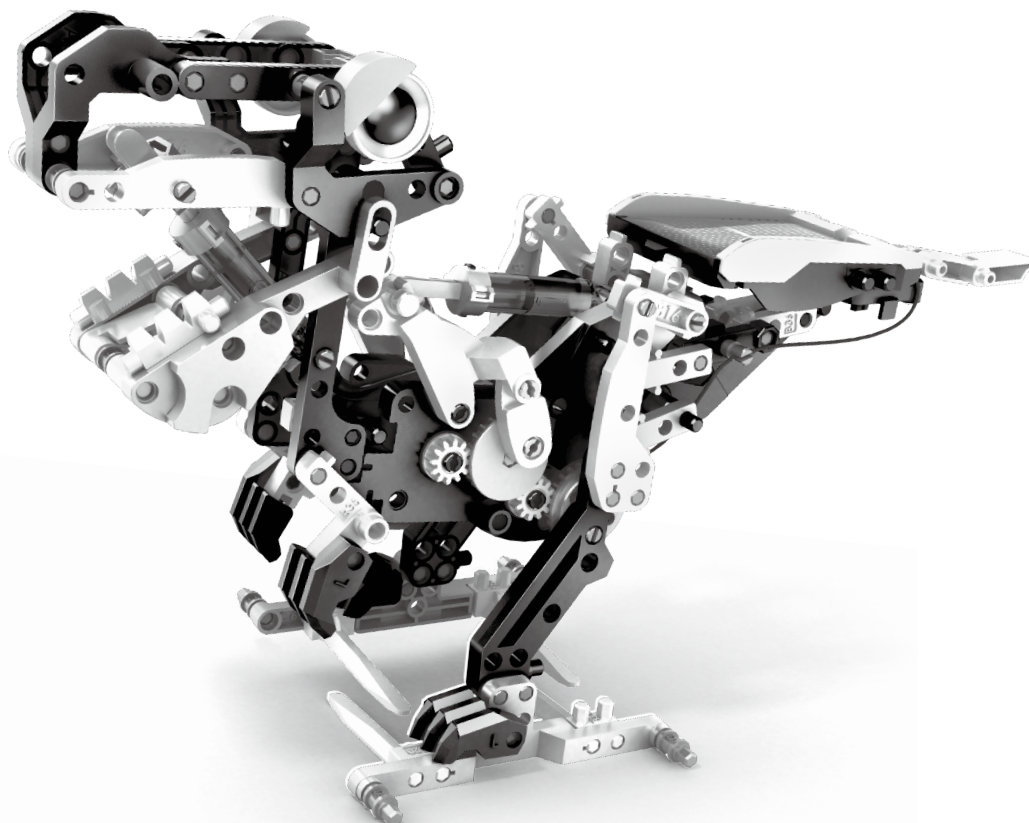


12 in 1 SOLAR & HYDRAULIC CONSTRUCTION Kit

12合1百戰天龍



Assembly & Instruction Manual

組裝說明手冊

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產品介紹 Product Introduction

12合1太陽能液壓動力百戰天龍結合太陽能動力與液壓動力設計而成，每一個設計都是仿生模型，逼真活潑。說明書中提供給您12種不同玩法，如攀爬猴子、張口的大鱷魚和霸王龍、正在行走的駝鳥、正瞪大眼睛用爪子攻擊的蝸子、大象、堆高機、馬車等多種變化。結合太陽能與液壓兩種力量，這群百戰天龍機器人可以活潑逗趣的動起來，給孩子們的更多互動趣味。12合1太陽能液壓動力百戰天龍只要太陽和水，無需電池就能啟動。透過模型的組裝成型及每一種生物的運動方式觀察，讓孩子更加認識大自然中動物的特徵，例如大象的長鼻和無齒翼龍的翅膀。動手做更可以培養孩子們的邏輯能力，透過功能的實現與觀察天龍們如何運作，領略到更多科學奧秘。

The solar and hydraulic powered robot can be transformed into twelve different animals and mechanic robots. Every model features multitude of functional and biomimicry movements and unique modeling. The user can change from climbing monkey>mouth opening crocodile and T-Rex->running ostrich>claws attacking scorpion>zigzagging buggy and more. Combining these two power, these adorable robots can move easily and also provide great interaction with kids. 12 In 1 solar hydraulic powered robot is designed to have children learn the benefit of alternative energy and basic concept of these technologies. This product is powered by the sun and water, there are no batteries required. The robot can move in direct sunlight and allows children to play with it outdoors and also encourage them to explore the world.

The modeling and the movement of the models are referred to natural animals which include its most obvious characteristic such as elephant's trunk and pteranodon's wing. While the children are playing with them, they can realize the function of these characteristic and observe how they work. For more, the children can use their own infinite imagination to create a brand new species.



警告 Warning

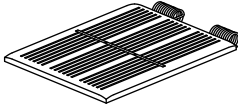
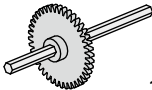
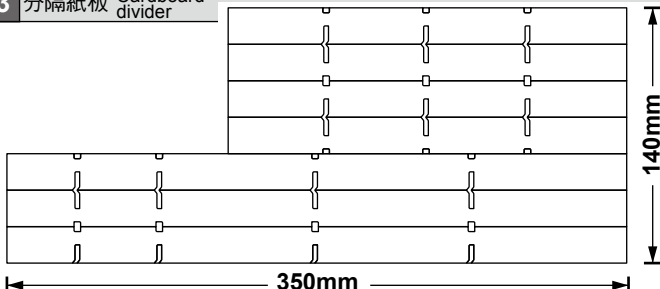
- 1.本玩具內含小物件，請勿讓三歲以下孩童取得，以免放入口中造成窒息。
Choking hazard - Small parts. Not for children under 3 years.
- 2.兒童使用剪切工具時，請家長指導使用方式，並請在家長監督下使用，以免發生意外。
Adult supervision is recommended when children use scissors.
- 3.為避免嬰兒或兒童產生窒息的危險，請於拆卸後立即將塑膠袋銷毀或遠離嬰兒及兒童。
To avoid danger of suffocation, keep the plastic bag away from babies and children.

自備工具 Tools You May Need



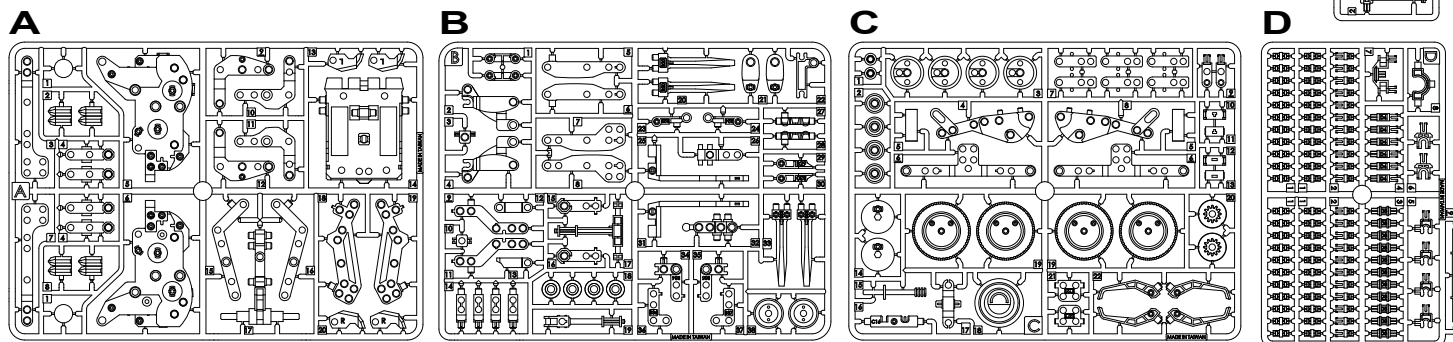
零件清單 Mechanical Parts List

部分零件含有銳利的邊緣及尖角
Product contains functional edges and sharp points.

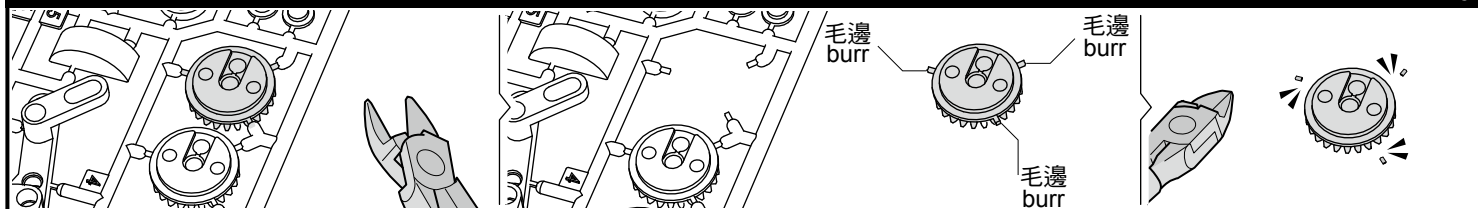
P1馬達端子組 Motor With Connectors		P2太陽能板彈簧端子組 Solar Panel With Springs		P3軟管(15cm) Soft Tube (15cm)	
 請勿將電線連接到其他電源或牆上插座 Don't connect the wires to the mains.  1 pc		 1 pc		 1 pc	
P4小齒輪(黃色) Pinion Gear(yellow)	P5六角軸齒輪組 Gear With Shaft	P6齒輪(紅色) Gear(Red)	P7齒輪(綠色) Gear(Green)	P8自攻螺絲 Tapping Screw	P9泡棉 Sponge
 1 pc	 1 pc	 1 pc	 2 pc	 2 pc	 2 pc
P10圓軸 Round Shaft	P11棉繩 Rope	P12活塞帽(紅色) Cap(Red)	P13分隔紙板 Cardboard divider		
 1 pc	 1 pc	 2 pc			
P14	液壓油包 Oil Bag				
	 安裝軟管時請勿碰觸到油 Do not touch the oil while fitting the soft tube.				
	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，以免組裝時造成零件混淆
Cut the plastic parts when they are required. Do not cut them in advance.

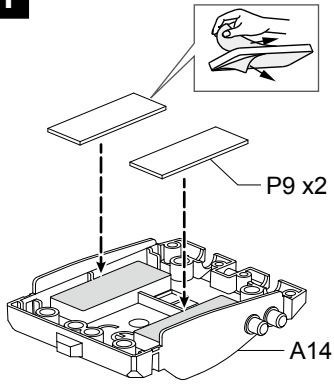


小技巧提醒: 請將毛邊剪切乾淨，以免產生間隙導致運作不良 Tip: cut off the burrs before assembly

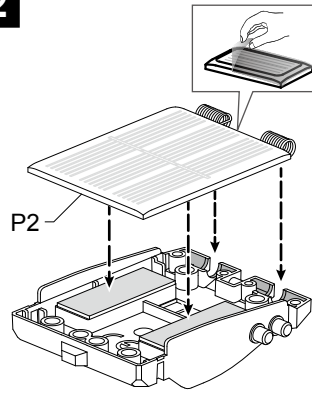


太陽能板模組組裝 Solar Module Assembly

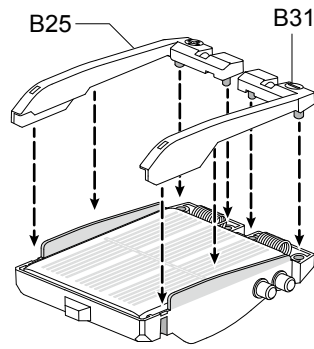
1



2



3



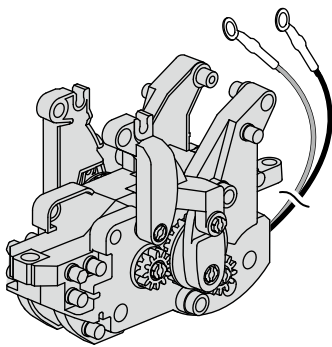
太陽能板模組
Solar Module

咔嚓Click

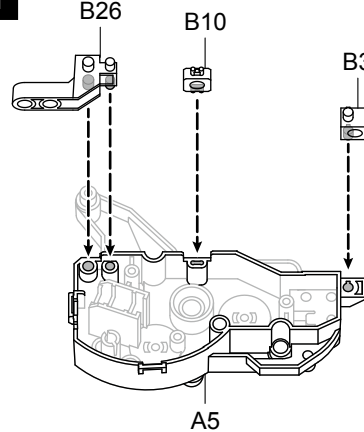
咔嚓Click

齒輪箱組裝 Gear Box Assembly

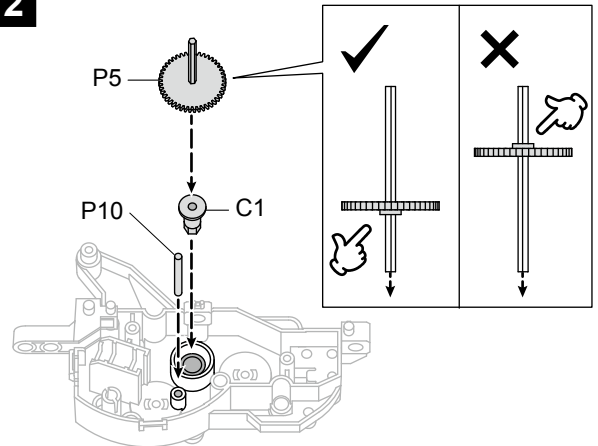
成品展示
Finished Product



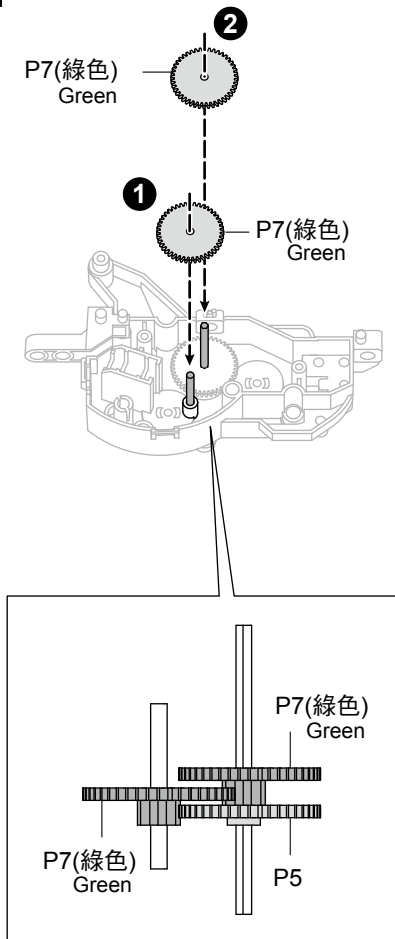
1



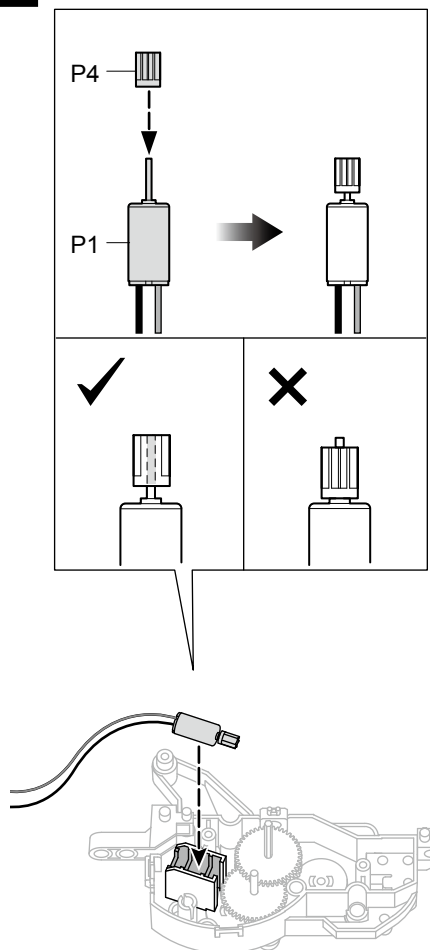
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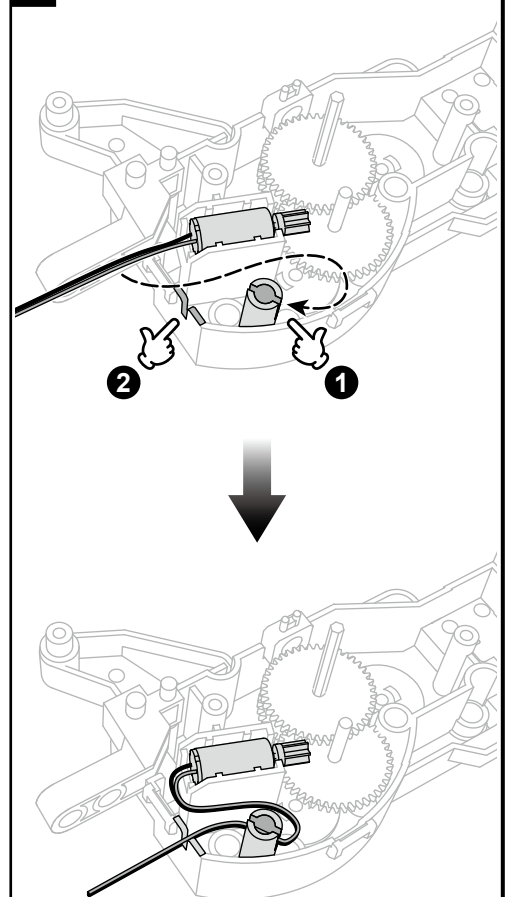
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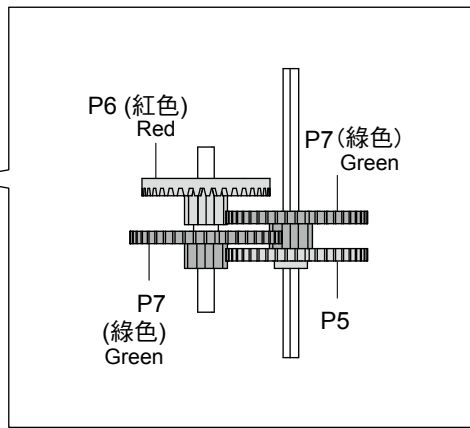
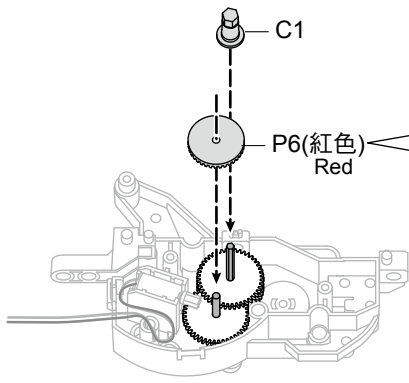
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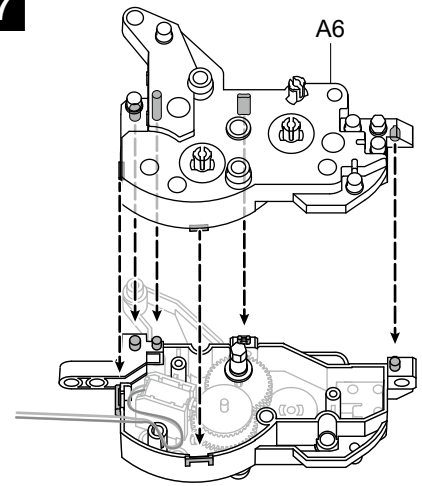
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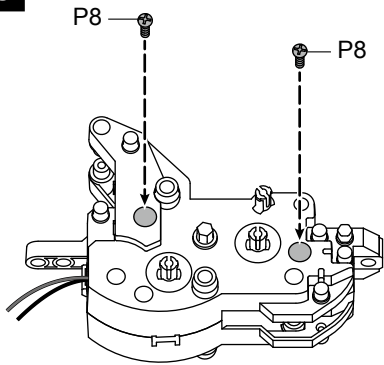
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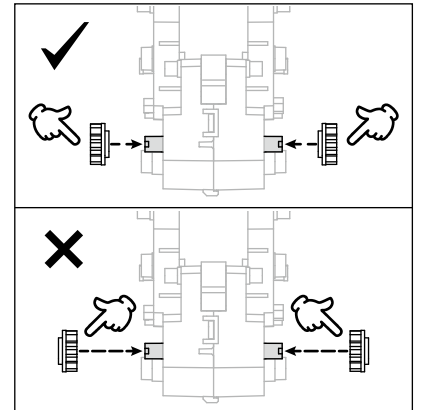
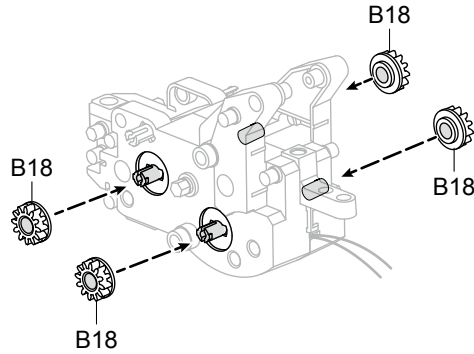
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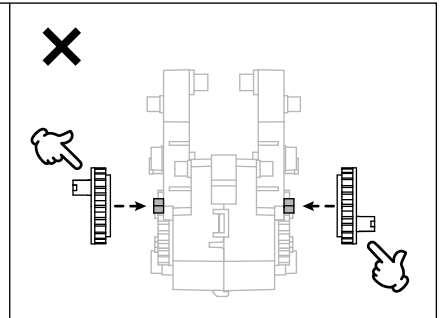
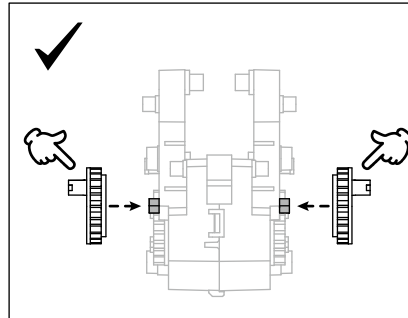
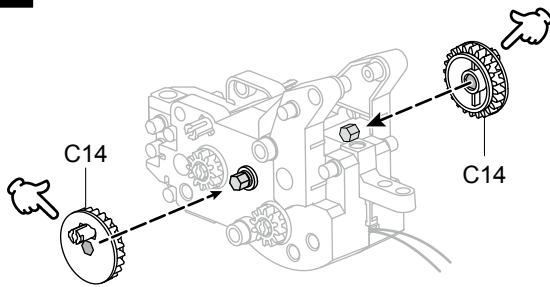
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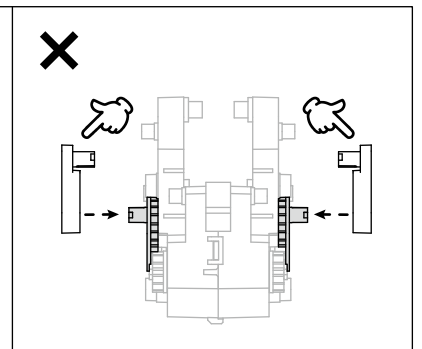
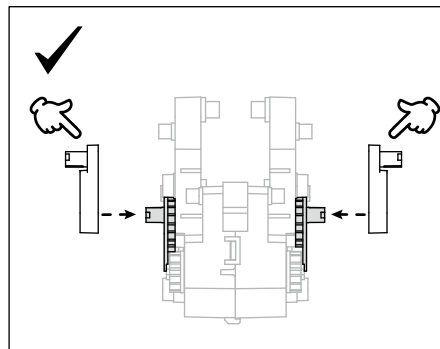
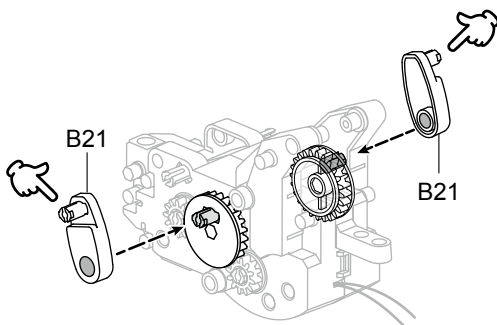
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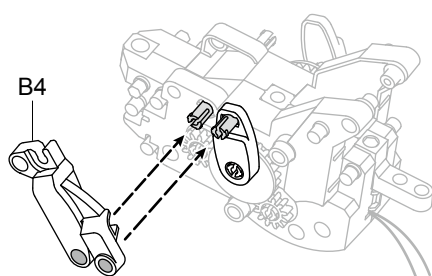
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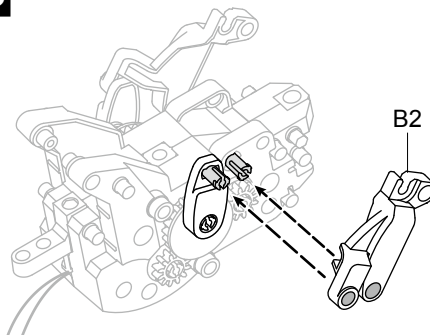
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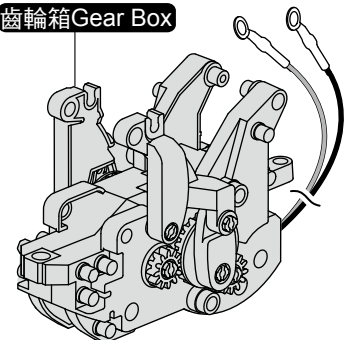
12



13

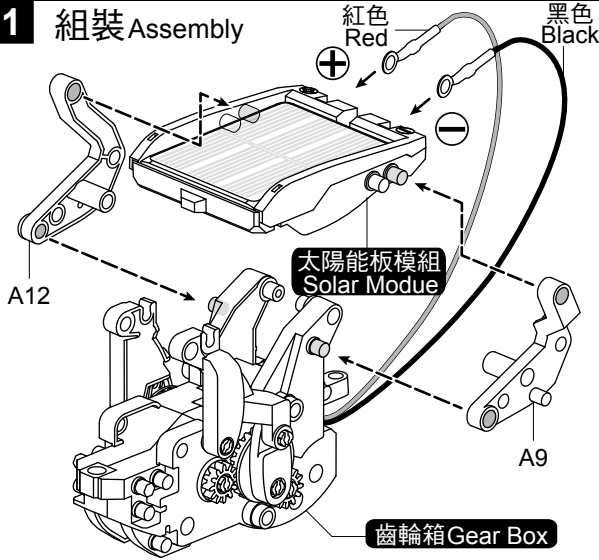


齒輪箱 Gear Box

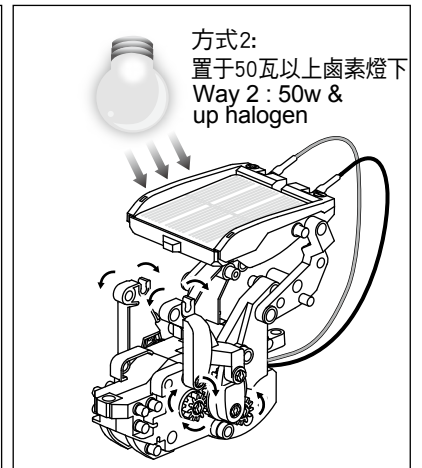
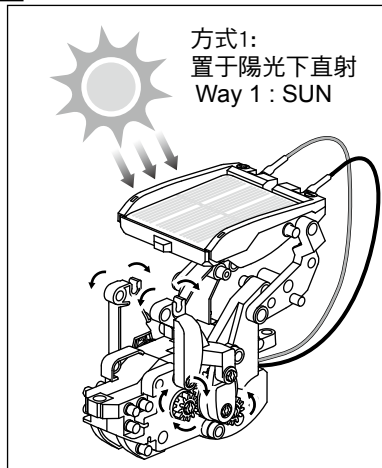


齒輪箱測試 Gear Box Testing

1 組裝 Assembly

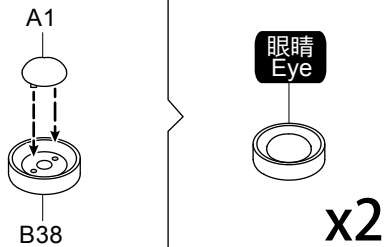


2 測試 Testing

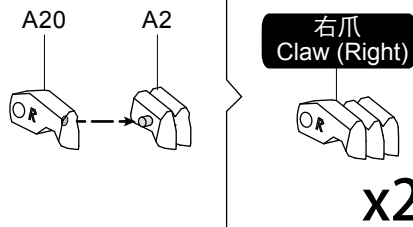


如齒輪箱無法運作順暢，請參照第2-3頁重新組裝
If gearbox doesnot work functionally, back to Page 2-3 for re-assembly

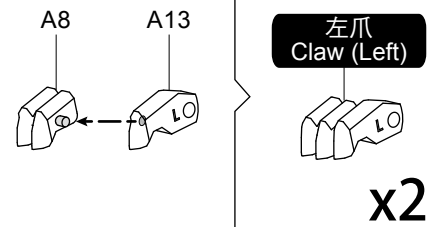
眼睛組裝 Eye Assembly



右爪組裝 Claw (Right) Assembly

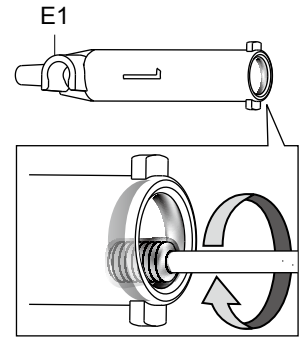
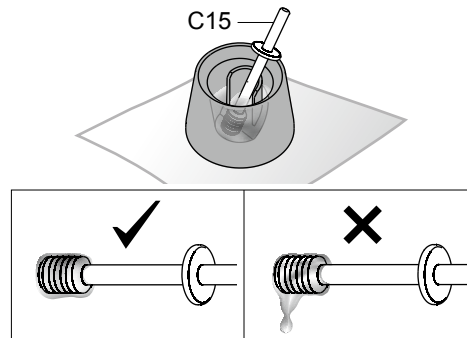
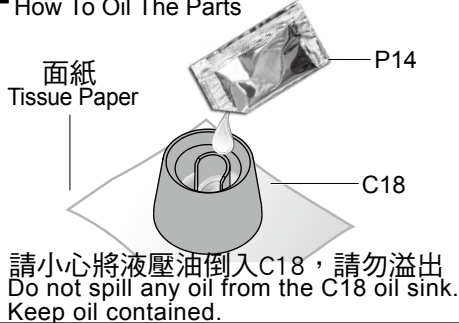


左爪組裝 Claw (Left) Assembly

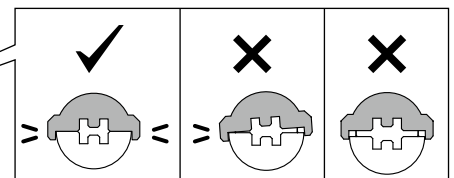
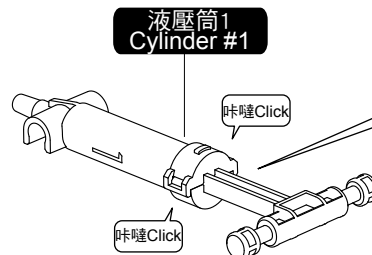
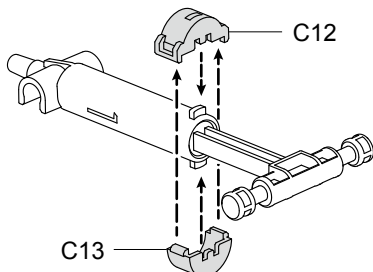
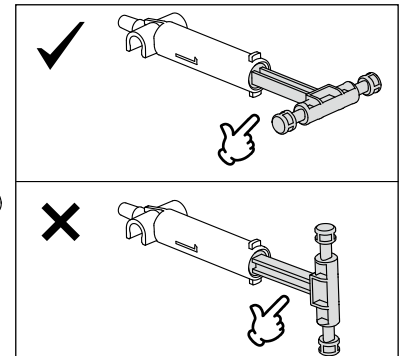
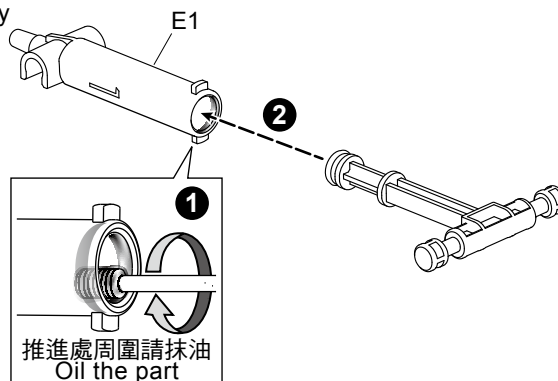
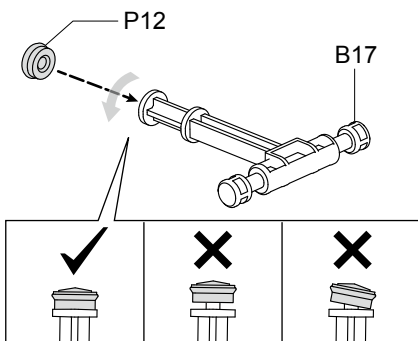


液壓模組組裝 Hydraulic Module Assembly

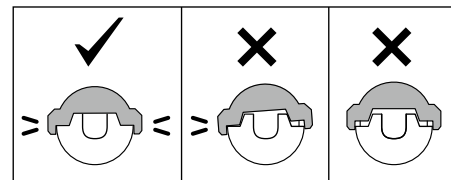
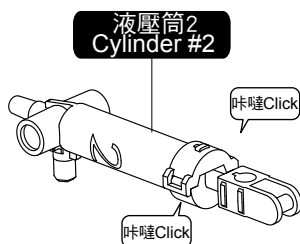
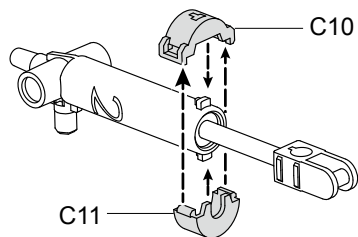
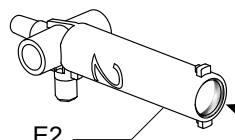
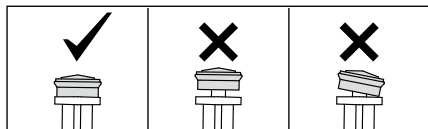
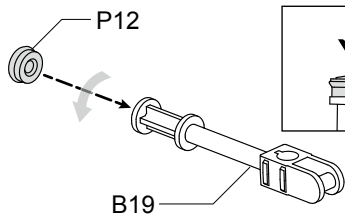
1 液壓油使用說明 How To Oil The Parts



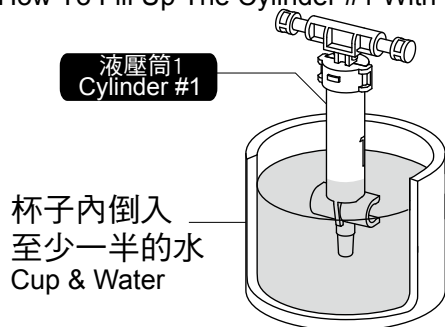
2 液壓筒1組裝 Cylinder #1 Assembly



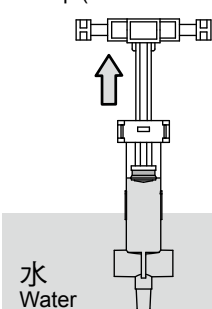
3 液壓筒2組裝 Cylinder #2 Assembly



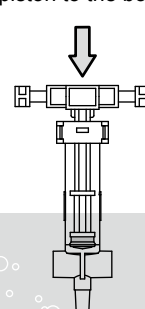
4 液壓筒#1 填充說明 How To Fill Up The Cylinder #1 With Water



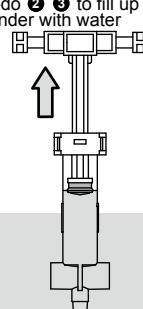
① 將活塞拉到上方
Pull up the piston to the top (as shown below).



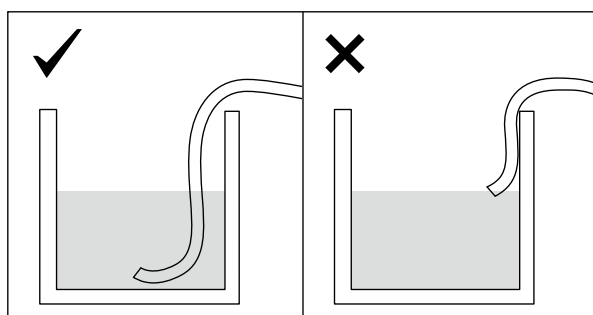
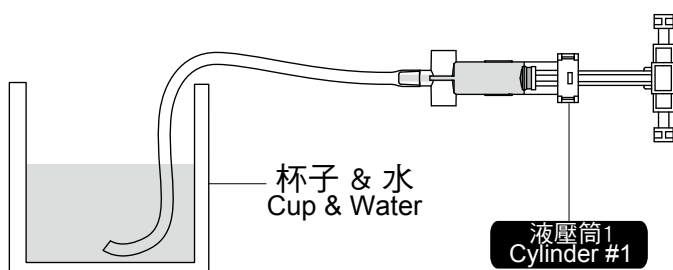
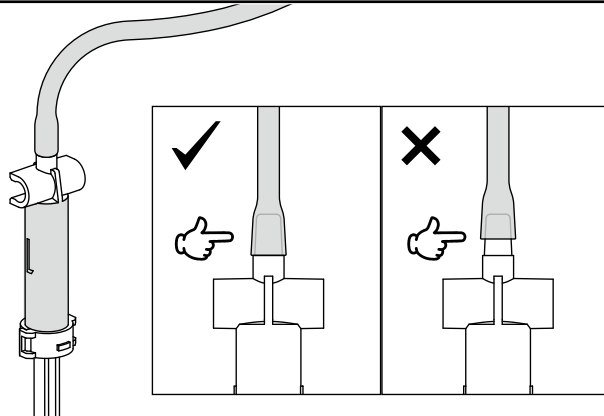
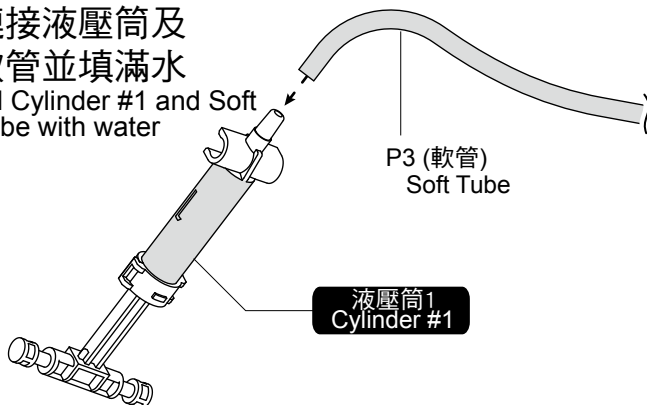
② 將活塞壓到底部
Press down the piston to the bottom.



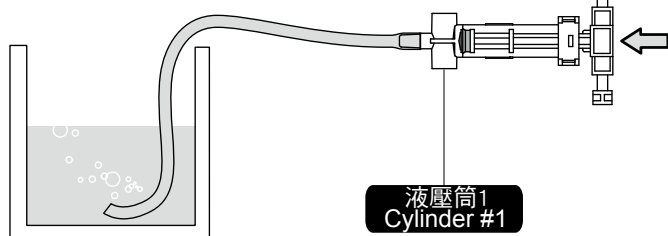
③ 重複②③步驟將液壓筒裝滿水
Re-do ② ③ to fill up the cylinder with water



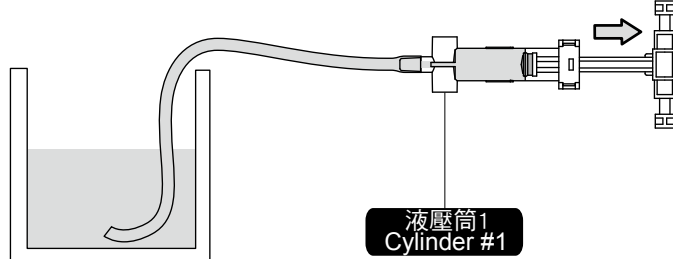
5 連接液壓筒及軟管並填滿水 Fill Cylinder #1 and Soft Tube with water



將活塞壓到底部
Push to the end



將活塞拉到上方
Pull up entirely



6 將液壓筒2裝滿水 Fill Up The Cylinder #2 With Water

液壓筒2
Cylinder #2

水
Water

7 液壓模組Hydraulic module

液壓筒2
Cylinder #2

液壓筒1
Cylinder #1

✓

✗

液壓模組測試 Hydraulic Module Testing

液壓筒1 Cylinder #1

液壓筒2 Cylinder #2

將活塞壓到底部
Push to the end

P3 (軟管)
Soft Tube

液壓筒1 Cylinder #1

液壓筒2 Cylinder #2

將活塞壓到底部
Push to the end

水量過少
insufficient water

空氣過多
excess air

如液壓模組測試出現以上問題，請參照第5-6頁的步驟4-7將水注滿液壓筒
If hydraulic module experiences above failures, back to page 5-6, step 4-7 and fill up the cylinder with water

重要注意事項 Notices!! Very important - Hydraulic Module

注意1: 請確認於組裝每個模型前，液壓模組皆已測試無誤
Notice 1: Ensure Hydraulic Module is without above failures before assembly of each model

注意2: 當液壓模組已經安裝完成後，請勿於組裝每個模型時拉、推液壓筒2
Notice 2: During assembly of each model, Do not Push or pull Cylinder #2 when hydraulic module is installed

以機械鴛鴦為例:
Example Ostrich

液壓筒2
Cylinder #2

液壓筒1
Cylinder #1

✗

拉
Pull

空氣過多
excess air

✗

壓
Push

水溢出
water leakage

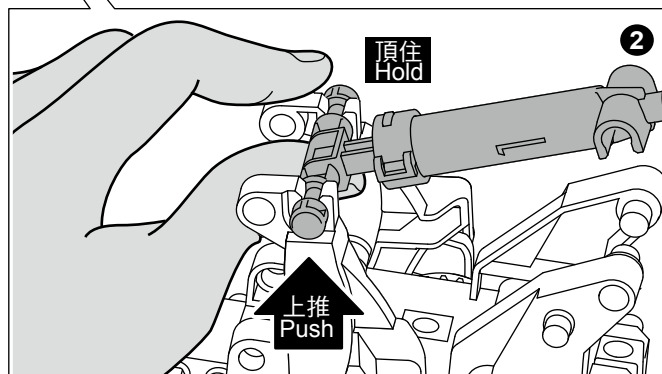
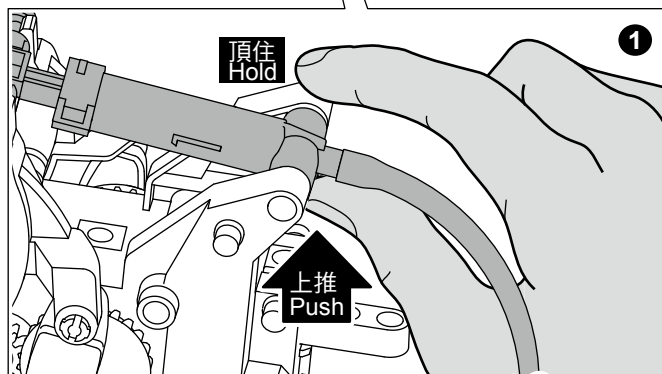
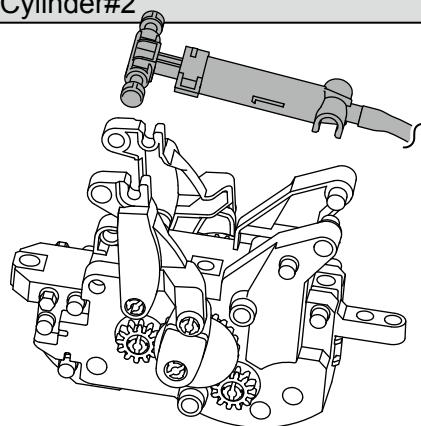
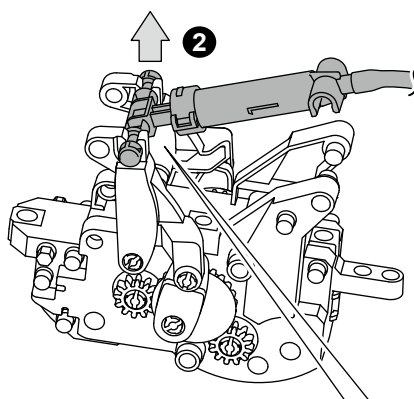
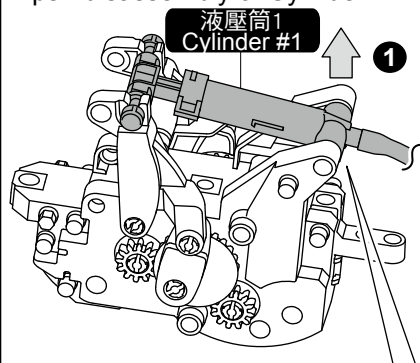
如發生以上狀況，請參照第5-6頁的步驟4-7將水注滿液壓筒
 In these cases, back to page 5-6, step 4-7 and fill up the cylinder with water

注意3：為確保拆裝過程順暢，請先將液壓筒1取下後，再取下液壓筒2

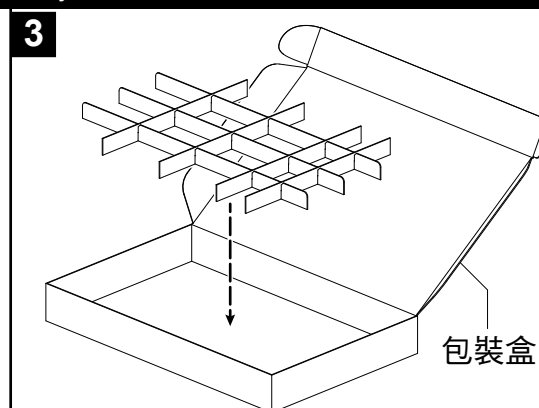
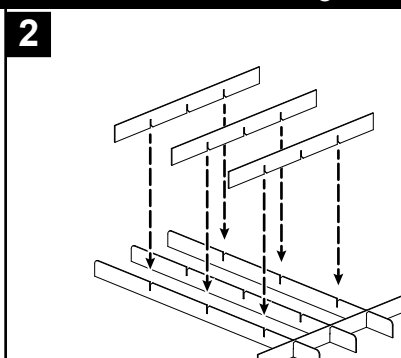
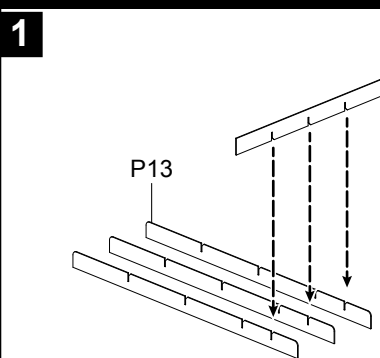
Notice 3 : To smooth the disassembly steps, take down Cylinder #1 first, then Cylinder#2

液壓筒1取下技巧

Tips - disassembly of Cylinder #1

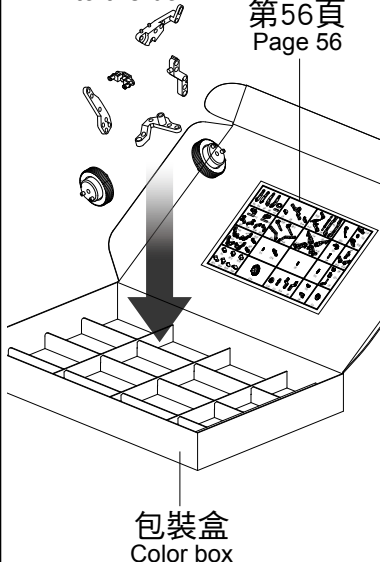


收納盒組裝 Storage box assembly



4 參考右邊圖示將零件分類與收納
Sorting & Storing parts
(as per the right illustration)
into the box.

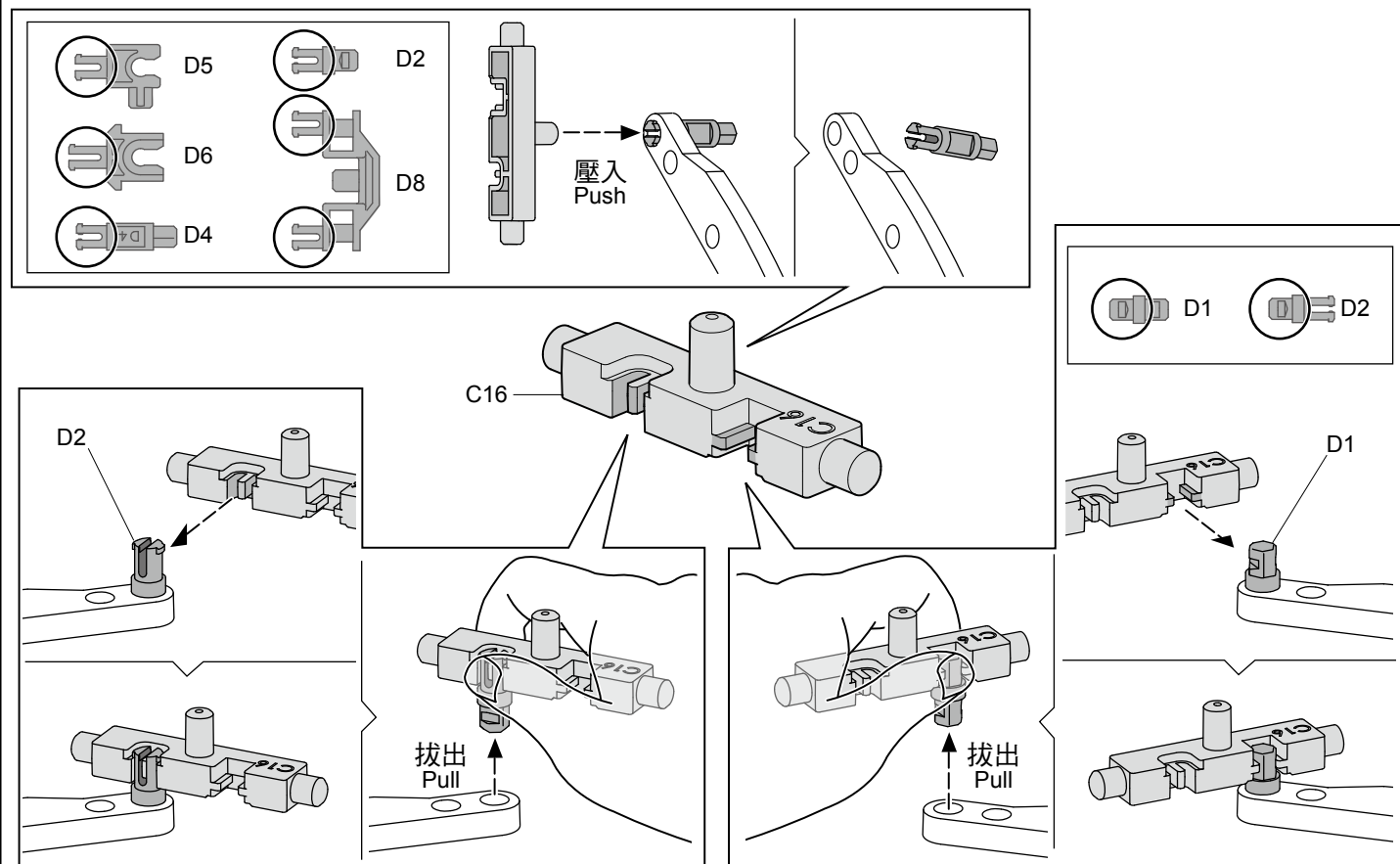
第56頁
Page 56



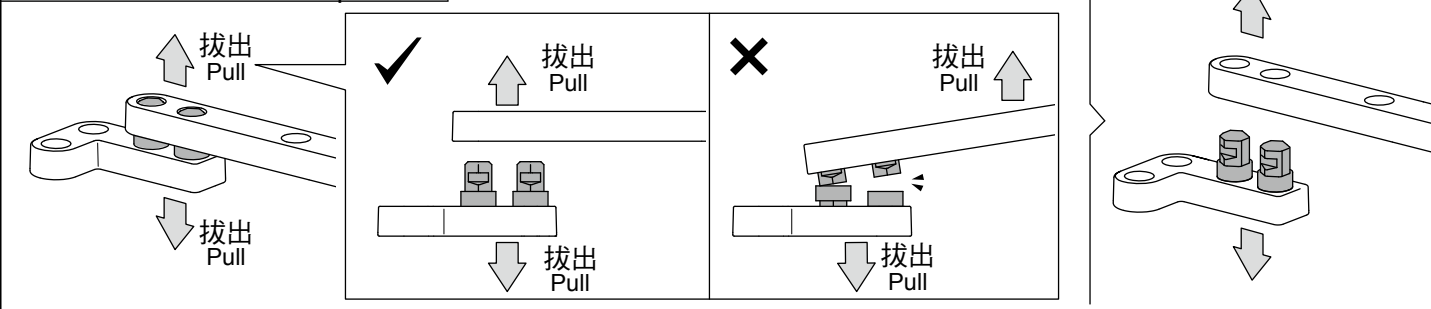
 B5 B6 B7 B8 Eye x2	 C5 x2 C6 x2 B14 x4	 B22 A3 A7 A17 D9	 D7 C17 C2 x4 B32
 Claw (R) x2 Claw (L) x2 B35 B34 B36 B37	 B20 x2 B33 x2 A15 A16	 D2 x22	 A4 x4 B16 B15
 A10 A11 B27 A9 A12 B28	 D1 x44 C16	 C4 C8 A18 A19	 D6 x2 C21 x2 C9 x2
 B1 x2 B12 B13 B23 B24 B29 B30	 C19 x4	 C20 x2 C7 x6 B11 B9	 D5 x4 D8 C3 x4

塑膠零件拆卸方式 Tips: Plastic parts Disassembly

1. 請使用輔助工具C16進行拆卸 How to use C16- assistance tool

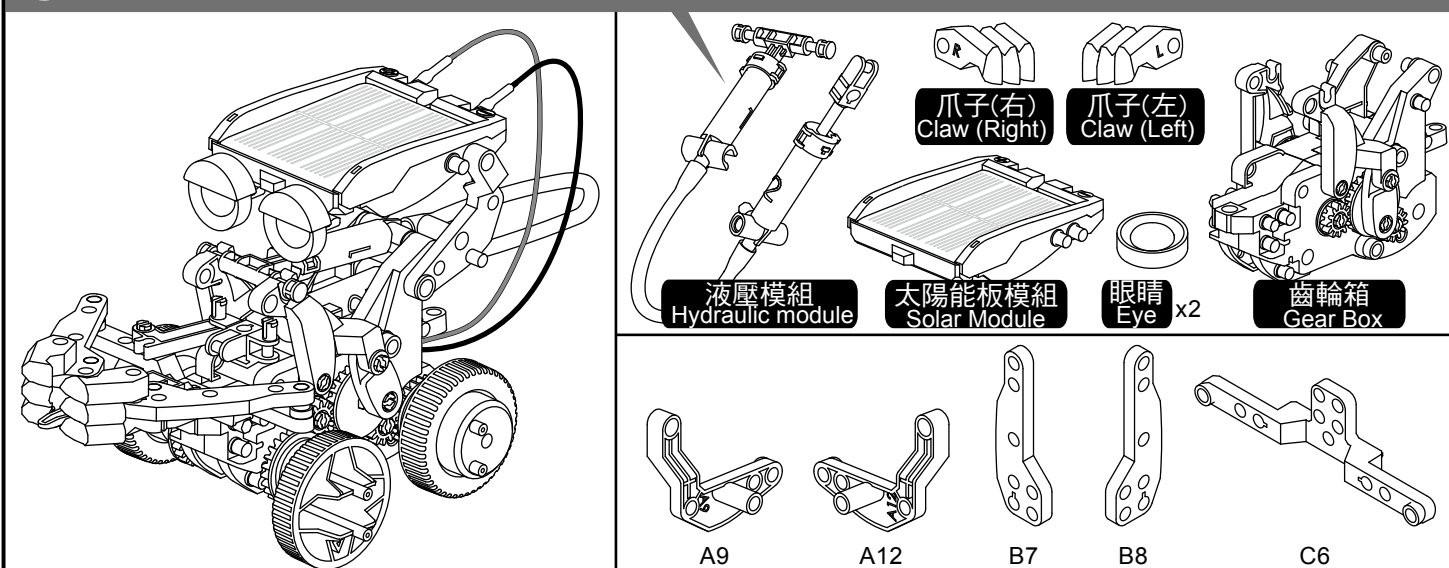


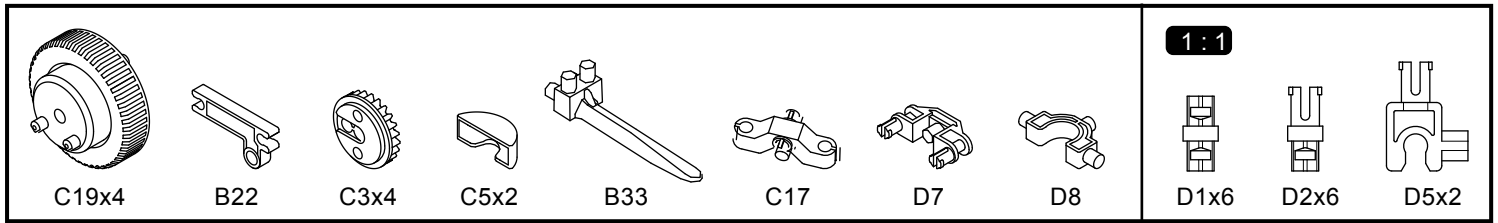
2. 上下平均施力拔開零件 Pull and Release the parts



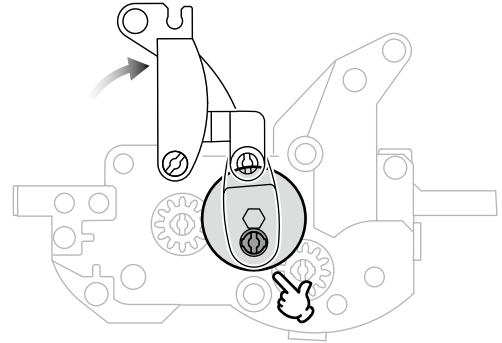
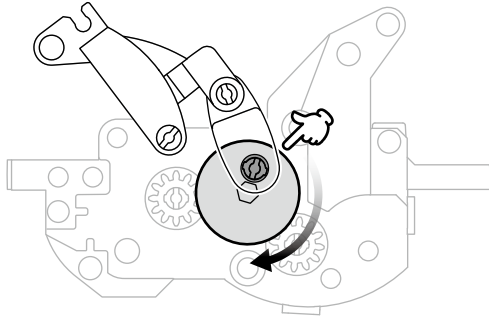
01. 排障機器人 Obstacle avoiding Rover Assembly

請於組裝前確認液壓筒中的空氣狀況並適時加水 Before assembly check the air condition in the cylinder and add water if necessary

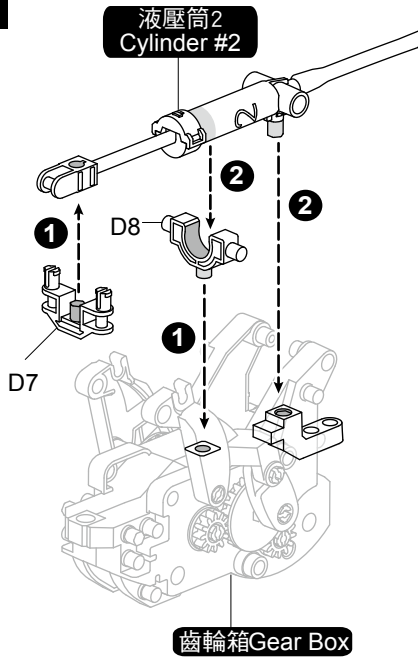




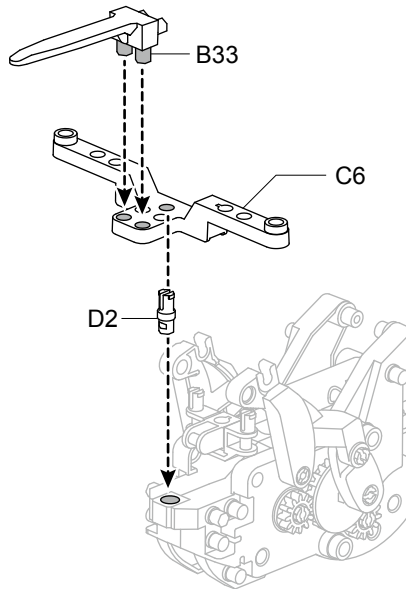
1 請於組裝前將凸輪調整到以下指示位置
Adjust the cam (as below fig) before assembly.



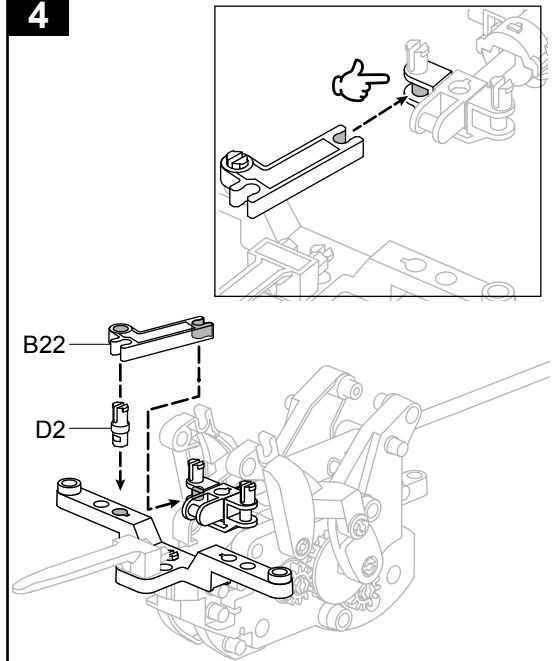
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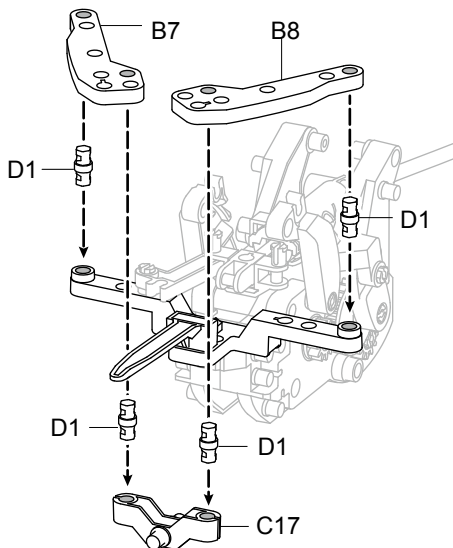
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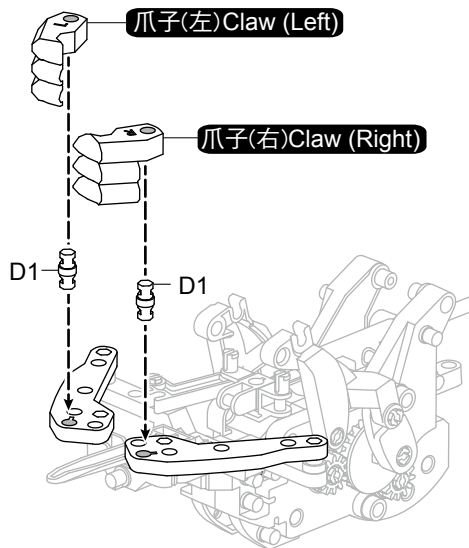
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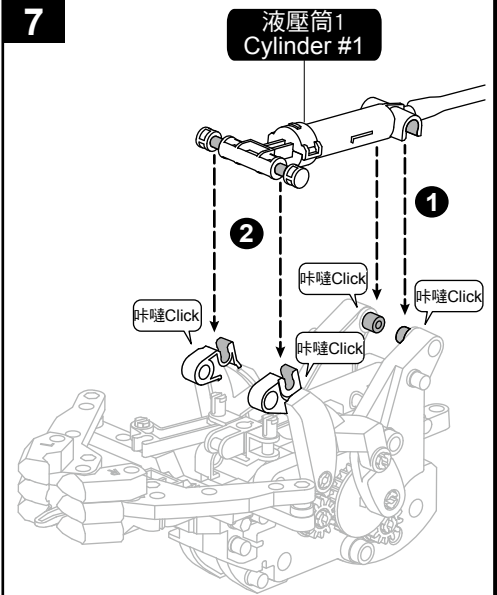
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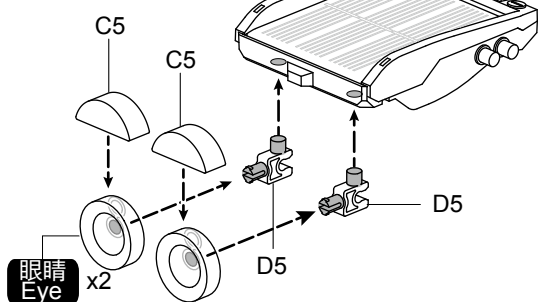
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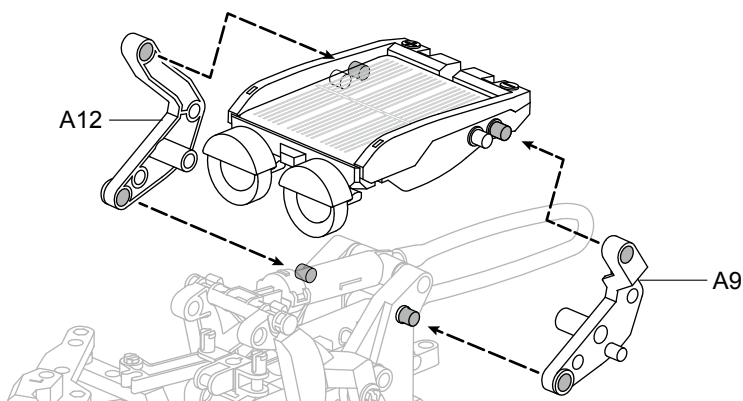
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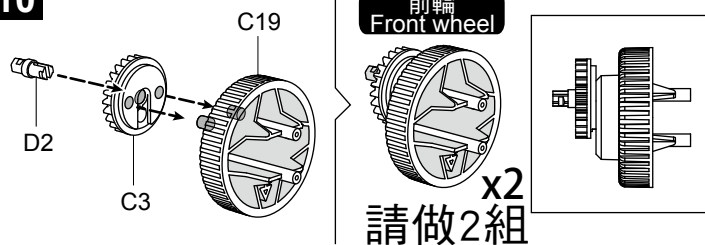
8

太陽能板模組
Solar Module

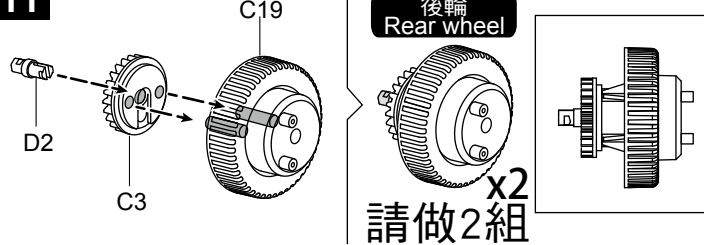
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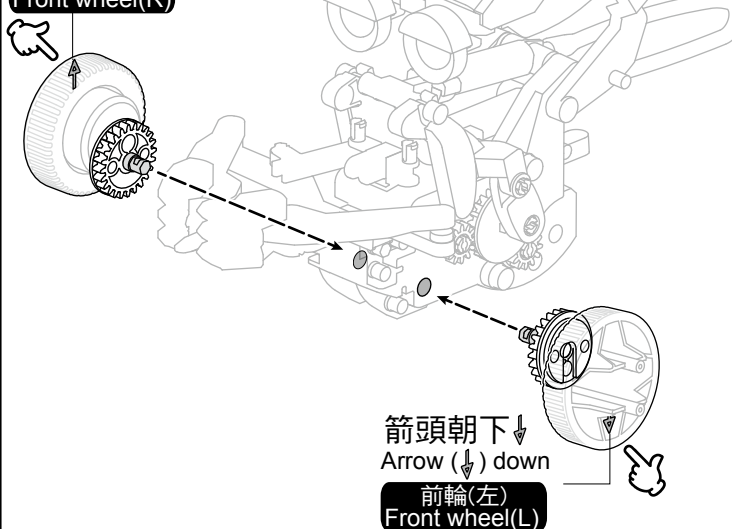
10

前輪
Front wheel

11

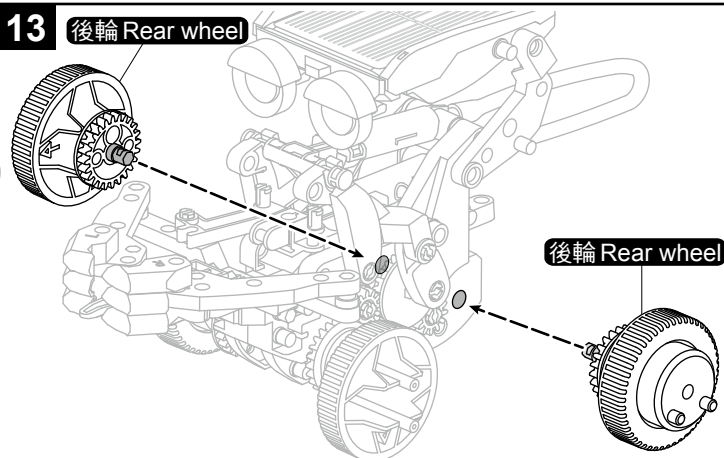
後輪
Rear wheel

12

箭頭朝上↑
Arrow (↑) up前輪(右)
Front wheel(R)

13

後輪 Rear wheel

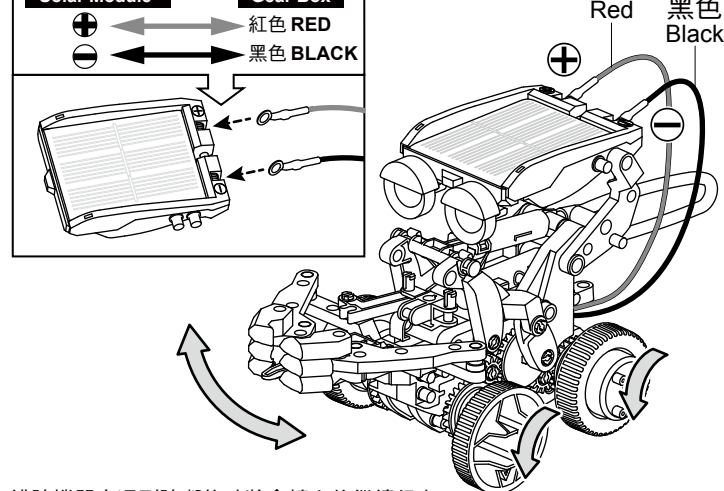


14

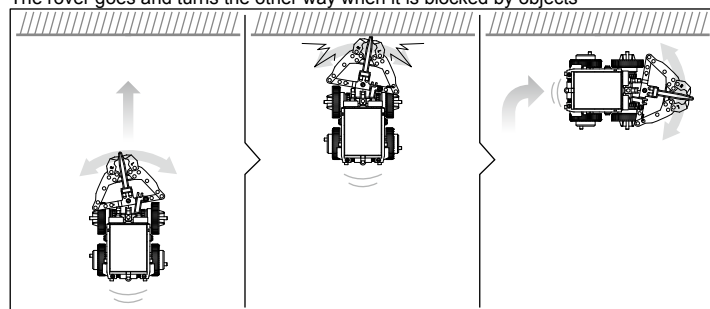
太陽能板模組
Solar Module齒輪箱
Gear Box

紅色 RED
黑色 BLACK

紅色 Red
黑色 Black

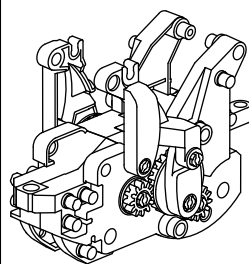
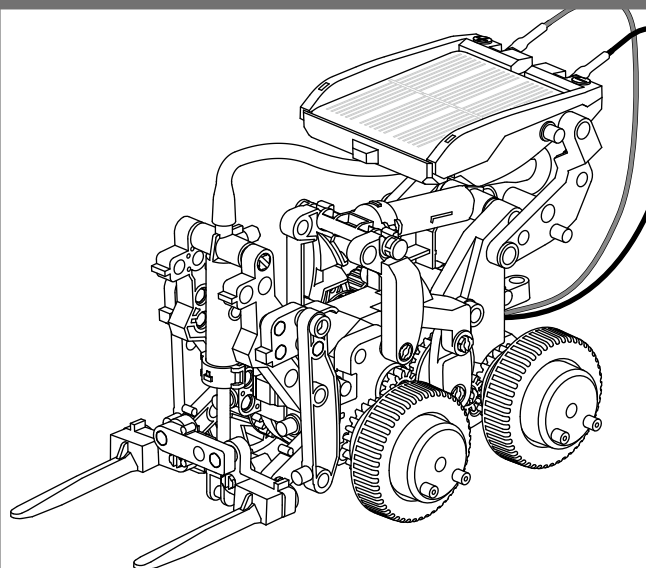


排障機器人遇到障礙物時將會轉向後繼續行走
The rover goes and turns the other way when it is blocked by objects

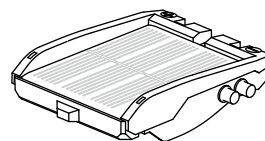


02. 堆高機 Forklift Assembly

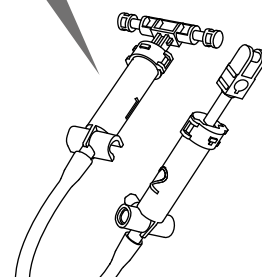
☞ 請於組裝前確認液壓筒中的空氣狀況並適時加水 Before assembly check the air condition in the cylinder and add water if necessary



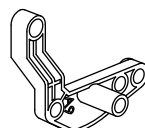
齒輪箱
Gear Box



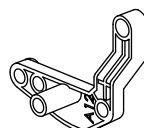
太陽能板模組
Solar Module



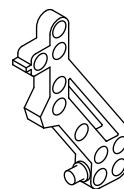
液壓模組
Hydraulic module



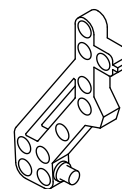
A9



A12



A18



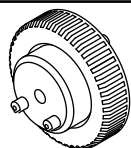
A19



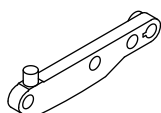
B36



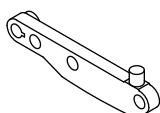
B37



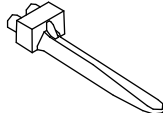
C19x4



B5



B6



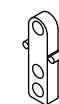
B20x2



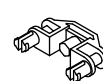
C21x2



C3x4



C7x3



D7

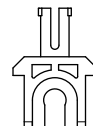
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D1x10

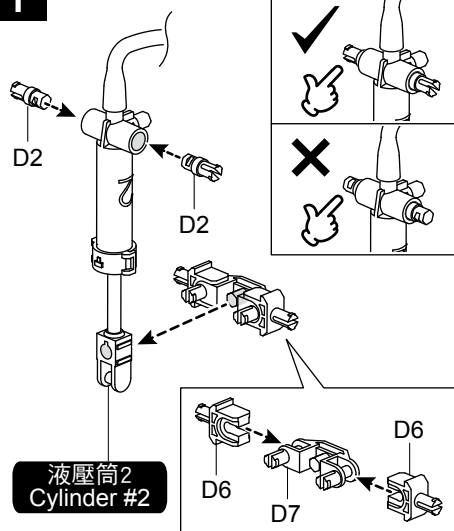


D2x8

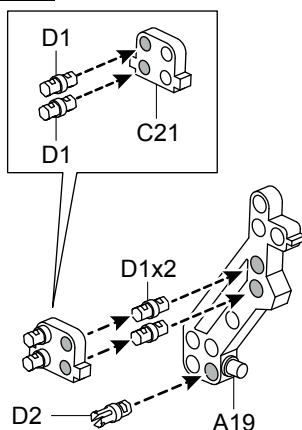


D6x2

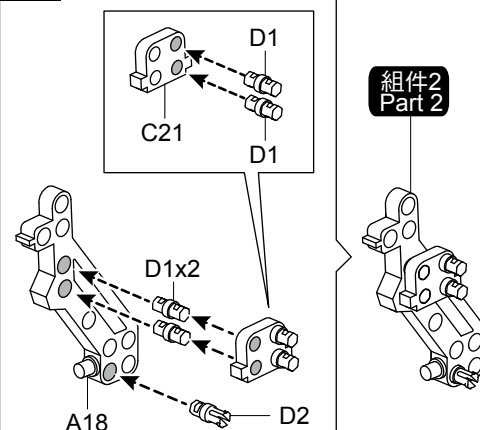
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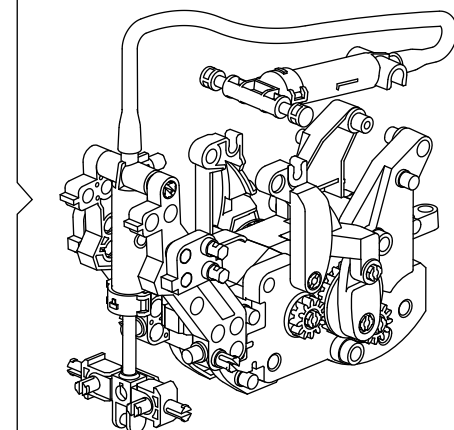
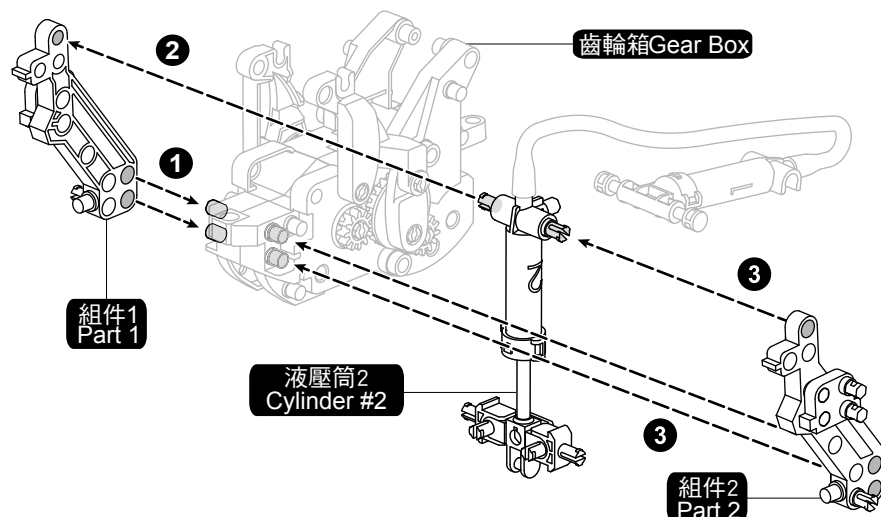
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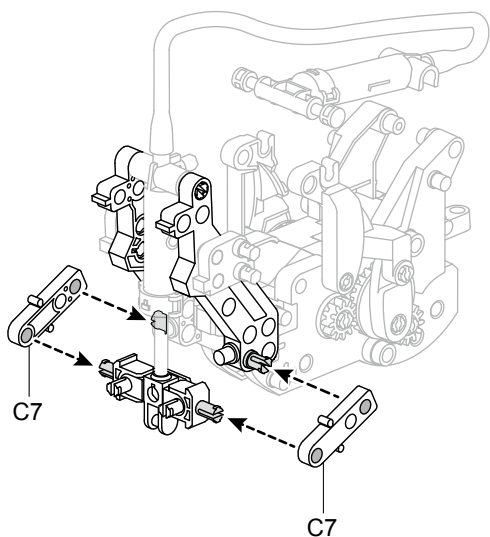
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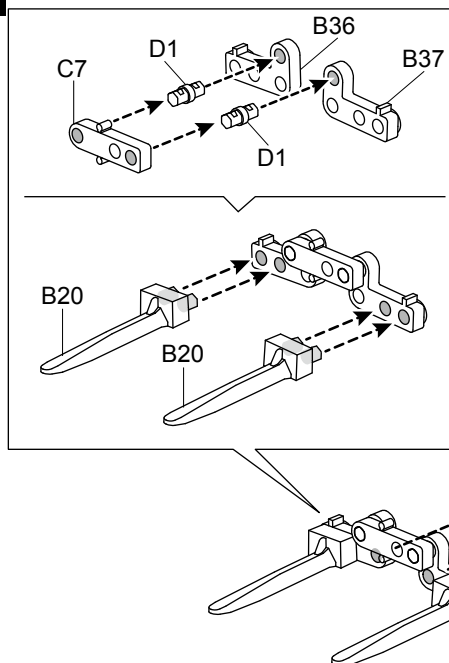
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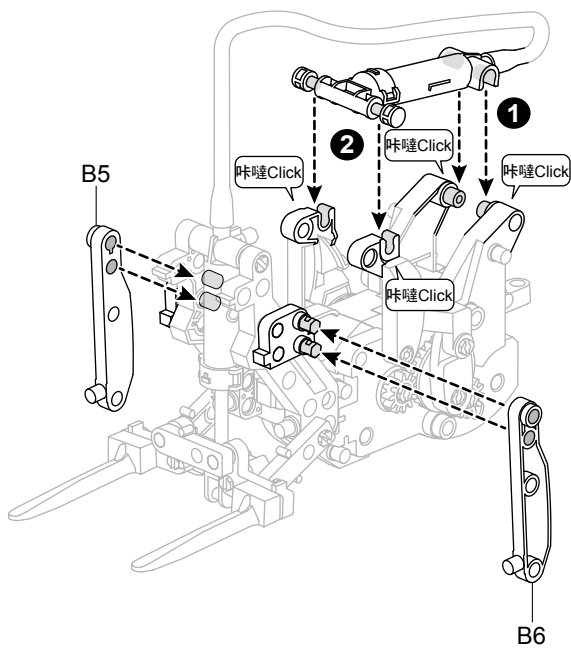
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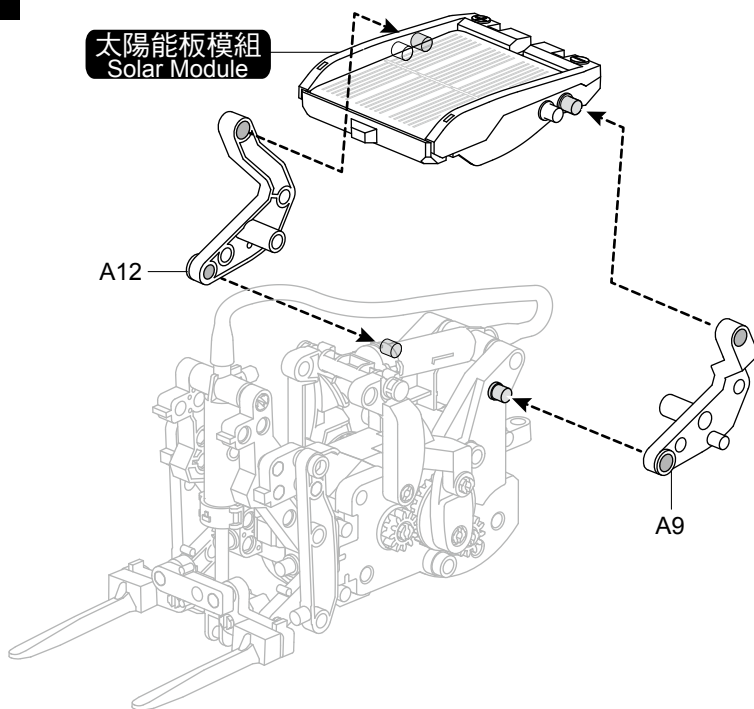
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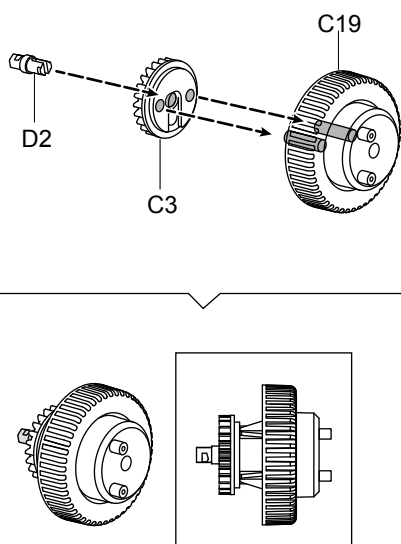
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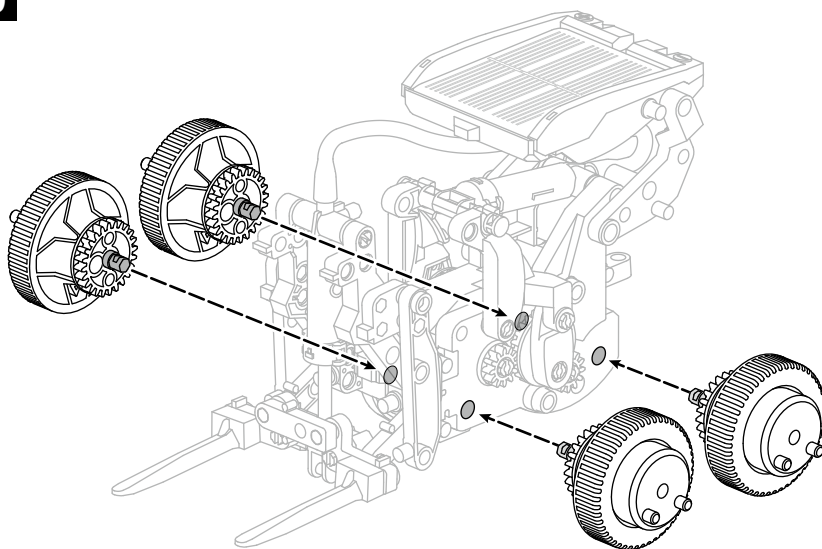
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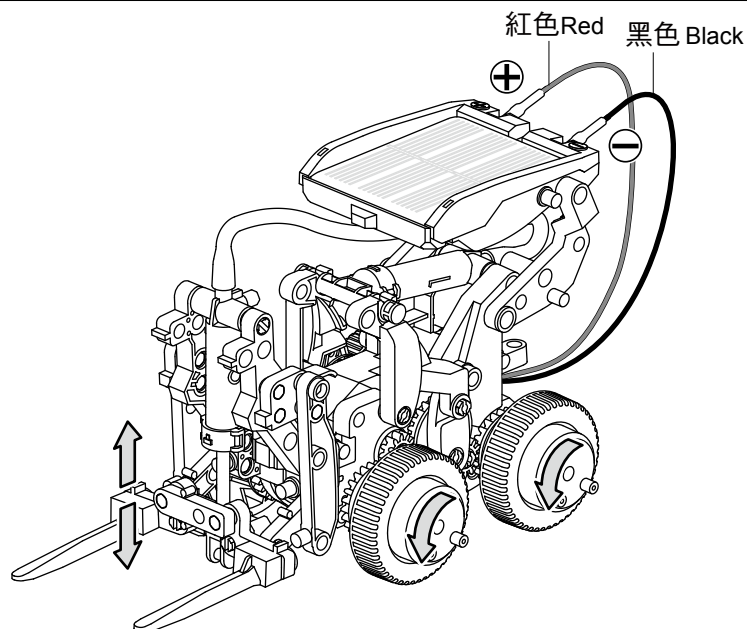
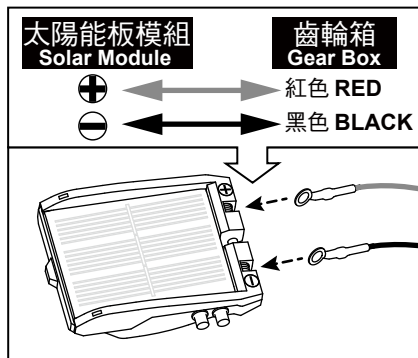
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10

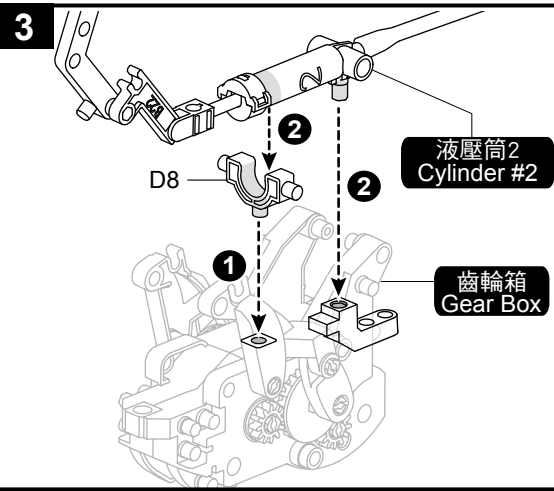
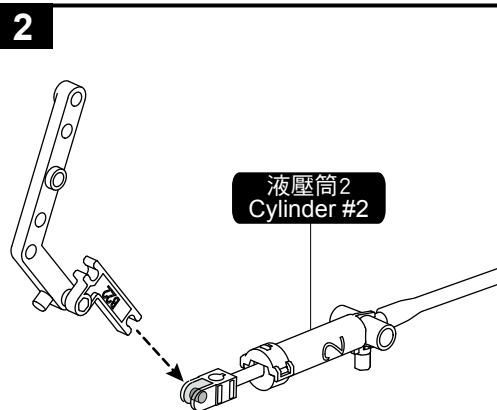
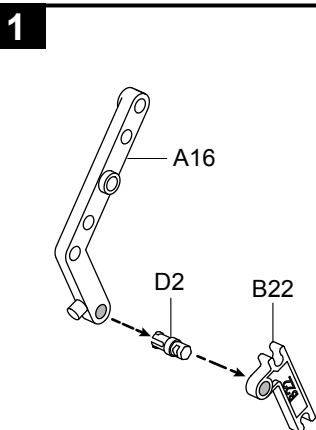
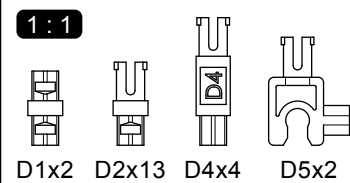
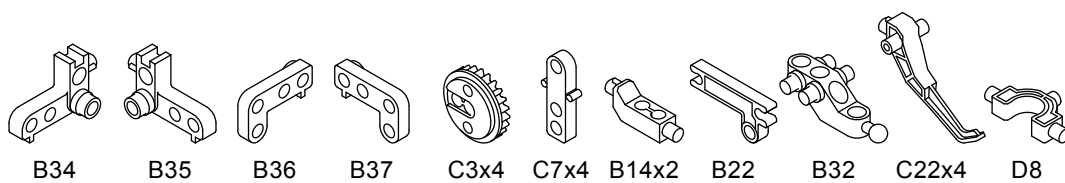
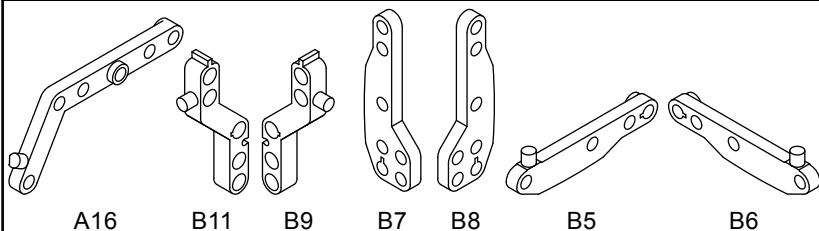
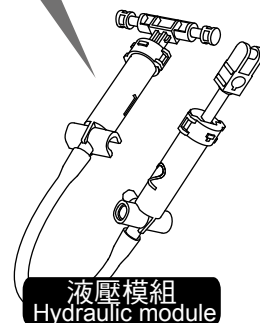
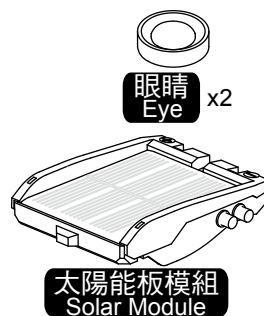
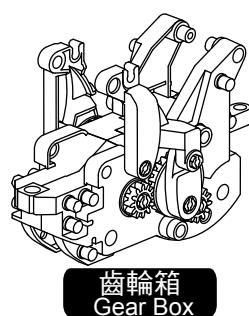
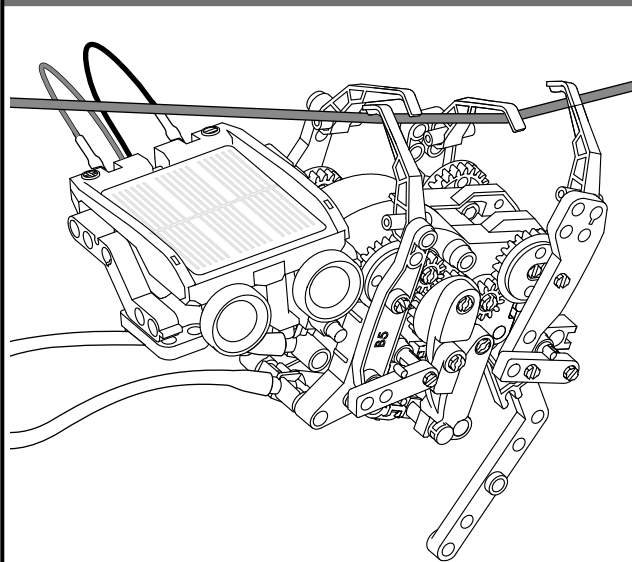


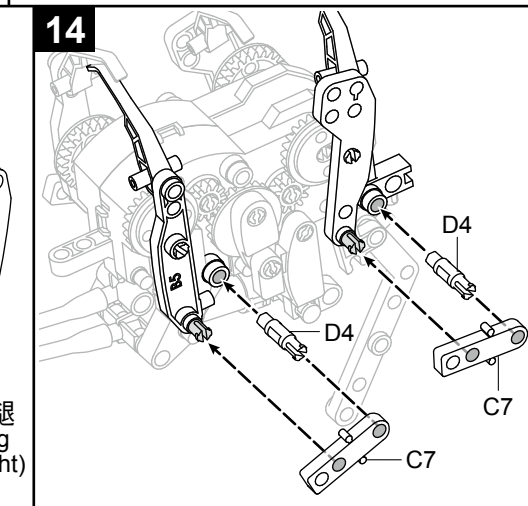
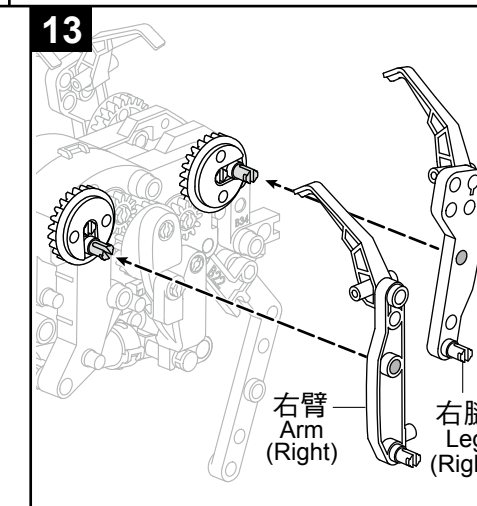
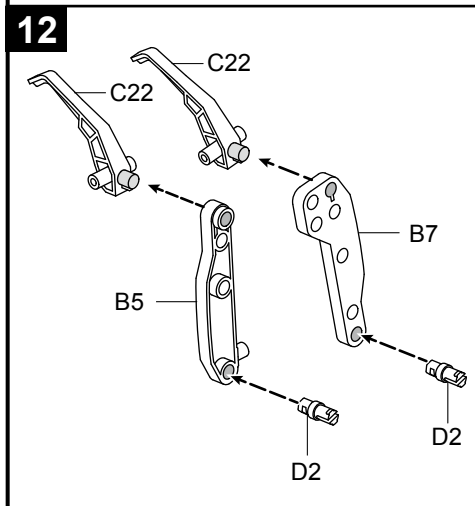
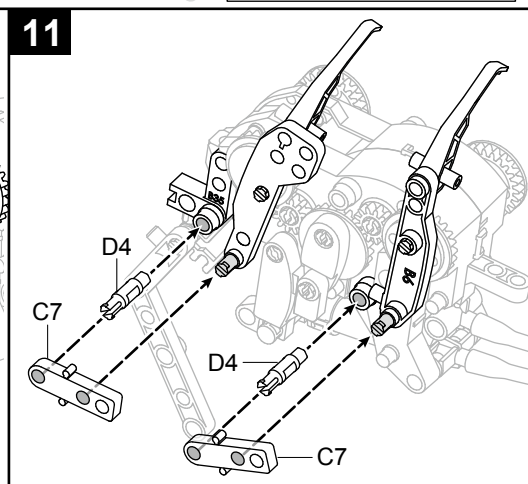
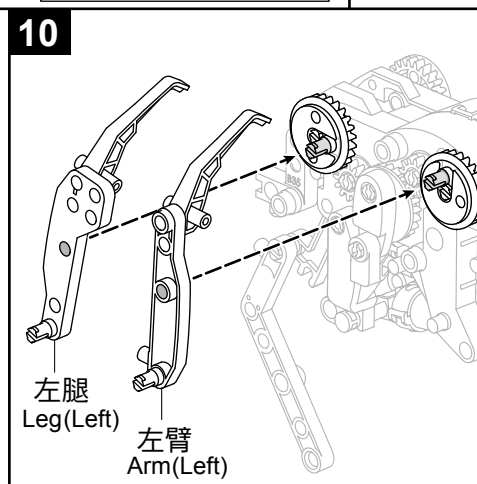
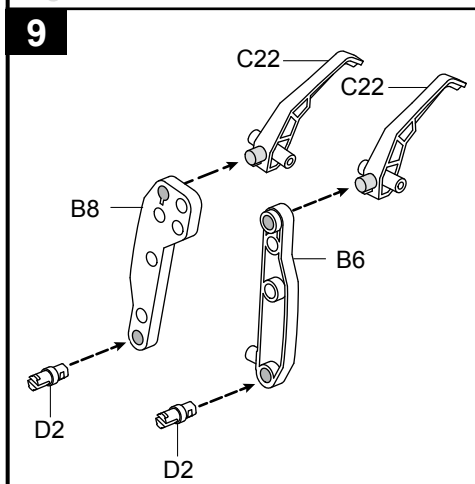
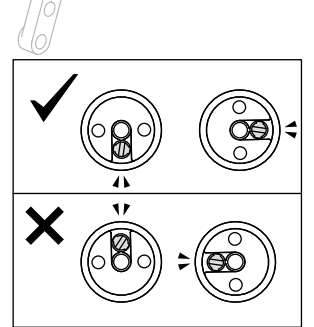
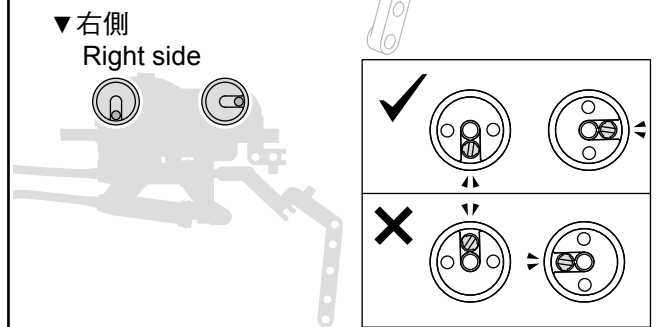
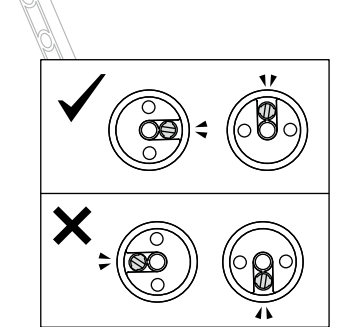
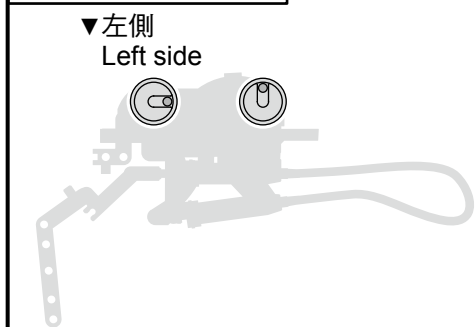
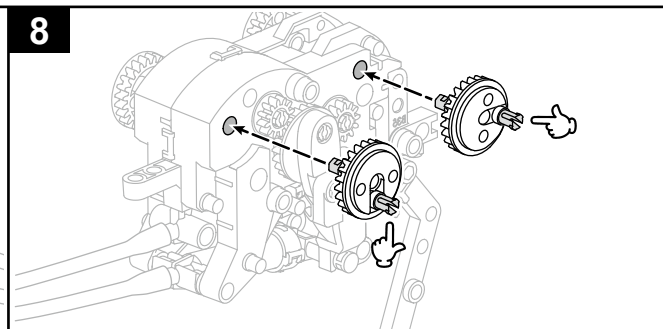
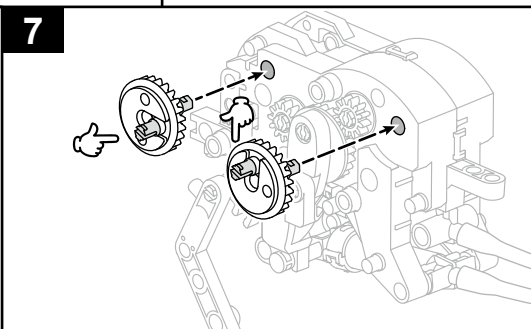
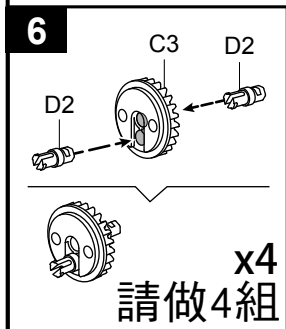
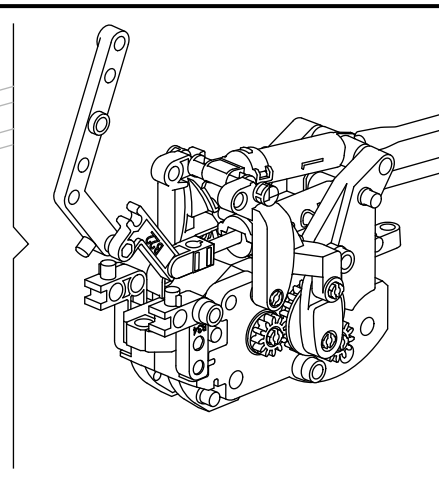
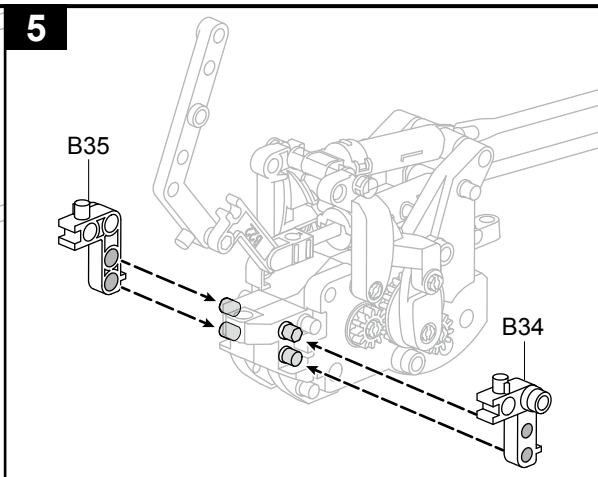
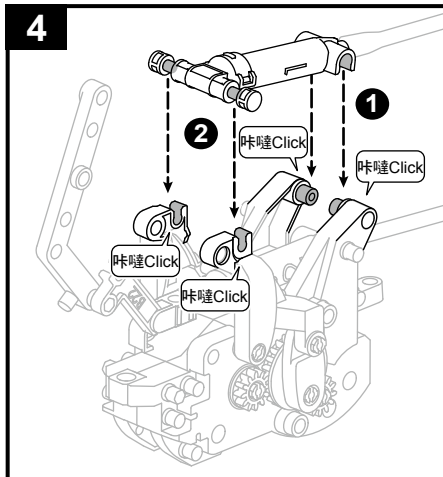
x4
請做4組

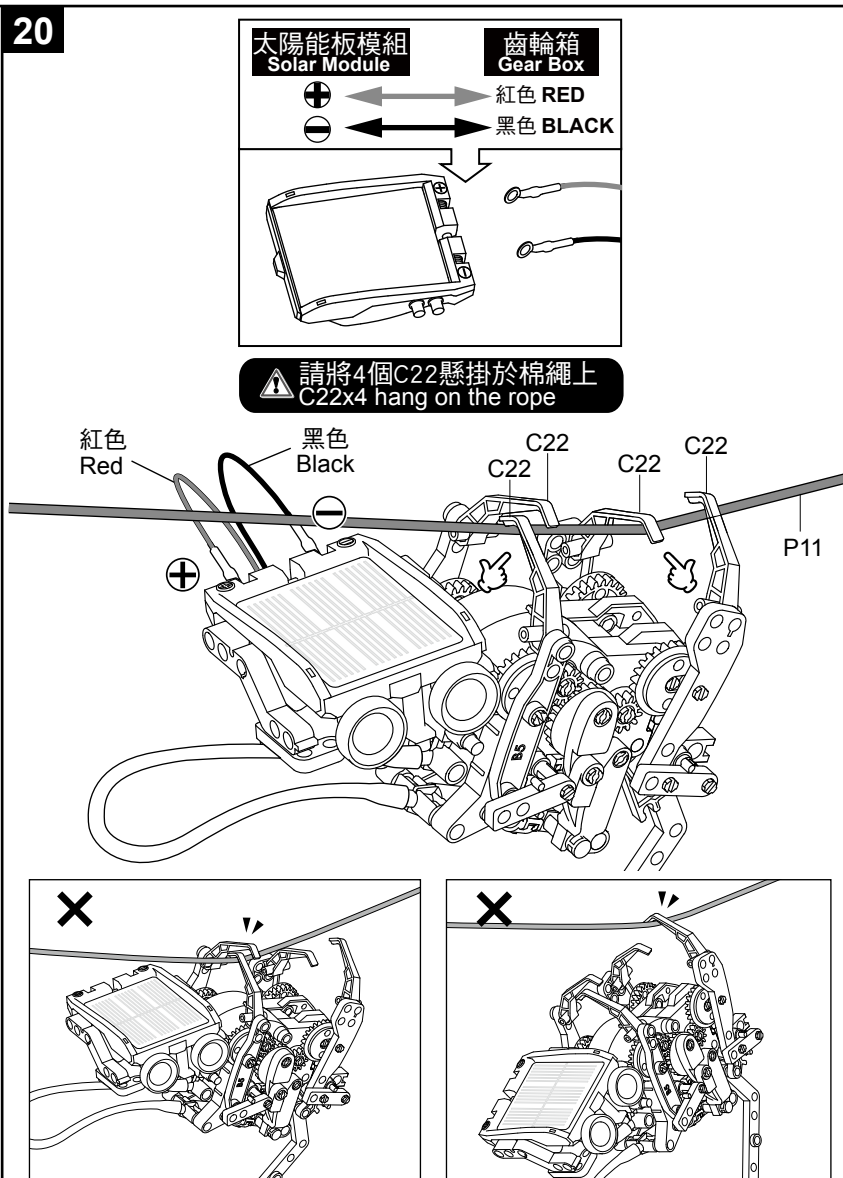
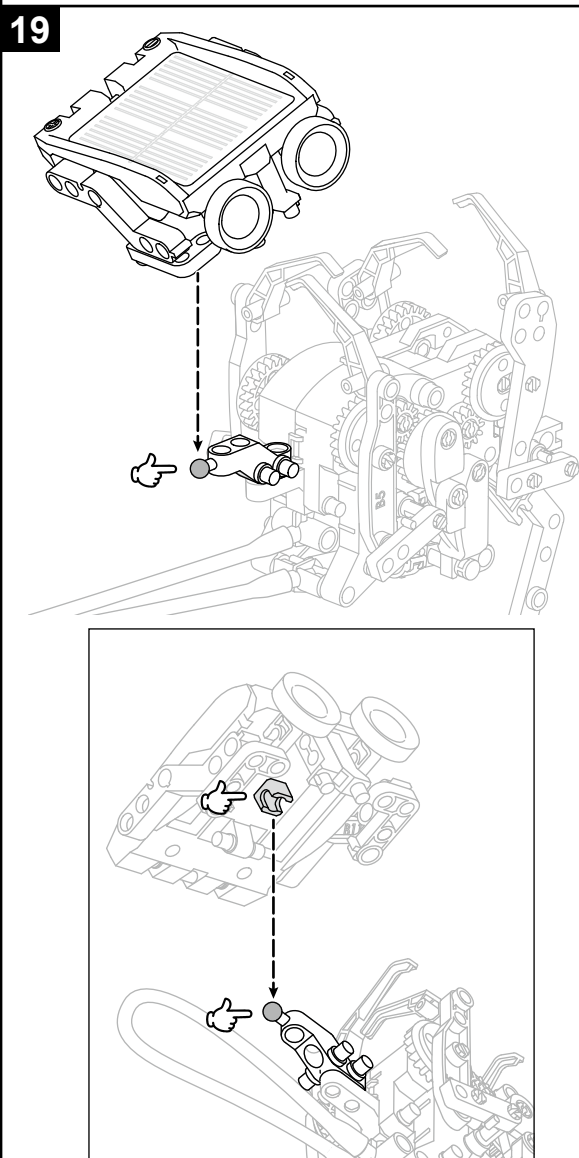
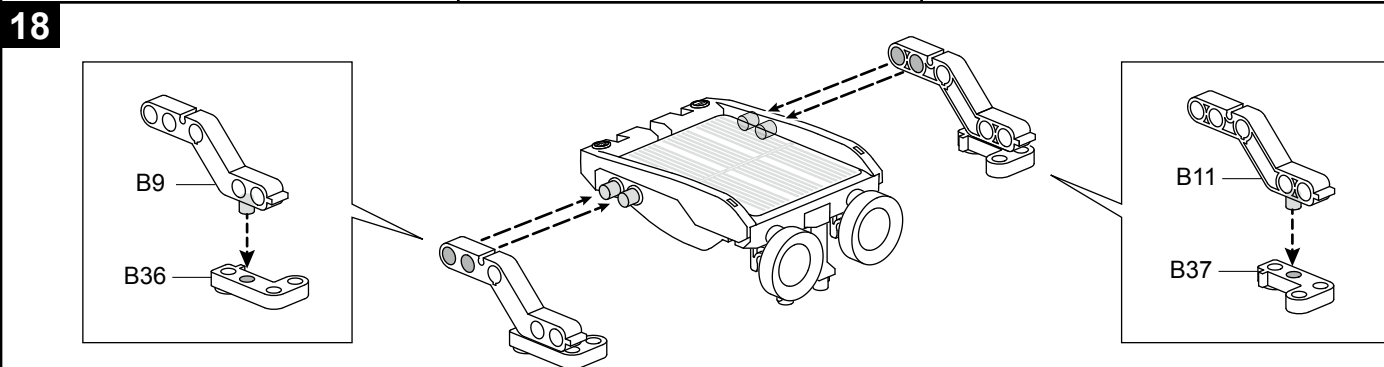
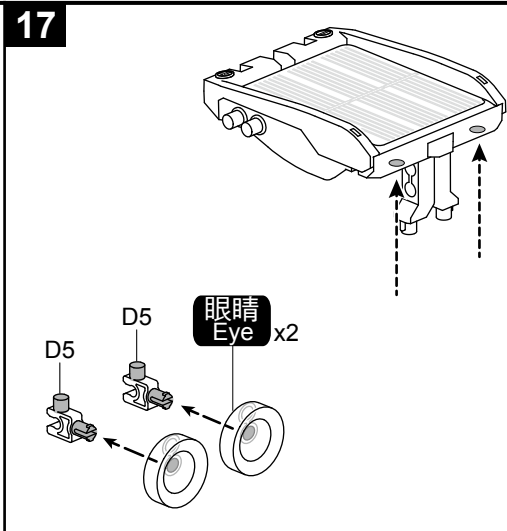
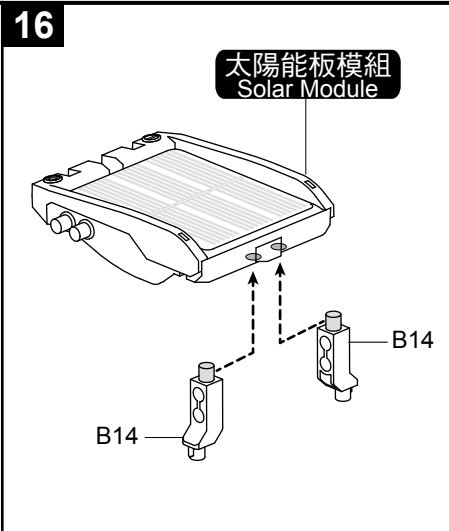
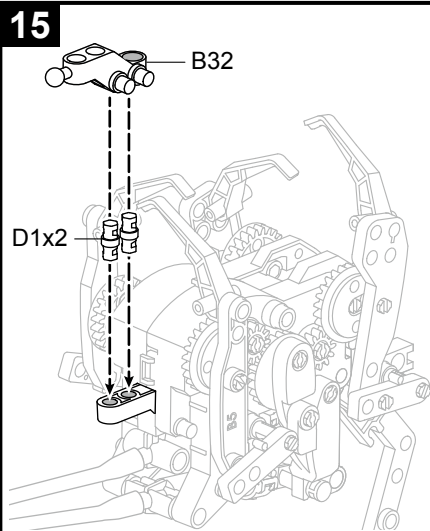


03. 機械猴 Monkey Assembly

請於組裝前確認液壓筒中的空氣狀況並適時加水 Before assembly check the air condition in the cylinder and add water if necessary

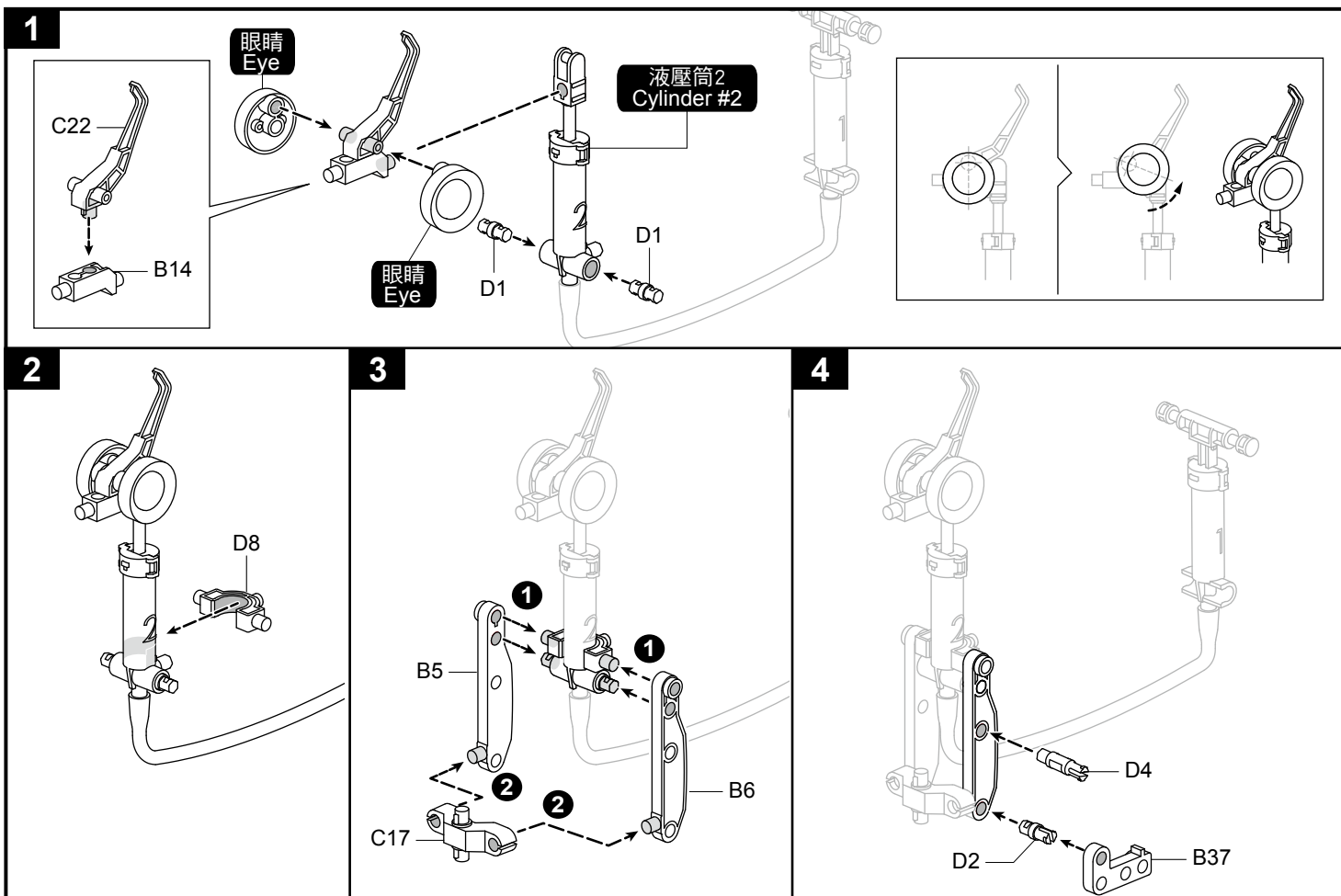
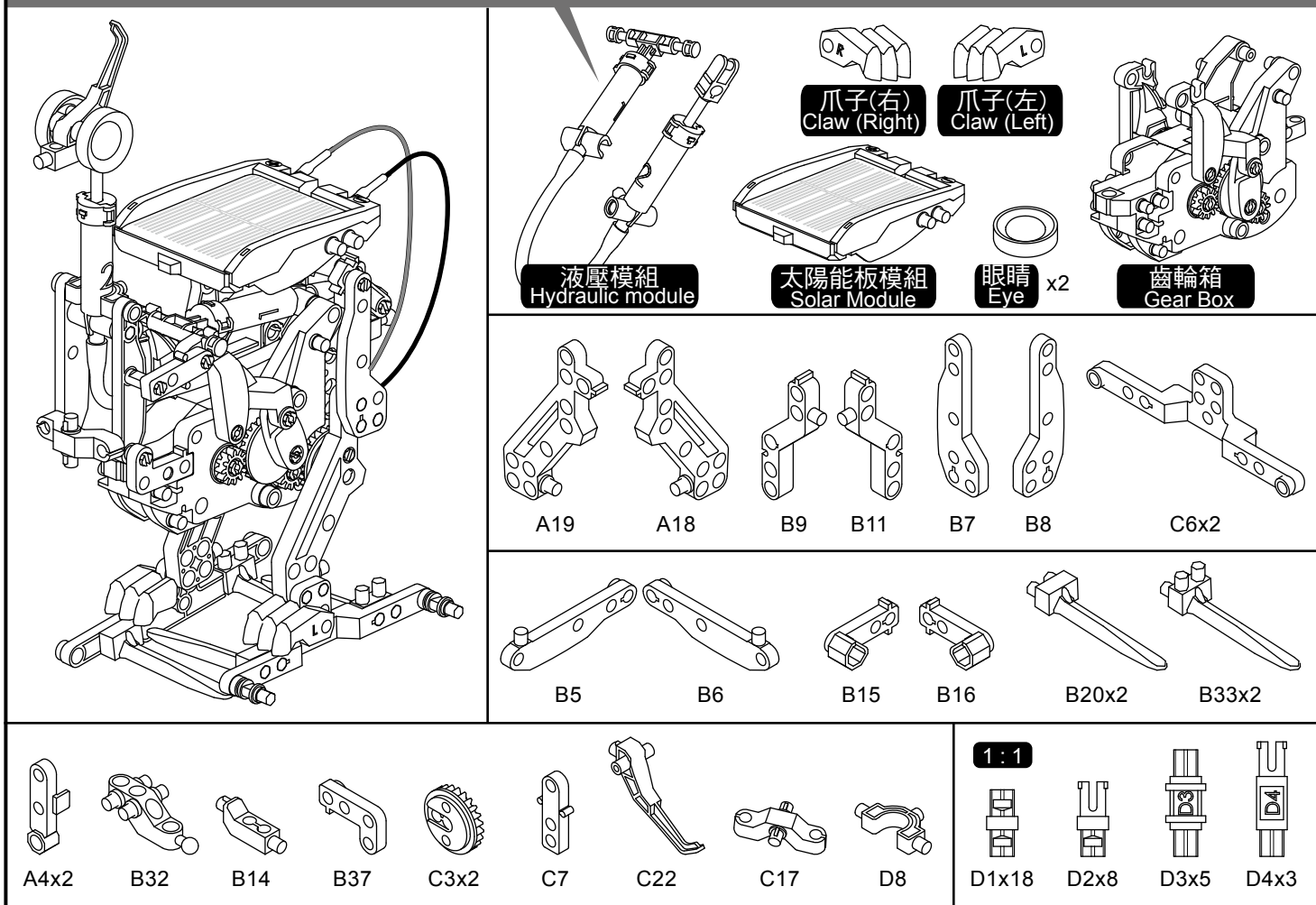


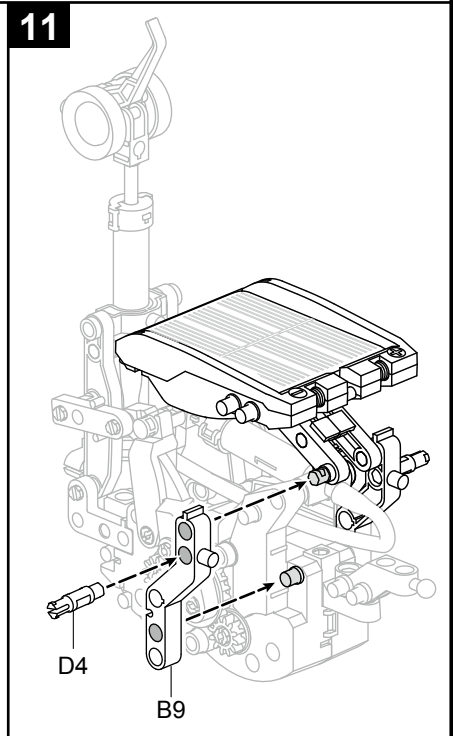
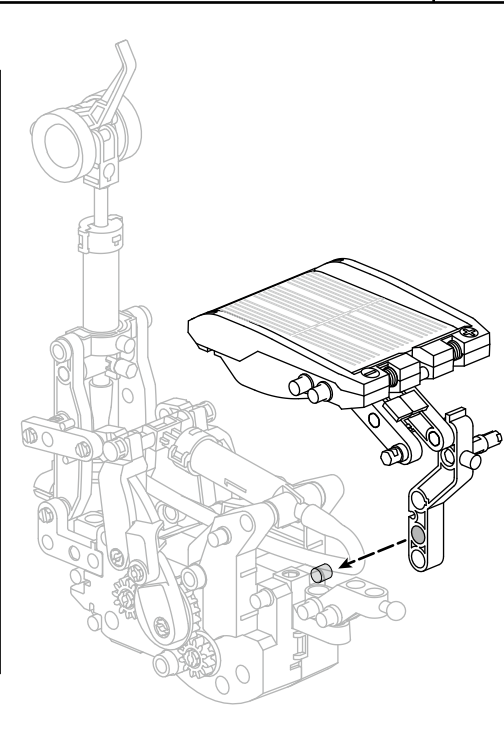
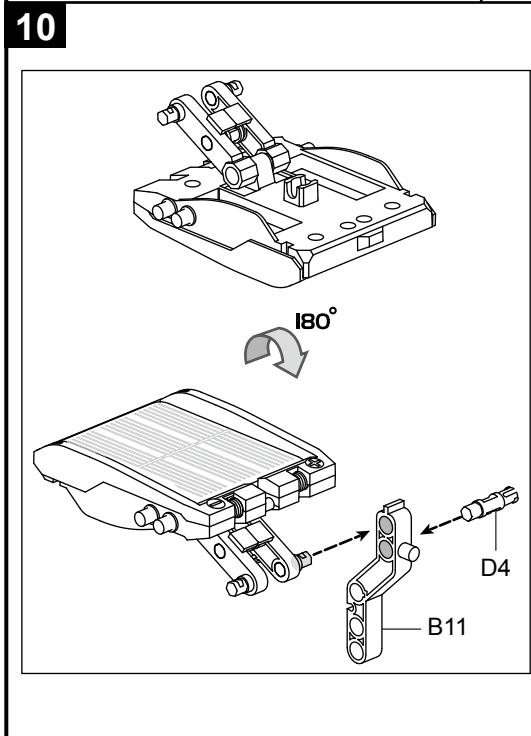
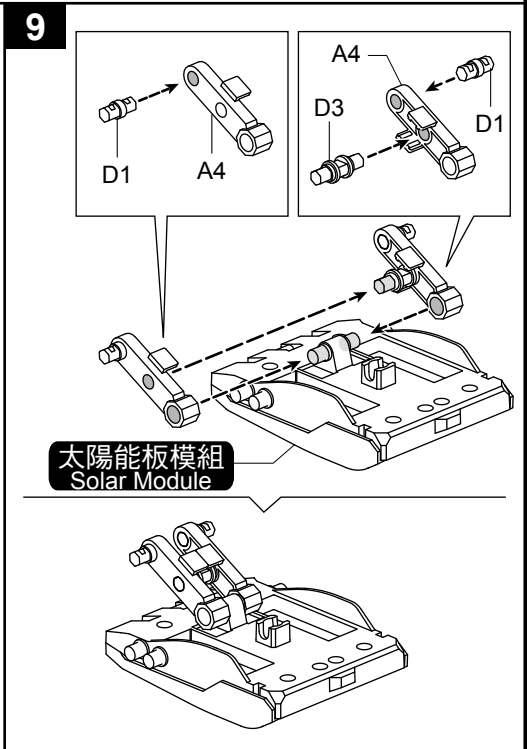
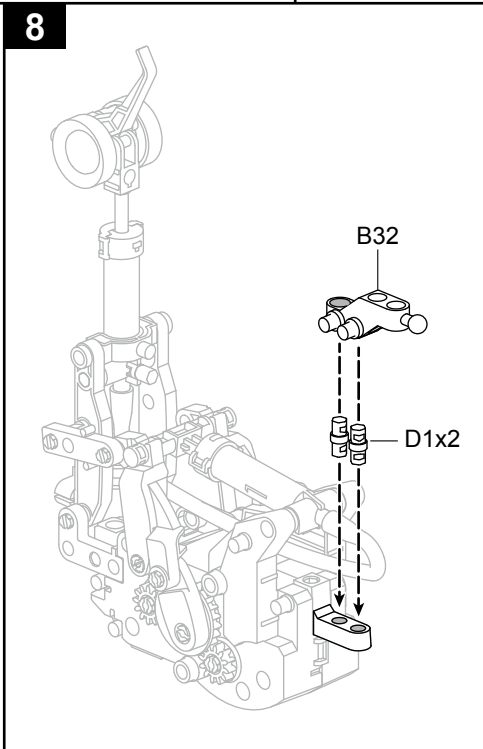
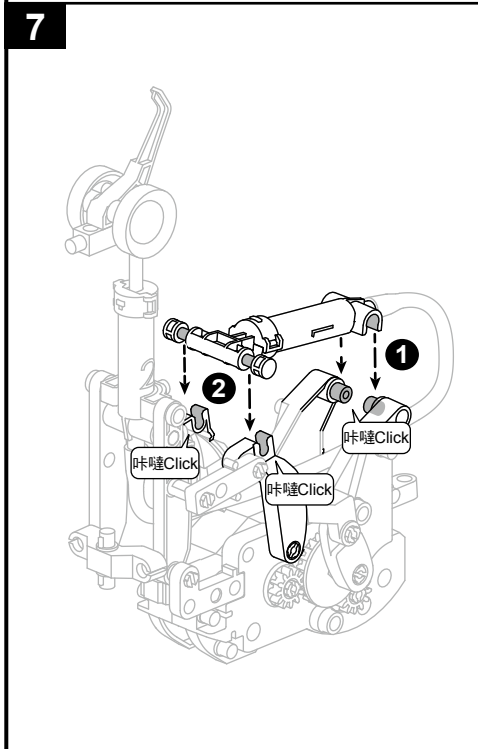
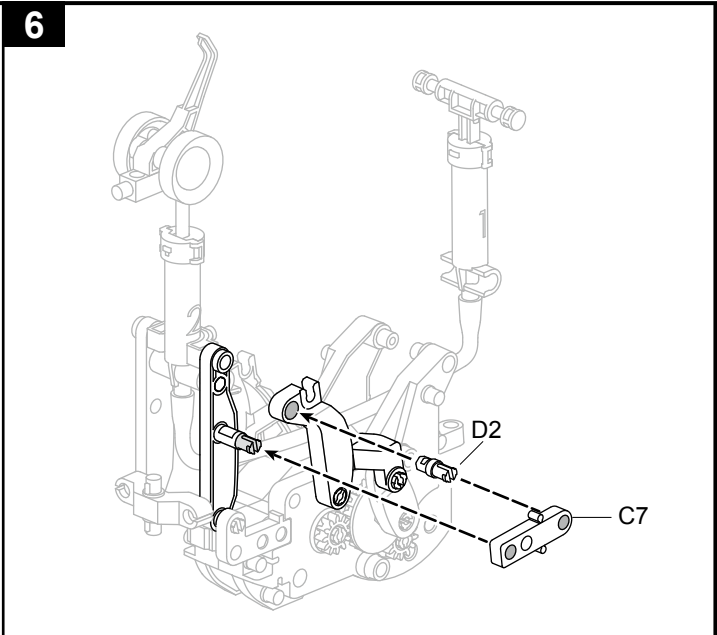
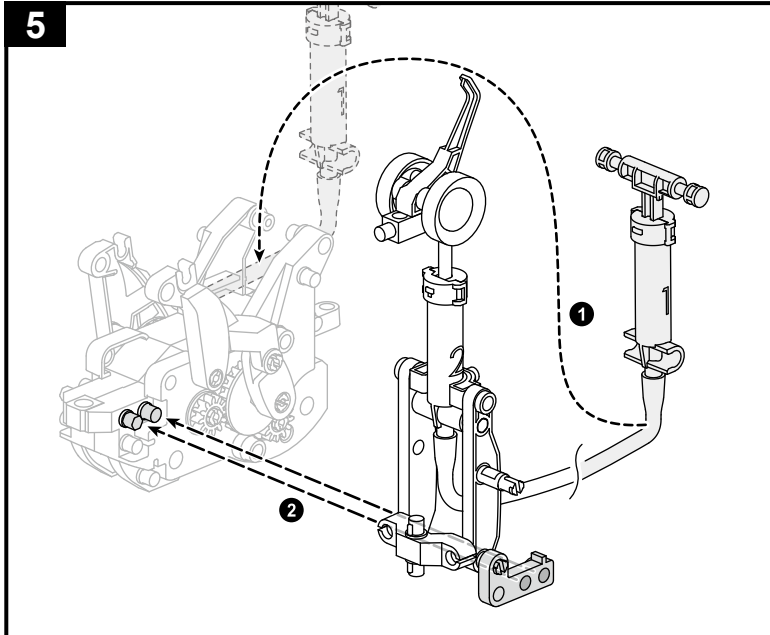




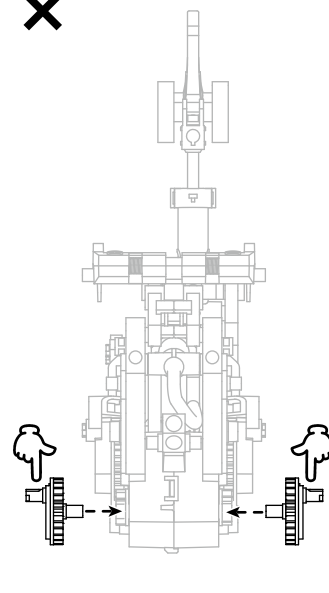
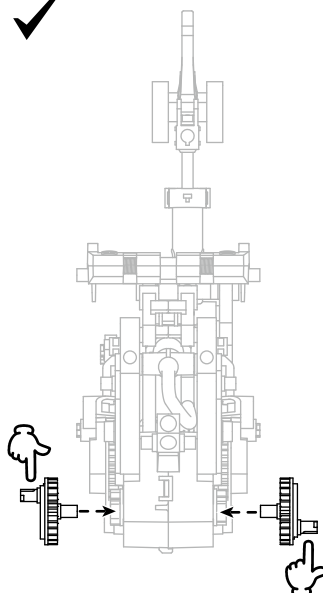
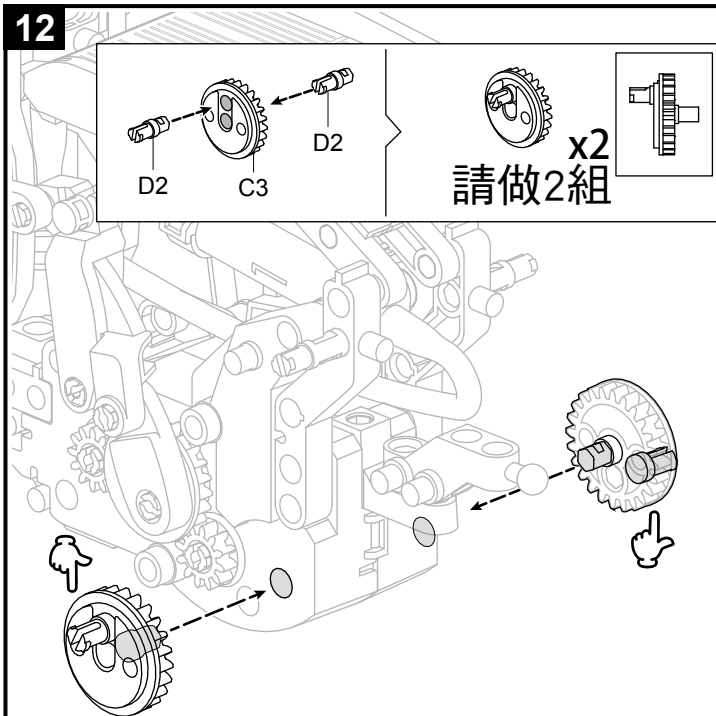
04. 機械駝鳥 Ostrich Assembly

 請於組裝前確認液壓筒中的空氣狀況並適時加水 Before assembly check the air condition in the cylinder and add water if necessary

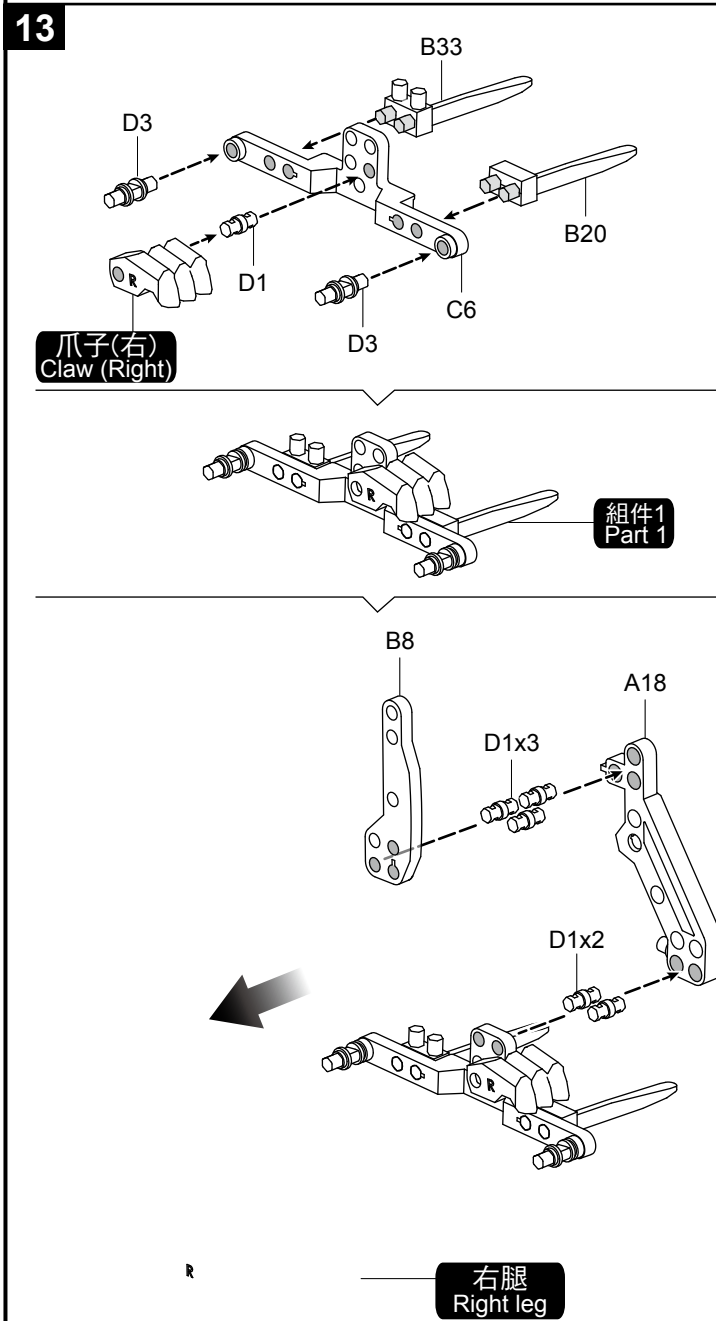




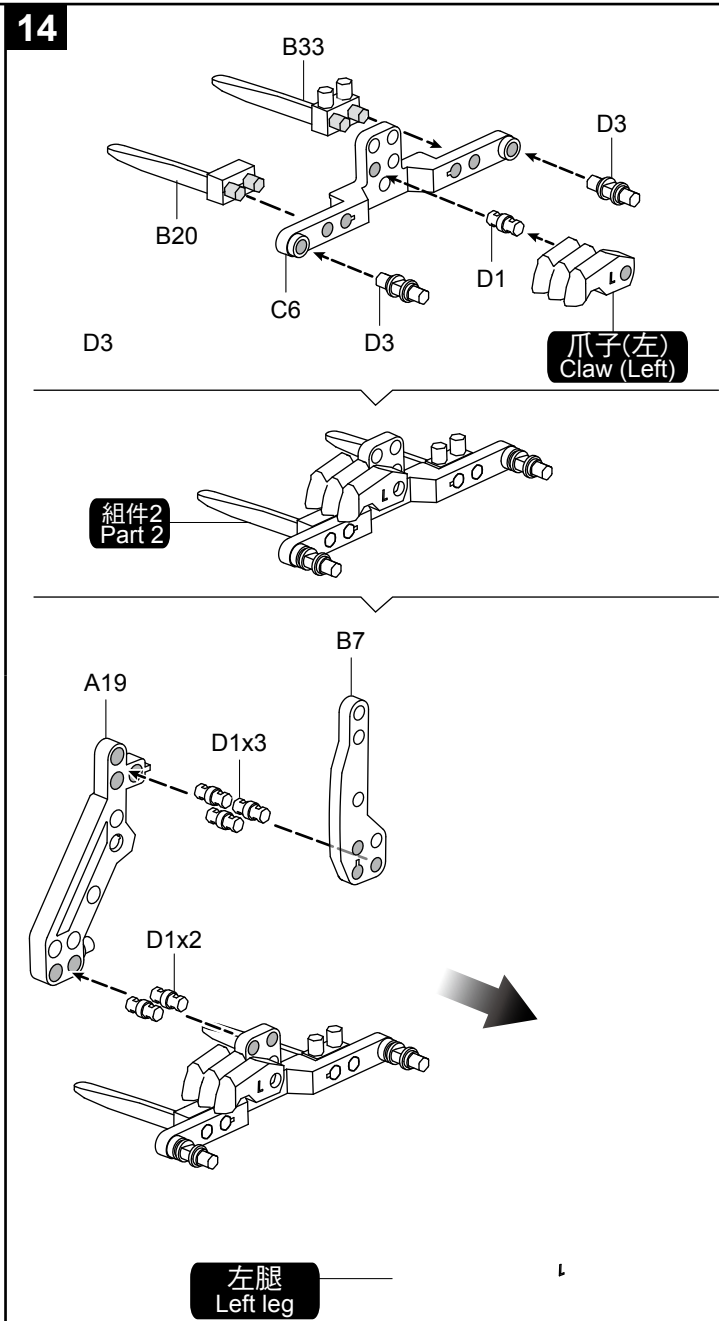
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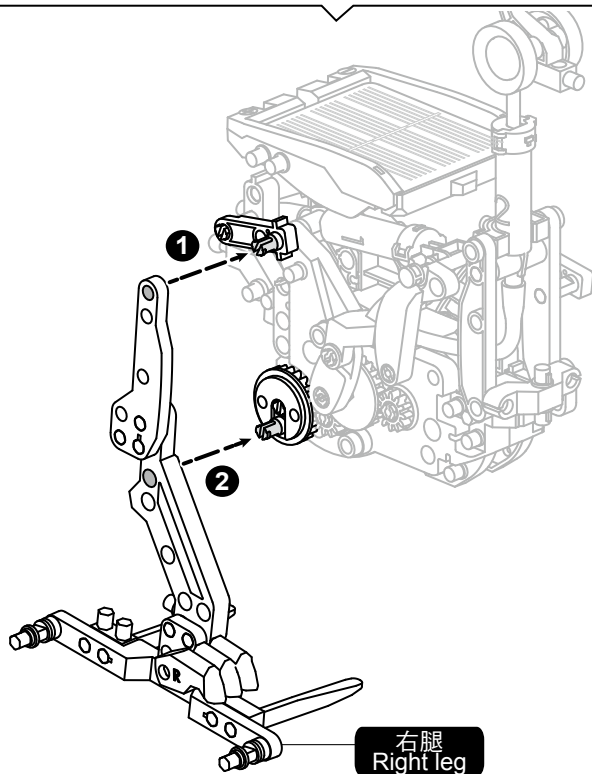
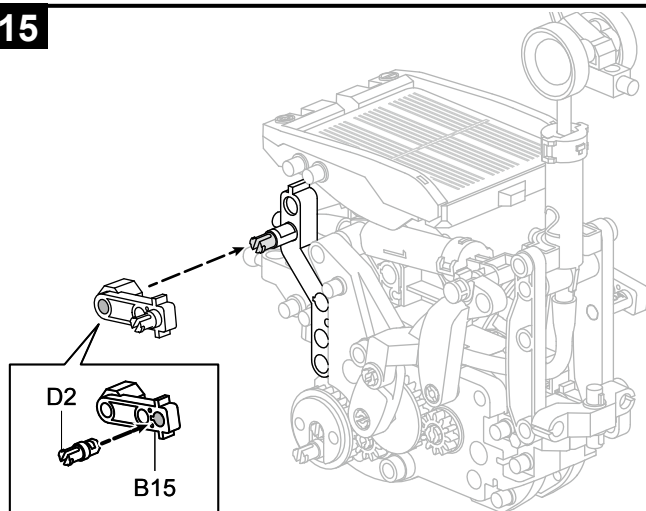
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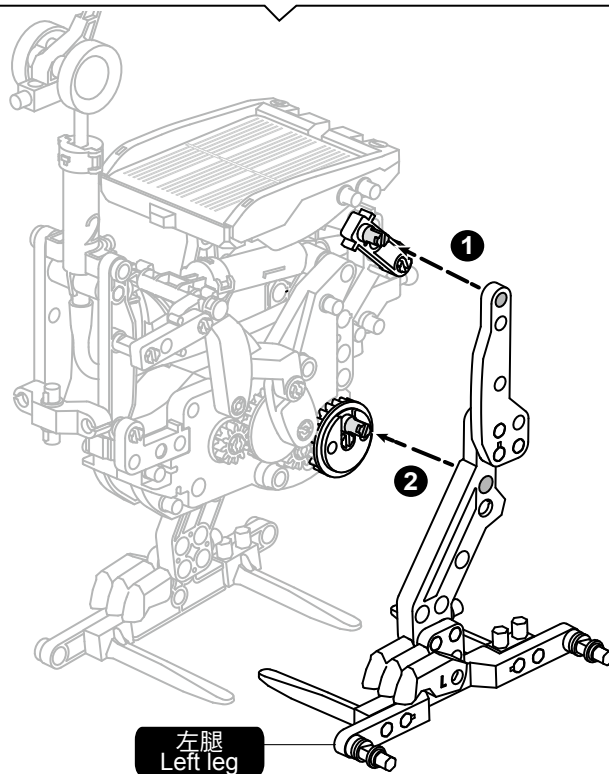
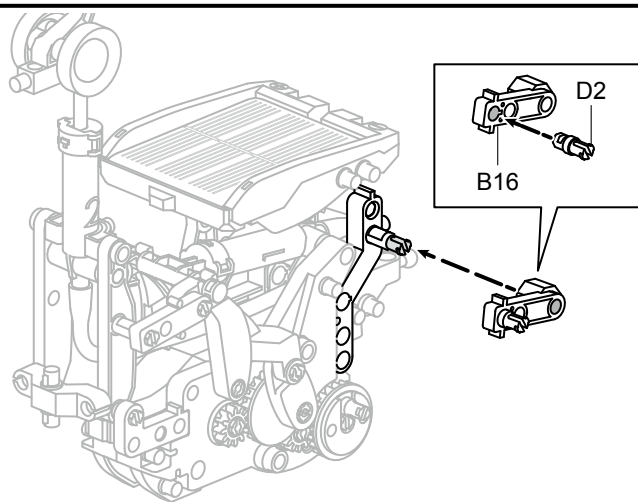
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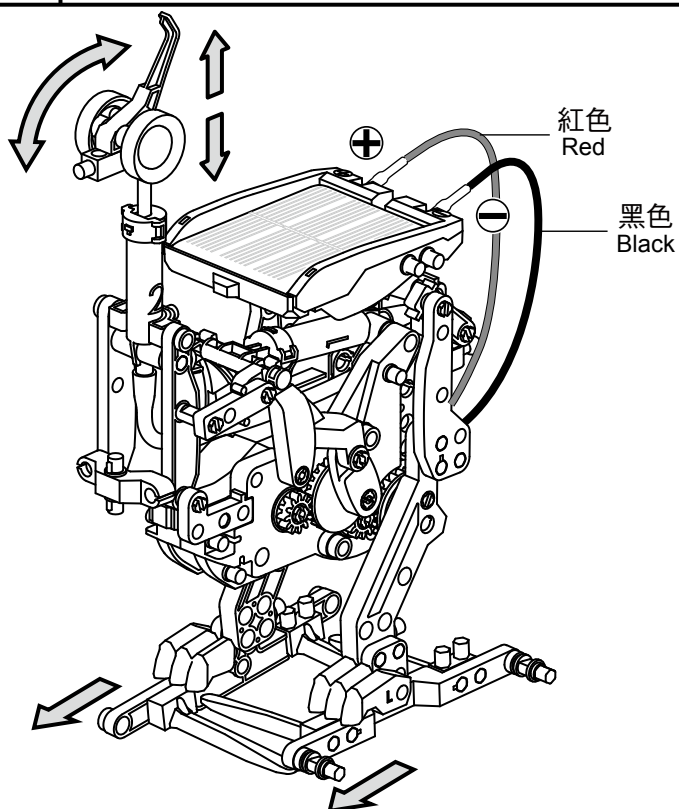
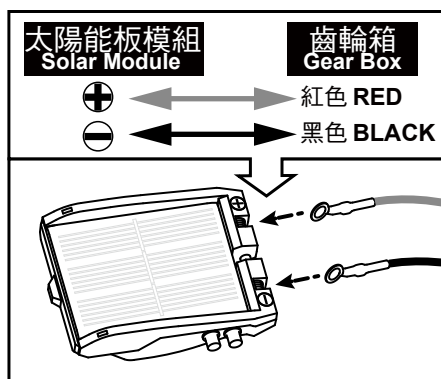
15

右腿
Right leg

16

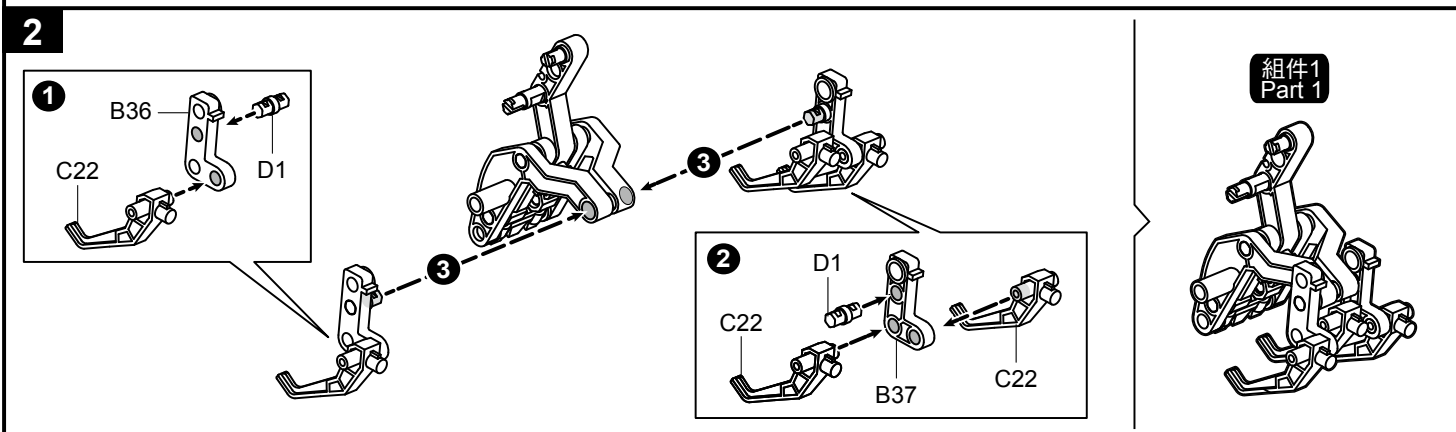
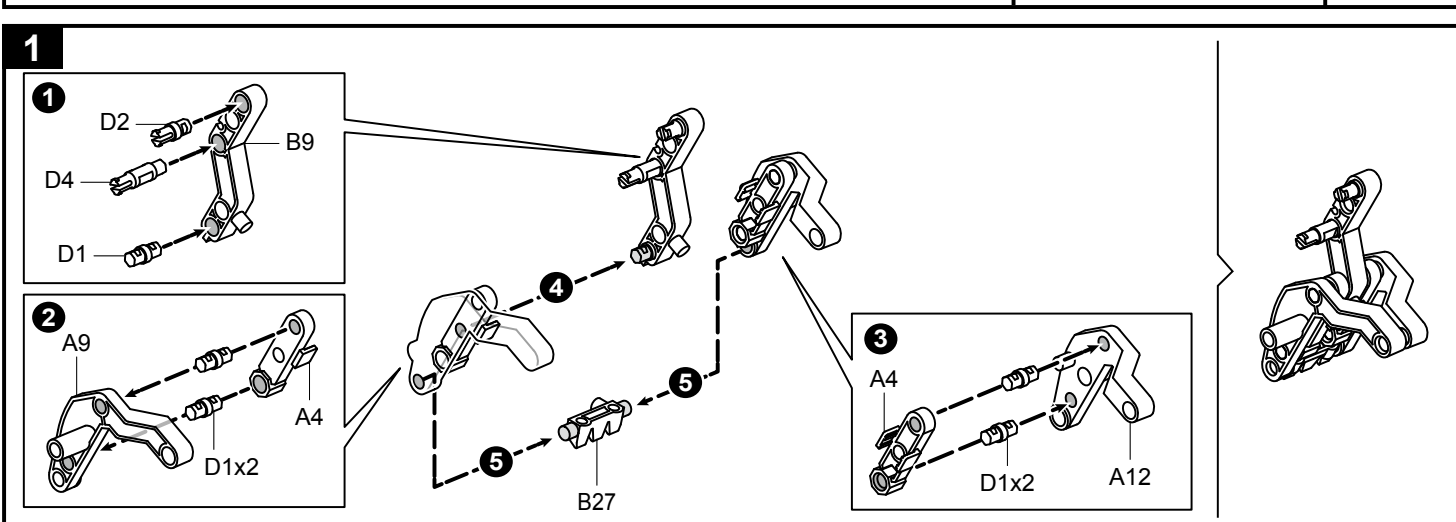
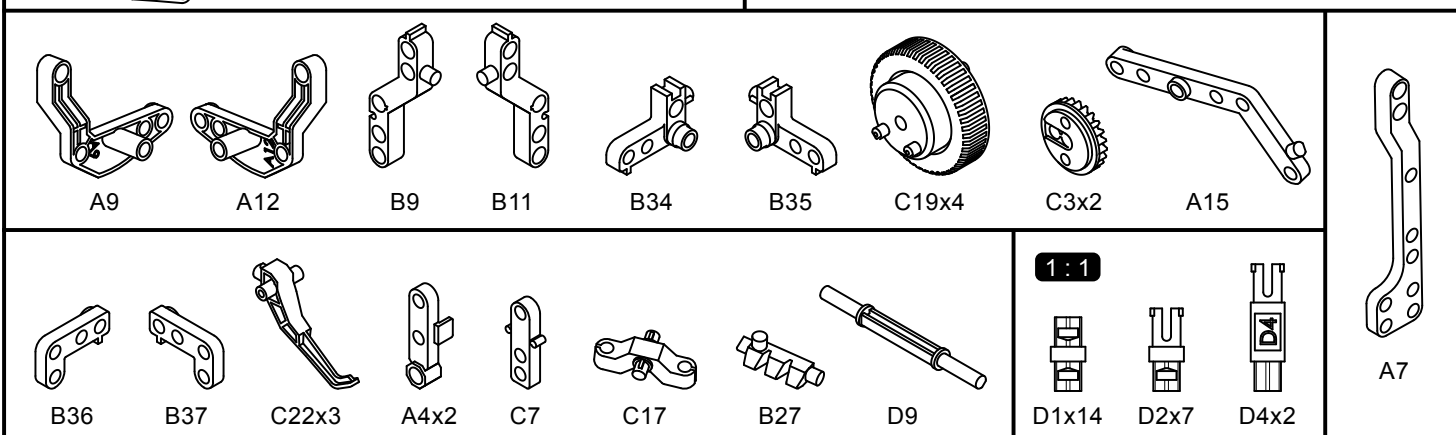
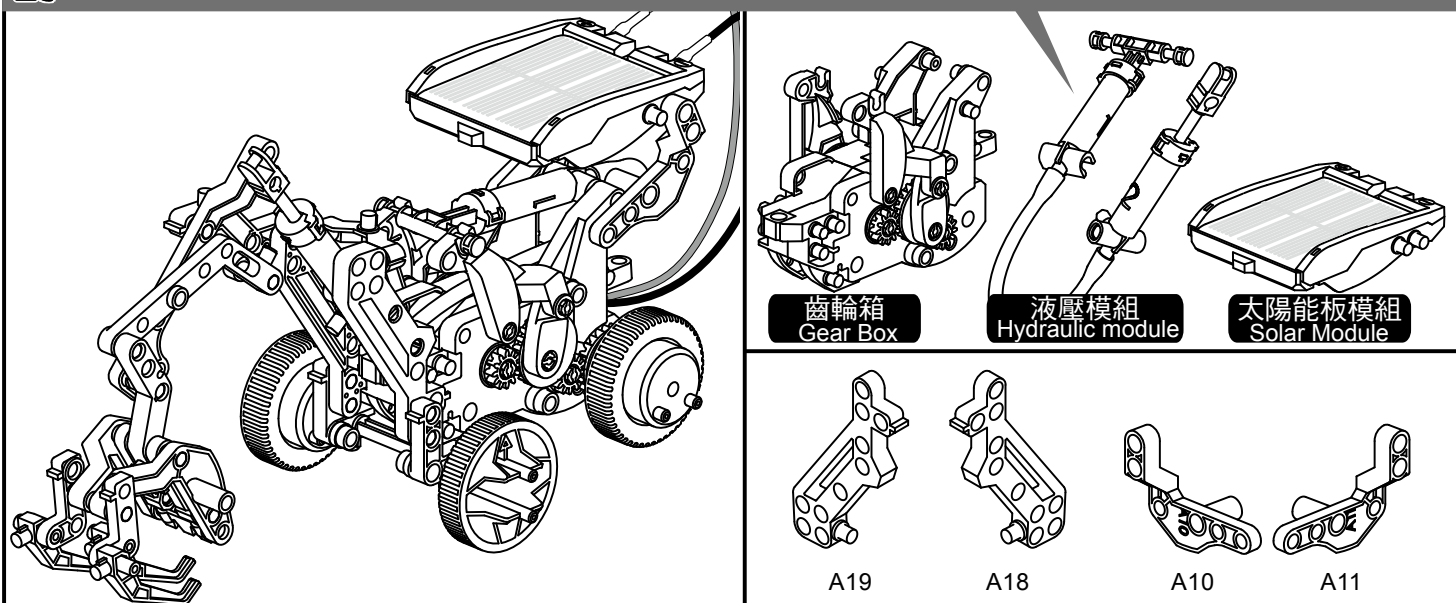
左腿
Left leg

17

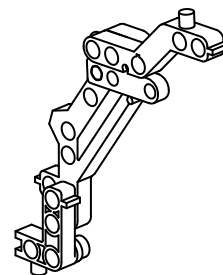
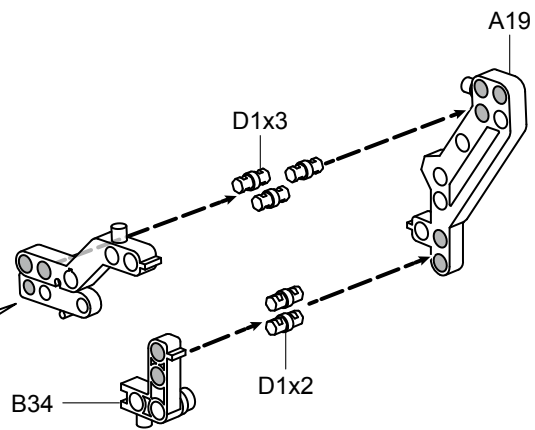
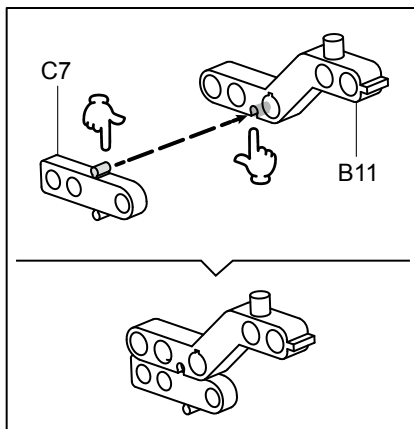


05. 挖土機 Excavator Assembly

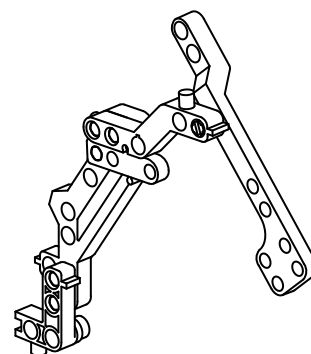
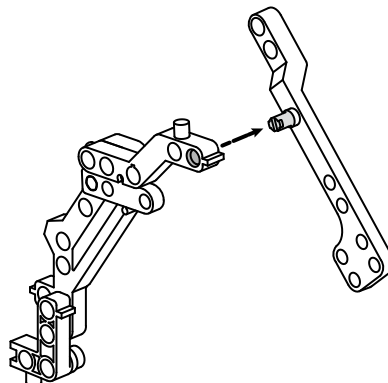
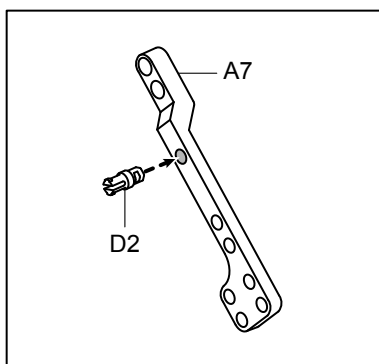
 請於組裝前確認液壓筒中的空氣狀況並適時加水 Before assembly check the air condition in the cylinder and add water if necessary



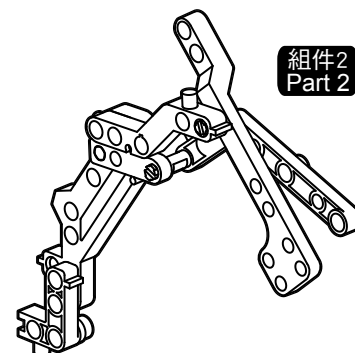
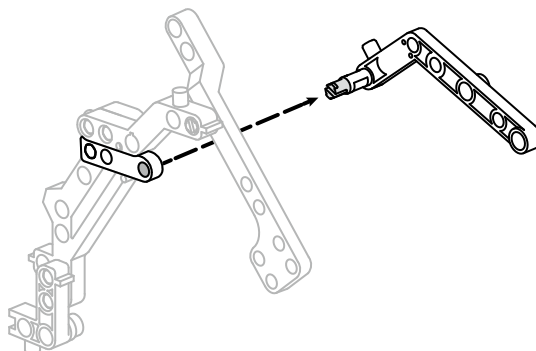
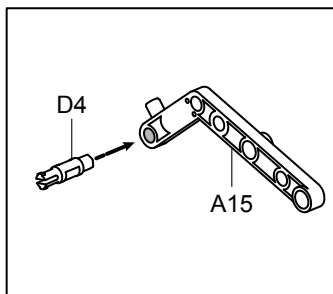
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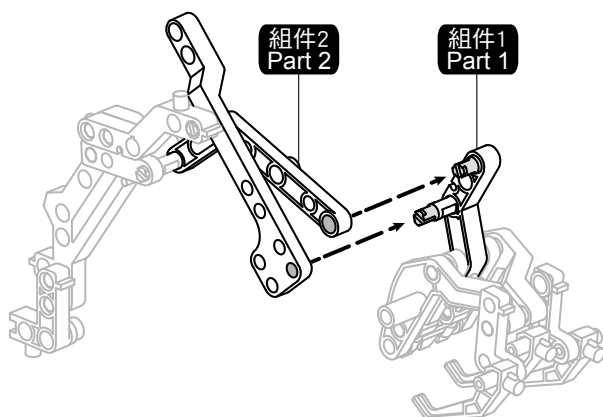
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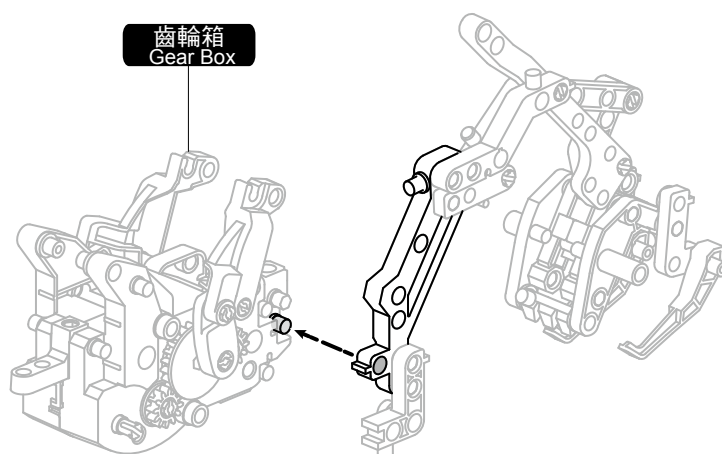
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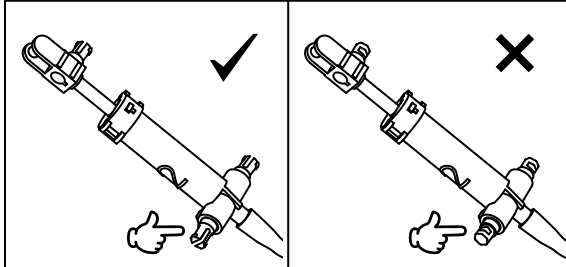
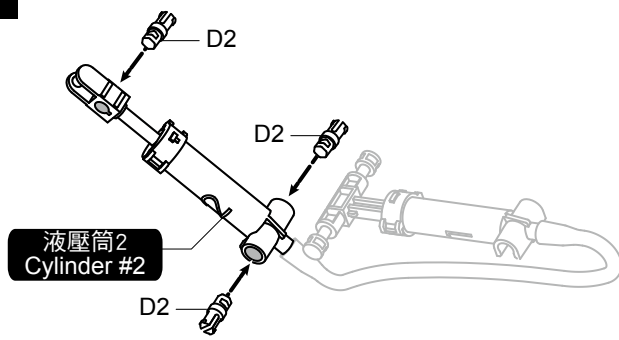
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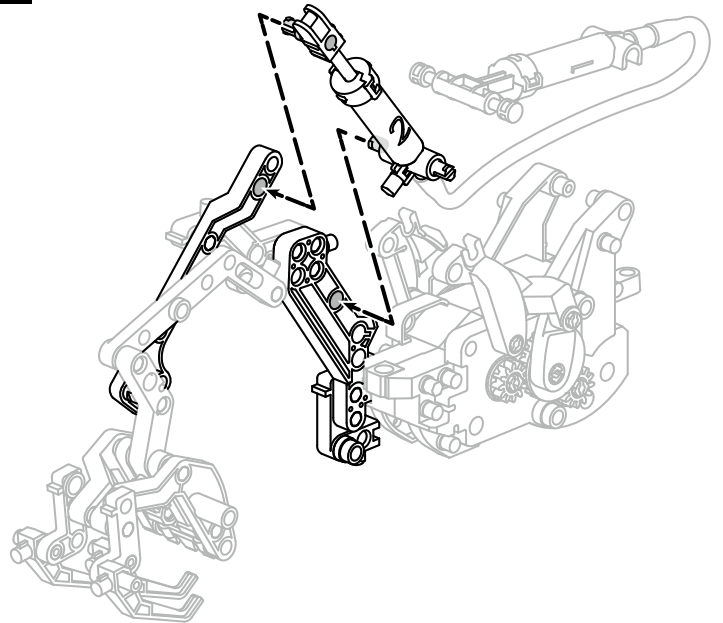
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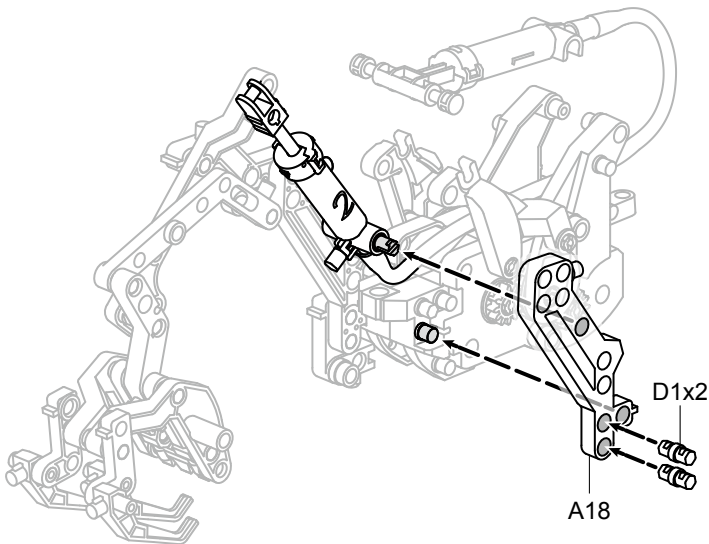
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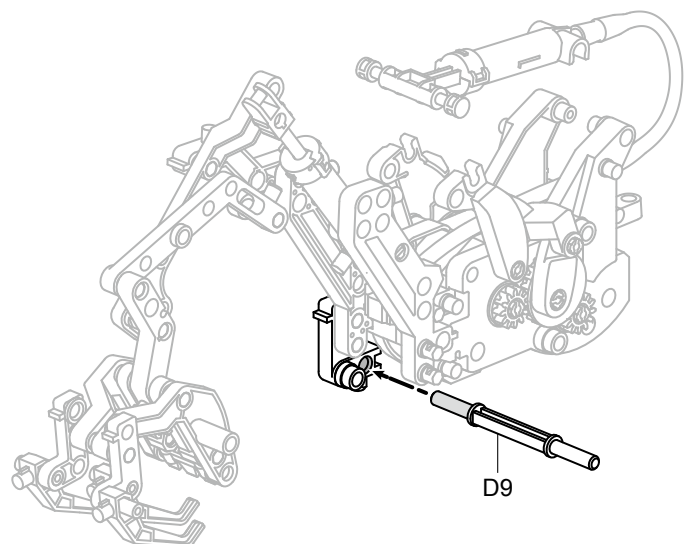
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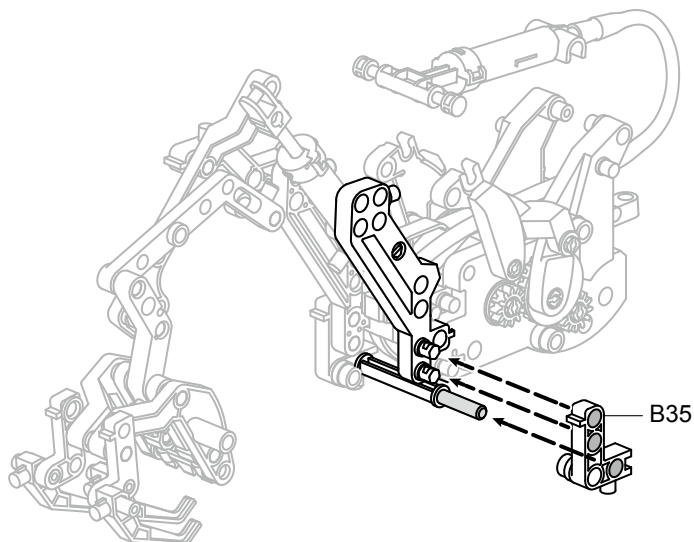
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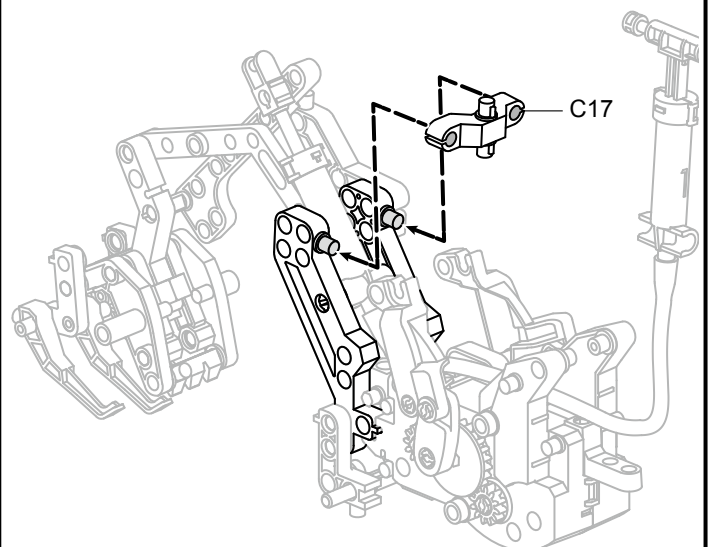
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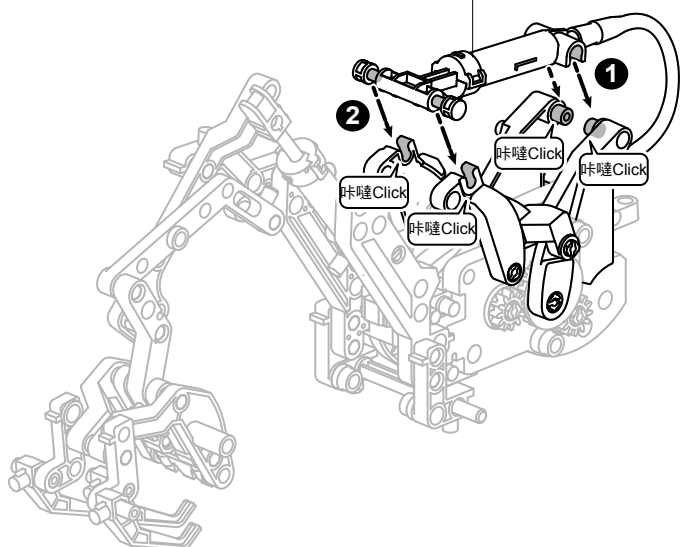
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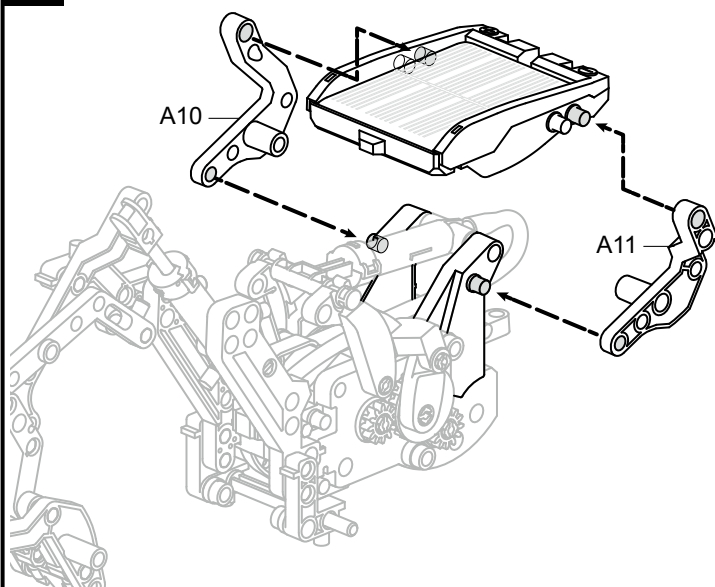
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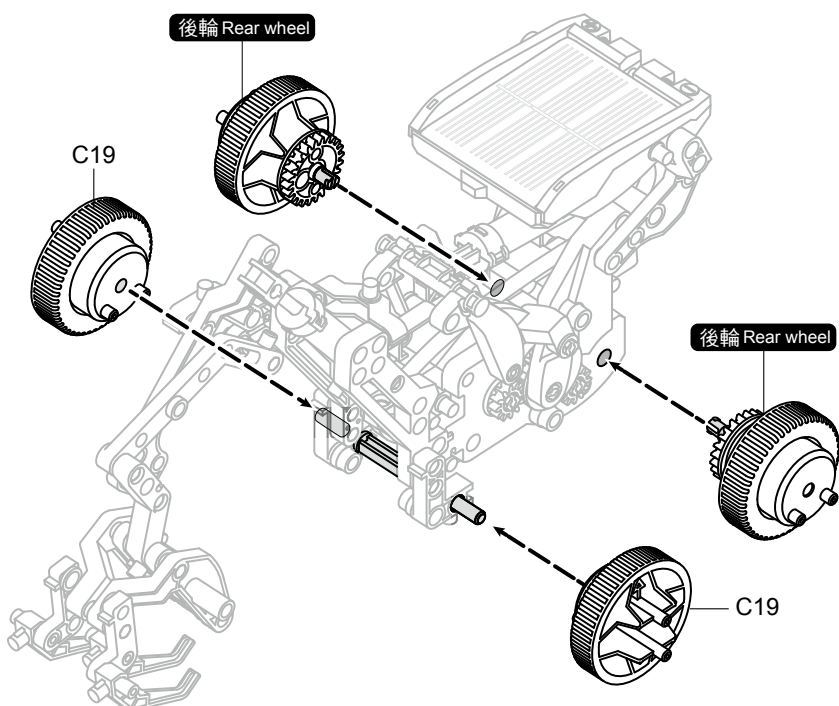
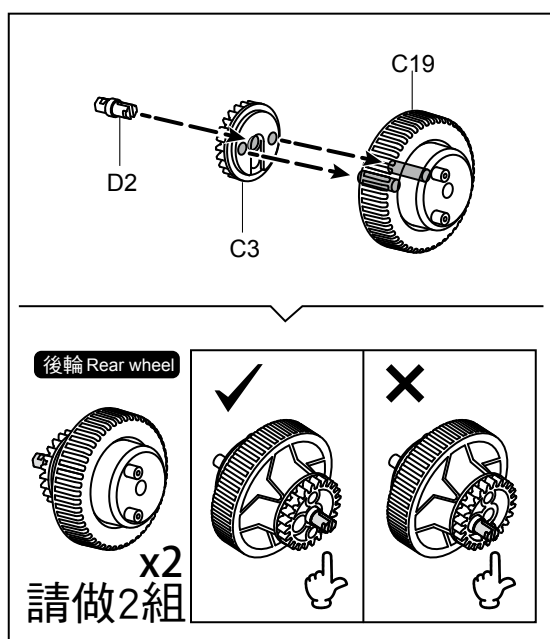
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液壓筒1
Cylinder #1

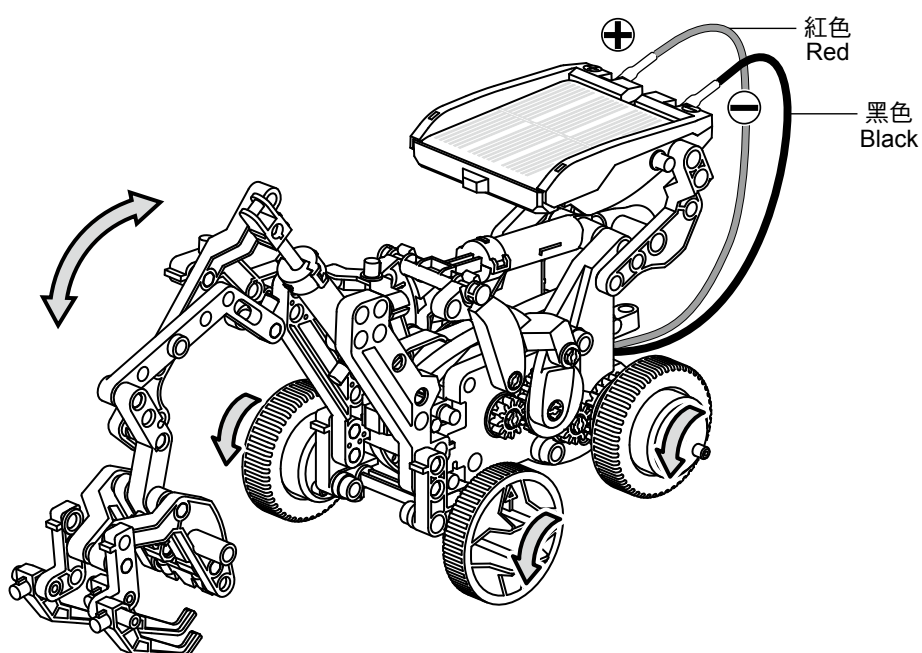
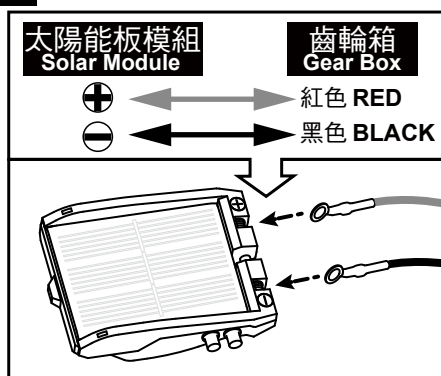
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16

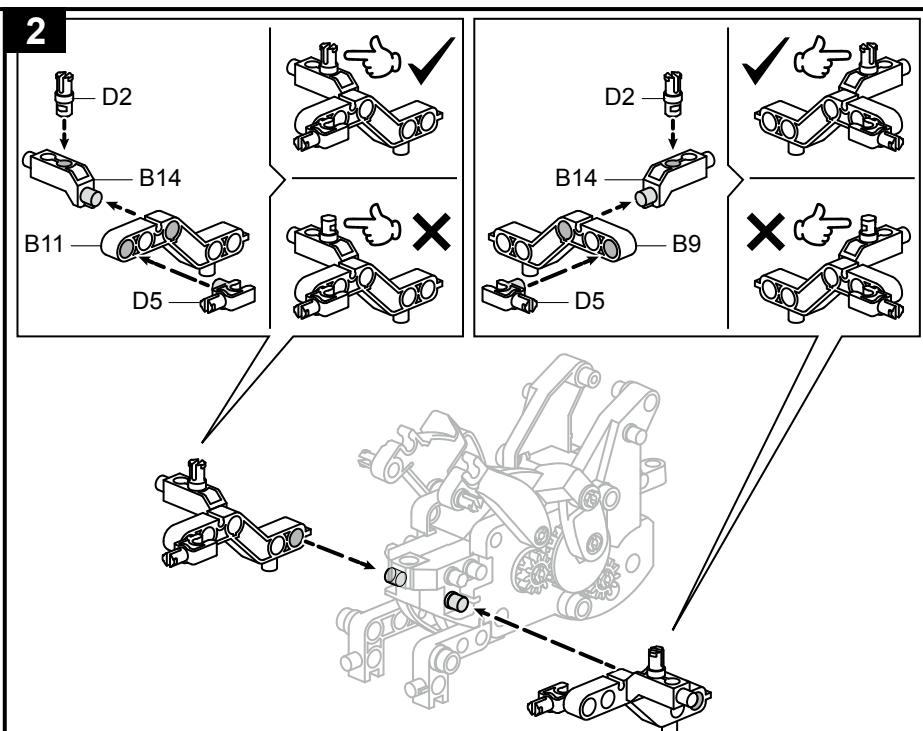
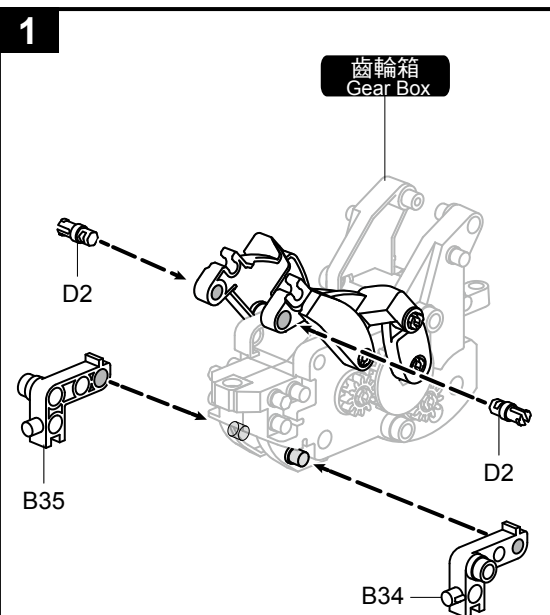
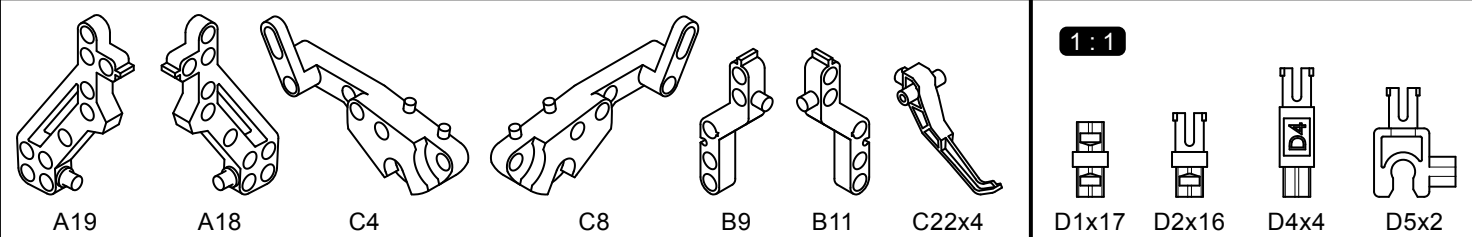
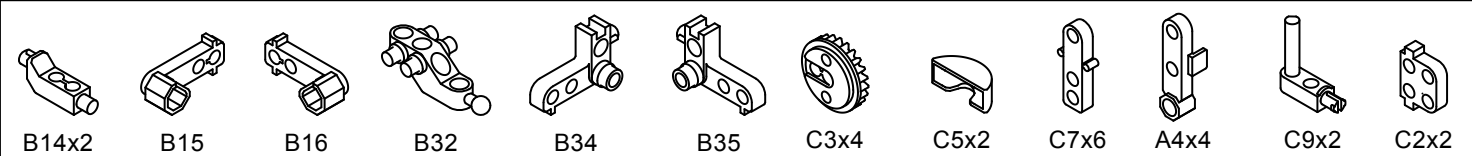
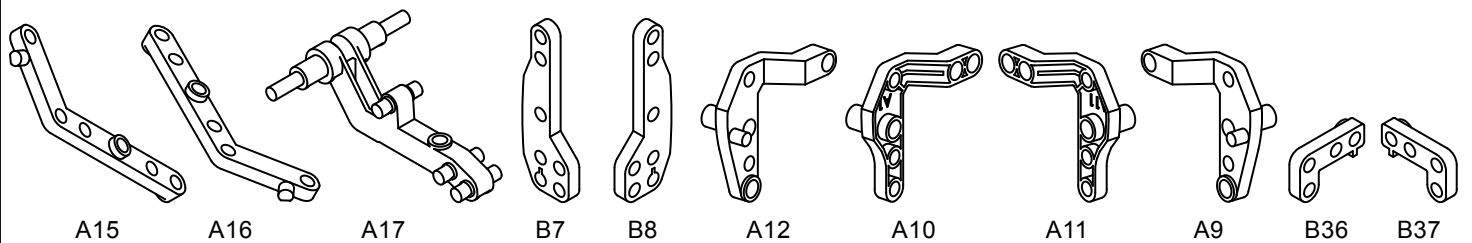
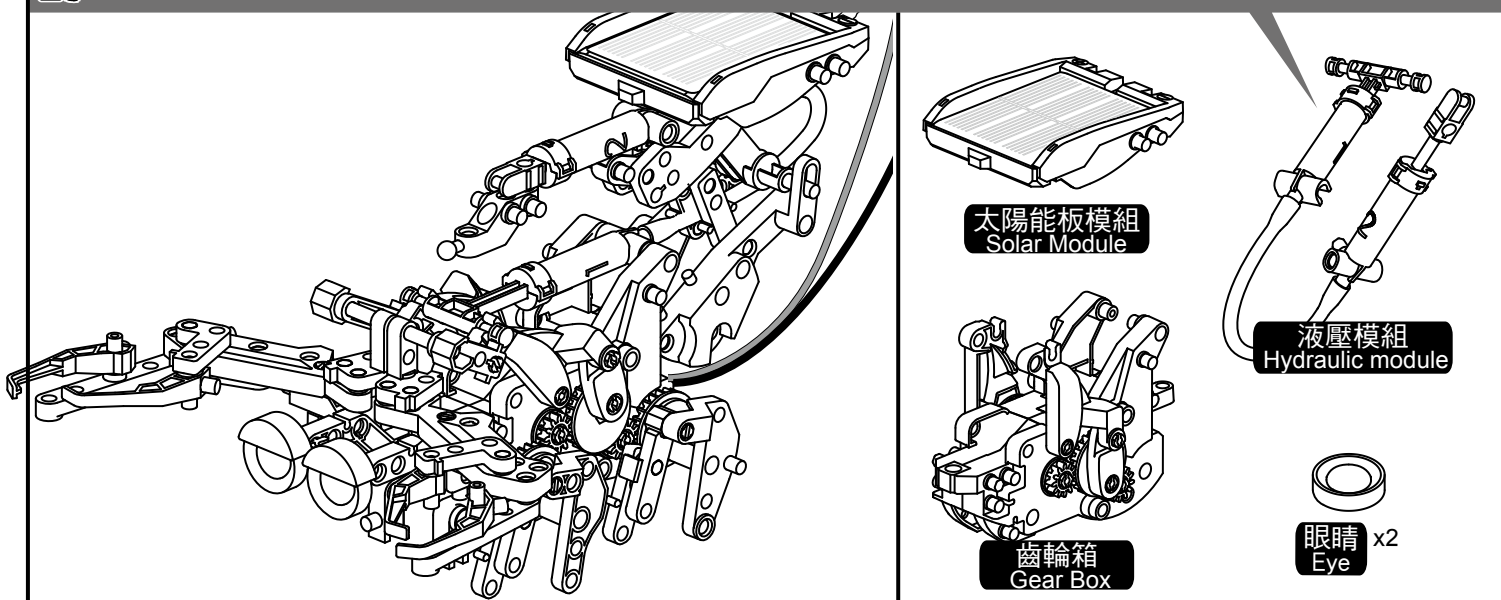


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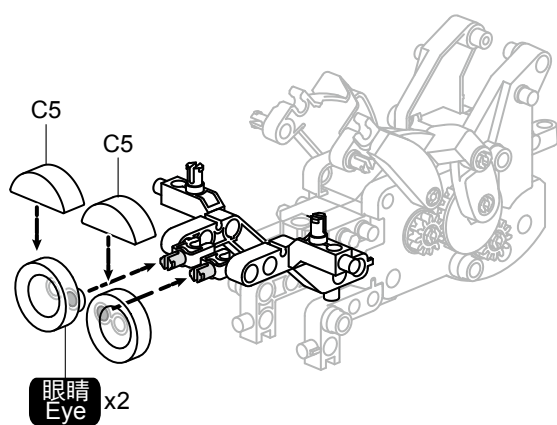


06. 機械蠍 Scorpion Assembly

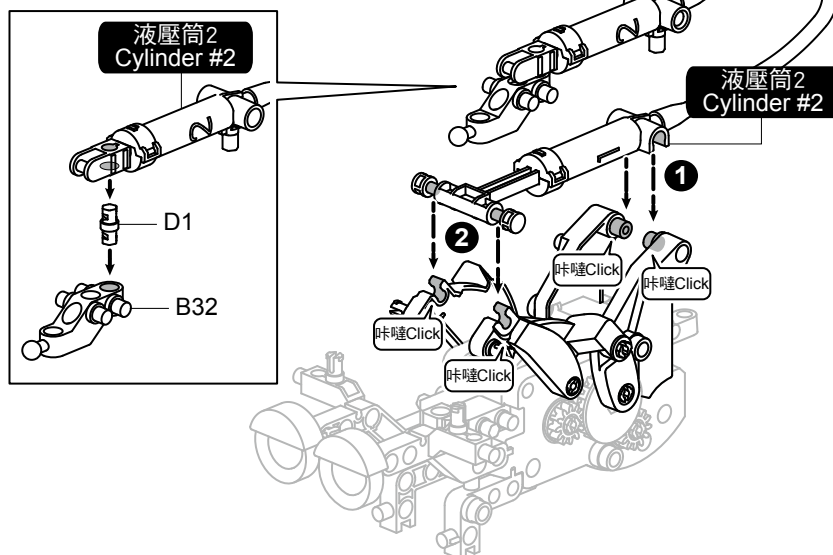
 請於組裝前確認液壓筒中的空氣狀況並適時加水 Before assembly check the air condition in the cylinder and add water if necessary



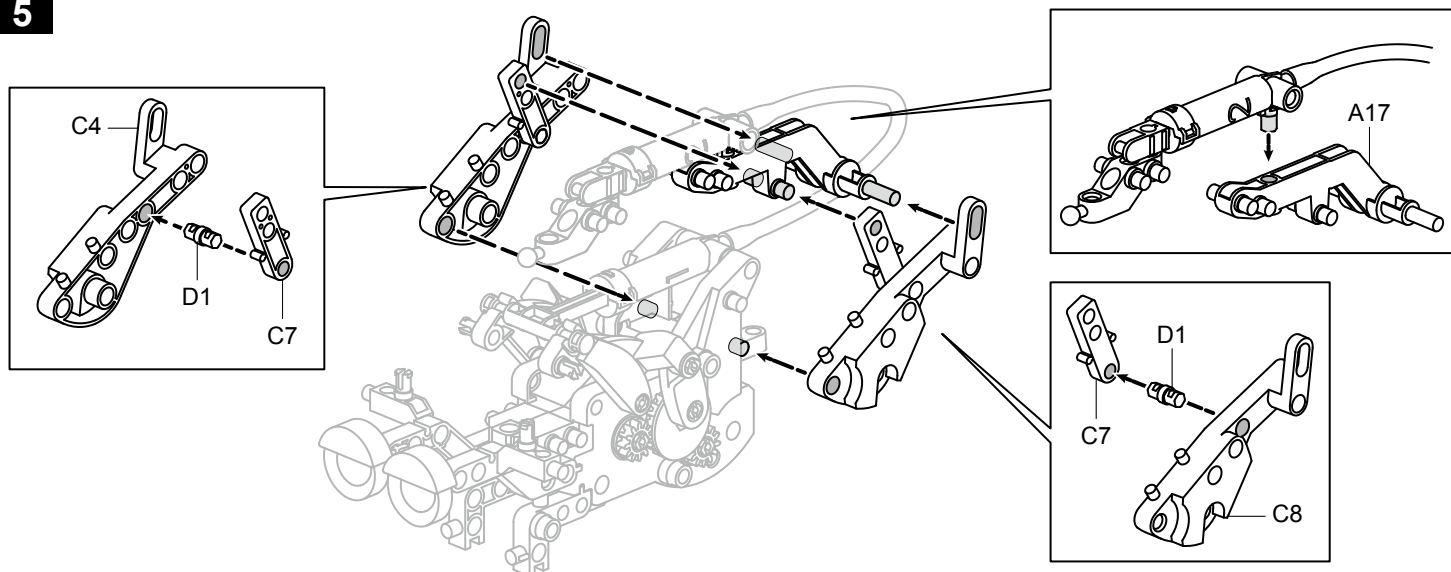
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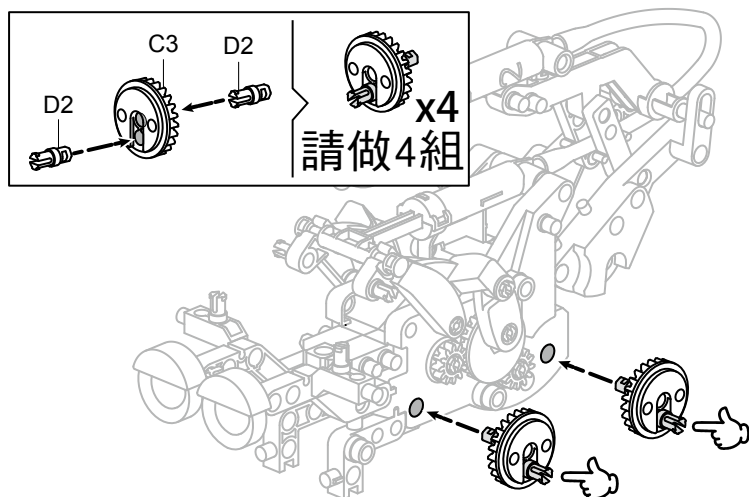
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5



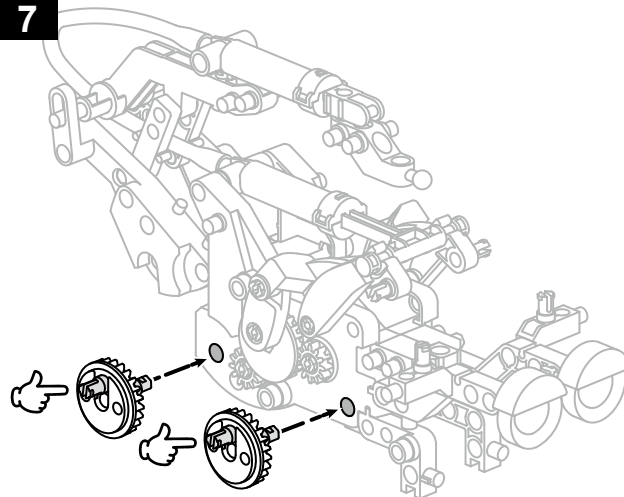
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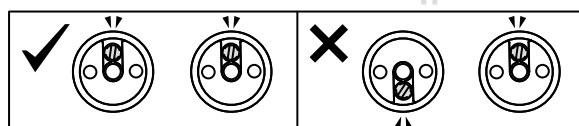
▶ 左側 Left Side



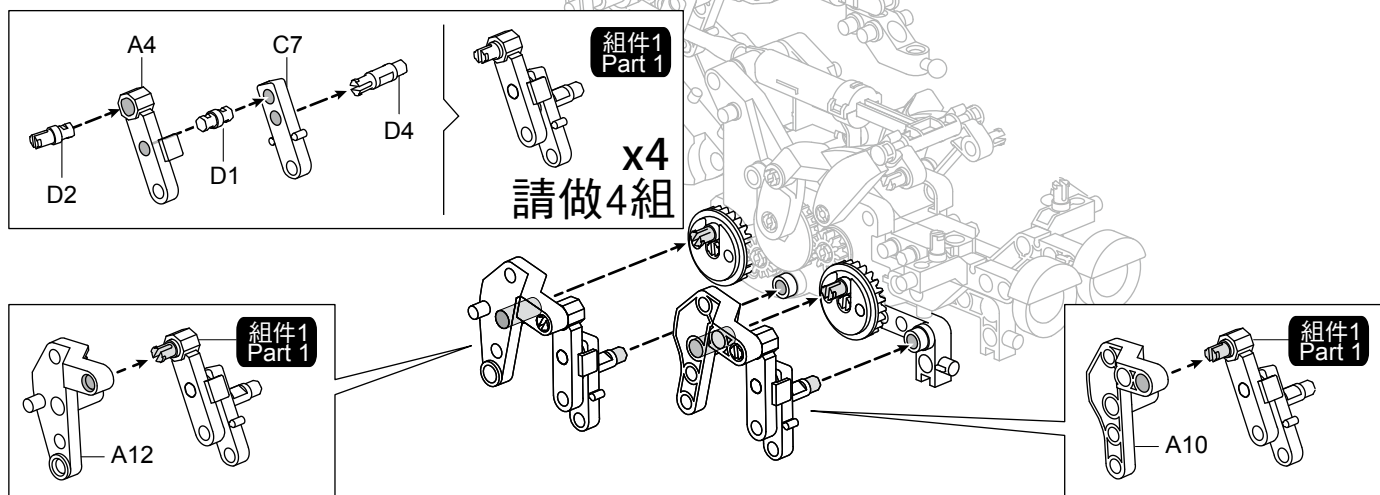
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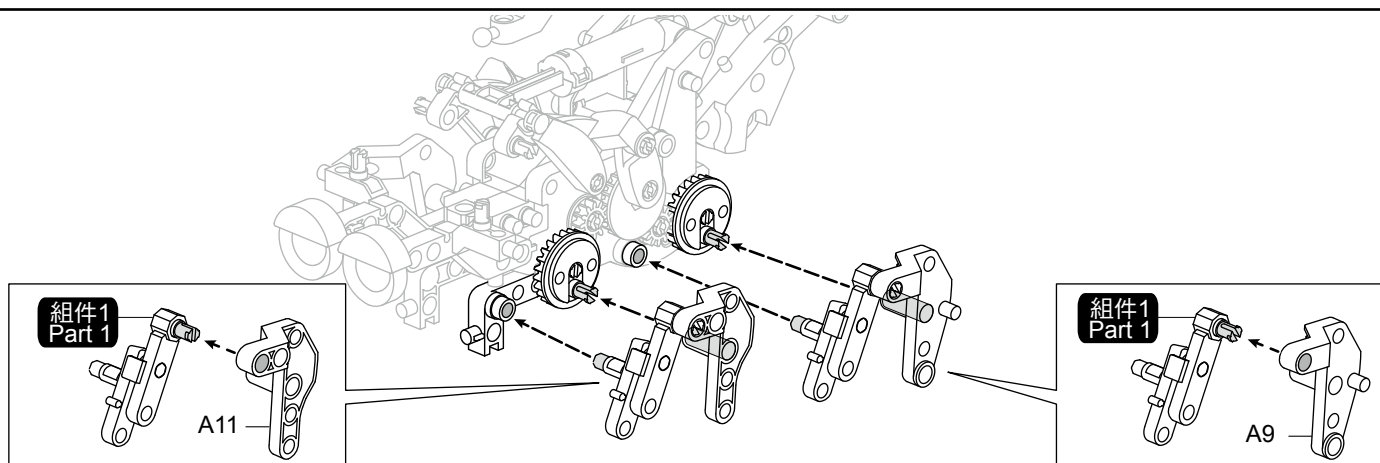
▶ 右側 Right Side



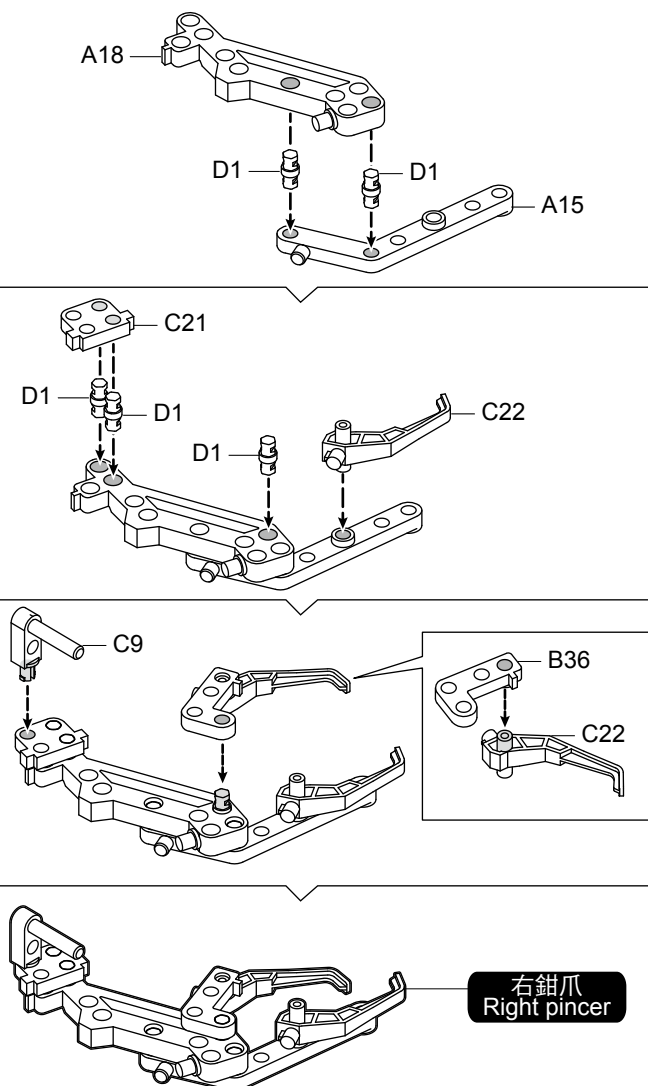
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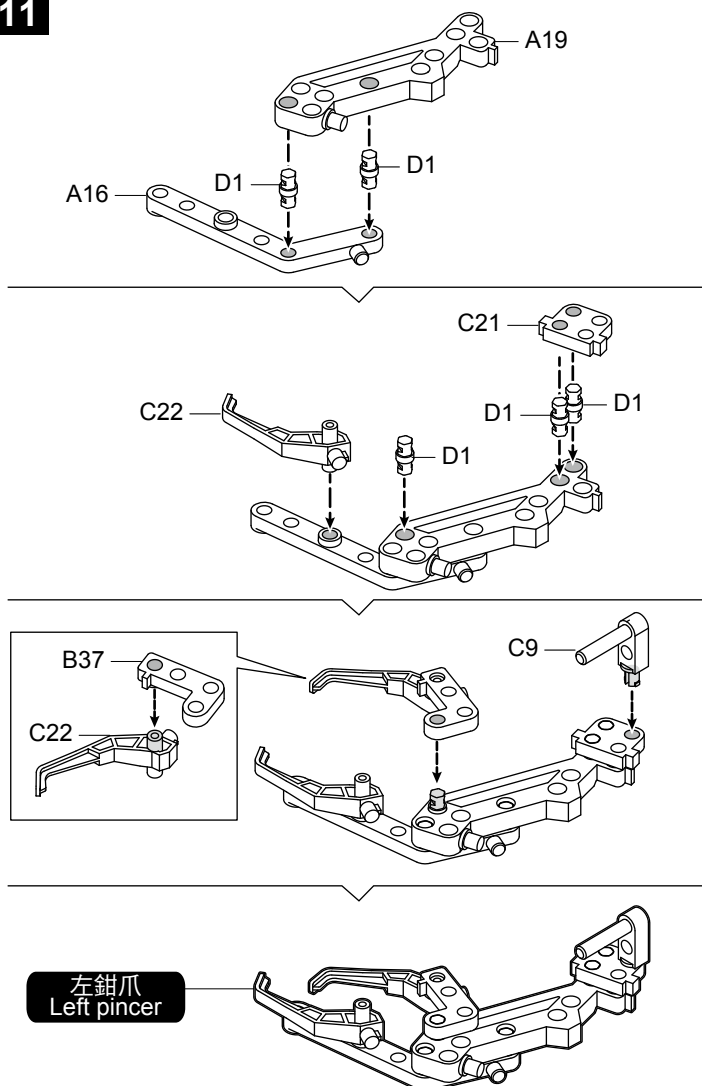
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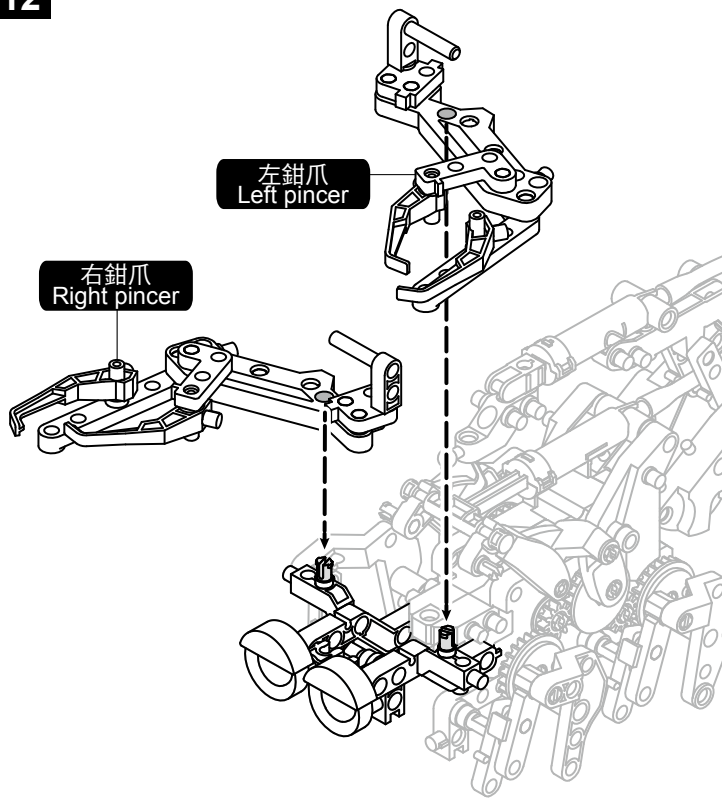
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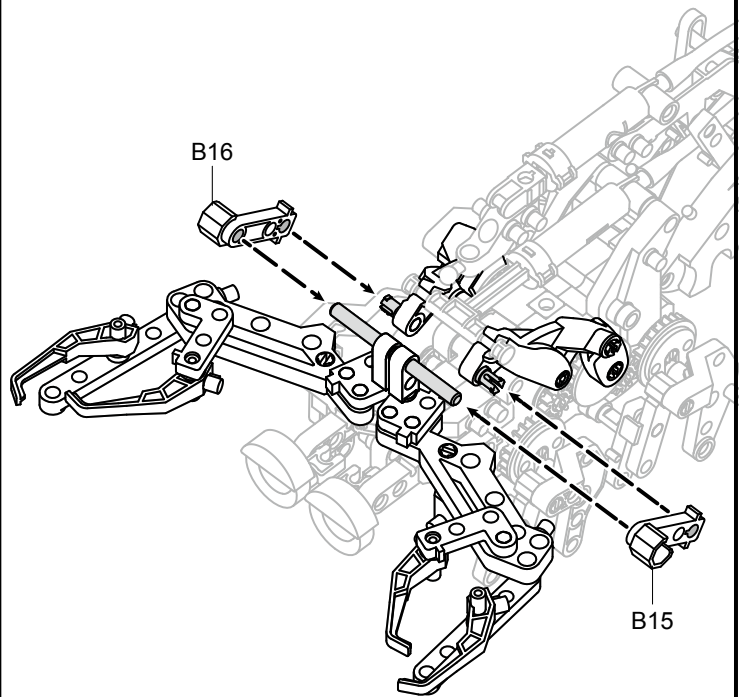
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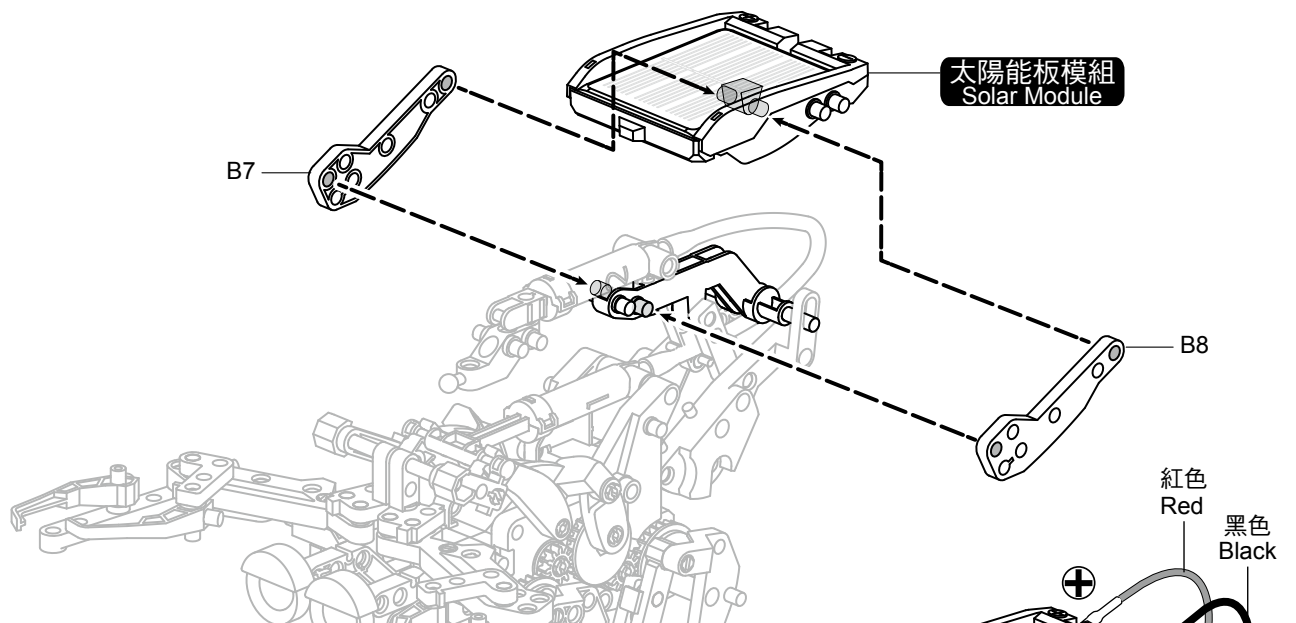
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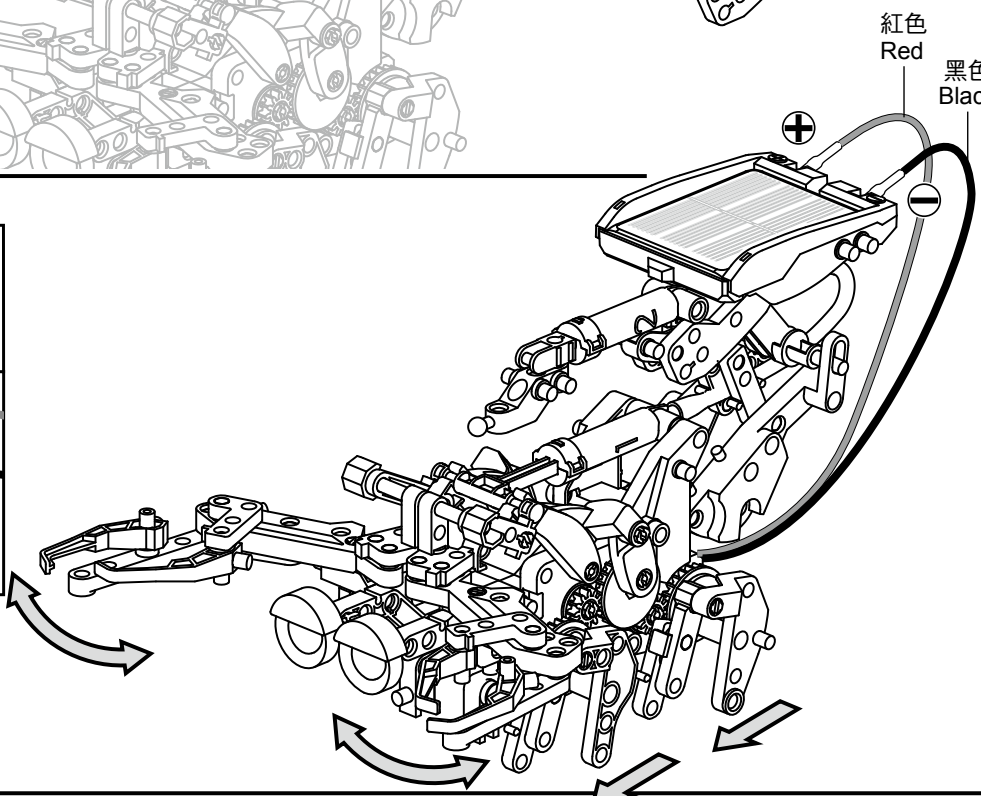
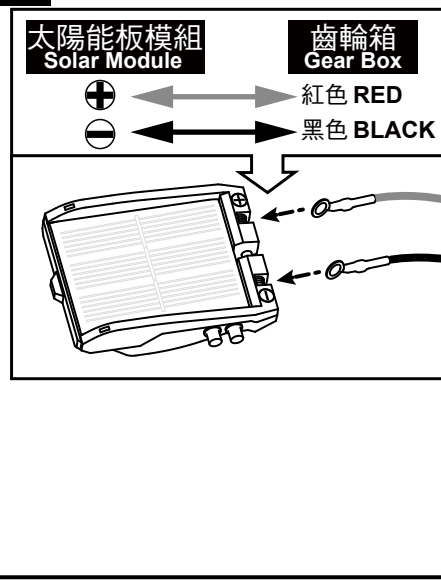
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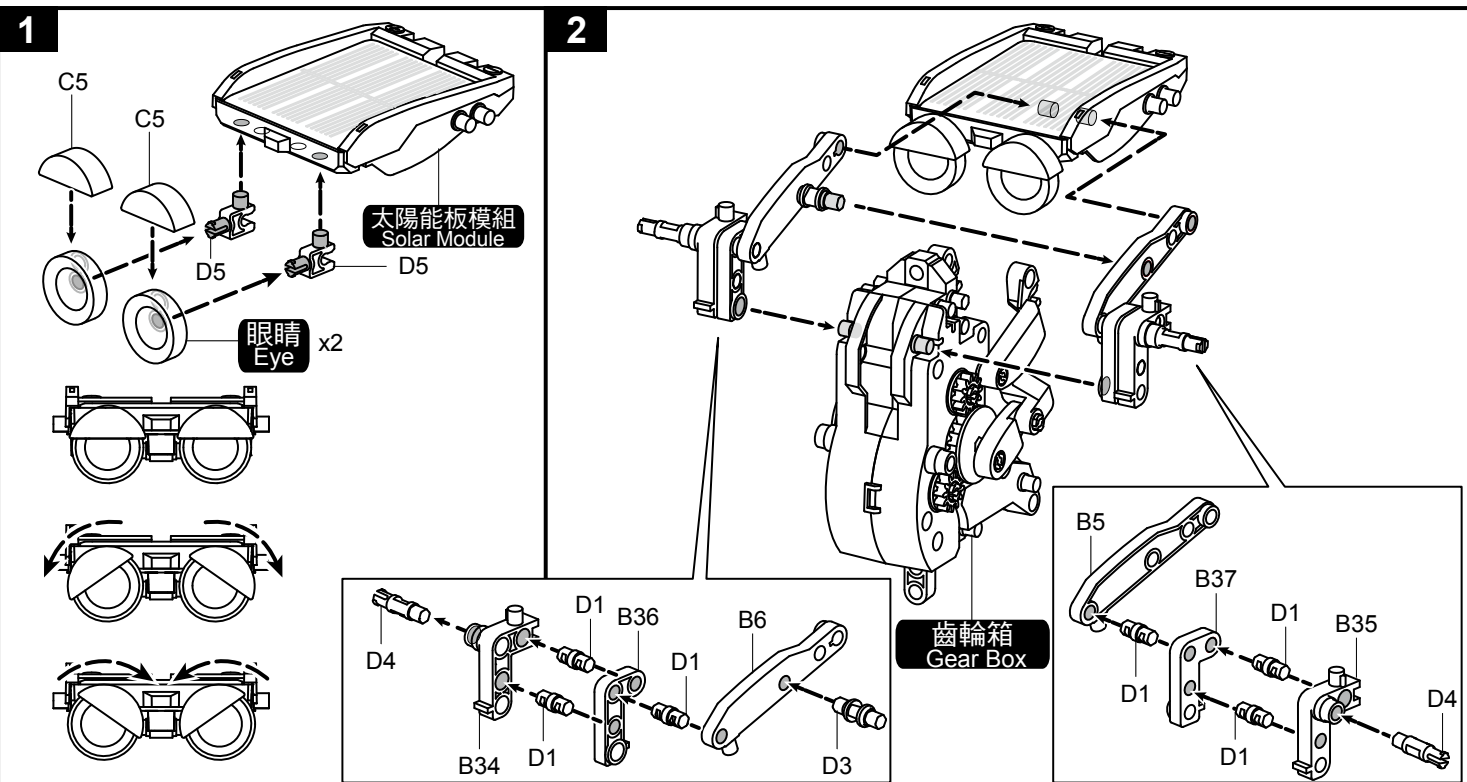
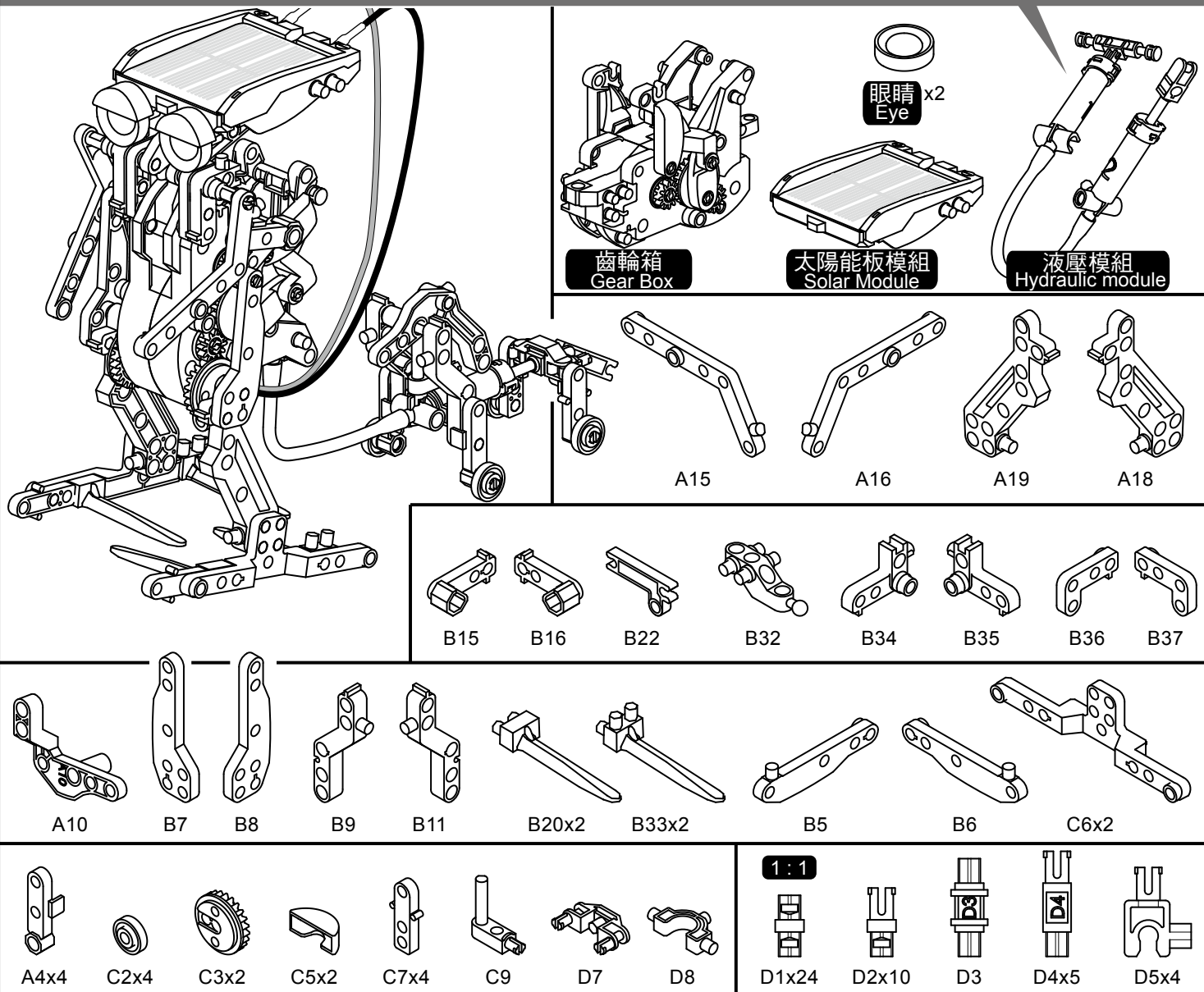


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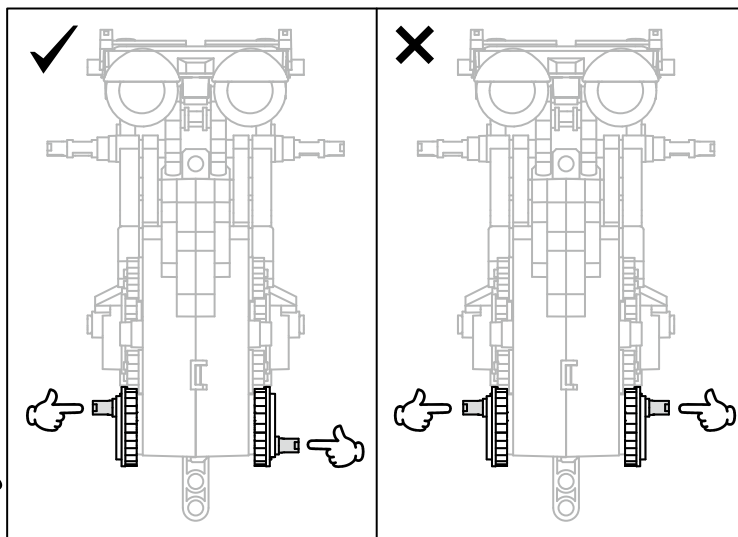
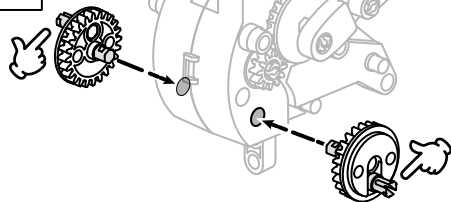
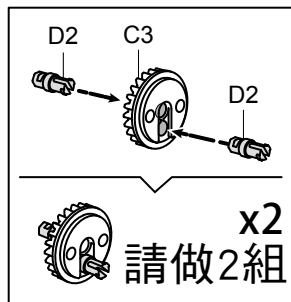


07. 主人與狗 Master & dog Assembly

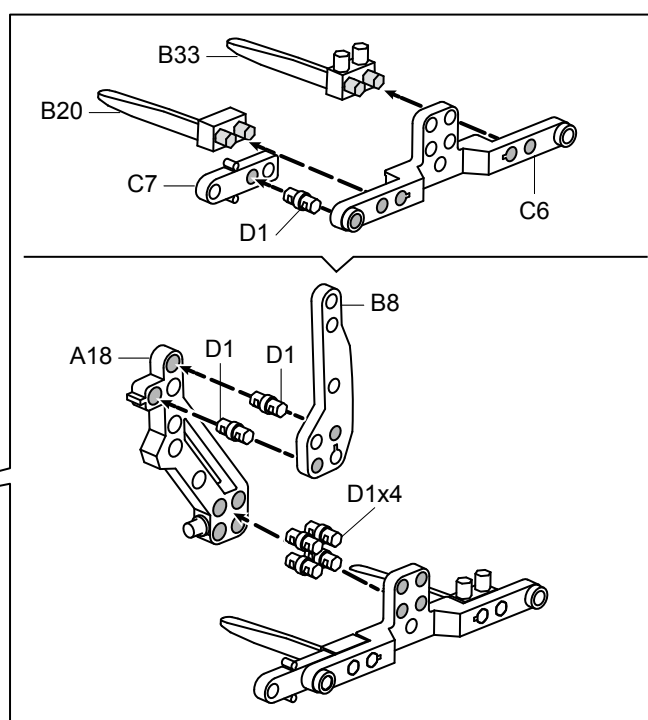
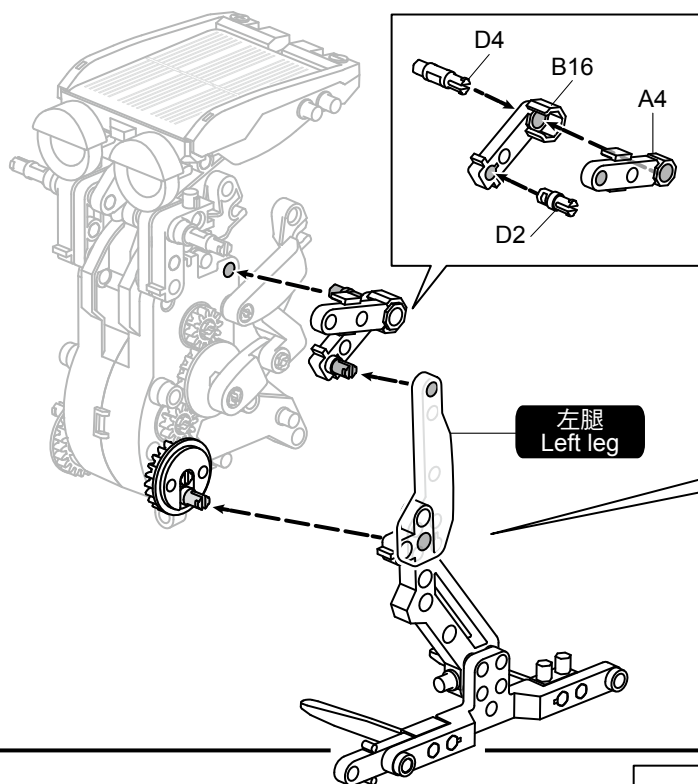
 請於組裝前確認液壓筒中的空氣狀況並適時加水 Before assembly check the air condition in the cylinder and add water if necessary



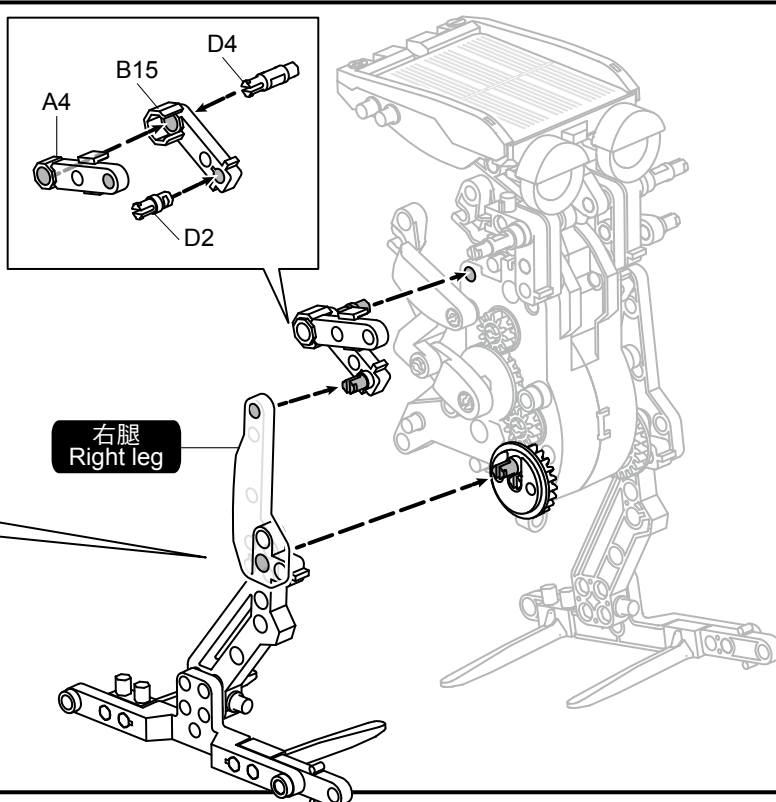
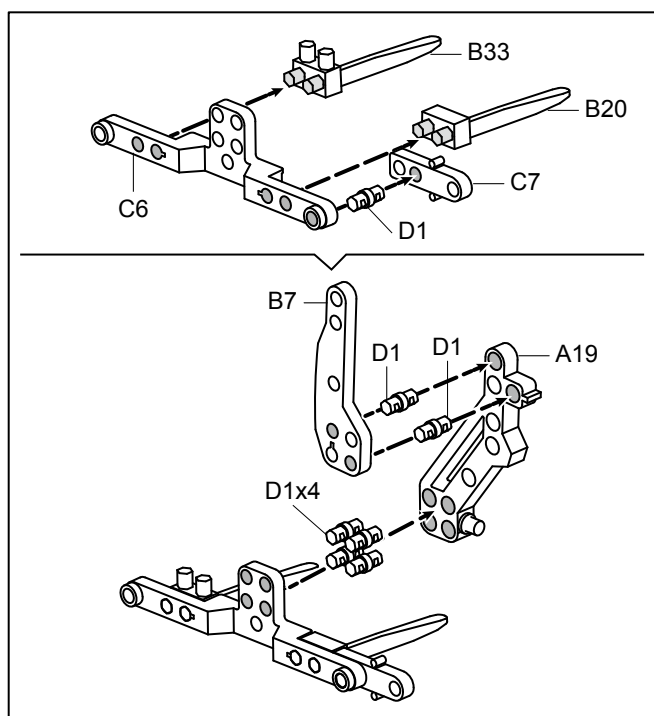
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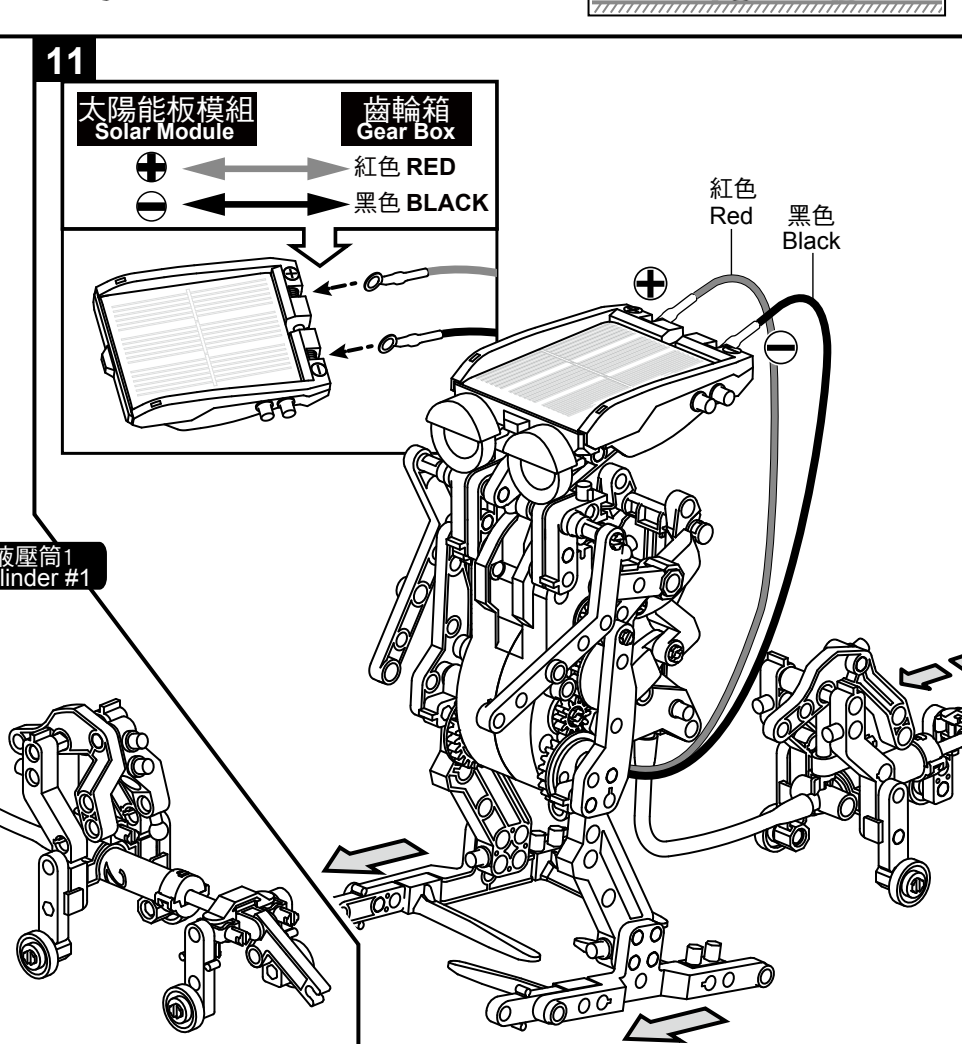
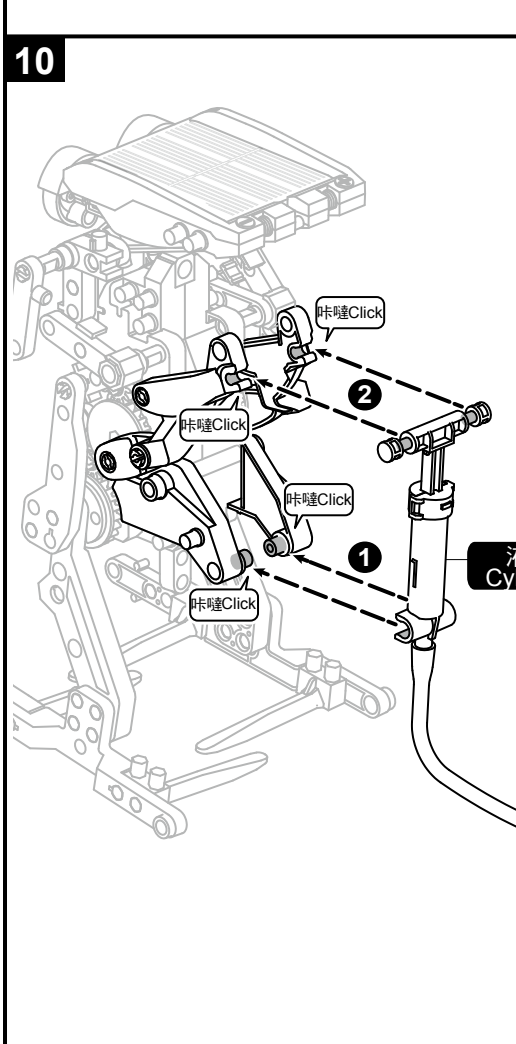
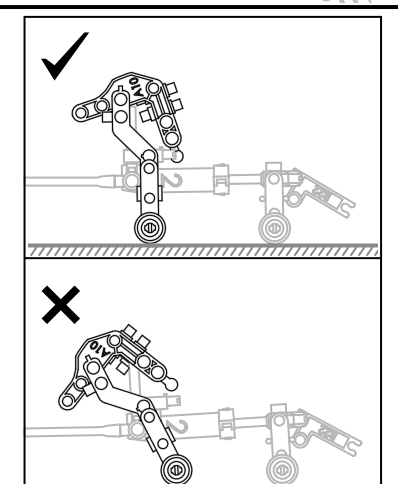
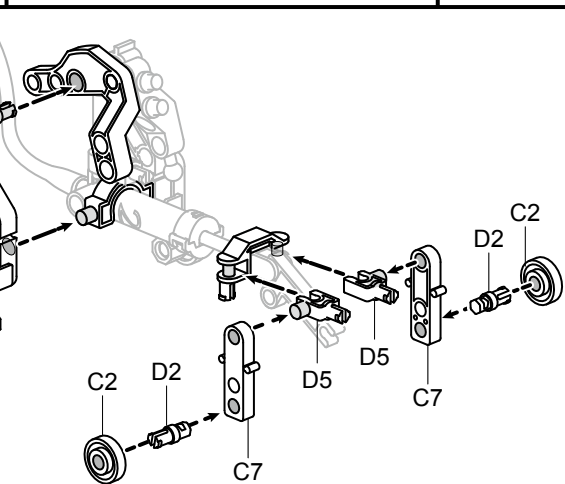
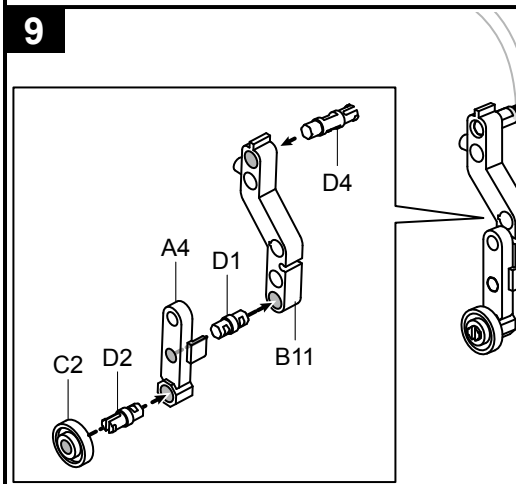
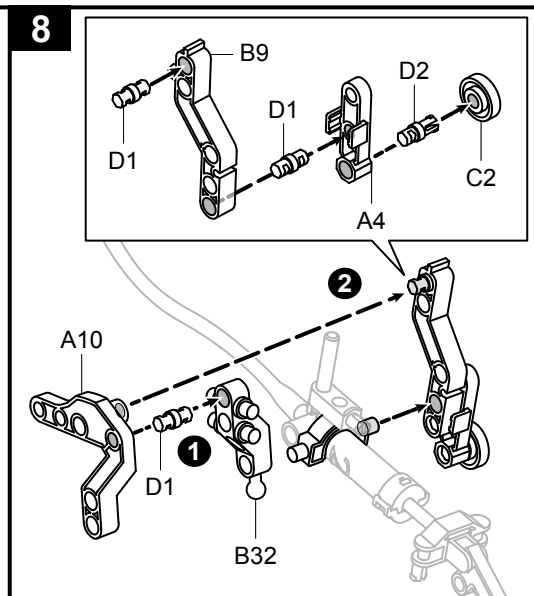
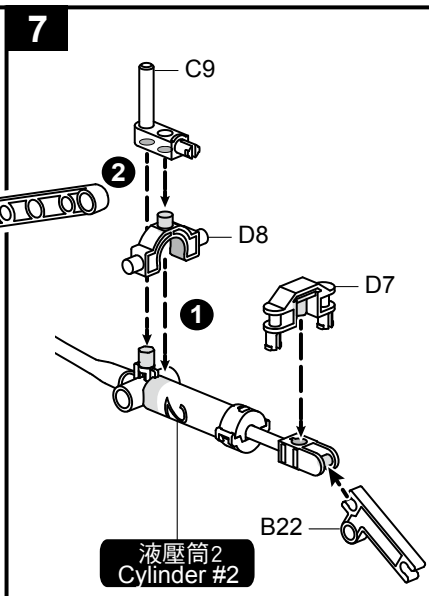
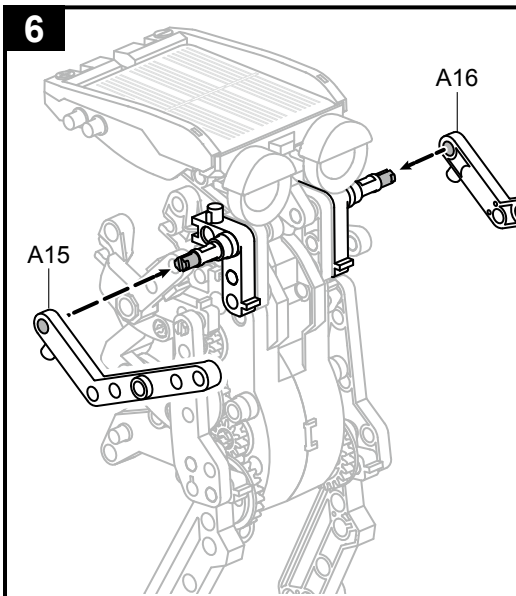


4



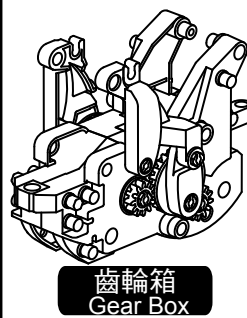
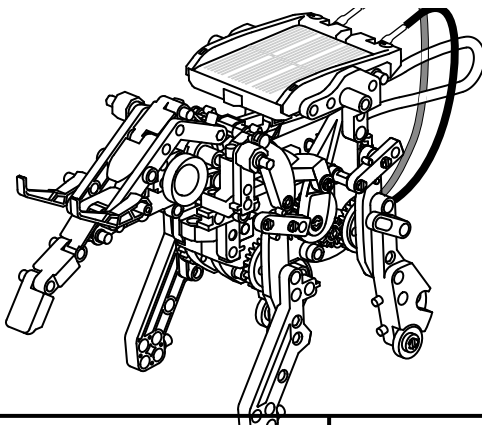
5





07. 機械象 Elephant Assembly

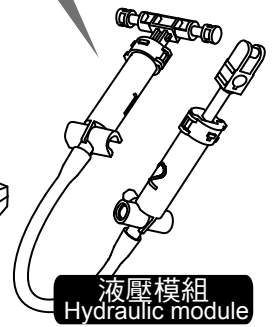
 請於組裝前確認液壓筒中的空氣狀況並適時加水 Before assembly check the air condition in the cylinder and add water if necessary



齒輪箱
Gear Box

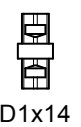


太陽能板模組
Solar Module

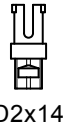


液壓模組
Hydraulic module

1:1



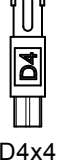
D1x14



D2x14



D3x2



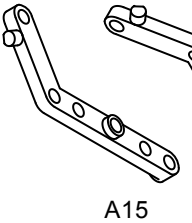
D4x4



C22x2



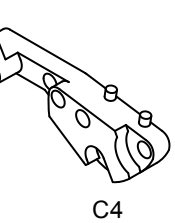
C3x4



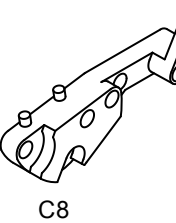
A15



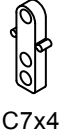
A16



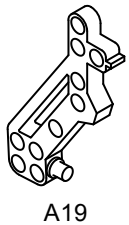
C4



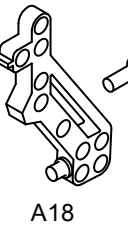
C8



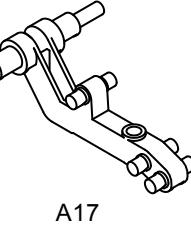
C7x4



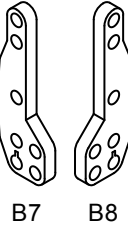
A19



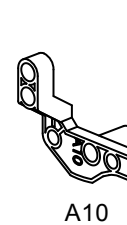
A18



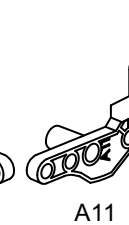
A17



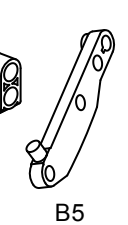
B7



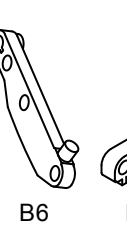
B8



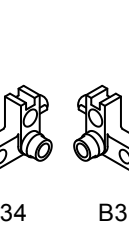
A10



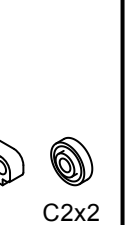
A11



B5



B6



B34



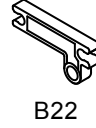
B35



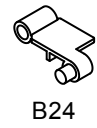
C2x2



C21x2



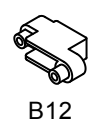
B22



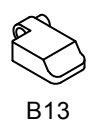
B24



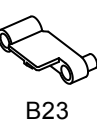
B1x2



B12



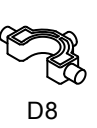
B13



B23



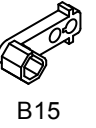
B29



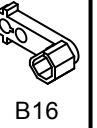
D8



B14x4

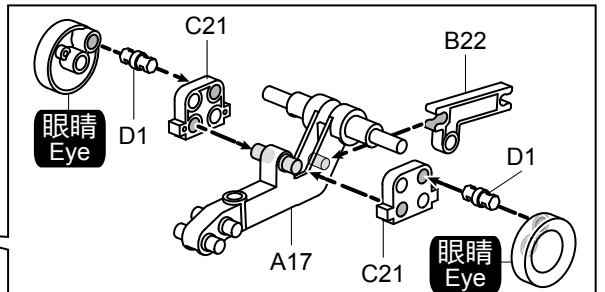
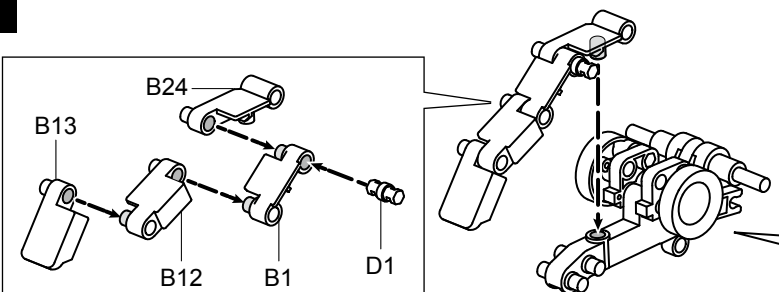


B15

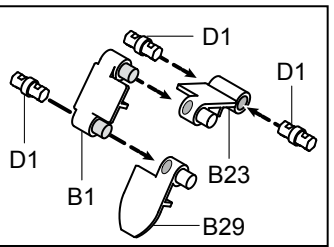
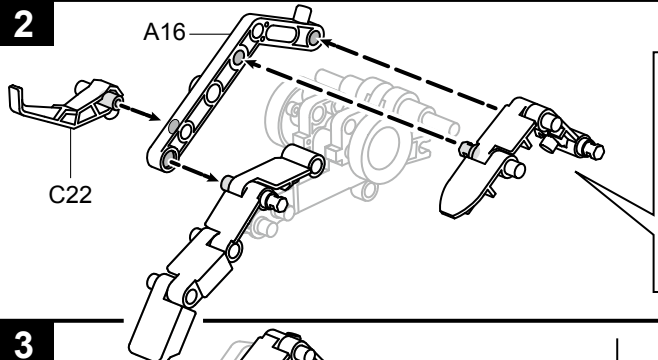


B16

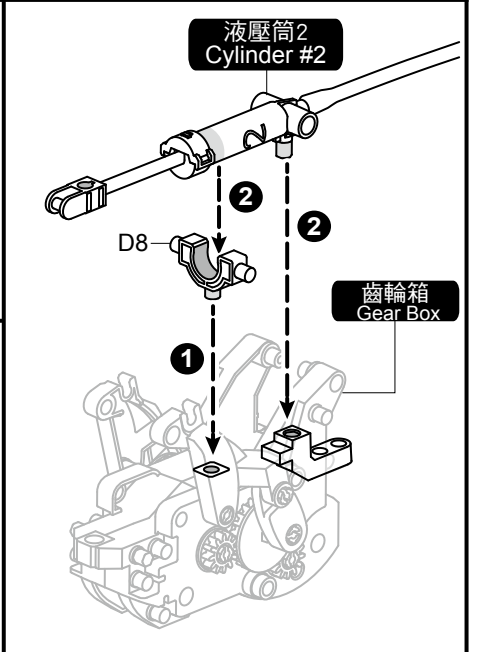
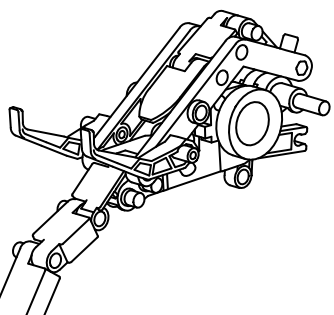
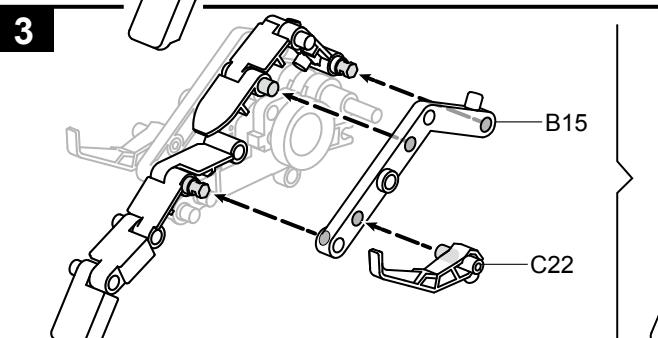
1

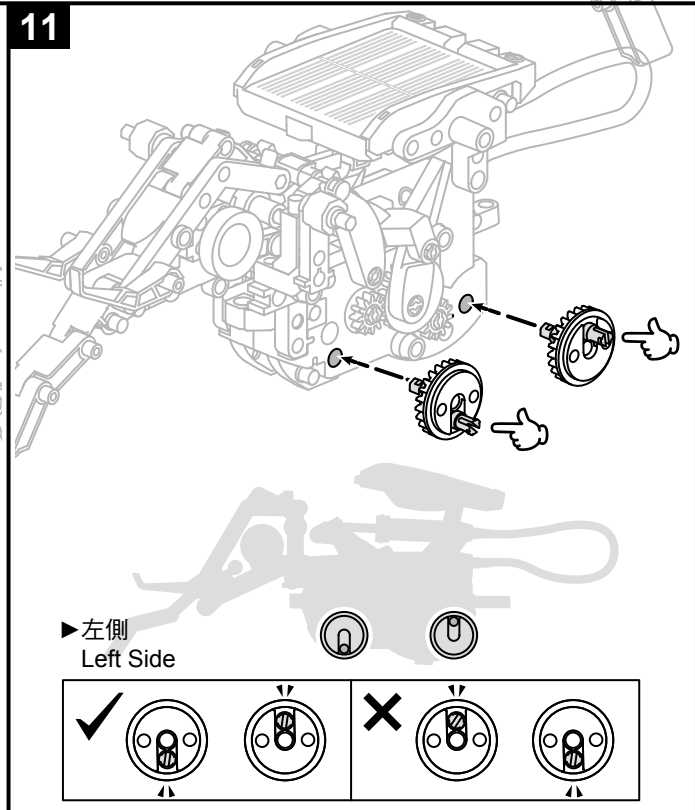
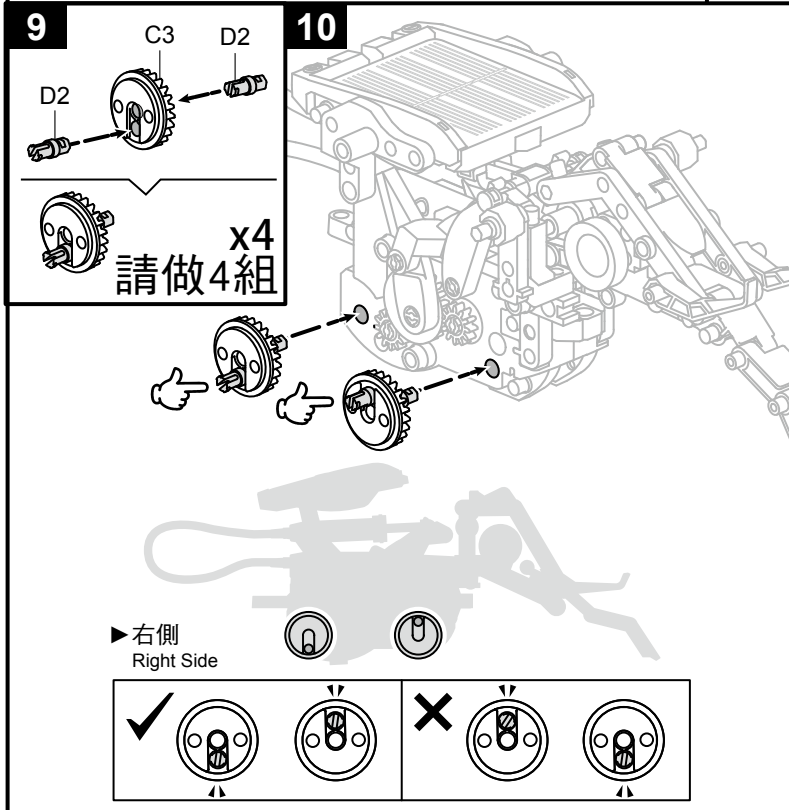
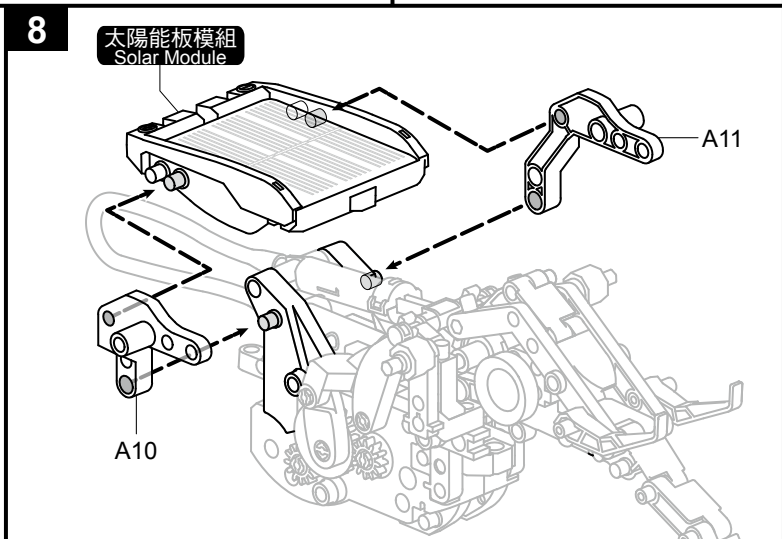
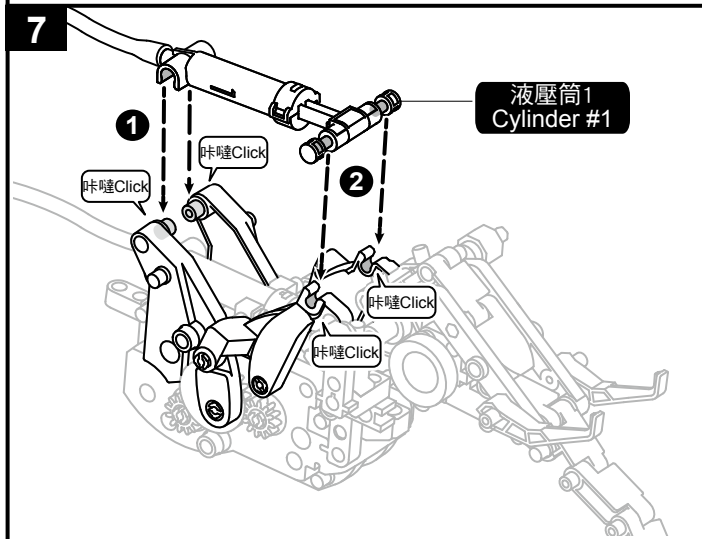
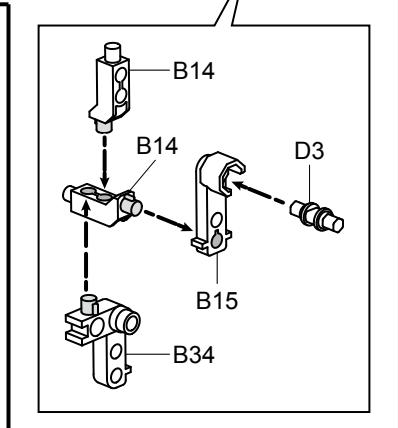
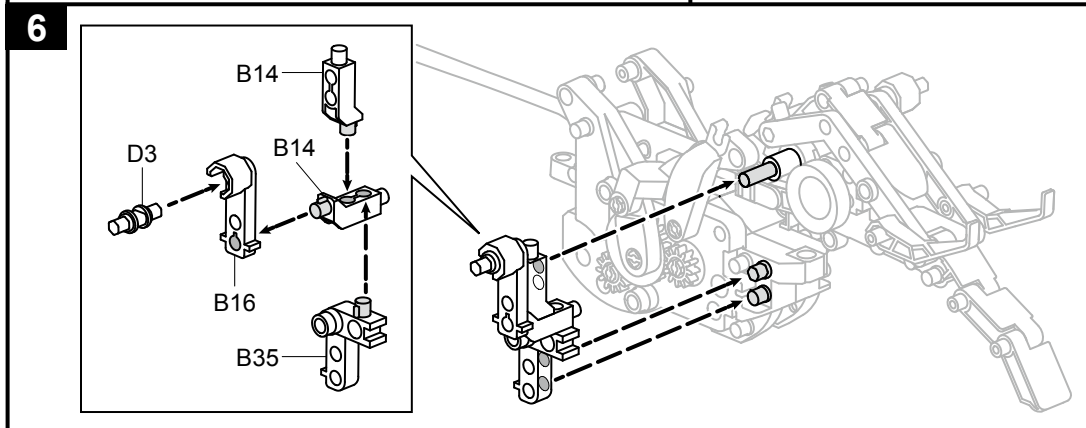
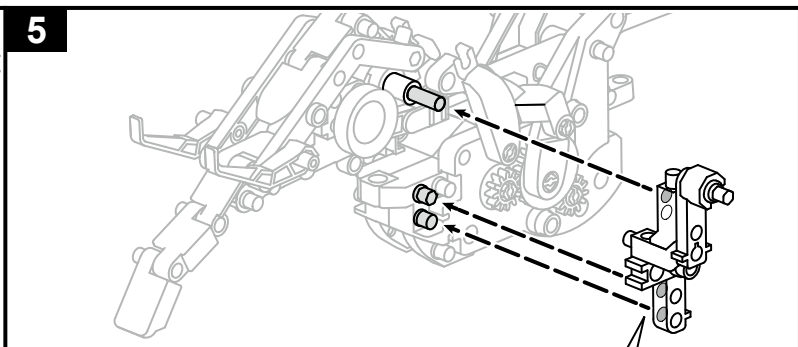
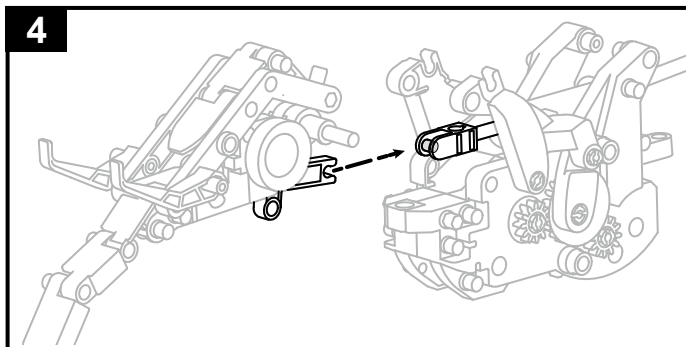


2

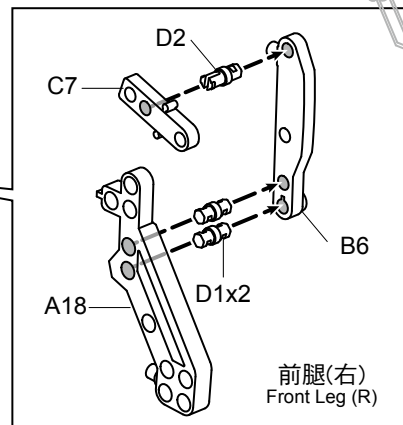
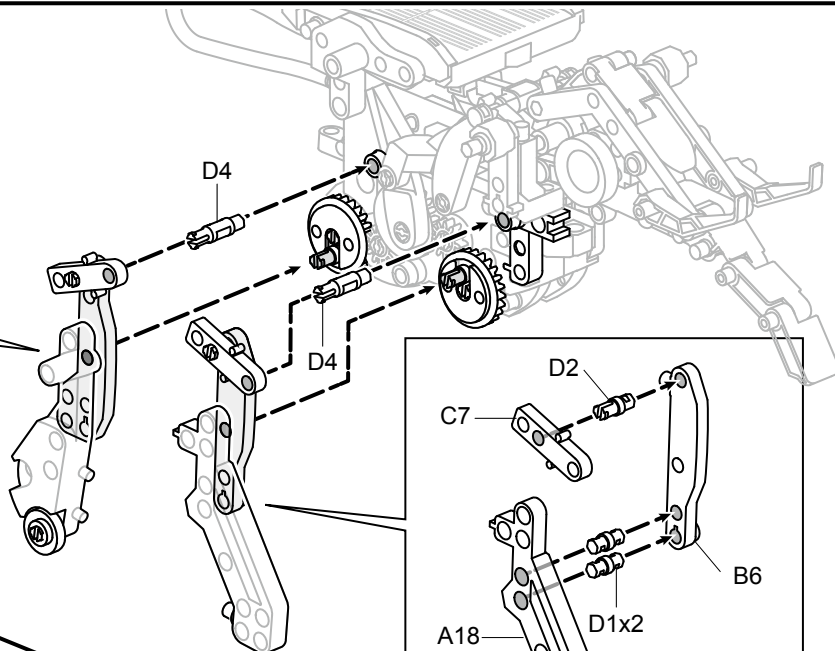
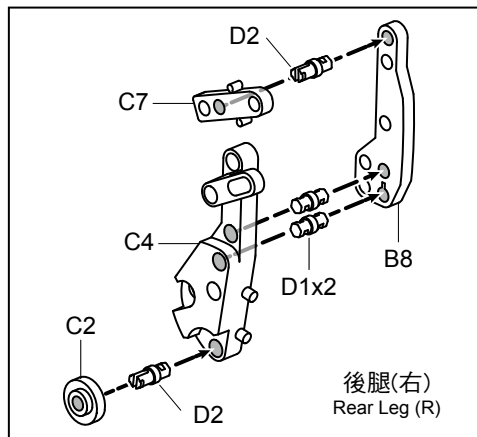


3

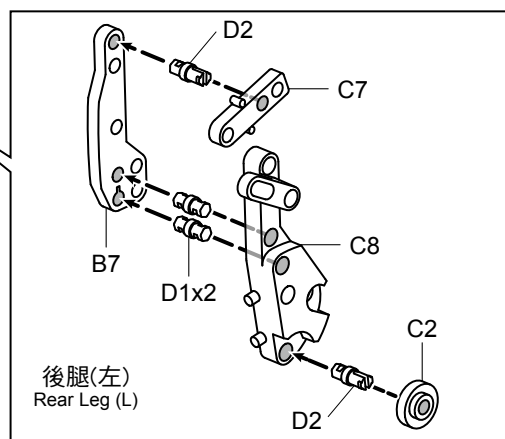
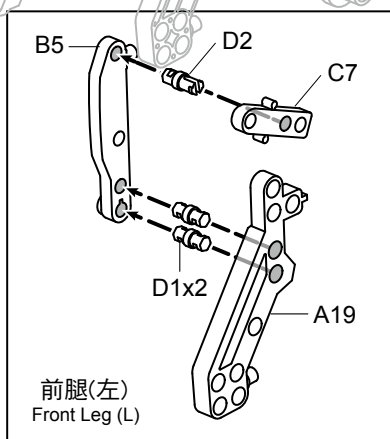
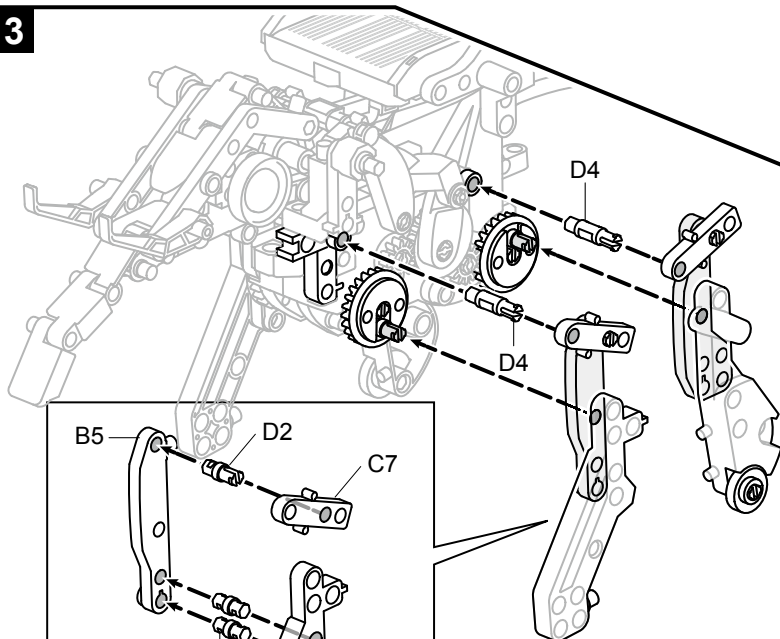




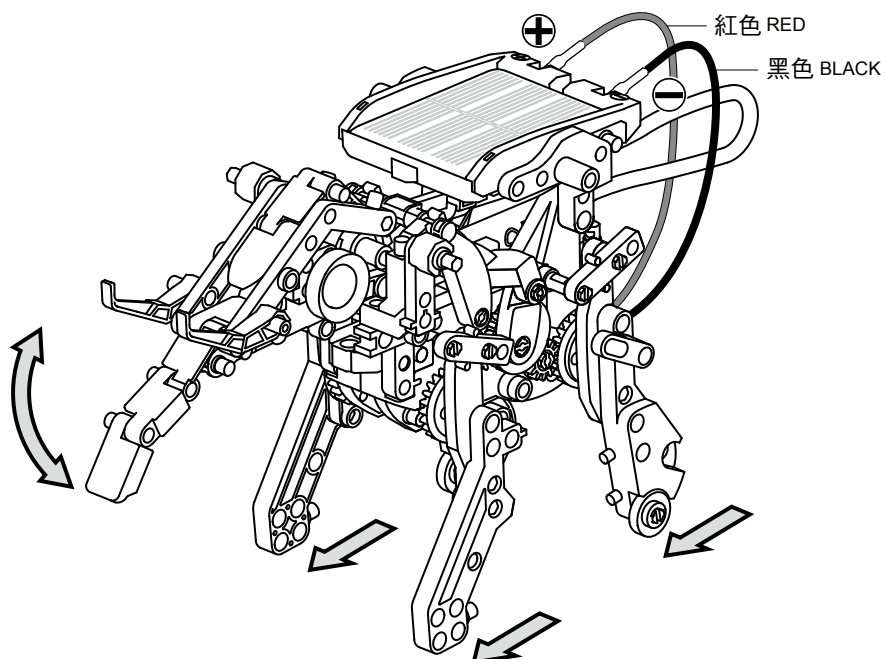
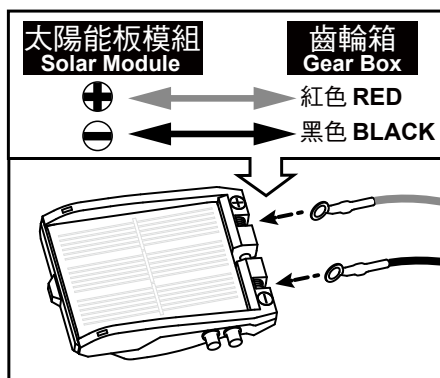
12



13

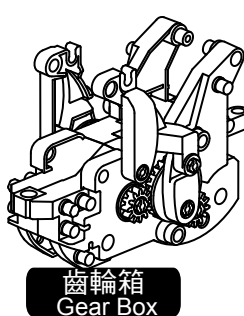
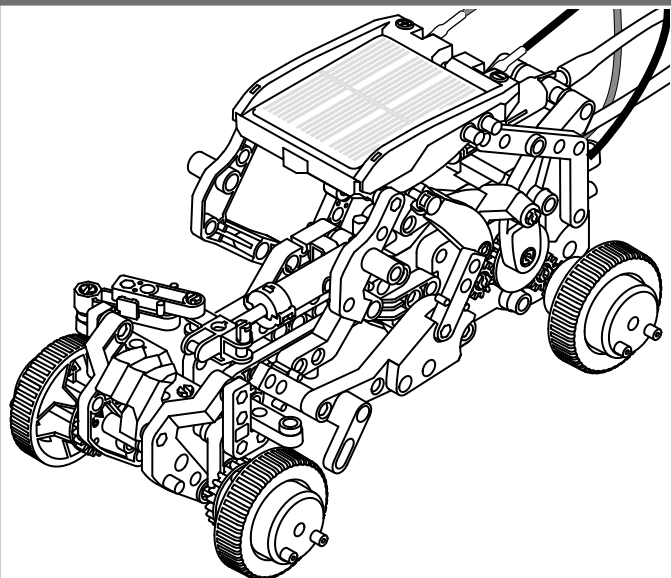


14

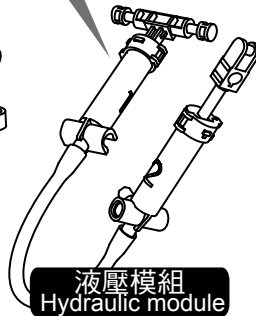


09. 機械馬車 Buggy Assembly

👉 請於組裝前確認液壓筒中的空氣狀況並適時加水 Before assembly check the air condition in the cylinder and add water if necessary



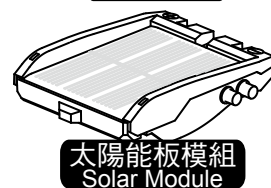
齒輪箱
Gear Box



液壓模組
Hydraulic module



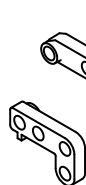
右爪
Claw (Right)



太陽能板模組
Solar Module



B36



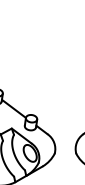
B37



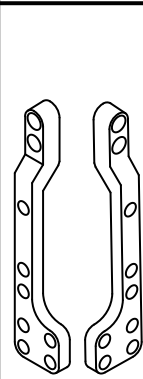
C6



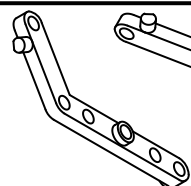
C4



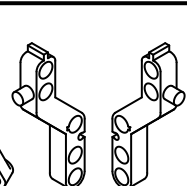
C8



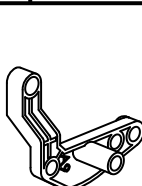
A3 A7



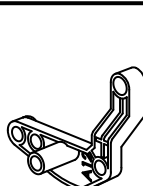
A15 A16



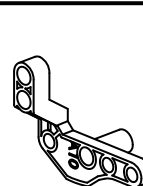
B11 B9



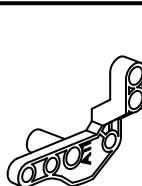
A9



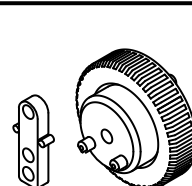
A12



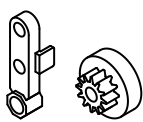
A10



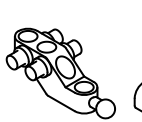
A11



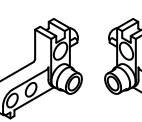
C7x5 C19x4



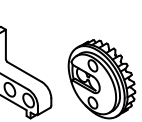
A4



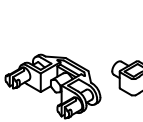
C20x2



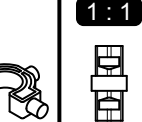
B32



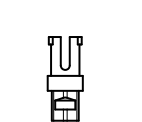
B34



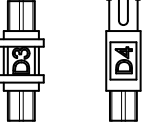
B35



C3x2

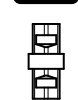


D7

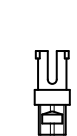


D8

1:1



D1x25



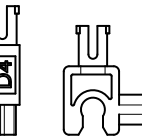
D2x5



D3x2

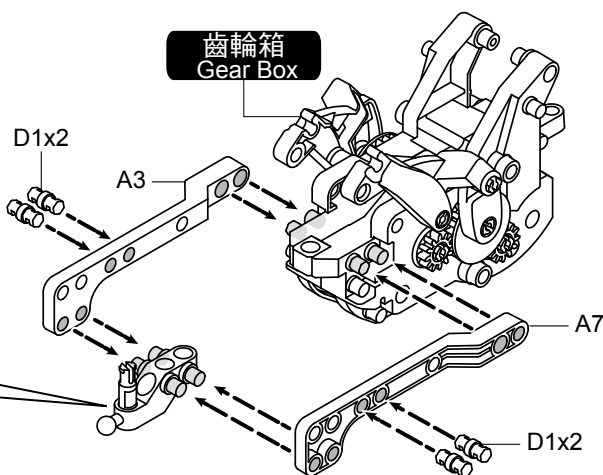
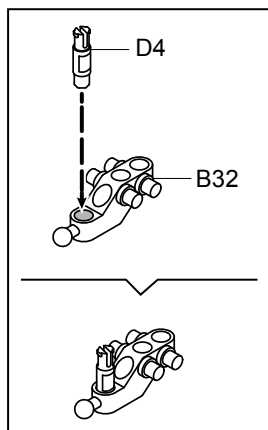


D4x3

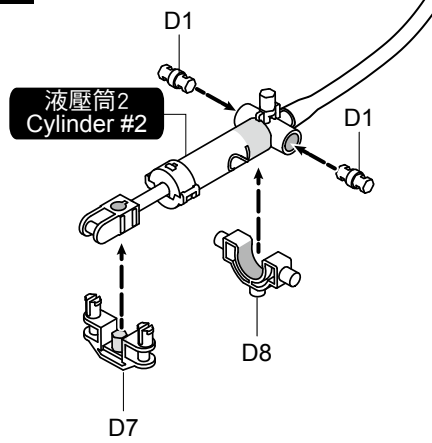


D5x2

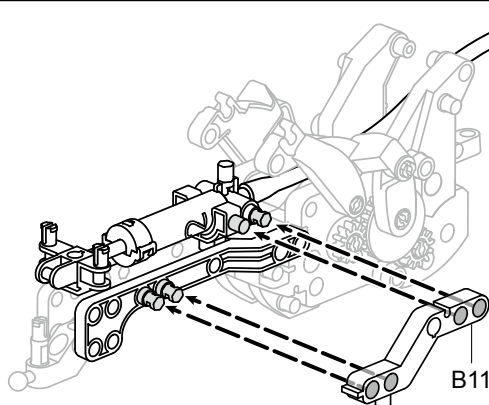
1



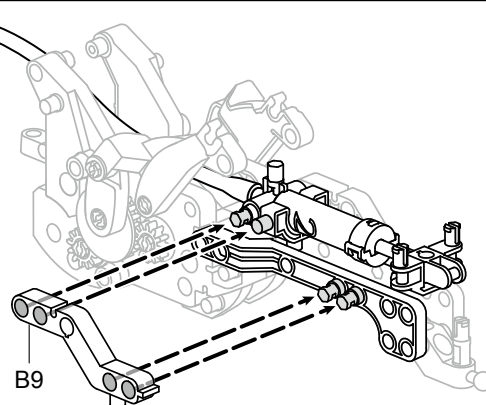
2



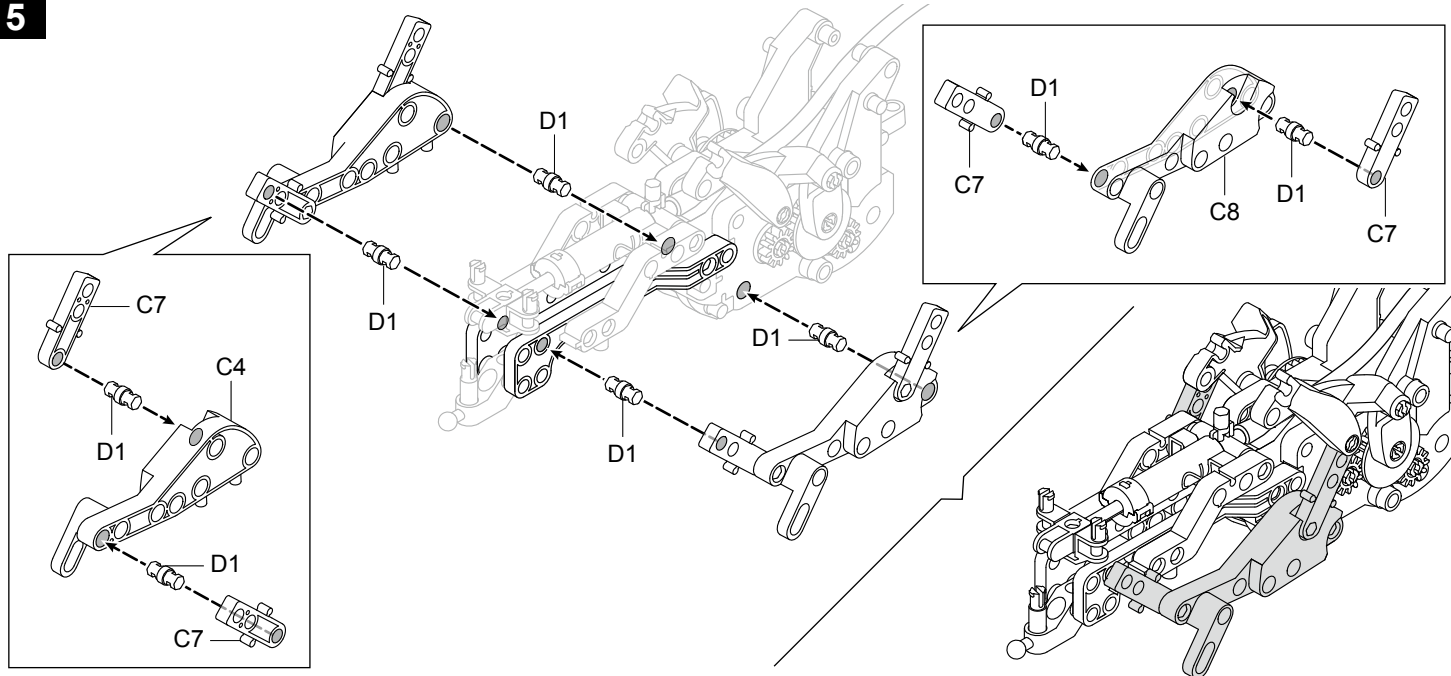
3



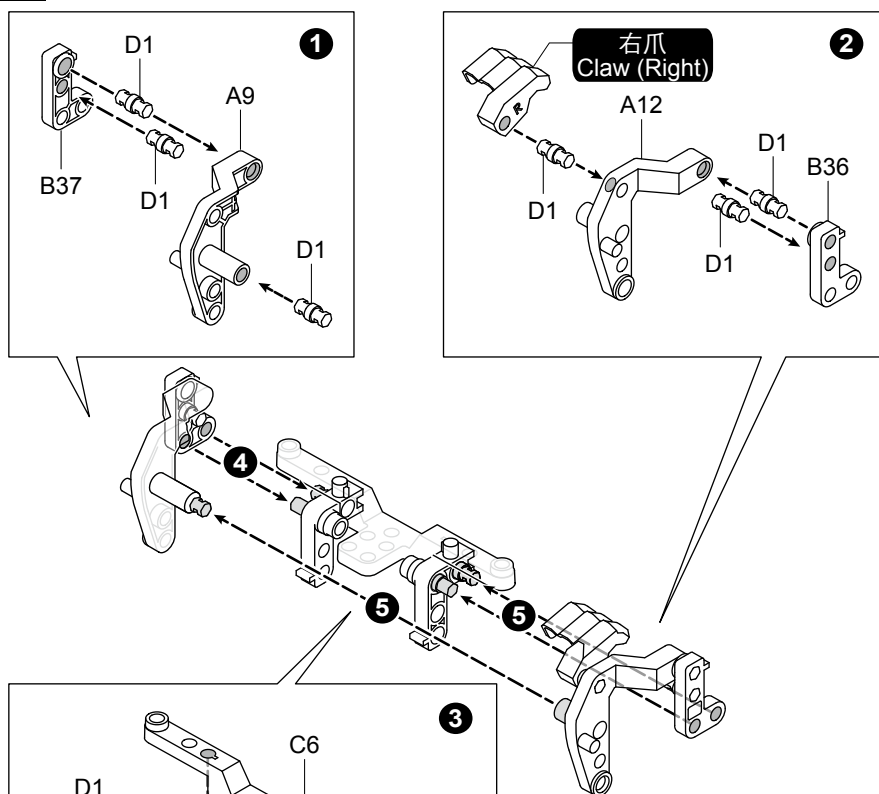
4



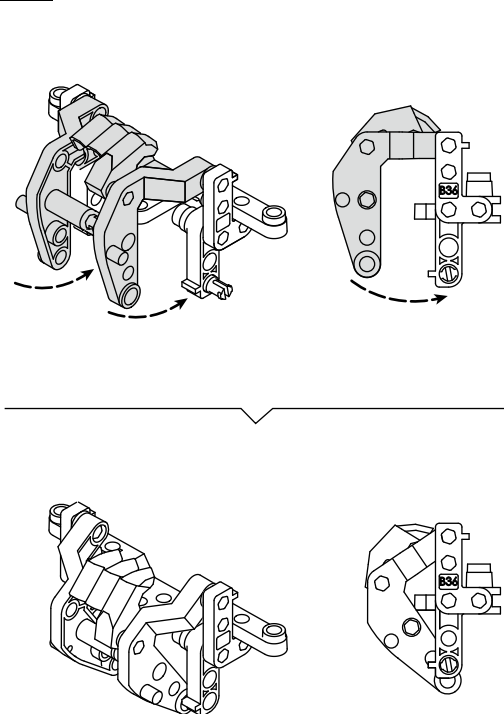
5



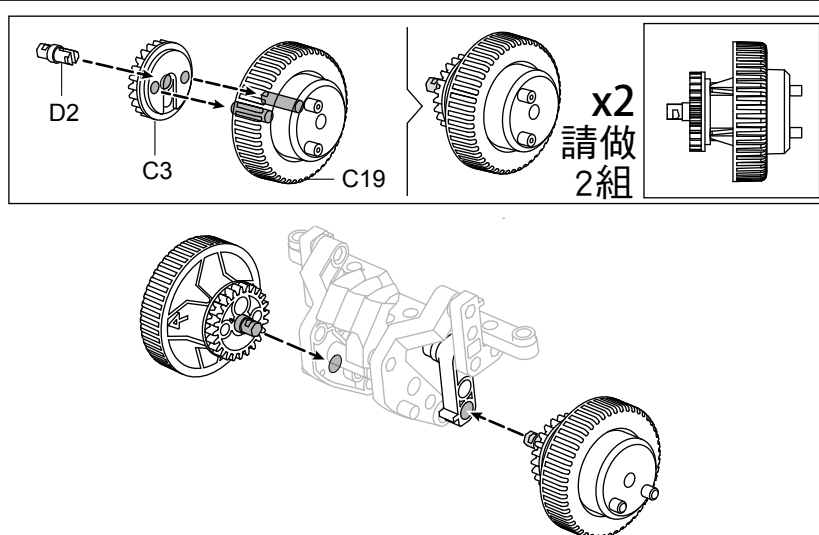
6



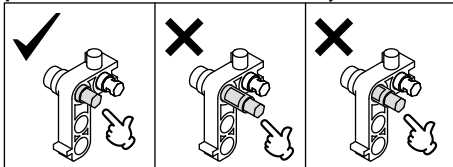
7



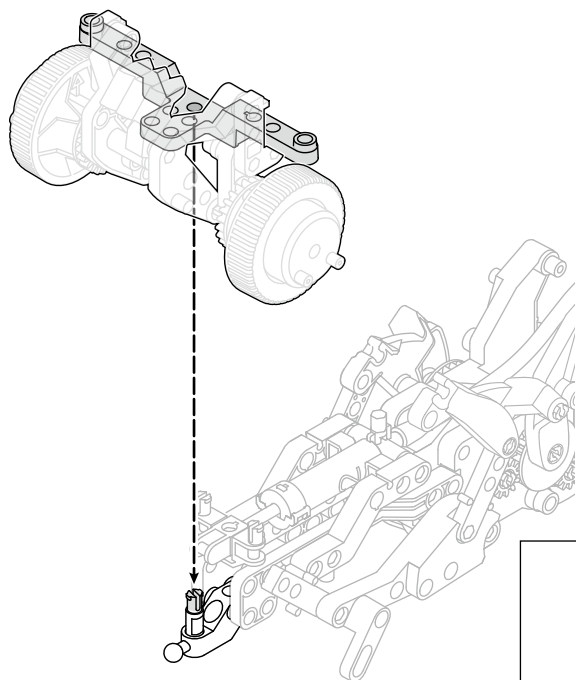
8



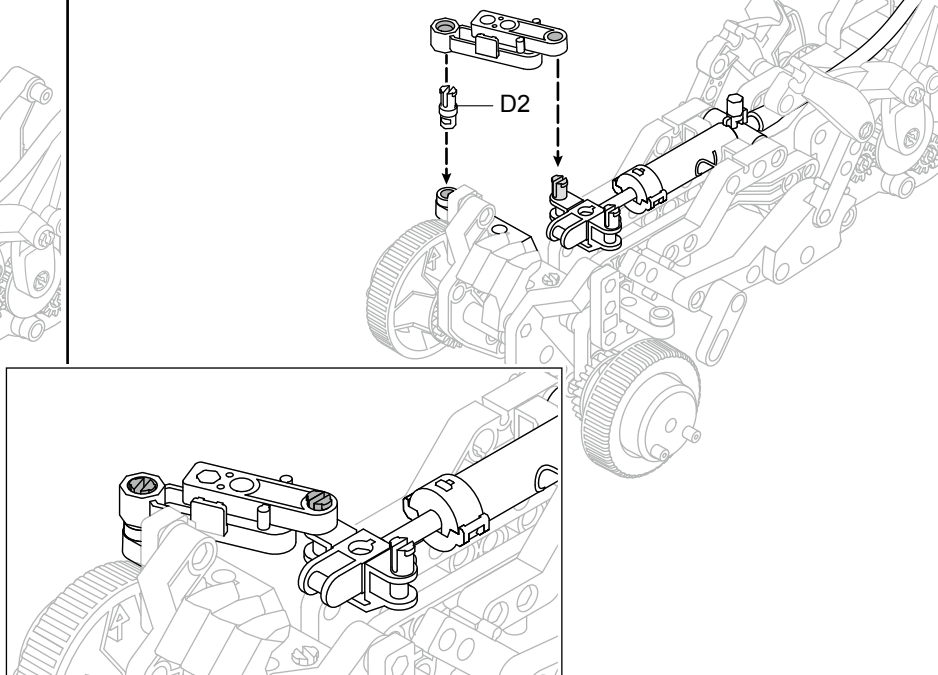
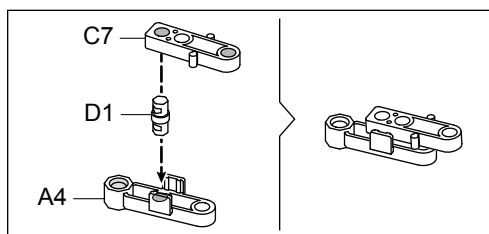
請將D4壓至底
push D4 to the bottom entirely



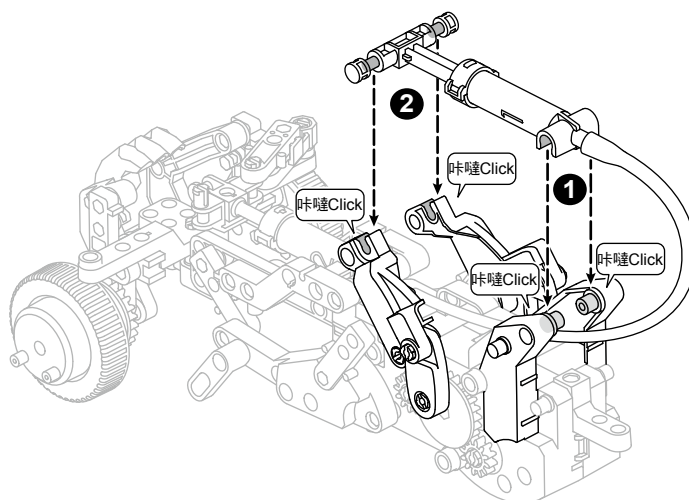
9



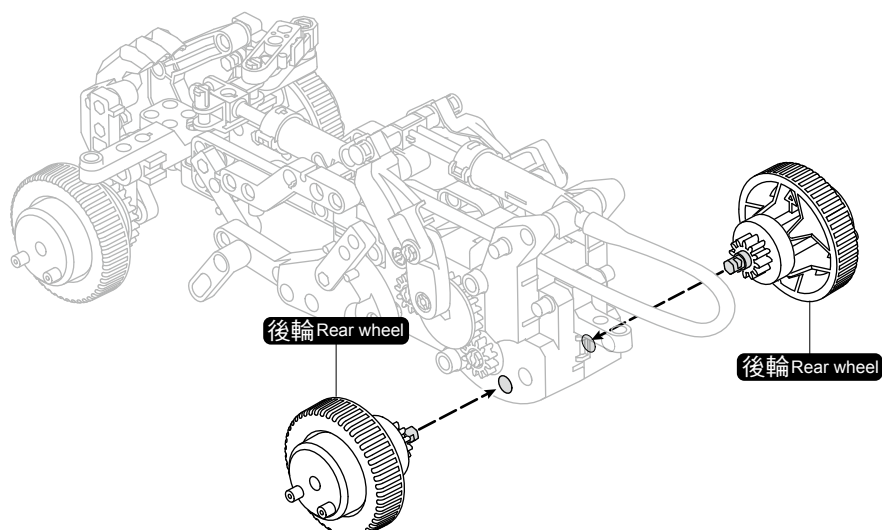
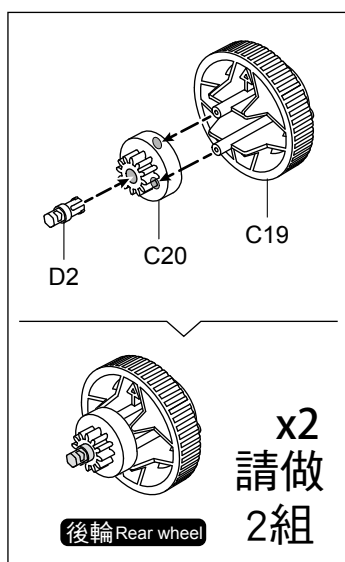
10



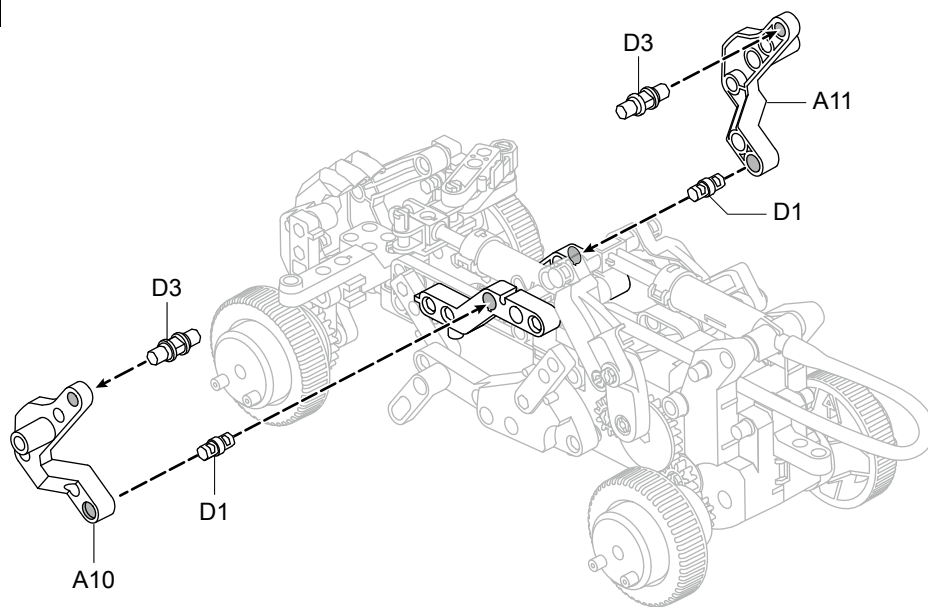
11



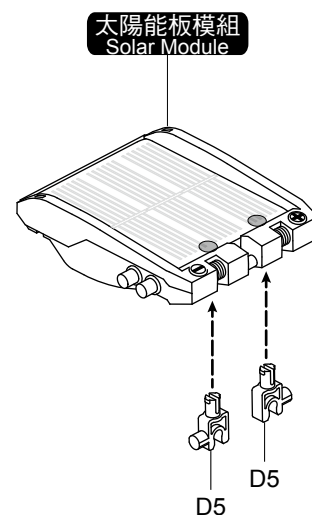
12



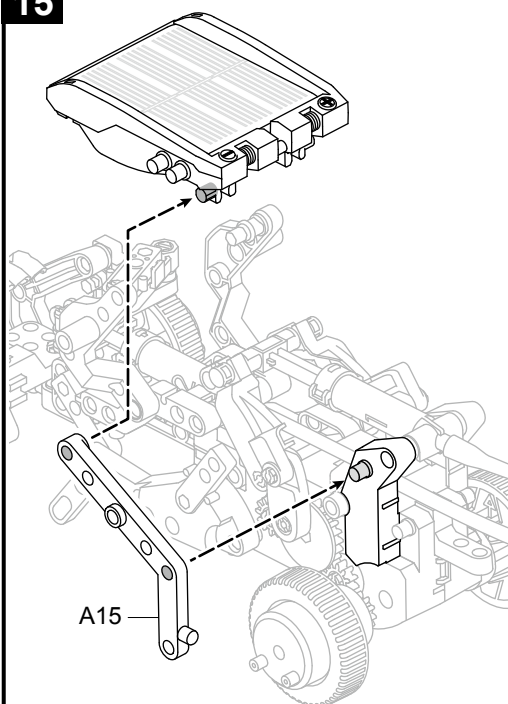
13



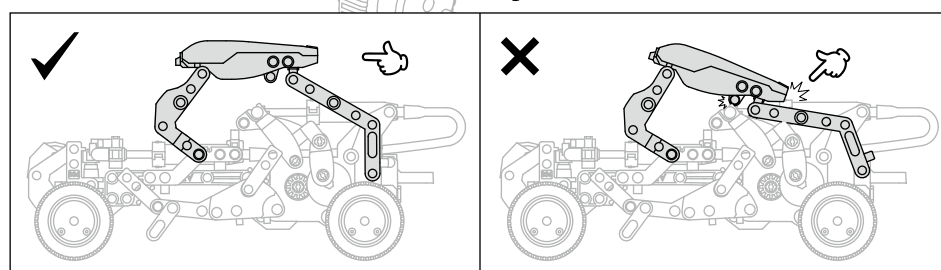
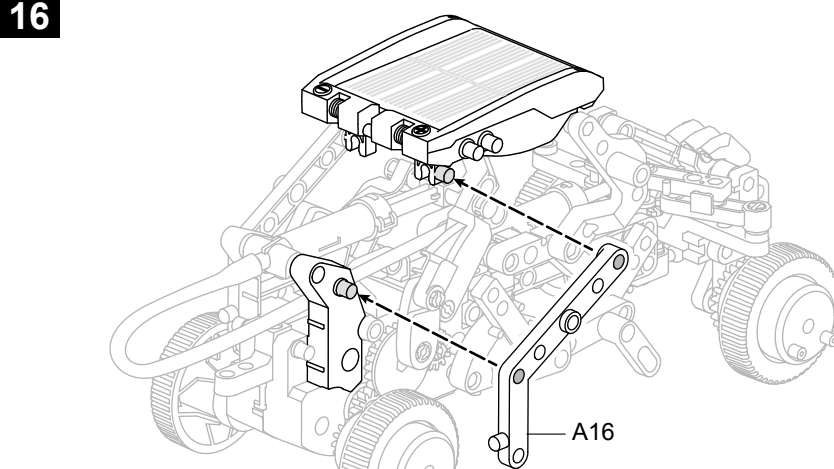
14



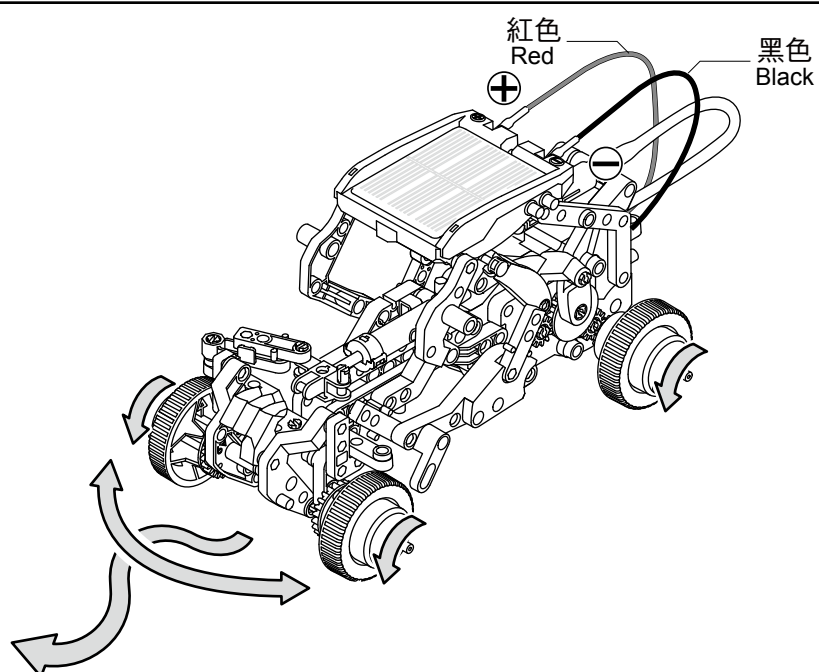
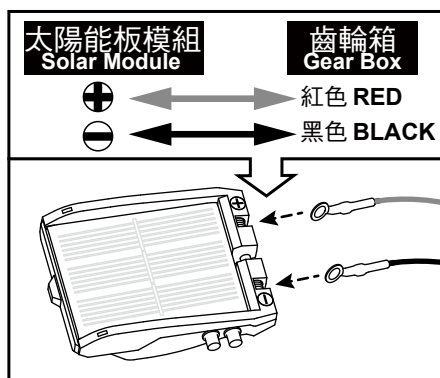
15



16

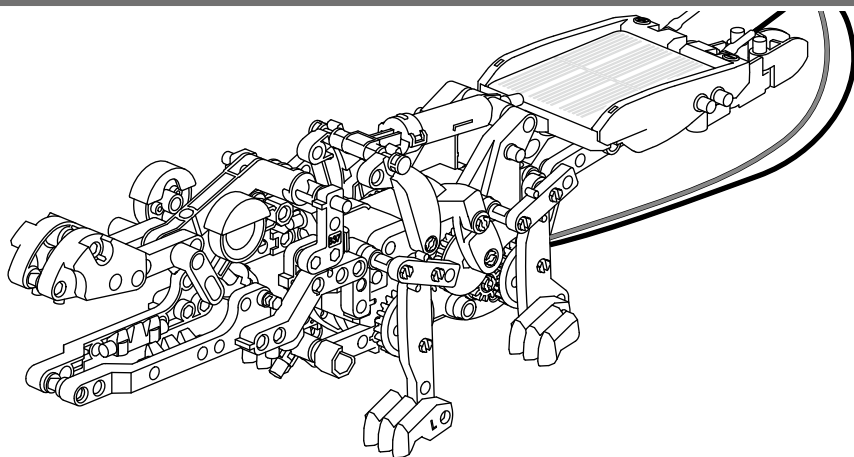


17



10. 機械鱷魚 Crocodile Assembly

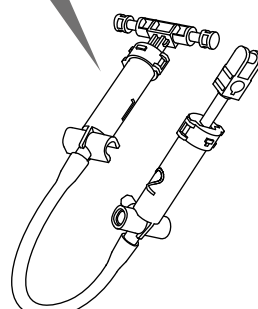
請於組裝前確認液壓筒中的空氣狀況並適時加水 Before assembly check the air condition in the cylinder and add water if necessary



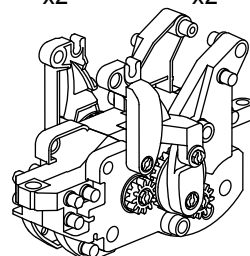
右爪
Claw (Right)
x2



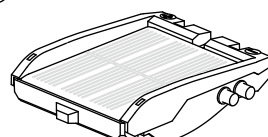
左爪
Claw (Left)
x2



液壓模組
Hydraulic module



齒輪箱
Gear Box



太陽能板模組
Solar Module

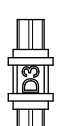
1:1



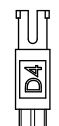
D1x24



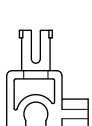
D2x14



D3x4



D4x4



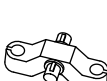
D5



C5x2



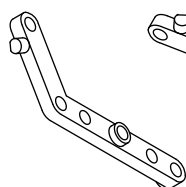
C7x4



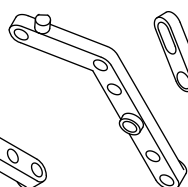
C17



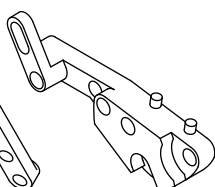
C21x2



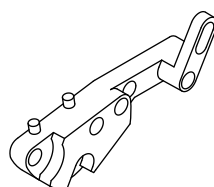
A15



A16



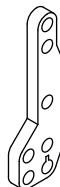
C4



C8



B7



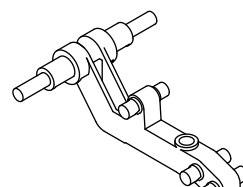
B8



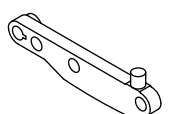
B9



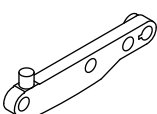
B11



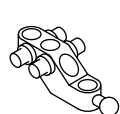
A17



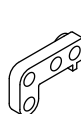
B6



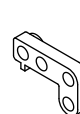
B5



B32



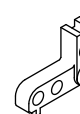
B36



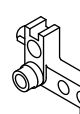
B37



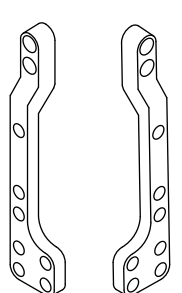
C3x4



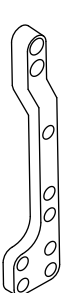
B34



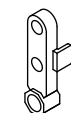
B35



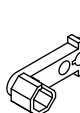
A3



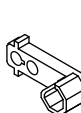
A7



A4x2



B15



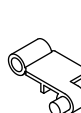
B16



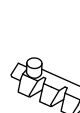
B1x2



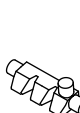
B23



B24



B27



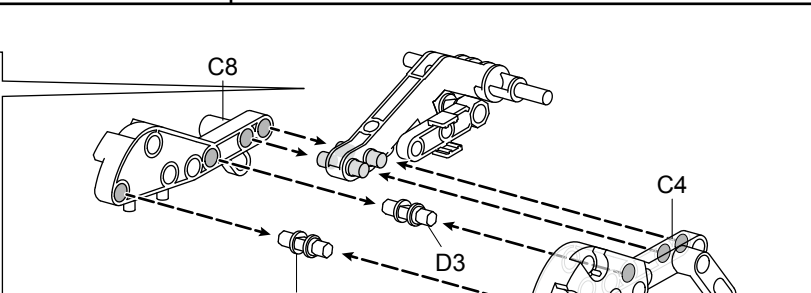
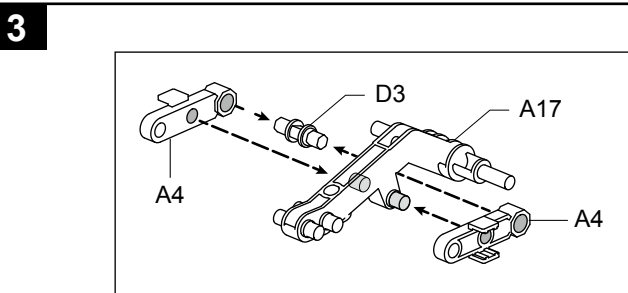
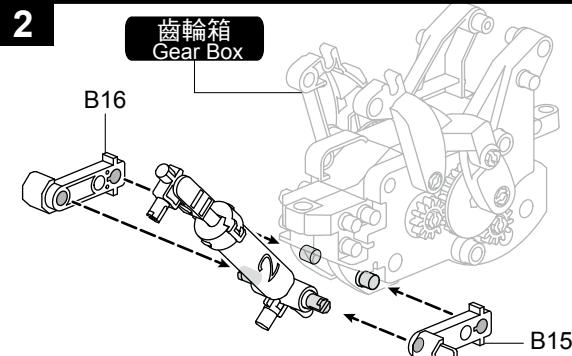
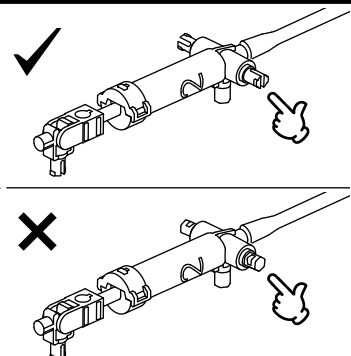
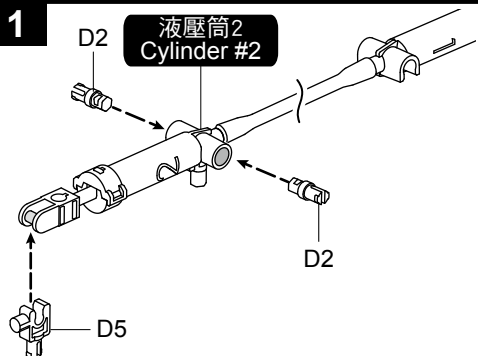
B28



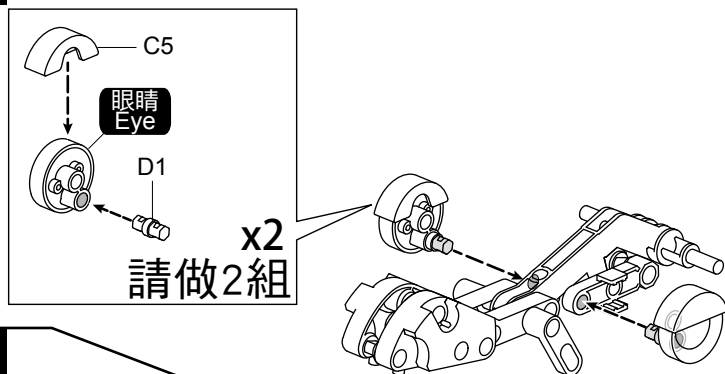
B29



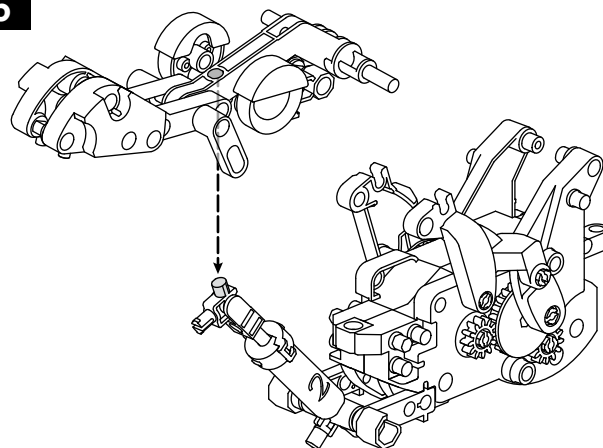
B30



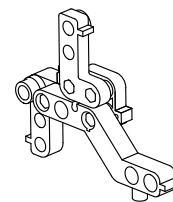
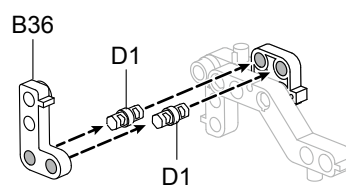
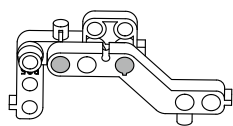
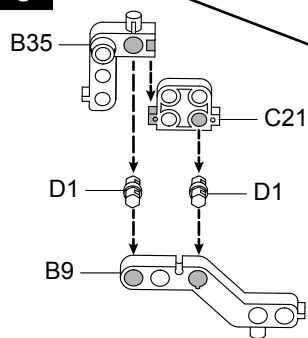
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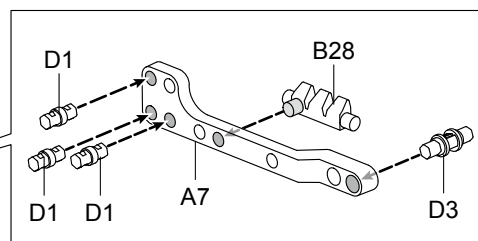
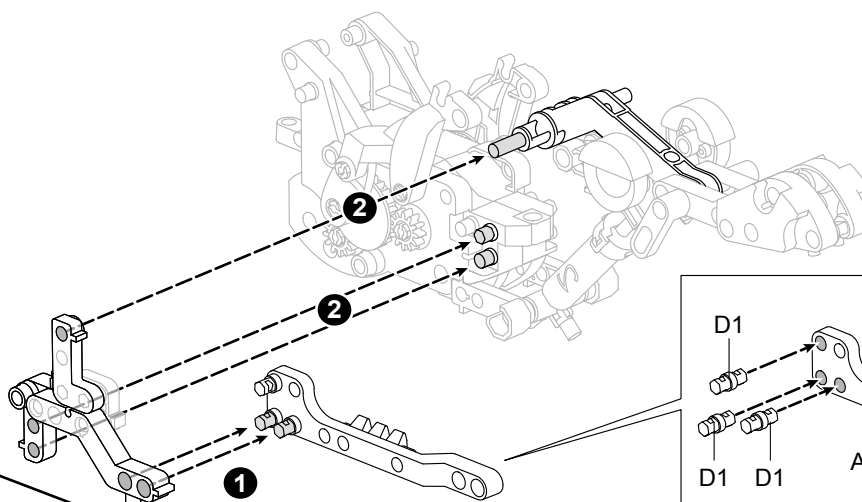
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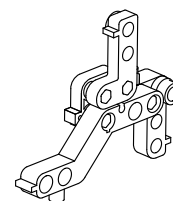
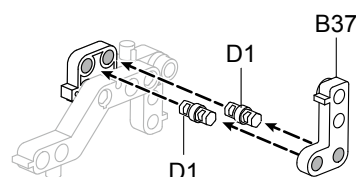
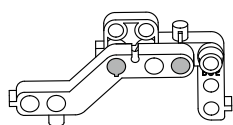
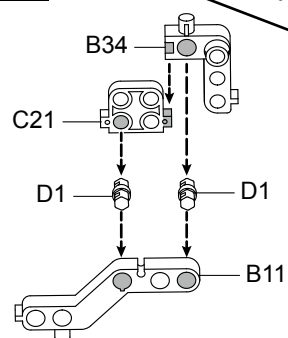
6



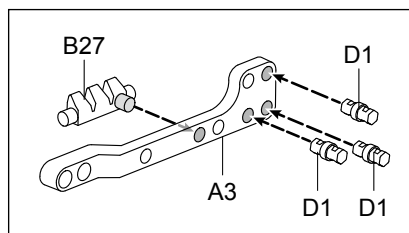
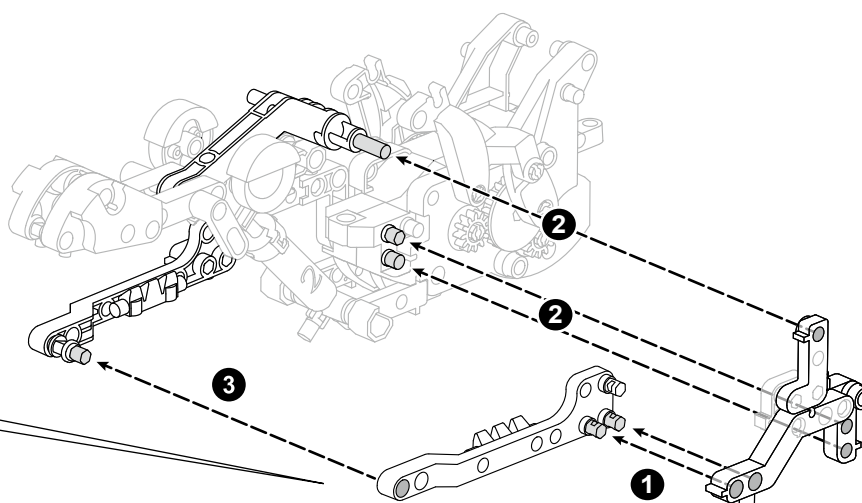
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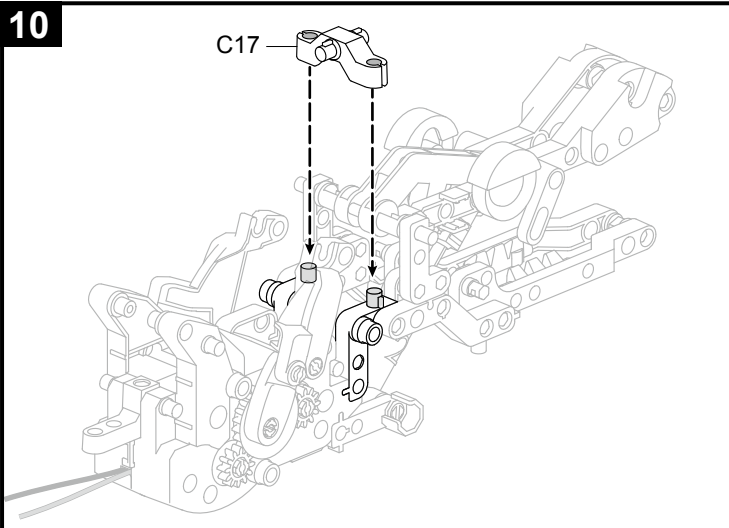
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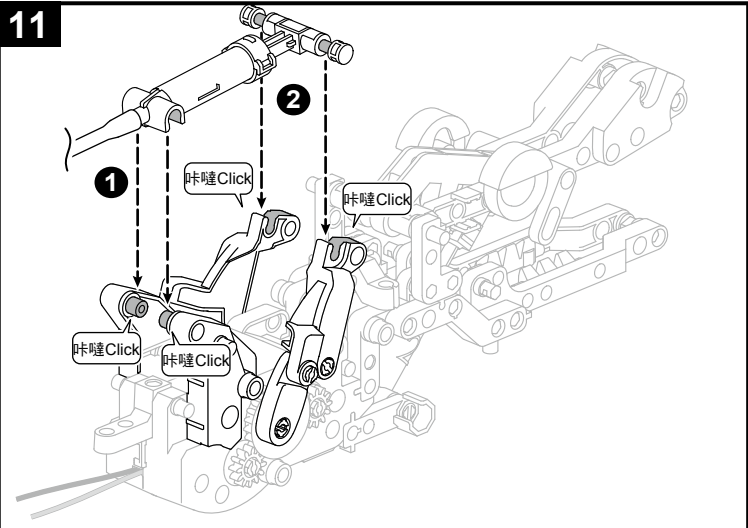
9



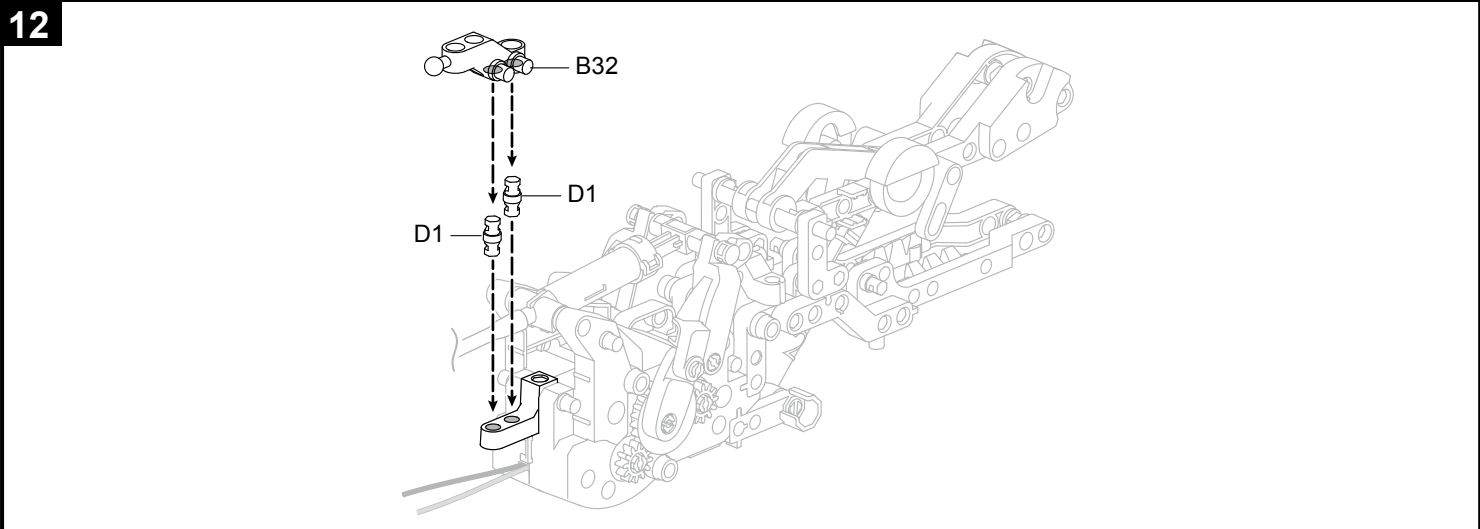
10



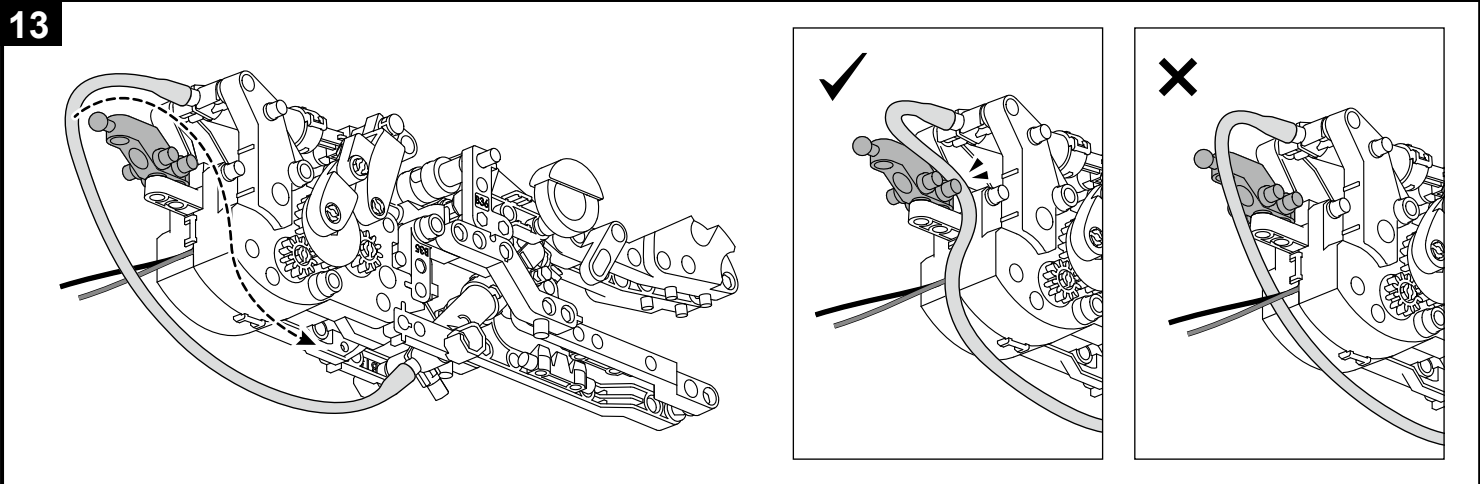
11



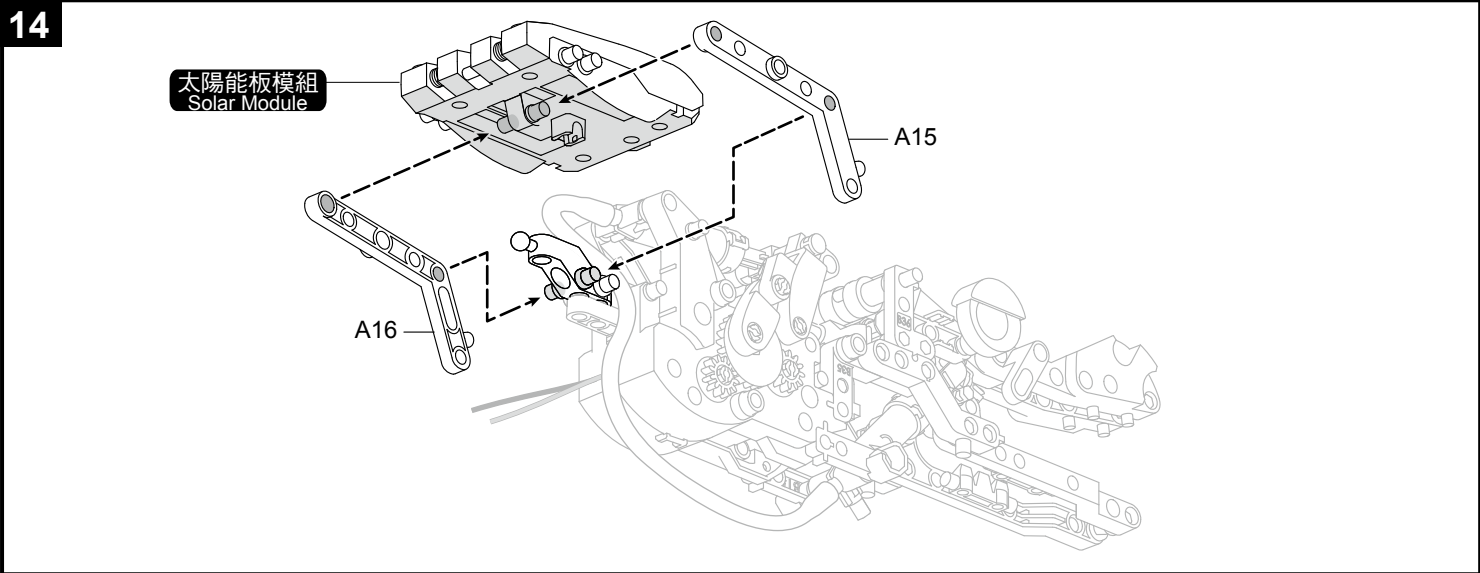
12



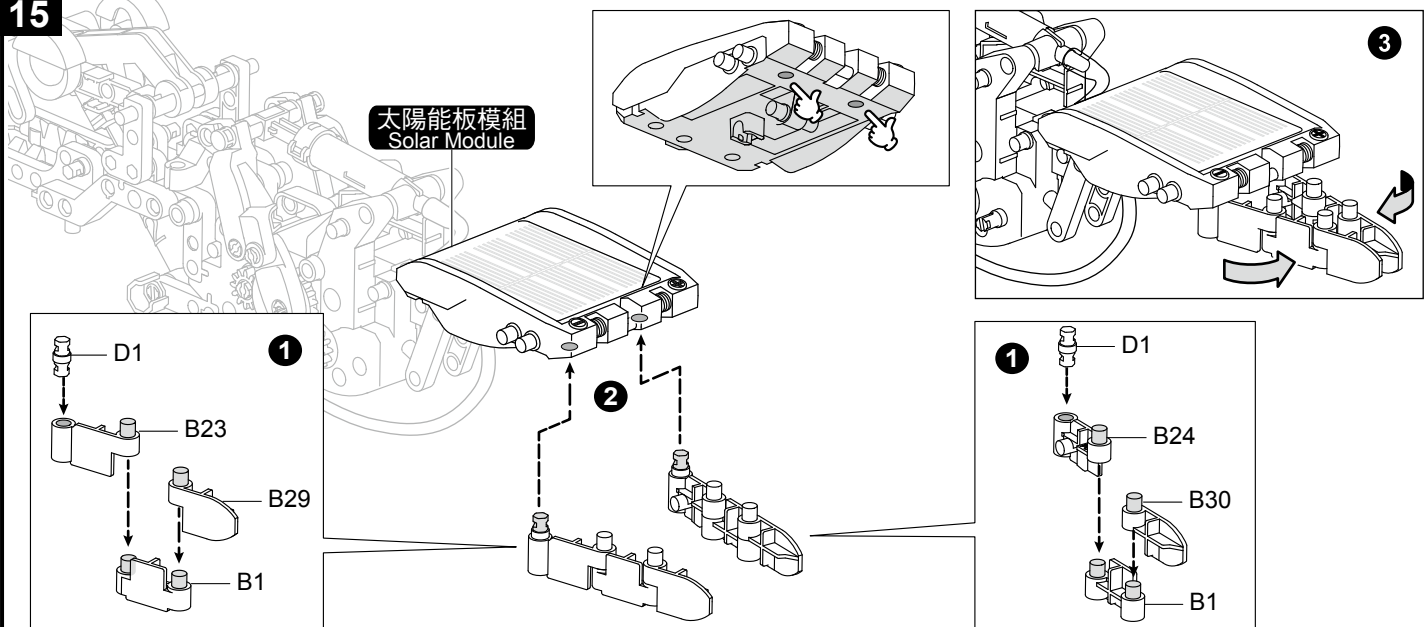
13



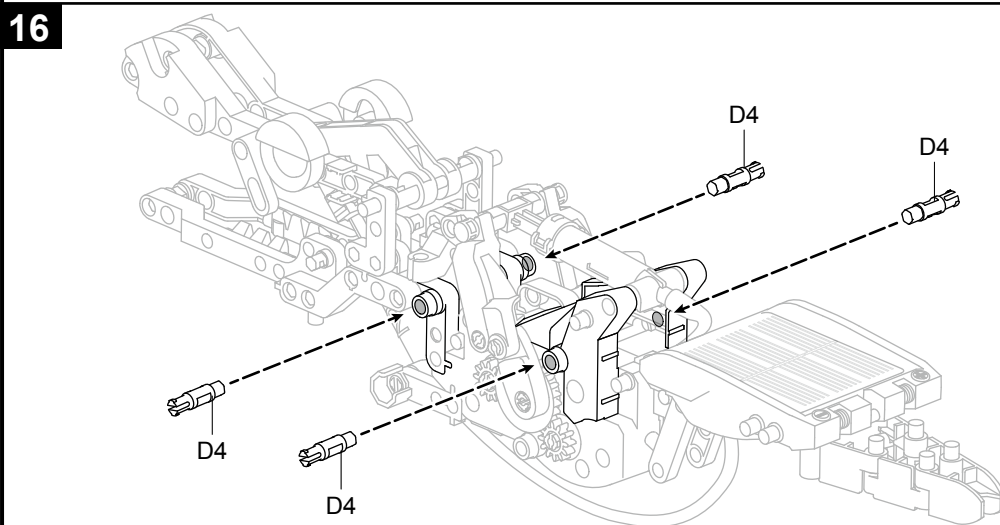
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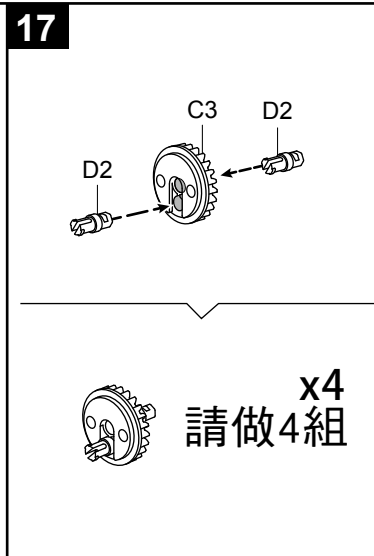
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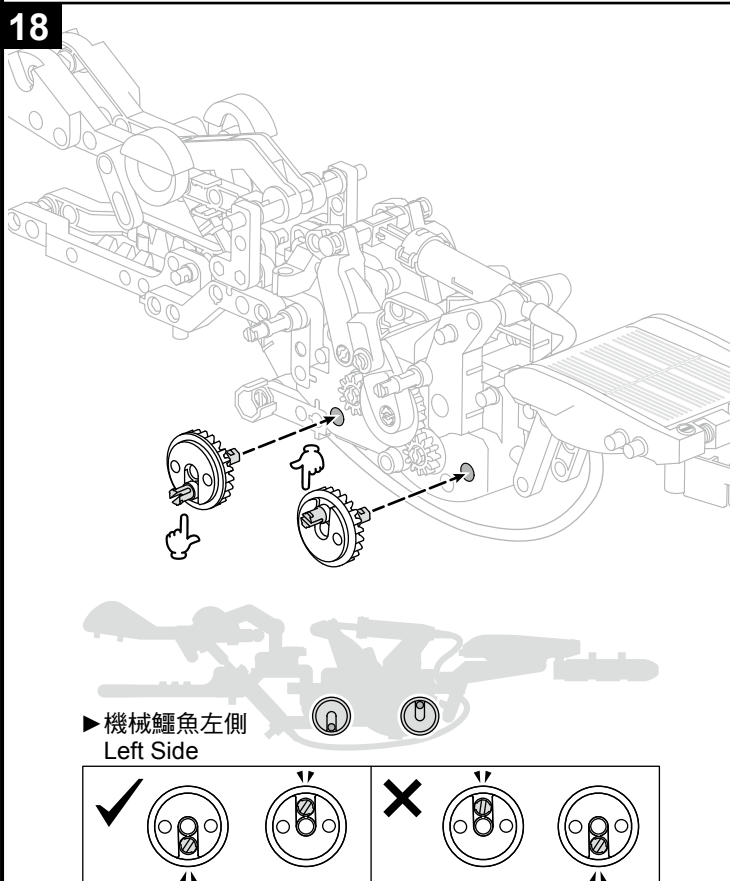
16



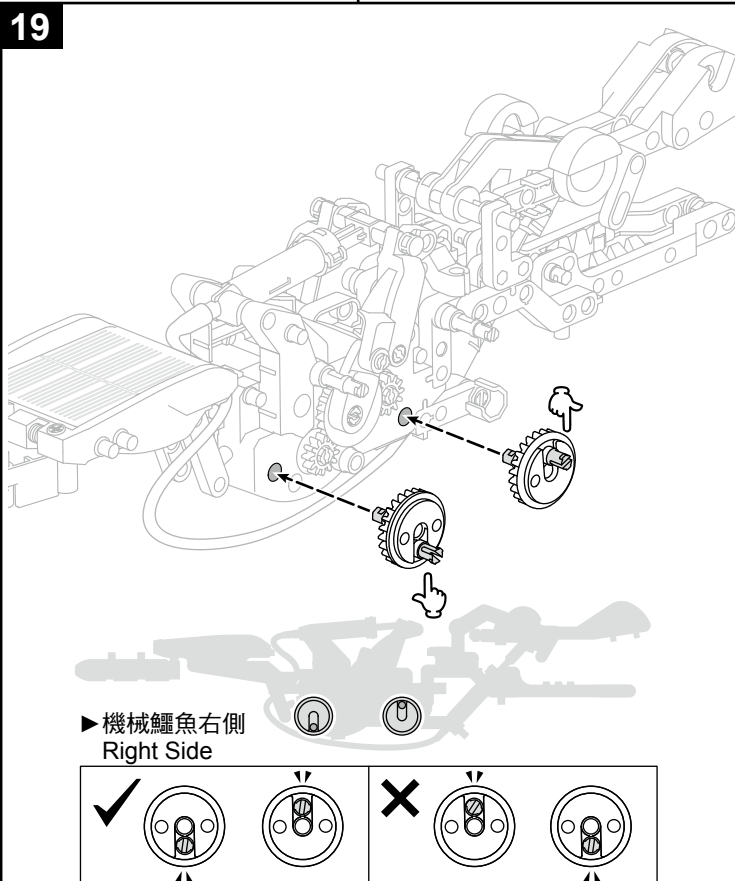
17

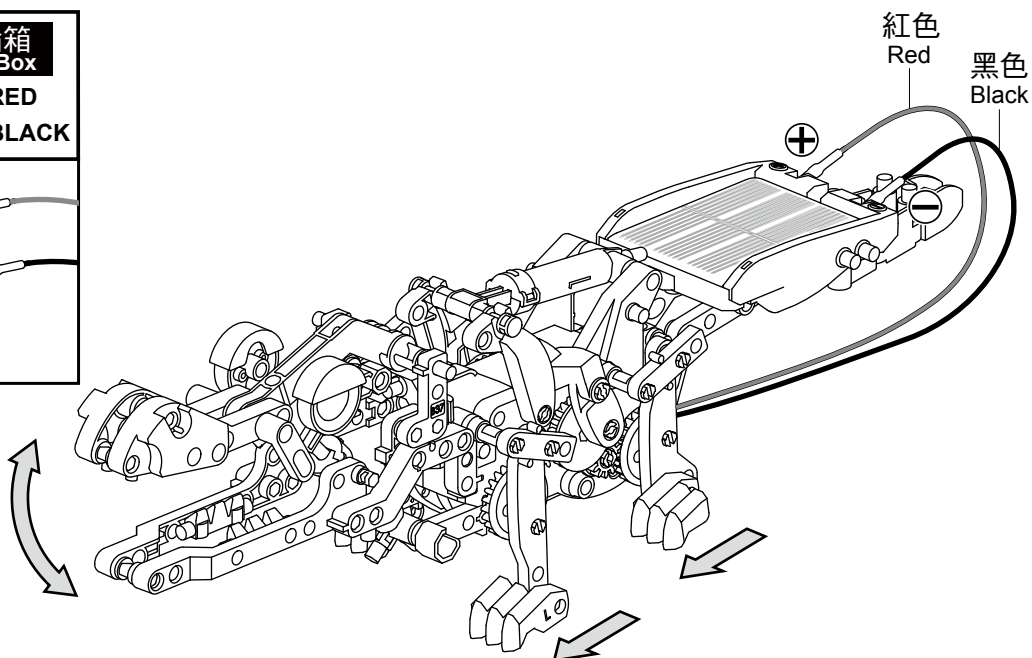
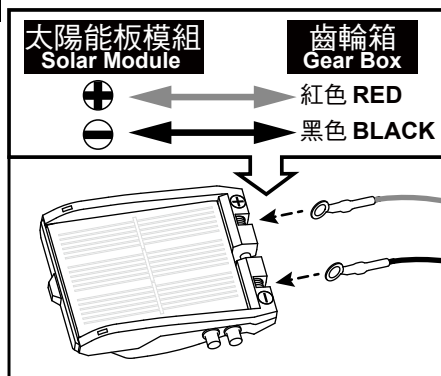
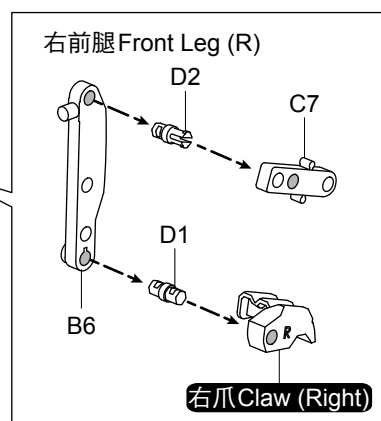
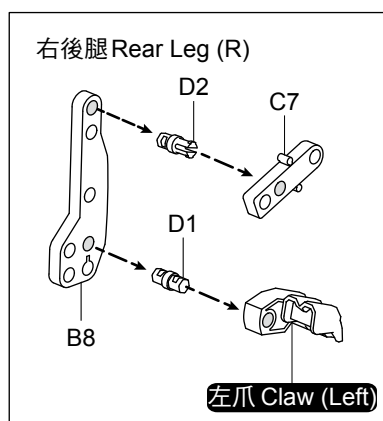
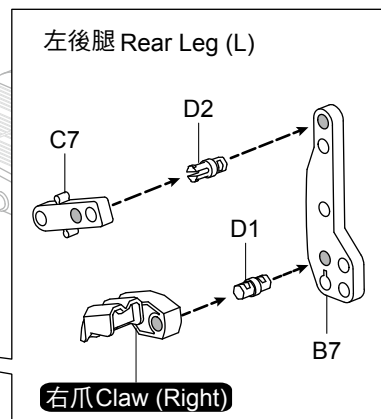
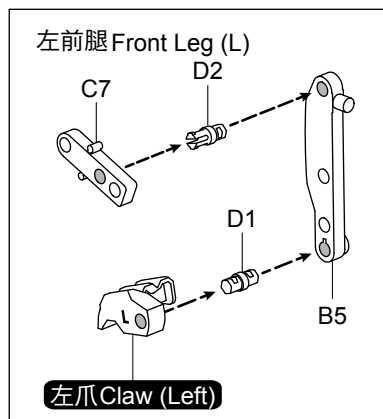


18



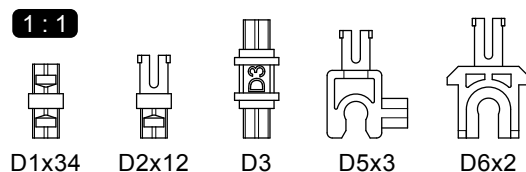
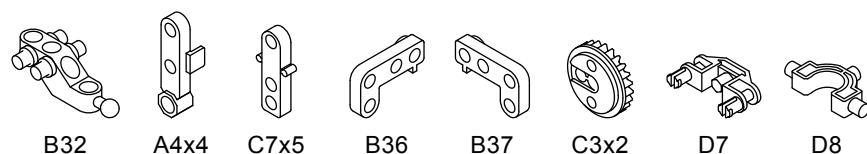
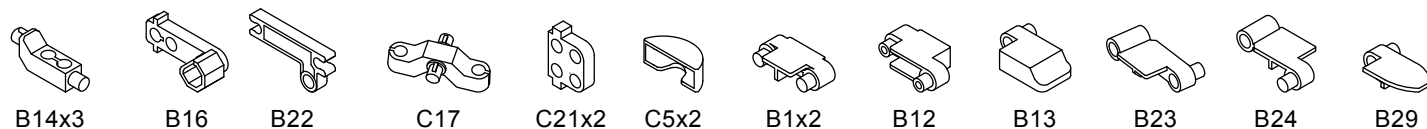
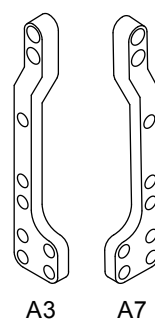
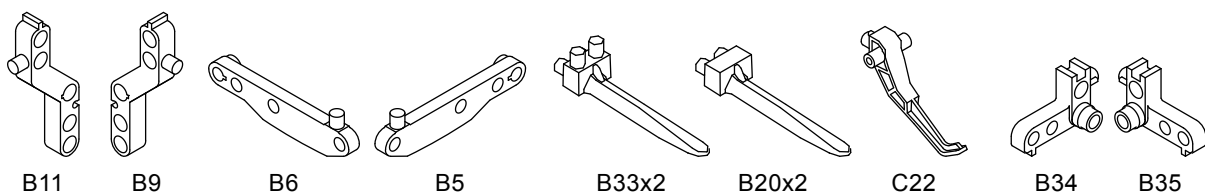
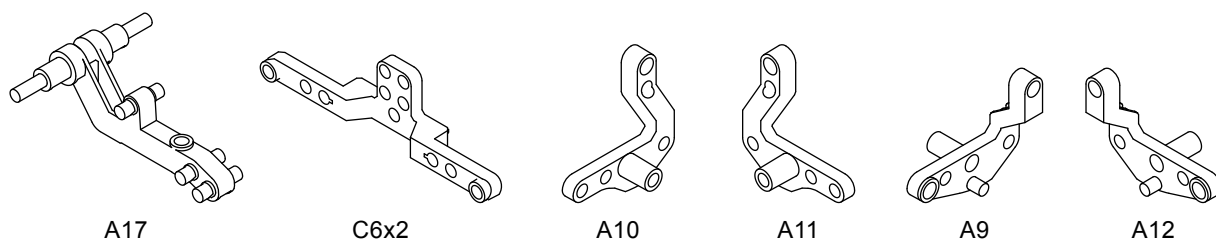
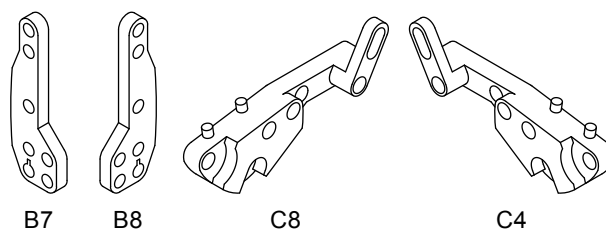
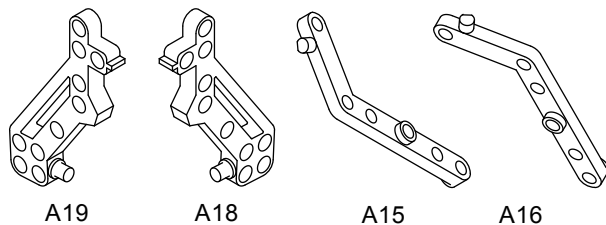
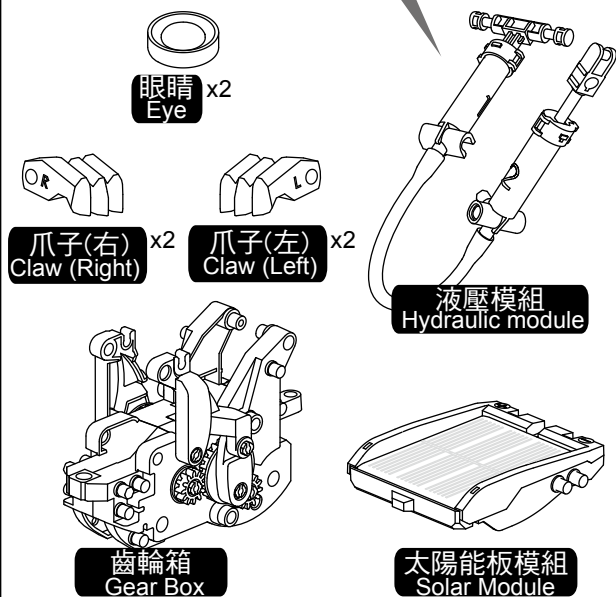
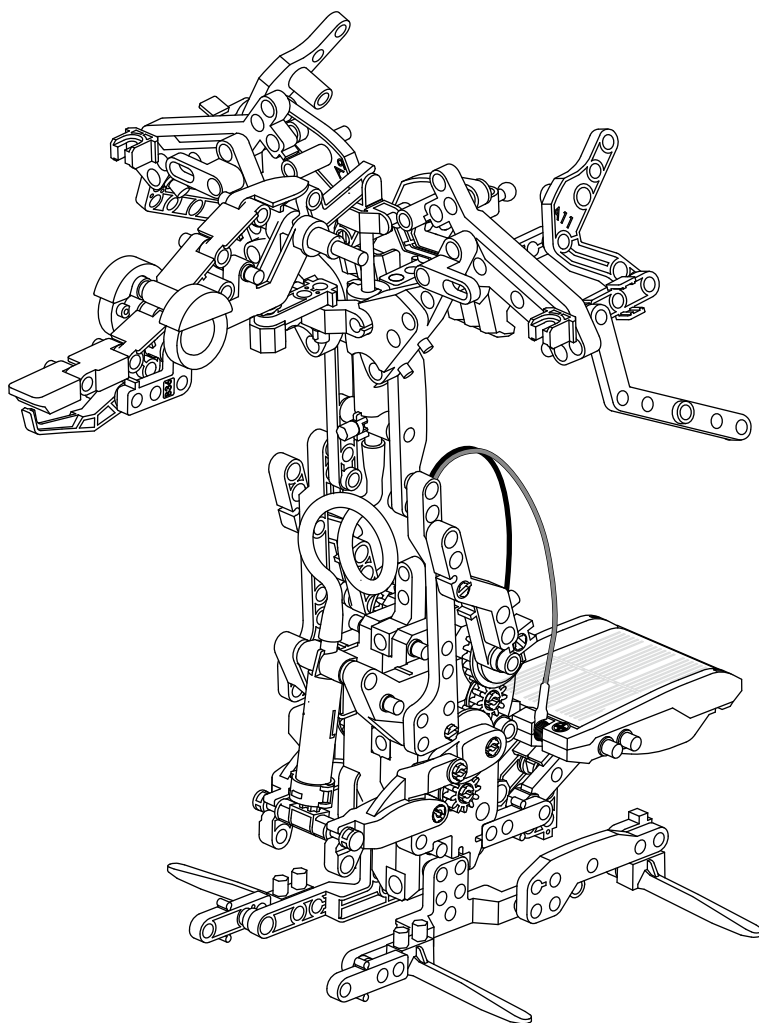
19



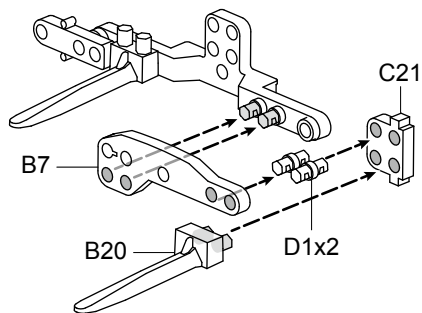
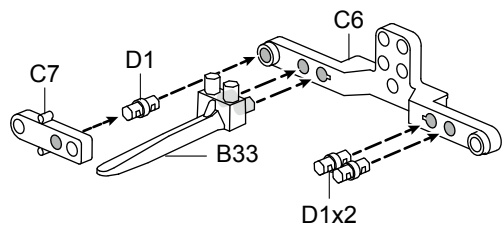
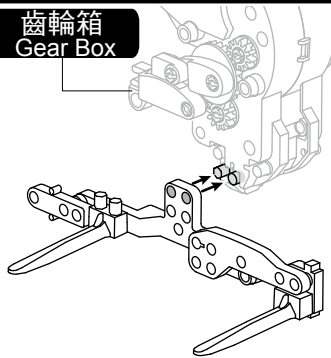


11. 無齒翼龍 Pterosaurs Assembly

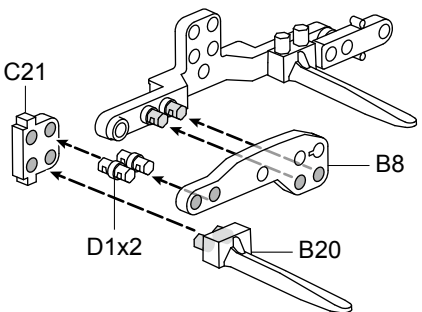
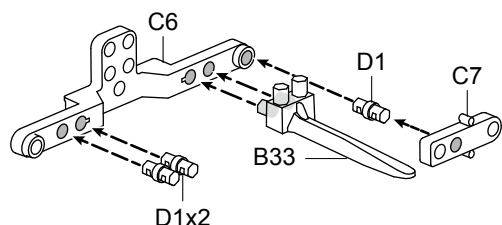
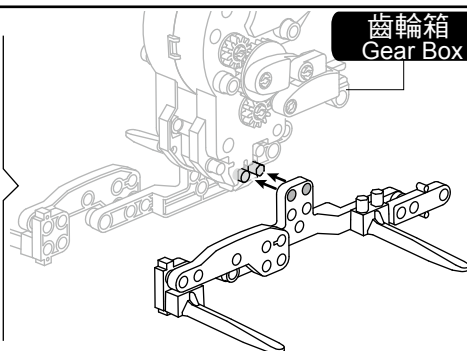
請於組裝前確認液壓筒中的空氣狀況並適時加水 Before assembly check the air condition in the cylinder and add water if necessary



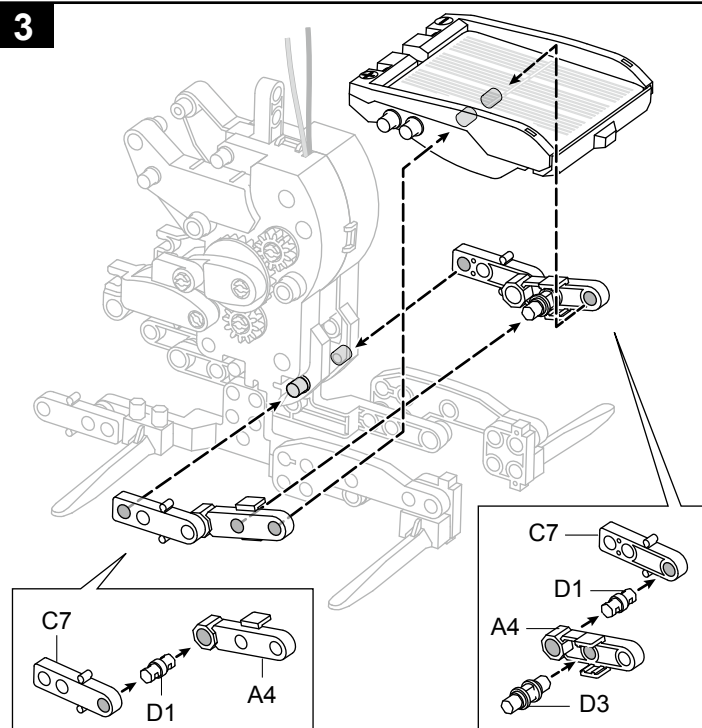
1

齒輪箱
Gear Box

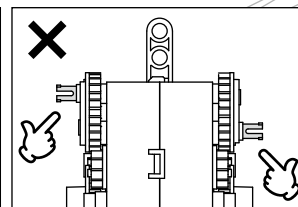
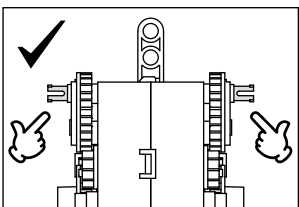
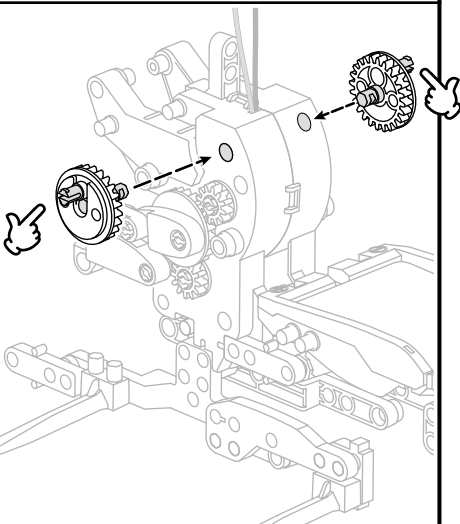
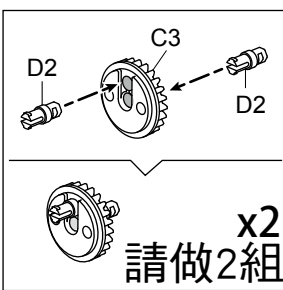
2

齒輪箱
Gear Box

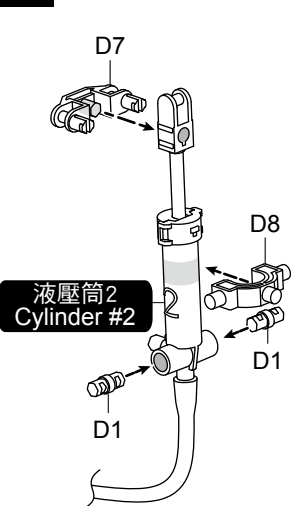
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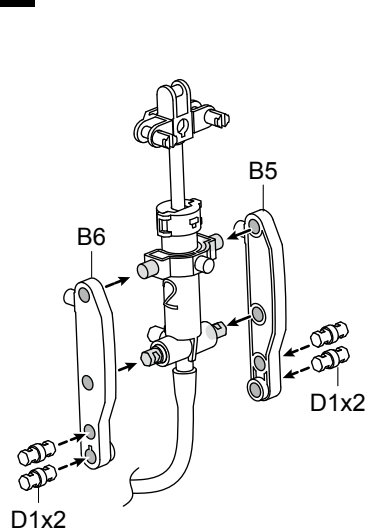
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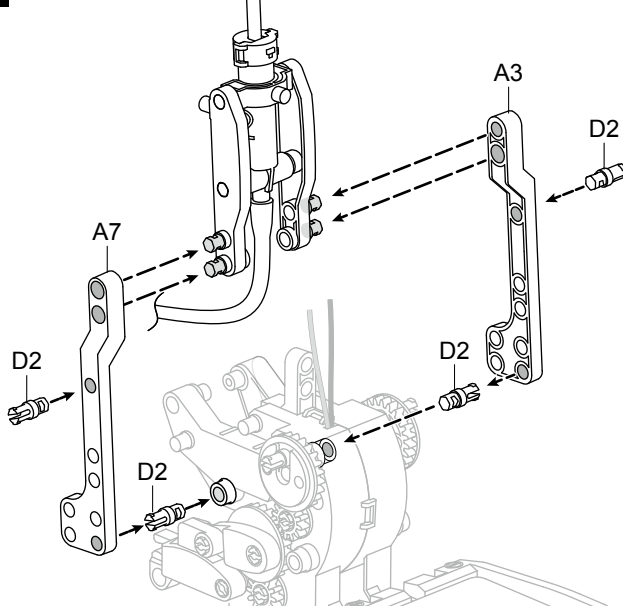
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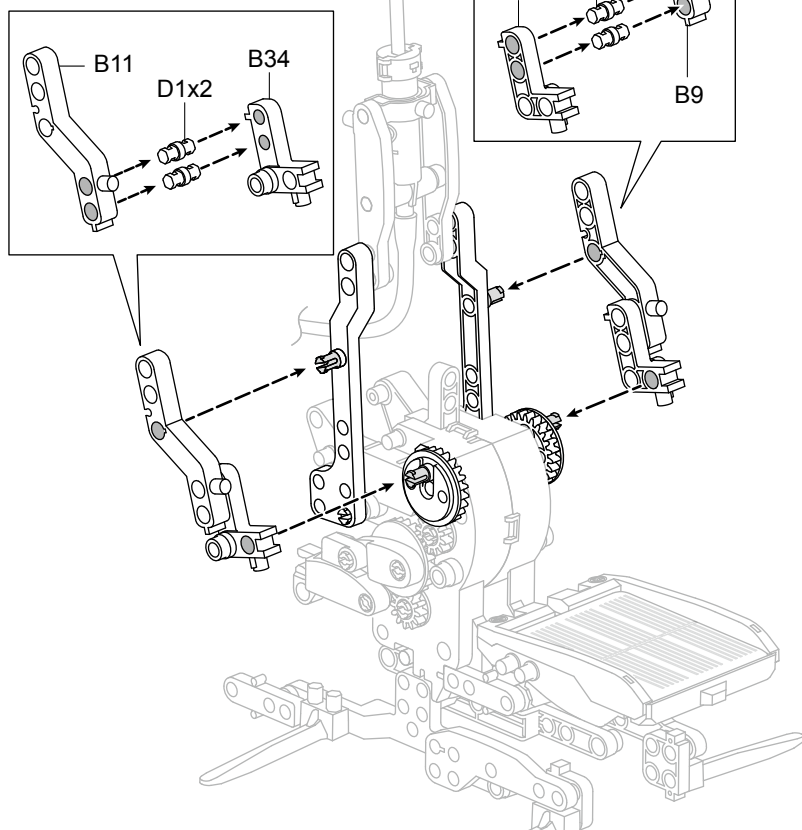
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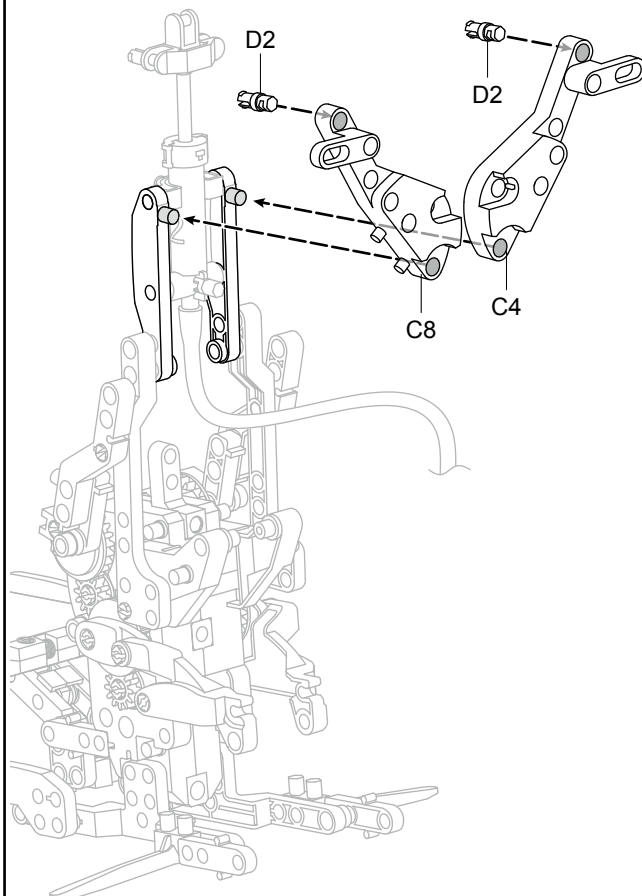
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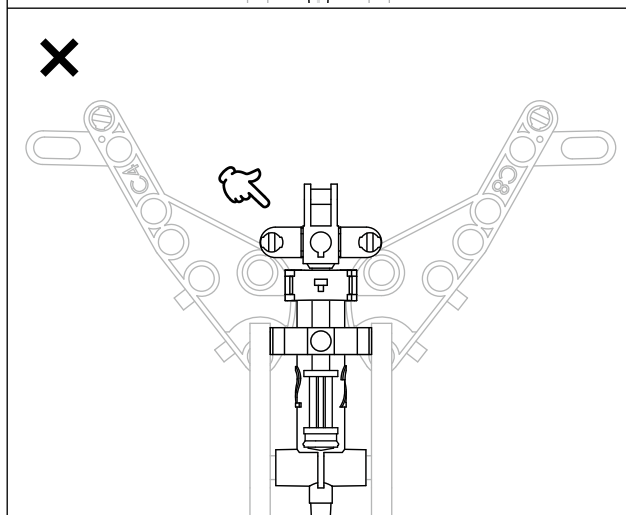
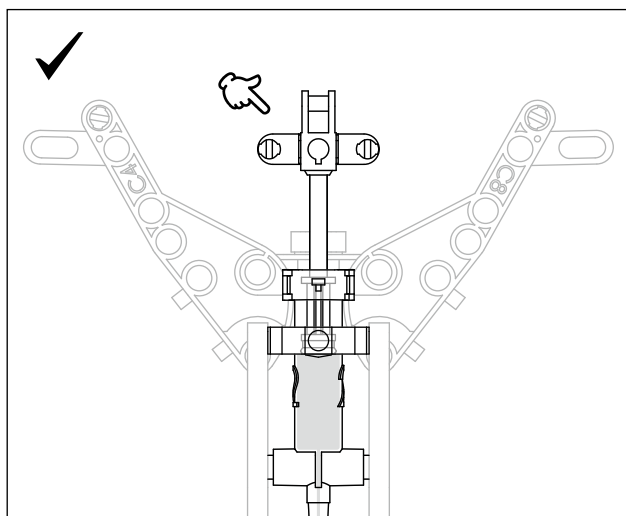
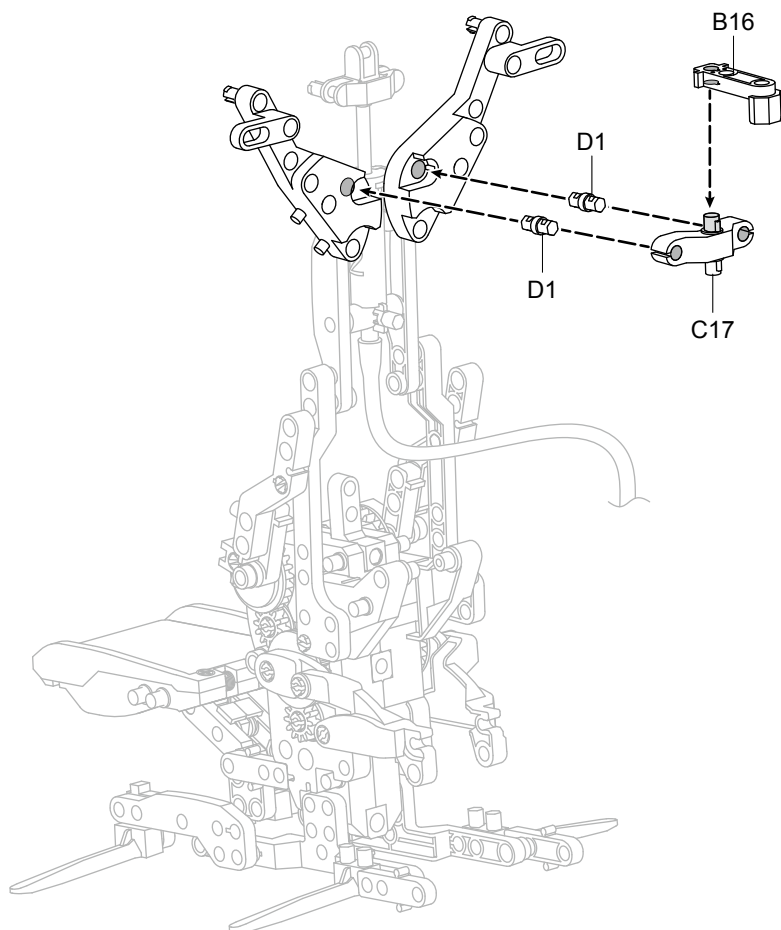
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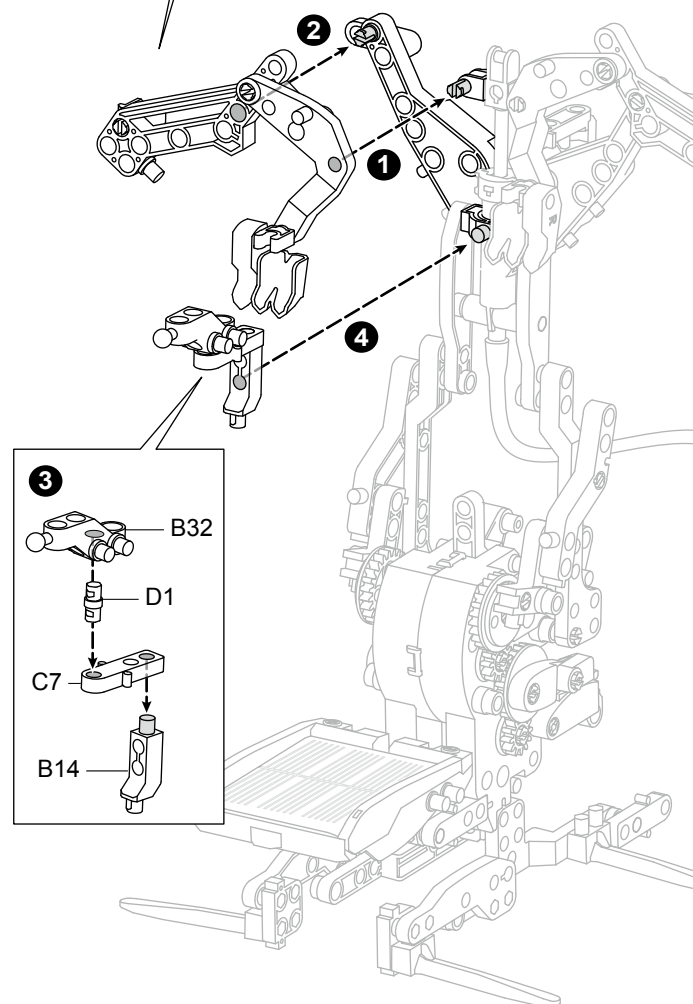
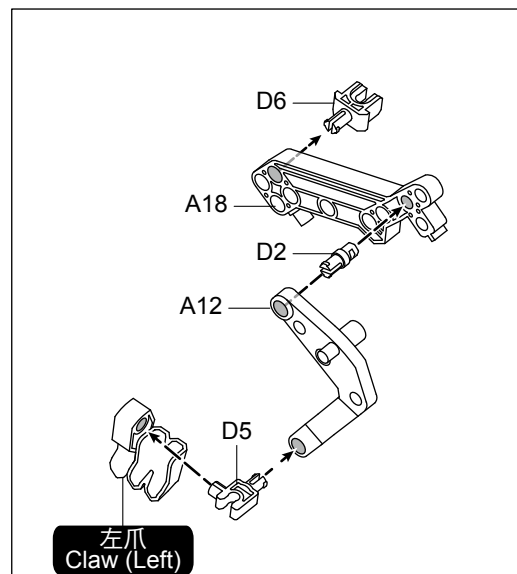
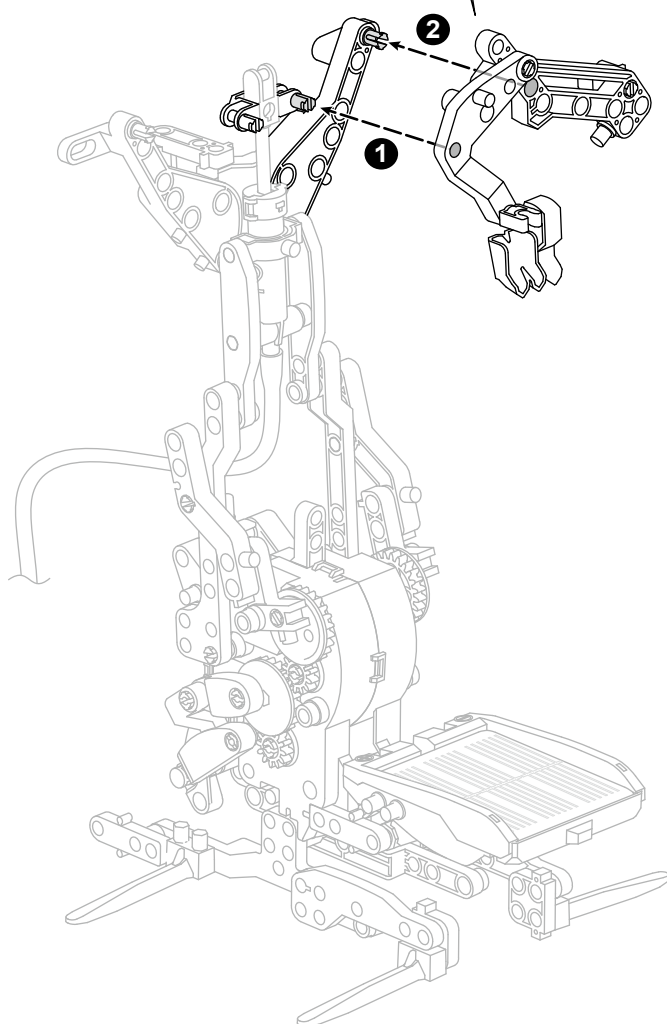
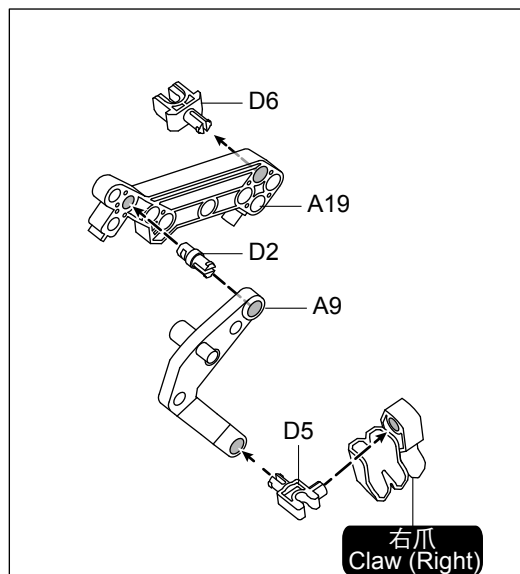


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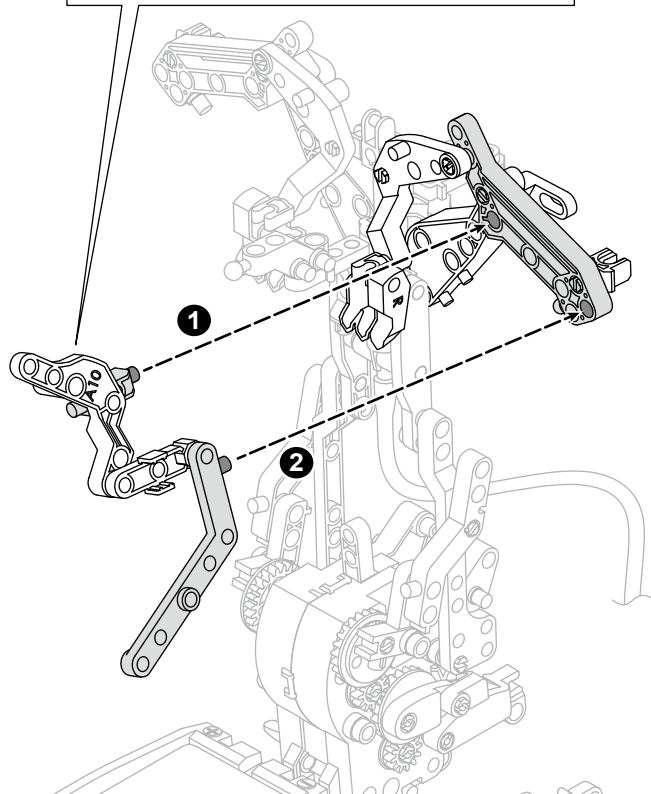
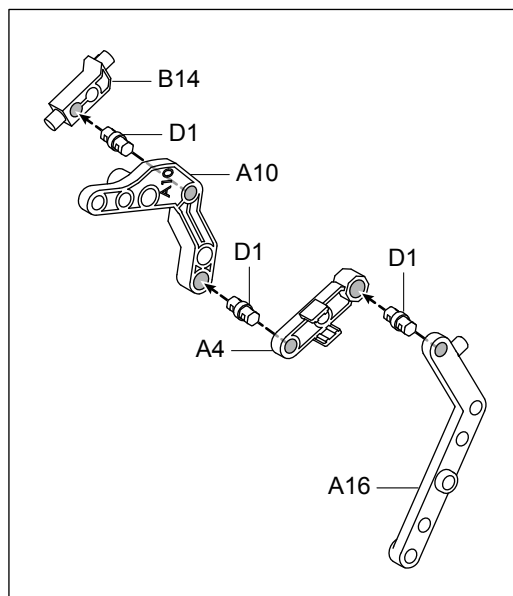


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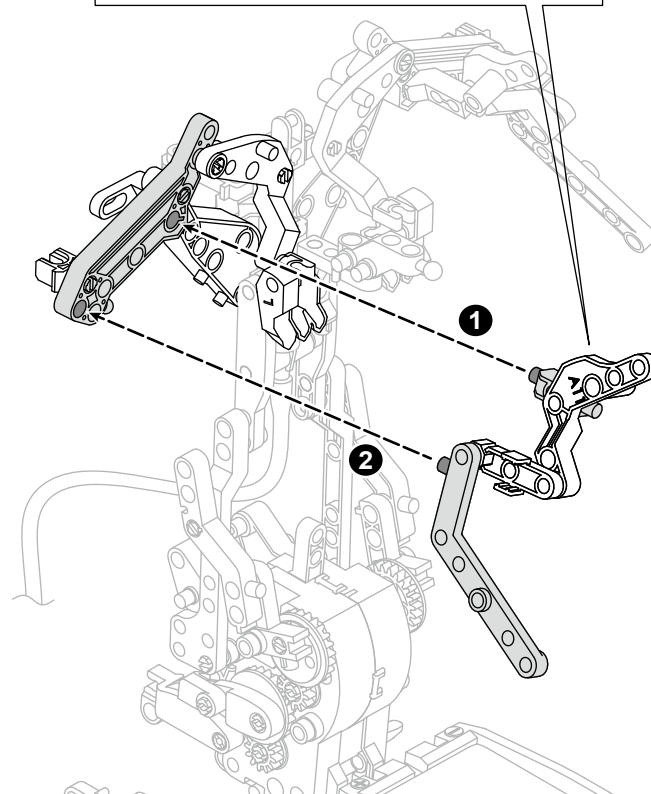
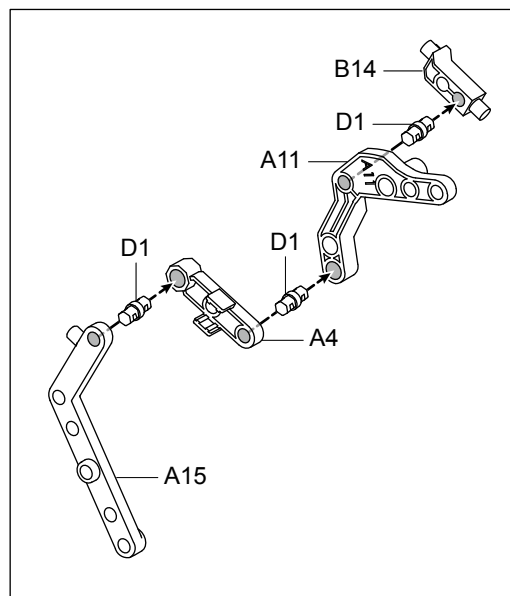




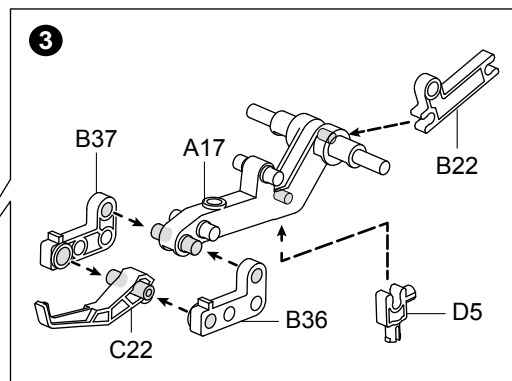
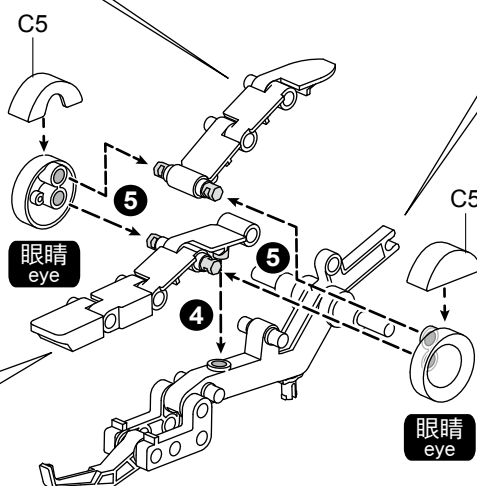
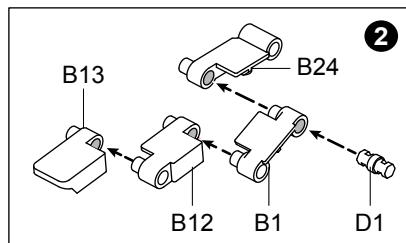
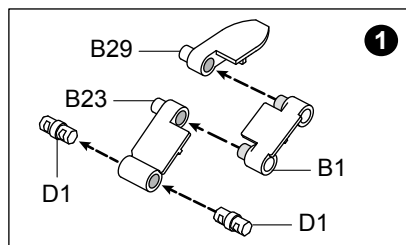
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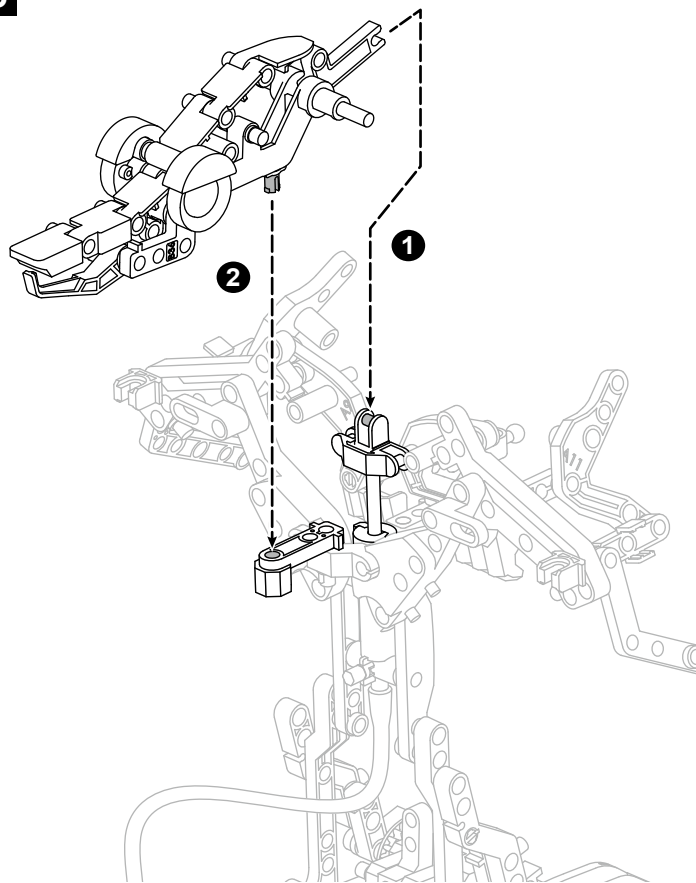
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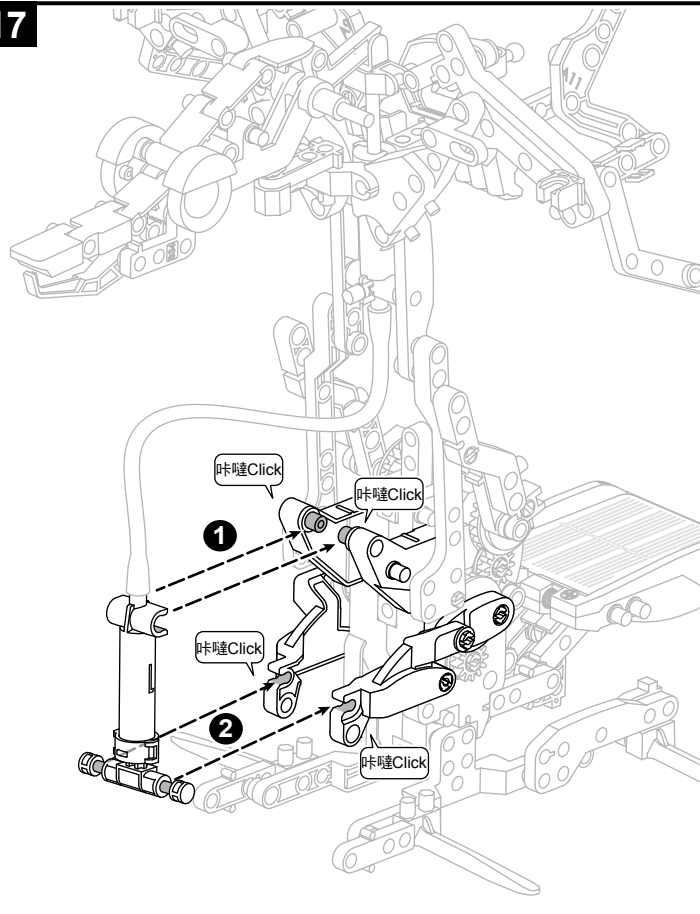
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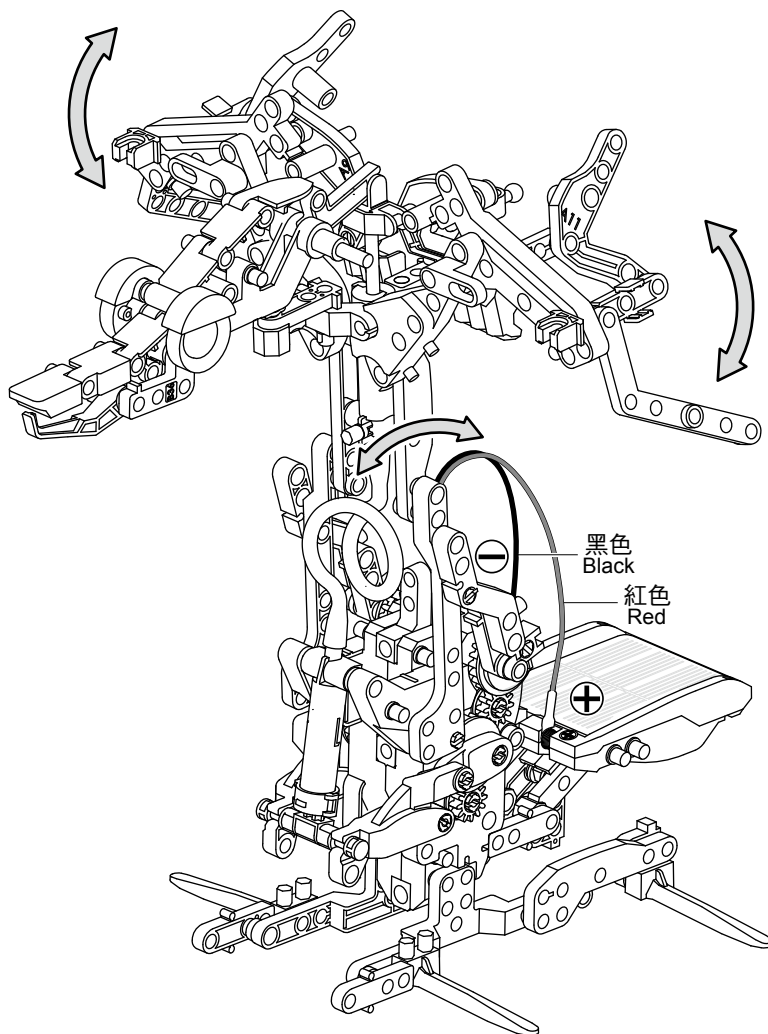
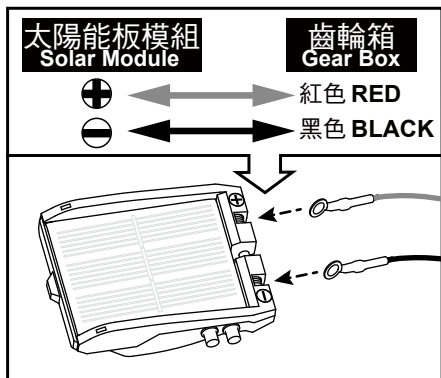
16



17

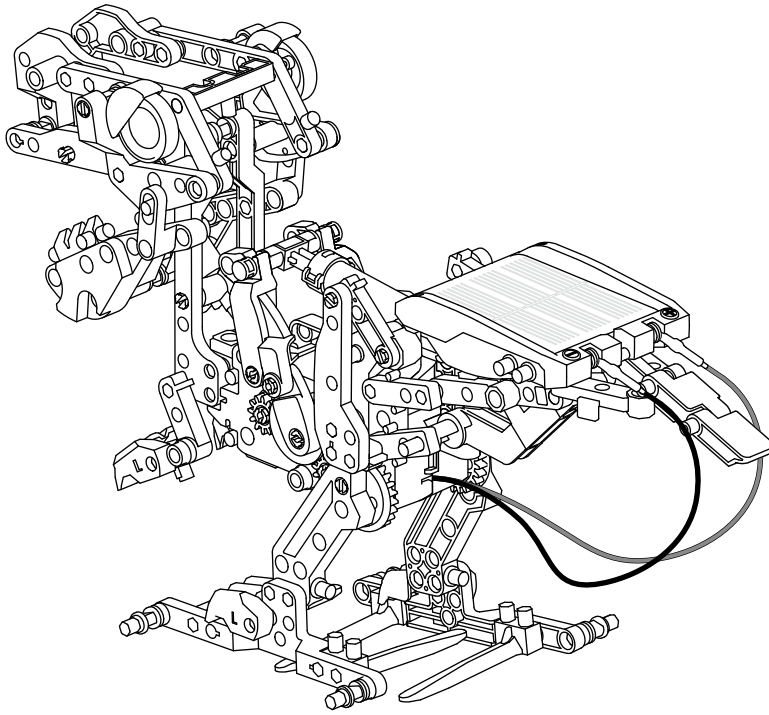


18



12. 霸王龍 T-Rex Assembly

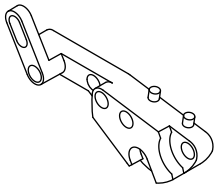
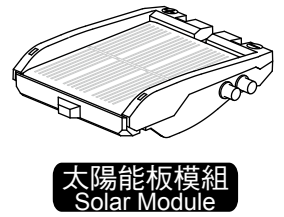
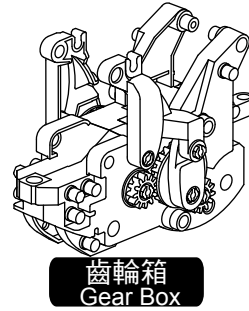
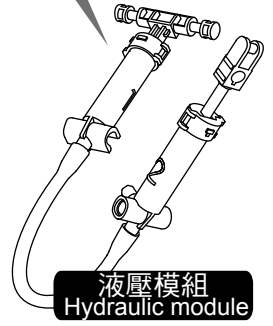
 請於組裝前確認液壓筒中的空氣狀況並適時加水 Before assembly check the air condition in the cylinder and add water if necessary



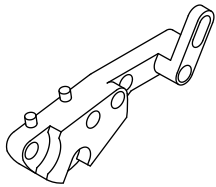
眼睛 x2
Eye

右爪
Claw (Right)
x2

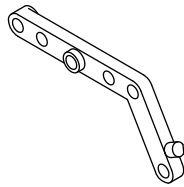
左爪
Claw (Left)
x2



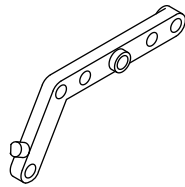
C4



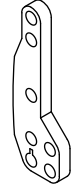
C8



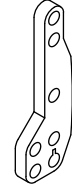
A15



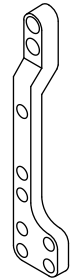
A16



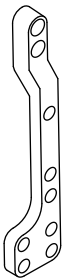
B7



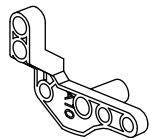
B8



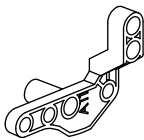
A3



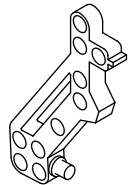
A7



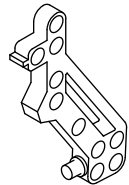
A10



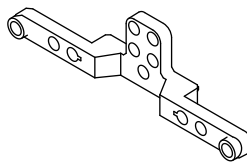
A11



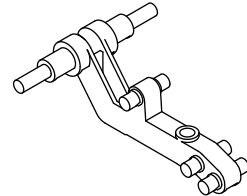
A19



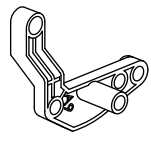
A18



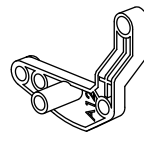
C6x2



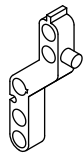
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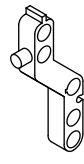
A9



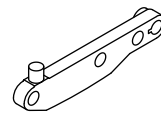
A12



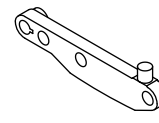
B9



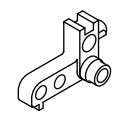
B11



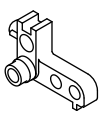
B5



B6



B34



B35



B36



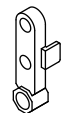
B37



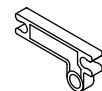
C3x2



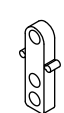
C5x2



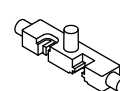
A4x4



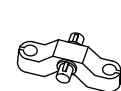
B22



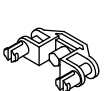
C7x4



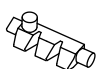
C16



C17



D7



B27



B28



B1x2



B23



B24



B12



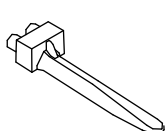
B13



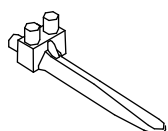
B29



B30



B20x2



B33x2



B15



B16

1:1



D1x40



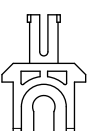
D2x12



D3x10

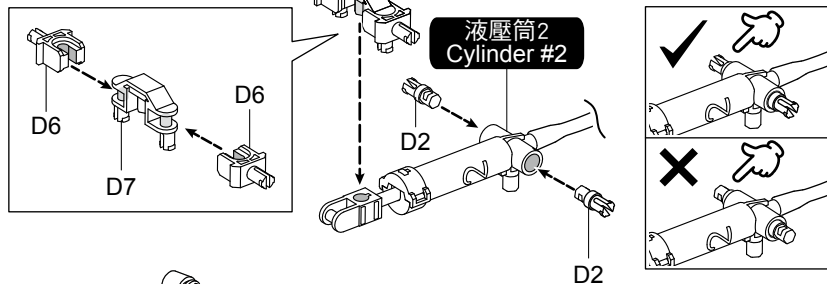


D4x4

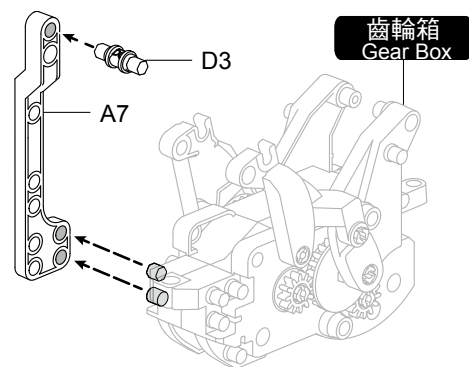


D6x2

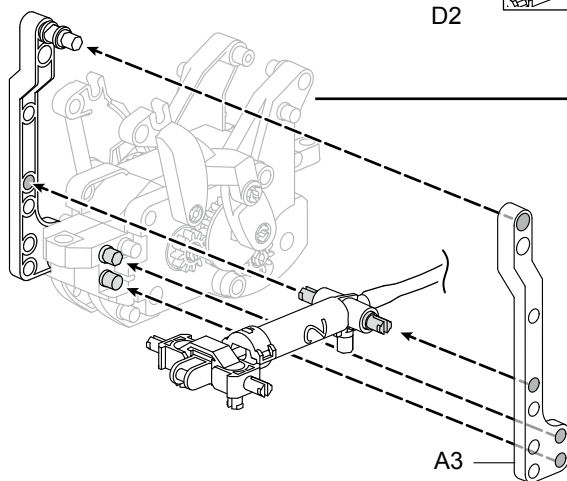
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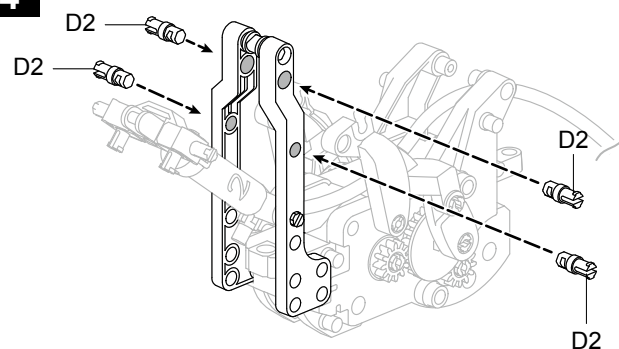
2



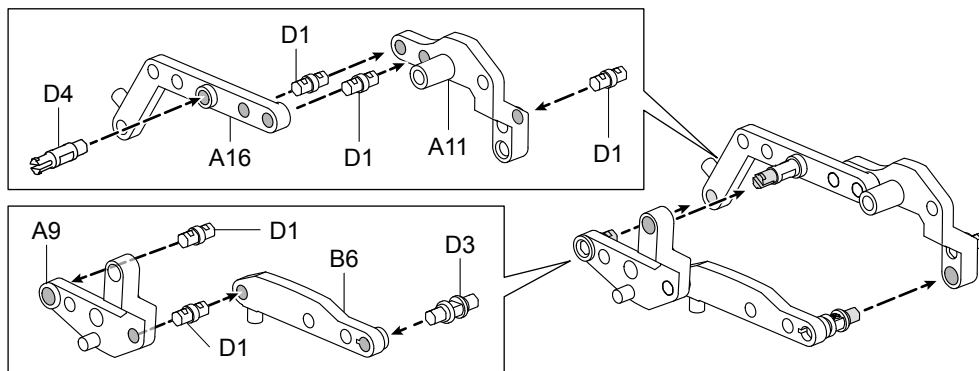
3



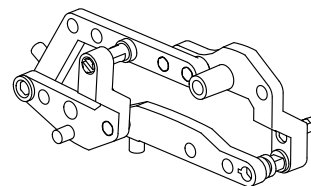
4



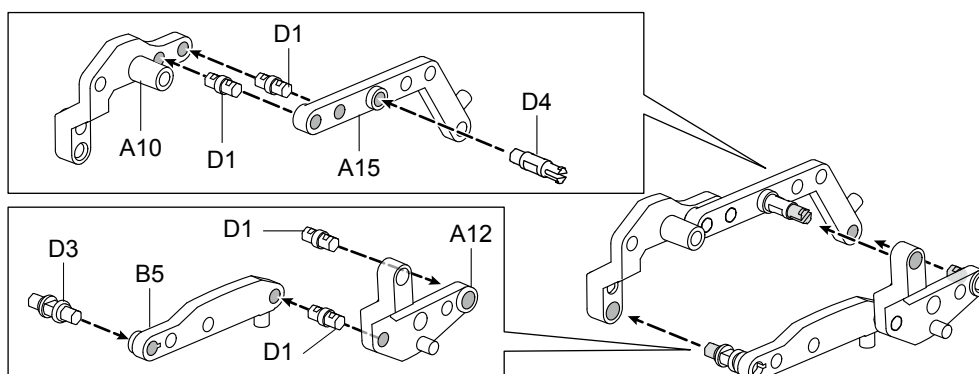
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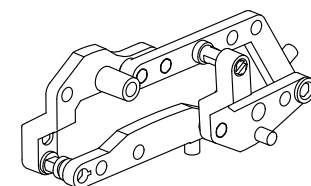
頭部1
Head Part 1



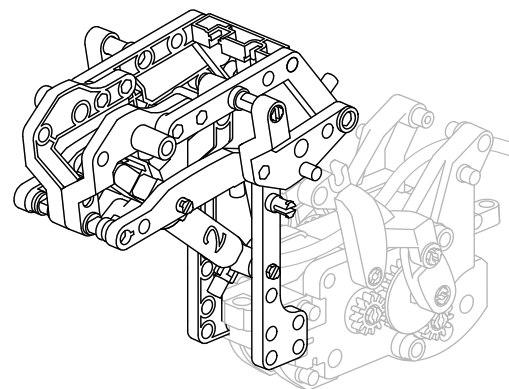
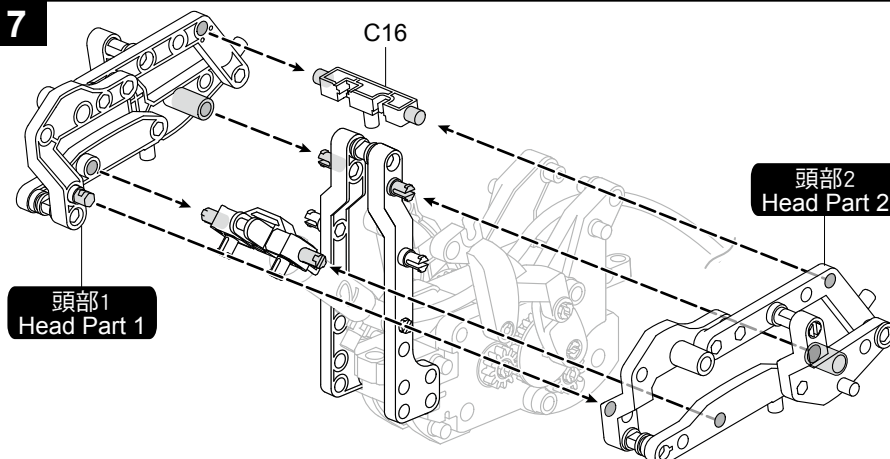
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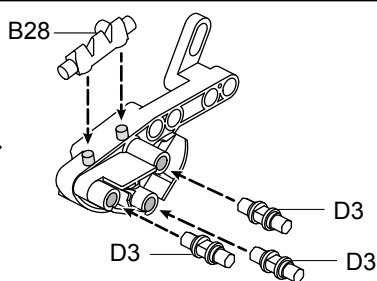
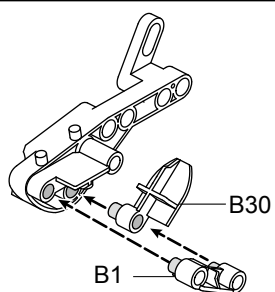
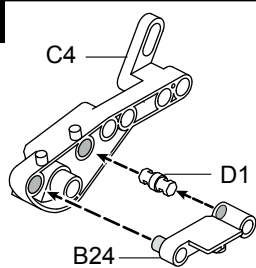
頭部2
Head Part 2



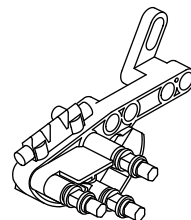
7



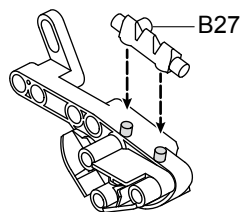
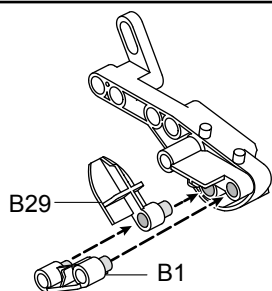
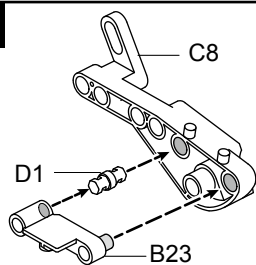
8



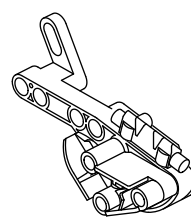
頭部3
Head Part 3



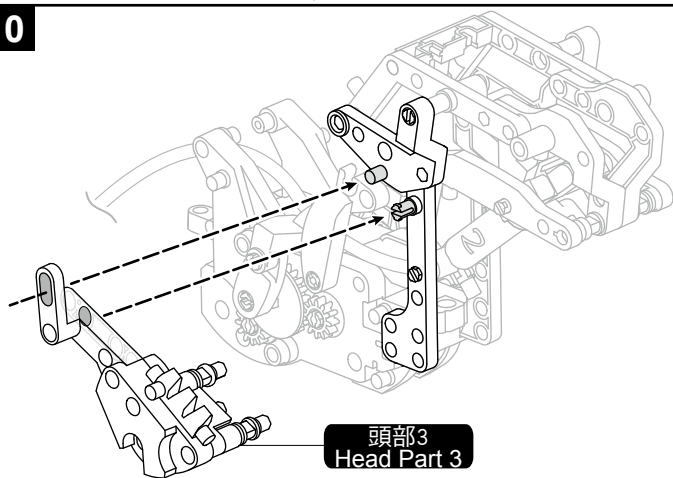
9



頭部4
Head Part 4

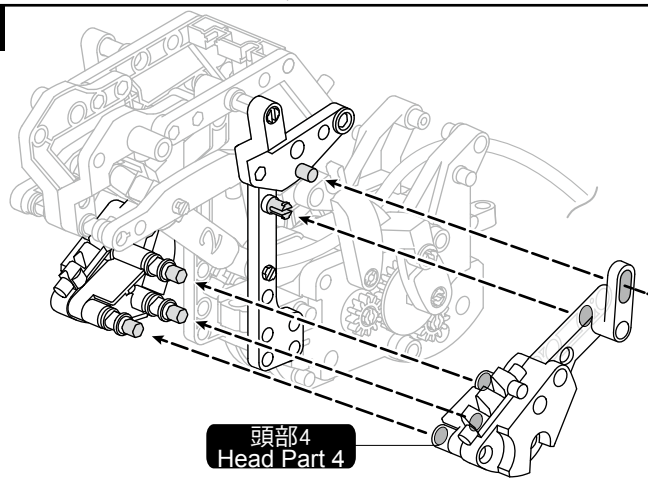


10



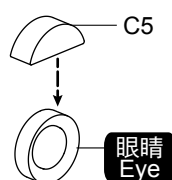
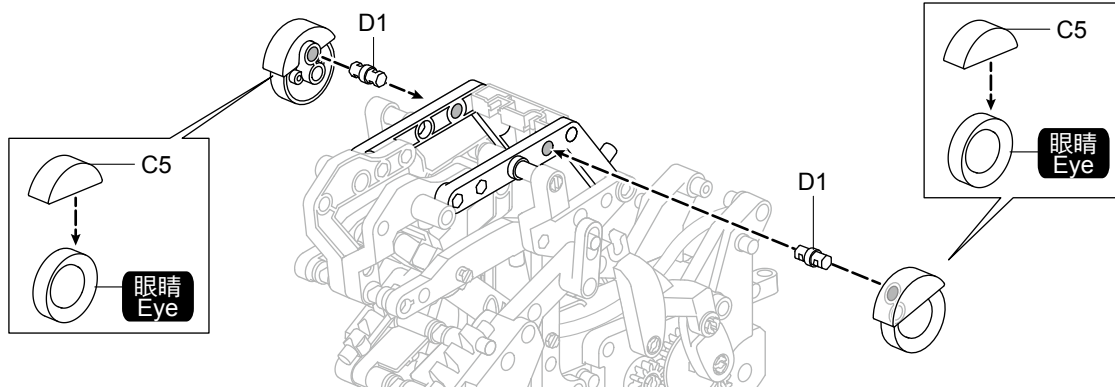
頭部3
Head Part 3

11

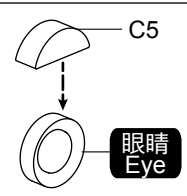


頭部4
Head Part 4

12

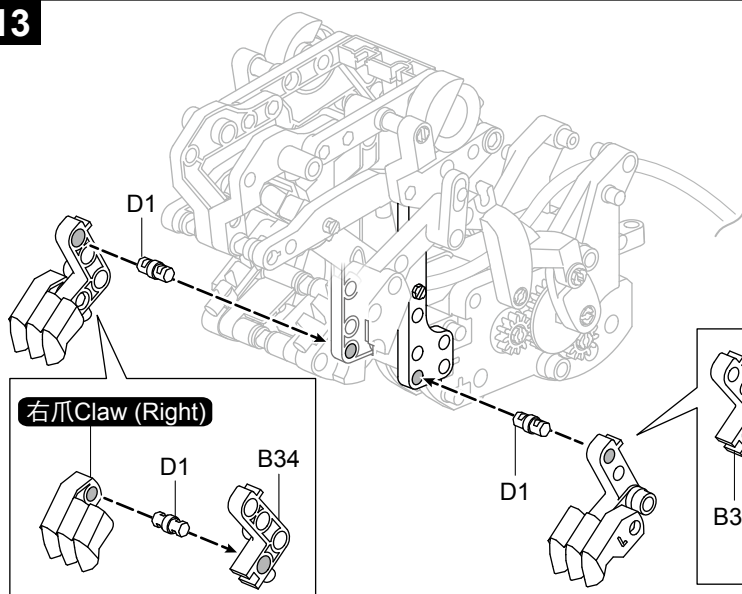


眼睛
Eye

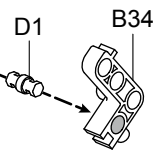


眼睛
Eye

13



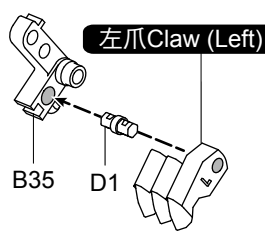
右爪Claw (Right)



B34

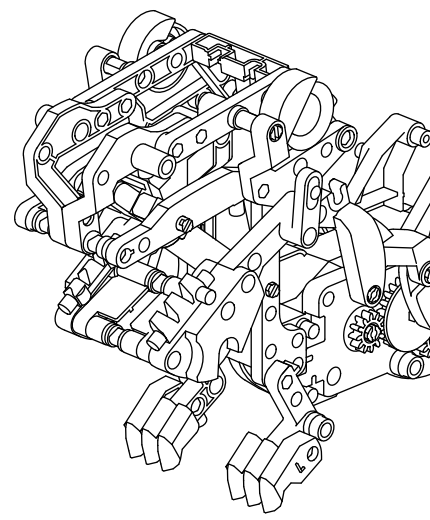
D1

左爪Claw (Left)

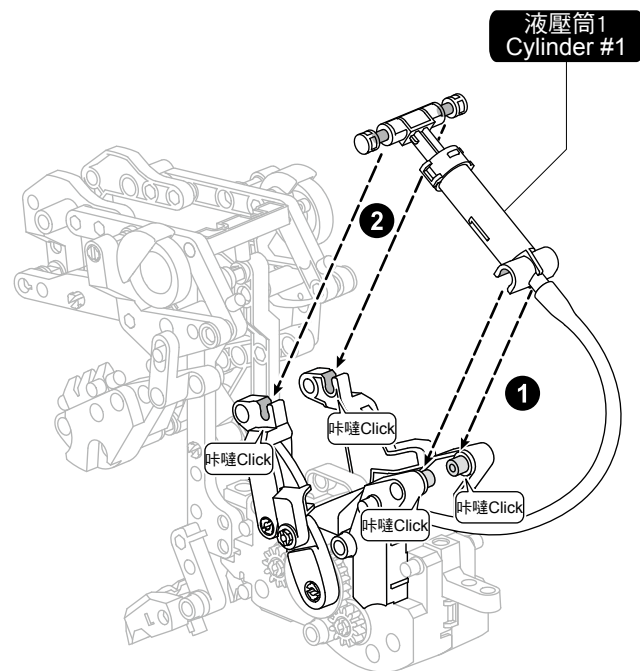
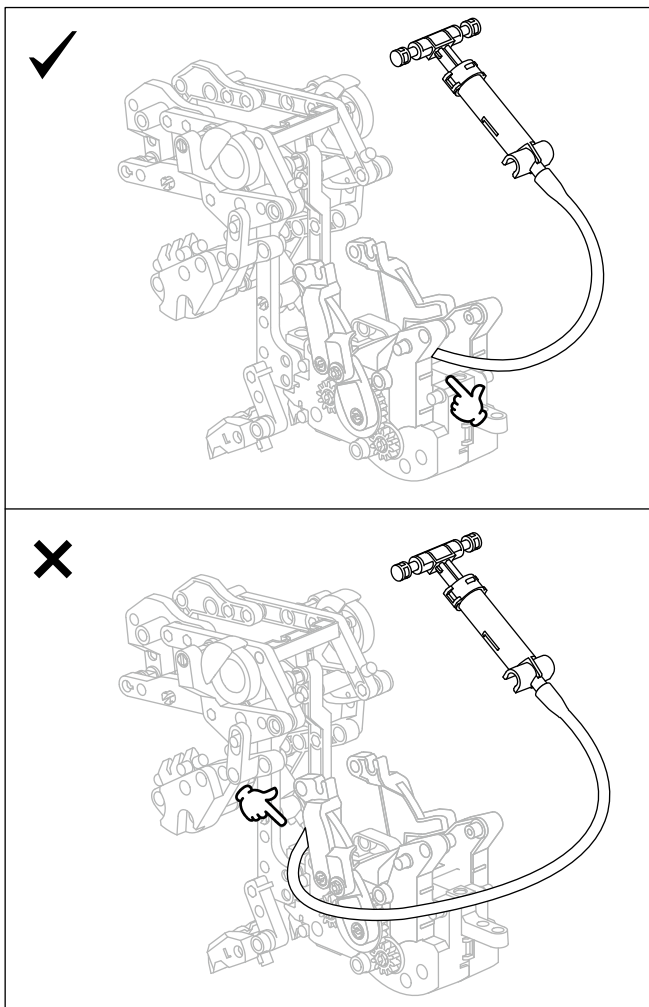


B35

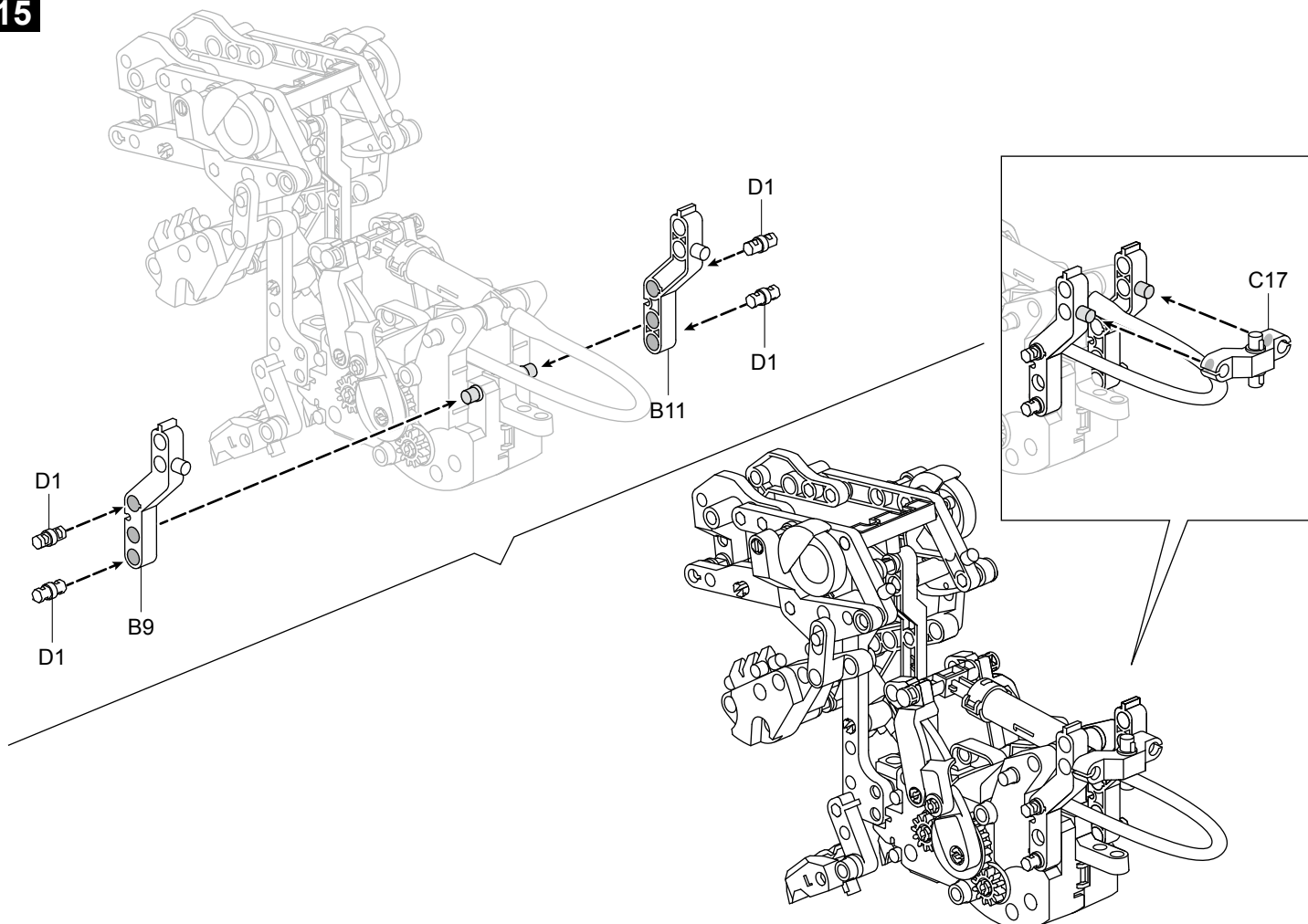
D1



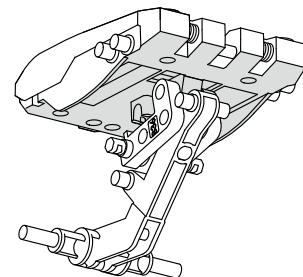
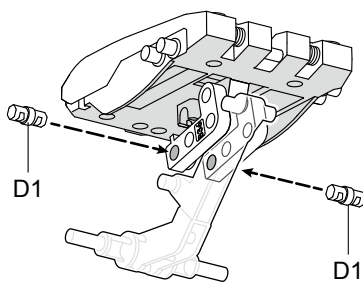
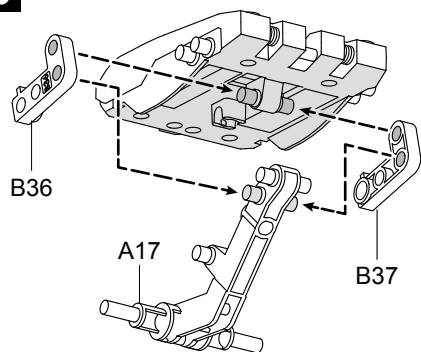
14



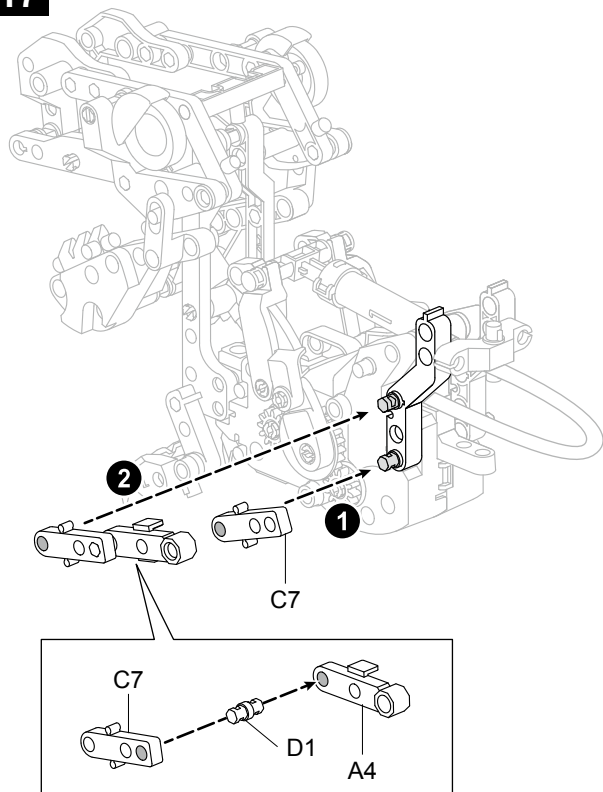
15



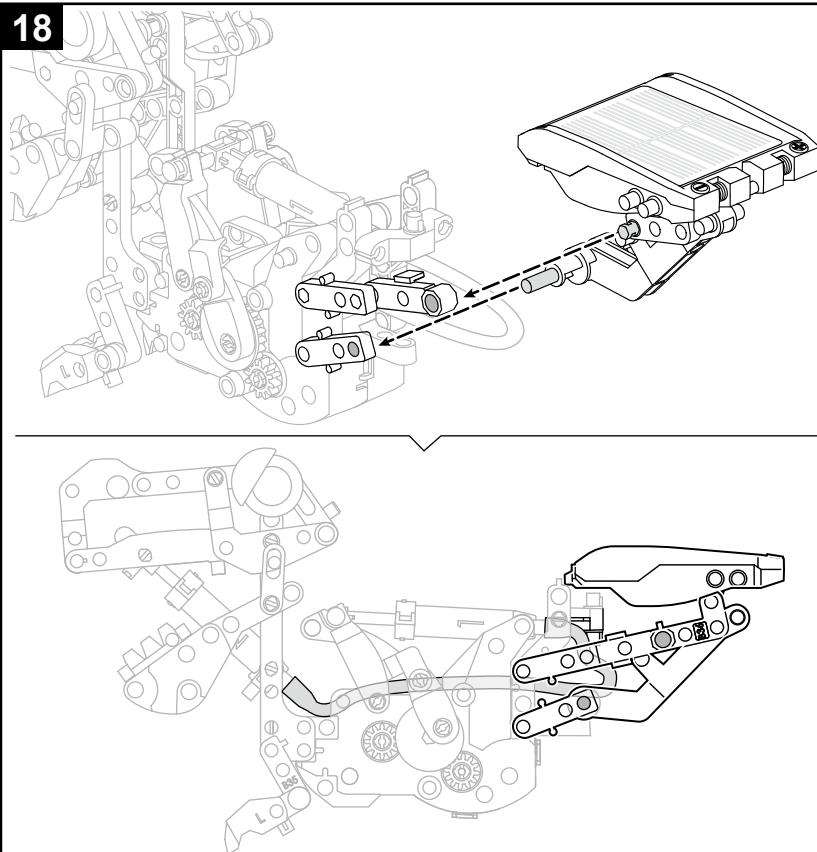
16



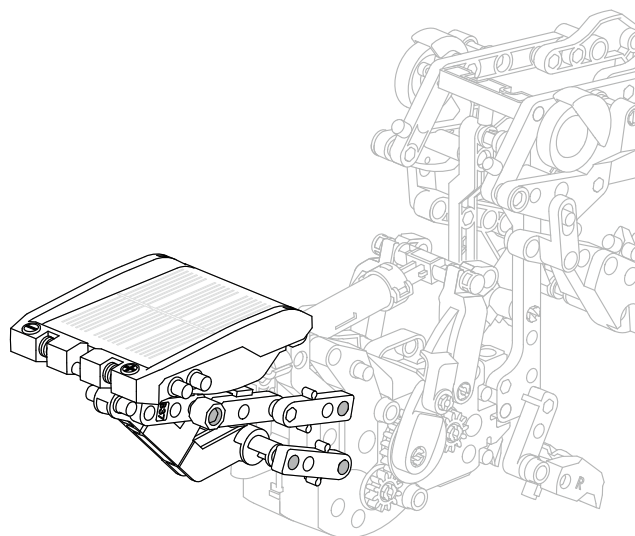
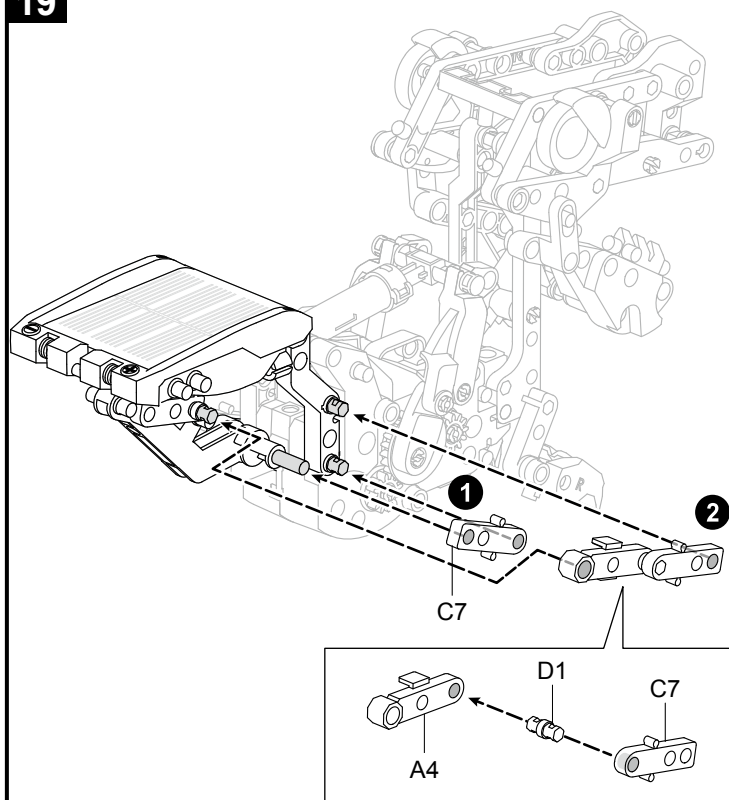
17



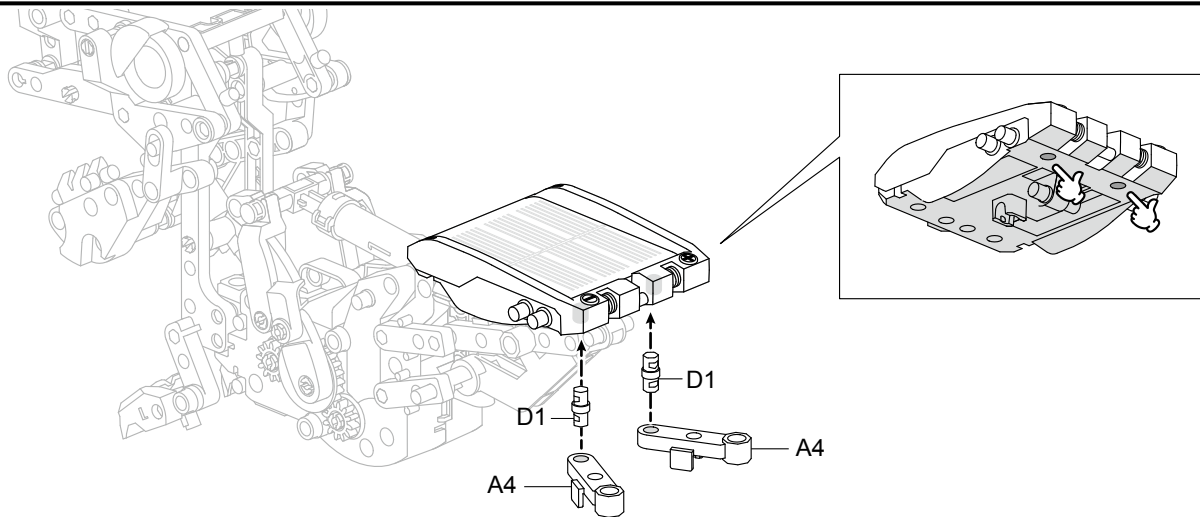
18



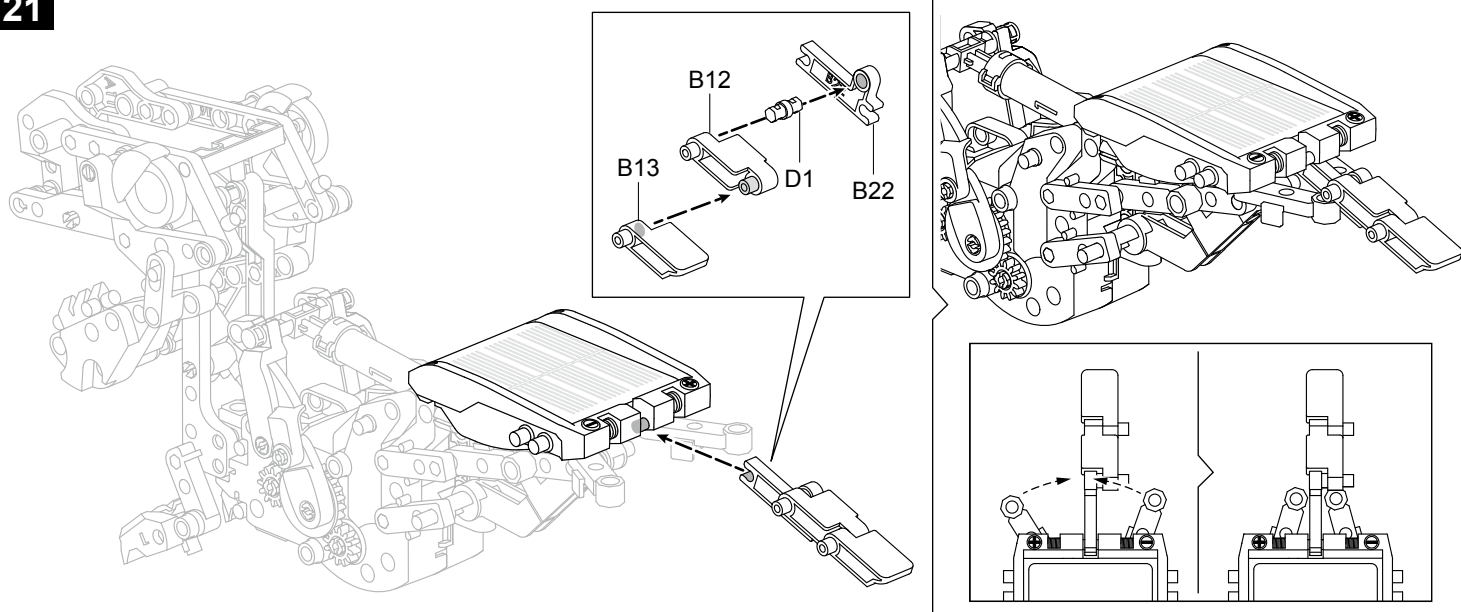
19



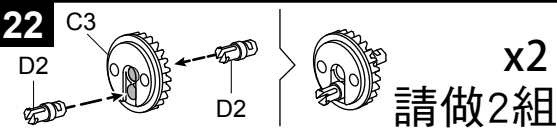
20



21

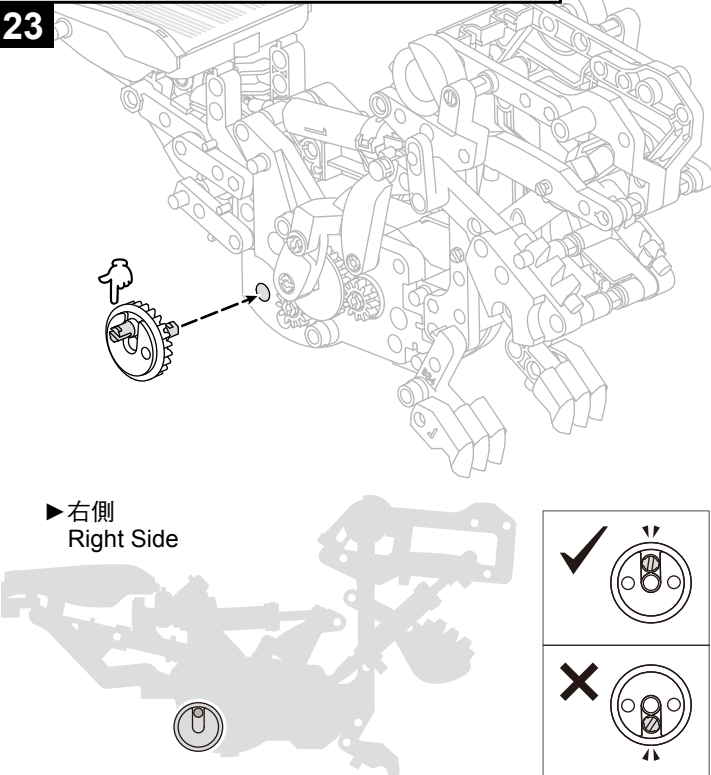


22

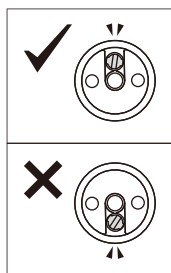


x2
請做2組

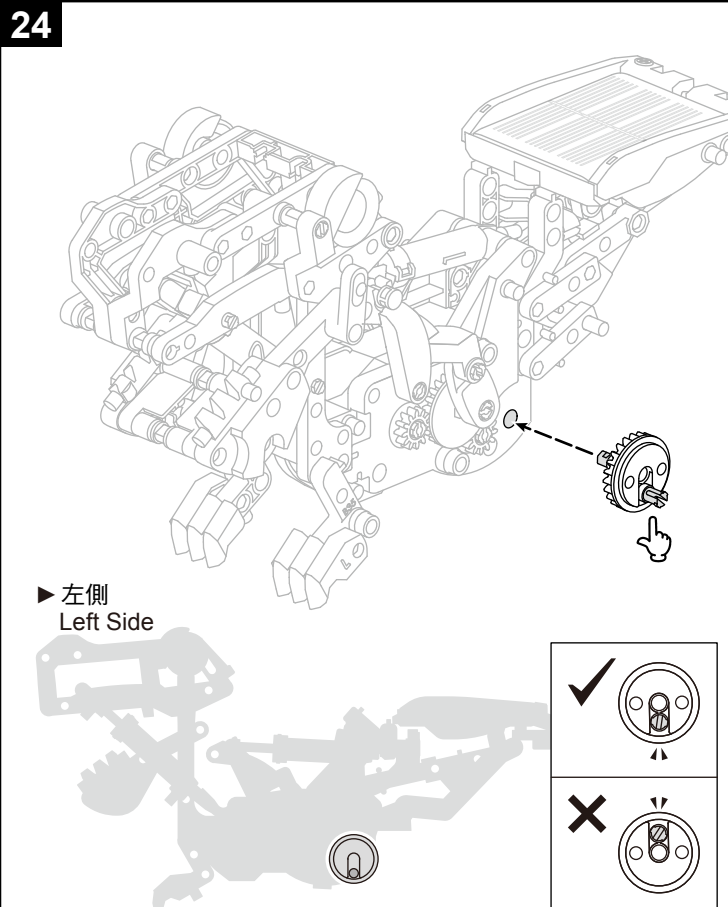
23



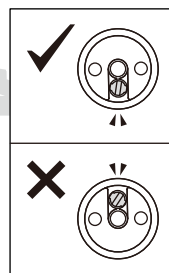
► 右側
Right Side

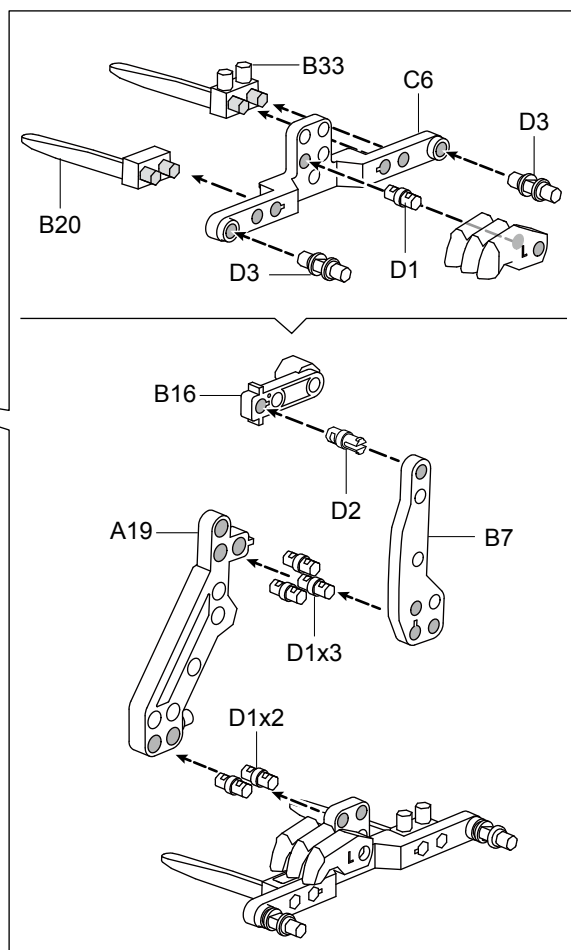
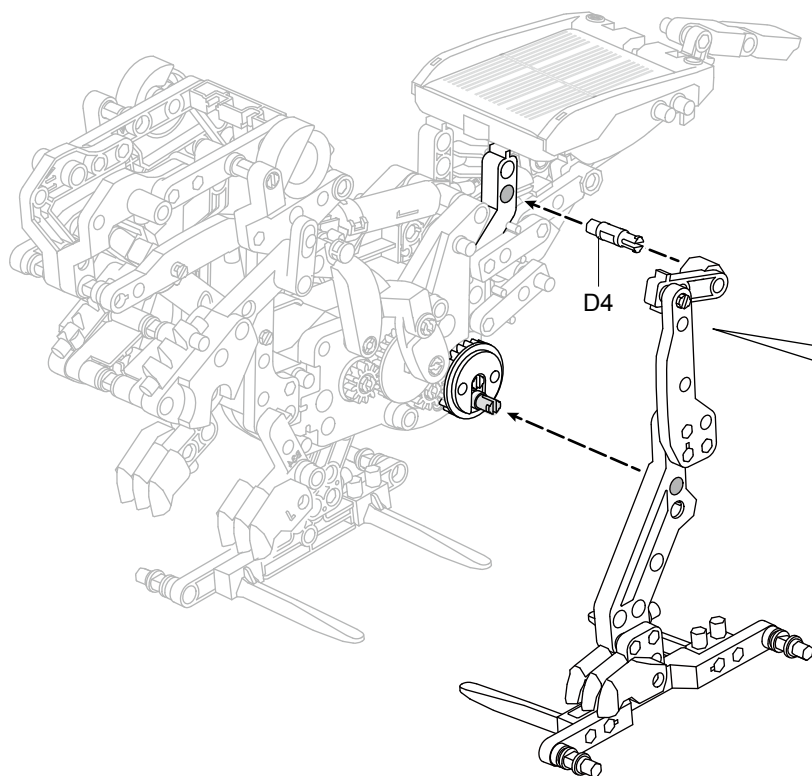
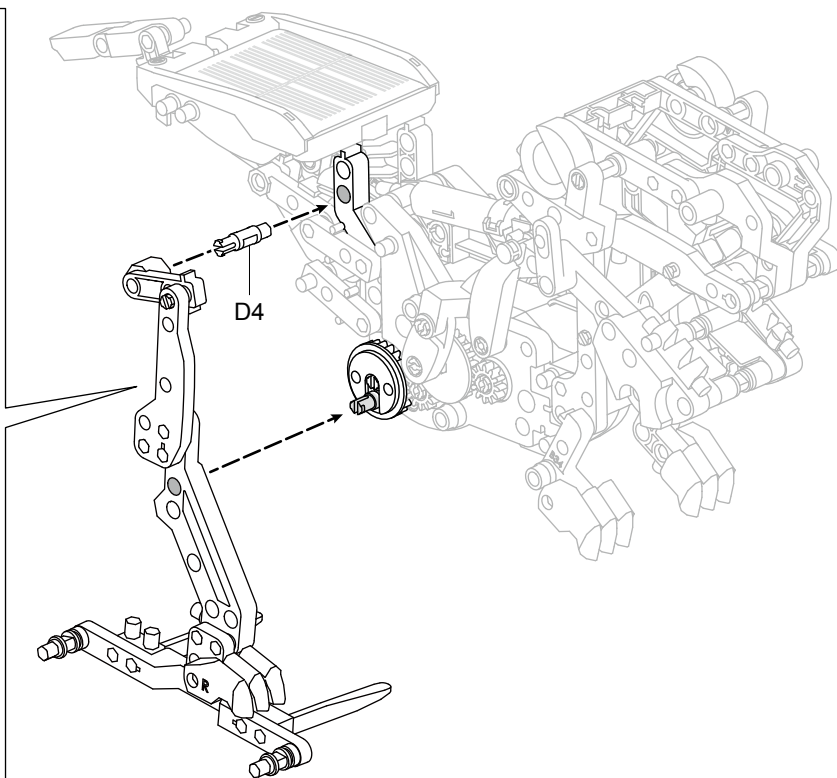
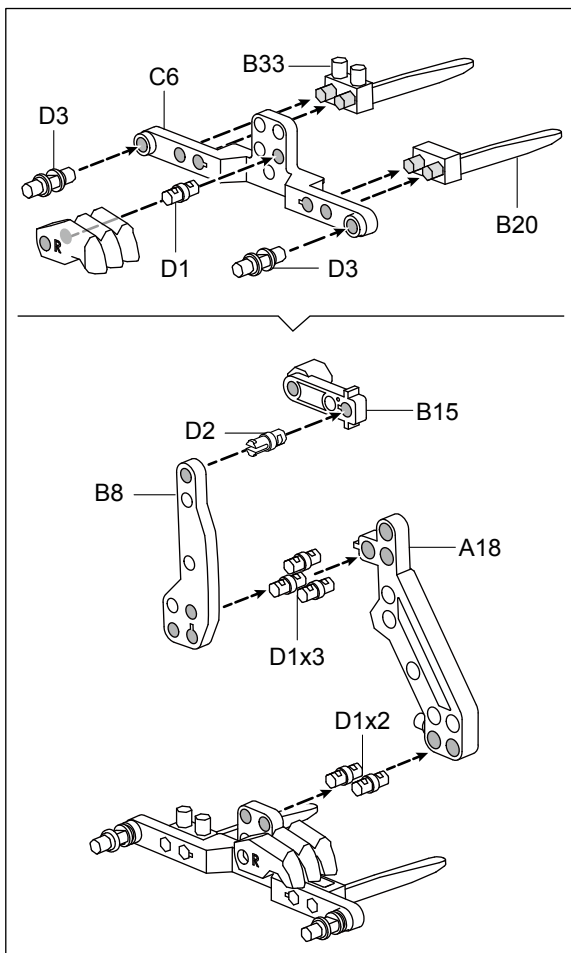


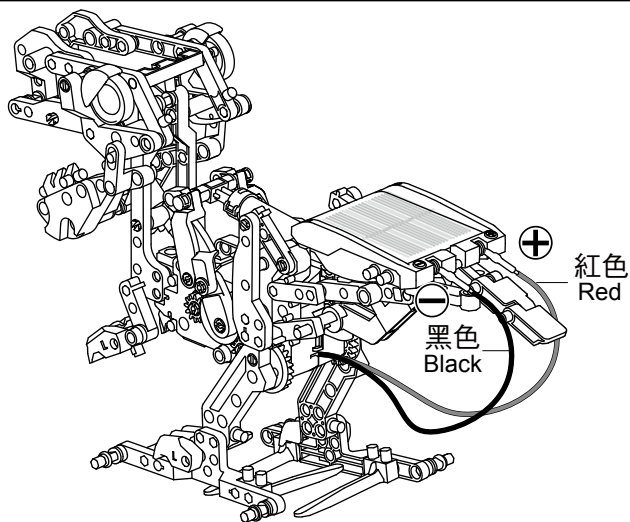
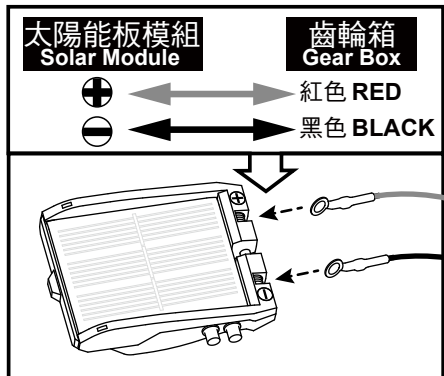
24



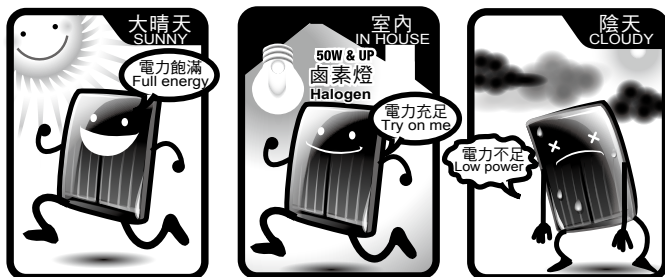
► 左側
Left Side



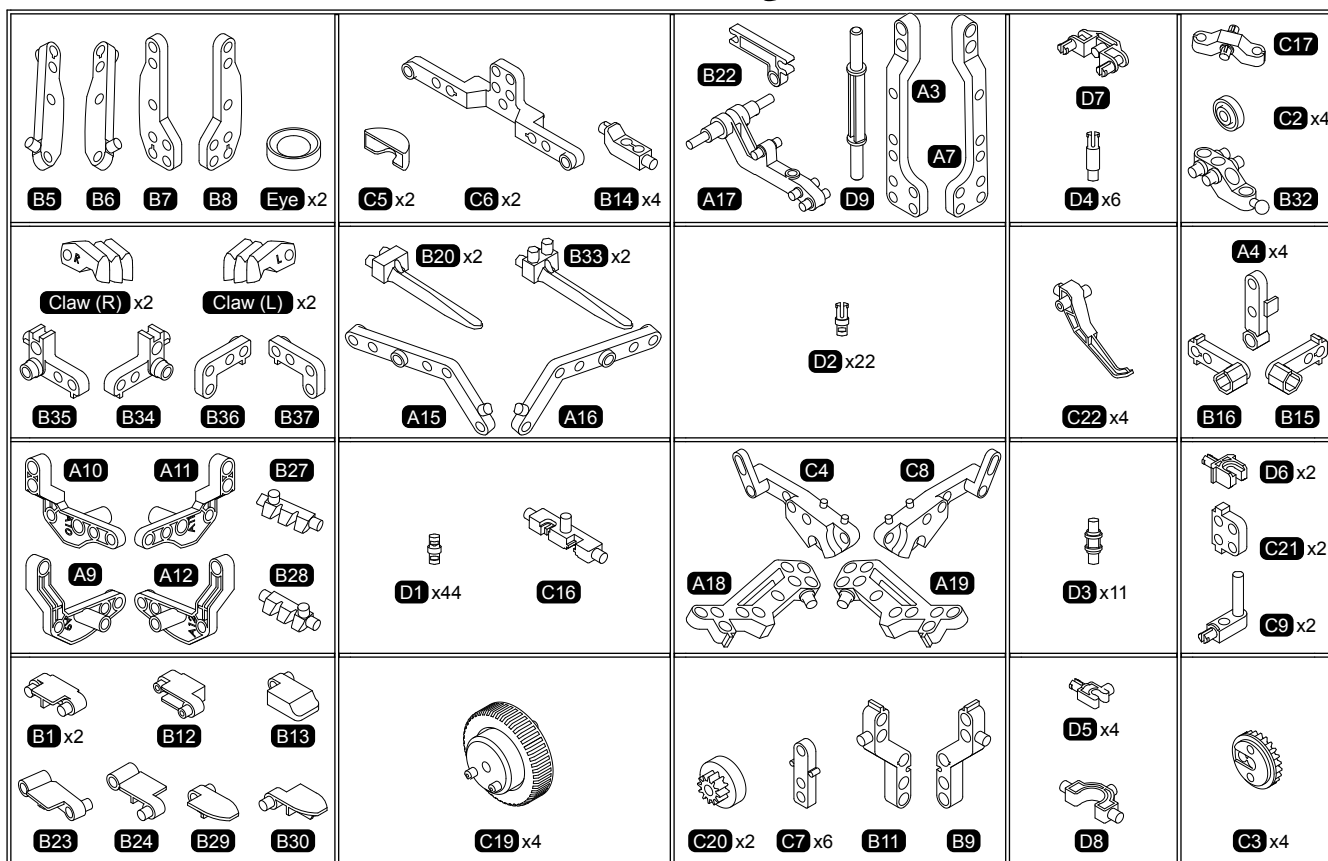
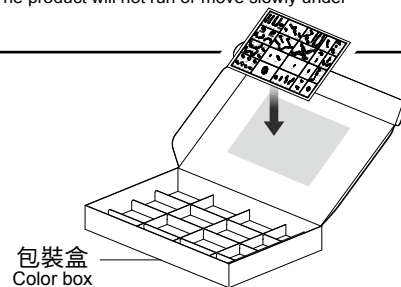




注意事項 Notice



1. 請在陽光充足的日子，戶外陽光直射下能得到最佳的遊玩效果。
Take outside under direct sunlight. Best results are obtained when operated on a sunny day.
2. 室內遊玩請使用50瓦鹵素燈。
For indoor fun, use a 50 watt halogen light.
3. 以下狀況無法使玩具移動：陰天、陰暗處、間接光線、螢光燈等。
The product will not run on a cloudy day, shaded locations, indirect sunlight or under a Fluorescent light.
4. 太陽強度簡易辨識：在太陽下手掌接近地面，可清楚看到手掌影子的邊緣線條，若邊緣線條模糊，表示強度不足，玩具可能移動緩慢或不移動。
Sunlight intensity recognition: Keep palm close to the ground, the shadow shall be with sharp edge; if not, the sunlight is considered weak. The product will not run or move slowly under insufficient sunlight



When ordering parts, please include the following

- | |
|--|
| |
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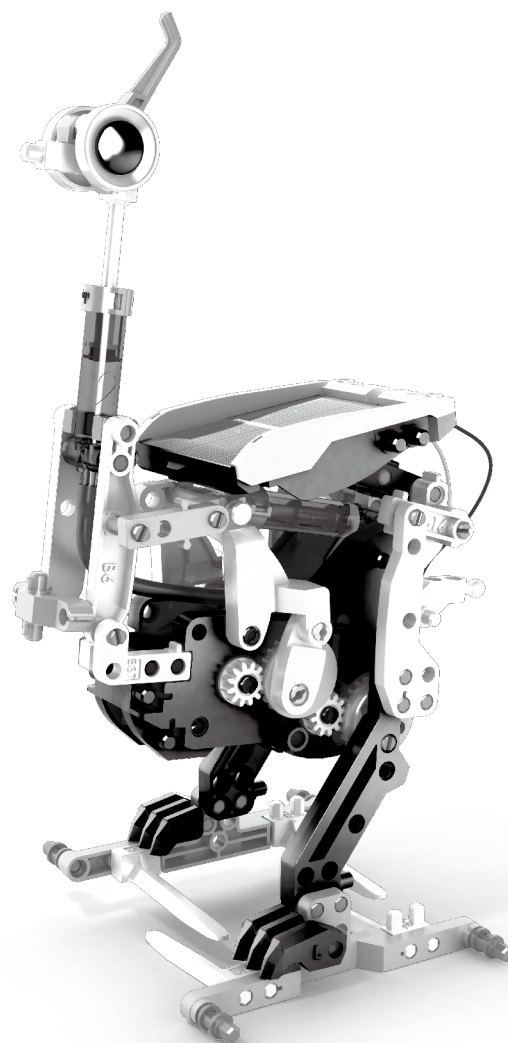
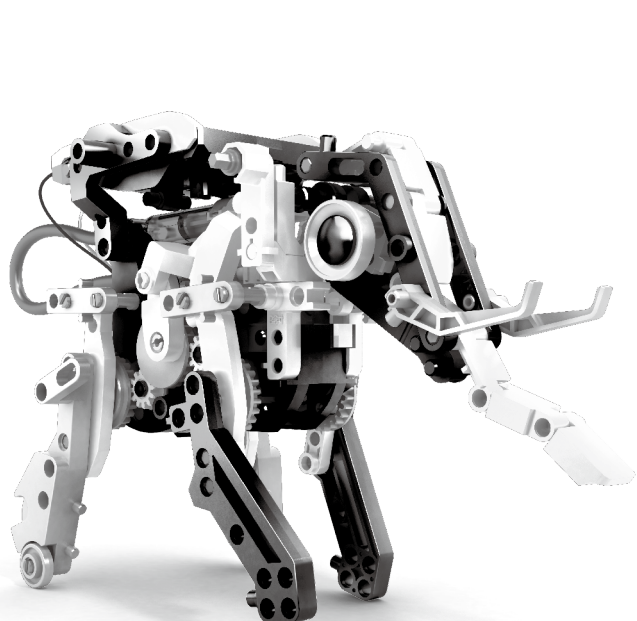
零件型號 Part Number	零件名稱 Part Name	數量 Qty
5GE-61800P1	馬達端子組 Motor With Connectors	
5GE-61800P2	太陽能板彈簧端子組 Solar Panel With Springs	
5GE-61800P3	軟管(15cm) Soft Tube (15cm)	
5GE-61800P4	小齒輪(黃色) Pinion Gear(yellow)	
5GE-61800P5	六角軸齒輪組 Gear With Shaft	
5GE-61800P6	齒輪(紅色) Gear(Red)	
5GE-61800P7	齒輪(綠色) Gear(Green)	
5GE-61800P8	自攻螺絲 Tapping Screw	
5GE-61800P9	泡棉 Sponge	
5GE-61800P10	圓軸 Round Shaft	
5GE-61800P11	棉繩 Rope	
5GE-61800P12	活塞帽(紅色) Cap(Red)	
5GE-61800P13	分隔紙板 Cardboard divider	
5GE-61800P14	液壓油包 Oil Bag	
5GE-61800PPA	塑料模型零件A Plastic model spare parts A	
5GE-61800PPB	塑料模型零件B Plastic model spare parts B	
5GE-61800PPC	塑料模型零件C Plastic model spare parts C	
5GE-61800PPD	塑料模型零件D Plastic model spare parts D	
5GE-61800PPE	塑料模型零件E Plastic model spare parts E	
5GE-6180001M	說明書 Instructions	



內含小零件，請勿讓三歲以下孩童使用，避免誤食危險。
不可對著人臉和眼部衝撞，避免造成意外傷害。

12 in 1 | **SOLAR & HYDRAULIC**
CONSTRUCTION Kit

12合1百戰天龍



Pro'sKit®

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