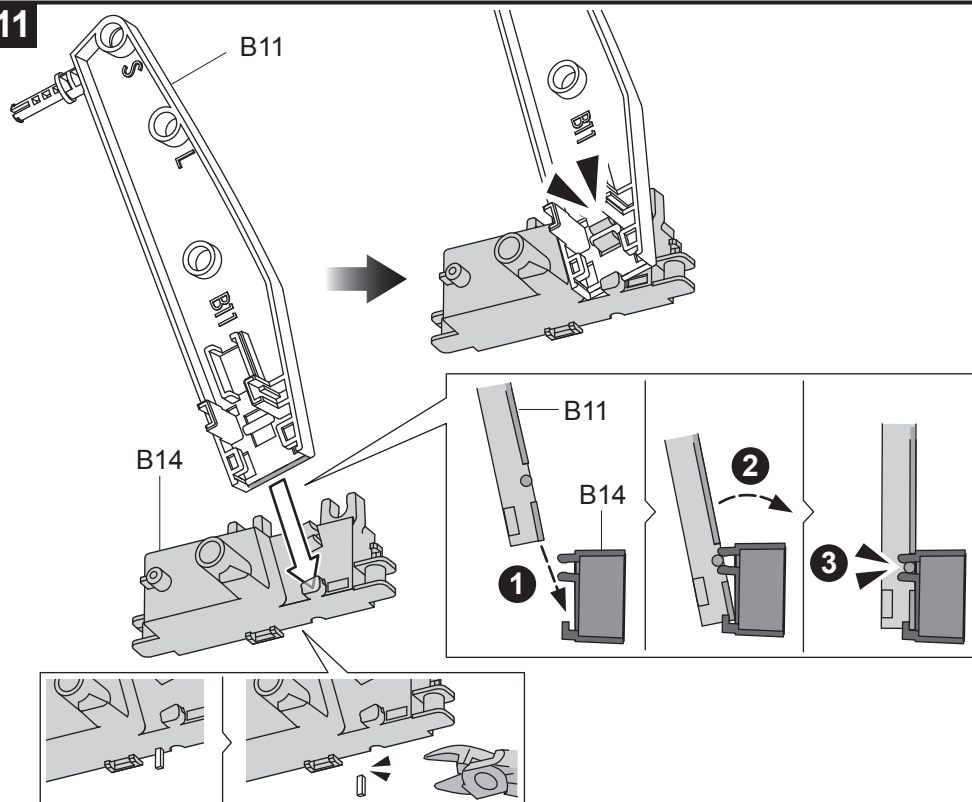
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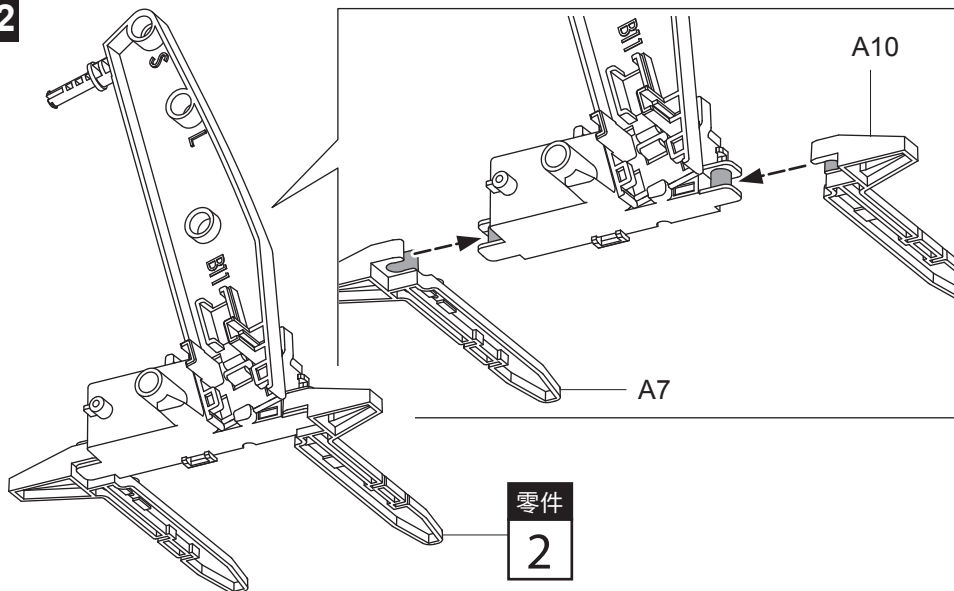
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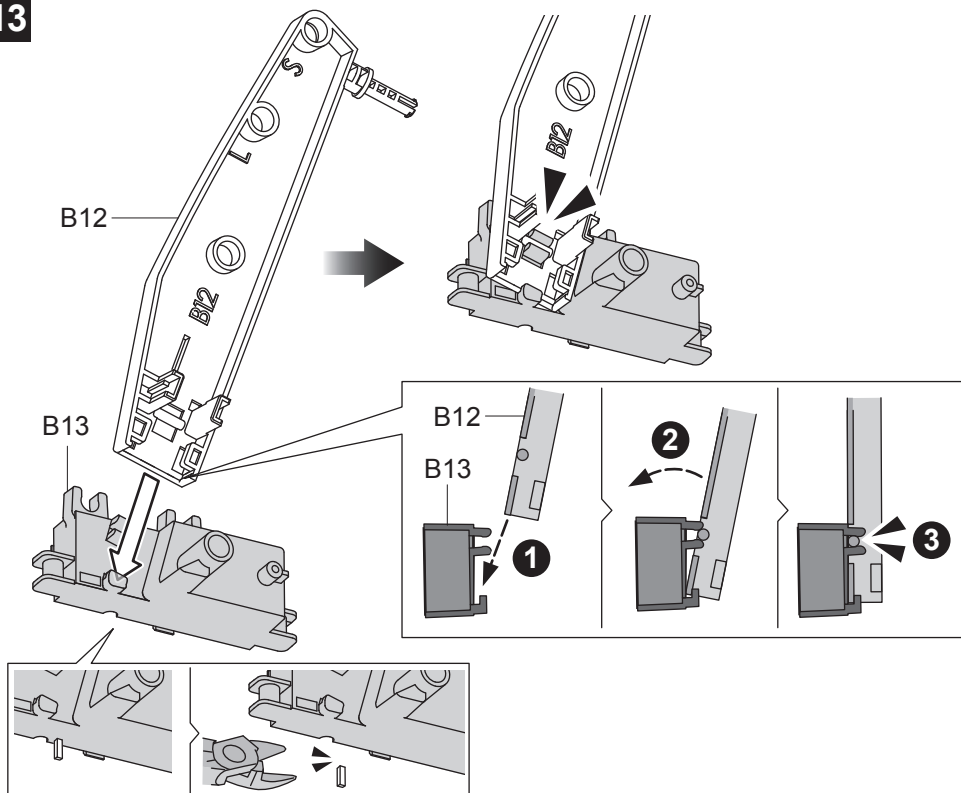
11



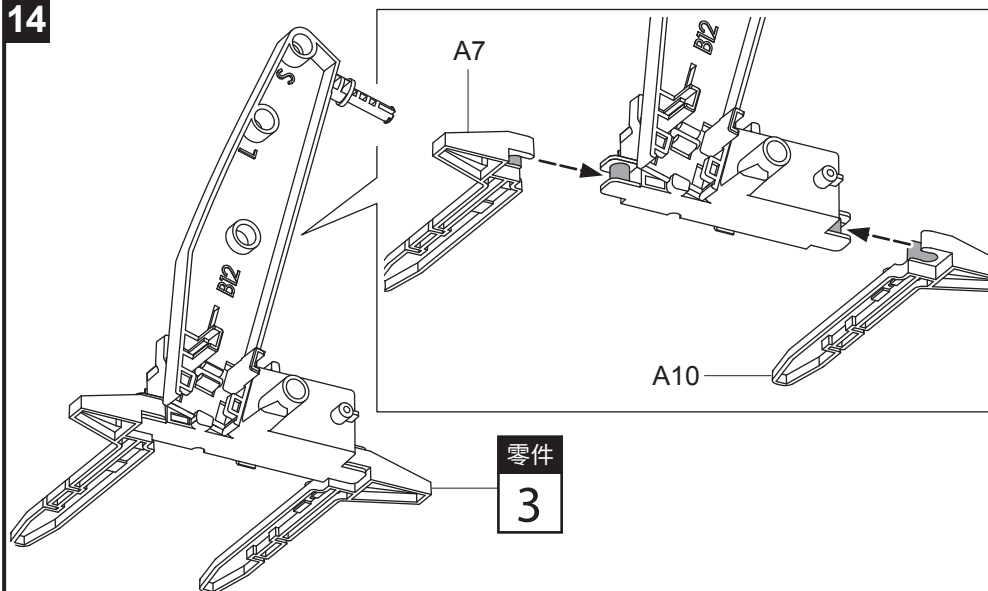
12



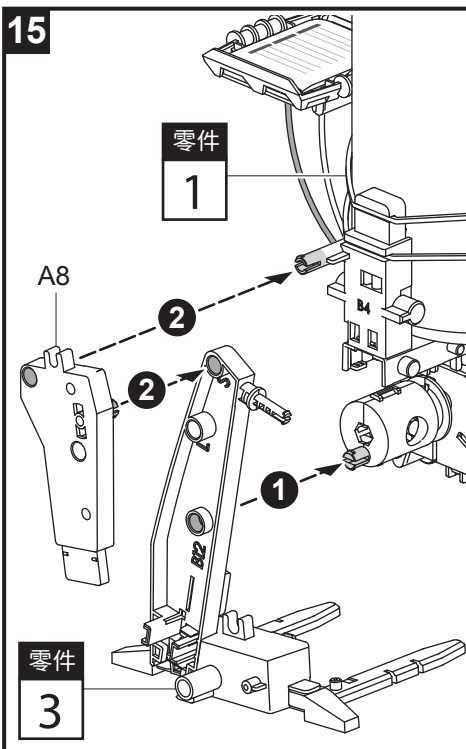
13



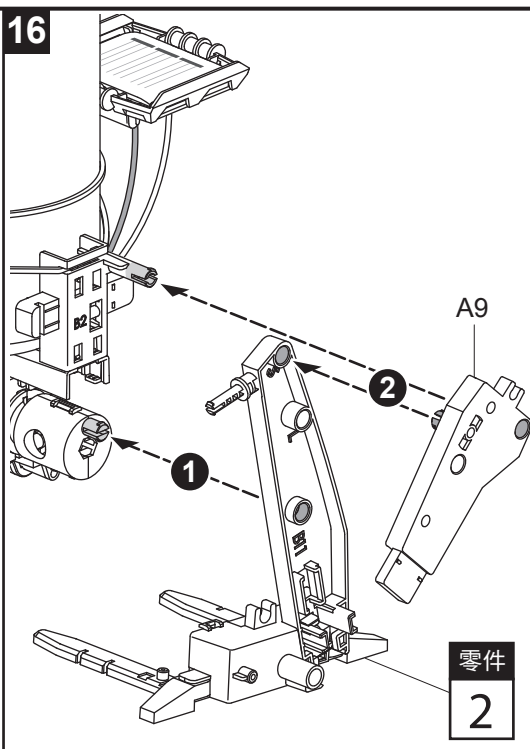
14



15

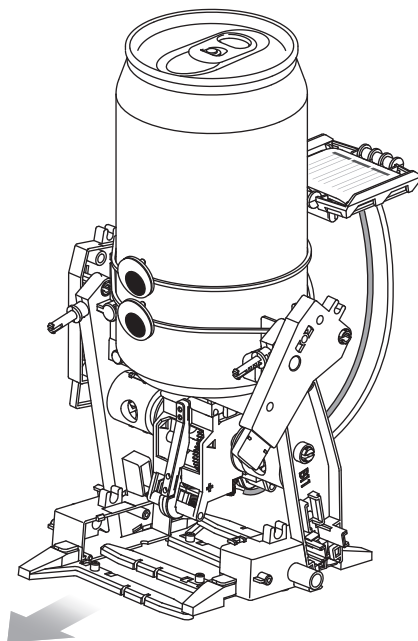


16

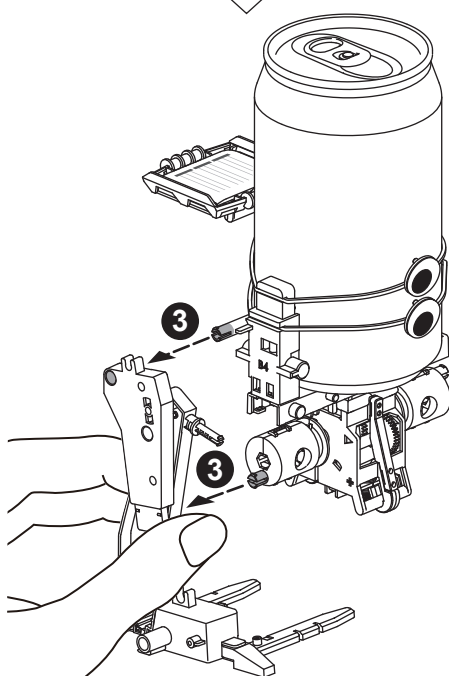
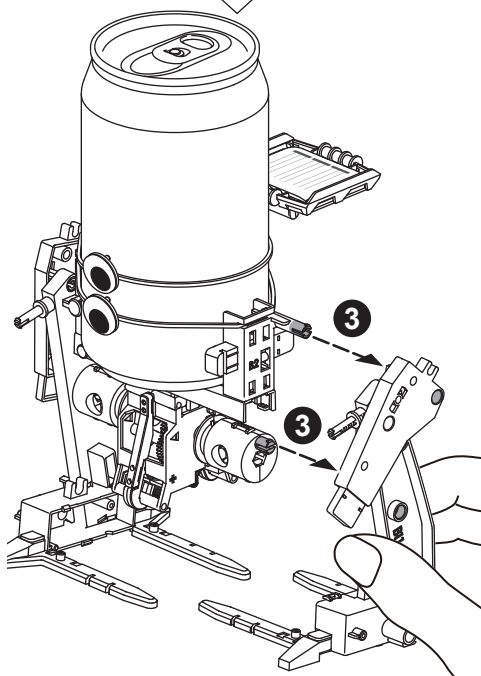
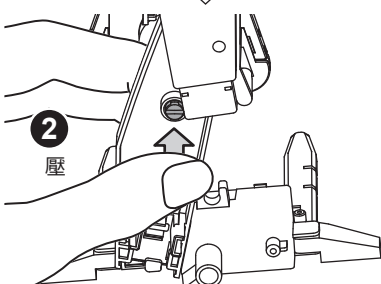
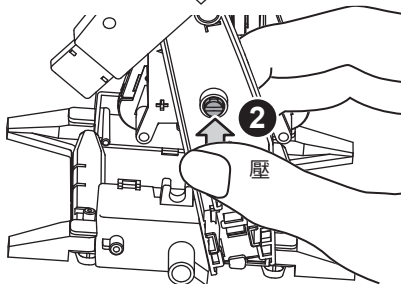
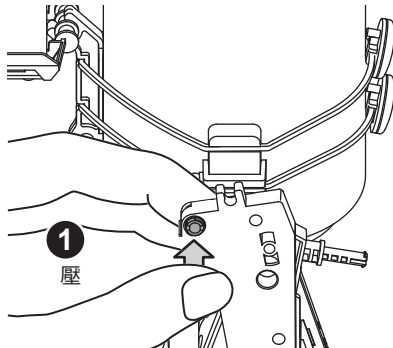
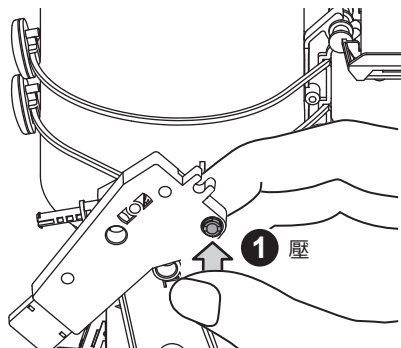


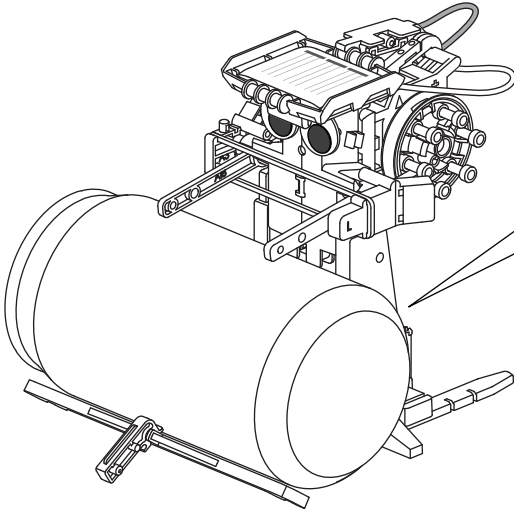
17

機器人開始漫步囉~~



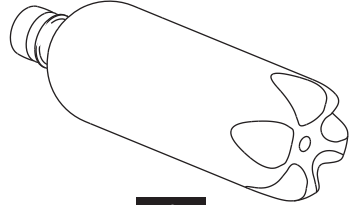
拆解方式





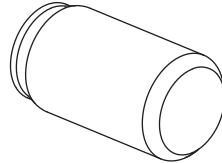
所需回收零件

保特瓶



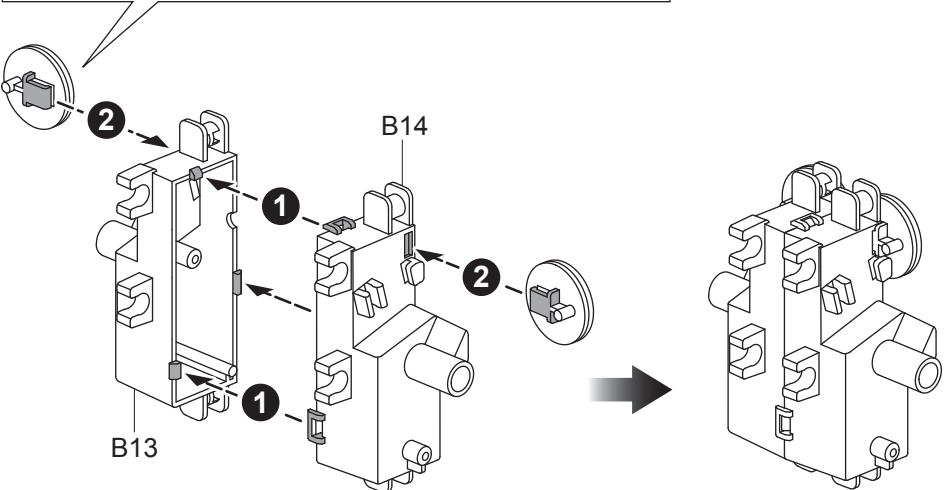
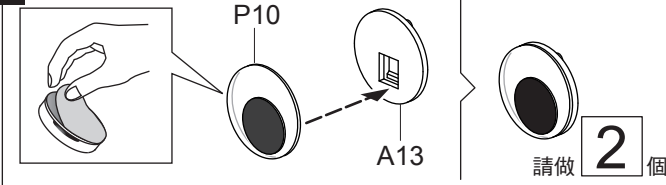
或

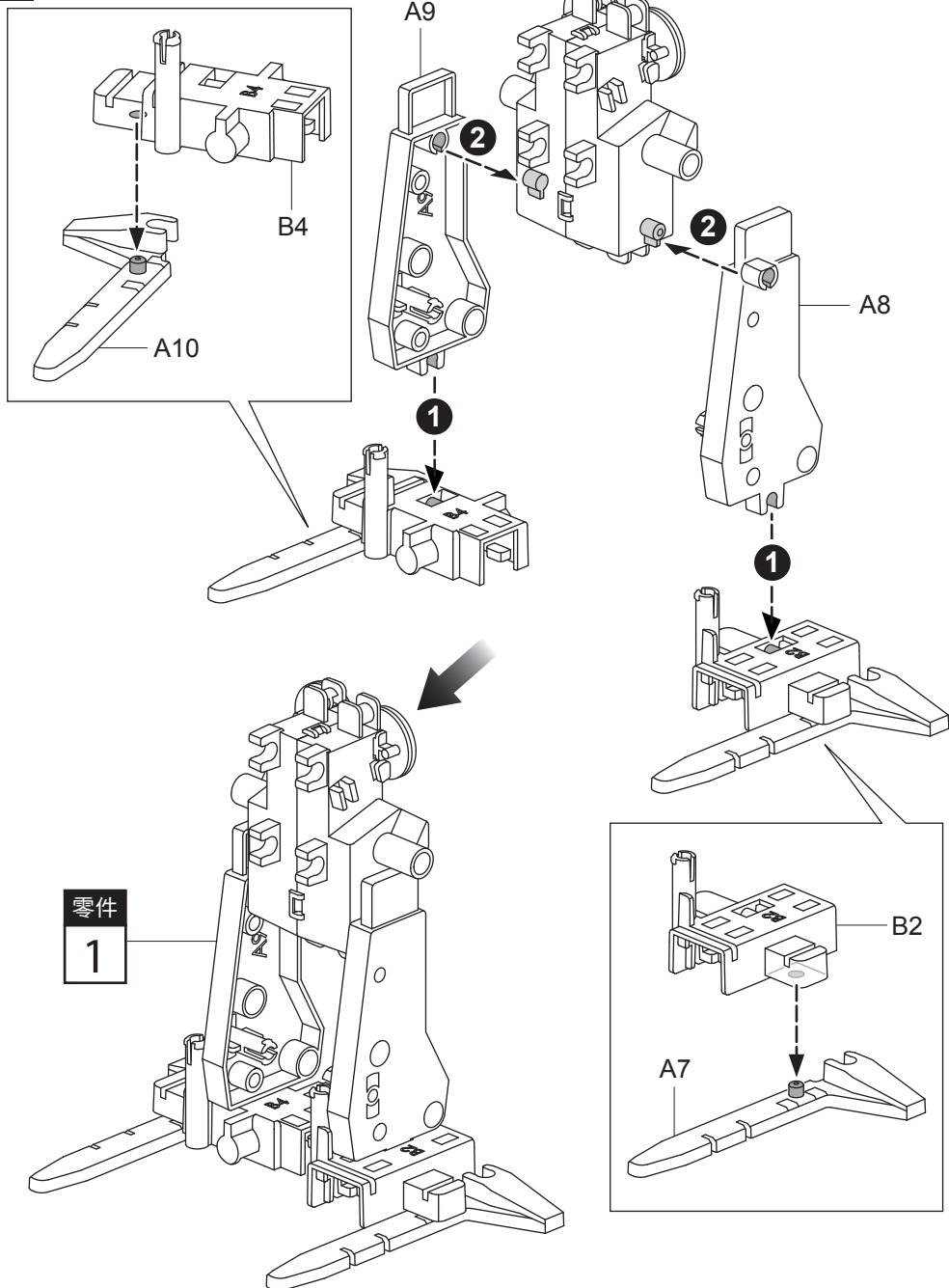
鋁罐



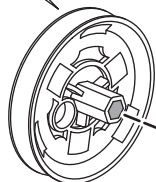
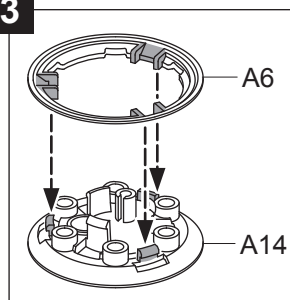
x1

1

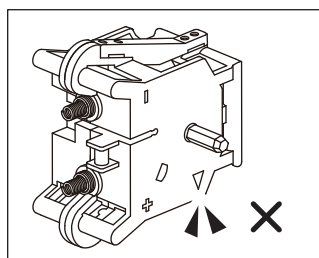




3



齒輪箱



2

1

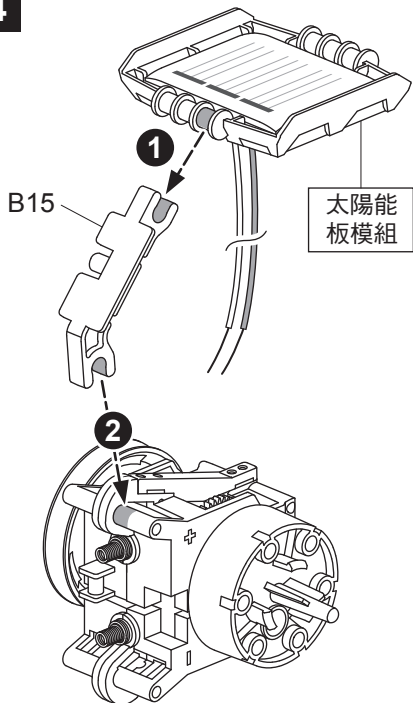
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2

A15

4



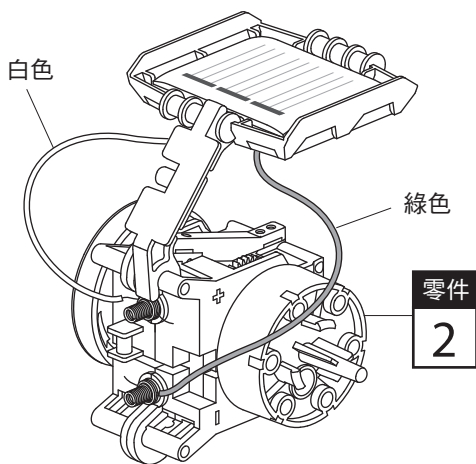
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B15

太陽能板模組

2

5



白色

綠色

零件

2

白色線

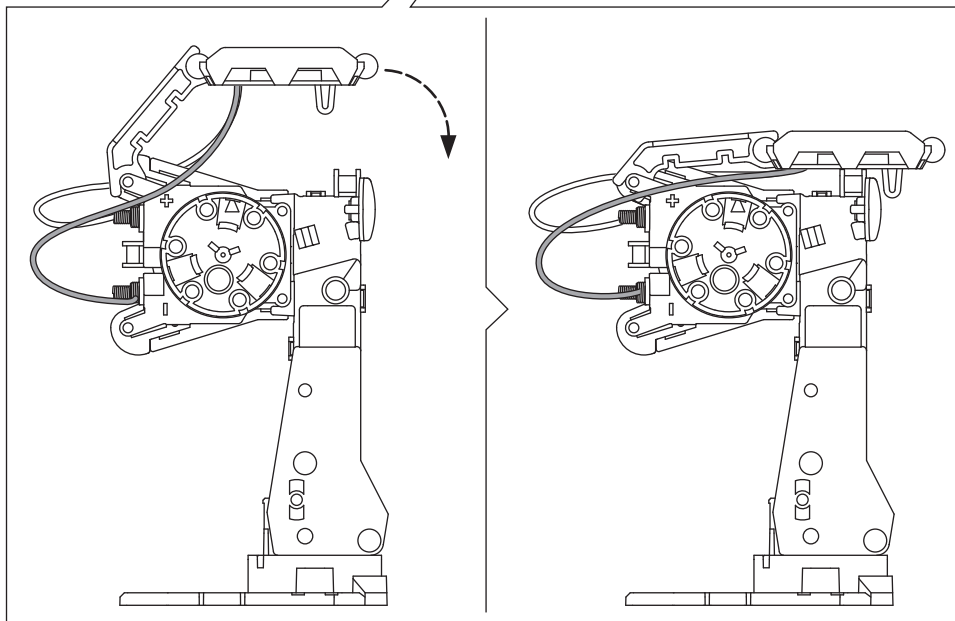
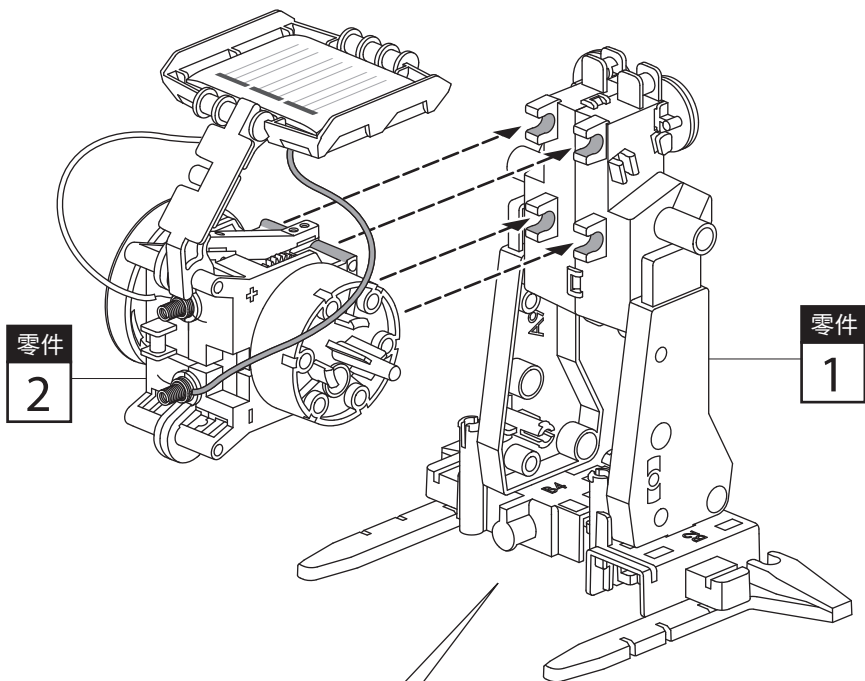
連接

+

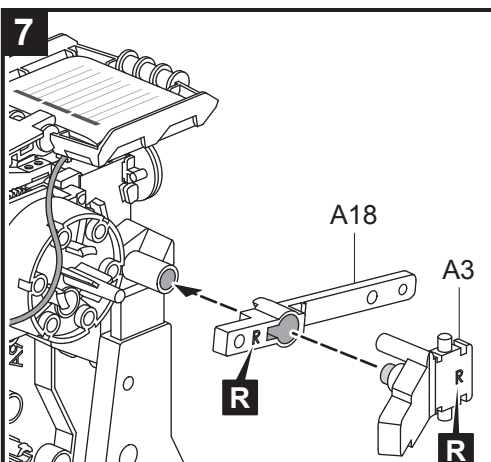
綠色線

連接

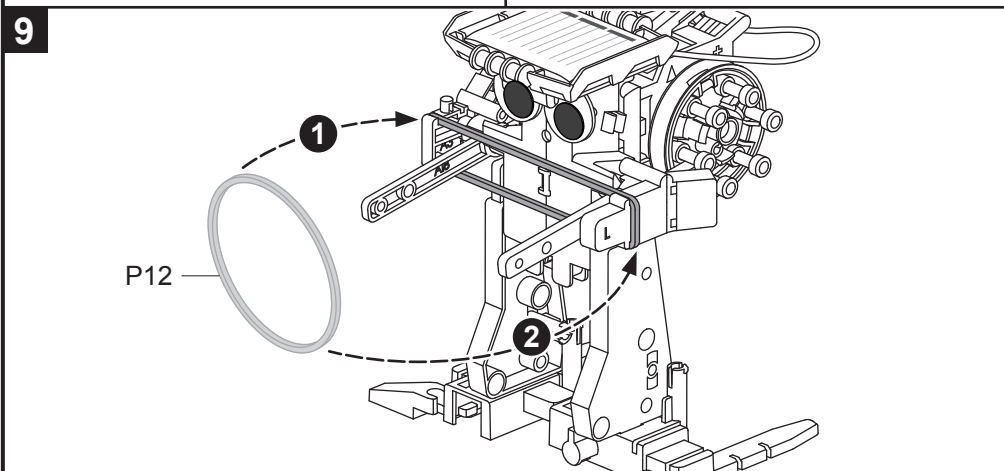
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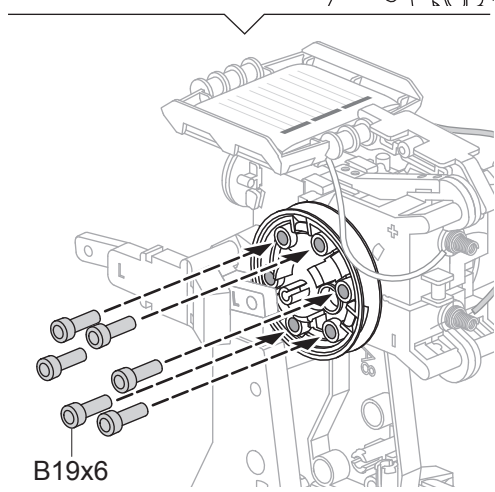
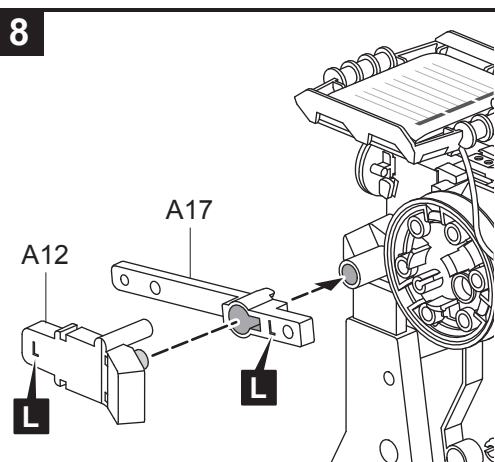
7



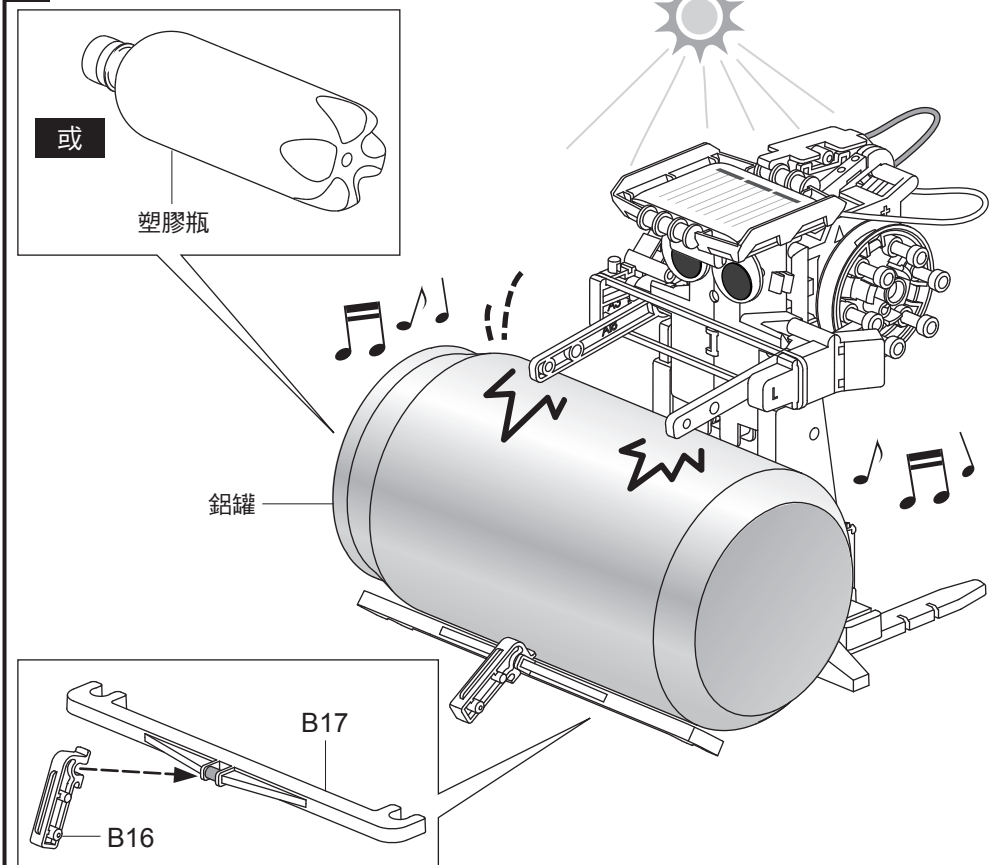
9



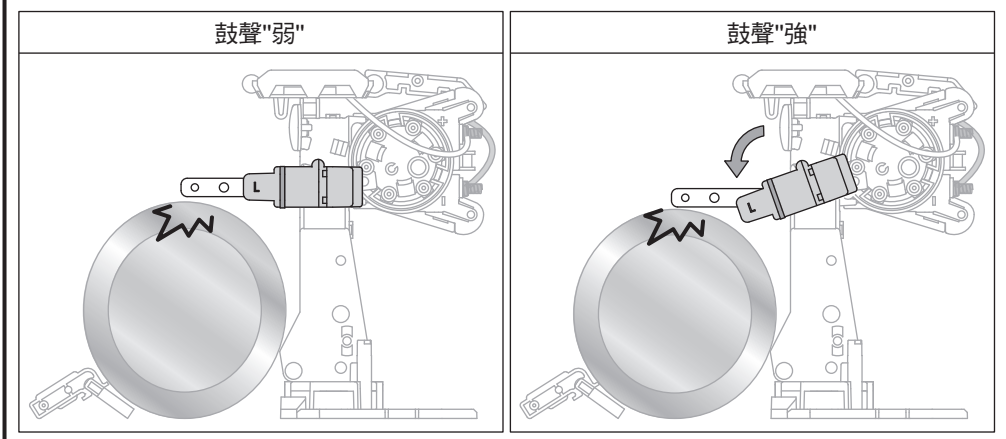
8



10 機器人開始打鼓囉~

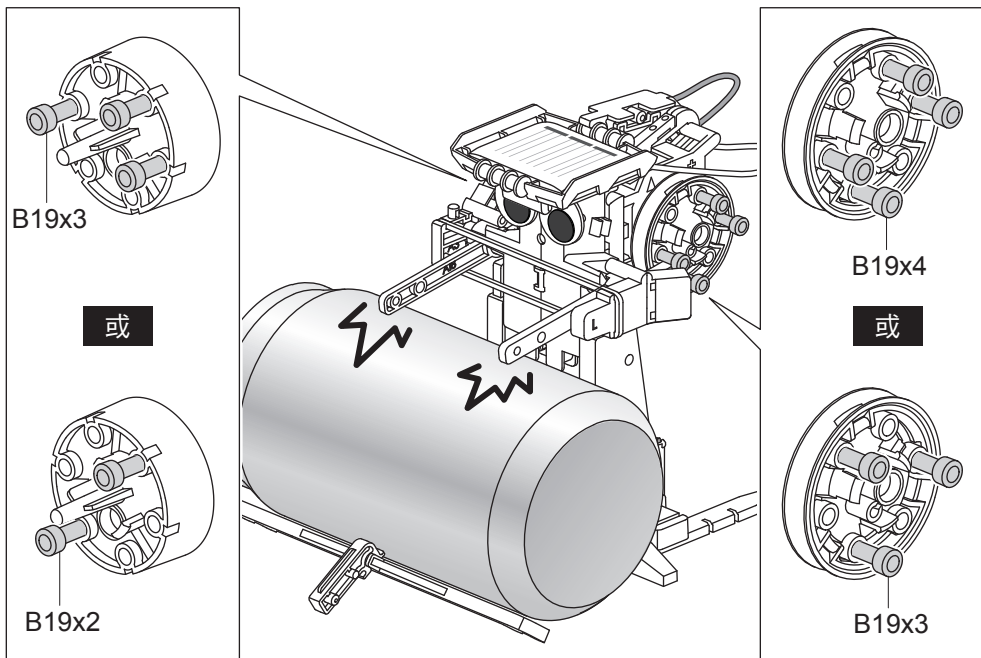


調整機器人手臂來敲出不同強度的鼓聲

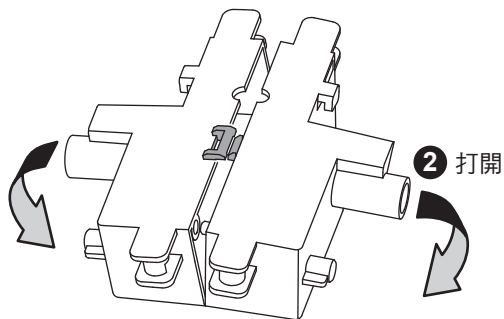
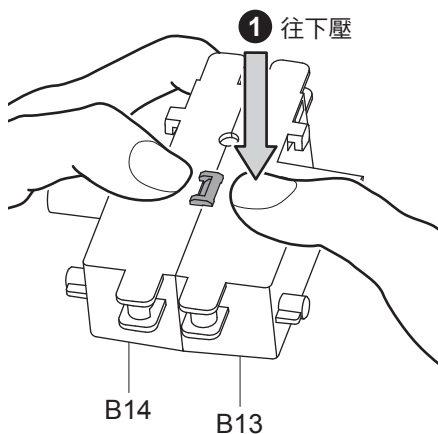


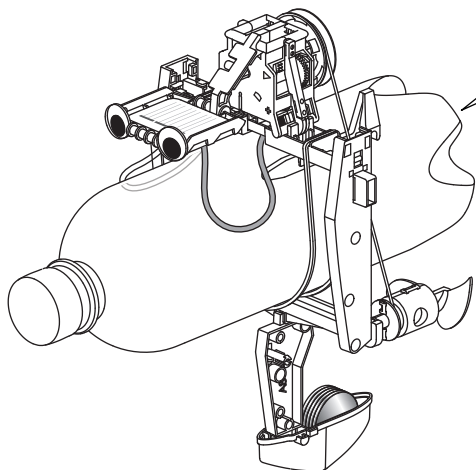
創造你自己的獨特節奏

將不同數量的B19安裝在如下位置,以敲擊出不同的節奏



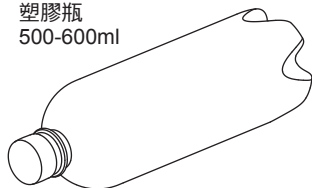
拆解方式





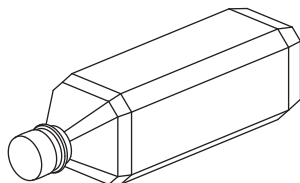
所需回收零件

塑膠瓶
500-600ml



x1

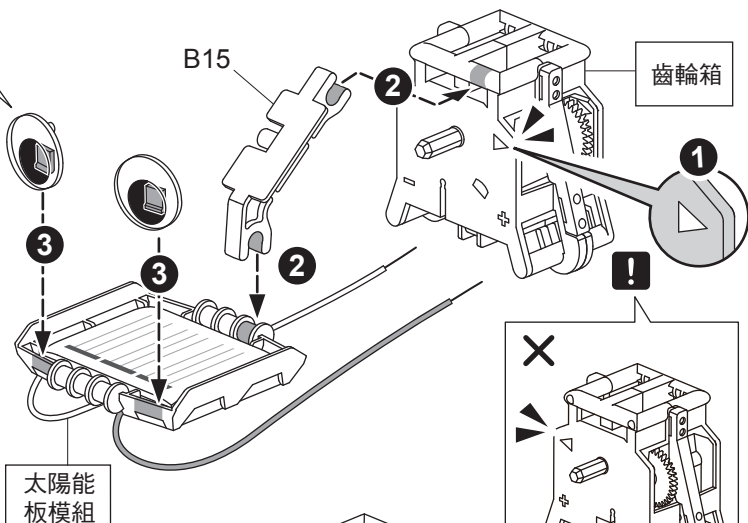
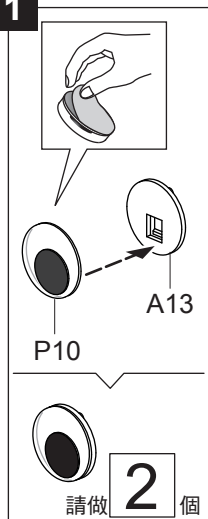
管狀瓶身



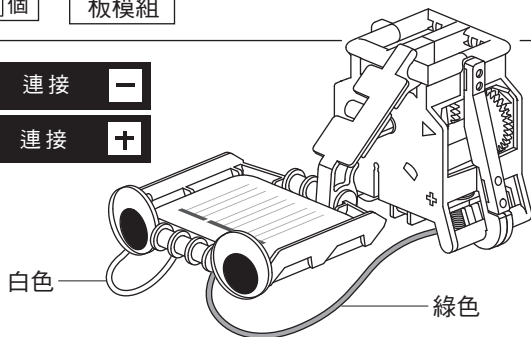
方形瓶身

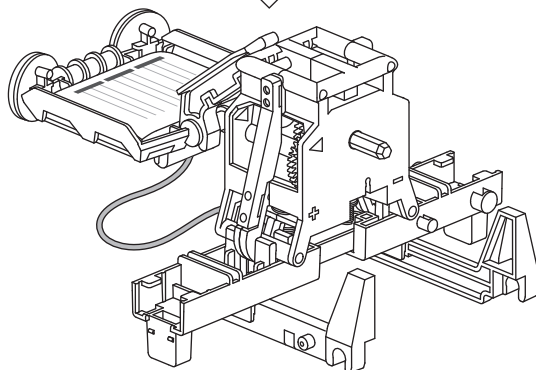
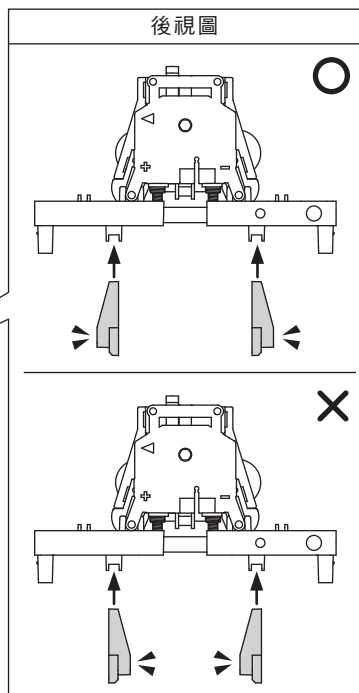
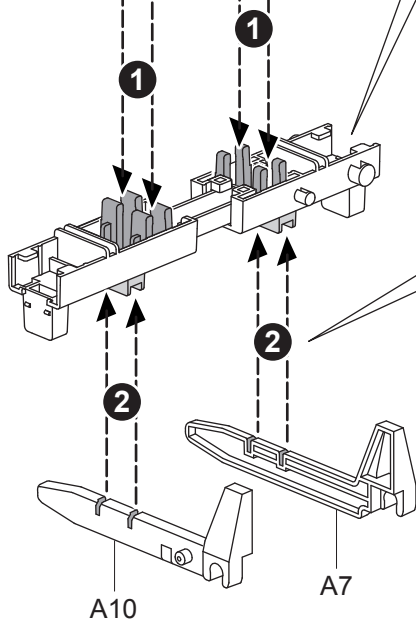
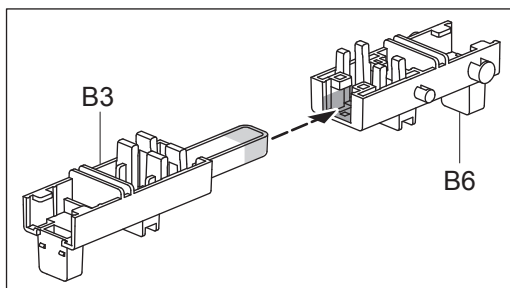
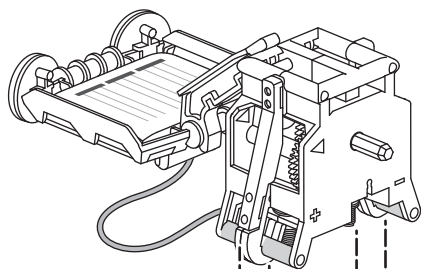


1

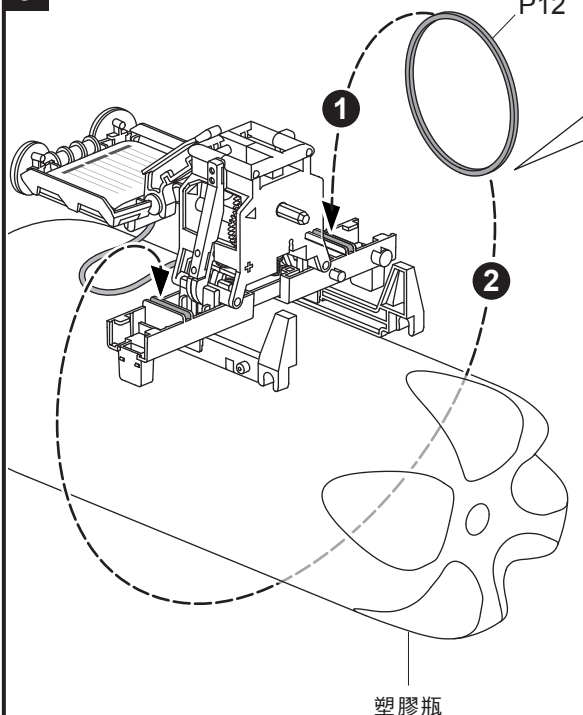


白色線	連接	-
綠色線	連接	+

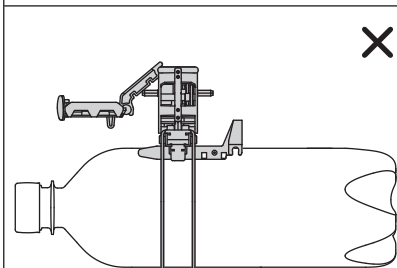
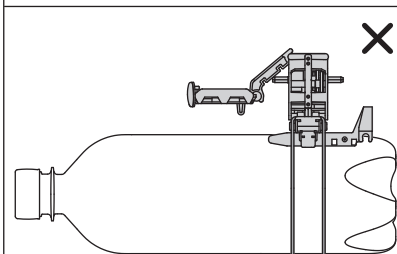
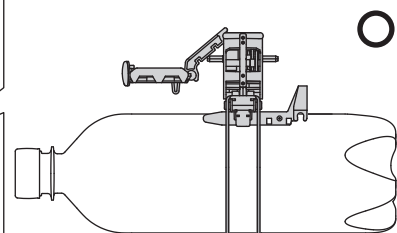




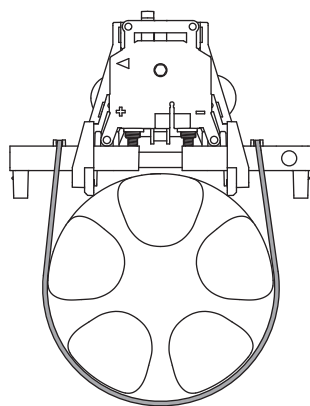
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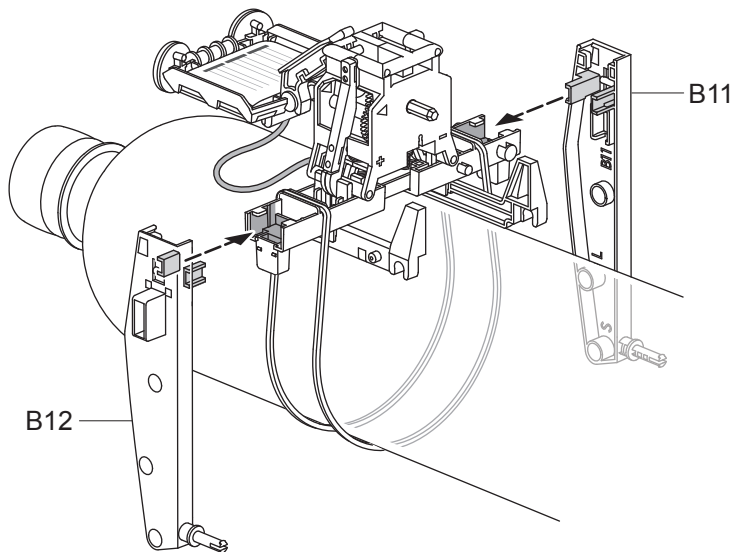
側視圖



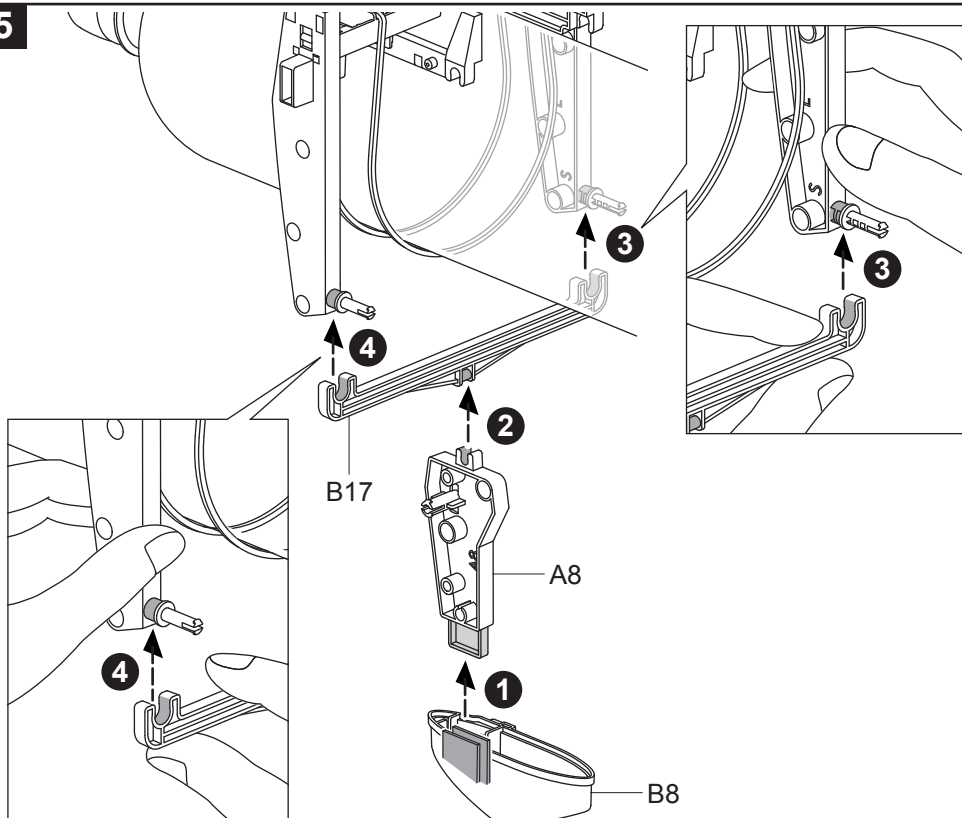
後視圖

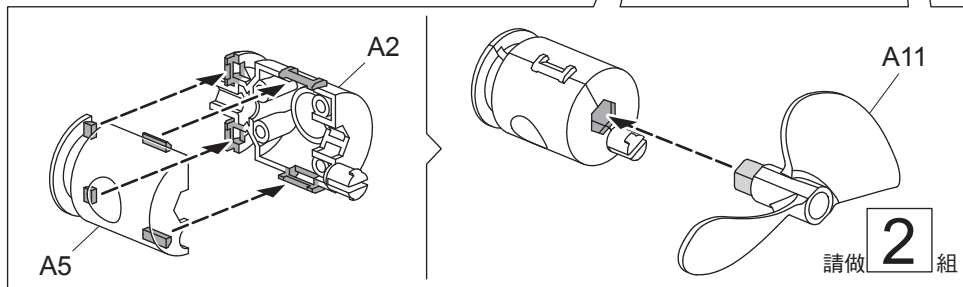
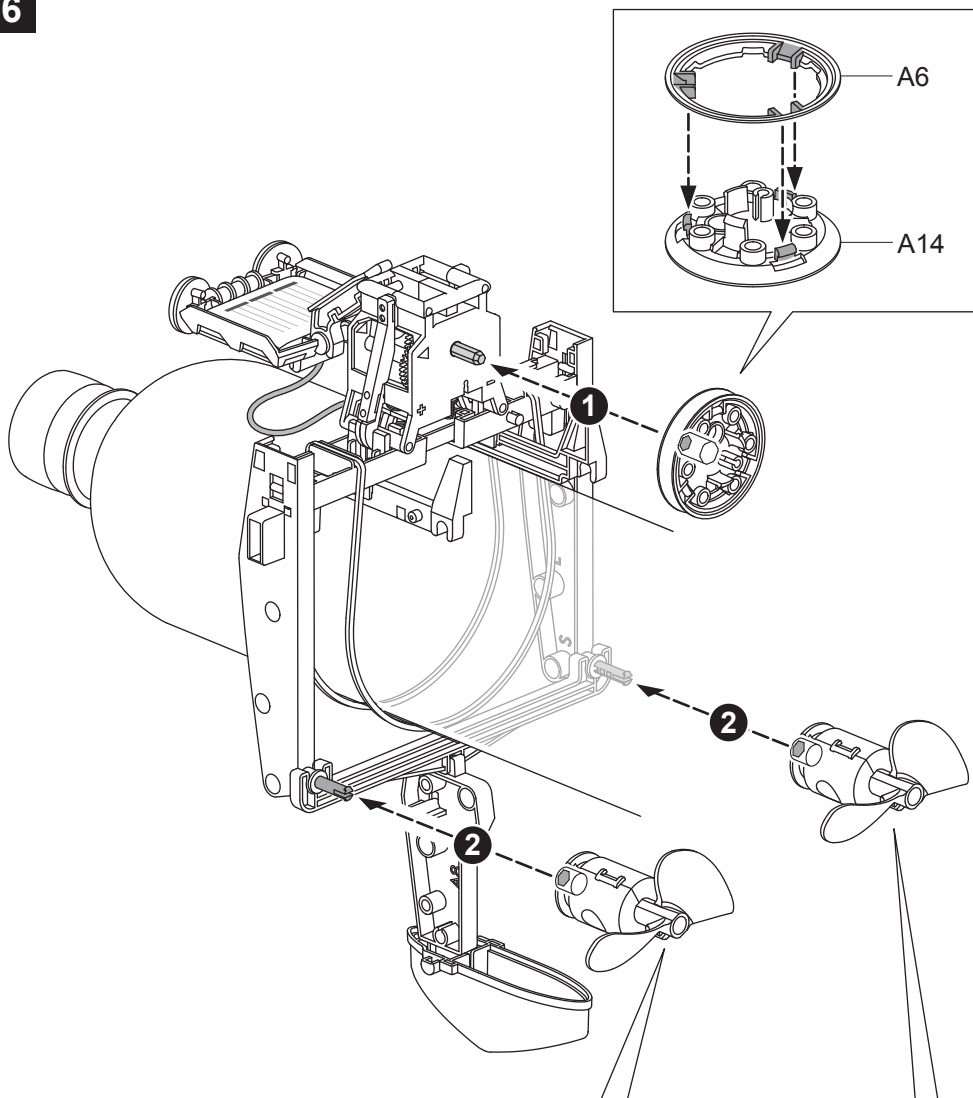


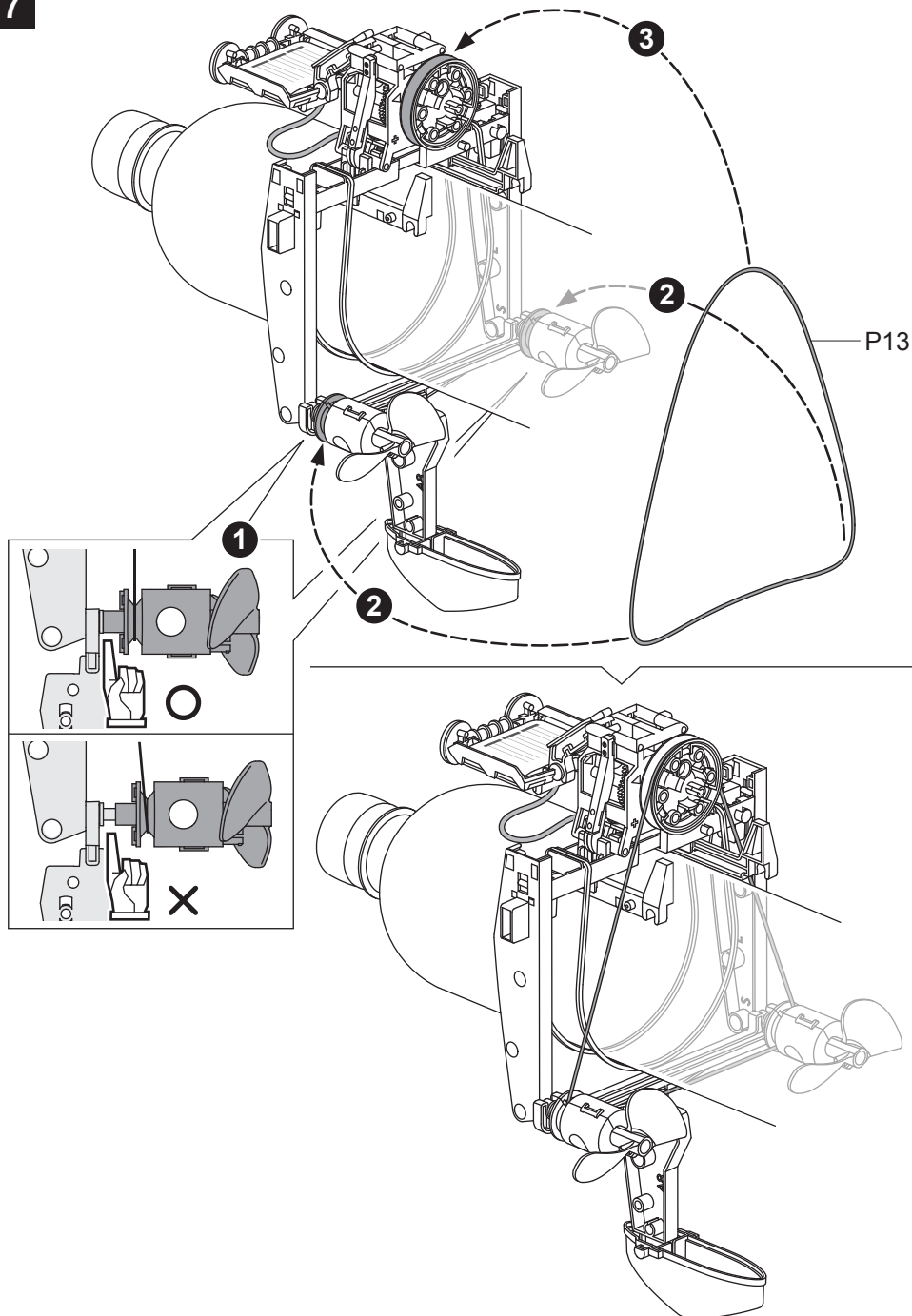
4



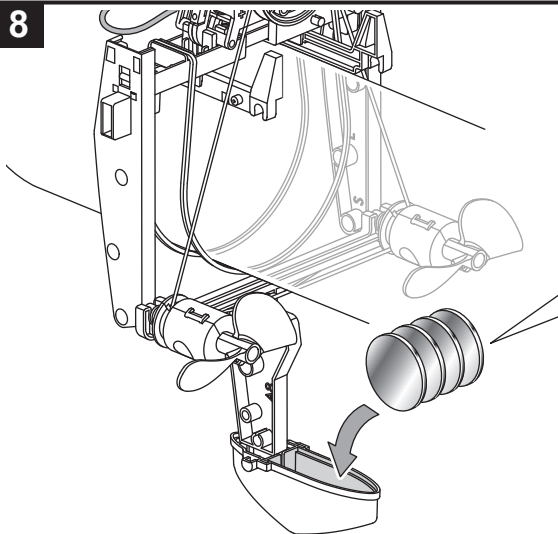
5



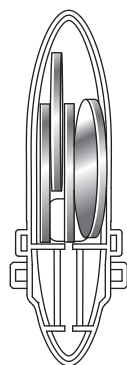
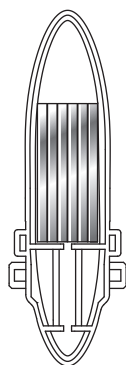




8



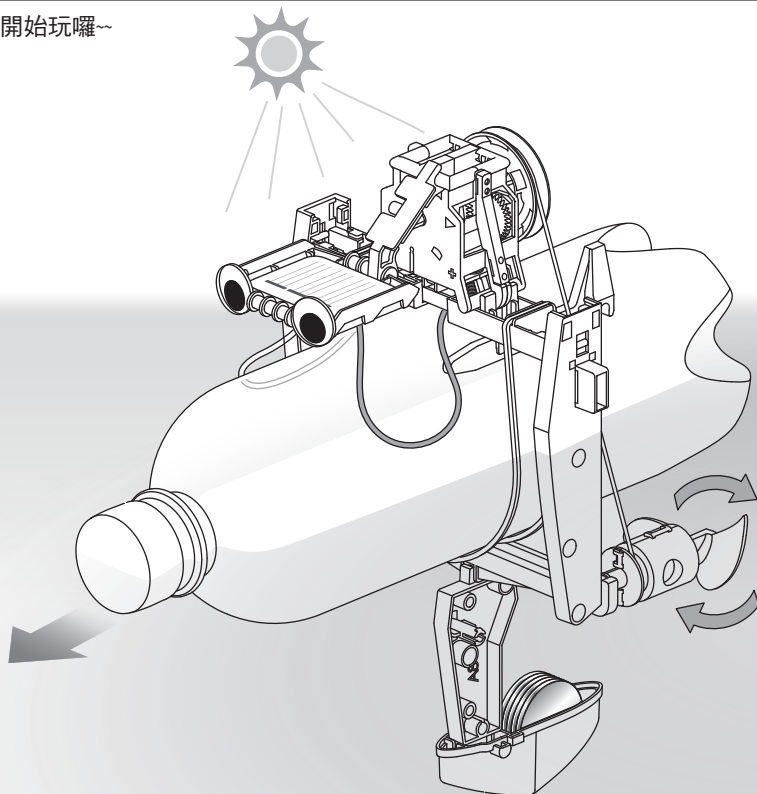
上視圖：放入硬幣

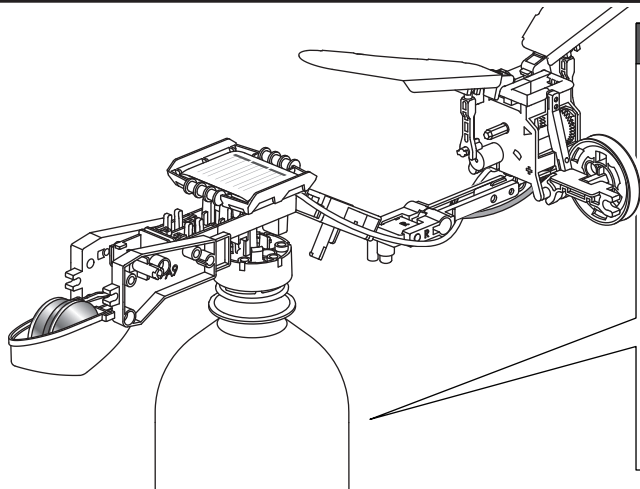


請裝滿硬幣！
若有空隙將會使硬幣散開

9

開始玩囉~~





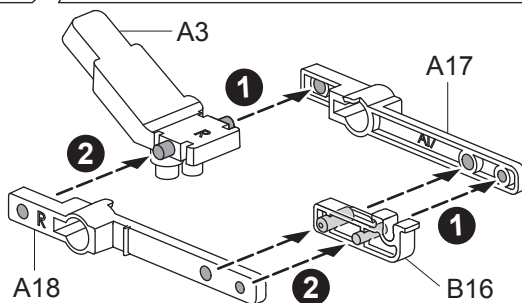
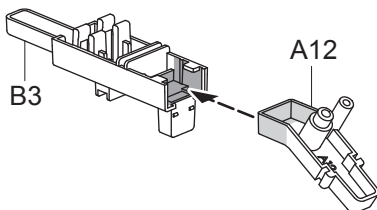
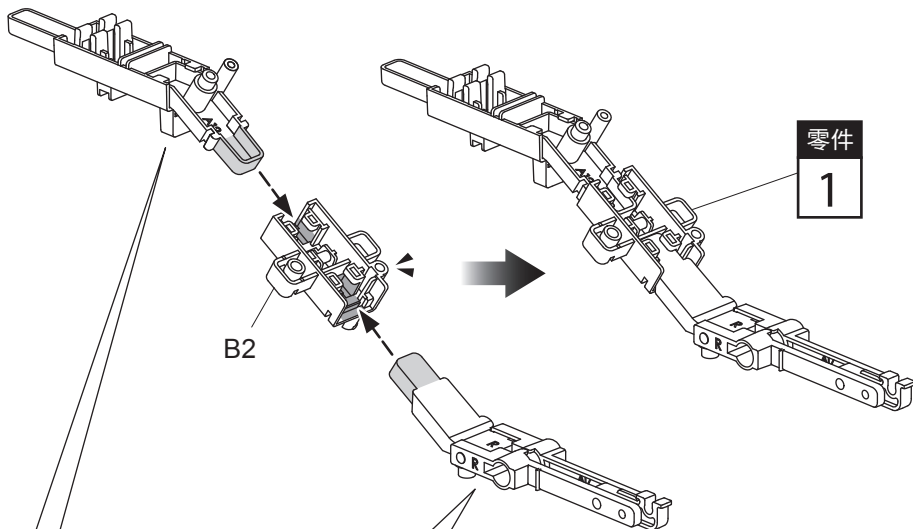
所需回收零件

保特瓶

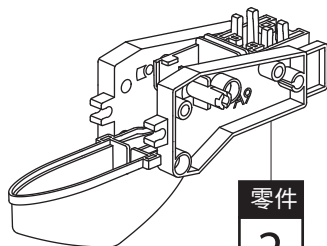
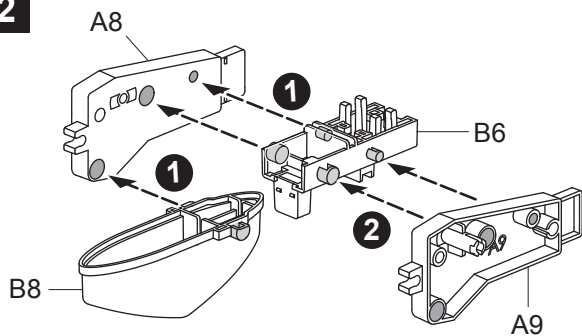


x1

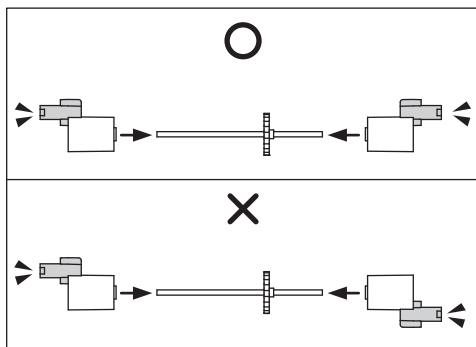
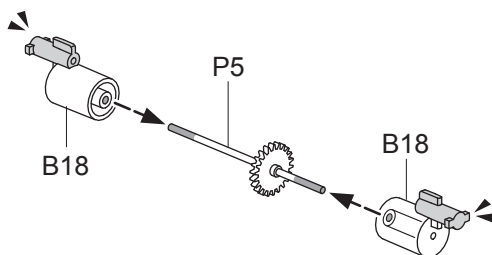
1



2

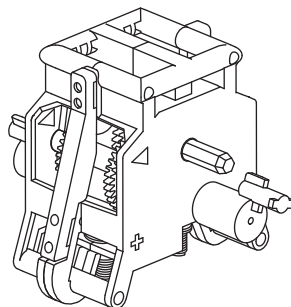
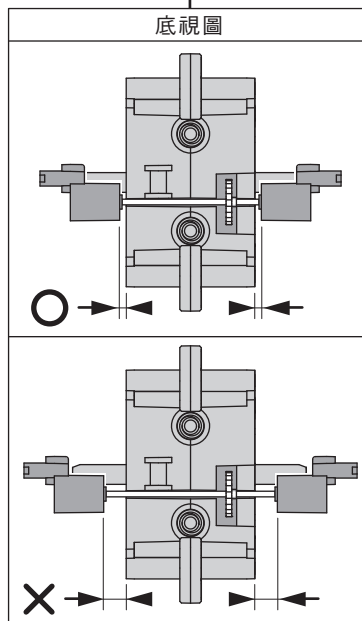
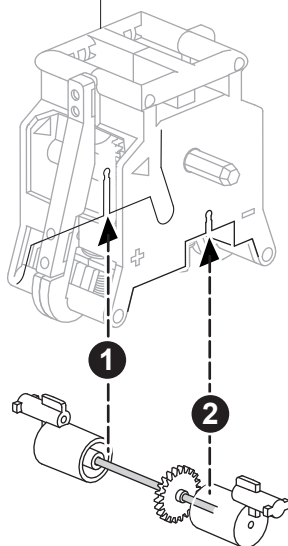


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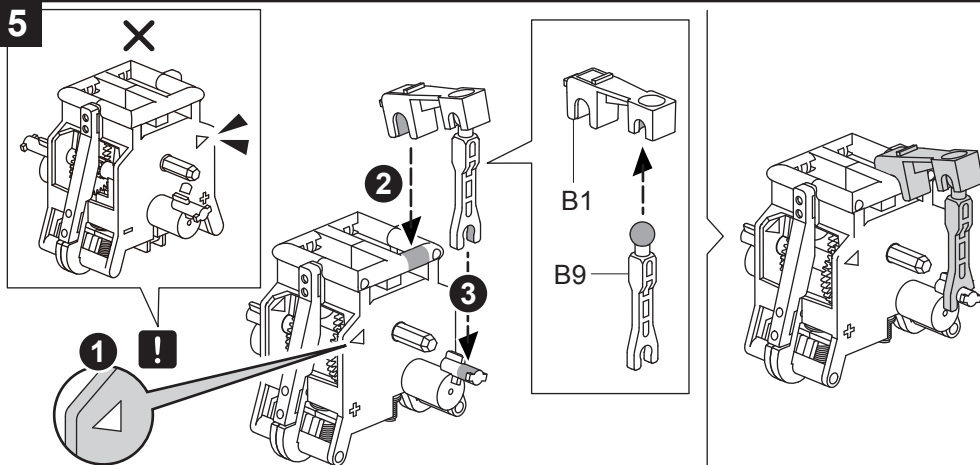


4

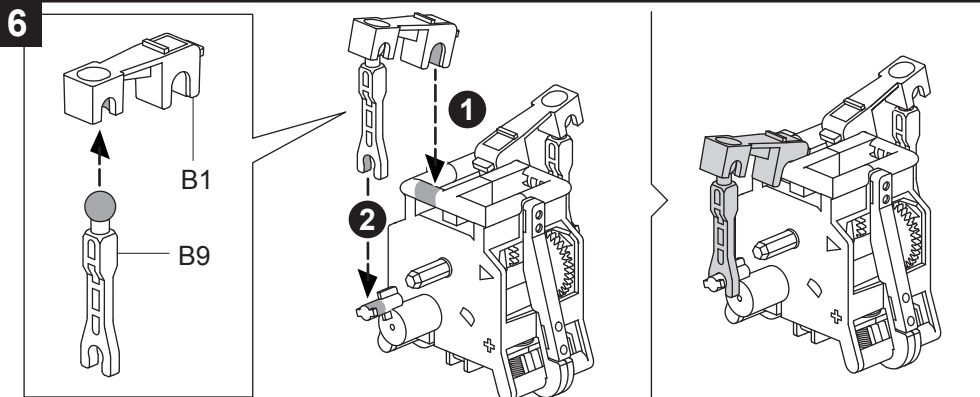
齒輪箱



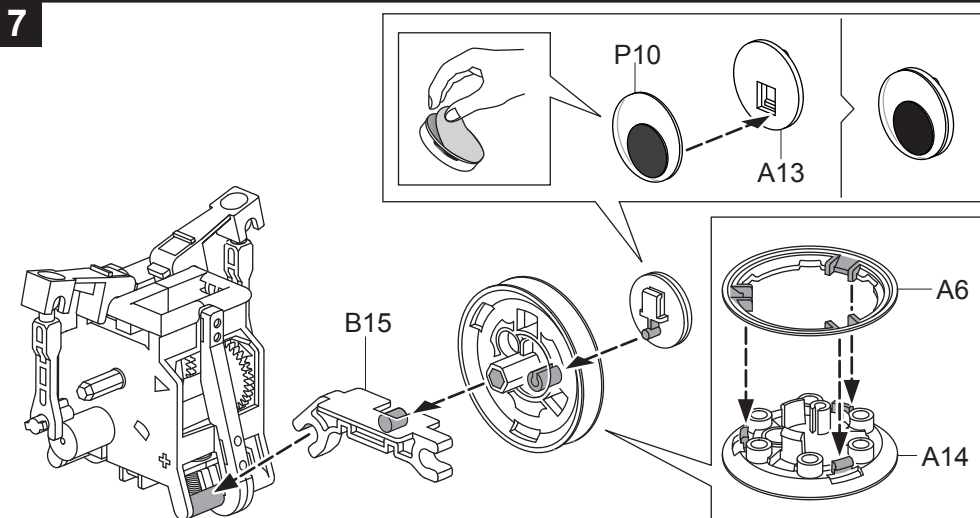
5



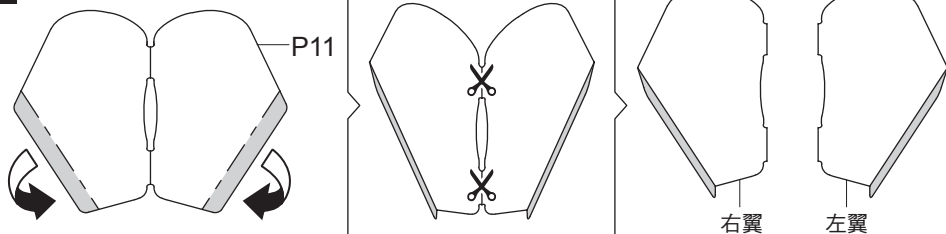
6



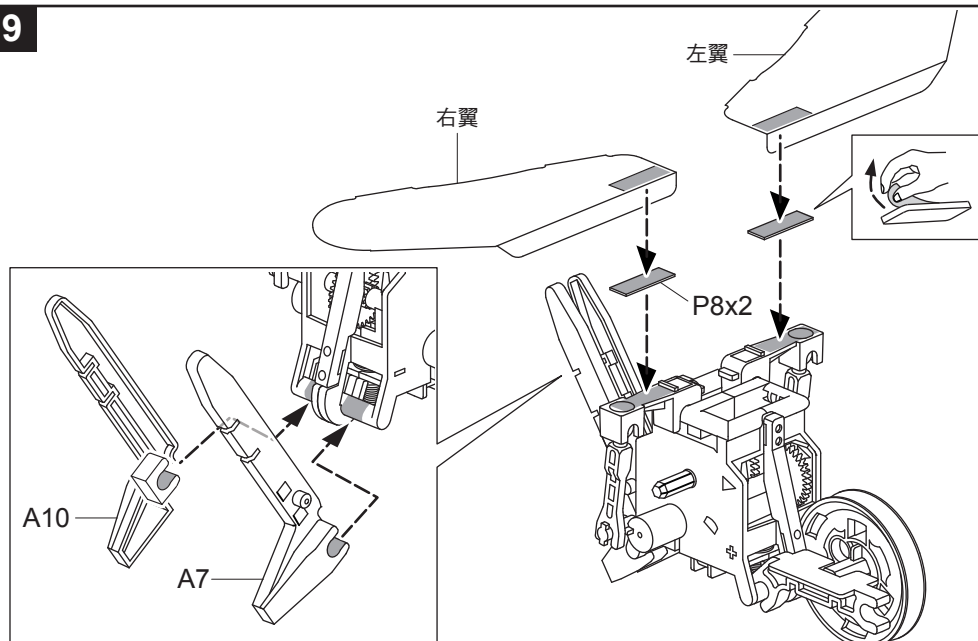
7



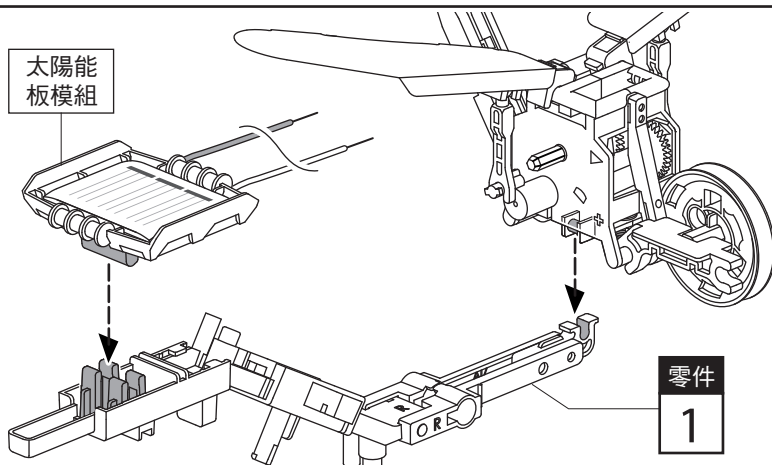
8



9



10



11

白色線

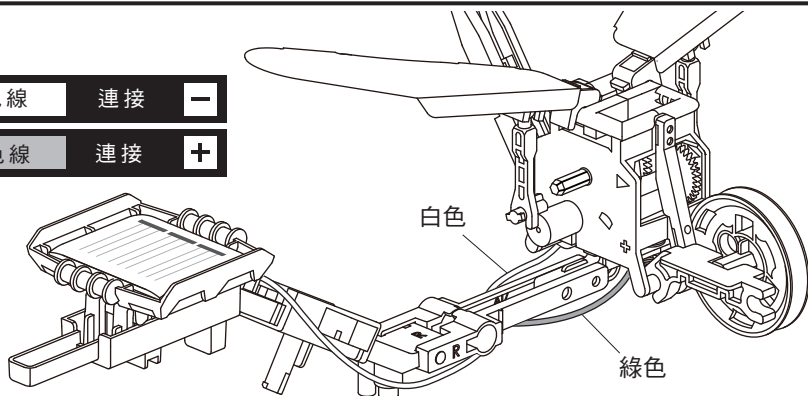
連接

-

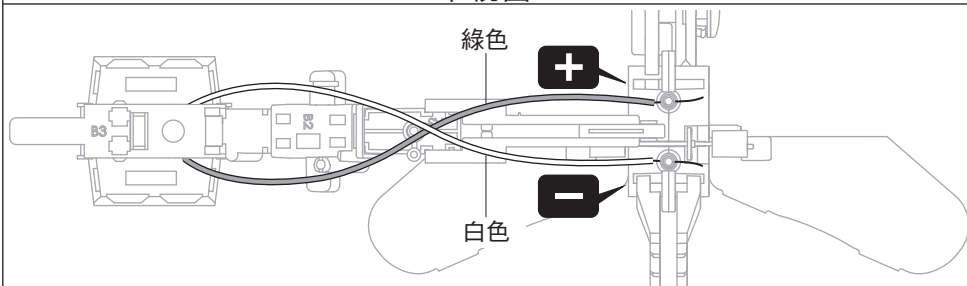
綠色線

連接

+



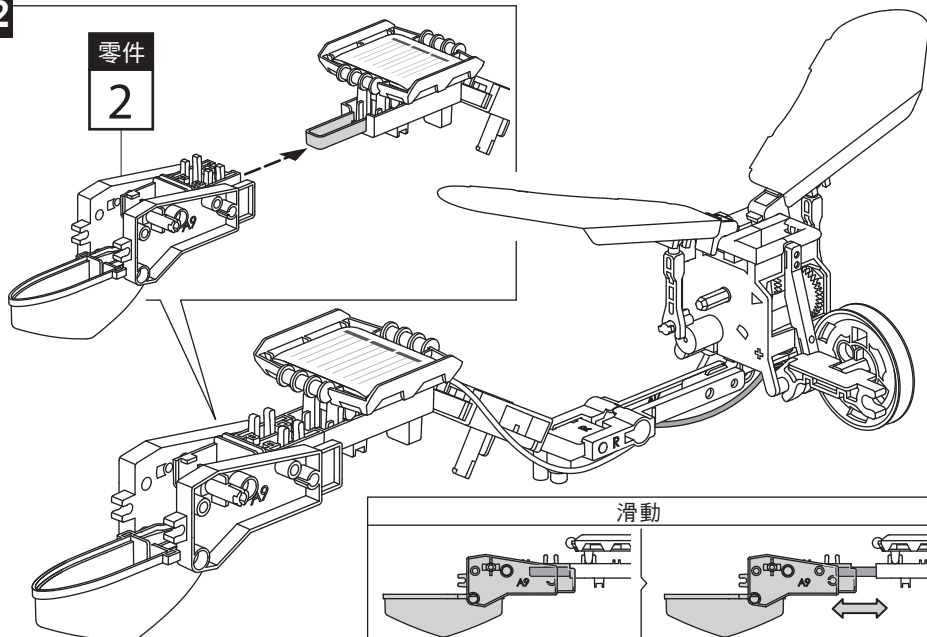
下視圖



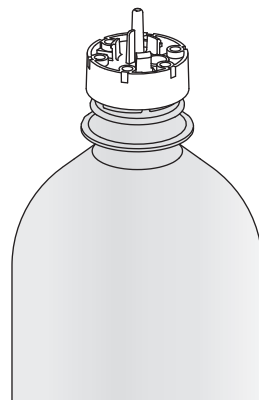
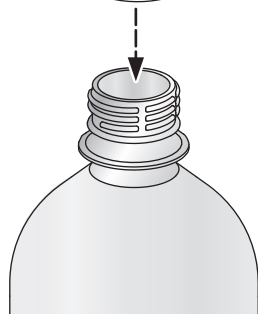
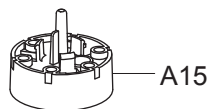
12

零件

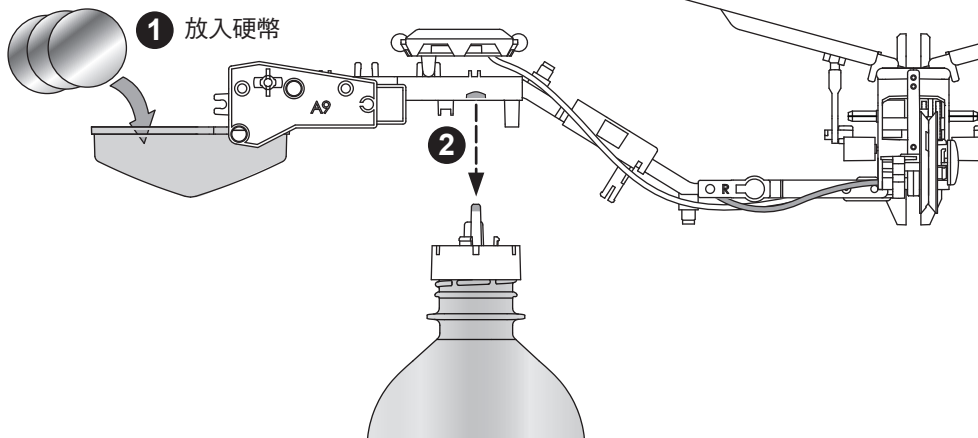
2



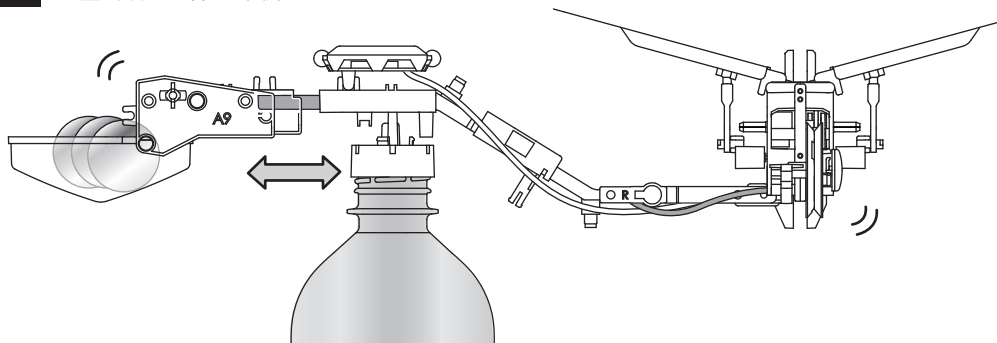
13



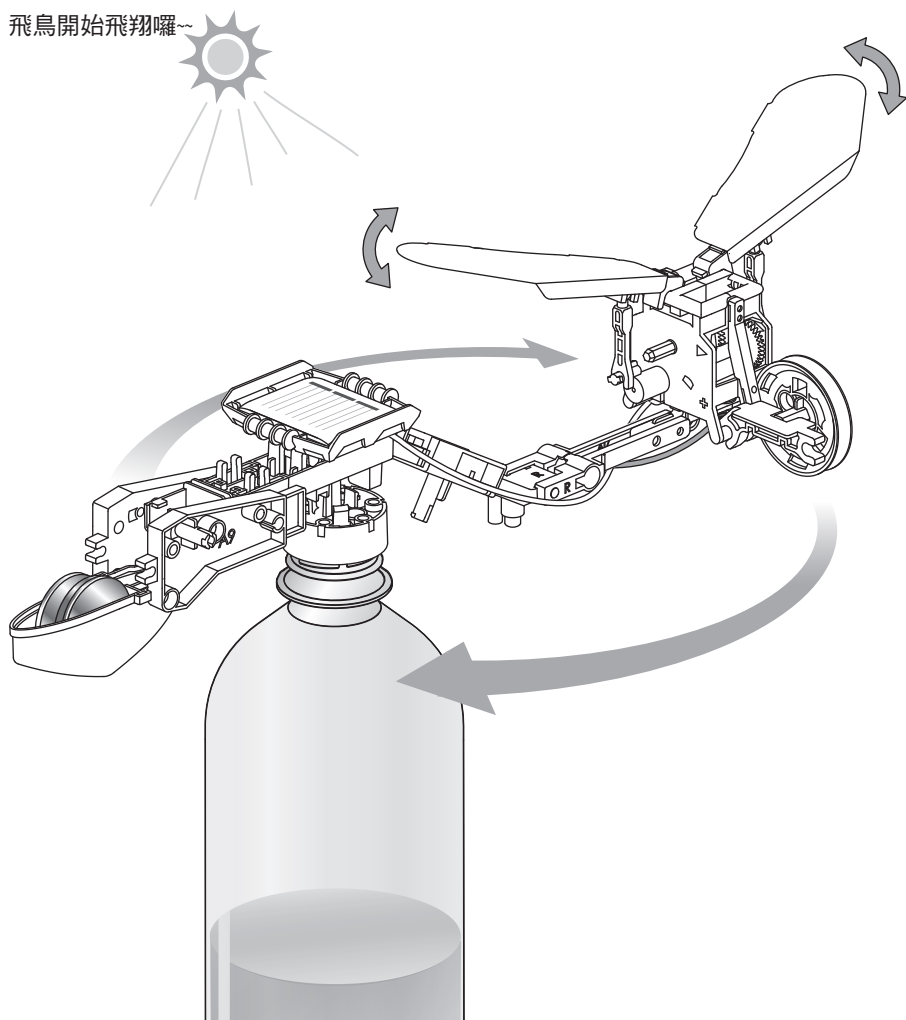
14



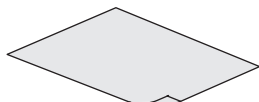
15 調整零件2以保持平衡



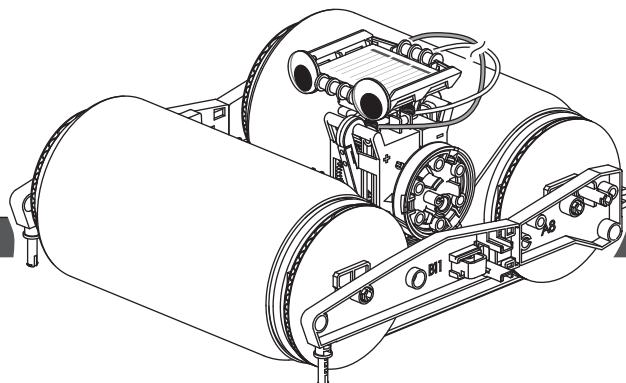
16 飛鳥開始飛翔囉~



所需回收零件



紙

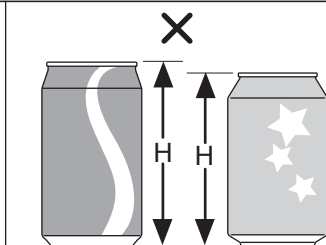
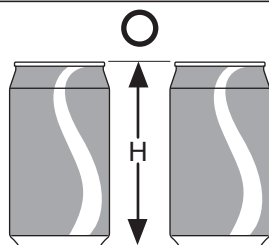


鋁罐
330-355ml

x2

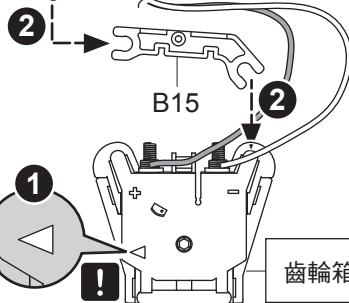


鋁罐需相同尺寸



1

太陽能
板模組



B15

齒輪箱

白色線

連接

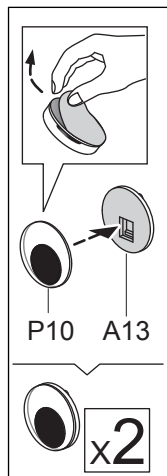
-

綠色線

連接

+

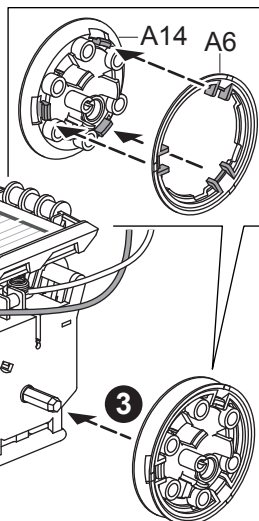
2



P10

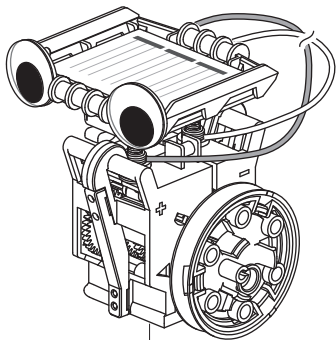
A13

x2



A14

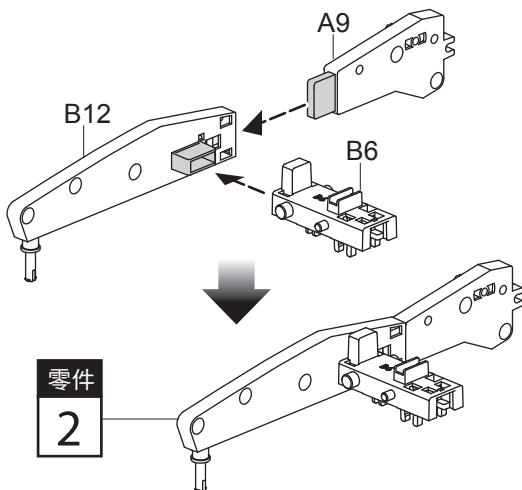
A6



零件

1

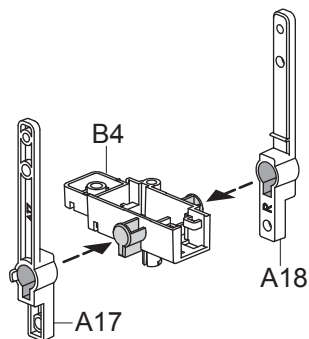
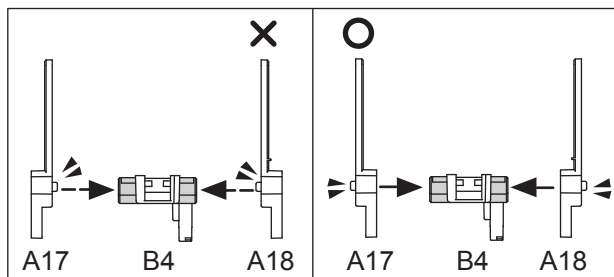
3



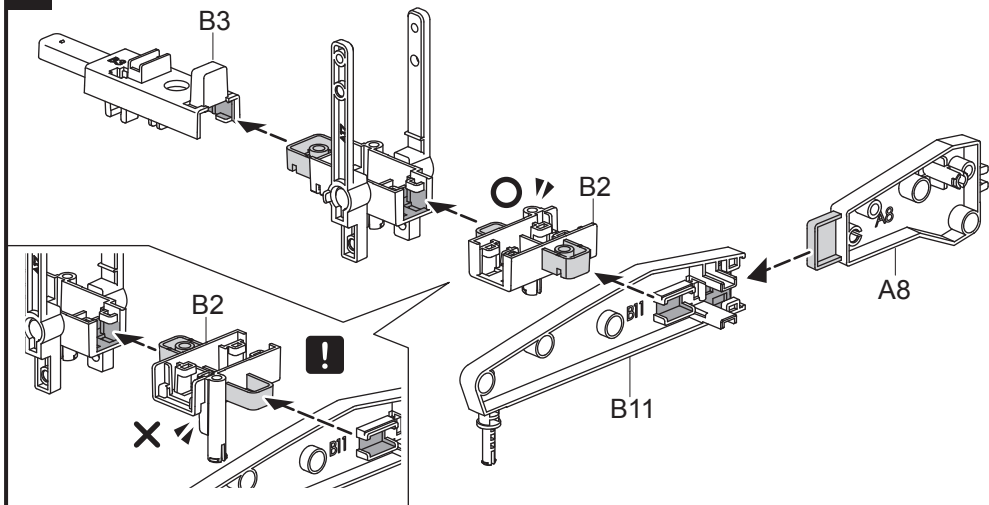
零件

2

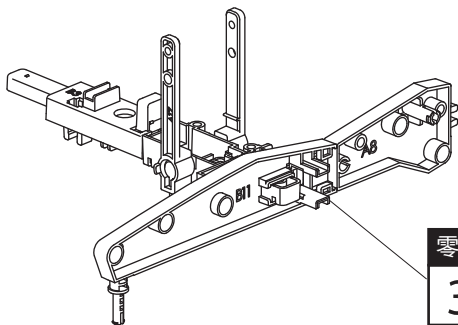
4



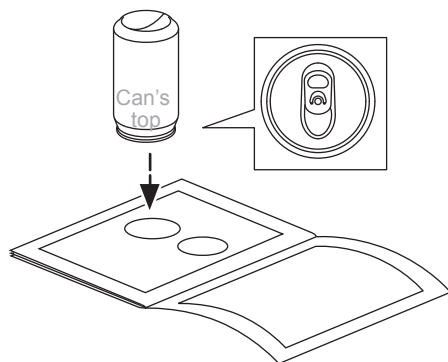
5



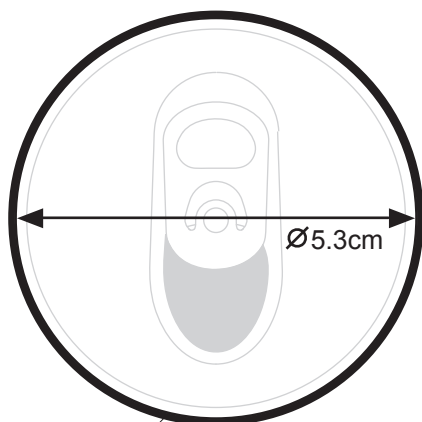
6 使用下圖確認鋁罐頭部尺寸



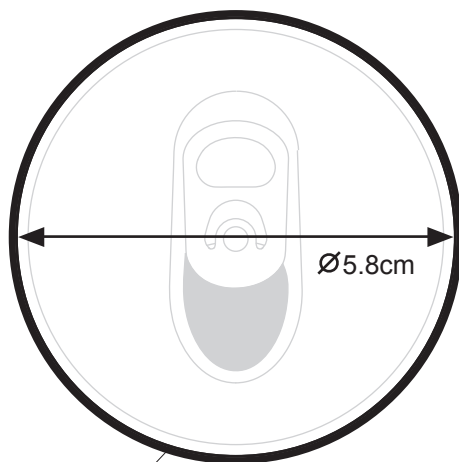
零件
3



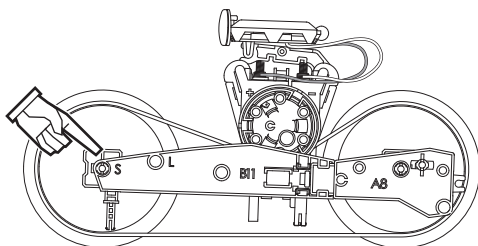
鋁罐頭部尺寸比例 1:1



小尺寸



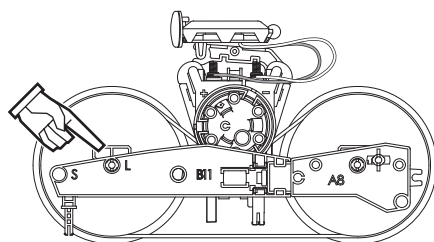
大尺寸



！ 注意：

如果使用小尺寸鋁罐(Ø5.3cm)

在步驟 **21** 請裝到"S"孔

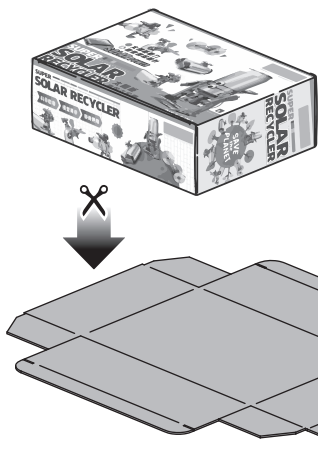


！ 注意：

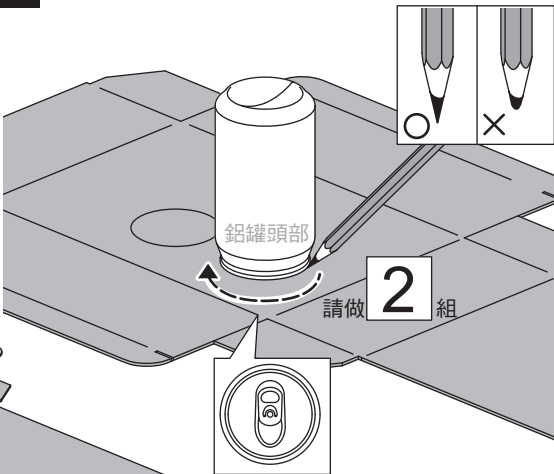
如果使用大尺寸鋁罐(Ø5.8cm)

在步驟 **21** 請裝到"L"孔

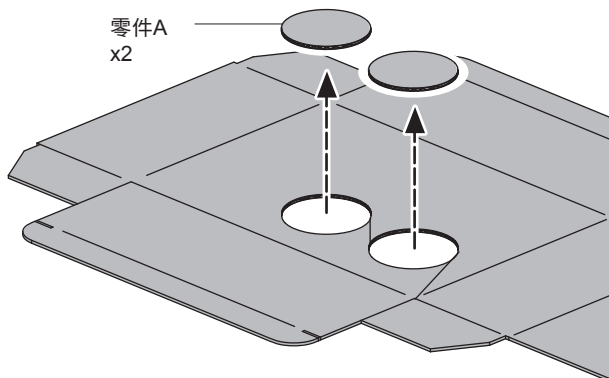
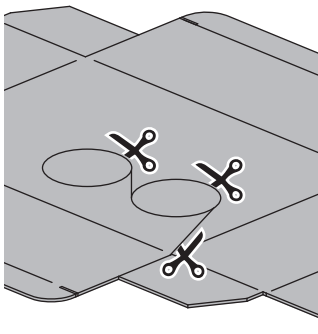
7 展開彩盒



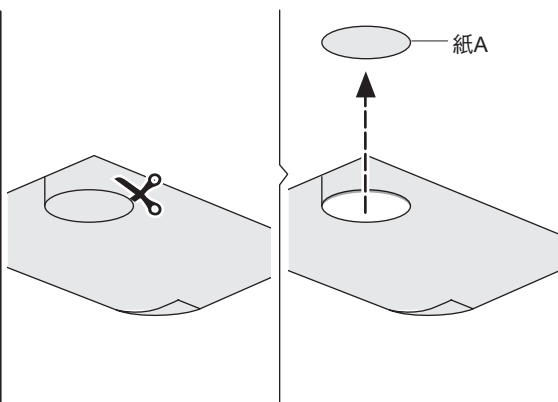
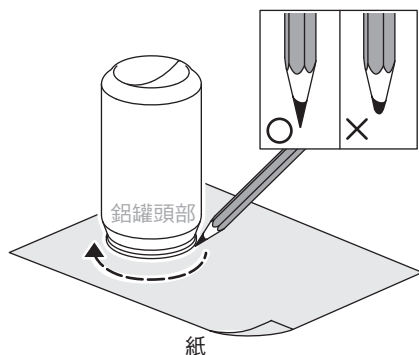
8 沿著鋁罐頭部在彩盒上畫下兩個圈圈



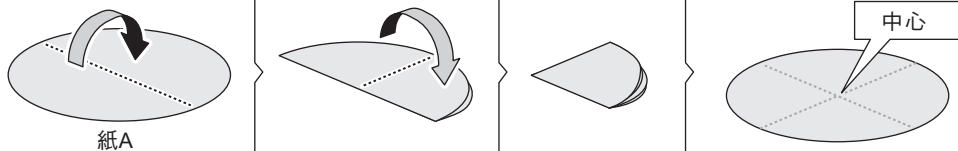
9 用剪刀將兩個圈圈剪下



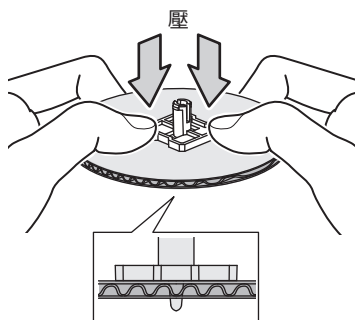
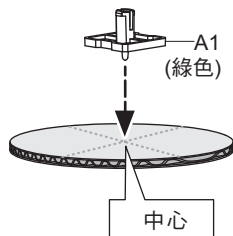
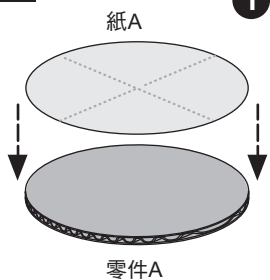
10 沿著鋁罐頭部在任意紙張上畫下圈圈，再如下圖用剪刀剪下



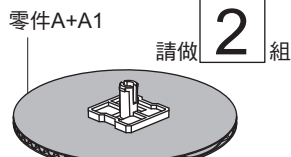
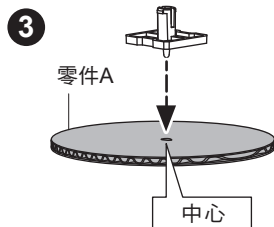
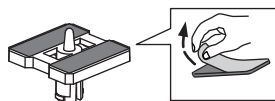
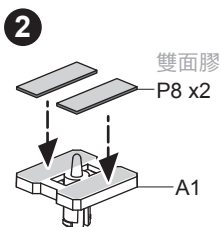
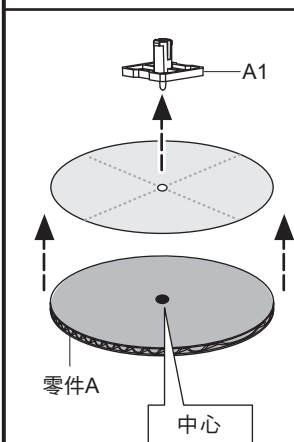
11 找出紙A中心點



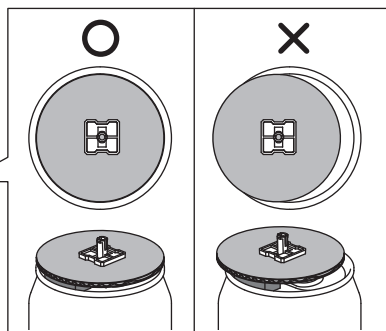
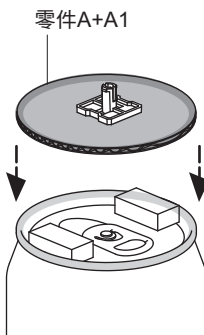
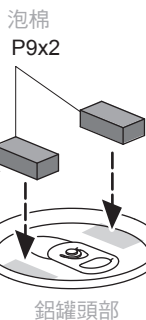
12 1



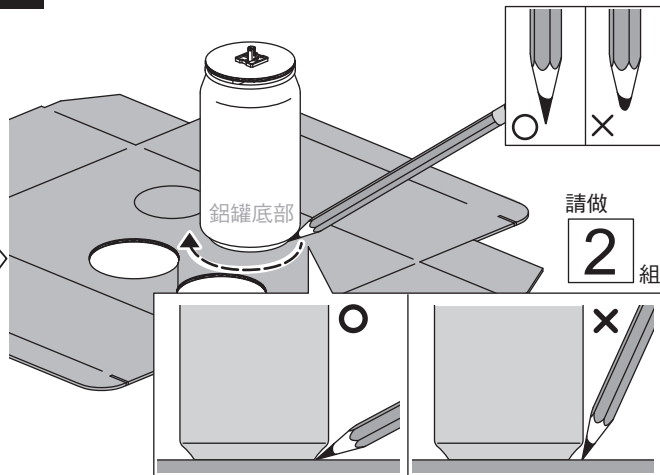
將A1從中心點壓入 (如上圖所示)



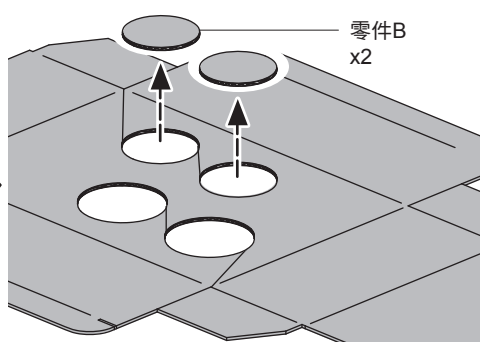
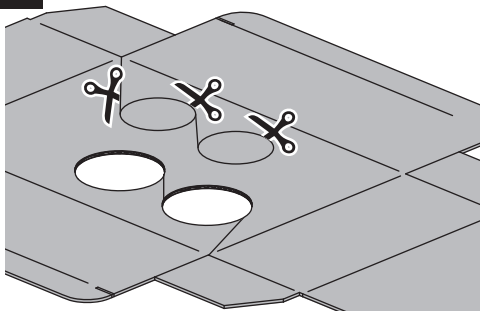
13



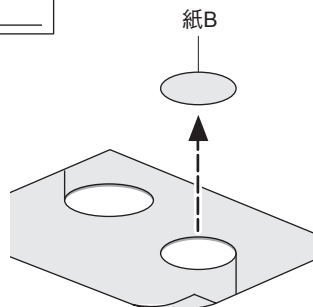
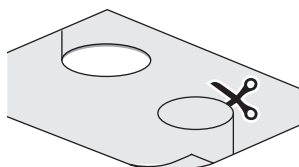
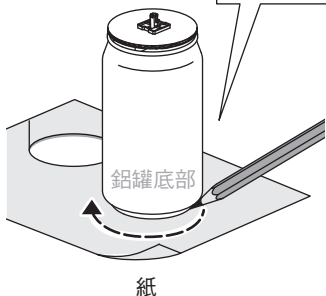
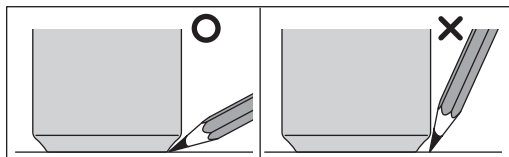
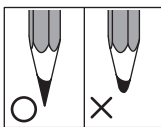
14 沿著鋁罐底部在任意紙張上畫下圈圈，再用剪刀剪下(如下圖所示)



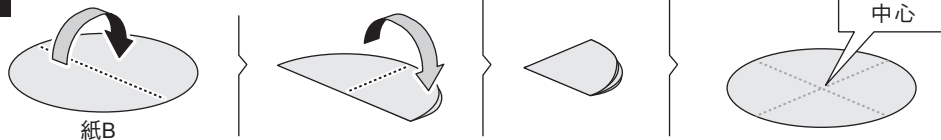
15



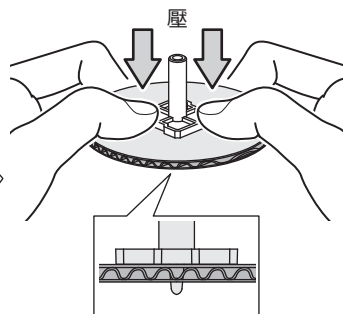
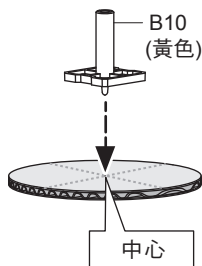
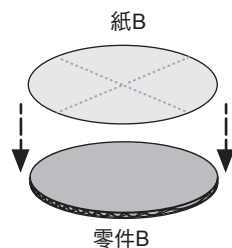
16 沿著鋁罐底部在任意紙張上畫下圈圈，再用剪刀剪下(如下圖所示)



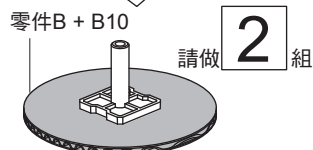
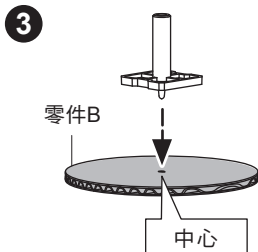
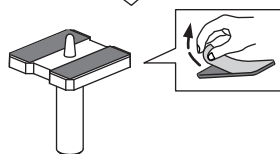
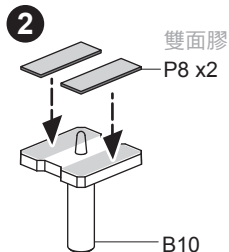
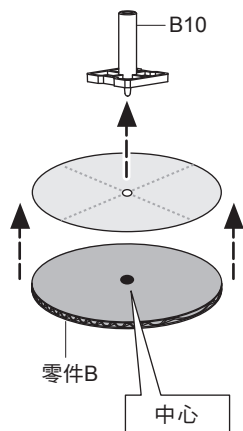
17 找出紙B中心點



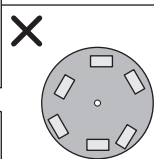
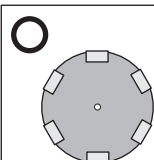
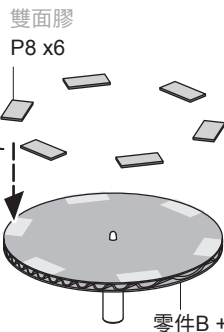
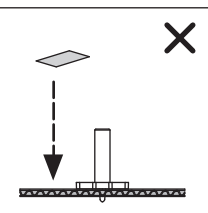
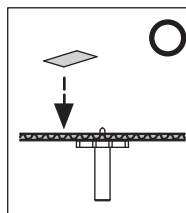
18 1

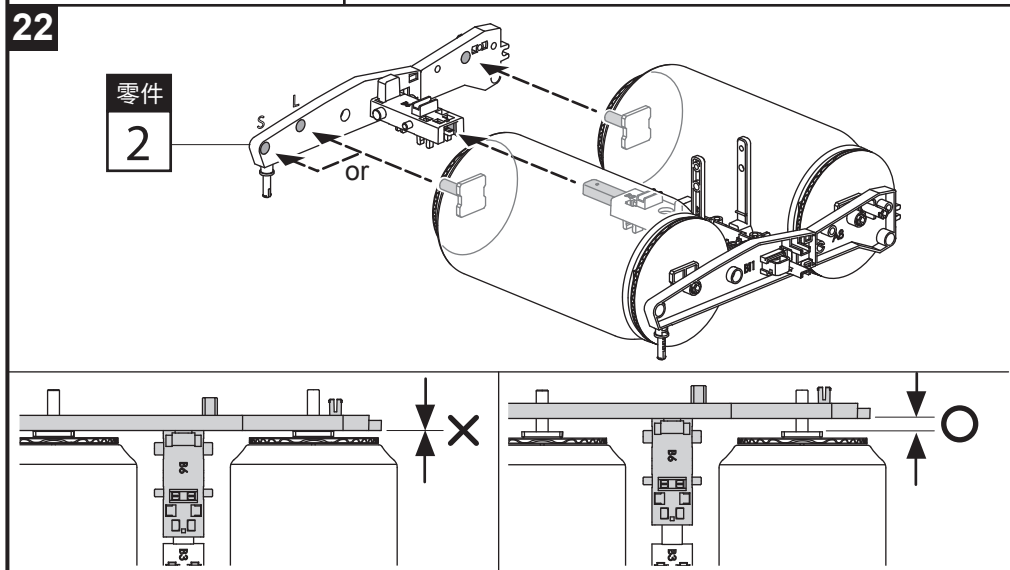
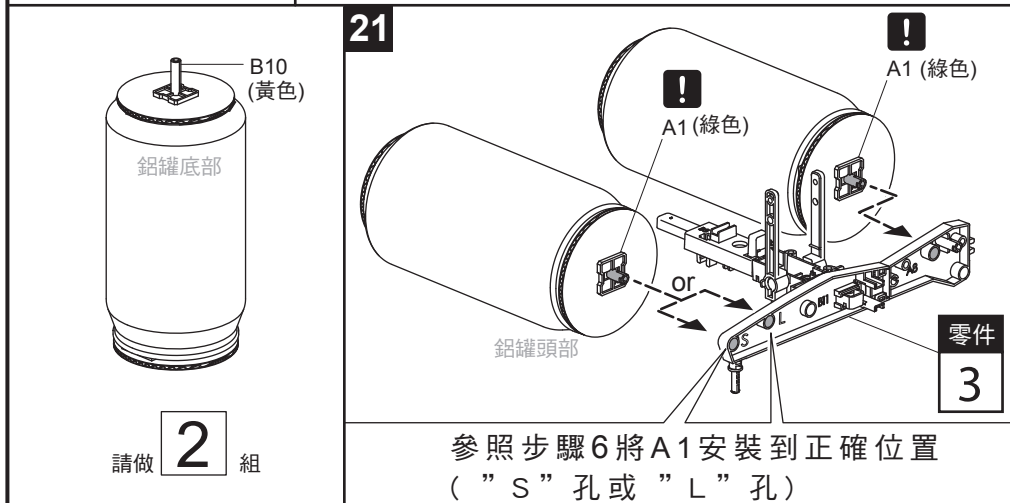
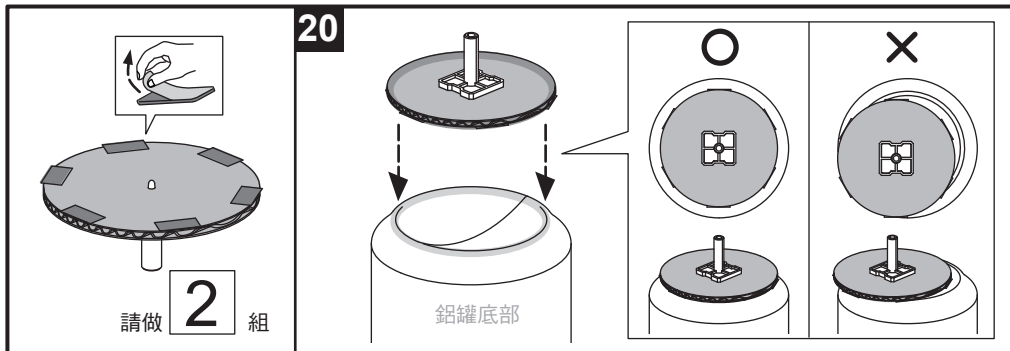


將B10從中心點壓入 (如上圖所示)

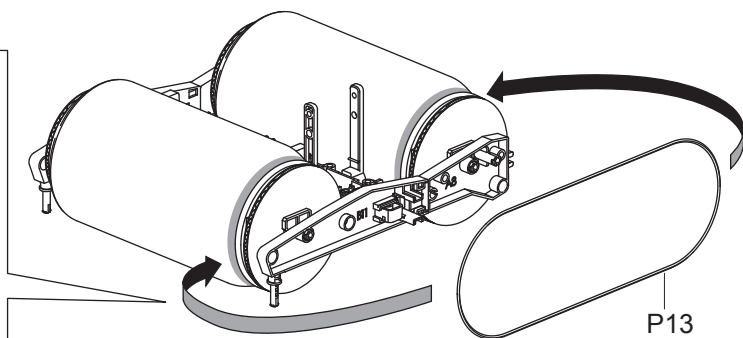
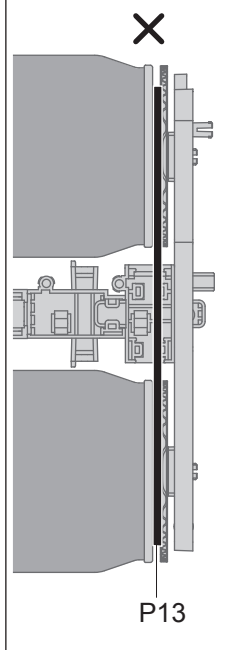
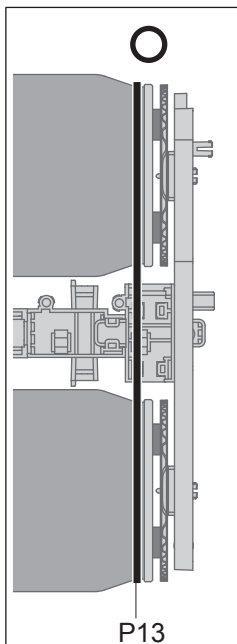


19





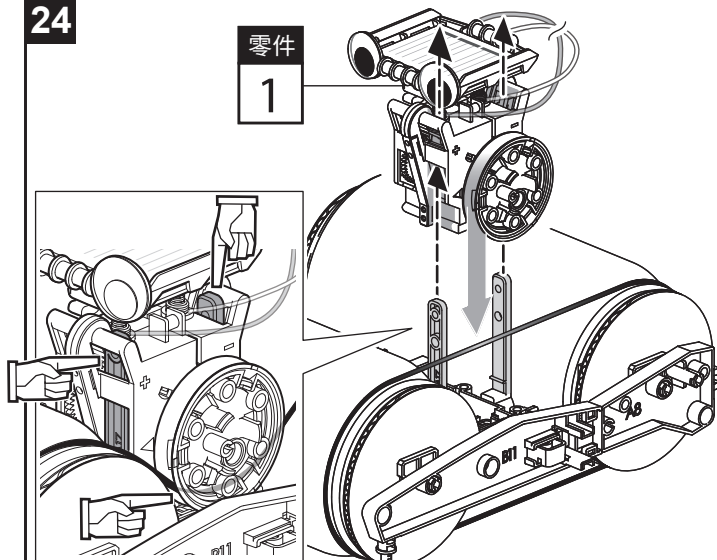
23



24

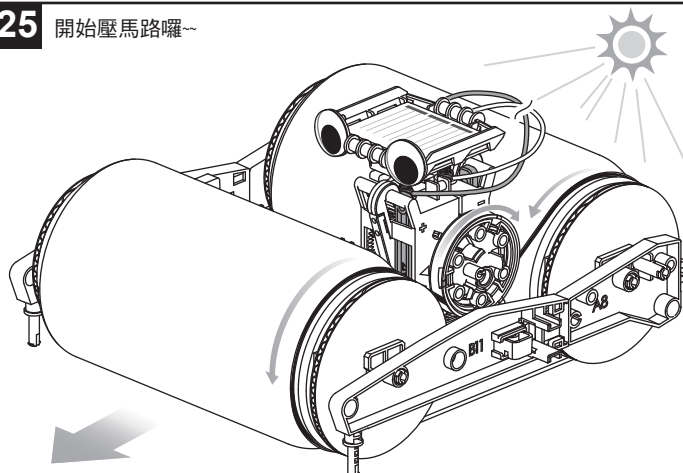
零件

1



25

開始壓馬路囉~



若需要購買零件，請參照以下零件表

1. 請留下訂購人姓名、寄送地址、連絡電話、E-mail
2. 請註明產品名稱、產品型號、零件名稱、零件型號以及數量
3. 請以傳真、E-mail、電話或上寶工購物網 <https://shop.prokits.com.tw> 訂購

寶工實業股份有限公司

新北市新店區民權路130巷7號5樓

客服專線:02-22183233 分機327

傳 真:02-22180267

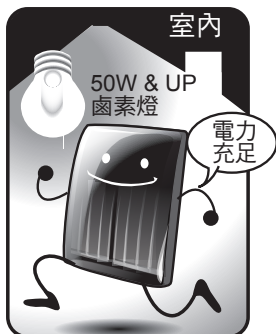
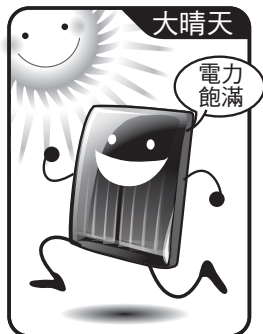
E-mail:science@mail.prokits.com.tw

寶工購物網:<https://shop.prokits.com.tw>

GE-616 太陽能環保六金剛 零件表

零件型號	品名	數量
5GE-616000P1	小齒輪(黃色)	
5GE-616000P2	六角軸齒輪組(綠色)	
5GE-616000P3	齒輪(橘色)	
5GE-616000P4	圓軸	
5GE-616000P5	圓軸齒輪組(紫色)	
5GE-616000P6	太陽能板	
5GE-616000P7	馬達彈簧組	
5GE-616000P8	雙面膠	
5GE-616000P9	泡棉	
5GE-616000P10	眼睛	
5GE-616000P11	翅膀	
5GE-616000P12	橡皮筋	
5GE-616000P13	橡膠皮帶	
5GE-616000P14	彩色禮盒	
5GE-61600PPA	塑膠零件A	
5GE-61600PPB	塑膠零件B	
5GE-61600IM	說明書	

It's time to have some FUN !



1. 請在陽光充足的日子，戶外陽光直射下能得到最佳的遊玩效果。
2. 室內遊玩請使用50瓦鹵素燈。
3. 以下狀況無法使玩具移動: 陰天、陰暗處、間接光線、螢光燈等。
4. 太陽強度簡易辨識: 在太陽下手掌接近地面，可清楚看到手掌影子的邊緣線條，若邊緣線條模糊，表示強度不足，玩具可能移動緩慢或不移動。

Pro'sKit®

GE-616

SUPER 
SOLAR
RECYCLER


太陽能環保六金剛

寶工實業股份有限公司

新北市新店區民權路130巷7號5樓

客服專線:02-22183233

傳 真:02-22180267

E-mail:science@mail.prokits.com.tw

寶工購物網:<https://shop.prokits.com.tw>

