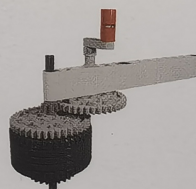
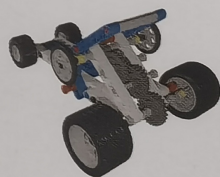
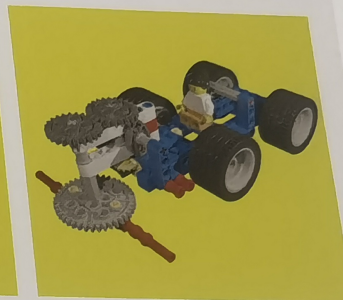
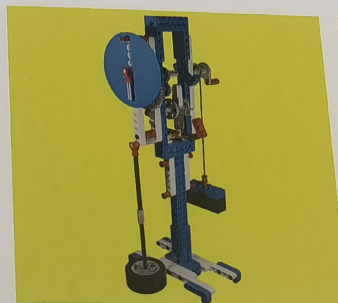
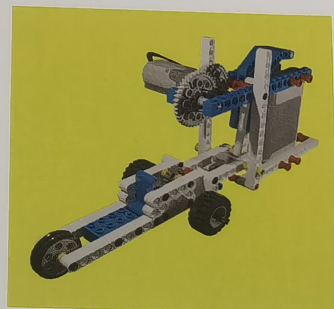
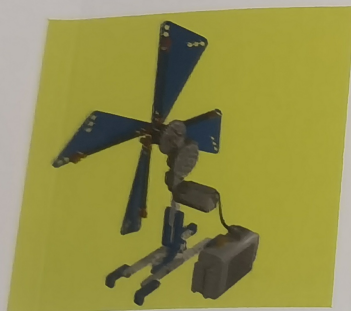


科学与技术

science and technology



Enhance learning interest
Improve hands-on skills and creativity
Develop observation and imagination



9686

STEAM

搭建手册

Build manual

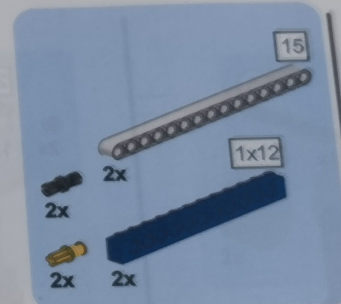
1. 不倒翁 Tumbler



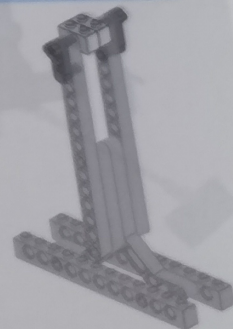
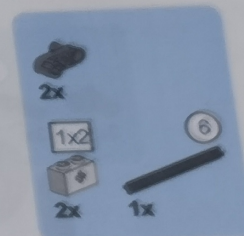
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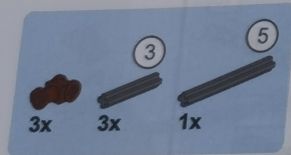
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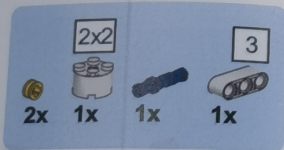
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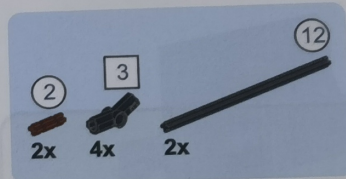
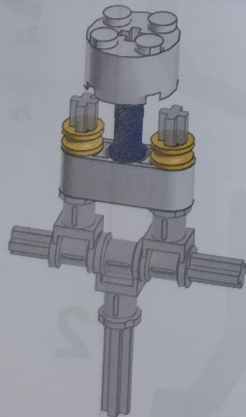
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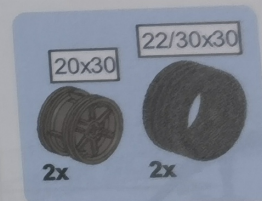
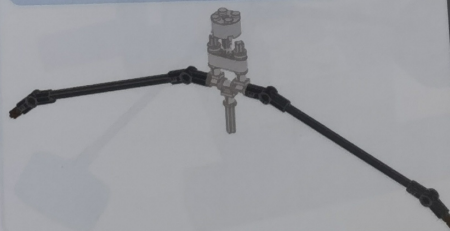
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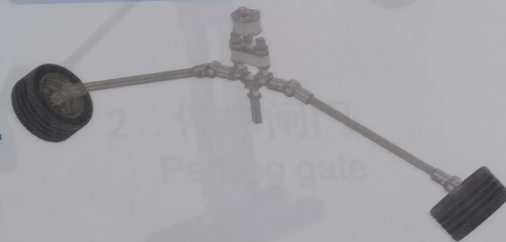
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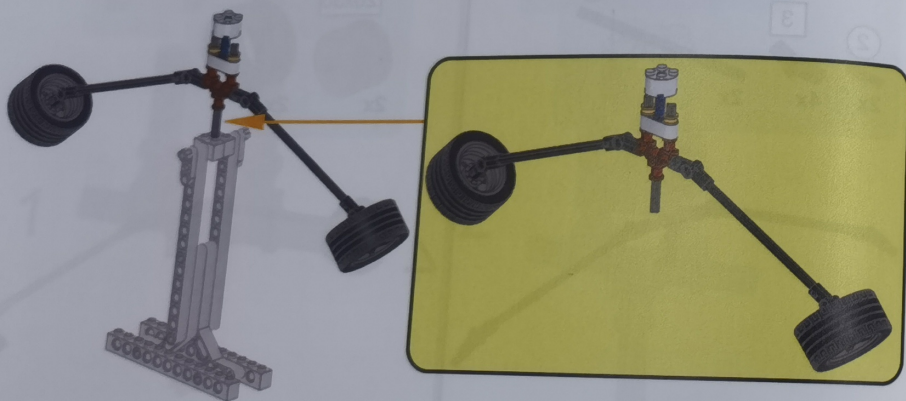


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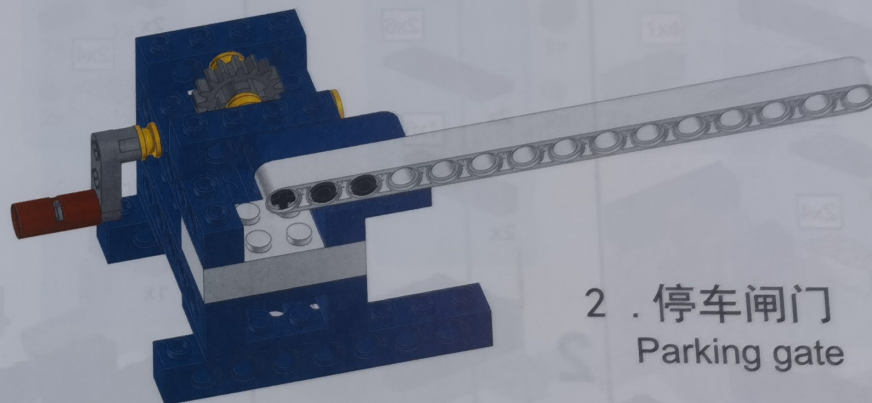


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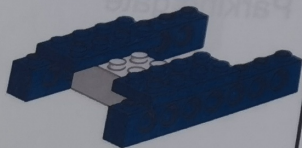
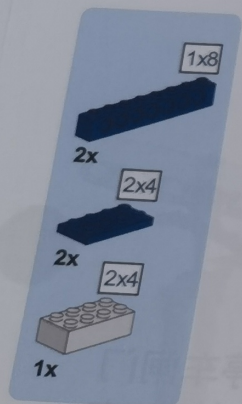


2 . 停车闸门
Parking gate

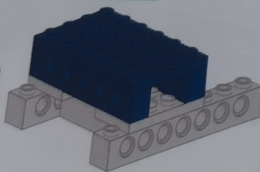
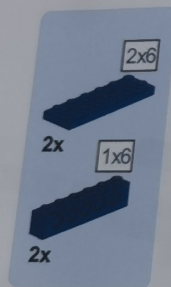
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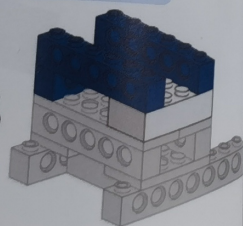
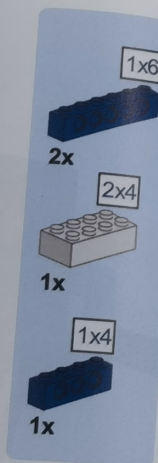
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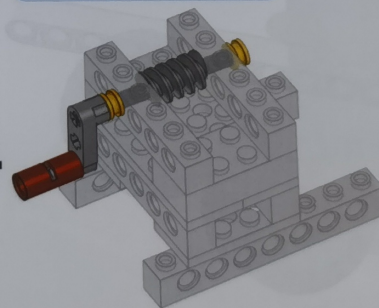
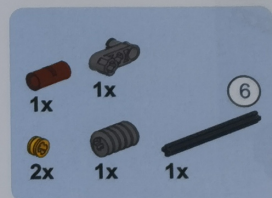
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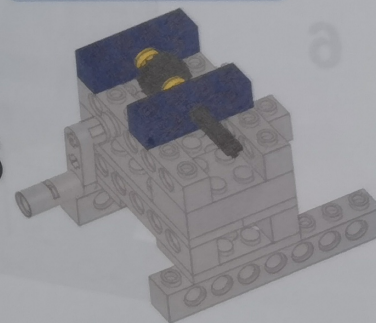
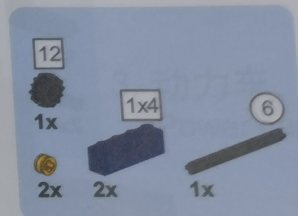
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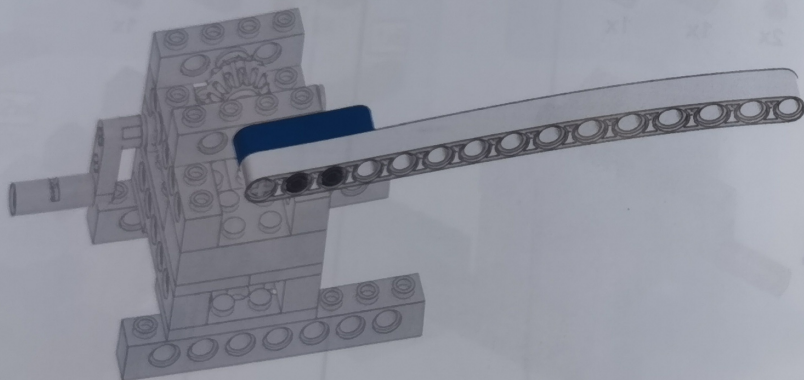
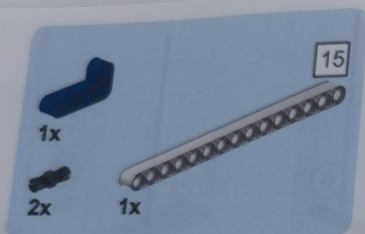


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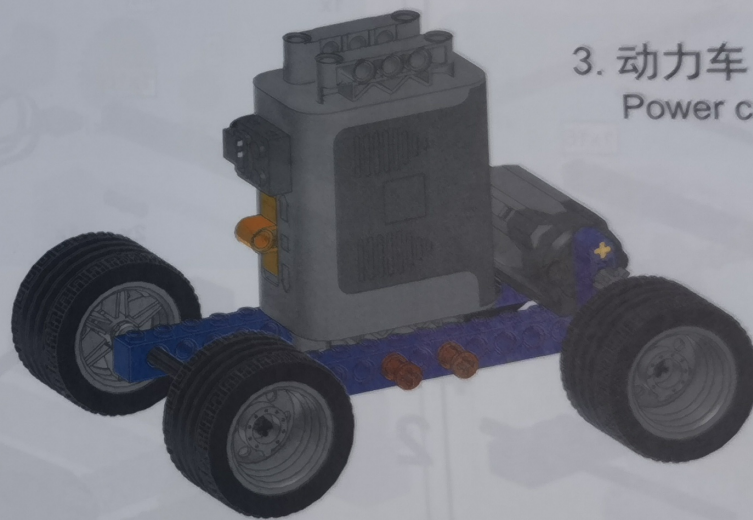


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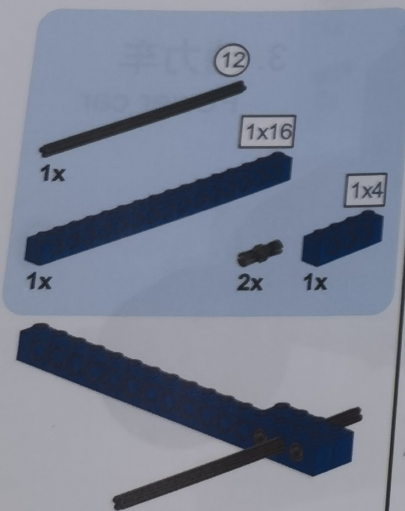


3. 动力车 Power car

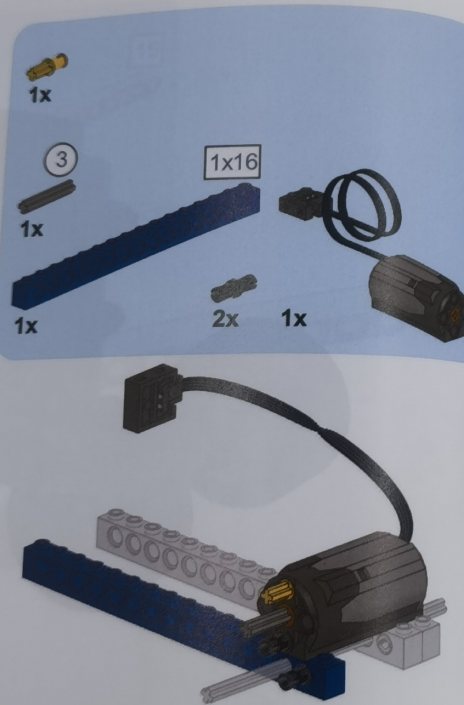


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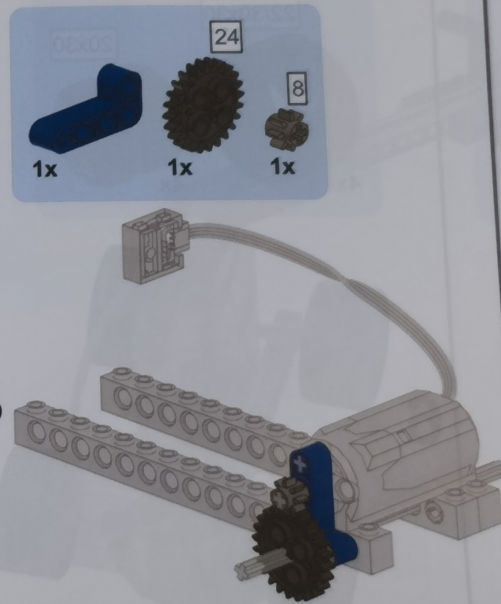
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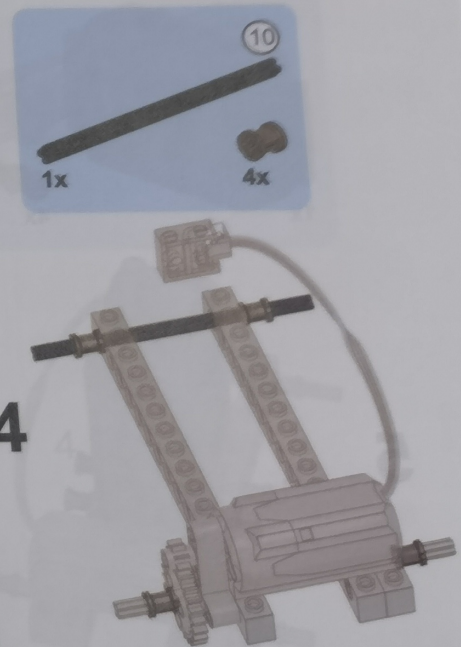
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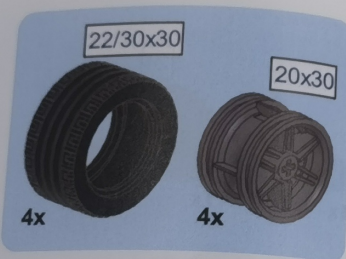
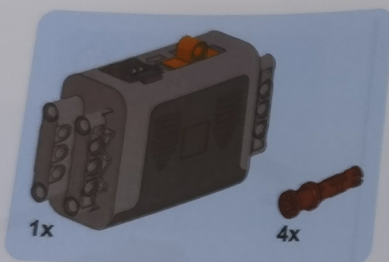
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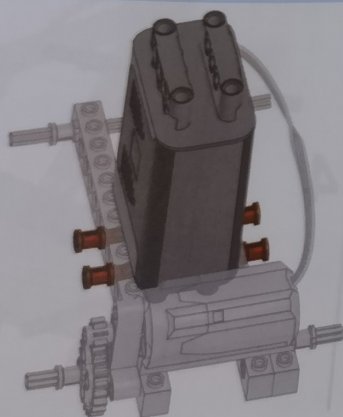
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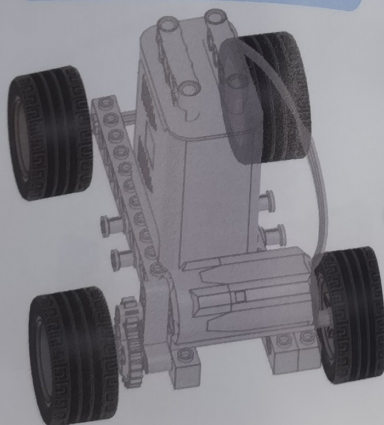
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6



13



4. 钓鱼竿
Fishing rod

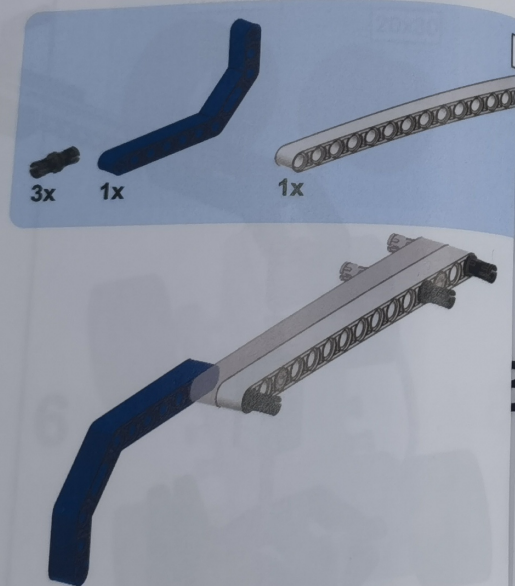
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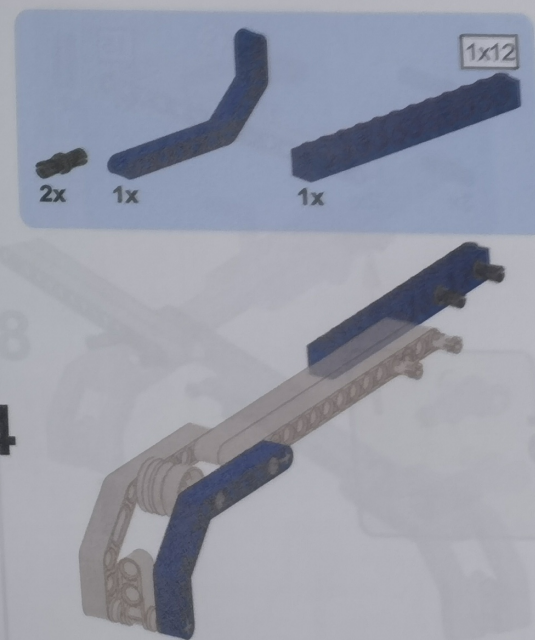
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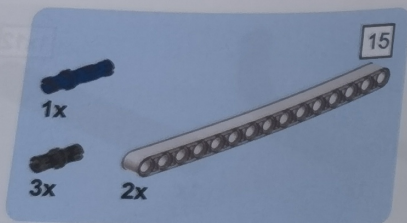
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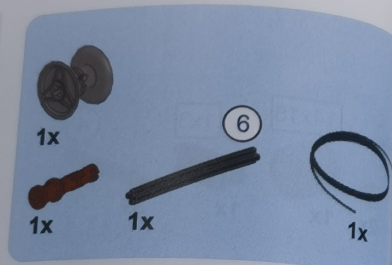
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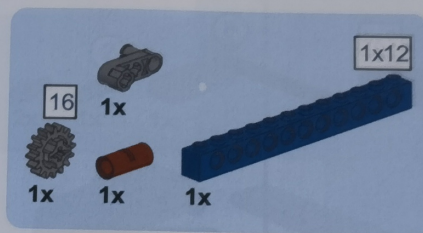
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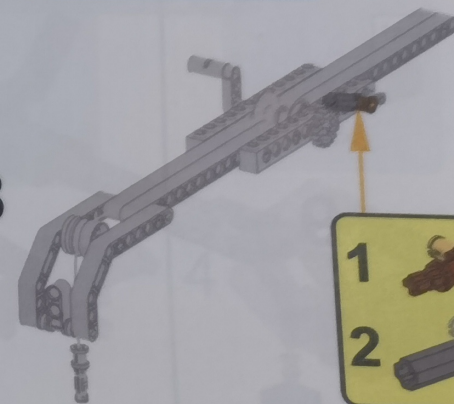
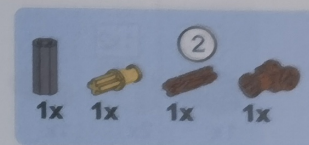
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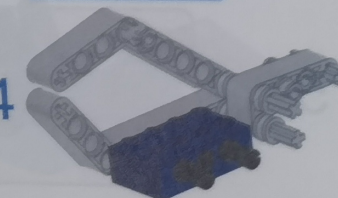
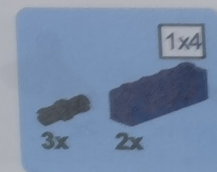
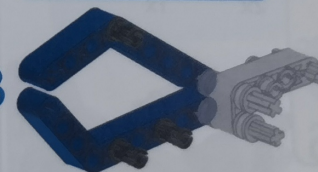
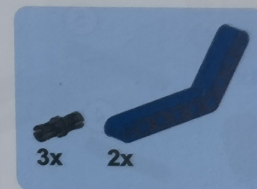
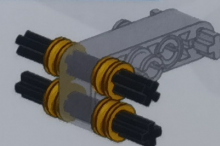
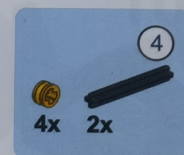
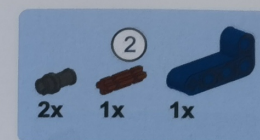
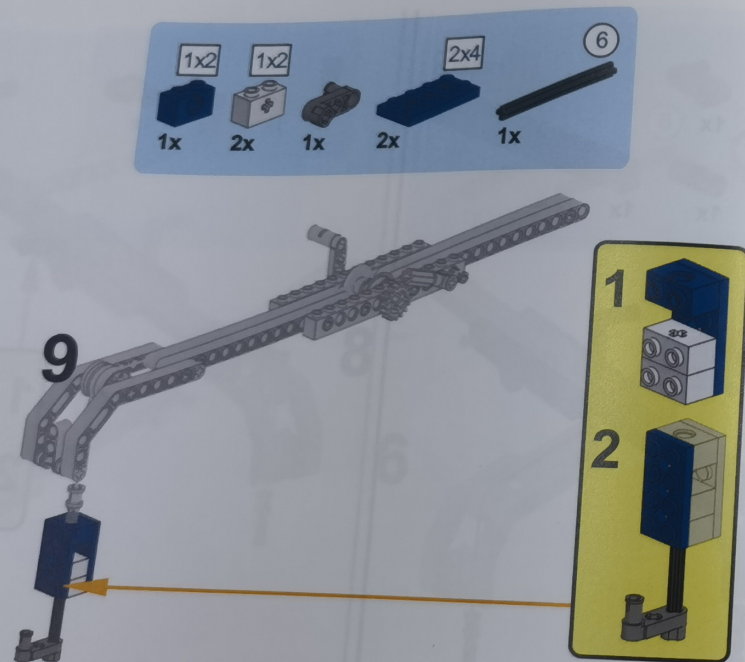
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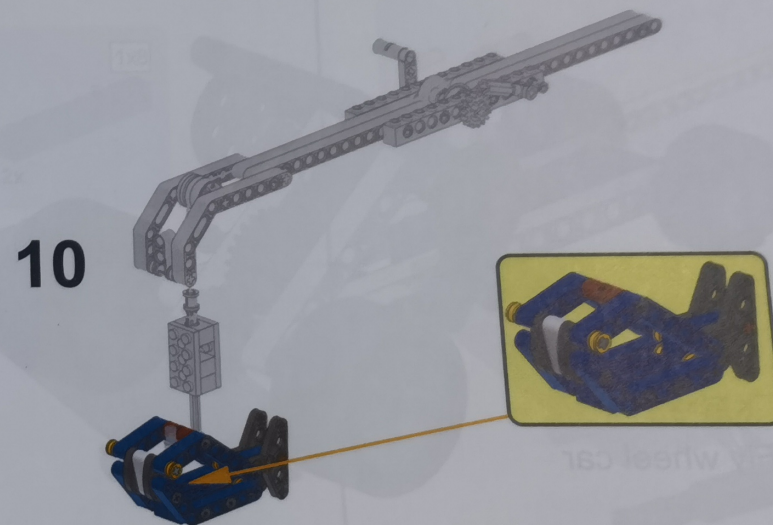
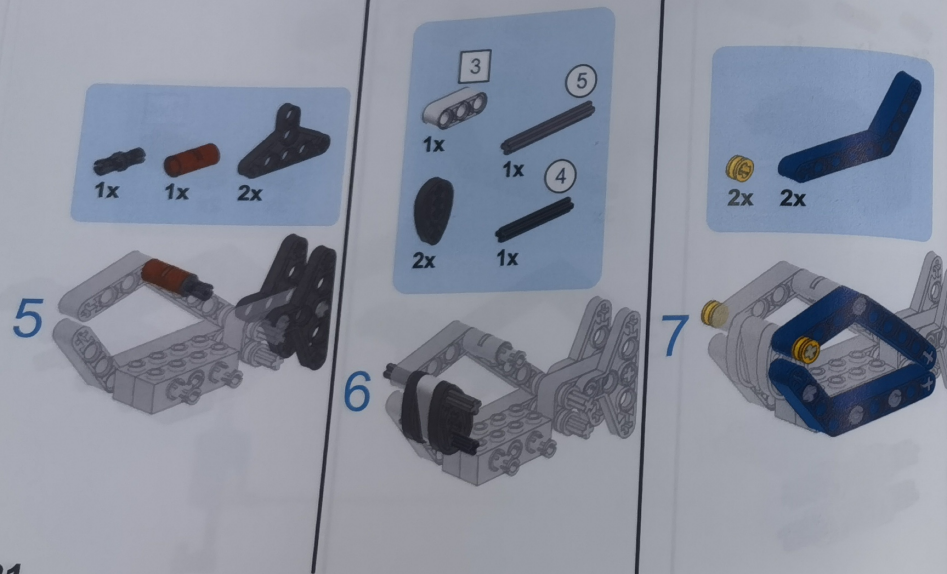


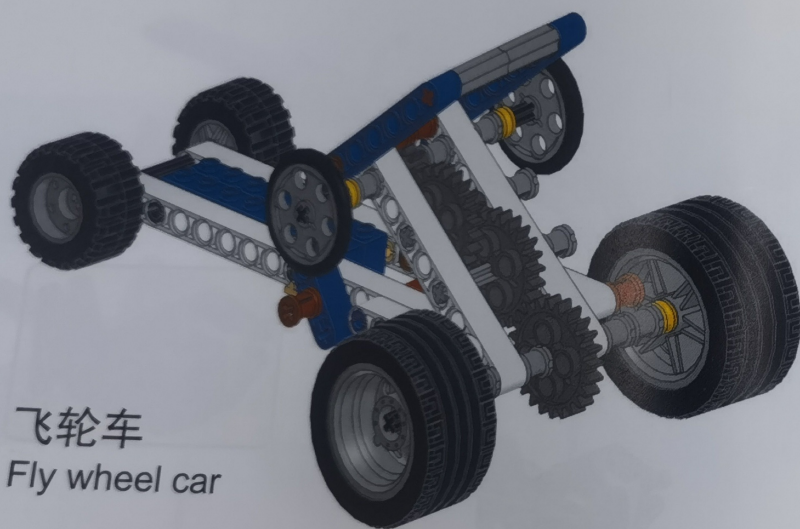
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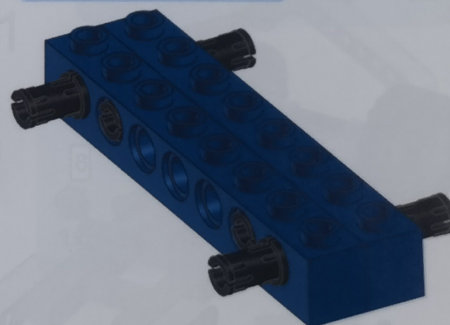
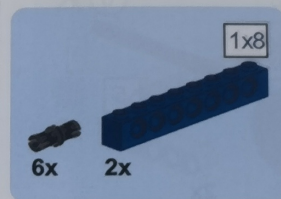
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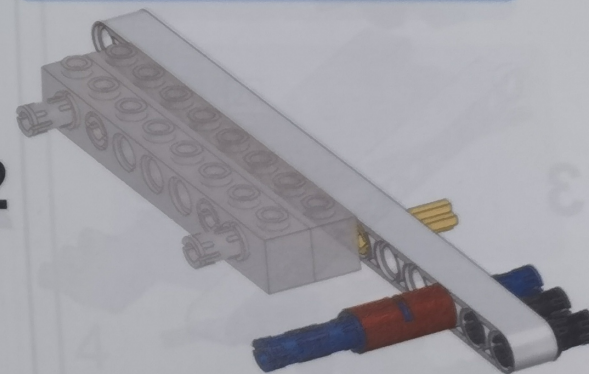
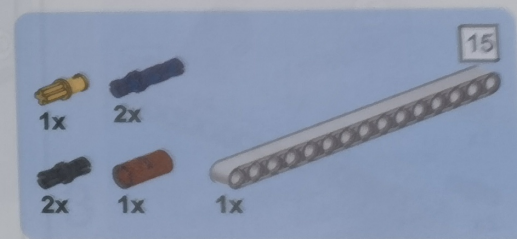




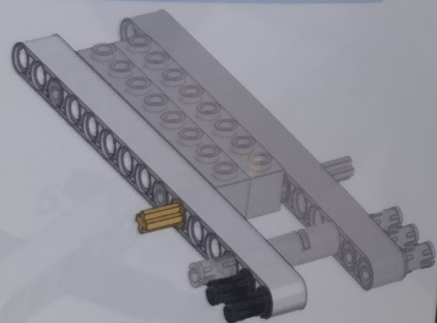
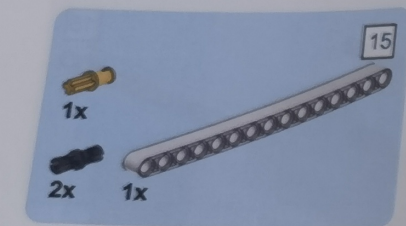
5. 飞轮车
Fly wheel car



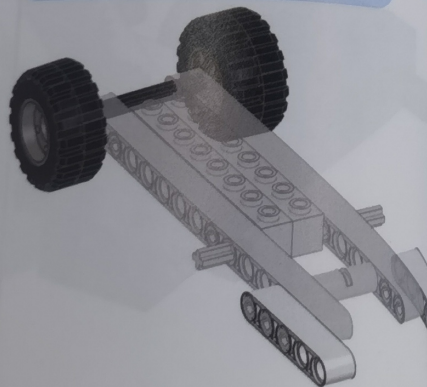
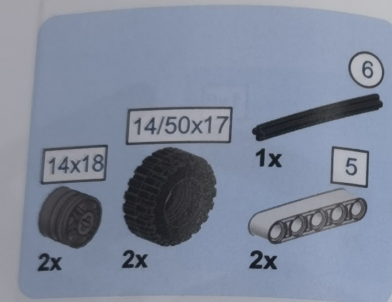
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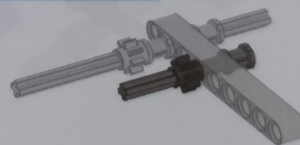
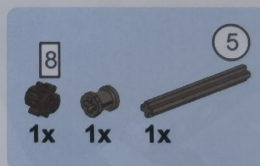
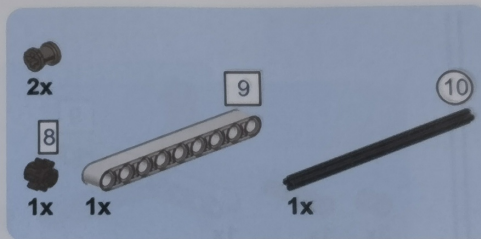
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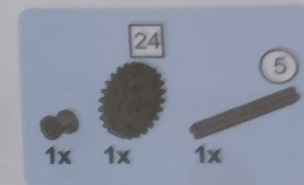
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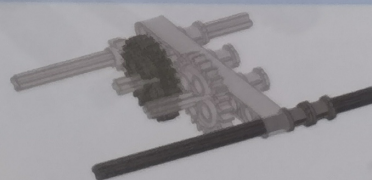
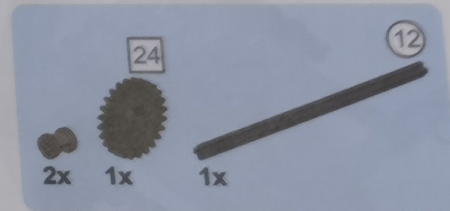
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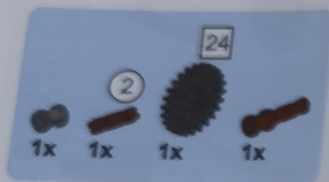
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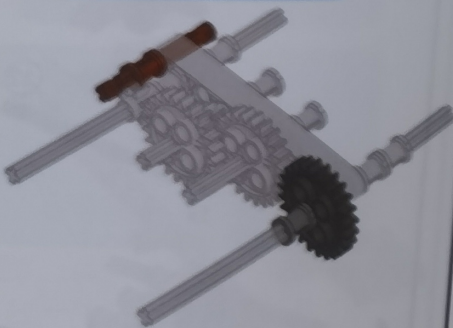
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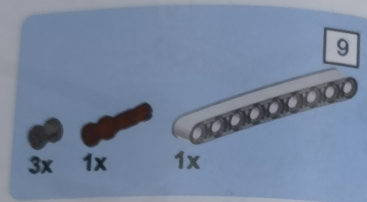
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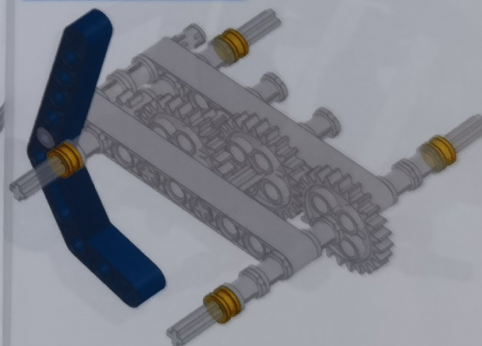
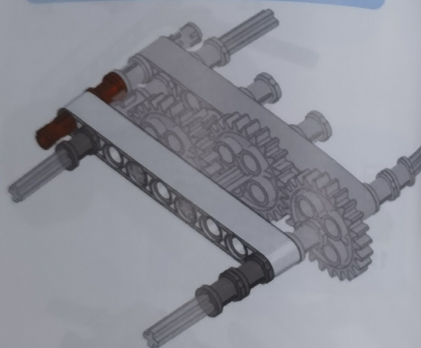
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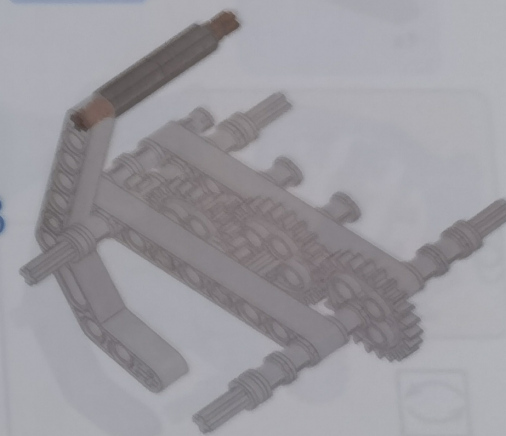
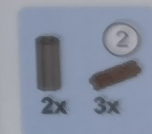
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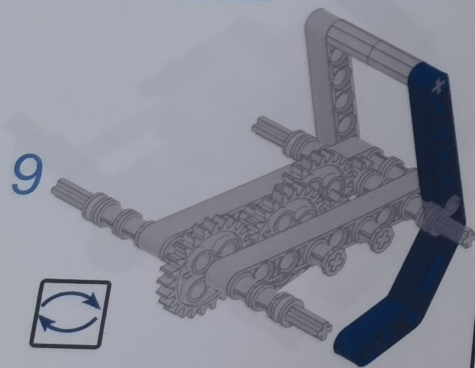
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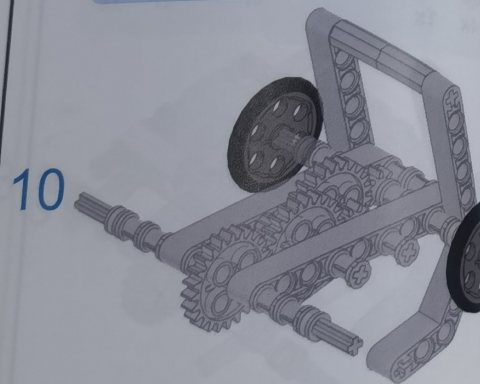
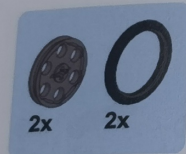
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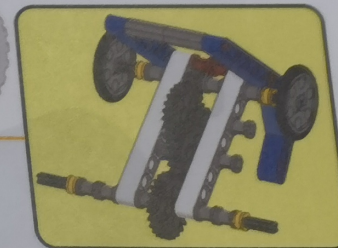
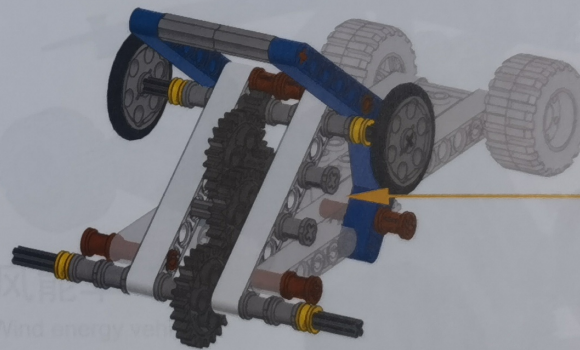
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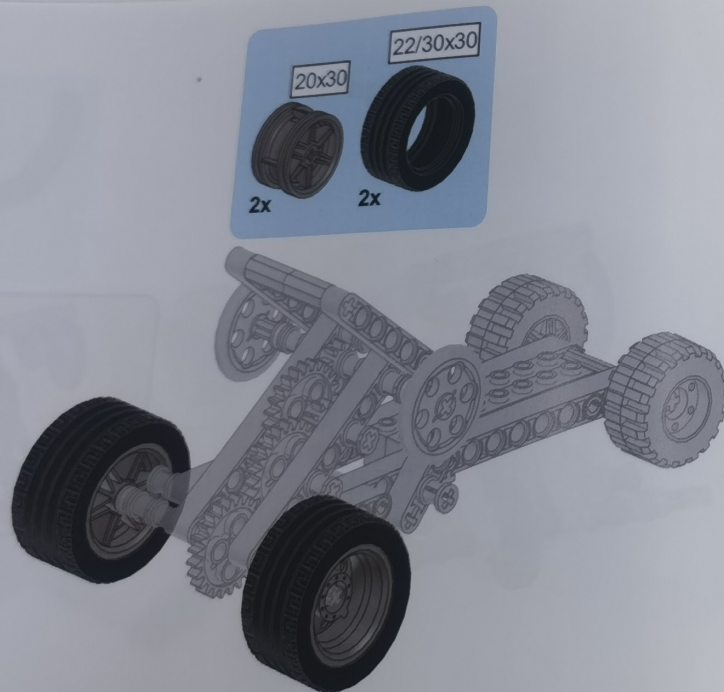


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30

6



31

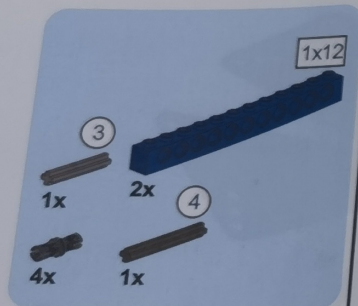
6. 风能车

Wind energy vehicle



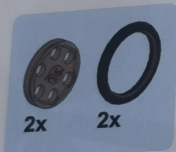
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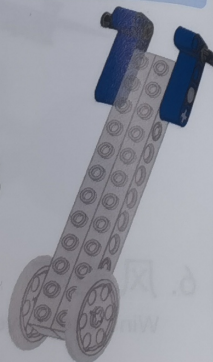
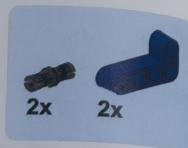


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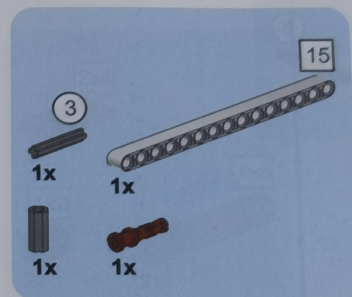
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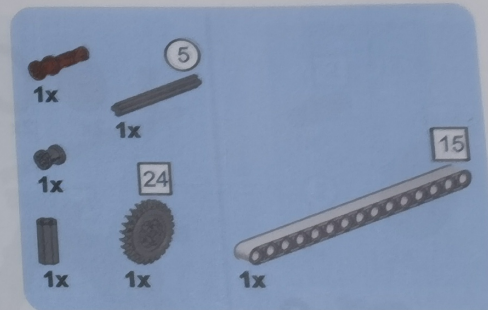
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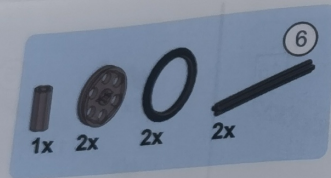
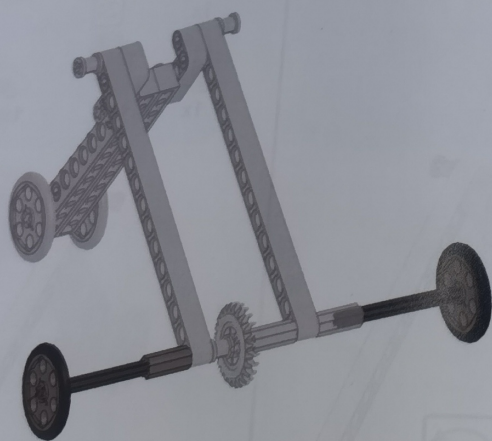


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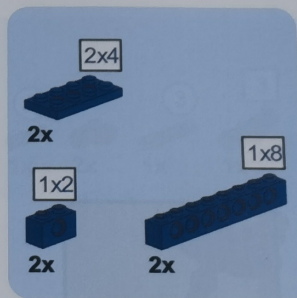


34

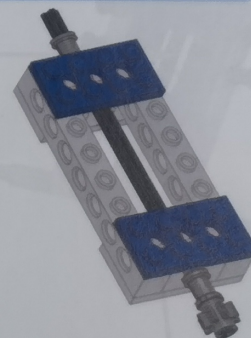
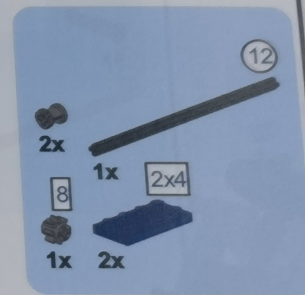
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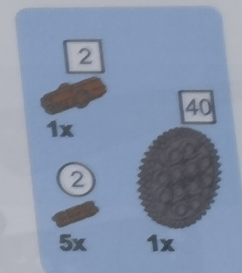
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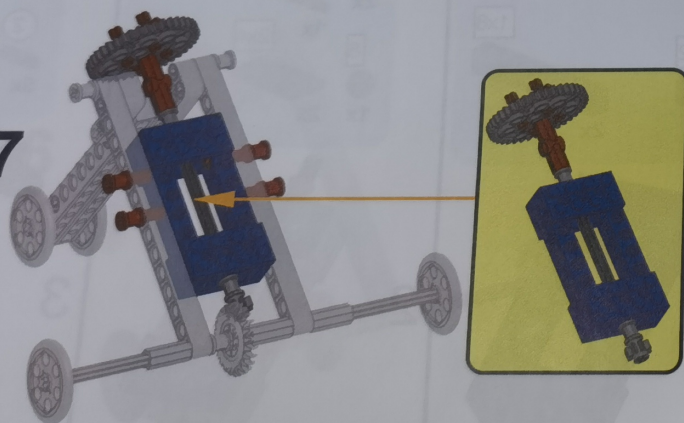
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3

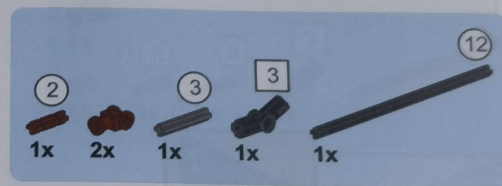


7



4x

1



1x

2x

1x

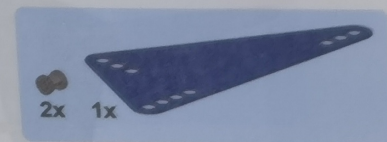
1x

1x

12



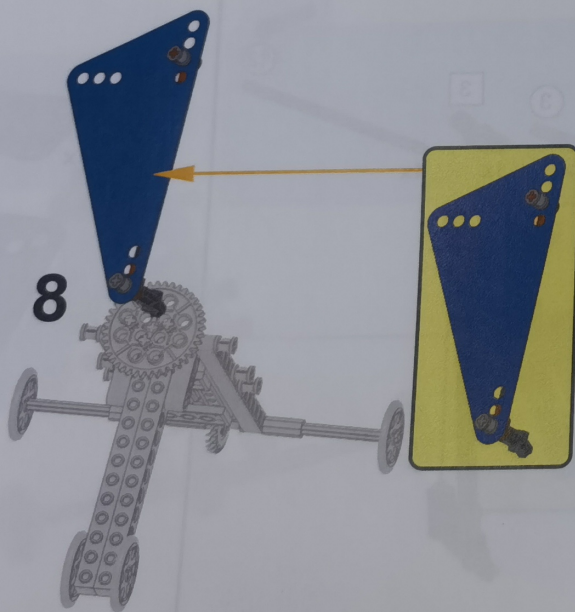
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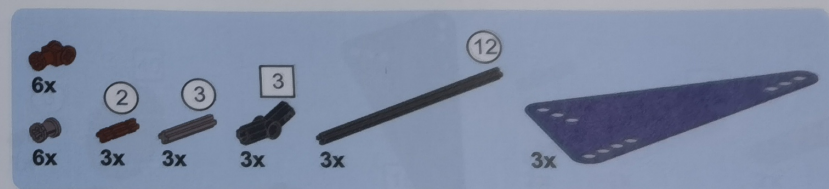
2x

1x





39



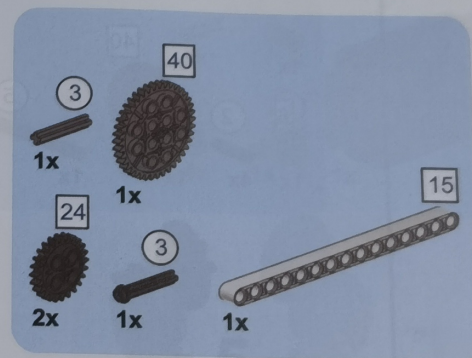
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7. 风扇 Fan

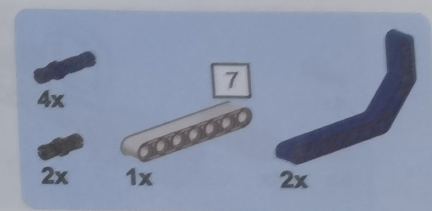


41

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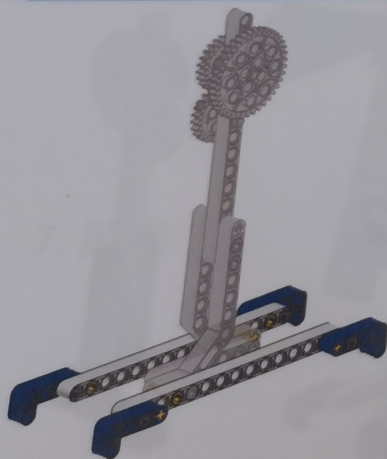
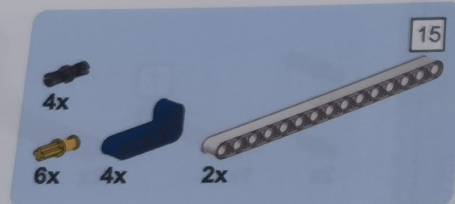


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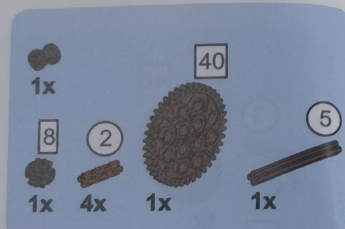


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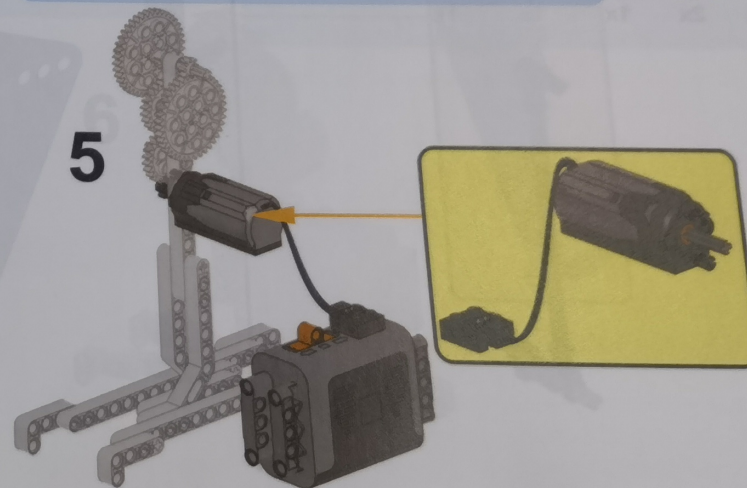
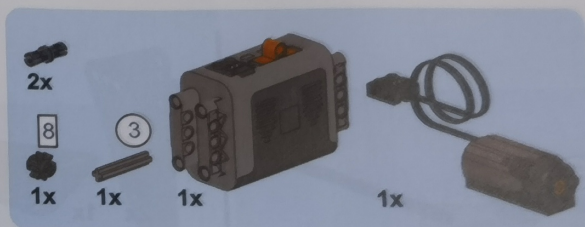
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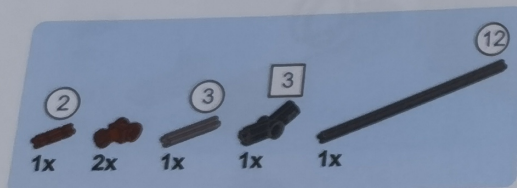
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5



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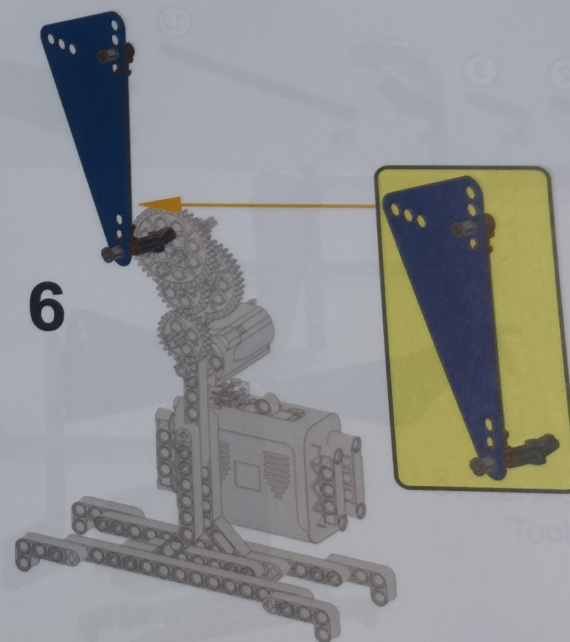


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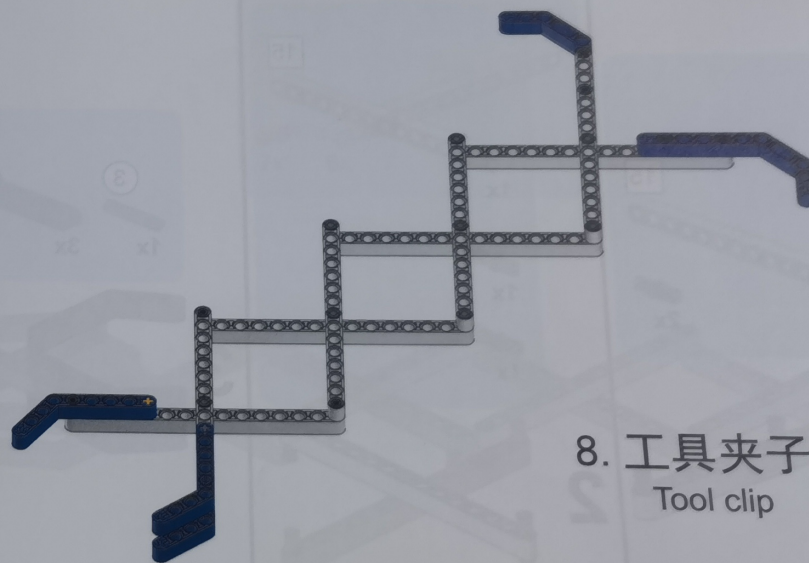
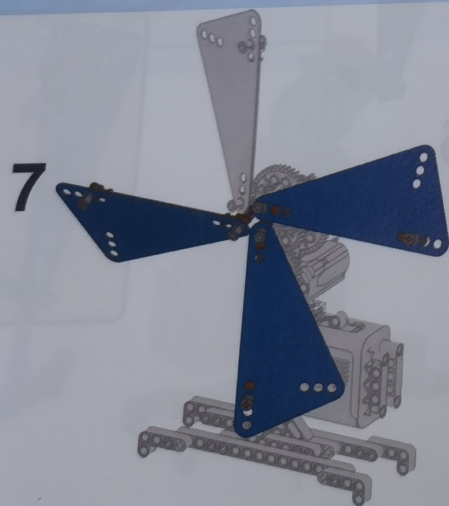
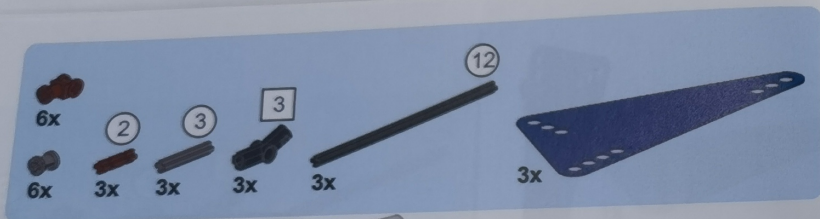
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6

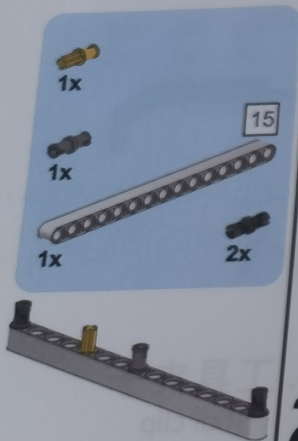


46



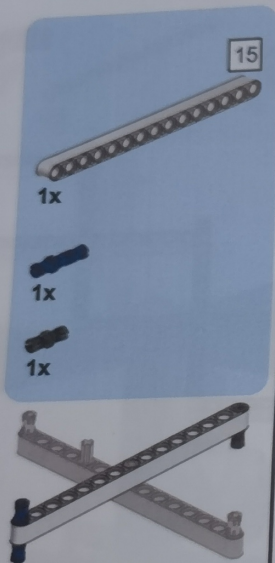
8. 工具夹子
Tool clip

1

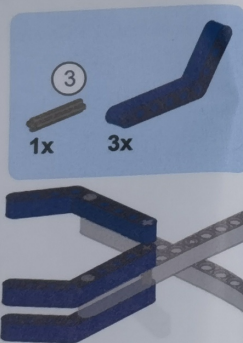


49

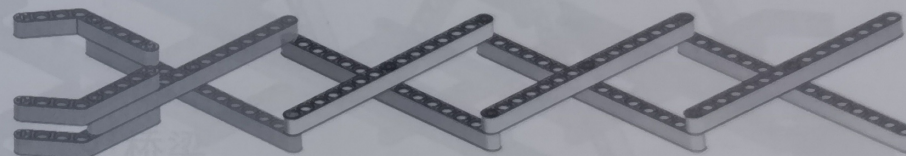
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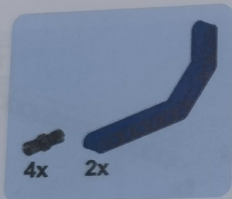
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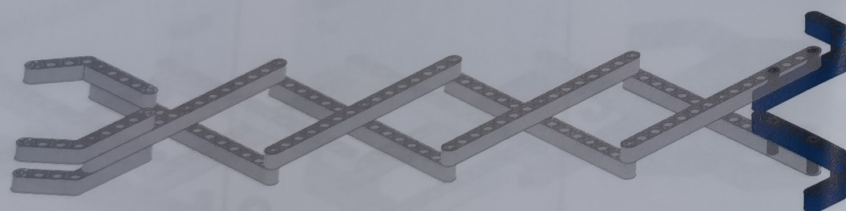
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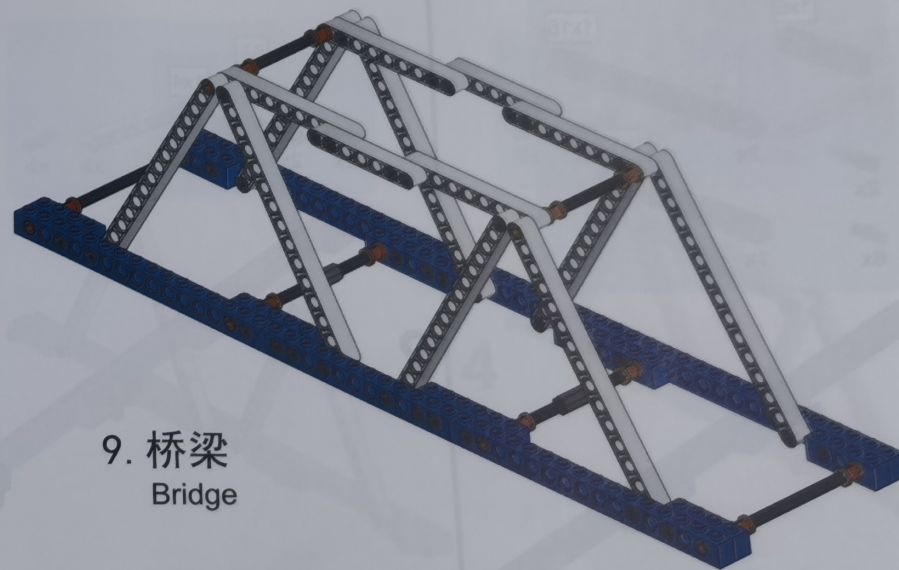
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5



51

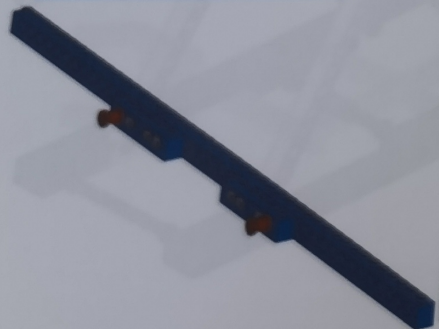
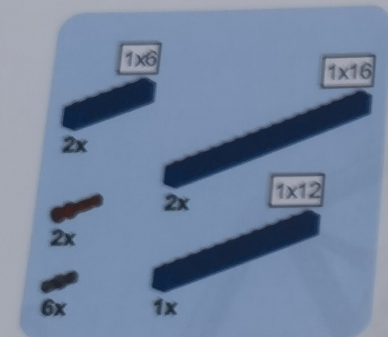


9. 桥梁
Bridge

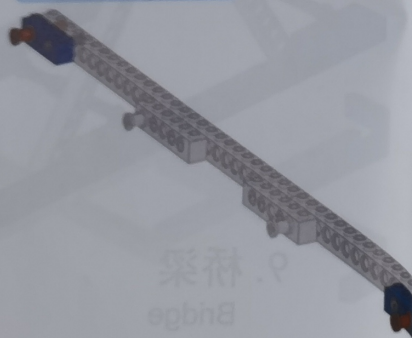
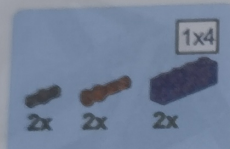
52

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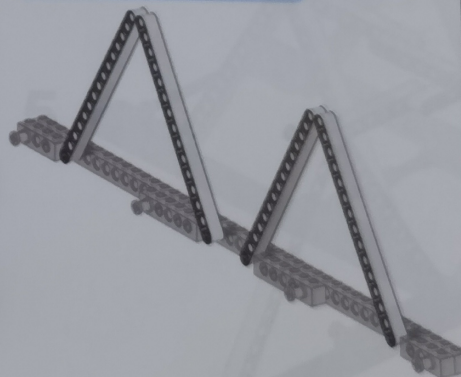
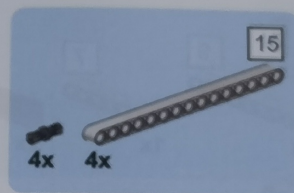
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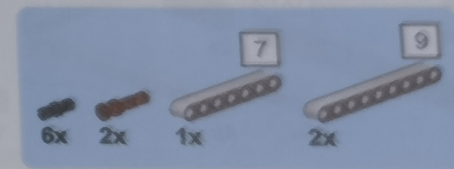
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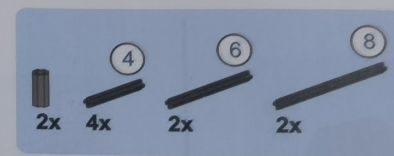
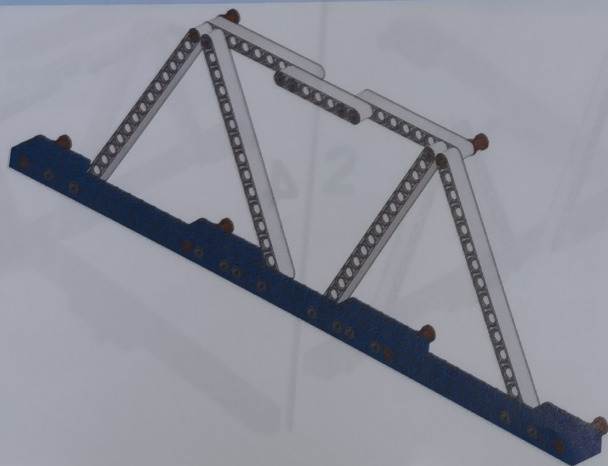
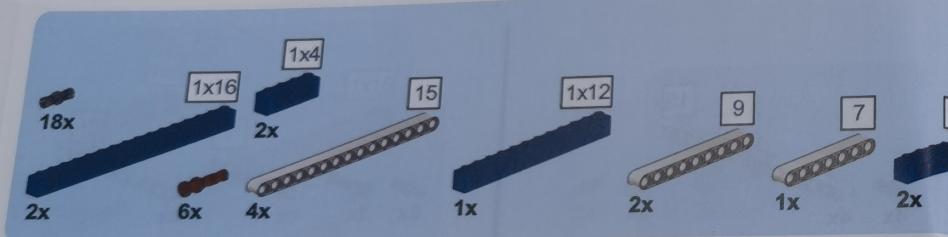
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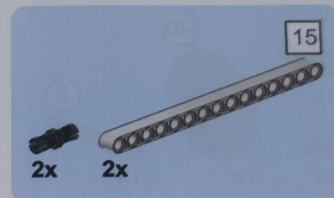
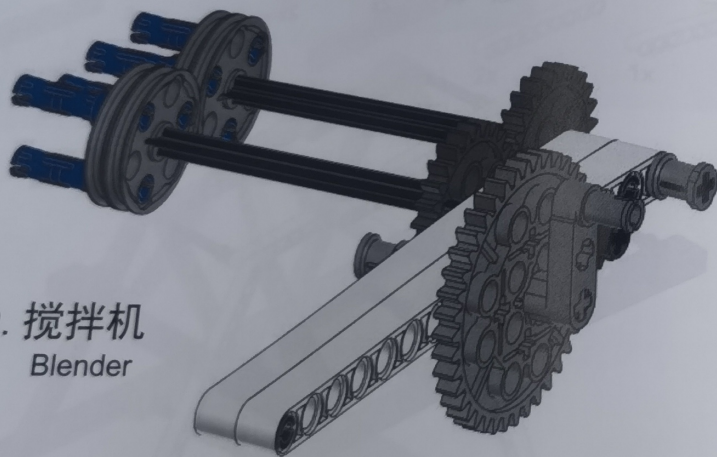
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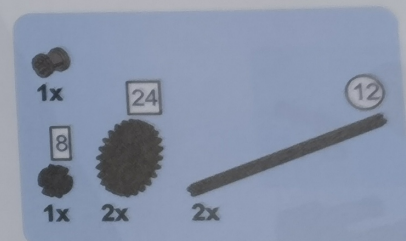
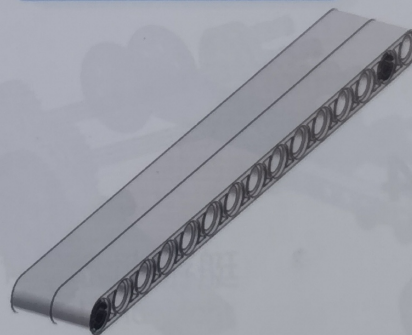
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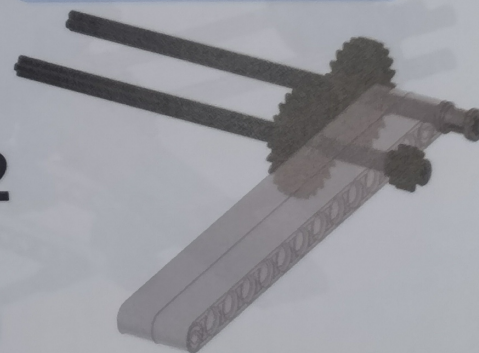
10. 搅拌机 Blender

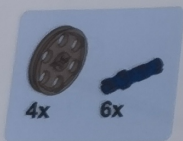


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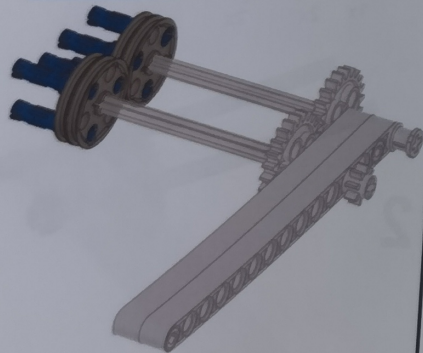


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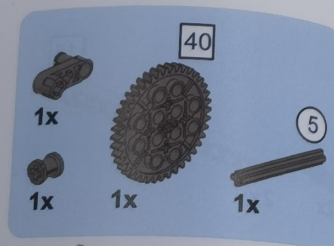




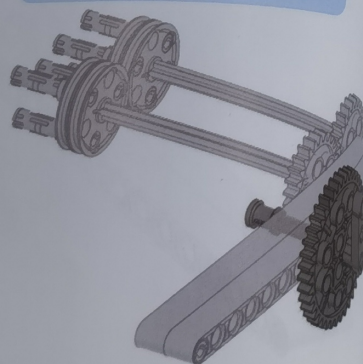
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59



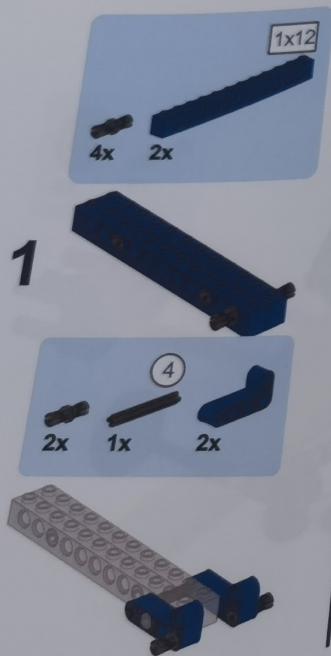
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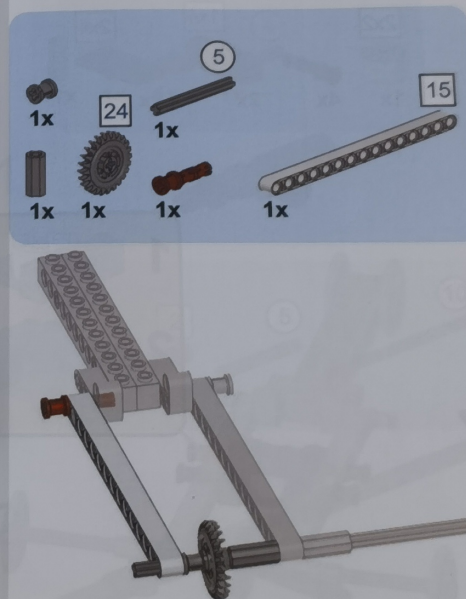
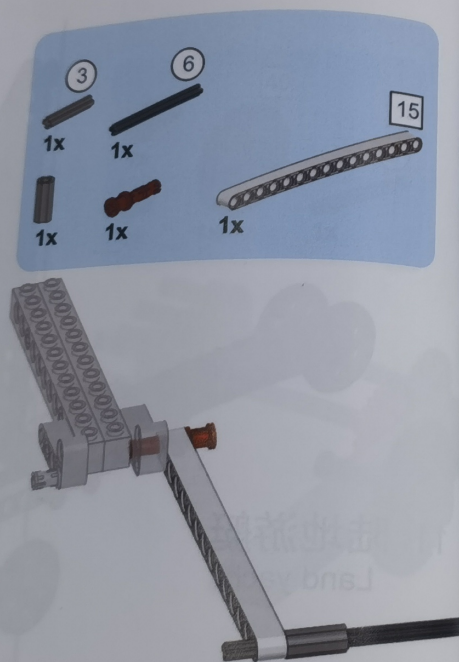
11. 陆地游艇 Land yacht



60



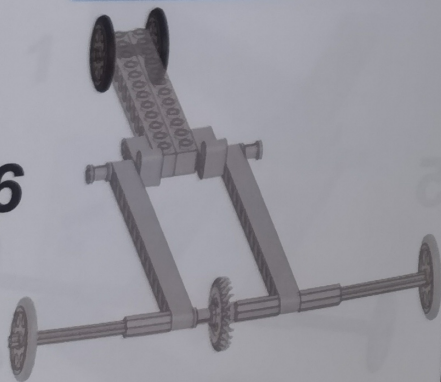
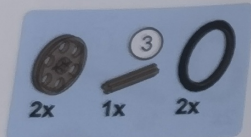
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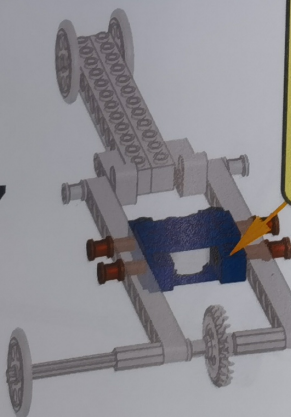
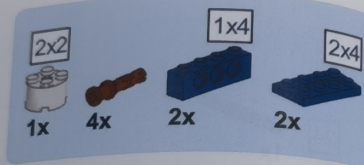


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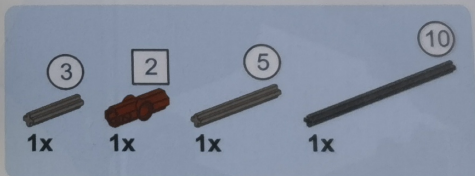
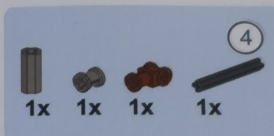


63

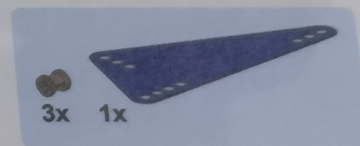
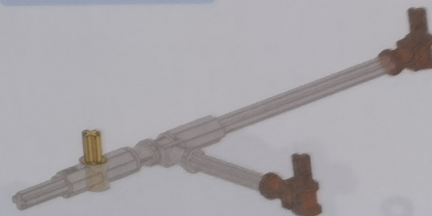
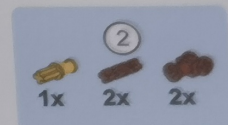
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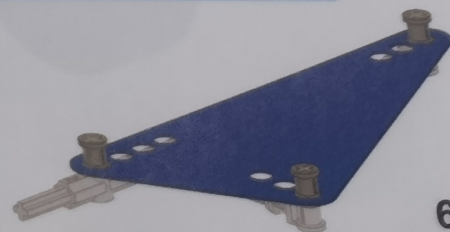
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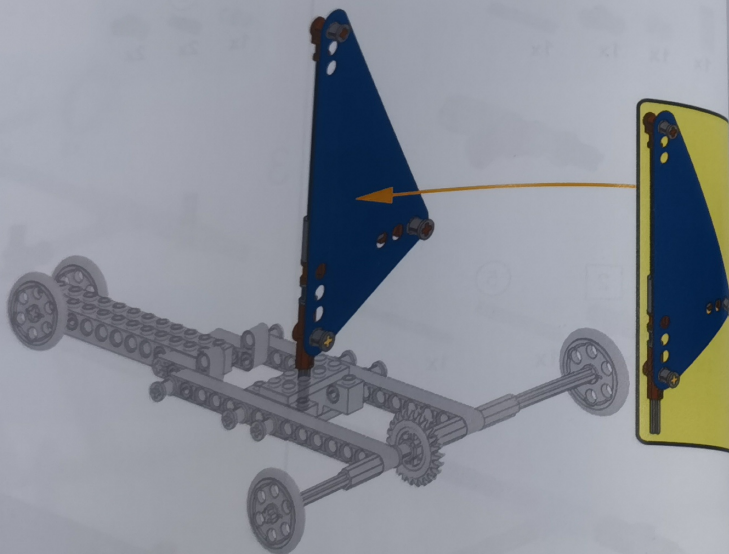


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64

8



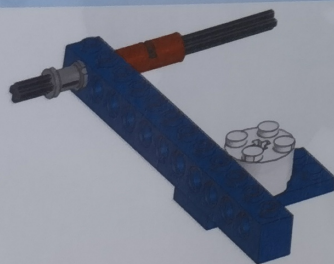
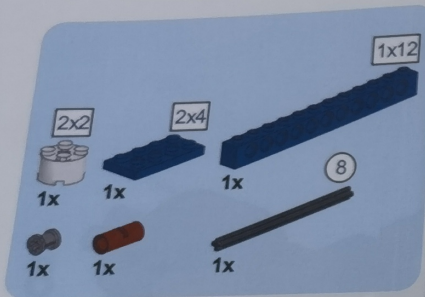
65

12. 碰撞小车
Crash car



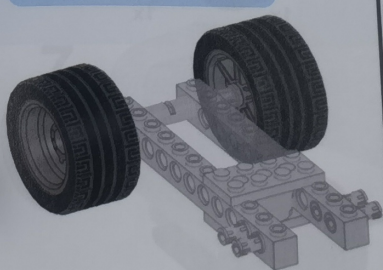
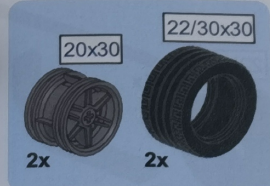
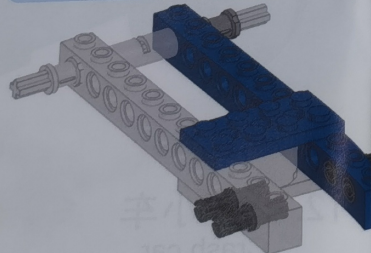
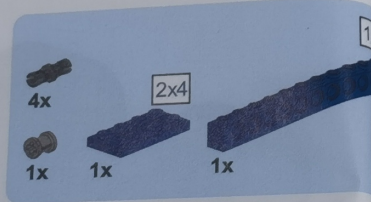
66

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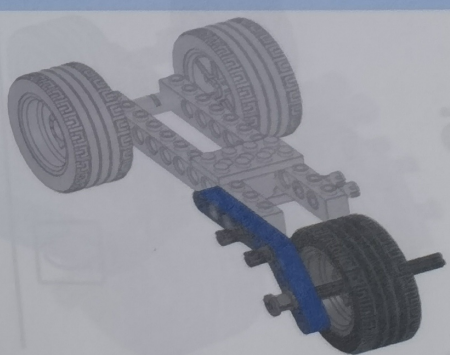
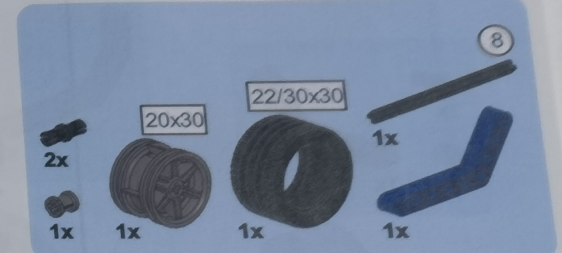


67

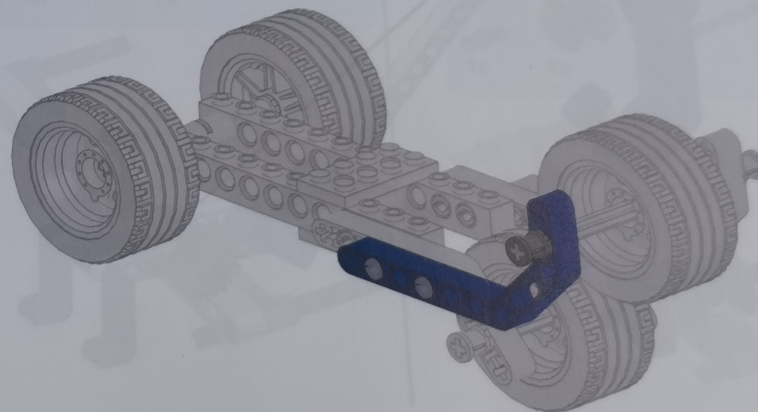
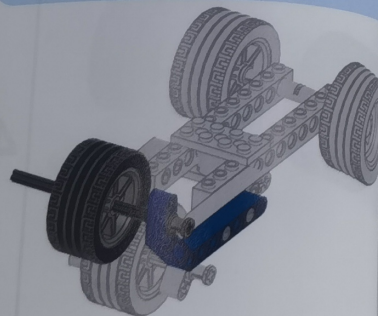
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4



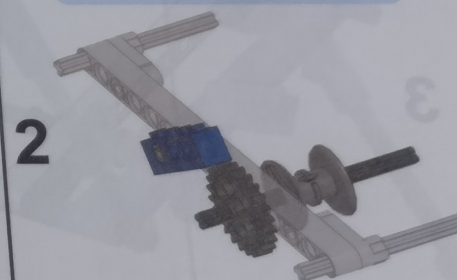
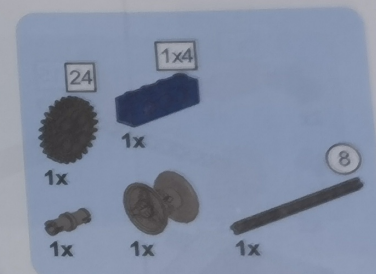
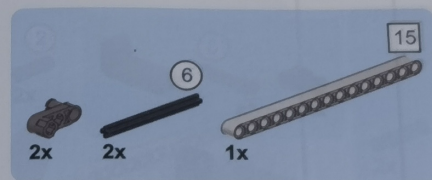
68



13. 起重机 Crane

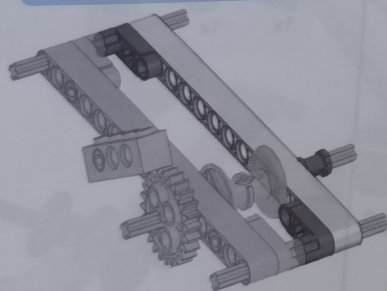
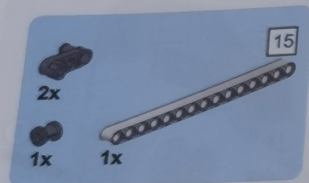


71



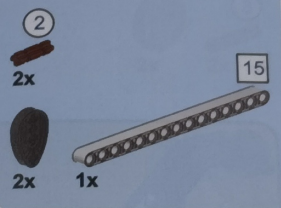
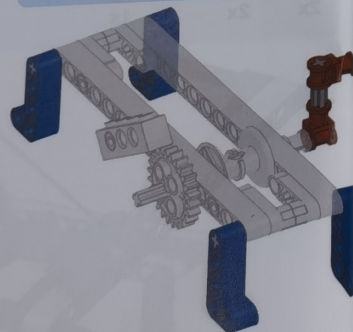
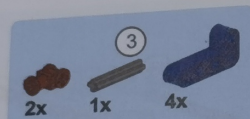
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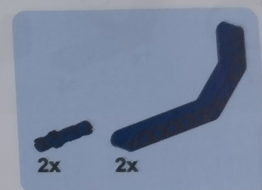


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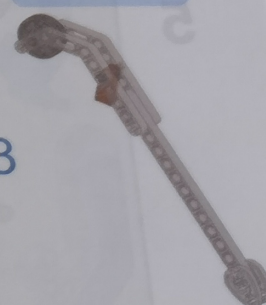
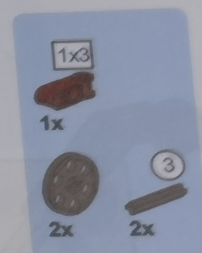
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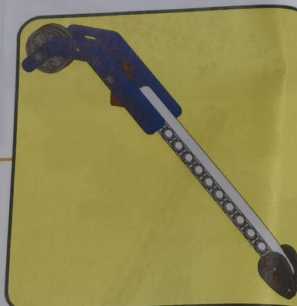


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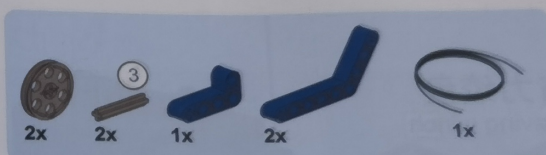


74

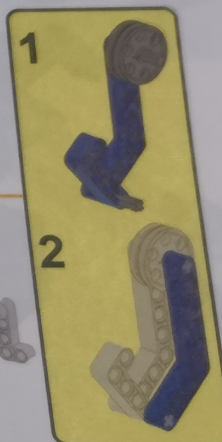
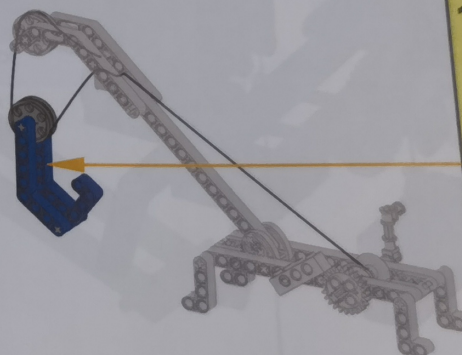
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75

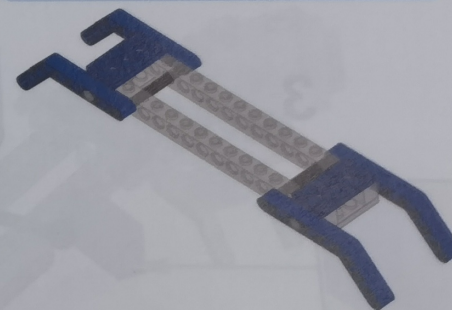
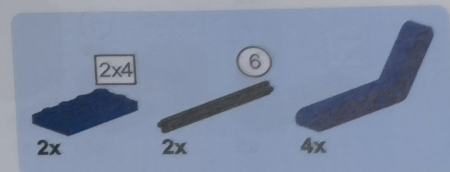
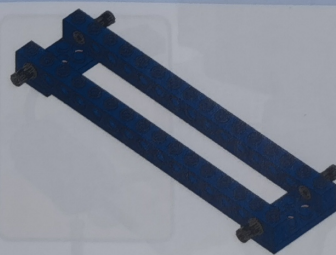
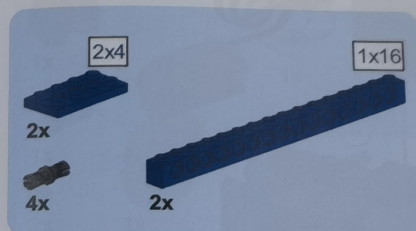


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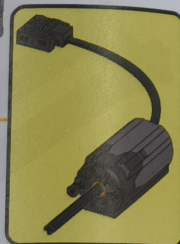
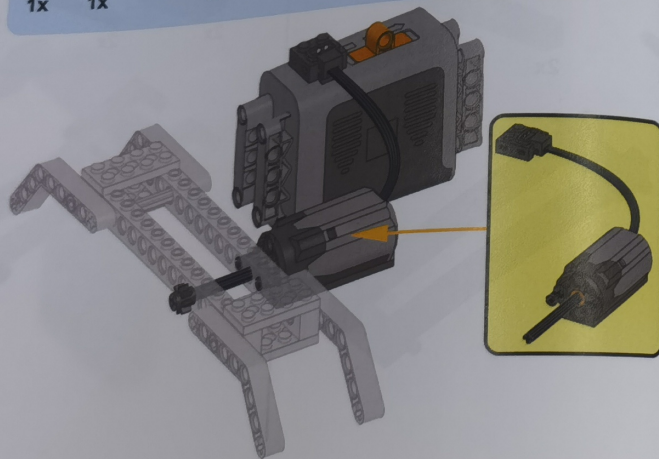
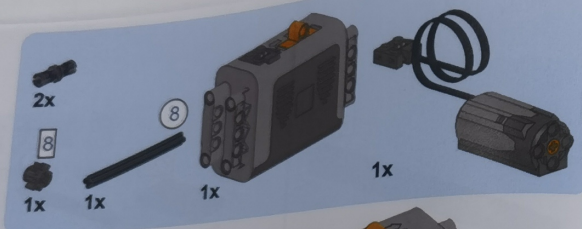
76

14. 省力绞盘 Effort-saving winch

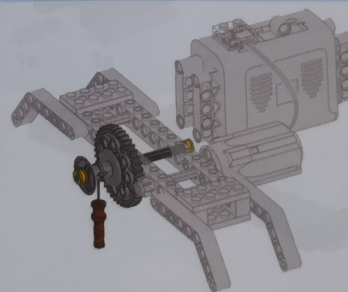
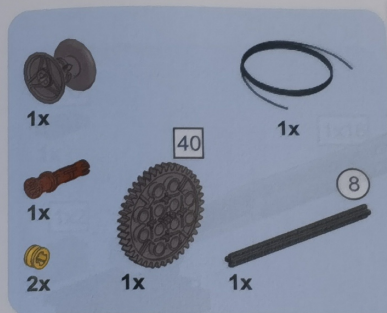


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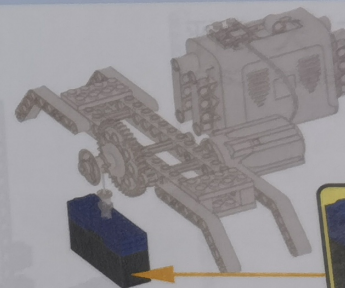
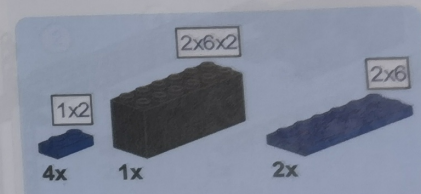
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4



5

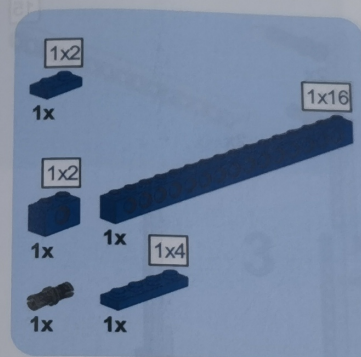


80

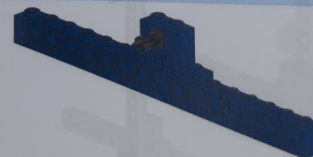
15. 天平秤 Balance scales



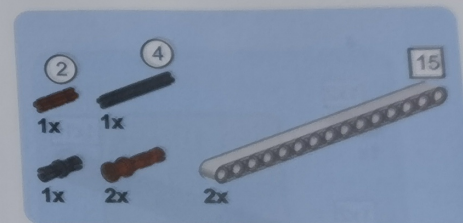
81



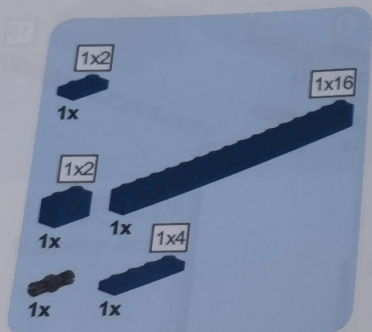
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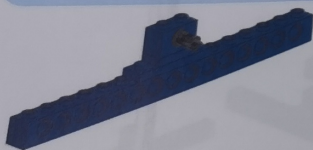
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82

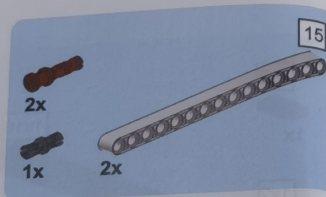


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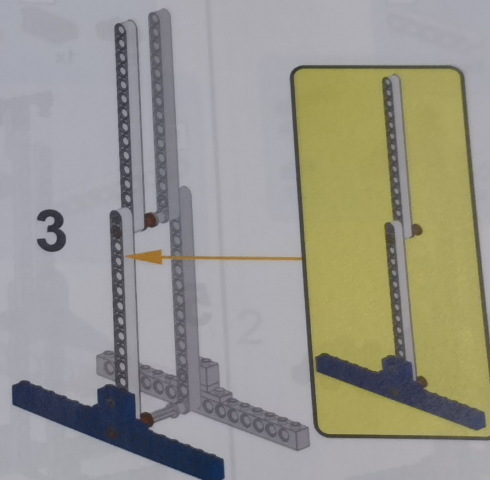


83

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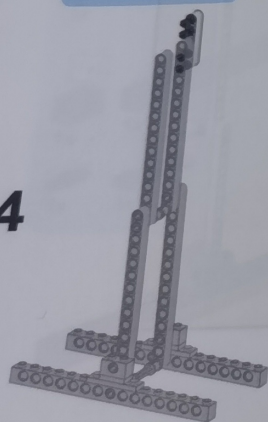
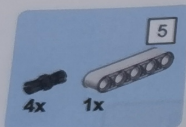


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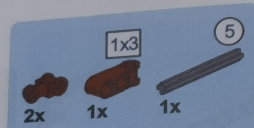
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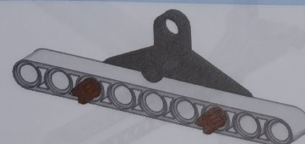
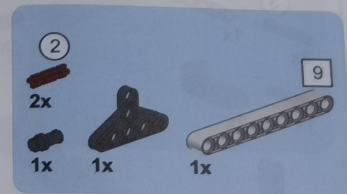


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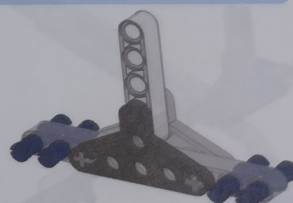
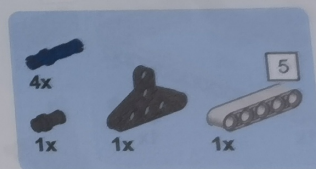
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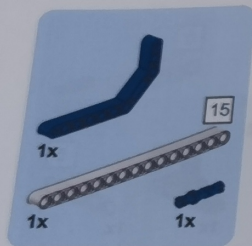
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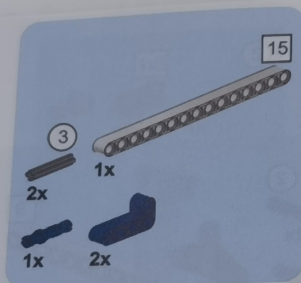


86

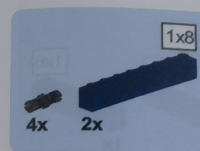


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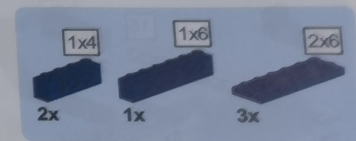
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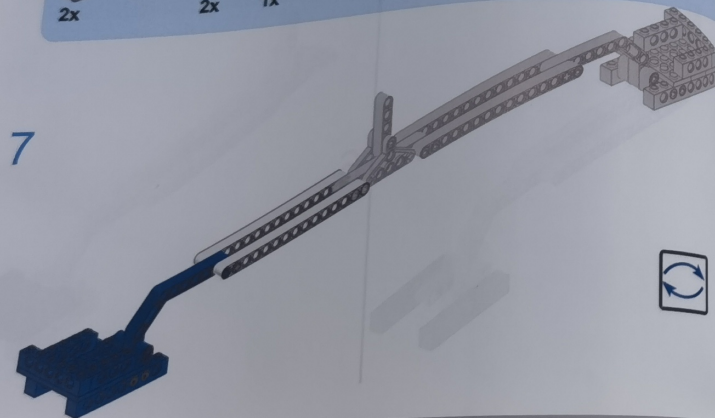
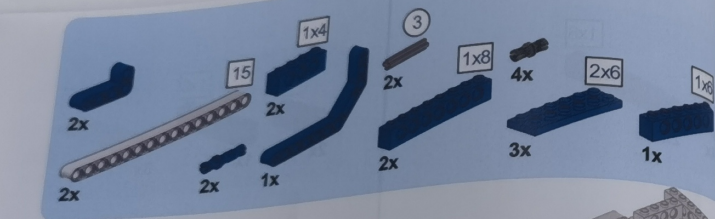


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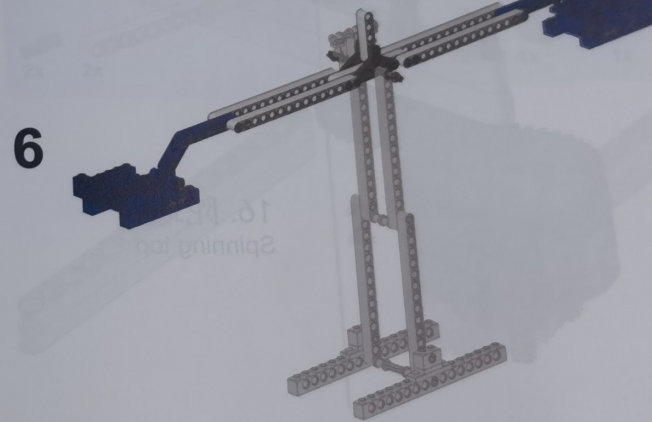
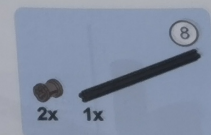


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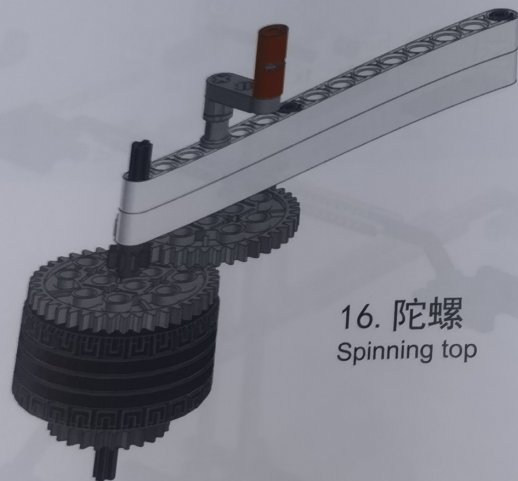
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89

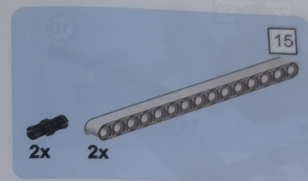


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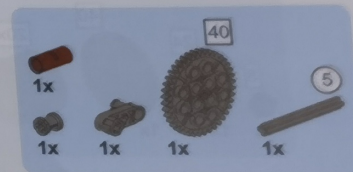


16. 陀螺
Spinning top

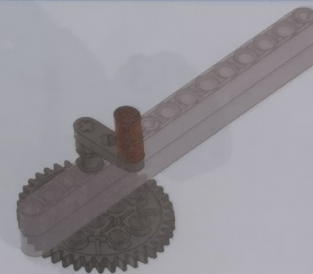
91



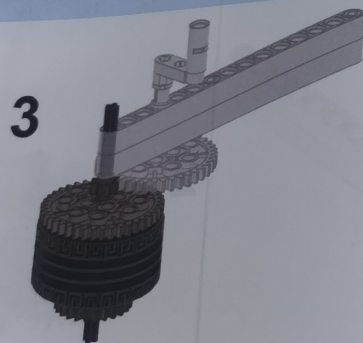
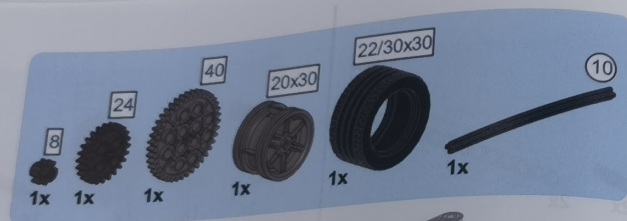
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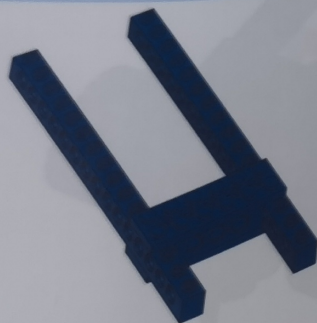
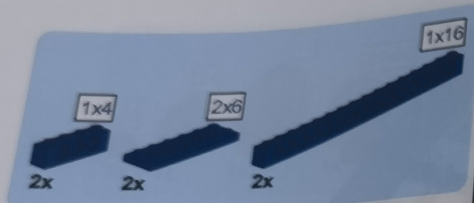


92



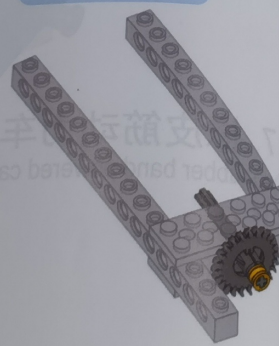
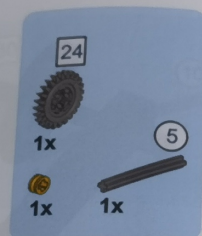
17. 橡皮筋动力车
Gyro rubber band powered car

1

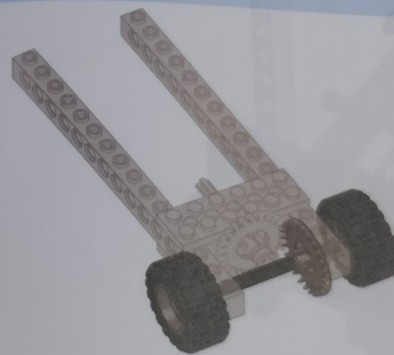
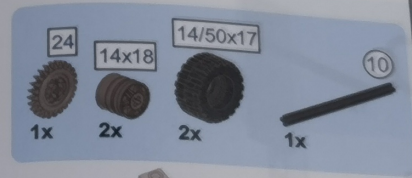


95

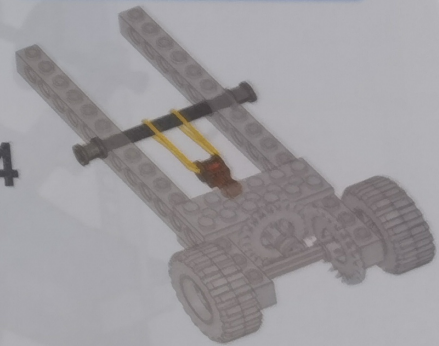
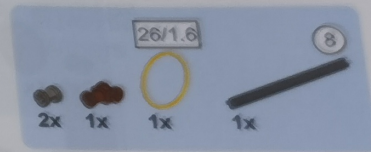
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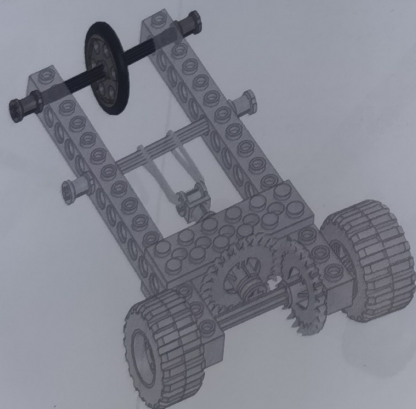
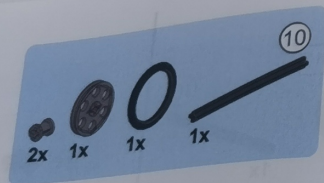


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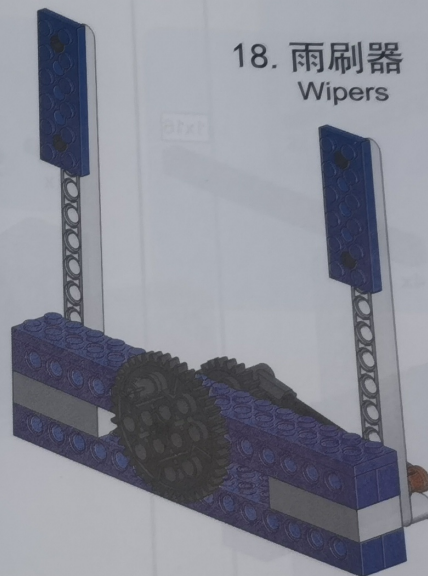


96

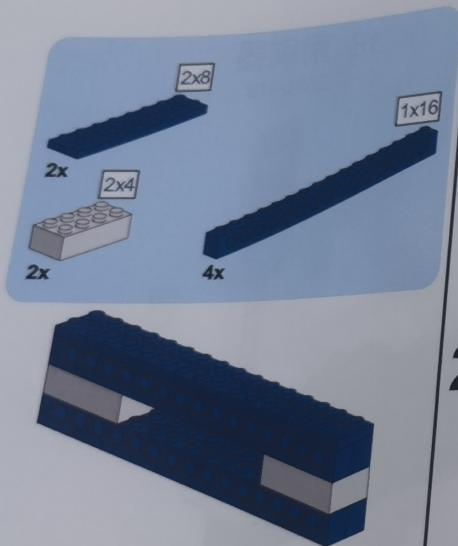
5



18. 雨刷器 Wipers

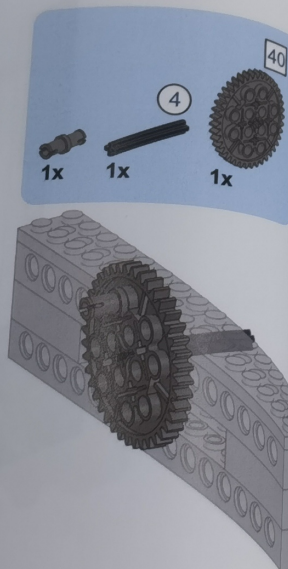


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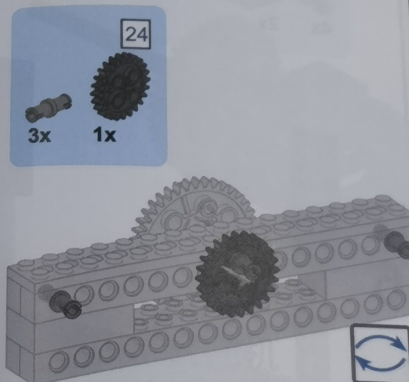


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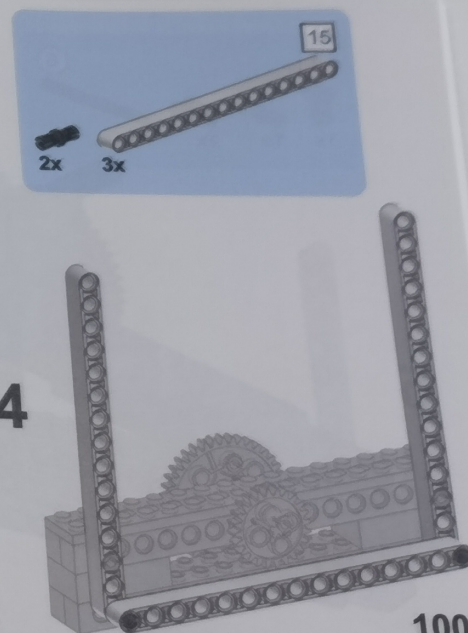
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3



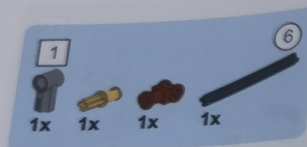
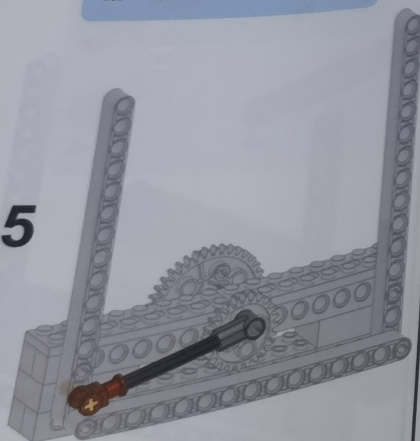
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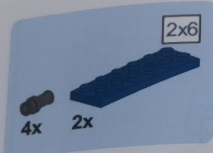
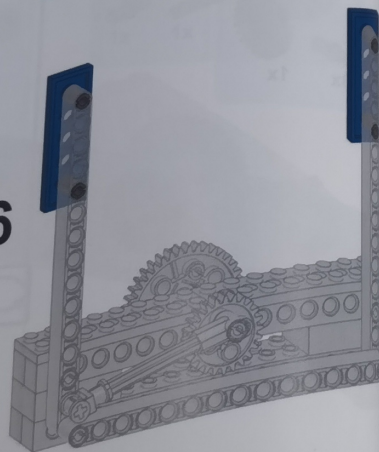
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101

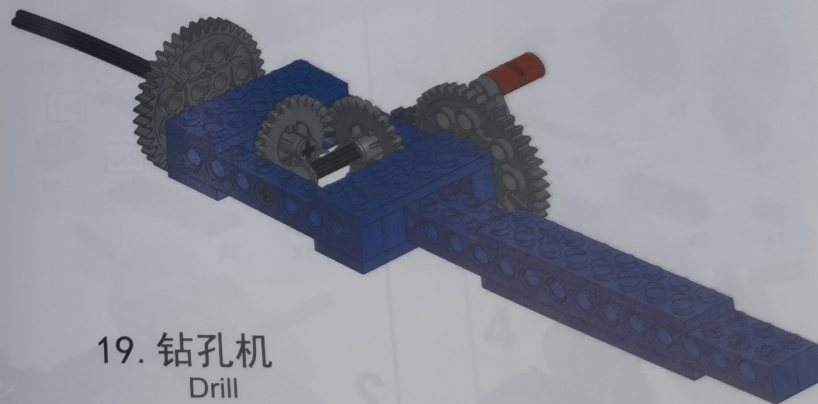
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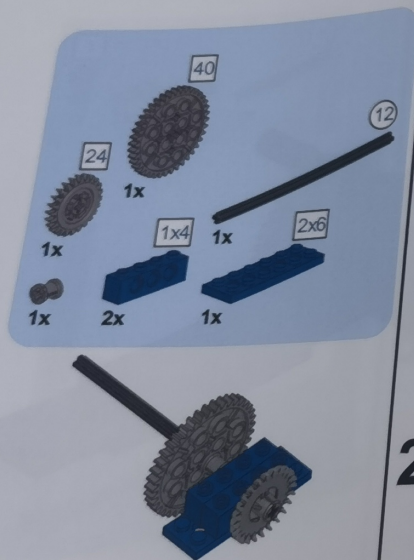
19. 钻孔机
Drill



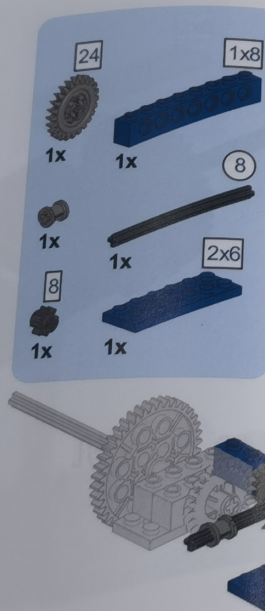
102

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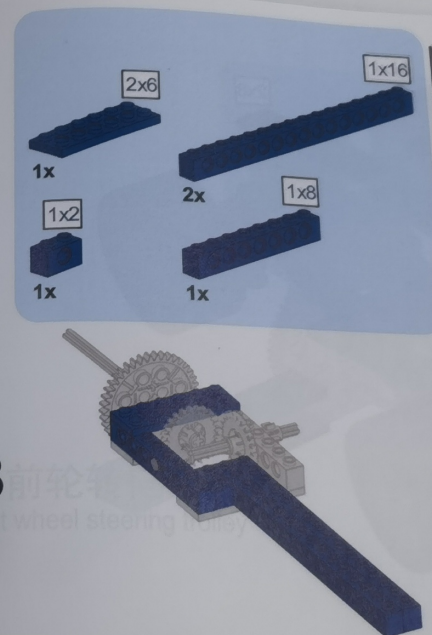
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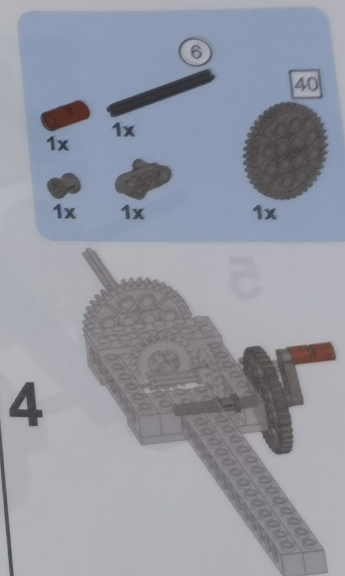
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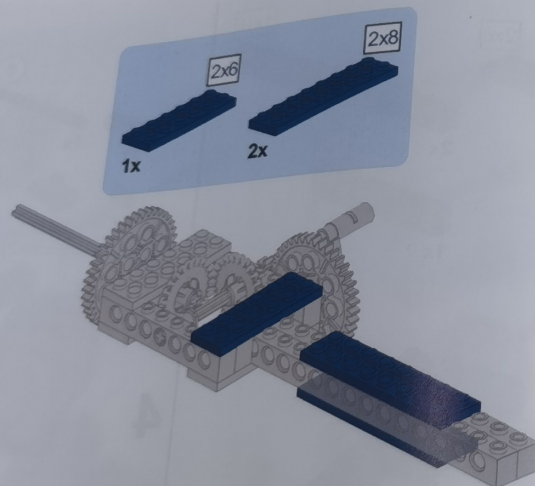


4



104

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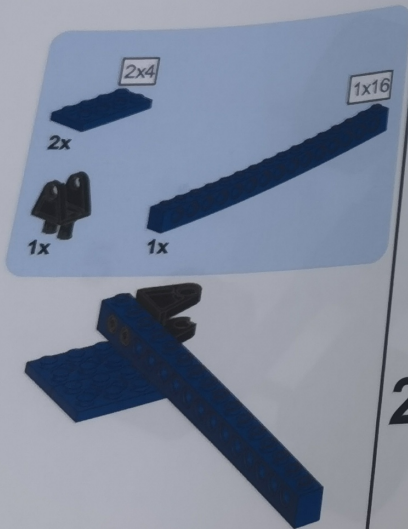
105

20. 前轮转向小车 Front wheel steering trolley



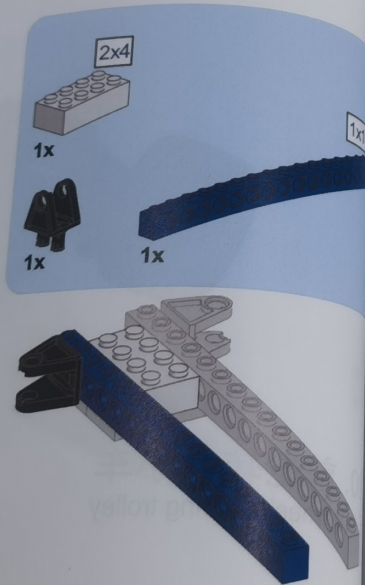
106

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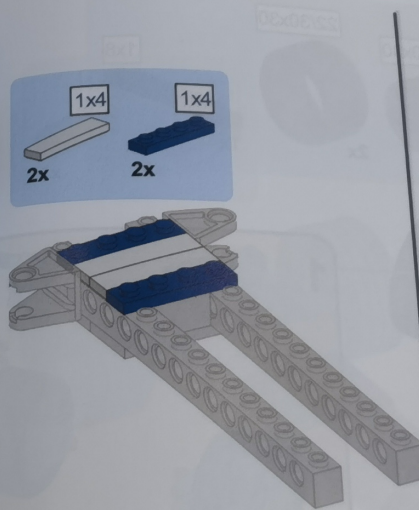


107

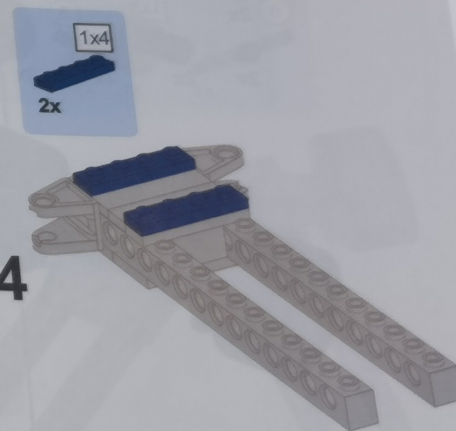
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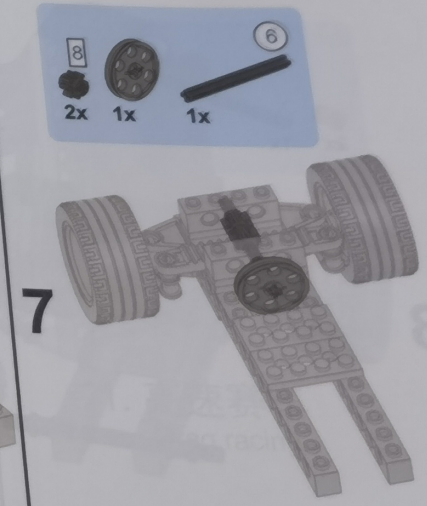
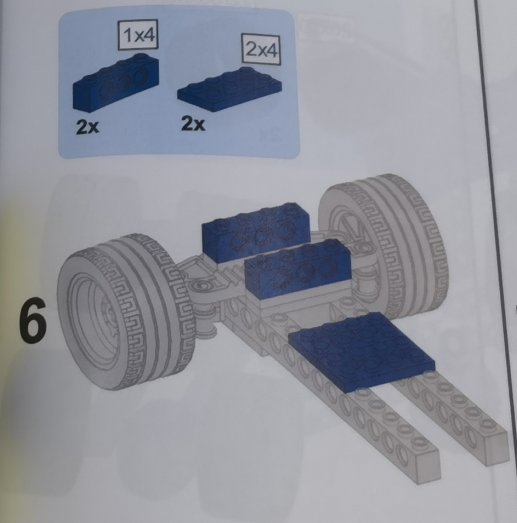
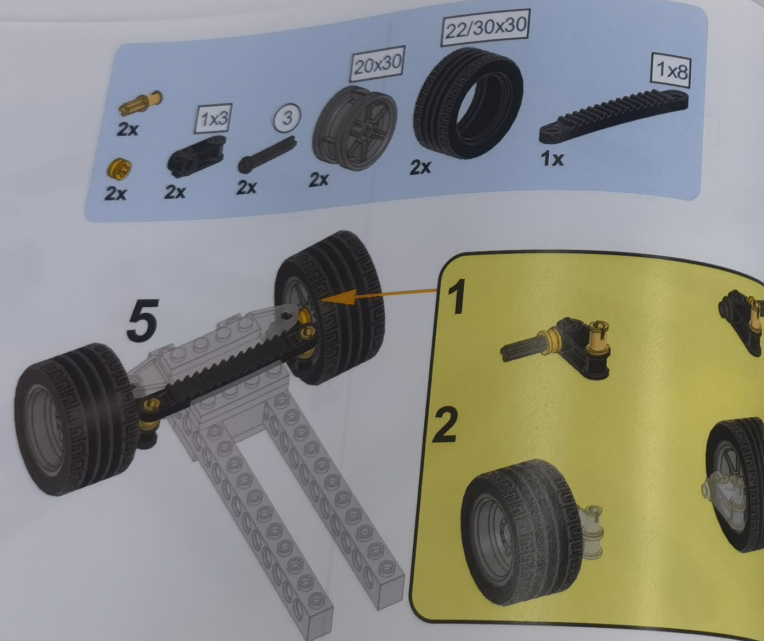
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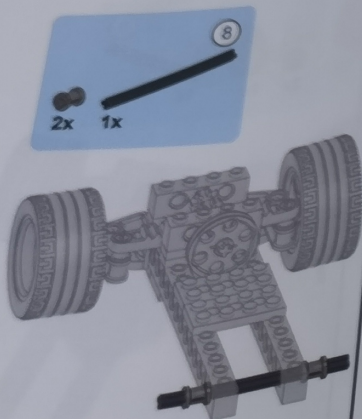
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108

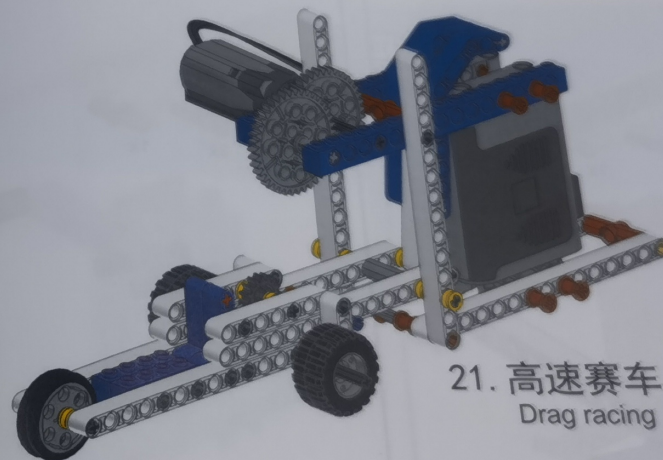


8



111

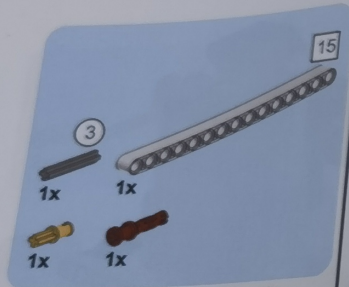
9



21. 高速赛车
Drag racing

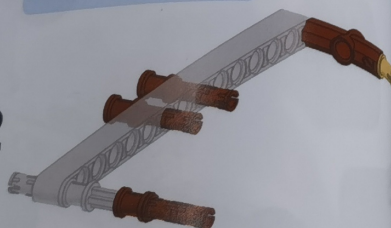
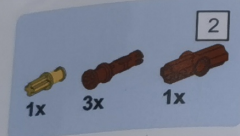
112

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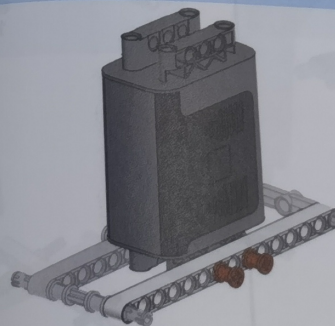
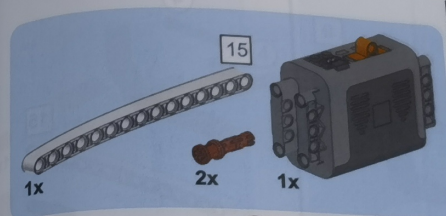


113

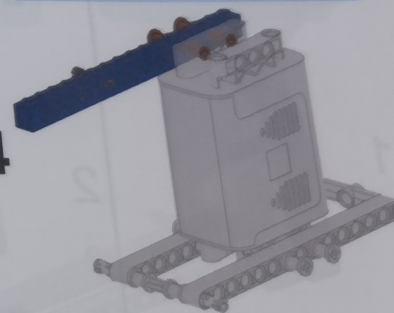
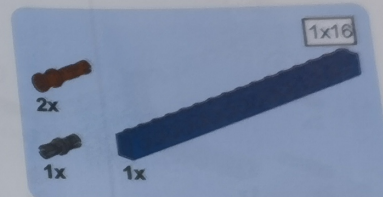
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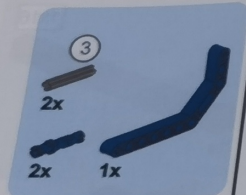


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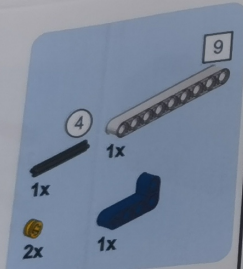
114

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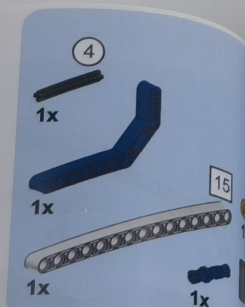


115

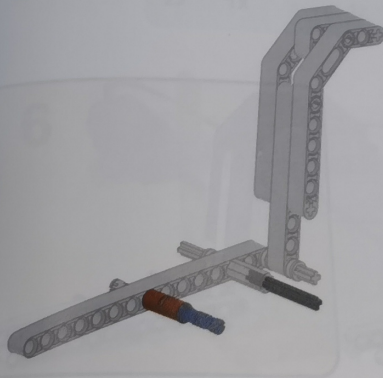
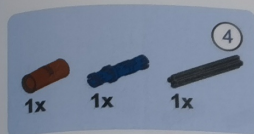
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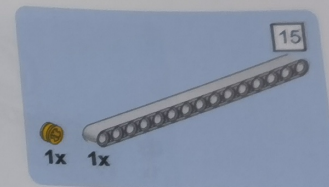
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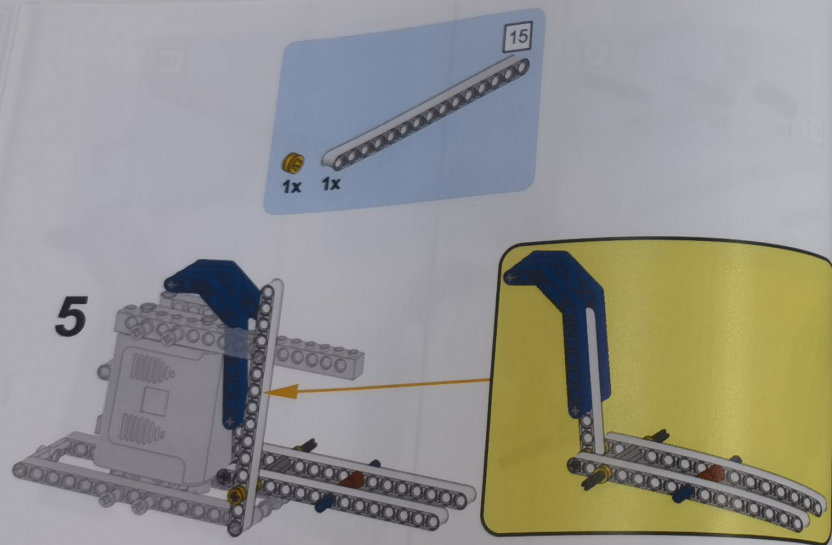
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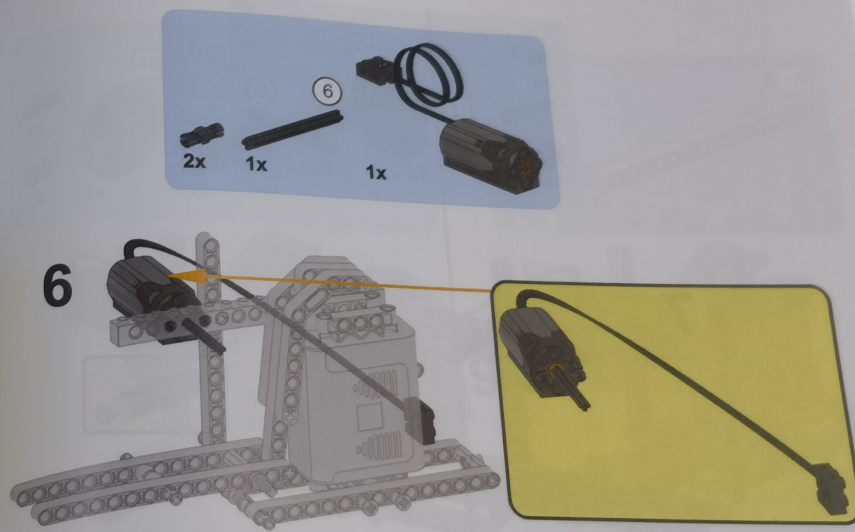
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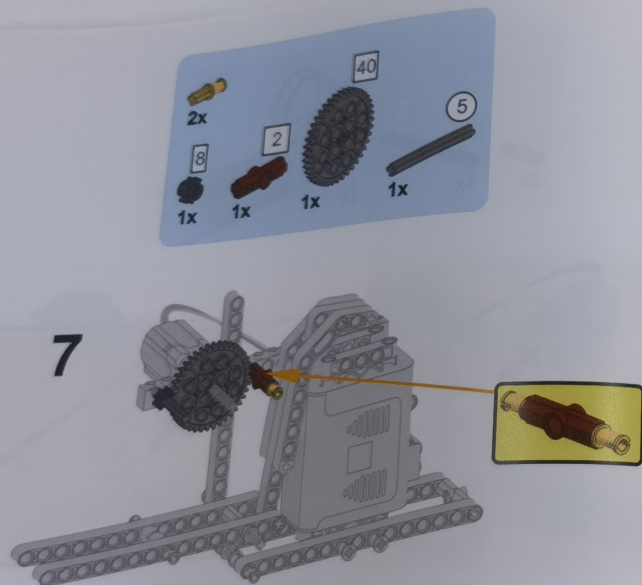
116



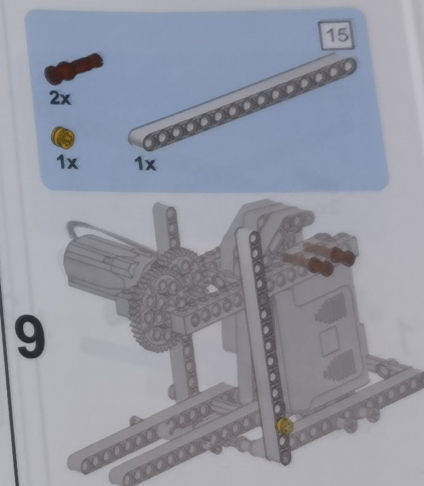
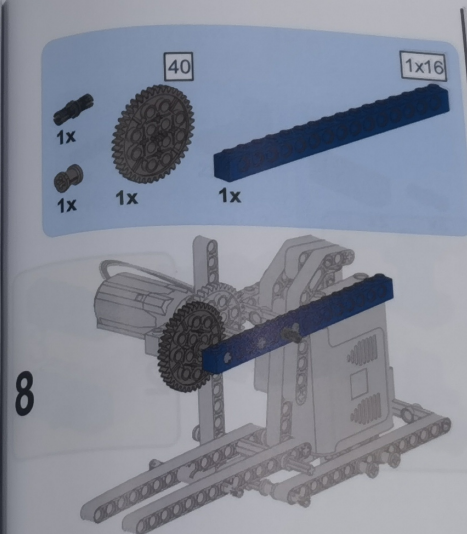
117



118

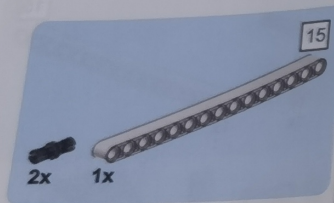


119



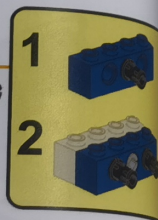
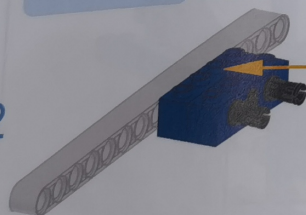
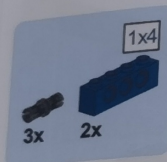
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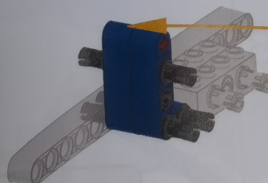
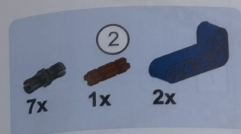


121

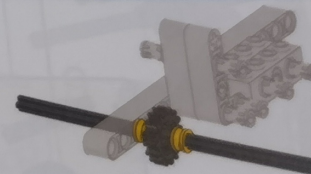
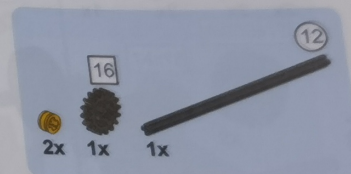
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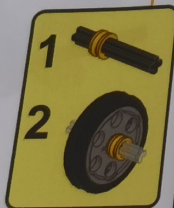
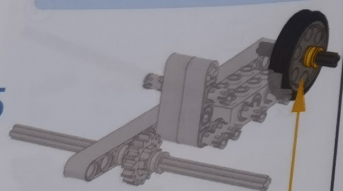
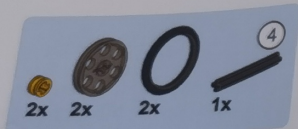


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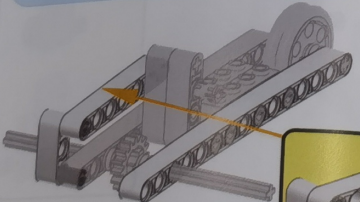
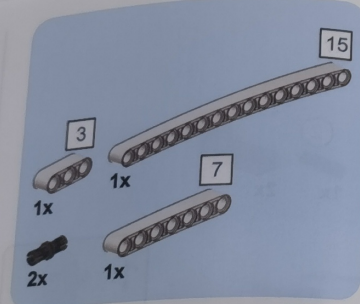


122

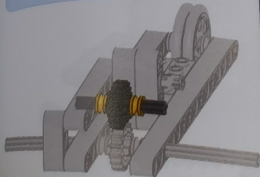
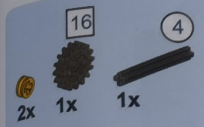
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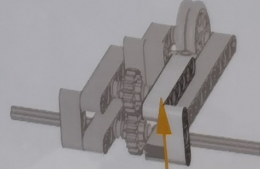
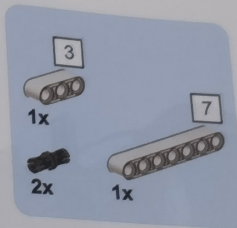
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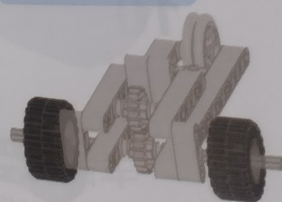
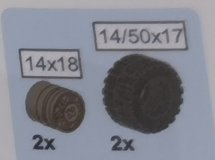
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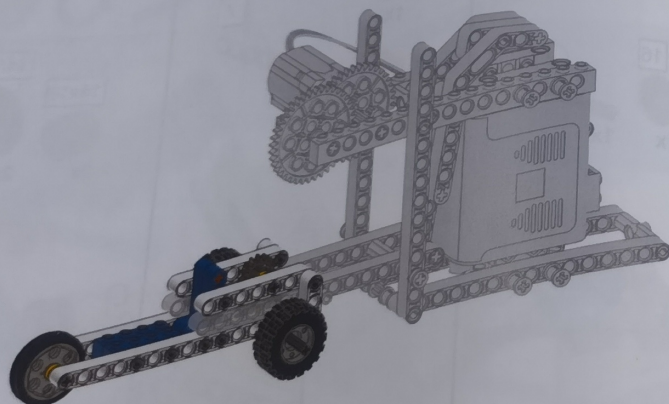


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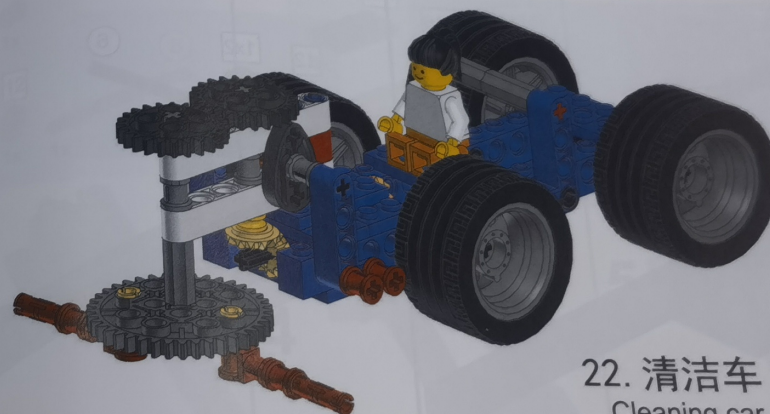


Cleaning car

10



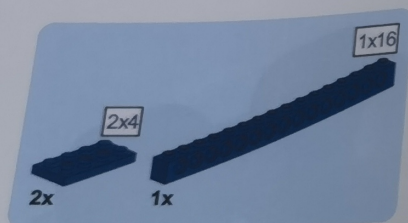
125



22. 清洁车
Cleaning car

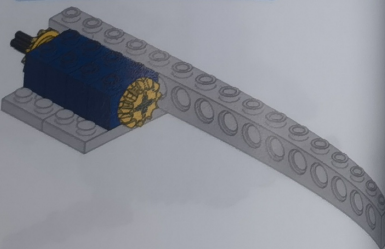
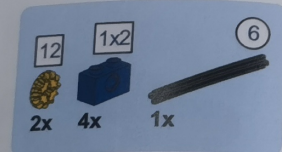
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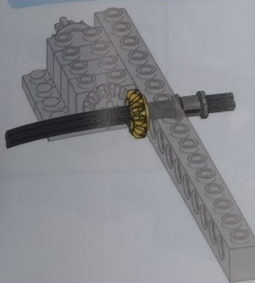
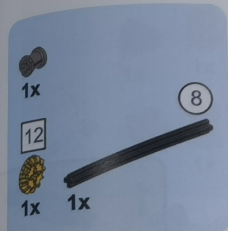


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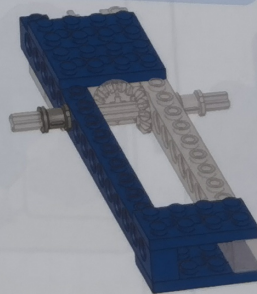
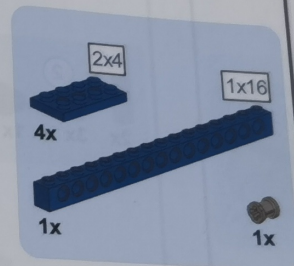
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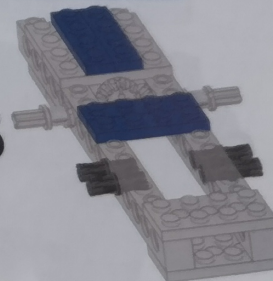
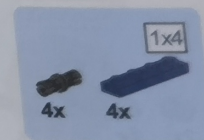
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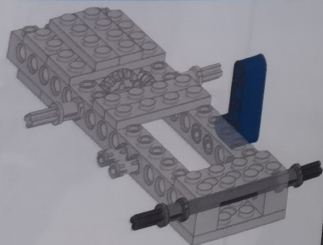
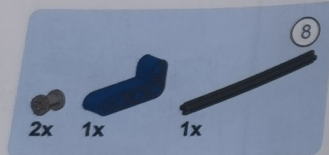


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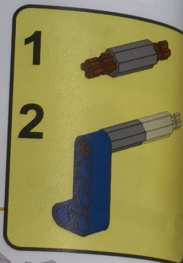
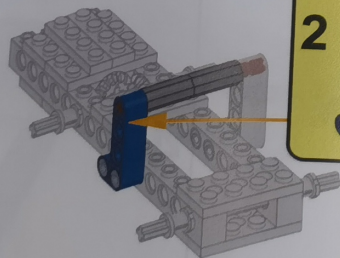
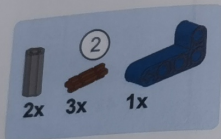


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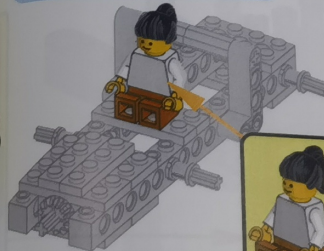
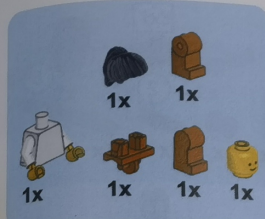


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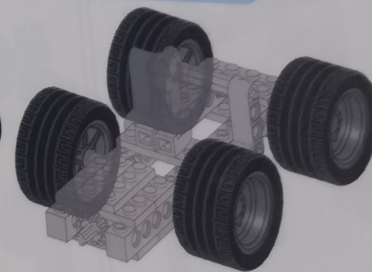
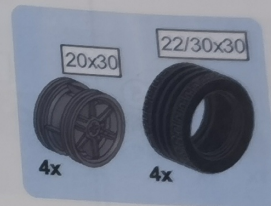


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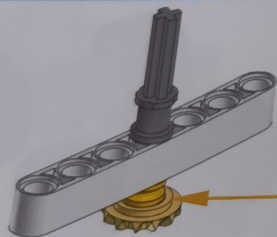
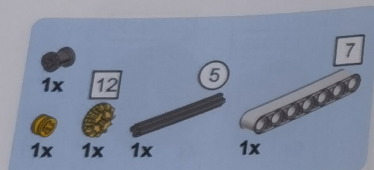


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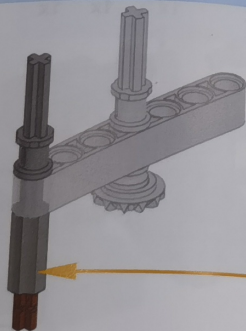
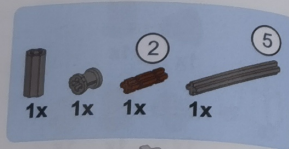
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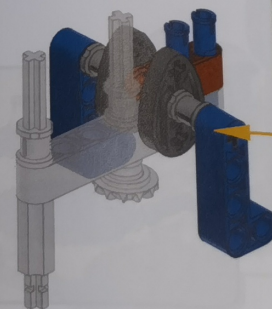
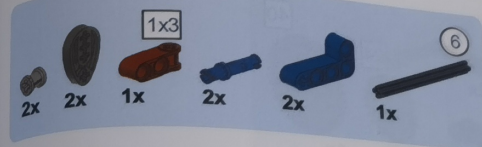


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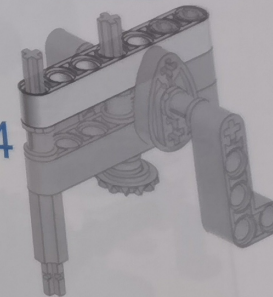
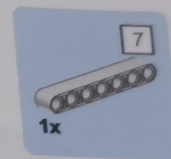
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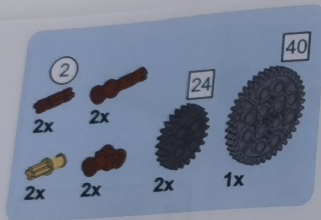
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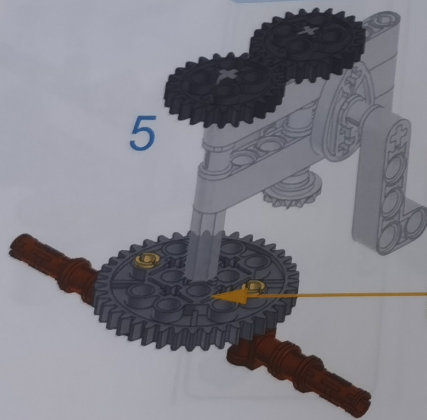
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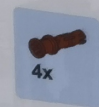
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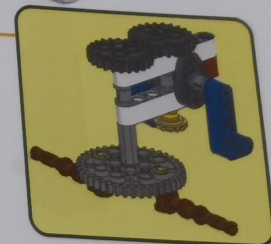
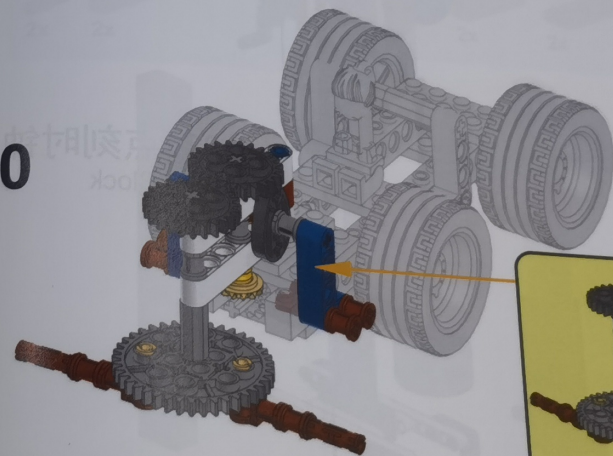
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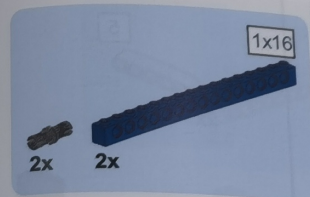


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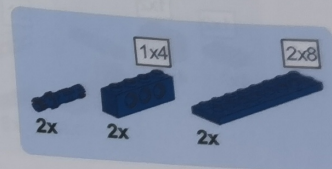


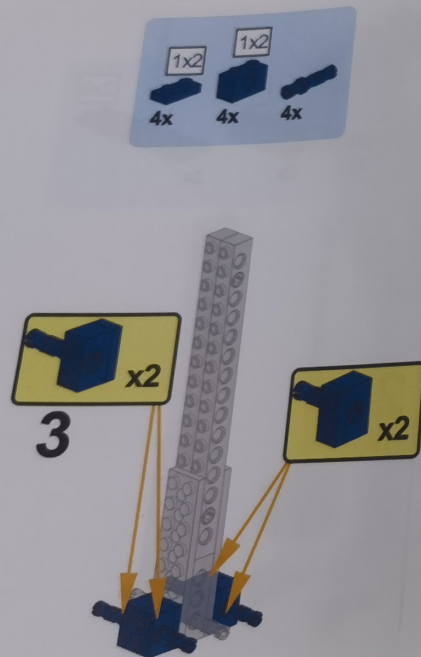
23. 点刻时钟 Clock

1



2

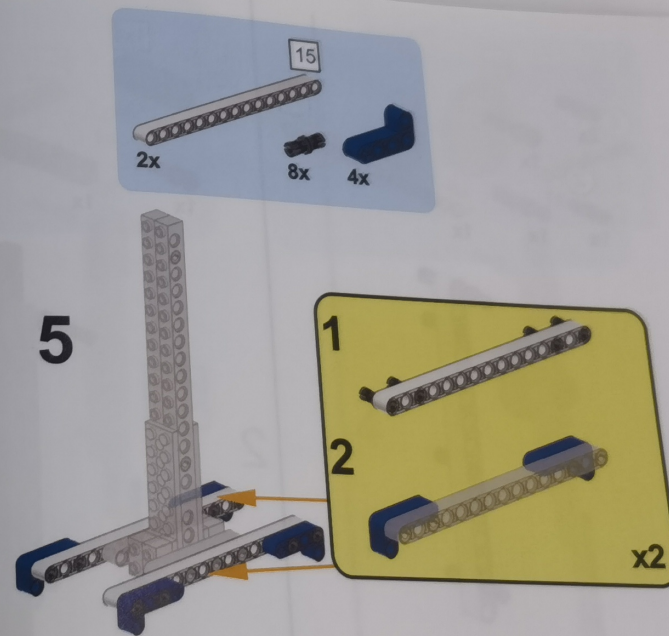




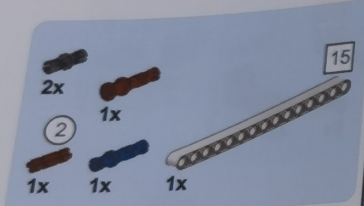
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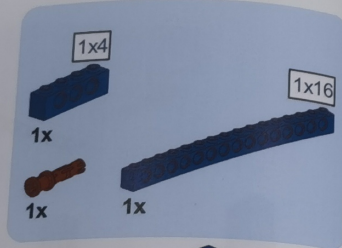


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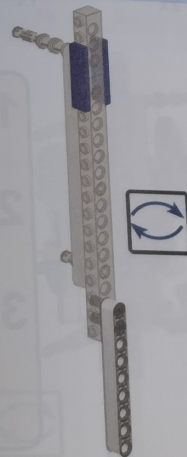
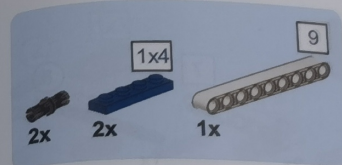


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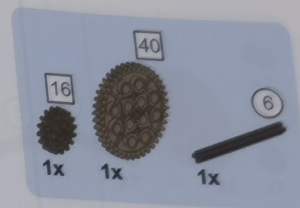
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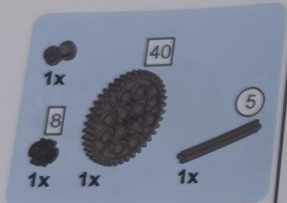
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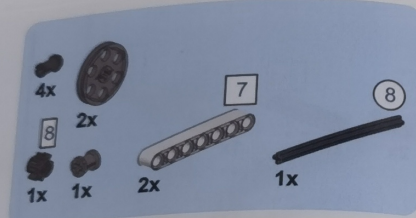
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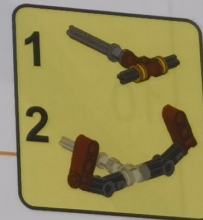
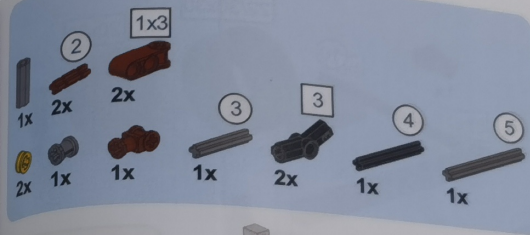
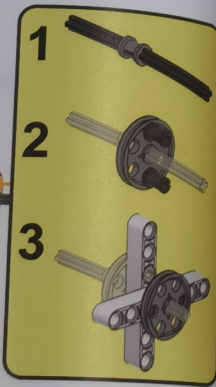
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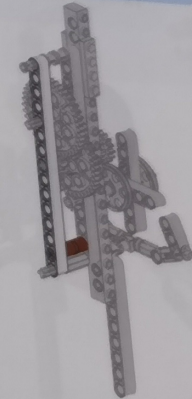
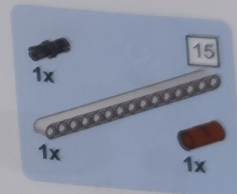
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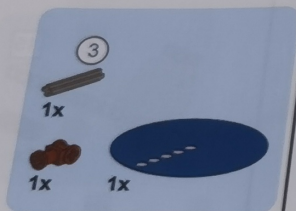
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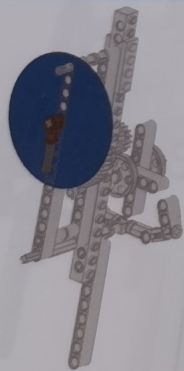
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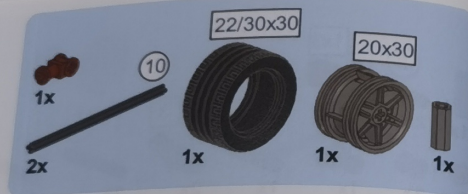
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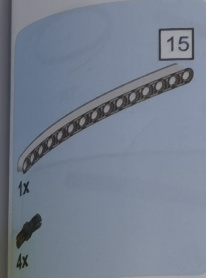
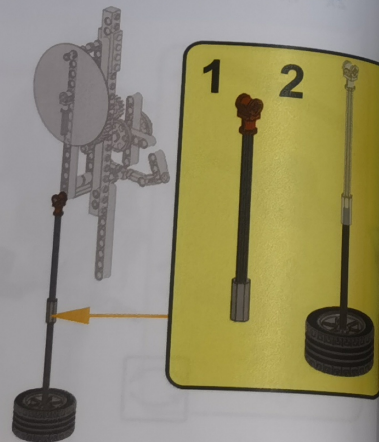
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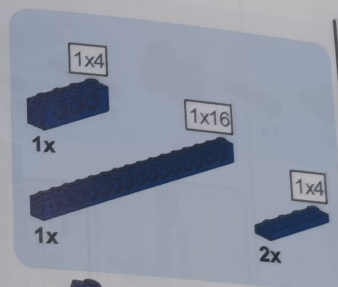
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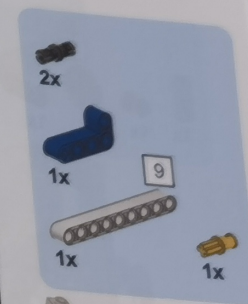
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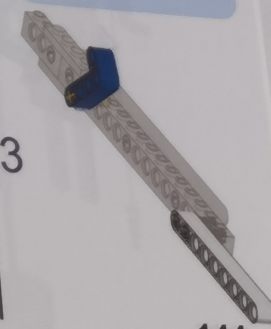
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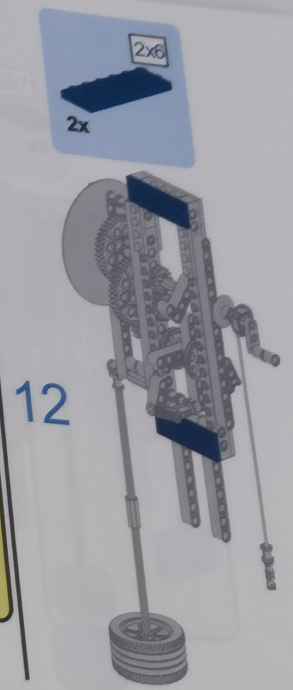
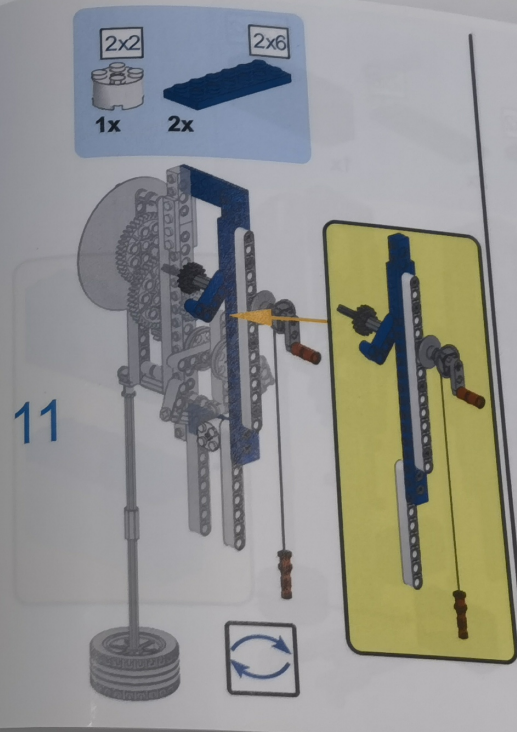
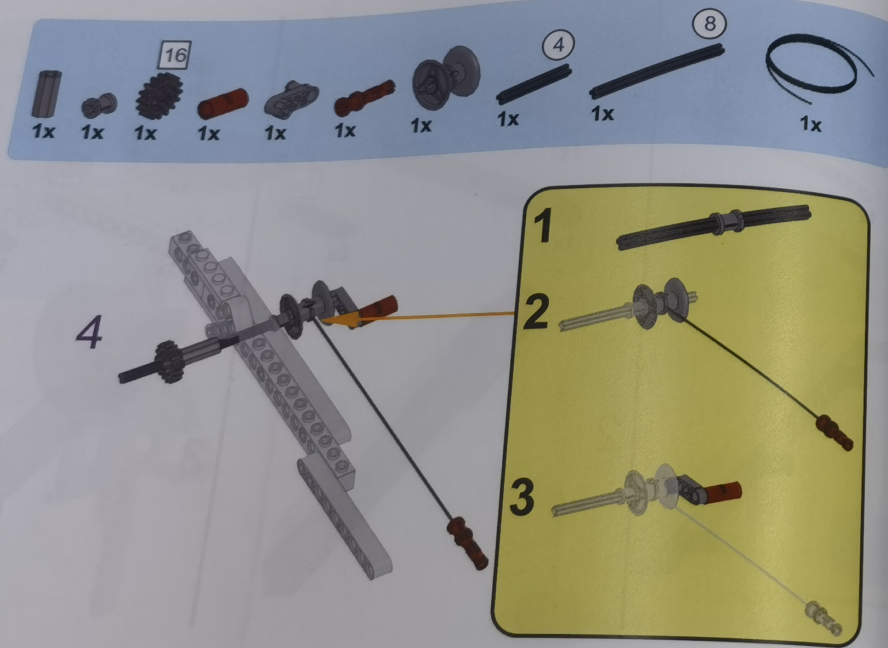


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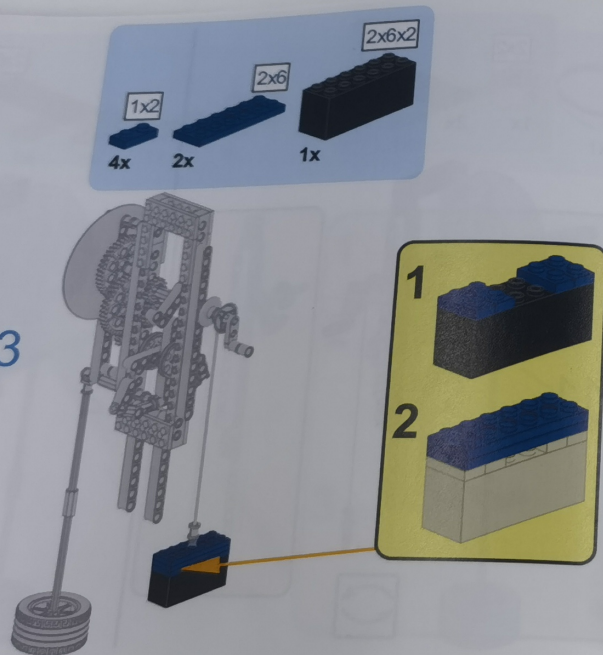


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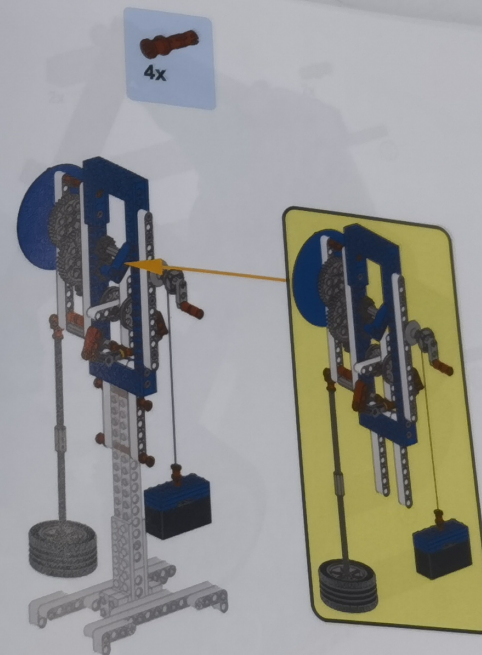


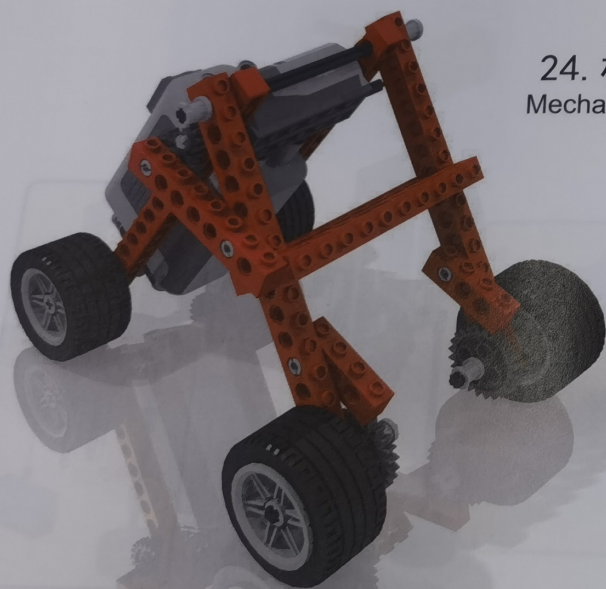


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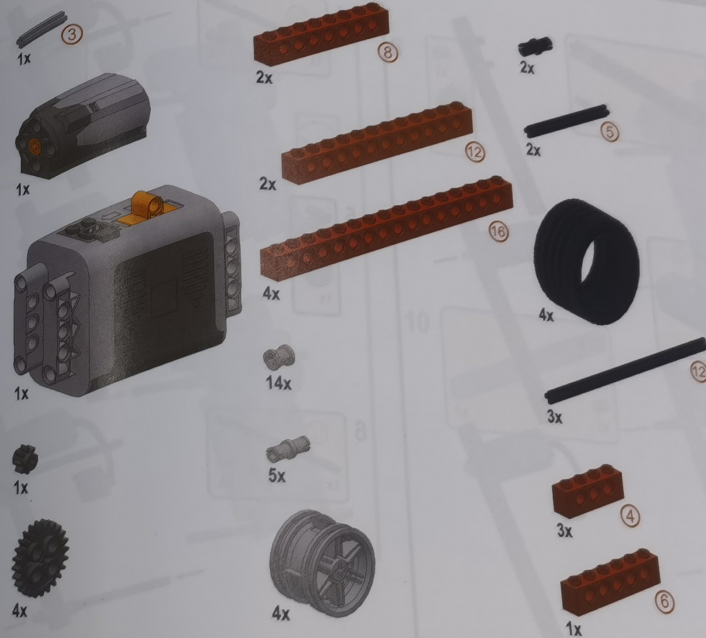
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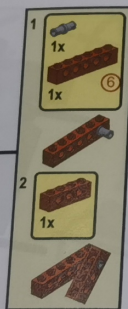
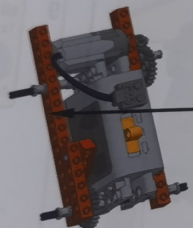


24. 机械尺蠖

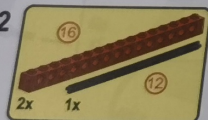
Mechanical inchworm



11

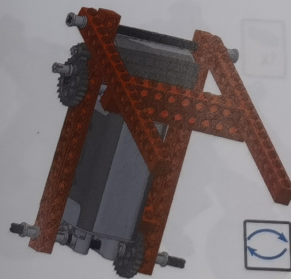
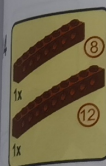


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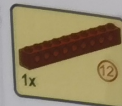


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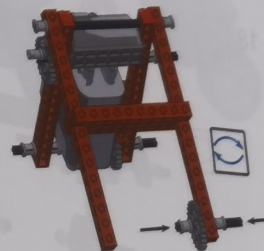
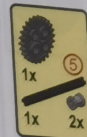
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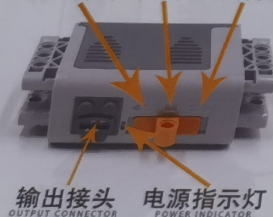


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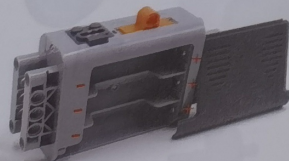
154

POSITIVE OPEN SHUT DOWN REVERSE OPEN
正向打开 关闭 反向打开



输出接头 电源指示灯
OUTPUT CONNECTOR POWER INDICATOR

注意电池正负极
NOTE BATTERY POSITIVE AND NEGATIVE



滑开两侧电池盖，装入6节5号电池
SLIDE OFF COVER BOTH SIDES, LOAD INTO 6 AA BATTERIES

电池盒连接接收器，
接收器连接多个马达
BATTERY BOX CONNECTED TO RECEIVER
WHICH CONNECTED MULTIPLE MOTORS

5号电池盒
AA BATTERY BOX

中号马达 2.4G接收器 伺服转向马达
M MOTOR 2.4G RECEIVER UNIT SERVO MOTOR

INVERSION SWITCH FORWARD / STOP / BACKWARD
转向切换 正转/停止/反转



频率切换
FREQUENCY SWITCH

遥控器和接收器的频率档位需要匹配
FREQUENCY OF CONTROL AND RECEIVER MUST MATCH

注意电池正负极
NOTE BATTERY POSITIVE AND NEGATIVE



使用十字螺丝刀打开电池盖，
装入3节七号电池
USE A PHILLIPS SCREWDRIVER TO OPEN THE
BATTERY COVER, LOAD INTO 3 AAA BATTERIES

注：请根据需求另外选购遥控器接收器伺服转向马达。

NOTE: PLEASE PURCHASE THE REMOTE CONTROL RECEIVER
SERVO STEERING MOTOR BASED ON THE REQUIREMENTS.

积木零件比例表

2 (1.6cm)	15
3 (2.4cm)	13
4 (3.2cm)	11
5 (4cm)	7
7 (5.6cm)	5
10 (8cm)	3
12 (9.6cm)	
3 (2.4cm)	8 (6.3cm)
4 (3.2cm)	

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