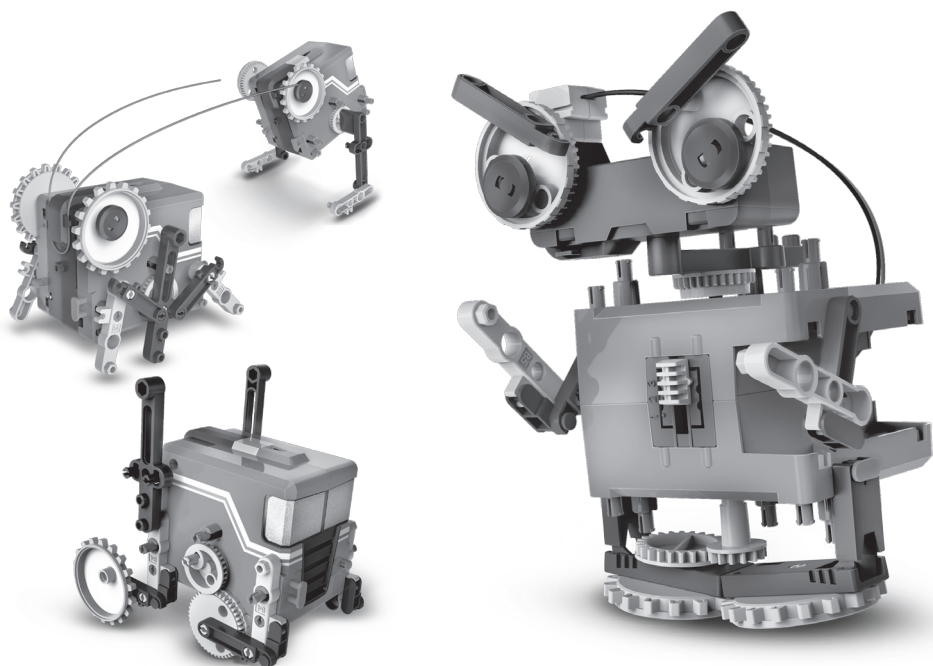


GE-891

Pro'sKit®

4合1變形蟲

**4 IN 1 EDUCATIONAL
MOTORIZED ROBOT KIT**



Assembly & Instruction
Manual

組裝說明手冊

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4合1變形蟲

產品介紹

4合1變形蟲帶給你4種不同形態組合，透過機械的原理，它可以像機器人一樣利用齒輪驅動方式行走，也可變身為小蟋蟀用六隻腳行進，或像怪獸般排山倒海的大步向前，還可以像馬達傳動的拖拉機一樣運行。8~10歲兒童可由父母協助一同組合，10歲以上可嘗試獨立組裝，父母在旁陪伴，簡單的組裝步驟讓您輕鬆上手，兒童也可從中得到自我滿足的成就感，同時快樂的享受親子共遊的樂趣。

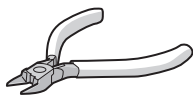


警告:

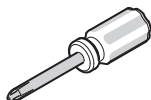
- 1.本玩具內含小物件，請勿讓三歲以下孩童取得，以免放入口中造成窒息。
- 2.兒童使用剪切工具時，請家長指導使用方式，並請在家長監督下使用，以免發生意外。
- 3.為避免嬰兒或兒童產生窒息的危險，請於拆卸後立即將塑膠袋銷毀或遠離嬰兒及兒童。

自備工具如下

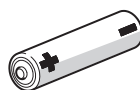
斜口鉗



十字起子

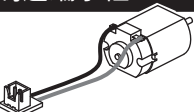
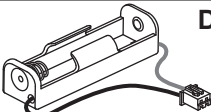


1.5V(AA) 電池

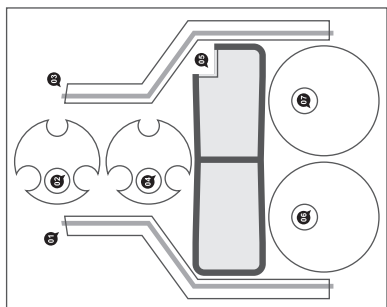


零件清單

! 注意：部分零件含有銳利的邊緣及尖角，組裝時請注意

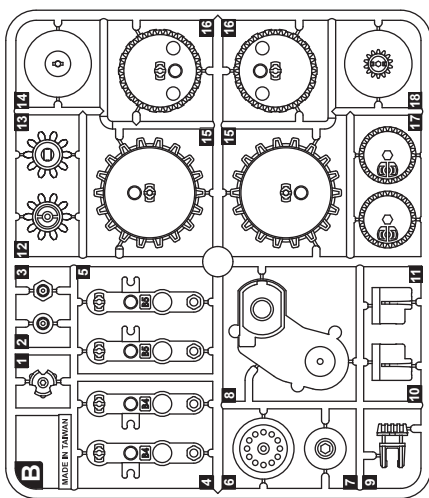
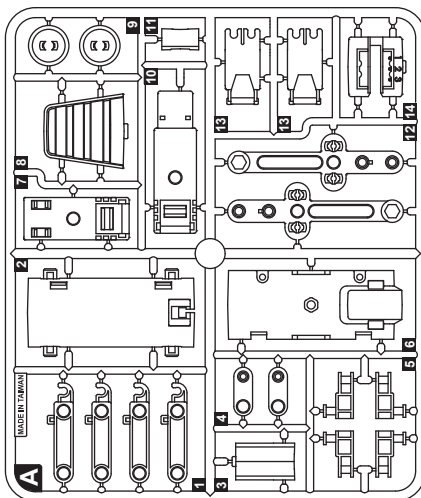
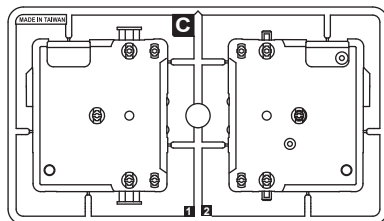
P1 馬達端子組		P2 電池座(1.5V)	
 請勿將電線連接到 其他電源或牆上插座	 數量 1	 DC 1.5V 	數量 1
P3 泡綿		P4 線(藍色)	
	數量 1	 注意：請勿將電線連接到其他電源或牆上插座	數量 1
P5 六角軸齒輪組		P6 六角軸	
	數量 1		數量 1
P7 齒輪(黃色)		P8 小齒輪(白色)	
	數量 2		數量 1
P9 自攻螺絲			
	數量 4		

貼紙

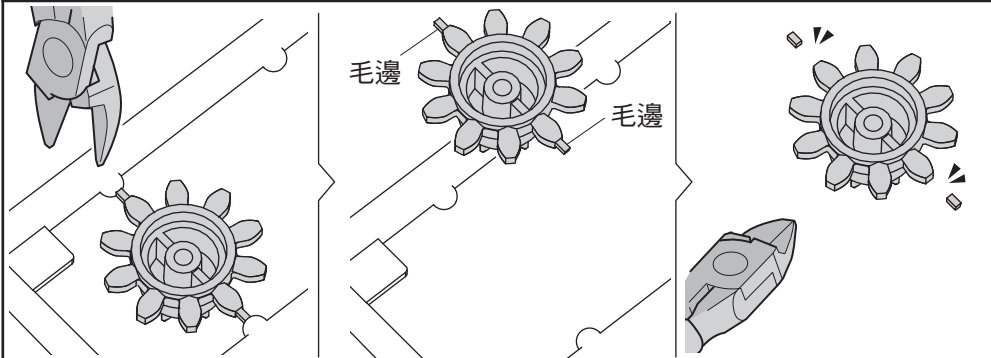


塑膠模型零件

! 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。

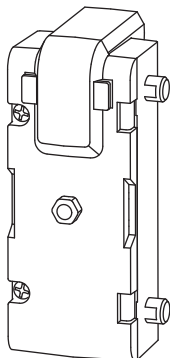


小技巧提醒：剪下零件時請將毛邊剪切乾淨，以免產生間隙影響組裝。

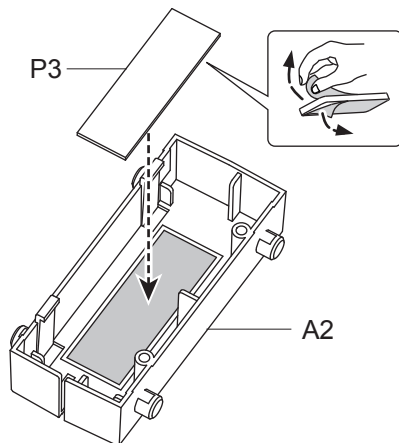


電池組組裝

成品外觀

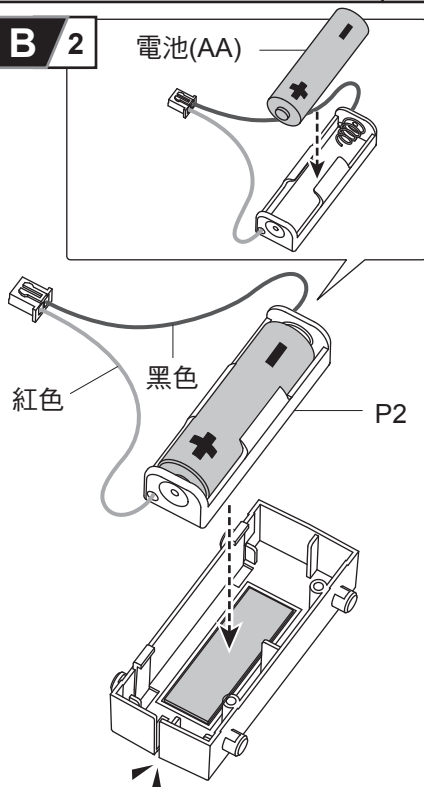


B 1

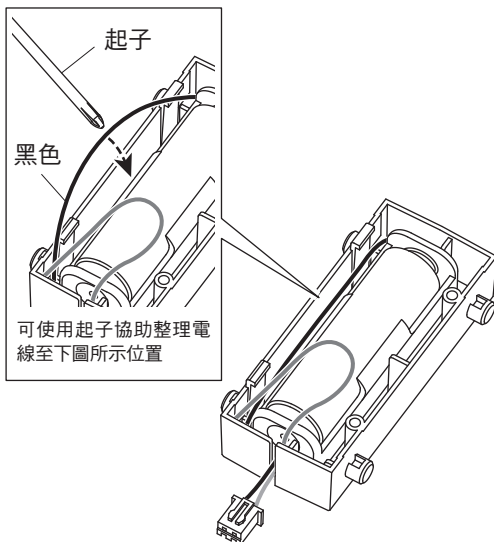
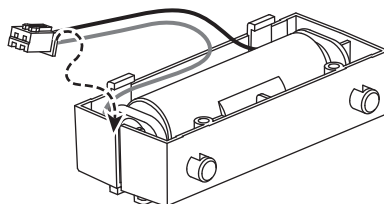


B 2

電池(AA)

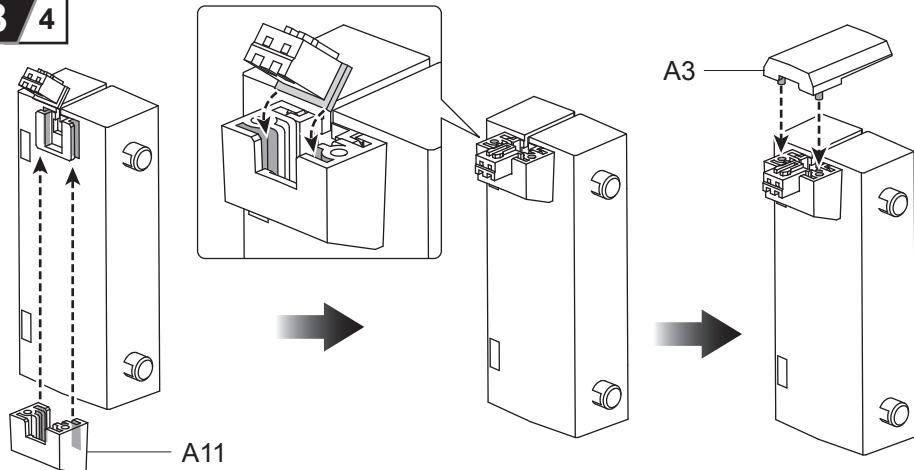


B 3

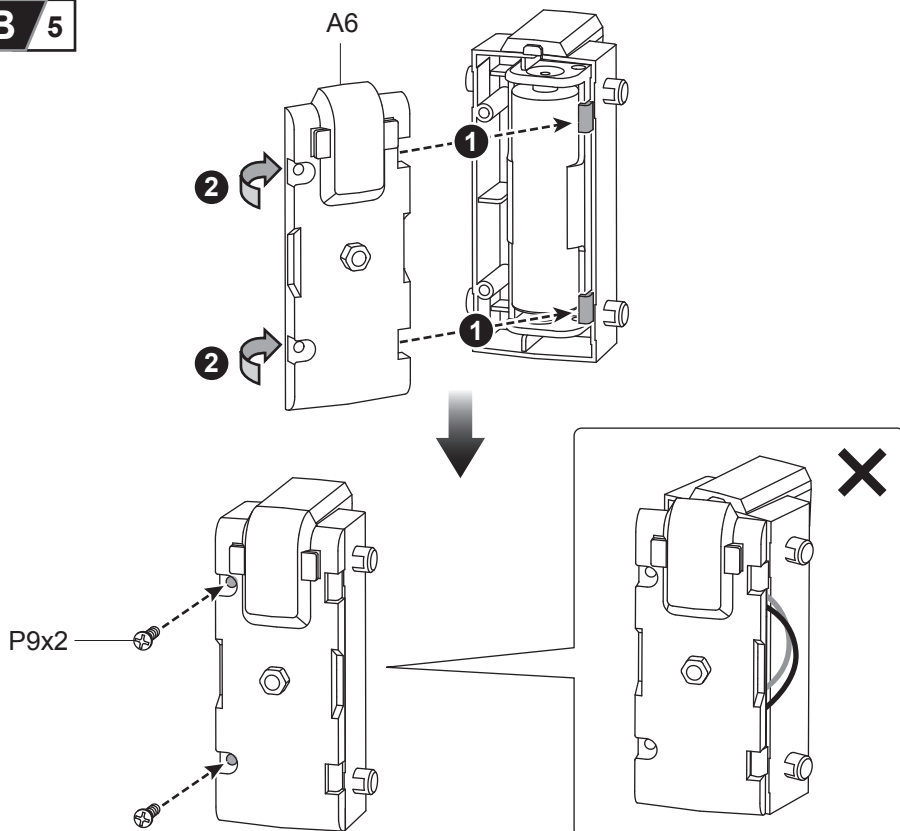


注意：請確認電池是否置於如上圖所示正確位置

B 4

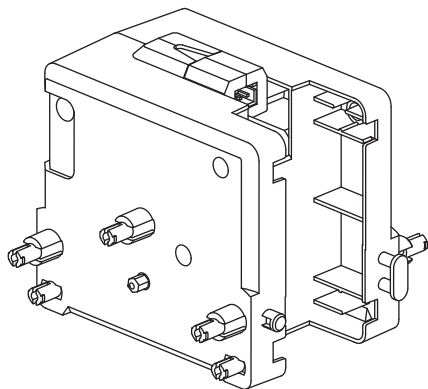


B 5

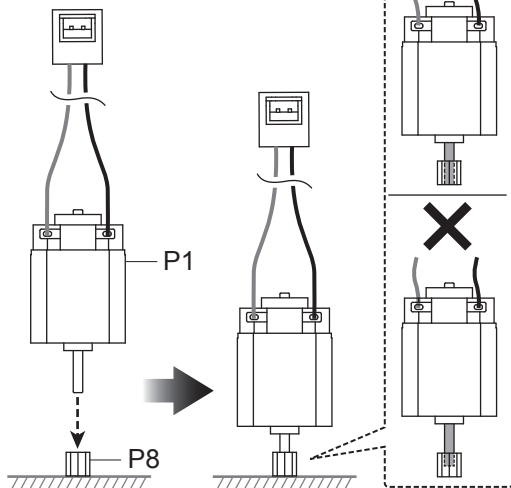


齒輪箱組裝方式

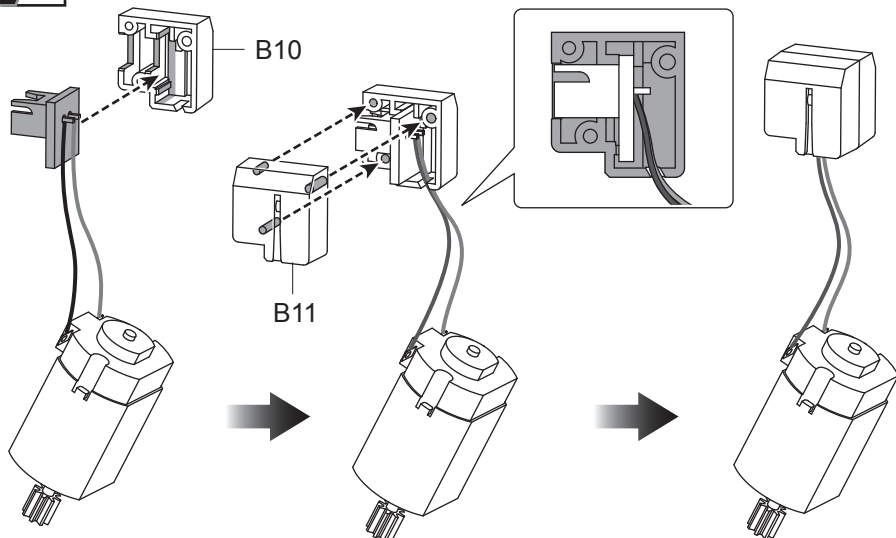
成品外觀

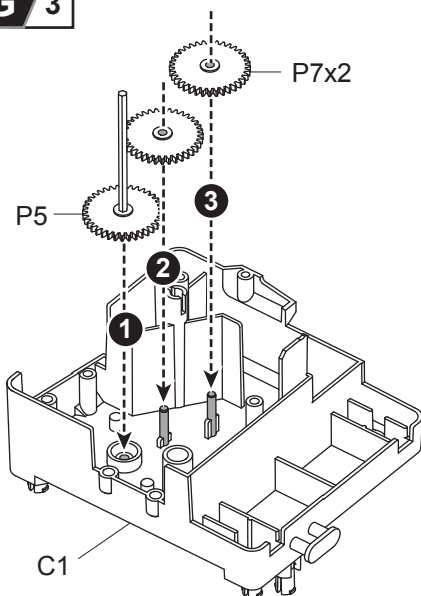
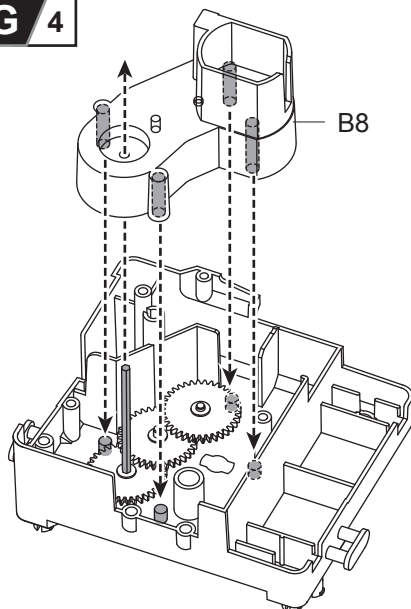
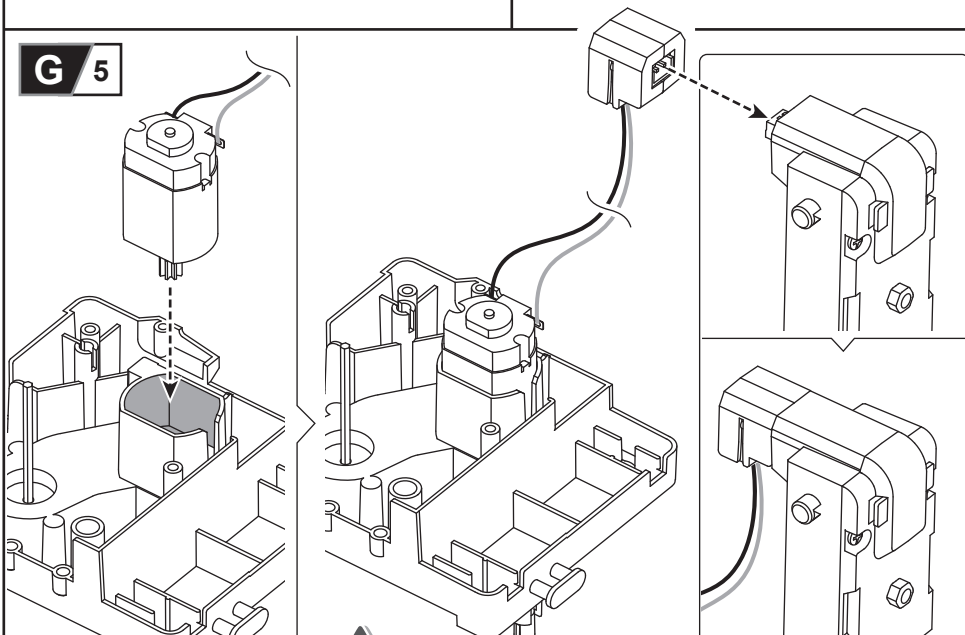


G 1

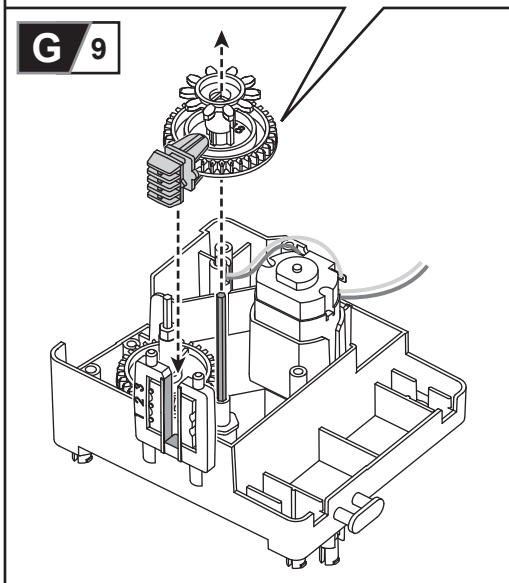
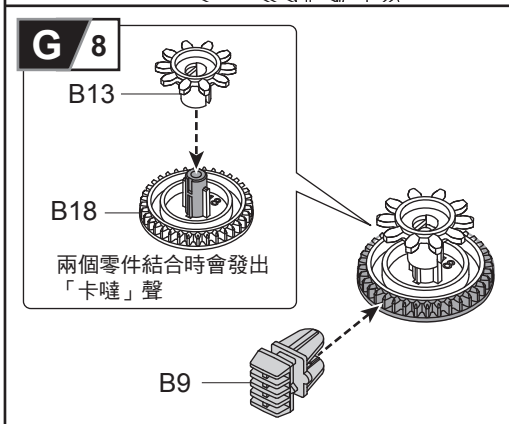
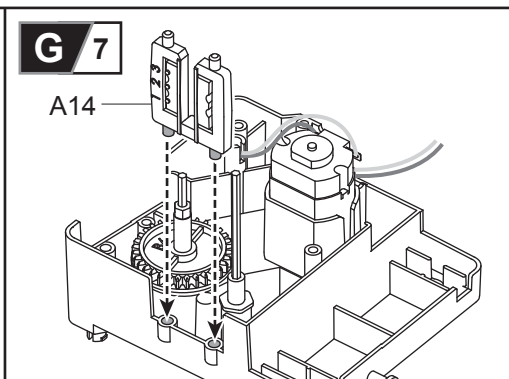
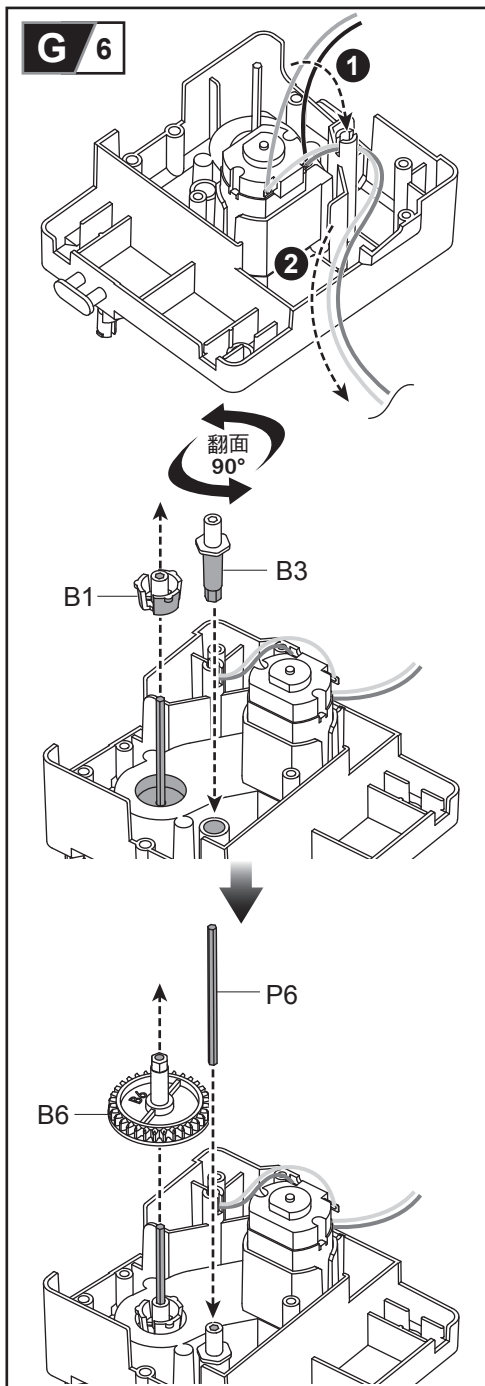


G 2

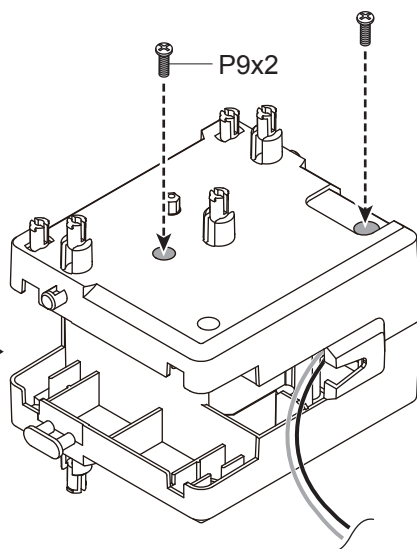
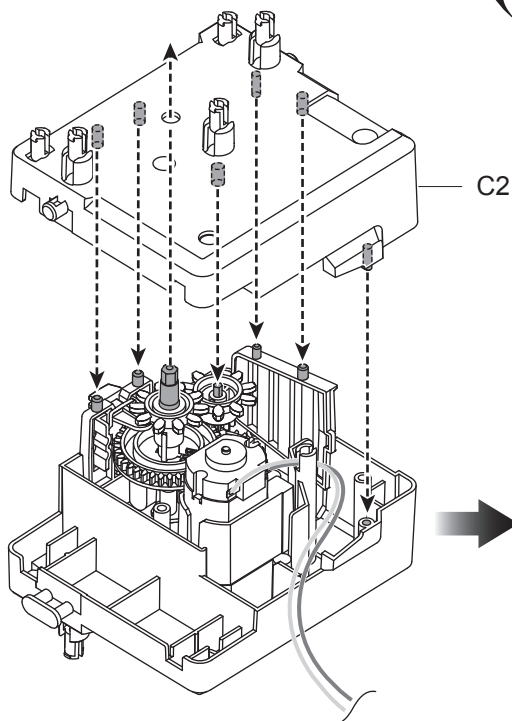
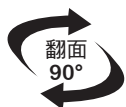
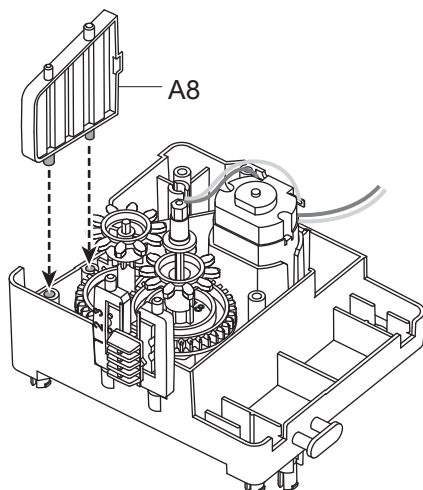
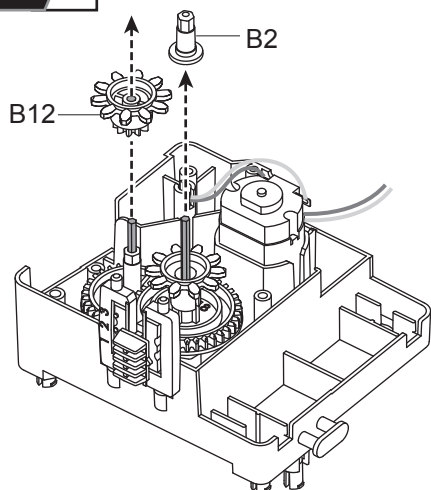


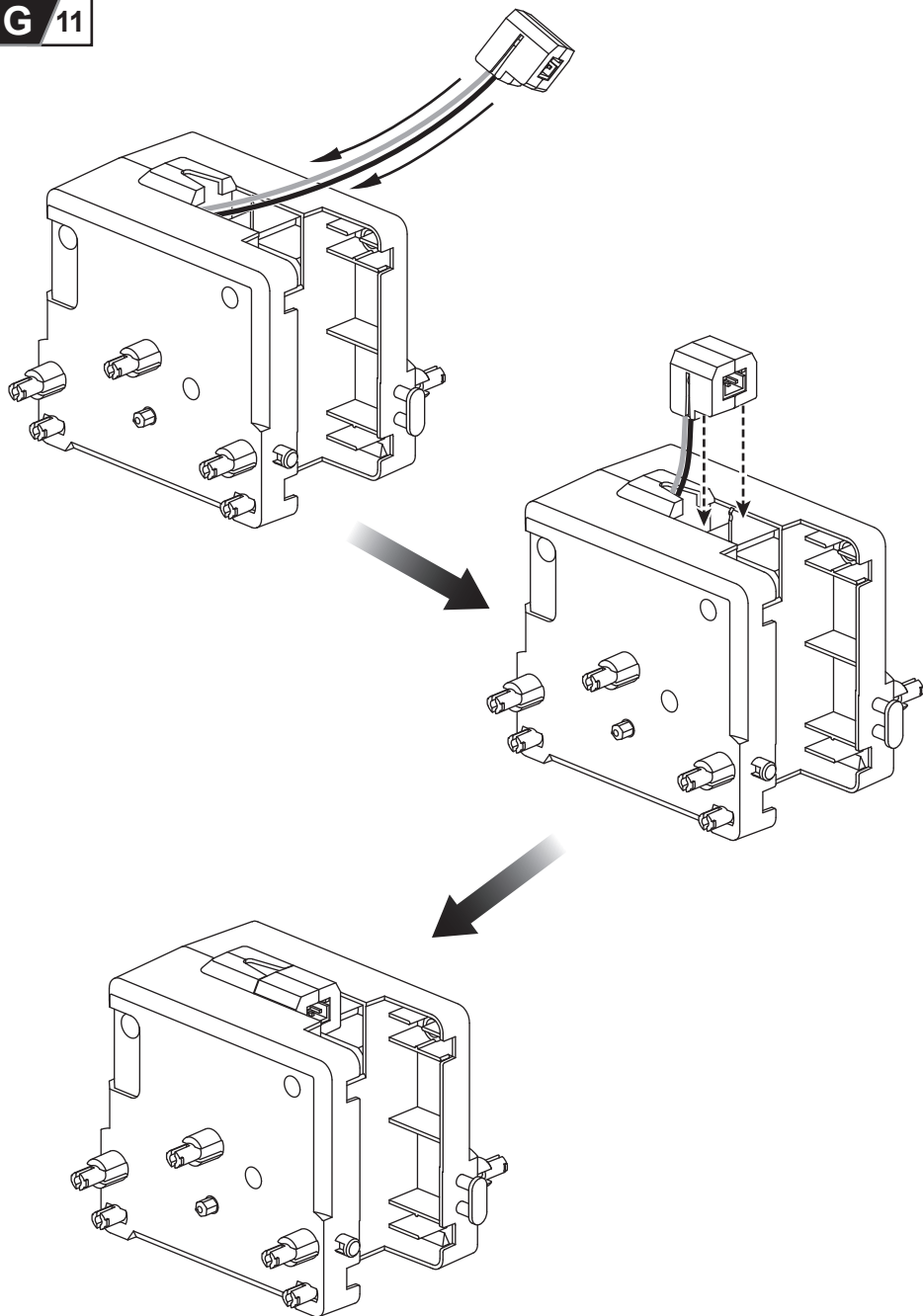
G 3**G 4****G 5**

注意：請檢查齒輪箱是否能正常轉動，如果無法動作或發出怪聲，請回到步驟 **G 3** 重新組裝



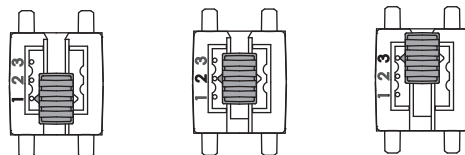
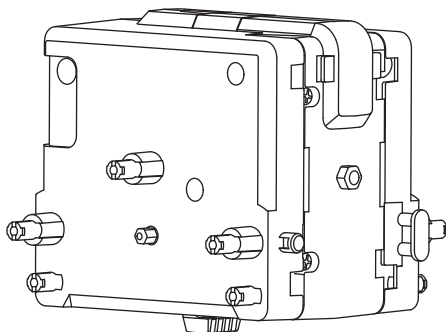
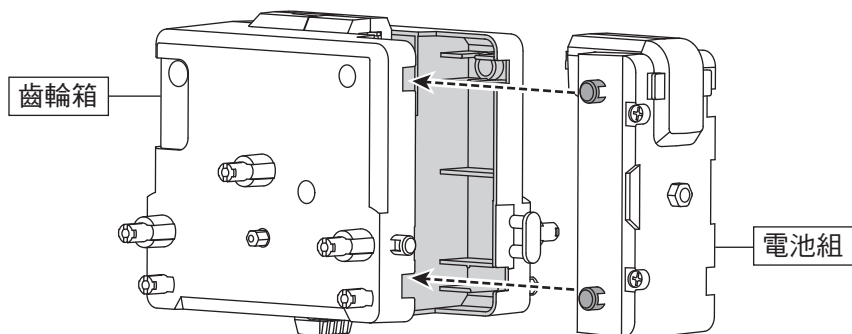
G 10





齒輪箱測試

啟動



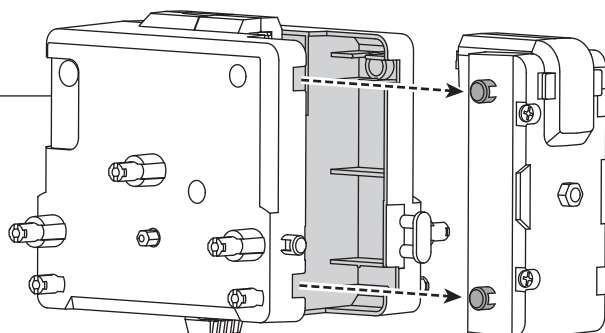
請依序切換轉速1.2.3.
以確認齒輪箱是否依對應的轉速輸出



注意：請檢查齒輪箱是否能正常轉動，如果無法動作或發出怪聲，
請回到步驟 **G 6** 重新組裝。

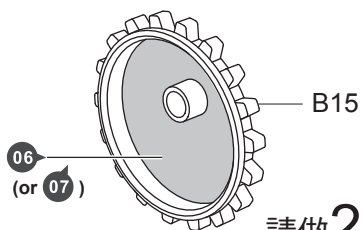
關閉電源

齒輪箱

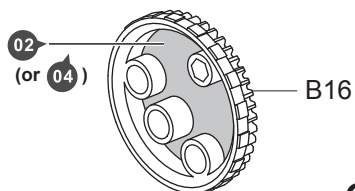


電池組

貼紙裝飾

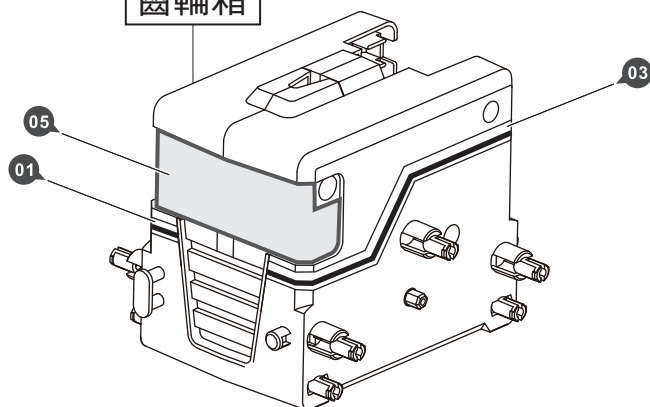


請做2組



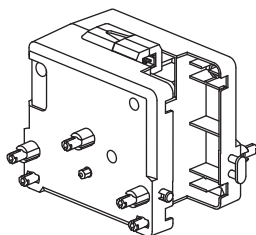
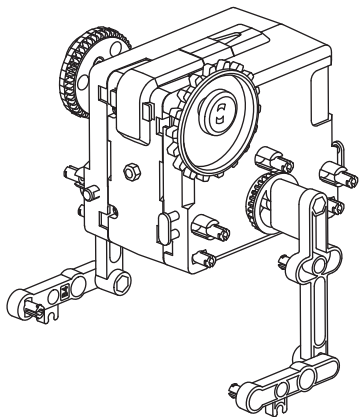
請做2組

齒輪箱

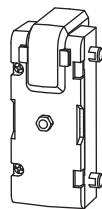


01怪獸 組裝&操作

組裝「怪獸」前請先準備以下零件



齒輪箱



電池組



B15x1



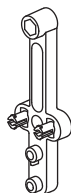
B16x1



B17x2



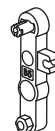
A9x2



A12x2



B4x1

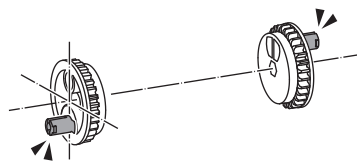
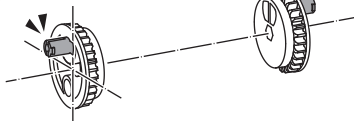
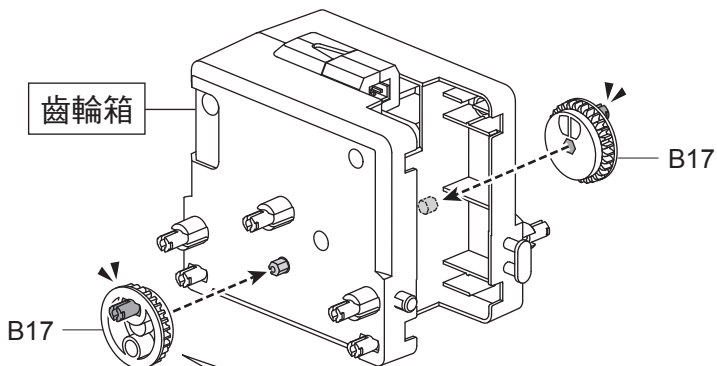


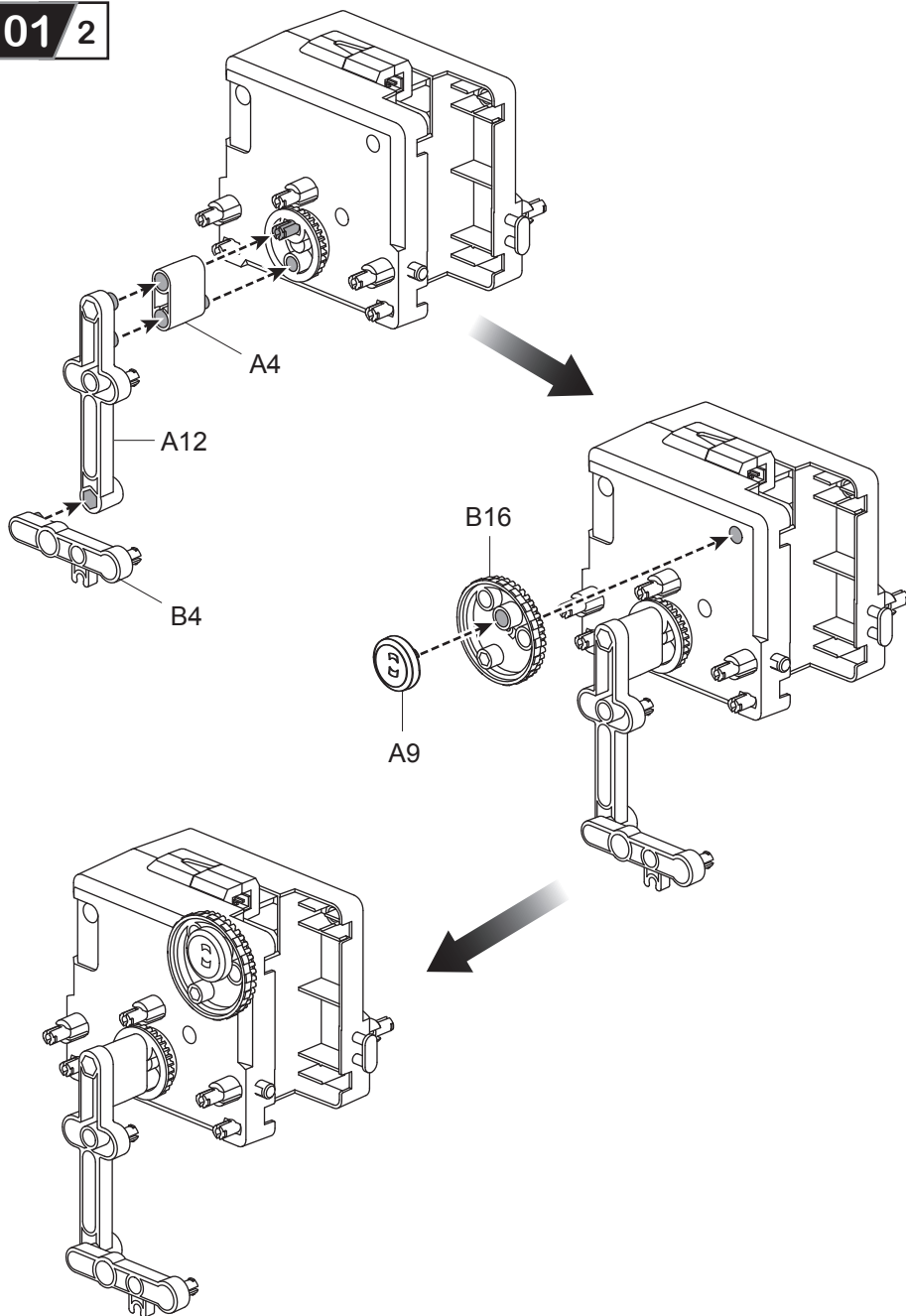
B5x1

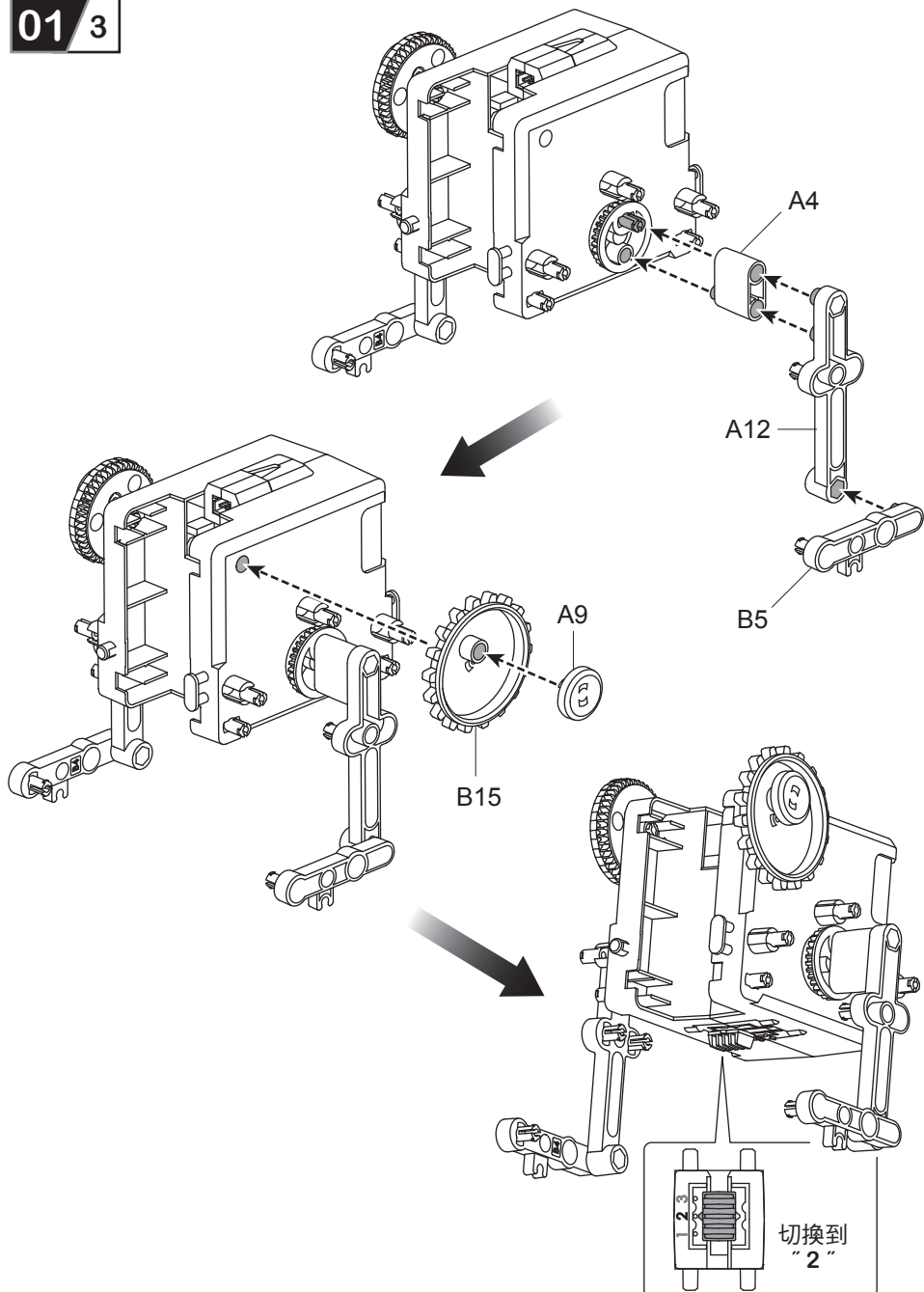


A4x2

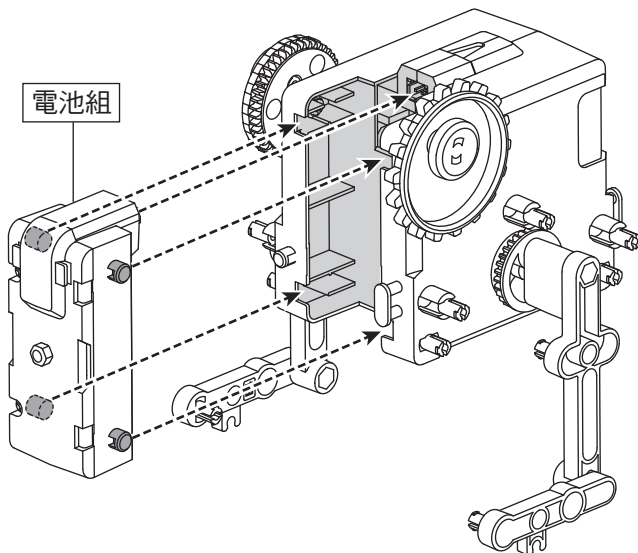
01/1





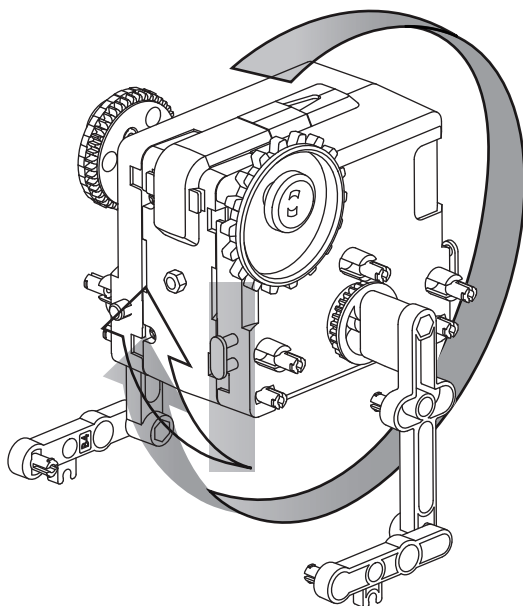


01 4



01 5

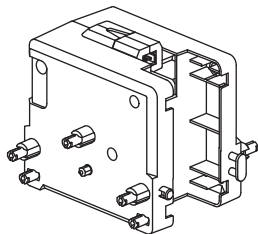
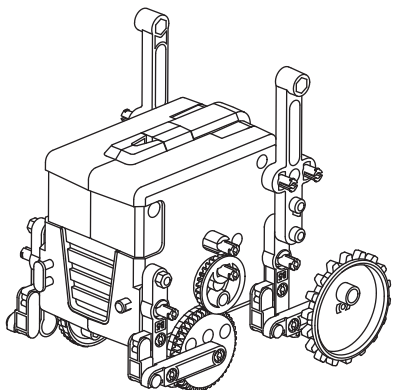
開始奔跑



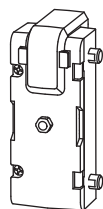
翻滾前進

02 拖拉機 組裝&操作

組裝「拖拉機」前請先準備以下零件



齒輪箱



電池組



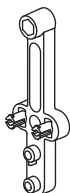
B15x2



B16x2



B17x2



A12x2



B4x2



B5x2

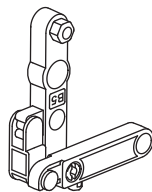
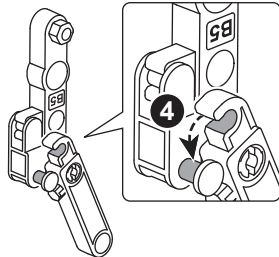
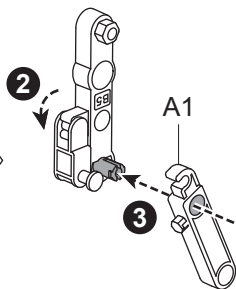
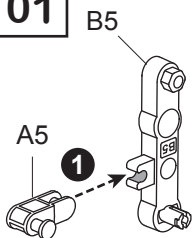


A1x4



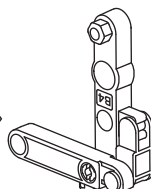
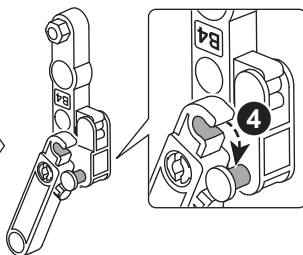
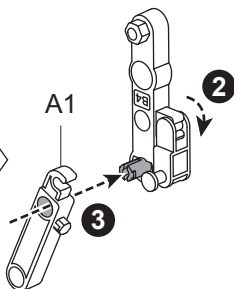
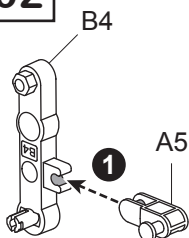
A5x4

01



請做2組

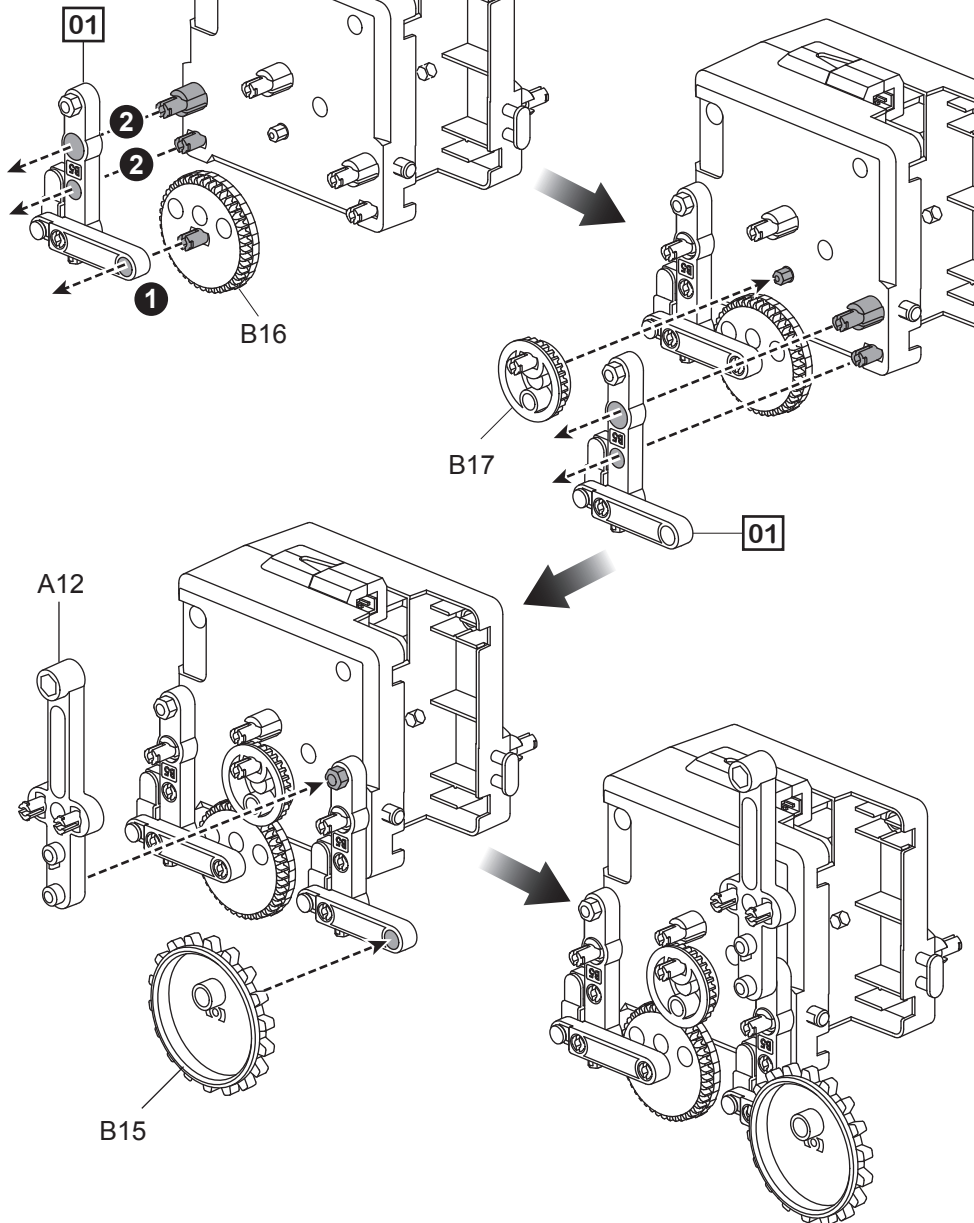
02



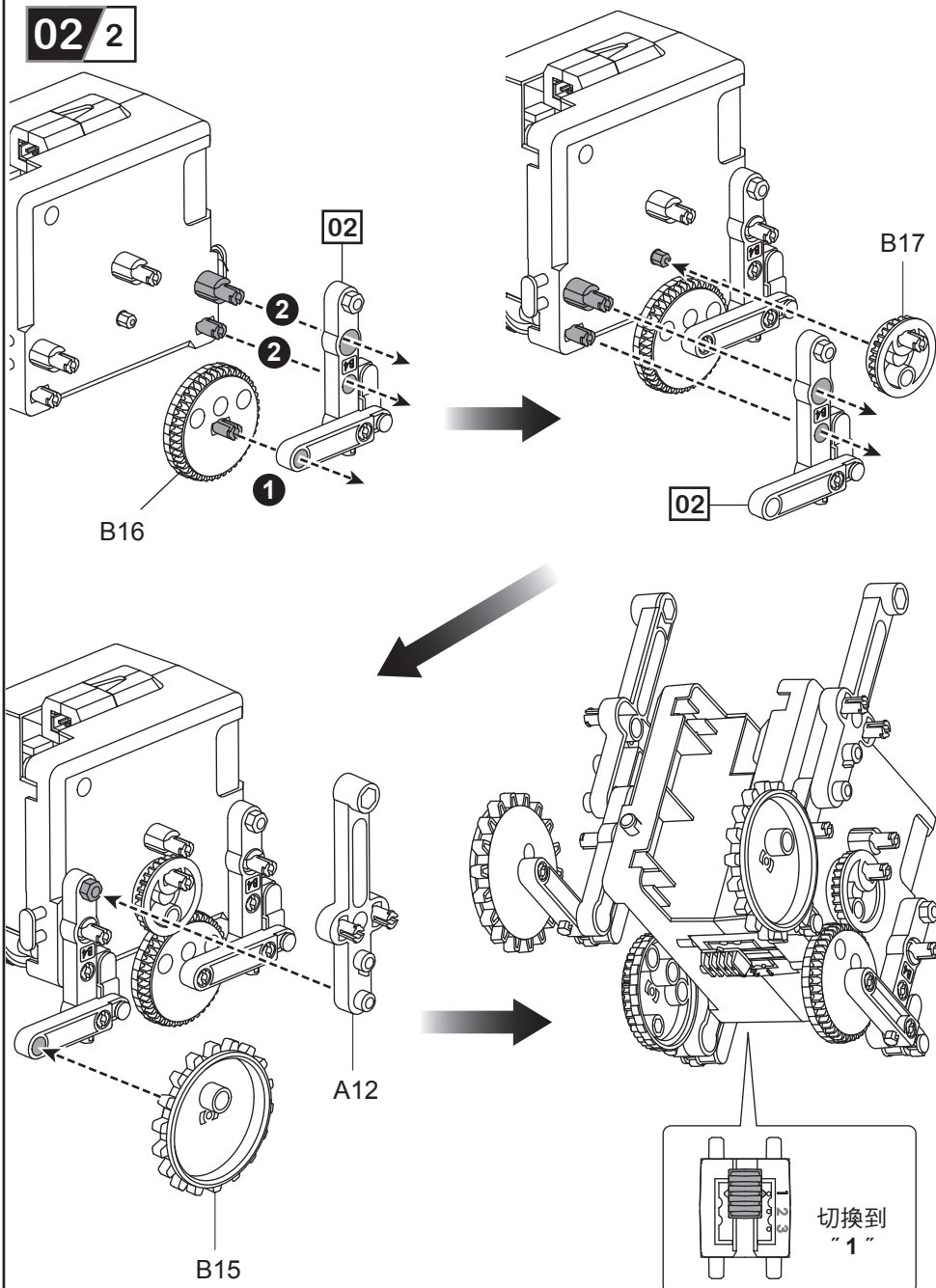
請做2組

02 1

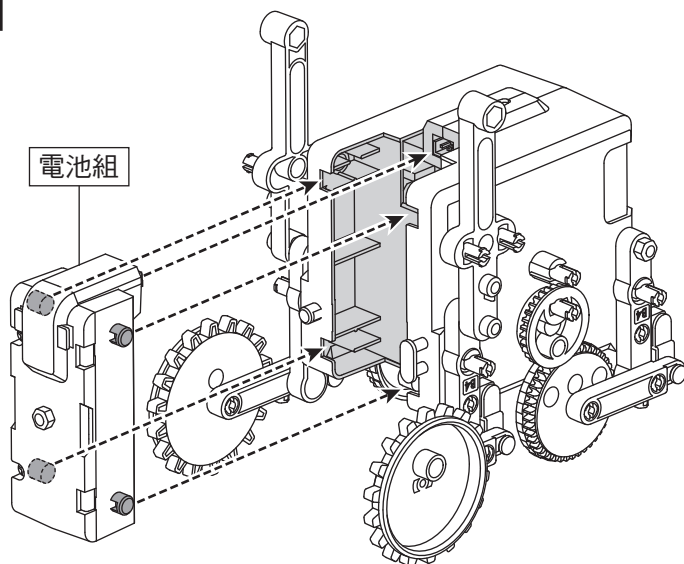
齒輪箱



02 2

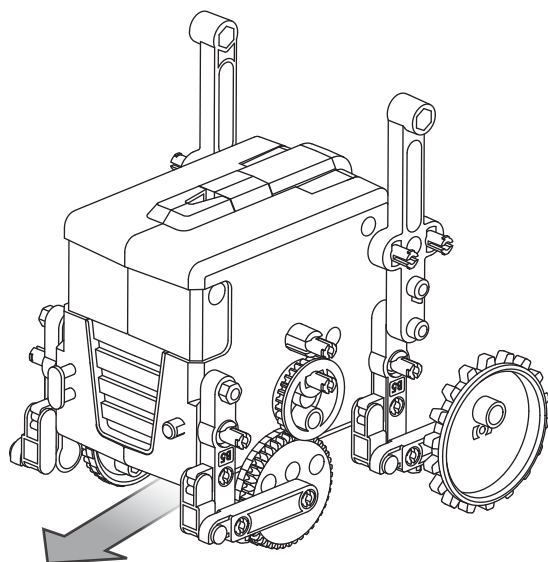


02 / 3



02 / 4

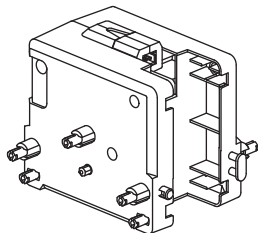
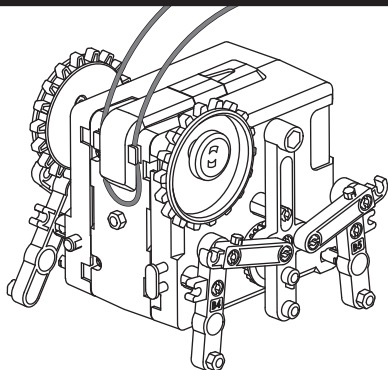
開始奔跑



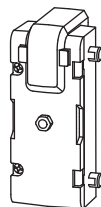
馬達驅動
齒輪傳動

03 小蟋蟀 組裝&操作

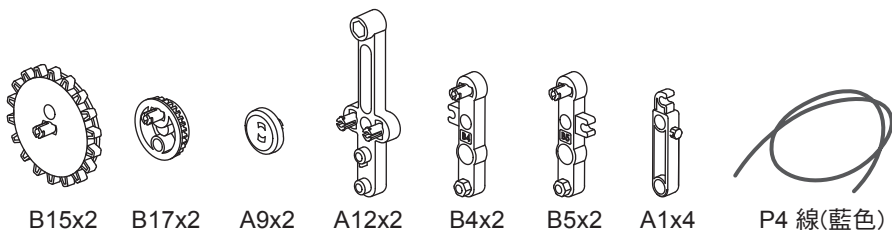
組裝「小蟋蟀」前請先準備以下零件



齒輪箱



電池組



B15x2

B17x2

A9x2

A12x2

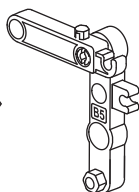
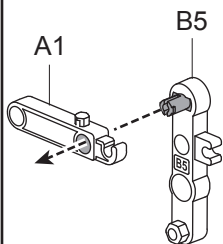
B4x2

B5x2

A1x4

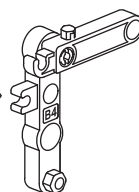
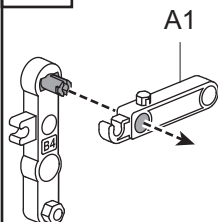
P4 線(藍色)

01



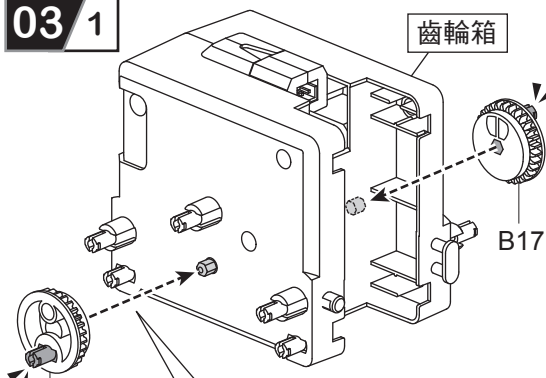
請做2組

02



請做2組

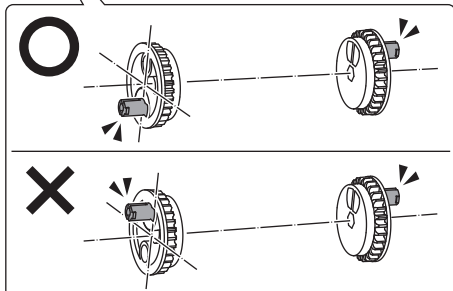
03 1

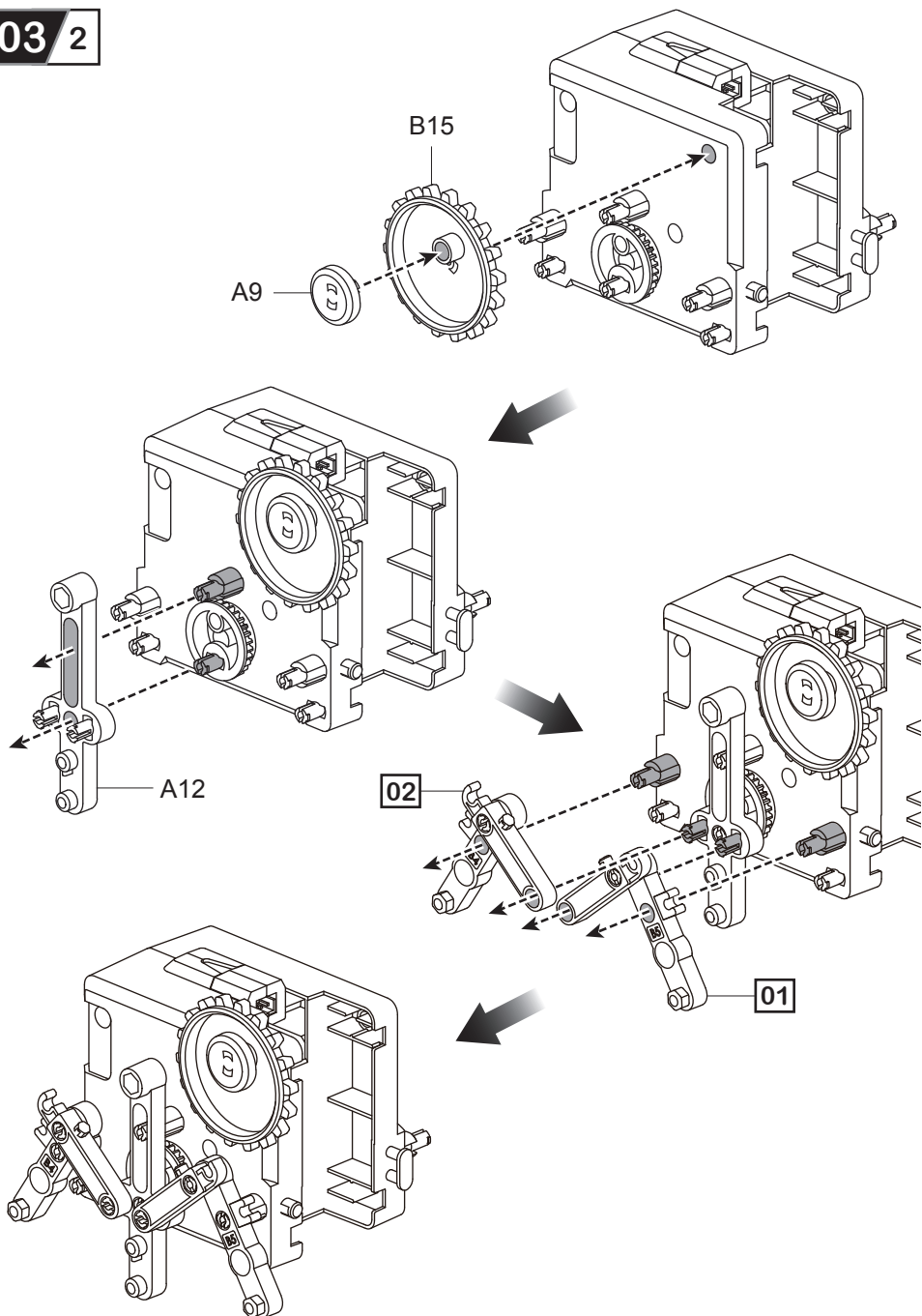


齒輪箱

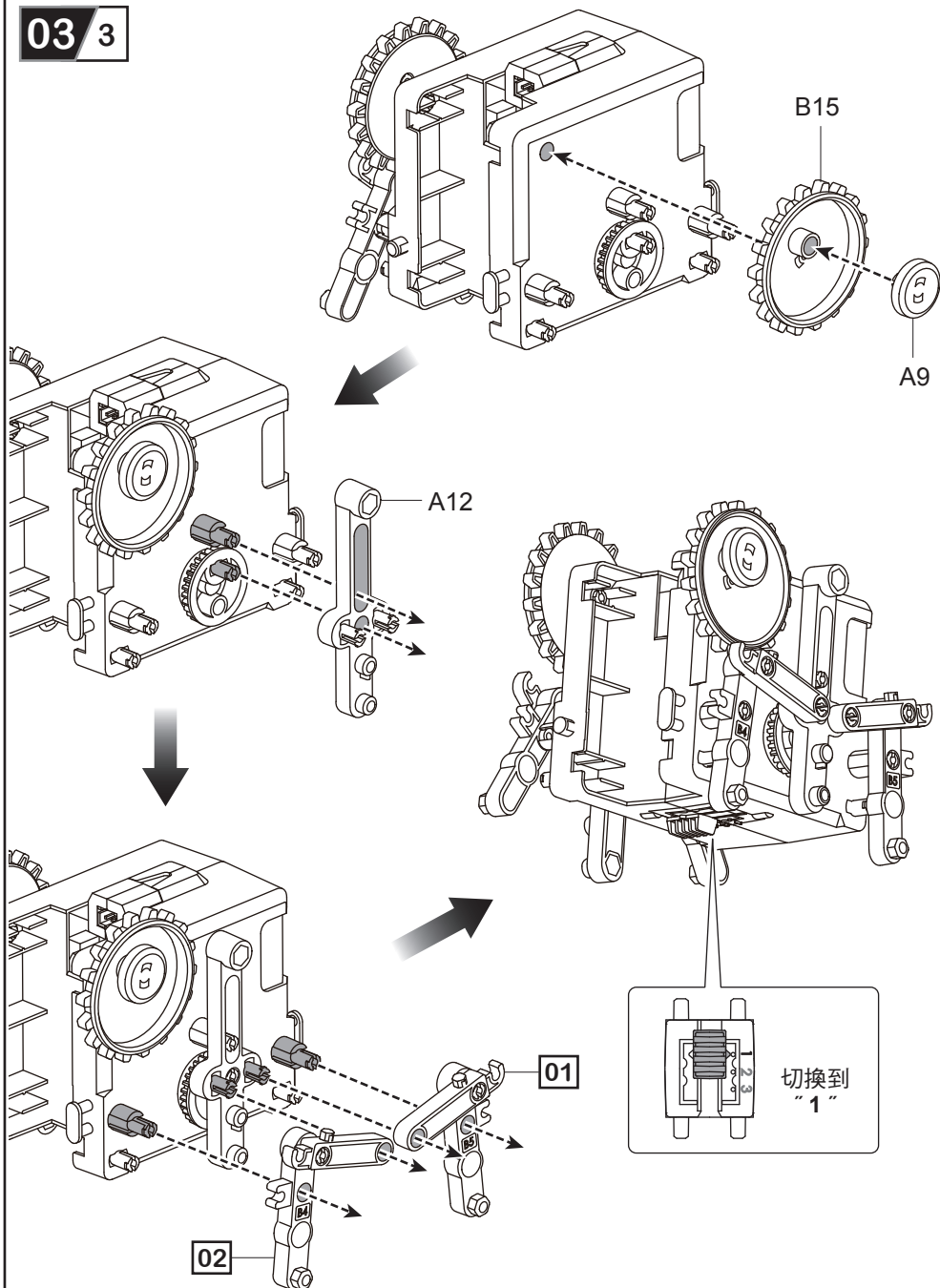
B17

B17

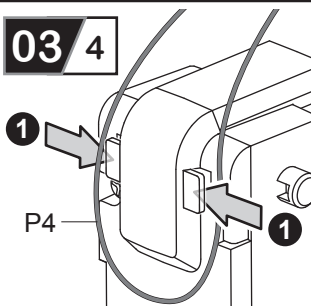




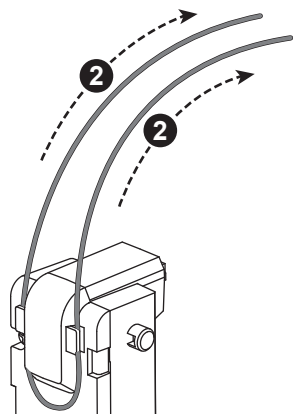
03 3



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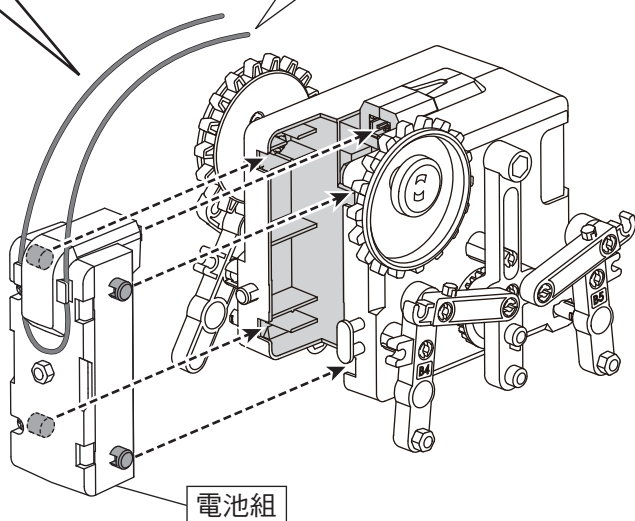
請調整藍線使其成為觸鬚



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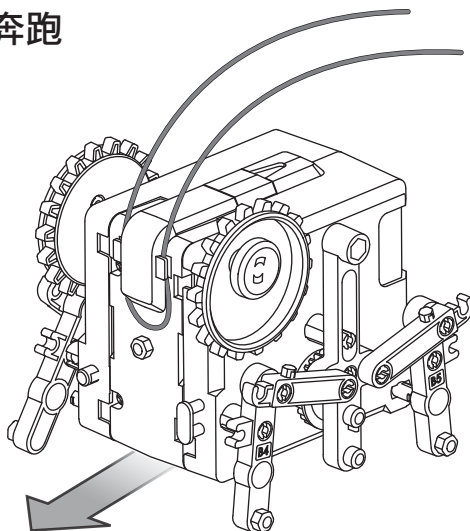


請勿過度彎折藍線以免斷裂



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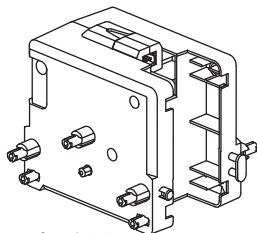
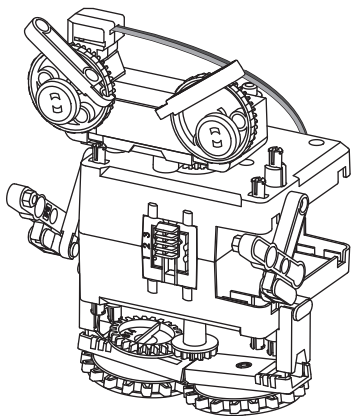
開始奔跑



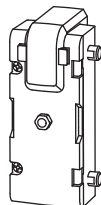
使用6隻腳行走

04 蟲蟲機器人

組裝「蟲蟲機器人」前請先準備以下零件



齒輪箱



電池組



B15x2



B16x2



B17x1



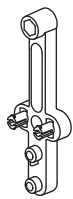
A9x2



B14x1



B7x1



A12x1



B4x1



B5x1



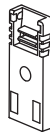
A1x4



A5x2



A10x1



A7x1

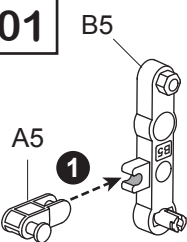


A13x2

01

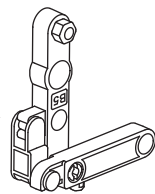
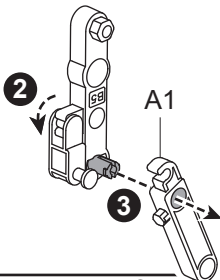
B5

A5



2

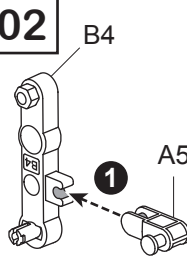
A1



02

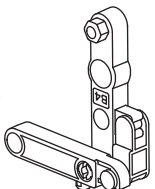
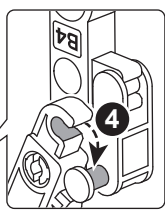
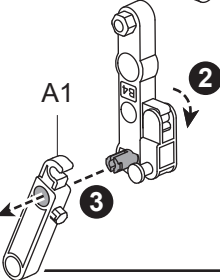
B4

A5

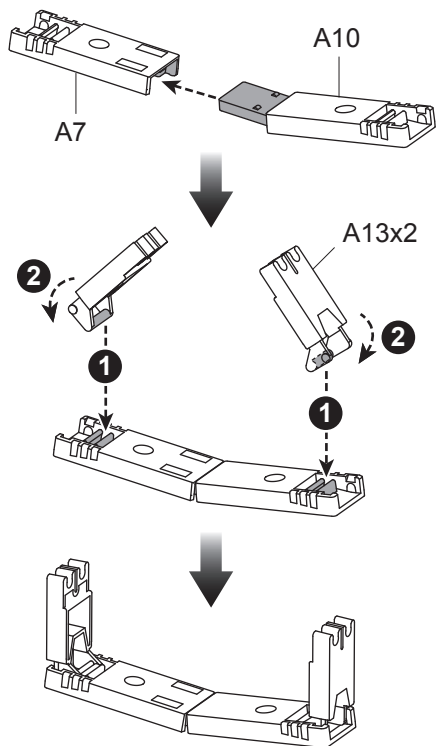


2

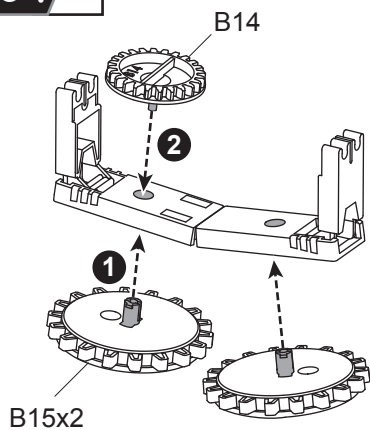
A1



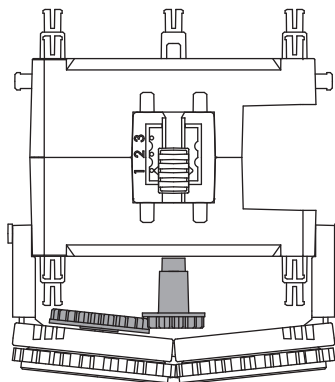
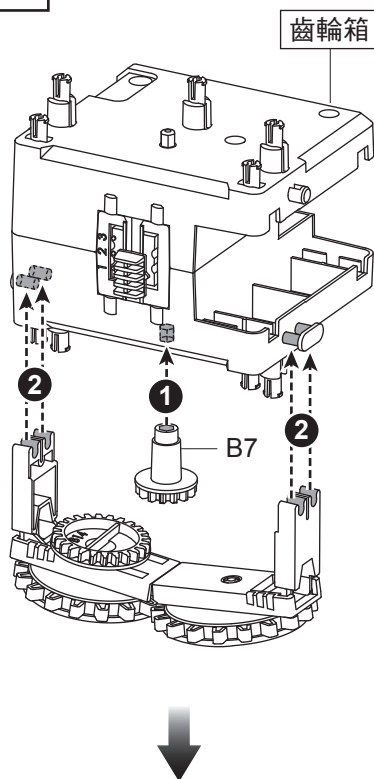
04 / 1



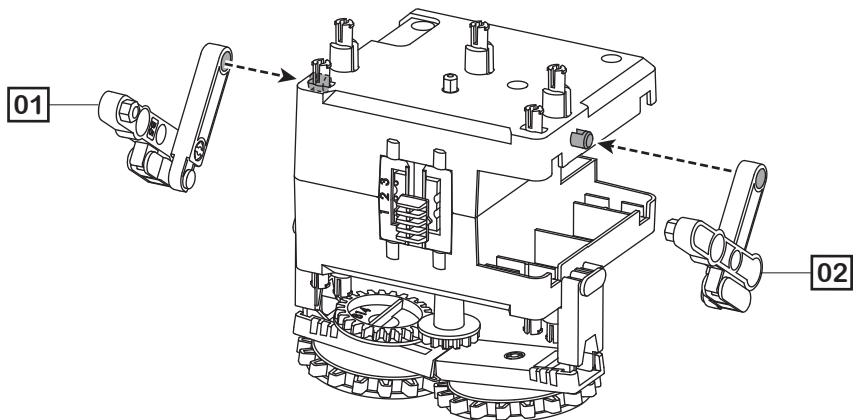
04 / 2



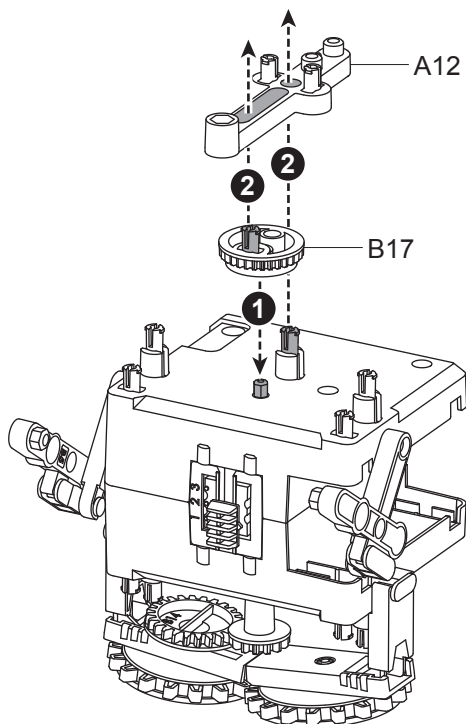
04 / 3



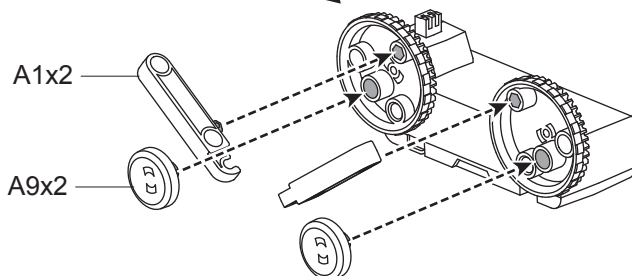
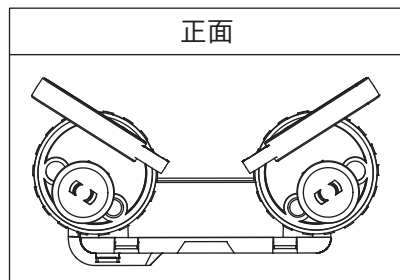
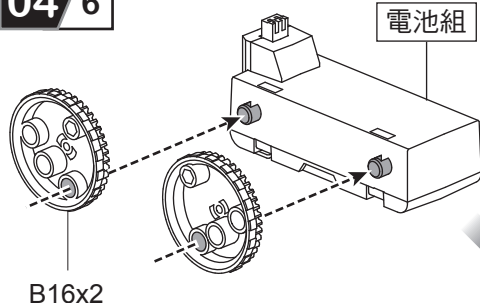
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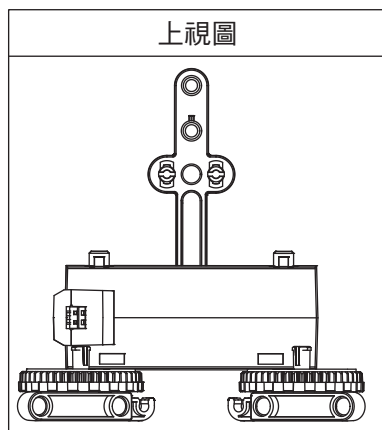
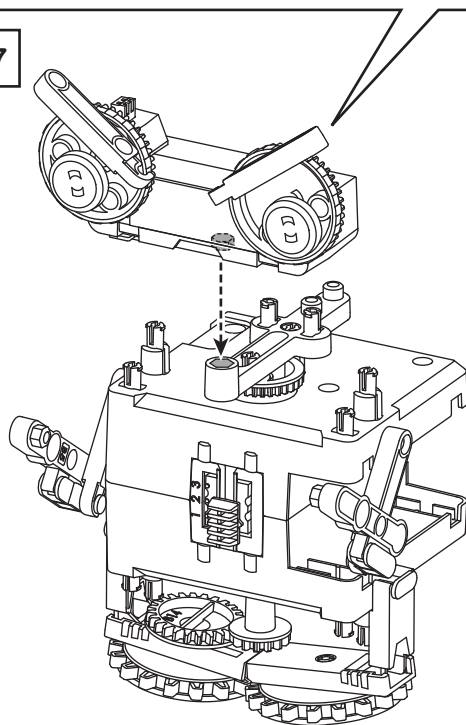
04 / 5



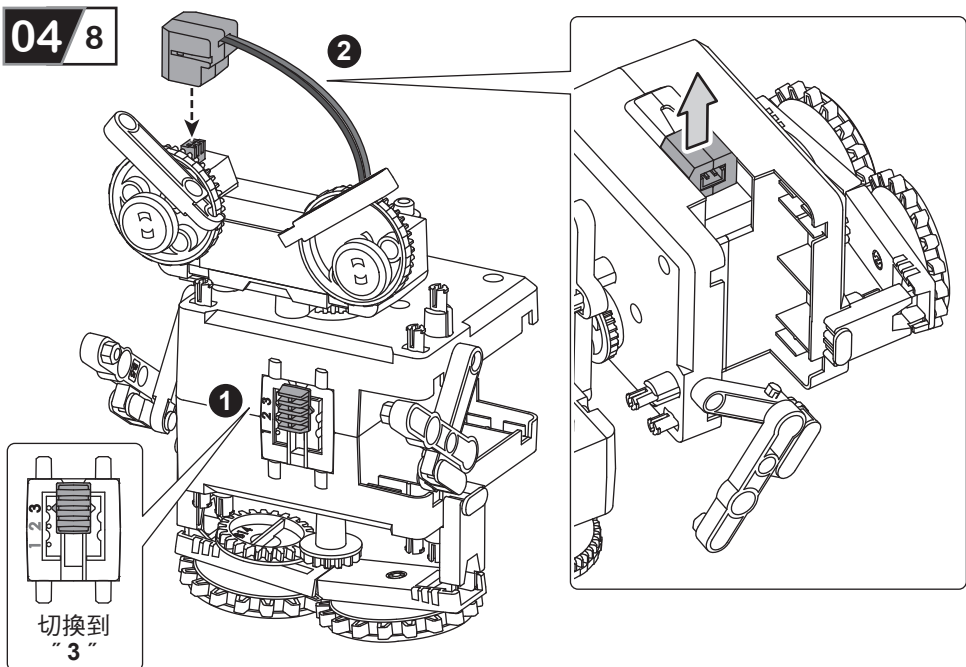
04 / 6



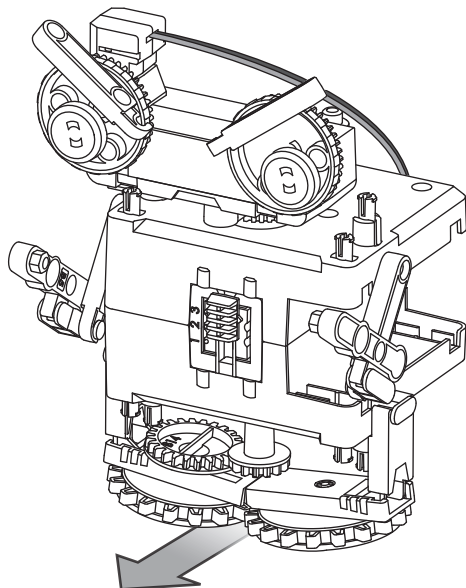
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04/8



04/9 開始奔跑



頭部左右晃動
齒輪驅動行走

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

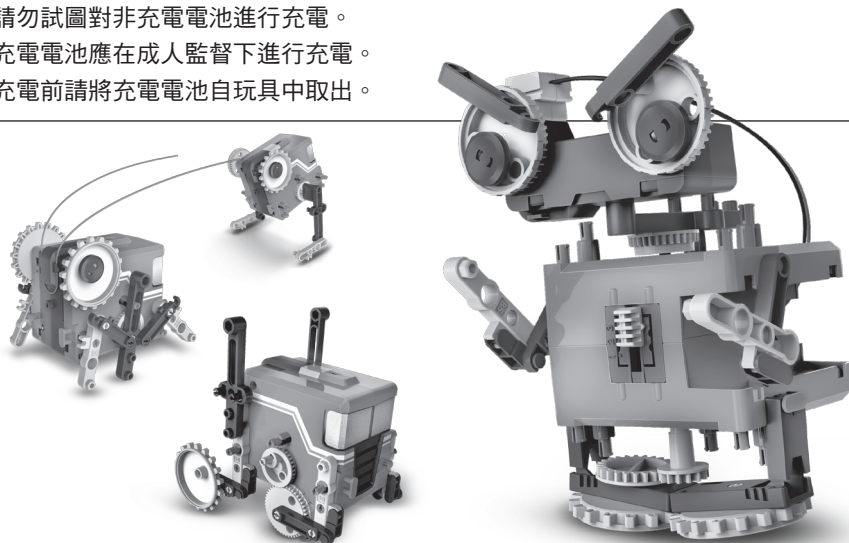
E-mail:science@mail.prokits.com.tw

寶工購物網:<https://shop.prokits.com.tw>

GE-891 4合1變形蟲 零件表

零件型號	零件名稱	數量
5GE-89100P1	馬達端子組	
5GE-89100P2	電池座(1.5V)	
5GE-89100P3	泡綿	
5GE-89100P4	線(藍色)	
5GE-89100P5	六角軸齒輪組	
5GE-89100P6	六角軸	
5GE-89100P7	齒輪(黃色)	
5GE-89100P8	小齒輪(白色)	
5GE-89100P9	自攻螺絲	
5GE-89100P10	貼紙	
5GE-89100PPA	塑膠零件A	
5GE-89100PPB	塑膠零件B	
5GE-89100PPC	塑膠零件C	
5GE-89100IM	說明書	

- 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。
- 電池放入前請先確認正確正負極性方向。
- 請勿試圖對非充電電池進行充電。
- 充電電池應在成人監督下進行充電。
- 充電前請將充電電池自玩具中取出。



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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