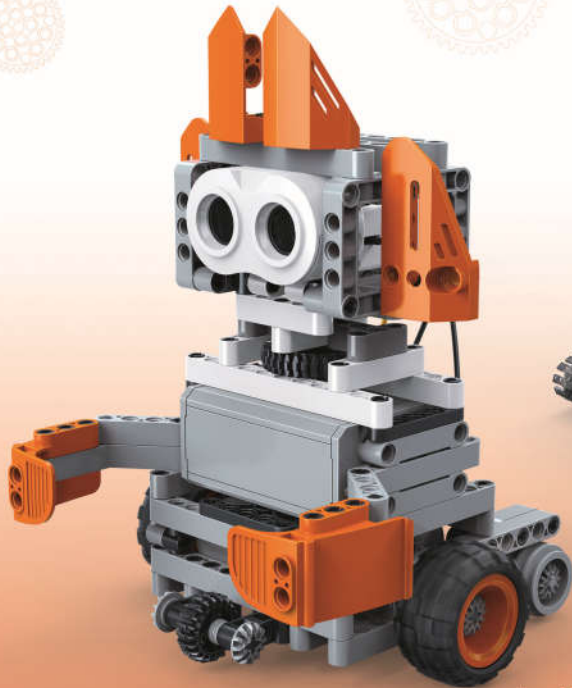


BanBao®
6917

**Science
Education**
— Ultrasonic wave
obstacle avoidance robot —



Iron Man



Source code

Mechanical war police



Mech Warrior



Armour warrior



Hunter



Catalog

Iron Man.....1-14

Mech Warrior.....15-27

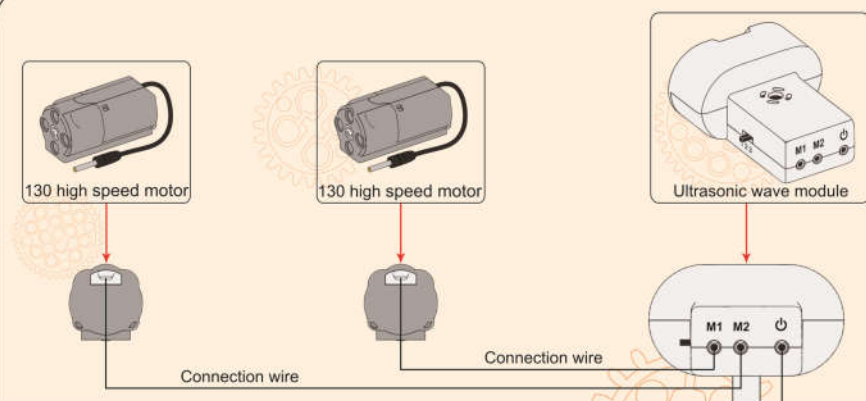
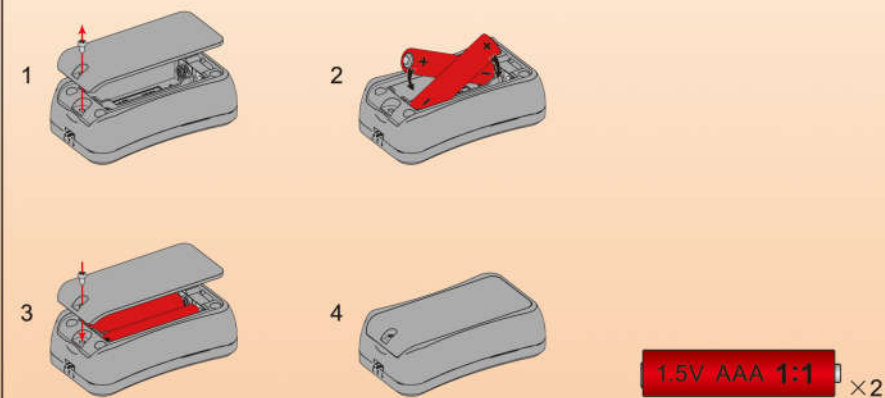
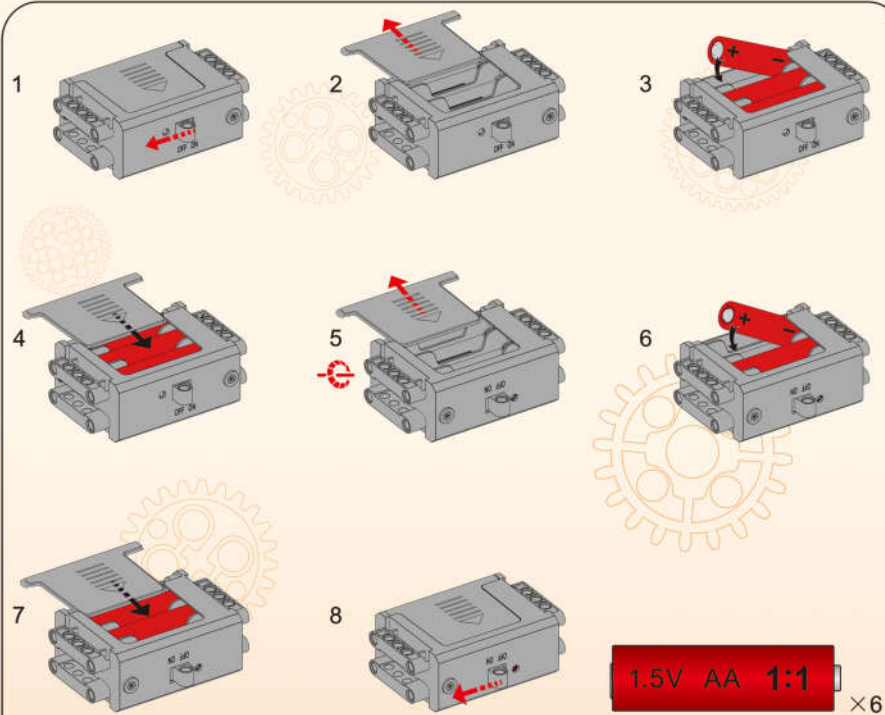
Mechanical war police.....28-42

Armour warrior.....43-59

Source code.....60-76

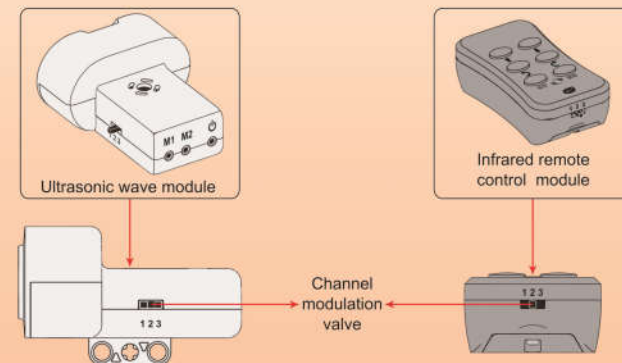
Hunter.....77-92





Kindly reminder:

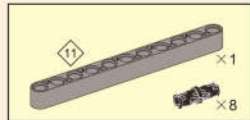
In the process of operation, please follow the correct connection instructions, and never connect the battery box with the high speed motor directly, so as to avoid the abnormal situation about function. After the model is used in the obstacle avoidance mode for a period of time, the obstacle avoidance function of the model is easy to be abnormal under the condition of insufficient power, switch to remote control mode at this time can continue to use for a period of time.



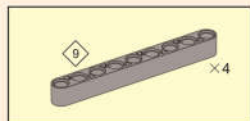
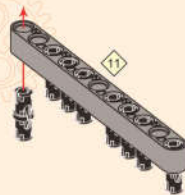
Cautions:

1. When each function module is connected, the infrared remote control module and ultrasonic wave module' channel modulation valve should be adjusted to the same channel, 1-1, 2-2, or 3-3.
2. Turn on the switch of 9V battery box, press the corresponding function button of the remote control module to do a functional test
3. Three channels don't interfere with each other, so three models can play games at the same time.

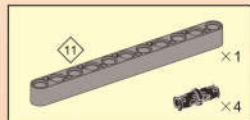
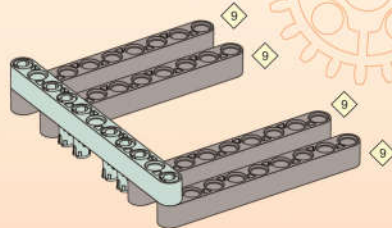
Iron Man



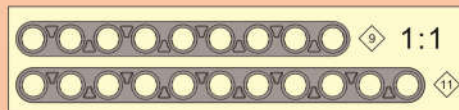
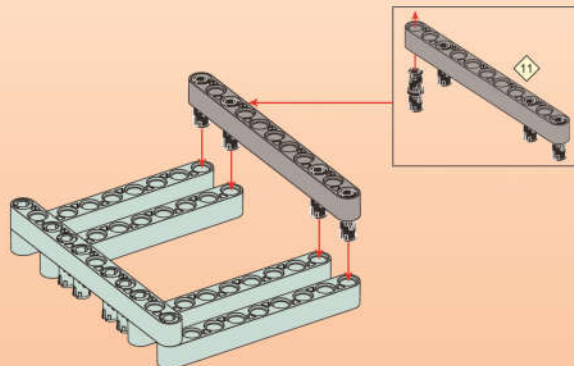
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2



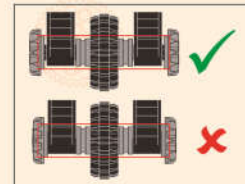
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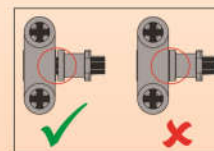
• 1 •



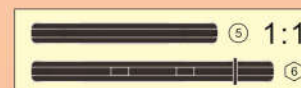
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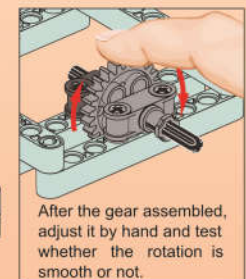
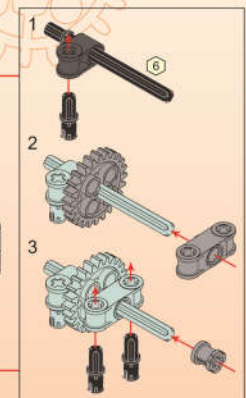
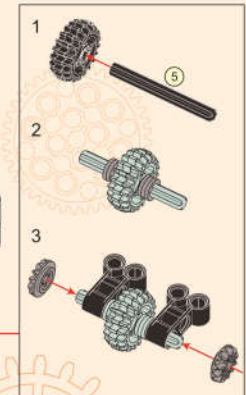
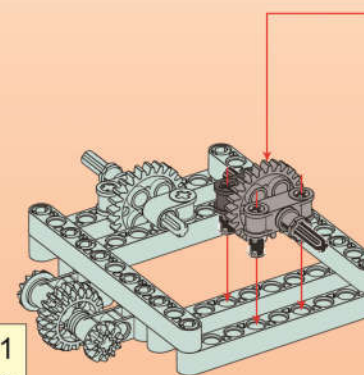
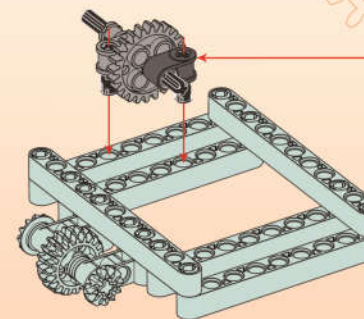
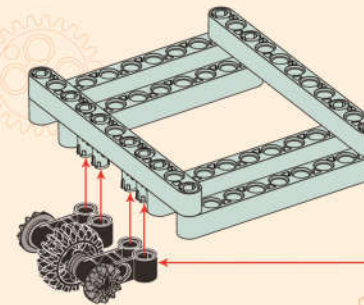
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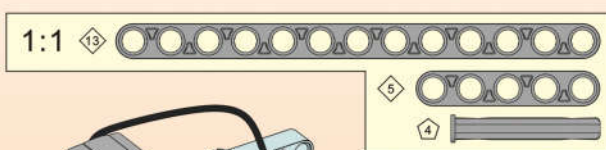
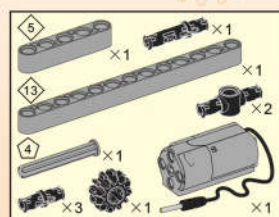
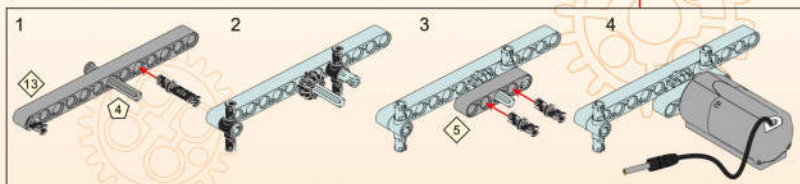
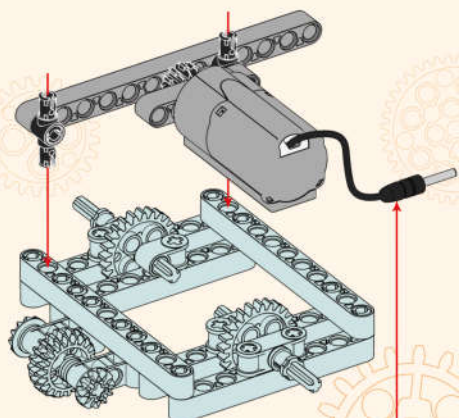


• 2 •

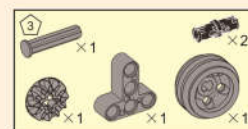
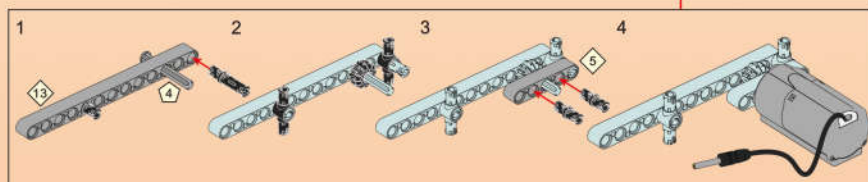
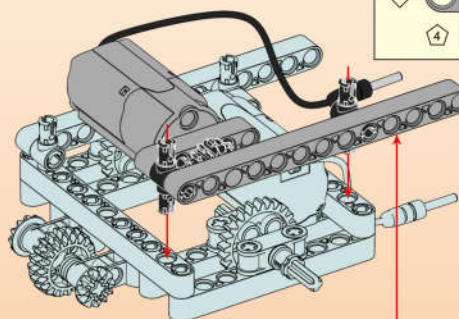


After the gear assembled, adjust it by hand and test whether the rotation is smooth or not.

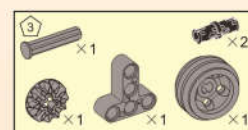
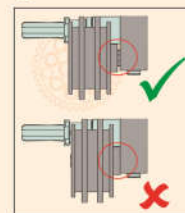
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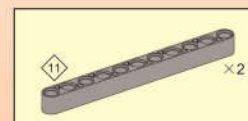
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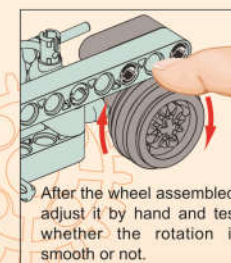
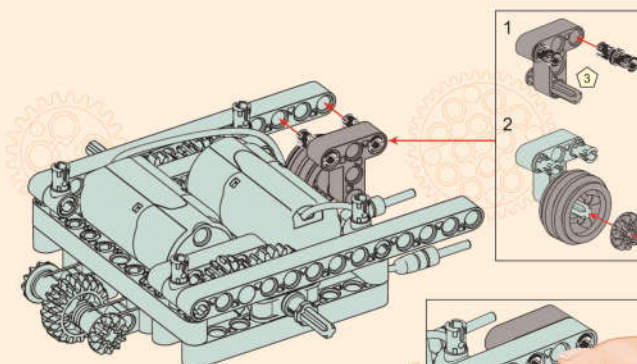
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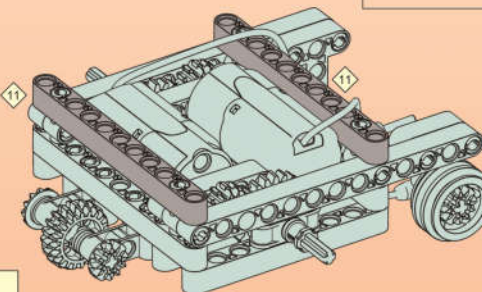
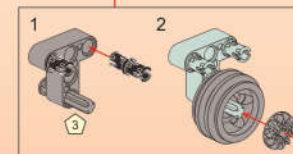
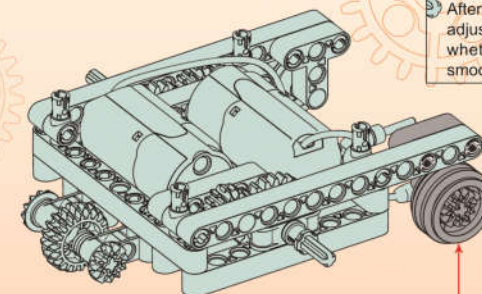
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11

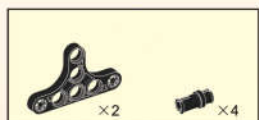


After the wheel assembled, adjust it by hand and test whether the rotation is smooth or not.

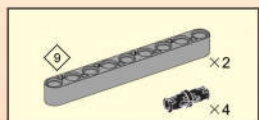




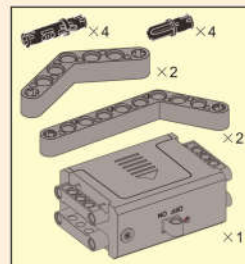
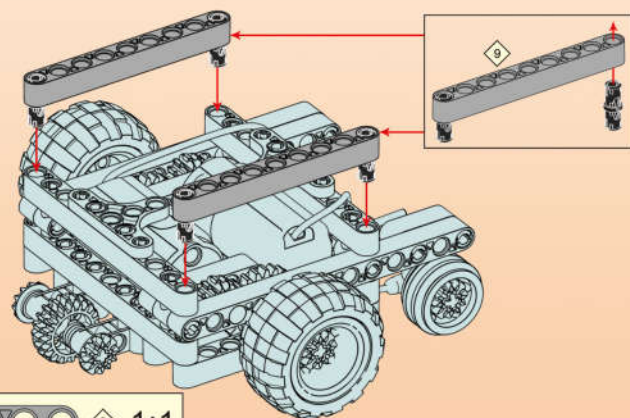
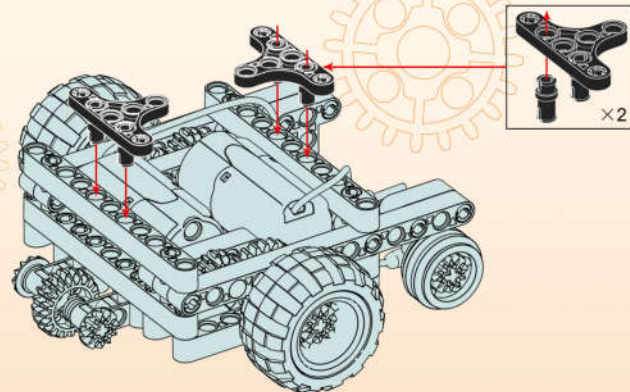
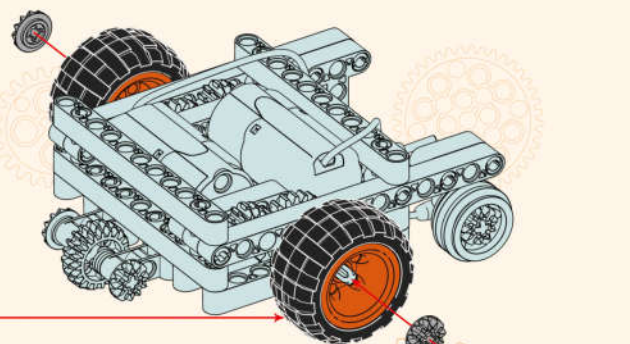
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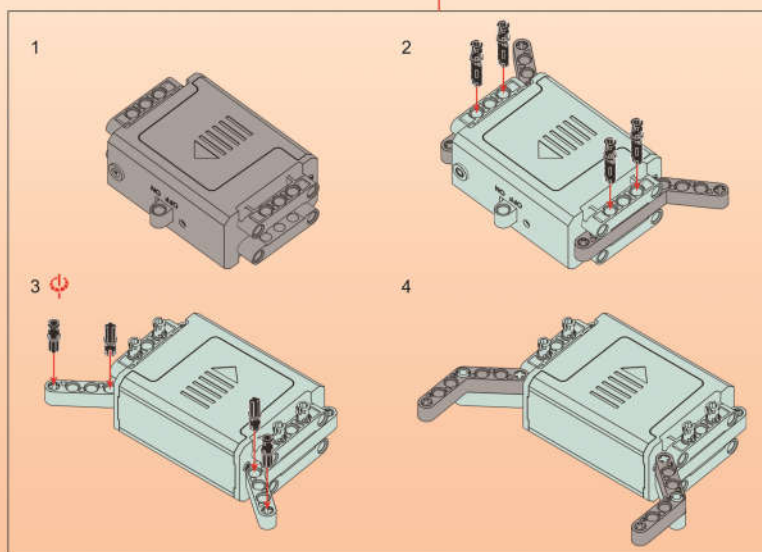
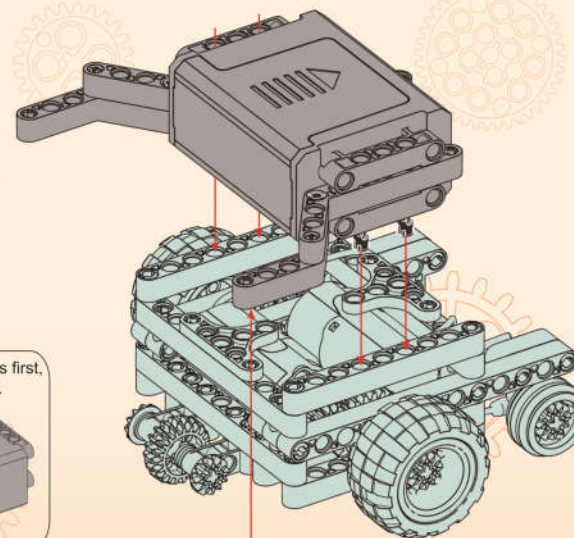


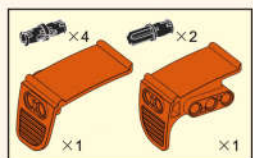
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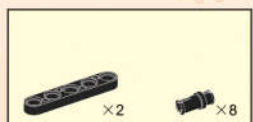
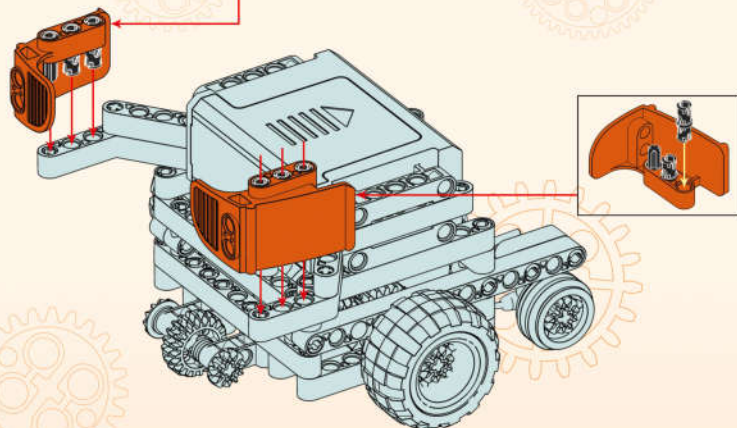
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Please install 6 batteries first,
and then build by steps.

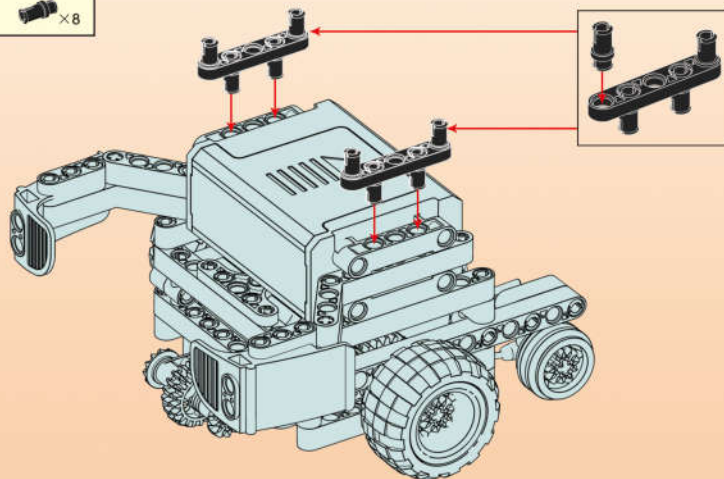




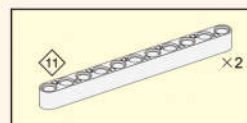
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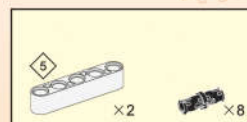
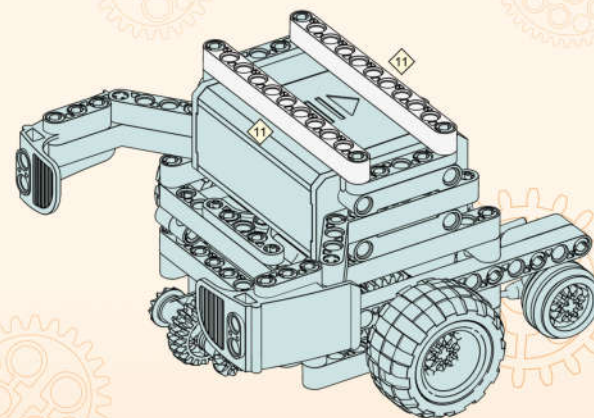
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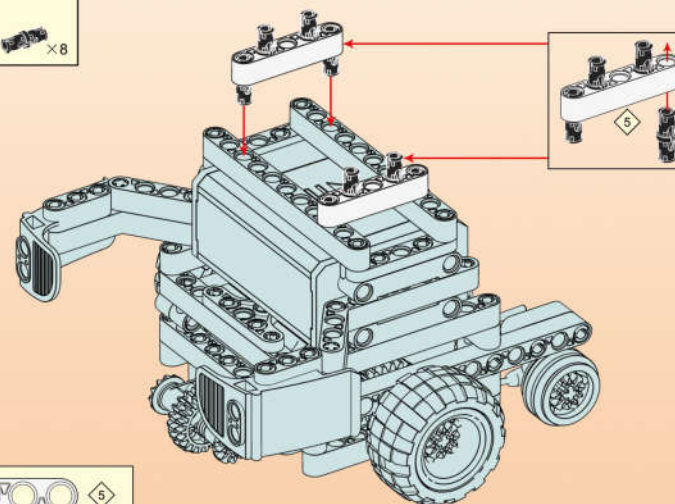
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18

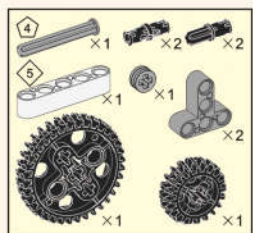


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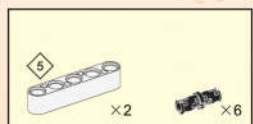
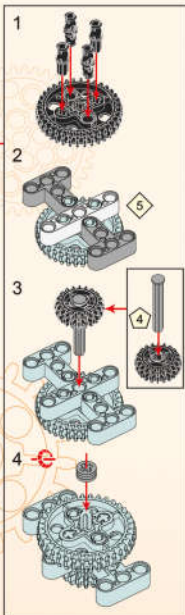
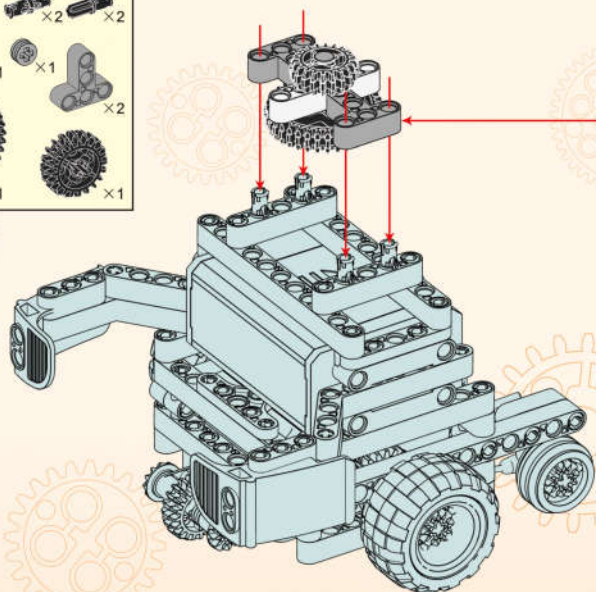


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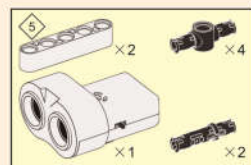
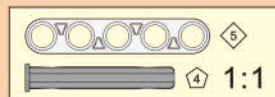
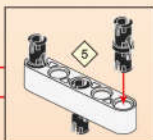
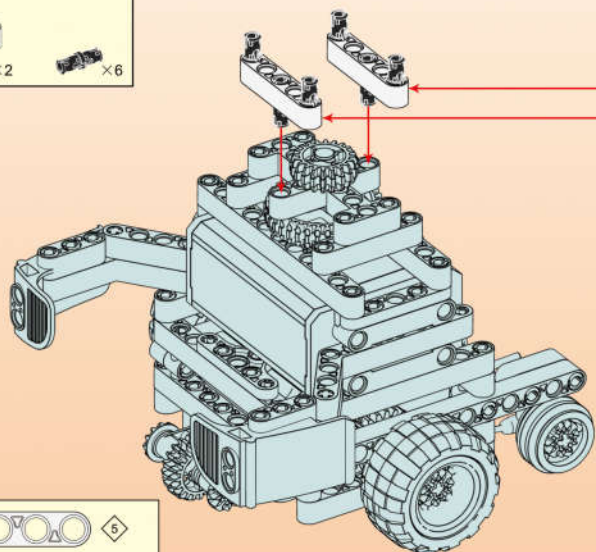
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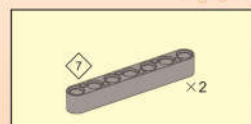
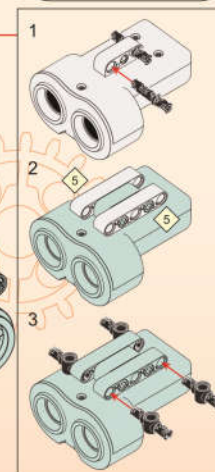
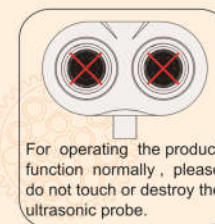
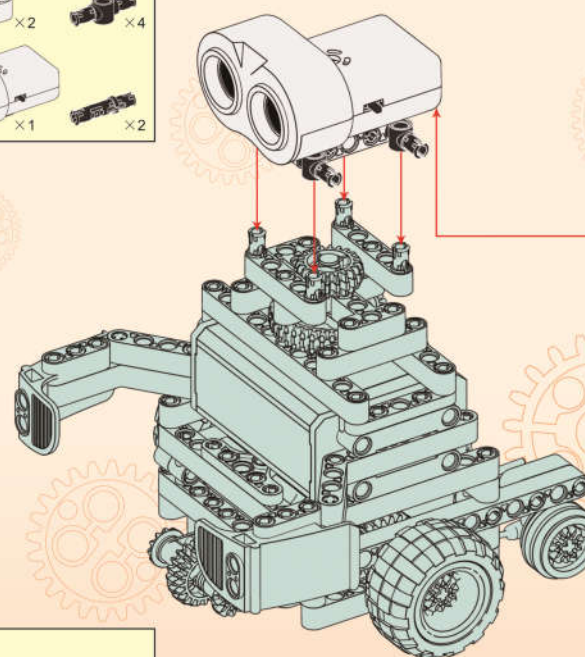
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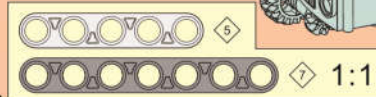
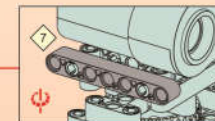
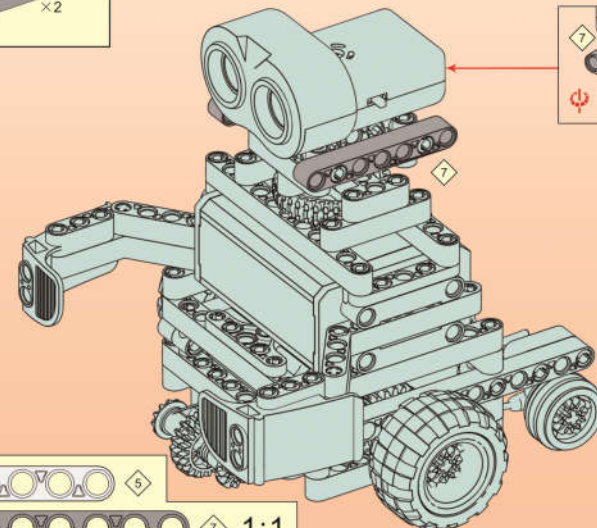
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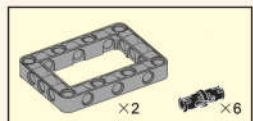


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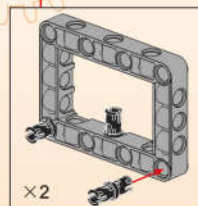
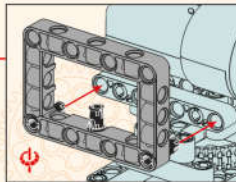
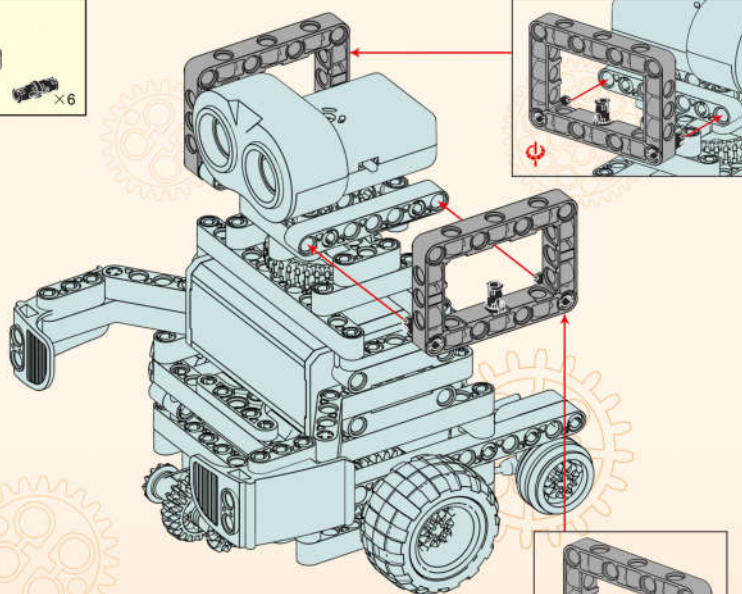


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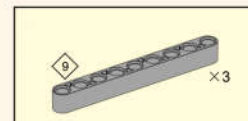
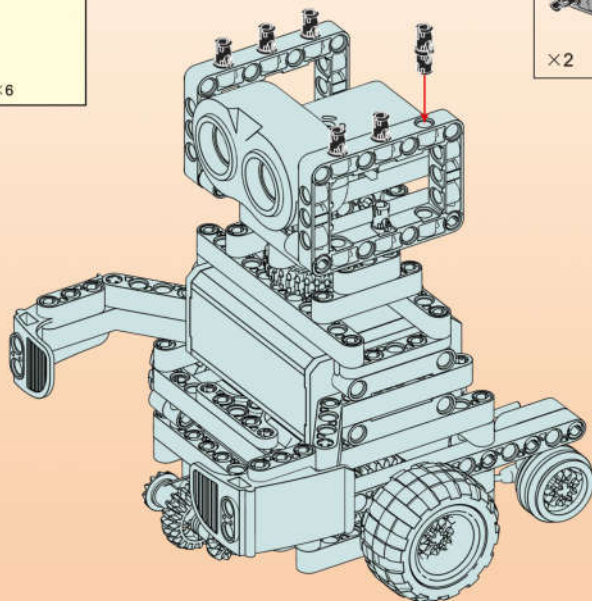




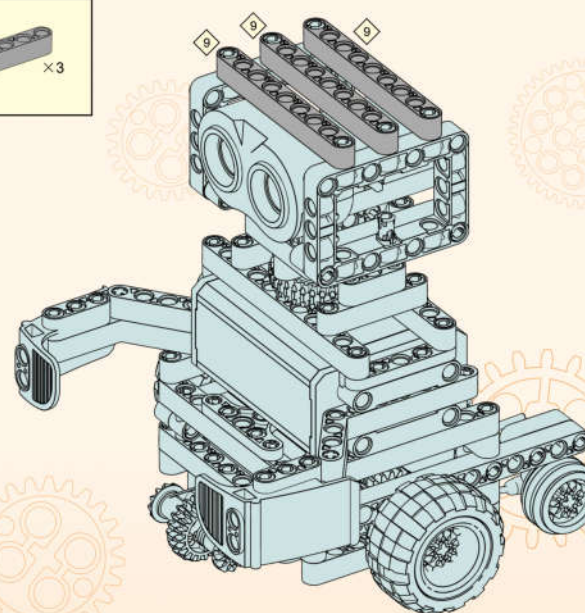
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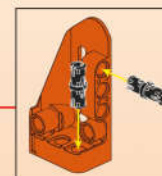
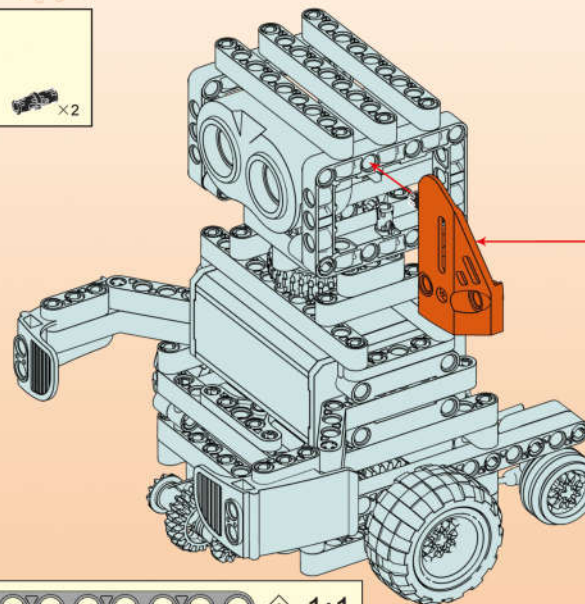
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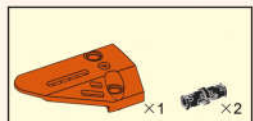


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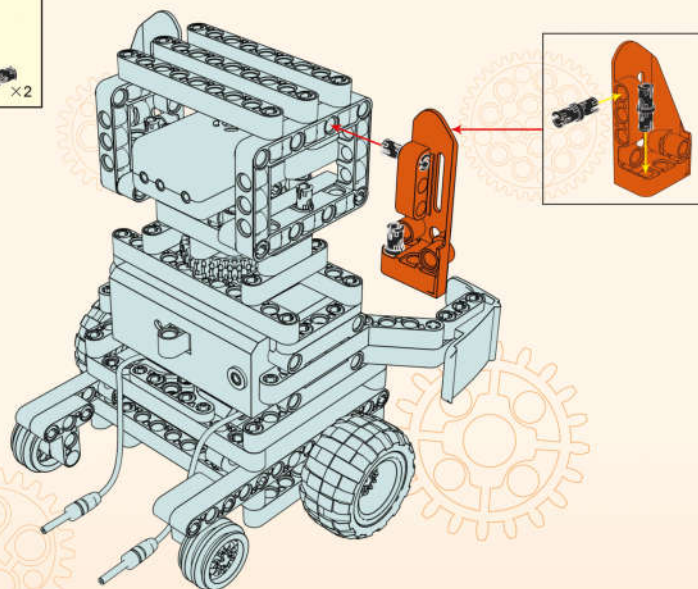


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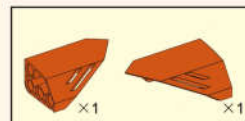
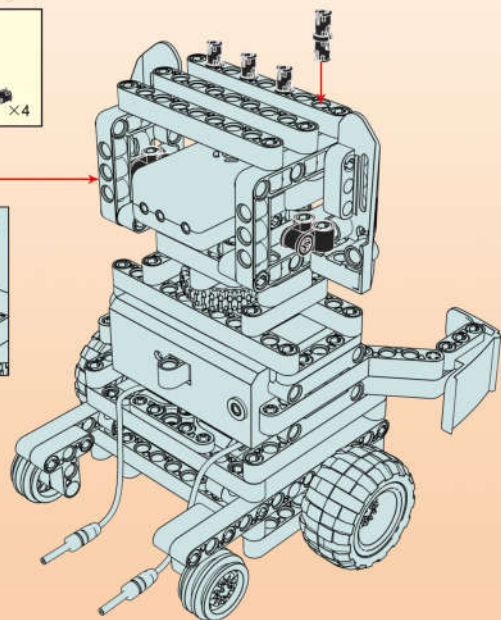
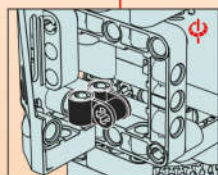




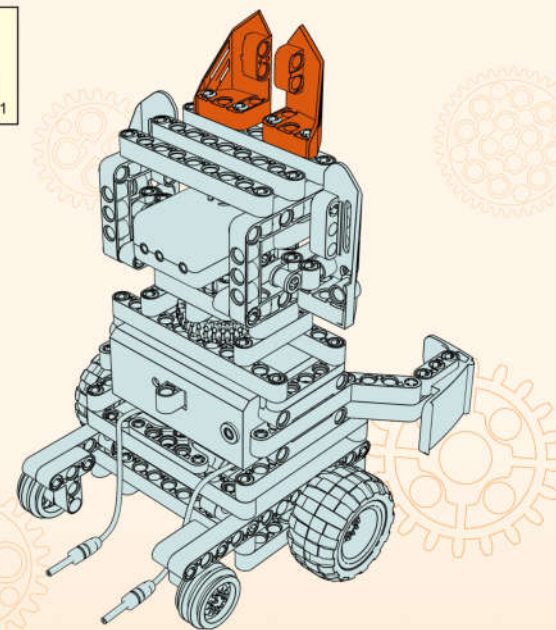
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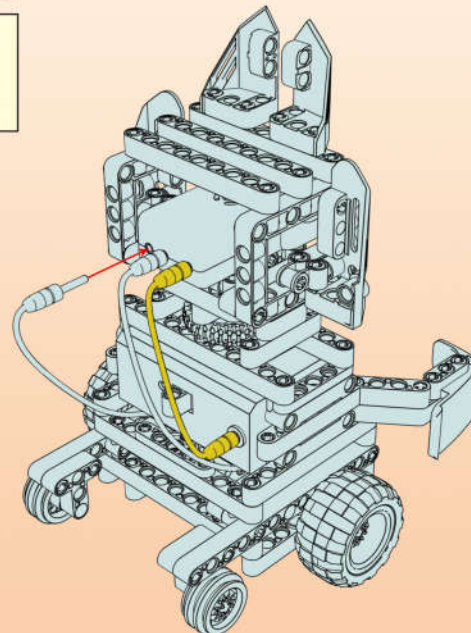
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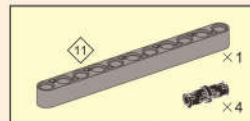
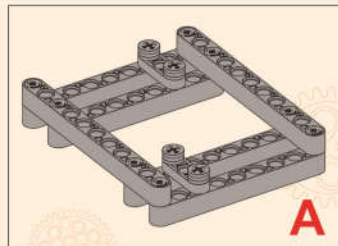
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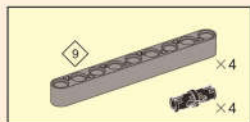
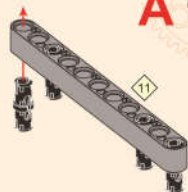
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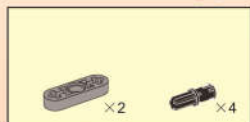
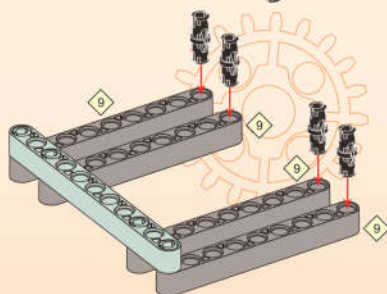
Mech Warrior



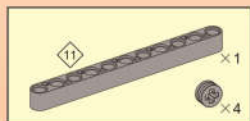
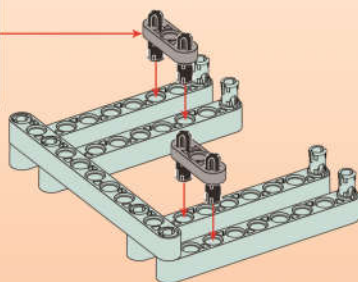
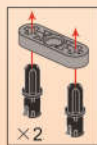
A 1



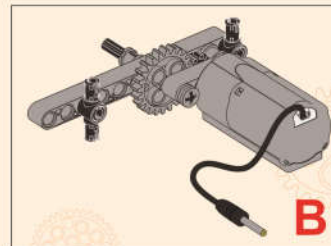
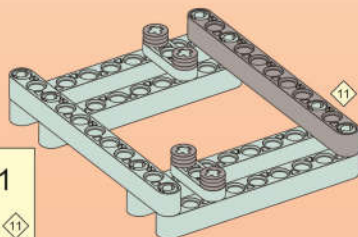
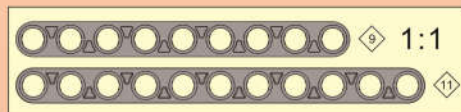
2



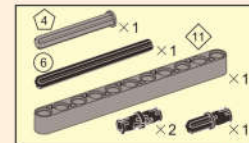
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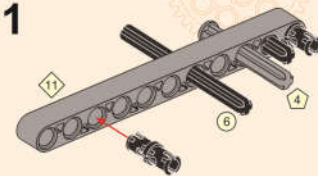
4



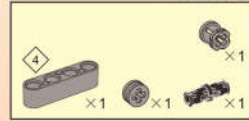
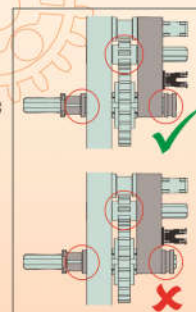
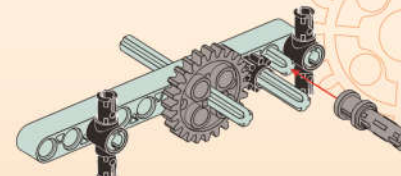
B



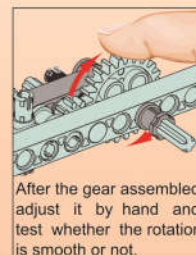
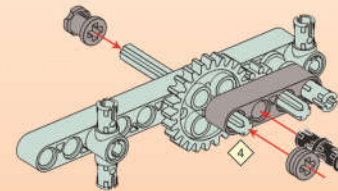
B 1



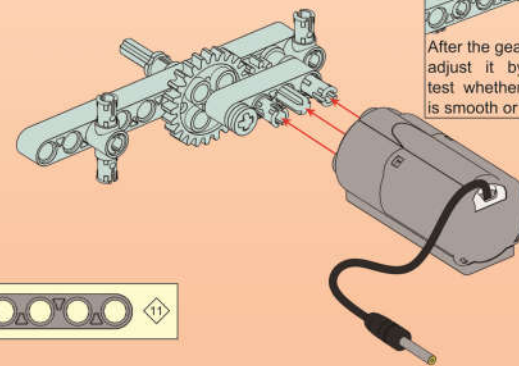
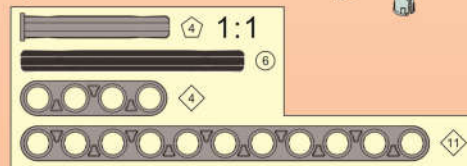
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3

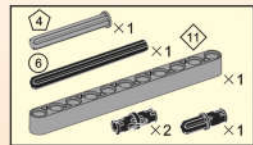
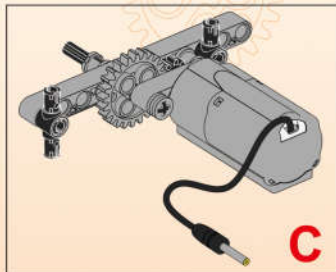
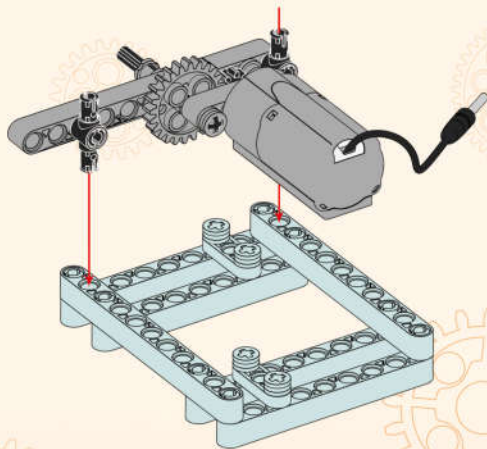


4

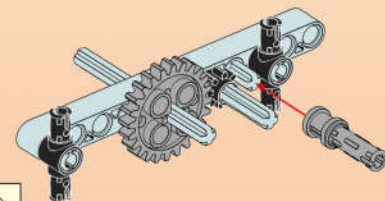
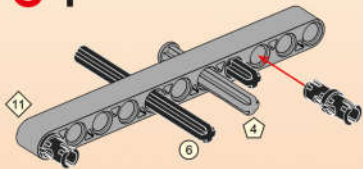


After the gear assembled, adjust it by hand and test whether the rotation is smooth or not.

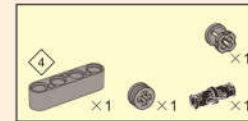
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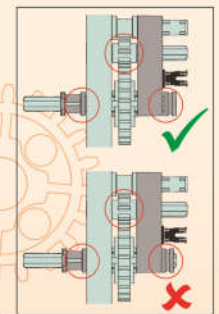
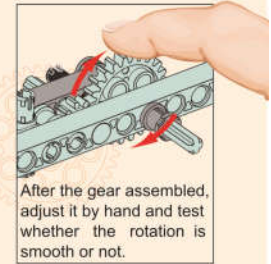
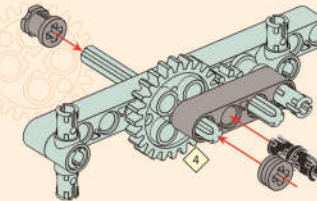
C 1



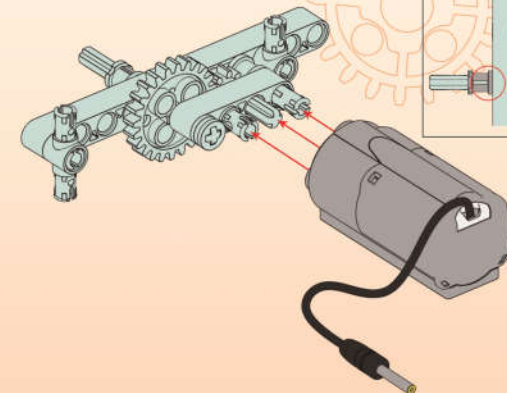
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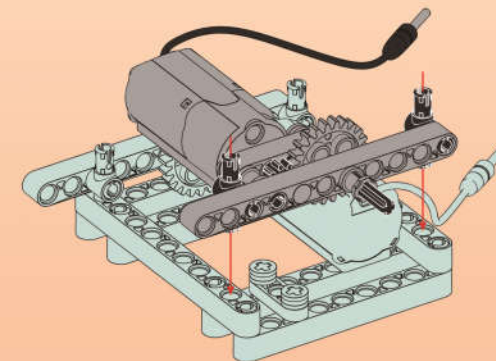
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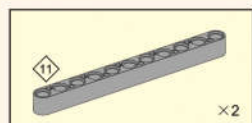


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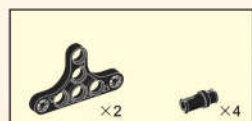
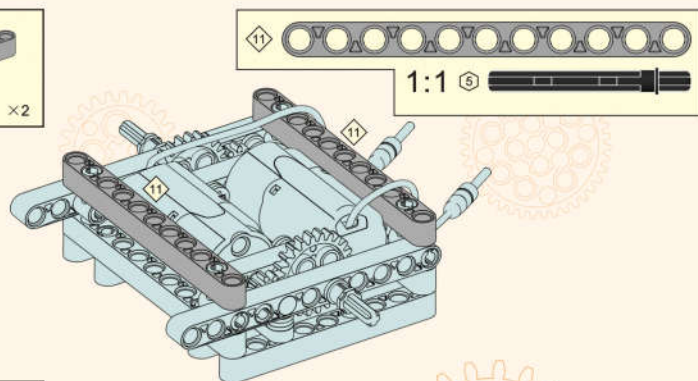


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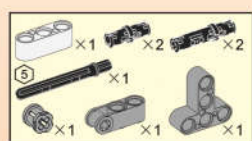
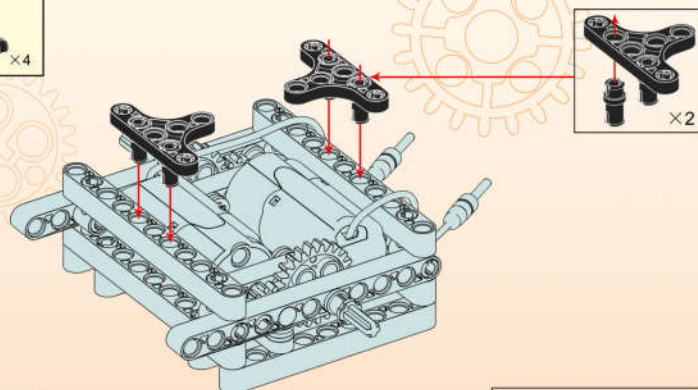




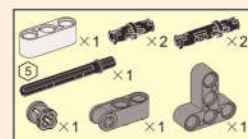
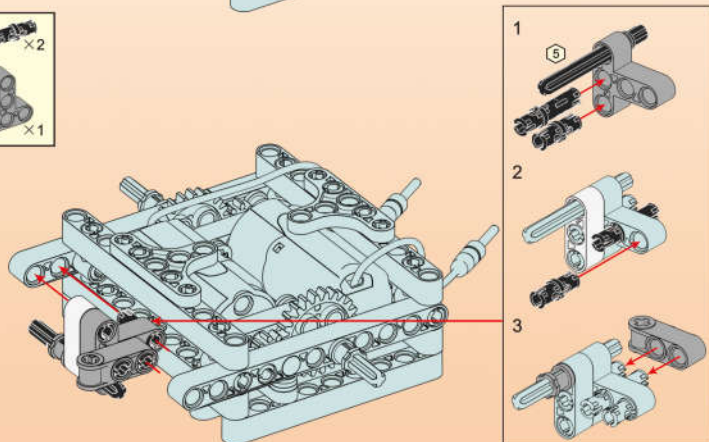
6



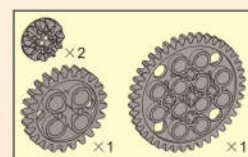
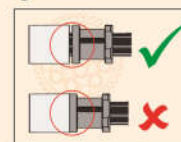
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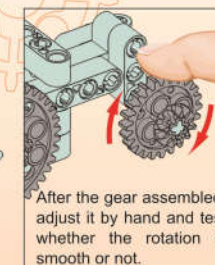
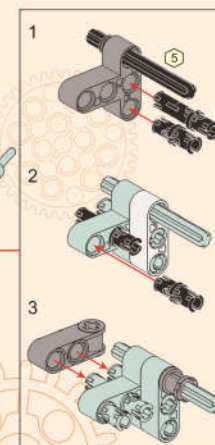
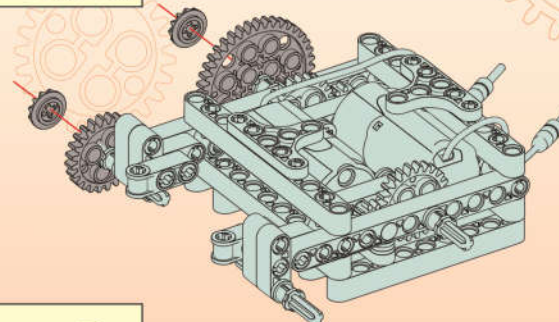
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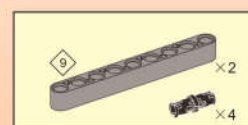
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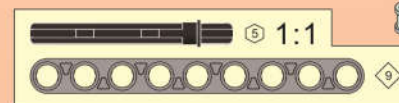
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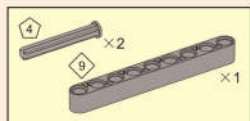


After the gear assembled, adjust it by hand and test whether the rotation is smooth or not.

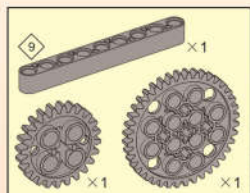
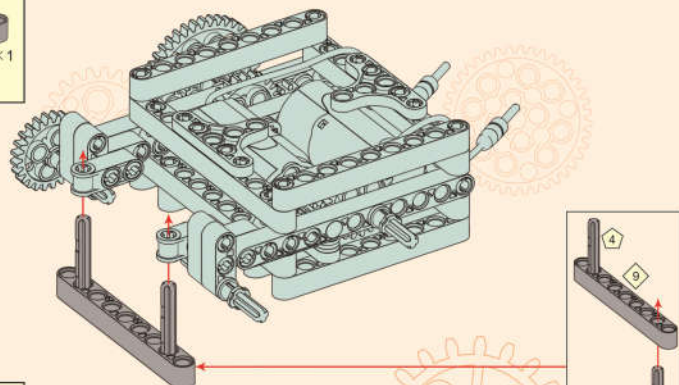


11

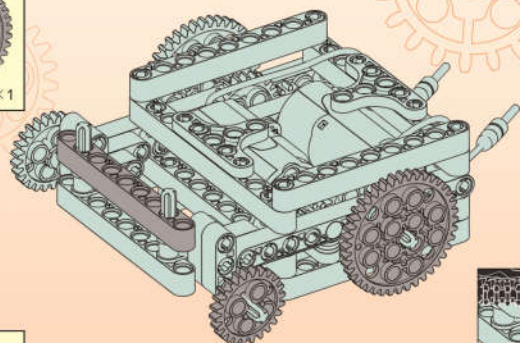




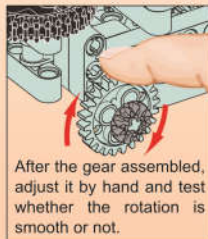
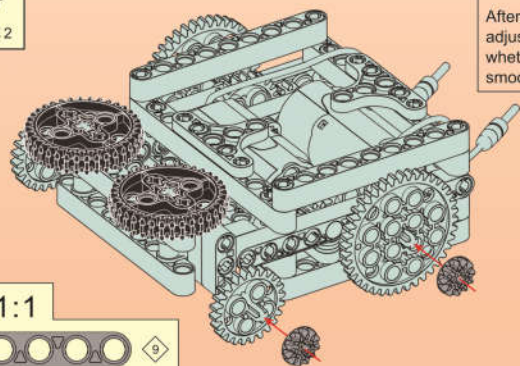
12



13



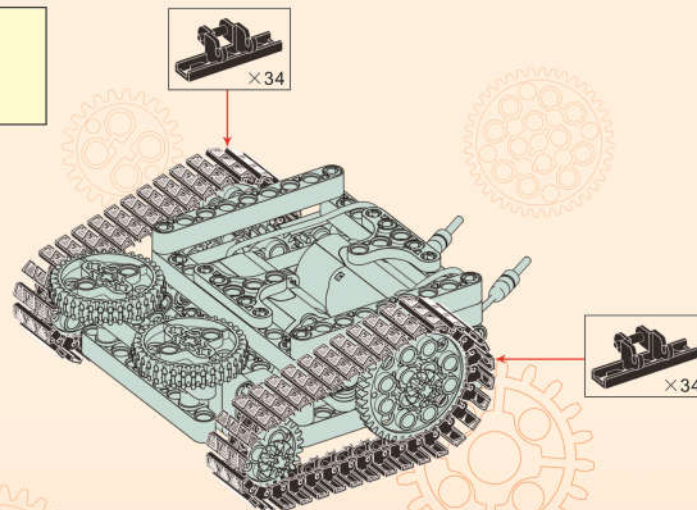
14



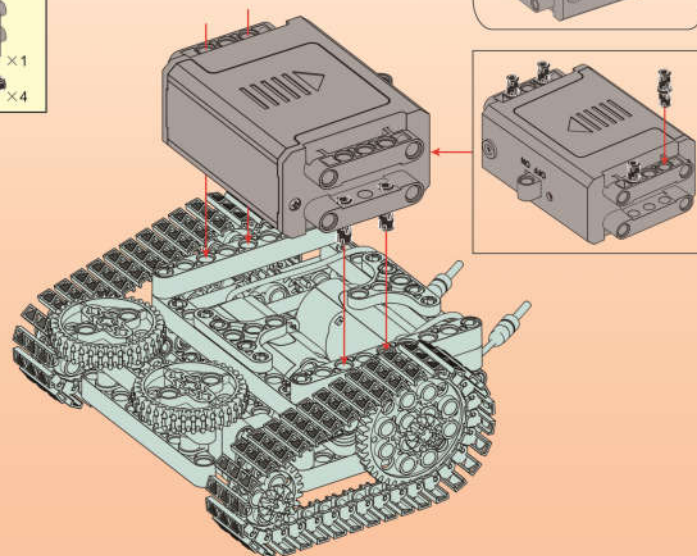
After the gear assembled, adjust it by hand and test whether the rotation is smooth or not.



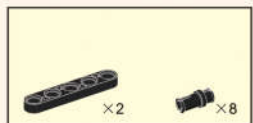
15



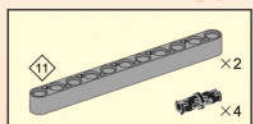
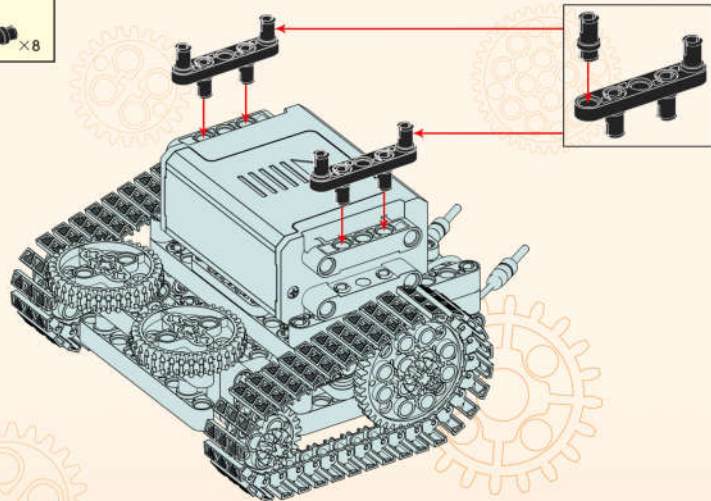
16



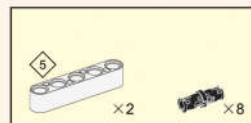
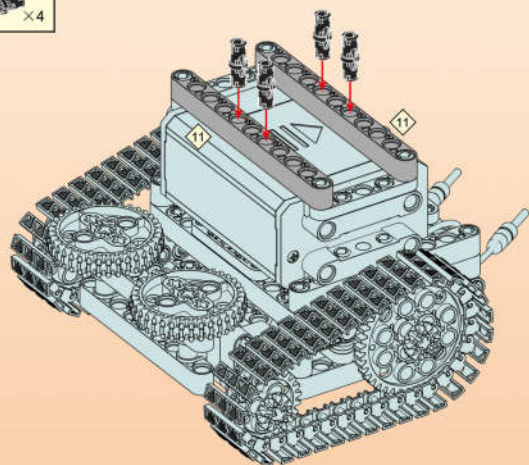
Please install 6 batteries first, and then build by steps.



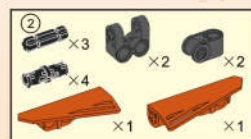
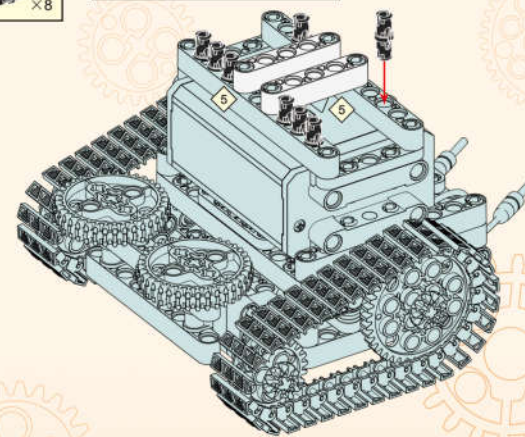
17



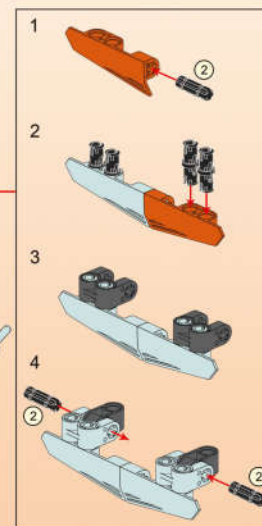
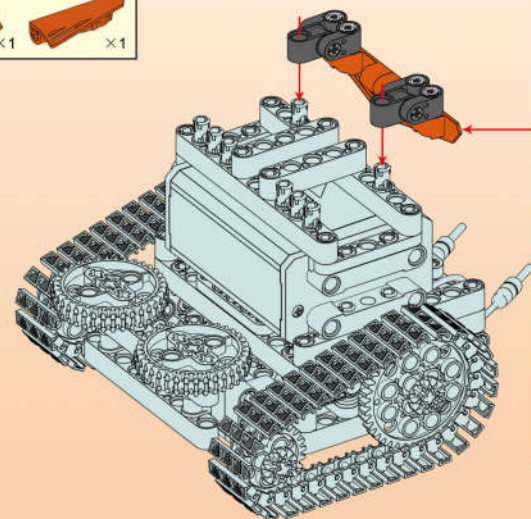
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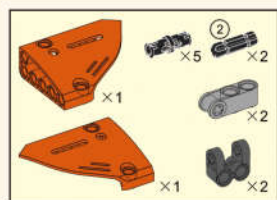


19

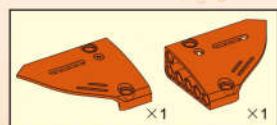
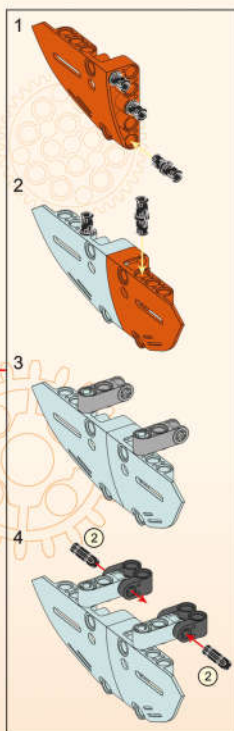
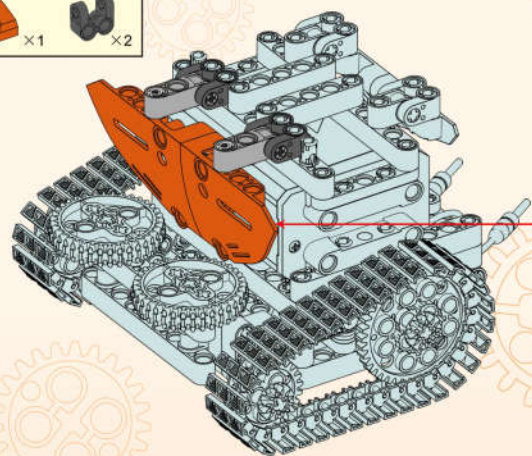


20

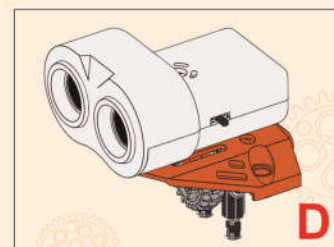
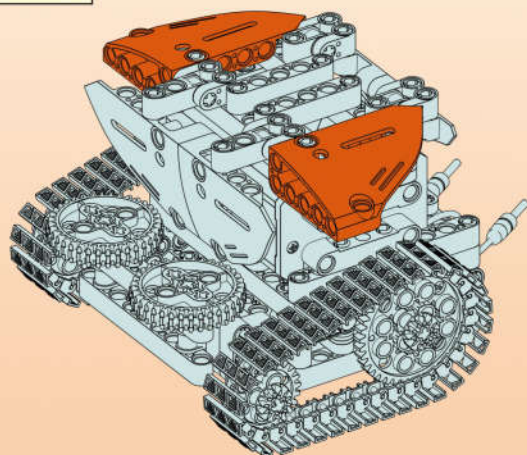




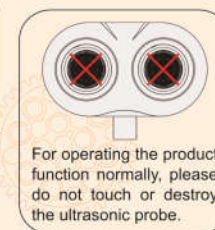
21



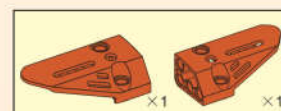
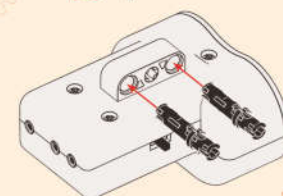
22



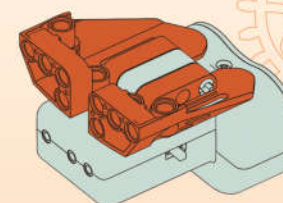
D 1



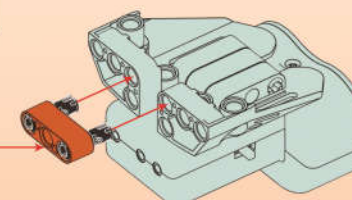
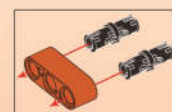
For operating the product function normally, please do not touch or destroy the ultrasonic probe.



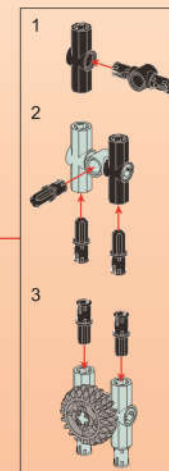
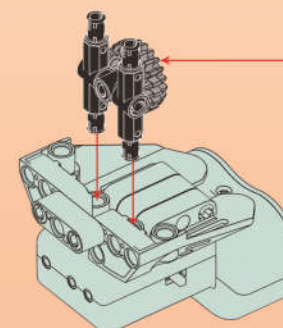
2



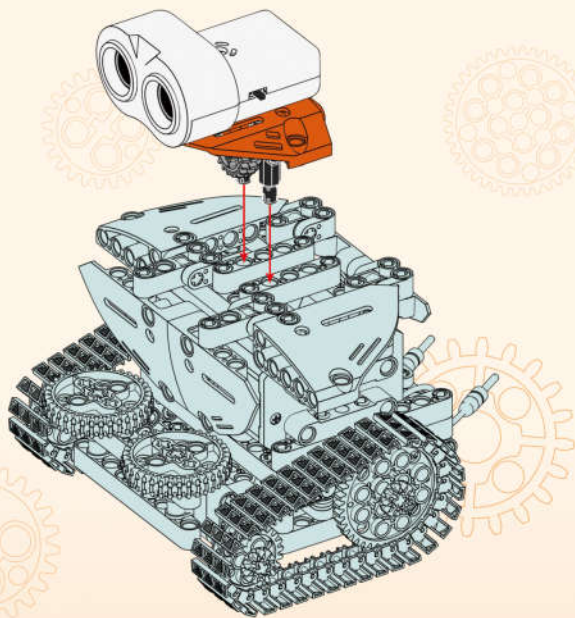
3



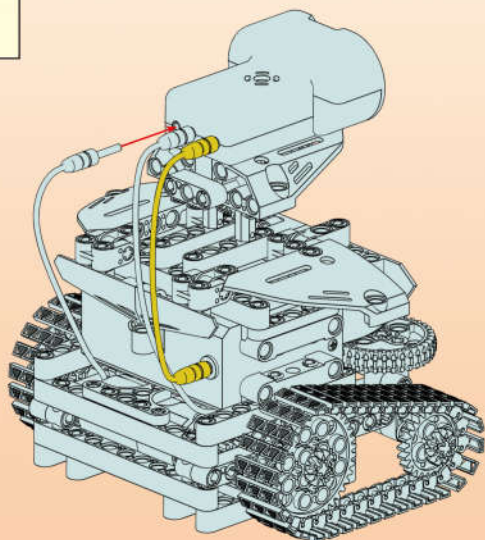
4



5

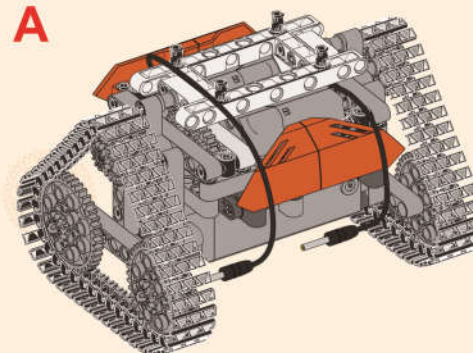


6

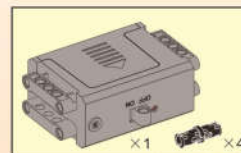
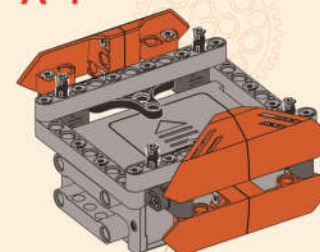


Mechanical war

A

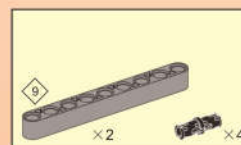
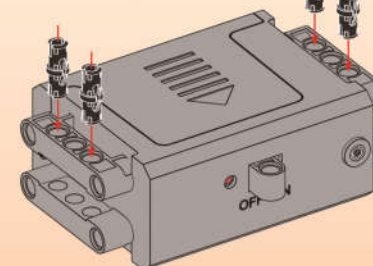
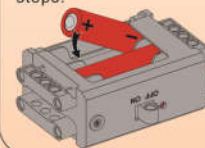


A-1

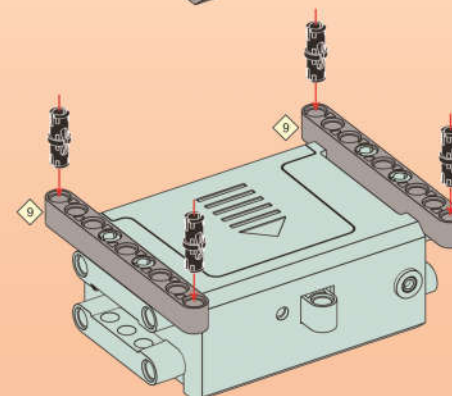


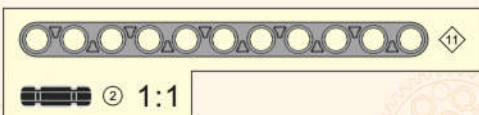
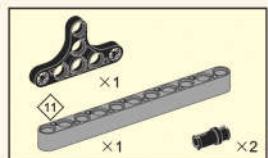
A-11

Please install 6 batteries first, and then build by steps.

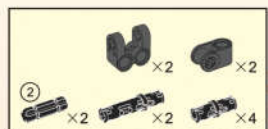
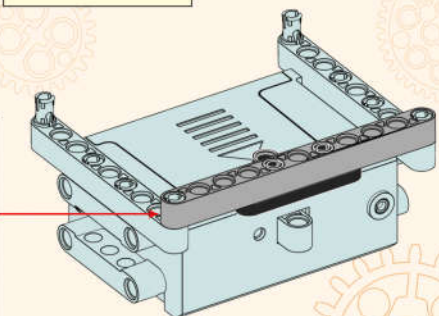
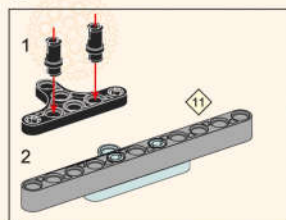


2

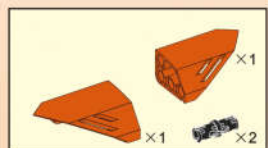
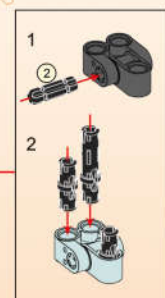
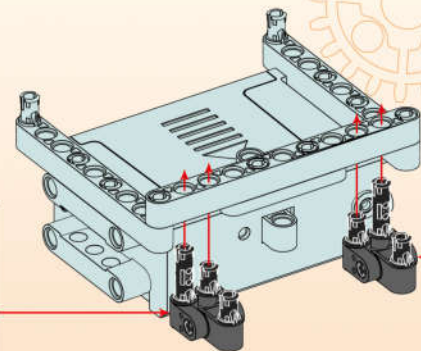
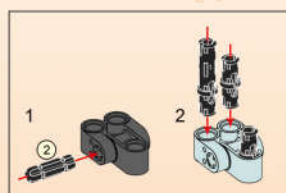




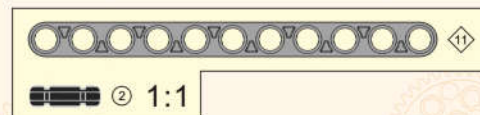
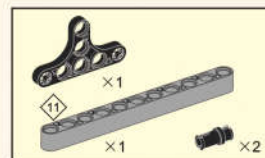
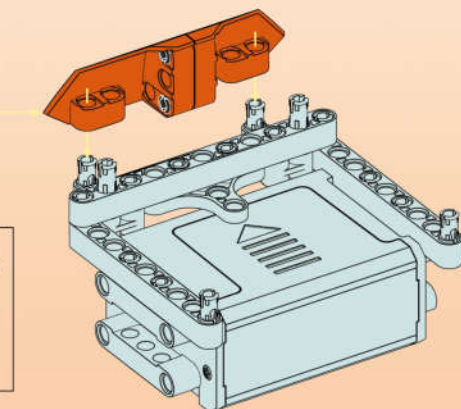
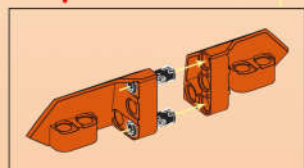
3



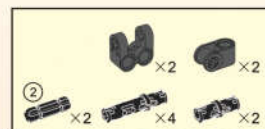
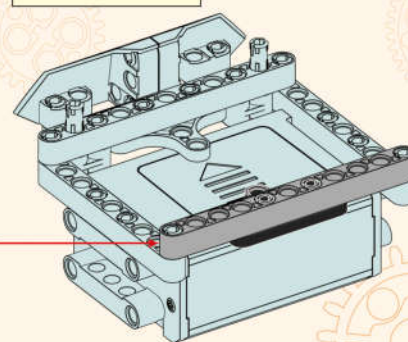
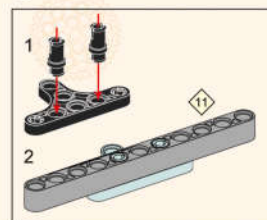
4



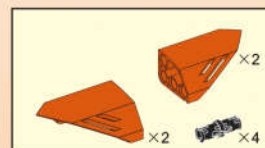
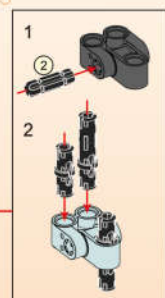
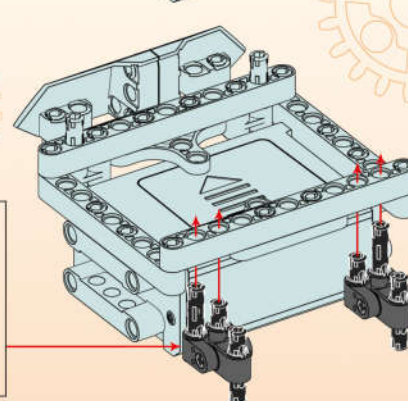
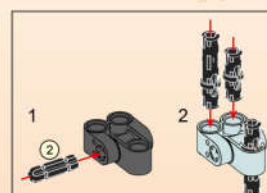
5



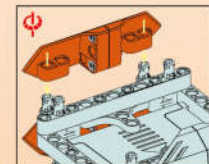
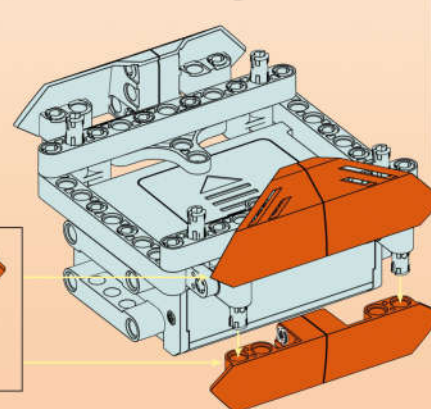
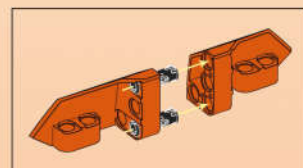
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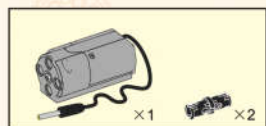
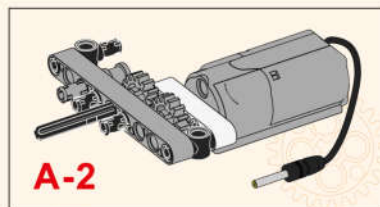


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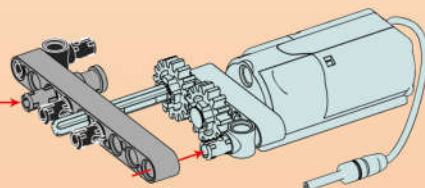
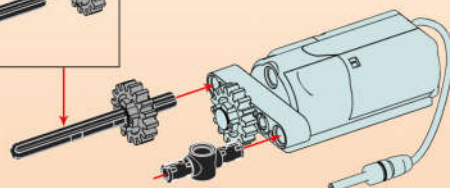
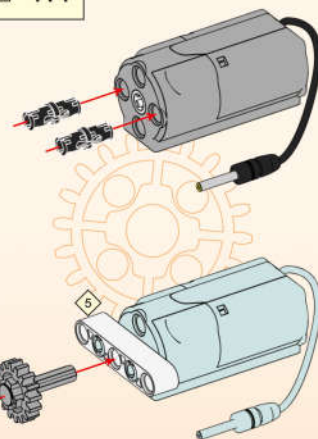
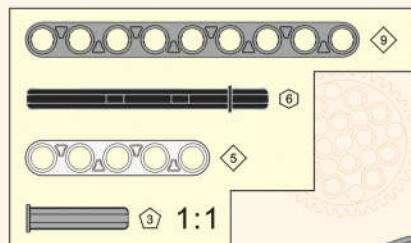
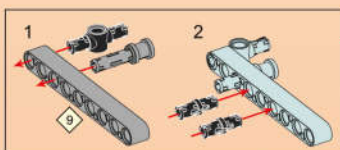
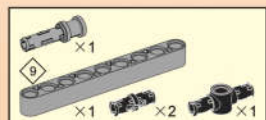
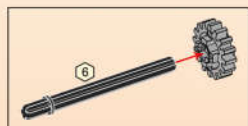
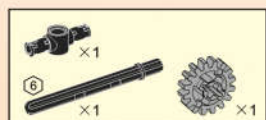
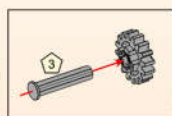
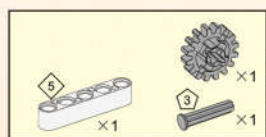


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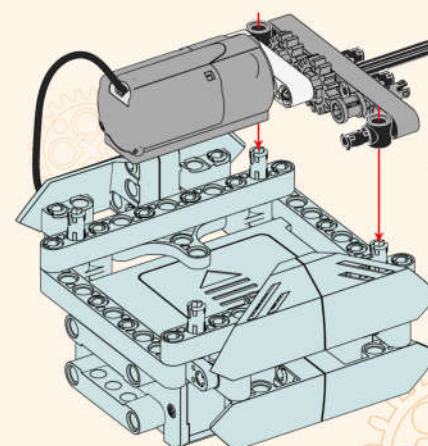




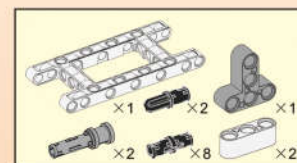
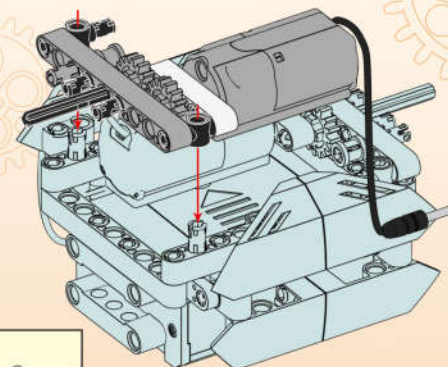
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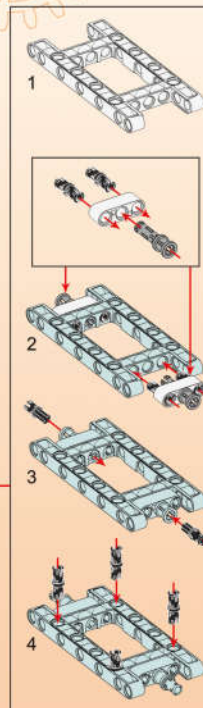
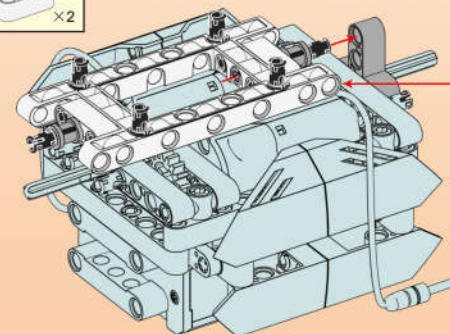
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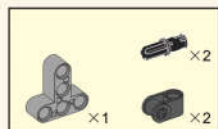


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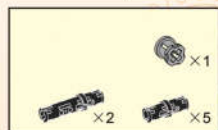
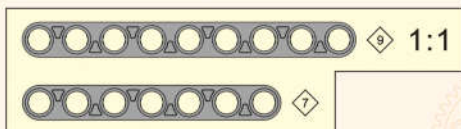


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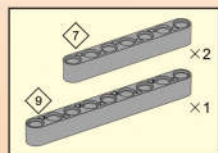




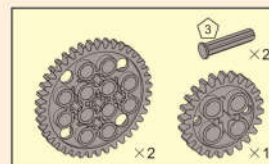
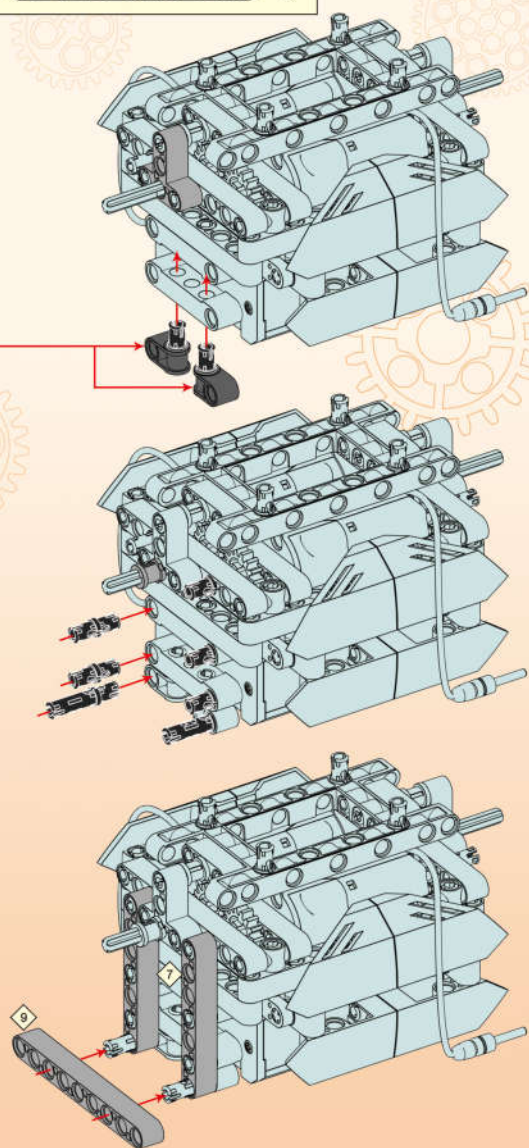
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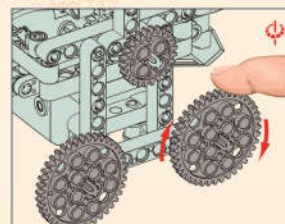
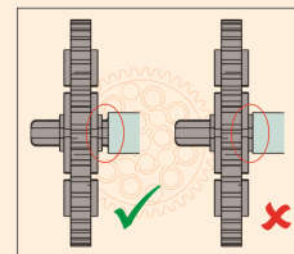
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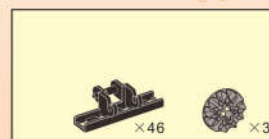
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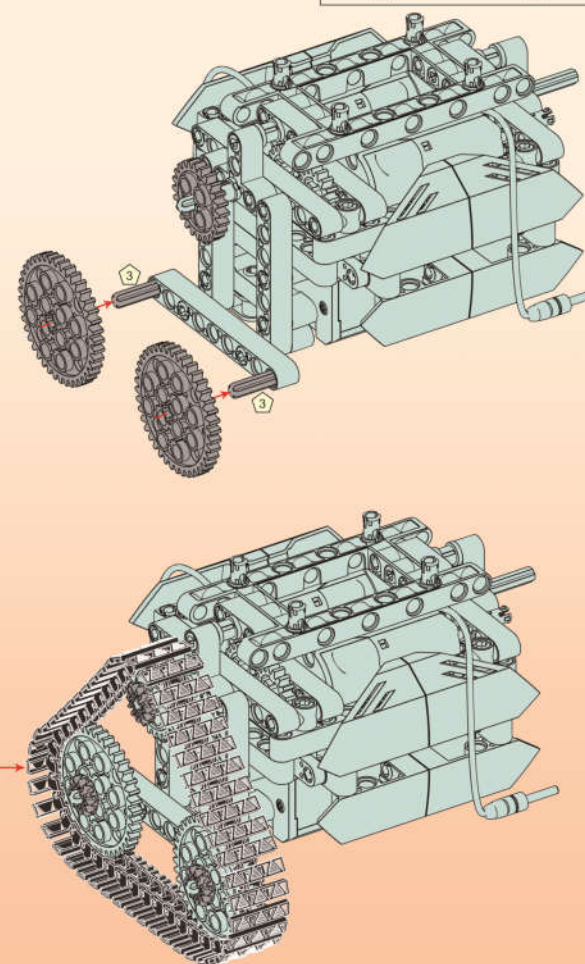
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After the gear assembled, adjust it by hand and test whether the rotation is smooth or not.

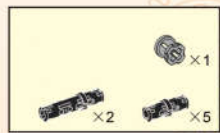
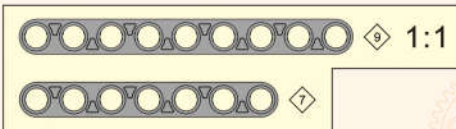


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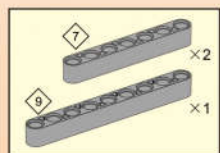




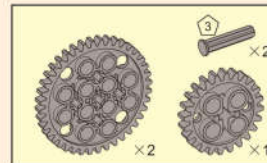
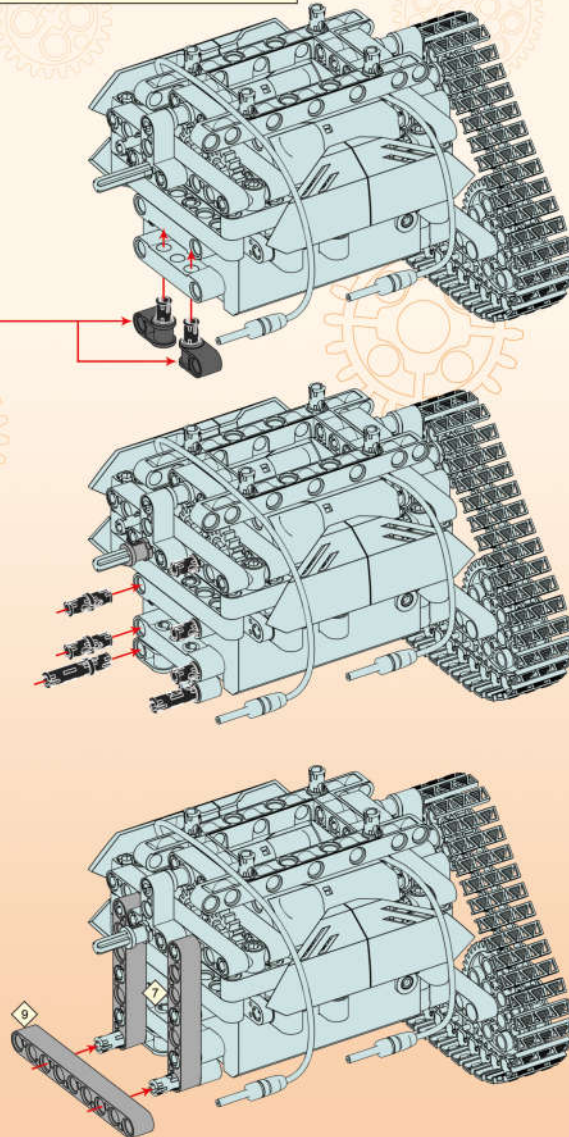
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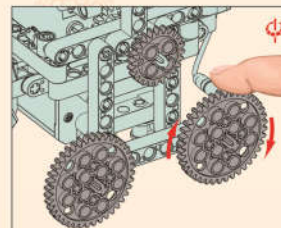
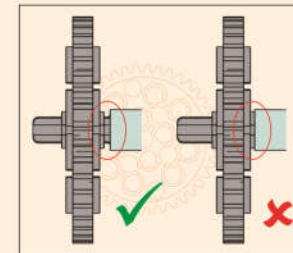
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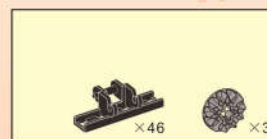
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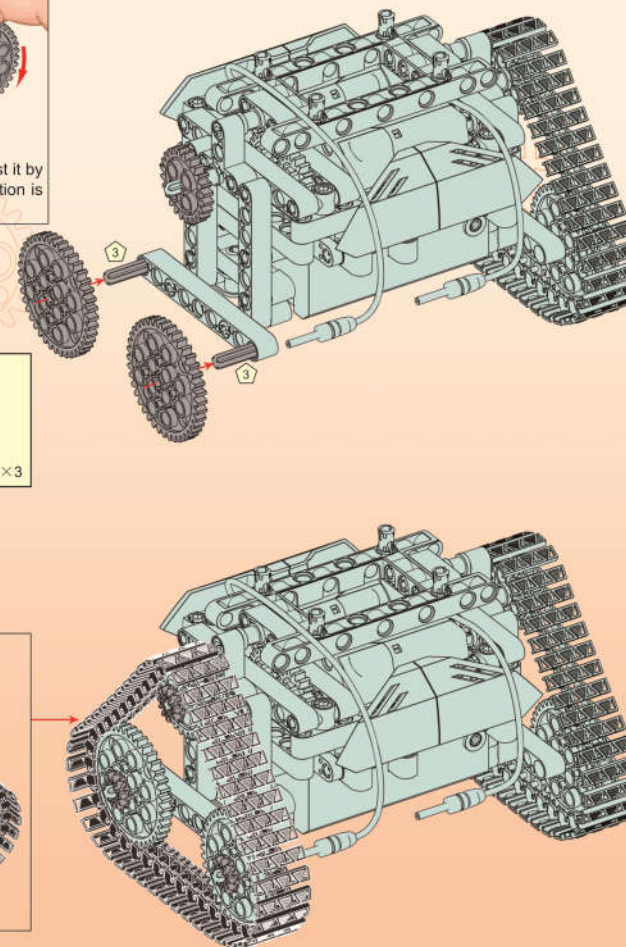
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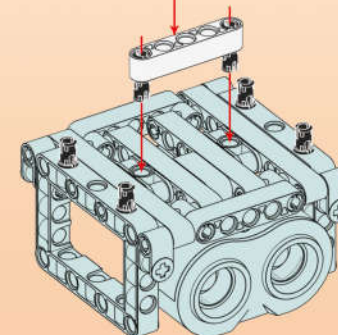
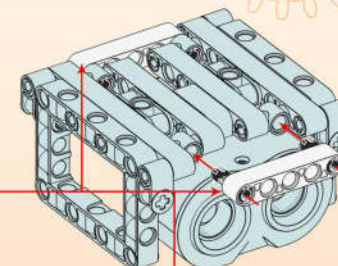
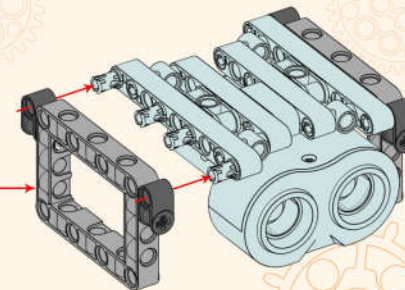
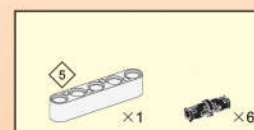
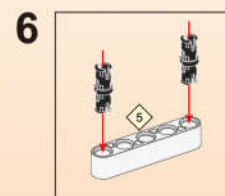
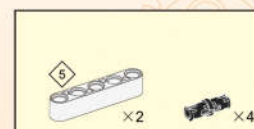
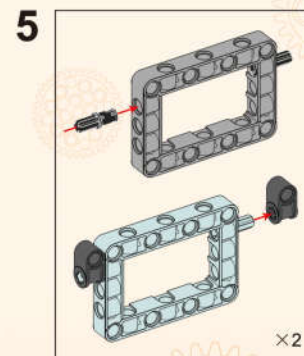
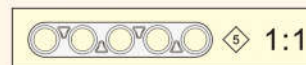
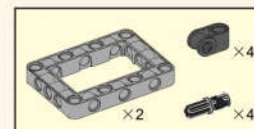
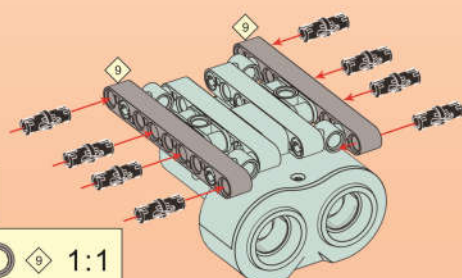
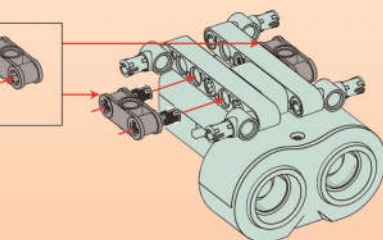
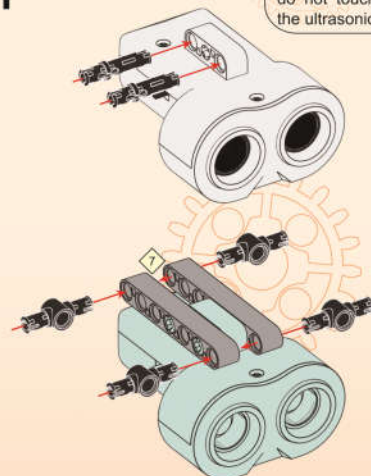
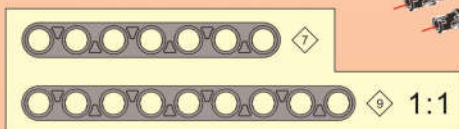
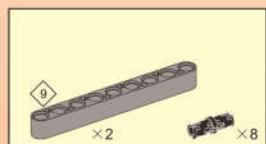
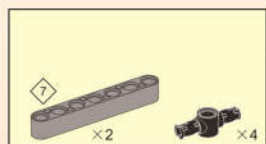
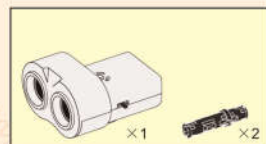
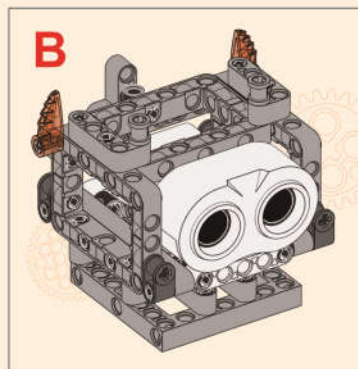


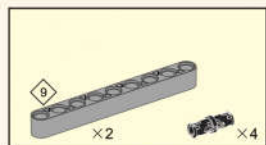
After the gear assembled, adjust it by hand and test whether the rotation is smooth or not.



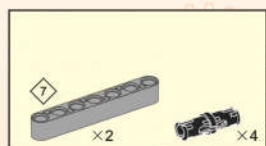
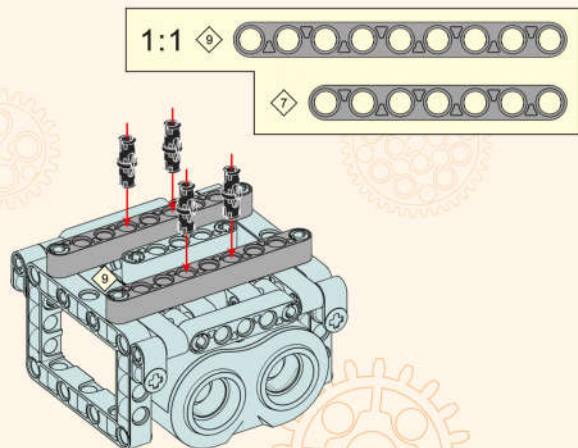
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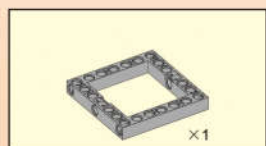
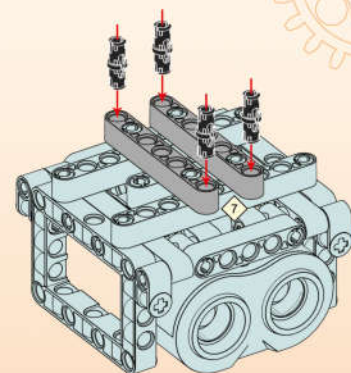




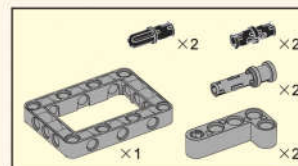
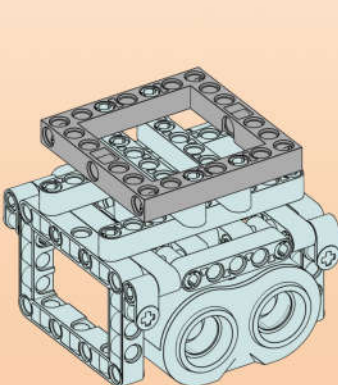
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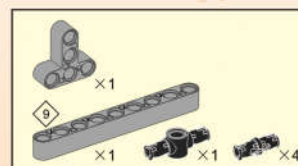
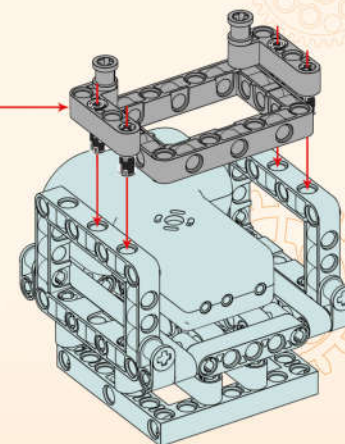
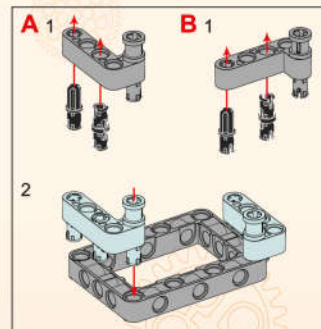
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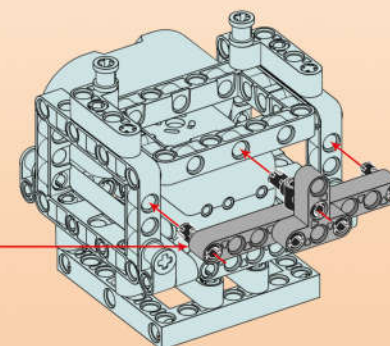
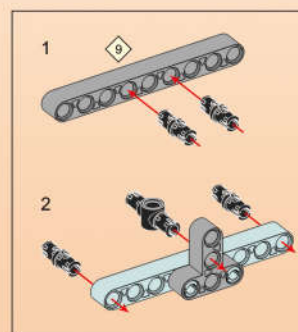
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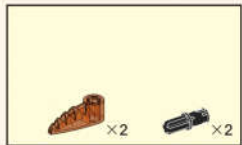


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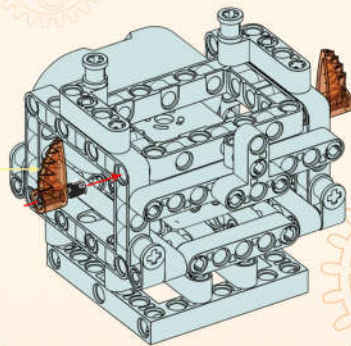


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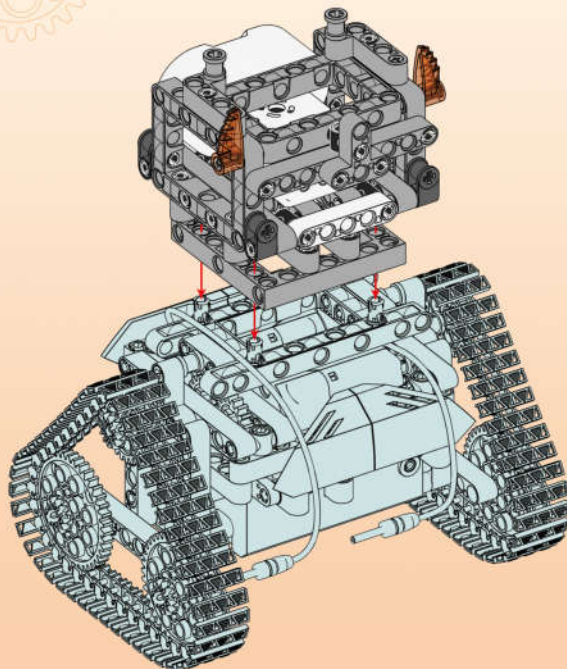




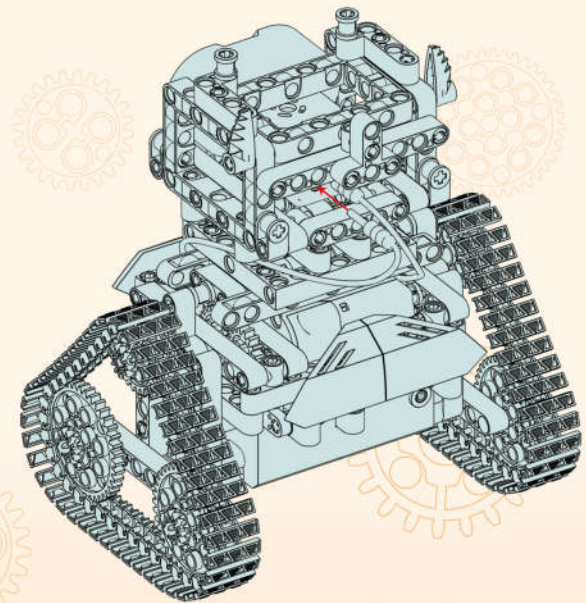
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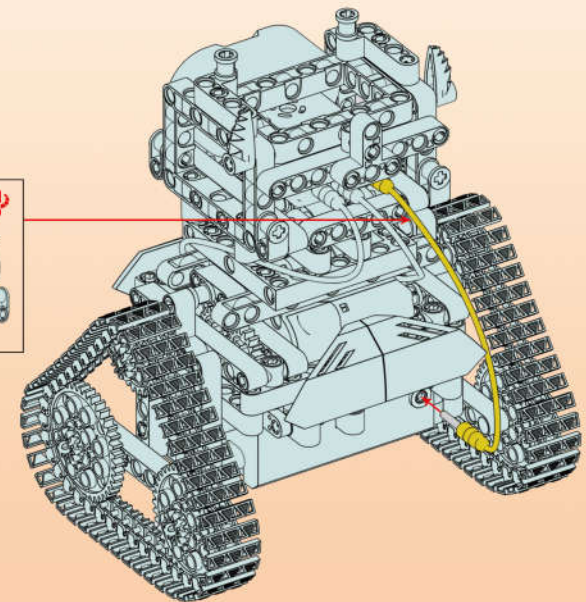
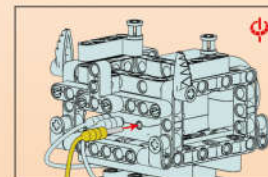
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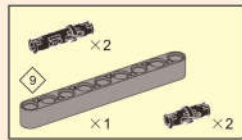
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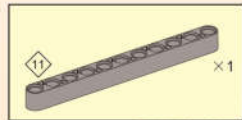
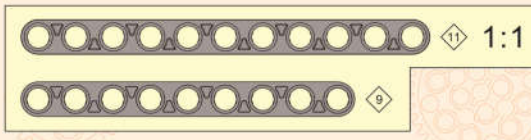
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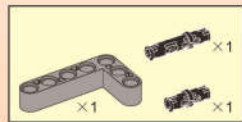
Armour warrior



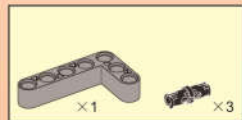
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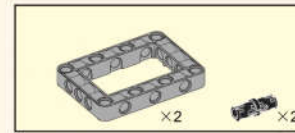
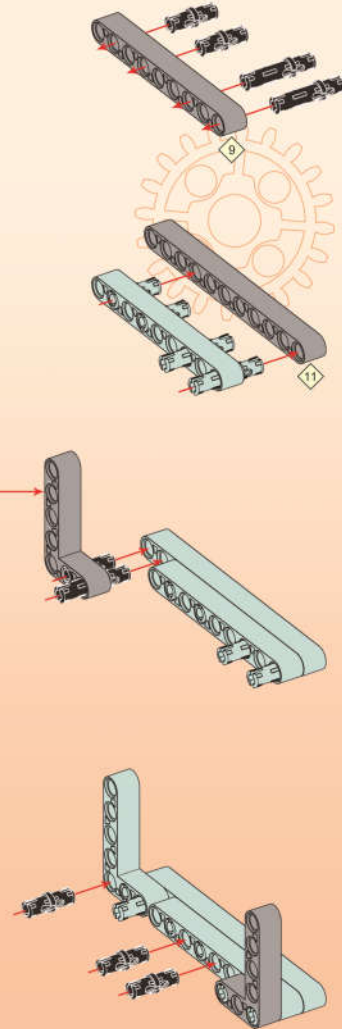
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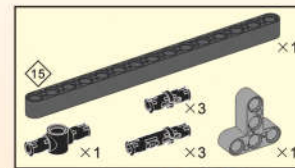
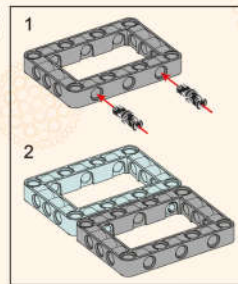
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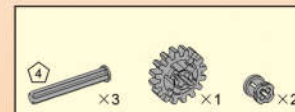
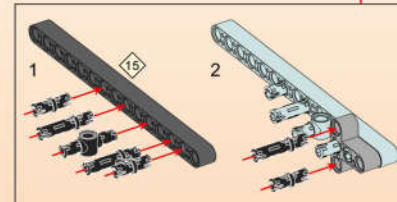
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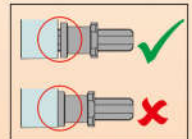
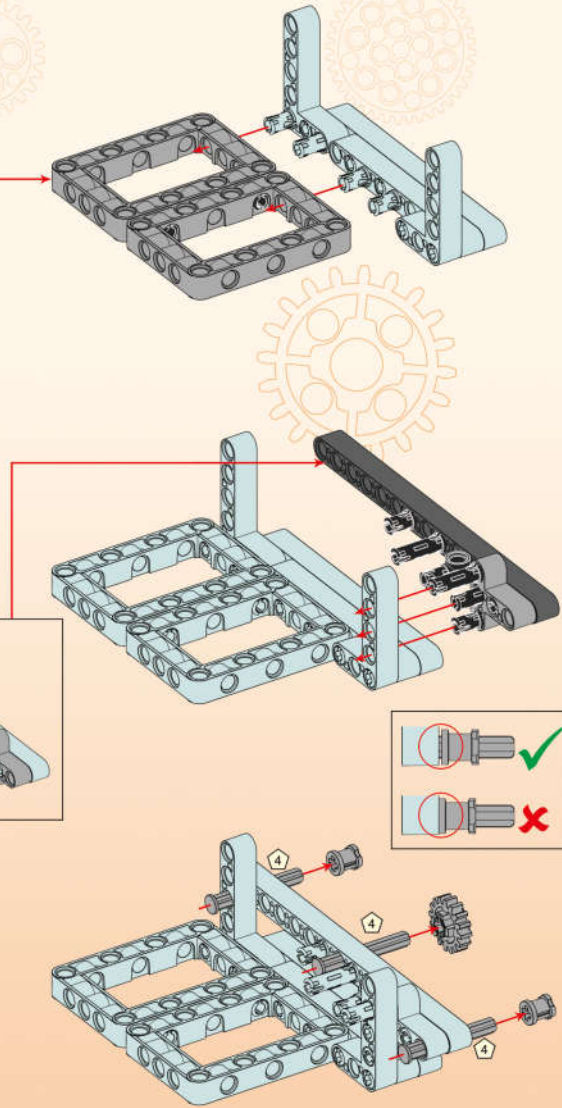
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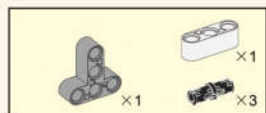


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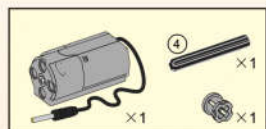
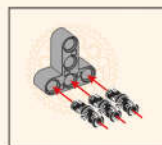


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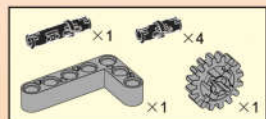
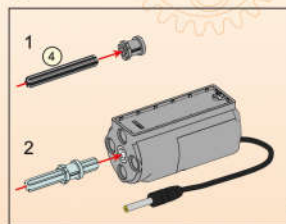




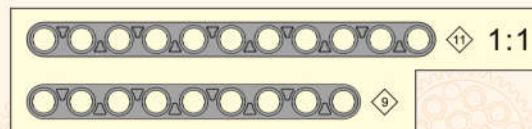
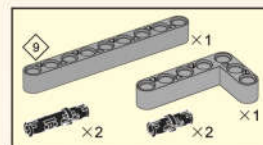
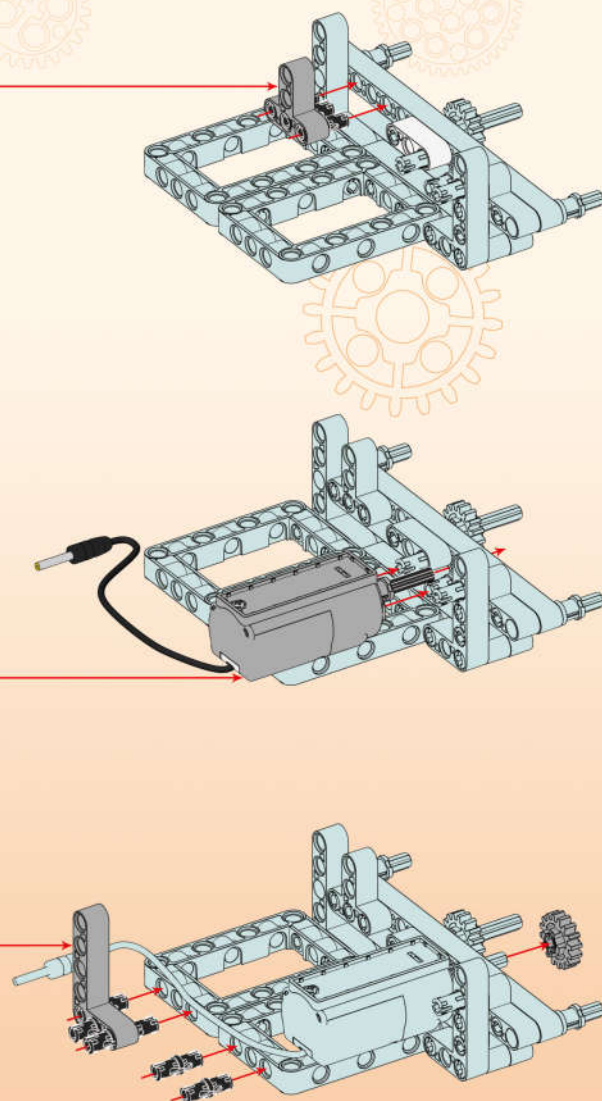
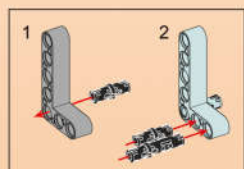
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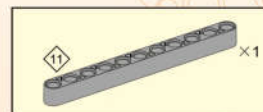
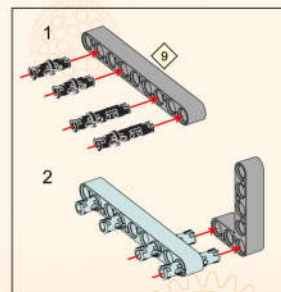
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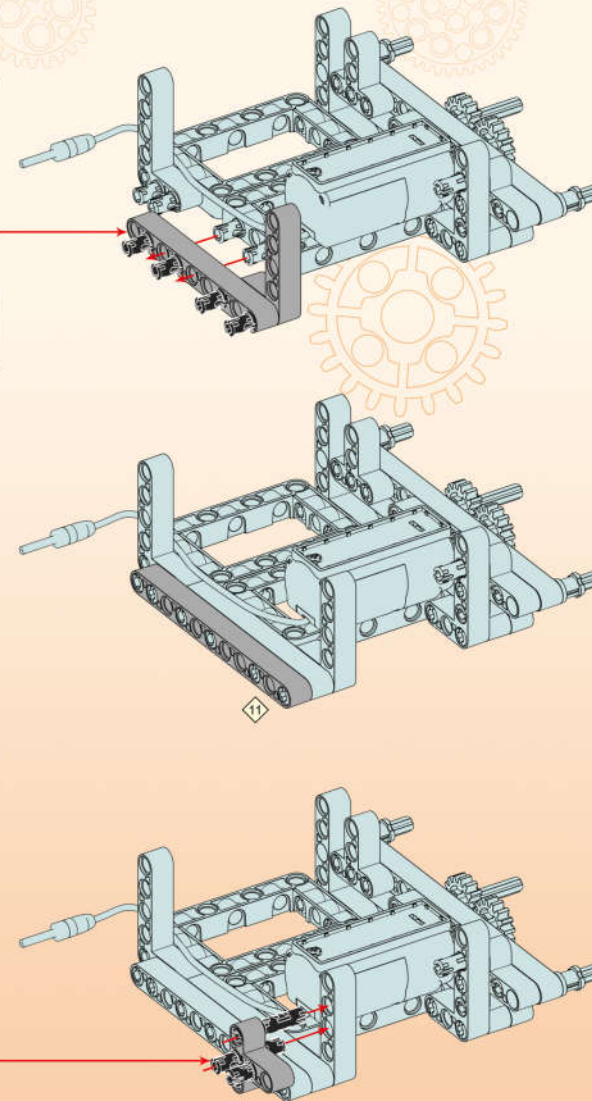
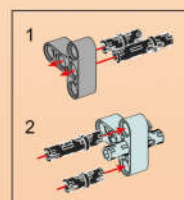
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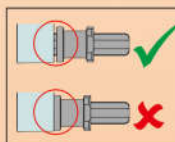
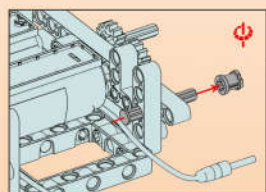


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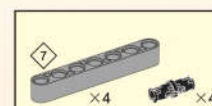




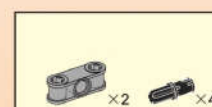
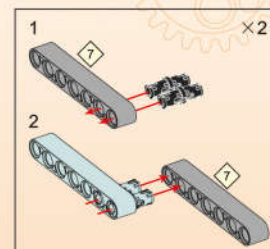
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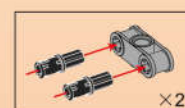
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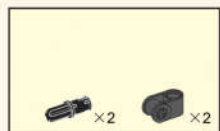


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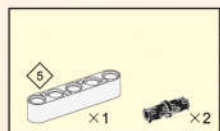
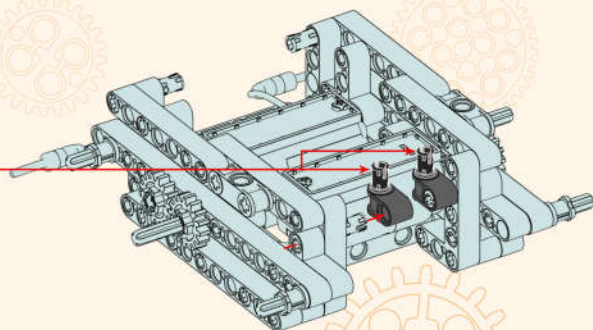


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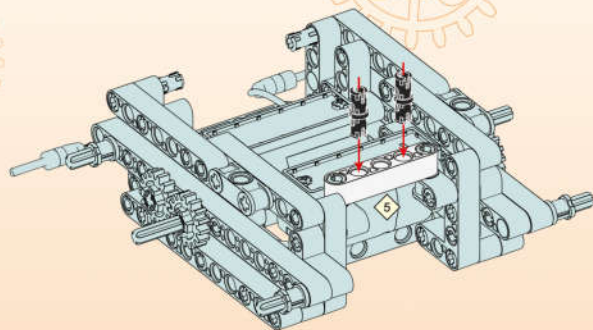




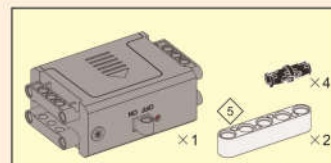
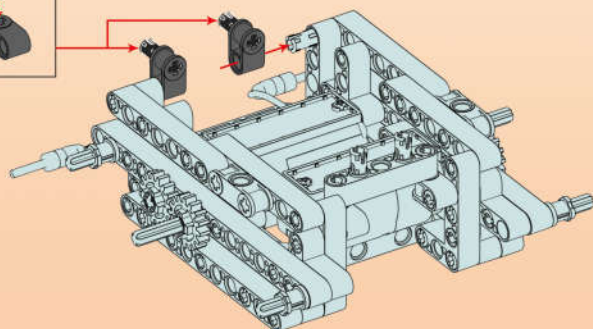
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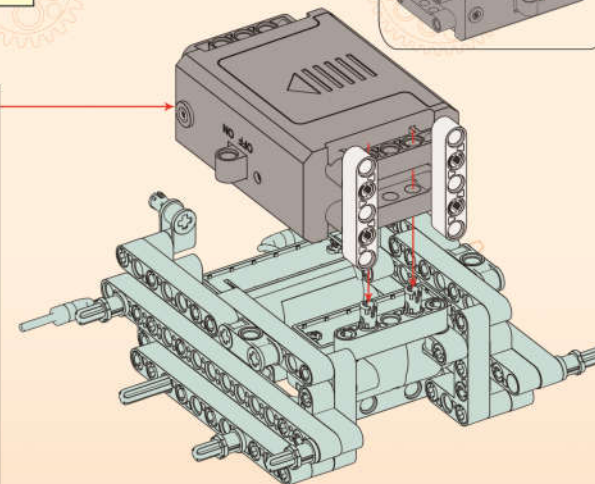
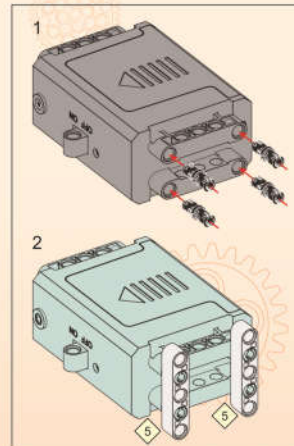
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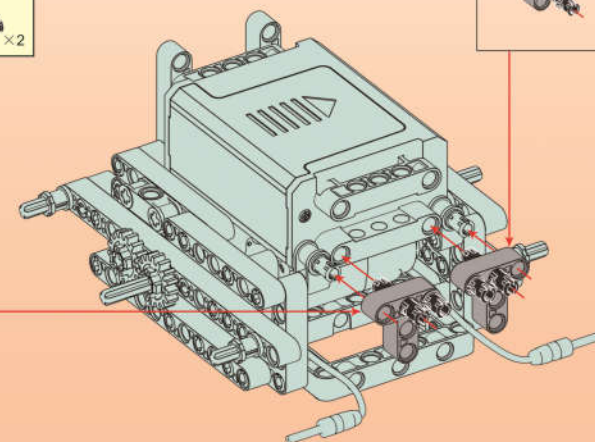
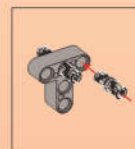
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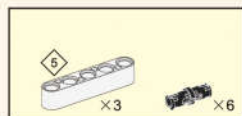


Please install 6 batteries first, and then build by steps.

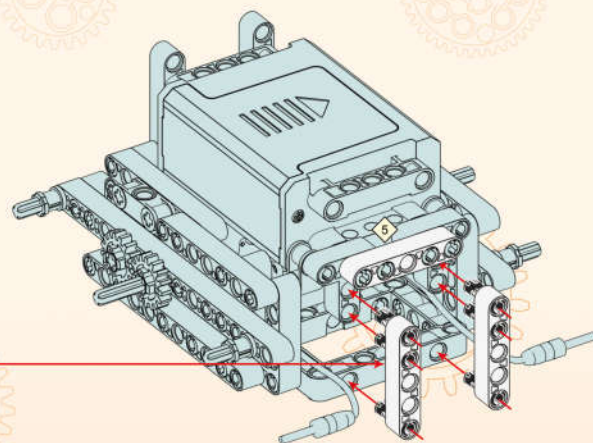
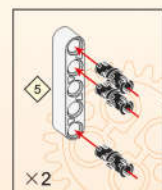


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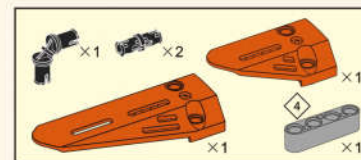
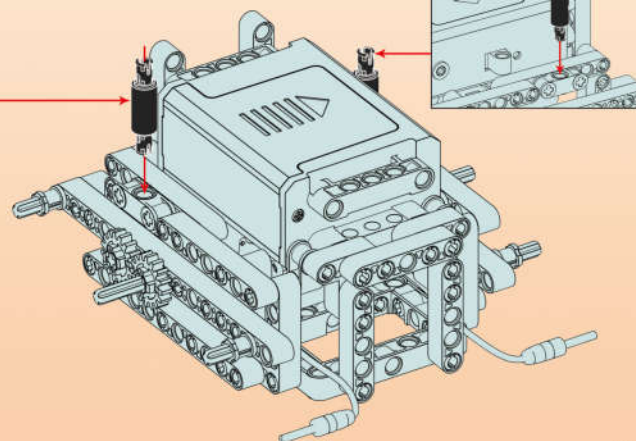
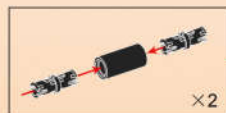




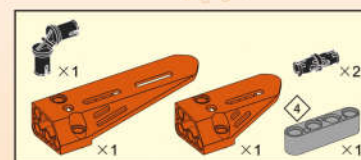
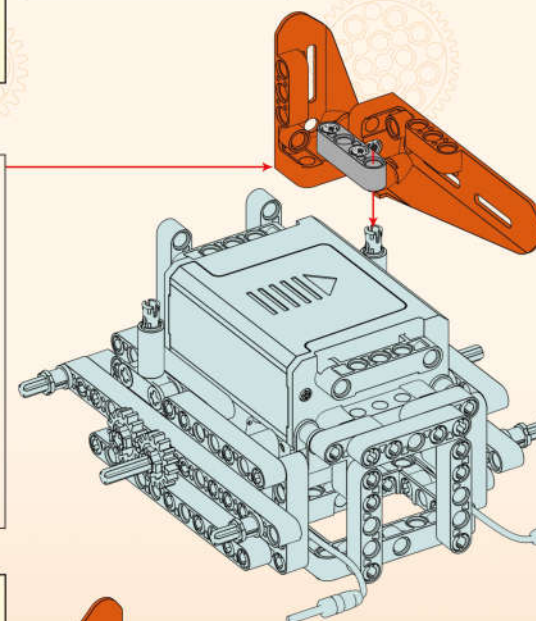
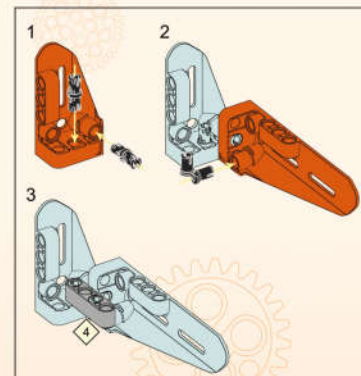
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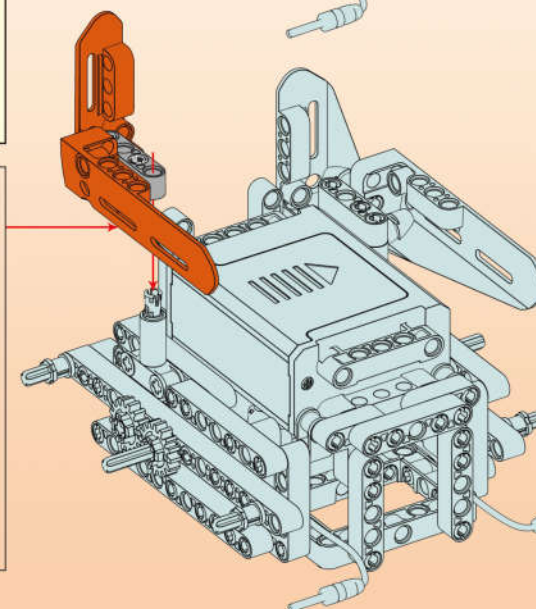
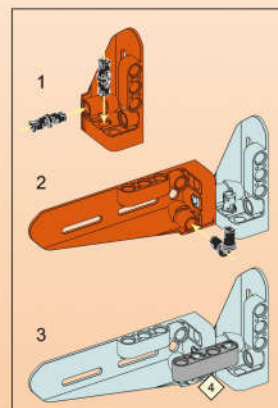
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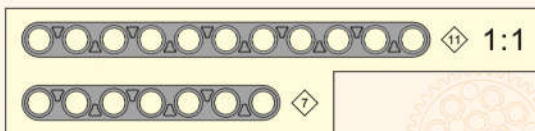
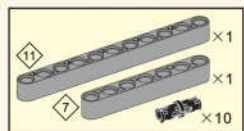


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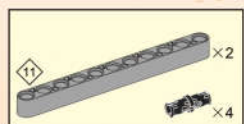
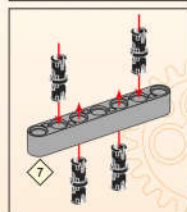
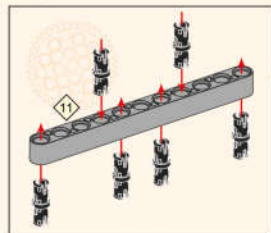


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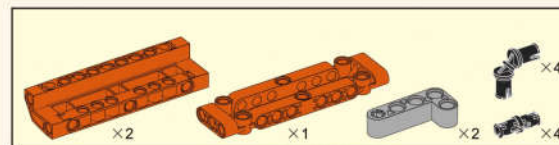
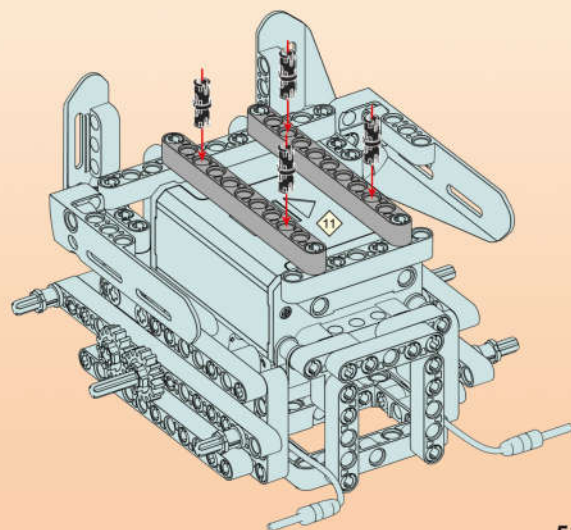
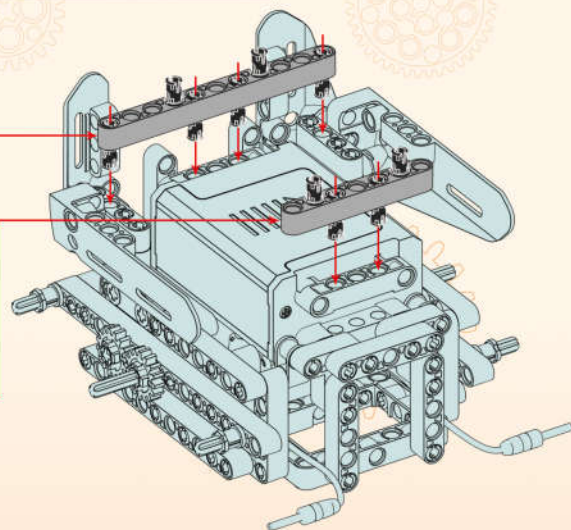




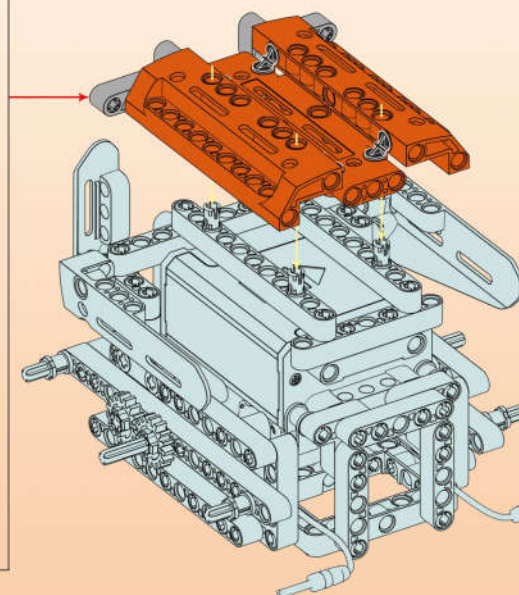
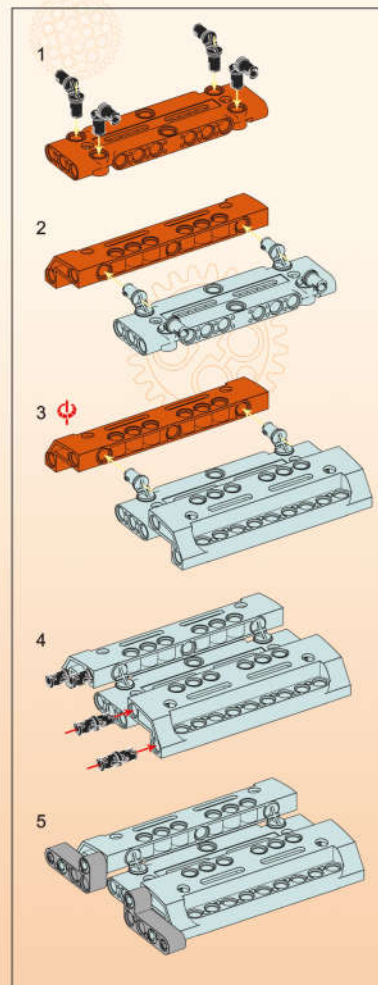
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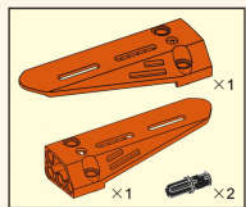


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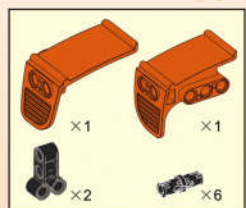
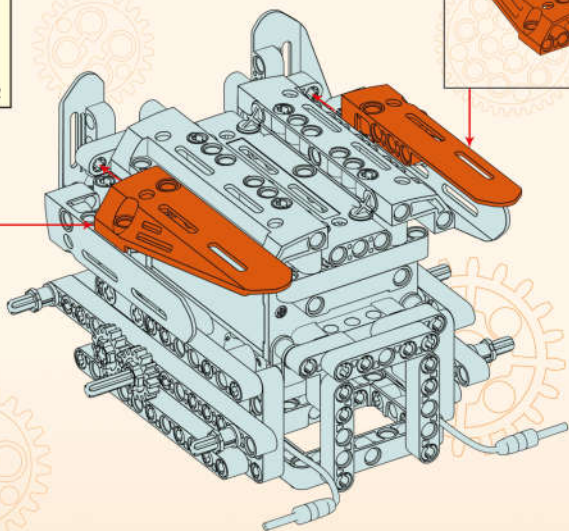


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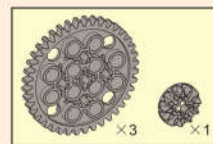
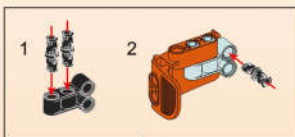
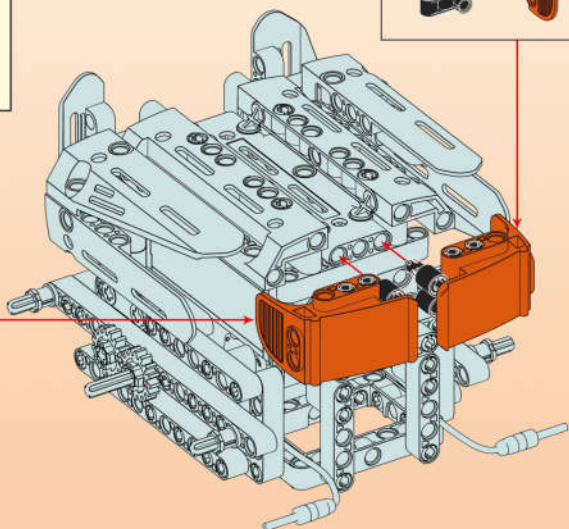
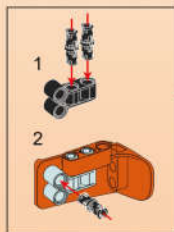




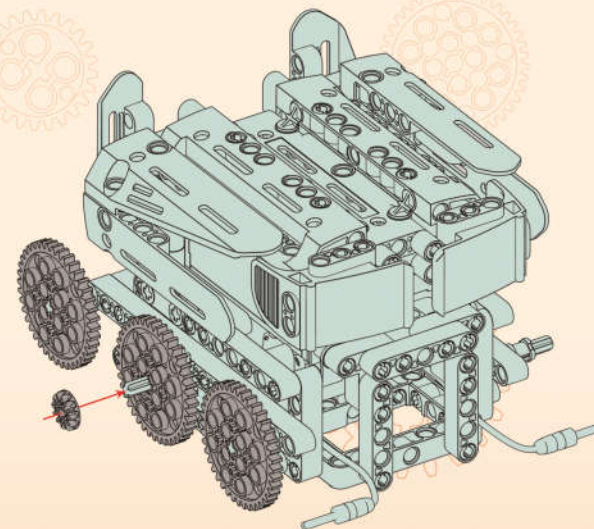
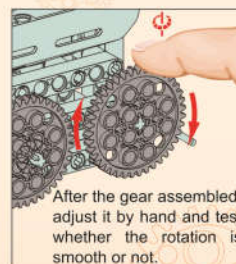
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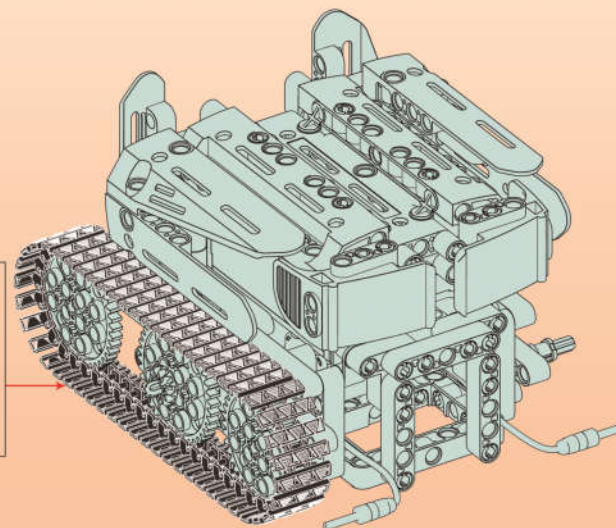
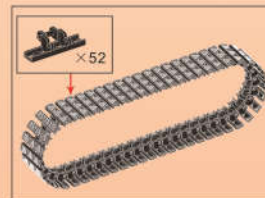
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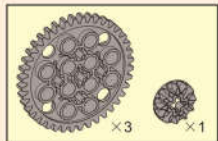


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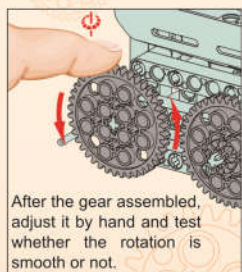


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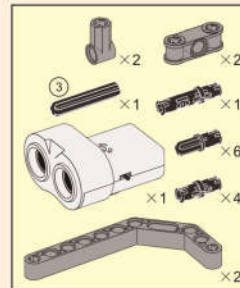
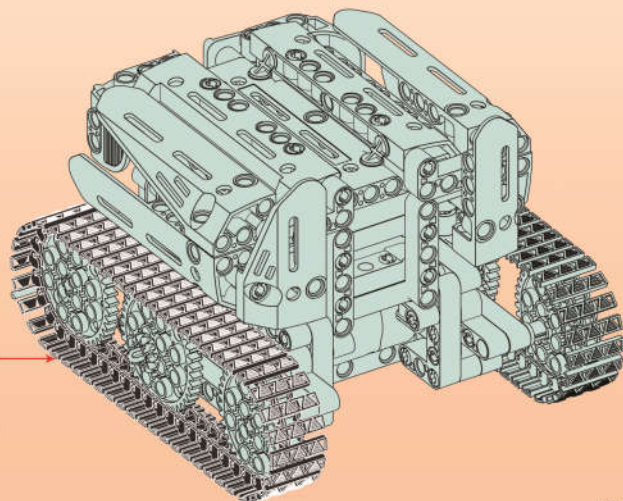
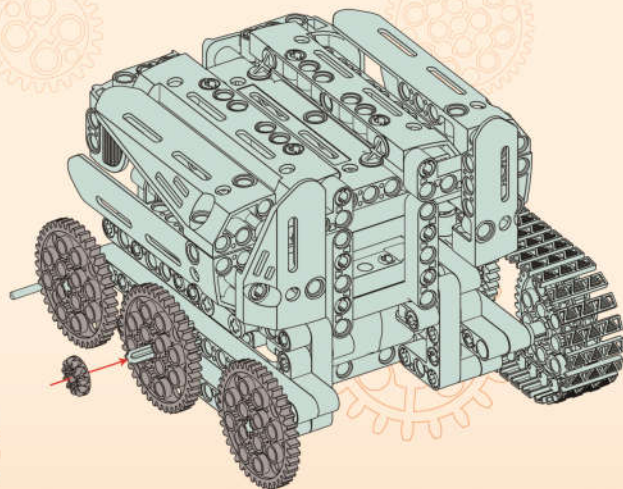
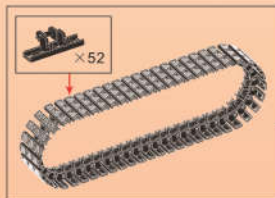




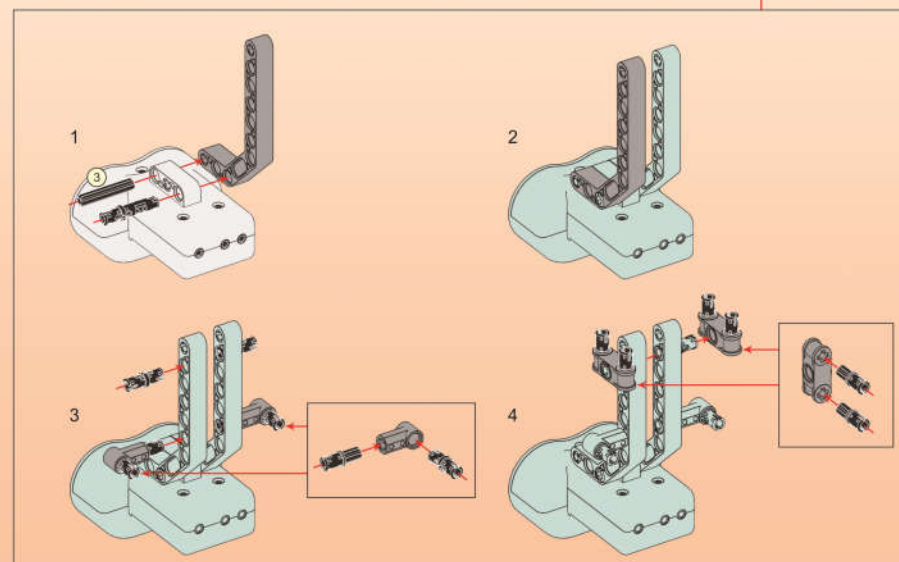
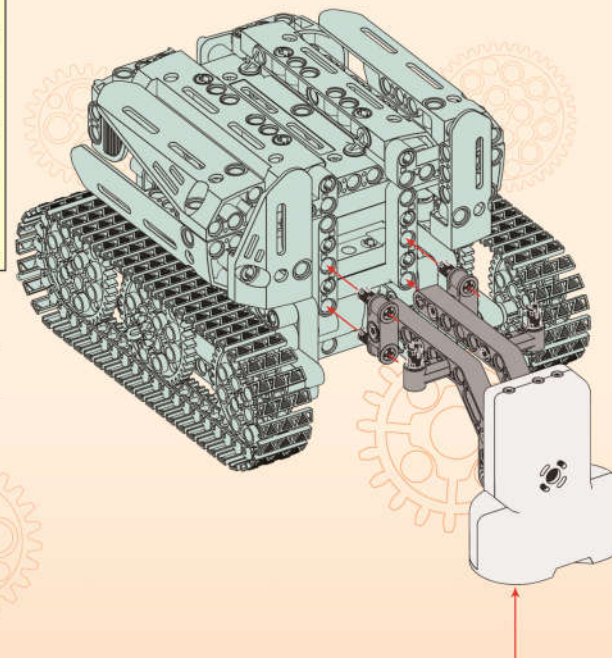
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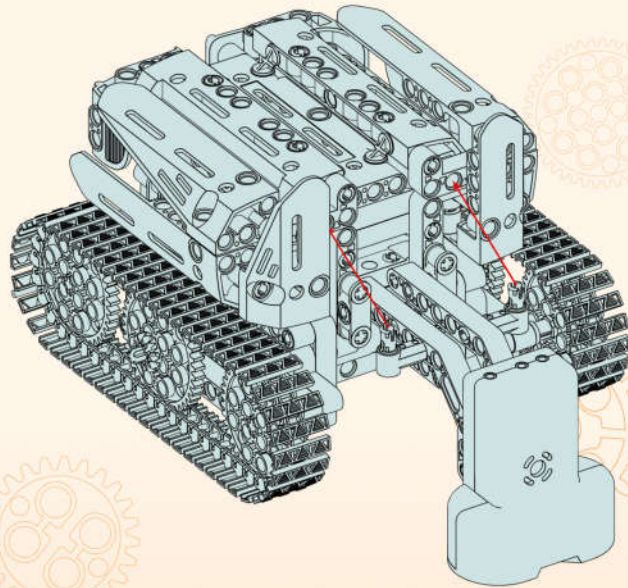
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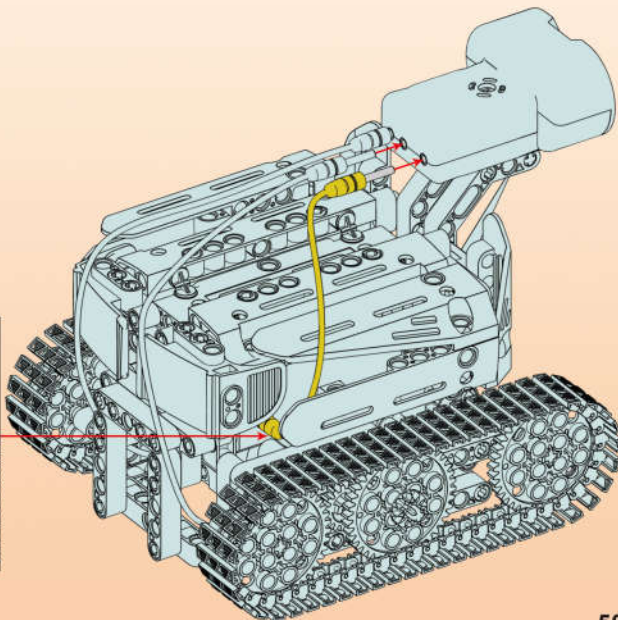
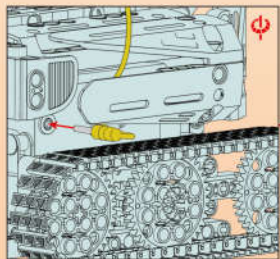
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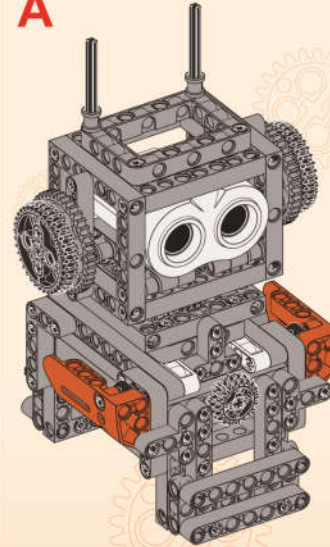


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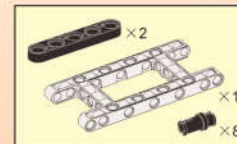


• 59 •

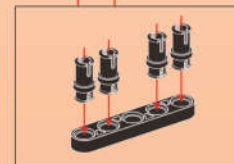
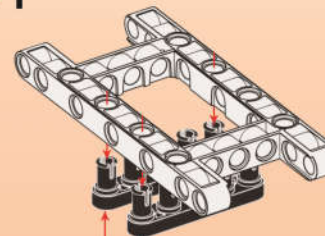
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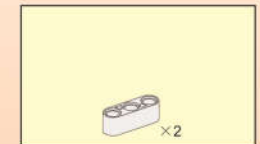
Source code



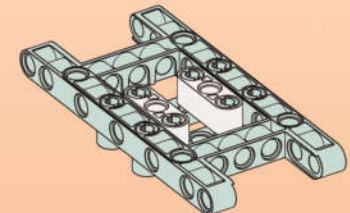
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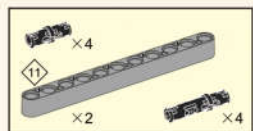


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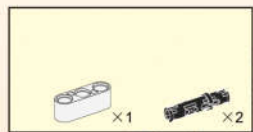
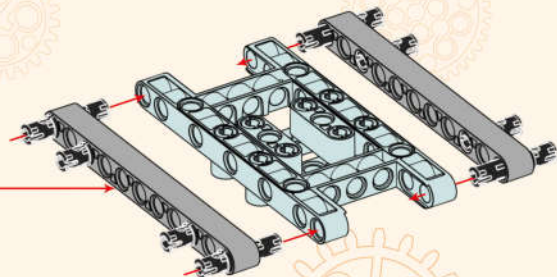
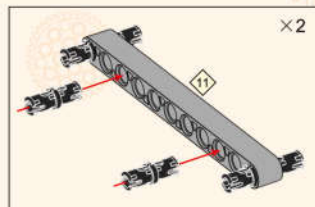


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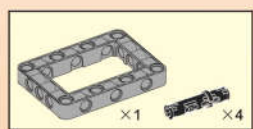
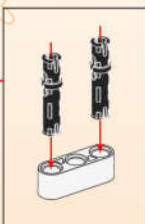
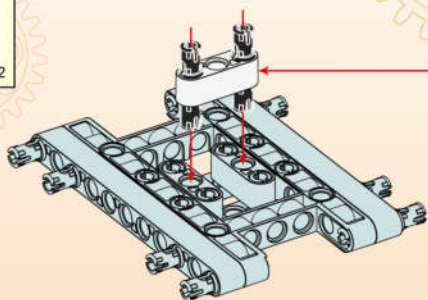




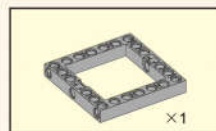
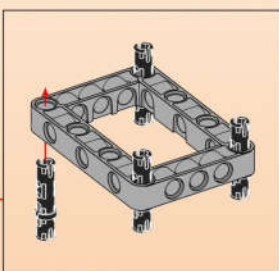
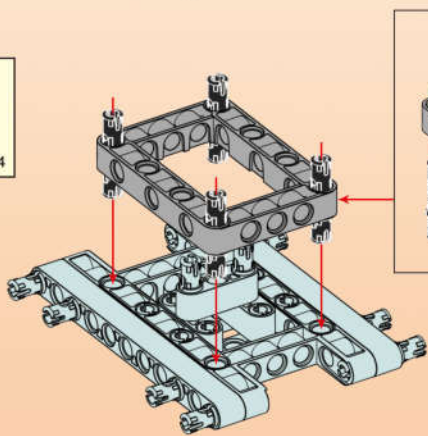
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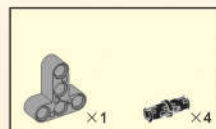
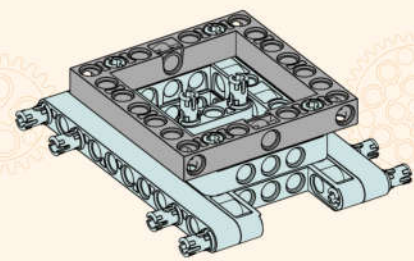
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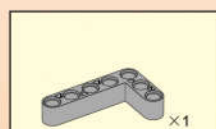
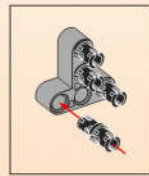
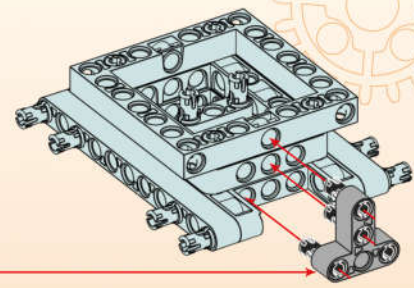
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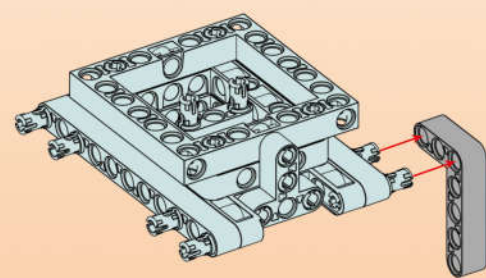
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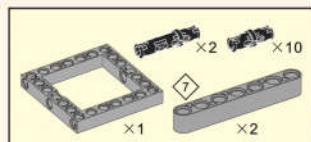


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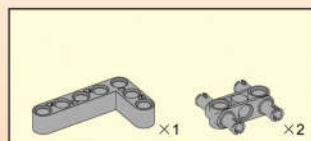
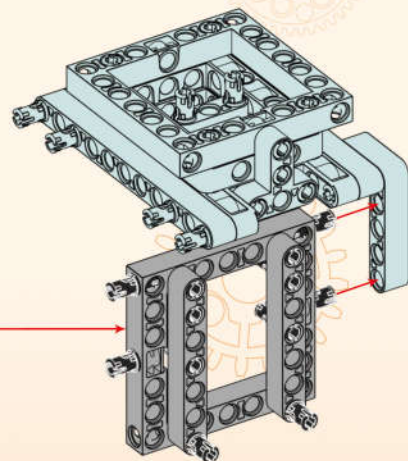
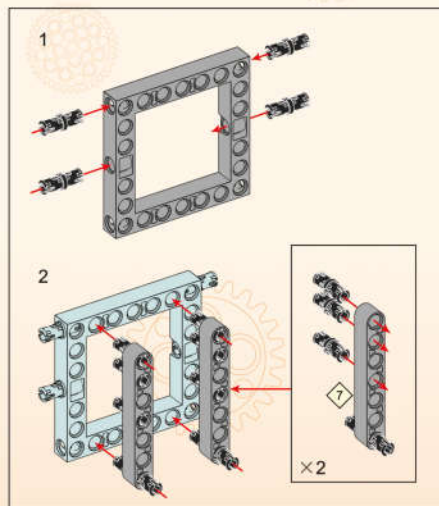


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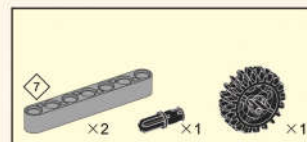
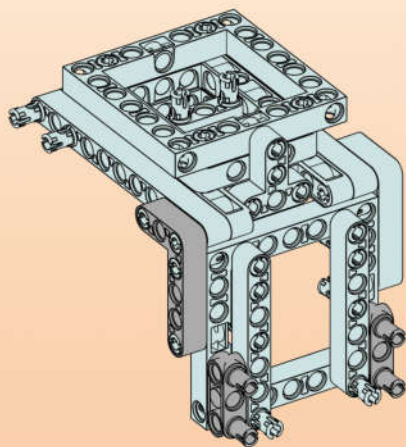




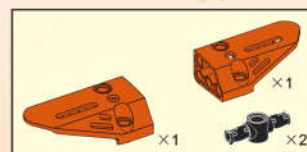
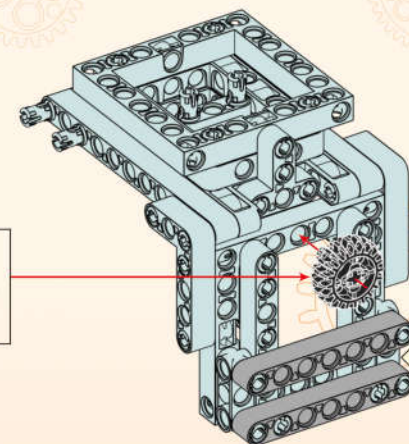
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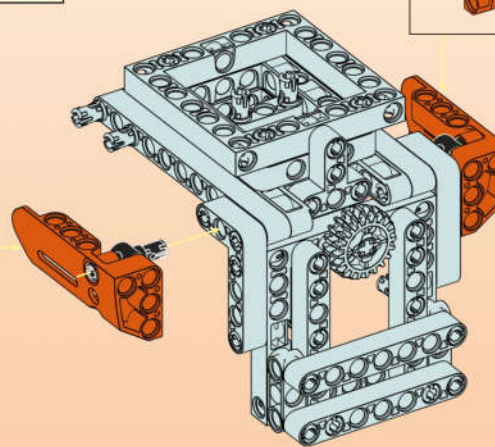
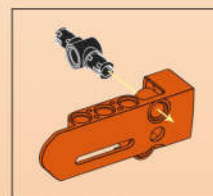
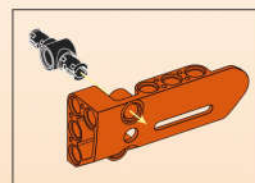
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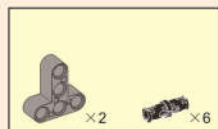


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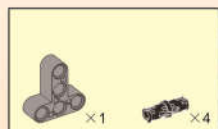
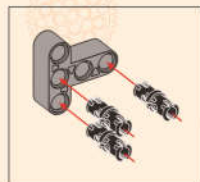


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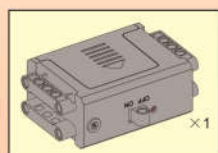
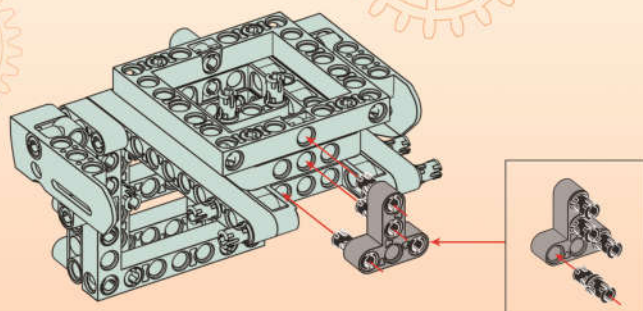
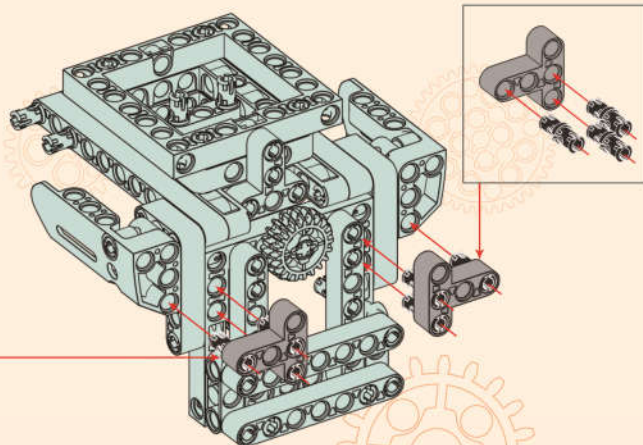




13

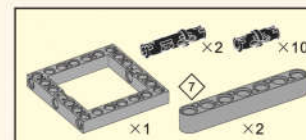
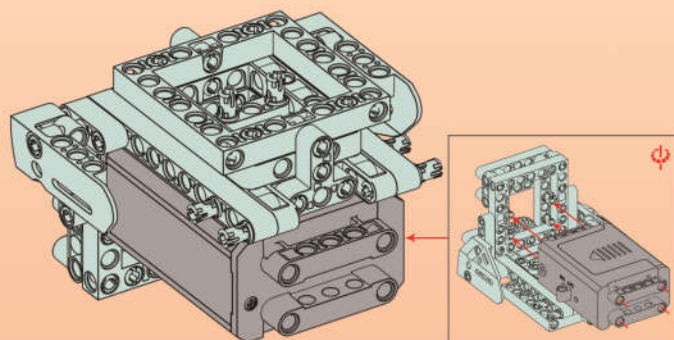
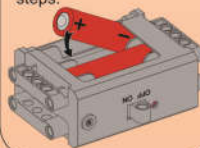


14

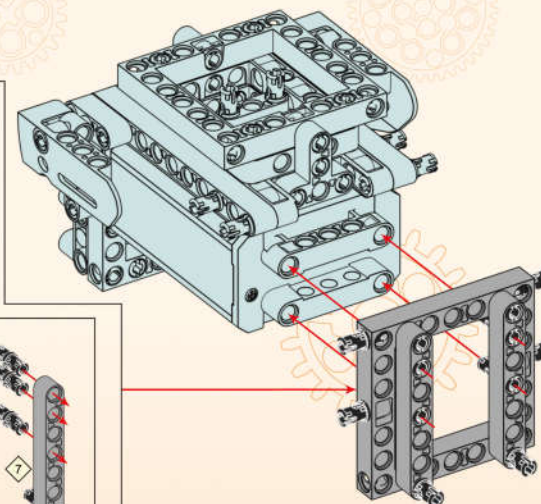
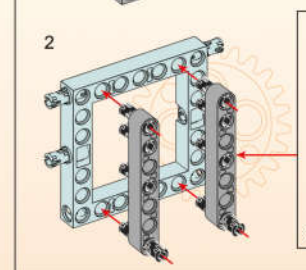
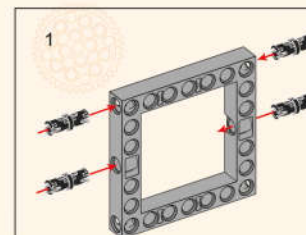


15

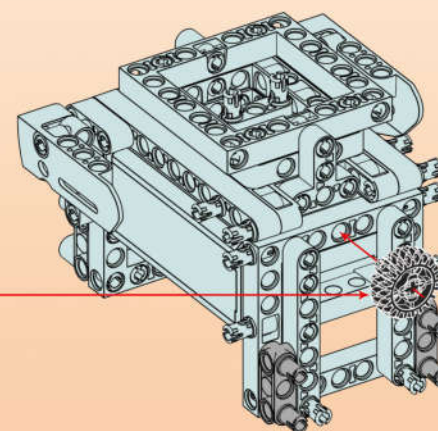
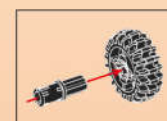
Please install 6 batteries first, and then build by steps.

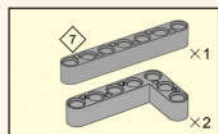


16

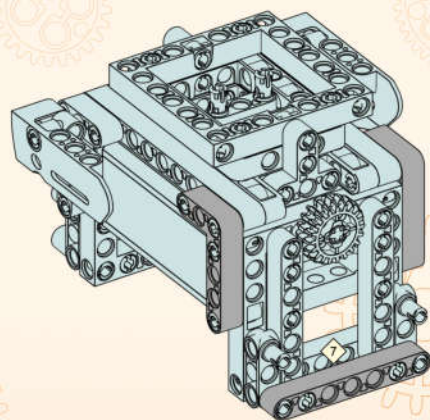


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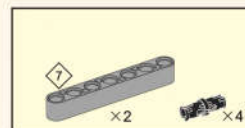
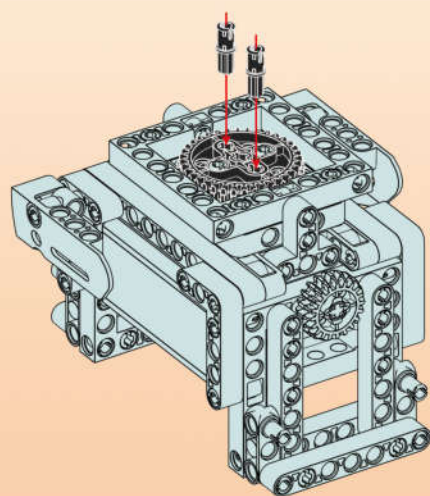




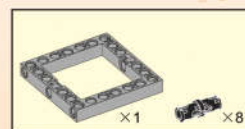
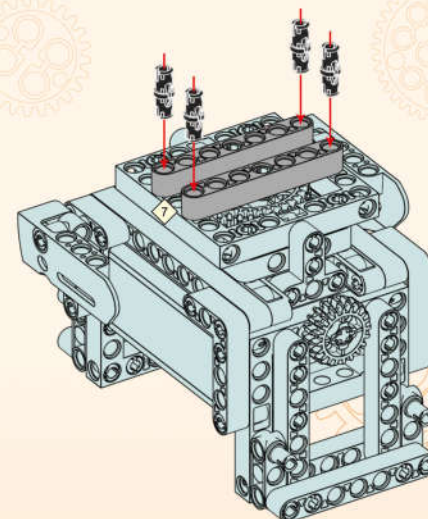
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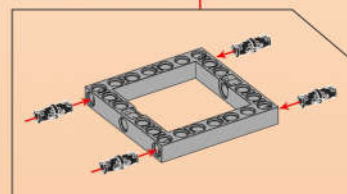
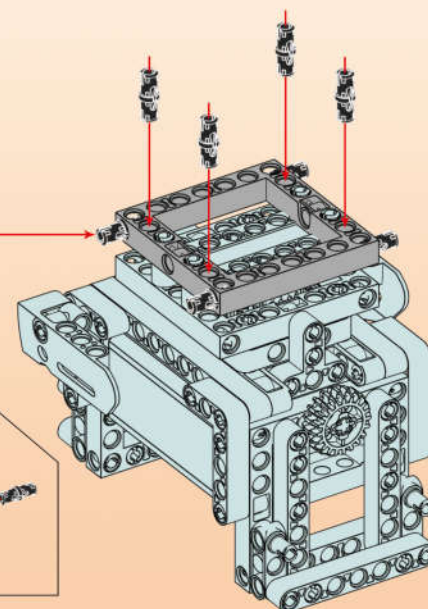
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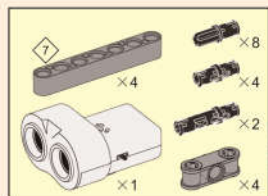


20



21

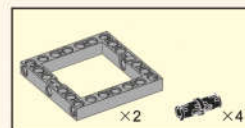
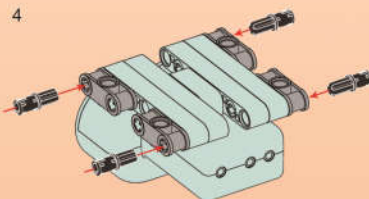
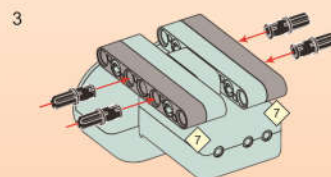
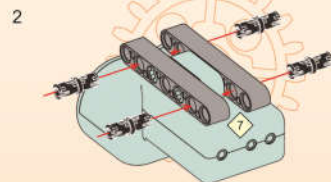
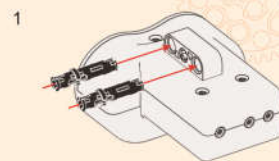
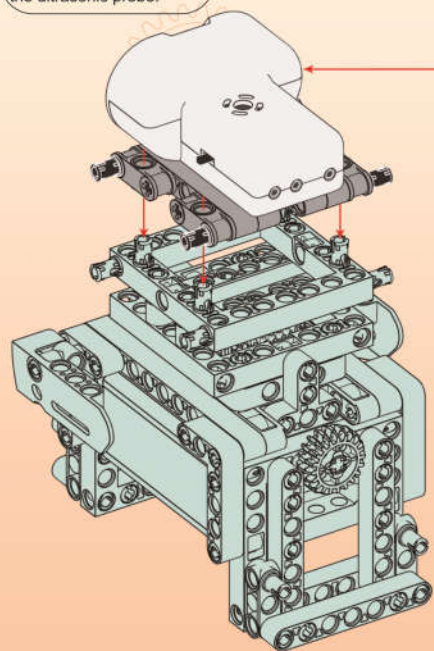




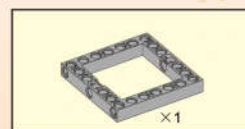
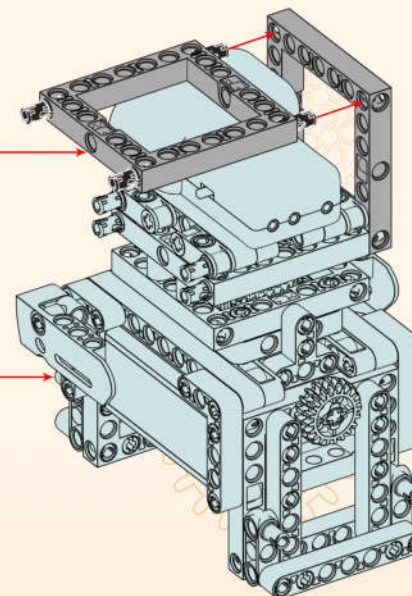
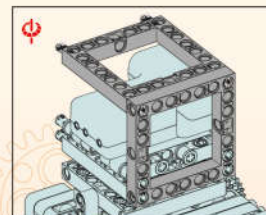
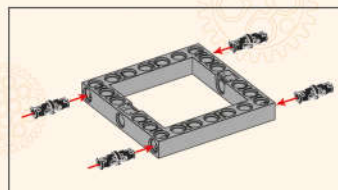
22



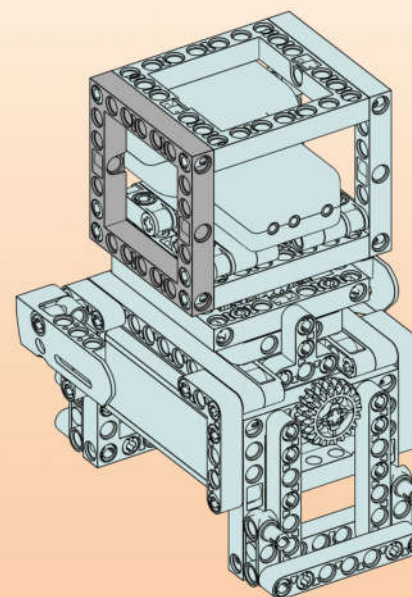
For operating the product function normally, please do not touch or destroy the ultrasonic probe.

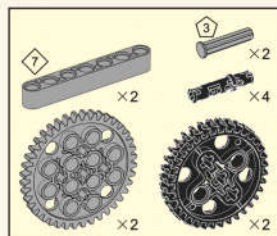


23

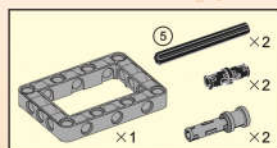
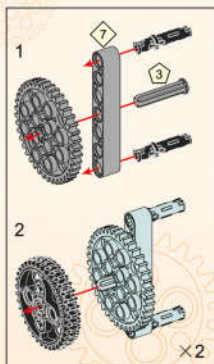


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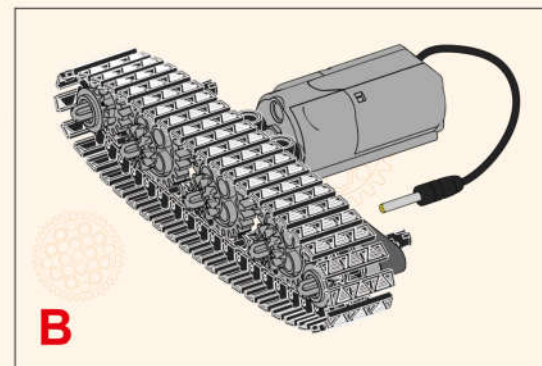
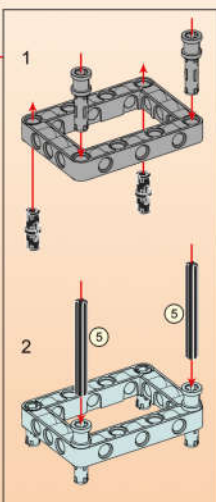
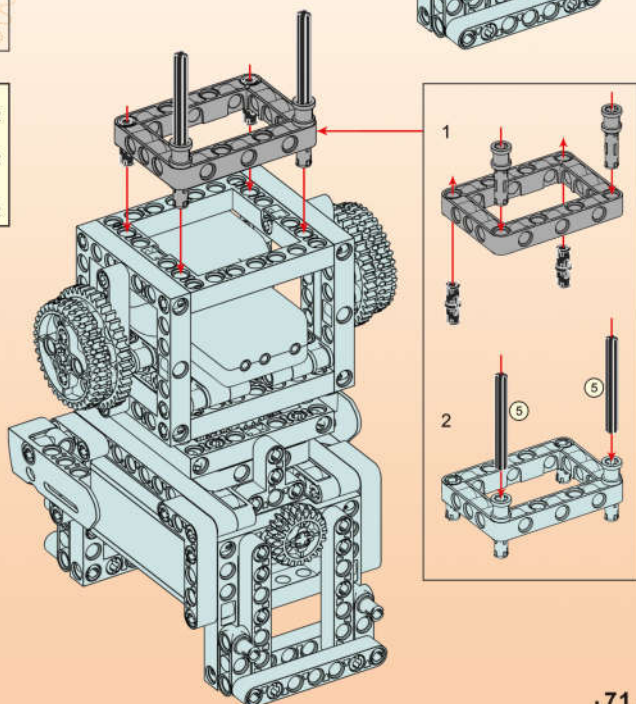




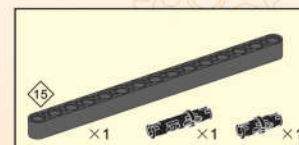
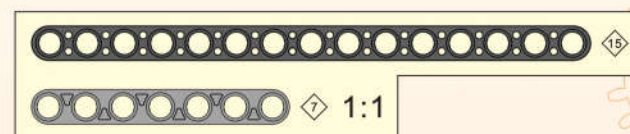
25



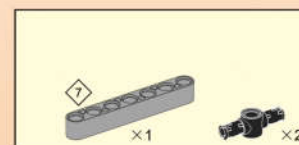
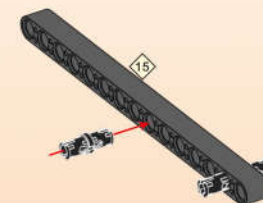
26



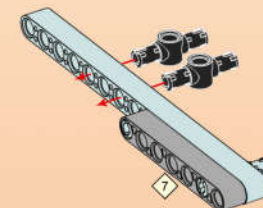
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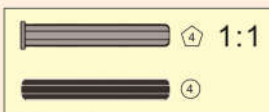
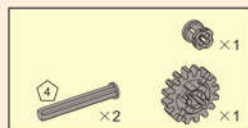


B x 2 1

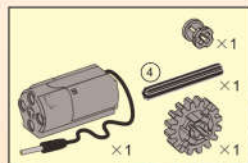
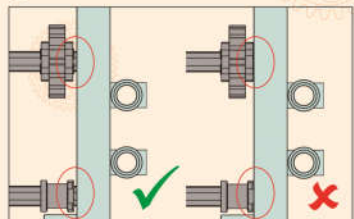


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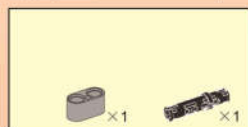
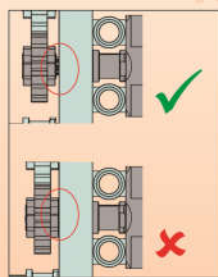




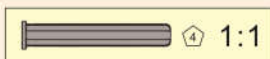
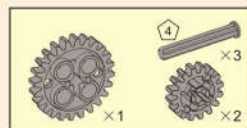
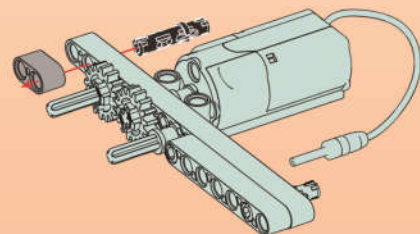
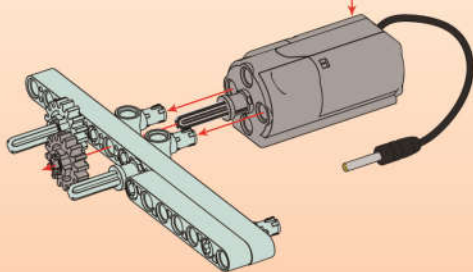
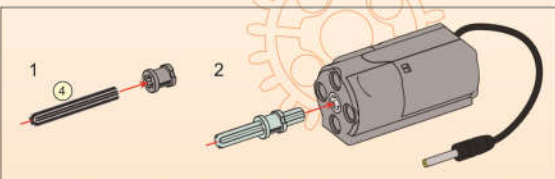
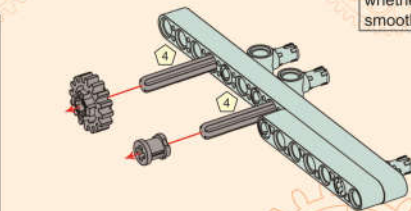
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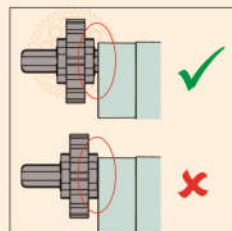
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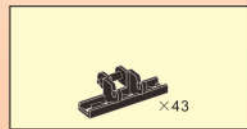
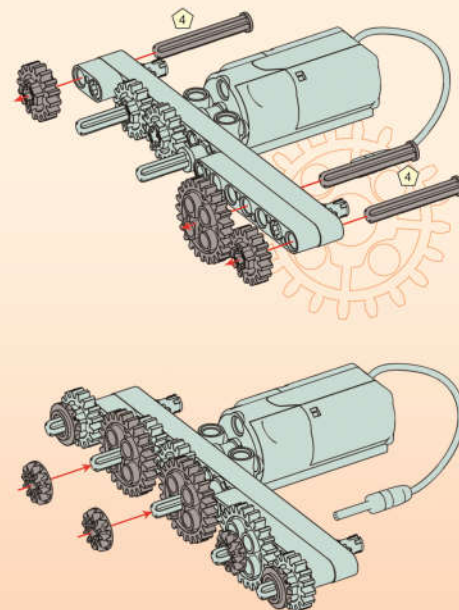
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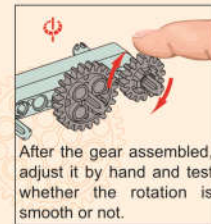
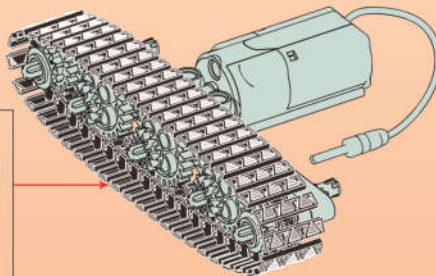
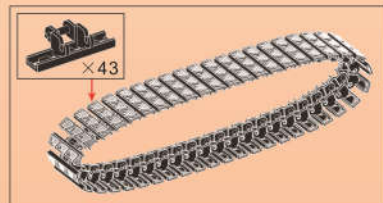
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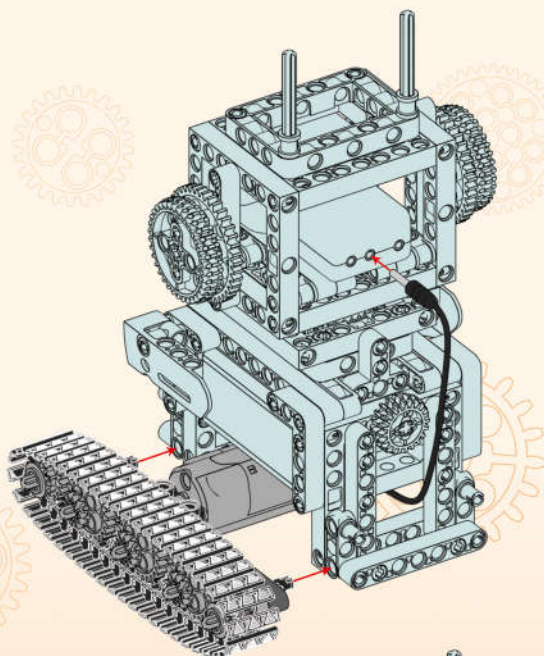
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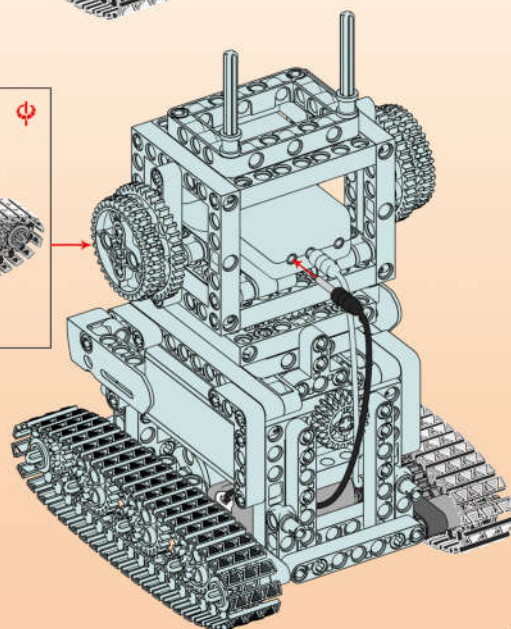
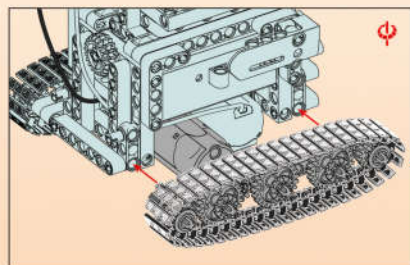
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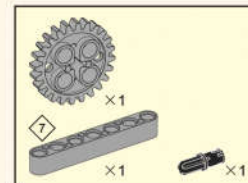
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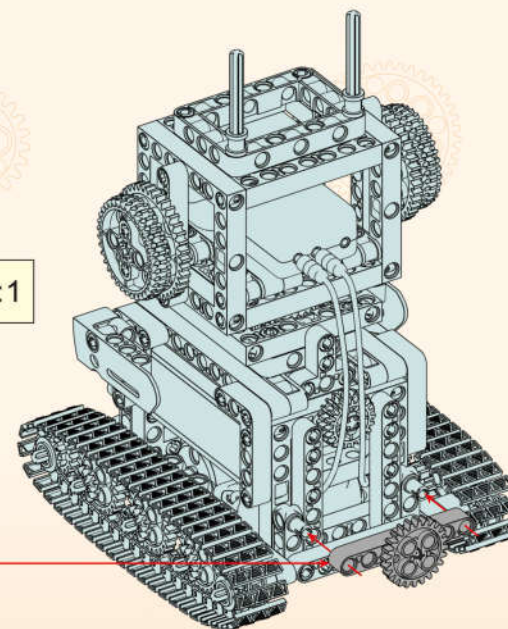
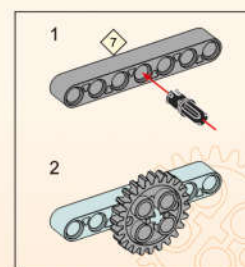
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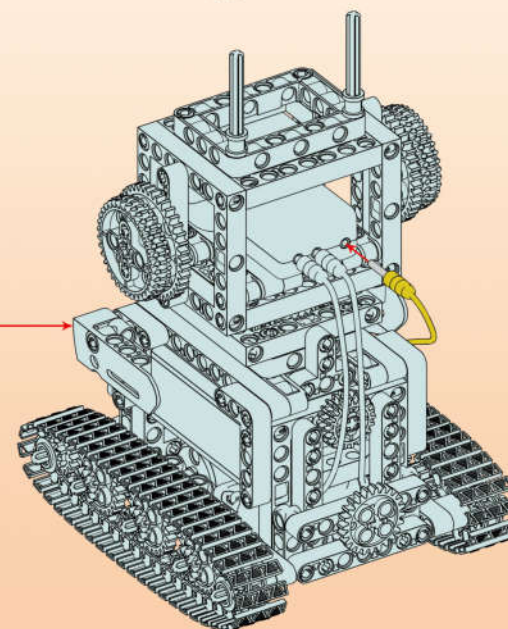
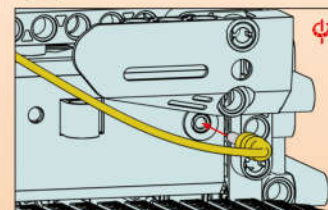
• 75 •



11

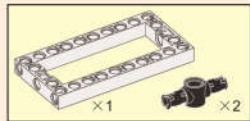
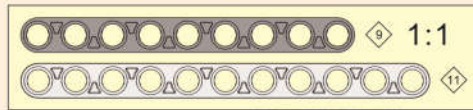
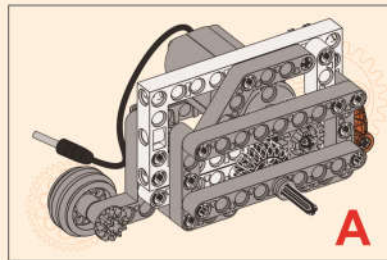


12

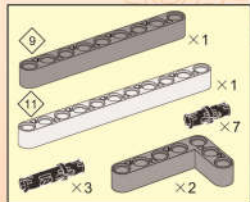


• 76 •

Hunter



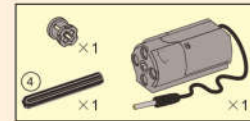
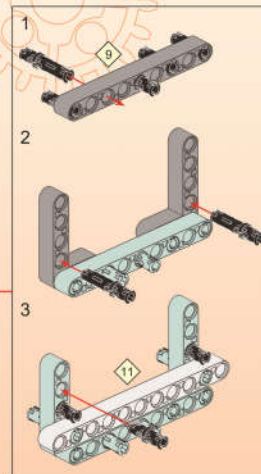
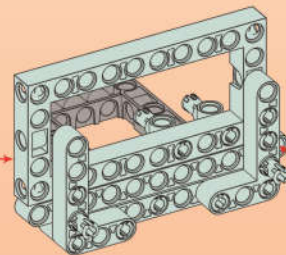
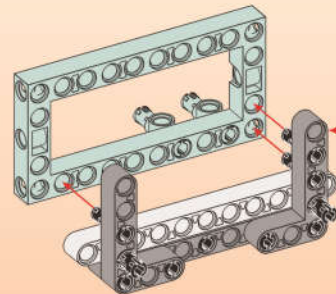
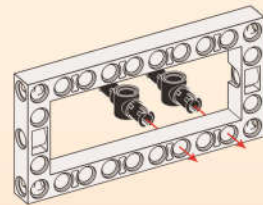
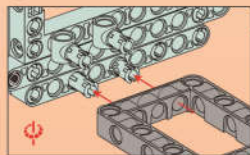
A 1



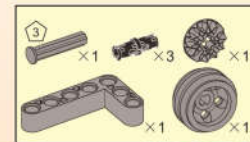
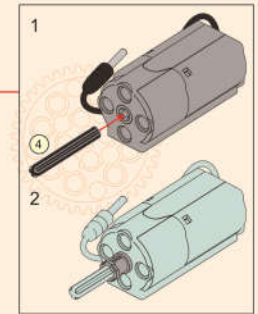
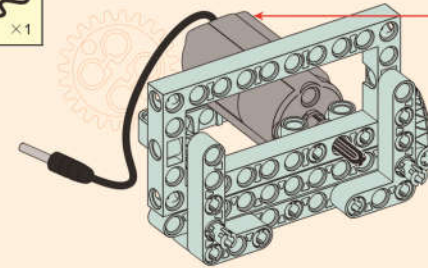
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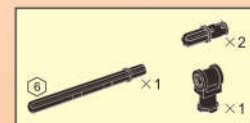
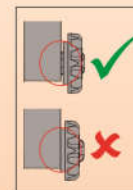
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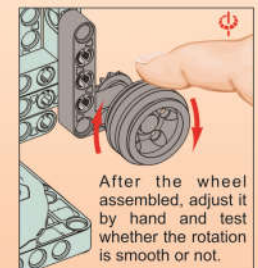
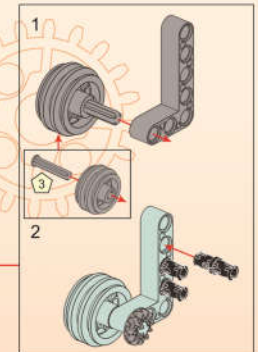
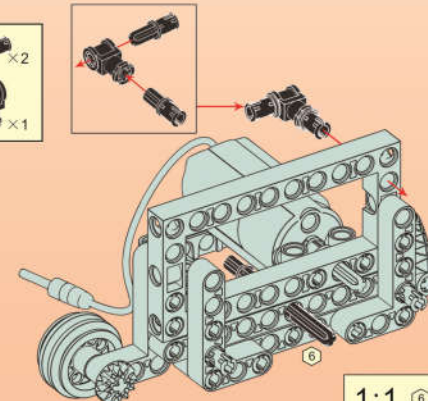
4



5

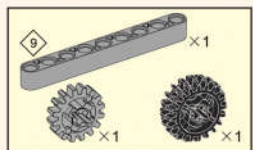


6

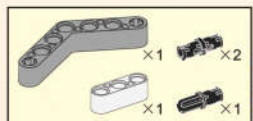
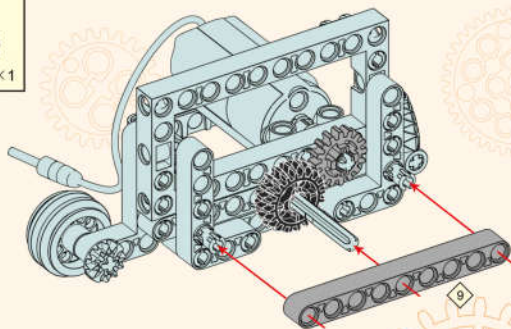


After the wheel assembled, adjust it by hand and test whether the rotation is smooth or not.

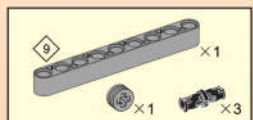
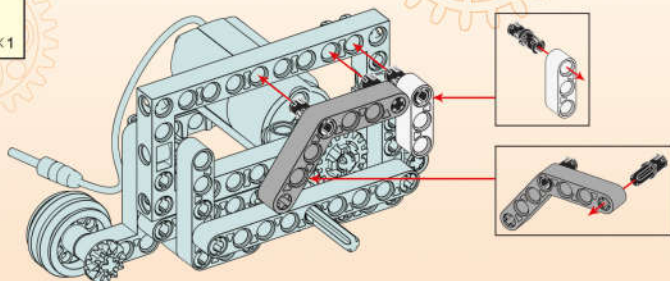




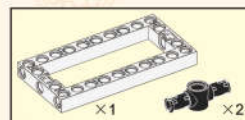
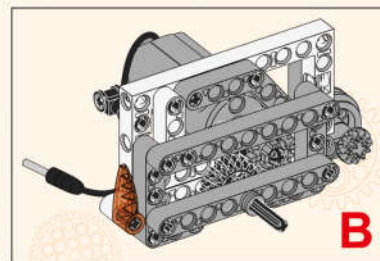
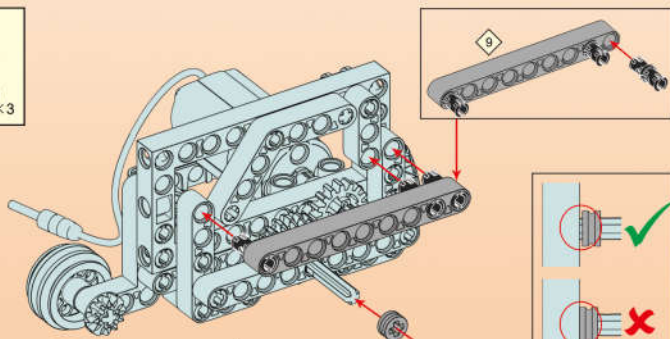
7



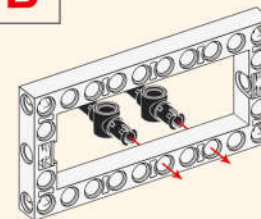
8



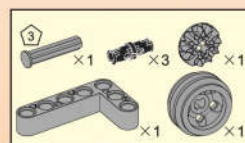
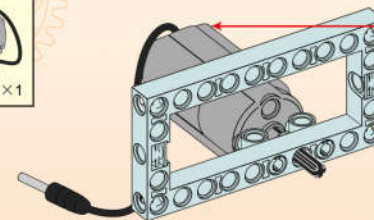
9



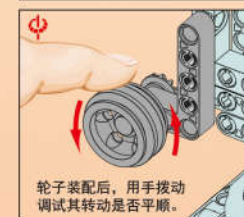
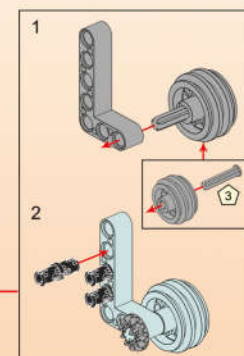
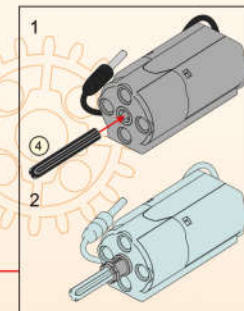
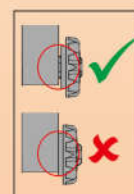
B1



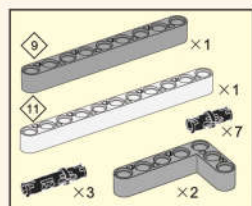
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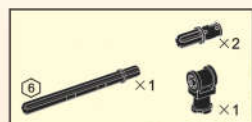
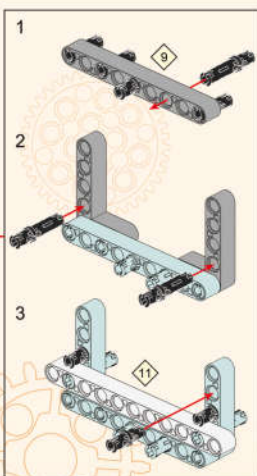
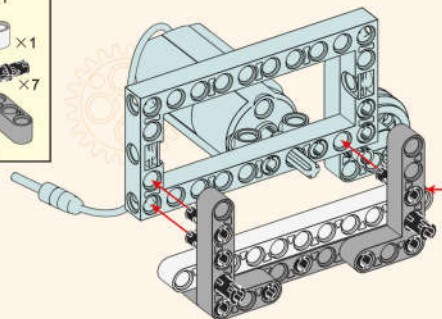
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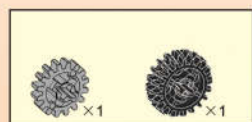
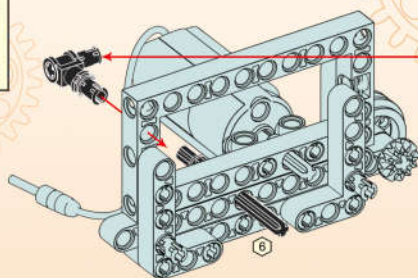
轮子装配后,用手拨动
调试其转动是否平顺。



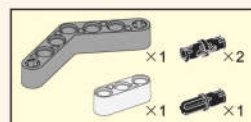
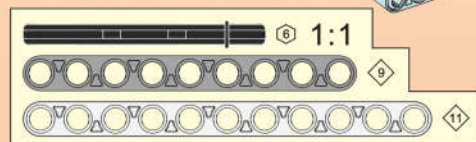
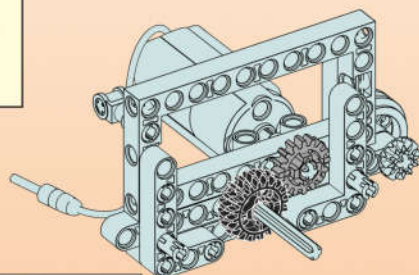
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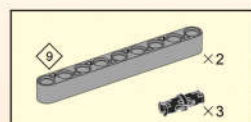
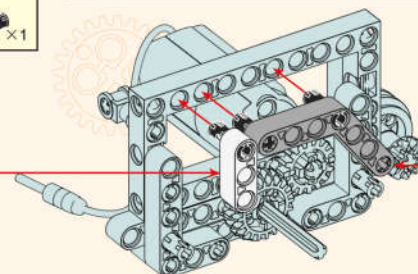
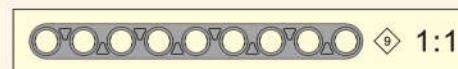
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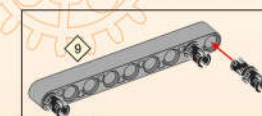
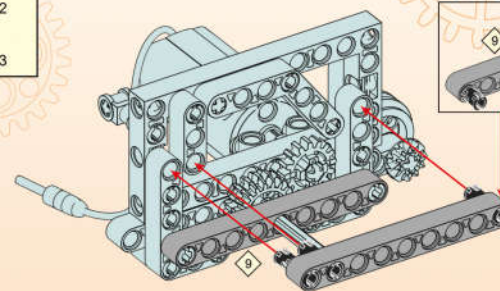
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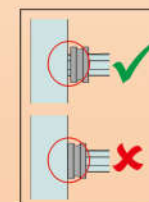
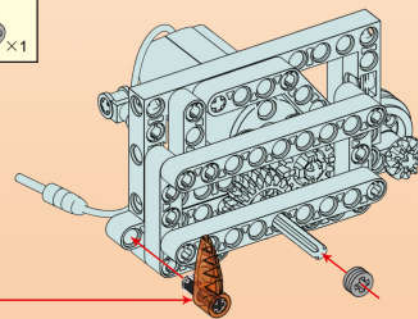
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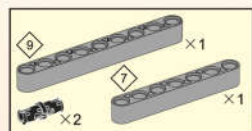
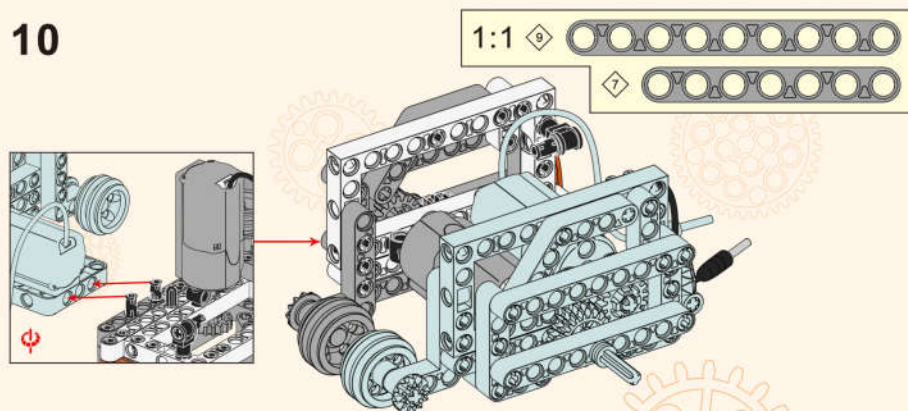
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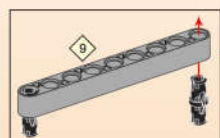
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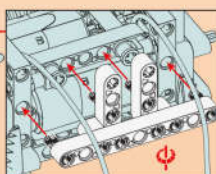
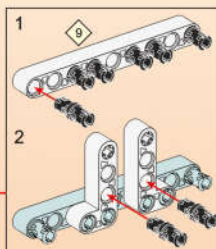
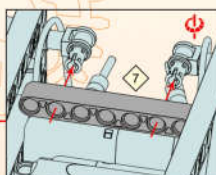
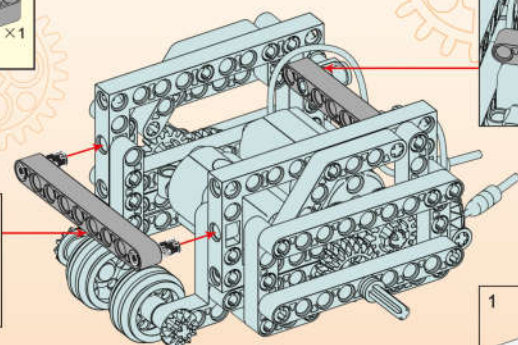
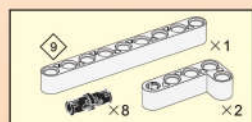
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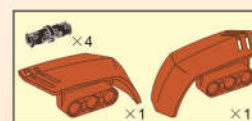
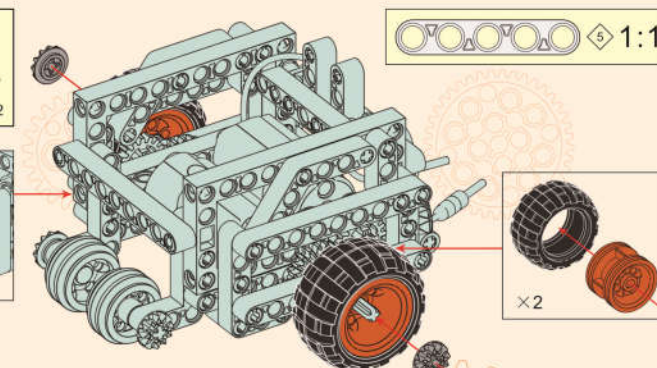
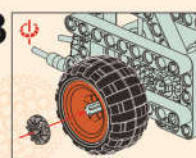
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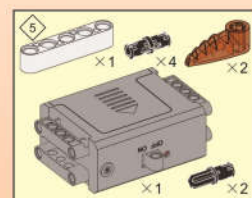
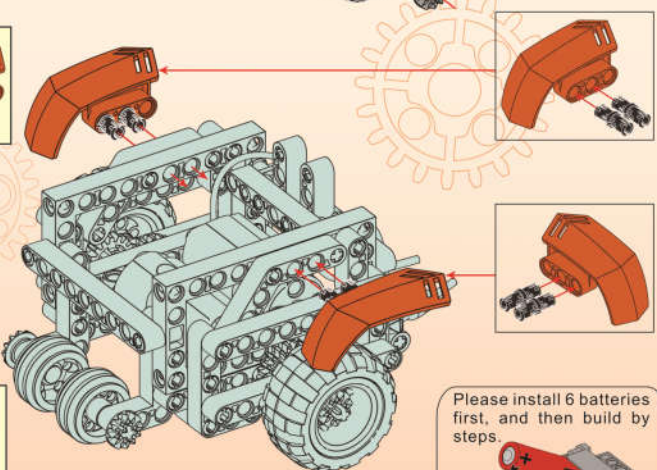
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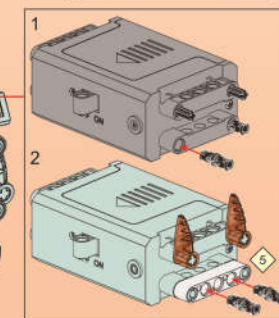
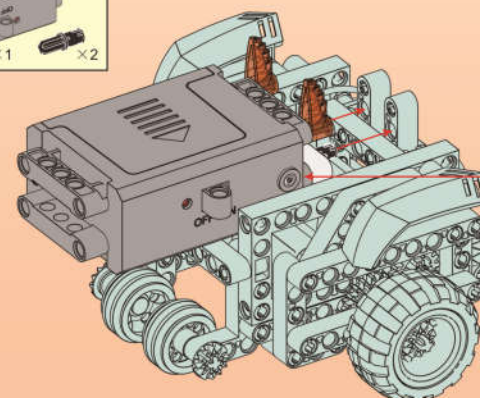
13



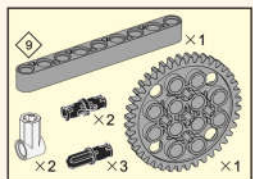
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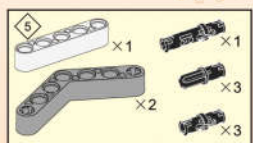
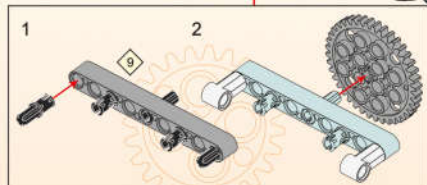
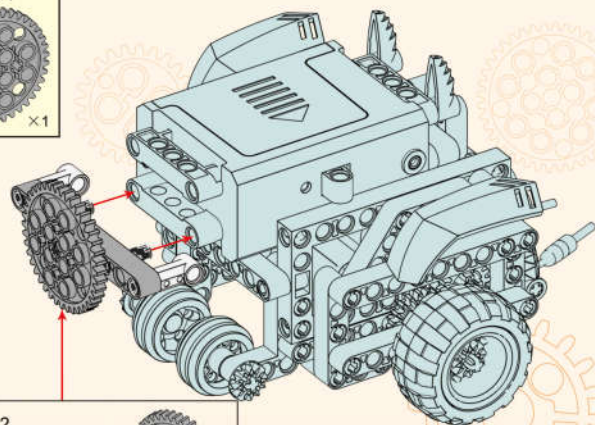
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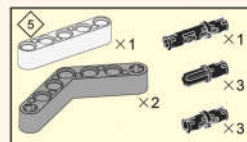
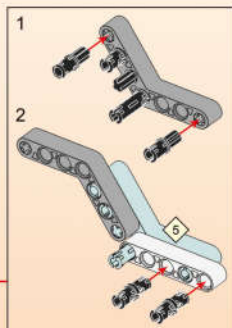
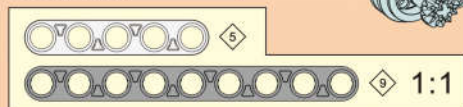
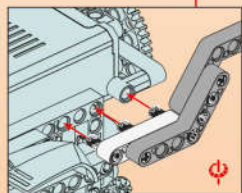
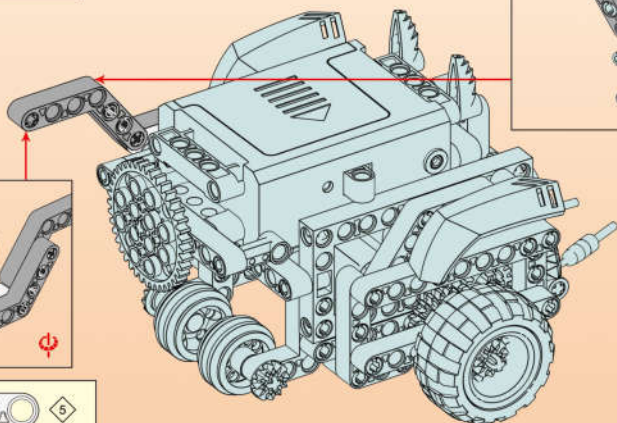
Please install 6 batteries first, and then build by steps.



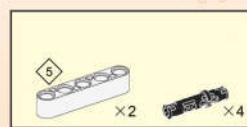
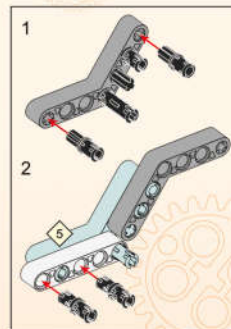
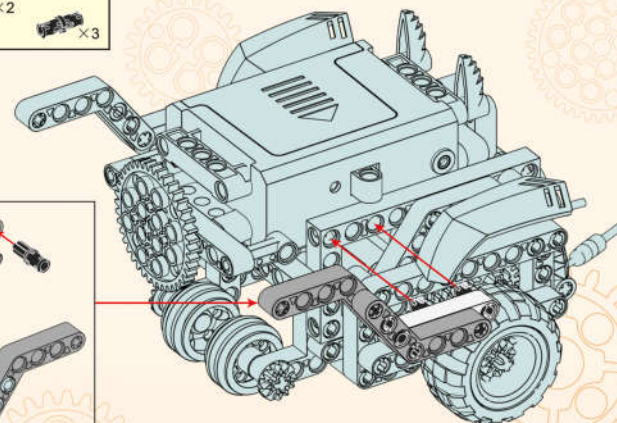
16



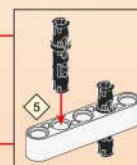
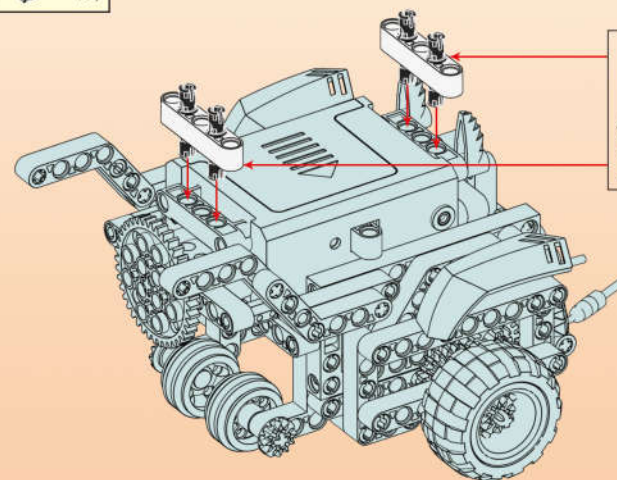
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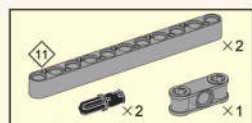


18

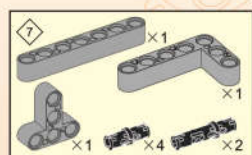
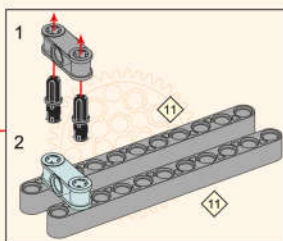
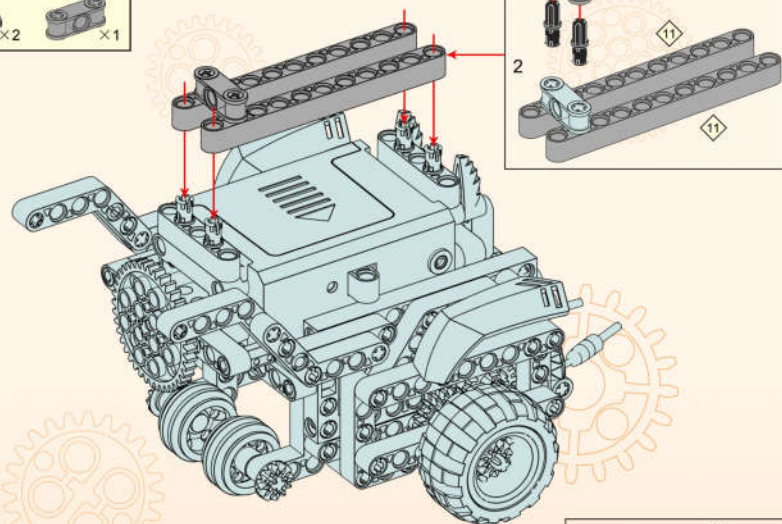


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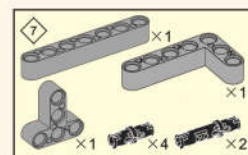
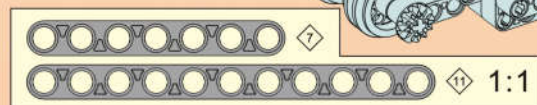
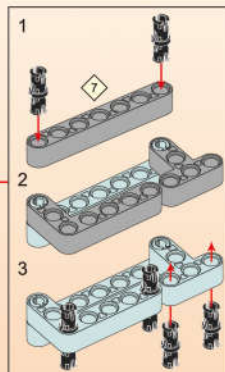
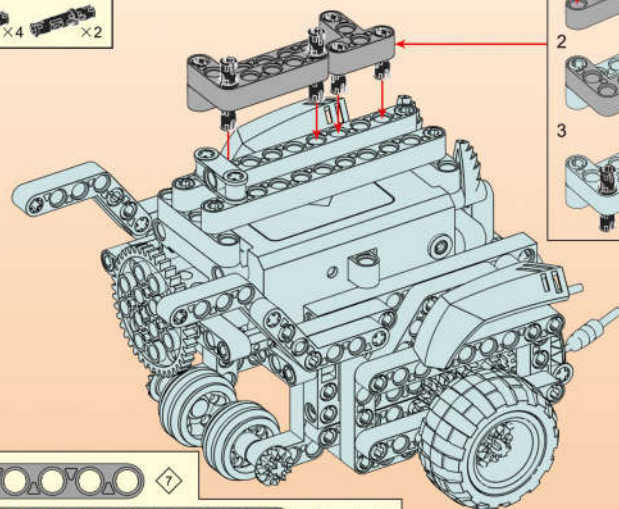




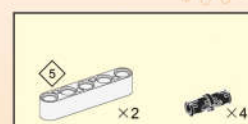
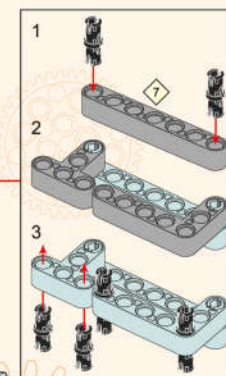
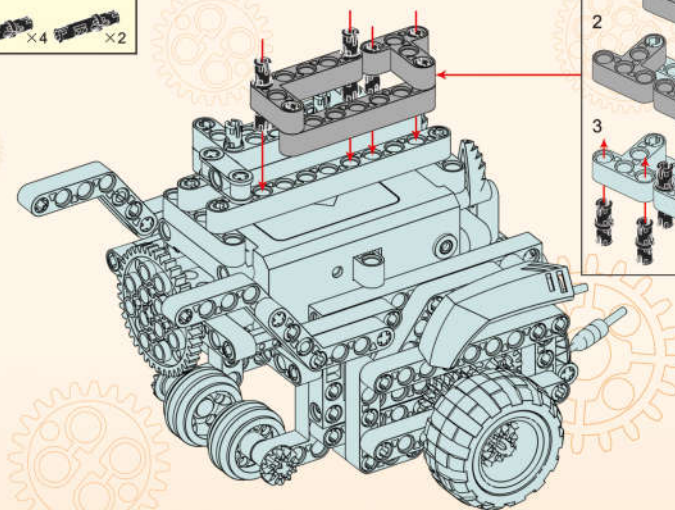
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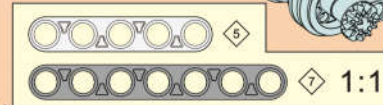
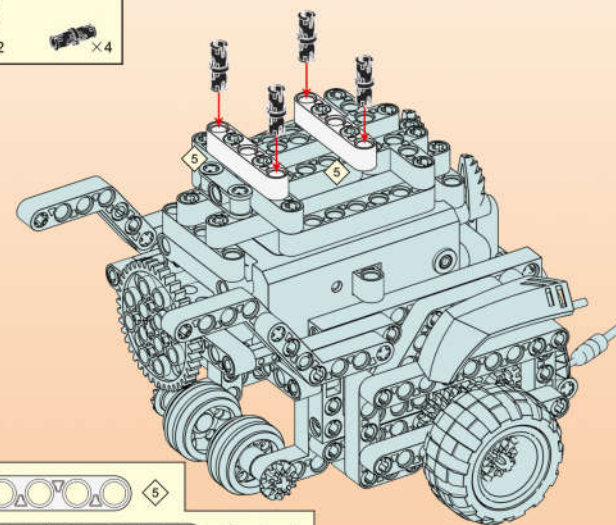
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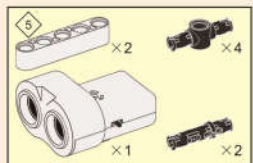


22

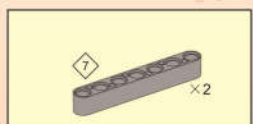
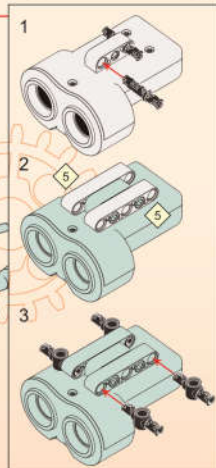
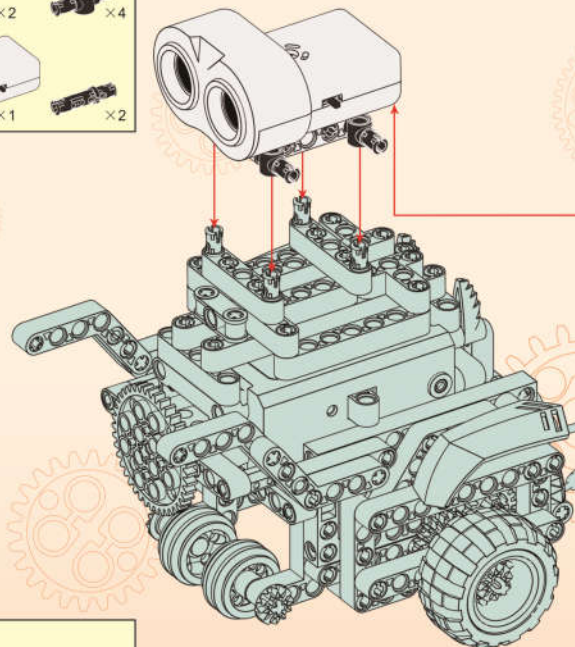


23

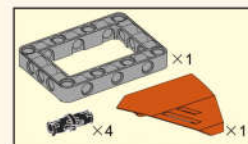
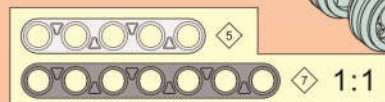
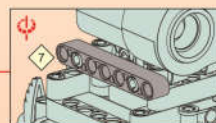
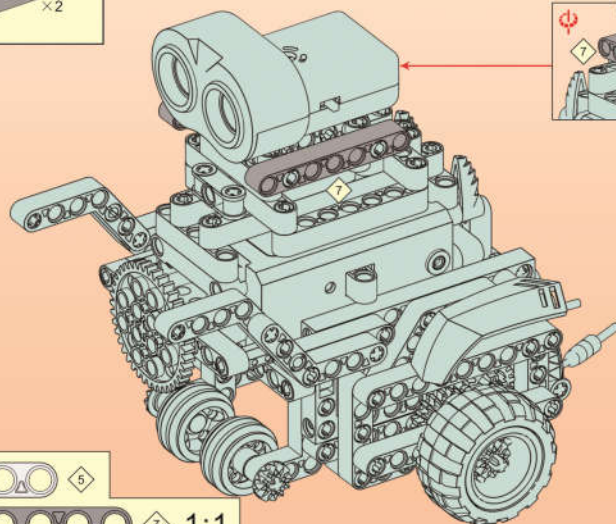




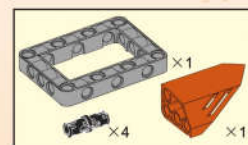
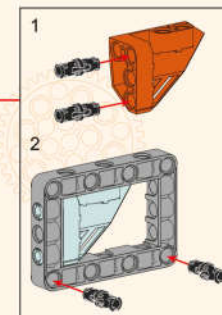
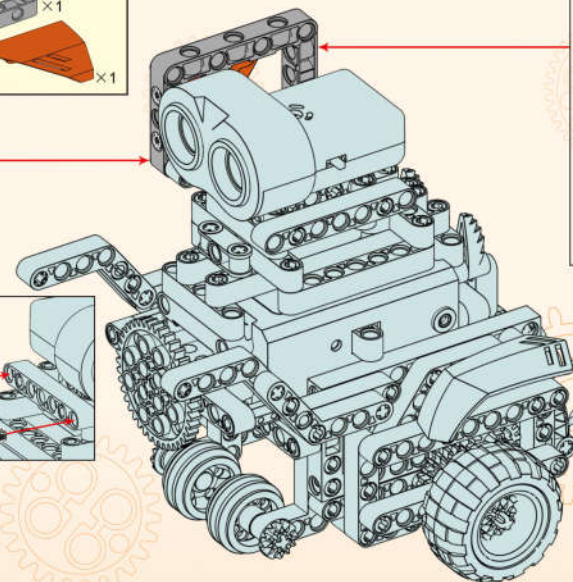
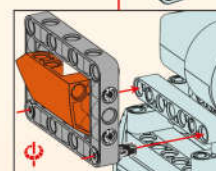
24



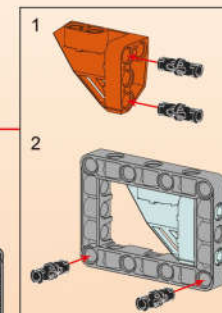
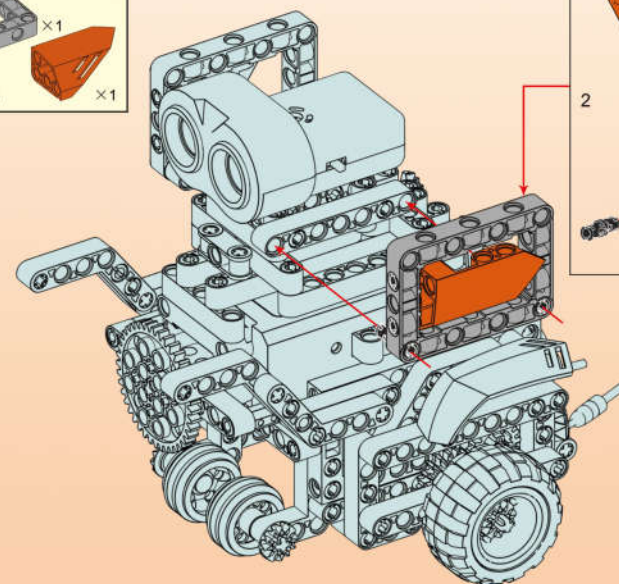
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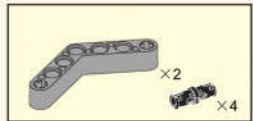


26

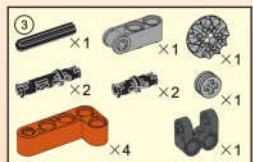
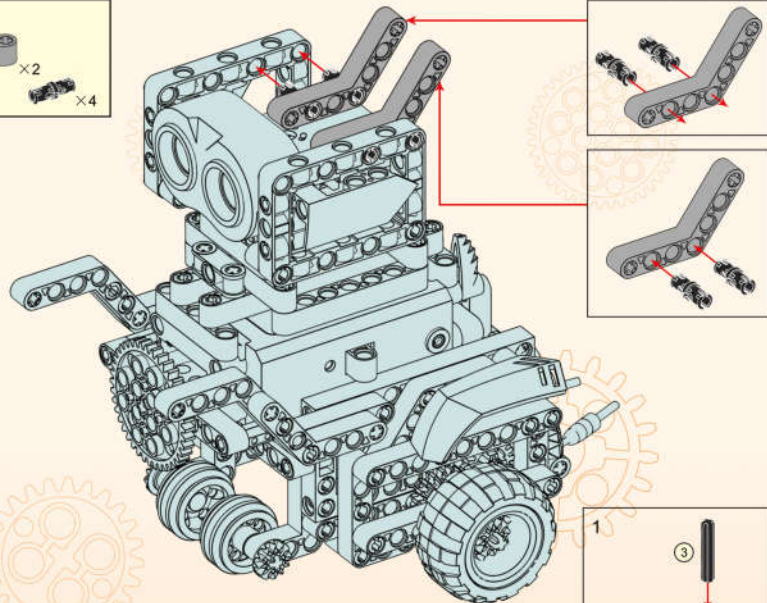


27

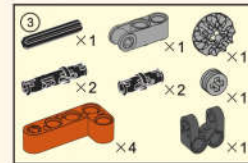
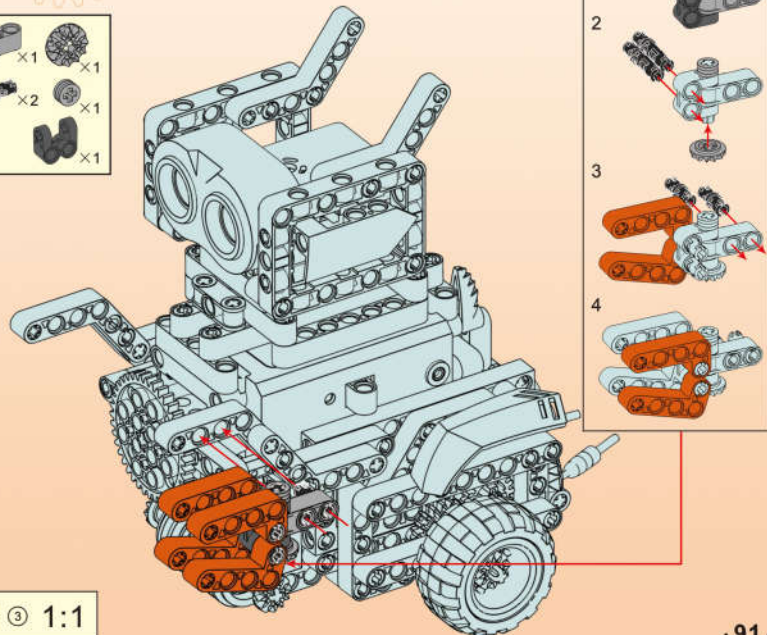




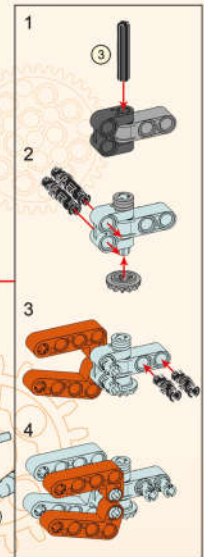
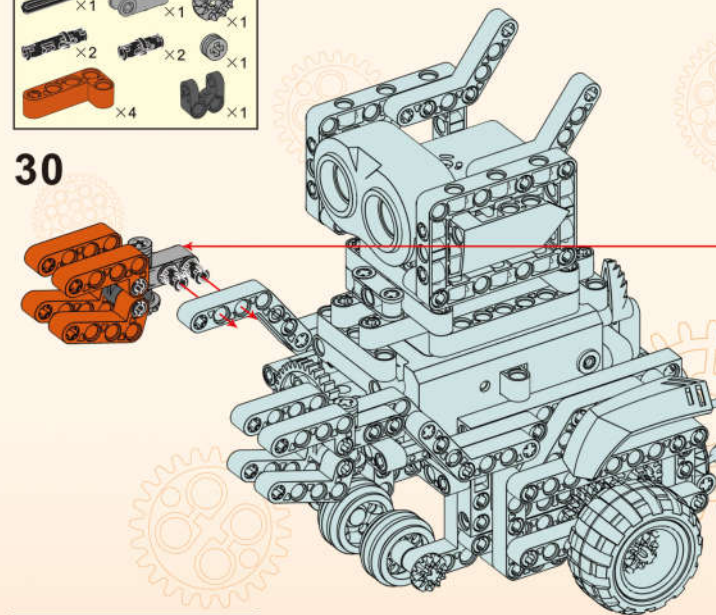
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