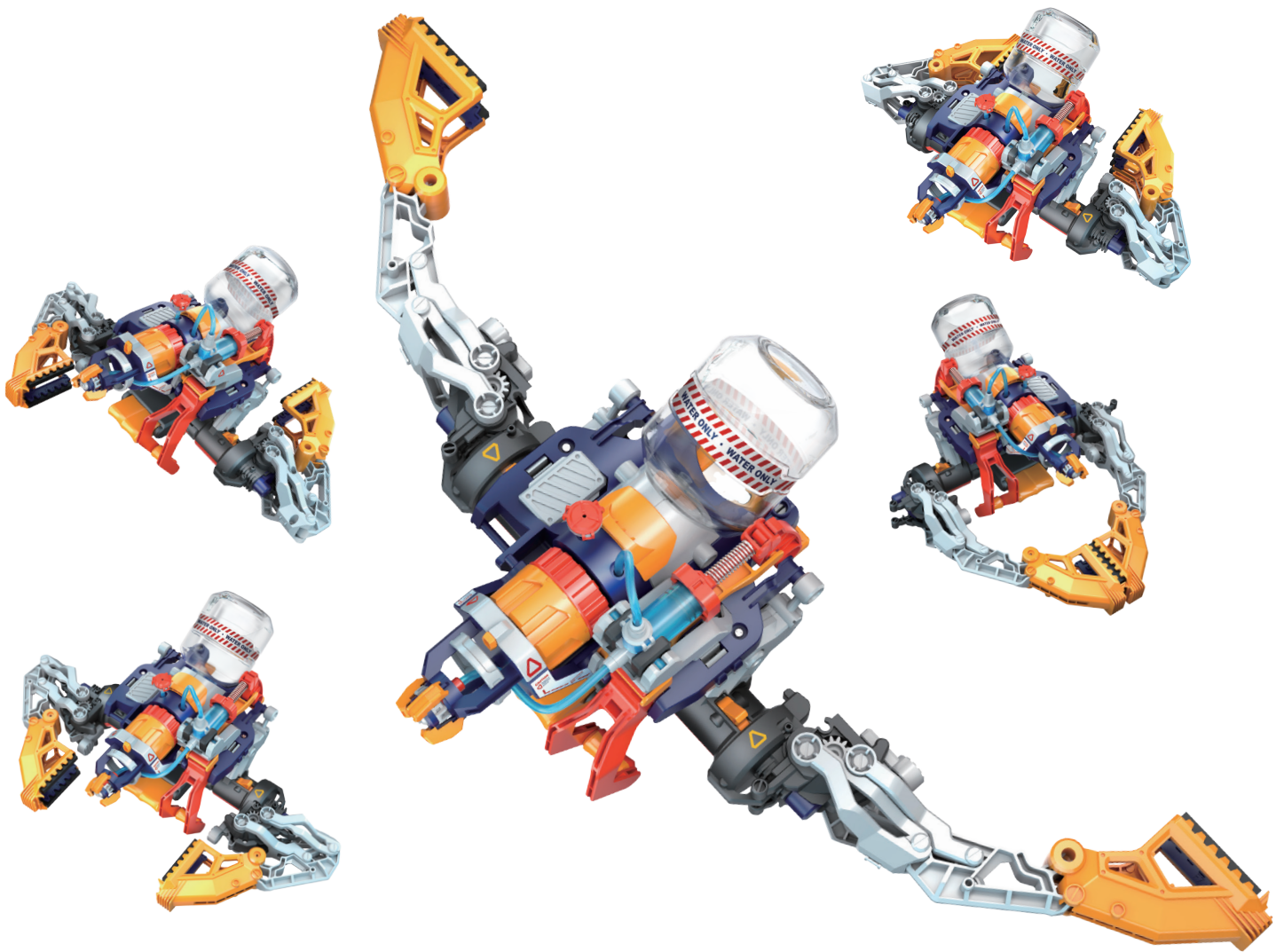


水星 / 射手

WATER / BLASTER
TRANS / FORMER

✦ 水槍機械手臂 ✦



Assembly & Instruction
Manual
組裝說明手冊

手作樂趣 • 科學玩具

MAKING LEARNING PLAYING

台灣製造 • 專利研發 • 無毒環保

獨家原創療癒新寵



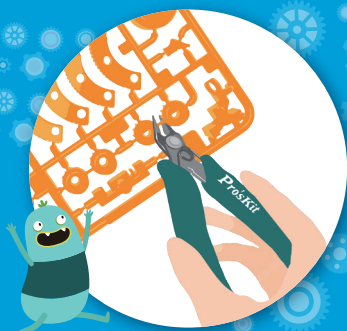
科學玩具行銷全球 20 餘國，擁有歐、美、日、澳、中國、台灣...等多國專利註冊，符合台灣ST玩具、中國 CCC 等各國安全認證，專業研發獲得國際多項殊榮。結合科學原理，DIY實做、模型美學，啟發孩童想像力與創造力，是玩具也是教具，組模型也組思緒。

三倍樂趣 • 啟動大腦神經元



1 手做模型組裝 DIY Assembly

搭配好工具
訓練手眼協調力



2 科學動力學習 Learn Scientific Knowledge



3 多樣創意玩法 Diversity of Play



6 合一風車小精靈



3 合一發條時鐘



8 變太陽能機器人

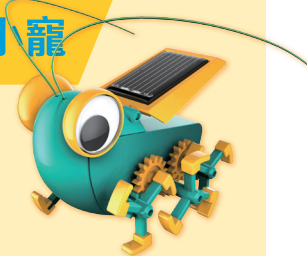
科學動力



電池動力



療癒小寵



教學編程



競技遊戲



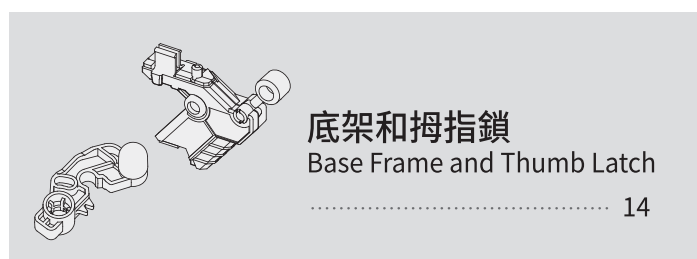
模型收藏



水星射手 Water Blaster Transformer

目錄 Contents

產品介紹 Product Introduction	1
小技巧提醒 Read it Before Assembly	2
自備工具 Tools You May Need	3
零件清單 Mechanical Parts List	3
塑膠模型零件 Plastic Parts	4
慣用手的組裝技巧 Installation Tips for Your Dominant Hand	4
如何為零件上油 How To Oil The Parts	4



遊戲方式 How to Operate	27
變形方式 Transformation	30
注意事項 Warning	34
故障排除 Trouble Shooting	35
更多資訊 More Information	36

水星一肘手

WATER BLASTER
TRANSFORMER
+水槍機械手臂+

產品介紹 Product Introduction

嘿，水星射手們！你可能玩過水槍，但你有看過可以變形的水槍嗎？

讓人大飽眼福的水槍機械手臂- 一款革命性的水槍，不僅有五種變形模式，還同時具有STEAM學習體驗！採用符合人體工學的設計，適合兒童和成人的手，無需任何調整。組裝過程可依照慣用手，拼出符合自己習慣的成品。任何時候操作，只需單手扣動板機，控制變型，掌握其多功能性，輕鬆操作自如！

水槍機械手臂共有5種模式：盾牌模式、夾爪模式、劍模式、迴旋鏢模式和十字弓模式。在盾牌模式下，它會自動轉變為夾爪模式，而其他模式可以透過簡單的旋轉和調整輕鬆實現。無盡的冒險等待著你！快號召你的朋友組成水星射手小隊，釋放你的想像力，盡情探索未知的科幻世界！



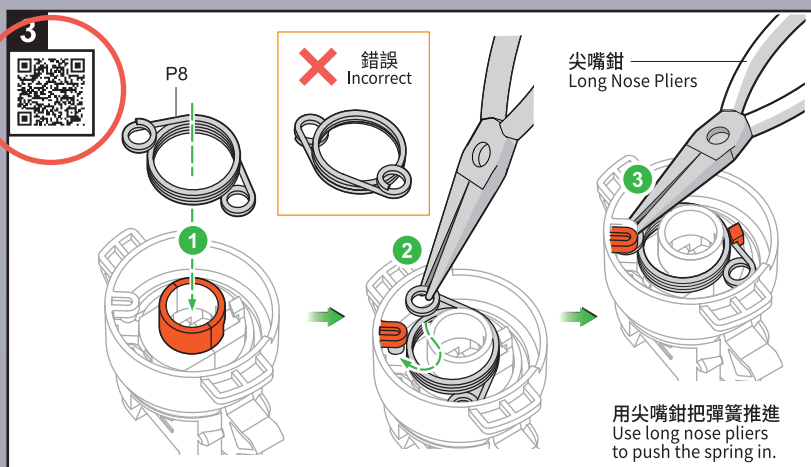
▲ 組裝影片
Assembly Video



小提醒 Reminder

如組裝過程中出現任何問題，掃碼觀看操作影片能立即為你排解疑問。

If there are any problems during the assembly process, scan the QR code to watch the operation video to solve your problems immediately.



讓我們開始組裝吧 →

Let's Start Assembling

小技巧提醒 Read It Before Assembly



組裝前須知 Must-know

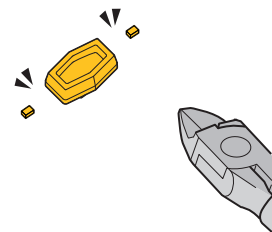
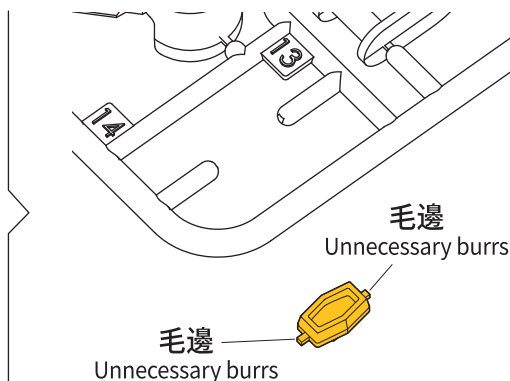
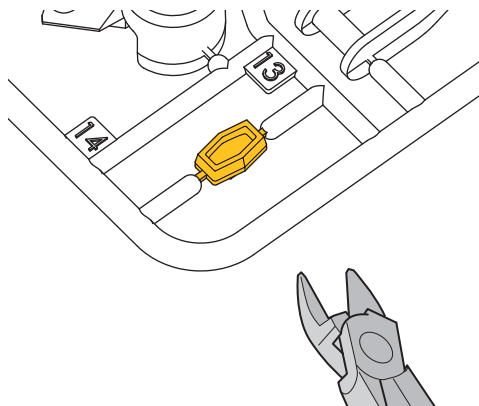
請詳讀以下組裝小技巧 Please read through and follow the tips below before assembly.

請將毛邊修剪乾淨 Remove burrs



毛邊務必修剪乾淨，以免遊玩時動作失常。

Please cut off the burrs clean, or the product might not work functionally.



請確保毛邊修剪完全，以免造成操作問題。

It happens a lot some burrs are left at the edge of plastic parts after cutting them off. Make sure the burrs are completely removed to avoid operation malfunction.

請勿使用以下方式 Please do not



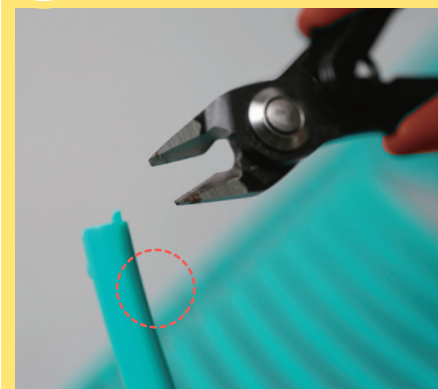
用剪刀剪
Cut with scissors



用手擰
Twist it with your hand



用剪切後會留毛邊的手鉗
The cutter which leaves burrs



小提醒 Reminder

建議使用專業模型鉗
Suggest using model cutters



PM-200



PM-202



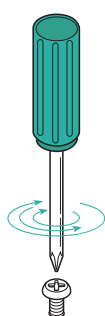
PM-203

Oops! 剪壞了
If the part is broken

零件剪壞了 Don't worry! 進入官網頁面依流程提交補配件申請。
Free replacement service for the broken parts or accessories.



鎖緊螺絲 Fasten tapping screws



請使用相對應(尺寸相容)的螺絲起子。透過以下步驟即可鎖緊螺絲。
Use corresponding (size-compatible) screwdriver. By following steps below, you can fasten the tapping screws perfectly.

將起子對準
螺絲頂部

Put the screwdriver towards the top of screws.

- (1) 旋入 Screw in
- (2) 感覺壓力越來越大
Feel the tension getting higher
- (3) 繼續擰緊 Keep screwing

重複此動作直
至螺絲緊

Repeat until
screws are tightly
fastened.

請將螺絲全部鎖緊到底部。
若鎖得不夠牢固，零件可能
會剝離導致產品不起作用。

Please lock screws all the way down to the bottom. If they are not fastened tightly enough, parts may come off. The product may consequently not work.



正確
Correct



錯誤
Incorrect



自備工具 Tools You May Need



斜口鉗
Diagonal Cutter



尖嘴鉗
Long Nose Pliers



起子
Screwdriver



衛生紙
Tissue Paper



杯子
Cup



棉花棒 Cotton Swab



尺 Ruler



剪刀 Scissors

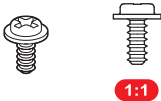
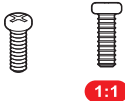
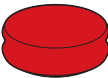
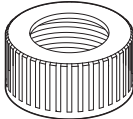
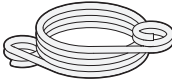
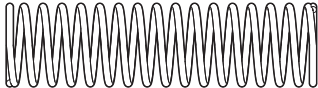
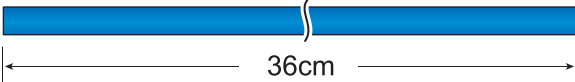
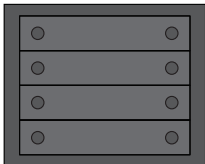
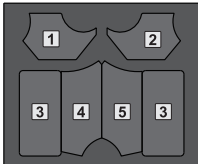
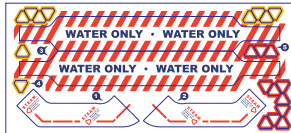


麥克筆(細)
Marker Pen (Fine)

零件清單 Mechanical Parts List

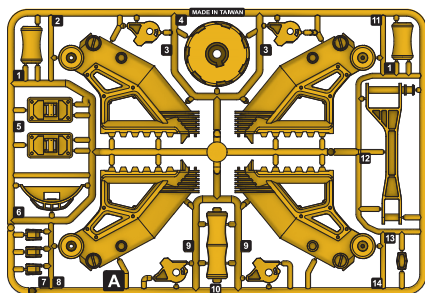


部分產品有銳利邊角, 組裝時請特別注意 Product contains functional edges and sharp points.

P1	螺絲 Tapping Screw	P2	螺絲 Tapping Screw	P3	墊片 Washer	P4	密封墊圈 Seal Washer
 4 pcs		 27 pcs		 3 pcs		 1 pc	
P5	活塞帽 Cap	P6	瓶蓋 Bottle Top	P7	拉力彈簧 Tension Spring	P8	拉力彈簧 Tension Spring
 1 pc		 1 pc		 4 pcs		 2 pcs	
P9	彈簧 Spring (XS)	P10	彈簧 Spring (S)	P11	彈簧 Spring (M)	P12	彈簧 Spring (L)
 2 pcs		 1 pc		 1 pc		 2 pcs	
P13 軟管 Soft Tube				P14 油包 Oil Bag			
 1 pc				  1 pc			
P15	水瓶 PET Bottle	P16	海綿 Sponge (厚 Thick)	P17	海綿 Sponge (薄 Thin)	P18	貼紙 Sticker
 1 pc		 1 pc		 1 pc		 1 pc	

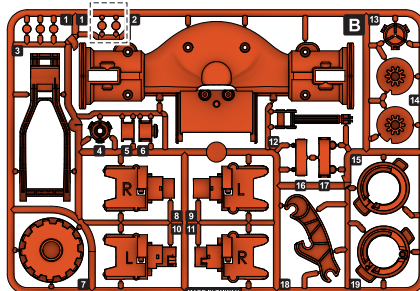
塑膠模型零件 Plastic Parts

! 請依照組裝步驟將所需的零件剪下，請勿提早剪下零件，以免混淆。
Cut the plastic parts when they are required. Do not cut them in advance.

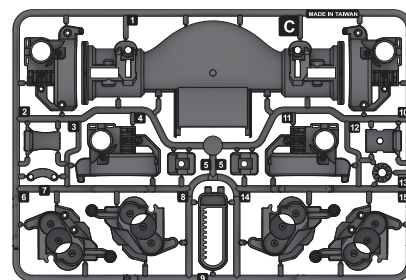


A

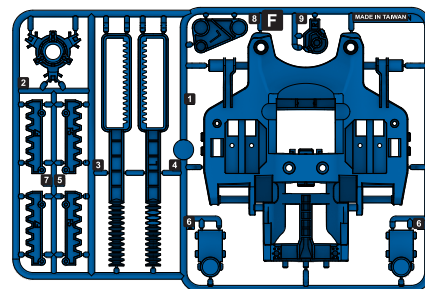
備用零件 spare parts



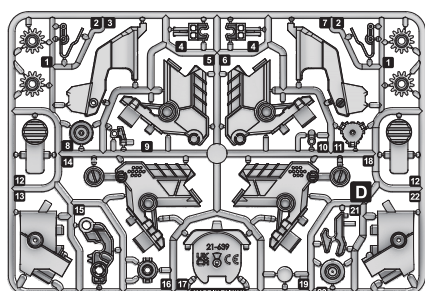
B



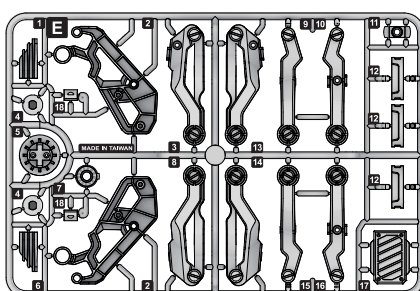
C



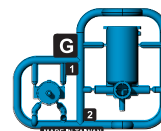
F



D



E



G

慣用手的組裝技巧 Installation Tips for Your Dominant Hand

組裝前，請先決定你將使用哪隻手來操作本產品。當你看到帶有以下  「左手使用」和  「右手使用」的圖標時，請按照符合你情況的說明進行操作。當組裝過程中無關於慣用手時，此說明書會以右手使用為範例。我們建議在組裝前先劃掉與你的慣用手無關的步驟插圖，這將使組裝過程更加順暢。請翻至以下有關於慣用手的頁面。(p.8 step14 / p.15 step6 / p.19 step3 / p.20 step6 / p.21 step2 / p.22 step3 / p.23 step6 / p.24 step3 / p.25 step1&2 / p.26 step3)

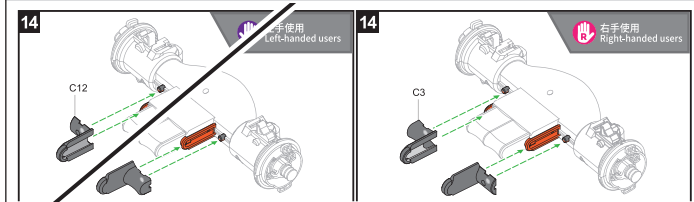
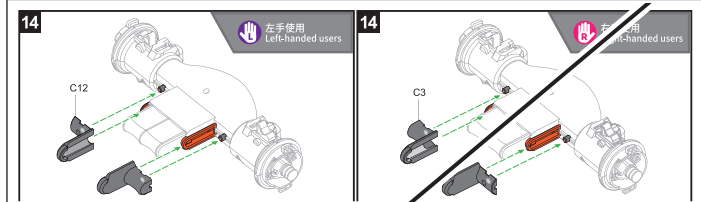
Before assembling, please determine which hand you will use to operate this product. When you see instructions with "  left-handed " and "  right-handed " icons, follow the one that matches your condition. For instructions that don't relate to your dominant hand, they will use a right hand as an example. We recommend that before assembling, you first cross out the illustration steps that are not related to your dominant hand. This will help make the assembly process smoother. Please go through the pages below.(p.8 step14 / p.15 step6 / p.19 step3 / p.20 step6 / p.21 step2 / p.22 step3 / p.23 step6 / p.24 step3 / p.25 step1&2 / p.26 step3)

慣用手是左手的人，請劃掉以下步驟

For those who are  left-handed, please cross out the following steps.

慣用手是右手的人，請劃掉以下步驟

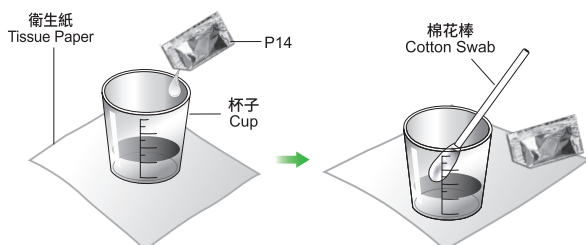
For those who are  right-handed, please cross out the following steps.



如何為零件上油 How To Oil The Parts

 = 上油
Apply Oil

注意：
只在  出現時才上油
Note:
Oil the parts when  appears.

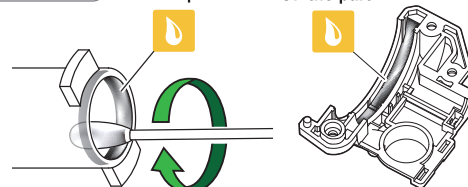


! 請勿在陰影處外上油
如右圖所示
Do not oil outside
the shadow as
shown below.

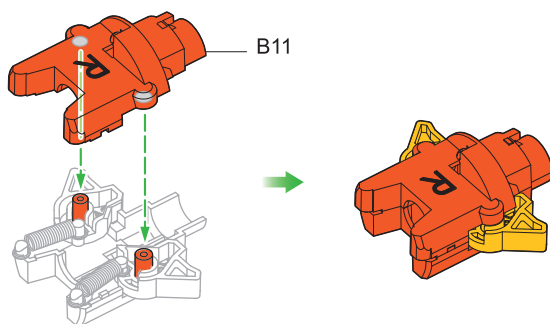
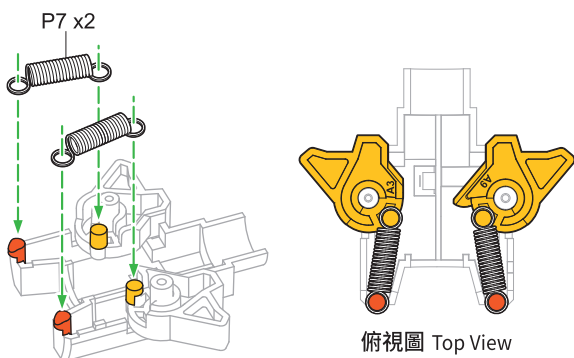
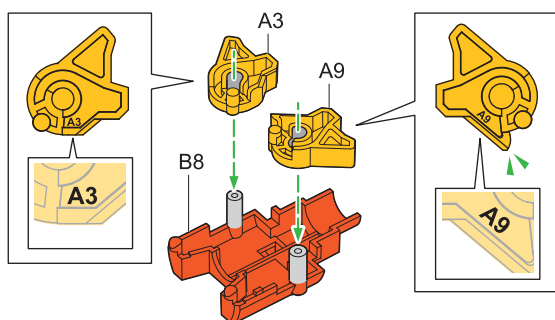
範例 Example:

此處上油
Oil the part

此處上油
Oil the part



1



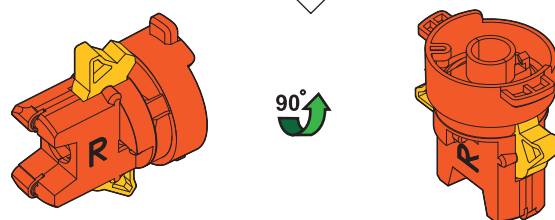
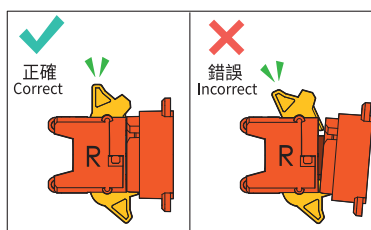
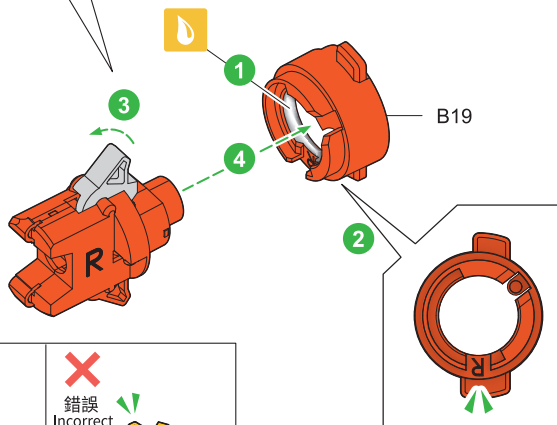
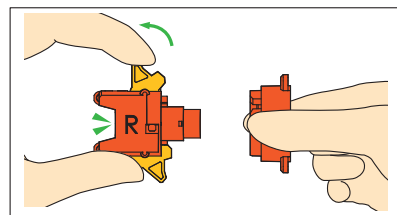
2



= 上油
Apply Oil

注意: 只在 出現時才上油

Note: Oil the parts when appears.



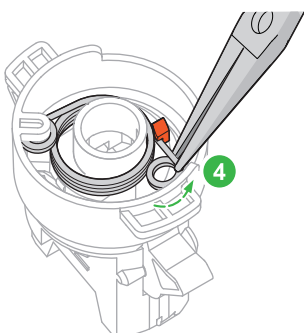
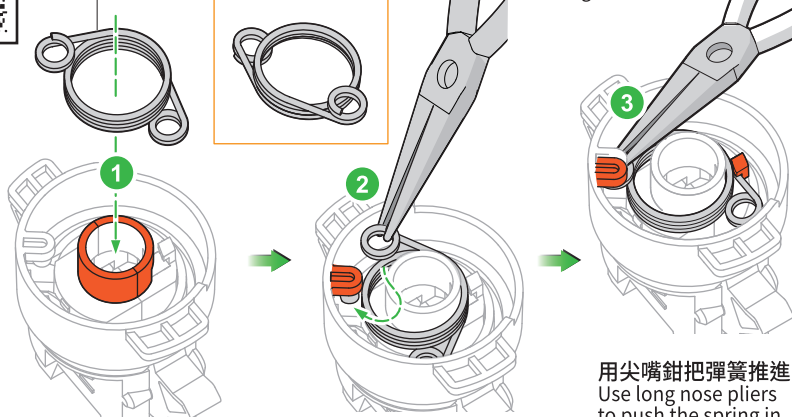
3



P8

錯誤 Incorrect

尖嘴鉗
Long Nose Pliers



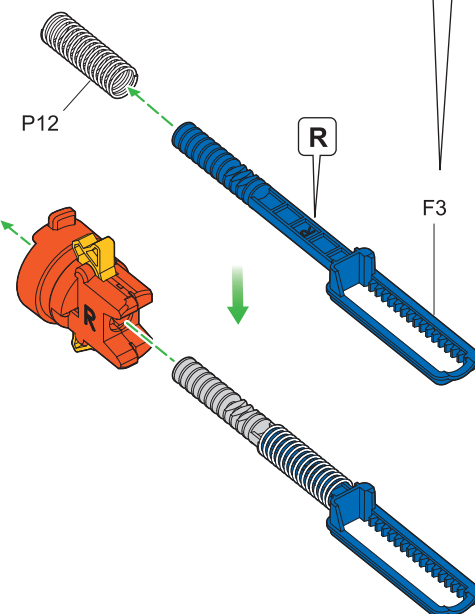
正確 Correct

錯誤 Incorrect

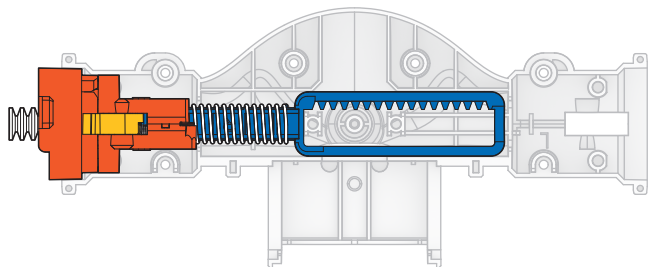
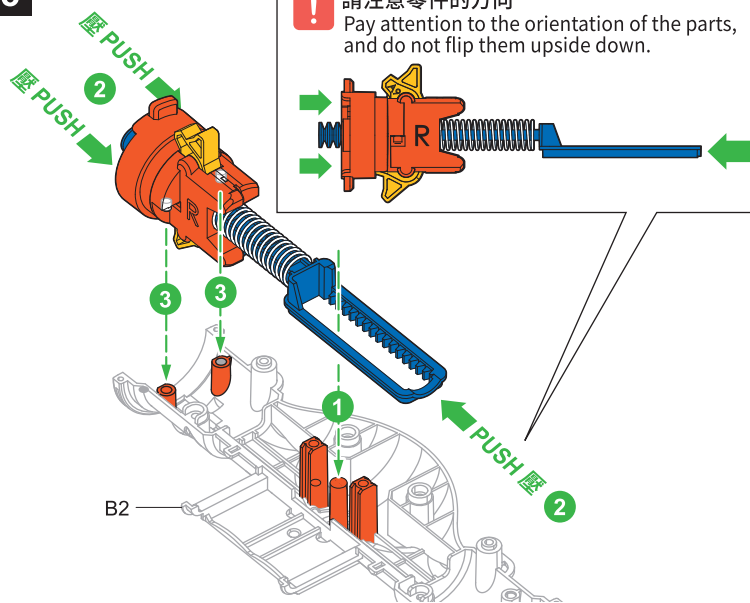
4



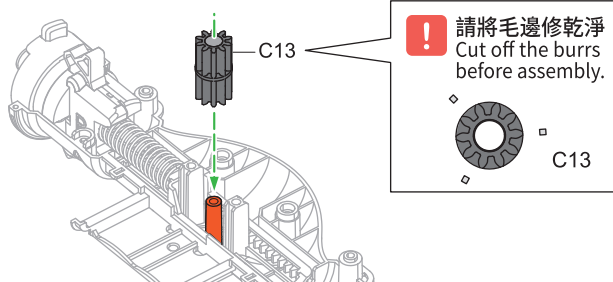
請將毛邊修乾淨
Cut off the burrs before assembly.



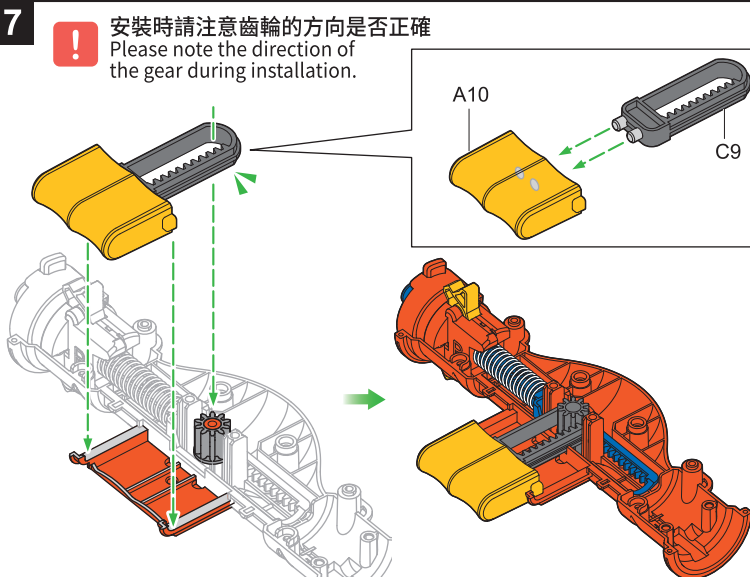
5



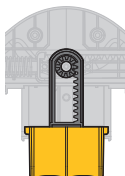
6



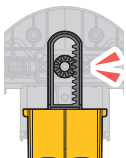
7



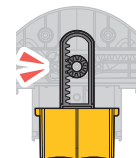
正確
Correct



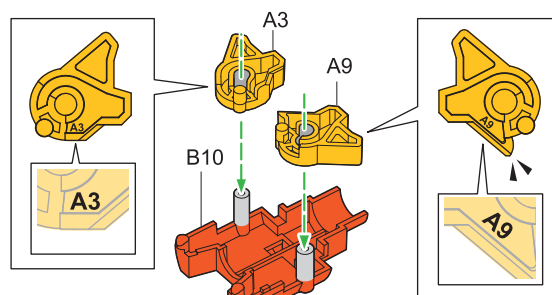
錯誤
Incorrect



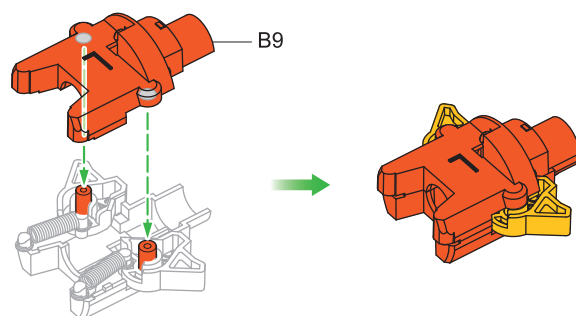
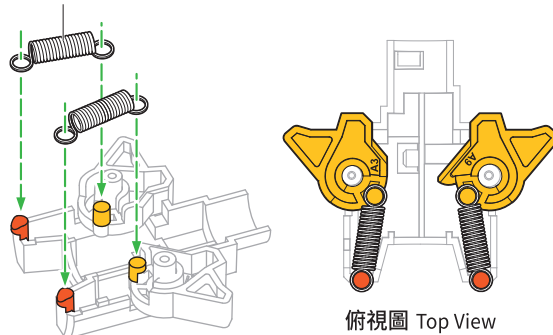
錯誤
Incorrect



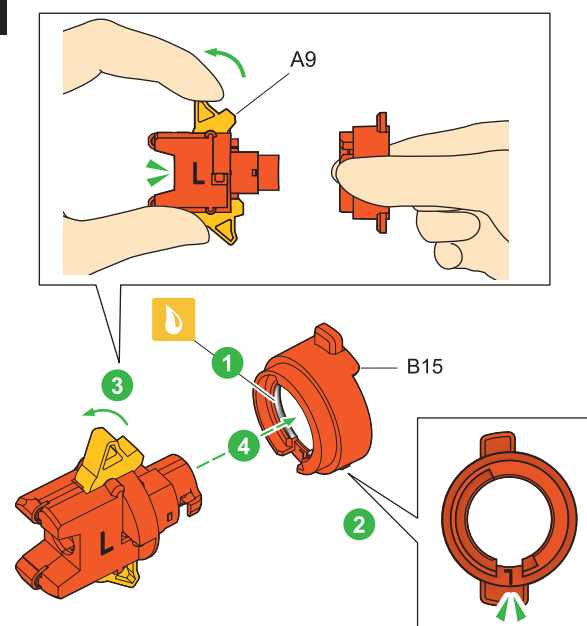
8



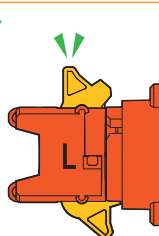
P7 x2



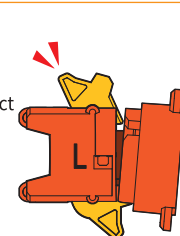
9



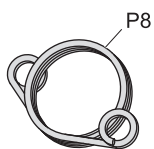
✓
正確
Correct



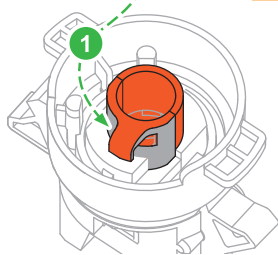
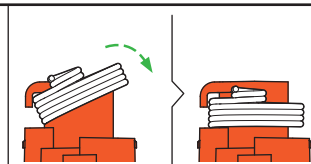
✗
錯誤
Incorrect



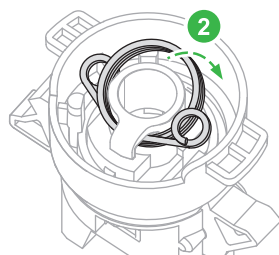
10



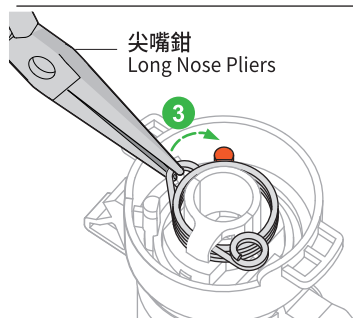
P8



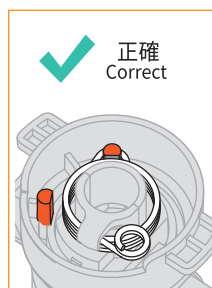
1



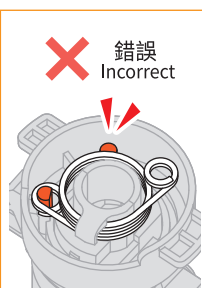
2



3

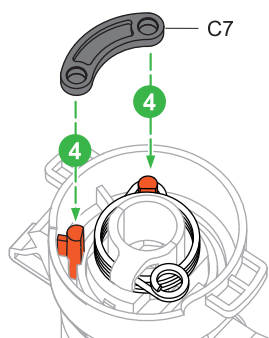


正確
Correct



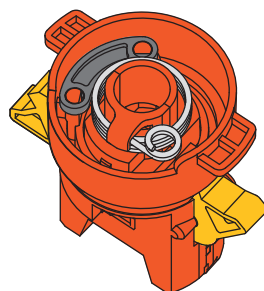
錯誤
Incorrect

請用尖嘴鉗放置彈簧
Use needle-nose pliers to place the spring.

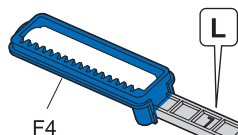


4

4



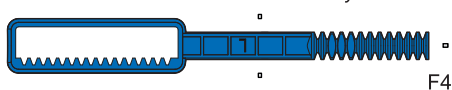
11



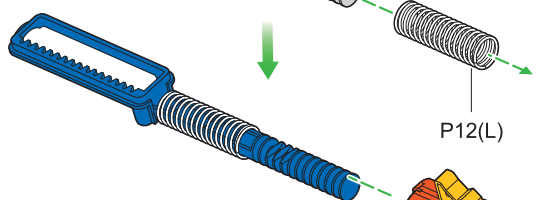
F4

L

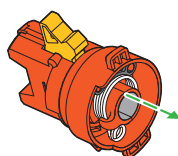
請將毛邊修乾淨
Cut off the burrs before assembly.



F4

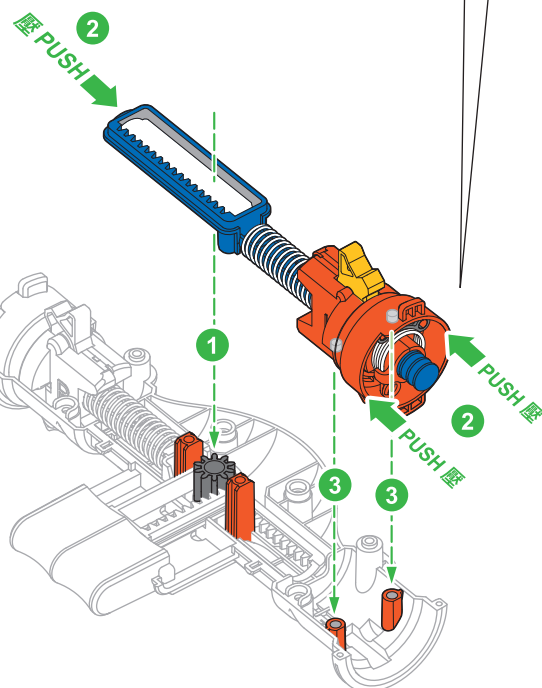
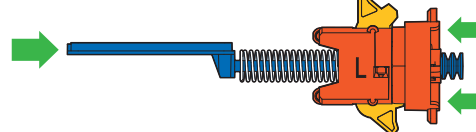


P12(L)



12

請注意零件的方向
Pay attention to the orientation of the parts,
and do not flip them upside down.



2



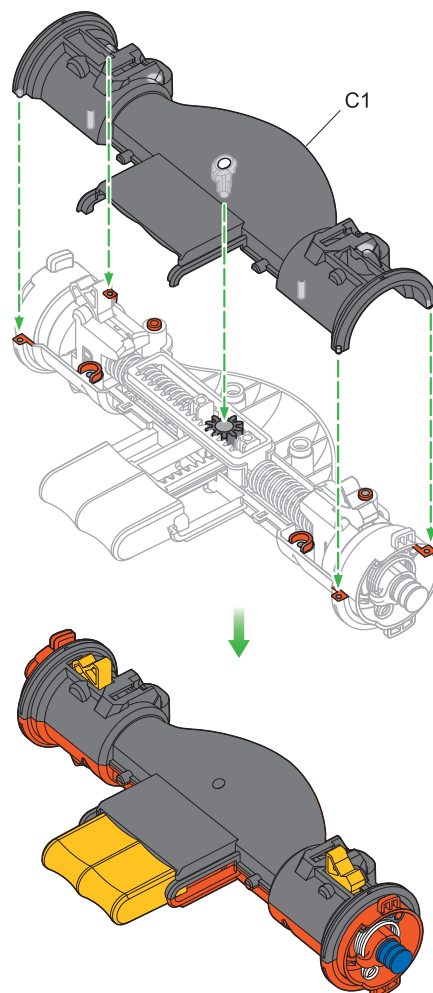
1

2

3

3

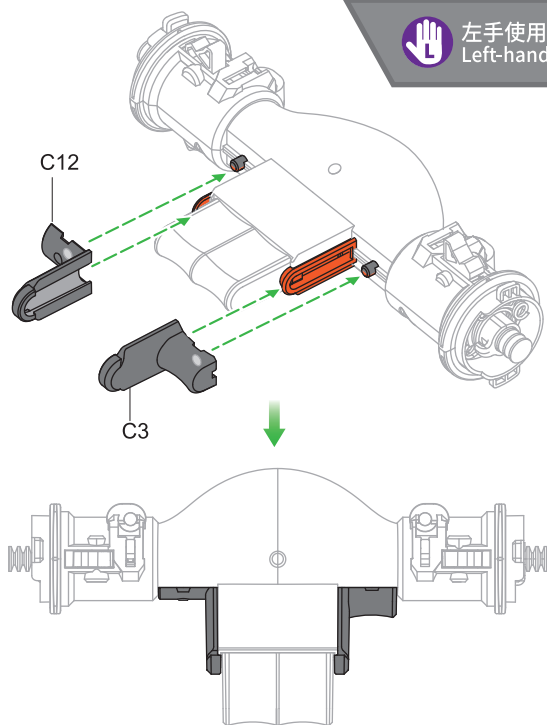
13



14



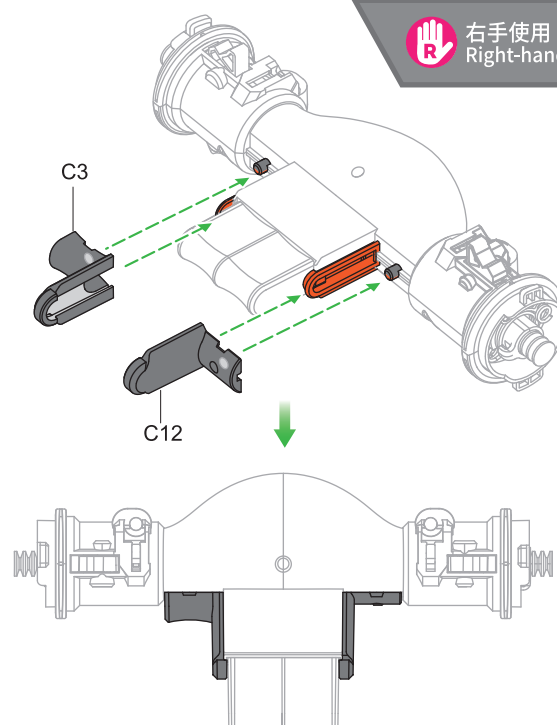
左手使用
Left-handed users



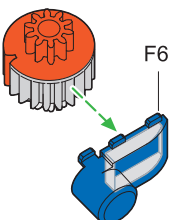
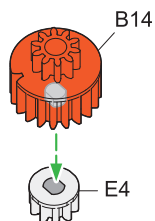
14



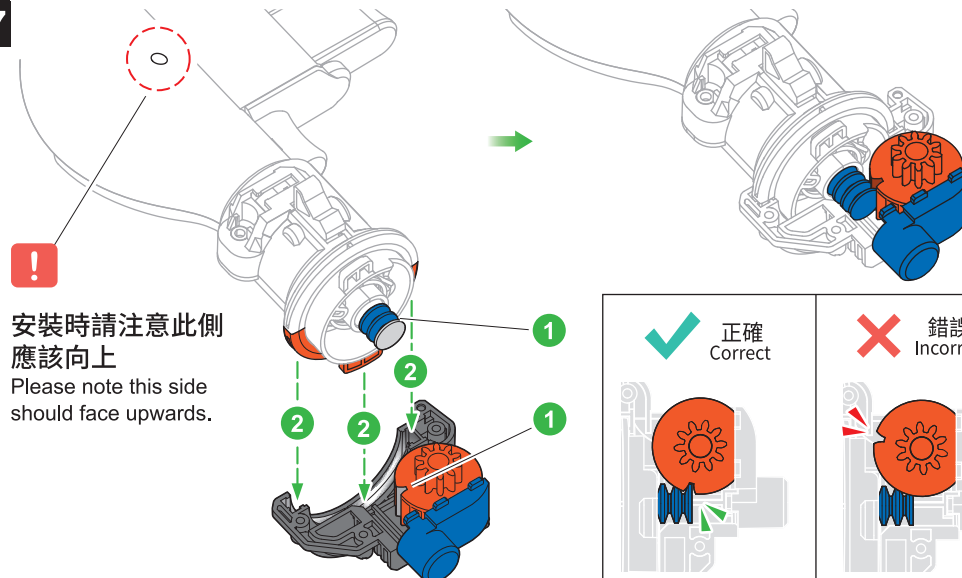
右手使用
Right-handed users



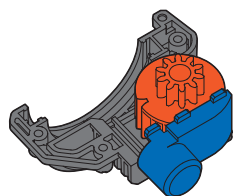
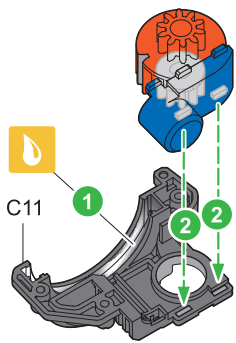
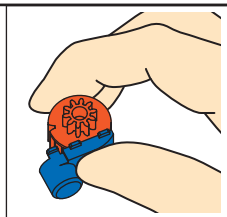
15



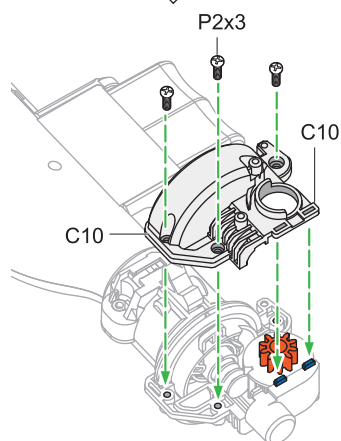
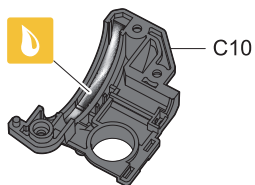
17



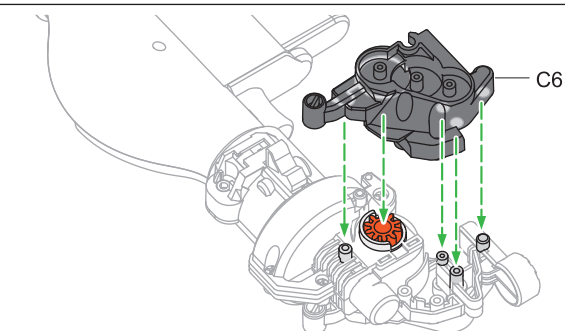
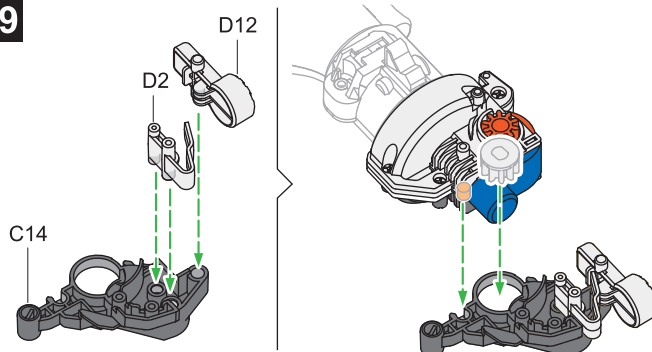
16

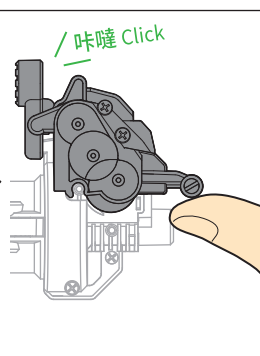
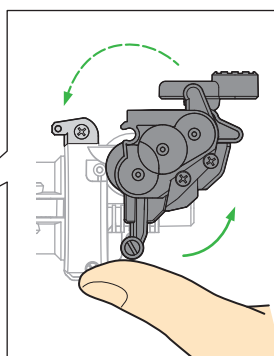
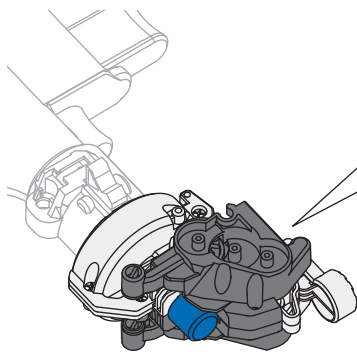


18



19





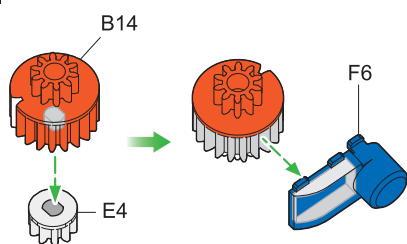
/ 咔噠 Click

／ 咭 Click

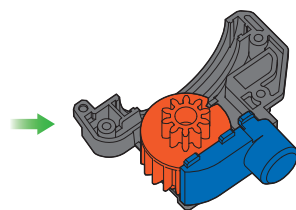
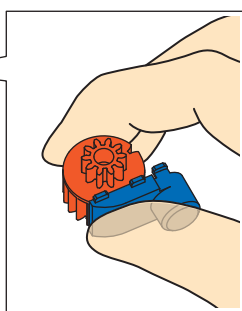
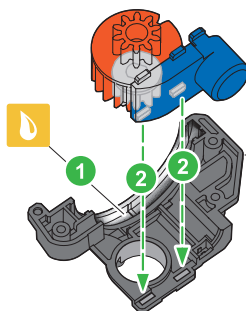
組裝測試影片
Assembly Testing Video



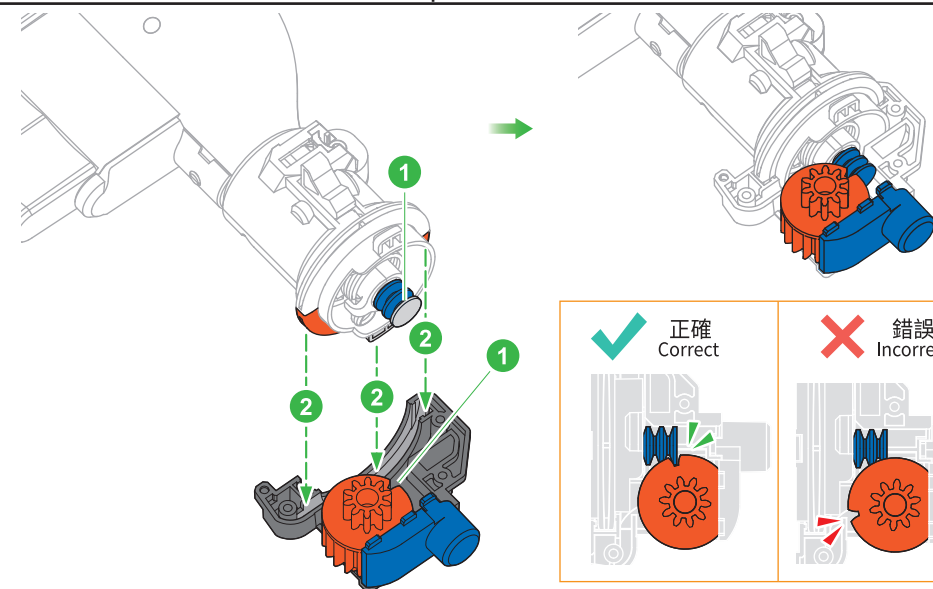
21



22



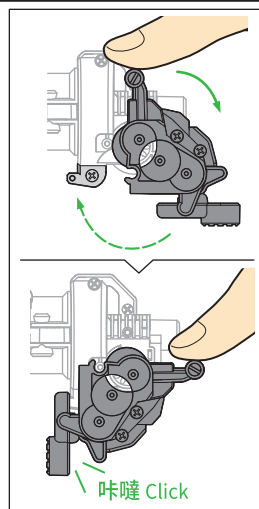
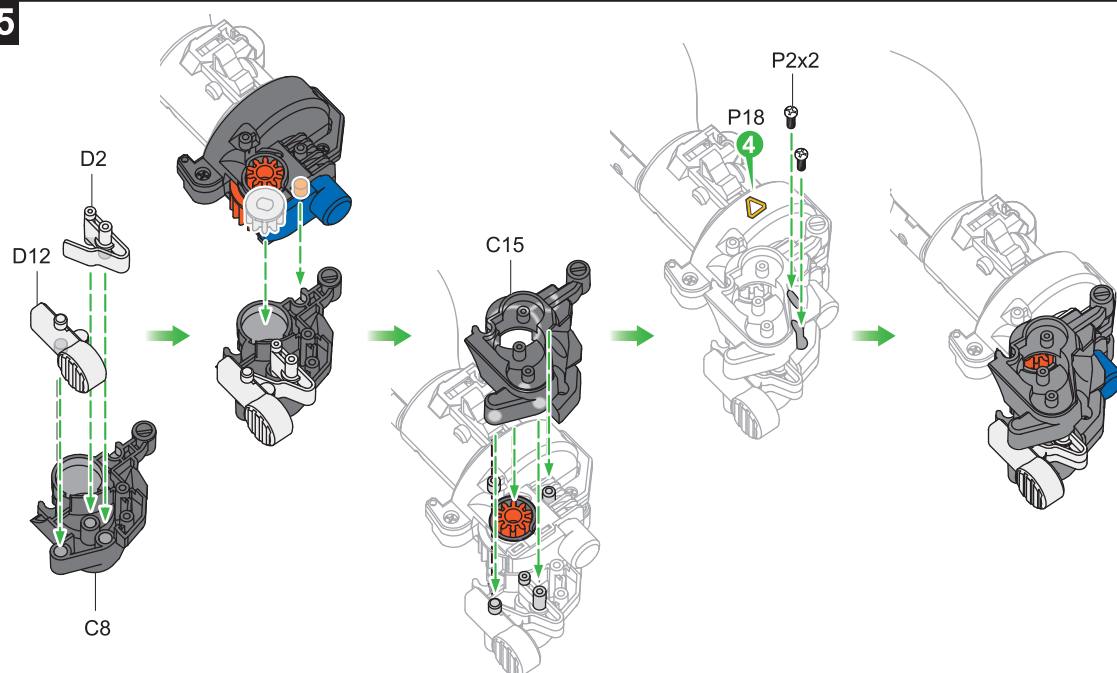
23



 正確
Correct

 錯誤
Incorrect

25



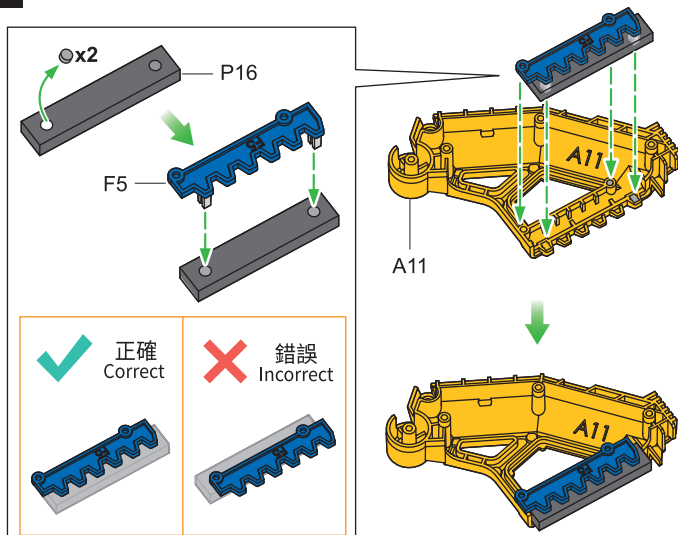
組裝測試影片

組裝測試影片
Assembly Testing Video

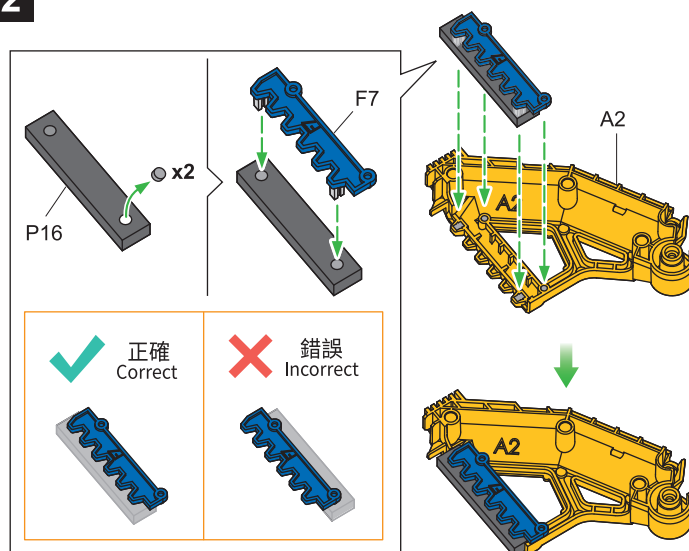


夾具和連桿組裝 Gripper and Rod Assembly

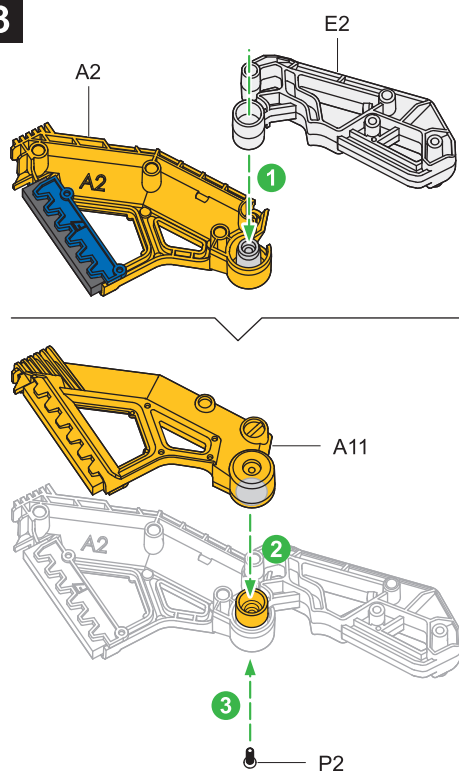
1



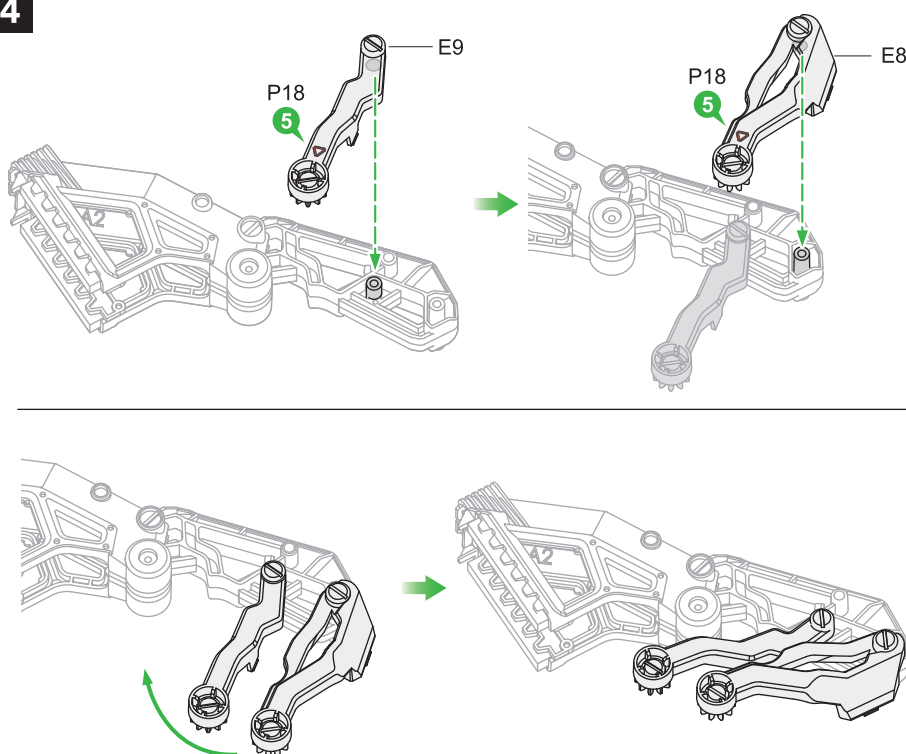
2



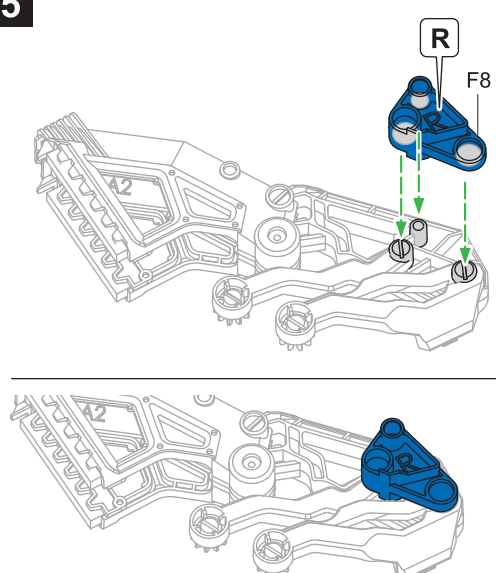
3



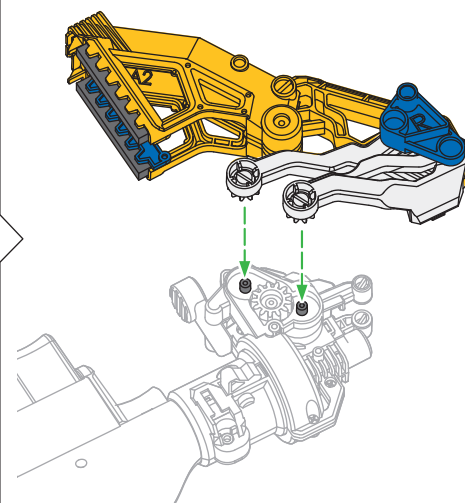
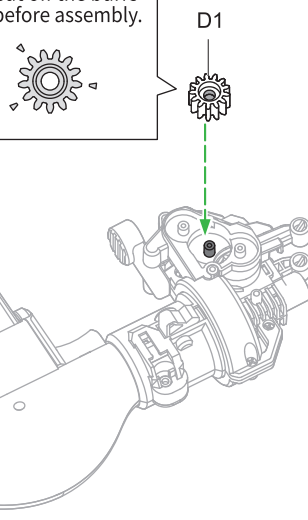
4



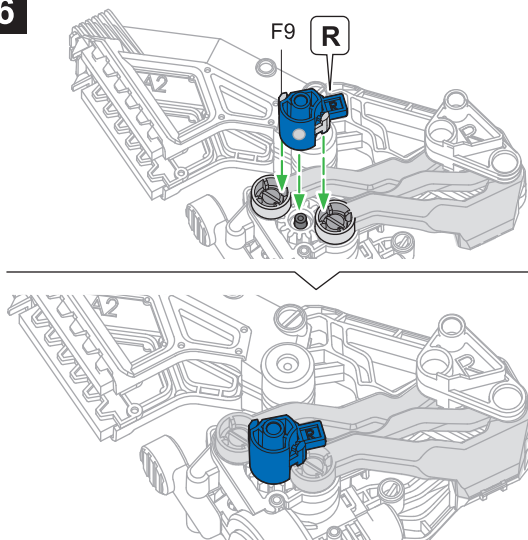
5



! 請將毛邊修乾淨
Cut off the burrs
before assembly.

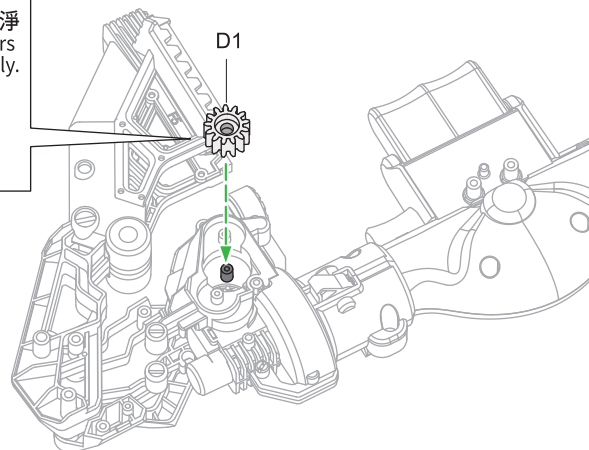


6



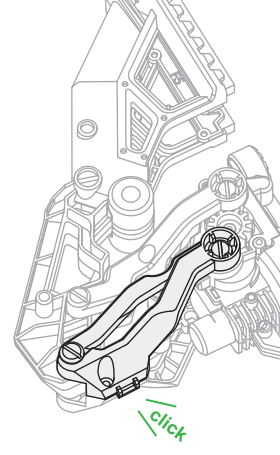
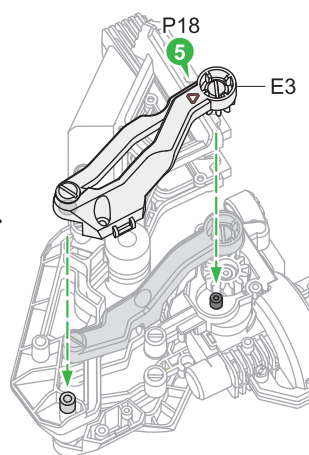
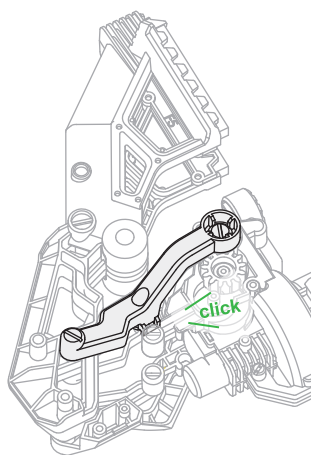
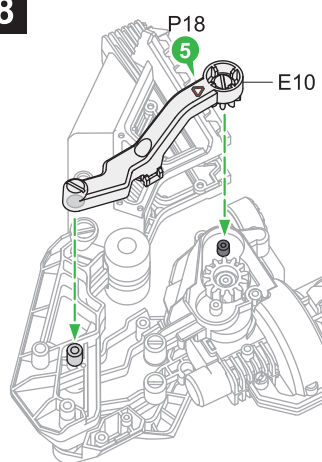
7

! 請將毛邊修乾淨
Cut off the burrs
before assembly.

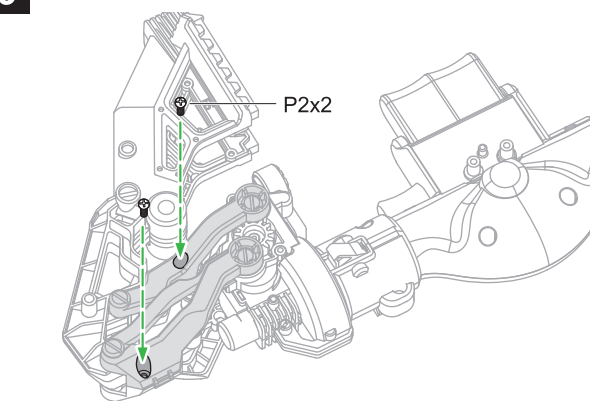


180°

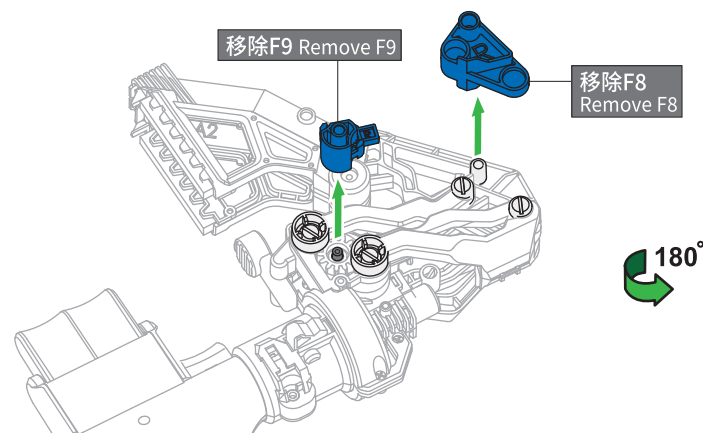
8



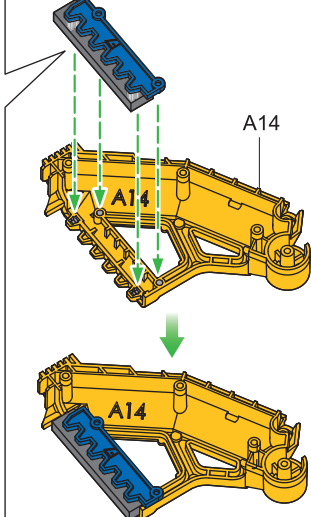
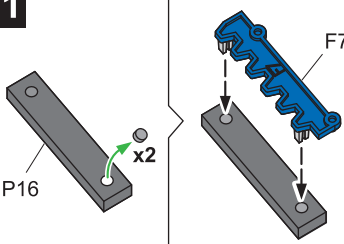
9



10



11

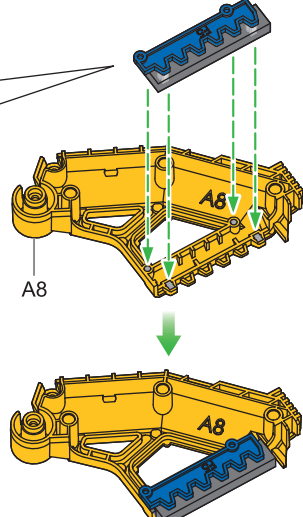
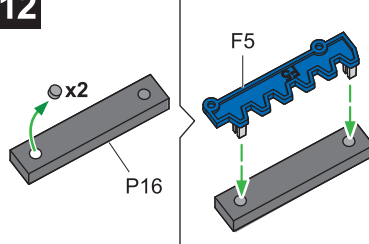


✓ 正確
Correct

✗ 錯誤
Incorrect

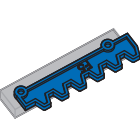
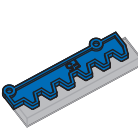


12

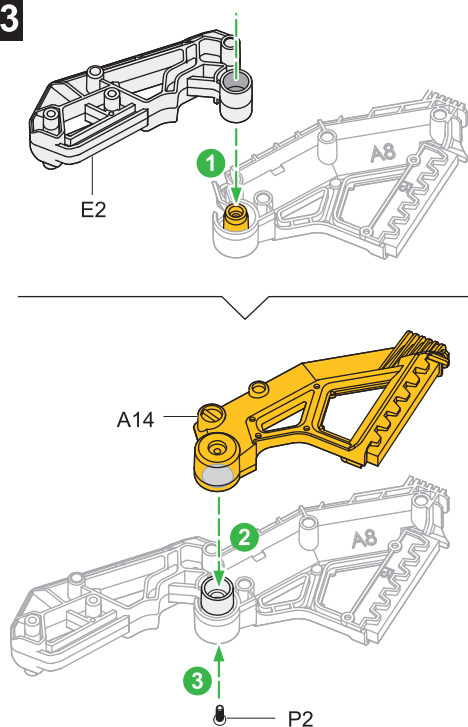


✓ 正確
Correct

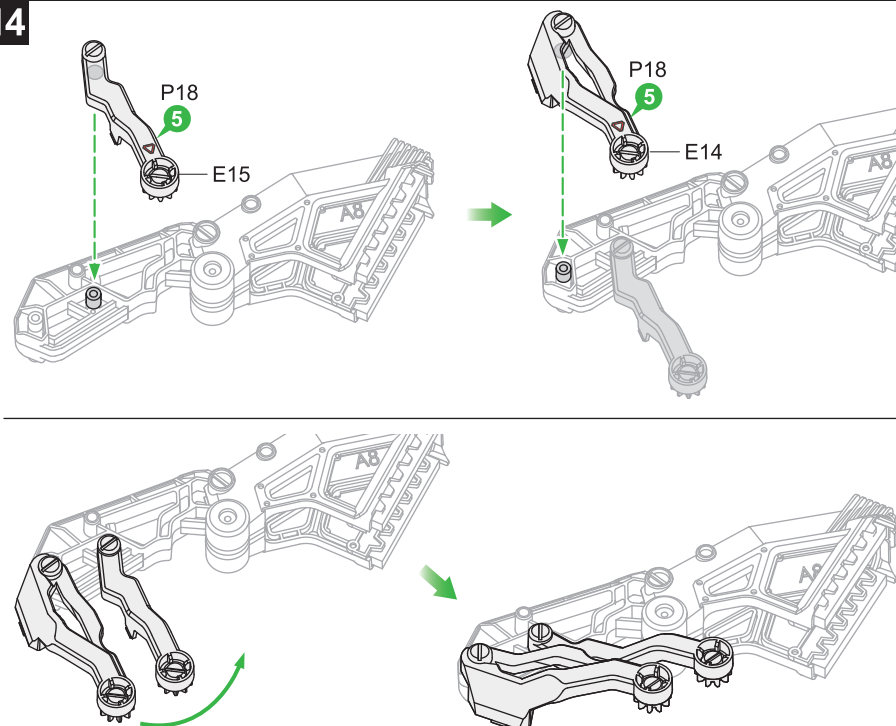
✗ 錯誤
Incorrect



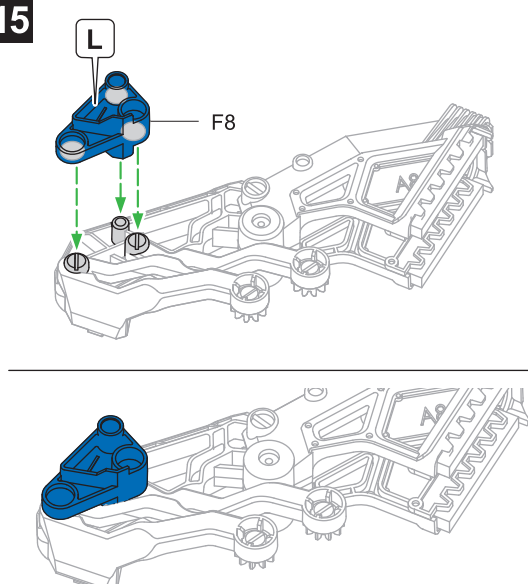
13



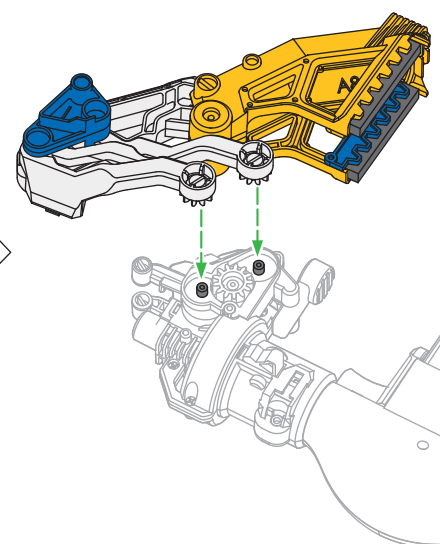
14



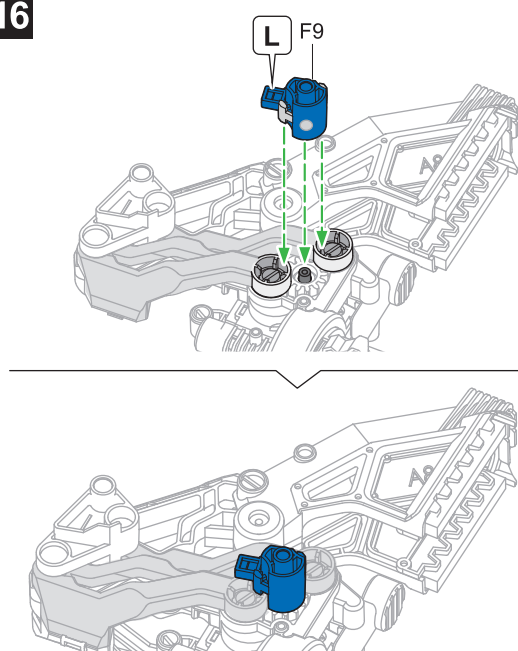
15



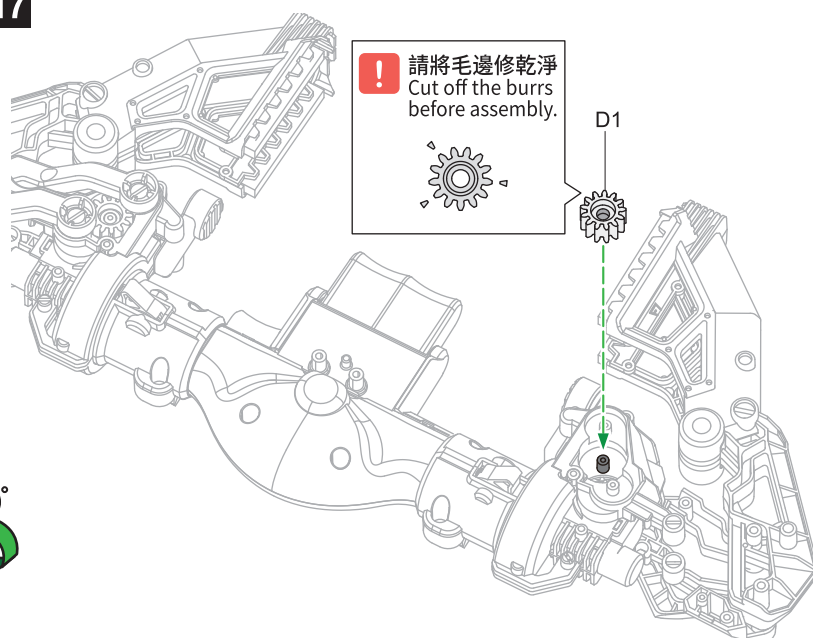
! 請將毛邊修乾淨
Cut off the burrs
before assembly.



16



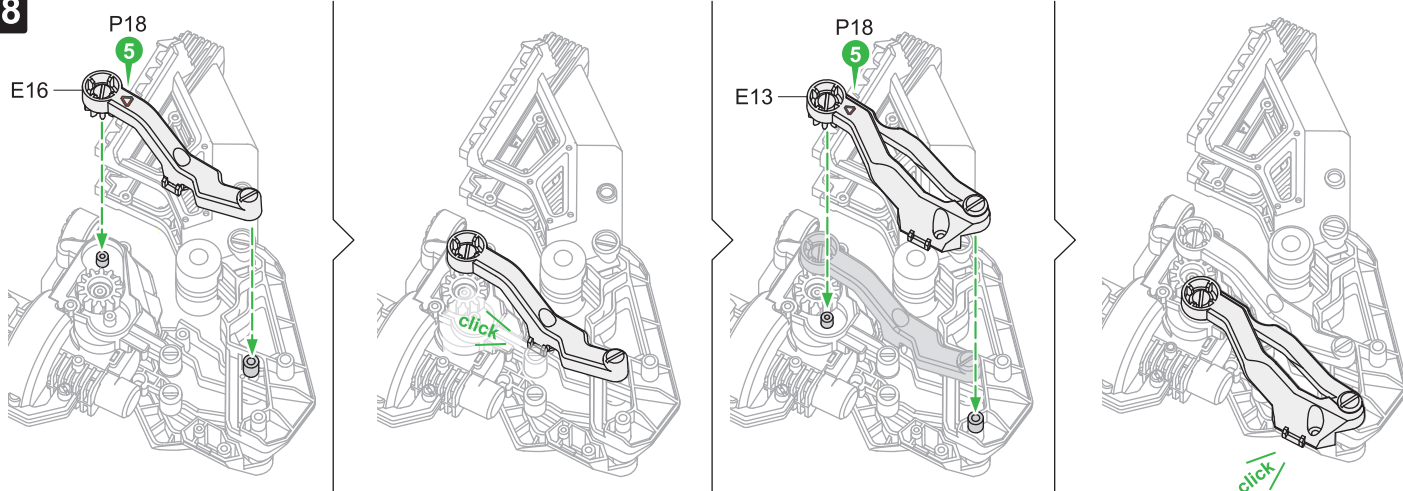
17



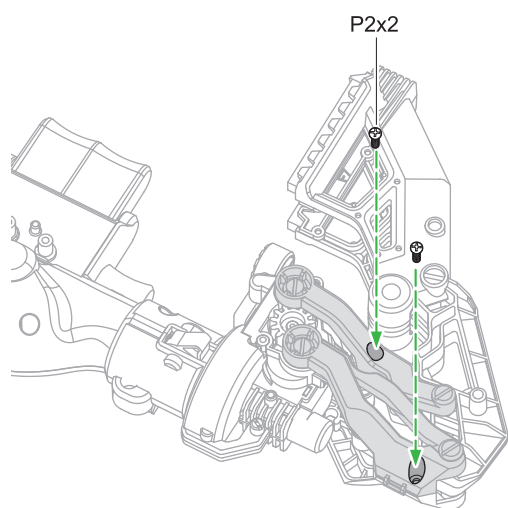
! 請將毛邊修乾淨
Cut off the burrs
before assembly.



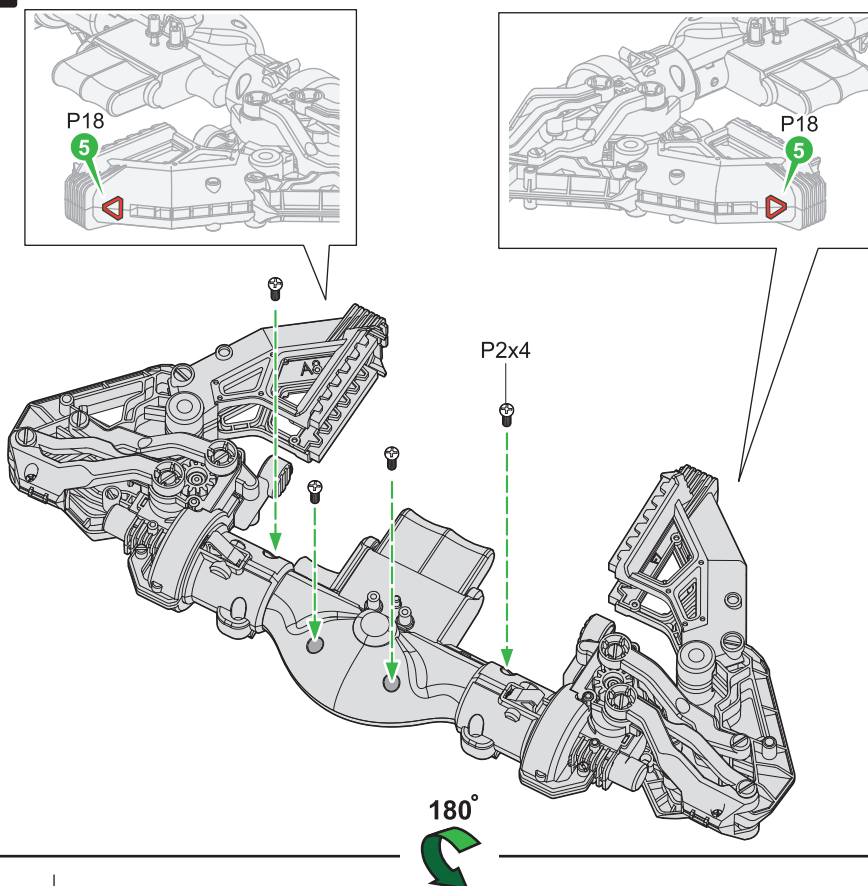
18



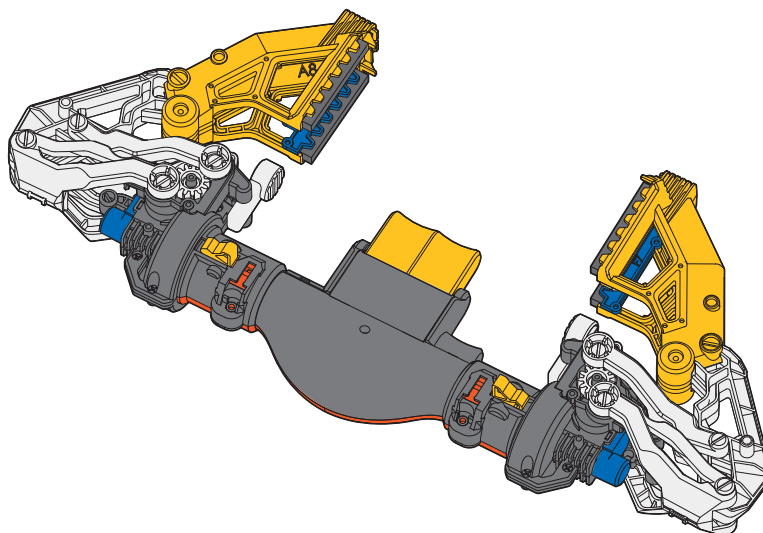
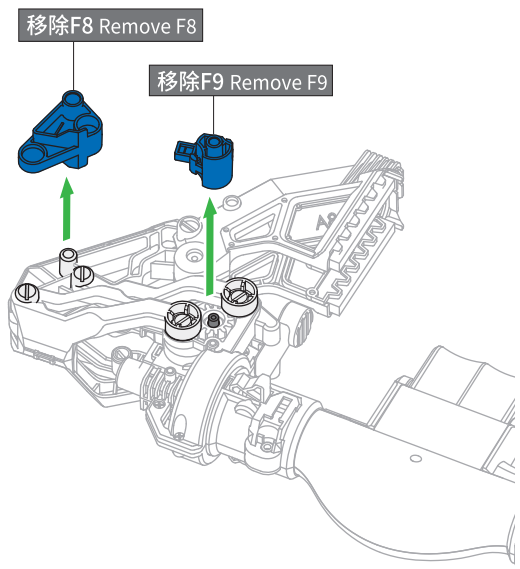
19



20

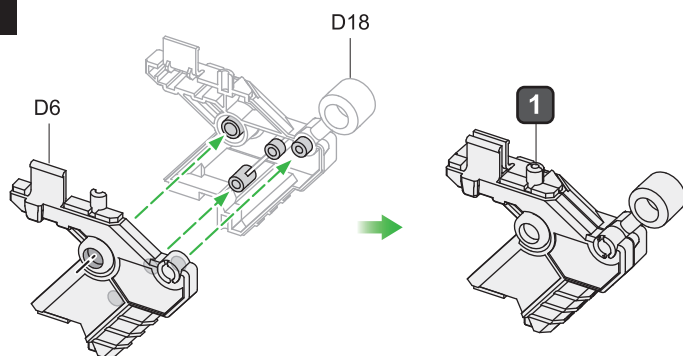


21

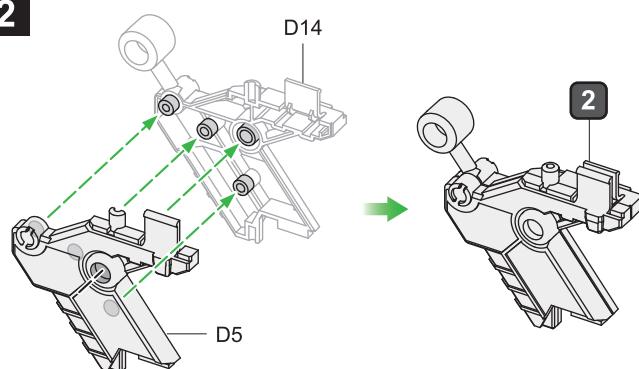


底架和拇指鎖 Base Frame and Thumb Latch

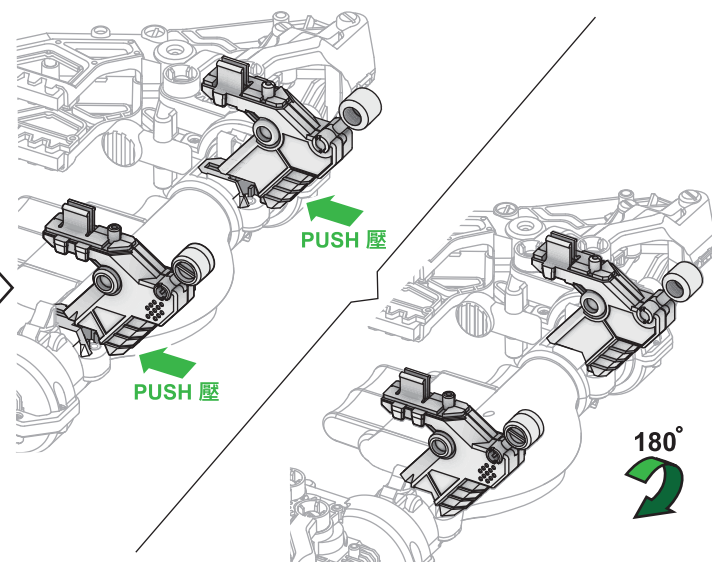
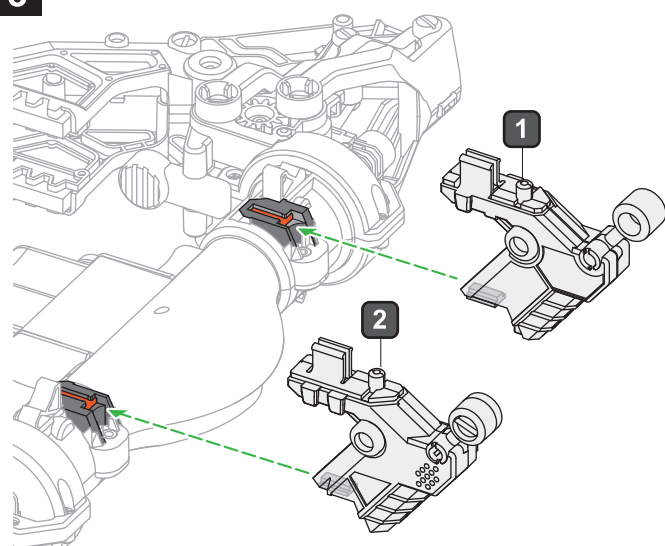
1



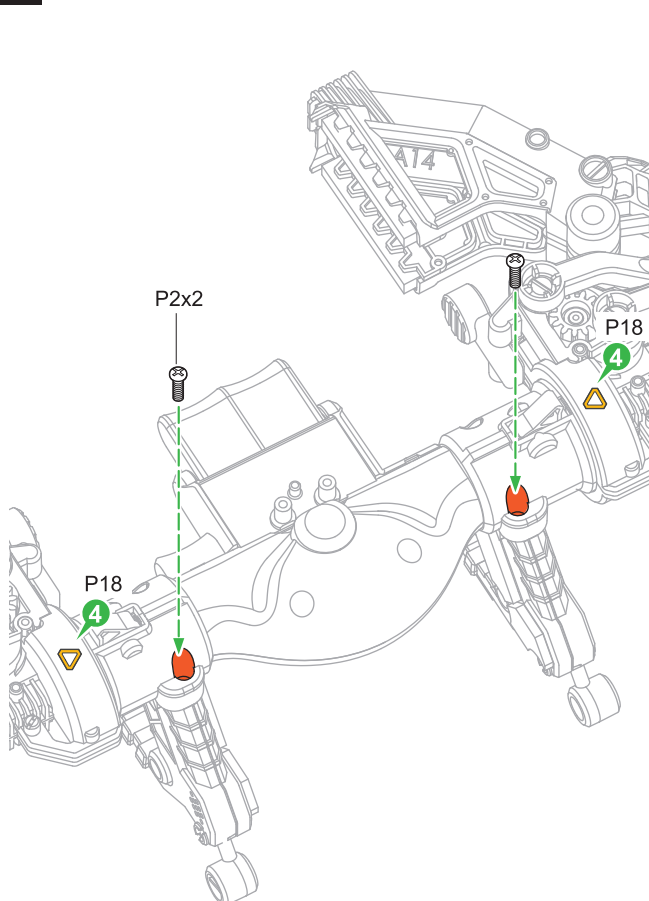
2



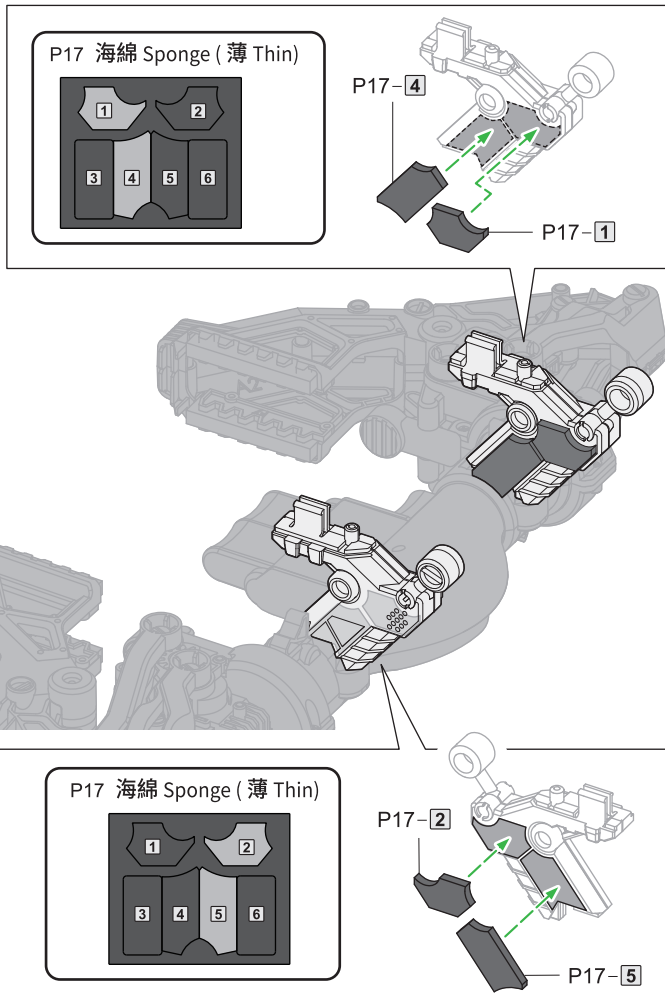
3



4

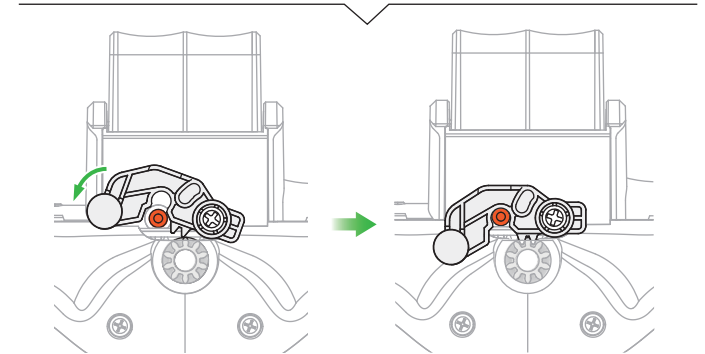
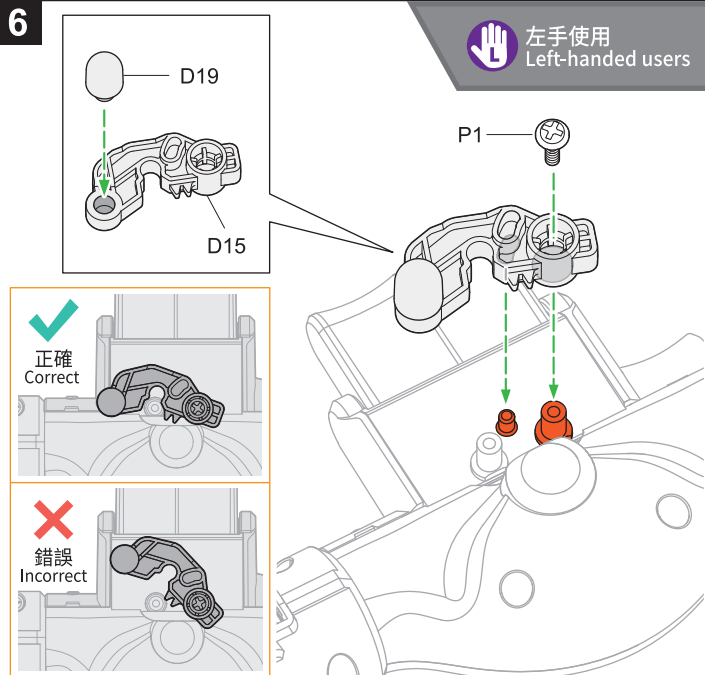


5



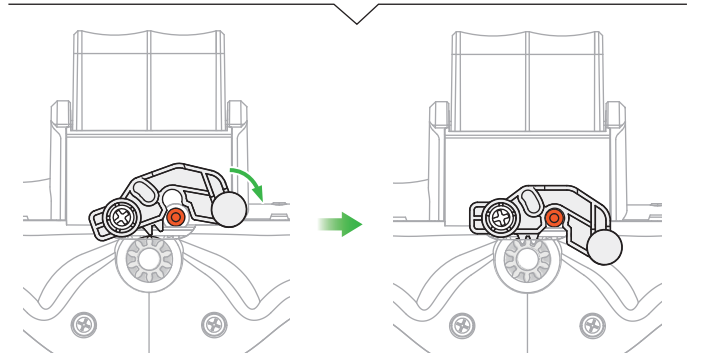
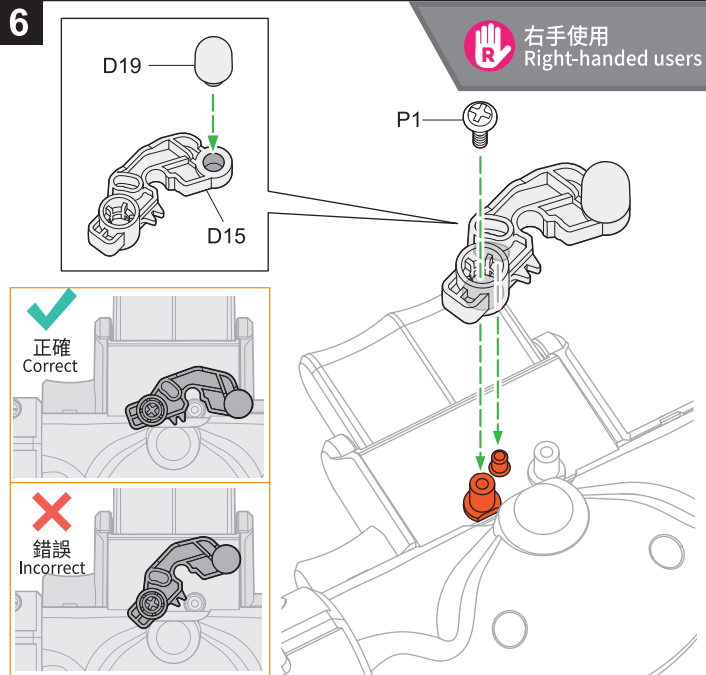
6

左手使用
Left-handed users



6

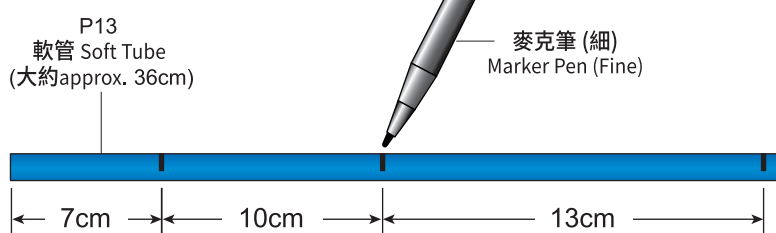
右手使用
Right-handed users



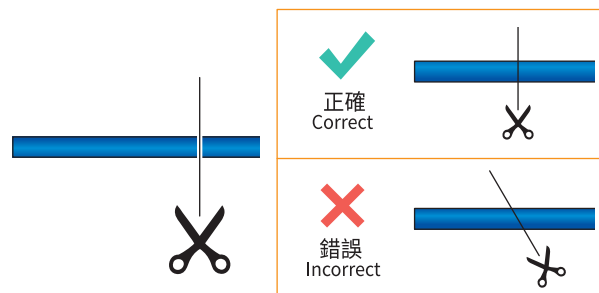
管材切割 Cut the Tubing

1

測量與做記號 Measure and mark before cutting

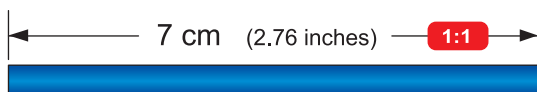


2

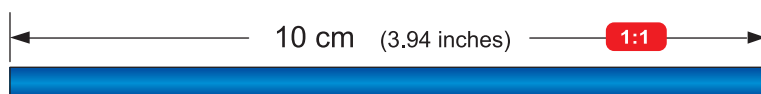


3

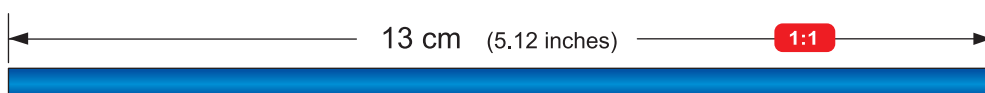
裁切軟管 Cut Tube



軟管Tube
7 cm



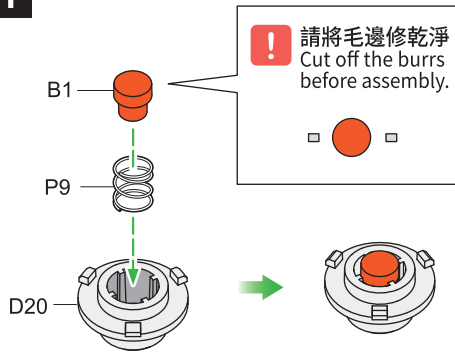
軟管Tube
10 cm



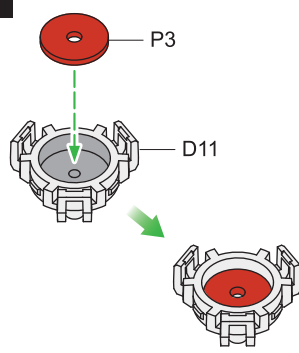
軟管Tube
13 cm

噴嘴組裝 Nozzle Module

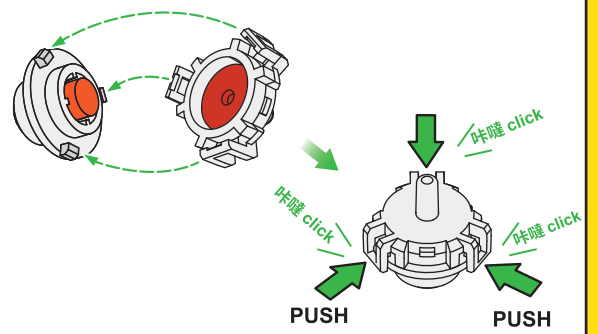
1



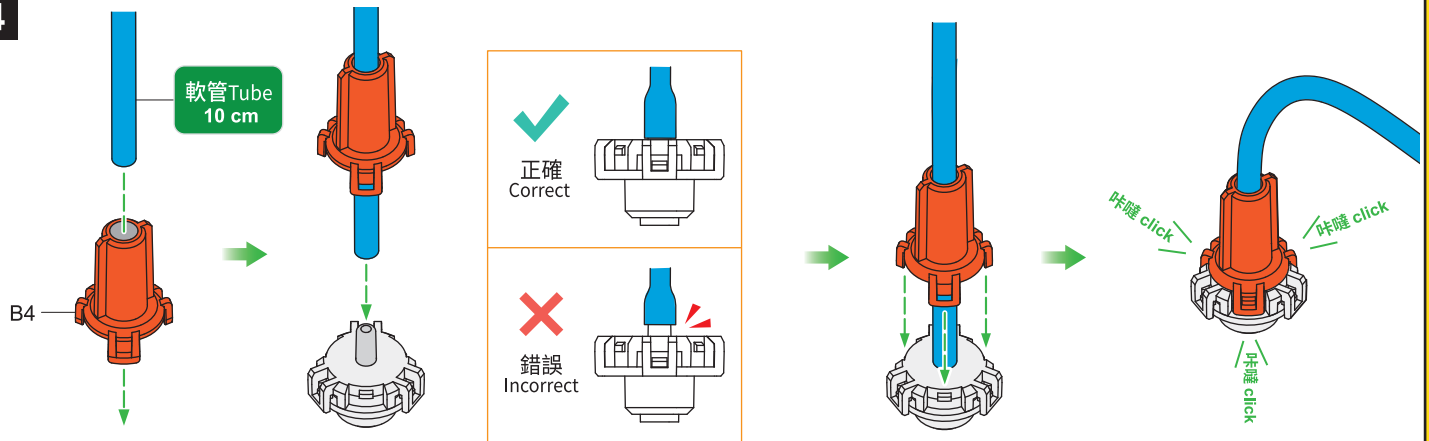
2



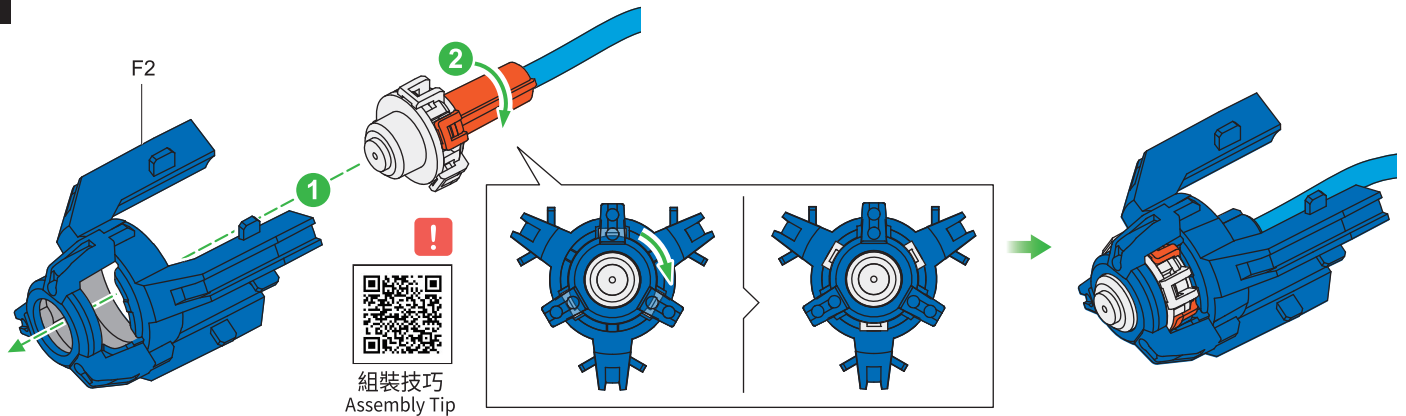
3



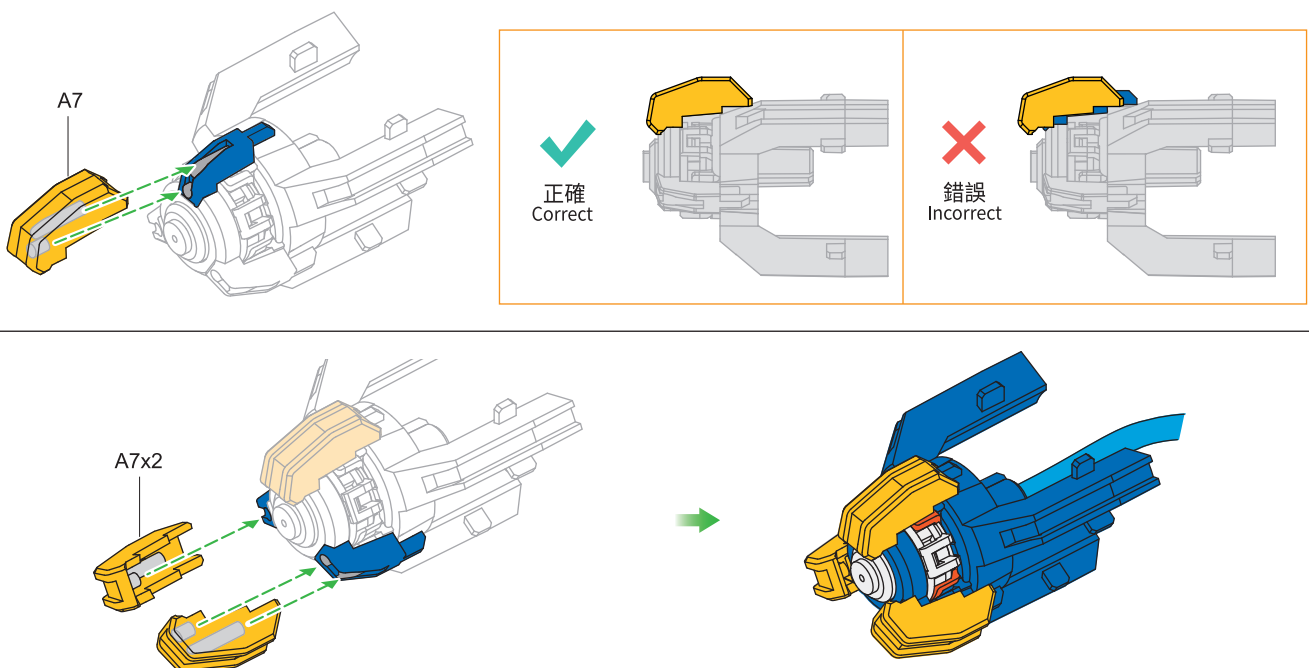
4



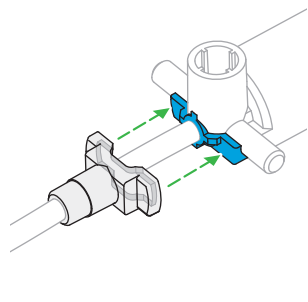
5



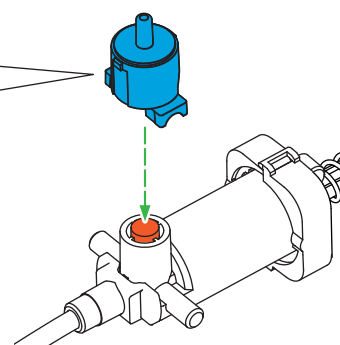
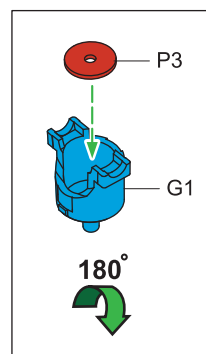
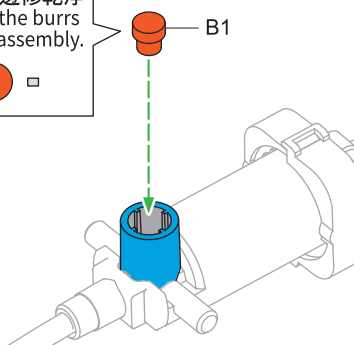
6



6

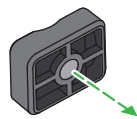


! 請將毛邊修乾淨
Cut off the burrs
before assembly.

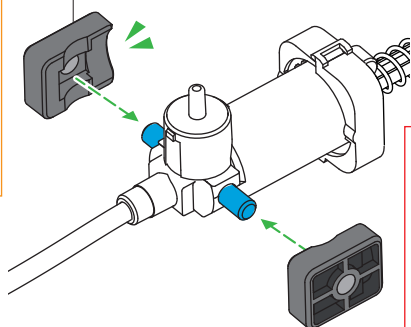


7

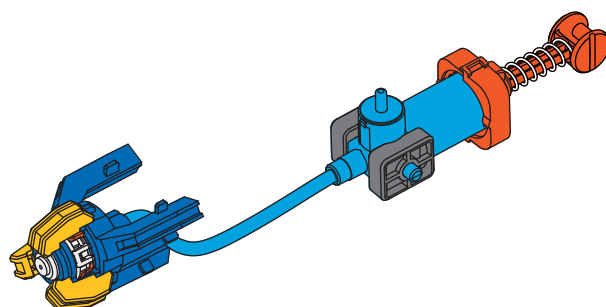
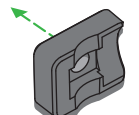
✗ 錯誤
Incorrect



C5x2

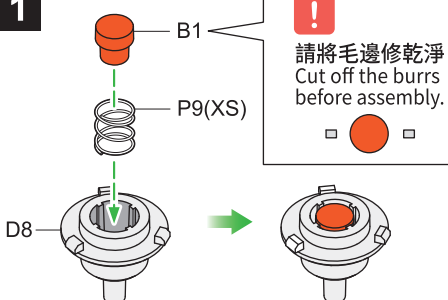


✗ 錯誤
Incorrect



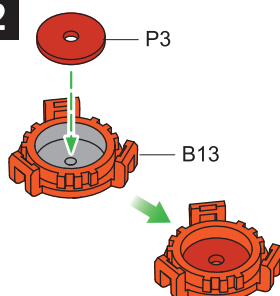
單向閥組裝 One-way Valve Assembly

1

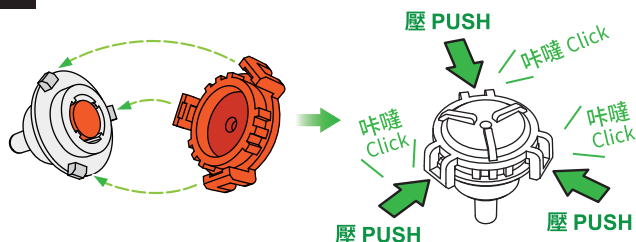


! 請將毛邊修乾淨
Cut off the burrs
before assembly.

2



3

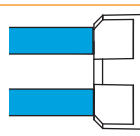


水箱支架 Water Tank Holder

1

軟管Tube
13 cm軟管Tube
7 cm

✓ 正確
Correct



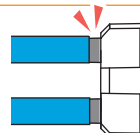
✓ 正確
Correct



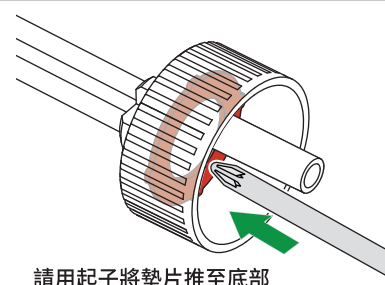
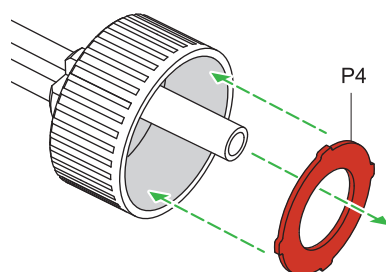
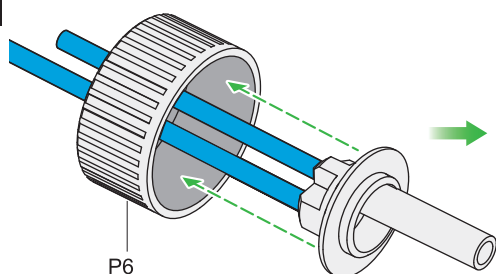
✗ 錯誤
Incorrect



✗ 錯誤
Incorrect



2

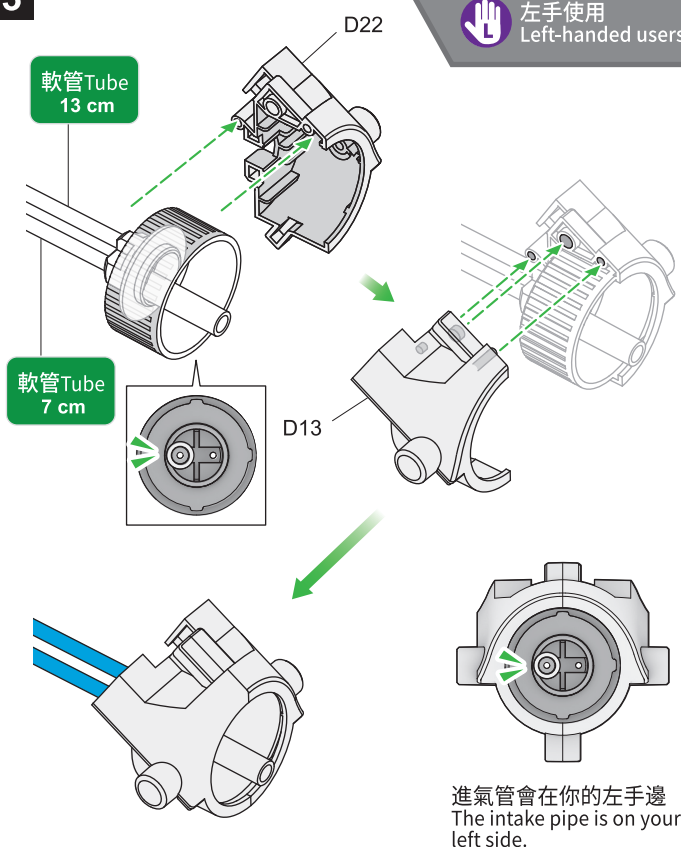


請用起子將墊片推至底部
Use a screwdriver to push
the washer down to the bottom.

3



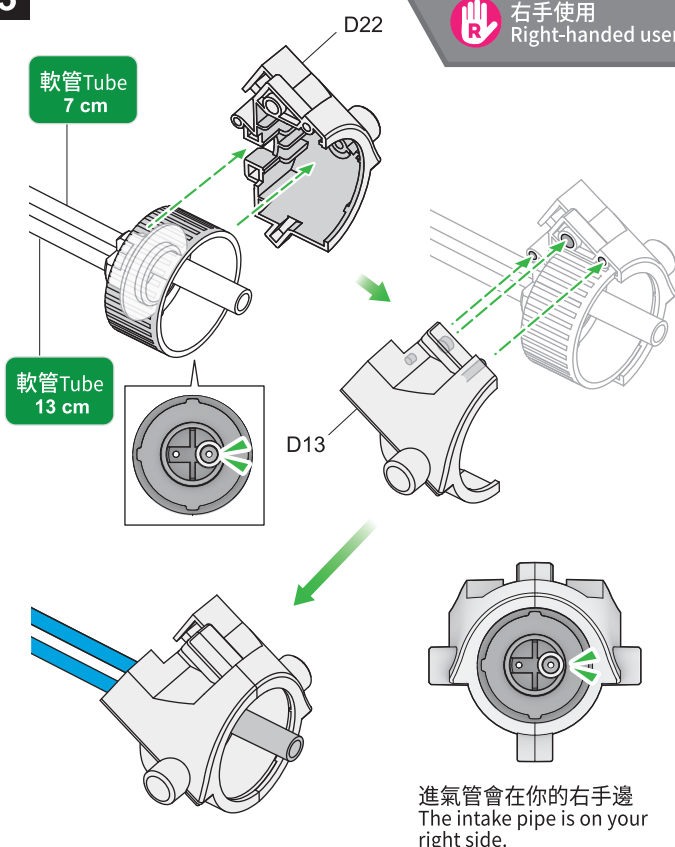
左手使用
Left-handed users



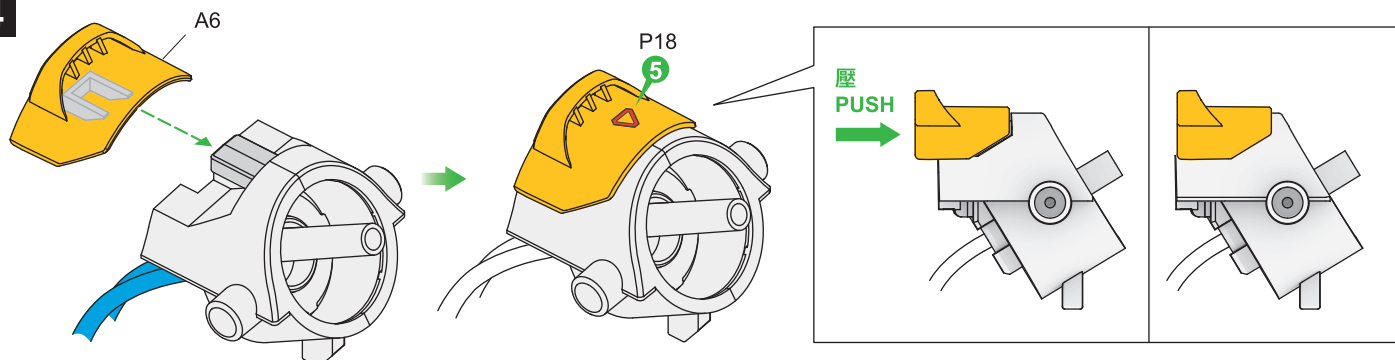
3



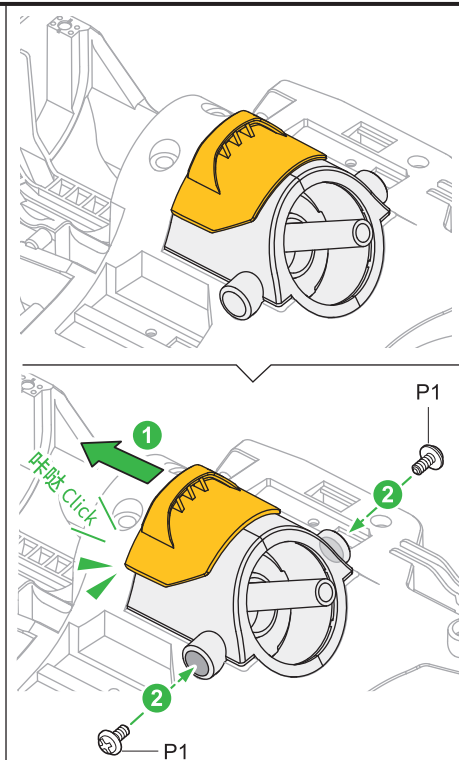
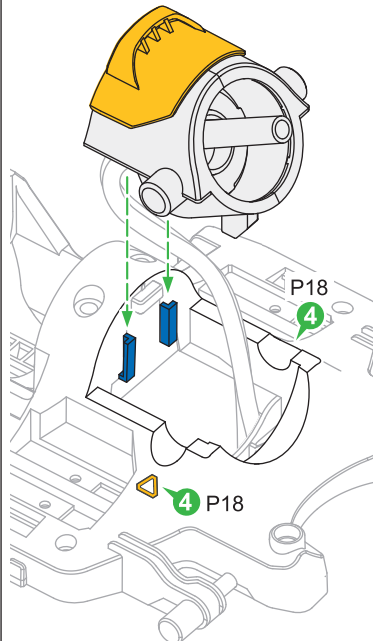
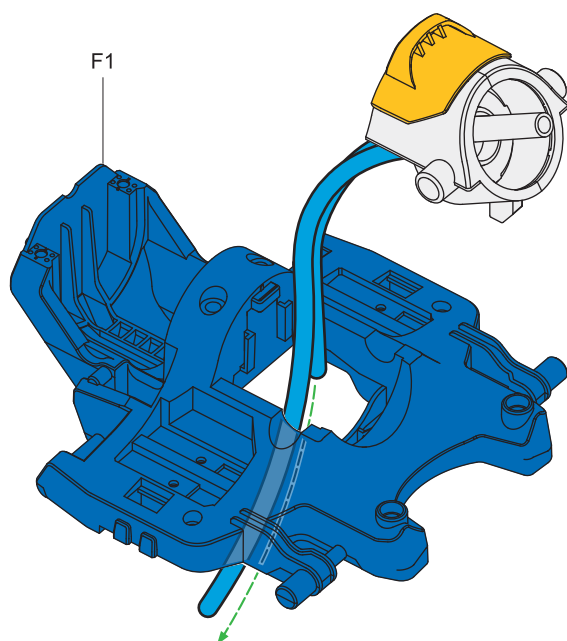
右手使用
Right-handed users



4



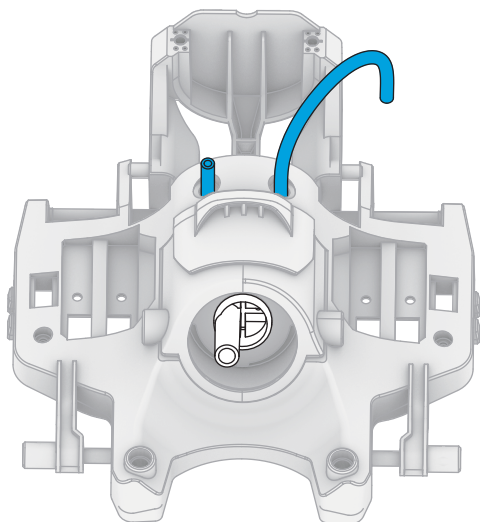
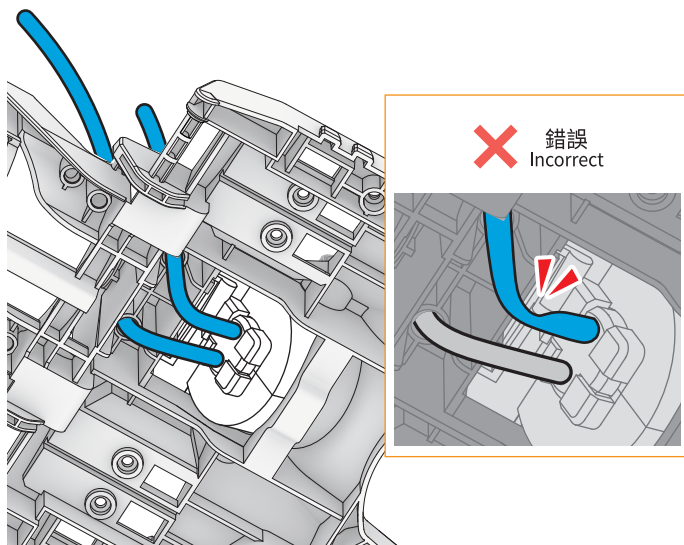
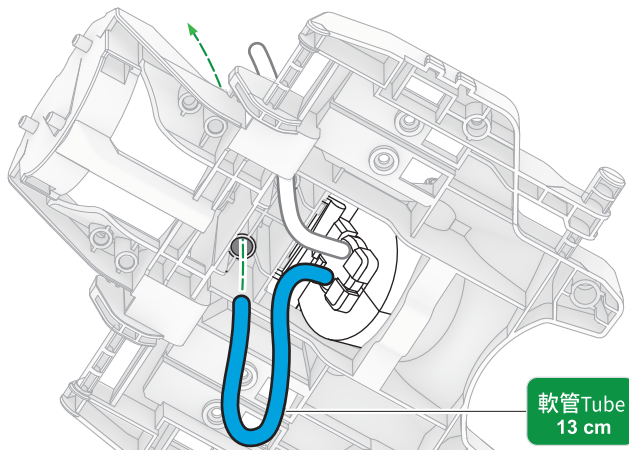
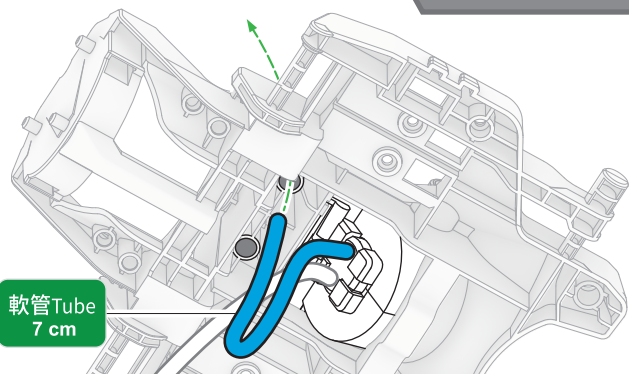
5



6



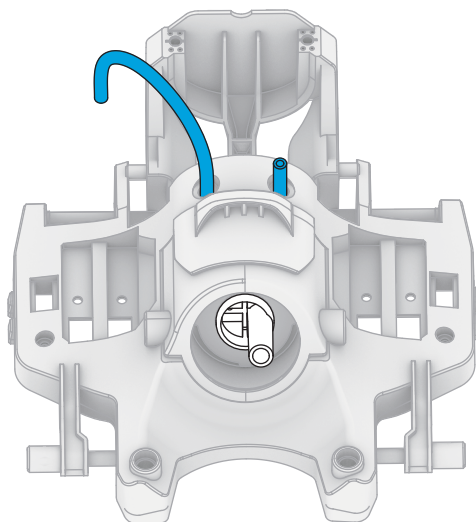
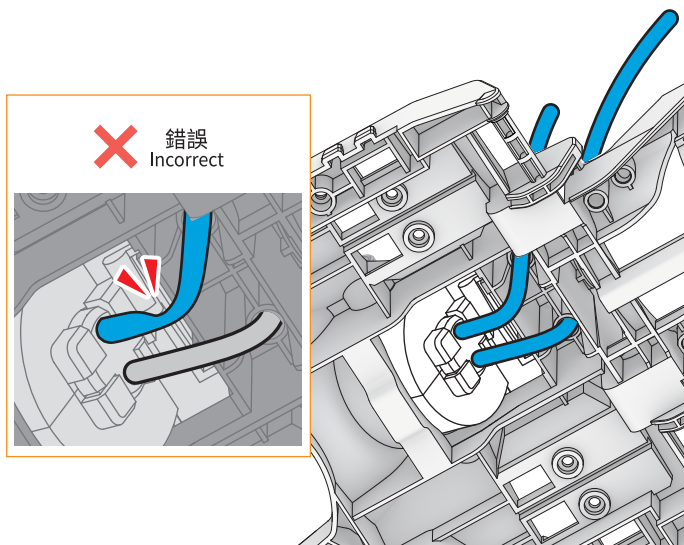
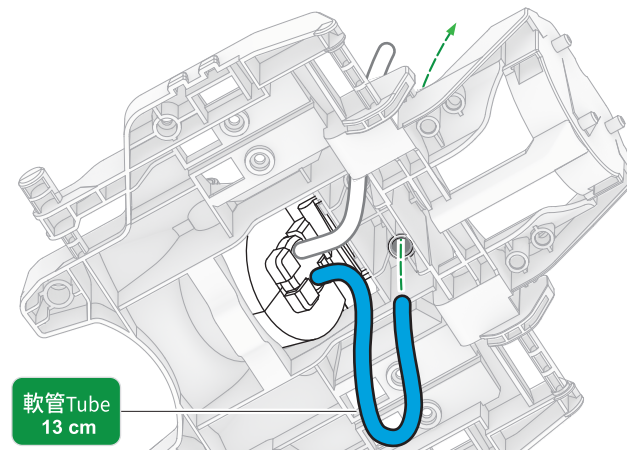
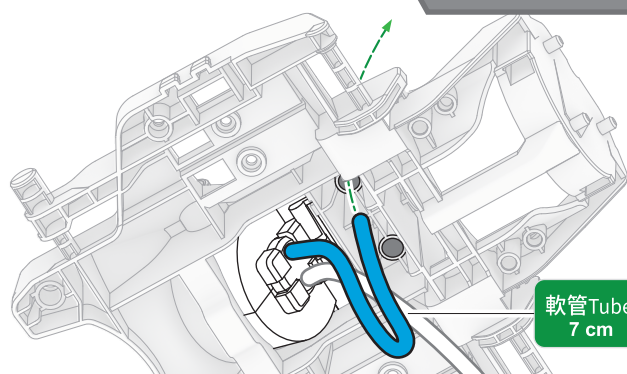
左手使用
Left-handed users



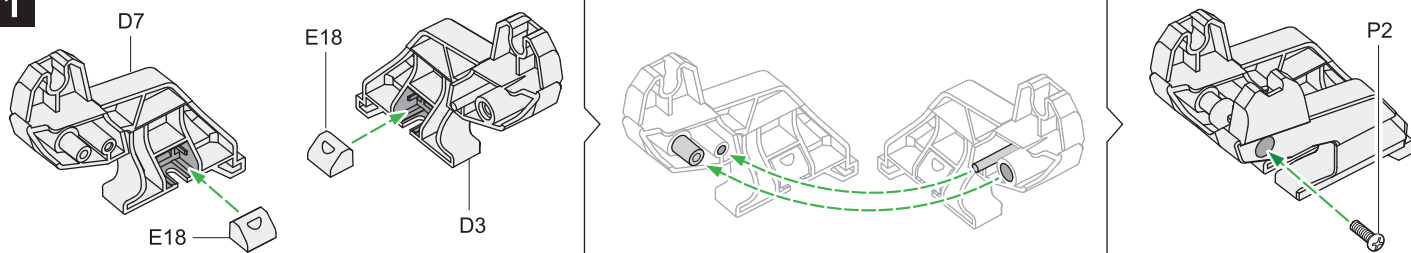
6



右手使用
Right-handed users



1



2

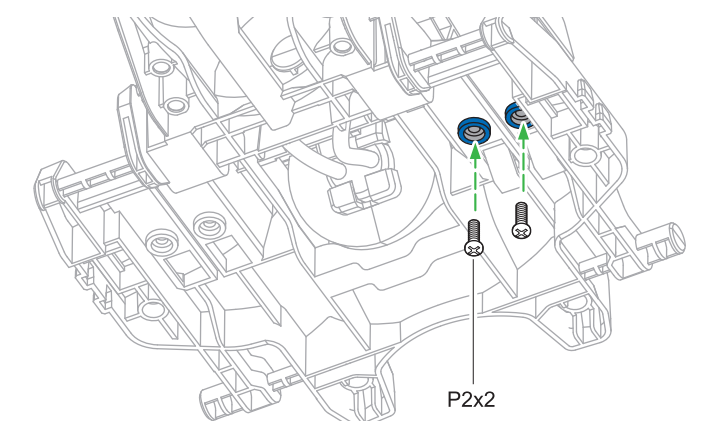
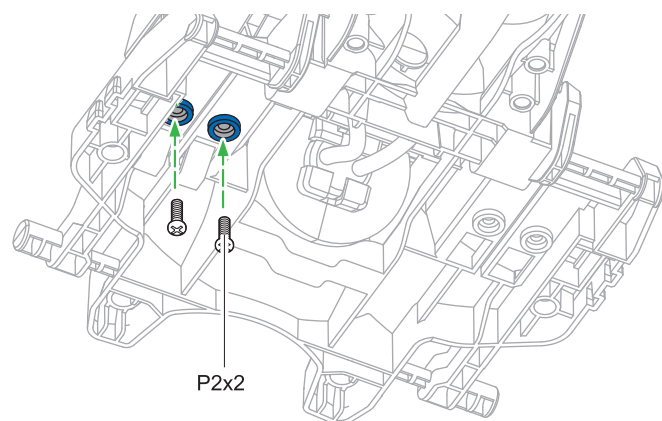
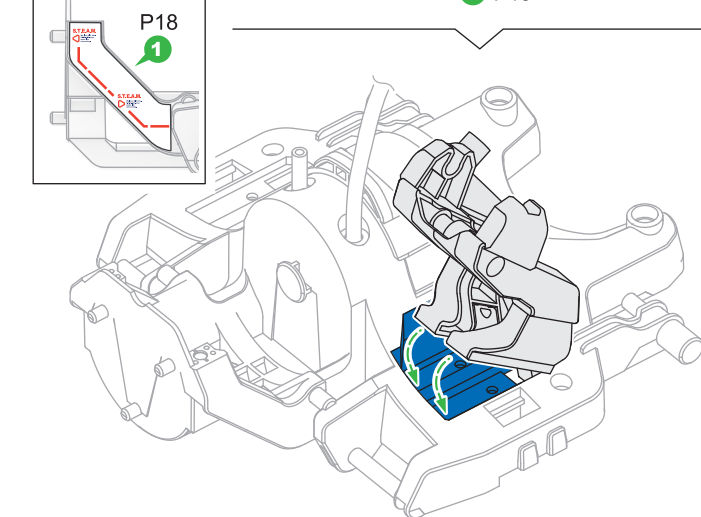
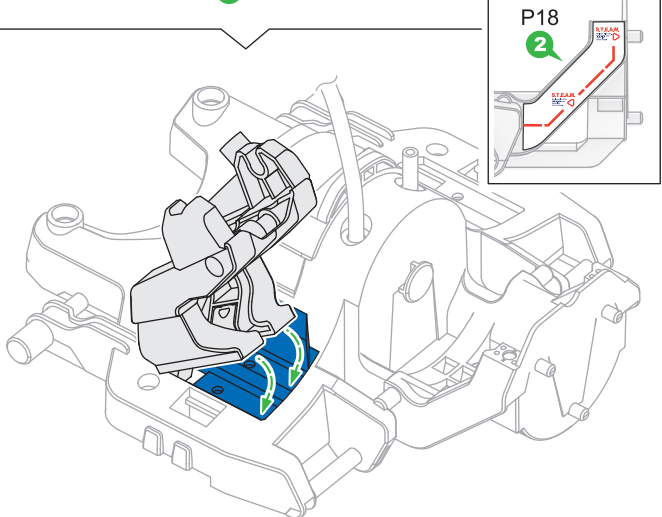
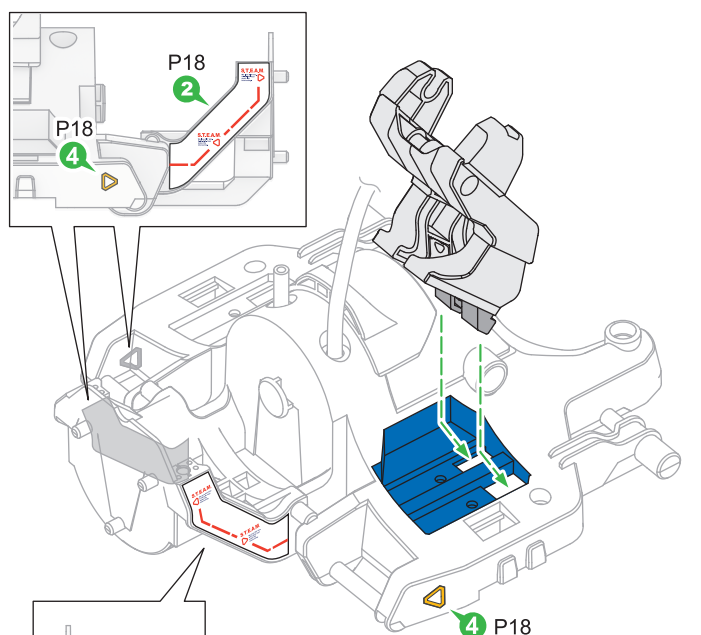
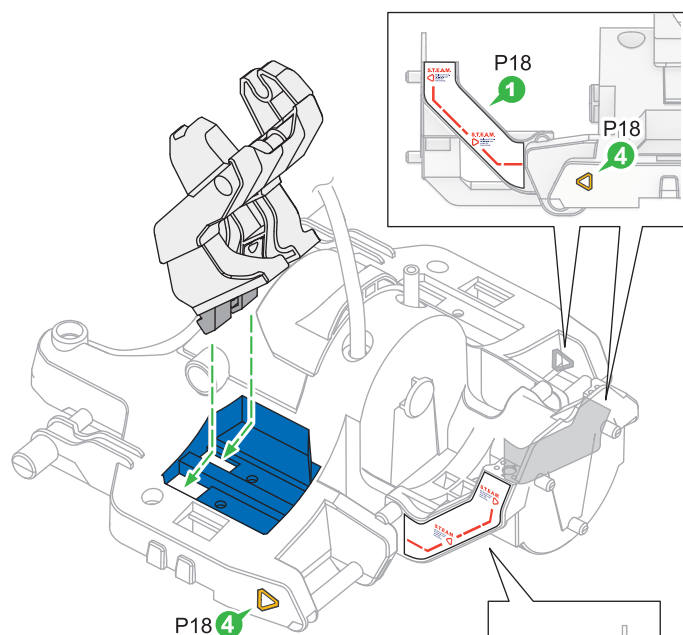


左手使用
Left-handed users

2



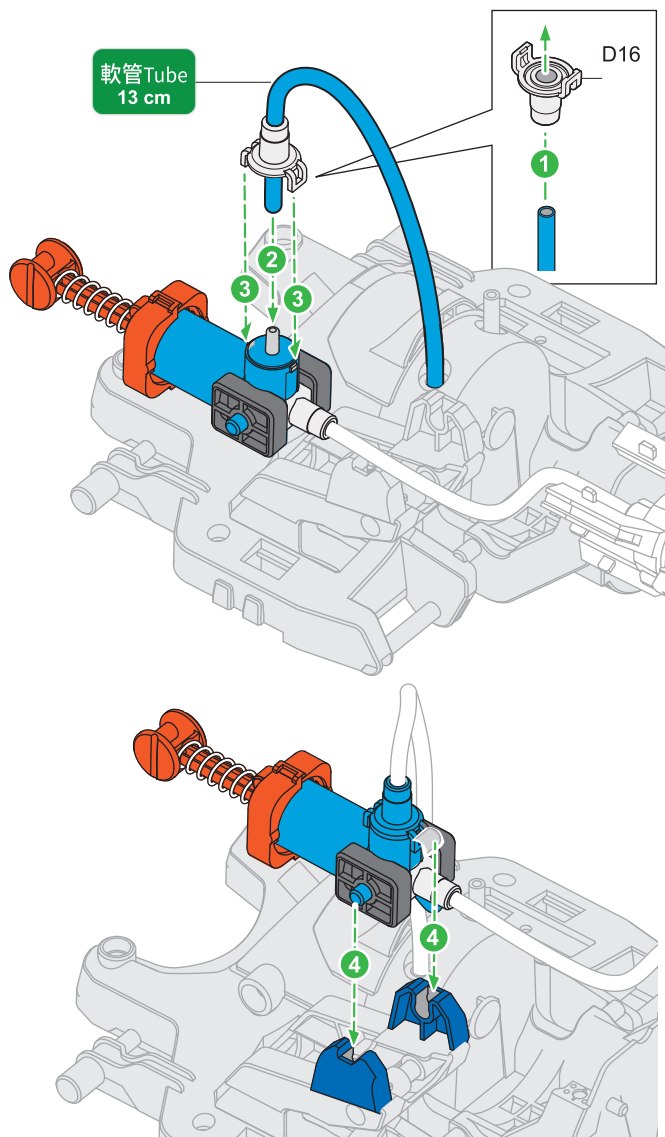
右手使用
Right-handed users



3



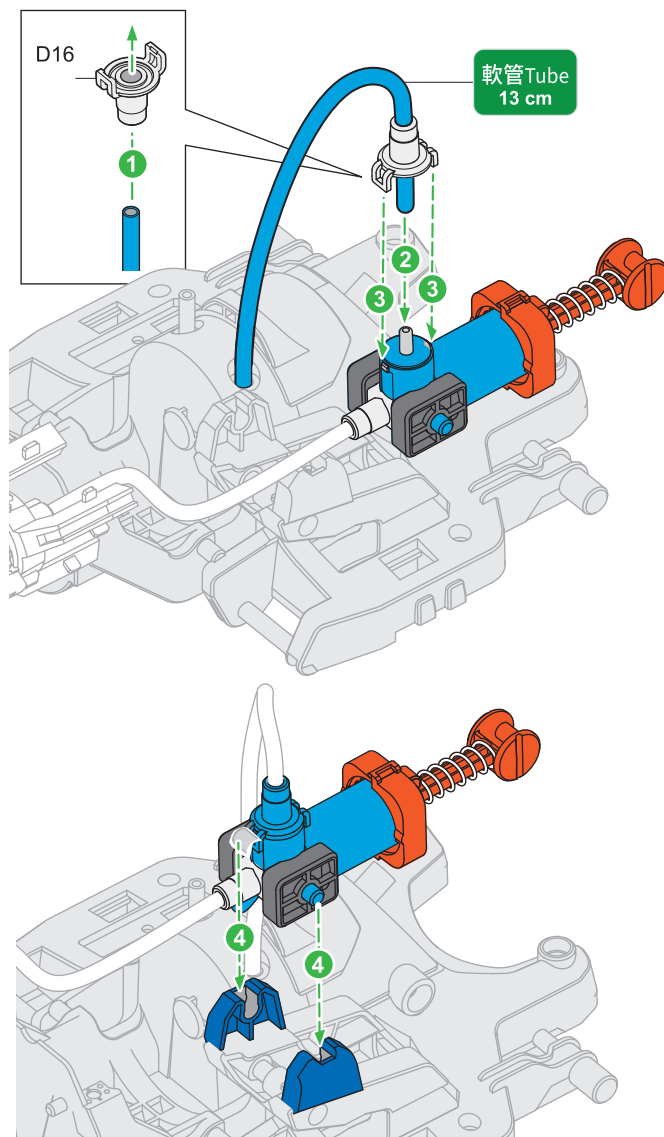
左手使用
Left-handed users



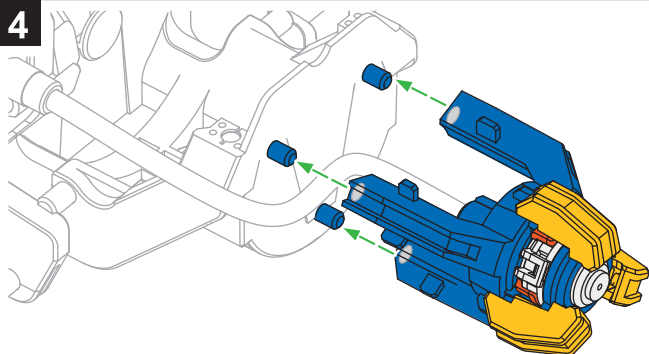
3



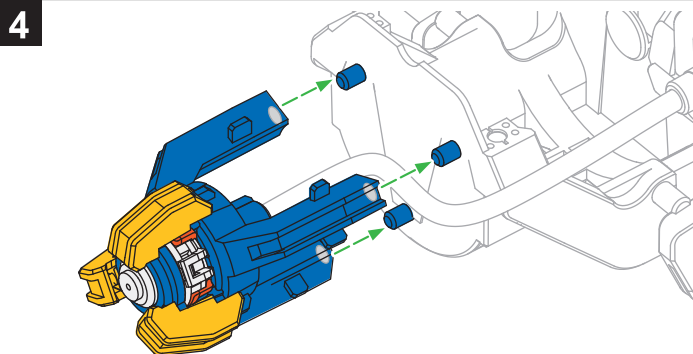
右手使用
Right-handed users



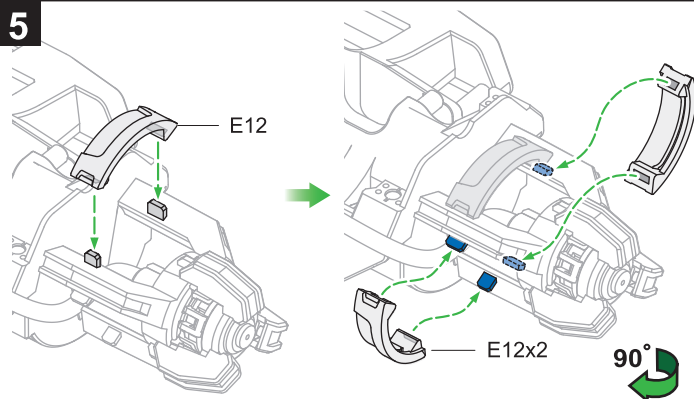
4



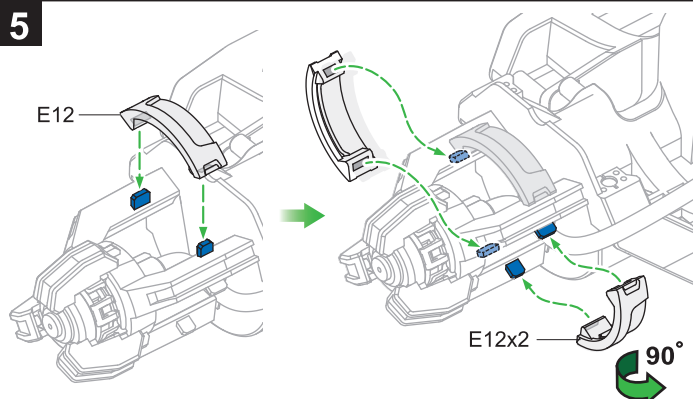
4



5



5



6



左手使用
Left-handed users

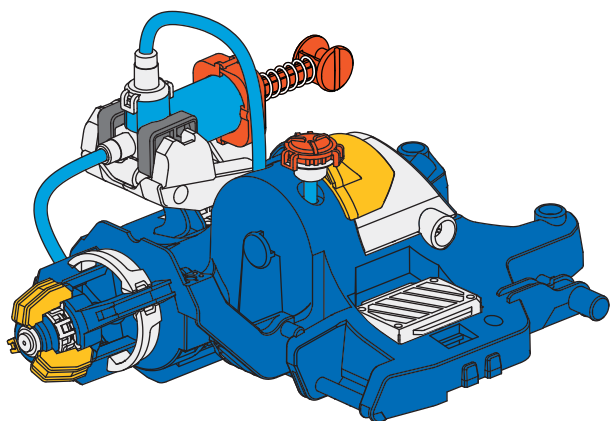
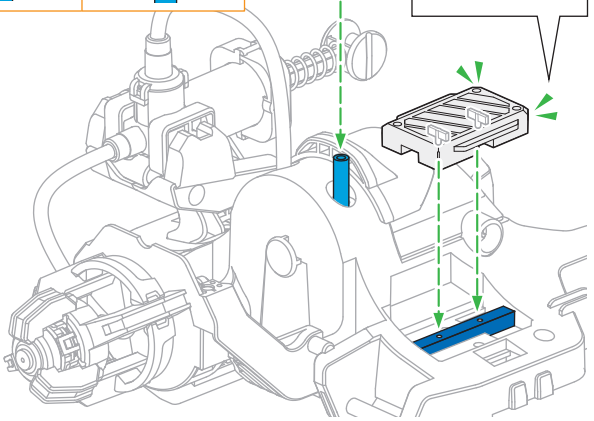
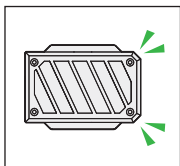


正確
Correct



錯誤
Incorrect

單向閥組裝
One-way Valve Assembly



6



右手使用
Right-handed users

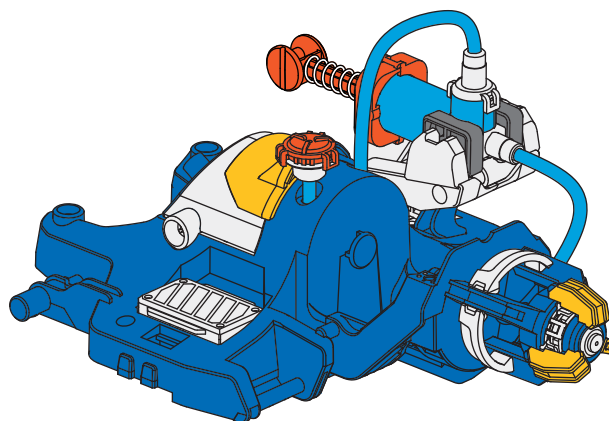
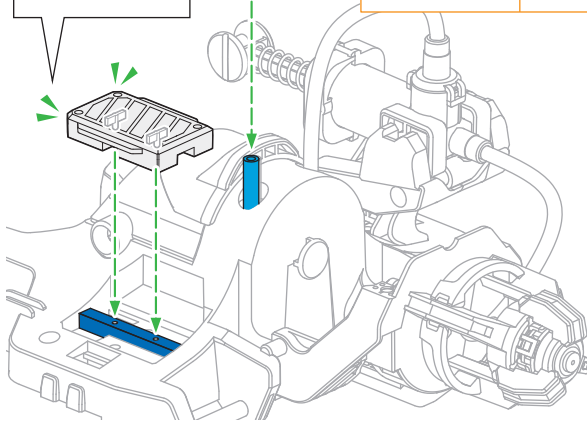
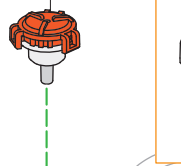
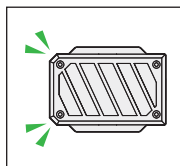


正確
Correct



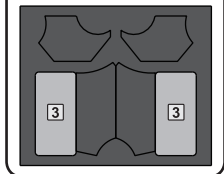
錯誤
Incorrect

單向閥組裝
One-way Valve Assembly

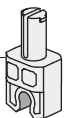


7

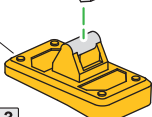
P17
海綿 Sponge (薄 Thin)



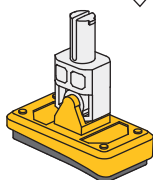
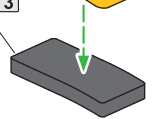
D4



A5

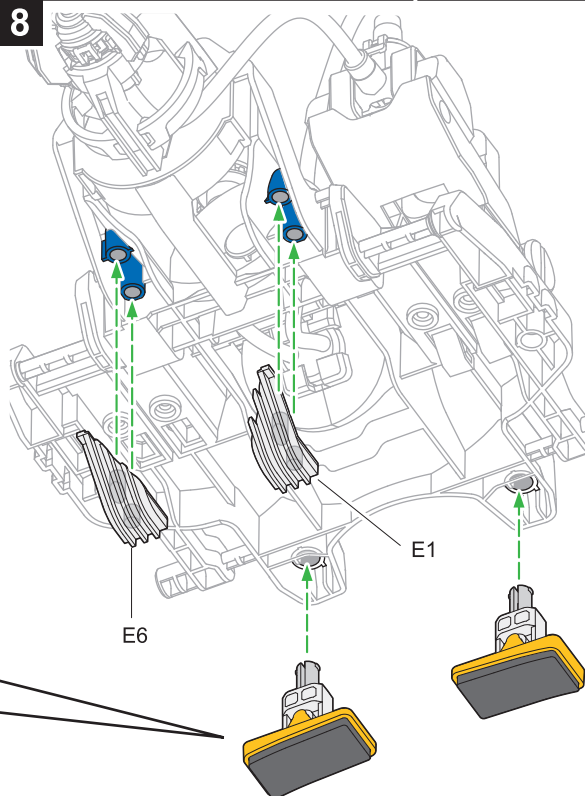


P17-3

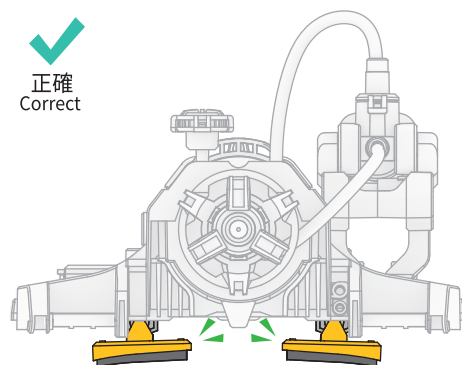


x2

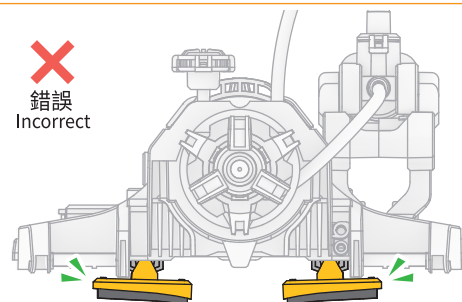
8



正確
Correct

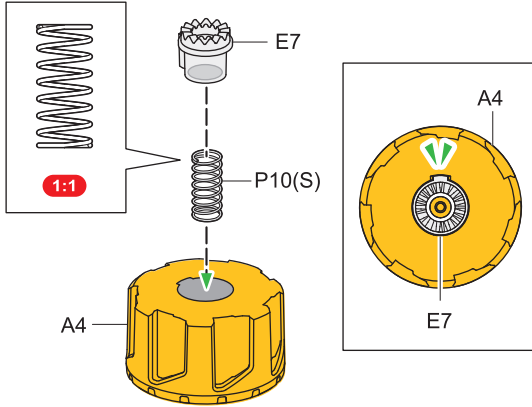


錯誤
Incorrect

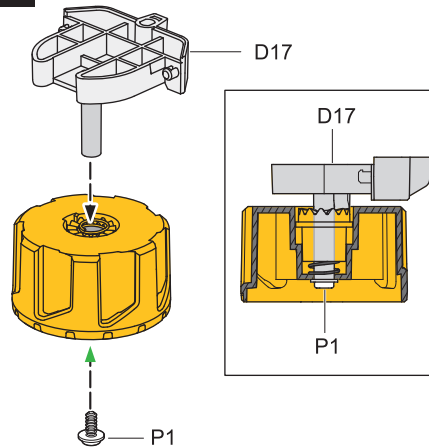


左輪手槍組裝 Revolver Assembly

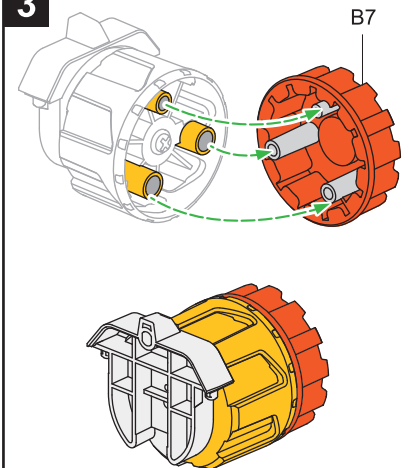
1



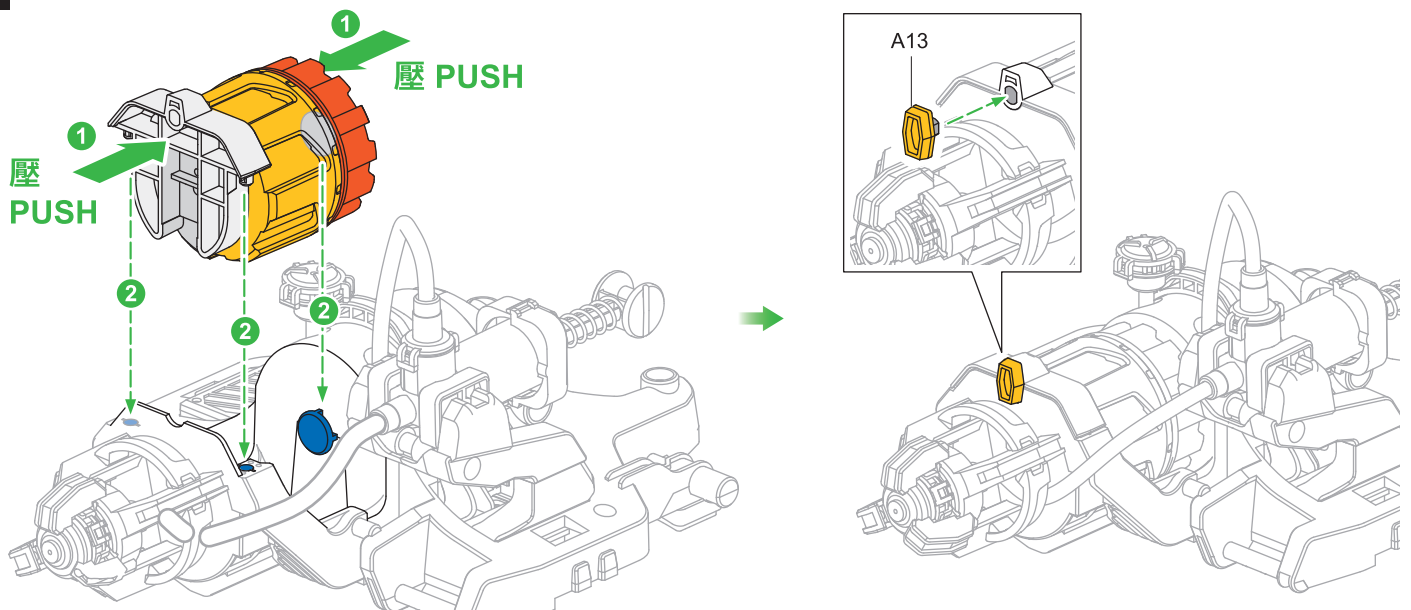
2



3



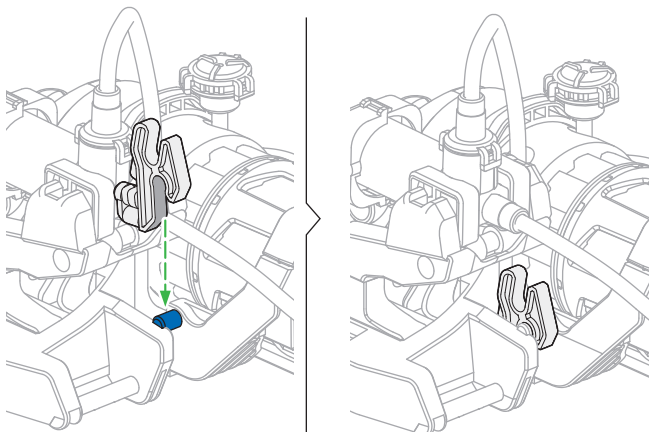
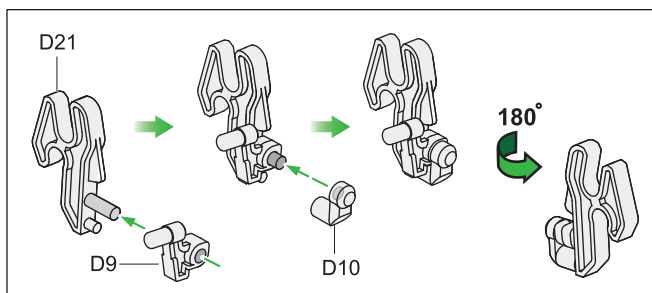
4



5



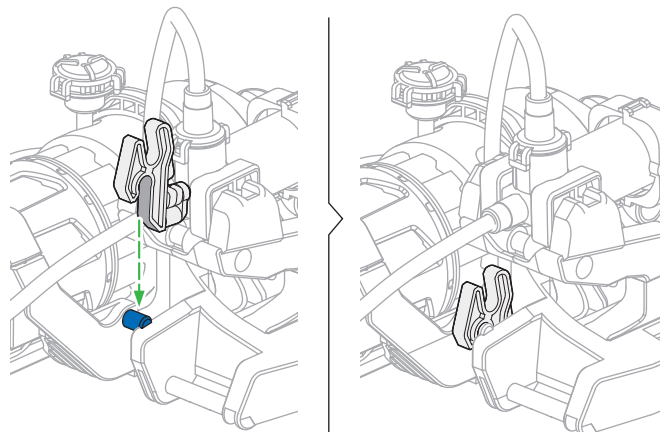
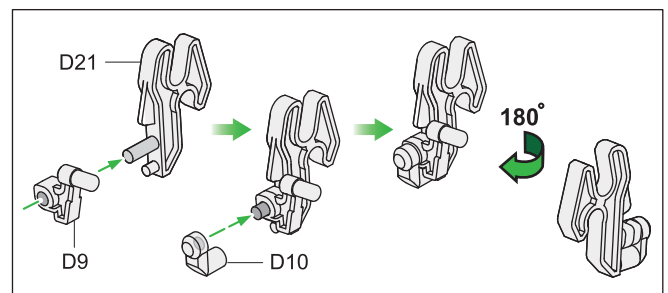
左手使用
Left-handed users



5



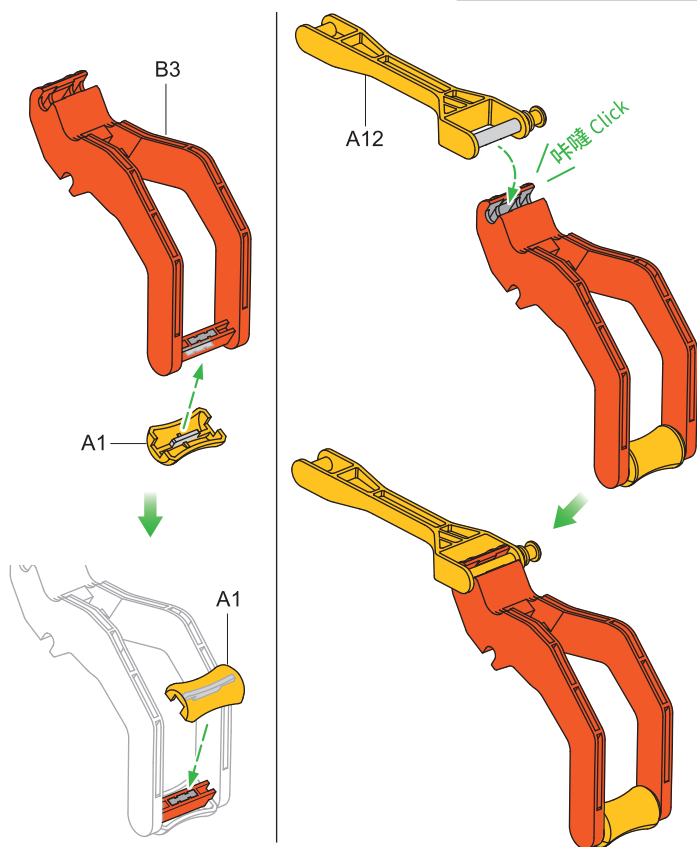
右手使用
Right-handed users



1



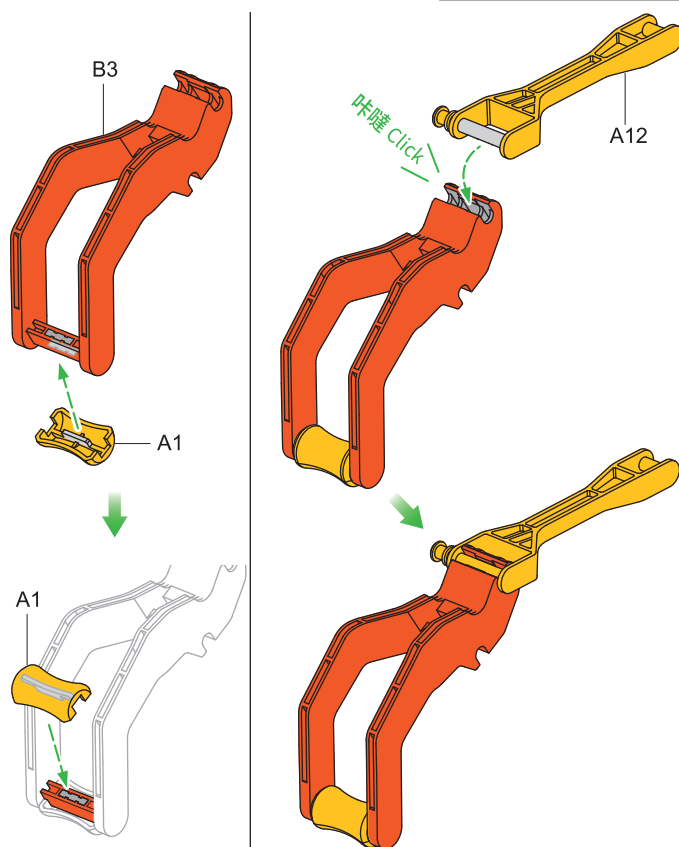
左手使用
Left-handed users



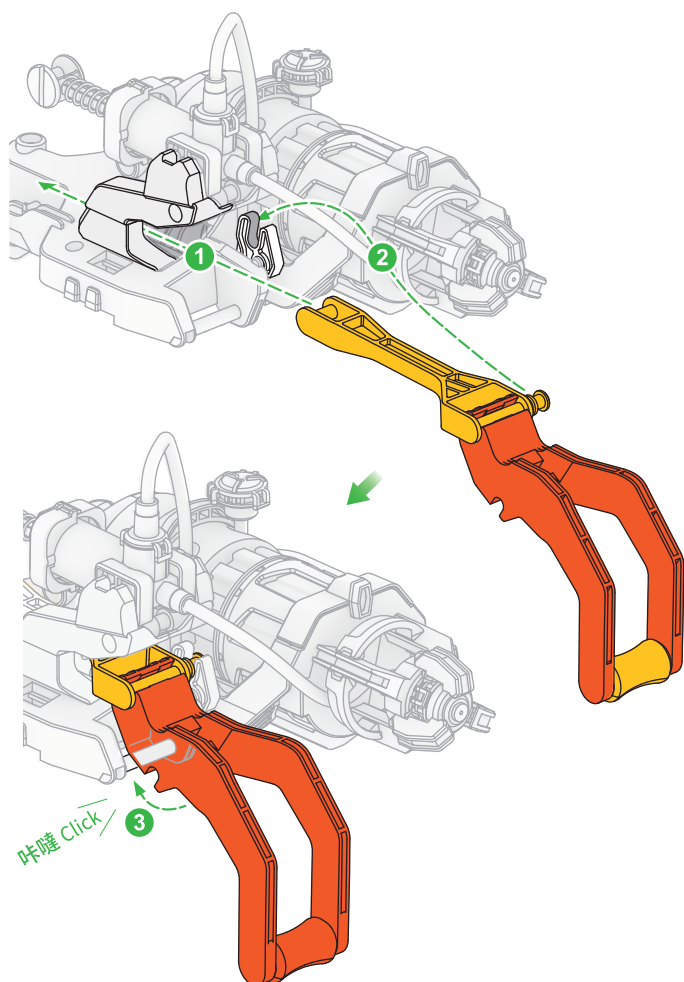
1



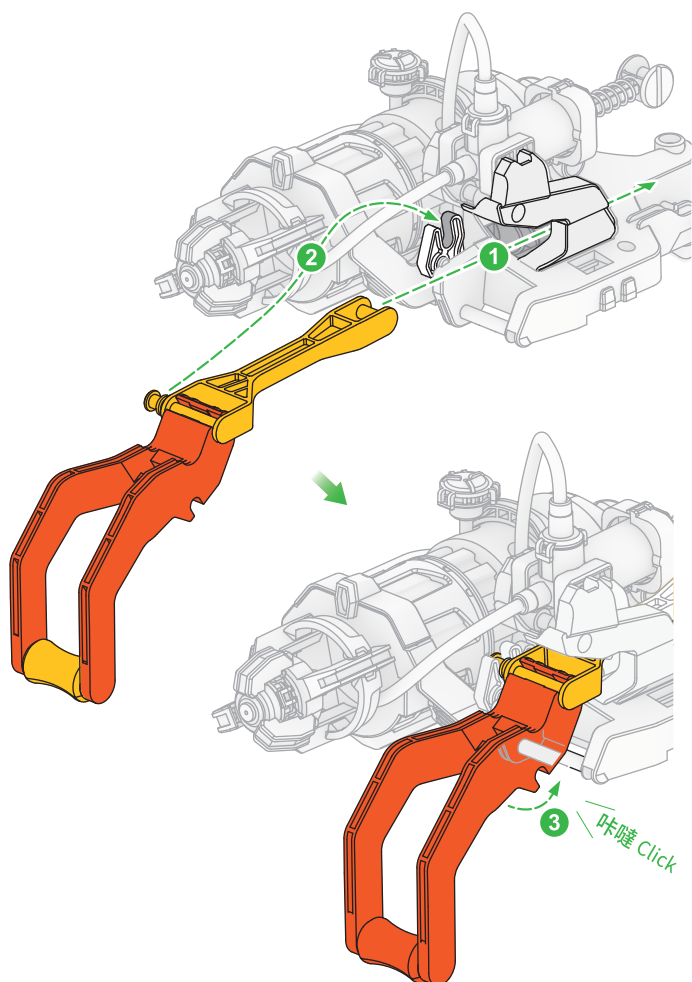
右手使用
Right-handed users



2



2

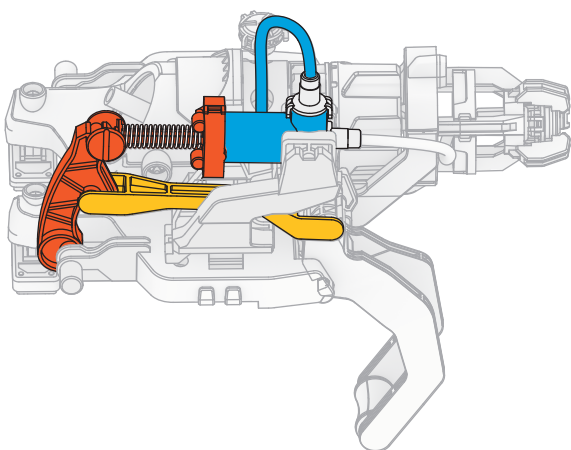
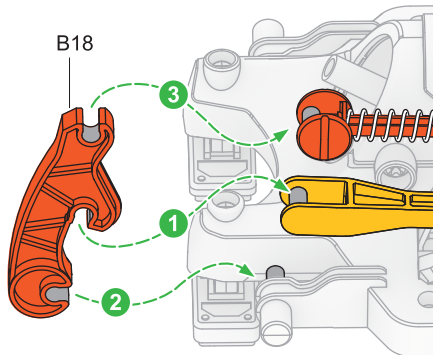
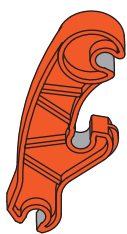


3



左手使用
Left-handed users

✗ 錯誤
Incorrect

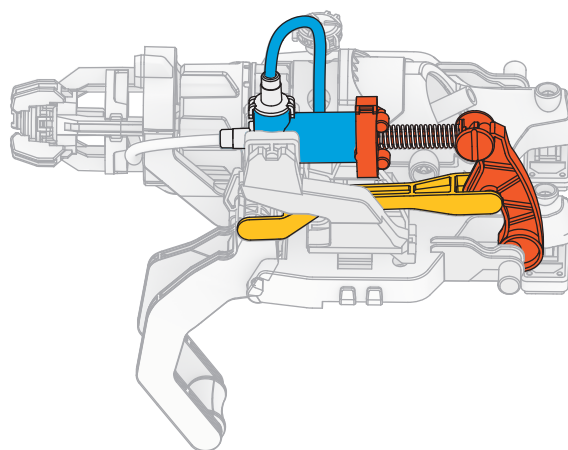
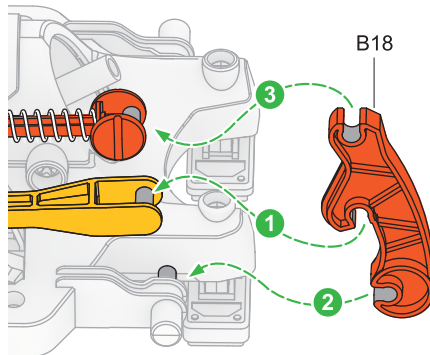
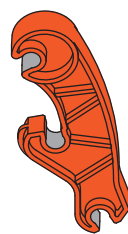


3



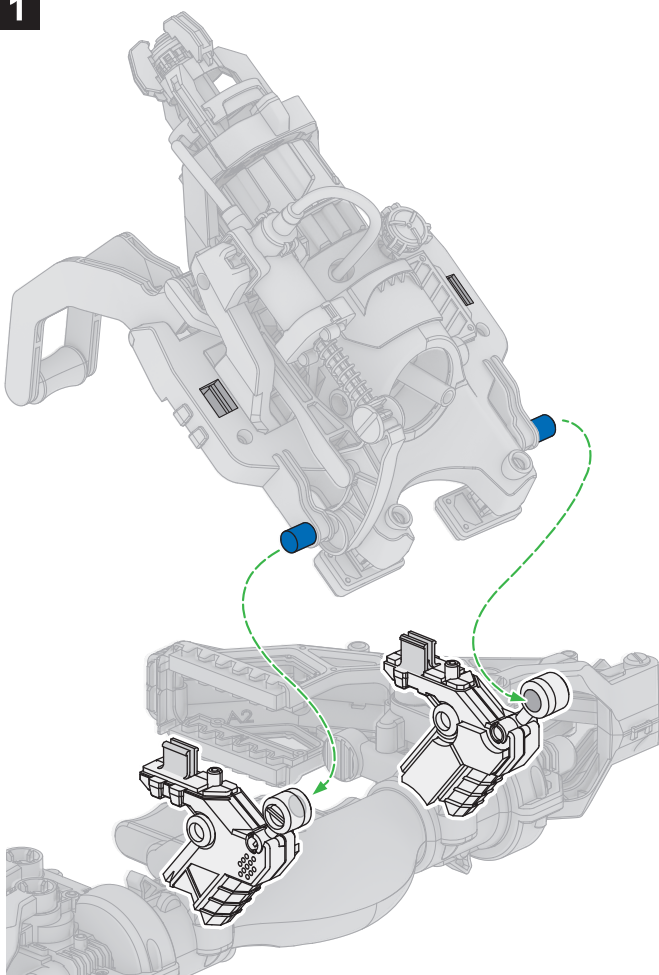
右手使用
Right-handed users

✗ 錯誤
Incorrect

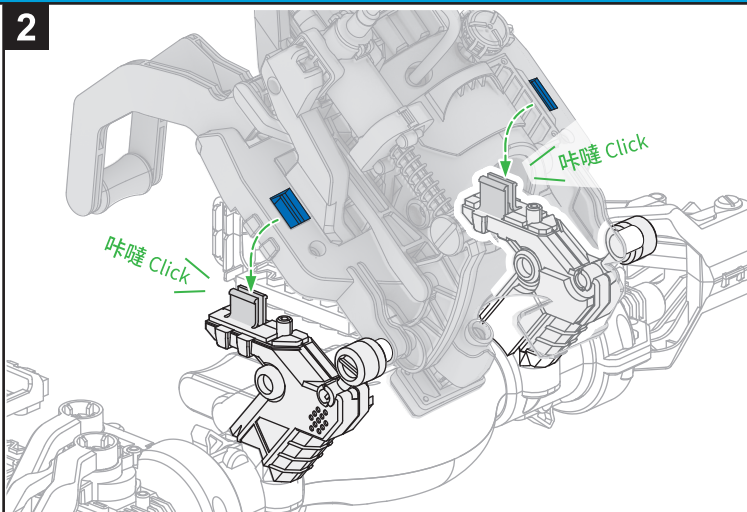


合體 Joining

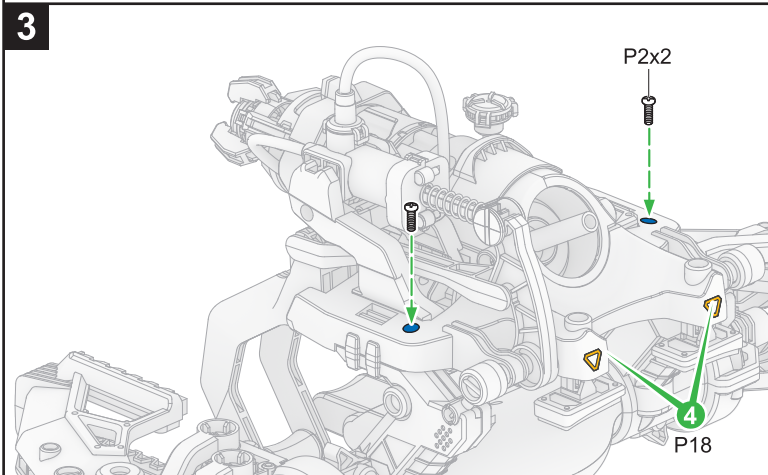
1



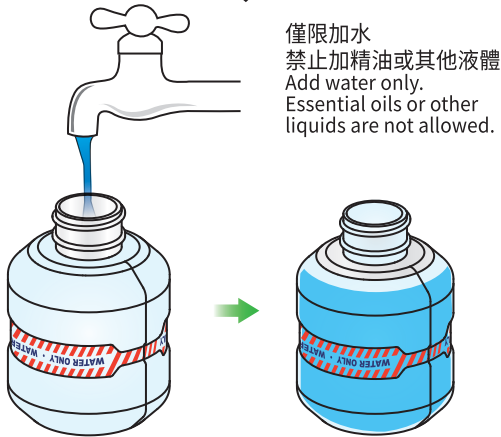
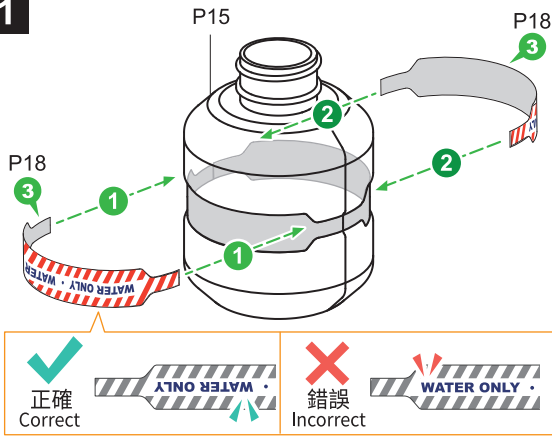
2



3

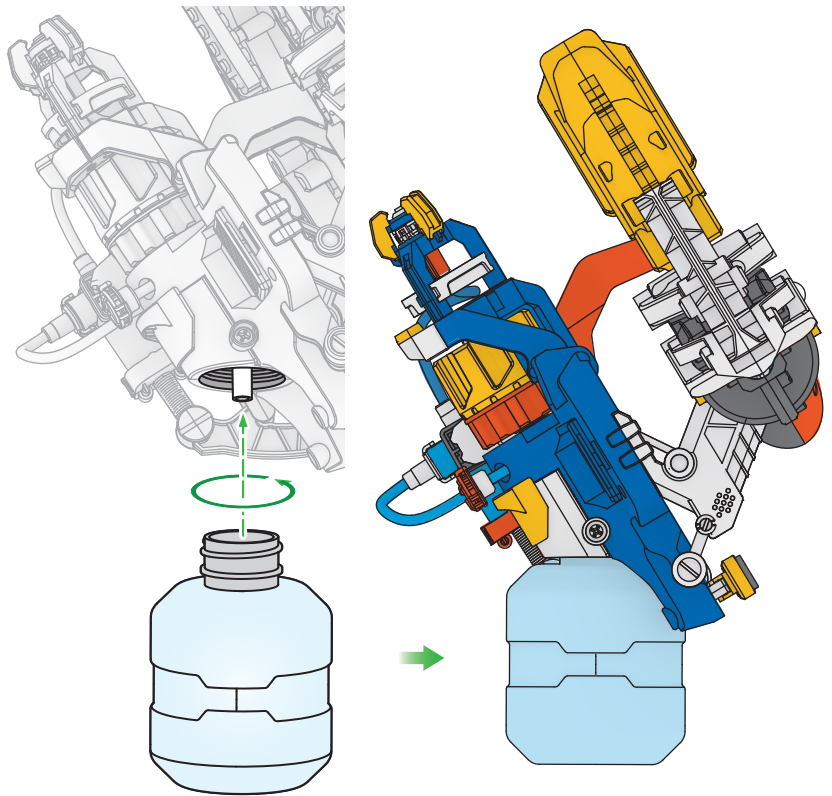


1



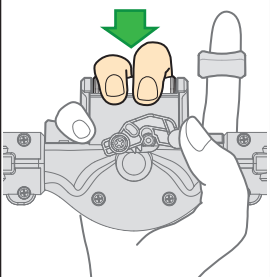
2

! 將塑膠瓶向上置入旋緊 Insert upwards and rotate until it's tight.



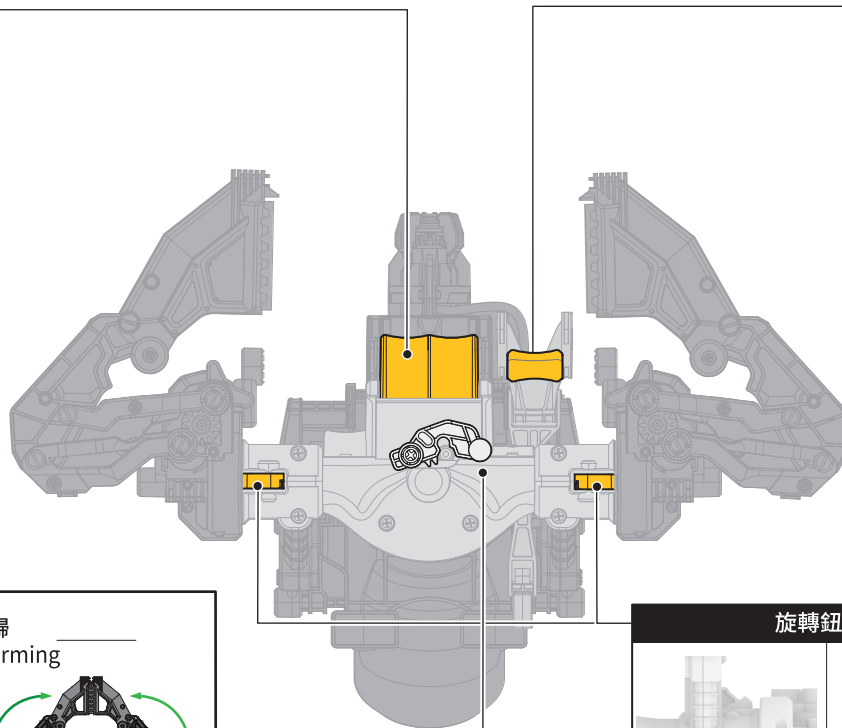
遊戲方式 How to Operate

變形與夾爪按鈕 Transformation & Gripping Button

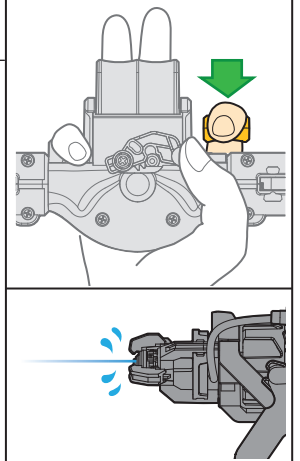


輕輕壓下然後快速釋放中間按鈕。夾爪會自動回歸至夾爪模式。
Gently press and swiftly release the middle button. The clamps will automatically flip forward to return to the gripper configuration.

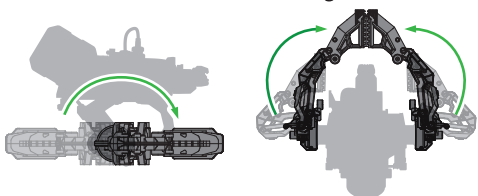
! 按壓前, 請確保夾具鎖定處於解鎖位置。
Before pressing, make sure the Gripper Lock is in the unlocked position.



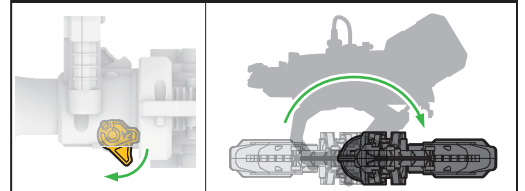
扳機 Trigger



自動回歸 Auto-Transforming



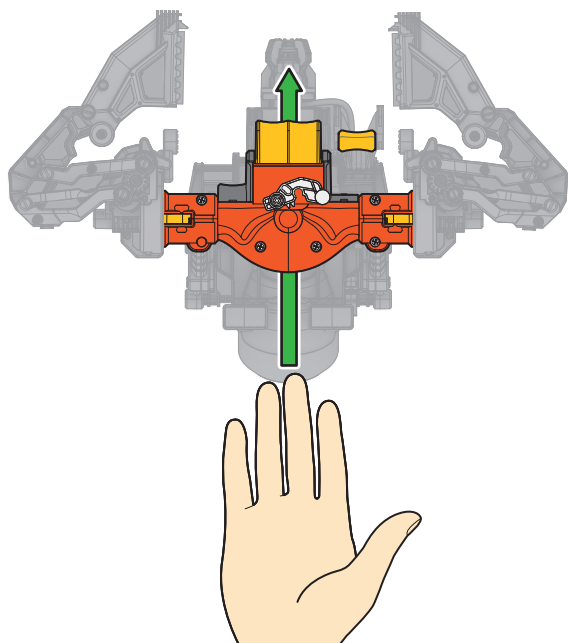
旋轉鈕 Rotation Button



夾爪固定鎖
Gripper Lock

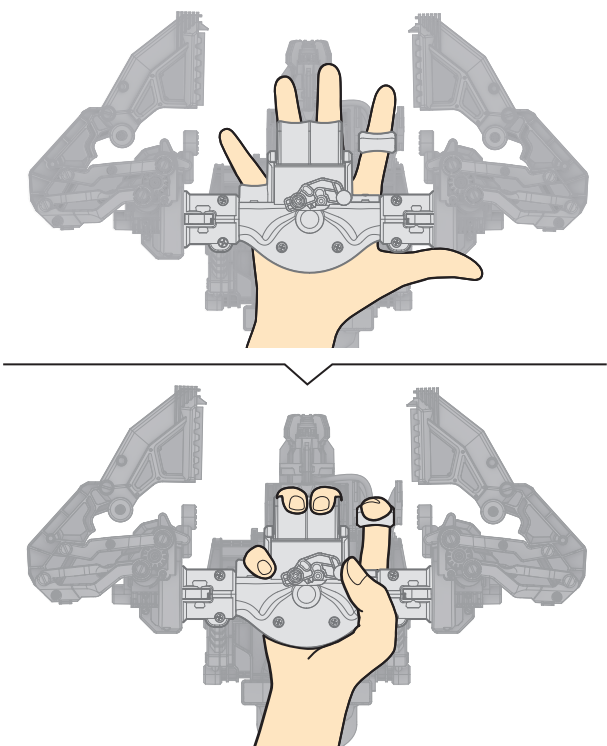
1

請將四隻手指伸進握把並放置於虎口 (大拇指與食指連接處)
Place all four fingers into the grip and position it in the purlicue (the area between the thumb and index finger).



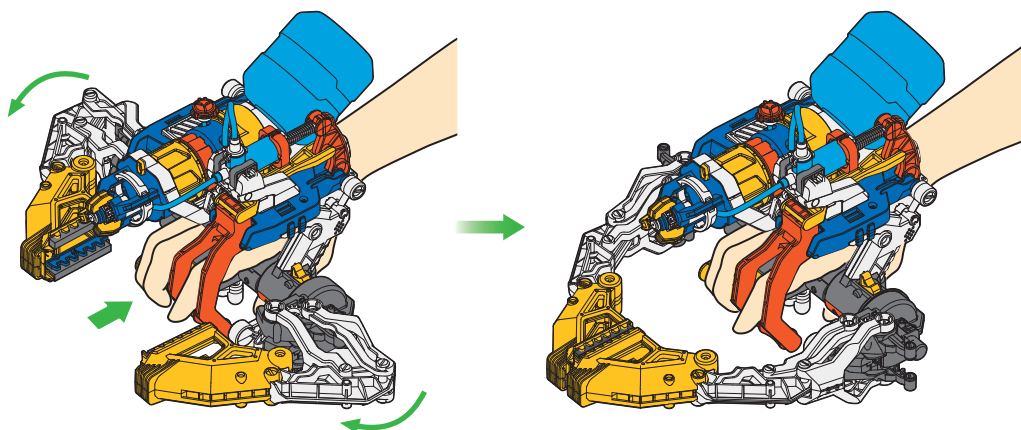
2

如下圖所示排列手指
Arrange your fingers as shown in the diagram below.



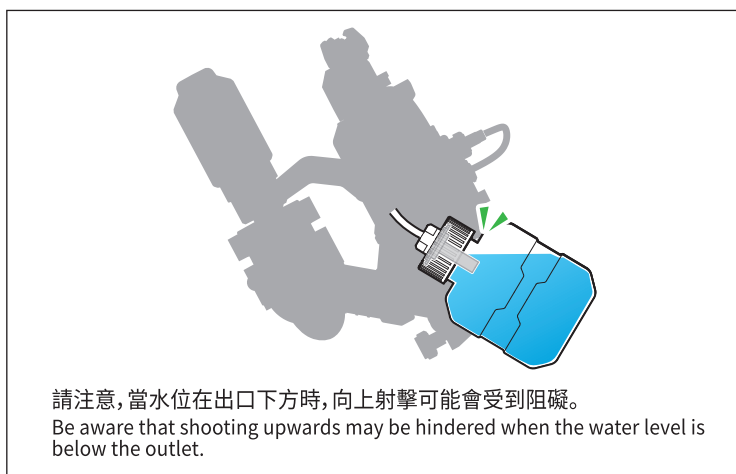
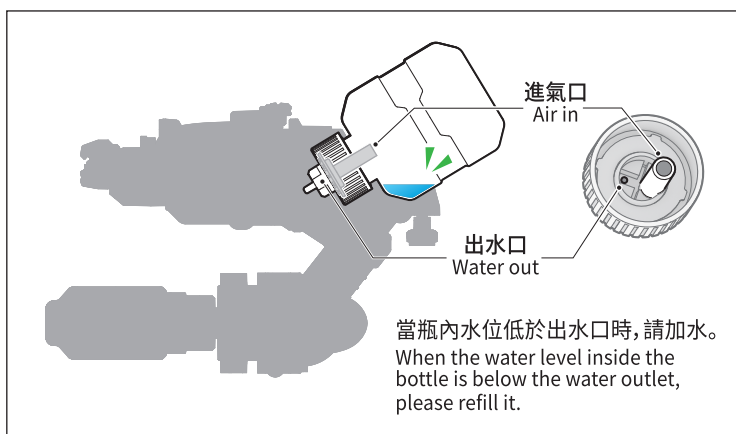
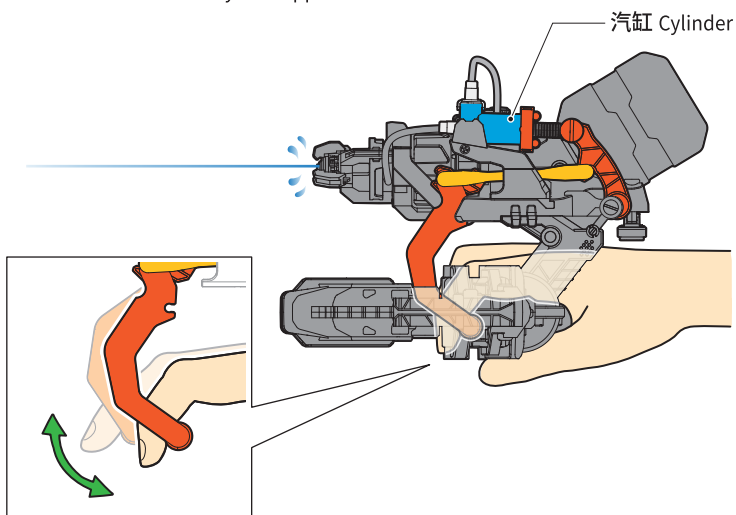
4

你可以用中指和無名指來操作夾爪
You can operate the gripper with your middle and ring fingers by pressing the button.



3

每次加水後, 第一次射擊時, 請多按板機兩次以釋放水箱中滯留的空氣。
After each water refill, for the first shot, press the trigger two extra times to release any air trapped in the water tank.



5種變形!

TRANSFORMATIONS!



迴旋鏢
Boomerang



盾牌
Shield



十字弓型
Crossbow



劍型
Sword



夾爪
Gripper

跟好友們組隊
一起享受對戰的樂趣吧!



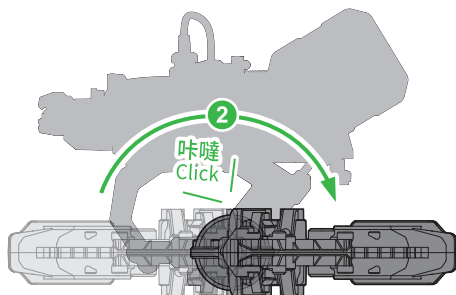
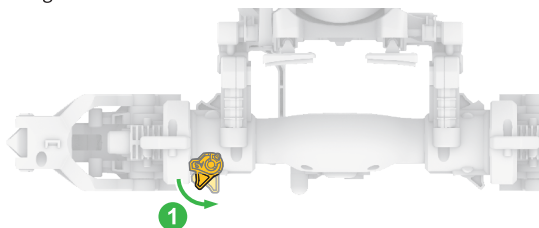
變形方式 Transformation

由夾爪模式至迴旋鏢模式 From Gripper to Boomerang

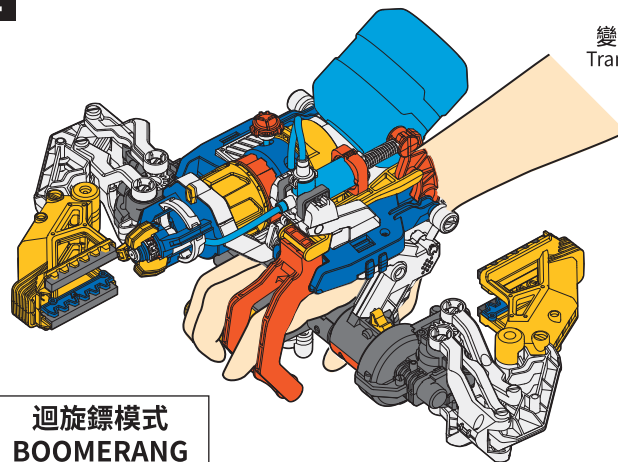


變形操作影片
Transformation
video

- 1** 將旋轉鎖向內推,同時將爪子向上向後旋轉直到聽見“咔噠”一聲。
Push the rotational lock inward, and simultaneously rotate the clamp on that side upwards and to the rear until you hear a clicking sound.



2



迴旋鏢模式
BOOMERANG

由迴旋鏢模式至夾爪模式 From Boomerang to Gripper

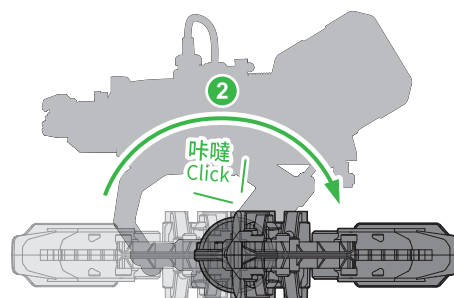
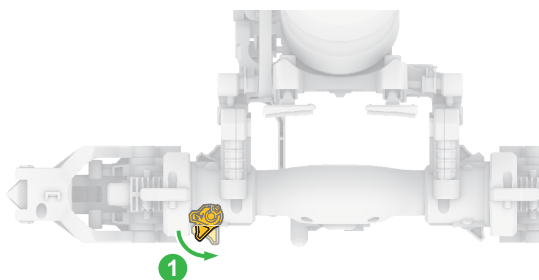
輕輕按下並快速釋放中間按鈕。夾爪將自動向前翻轉返回夾爪模式。
Gently press and swiftly release the middle button. The clamps will automatically flip forward to return to the gripper configuration.

由夾爪模式至盾牌模式 From Gripper to Shield

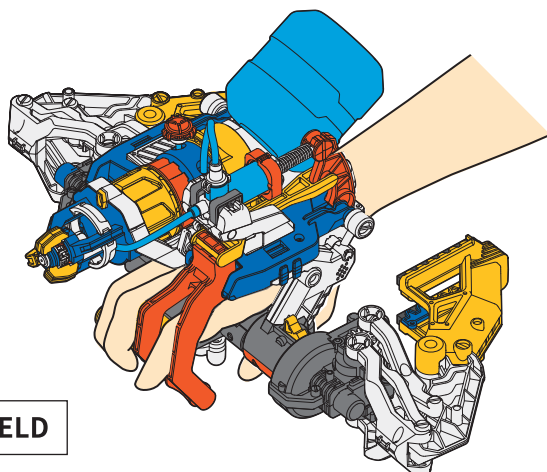
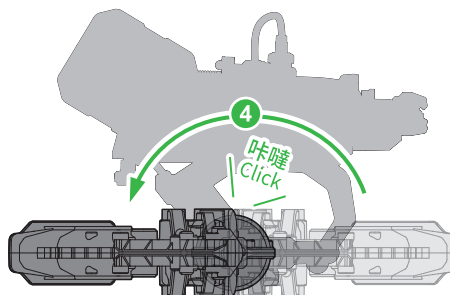
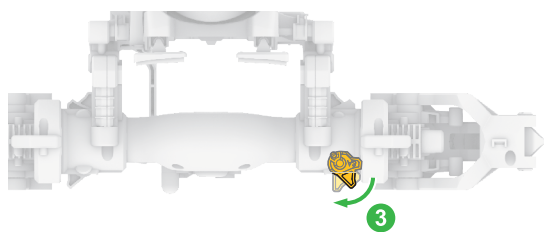


變形操作影片
Transformation
video

- 1** 將旋轉鎖向內推,同時將爪子向上向後旋轉直到聽見“咔噠”一聲。
Push the rotational lock inward, and simultaneously rotate the clamp on that side upwards and to the rear until you hear a clicking sound.



請在另一邊重複一樣的步驟。Repeat the same procedure on the other side.



盾牌模式 SHIELD

由夾爪模式至盾牌模式 From Shield to Gripper

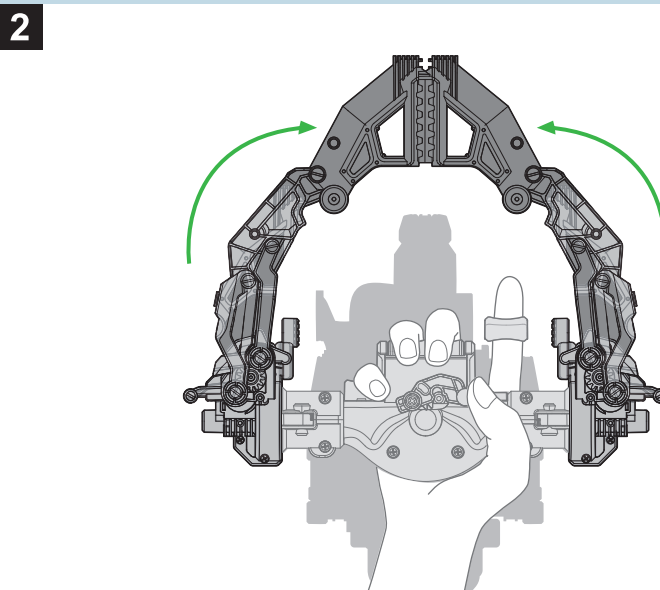
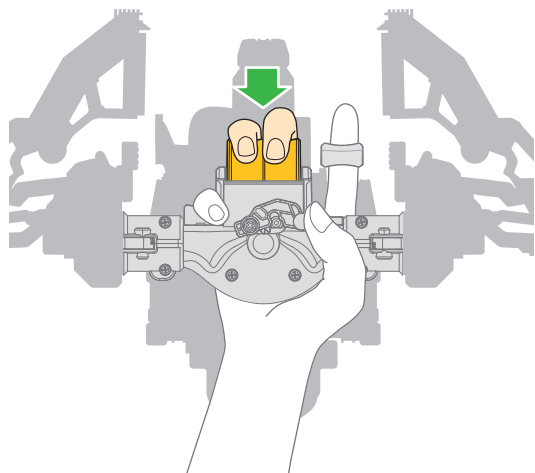
輕輕按下並快速釋放中間按鈕。夾爪將自動向前翻轉返回夾爪模式。
Gently press and swiftly release the middle button. The clamps will automatically flip forward to return to the gripper configuration.

由夾爪模式至劍模式 From Gripper to Sword

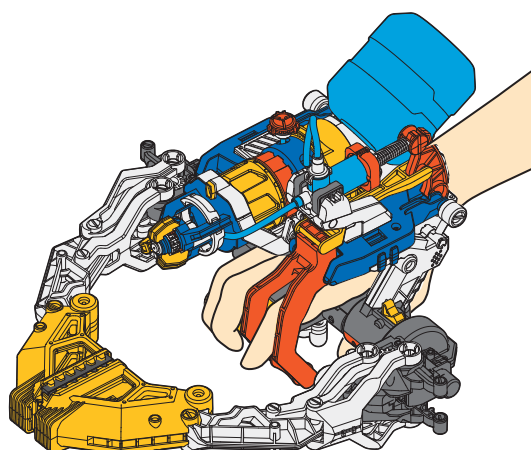
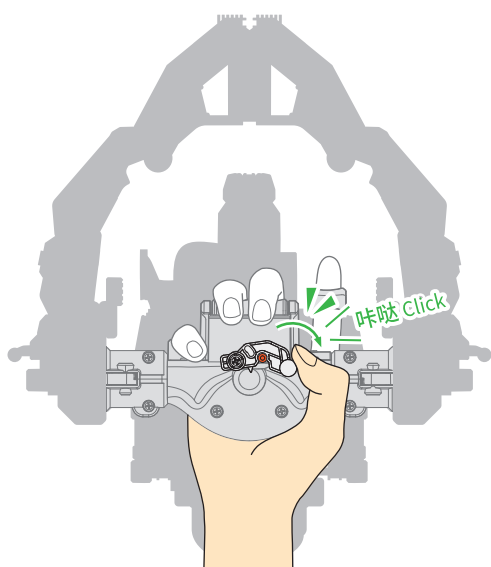


變形操作影片
Transformation
video

- 1** 請緊壓中間按鈕讓夾爪保持合攏位置
Press the middle button tightly to keep the gripper in the closed position.



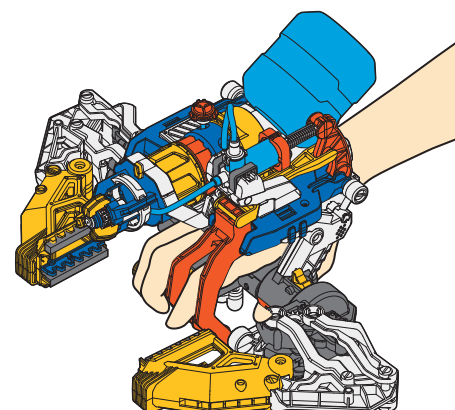
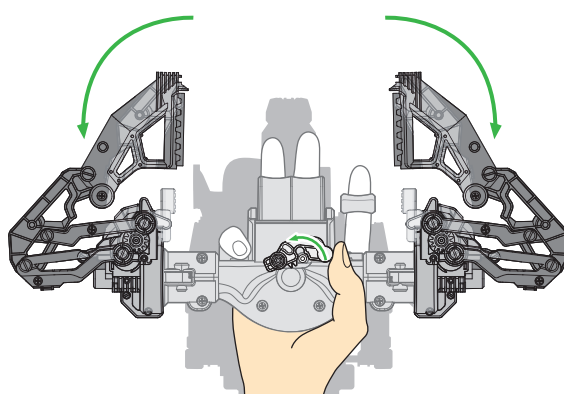
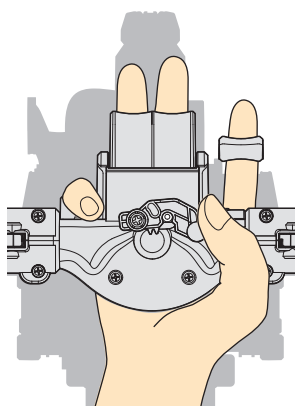
- 3** 滑動夾爪固定鎖以固定此合攏位置，完成劍型模式
Slide the gripper locking lever to secure this closed position, completing the sword configuration.



劍模式 SWORD

由劍模式至夾爪模式 From Sword to Gripper

- 釋放夾爪固定鎖及中間按鈕以返回夾爪模式
To return to the gripper configuration, release the gripper locking lever and release the middle button.

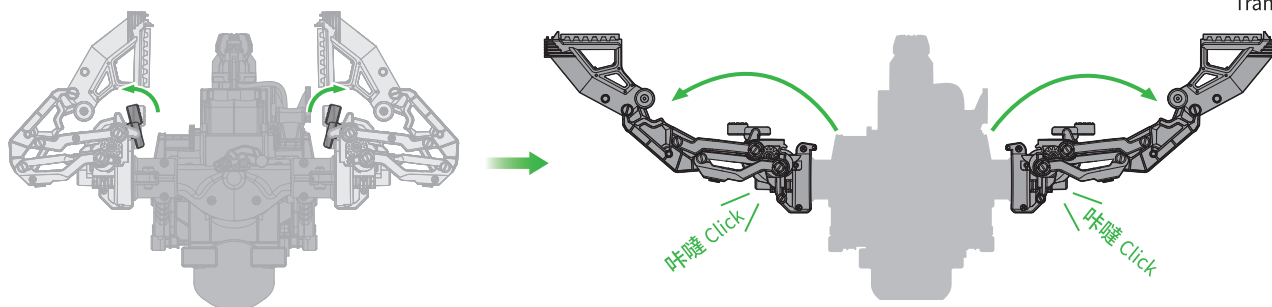


由夾爪模式至十字弓模式 From Gripper to Crossbow

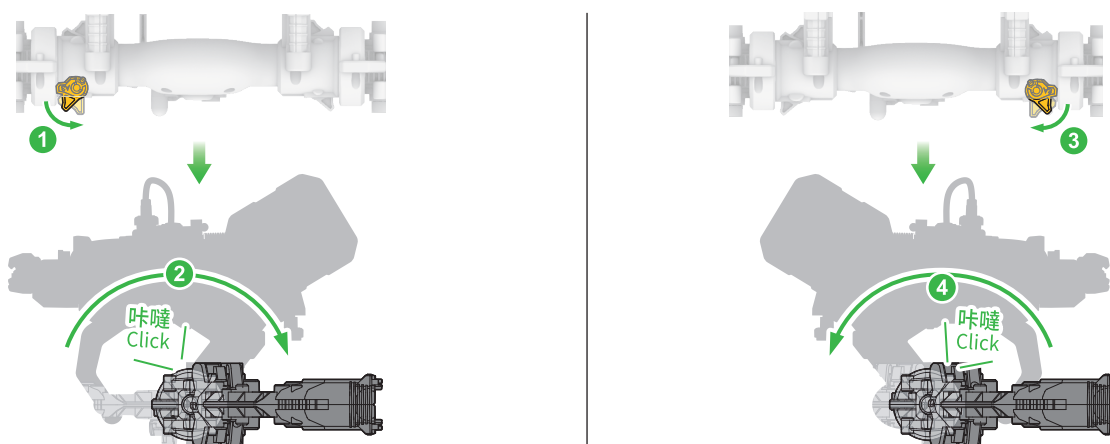


變形操作影片
Transformation
video

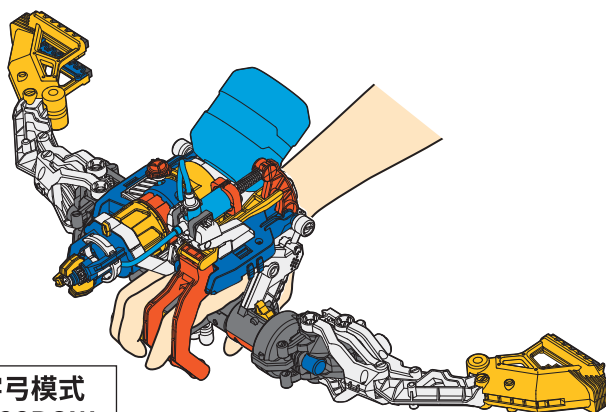
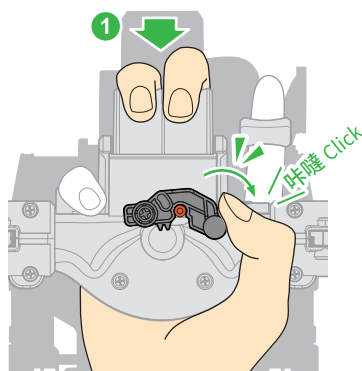
- 1** 將兩側的展開按鈕向外推90度，然後展開夾爪，直到聽到「咔嚓」聲
Push the expansion buttons on both sides outward by 90 degrees, then unfold the clamp until you hear a clicking sound.



- 2** 將旋轉鎖向內推，同時將爪子向上向後旋轉直到聽見“咔嚓”一聲
Push the rotational lock inward, and simultaneously rotate the clamp on that side upwards and to the rear until you hear a clicking sound.



- 3** 1.輕輕按中間按鈕。Gently press the middle button.
2.用拇指滑動夾爪固定鎖以固定形狀。Use your thumb to slide the gripper locking lever to secure the shape.

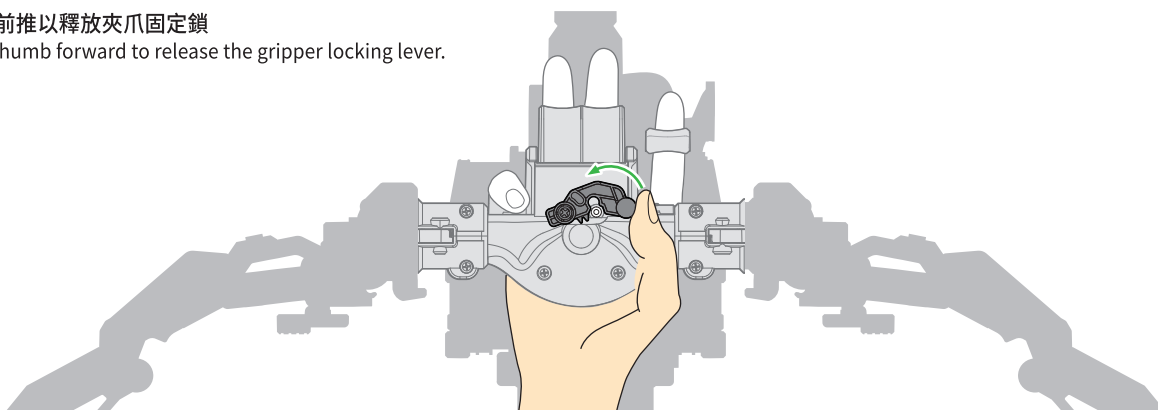


十字弓模式
CROSSBOW

! 在此模式時，請避免過度用力壓住中間按鈕以防損壞其他零件。
In this mode, please avoid pressing the middle button with force to prevent damage to the gears.

由十字弓模式至夾爪模式 From Crossbow to Gripper

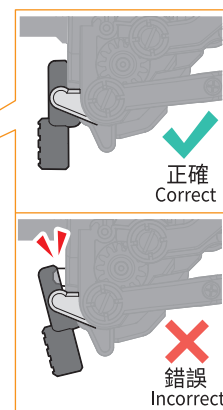
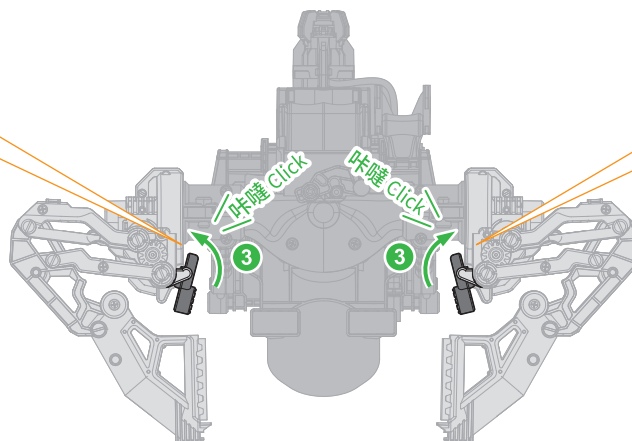
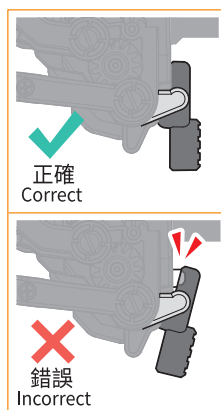
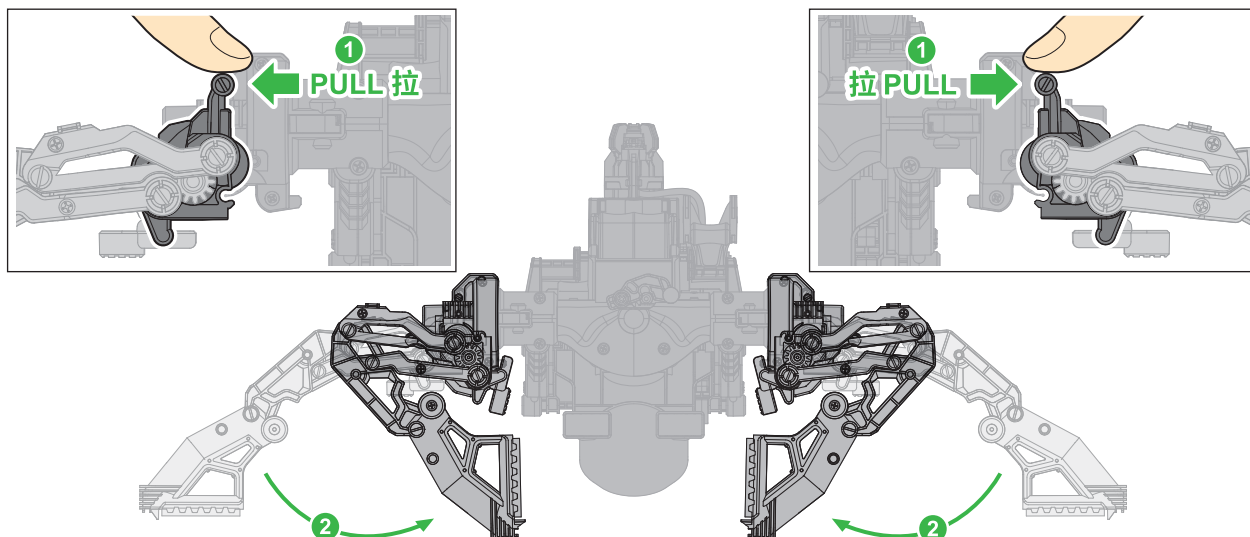
- 1** 將拇指向前推以釋放夾爪固定鎖
Push the thumb forward to release the gripper locking lever.



2

將夾爪向內折疊，直到聽到「咔嚓」聲，表示擴展按鈕已恢復到原始位置

Fold the clamps inward until you hear a clicking sound, indicating that the expansion buttons have returned to their original position.



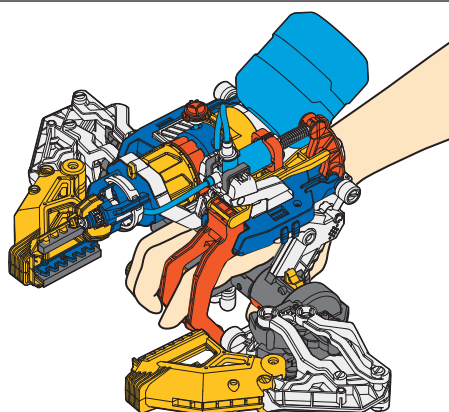
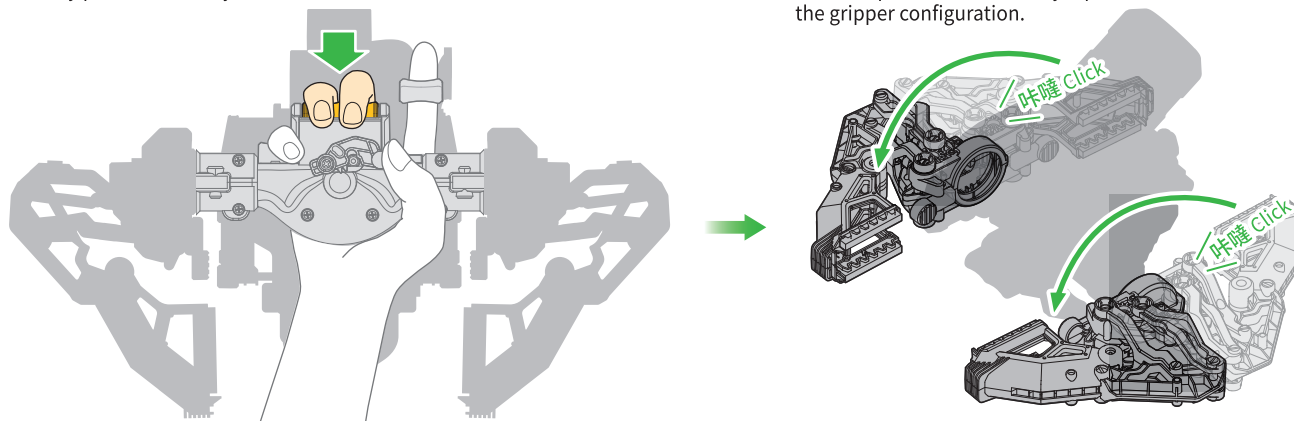
3

輕輕按下並快速釋放中間按鈕。

Gently press and swiftly release the middle button.

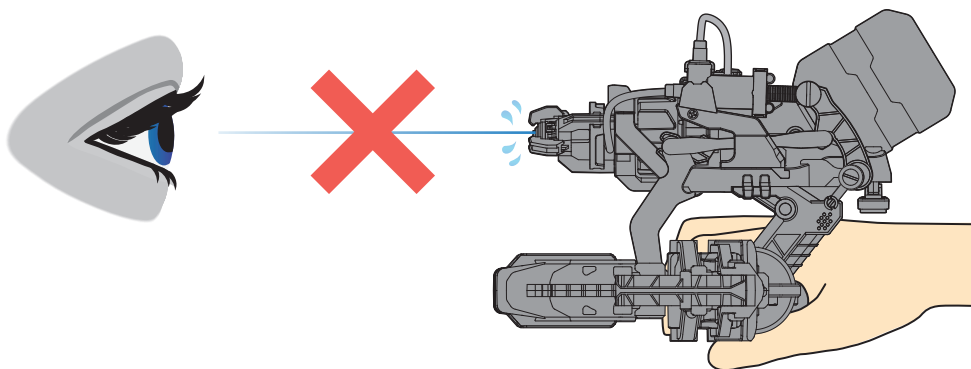
夾爪將自動向前翻轉返回夾爪模式。

The clamps will automatically flip forward to return to the gripper configuration.

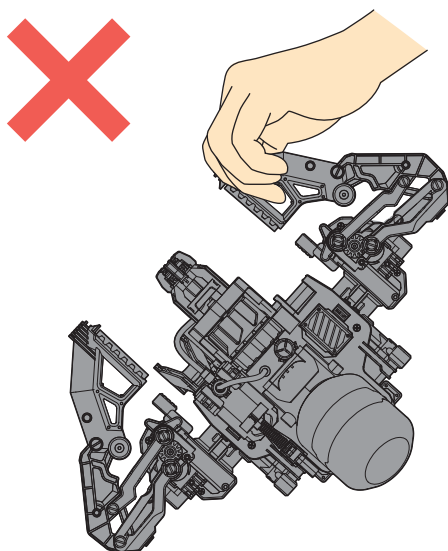


注意事項 Warning

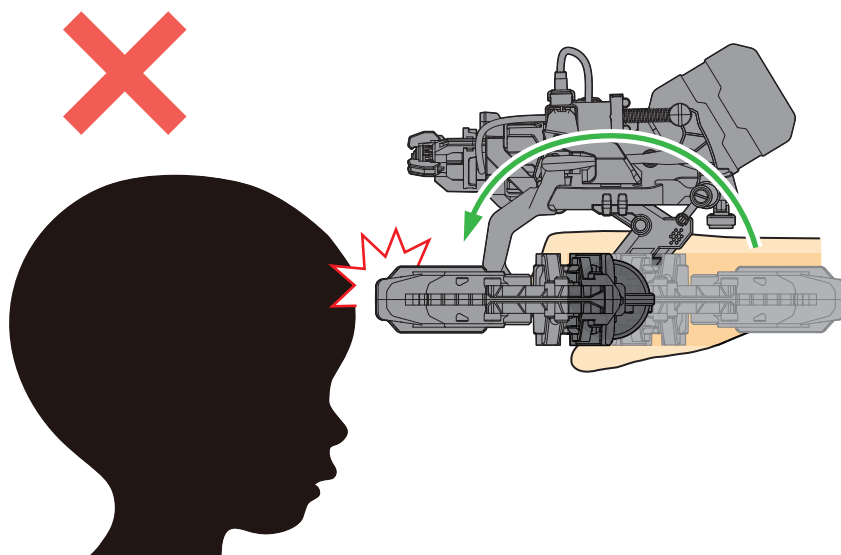
- !** 請勿將水噴向任何人的眼睛
Do not spray water towards anyone's eyes.



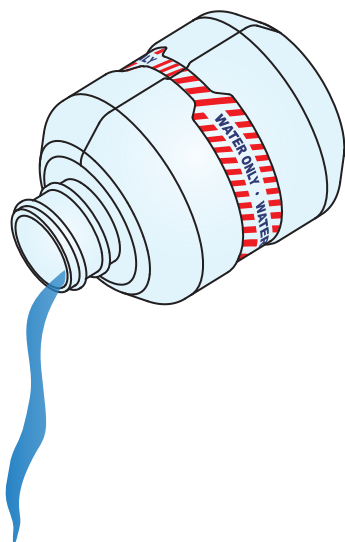
- !** 請勿將單側夾具提起以避免損壞
Do not lift one-sided clamp to avoid damage.



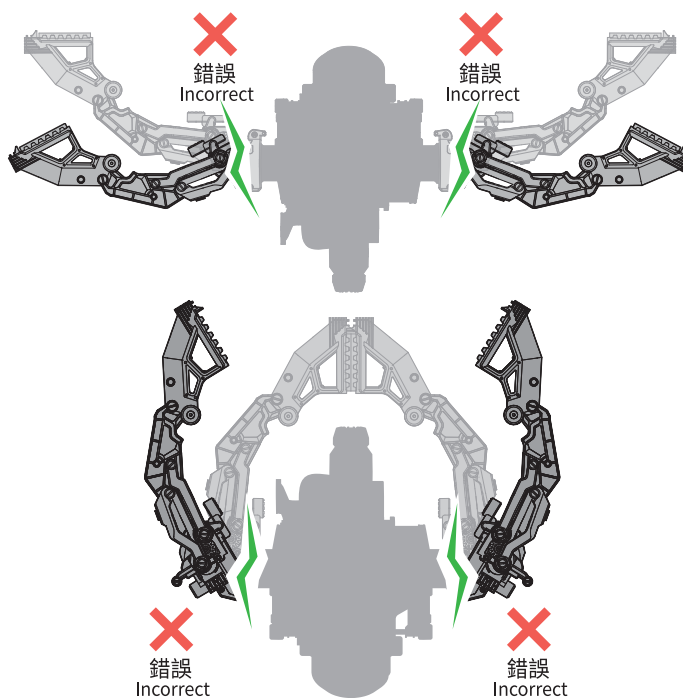
- !** 變型時與頭部和臉部保持安全距離
Keep a safe distance from your head and face when transforming.



- !** 當沒在使用時請淨空寶特瓶
Please empty the water inside when not in use.



- !** 避免過度彎曲夾爪以防止損壞
Avoid excessive bending of the clamps to prevent damage.

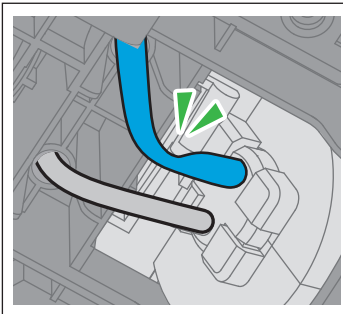


情境 1

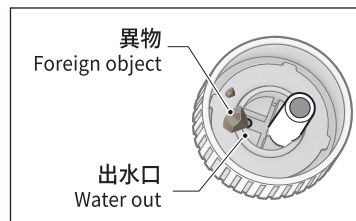
Scenario1

水瓶中仍然有水,但按下板機時沒有水流出。請按照以下順序排解錯誤

The water bottle still contains water, but there's no water coming out when you press the trigger. Please troubleshoot in the following order.

**解決方案 Solution:**

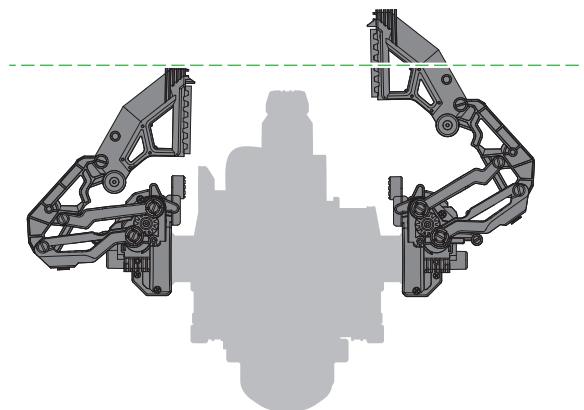
- 1.檢查軟管是否纏結或折疊,造成水或空氣堵塞(如圖)。
Check if the water hose is tangled or folded, causing a blockage of water or air (as shown in the illustration).
- 2.如果水缸不能抽水,則表示無密封完全。請重做第16頁步驟1~3、第18頁步驟6~7、1~3、檢查密封閥毛邊是否有正確移除,並且是否有任何異物阻擋墊圈(P3 零件)和出水口蓋(E5 零件)。
If the water cylinder can't draw water, it means there is no proper seal. Please redo Page 16 step 1~3, Page 18 step 6~7, 1~3, inspect if the sealing valve's burr are removed properly, and if there are any objects blocking the washer (Part P3) and the water outlet cap (Part E5).

**情境 2**

Scenario2

組裝後的夾爪兩側不對稱,或開合距離異常(如圖)

Two sides of assembled gripper are not symmetrical, or the opening and closing distance is abnormal(as shown in the illustration).

**解決方案 Solution:**

- 1.檢查連桿齒是否在正確位置,第 10 頁步驟 5 至第 12 頁步驟 17。Check if the linkage teeth are in the correct position, Page 10 step 5 to Page 12 step 17.
- 2.檢查三層齒是否為正確位置,第8頁步驟16至第9頁步驟20。Check if the three-layer teeth are in the correct position, Page 8 step 16 to Page 9 step 20.
- 3.檢查手把內齒條是否處於正確位置,第5頁步驟4至第7頁步驟12。Check if the handle's internal teeth bars are in the correct position, Page 5 step 4 to Page 7 step 12.

情境 3

Scenario3

夾爪無法開合 The gripper cannot open or close.

解決方案 Solution:

- 1.確保夾爪鎖定桿已鬆開,第 31 頁。Ensure that the gripper locking lever is released, Page 31.
- 2.確保 C9 零件位置正確,第 6 頁第 7 步。Ensure Part C9 is placed correctly, Page 6 step 7.

情境 4

Scenario4

夾爪無法向後向上旋轉以形成迴旋鏢或盾牌模式。

The clamps cannot be rotated upwards to the rear to form a Boomerang or Shield Mode.

解決方案 Solution:

檢查拉伸彈簧(P8 零件)是否正確定位。Check if the tension springs (Part P8) are properly positioned.

情境 5

Scenario5

水瓶無法鎖緊 The water bottle cannot be securely locked.

解決方案 Solution:

請重新進行第 19 頁第 5 步驟,並重新鎖緊螺絲(P1 零件)。Please re-do Page 19 step 5 and re-tighten the tapping screws (Part P1).

情境 6

Scenario6

右手使用者夾爪模式無法順利旋轉。

The right-side gripper doesn't rotate smoothly.

解決方案 Solution:

- 1.確保C10 & C11零件有正確上油。(第 8 頁步驟 16 & 步驟 18)
Make sure there was oil applied on C10 & C11. (Page 8, step 16 & step 18)
- 2.確保B19零件有正確上油。(第 5 頁步驟 2)
Make sure there was oil applied on B19 (Page 5, step 2)

情境 7

Scenario7

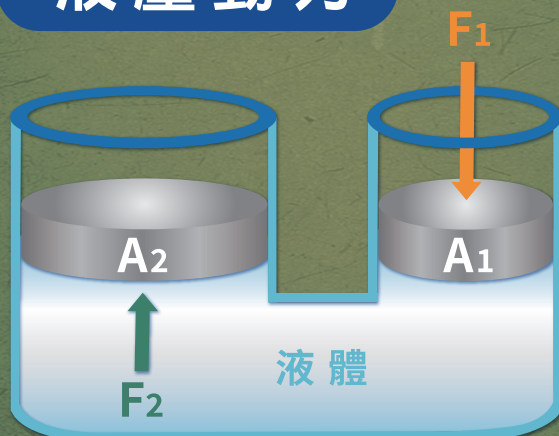
左手使用者夾爪模式無法順利旋轉。

The left-side gripper doesn't rotate smoothly.

解決方案 Solution:

- 1.確保C2 & C4 零件有正確上油。(第 9 頁步驟 22 & 步驟 24)
Make sure there was oil applied on C2 & C4. (Page 9, step 22 & step 24)
- 2.確保B15零件有正確上油。(第 6 頁步驟 9)
Make sure there was oil applied on B15 (Page 6, step 9)

水星射手的原理是 ——



兔寶的科學講堂

液壓動力利用帕斯卡原理，讓液體在密閉容器中，從某一部分加壓，此壓力會以同樣大小傳遞到液體各部份，藉此實現直線往復運動和回轉運動。

帕斯卡原理

施加在封閉且不可壓縮的流體中的壓力，會在整個流體的所有方向上均等地傳遞，即整個流體的壓力是恆定的。

公式：壓力 (P) = 力 (F) / 面積 (A)

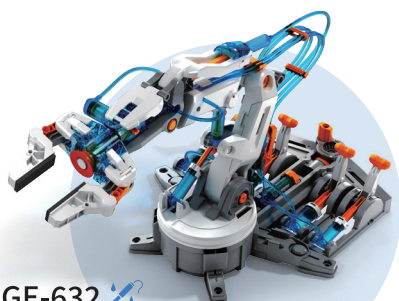
$$\frac{F_2}{A_2} = \frac{F_1}{A_1}$$

實際應用：

千斤頂、油壓煞車、針筒.....等



猜你也會喜歡 ——



GE-632

液壓機器手臂



GE-634

液壓機械手套



GE-638

拳擊寶貝

更多產品及服務 ——

✓ 補配件申請



✓ 售後客服



✓ 官方網站



水星 / 射手

WATER / BLASTER
TRANS / FORMER

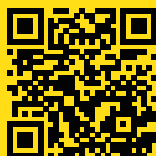
✦ 水槍機械手臂 ✦



Pro'sKit®

Professional Science Kits

寶工實業股份有限公司
PROKIT'S INDUSTRIES CO., LTD



新北市新店區民權路130巷7號5樓
5F, NO.7, LN. 130, MINQUAN RD., XINDIAN DIST.,
NEW TAIPEI CITY, TAIWAN Post code:231023

服務專線Tel:+886 2 2218 3233

www.proskit.com.tw

Email:pk@mail.prokits.com.tw

©2026 Prokit's Industries Co., LTD. All rights reserved.2026001