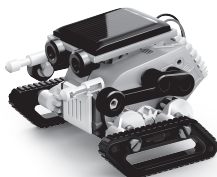
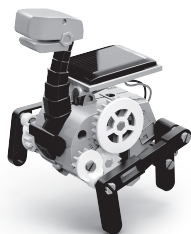
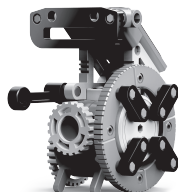
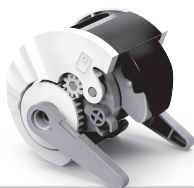


GE-619

Pro'sKit®

SOLAR
8 in 1
EDUCATIONAL
ROBOT KIT

淘气小8



Assembly & Instruction
Manual

组装说明手册

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淘气小8 八变太阳能机器人

产品介绍

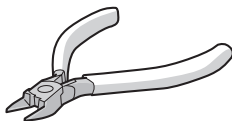
淘气小8一机兼具各种有趣的造型，从赛车到动物到鼓手，样样精彩。每种变化的难度都不高，初学者也可以轻松上手。孩子们能迅速的沉浸在组装的乐趣中，并且从中获得成长知识的成就感。多变的造型可启发孩子无限的创造力，发挥想象创造属于自己的变化。淘气小8的每款变化造型都是参考与模仿真实动作，包括动物、汽车、打鼓…等，仿真却又可爱的动作，搭配机械结构，能充分引发孩子的兴趣。太阳能发电是未来备受瞩目的替代能源之一，淘气小8的太阳能动力来源刚好可以给孩子一个正确的环保节能观念，成功的寓教于娱乐之中。



警告

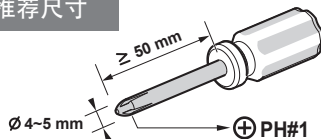
- 1.本玩具内含小物件，请勿让三岁以下孩童取得，以免放入口中造成窒息。
- 2.儿童使用剪切工具时，请家长指导使用方式，并请在家长监督下使用，以免发生意外。
- 3.为避免婴儿或儿童产生窒息的危险，请于拆卸后立即将塑料袋销毁或远离婴儿及儿童。

自备工具如下



斜口钳(宝工型号:PM-200 或 PM-202)

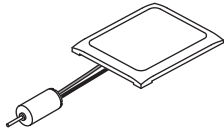
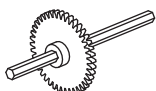
推荐尺寸



#1十字螺丝刀
(宝工型号:
9SD-202B 或
89102B)

零件清单

! 部份零件含有锐利的边缘及尖角，组装时请特别注意

P1	太阳能板马达	P2	齿轮(黄色)	P3	齿轮(红色)	P4	齿轮(橘色)
  请不要连接电源线 1 pc	 1 pc	 1 pc	 1 pc				
P5	六角轴齿轮组	P6	圆轴	P7	自攻螺丝	P8	泡棉
 1 pc	 1 pc	 1 pc	 2 pcs				

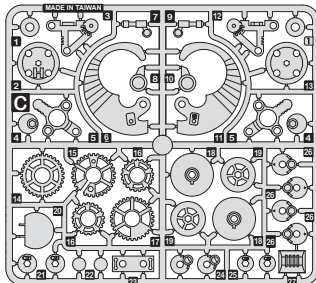
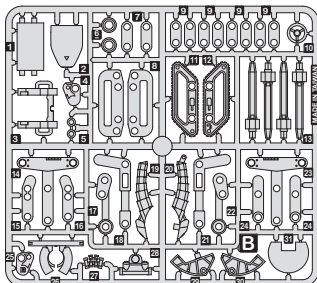
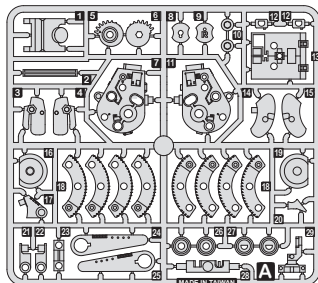
塑料模型零件

! 请依照组装步骤将所需的零件剪下，事先全数剪下会在组装时造成混淆

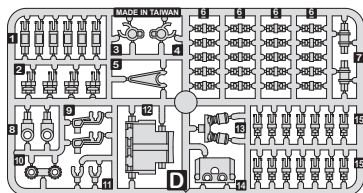
A 橘色

B 黑色

C 白色



D 灰色



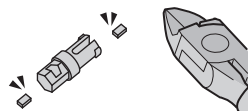
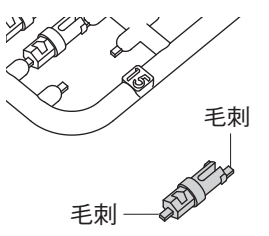
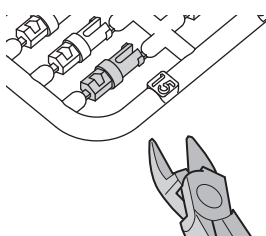
组装前需知



小技巧提醒

在开始组装前，请仔细阅读以下说明

请将毛刺修剪干净



修剪仅限毛刺，请勿误剪本体上的塑料，以免造成组装不完全

旋紧螺丝

请使用正确的螺丝刀头型(#1)，依照下面的步骤将螺丝锁紧



将螺丝刀头对准螺丝

- (1) 依锁紧方向拧转
- (2) 锁固感越来越紧绷
- (3) 继续拧转

重复动作直到无法再拧动螺丝为止



螺丝务必要锁紧，倘若螺丝未锁紧，可能会导致组装崩解或是产品无法正常使用



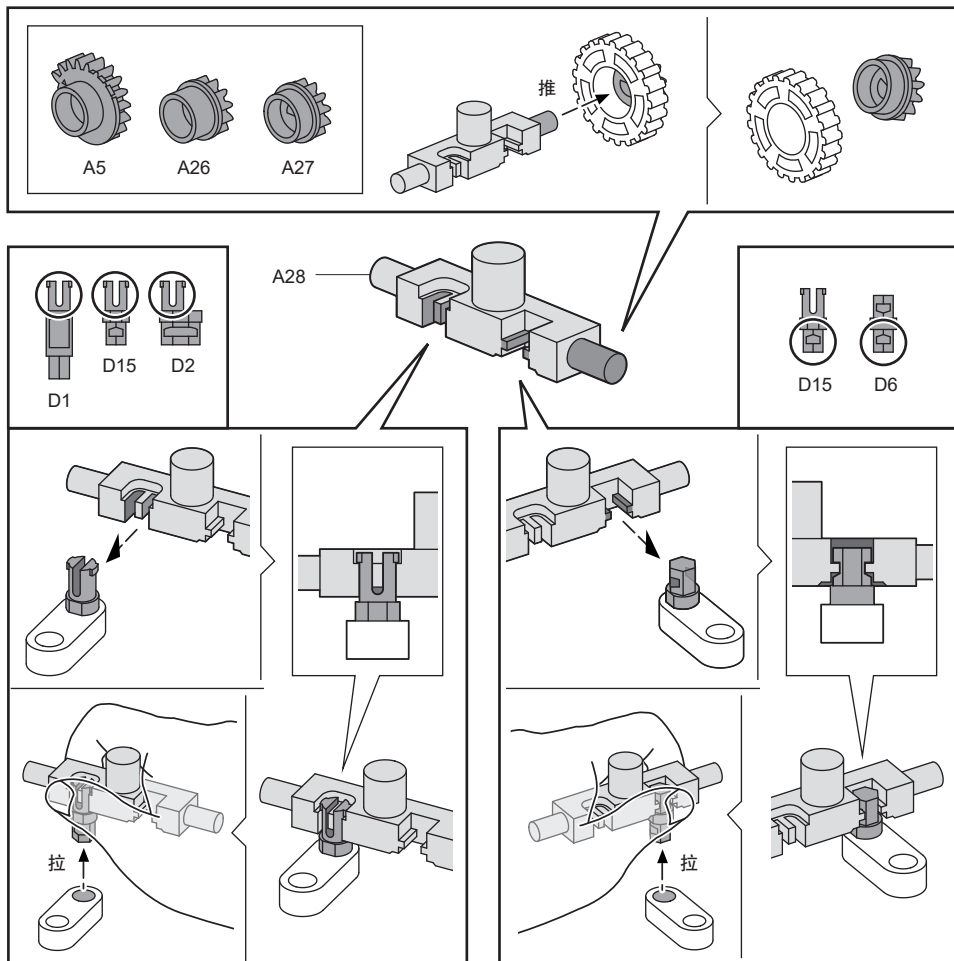
正确



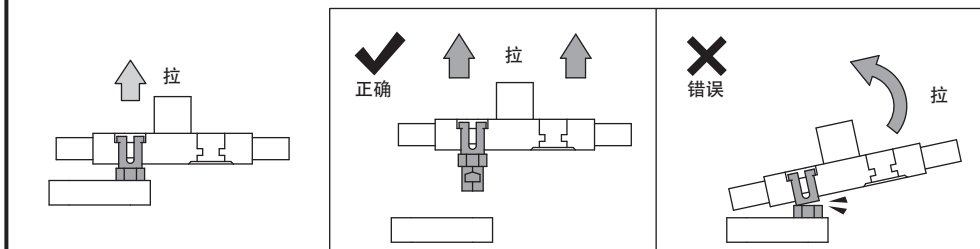
错误

小技巧提醒：塑料模型零件拆卸

1. 如何使用A28辅助工具



2. 平行向上拉起分离配件



共用齿轮箱组装

太阳能板组装

1



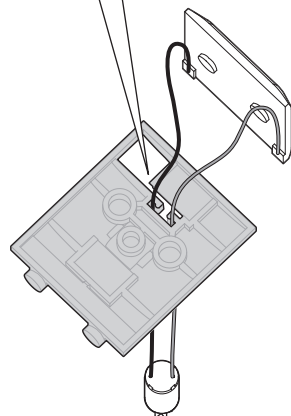
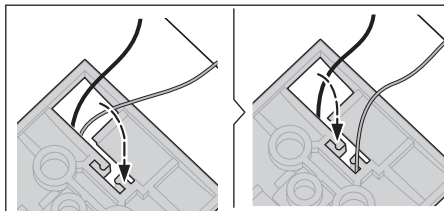
正确



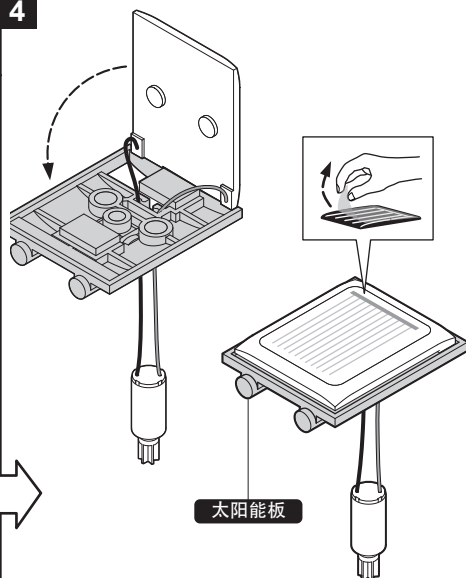
错误



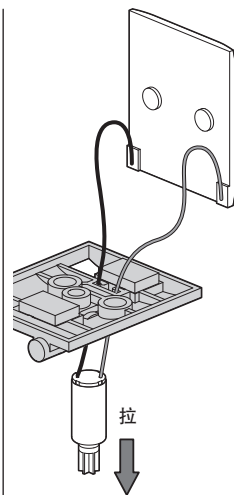
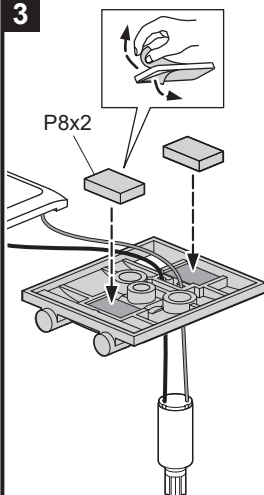
2



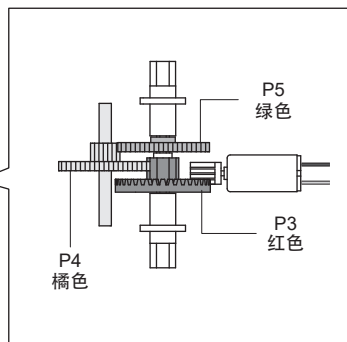
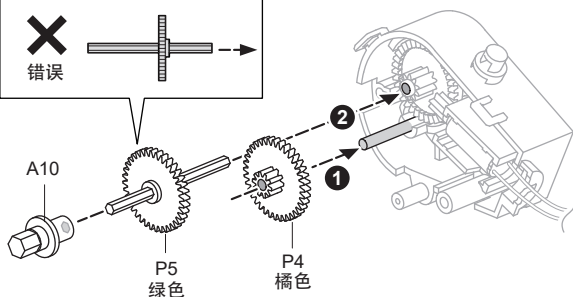
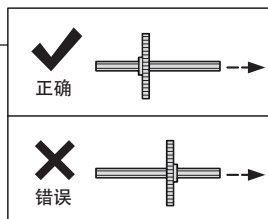
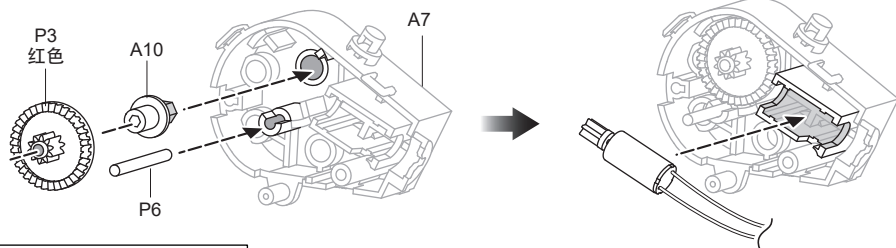
4



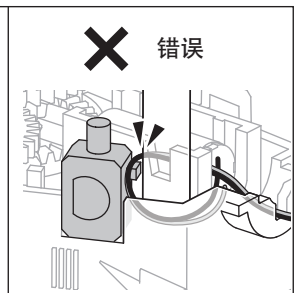
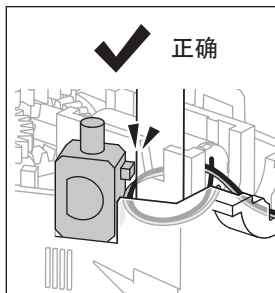
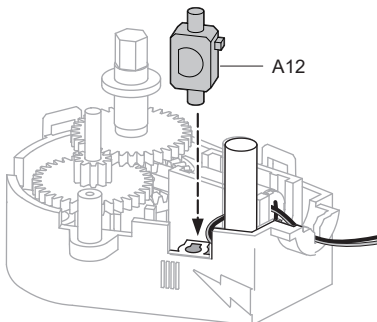
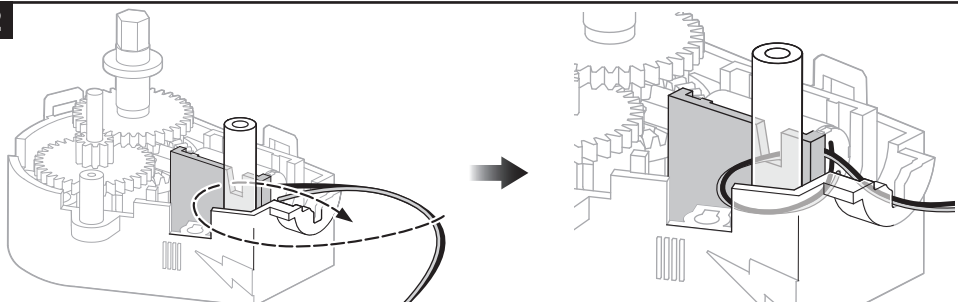
3



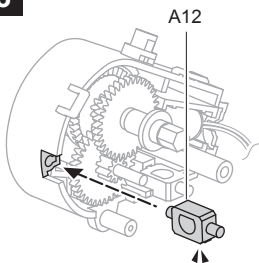
1



2



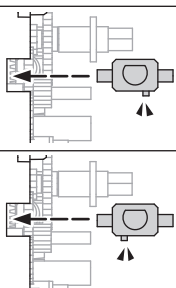
3



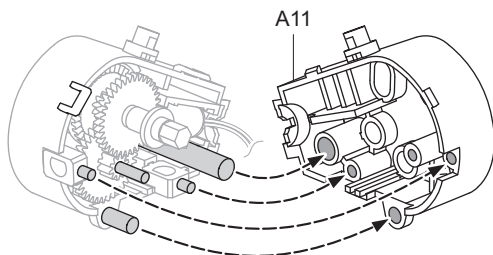
正确



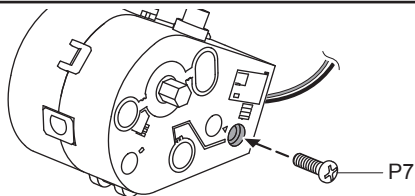
错误



4

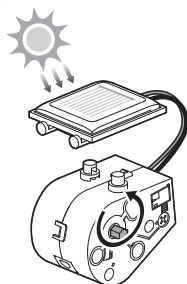


5

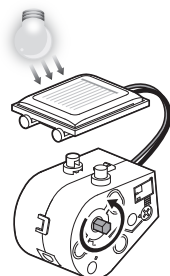


太阳能齿轮箱测试

1 阳光



2 50W以上卤素光源



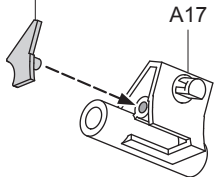
如果齿轮箱无法正常运行，请回到第四页重新组装一次

模组A & B组装

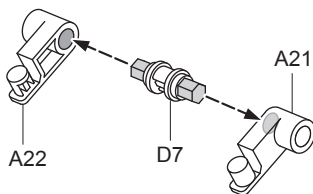
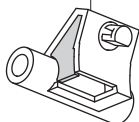
(增加说明: 请注意! 模组A & B 非通用组件, 可依想组合的造型再进行组装)

A20

A17



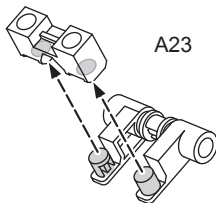
模组A



A22

D7

A21



A23



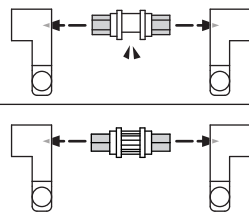
请注意组装时凹槽面朝下



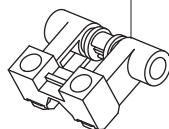
正确



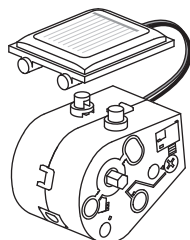
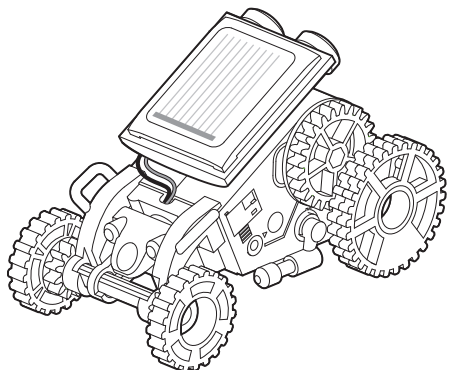
错误



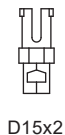
模组B



01.赛车小一

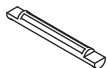


齿轮箱模组



D15x2

1:1



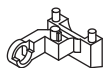
A2



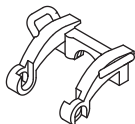
A26x2



A27x2



A29



B3



B6x2



B10



B28



C7



C9



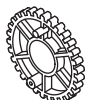
C14



C15



C16x2



C17



C19x2

模型板A

橘色

模型板B

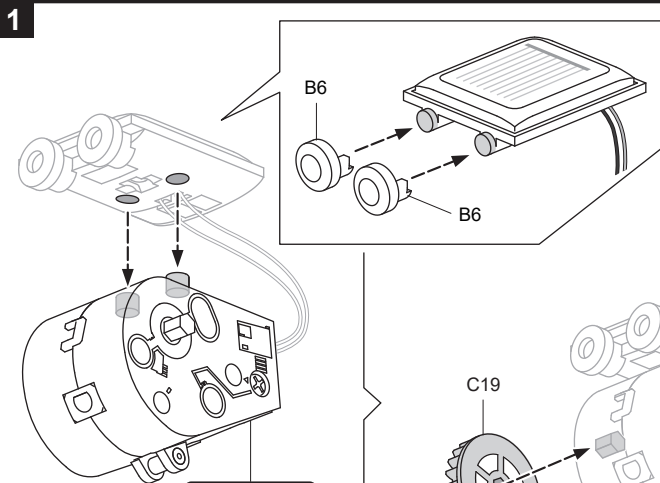
黑色

模型板C

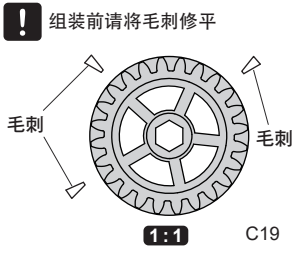
白色

模型板D

灰色



齿轮箱模组

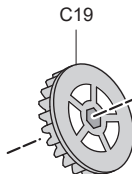


毛刺

C19

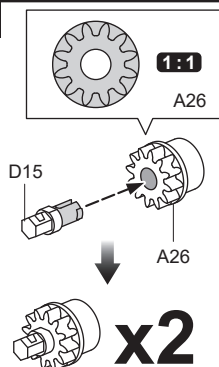


C19

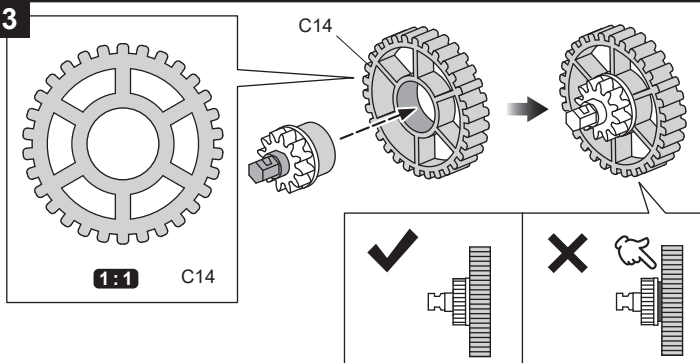


C19

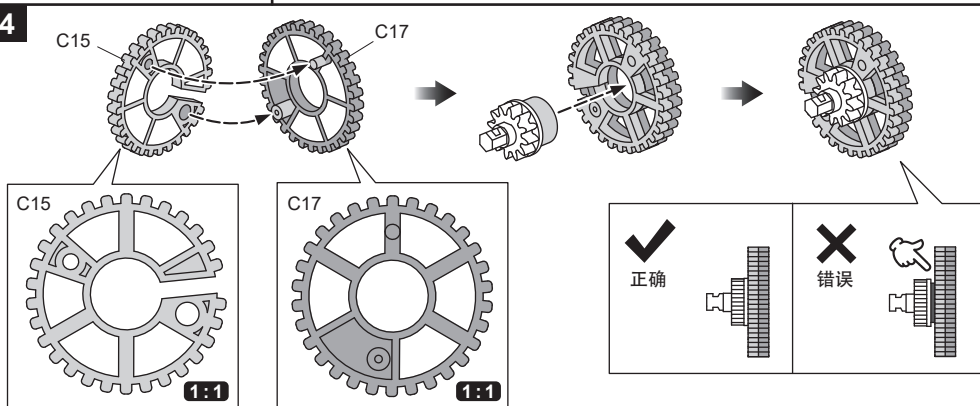
2



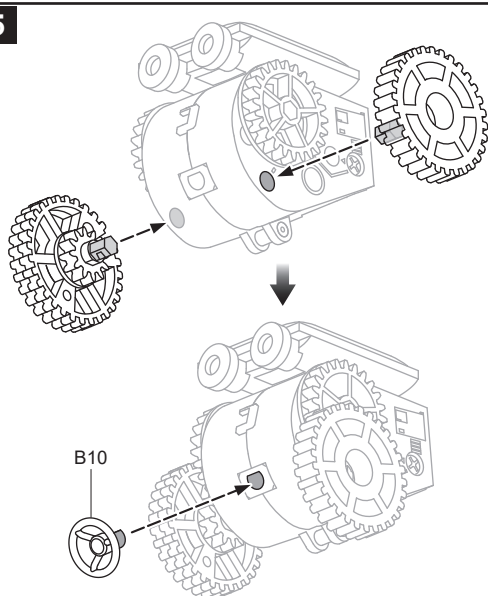
3



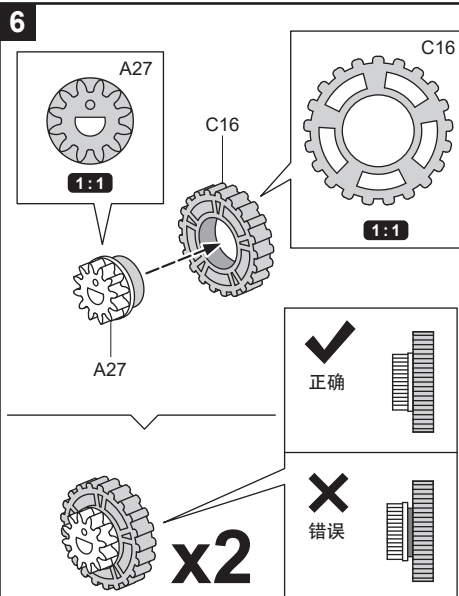
4



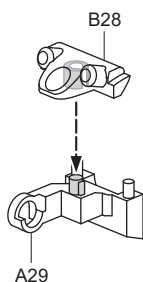
5



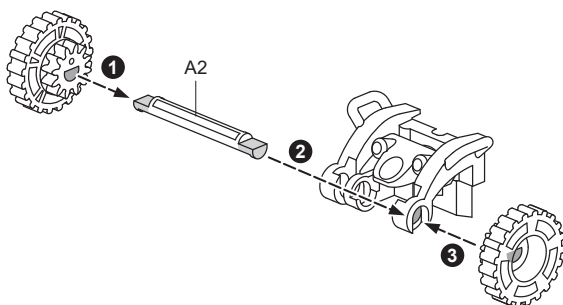
6



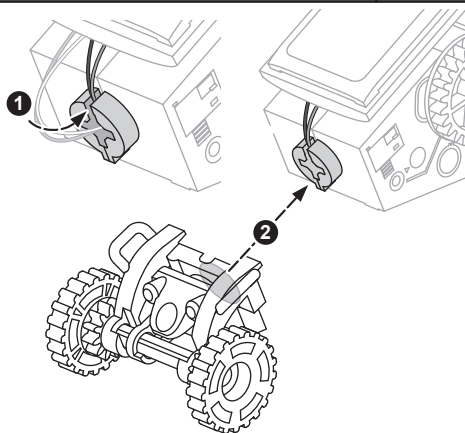
7



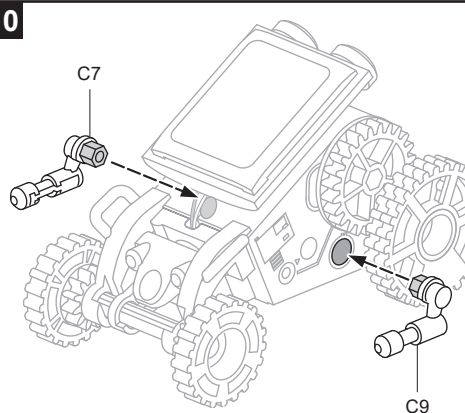
8



9

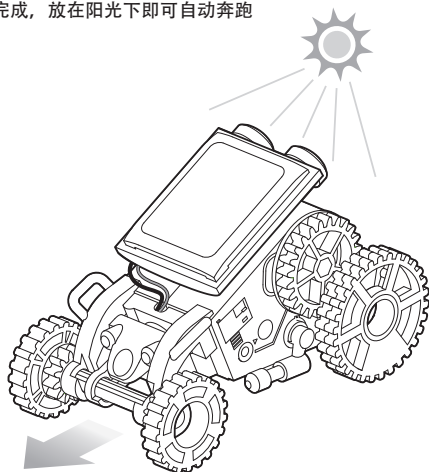


10

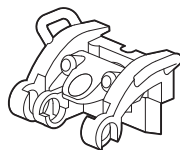


11

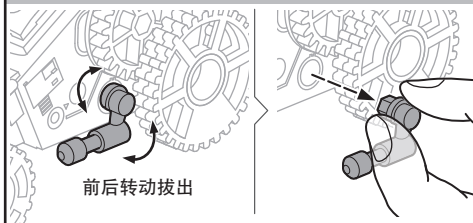
完成，放在阳光下即可自动奔跑



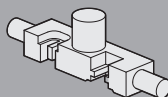
无须拆解



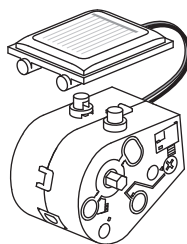
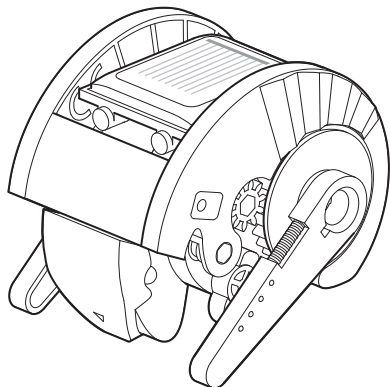
拆卸技巧



拆卸技巧：
使用辅助工具A28去拆卸D15



02. 狢猻小二



齿轮箱模组



D6x2



D15x2

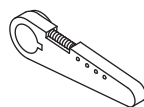
1:1



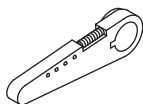
A14



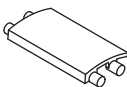
A15



A24



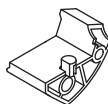
A25



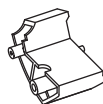
B1



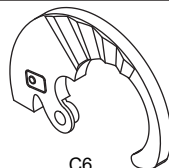
B2



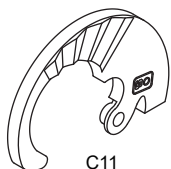
B29



B30



C6



C11



C18x2



C25x2



D3



D4

模型板A

橘色

模型板B

黑色

模型板C

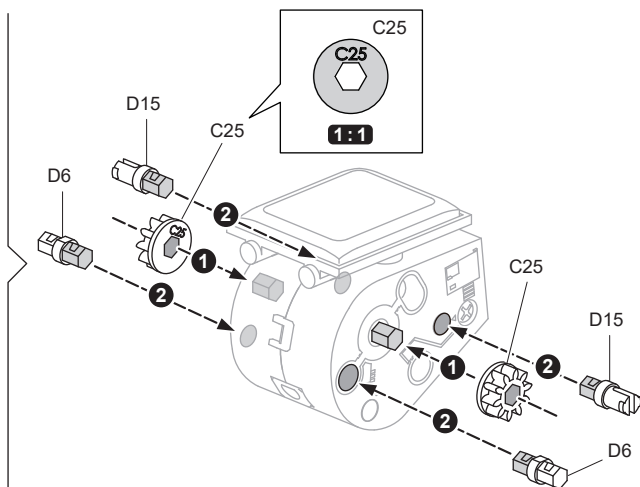
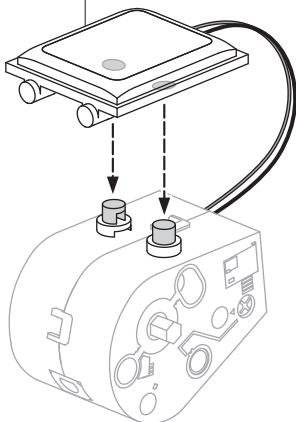
白色

模型板D

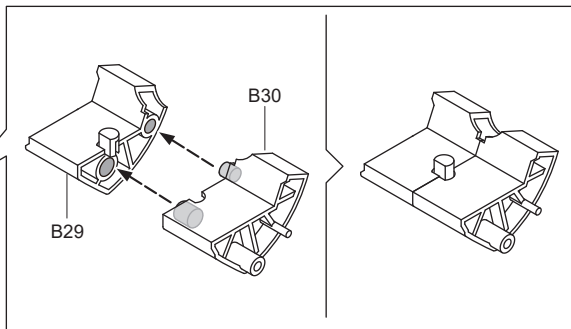
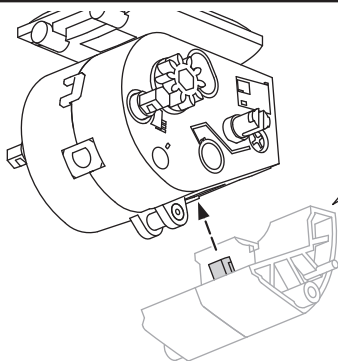
灰色

1

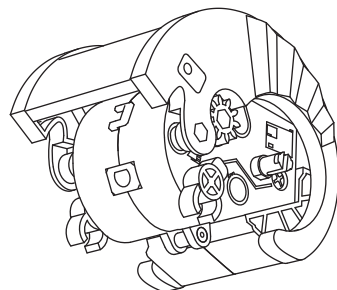
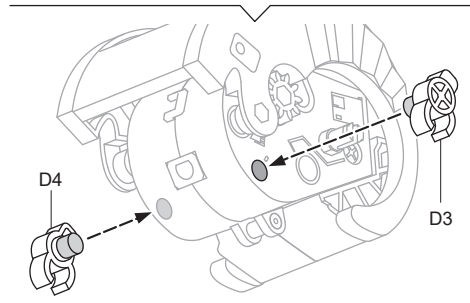
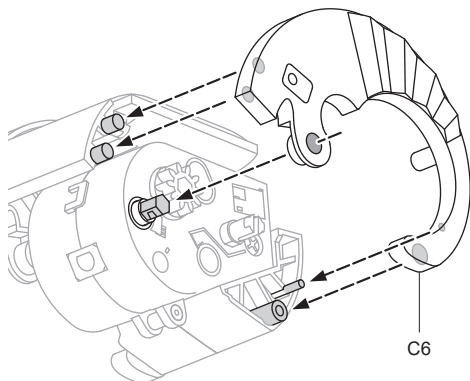
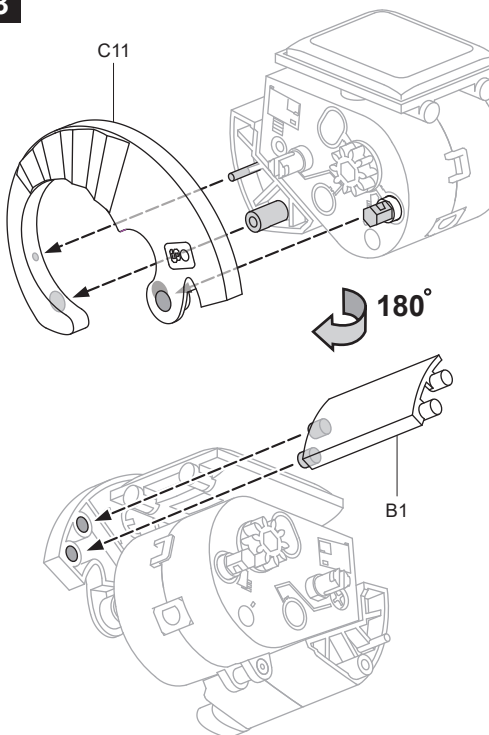
齿轮箱模组



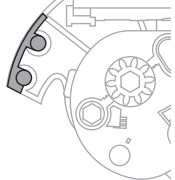
2



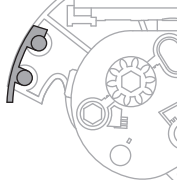
3



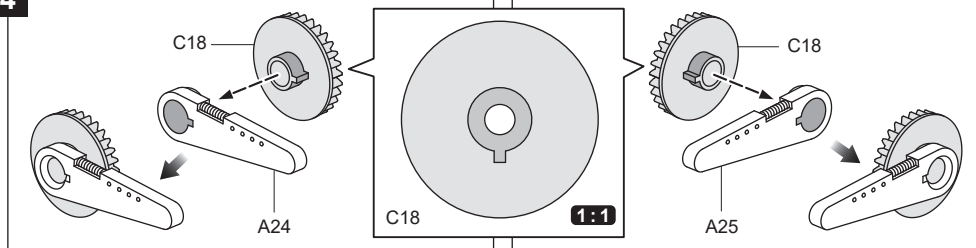
正确



错误

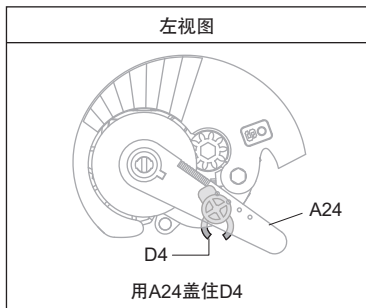


4

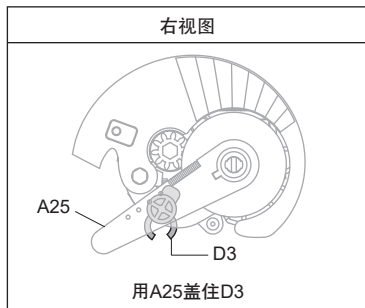


★ 请注意：A24 & A25须依循同角度组装

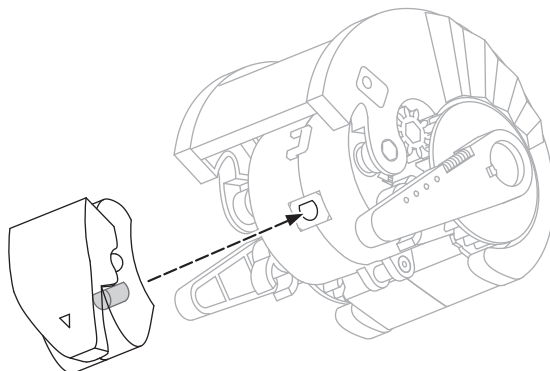
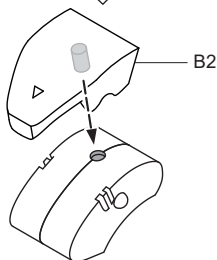
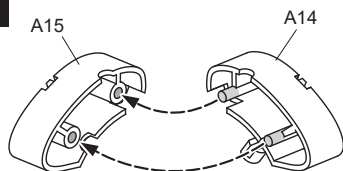
左视图



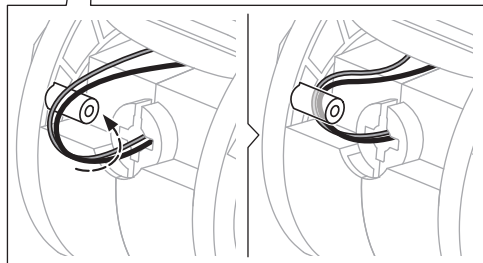
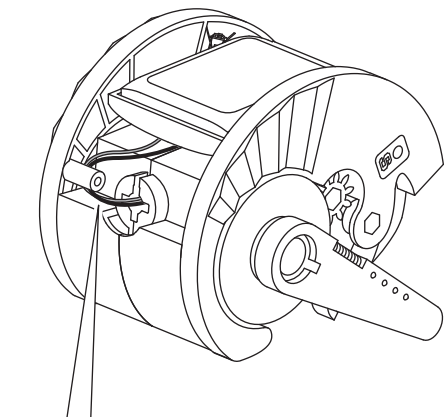
右视图



5

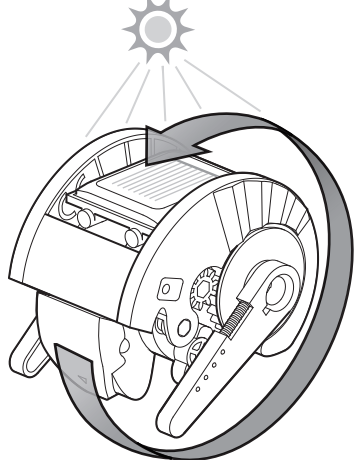


6



7

完成，放在阳光下即可自动奔跑

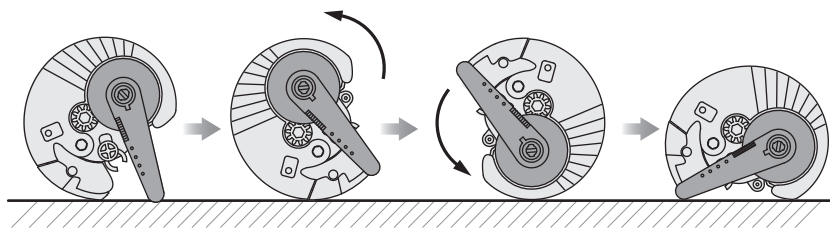
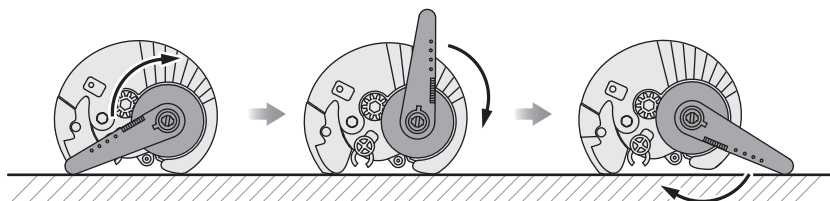


! 太阳能板请面向阳光

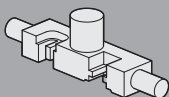
无须拆解



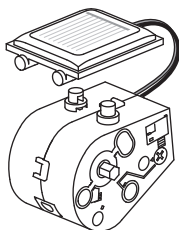
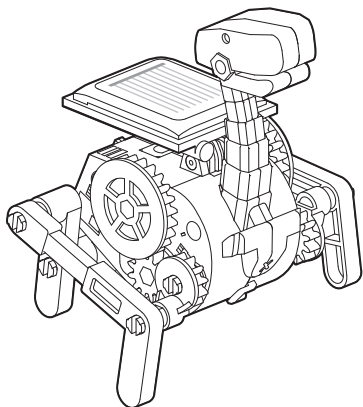
狍徐小二滚动方式



拆卸技巧：
使用辅助工具A28去拆卸D6、D15



03. 雷龙小三



齿轮箱模组



D15x10

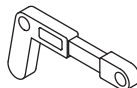
1:1



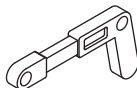
A3



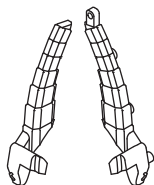
A4



B18



B21



B19

B20



B24x2



C19x2



C21x2



C24x2



D5



D9



模组B

模型板A

橘色

模型板B

黑色

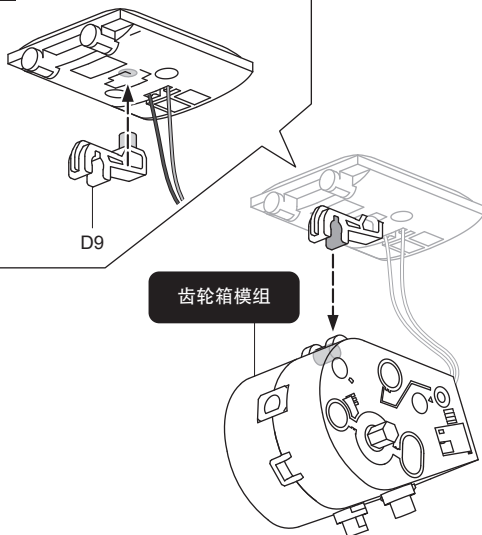
模型板C

白色

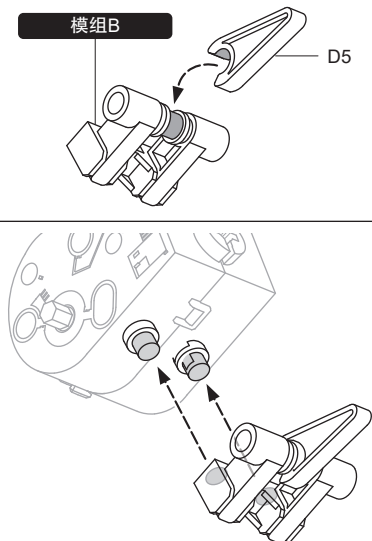
模型板D

灰色

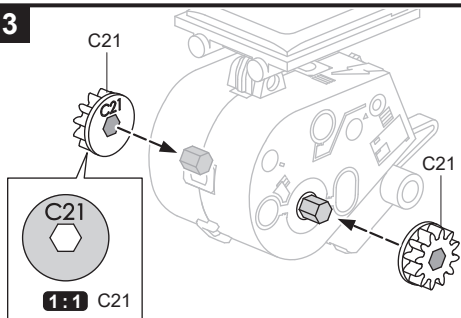
1



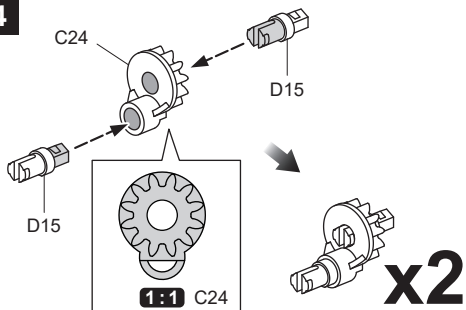
2



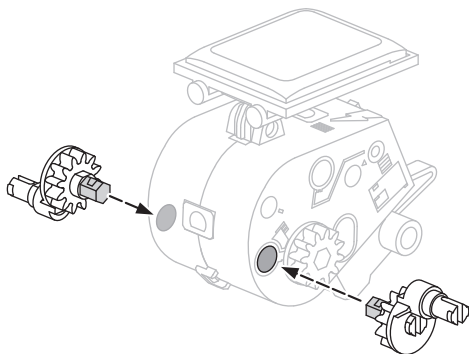
3



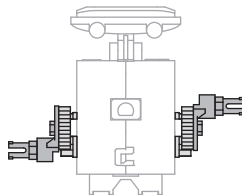
4



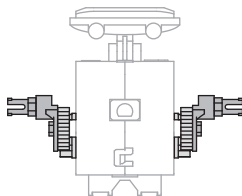
5



正确



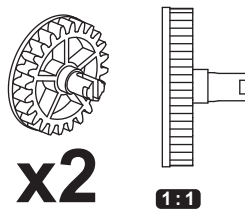
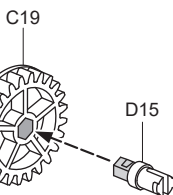
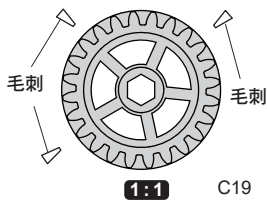
错误



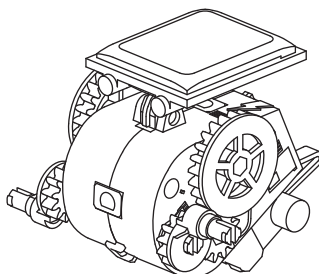
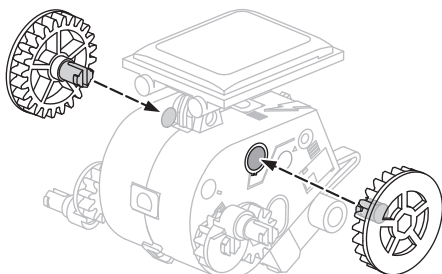
6



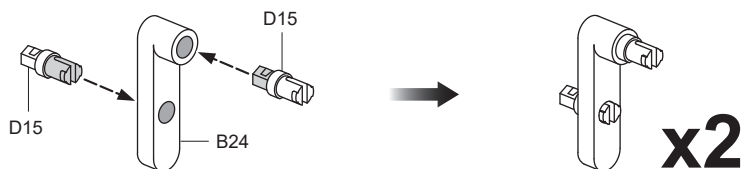
组装前请将毛刺修平



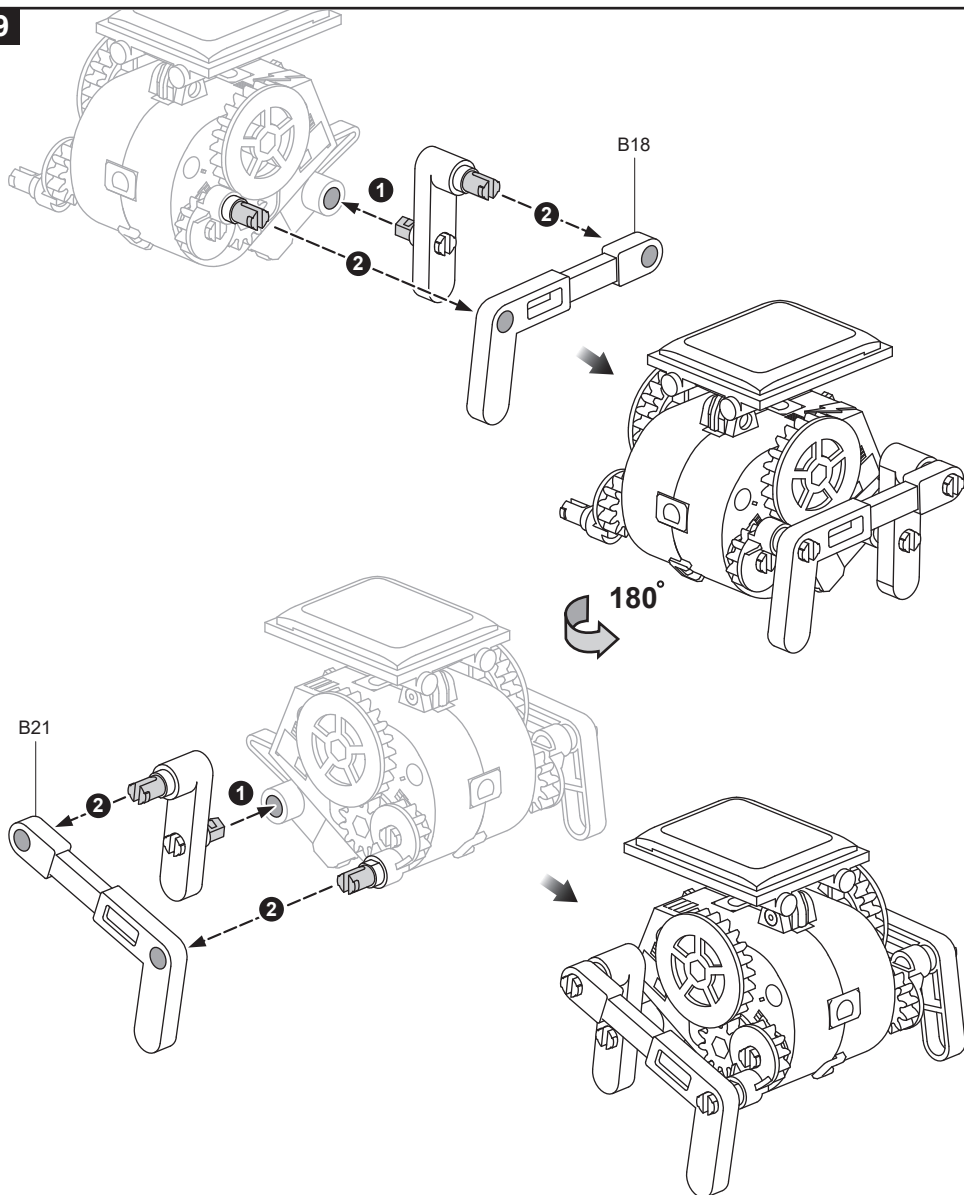
7



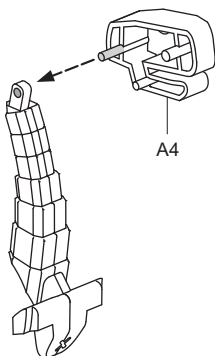
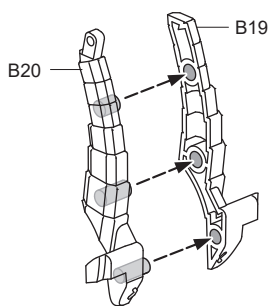
8



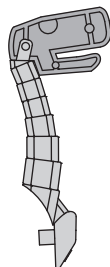
9



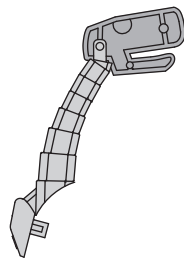
10



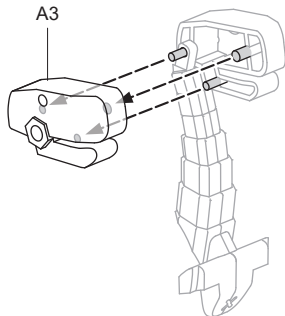
正确



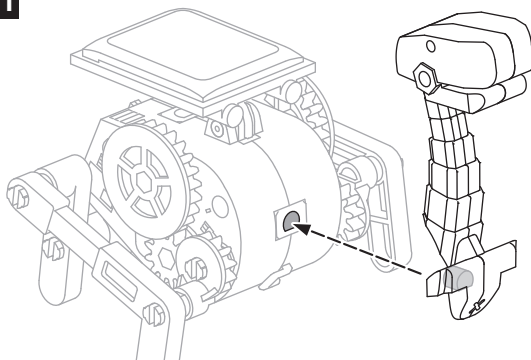
错误



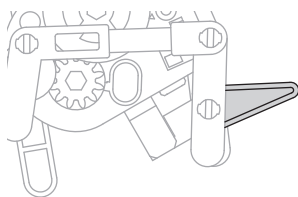
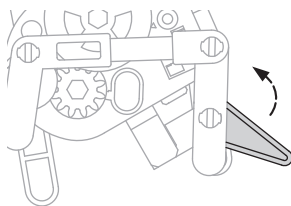
A3



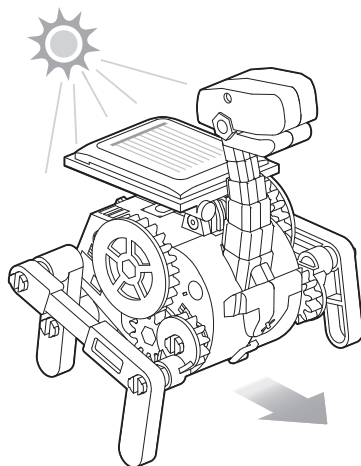
11



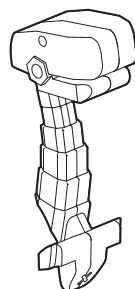
12 请将尾巴往上转



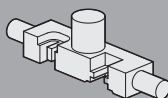
13 完成，放在阳光下即可自动奔跑



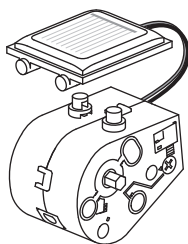
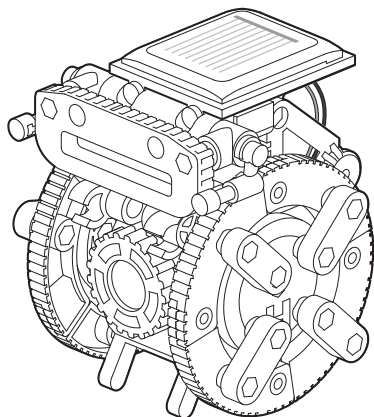
无须拆解



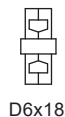
拆卸技巧：
使用辅助工具A28去拆卸D15



04.冲刺小四



齿轮箱模组



D6x18

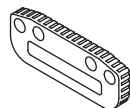
1:1



A1



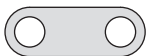
A18x8



B8



C2



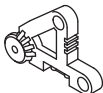
B7x2

1:1



B9x8

1:1



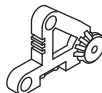
C3



C7



C9



C12



C13



C16



C23



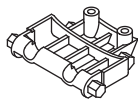
D3



D4



D8x2



D12



D13



模组A

模型板A

橘色

模型板B

黑色

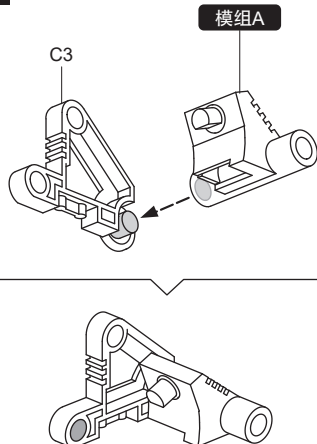
模型板C

白色

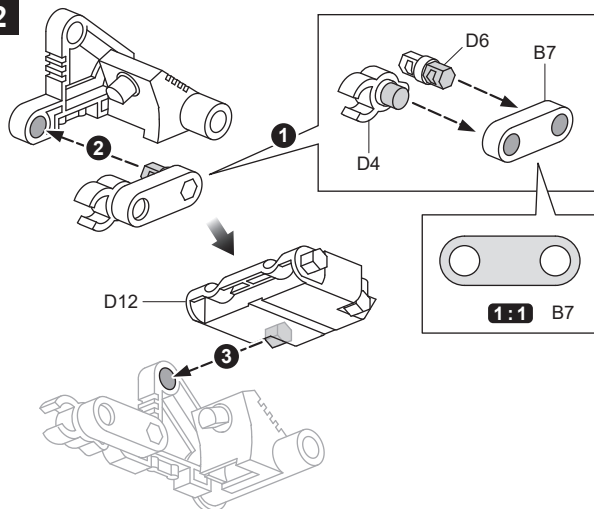
模型板D

灰色

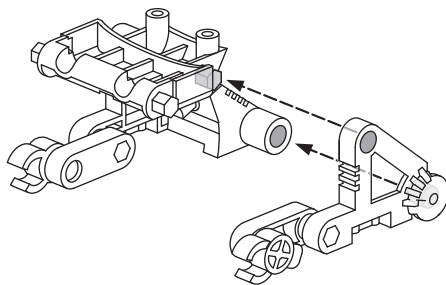
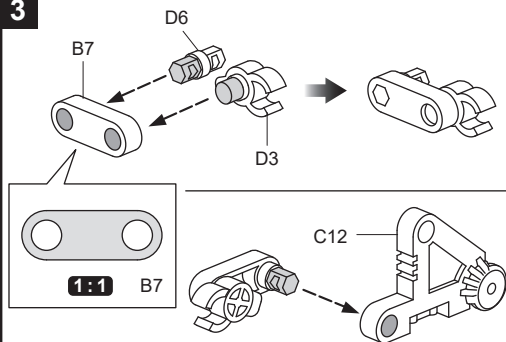
1



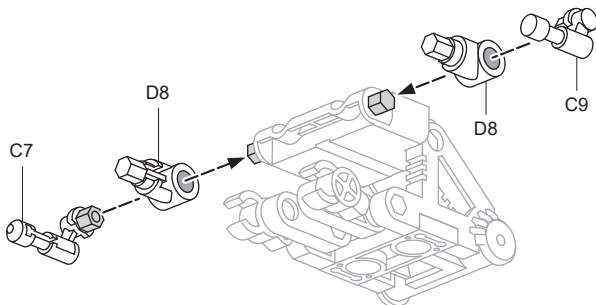
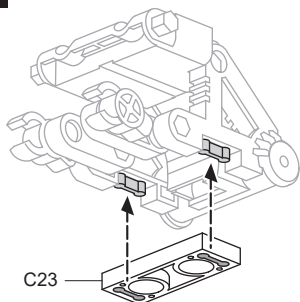
2



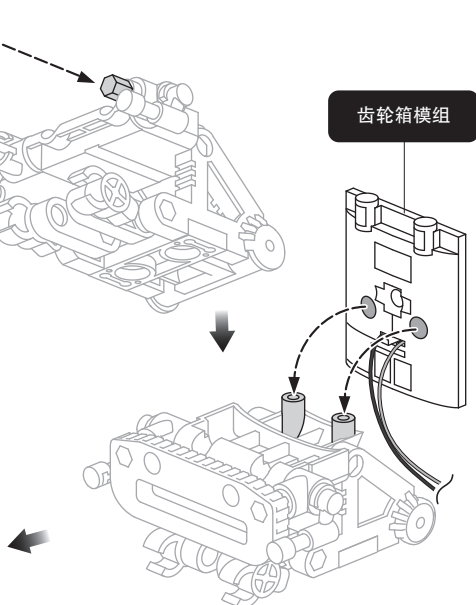
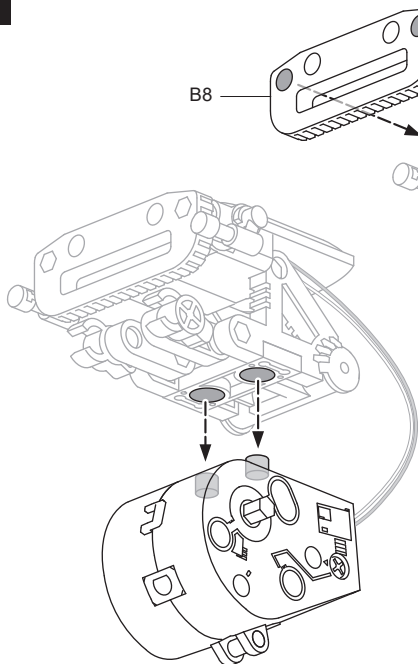
3



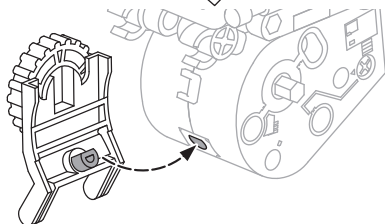
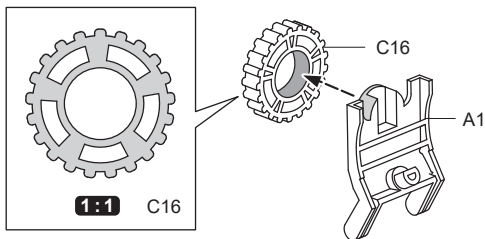
4



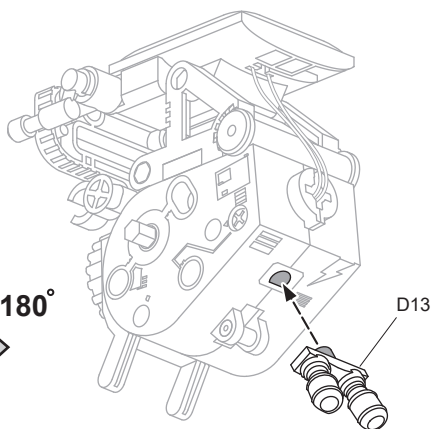
5



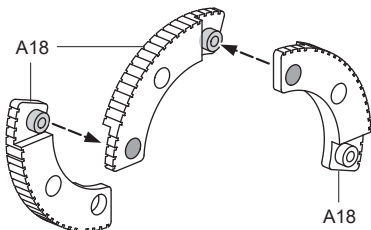
6



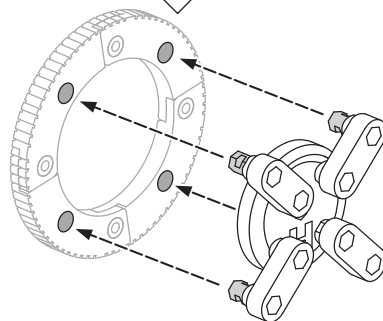
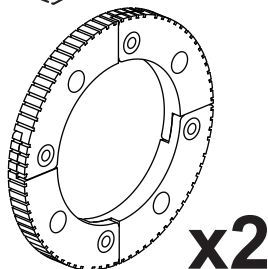
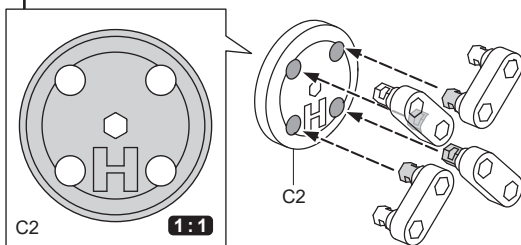
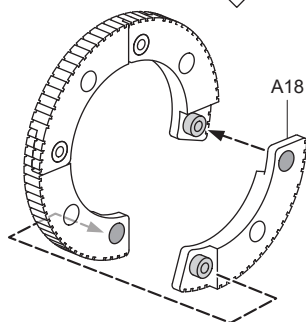
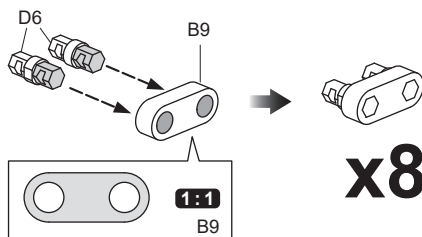
180°



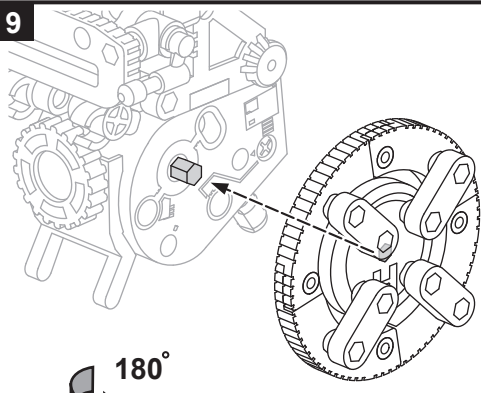
7



8



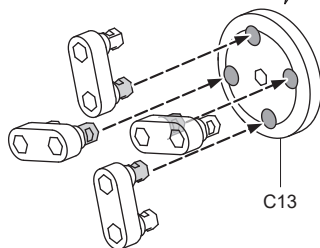
9



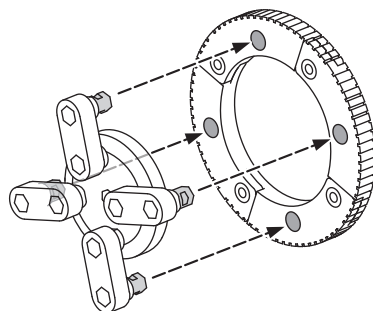
10

C13

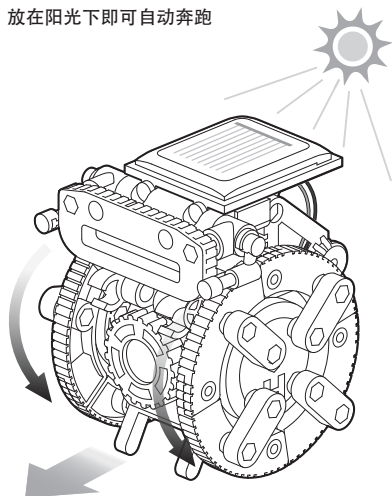
1:1



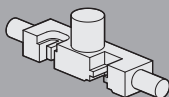
C13



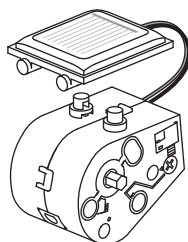
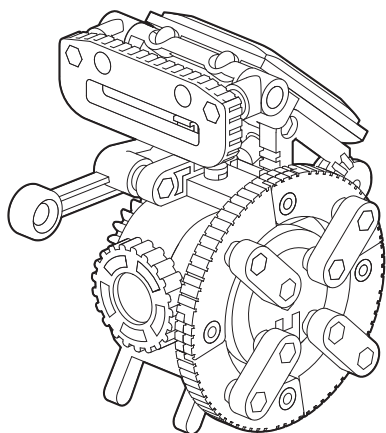
11 完成，放在阳光下即可自动奔跑



拆卸技巧：
使用辅助工具A28去拆卸D6



05.滚轮小五



齿轮箱模组



D6x9



D15

1:1



A1



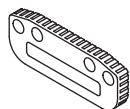
A5



A6



A18x4



B8



B9x4

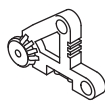
1:1



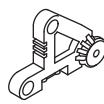
B22



C2



C3



C12



C14



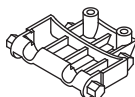
C16



C23



D8x2



D12



D13



模组A

模型板A

橘色

模型板B

黑色

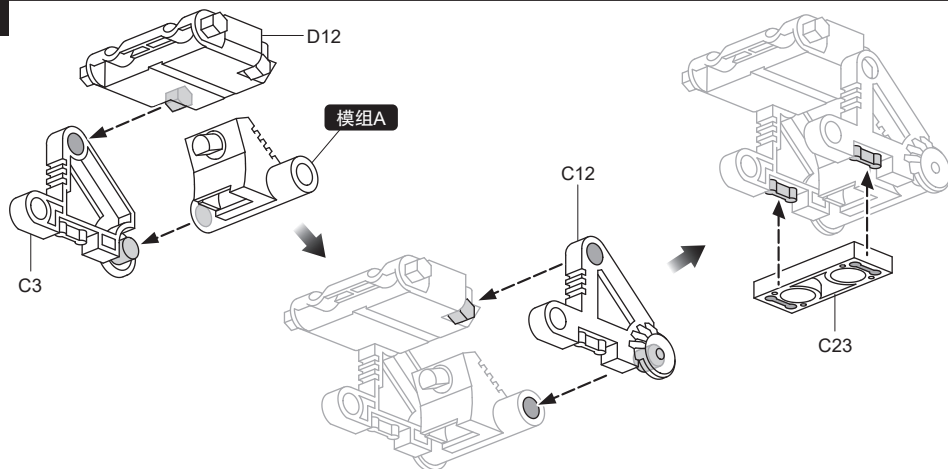
模型板C

白色

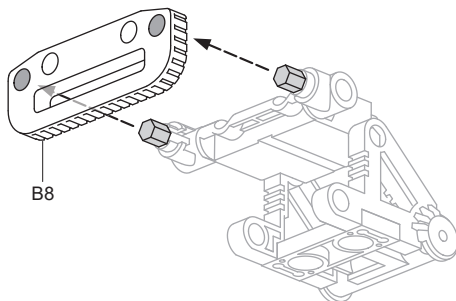
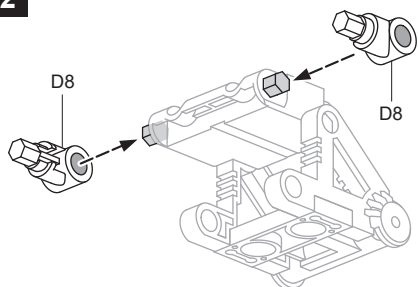
模型板D

灰色

1

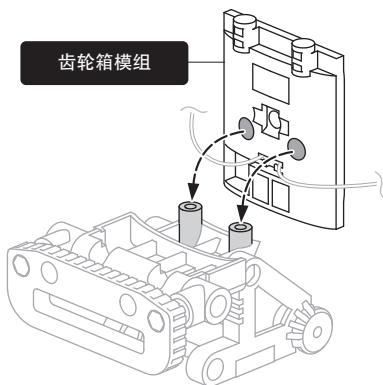


2

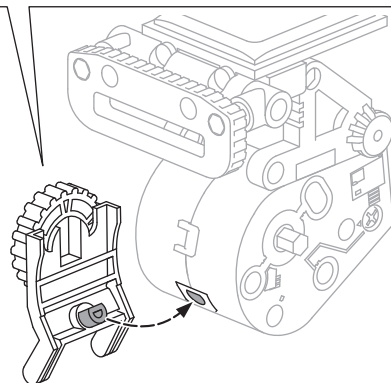
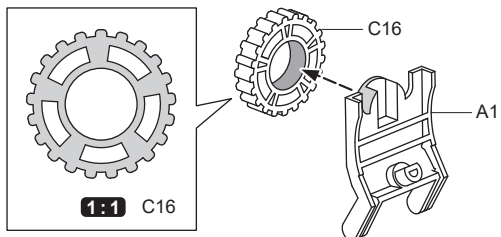


3

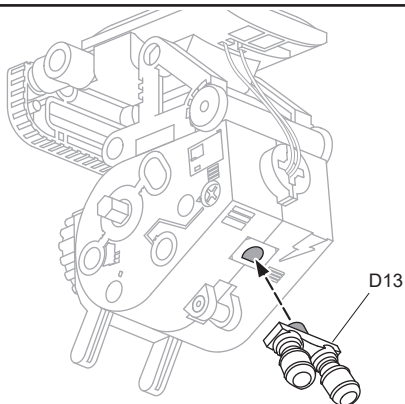
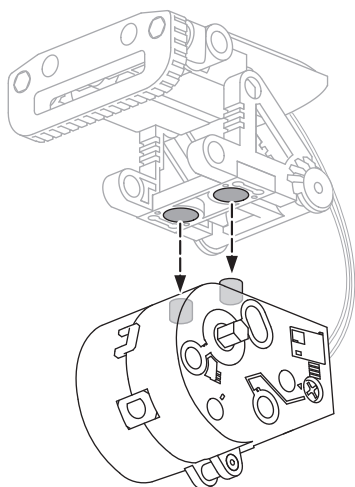
齿轮箱模组



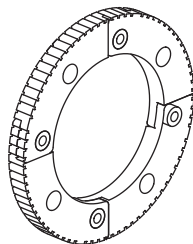
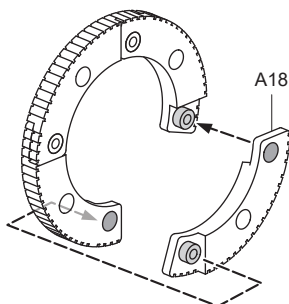
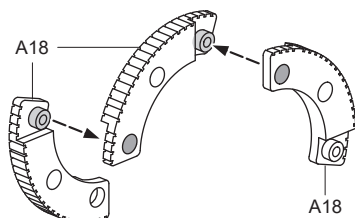
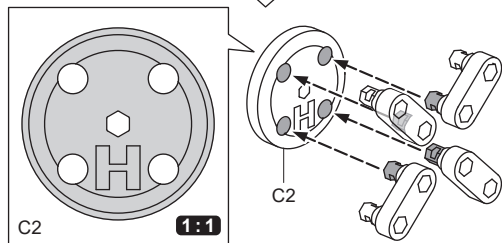
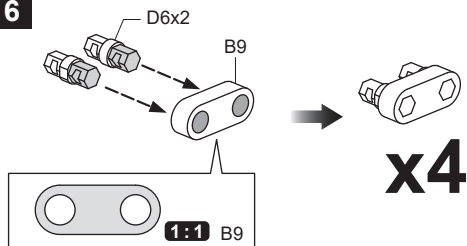
4



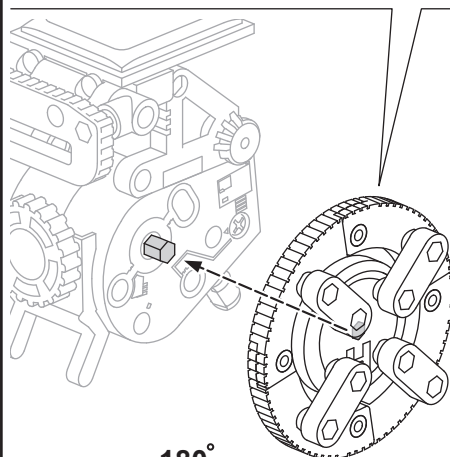
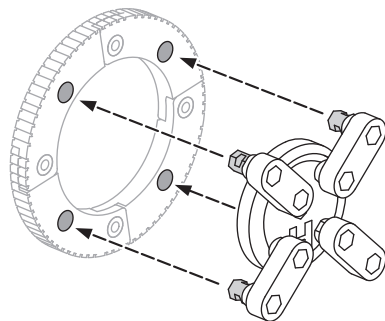
5



6

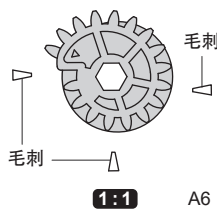


7

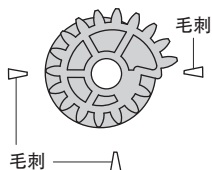


8

! 组装前请将毛刺修平

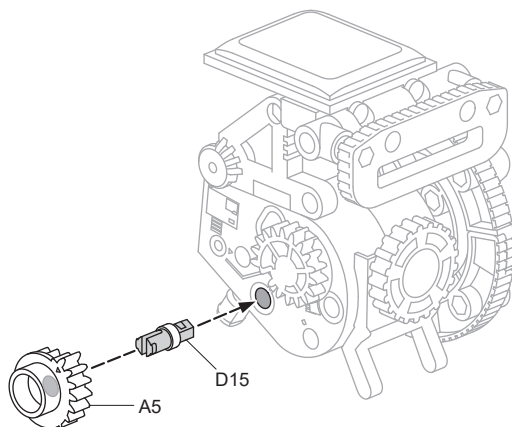


! 组装前请将毛边修平

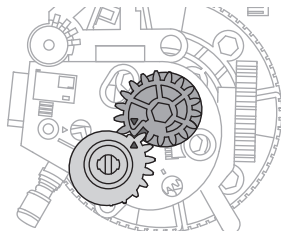


1:1

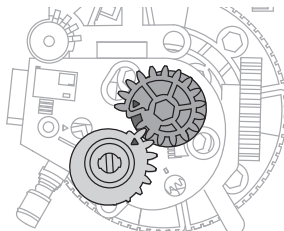
A5



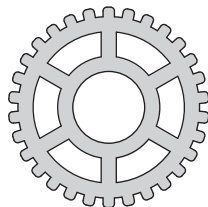
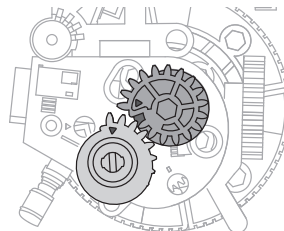
正确



错误

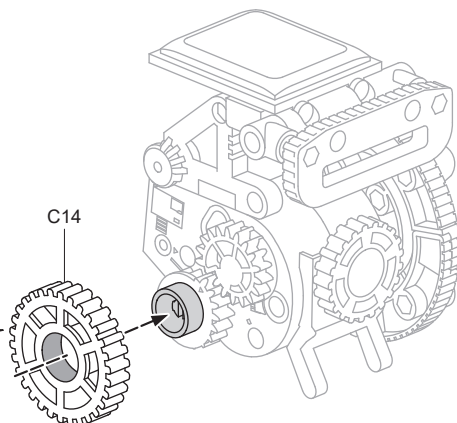


错误

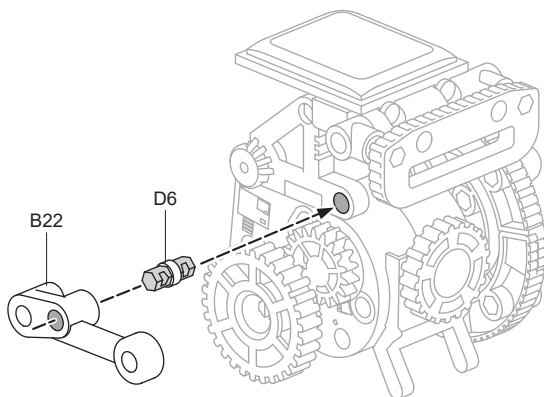


1:1

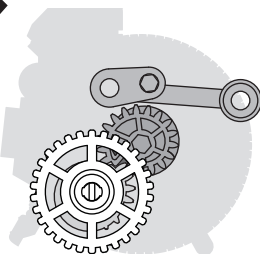
C14



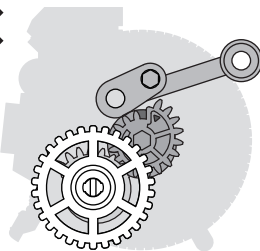
11



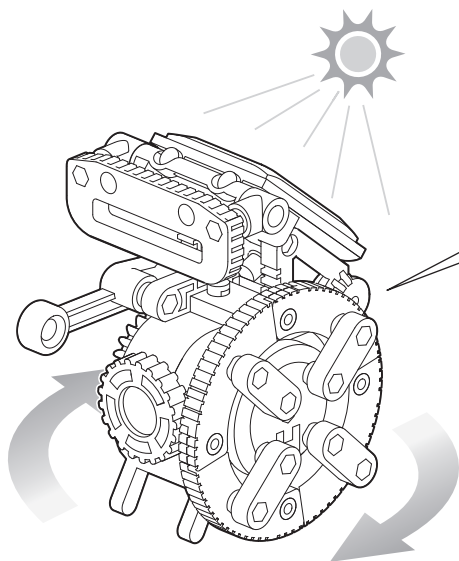
正确



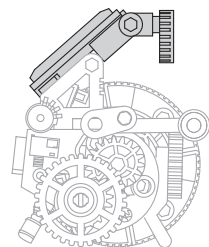
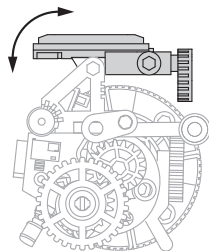
错误



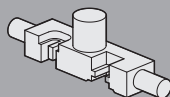
12 完成，放在阳光下即可自动奔跑



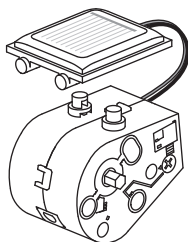
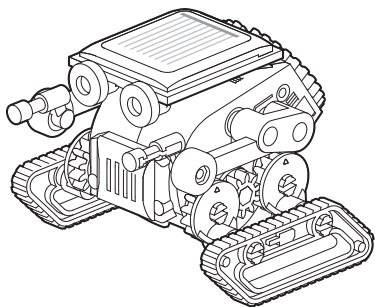
太阳能板角度可调整



拆卸技巧：
使用辅助工具A28去拆卸D6、D15



06.坦克小六



齿轮箱模组



D2x2



D6x4

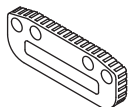


D15x6

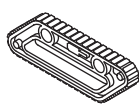
1:1



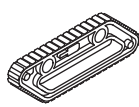
B6x2



B8x2



B11



B12



B17



B22



C7



C9



C15



C25x2



C26x4



C27



D10



D11



D14

模型板A

橘色

模型板B

黑色

模型板C

白色

模型板D

灰色

1



B6

齿轮箱模组

D11

2

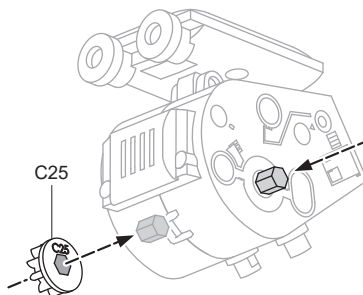


C27

D14

! 请小心尖角

3



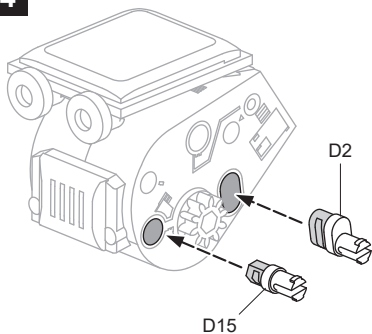
C25

C25

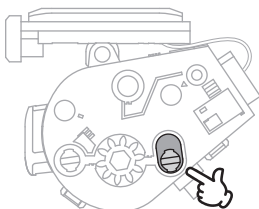
C25

1:1

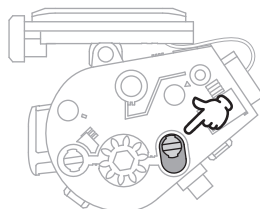
4



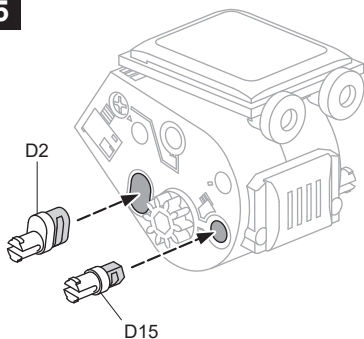
正确



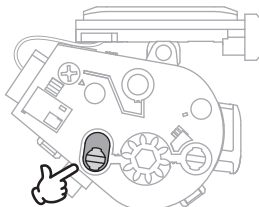
错误



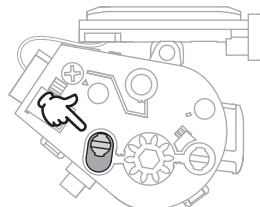
5



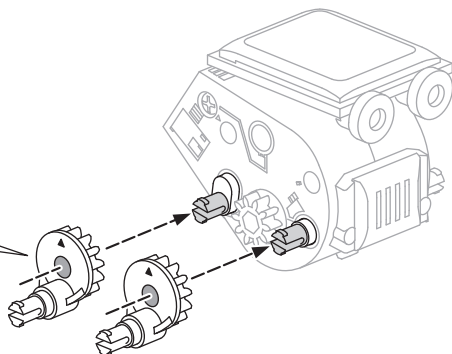
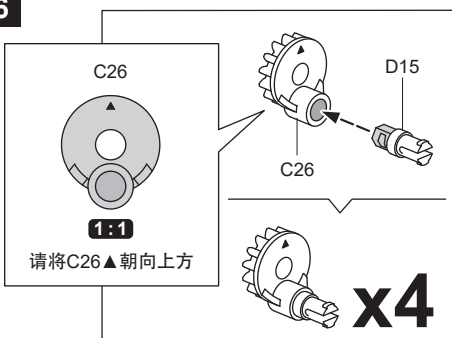
正确



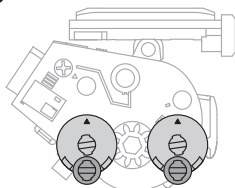
错误



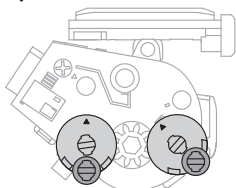
6



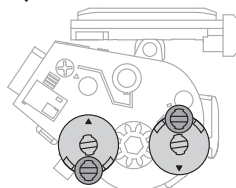
正确



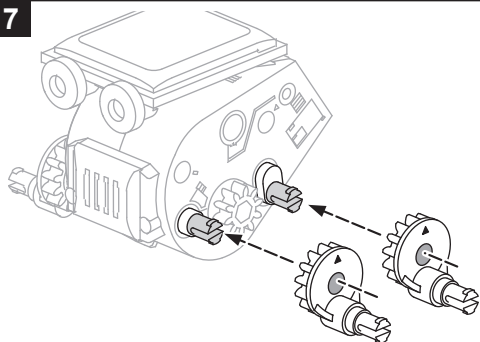
错误



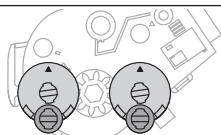
错误



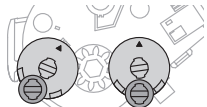
7



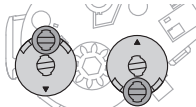
正确



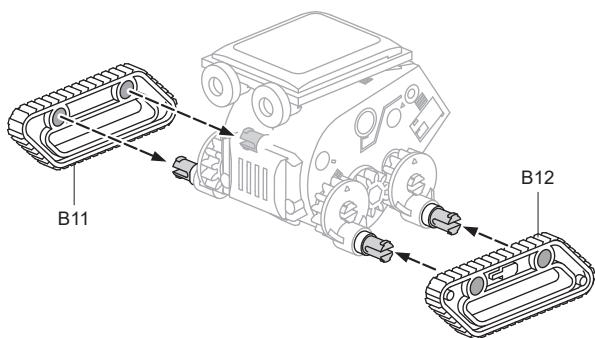
错误



错误



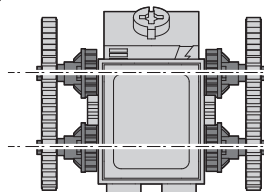
8



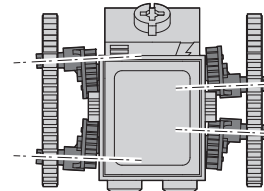
底视图



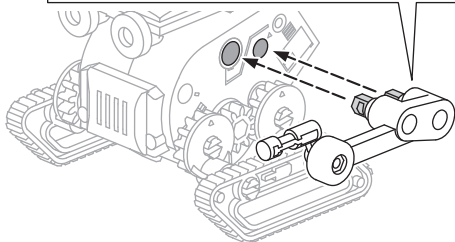
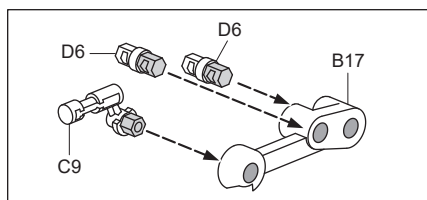
正确



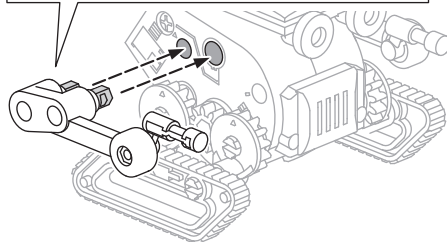
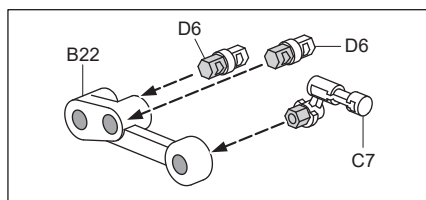
错误



9



10



11

C15

C15

1:1

D10

12

完成，放在阳光下即可自动奔跑

拆卸技巧

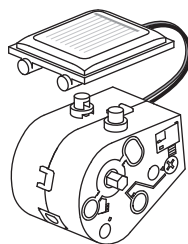
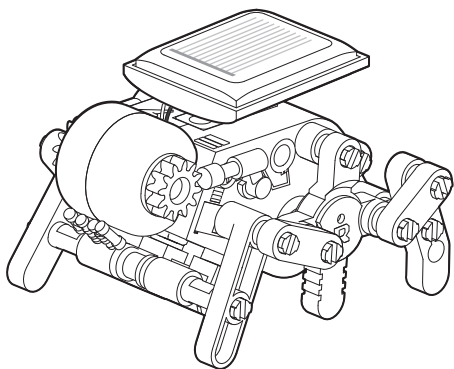
无须拆解

B8

B8

拆卸技巧: 使用辅助工具 A28
去拆卸 C7、C9、D2、D6、D15

07. 爬虫小七



齿轮箱模组



D15x12



D1x4

1:1



A8



A9



A16



A19



B7x2

1:1



B9x4

1:1



B15



B16



B24xX2



B27



C1x2



C4x2



C5x2



C7



C9



D11



模组A



模组B

模型板A

橘色

模型板B

黑色

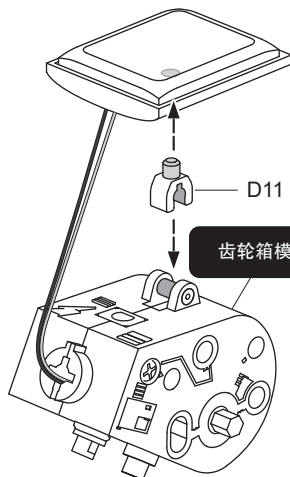
模型板C

白色

模型板D

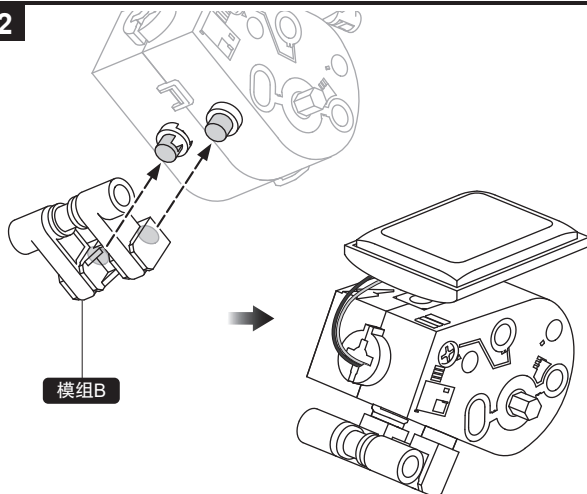
灰色

1



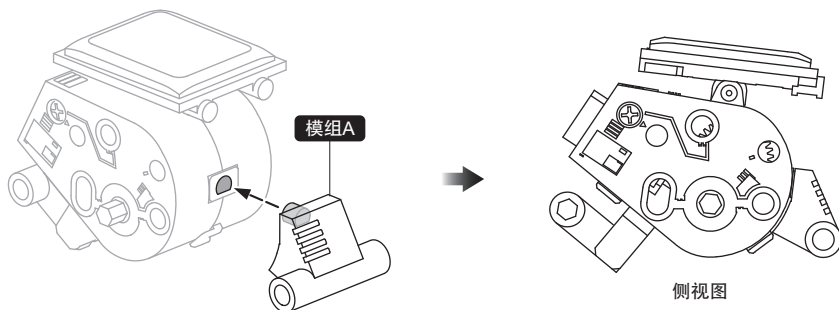
齿轮箱模组

2

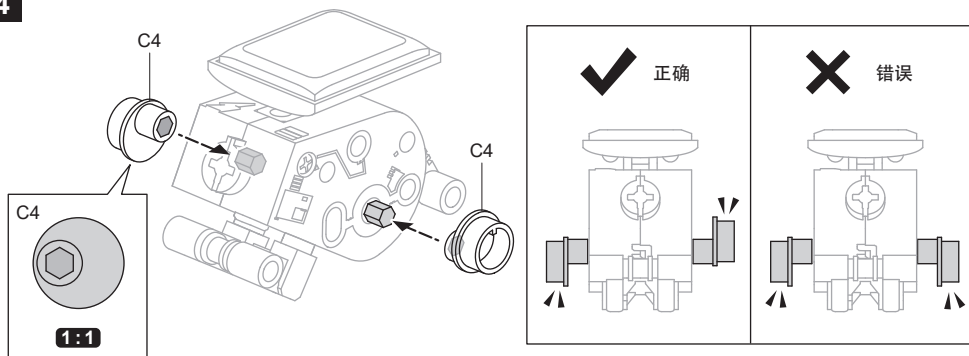


模组B

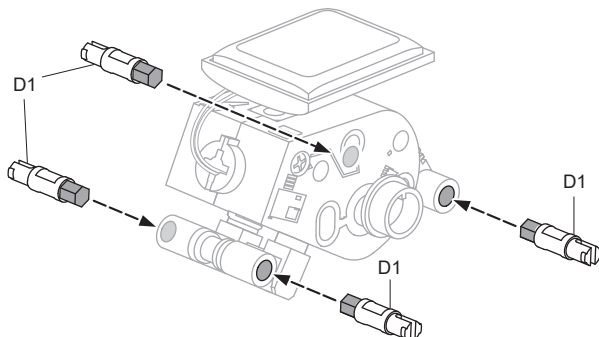
3



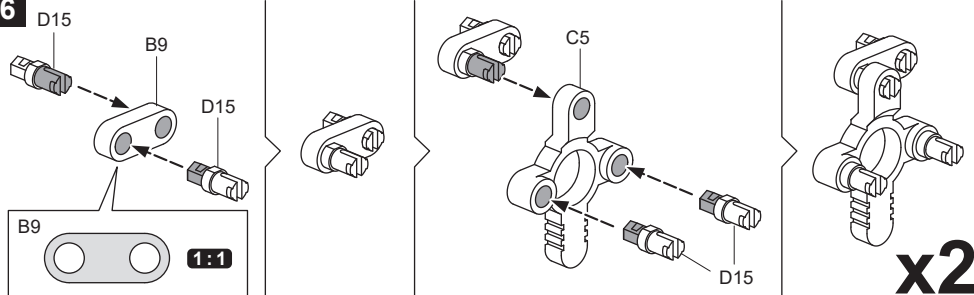
4



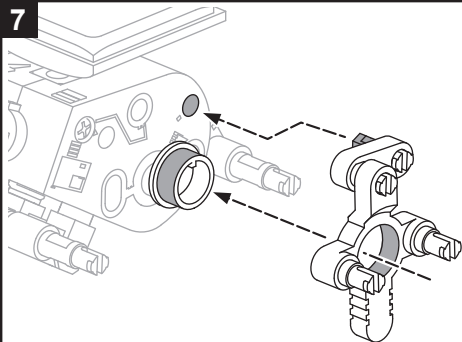
5



6

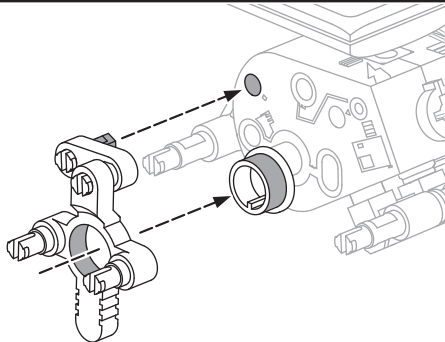


7

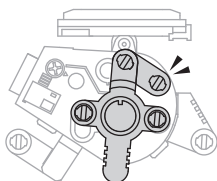


8

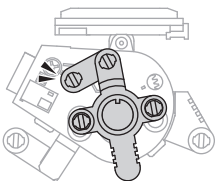
180°



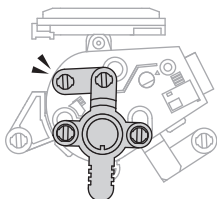
正确



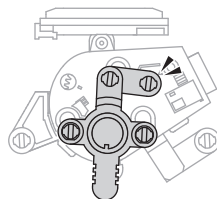
错误



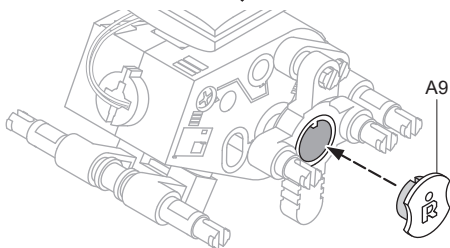
正确



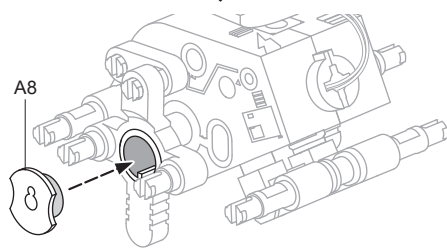
错误



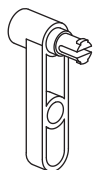
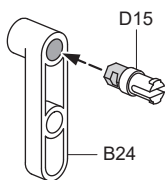
A9



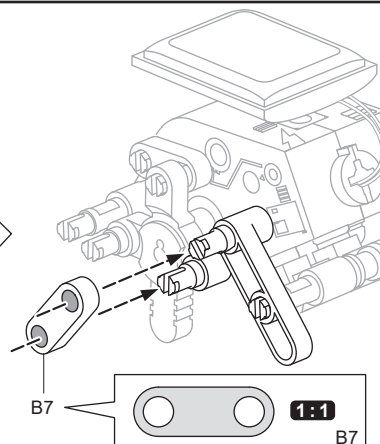
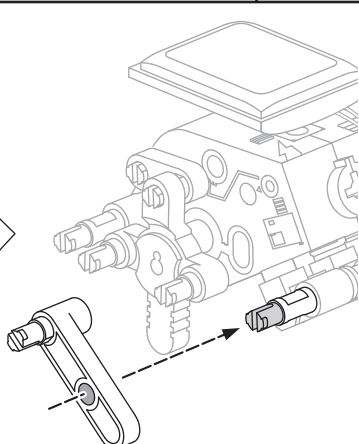
A8



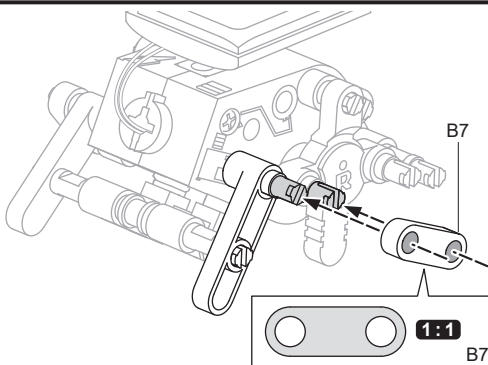
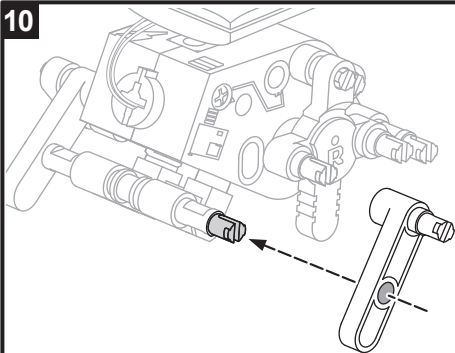
9



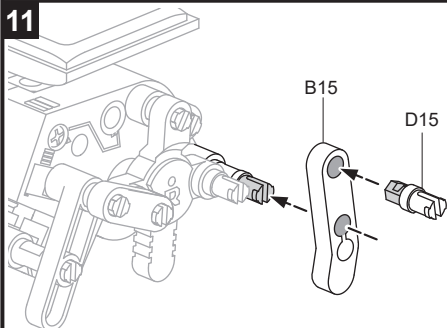
x2



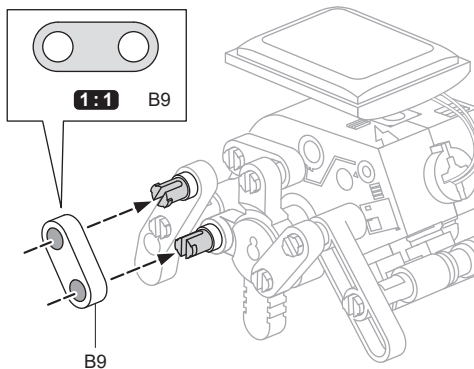
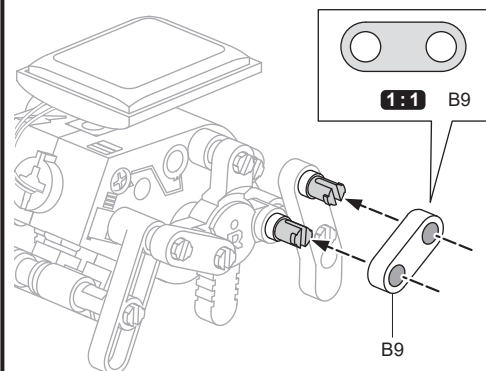
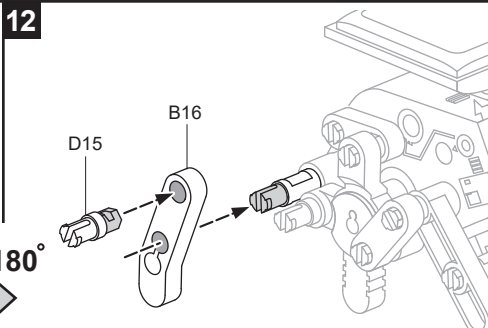
10



11



12



正确



错误

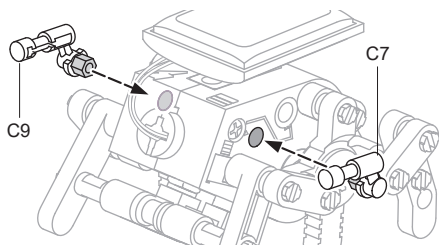


正确

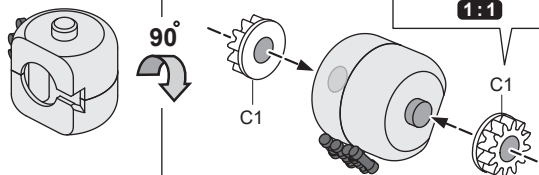
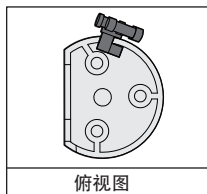
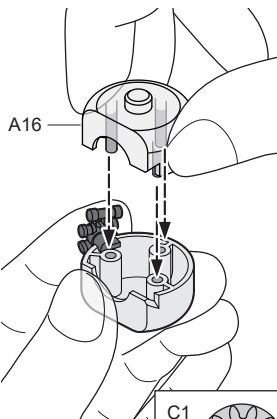
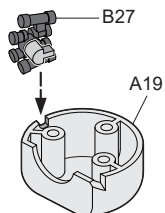


错误

13



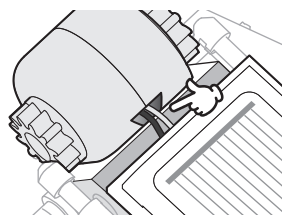
14



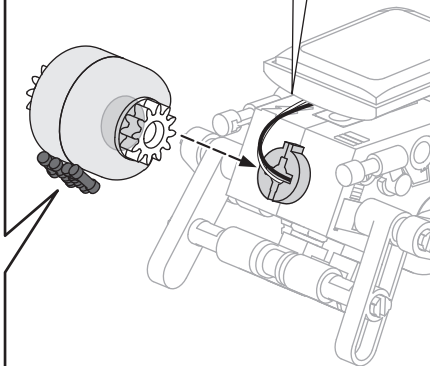
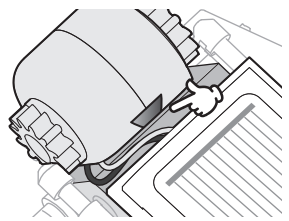
15



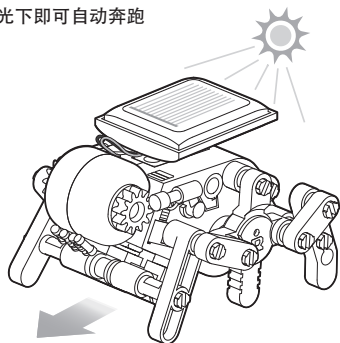
正确



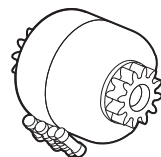
错误



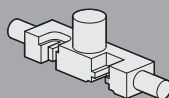
16 完成，放在阳光下即可自动奔跑



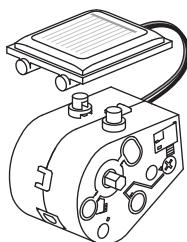
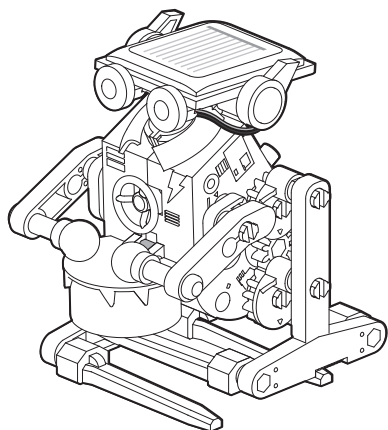
无须拆解



拆卸技巧：
使用辅助工具A28去拆卸D1、D15



08.鼓手小八



齿轮箱模组



D15x8



D2x2

1:1



B4



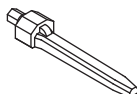
B5x2



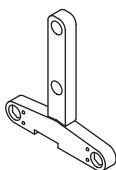
B6x2



B10



B13x4



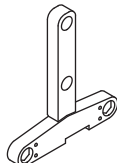
B14



B15



B16



B23



B25



B26



B31



C8



C10



C20



C22x2



C25x2



C26x4



D9



D11

模型板A

橘色

模型板B

黑色

模型板C

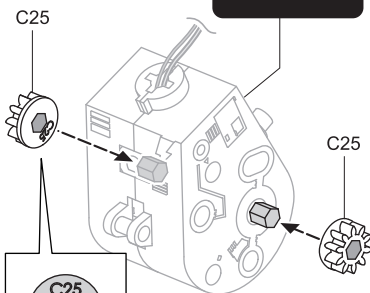
白色

模型板D

灰色

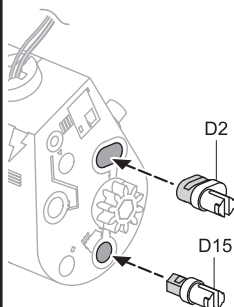
1

齿轮箱模组



1:1 C25

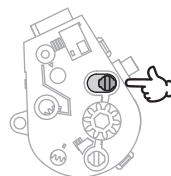
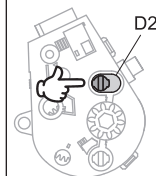
2



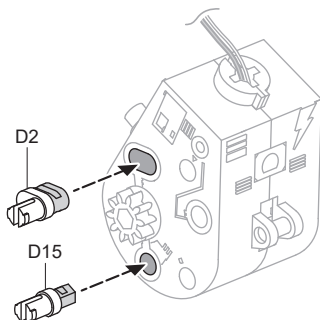
正确



错误



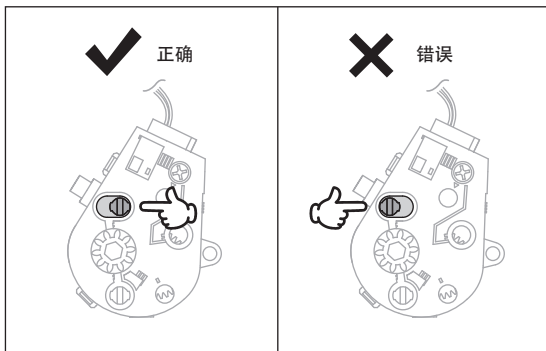
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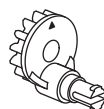
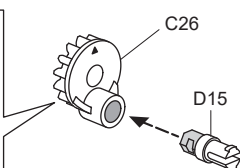
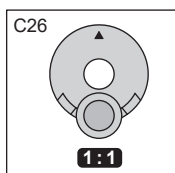
正确



错误

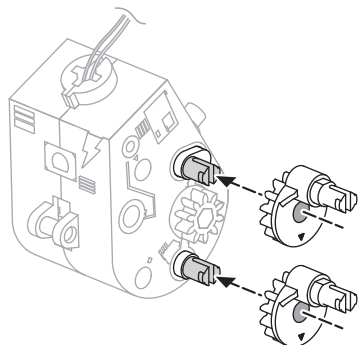


4



x4

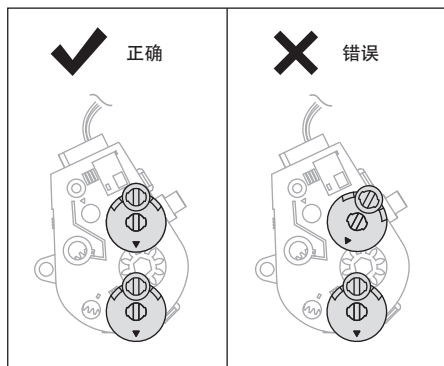
5



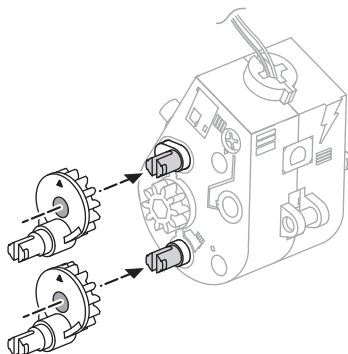
正确



错误



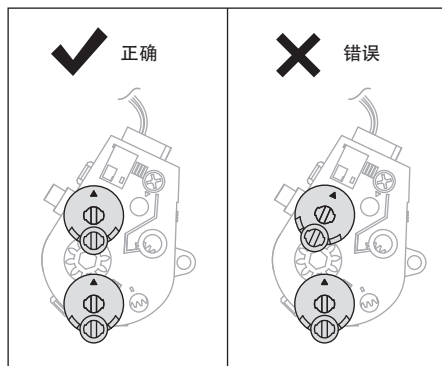
6

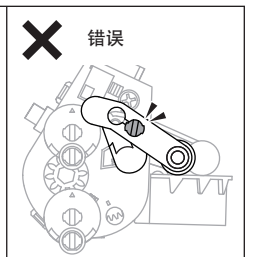
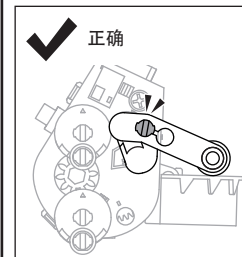
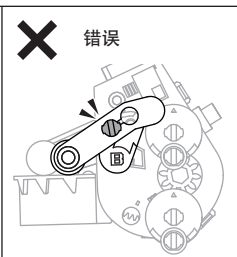
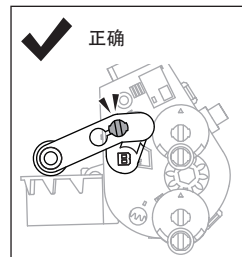
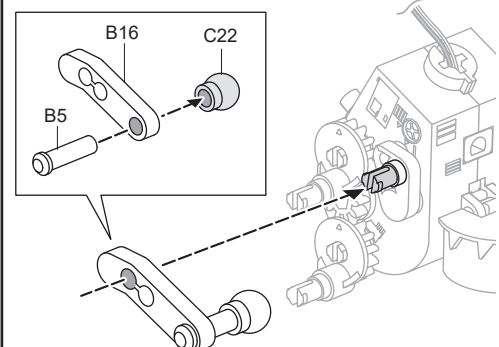
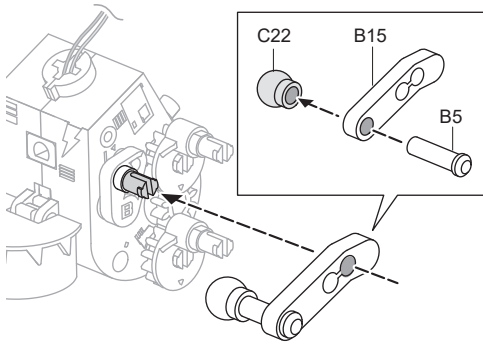
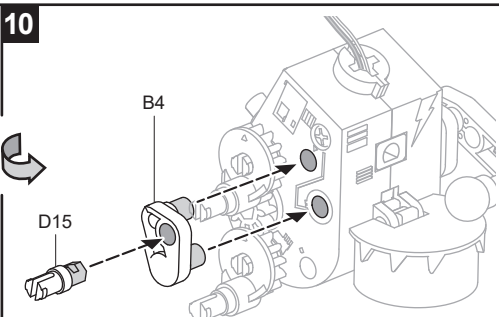
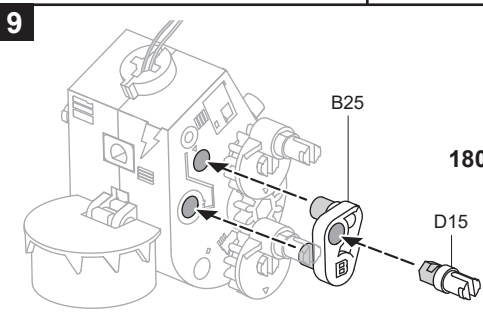
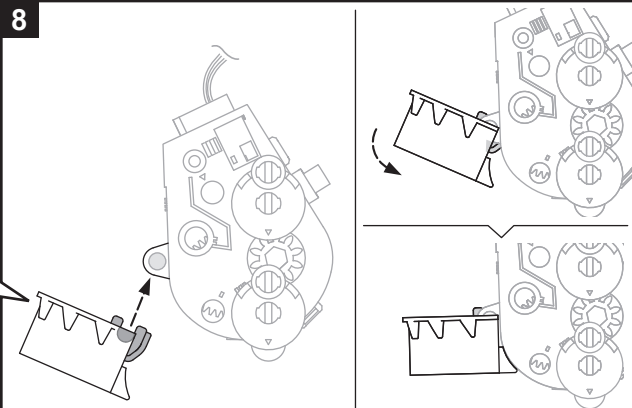
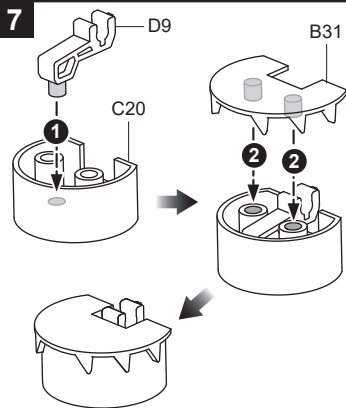


正确

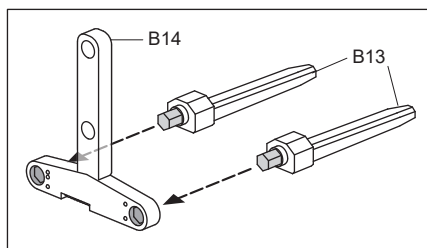


错误

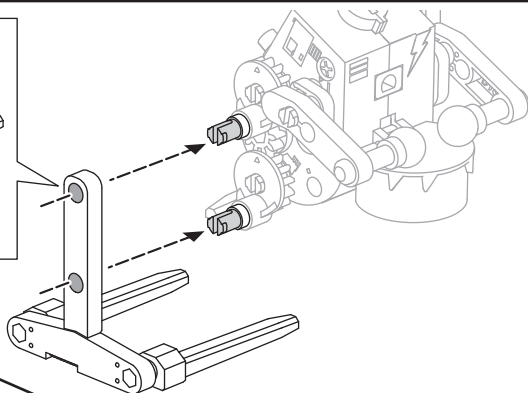




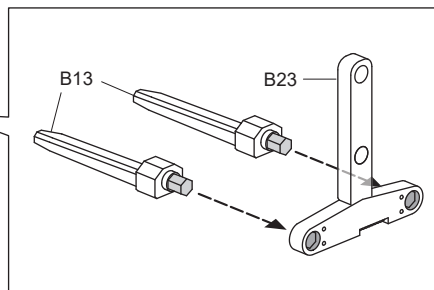
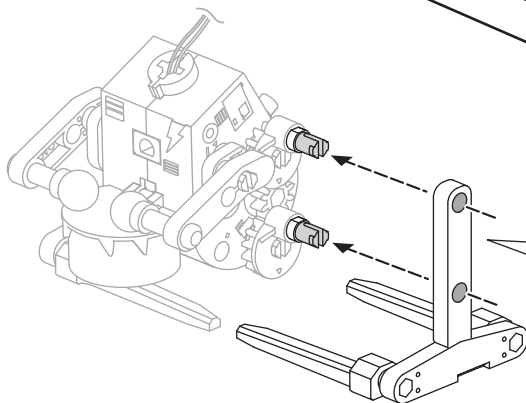
11



12



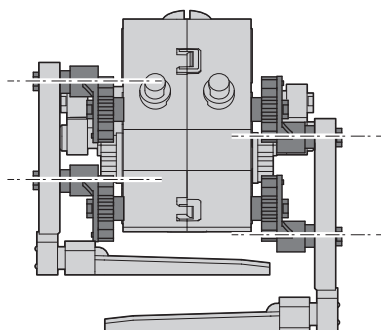
180°



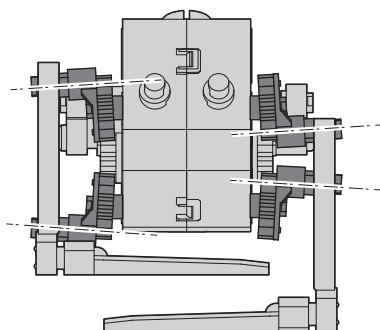
背视图



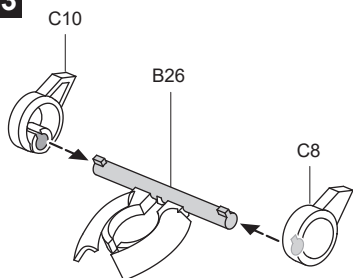
正确



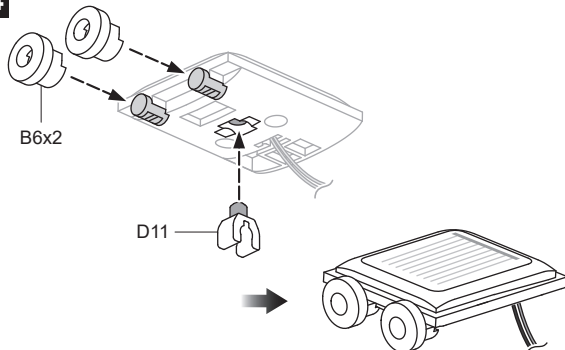
错误



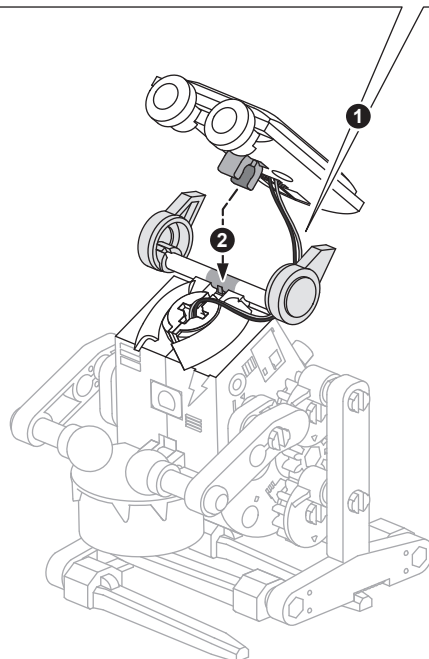
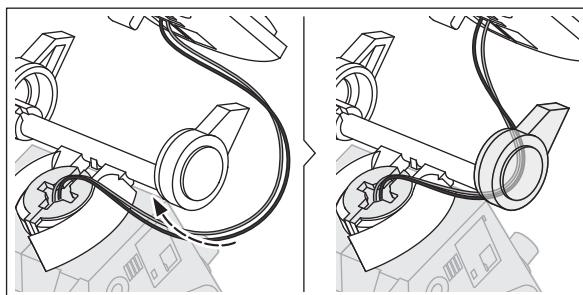
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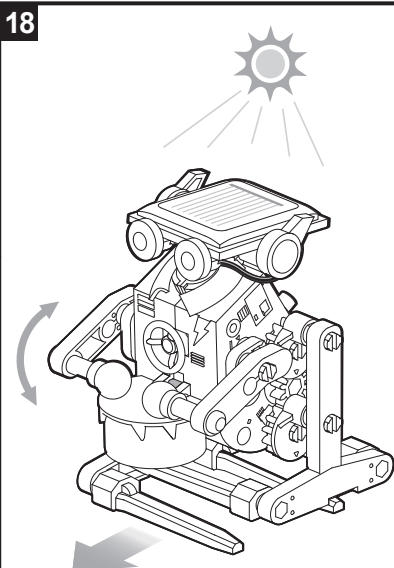
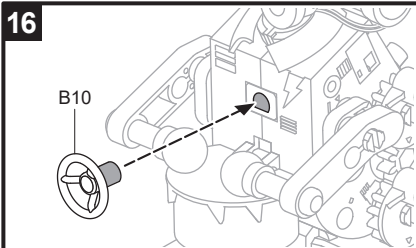


14

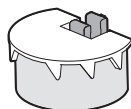
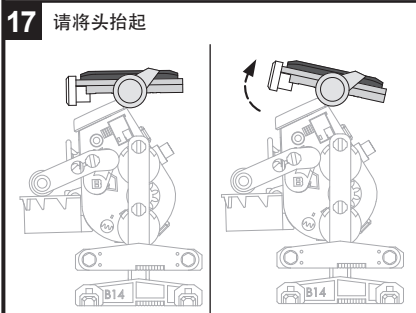


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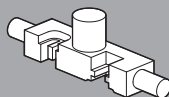




无须拆解



拆卸技巧：
使用辅助工具A28去拆卸D2、D15



是时候来玩乐一下了



1. 拿到户外有充足阳光时，可以获得最佳的游戏体验
2. 若要在室内游玩，请使用50W 以上的卤素光源。阴天、阳光照射不足、阴影下、日光灯等，都是无法驱动太阳能板动力喔

若需要购买零件，请参照以下零件表

1. 请留下订购人姓名、寄送地址、联络电话、E-mail
2. 请注明产品名称、产品型号、零件名称、零件型号以及数量
3. 请以传真、E-mail、电话或上宝工购物网
<https://mall.jd.com/Index-714032.html> 订购

制造商/生产厂:宝工实业股份有限公司

销售公司:上海宝工工具有限公司

上海市浦东新区康桥东路1365弄25号

服务热线:400-1099-508

<https://science.prokits.com.tw>

Email:pk@mail.prokits.com.tw

宝工购物网:<https://mall.jd.com/Index-714032.html>

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GE-619 淘气小8八变太阳能机器人 零件表

零件型号	零件名称	数量
5GE-61900P1	太阳能板马达	
5GE-61900P2	齿轮 (黄色)	
5GE-61900P3	齿轮 (红色)	
5GE-61900P4	齿轮 (橘色)	
5GE-61900P5	六角轴齿轮组	
5GE-61900P6	圆轴	
5GE-61900P7	自攻螺丝	
5GE-61900P8	泡棉	

! 此产品为模型组件拆封修剪或包装不完整，恕不退换

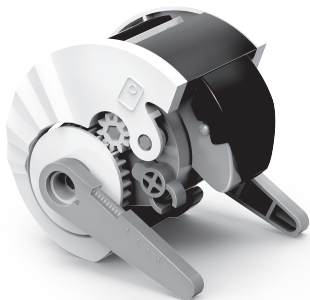
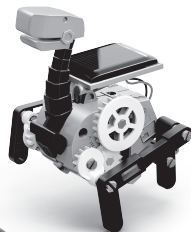
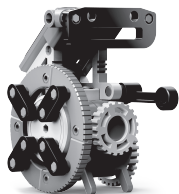


警告及注意事项

内含小零件, 请勿让三岁以下孩童使用, 避免误食危险。
不可对着人脸和眼部冲撞, 避免造成意外伤害。

SOLAR 8 in1 EDUCATIONAL ROBOT KIT

淘气小8



Pro'sKit®

宝工实业股份有限公司
PROKIT'S INDUSTRIES CO., LTD

制造商/生产厂：宝工实业股份有限公司

销售公司：上海宝工工具有限公司

上海市浦东新区康桥东路1365弄25号

服务热线：400-1699-629

www.prokits.com.tw

Email: pk@mail.prokits.com.tw



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