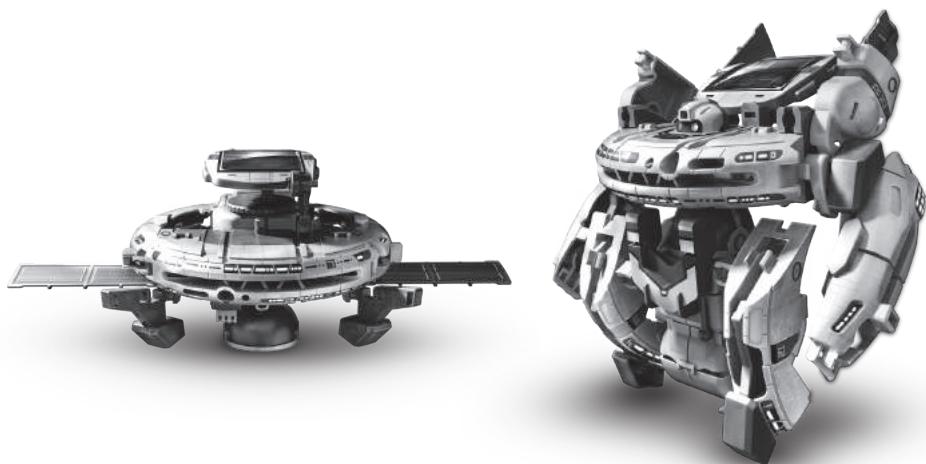


GE-641

Pro'sKit®

7合1太陽能星際艦隊

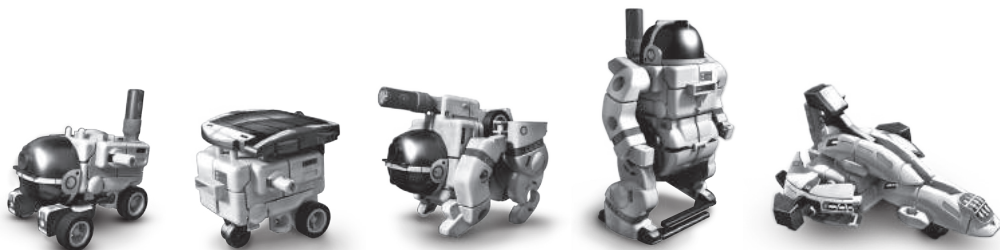
7 IN 1 SOLAR RECHARGEABLE SPACE FLEET



Assembly & Instruction

Manual

組裝說明手冊



7合1太陽能星際艦隊

產品介紹

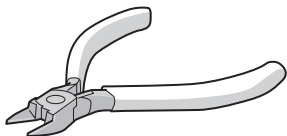
歡迎購買寶工GE-641 7合1太陽能星際艦隊，這是一款對環境安全、無毒、乾淨的太陽能電池玩具。為兒童提供學習太陽能科學原理的機會，同時也幫助孩子增加自己的創造力，發展對太空探索的想像。本玩具套件配有組裝所需的塑膠模型零件、微型充電電池及太陽能板等配件。本玩具可由太陽能電池板或微型充電電池供電。微型充電電池有兩種充電方式；直接由陽光充電，或是由鹼性電池充電(出貨不附)，不論室內、室外，兒童皆可盡情享受星際冒險的樂趣。



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。

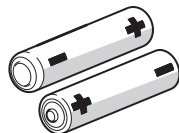
自備工具如下



斜口鉗



剪刀



AAA電池2個

零件清單



P1

小齒輪(黃色) x1個



P2

小齒輪(藍色) x1個



P3

齒輪(黃色) x2個



P4

圓軸齒輪組 x1個



P5

海綿 x3個



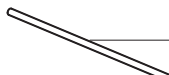
P6

圓軸(短) x3個



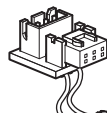
P7

六角軸 x1個



P8

圓軸(長) x1個

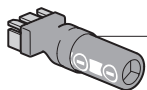


P9

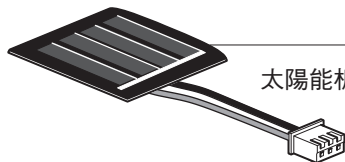
馬達端子組 x1個



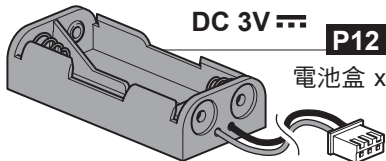
1. 請勿將電線連接到其他電源或牆上插座。
2. 部分零件含有銳利的邊緣及尖角, 組裝時請注意。

**P10**

微型充電電池 x1個

**P11**

太陽能板端子組 x1個



DC 3V

P12

電池盒 x1個

**P13**

3個(附1個備品)

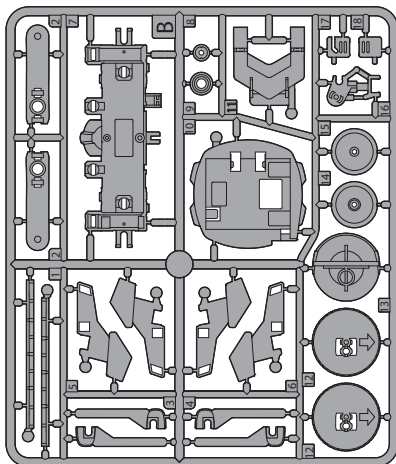
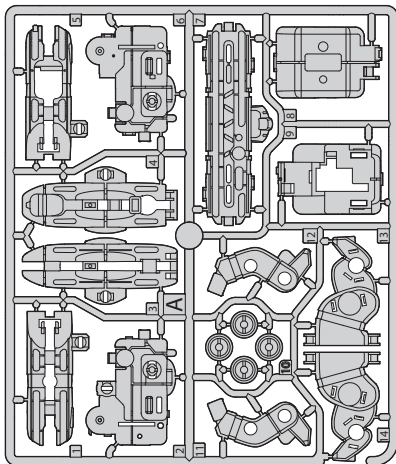
車輪

**P14**

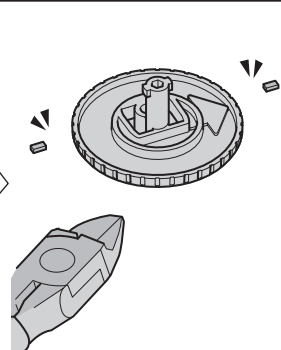
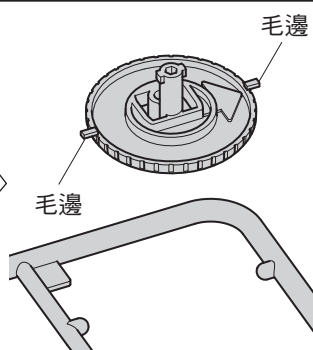
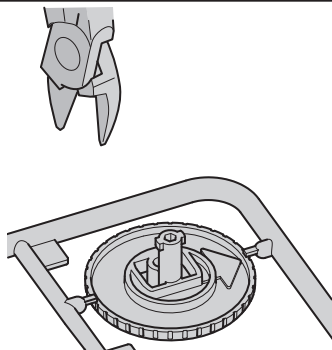
4個

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。

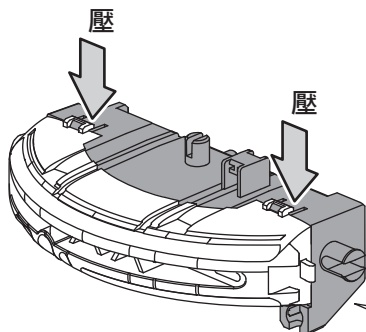


小技巧提醒 :請將毛邊剪切乾淨，以免產生間隙影響組裝。

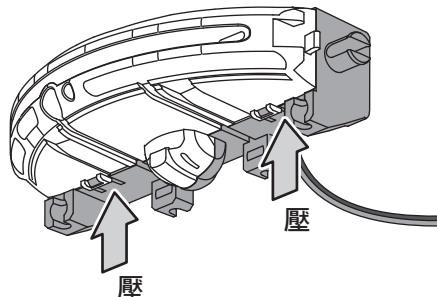


小技巧：各模組拆解方式

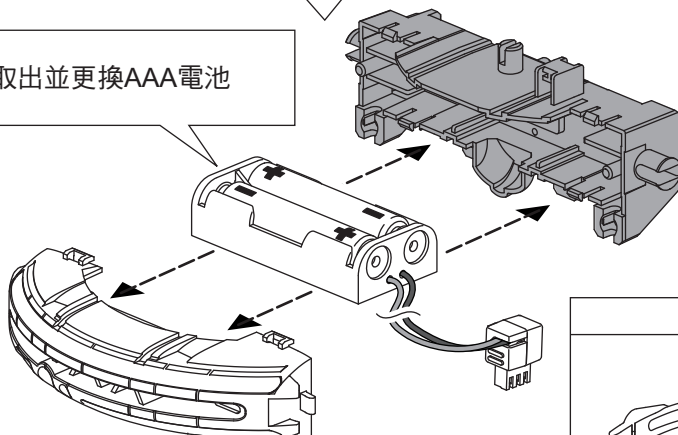
電池組



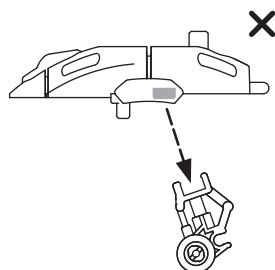
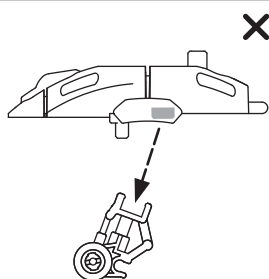
底視圖



取出並更換AAA電池

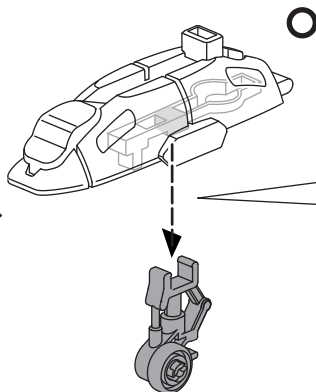
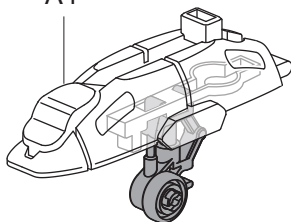


側視圖

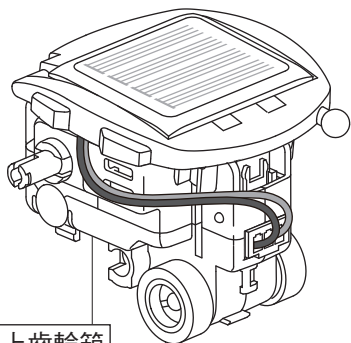


起落架

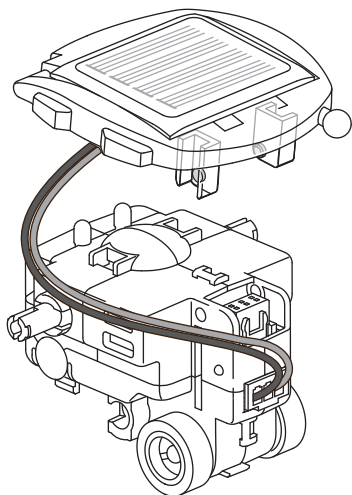
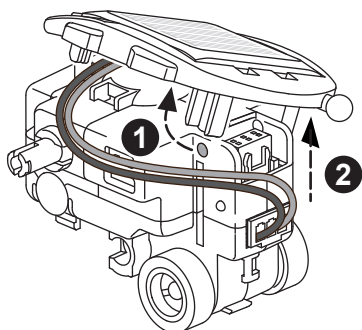
A4



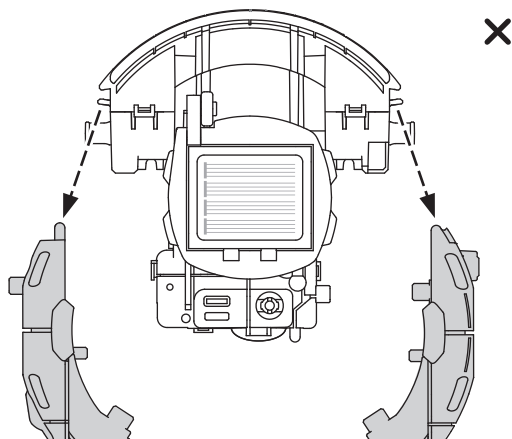
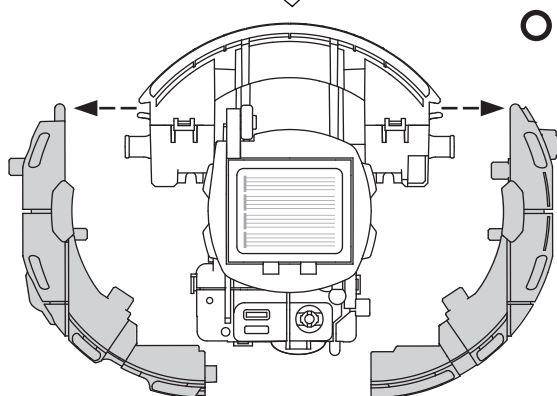
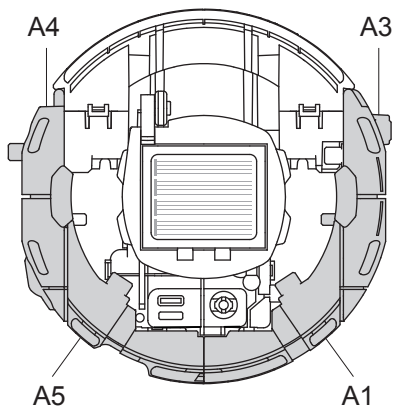
太陽能板模組



上齒輪箱

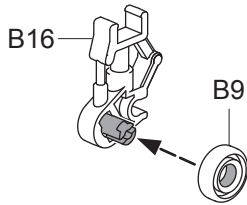


太空站模組



起落架組裝

1

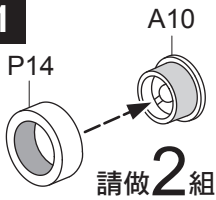


2 完成

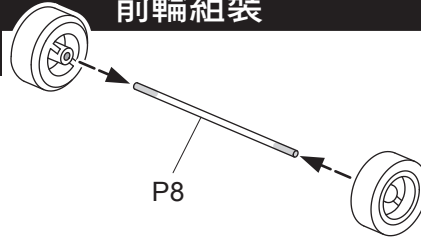


前輪組裝

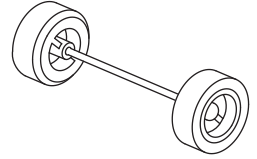
1



2

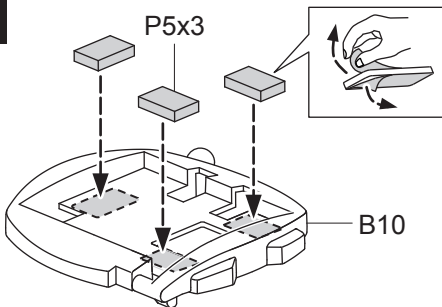


3 完成

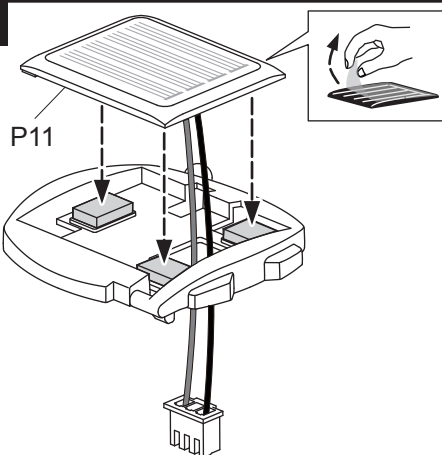


太陽能板模組組裝

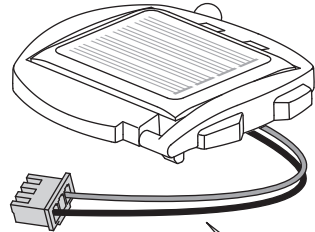
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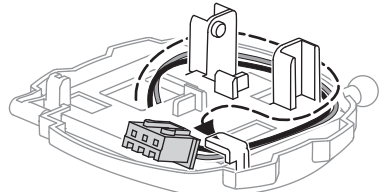
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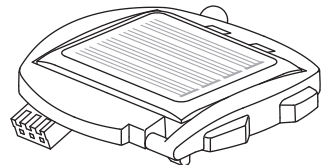
3



將線材卡入如下位置固定(底視圖)

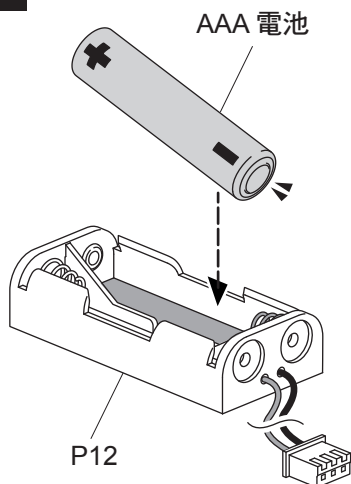


4 完成

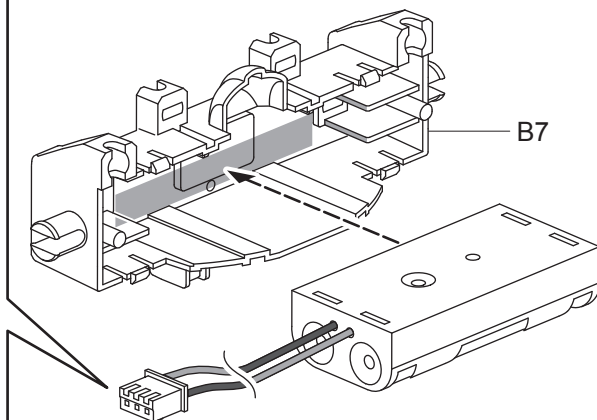


電池組組裝

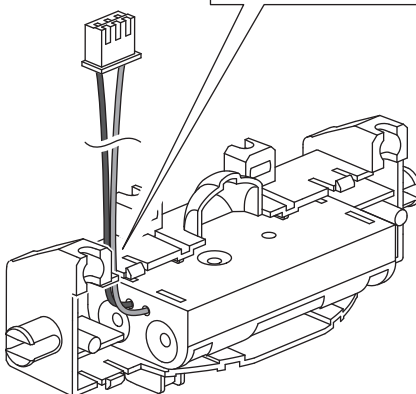
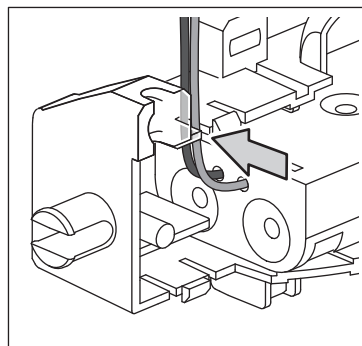
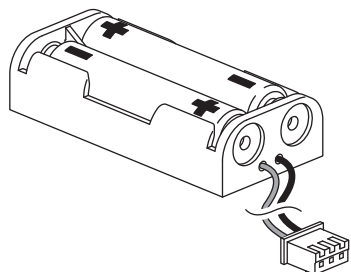
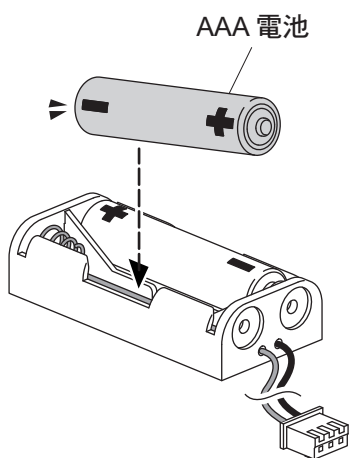
1



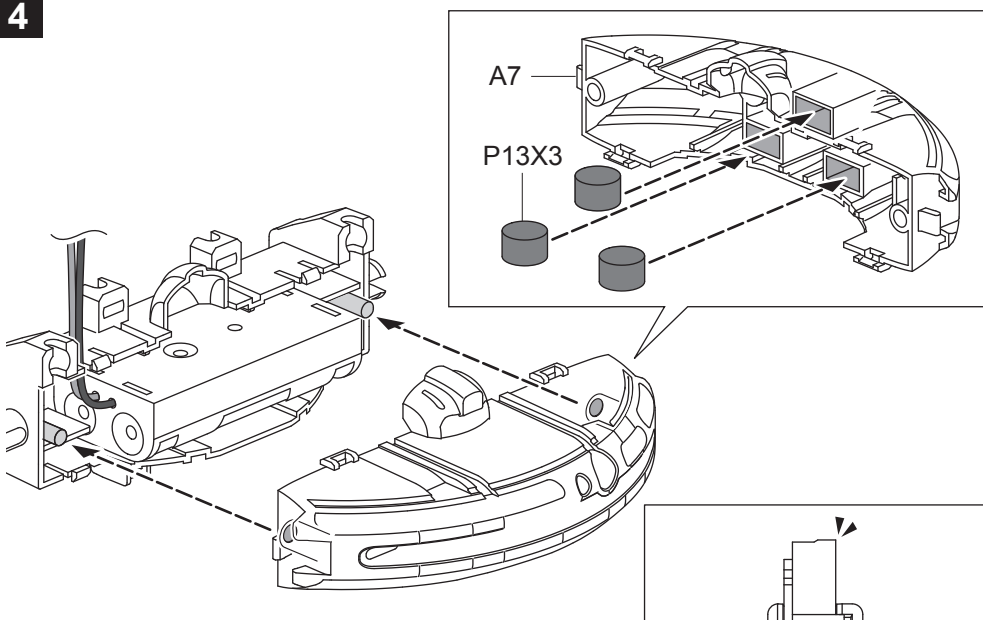
2



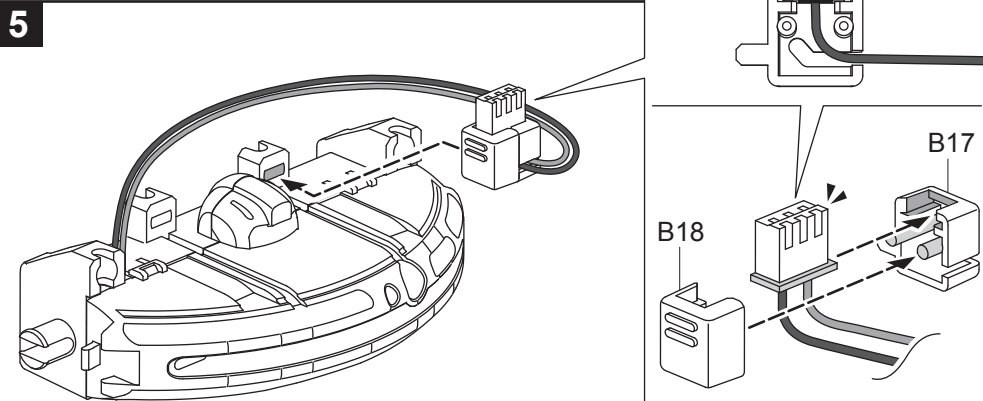
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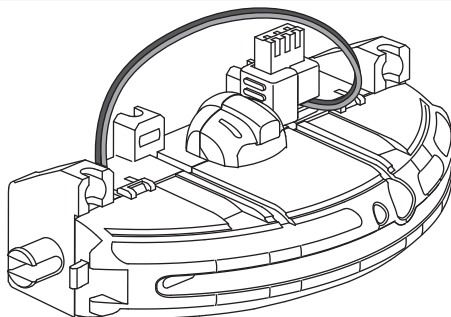
4



5



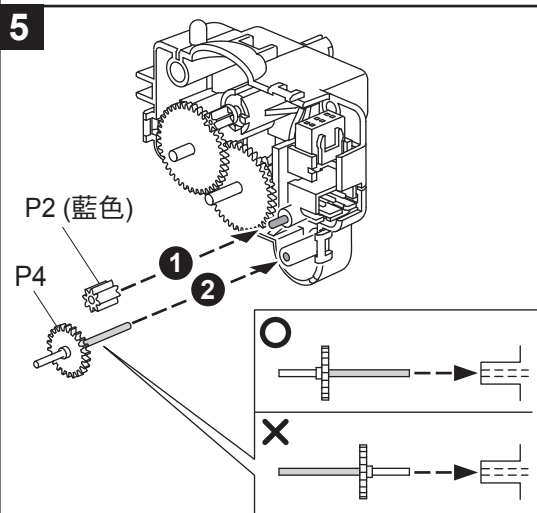
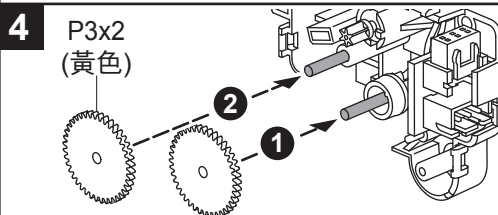
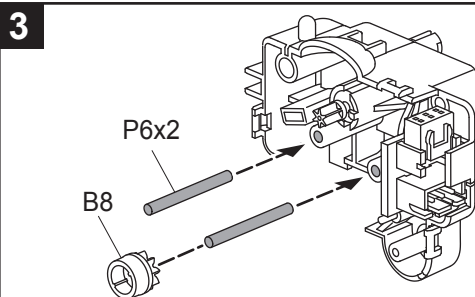
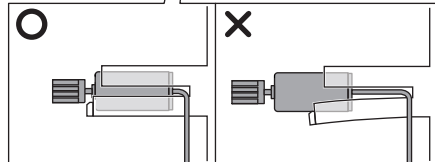
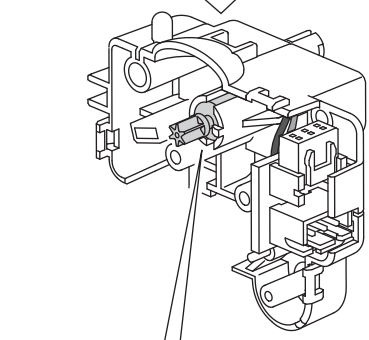
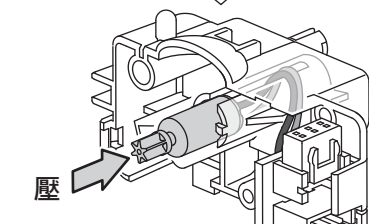
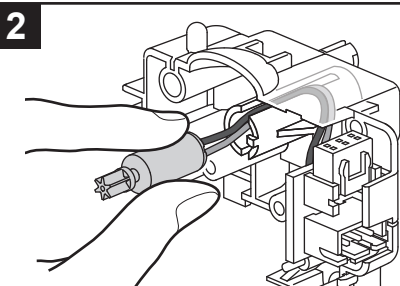
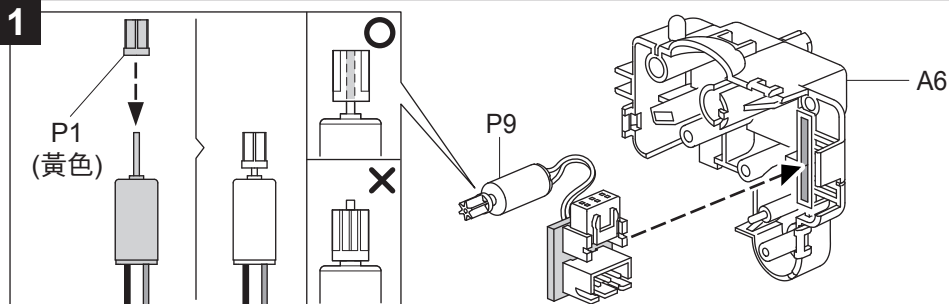
6 完成



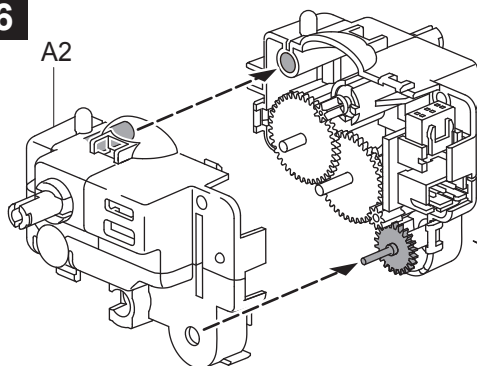
更換電池

請參照第三頁更換AAA電池

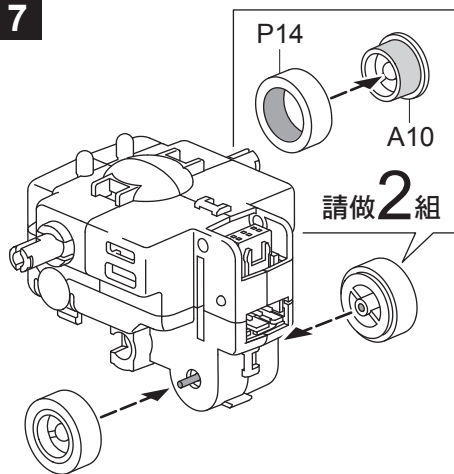
上齒輪箱組裝



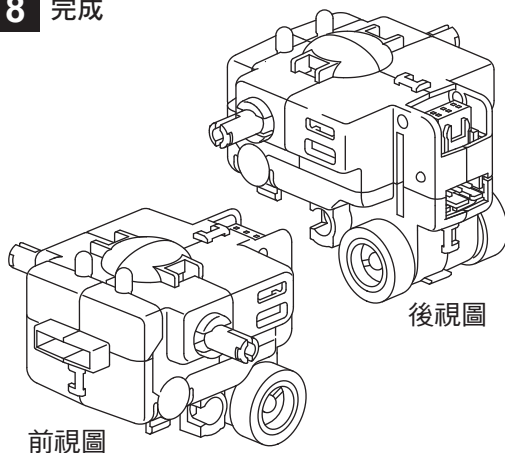
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7

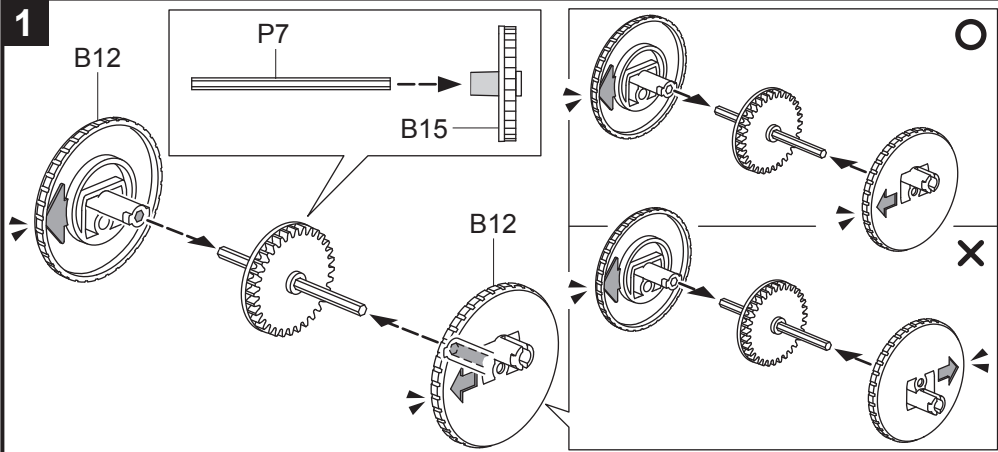


8 完成

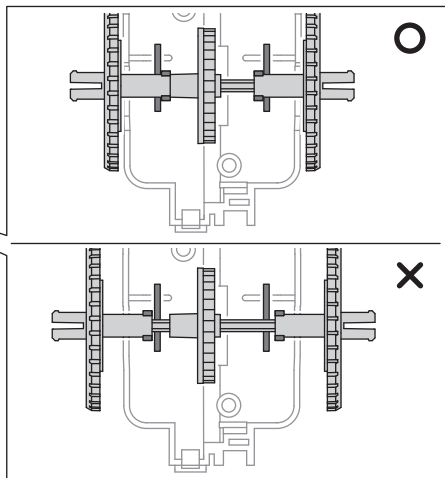
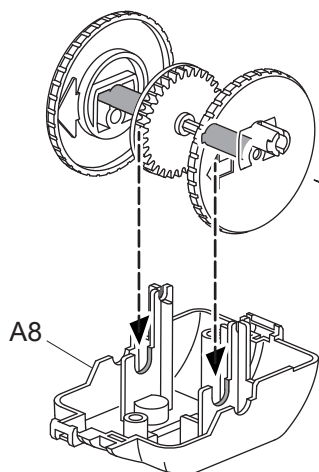


下齒輪箱組裝

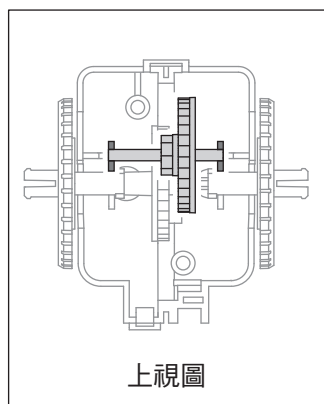
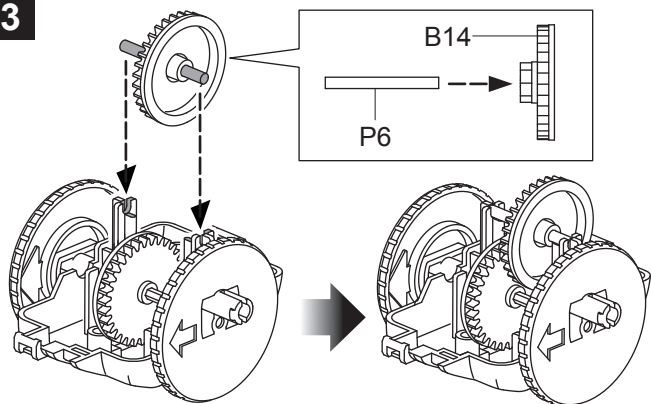
1



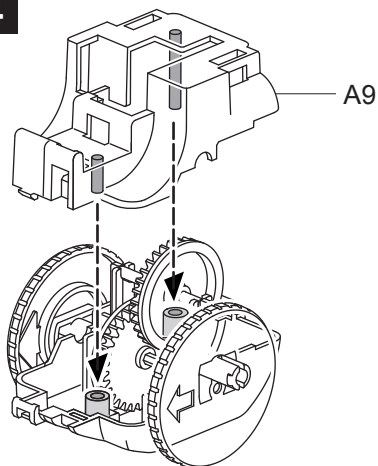
2



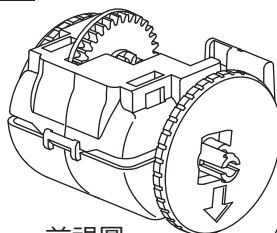
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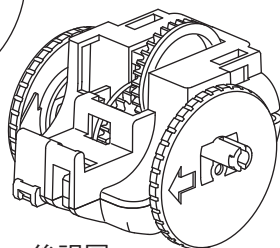
4



5 完成



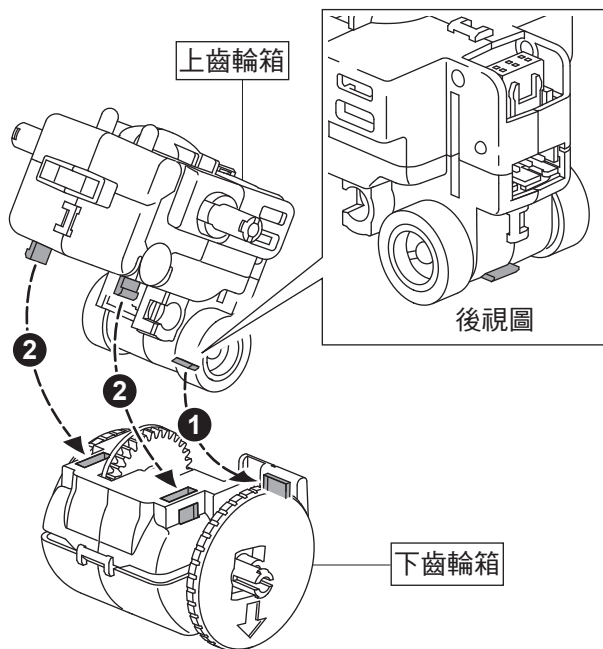
前視圖



後視圖

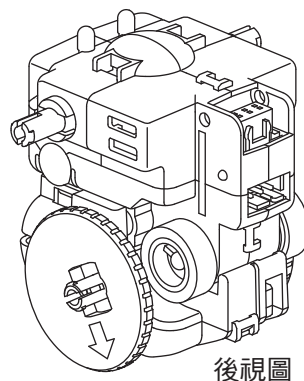
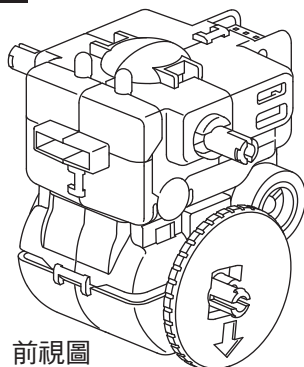
齒輪箱組裝

1

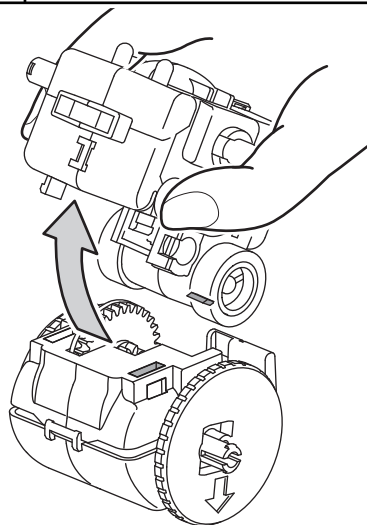
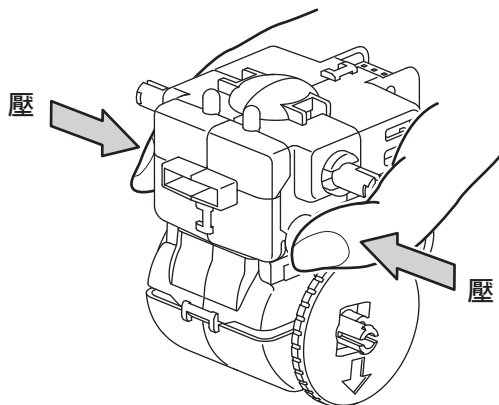


2

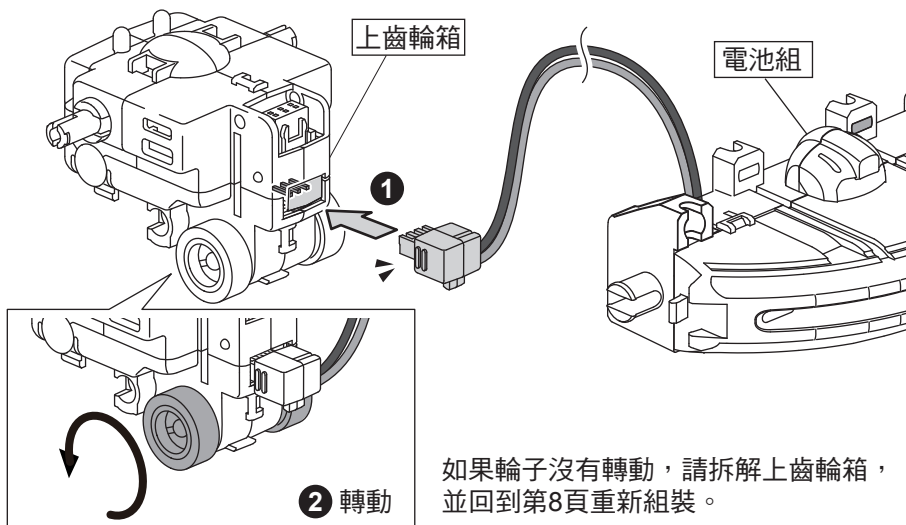
完成



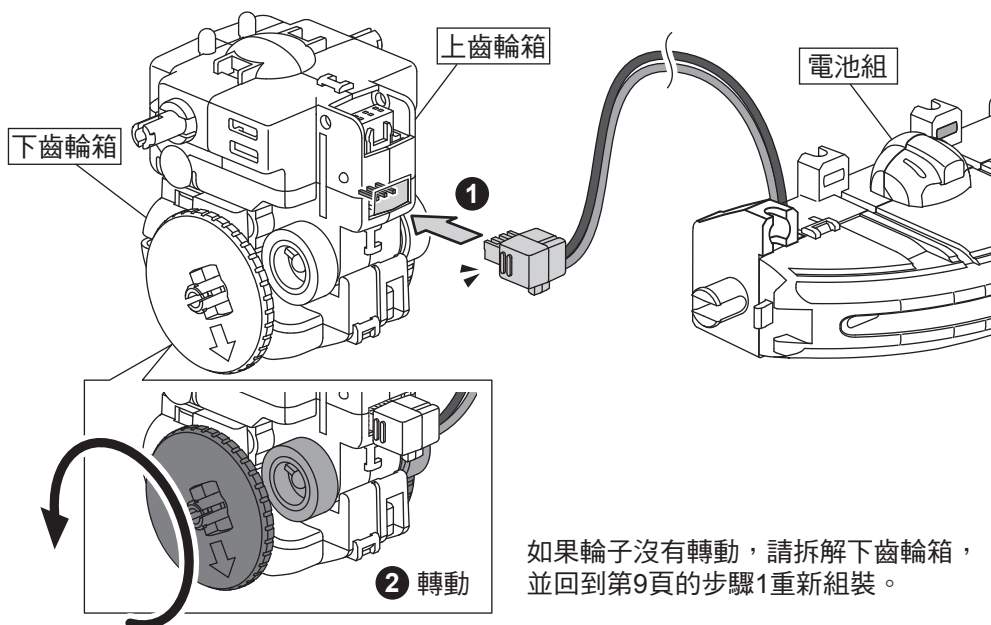
齒輪箱拆解



上齒輪箱測試

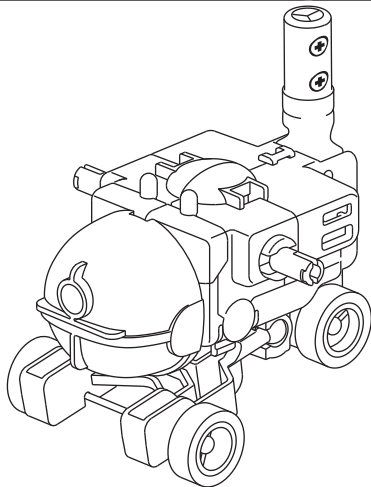


齒輪箱測試



太空探險車 組裝與遊玩

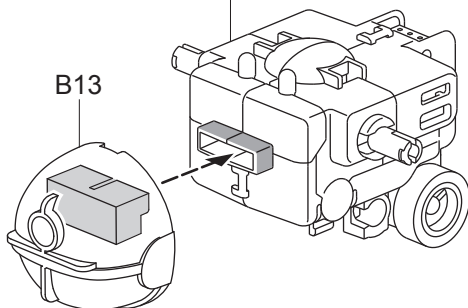
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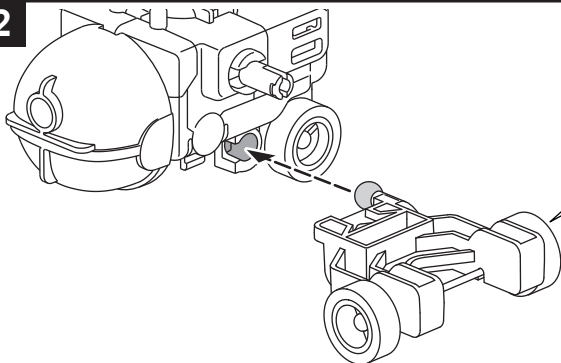
動力來源
微型充電電池

上齒輪箱

B13

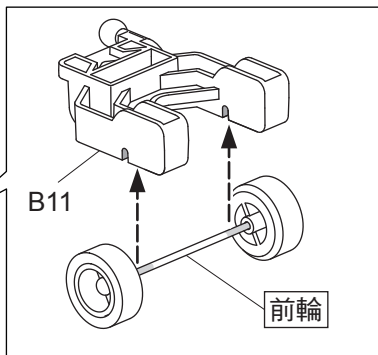


2

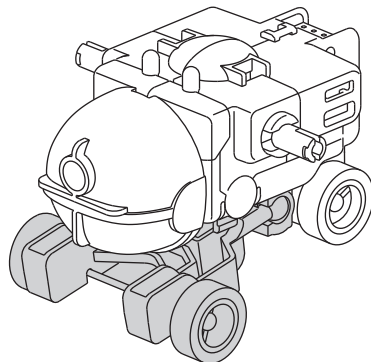
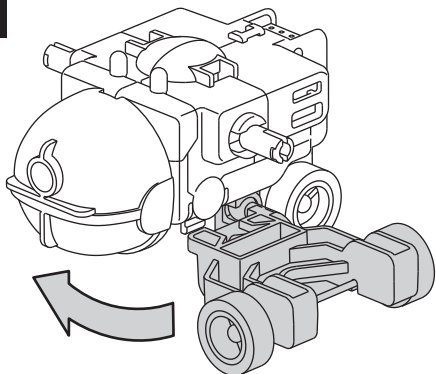


B11

前輪



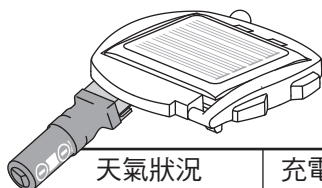
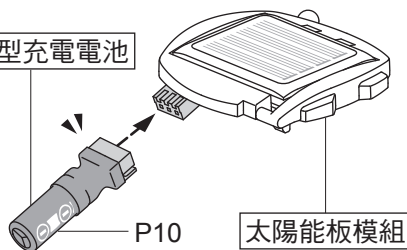
3



4 兩種充電方式

方式1：太陽能板充電

微型充電電池



天氣狀況

充電時間



約 **3** 分鐘



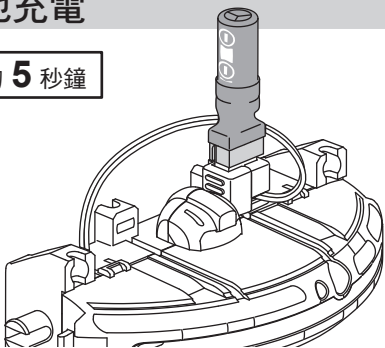
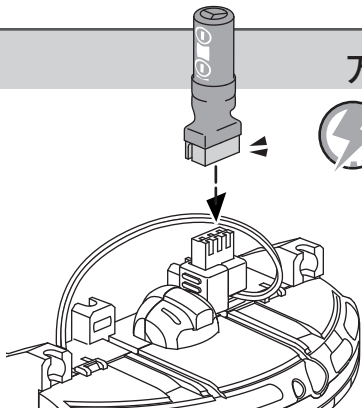
約 **10** 分鐘或以上

或

方式2：電池充電

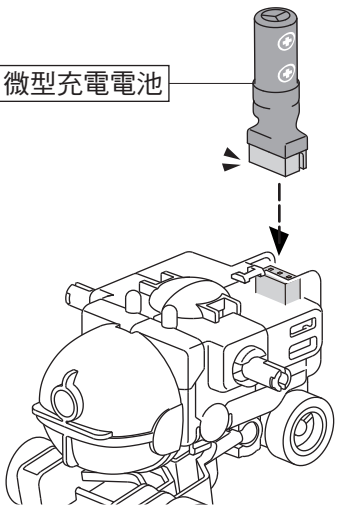


充電時間：約 **5** 秒鐘

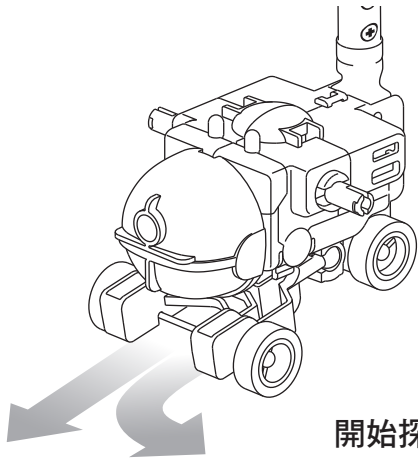


5

微型充電電池



6

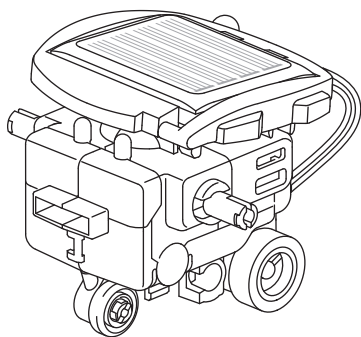


開始探險~

貼紙裝飾

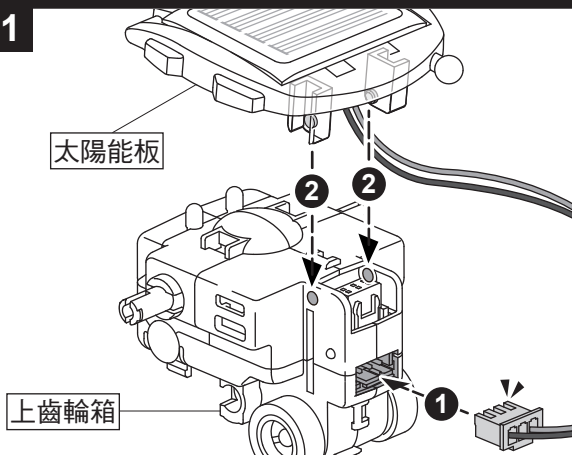
請參照第44~45頁

太空車 組裝與遊玩

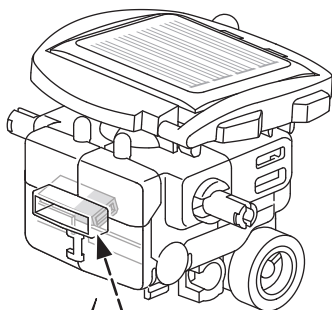


動力來源
太陽能

1

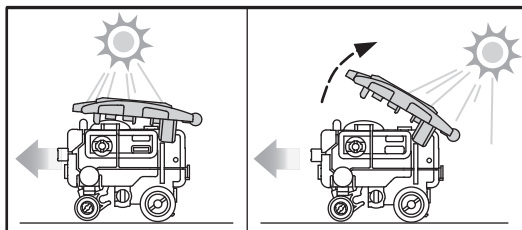
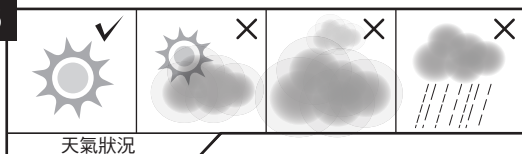


2

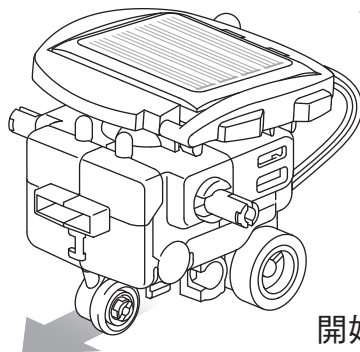


起落架

3



將太陽能板對準陽光直射位置



開始運行~

貼紙裝飾

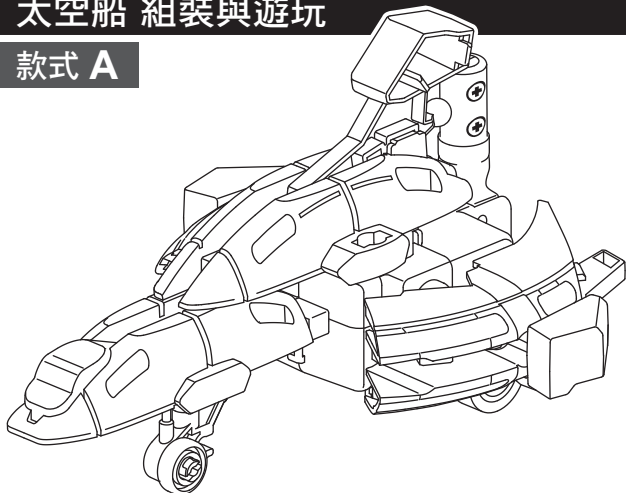
請參照第45頁

拆解方式

請參照第4頁：拆解太陽能模組

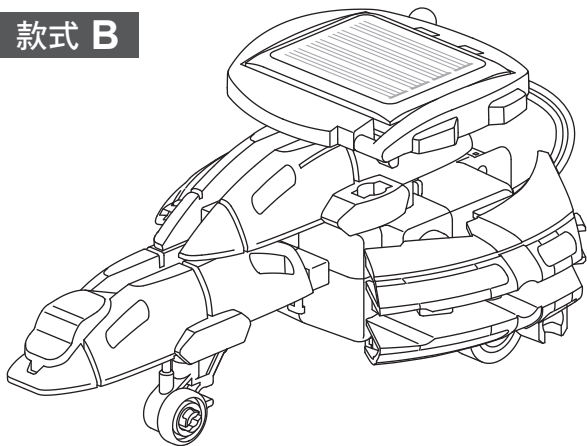
太空船 組裝與遊玩

款式 A



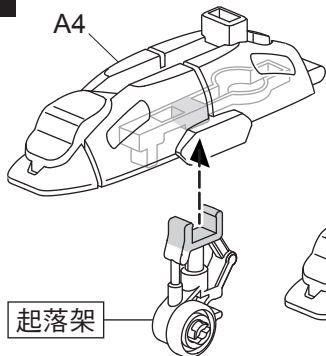
動力來源
微型充電電池

款式 B

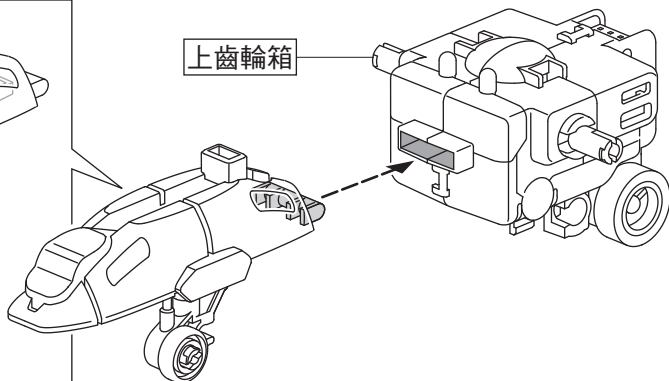


動力來源
太陽能

1

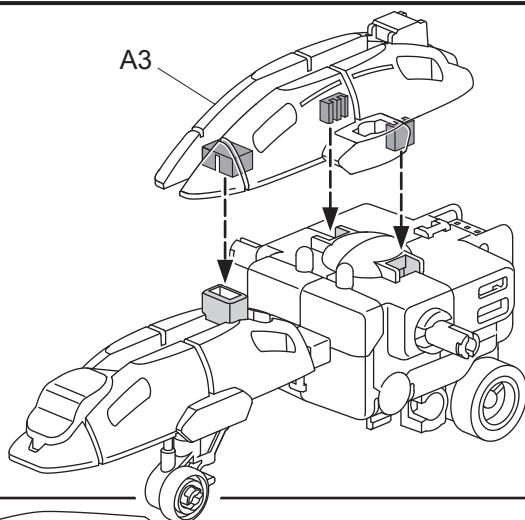


上齒輪箱

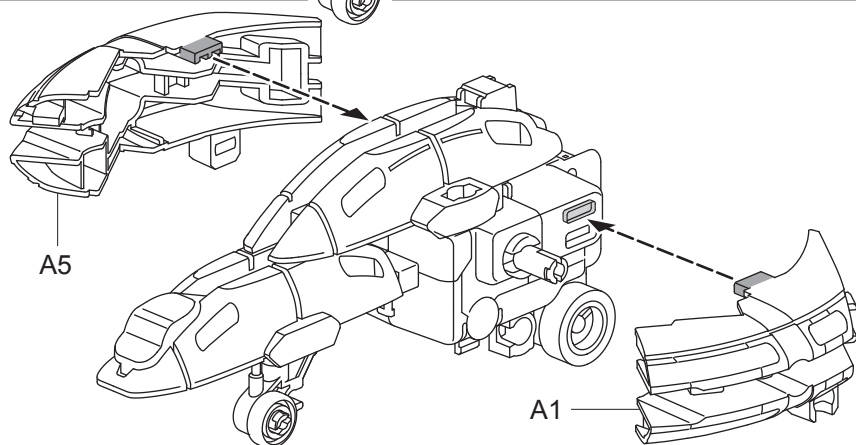


起落架

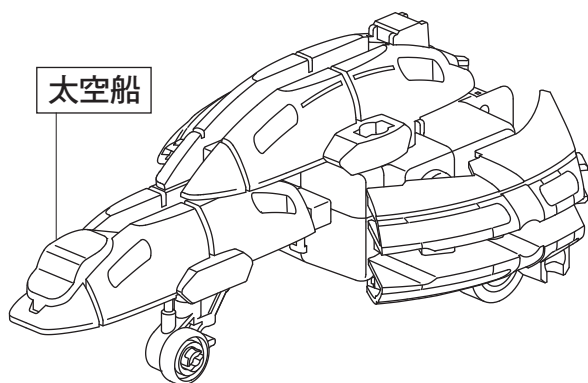
2



3

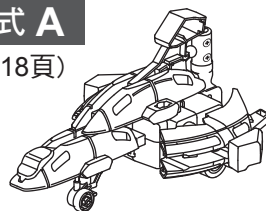


4



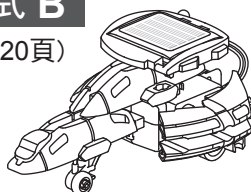
款式 A

(第18頁)



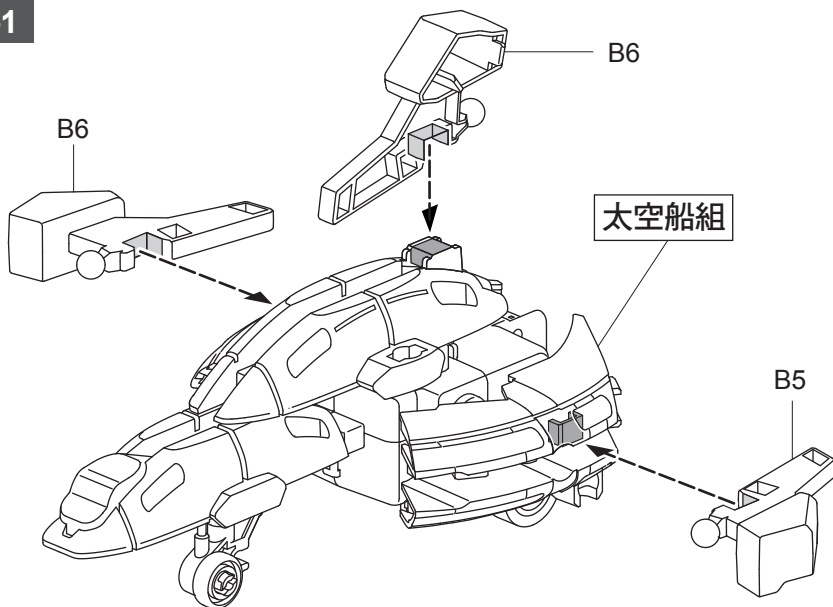
款式 B

(第20頁)



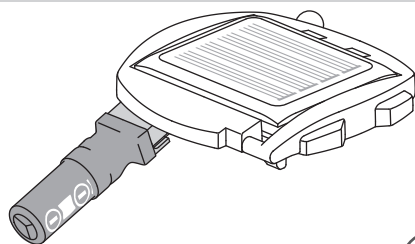
款式 A

A-1



A-2 微型充電電池的兩種充電方式

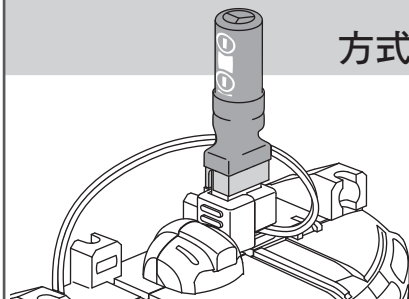
方式1：太陽能板充電



天氣狀況	充電時間 
	約 3 分鐘
	約 10 分鐘或以上

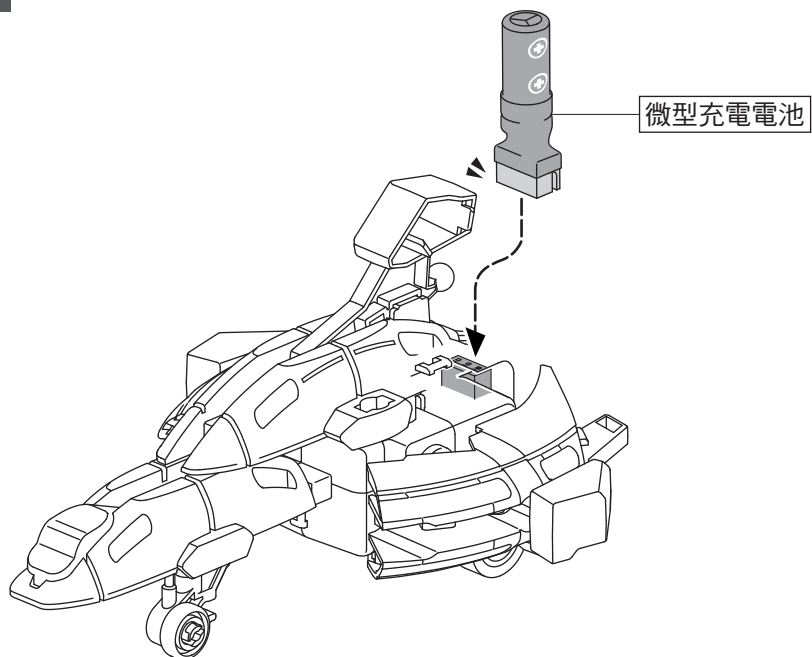
或

方式2：電池充電

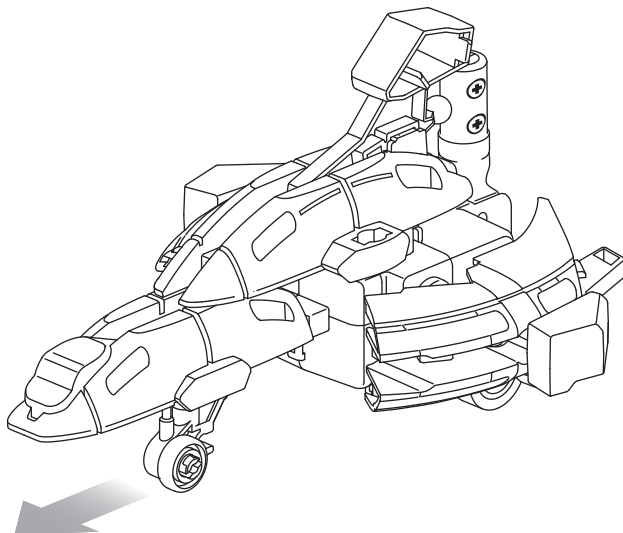


充電時間：約 **5** 秒鐘

A-3



A-4



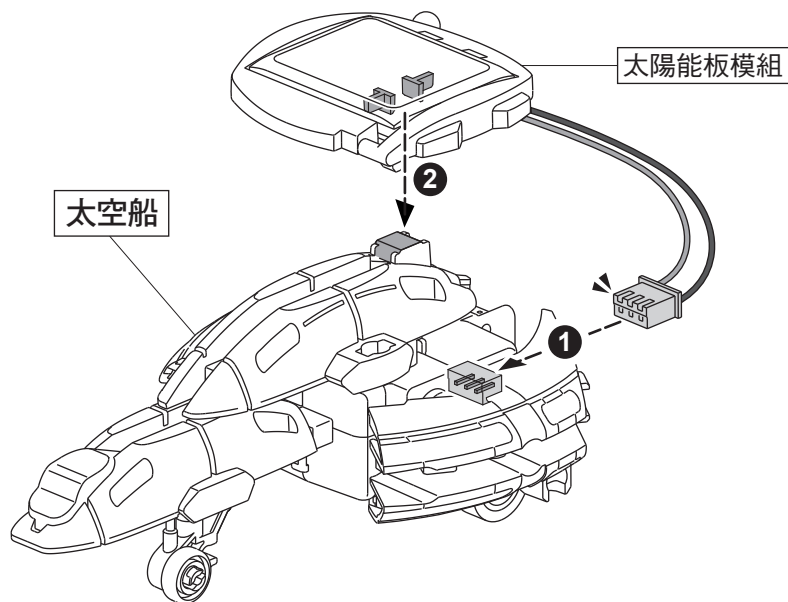
開始運行~

貼紙裝飾

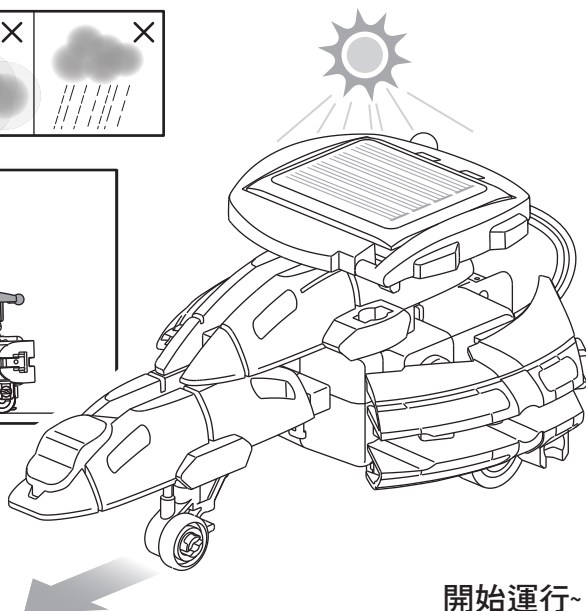
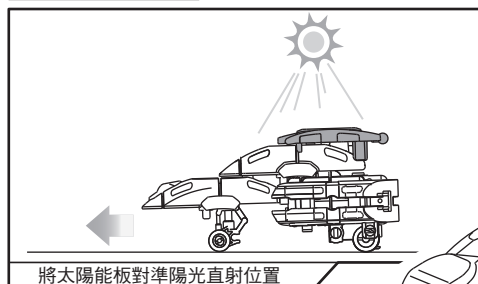
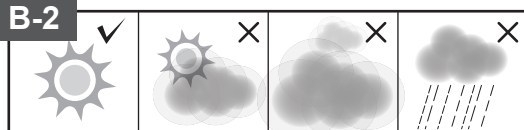
請參照第45頁

款式 B

B-1



B-2



貼紙裝飾

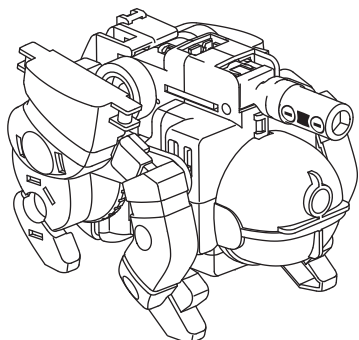
請參照第45頁

拆解方式

請參照第3頁:拆解起落架

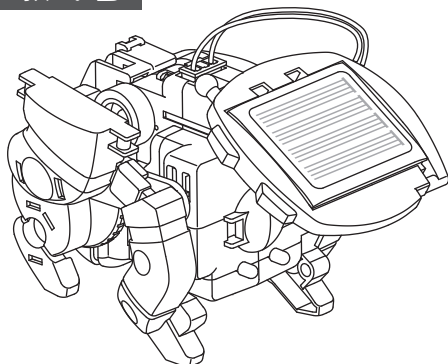
太空忠狗

款式 A



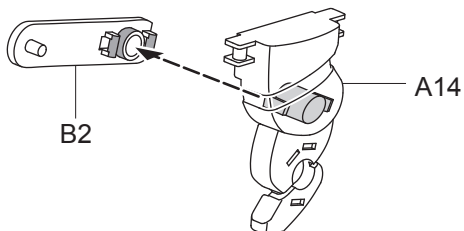
動力來源
微型充電電池

款式 B

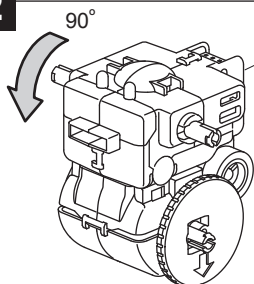


動力來源
太陽能

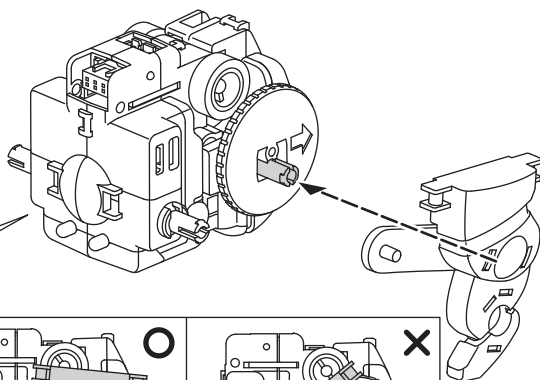
1



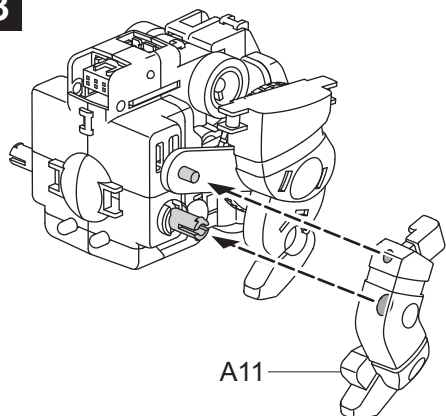
2



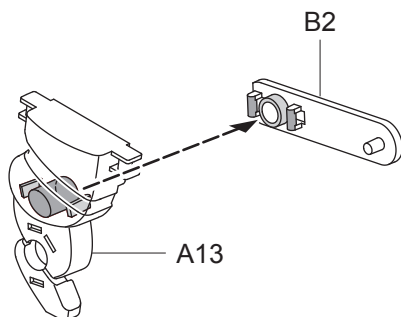
齒輪箱



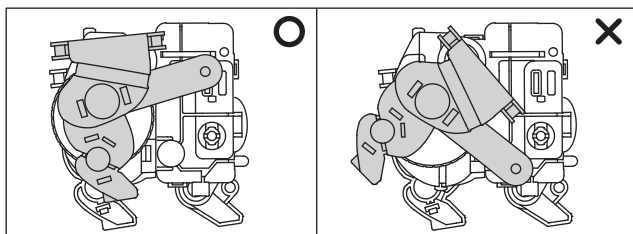
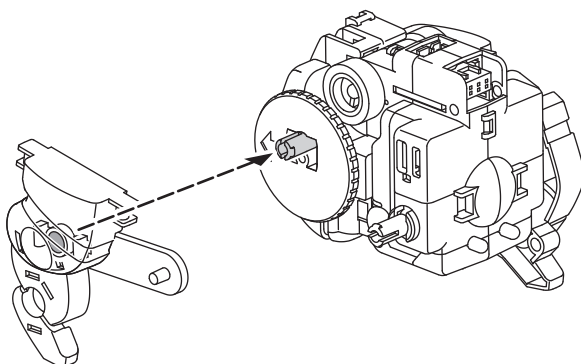
3



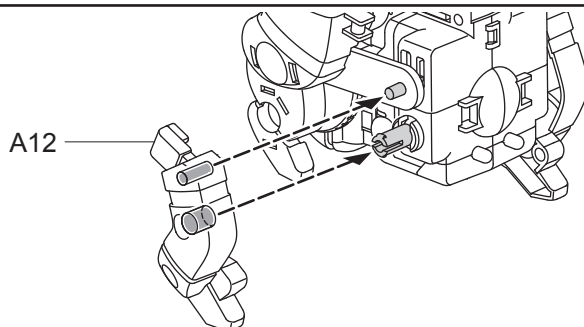
4



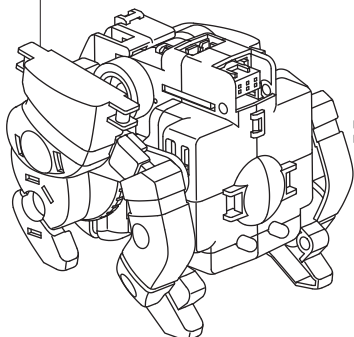
5



6

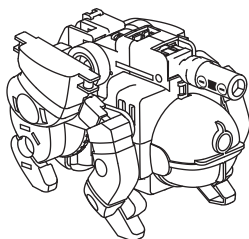


太空忠狗身體



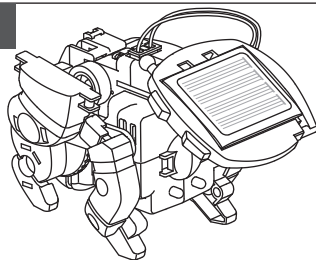
款式 A

(第23頁)



款式 B

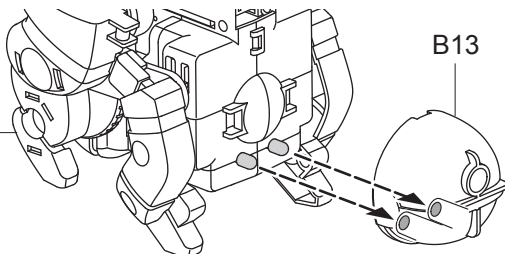
(第24頁)



款式 A

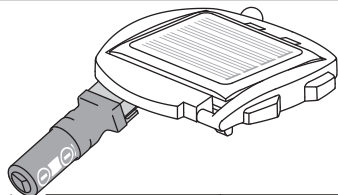
A-1

太空忠狗身體



A-2 微型充電電池的兩種充電方式

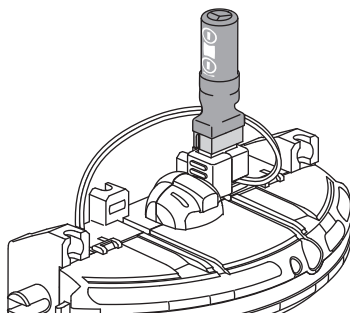
方式1：太陽能板充電



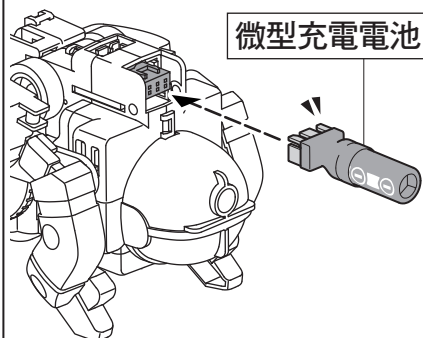
天氣狀況	充電時間
	約 3 分鐘
	約 10 分鐘或以上

或

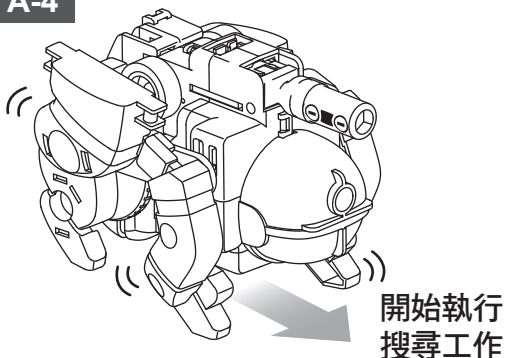
方式2：電池充電

充電時間：約 **5** 秒鐘

A-3



A-4

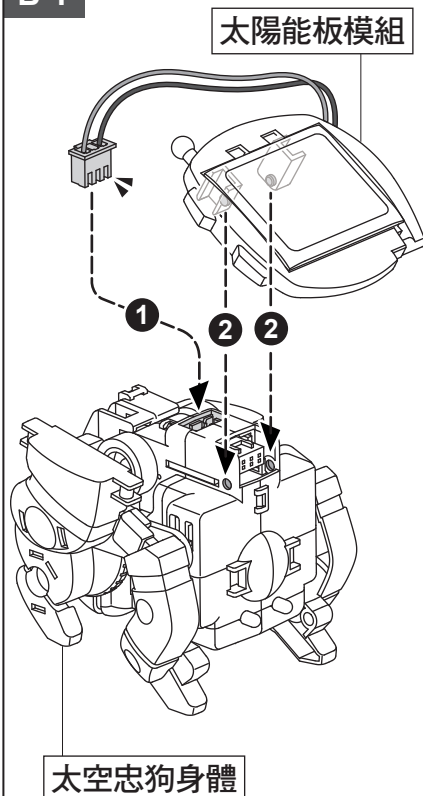


貼紙裝飾

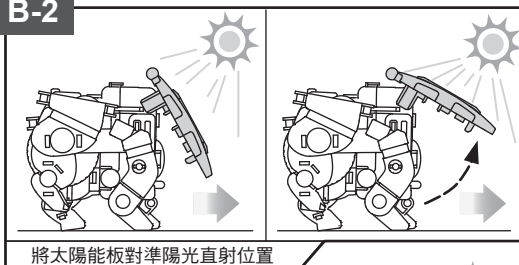
請參照第44~45頁

款式 B

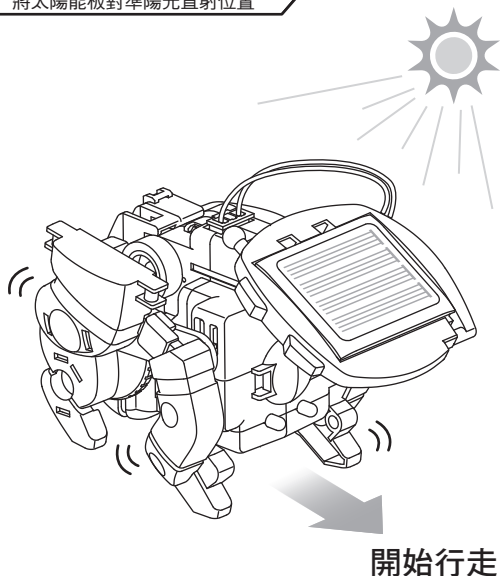
B-1



B-2



將太陽能板對準陽光直射位置

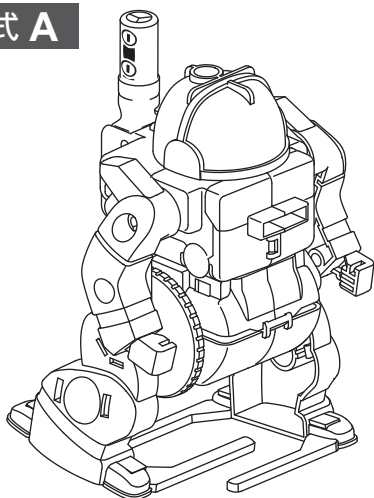


貼紙裝飾

請參照第45頁

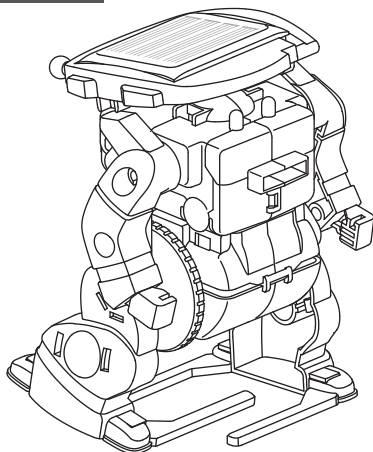
太空人 組裝與遊玩

款式 A



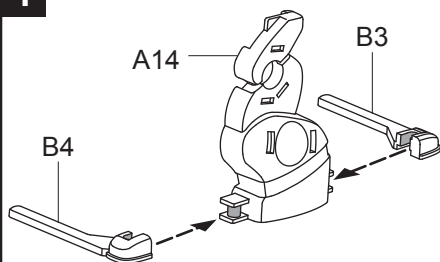
動力來源
微型充電電池

款式 B

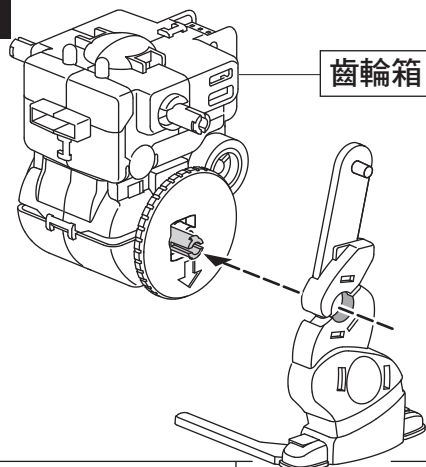


動力來源
太陽能

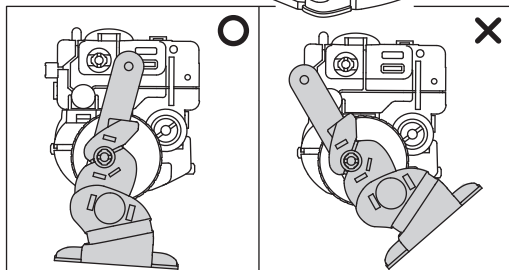
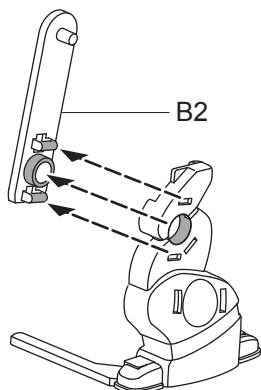
1



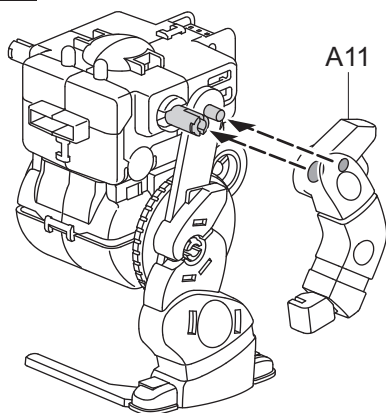
3



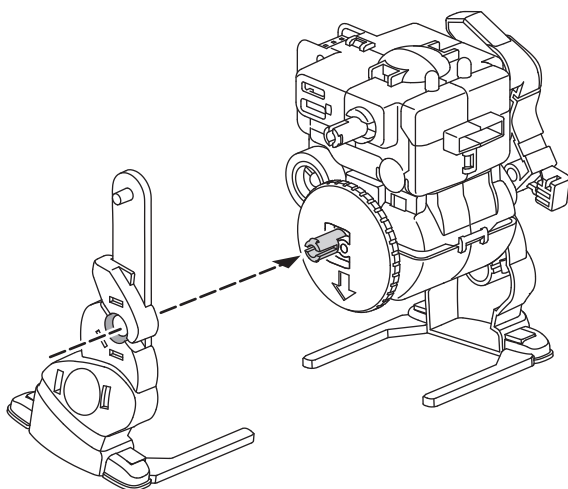
2



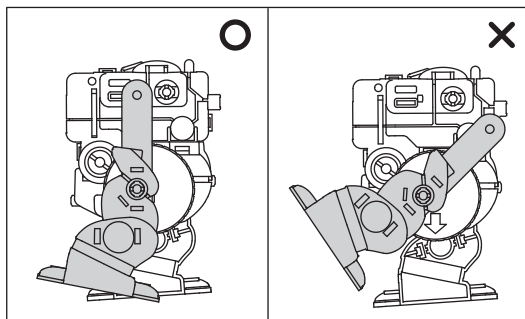
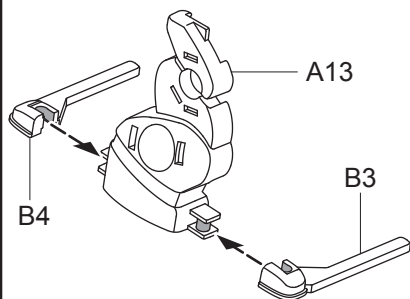
4



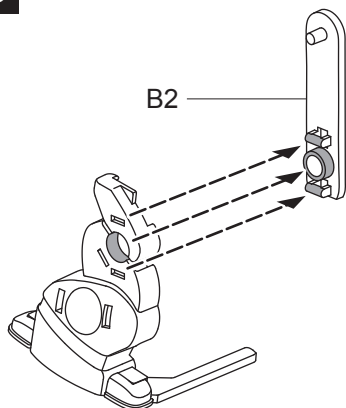
7



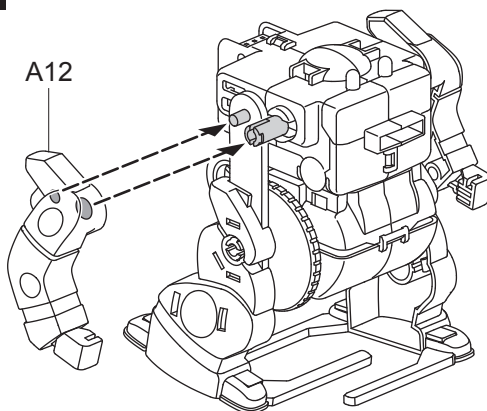
5



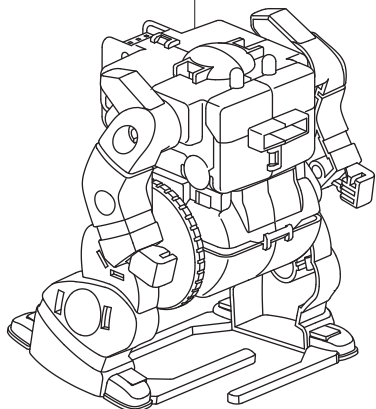
6



8

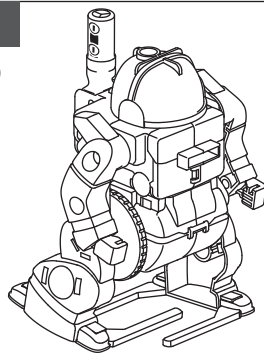


太空人身體



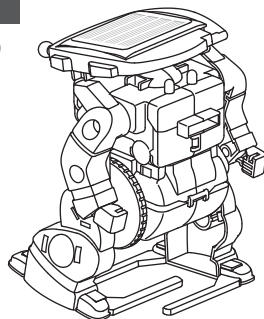
款式 A

(第27頁)



款式 B

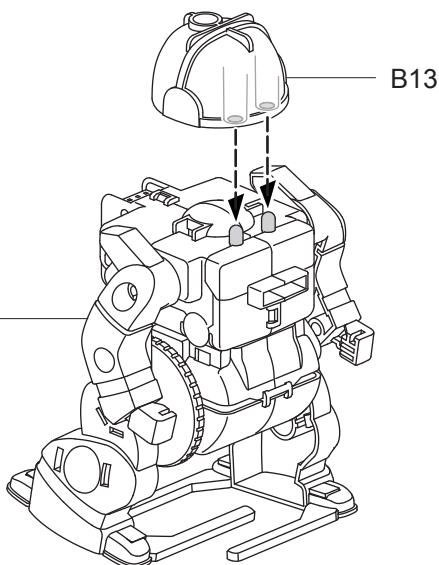
(第29頁)



款式 A

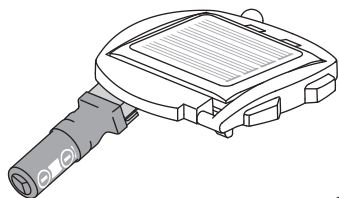
A-1

太空人身體



A-2 微型充電電池的兩種充電方式

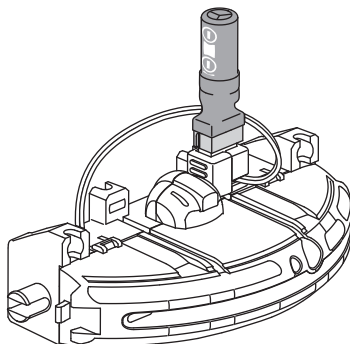
方式1：太陽能板充電



OR

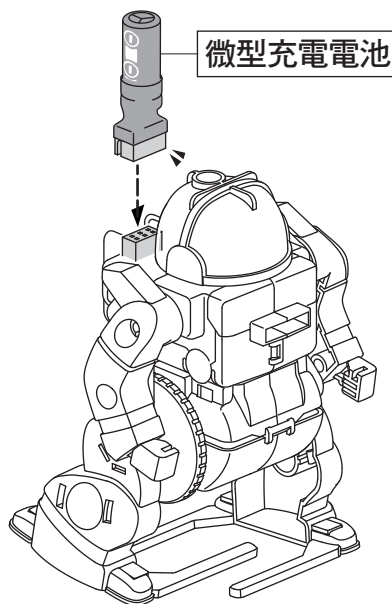
天氣狀況	充電時間 
	約 3 分鐘
	約 10 分鐘或以上

方式2：電池充電

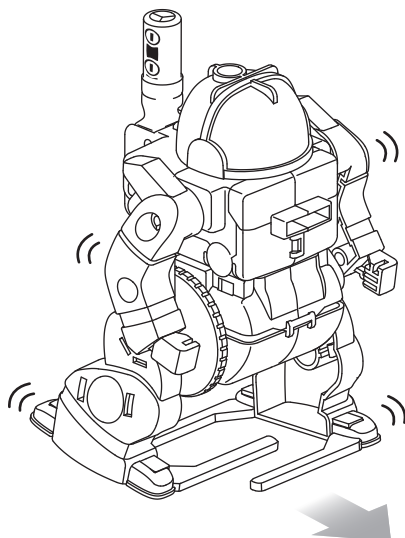


充電時間：約 **5** 秒鐘

A-3



A-4



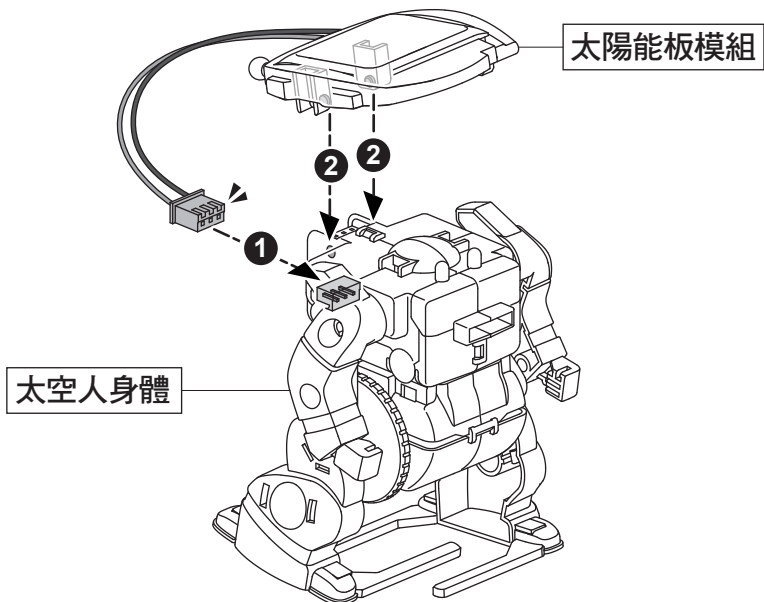
太空漫步~

貼紙裝飾

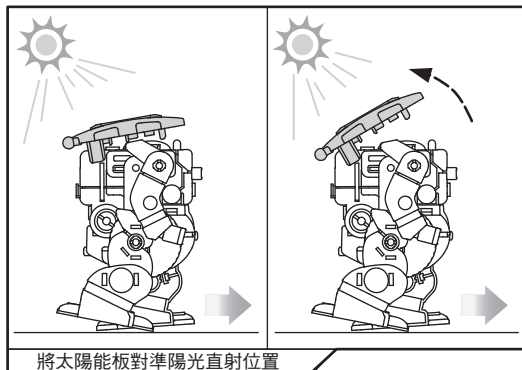
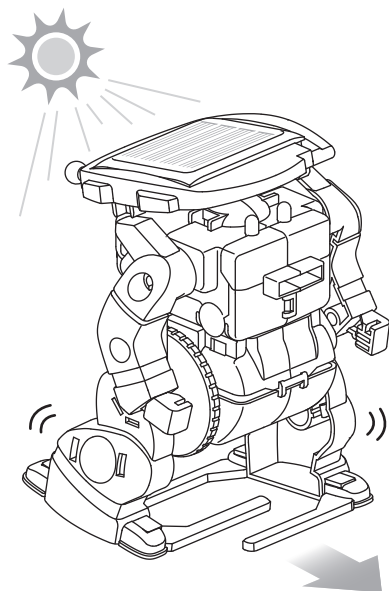
請參照第44~45頁

款式 B

B-1



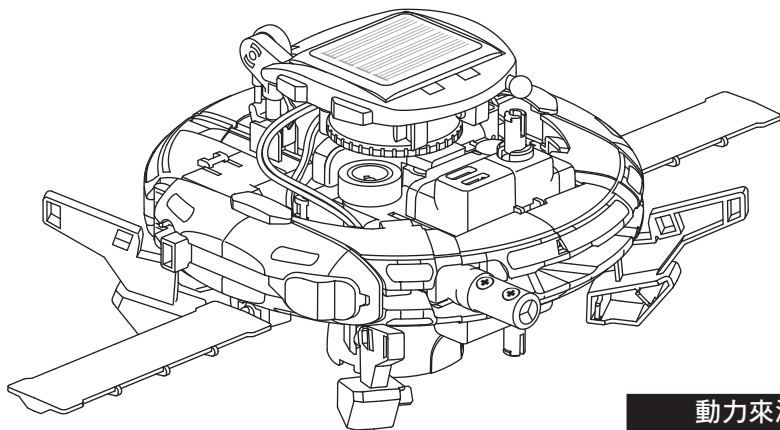
B-2 太空漫步~



貼紙裝飾

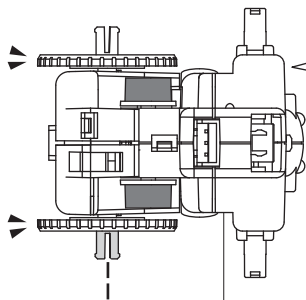
請參照第45頁

太空站 組裝與遊玩



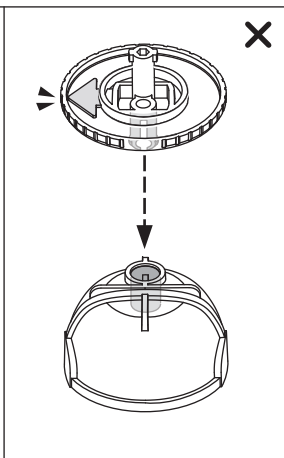
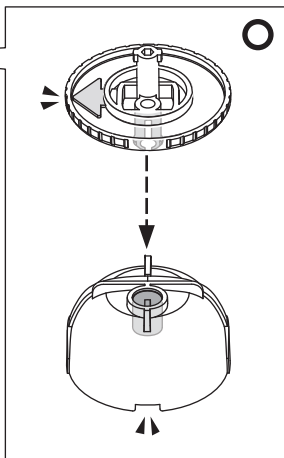
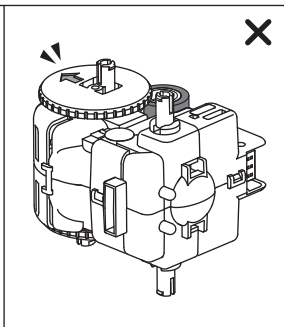
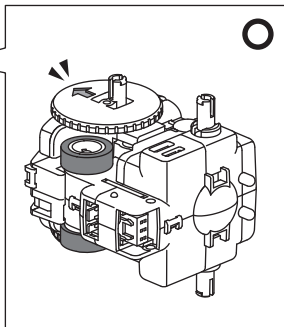
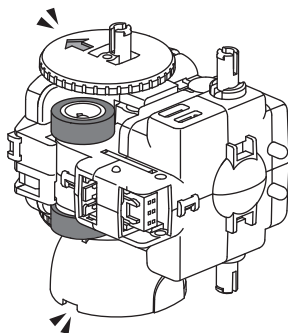
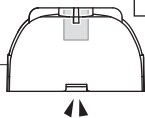
動力來源
太陽能

1



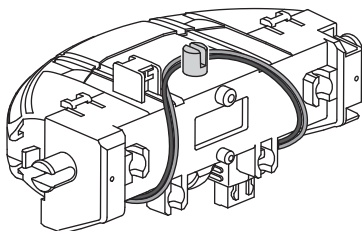
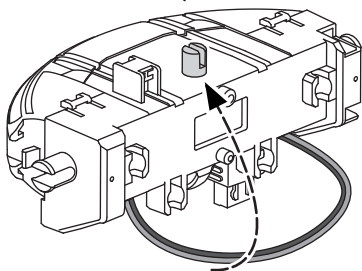
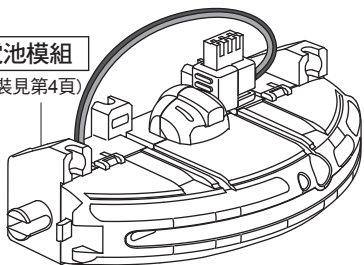
齒輪箱

B13

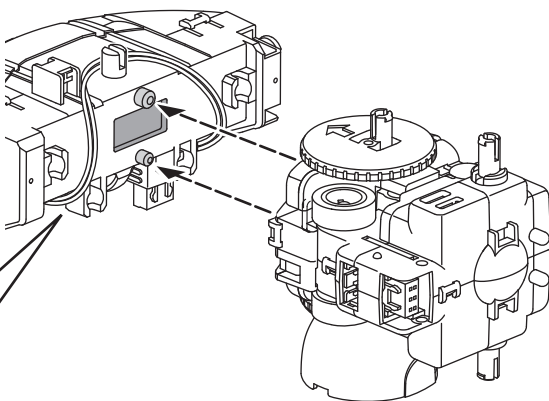


2

電池模組
(組裝見第4頁)

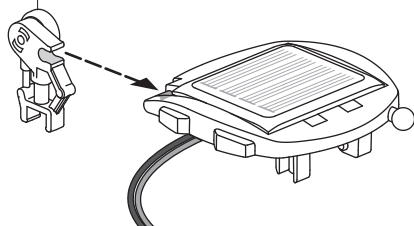


3



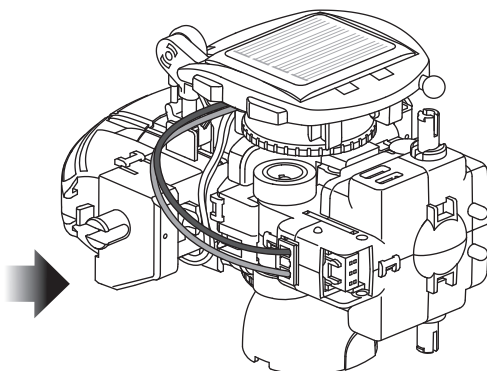
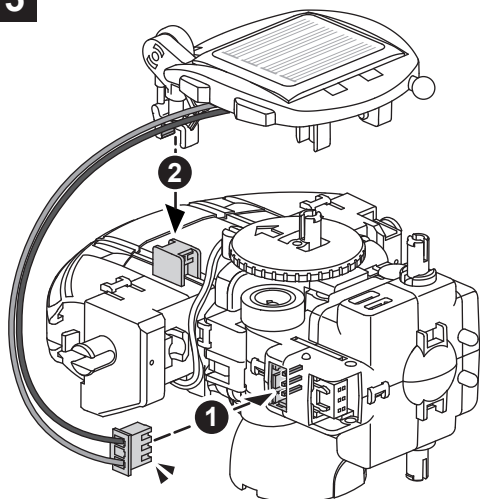
4

起落架

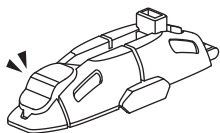


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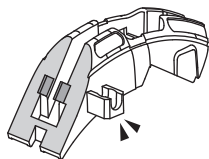
太陽能模組
(組裝見第5頁)



6

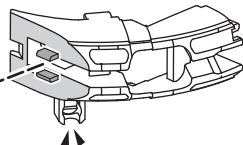
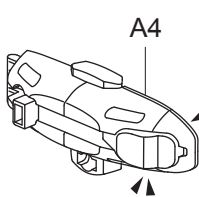


A4

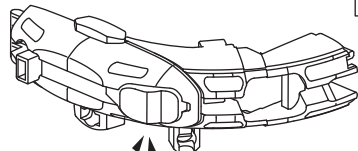


A5

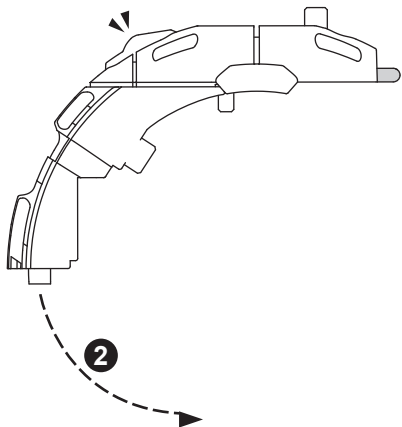
! 注意：A1與A5的外觀相似，但安裝位置不同，請勿將兩者裝反。



A5

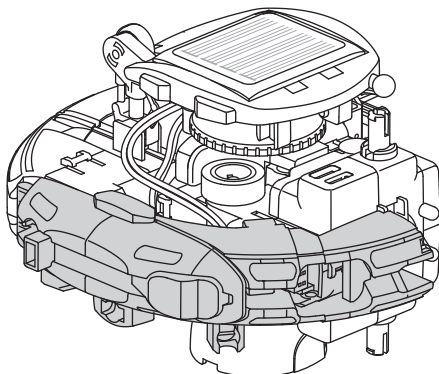
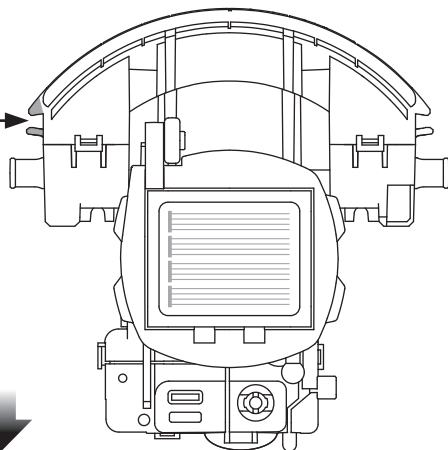


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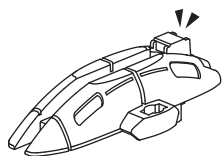


1

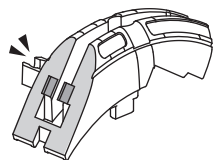
2



8

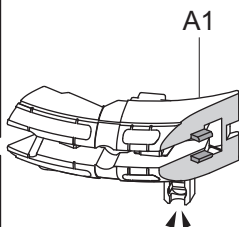


A3

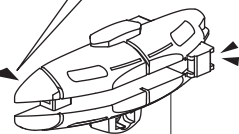
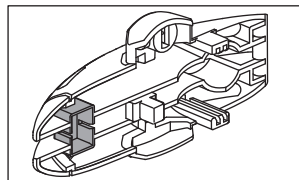


A1

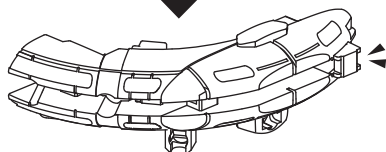
! 注意：A1與A5的外觀相似，但安裝位置不同，請勿將兩者裝反。



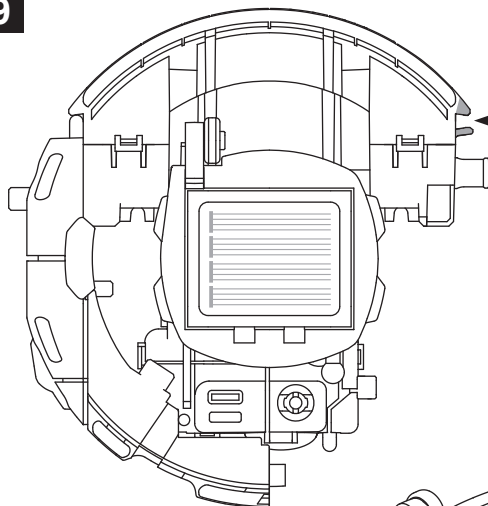
A1



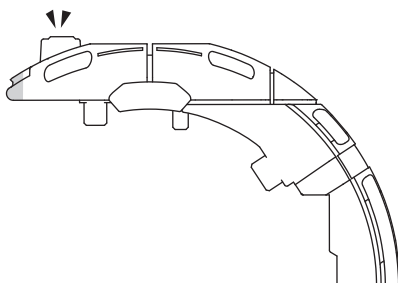
A3



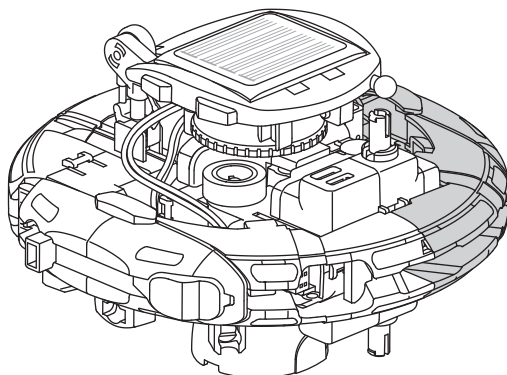
9



1



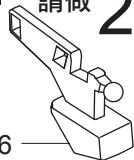
2



10

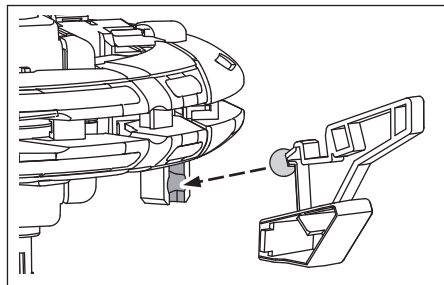
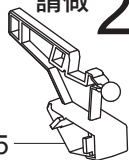
請做 2 組

B6



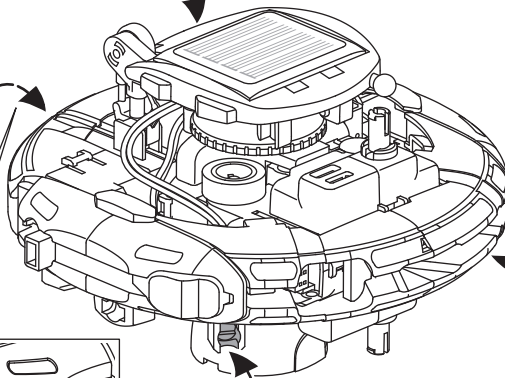
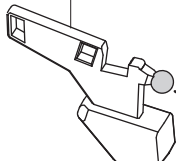
請做 2 組

B5

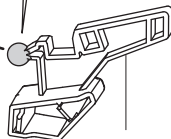


B5

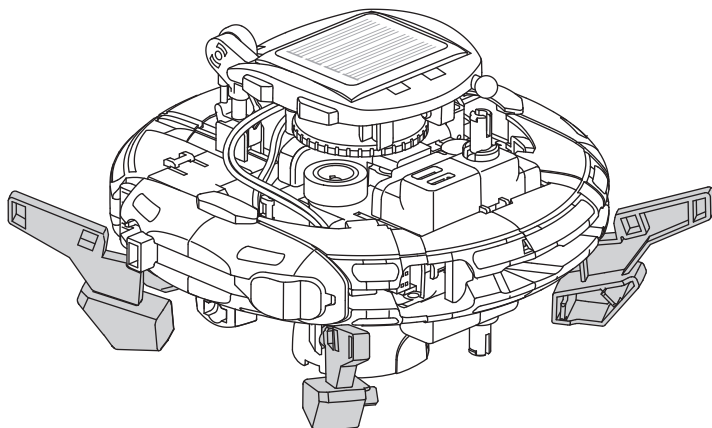
B6



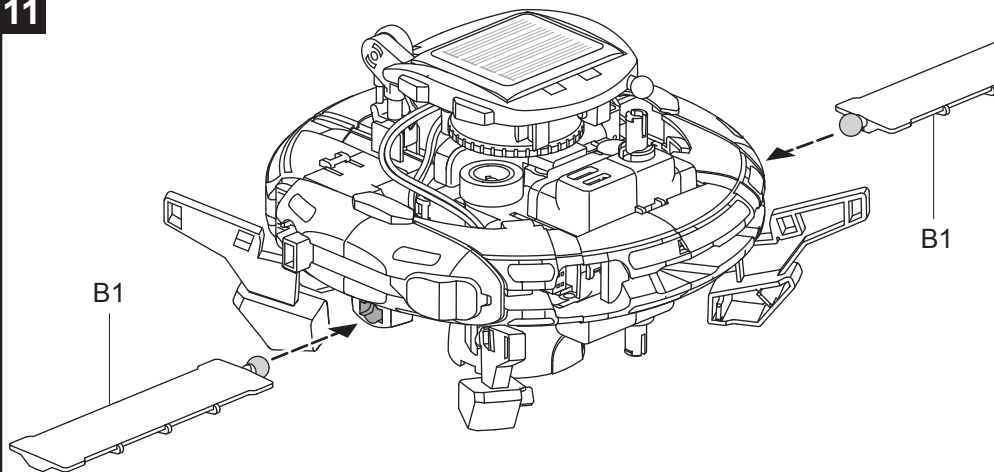
B6



B5

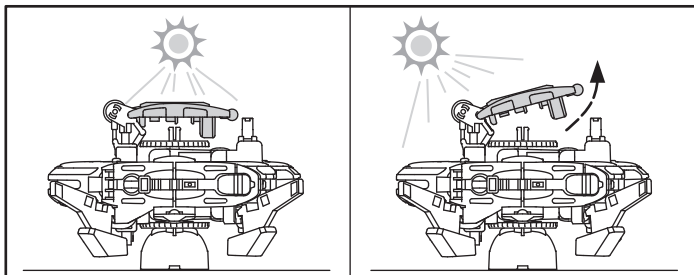
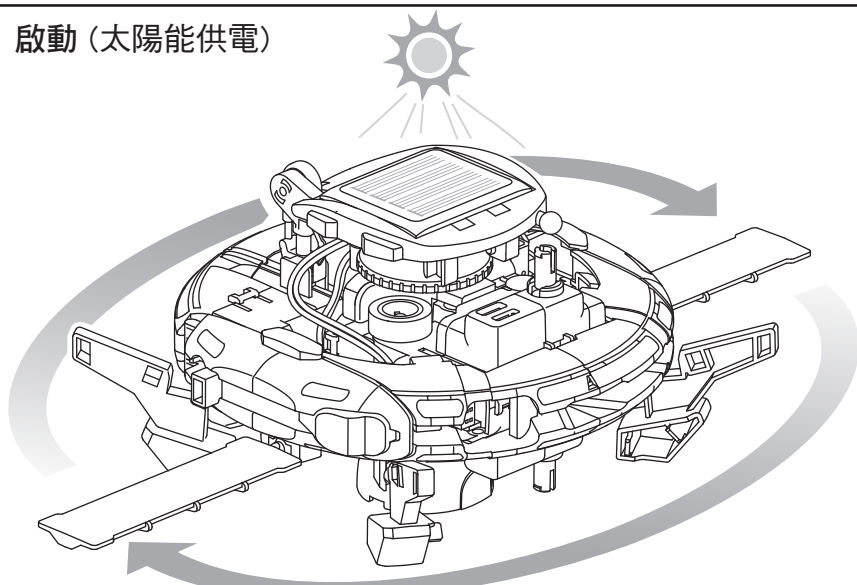


11



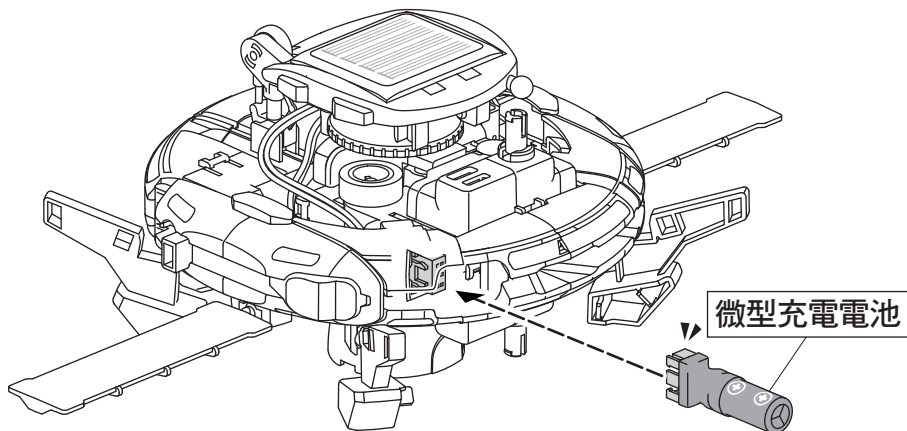
12

啟動 (太陽能供電)



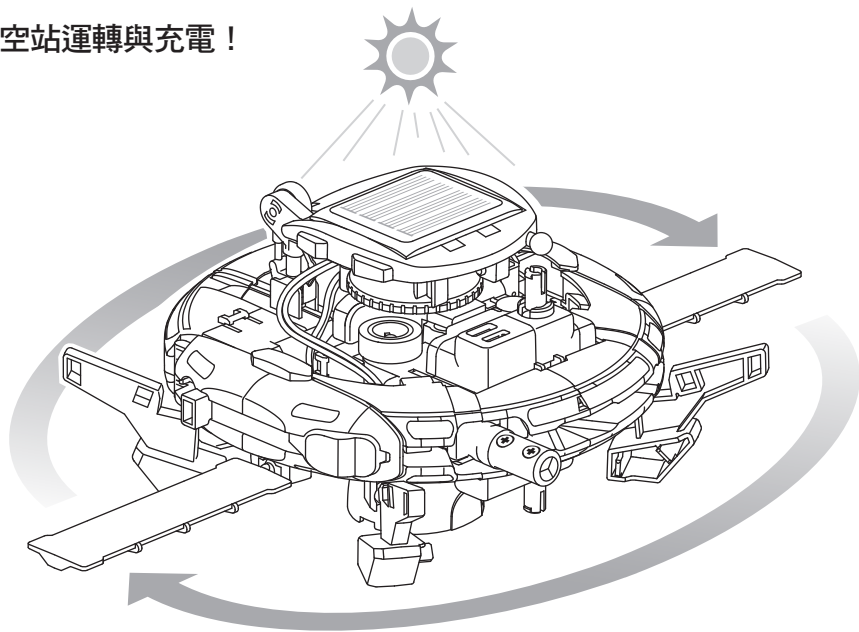
將太陽能板對準陽光直射位置

小提示：在太空站運作的同時，也可將微型充電電池接上充電。



接上微型充電電池(如上圖所示)

太空站運轉與充電！



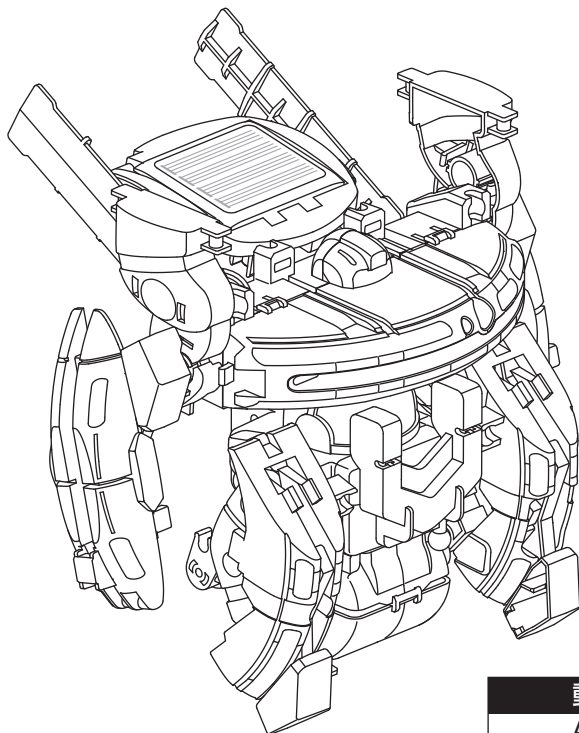
! 一開始操作時，太空站可能會不動或緩慢轉動，待1~3分鐘太陽能板充飽電後，就會開始正常旋轉。

貼紙裝飾

請參照第44 & 46頁

拆解方式

請參照第4頁：拆解起落架

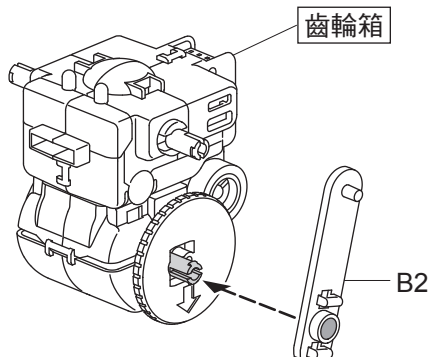


動力來源

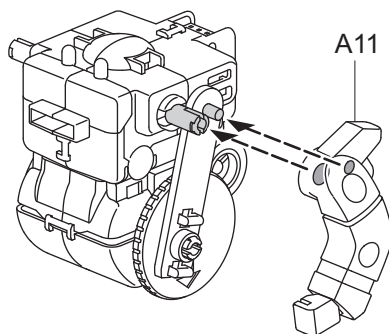
AAA電池

太陽能

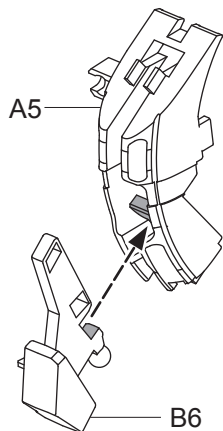
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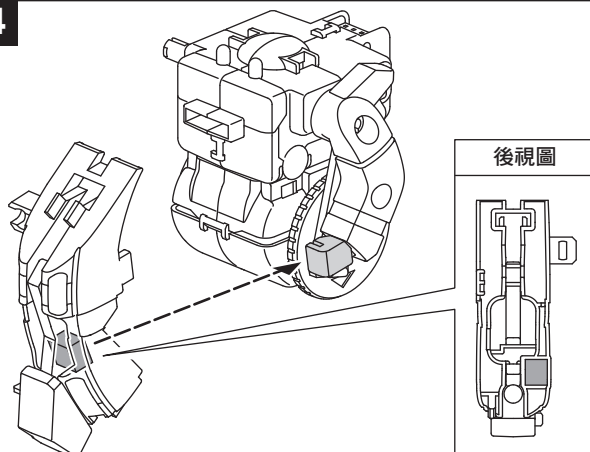
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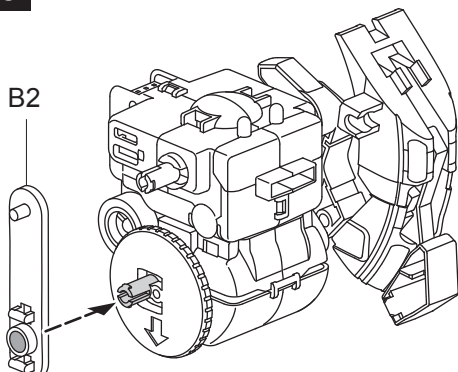
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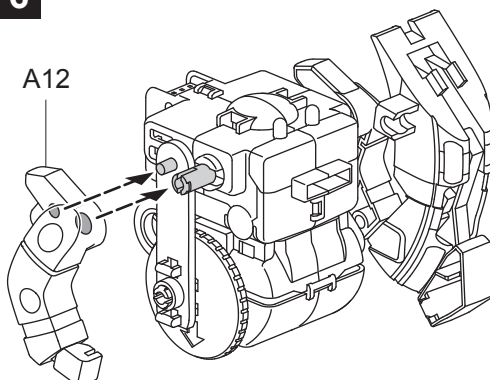
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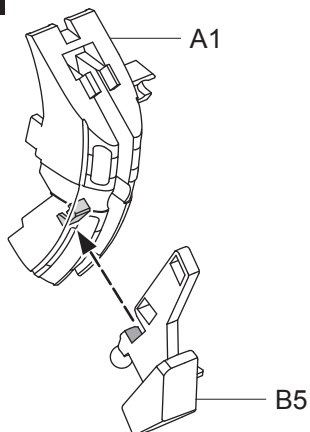
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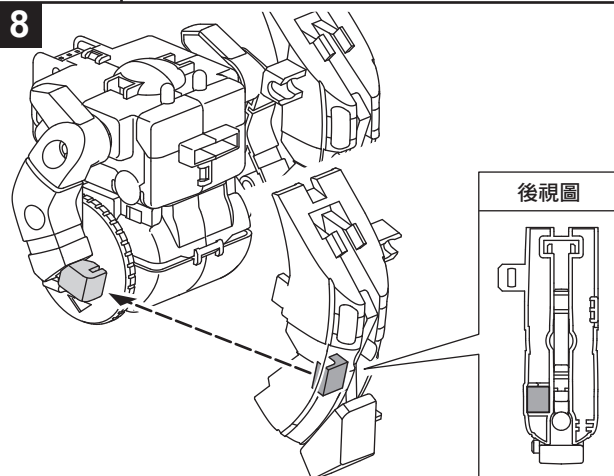
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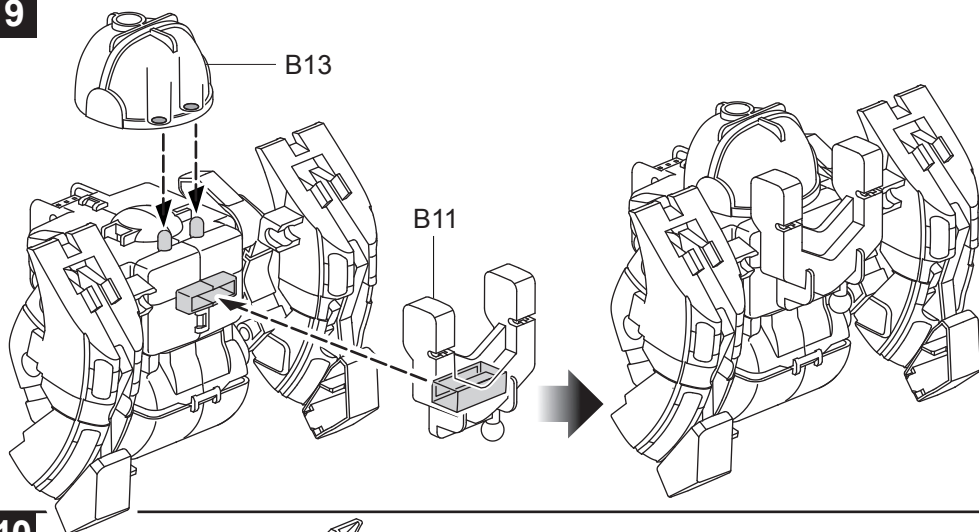
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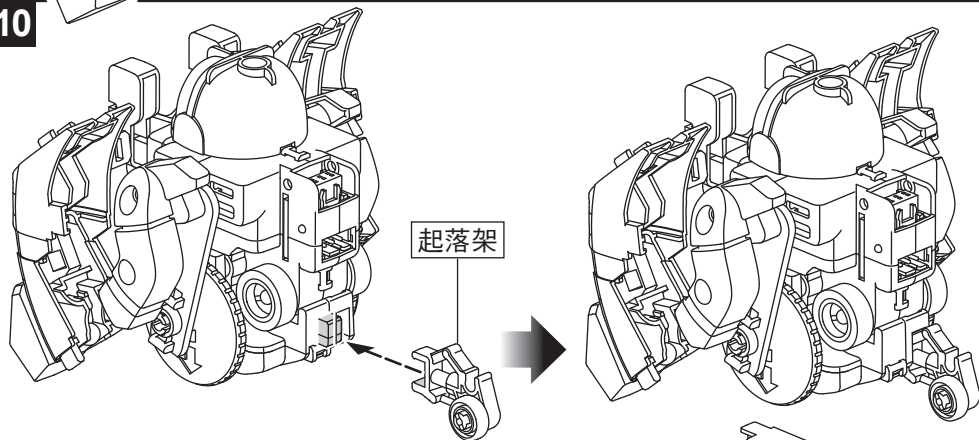
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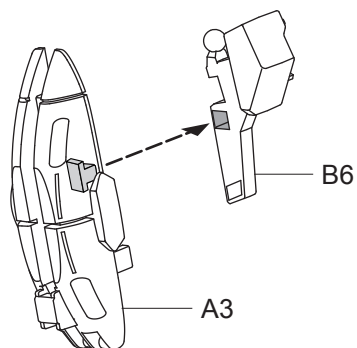
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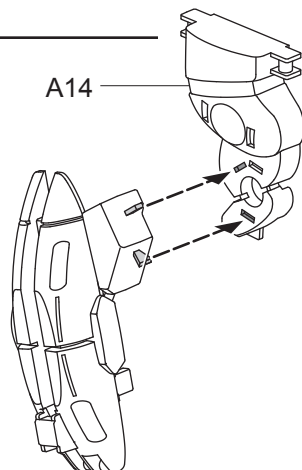
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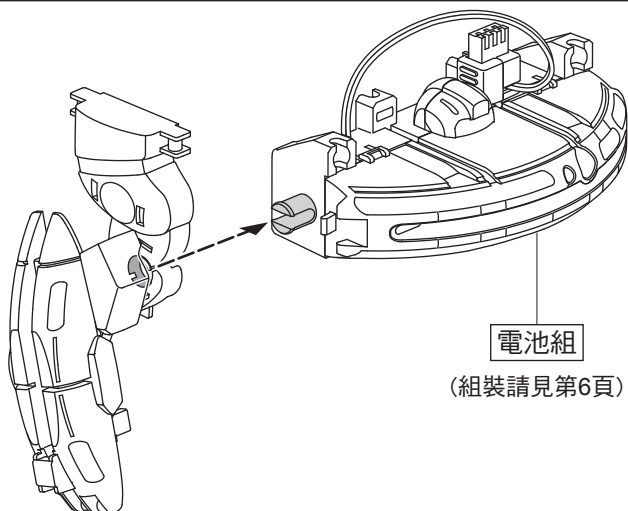
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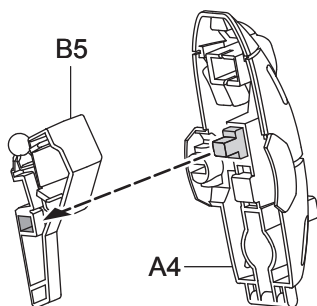
12



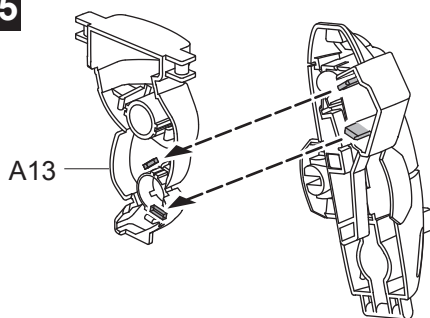
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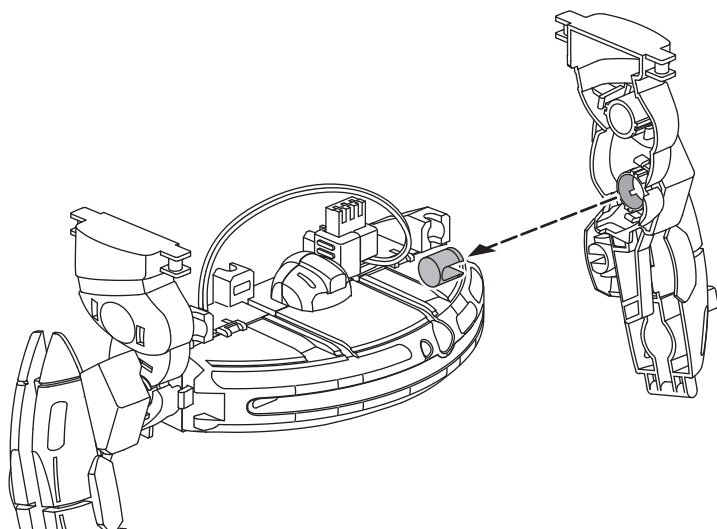
14



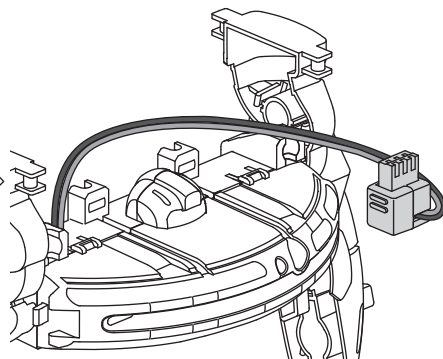
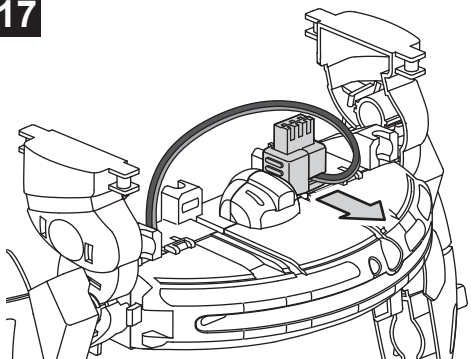
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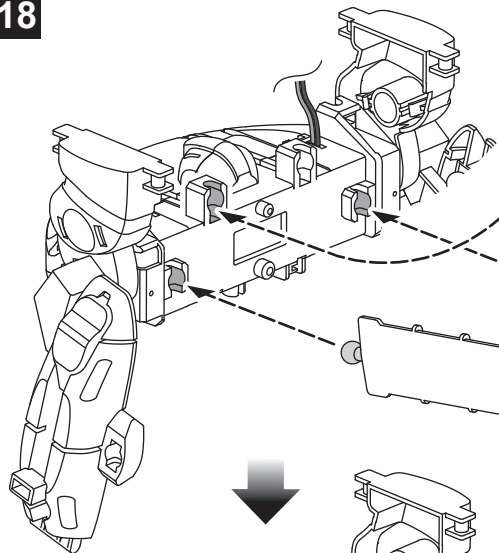
16



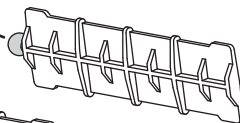
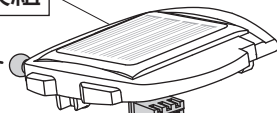
17



18

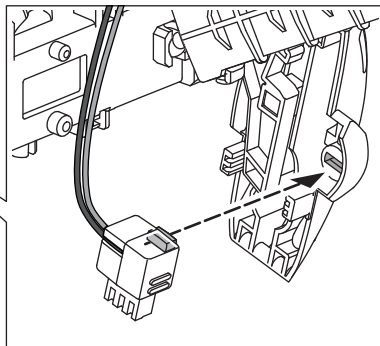
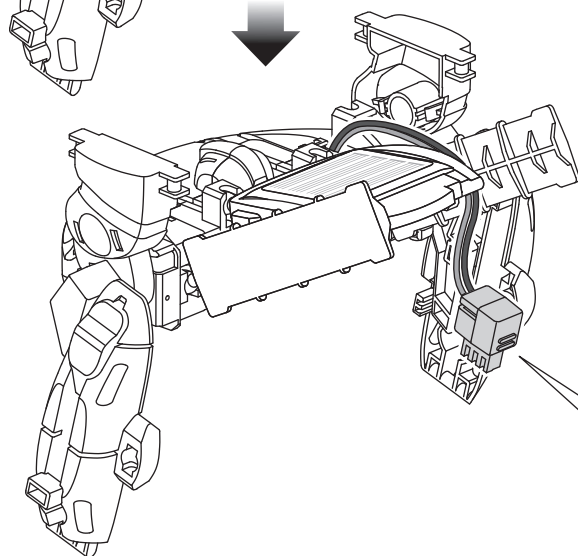
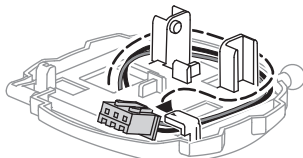


太陽能板模組

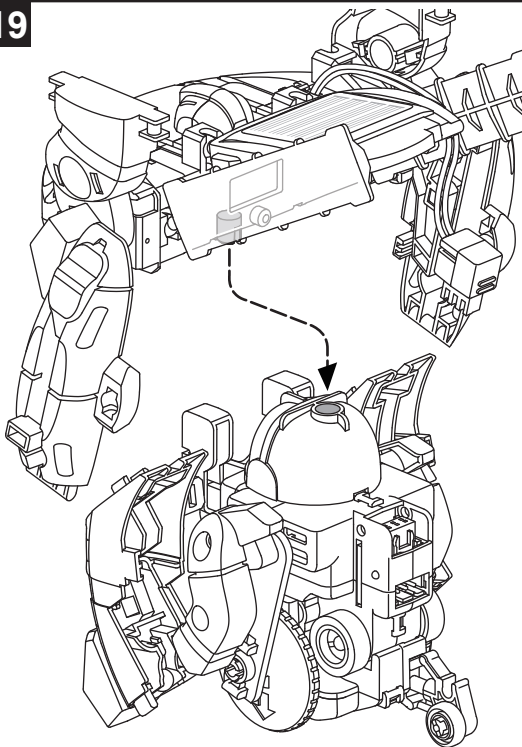


B1x2

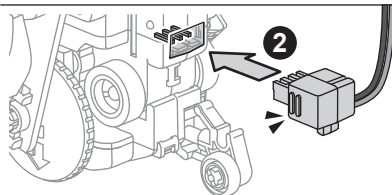
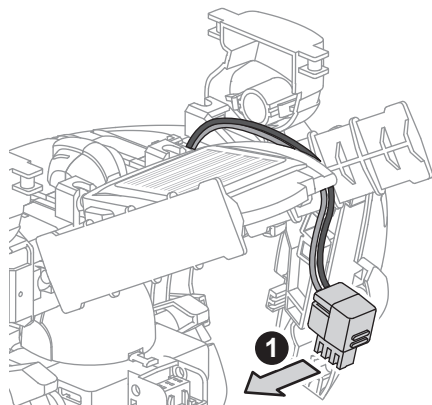
將線材卡入如下位置固定(底視圖)



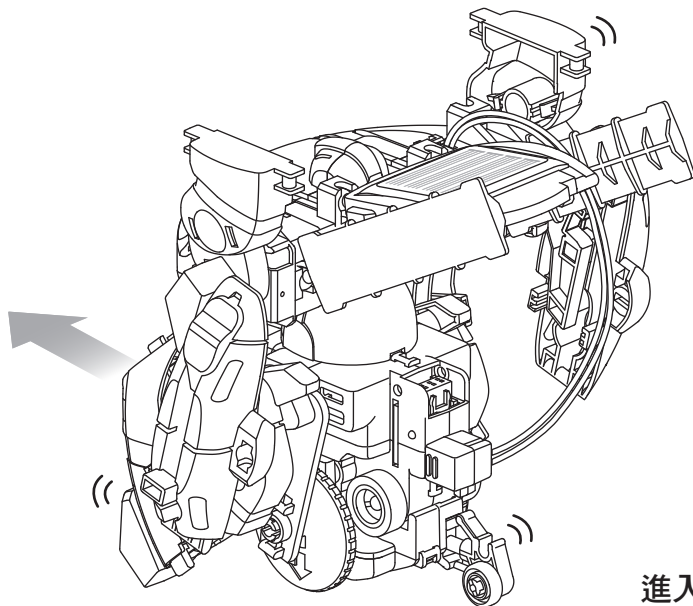
19



20 使用AAA電池驅動

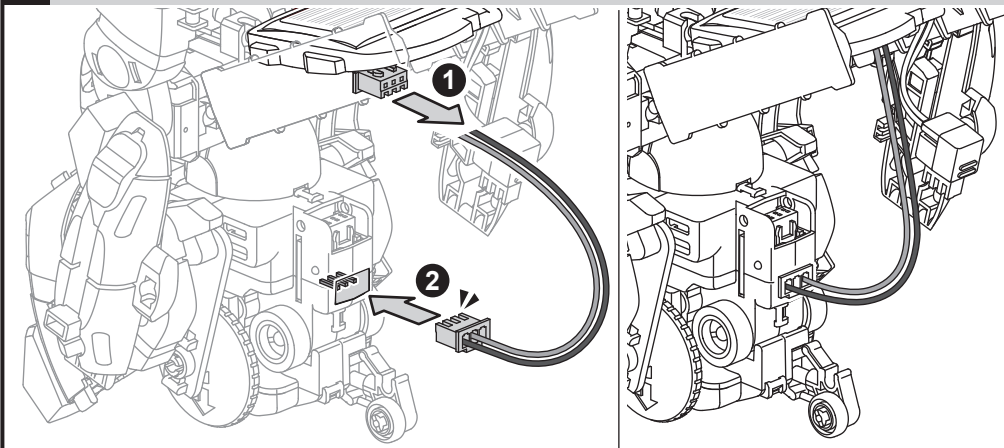


21

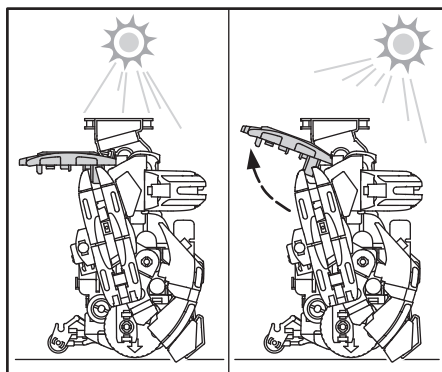
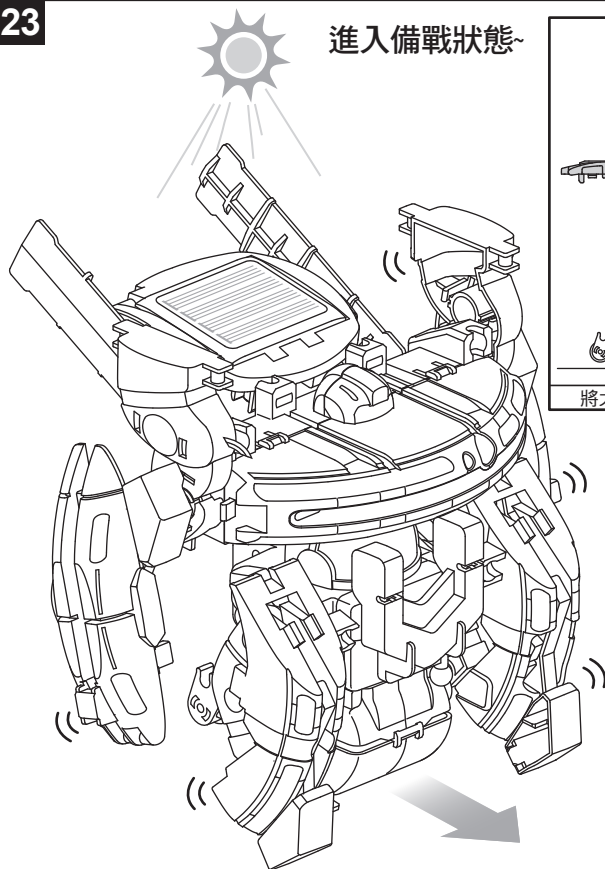


進入備戰狀態~

22 太陽能供電



23 進入備戰狀態~

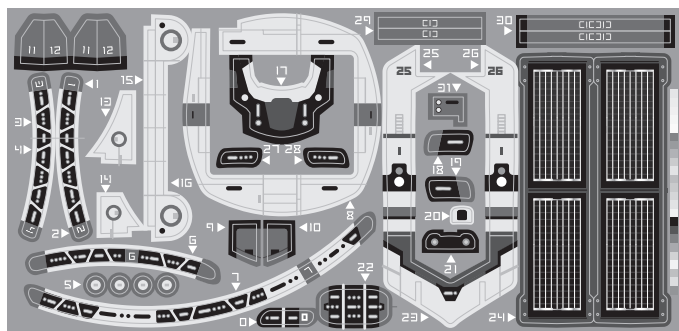


將太陽能板對準陽光直射位置

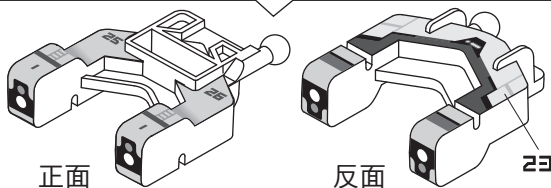
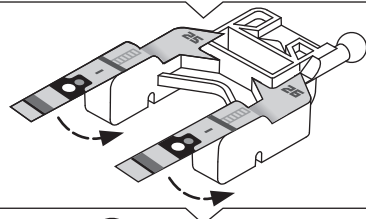
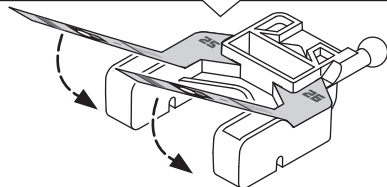
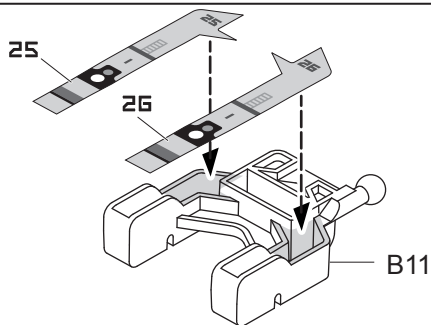
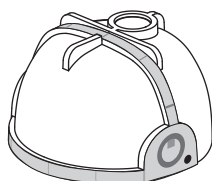
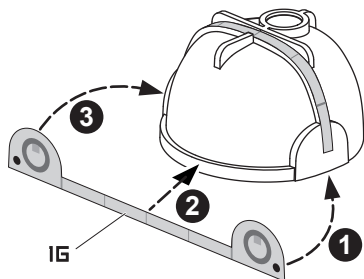
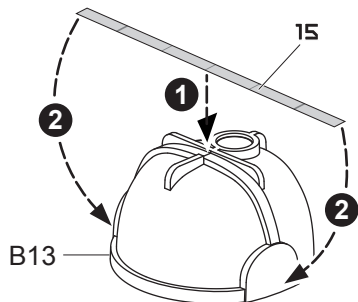
貼紙裝飾

請參照第44 & 46頁

貼紙



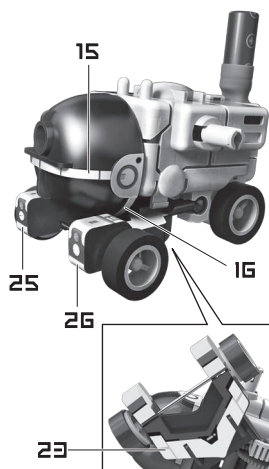
貼紙裝飾



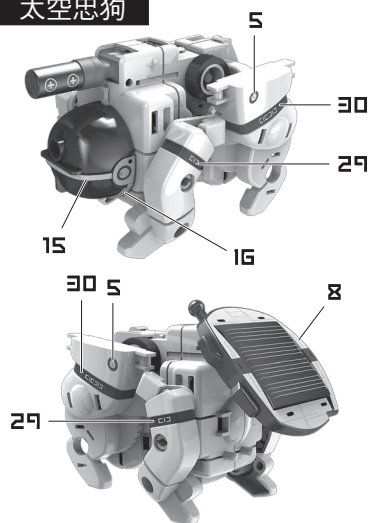
太空車



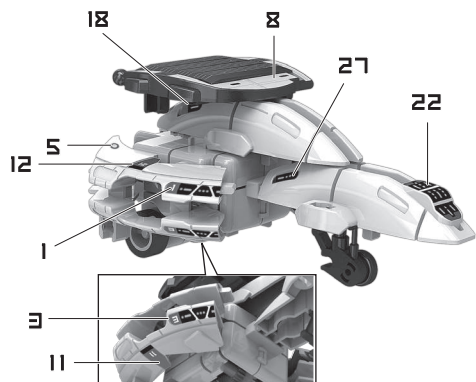
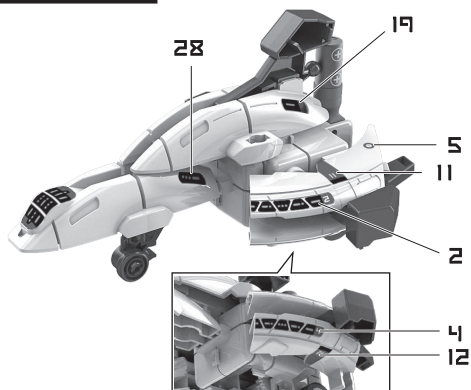
太空探險車



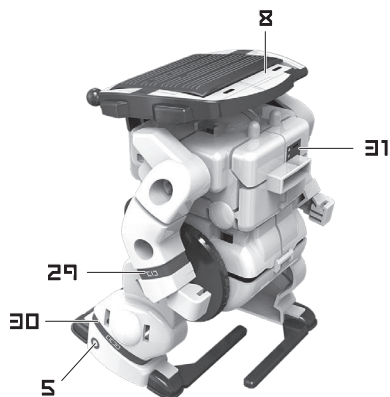
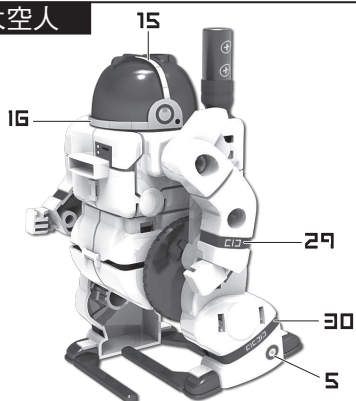
太空忠狗



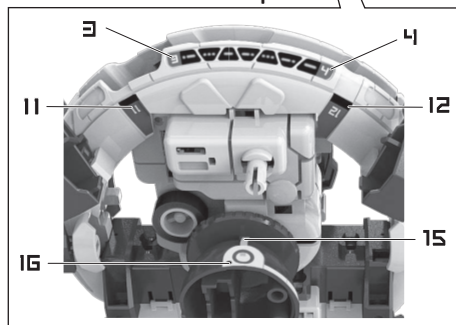
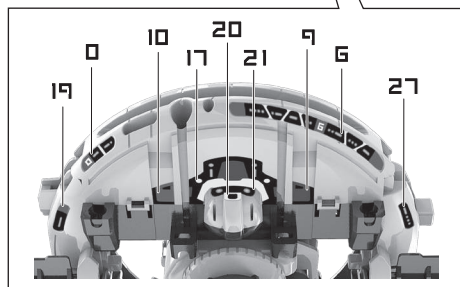
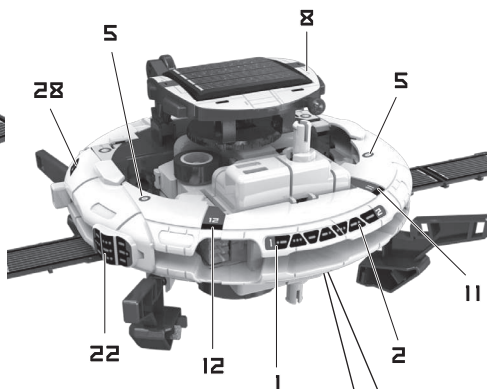
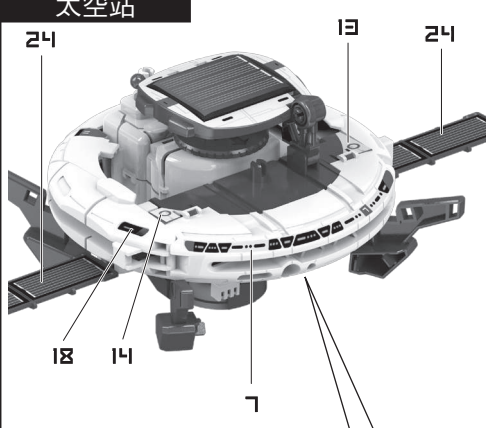
太空船



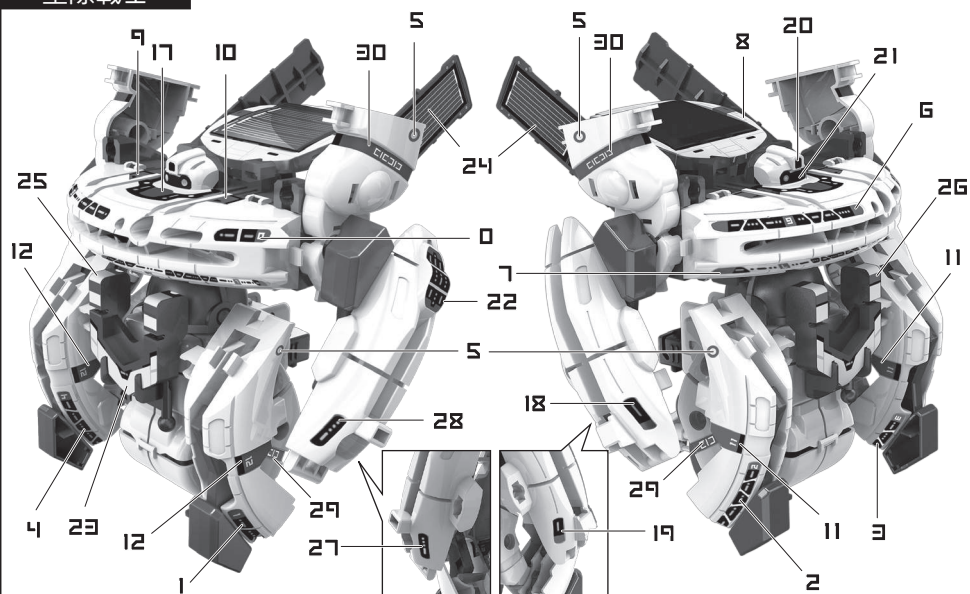
太空人



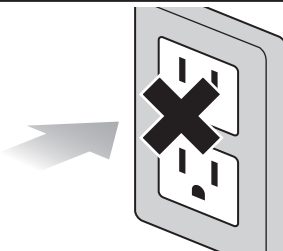
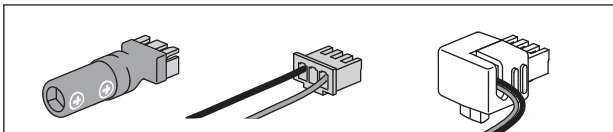
太空站



星際戰士

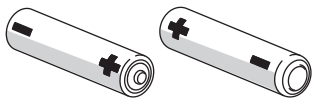


！ 以下充電插頭請勿插入牆壁插座

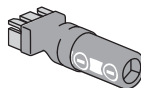


- 電池移除或更換應由成人或在成人監督下進行。
- 請避免電池或電池連接器端子短路。
- 電池長期不用或電力耗盡時請取出以避免電池漏液。
- 請勿混用新舊電池及不同廠牌、種類的電池，以免造成危險或電器損耗。
- 請勿混合鹼性、碳鋅電池或充電電池使用。
- 不可對非充電電池進行充電。
- 對充電電池進行充電應在成人監督下進行。
- 充電前請將充電電池自玩具中取出。
- 電池放入前請先確認正確正負極性方向。
- 本產品不建議使用非原廠充電電池。

本規定適用於AAA電池，非微型充電電池



AAA電池



微型充電電池

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

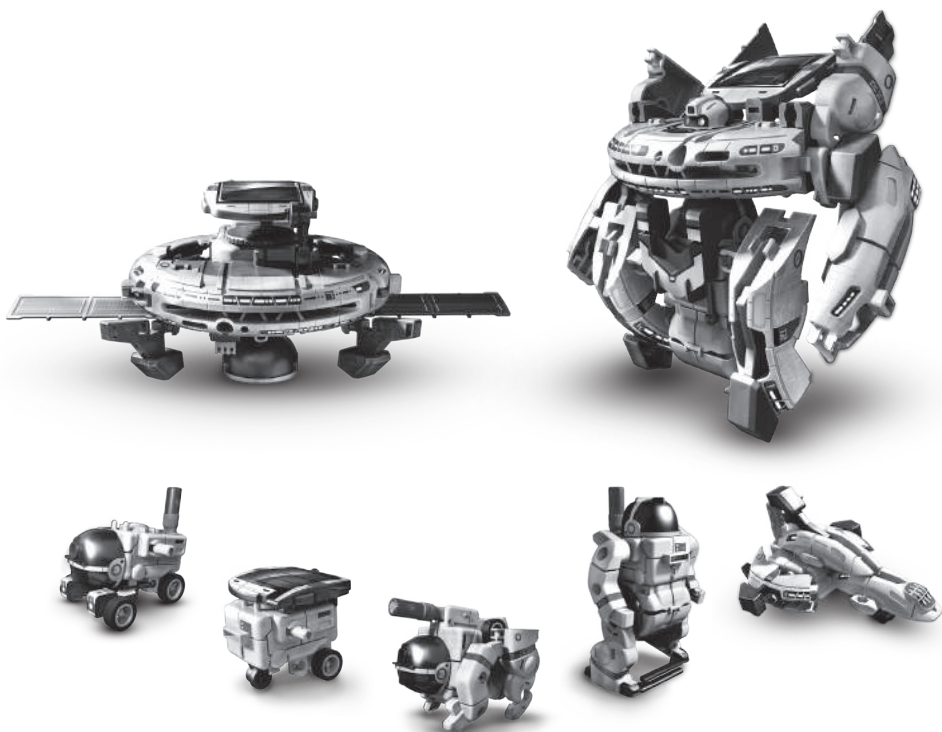
傳 真:02-22180267

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

寶工購物網:<https://shop.prokits.com.tw>

GE-641 7合1太陽能星際艦隊 零件表

零件型號	零件名稱	數量
5GE-64100P1	小齒輪(黃色)	
5GE-64100P2	小齒輪(藍色)	
5GE-64100P3	齒輪(黃色)	
5GE-64100P4	圓軸齒輪組	
5GE-64100P5	海綿	
5GE-64100P6	圓軸(短)	
5GE-64100P7	六角軸	
5GE-64100P8	圓軸(長)	
5GE-64100P9	馬達端子組	
5GE-64100P10	微型充電電池	
5GE-64100P11	太陽能板馬達組	
5GE-64100P12	電池盒	
5GE-64100P13	車輪	
5GE-64100P14	車輪(大)	
5GE-64100PPA	塑膠零件A	
5GE-64100PPB	塑膠零件B	
5GE-64100IM	說明書	



Pro'sKit®

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

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