

**LEGO** MINDSTORMS®  
EV3

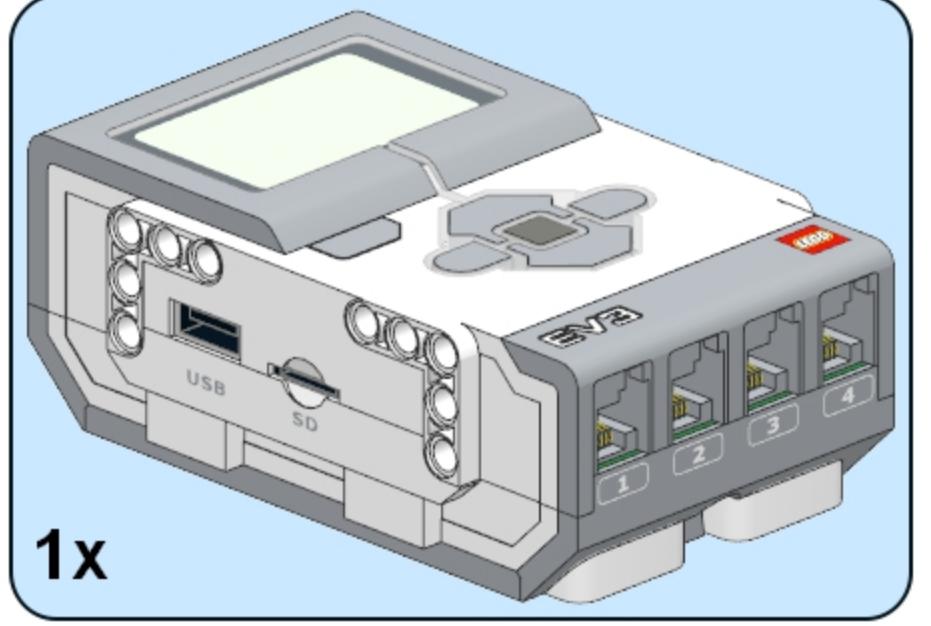
# ROBODOZ3R



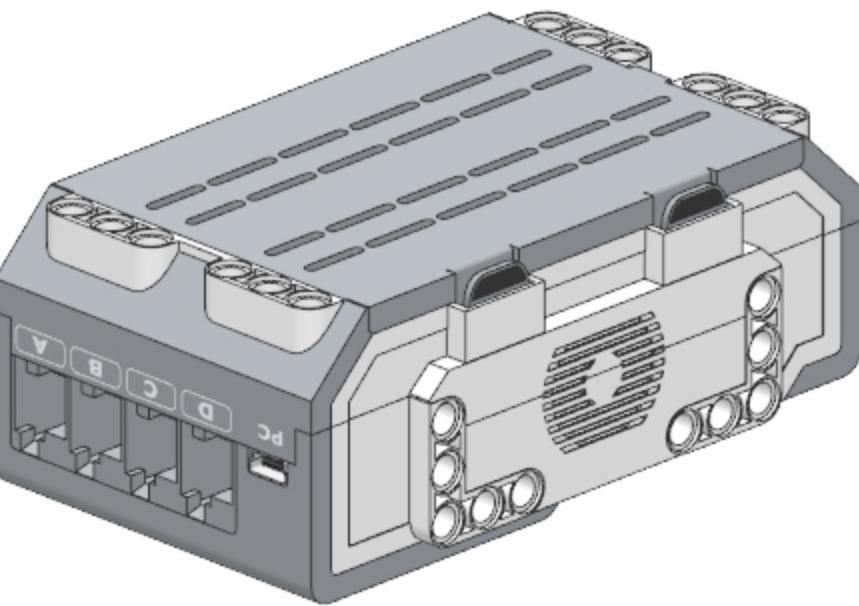
Model Design  
and Programming Instructions  
by: **Mark Crosbie**

Building Instructions  
by: **Mark Crosbie &**  
**Philippe "Philo" Hurbain**

1



1x

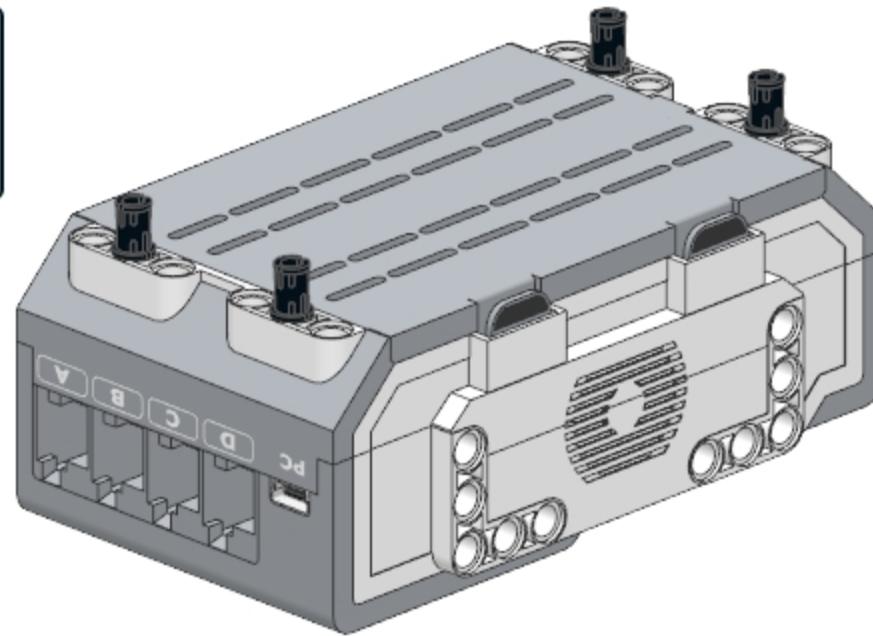


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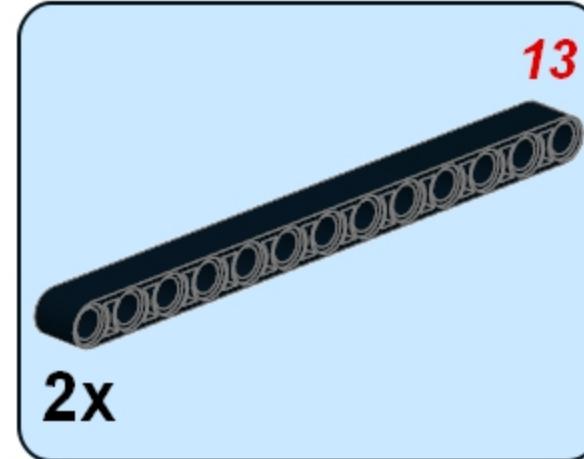
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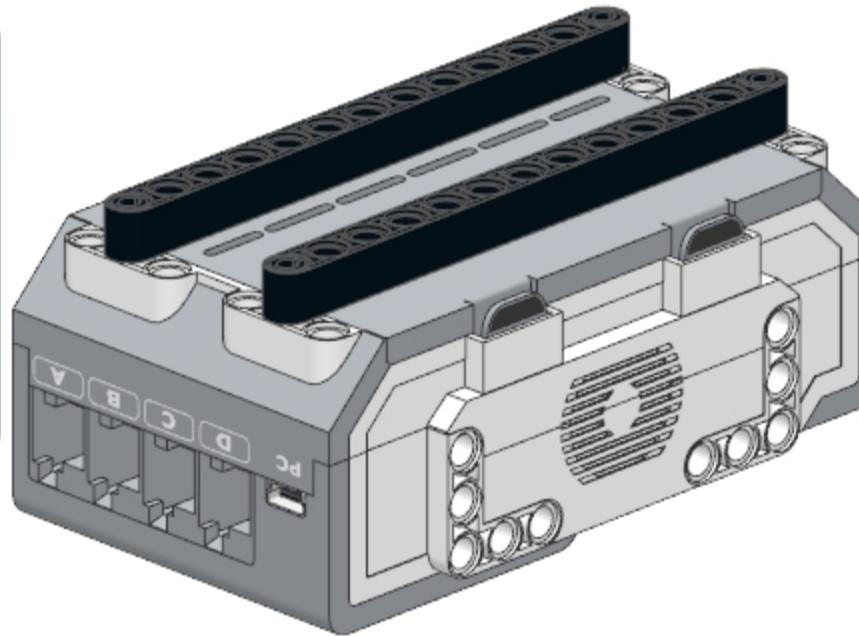
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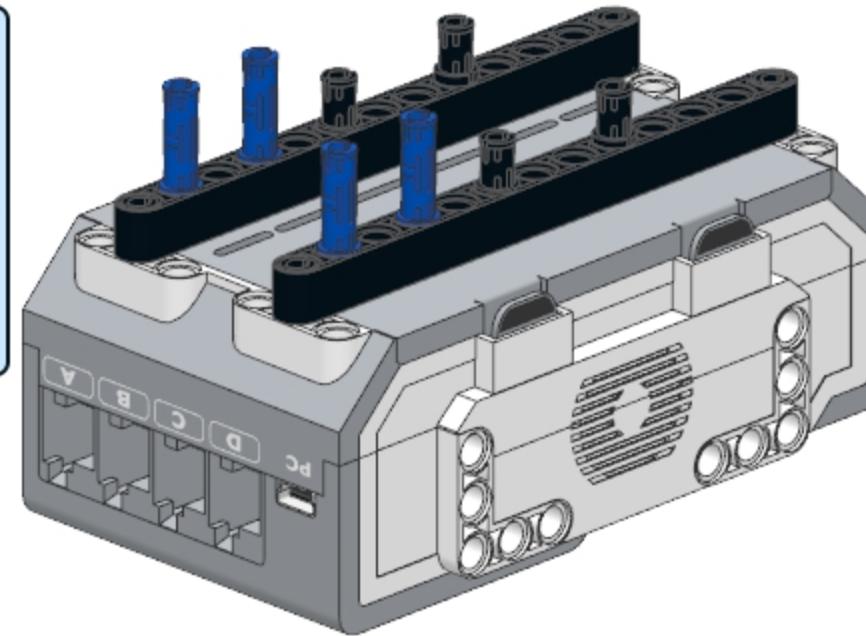
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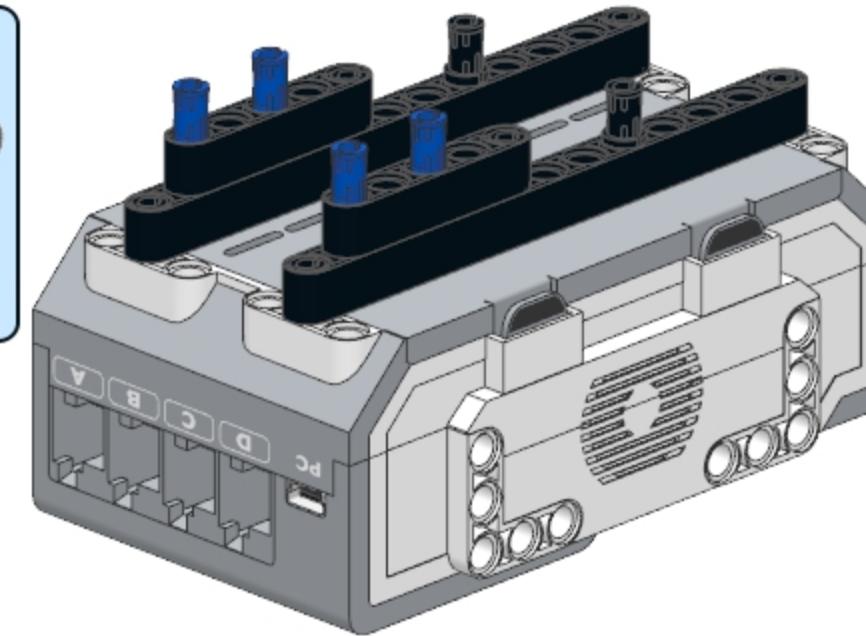
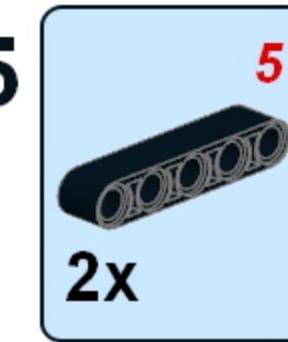
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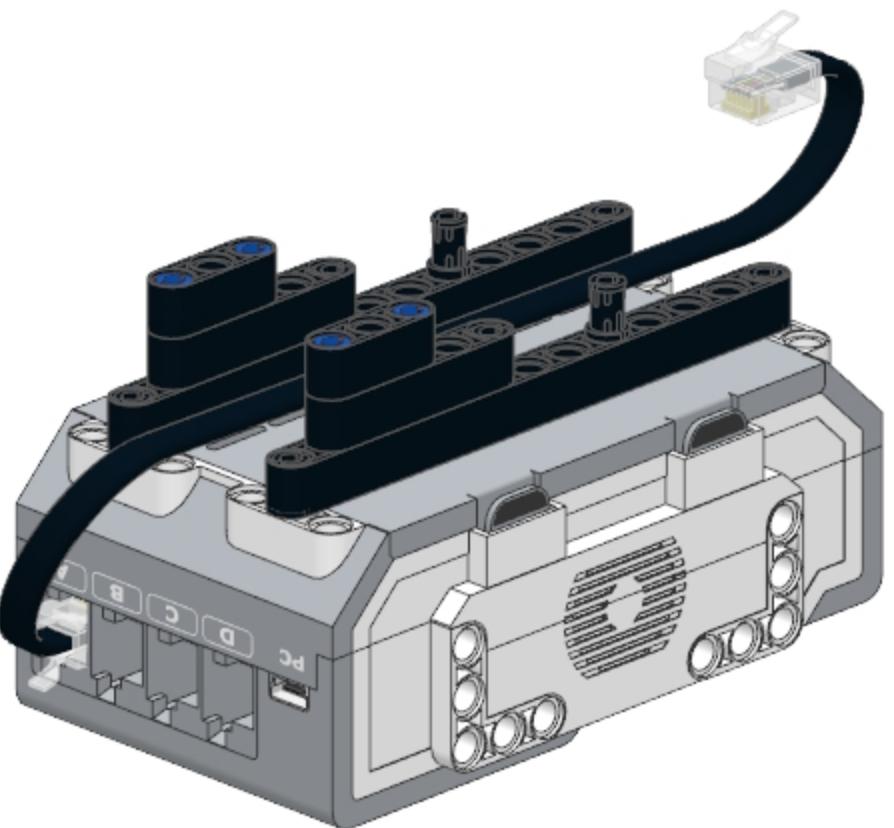
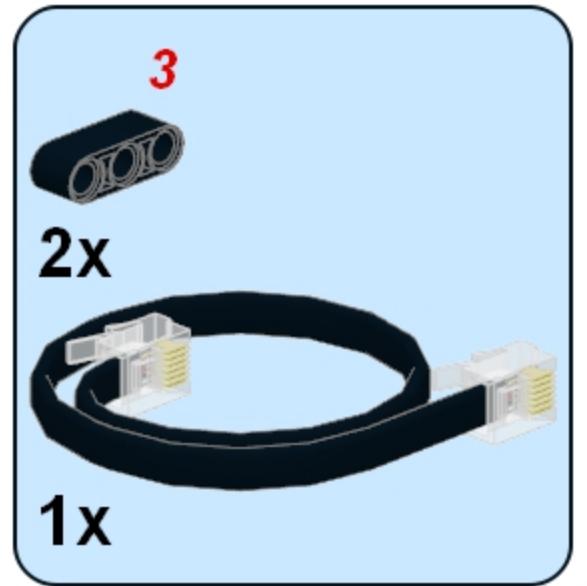
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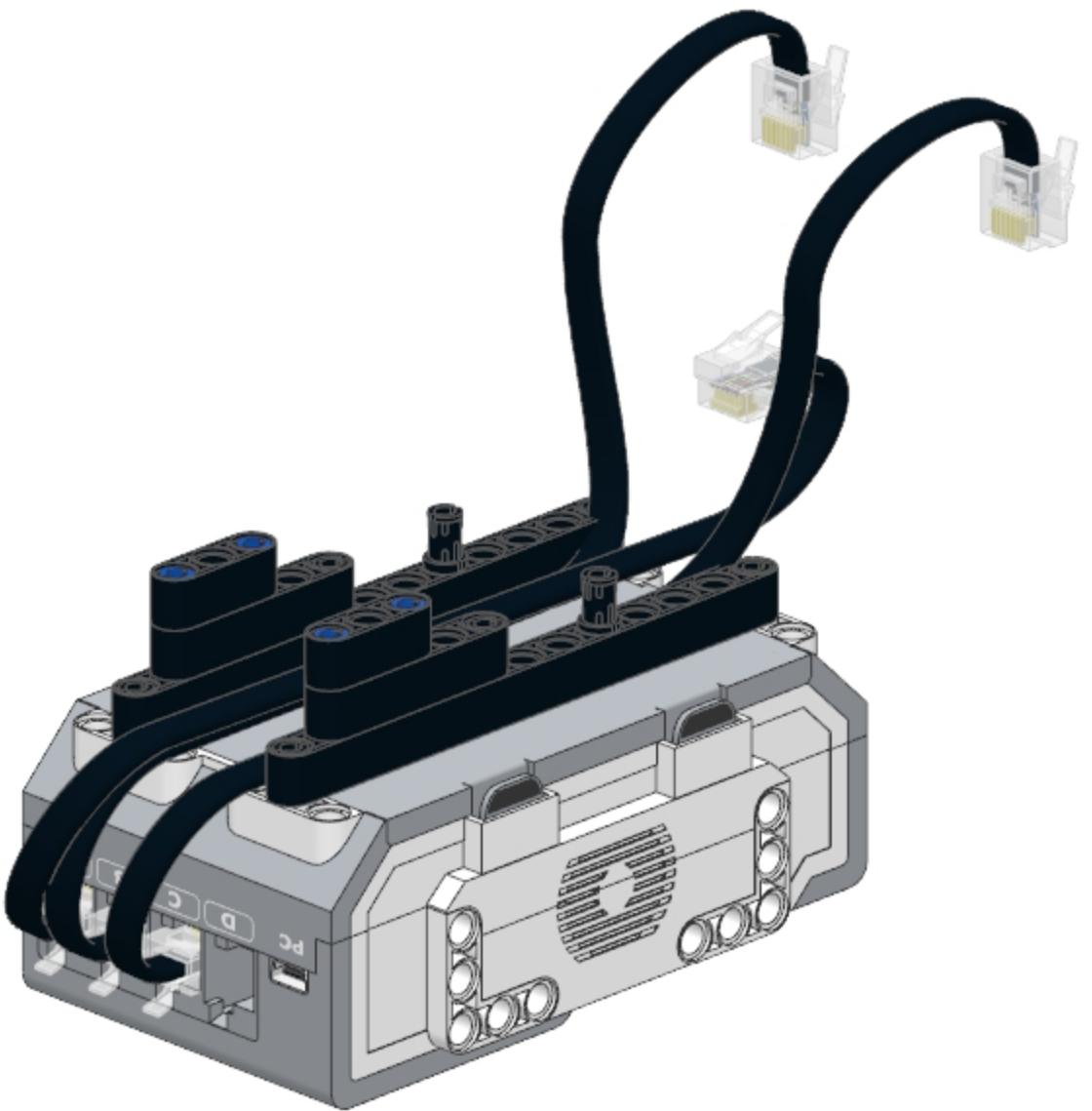
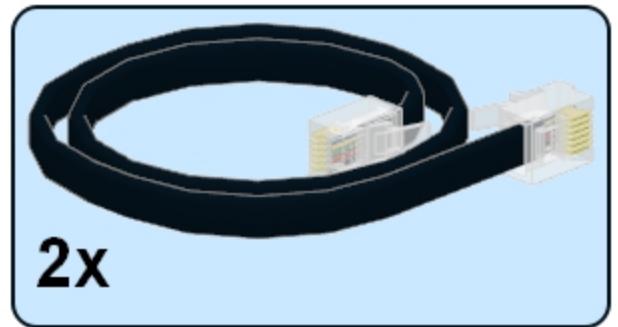
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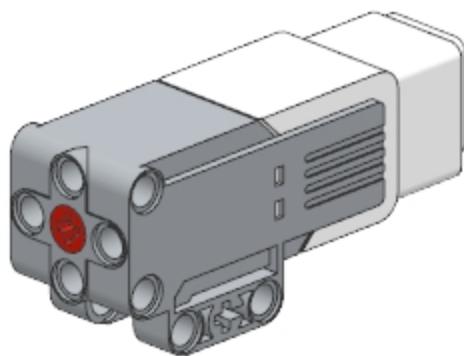
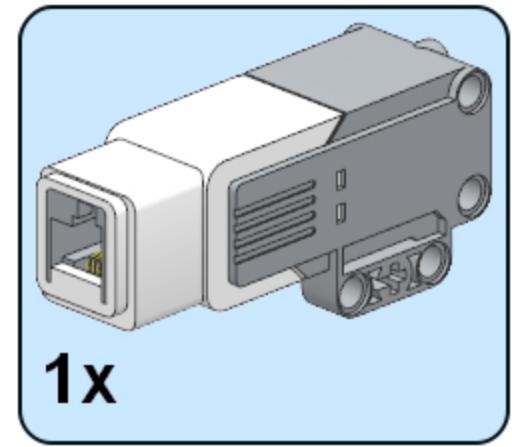
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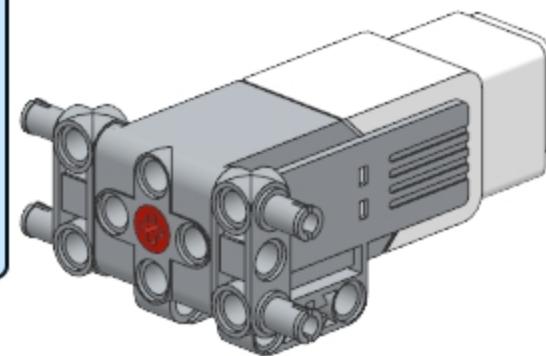
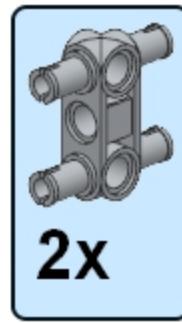
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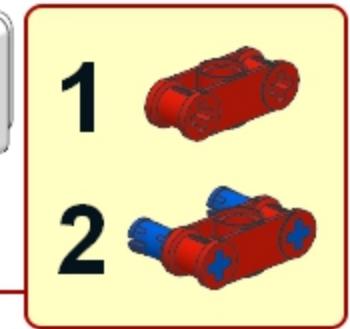
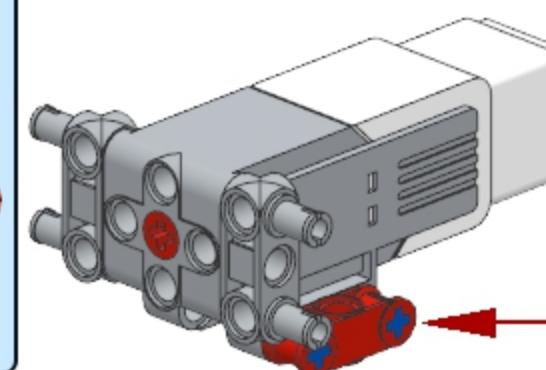
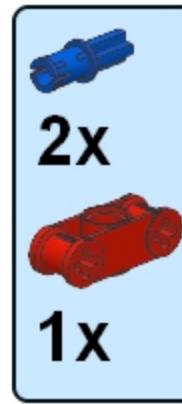
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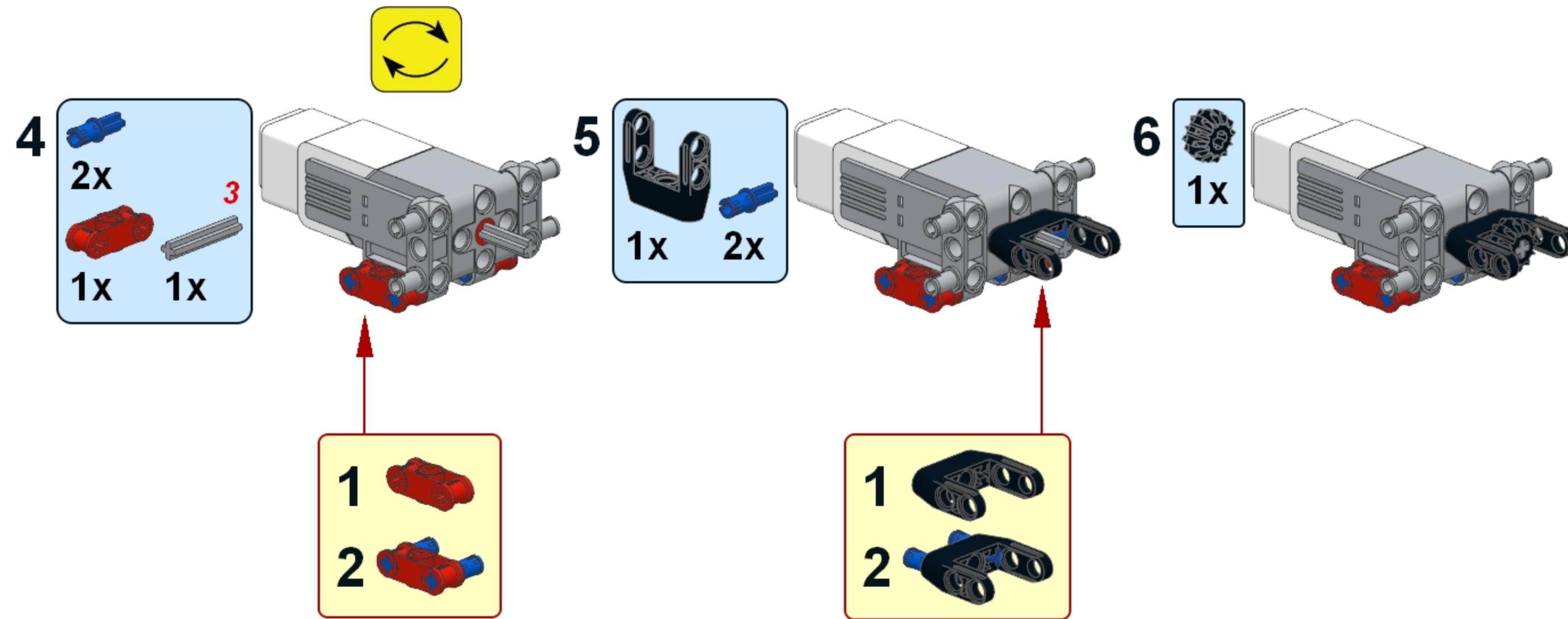


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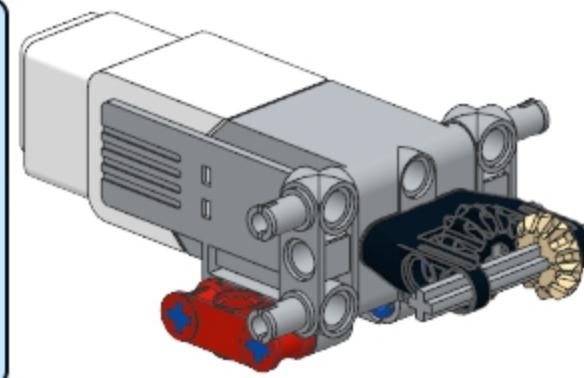
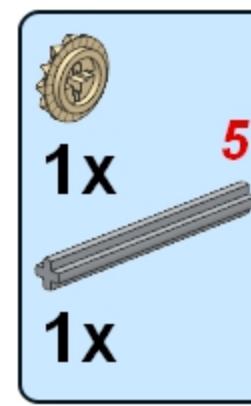


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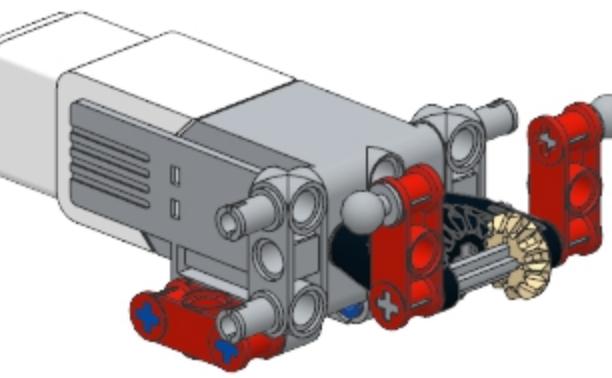




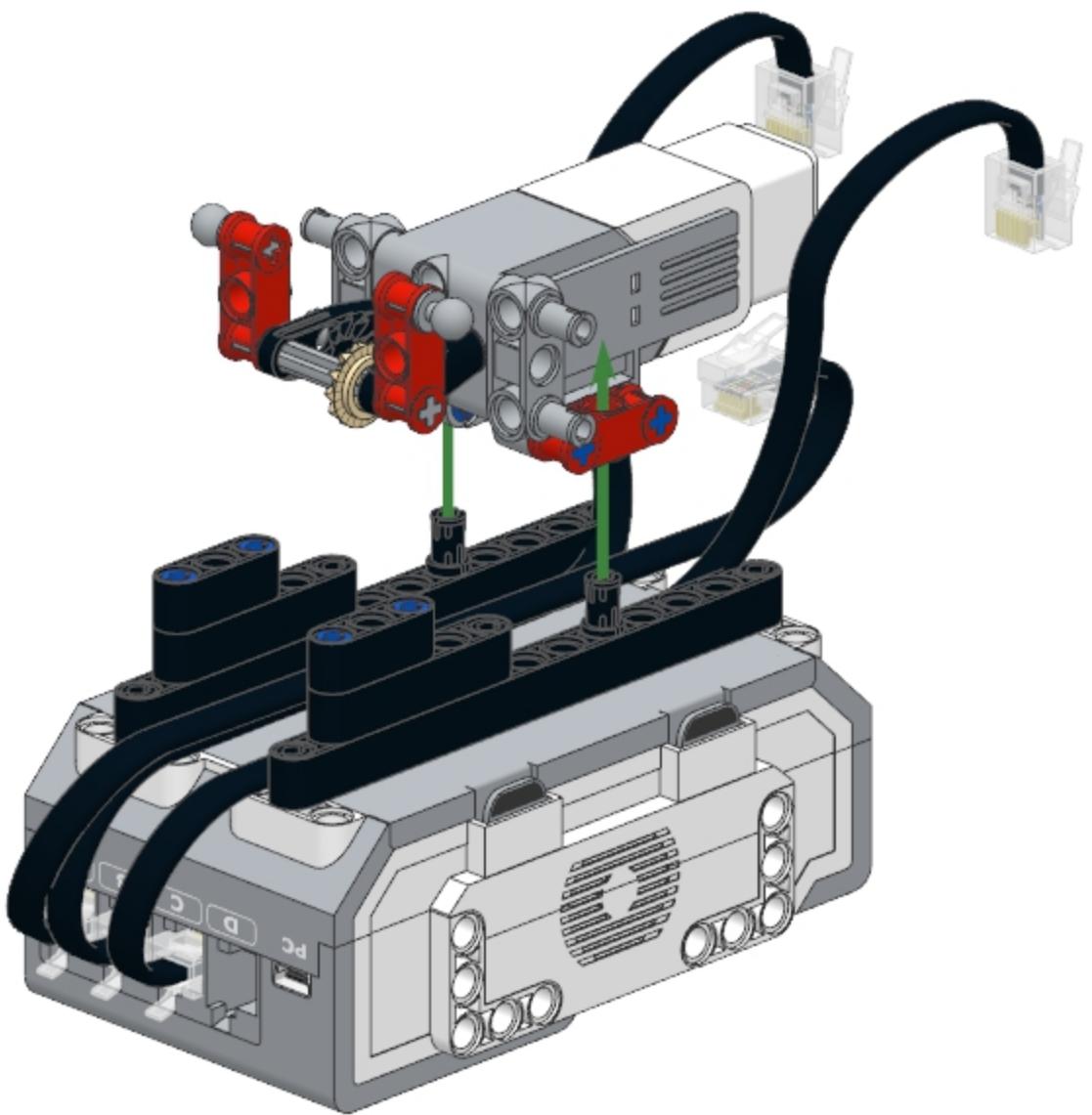
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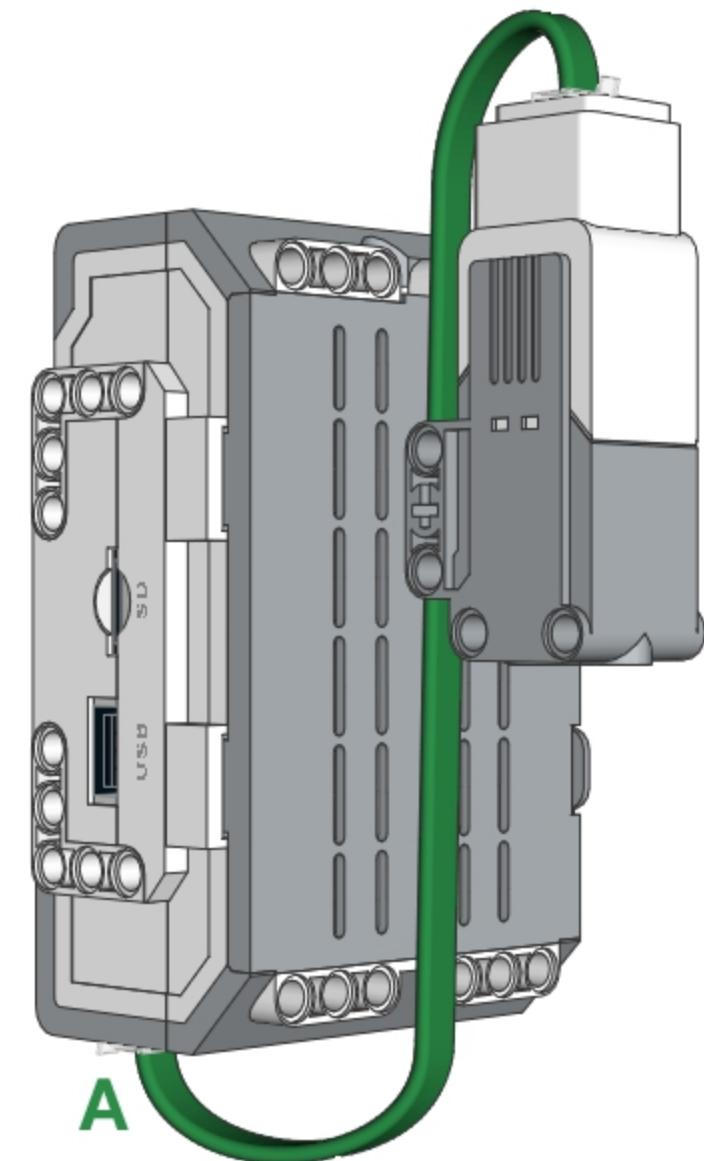
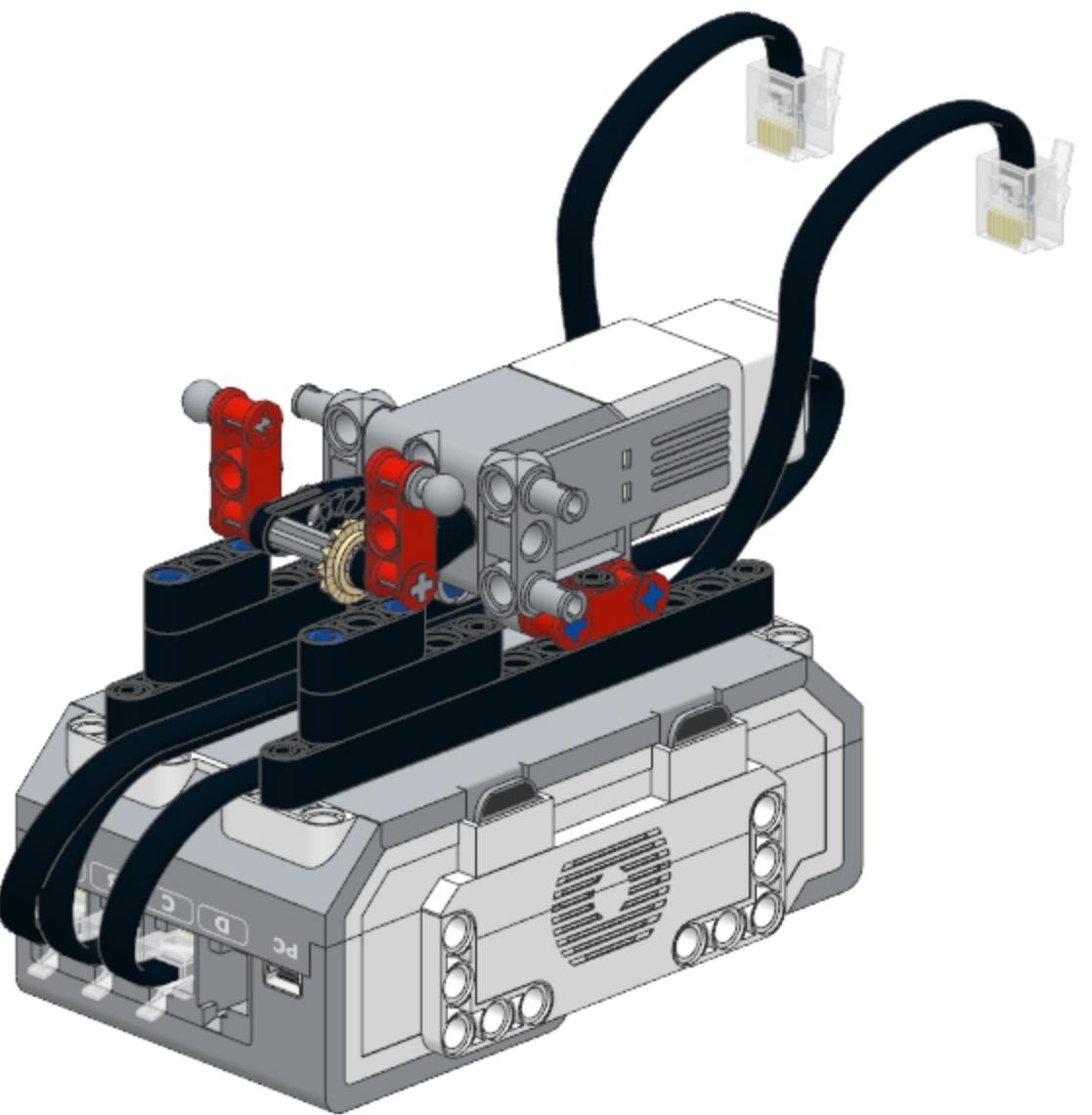
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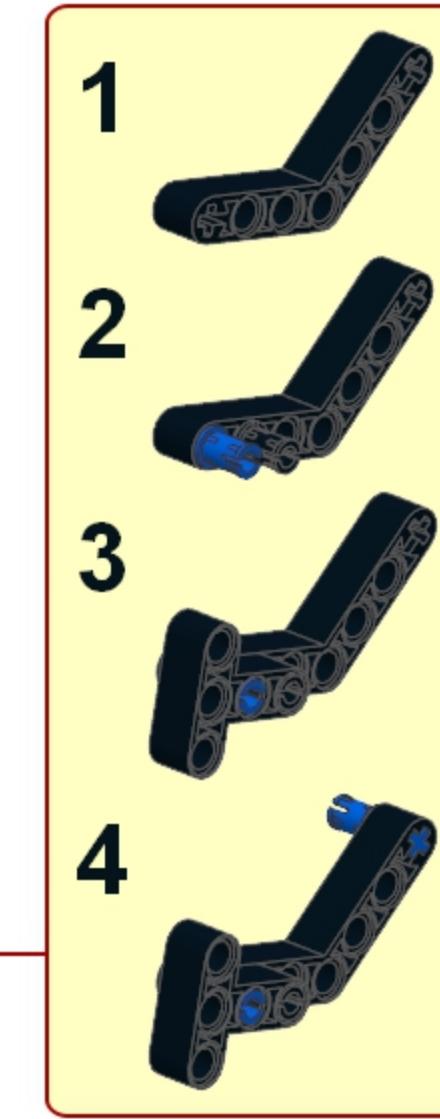
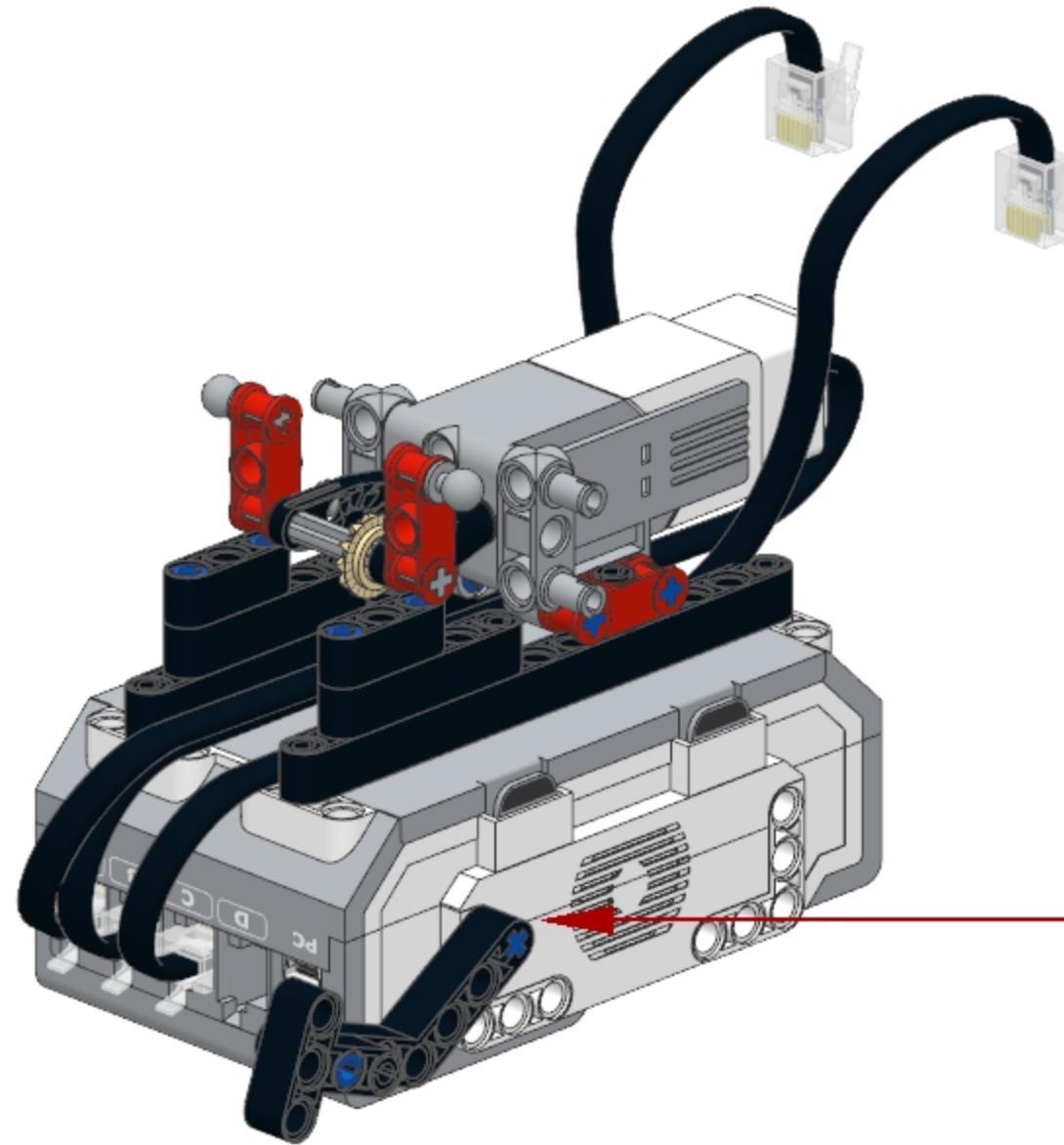
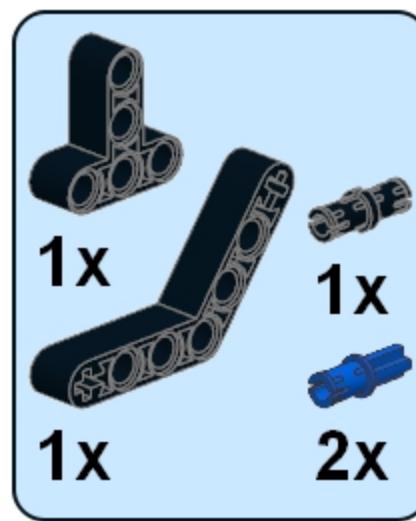
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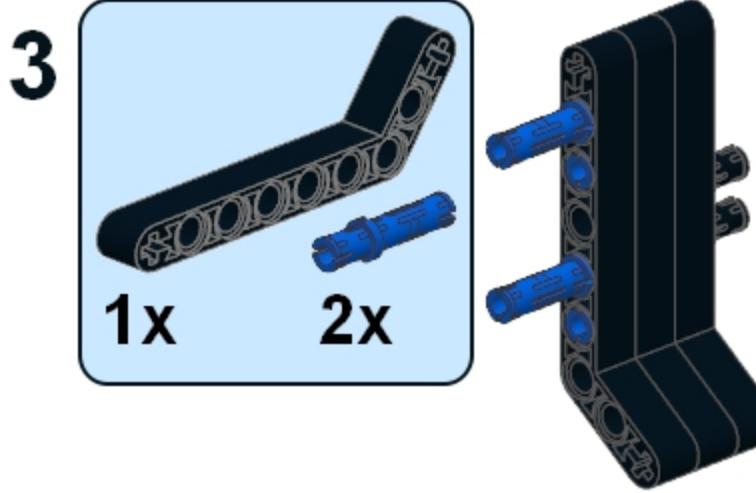
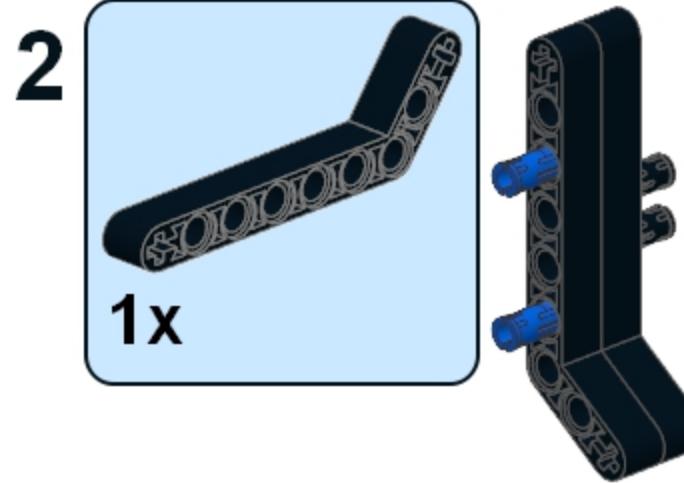
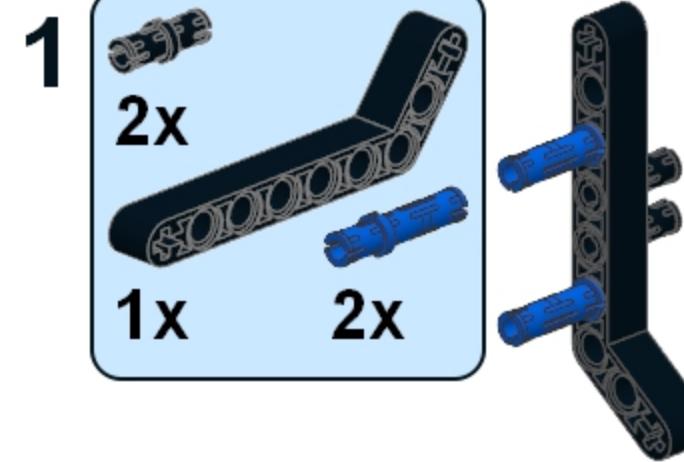


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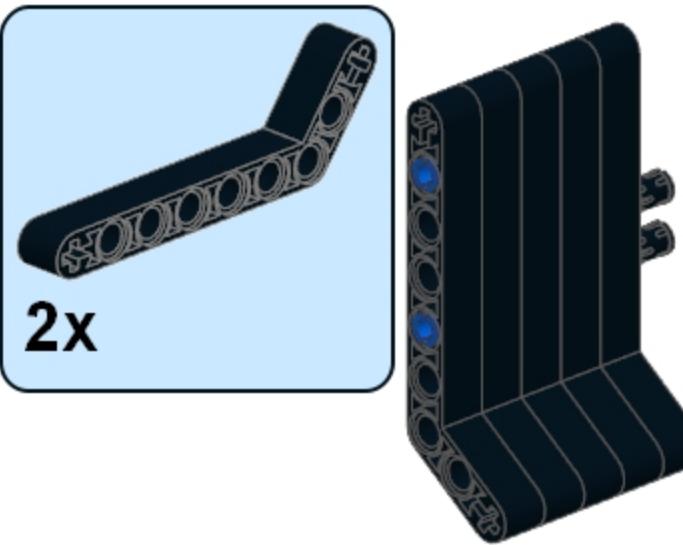


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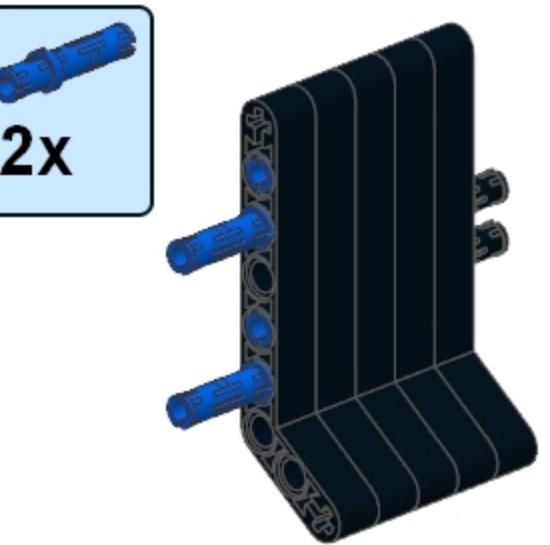


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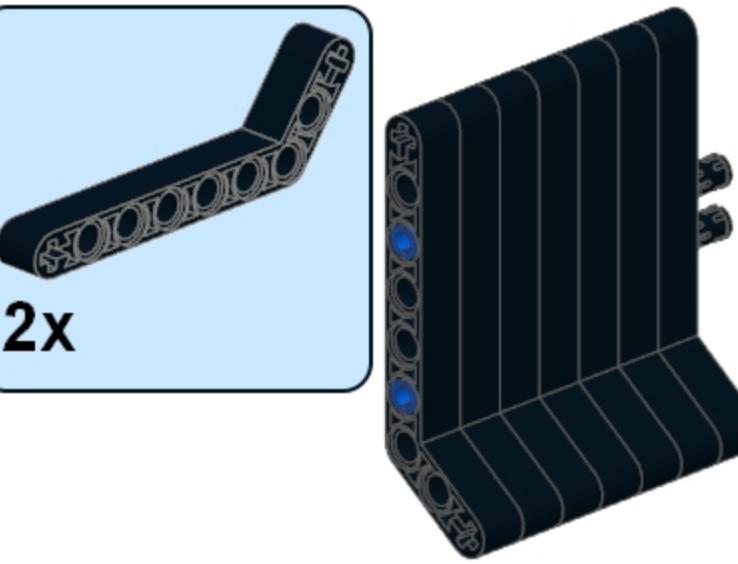
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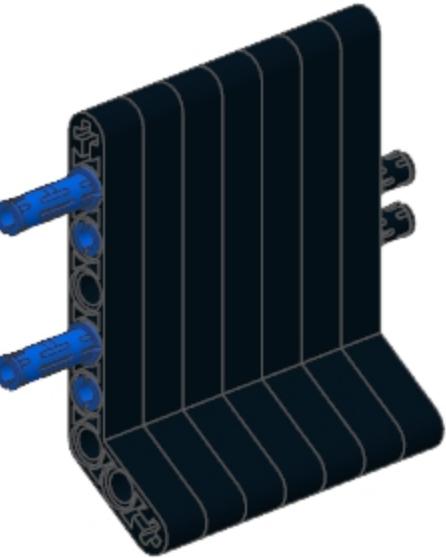


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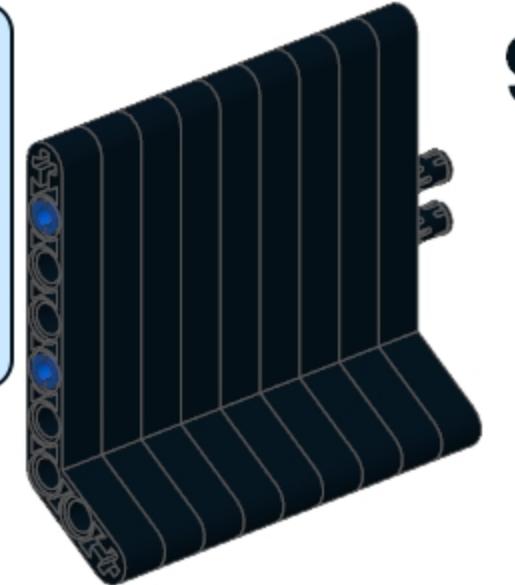
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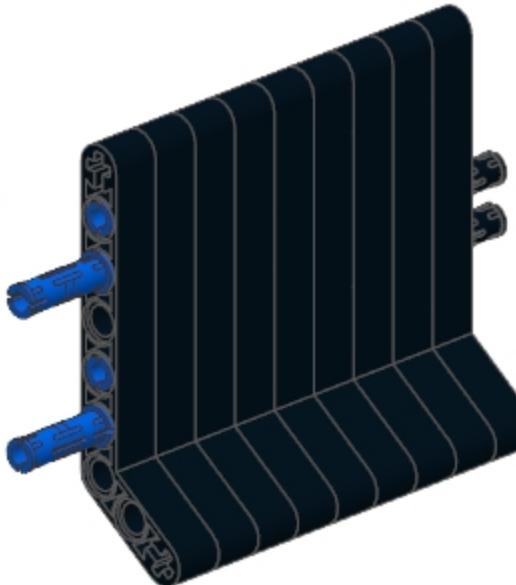
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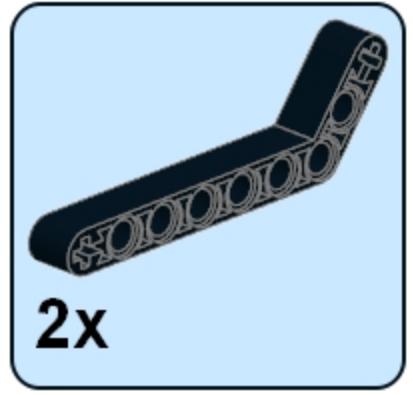
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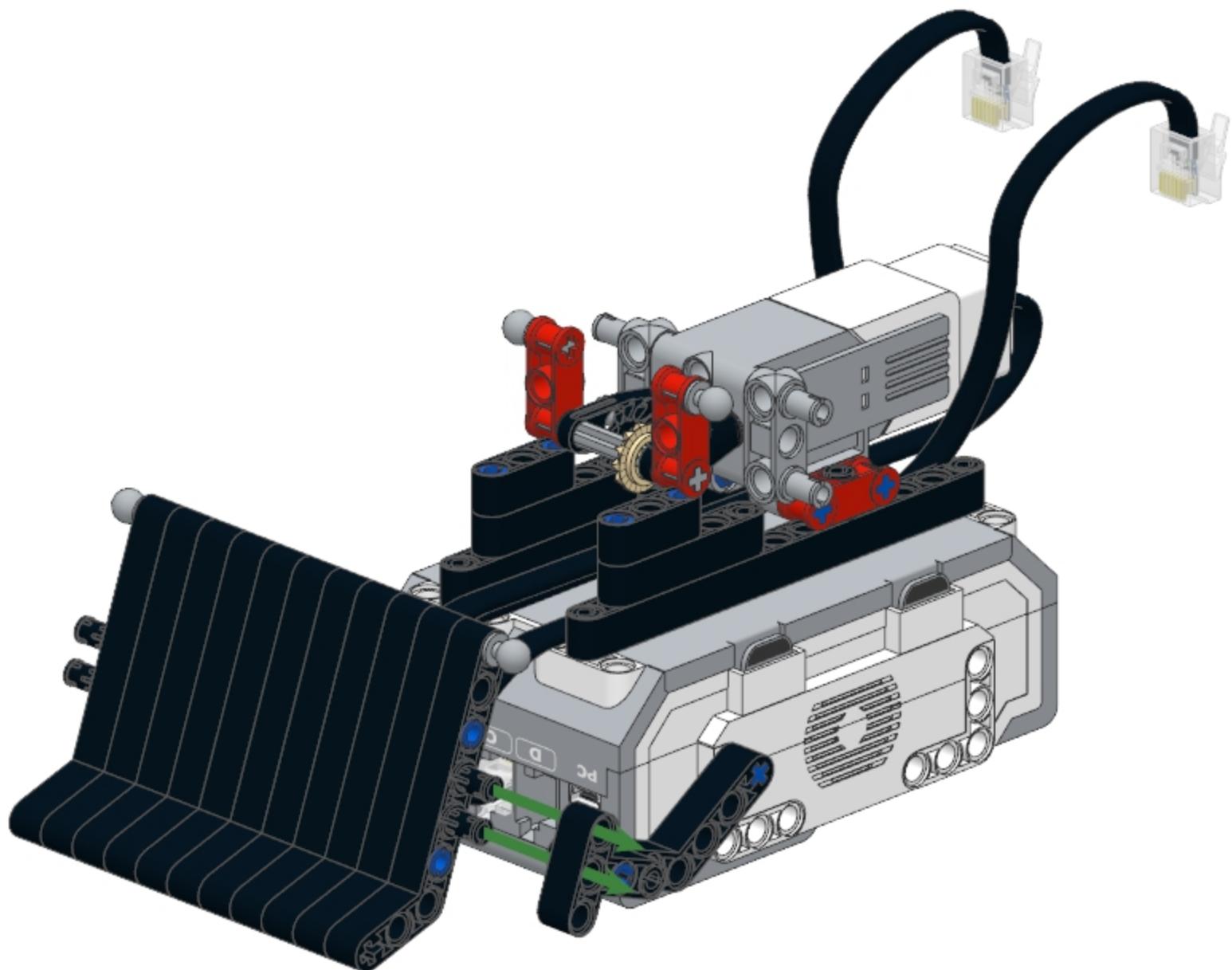


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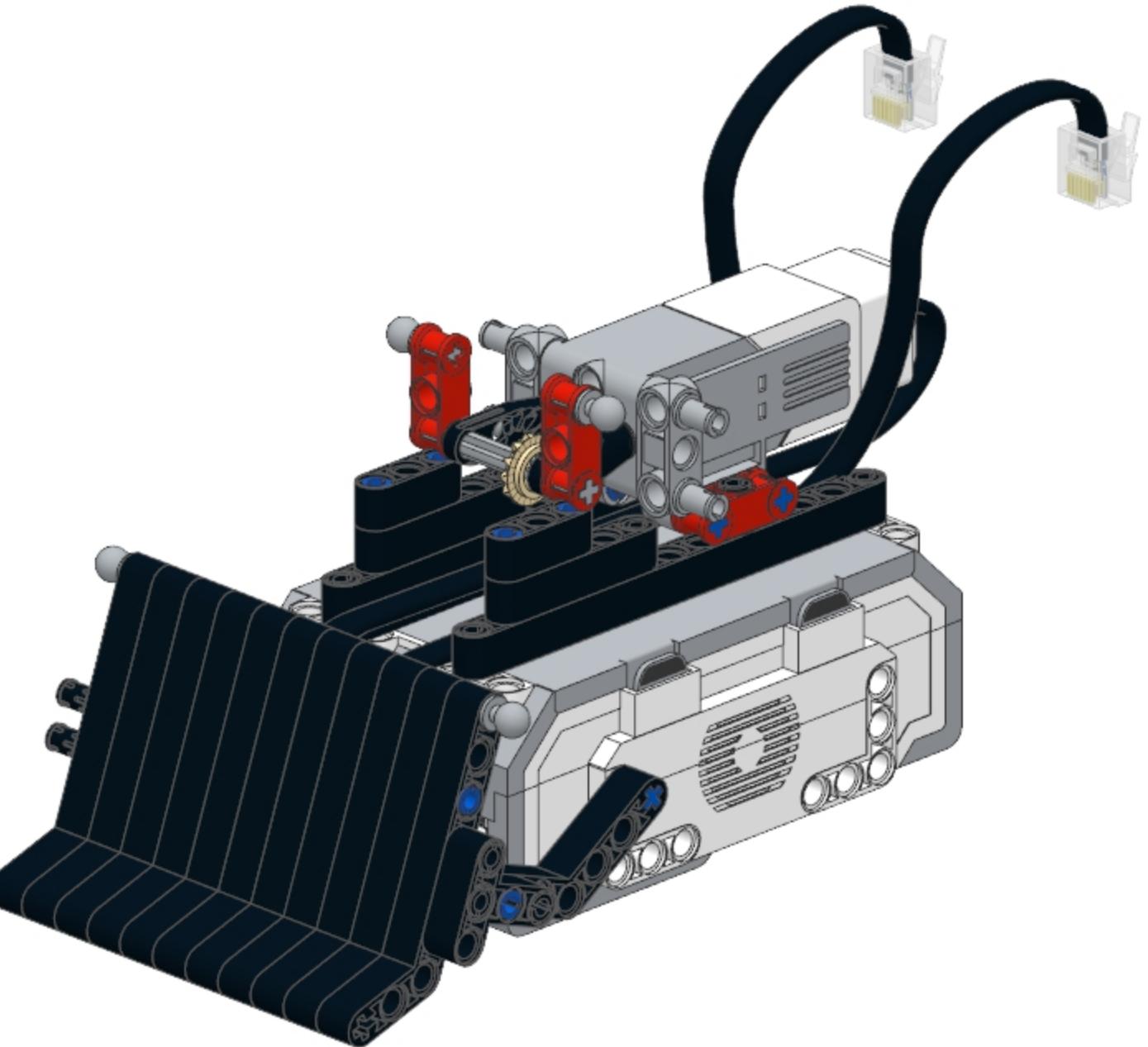


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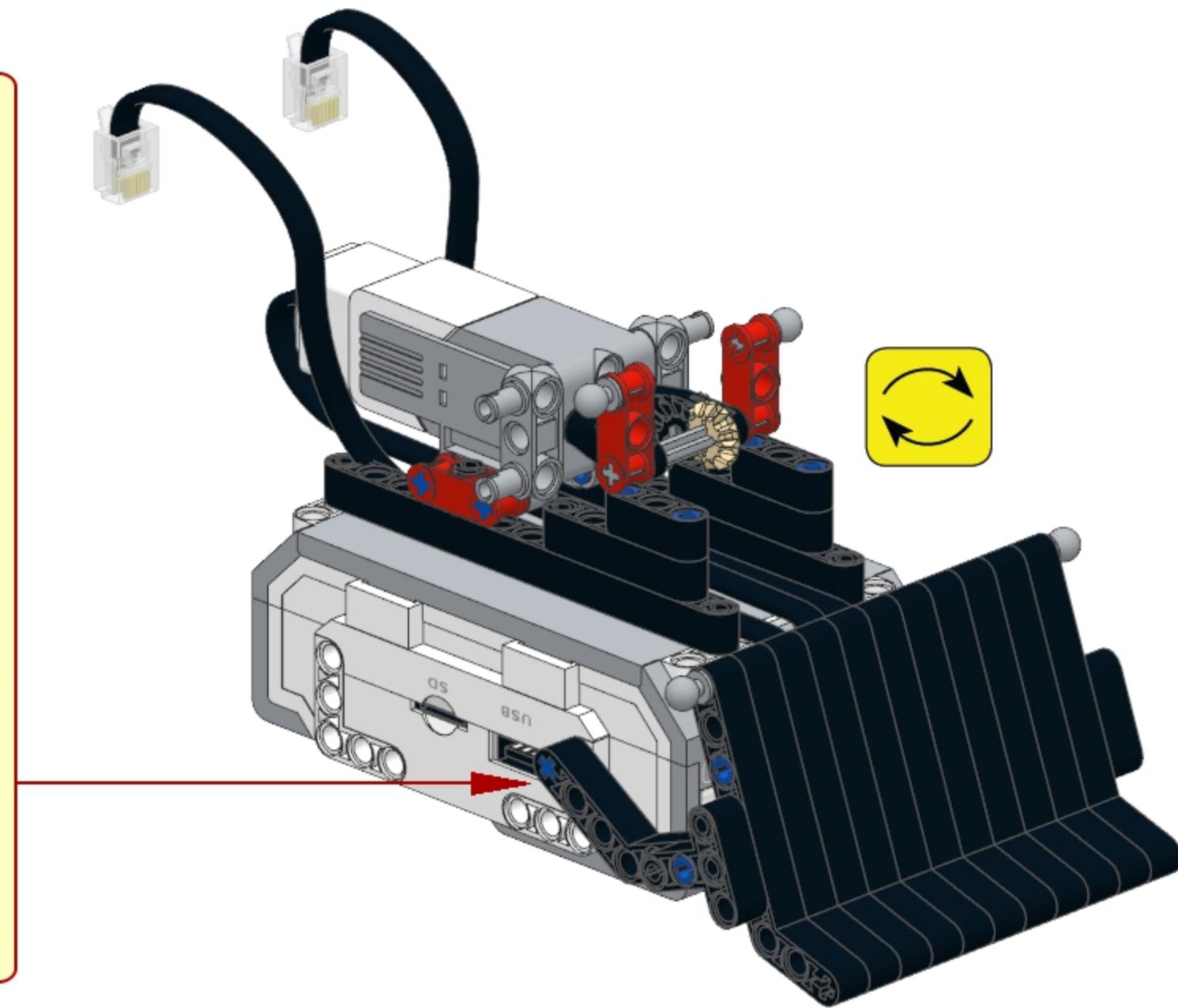
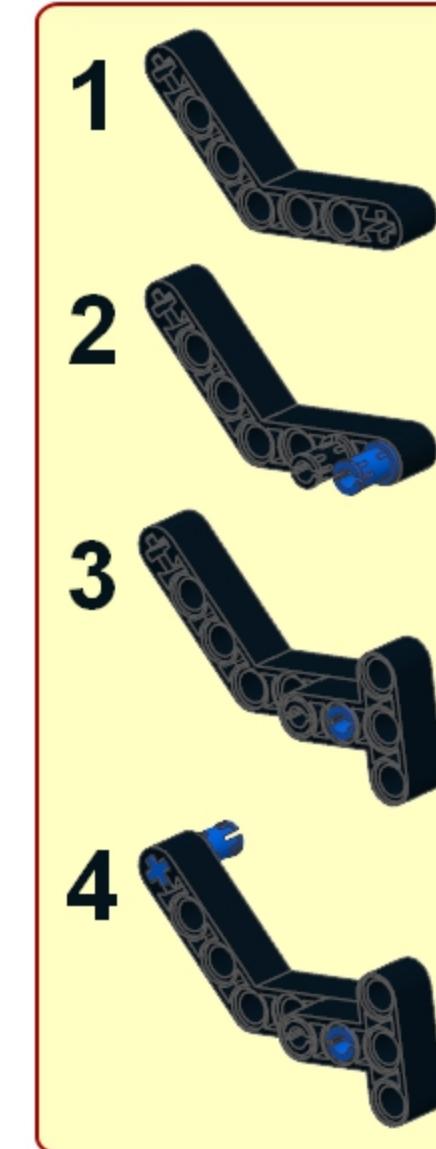
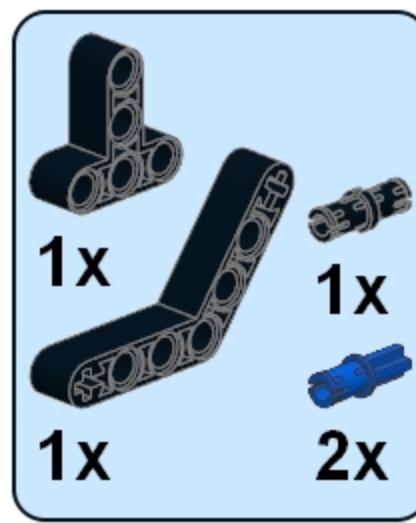


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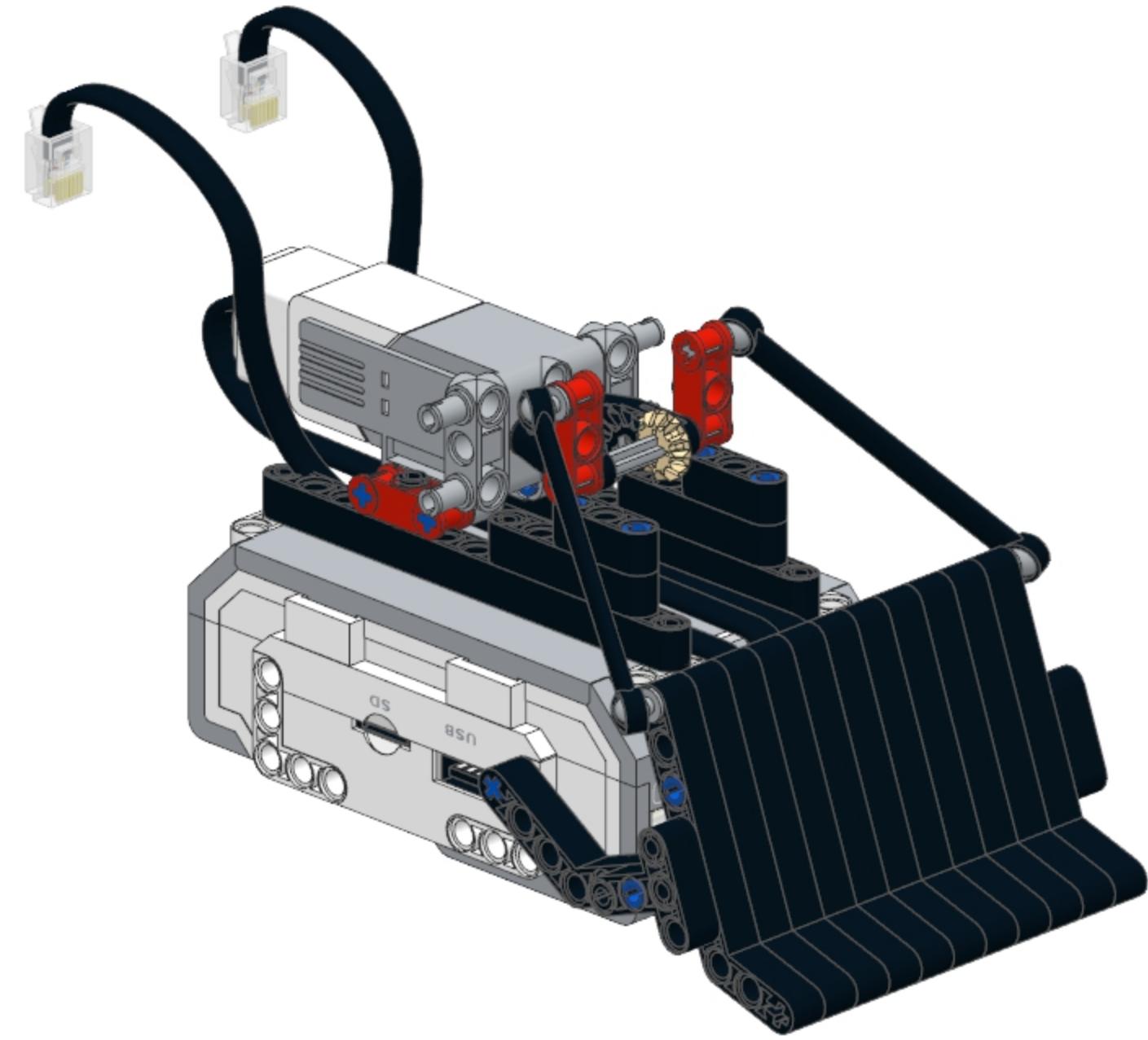
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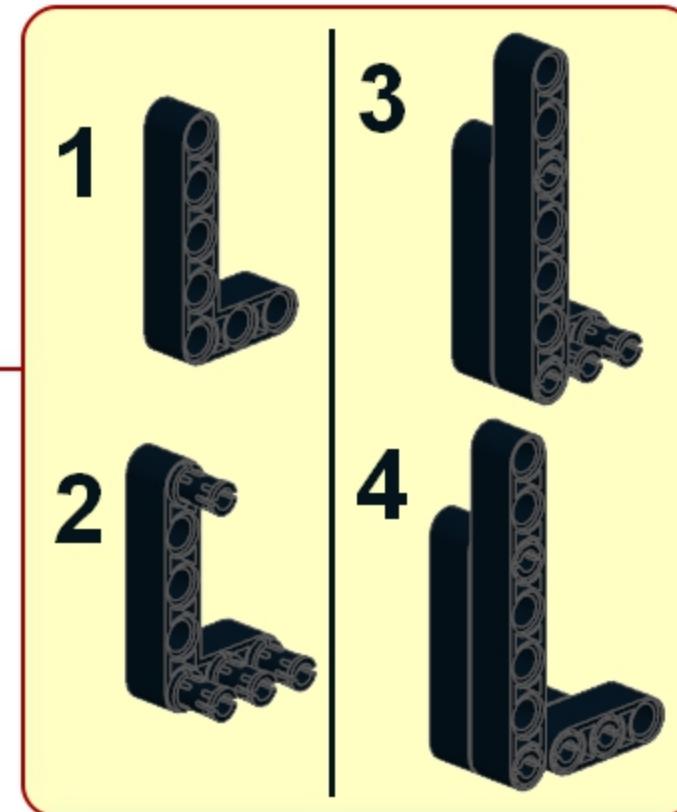
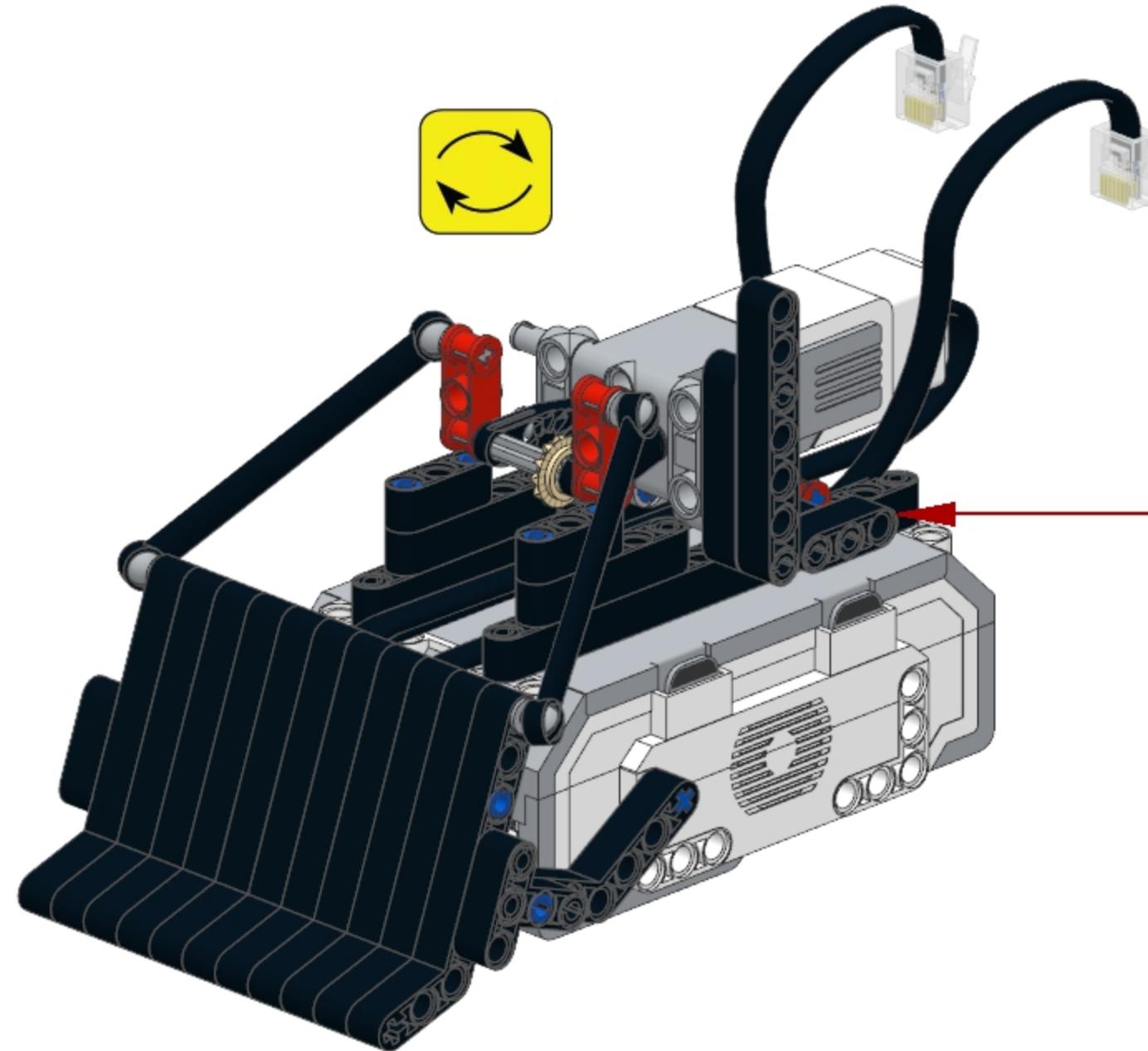
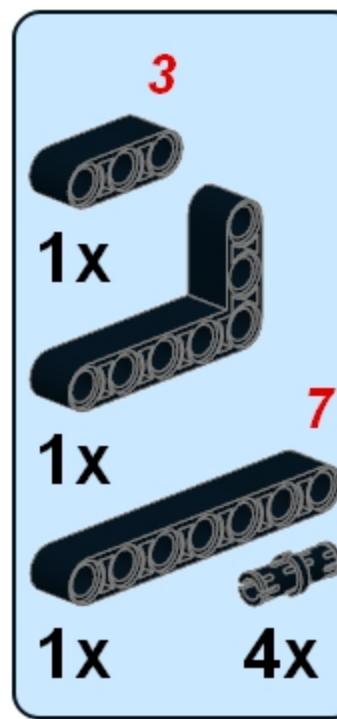
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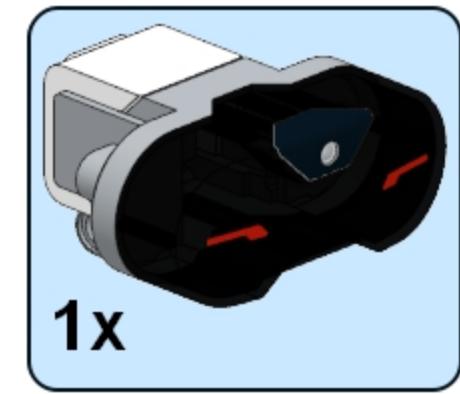
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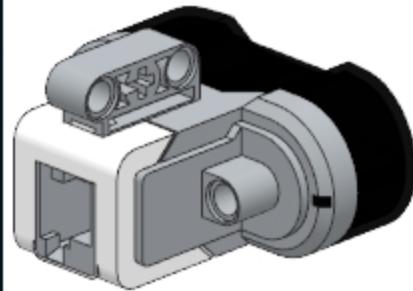
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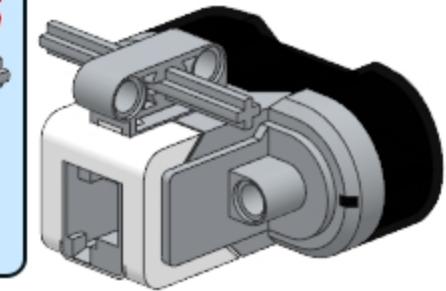
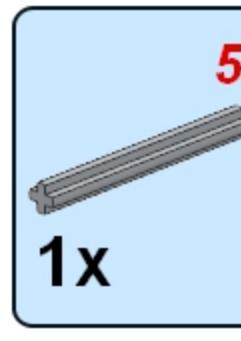
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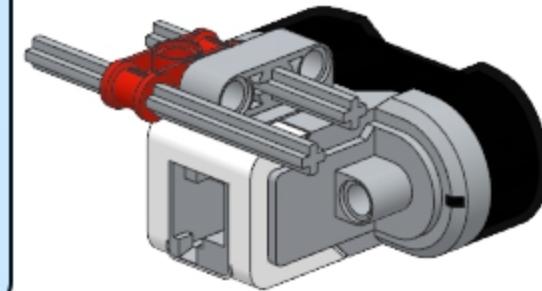
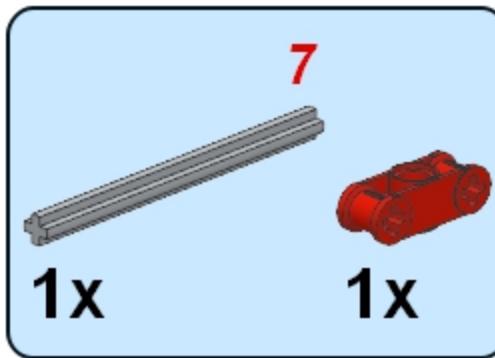
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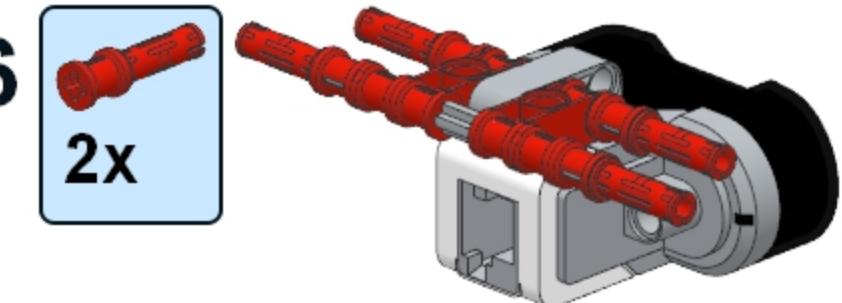
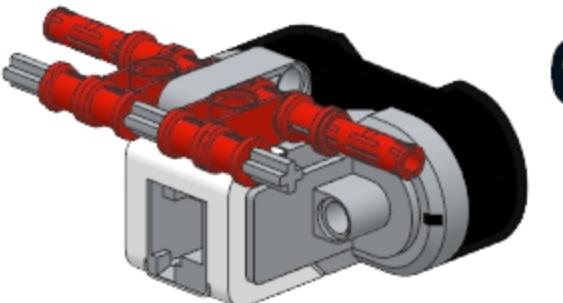
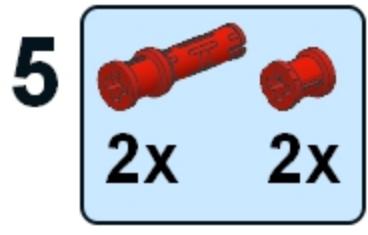
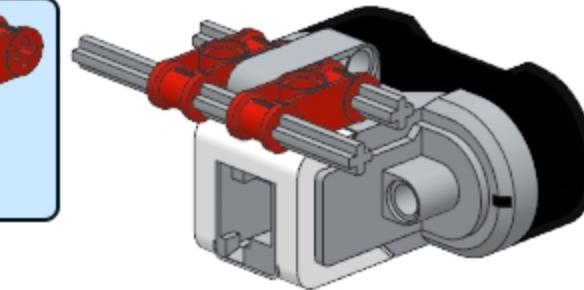


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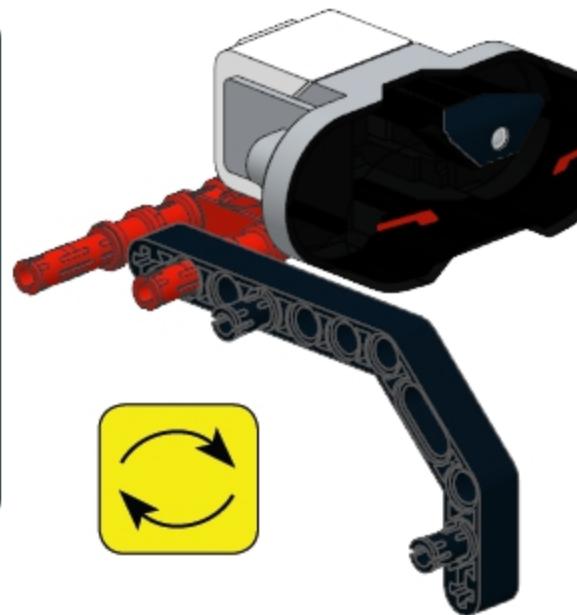
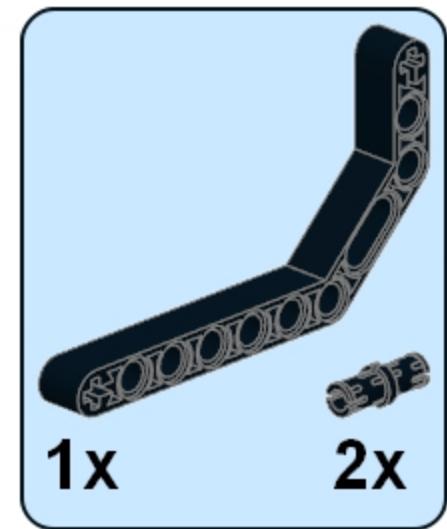


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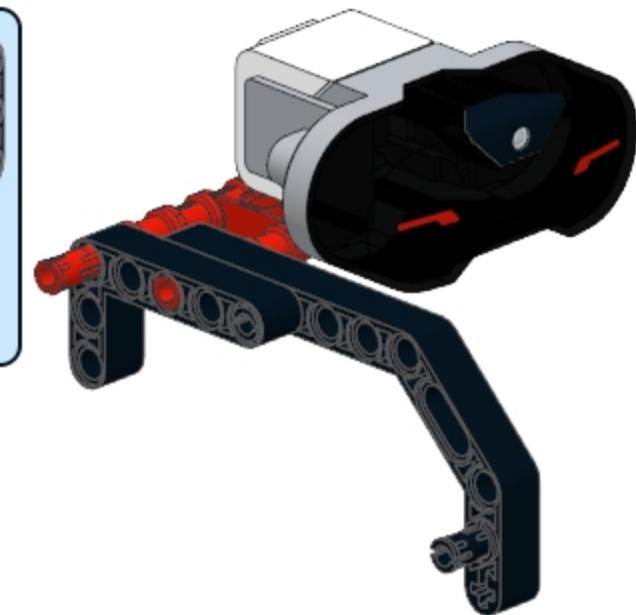
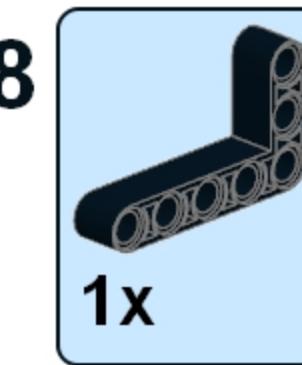




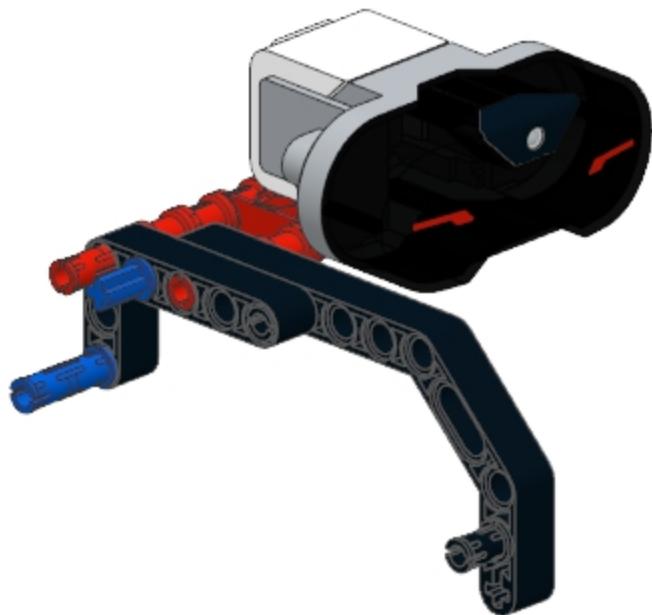
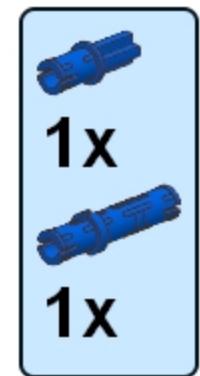
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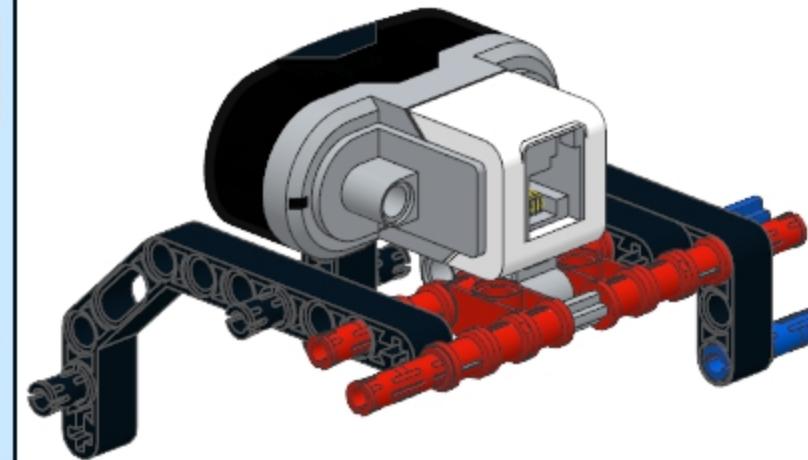
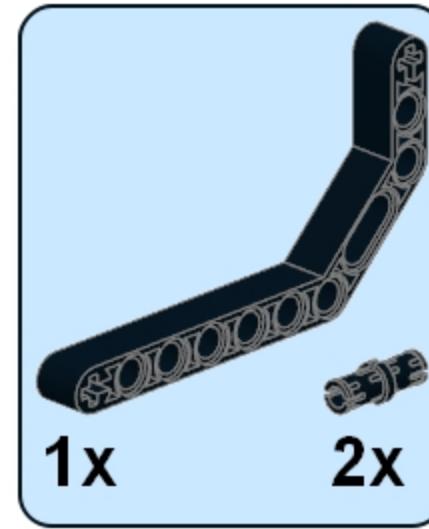
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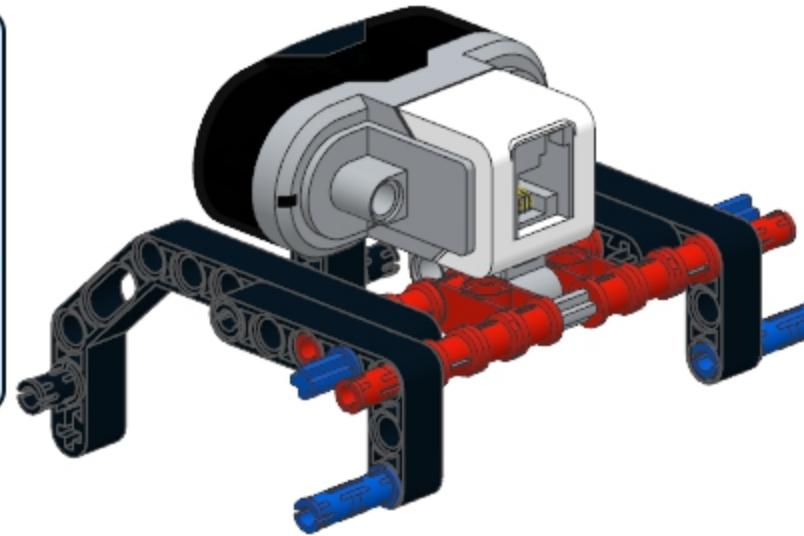
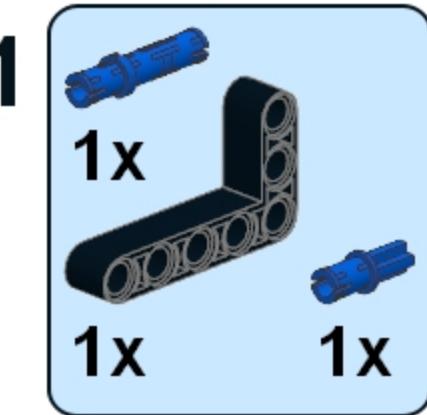
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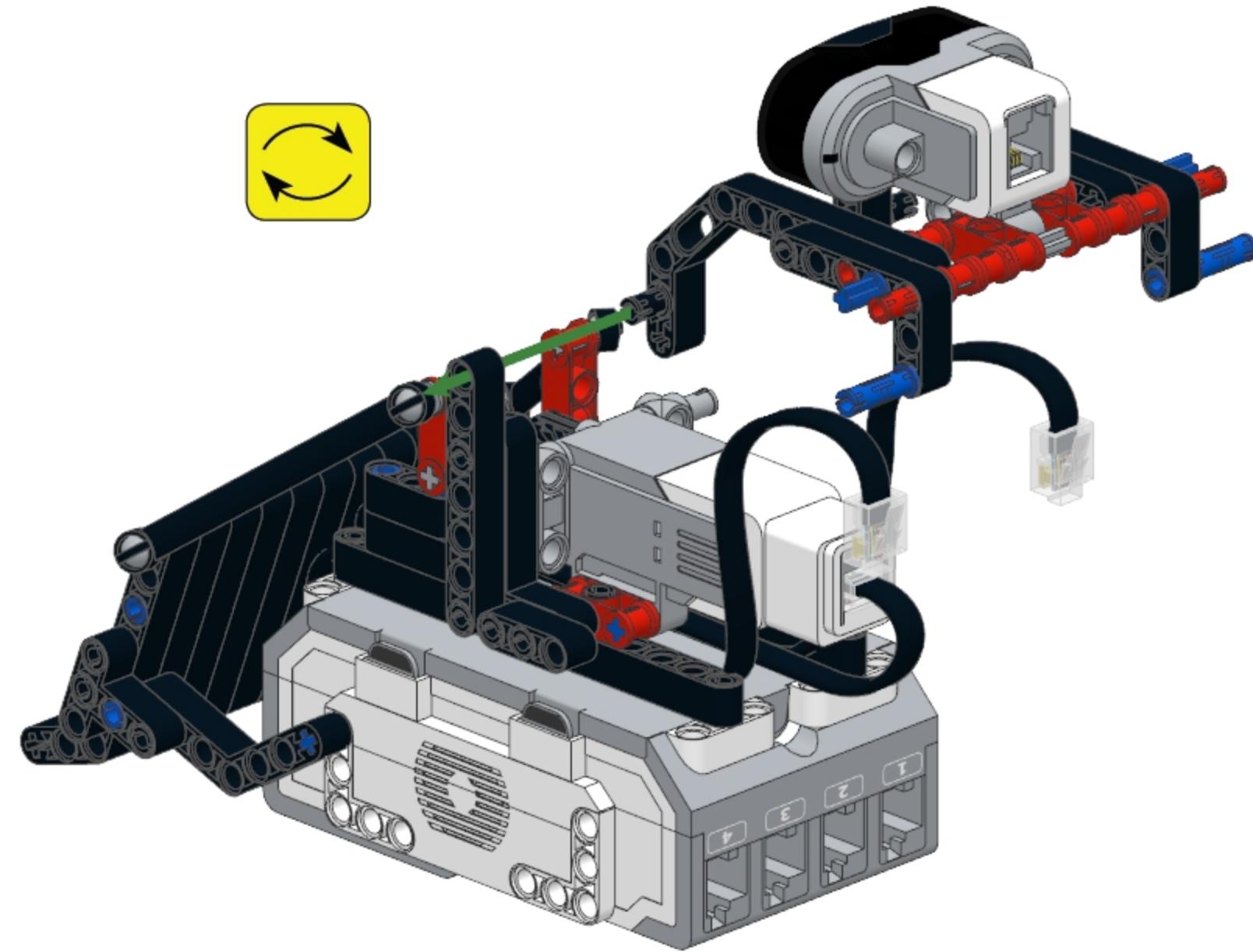
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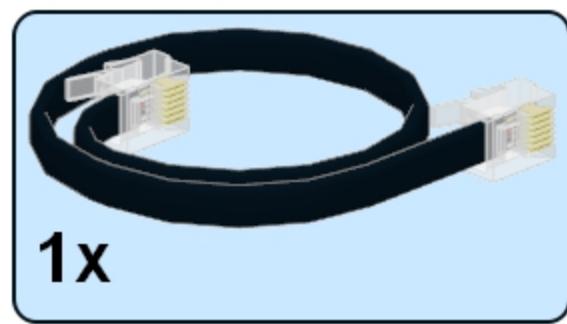
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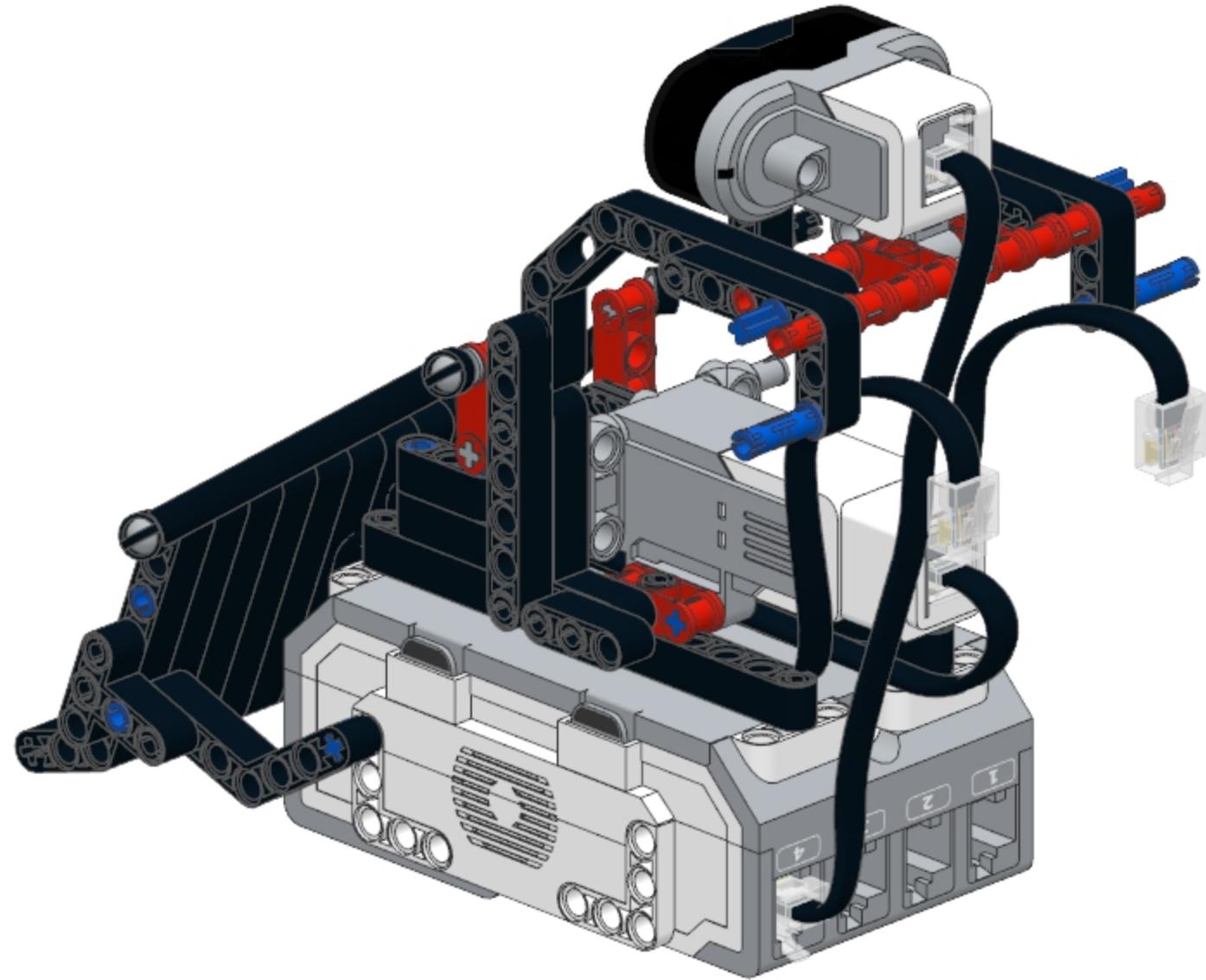
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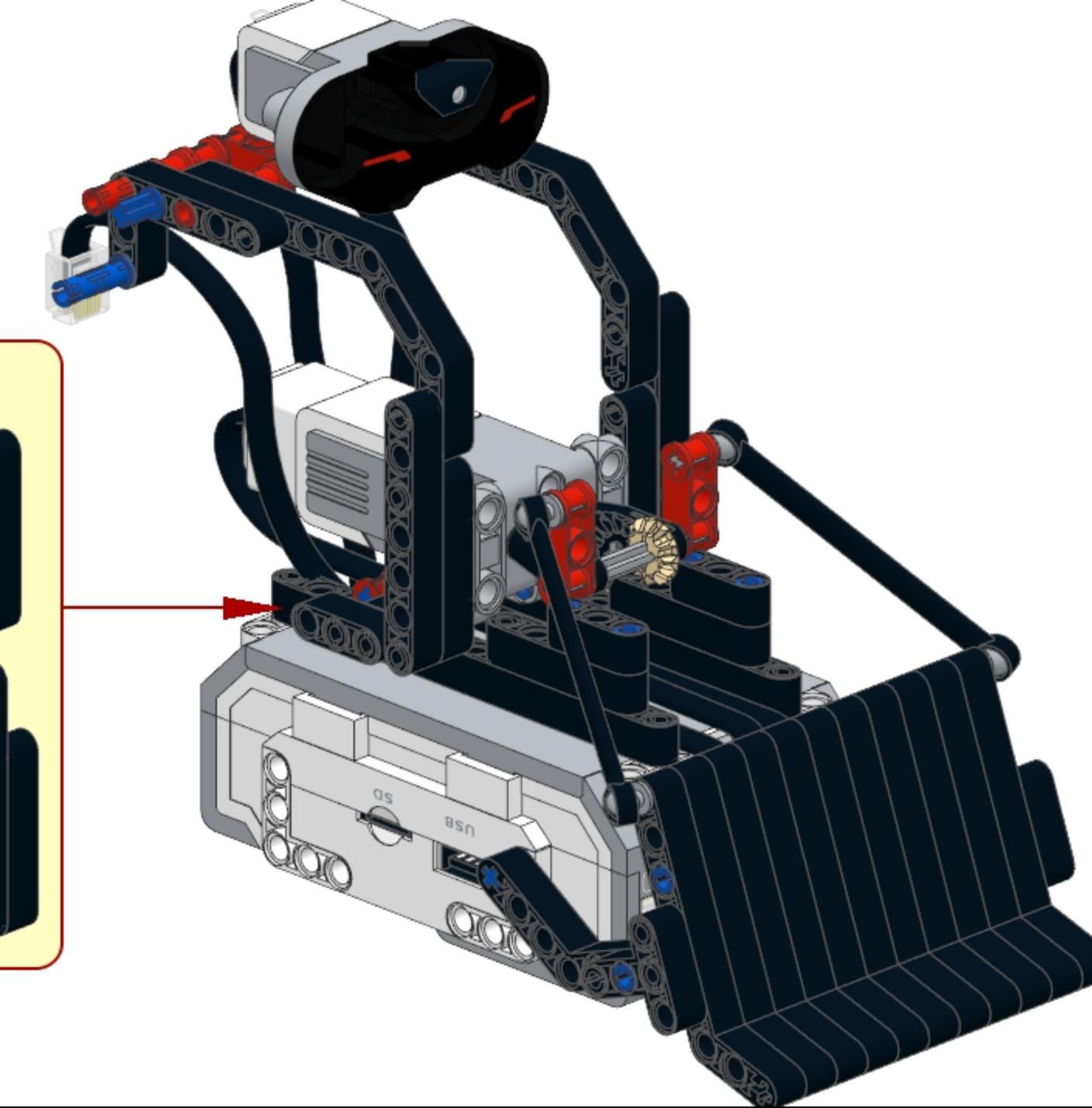
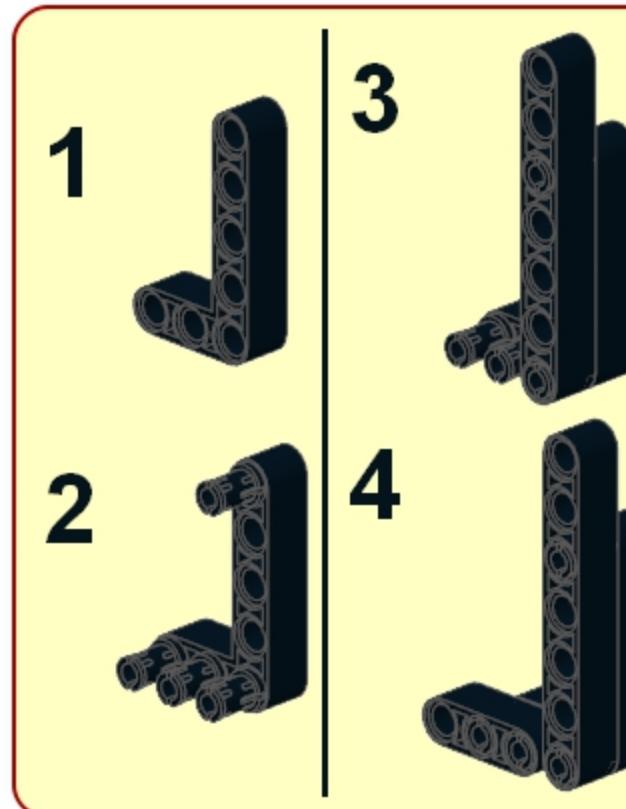
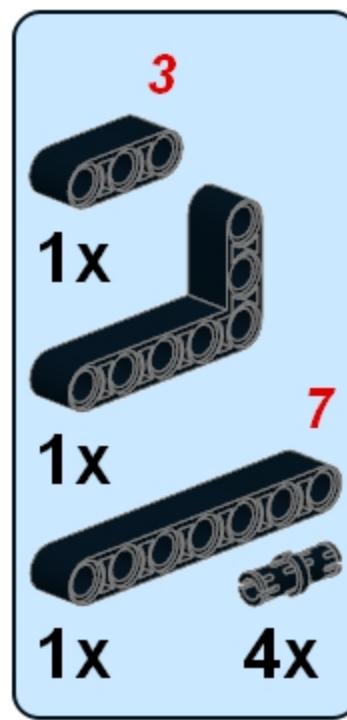
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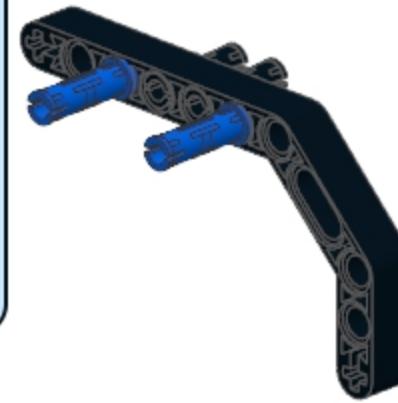
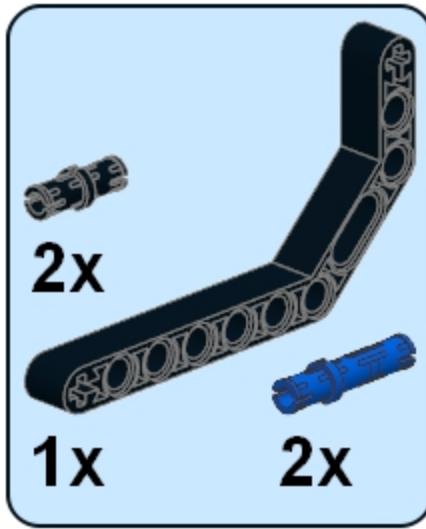
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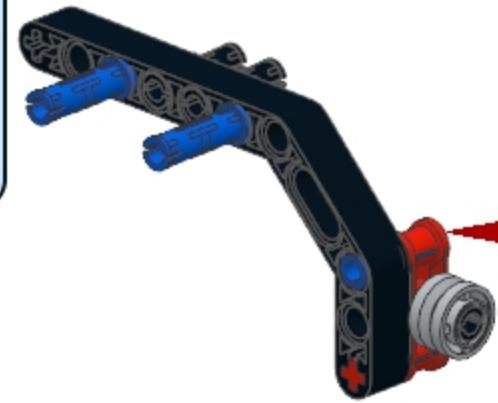
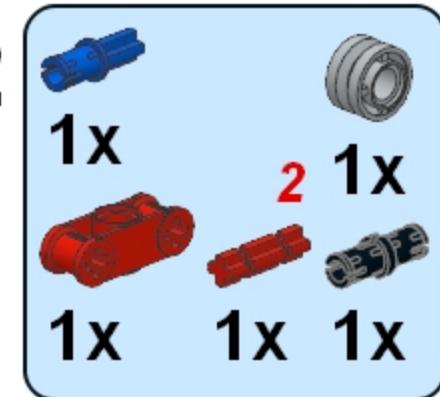
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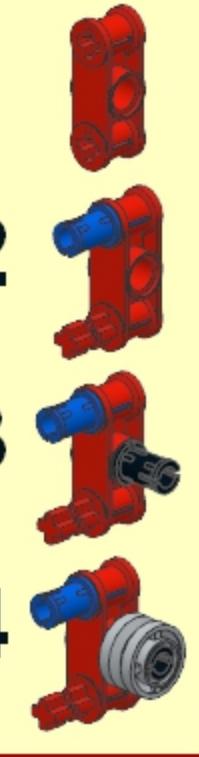
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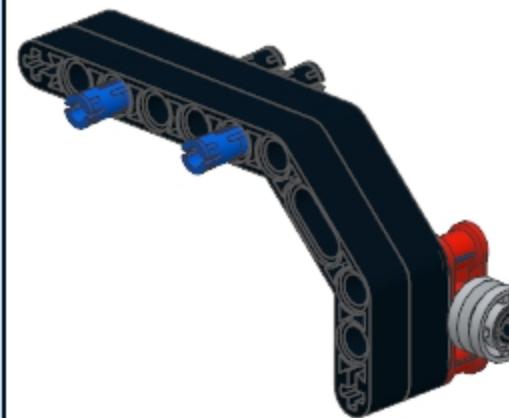
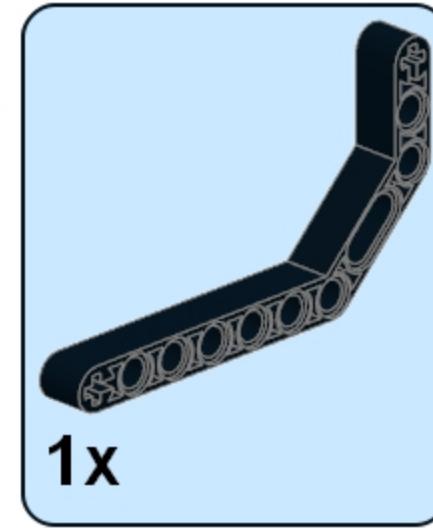
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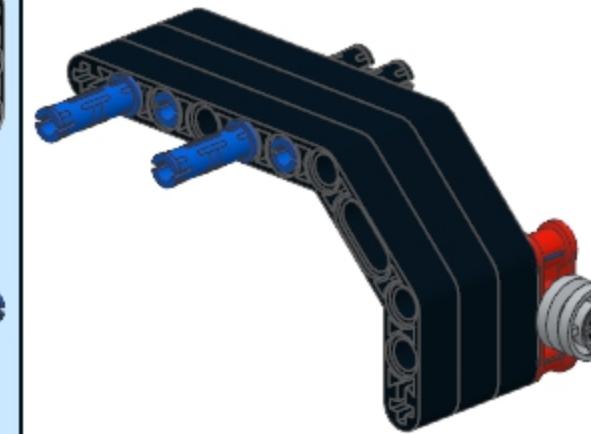
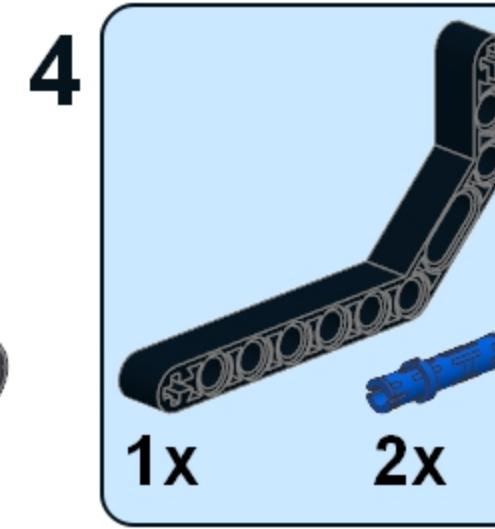
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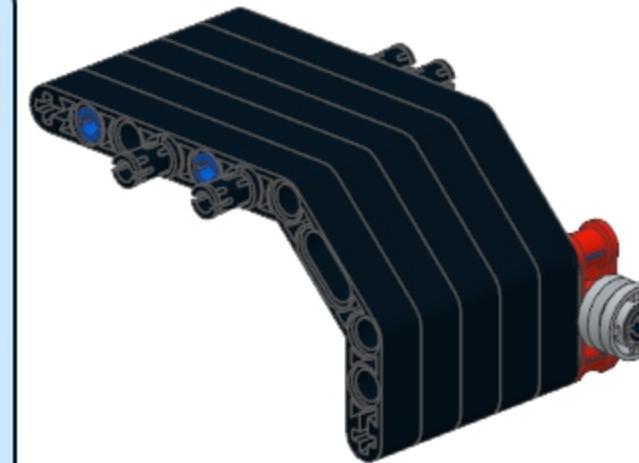
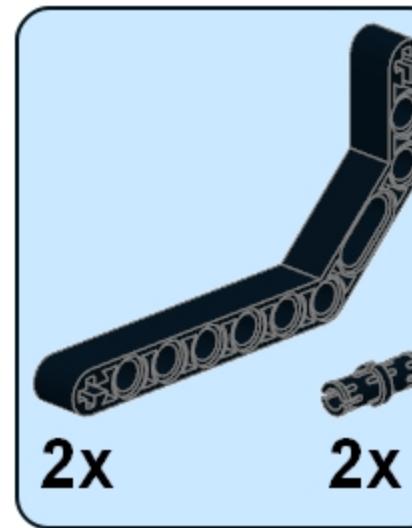
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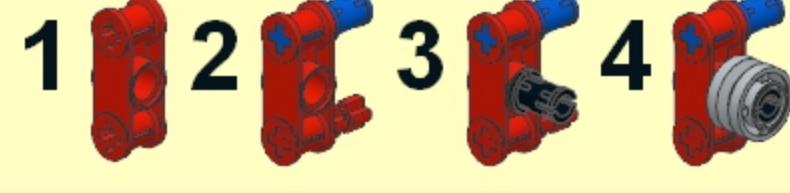
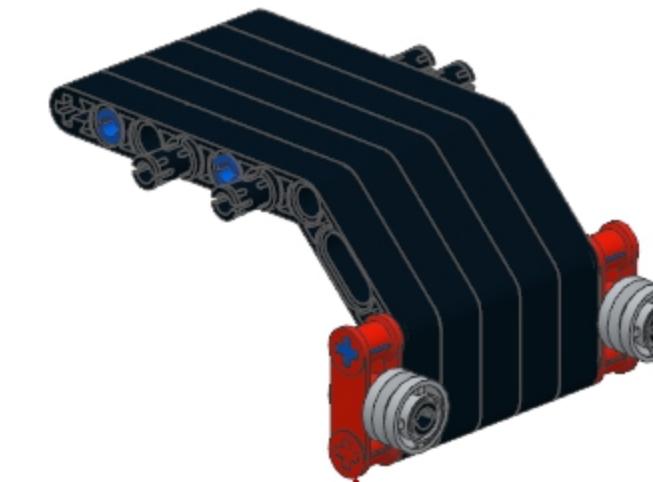
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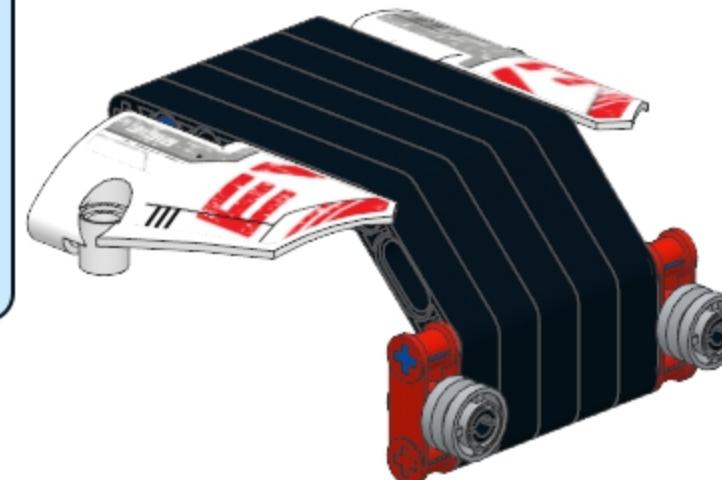
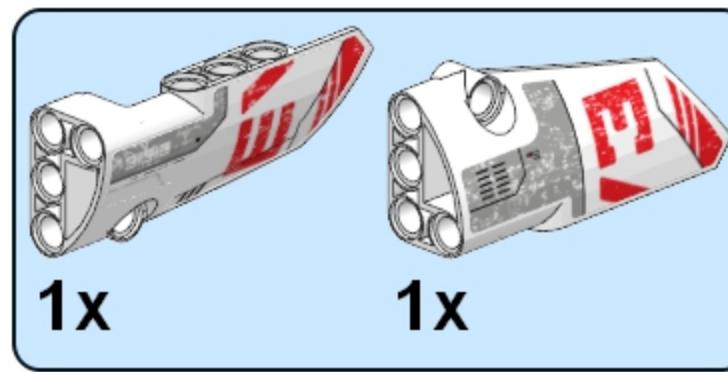
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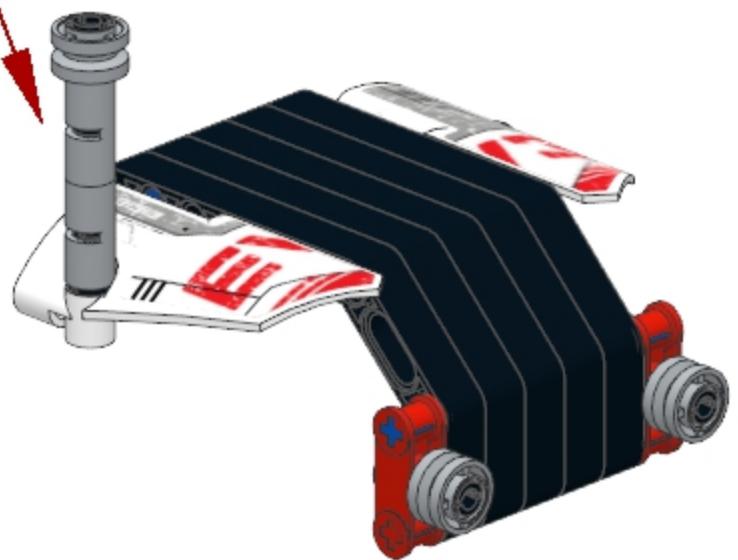
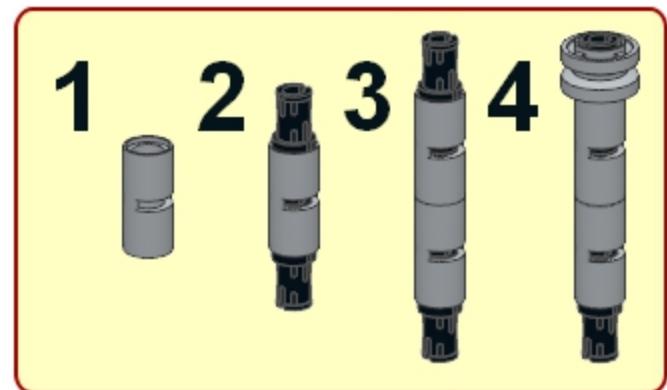
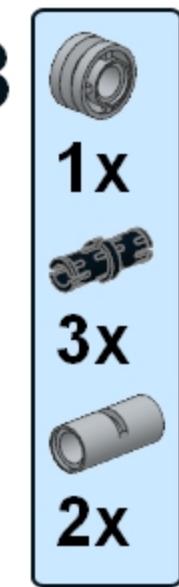
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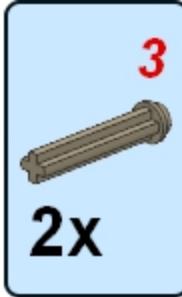
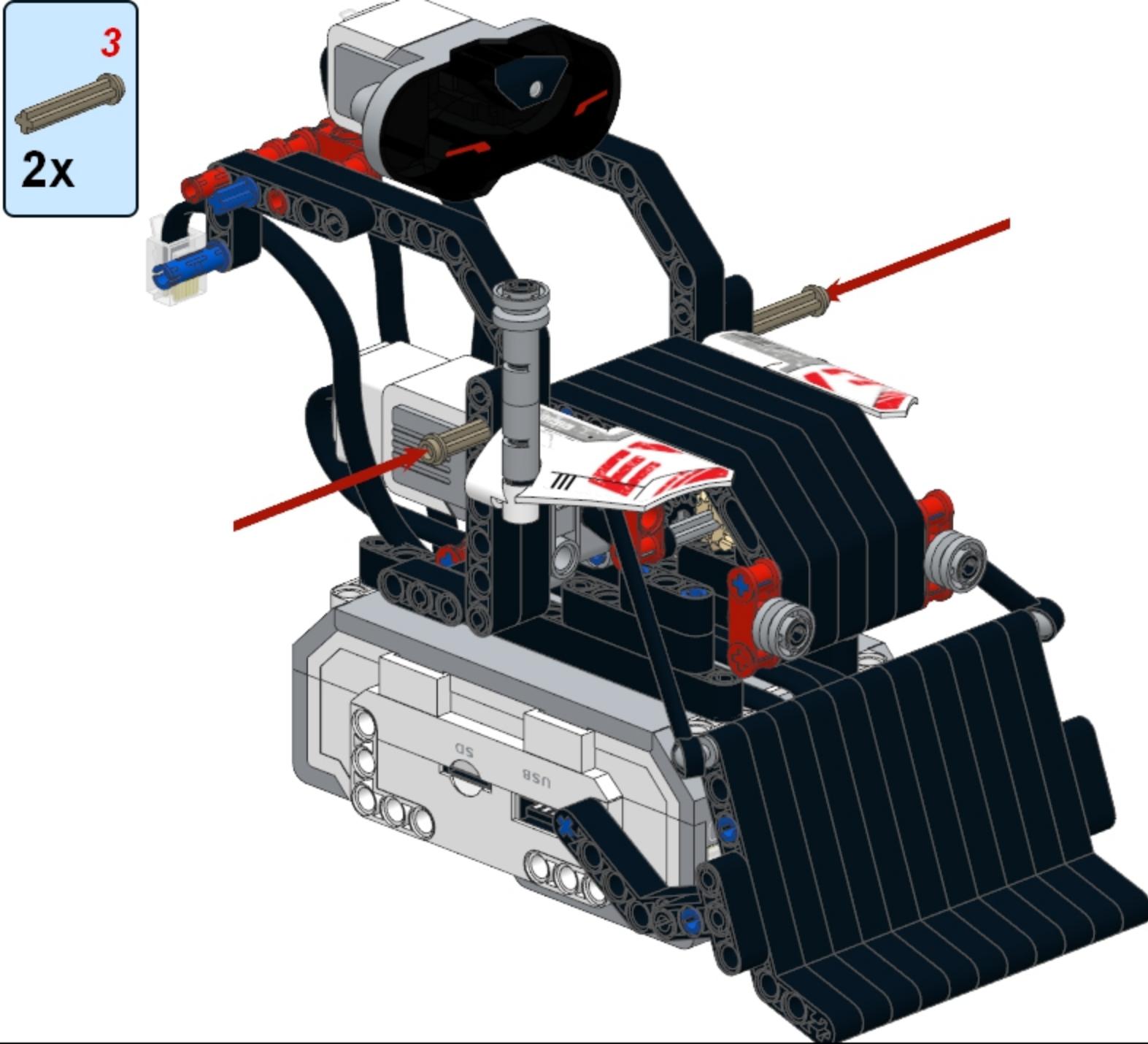
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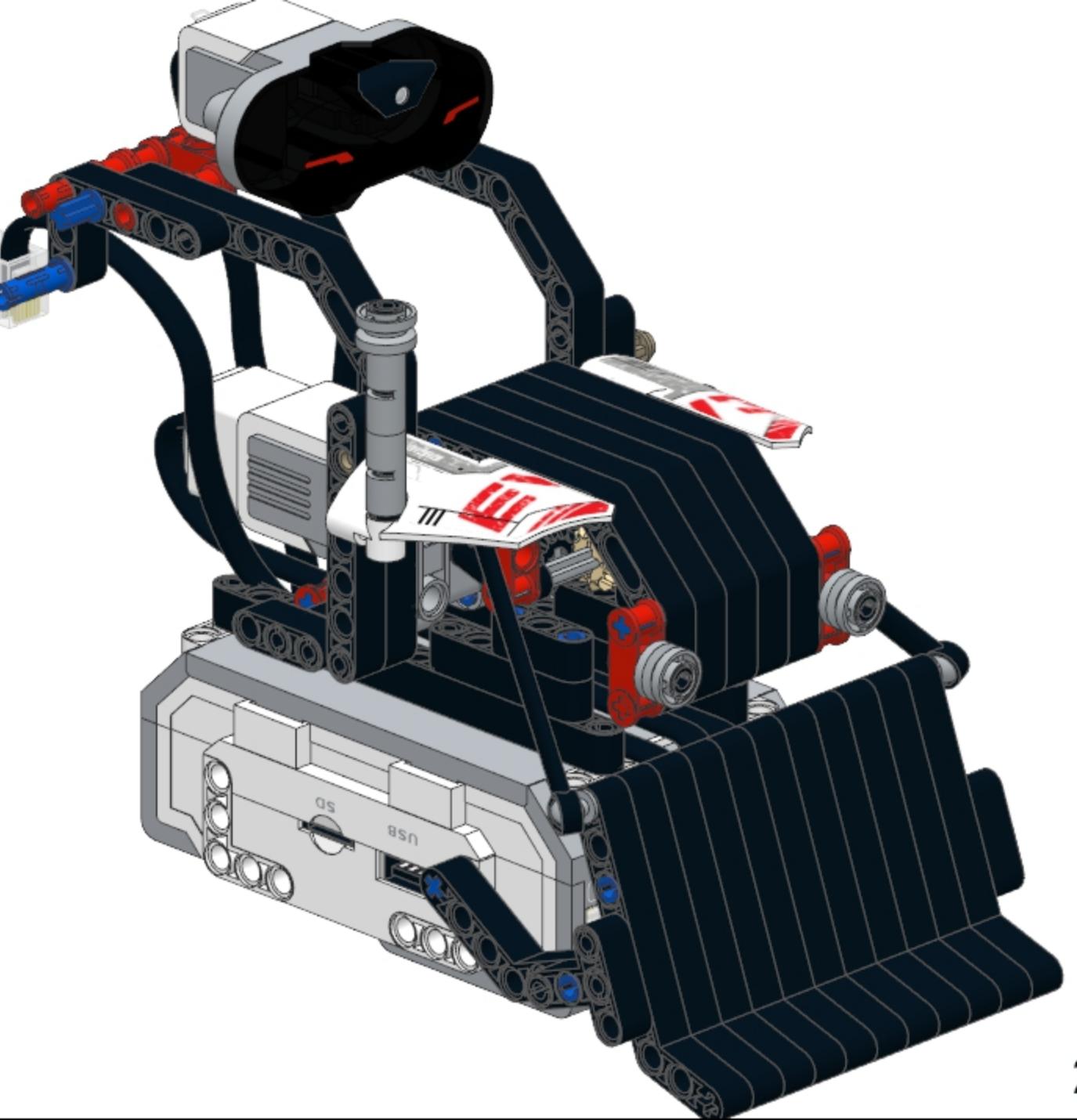
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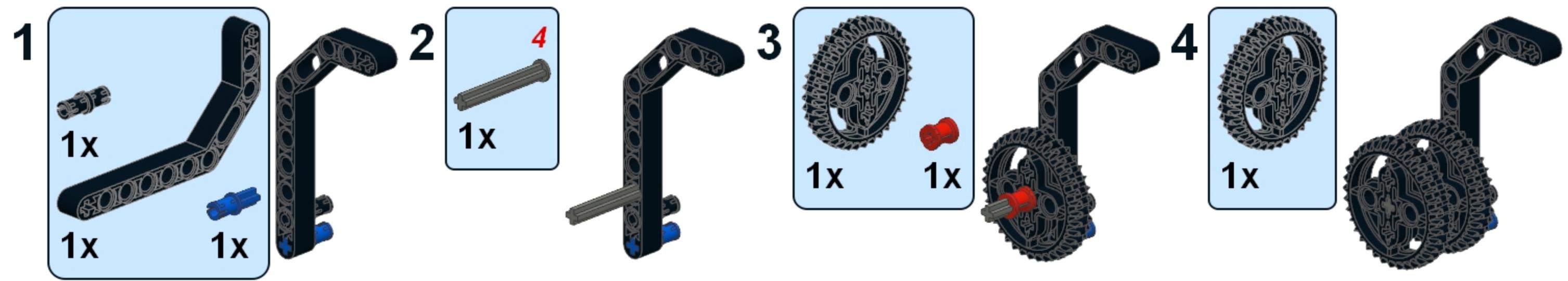
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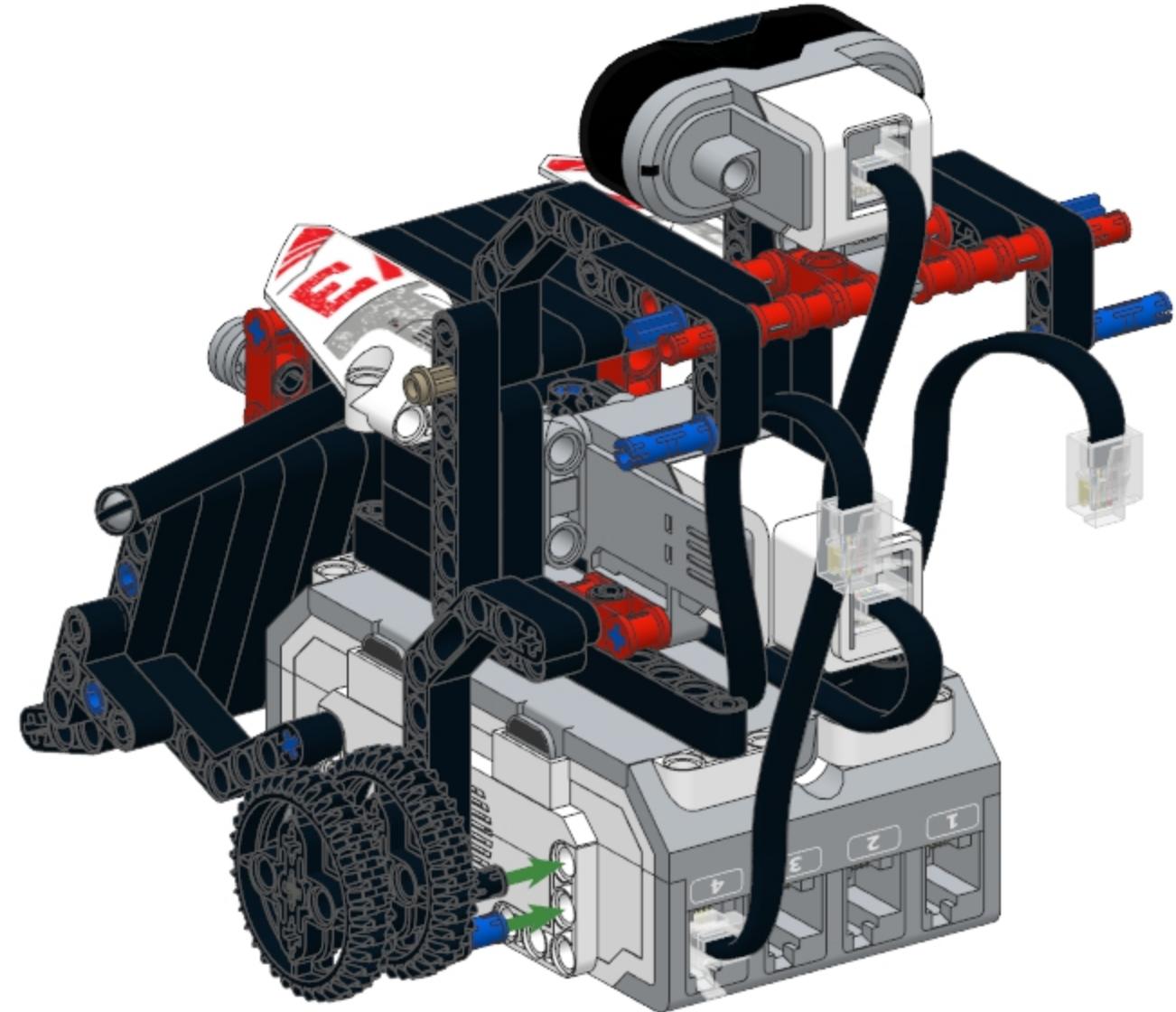
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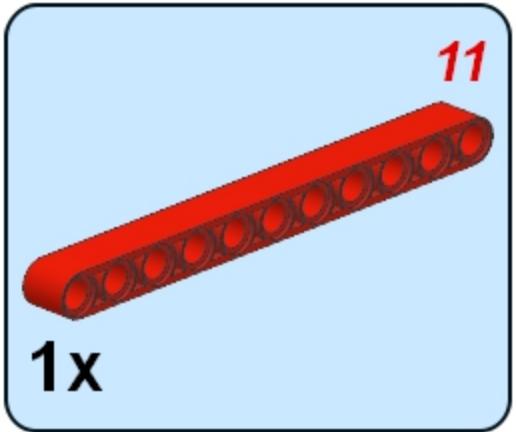
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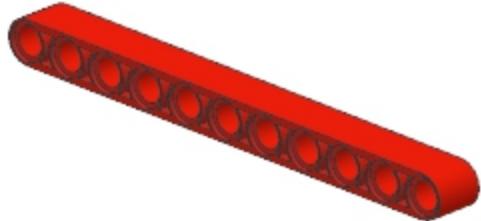
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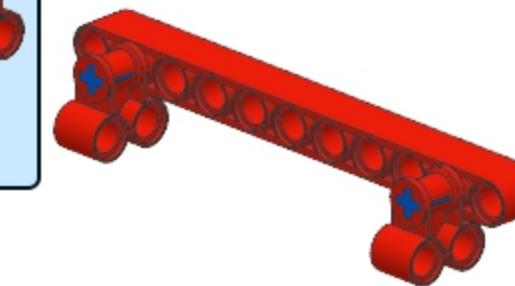
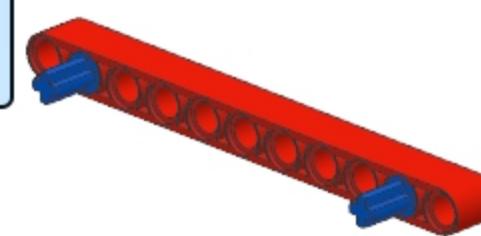
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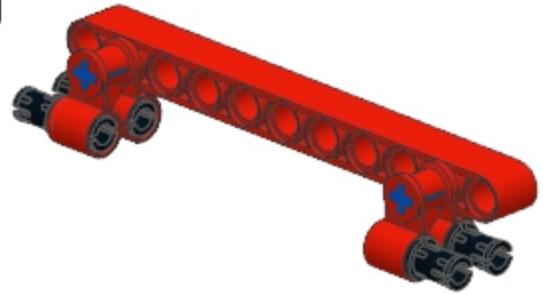
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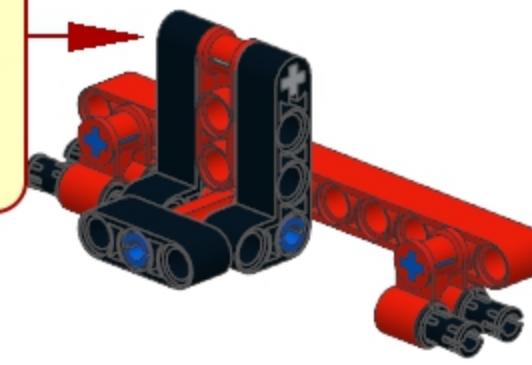
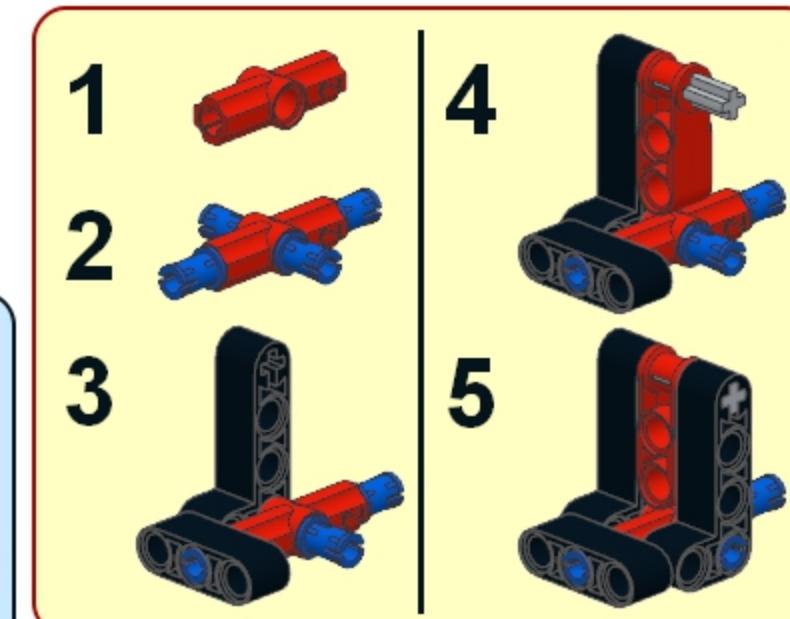
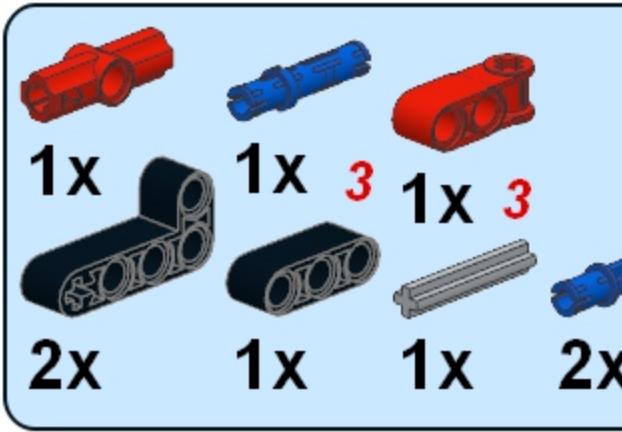
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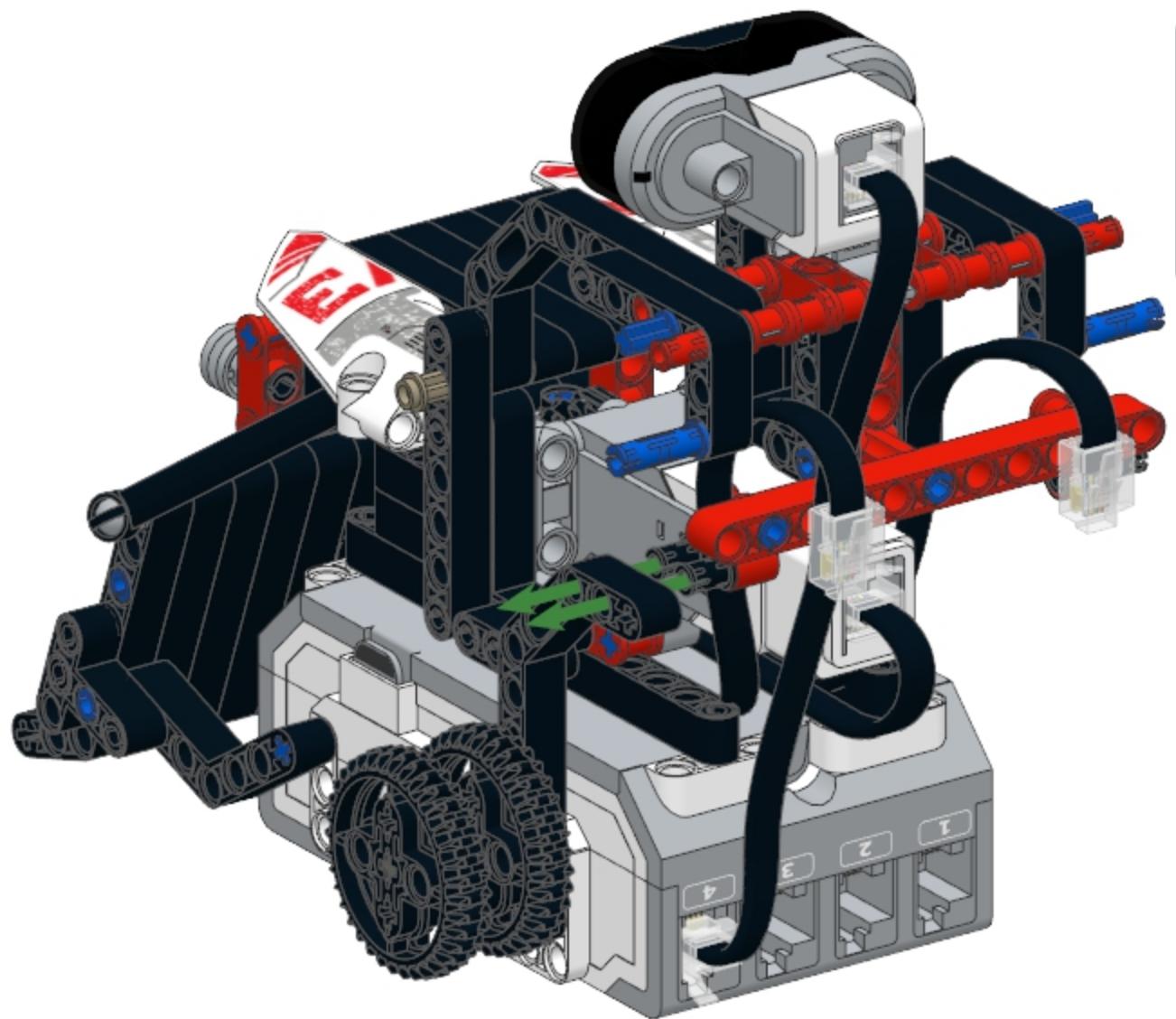
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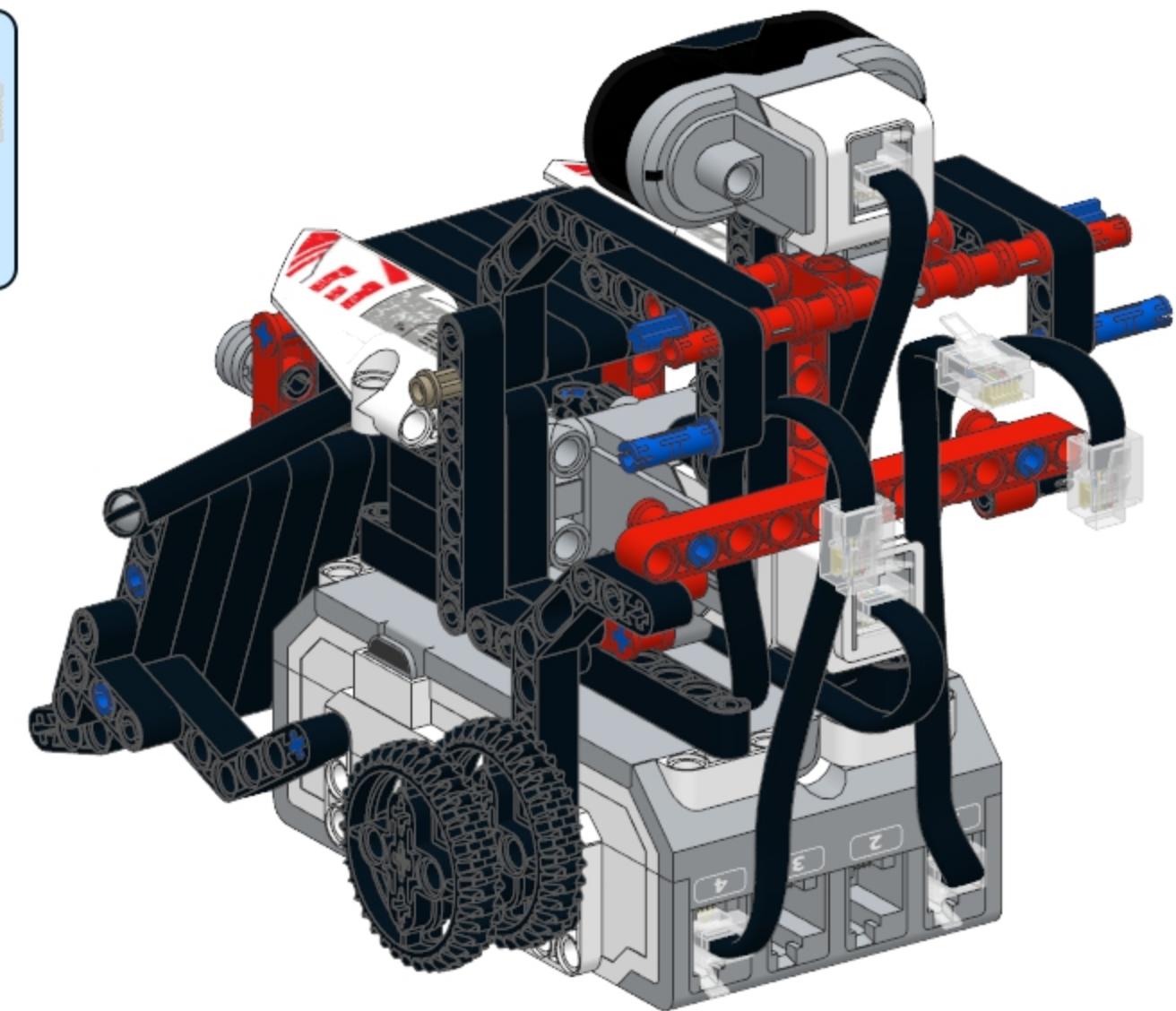
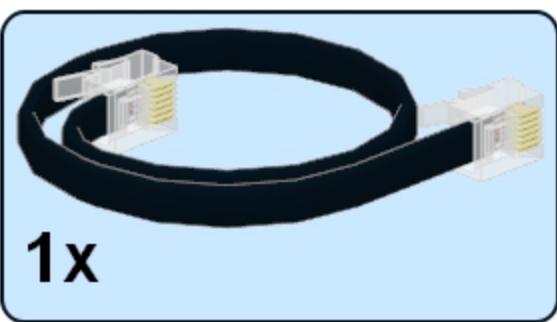
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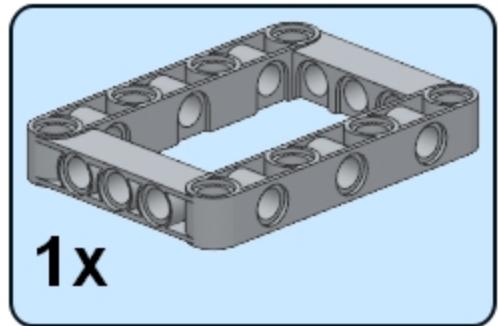
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23



**1**

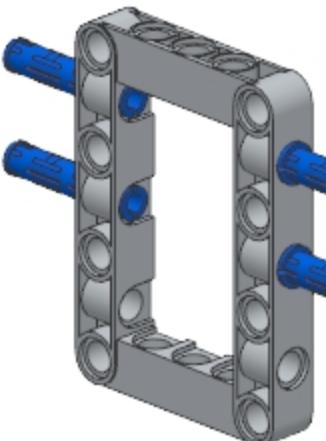
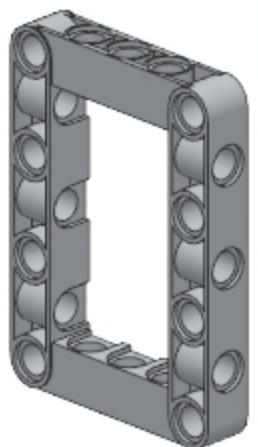


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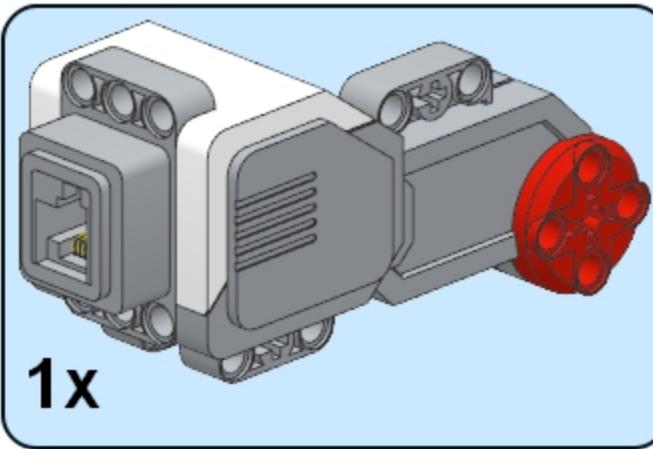
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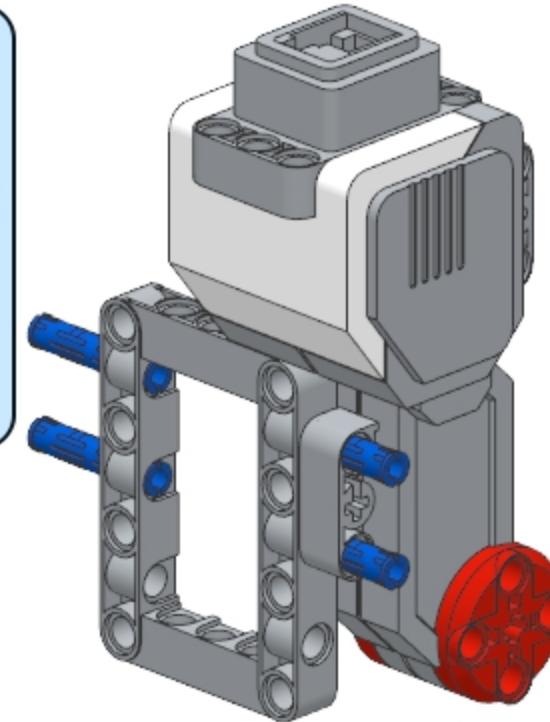
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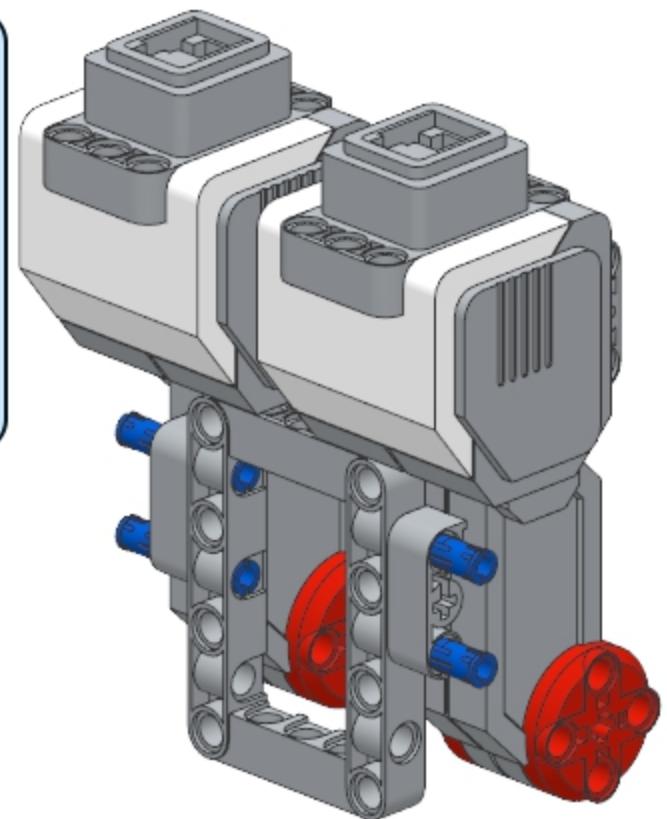
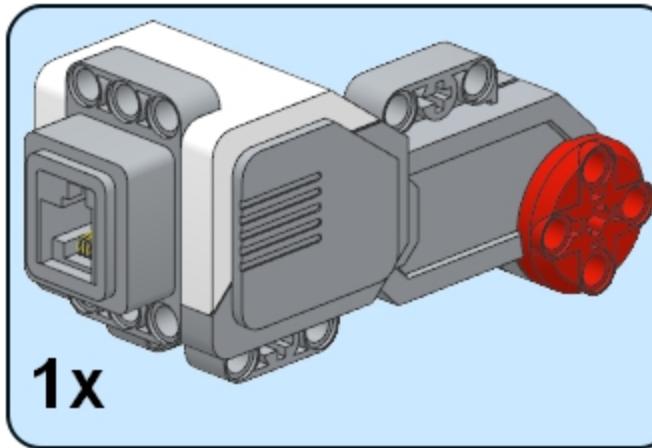
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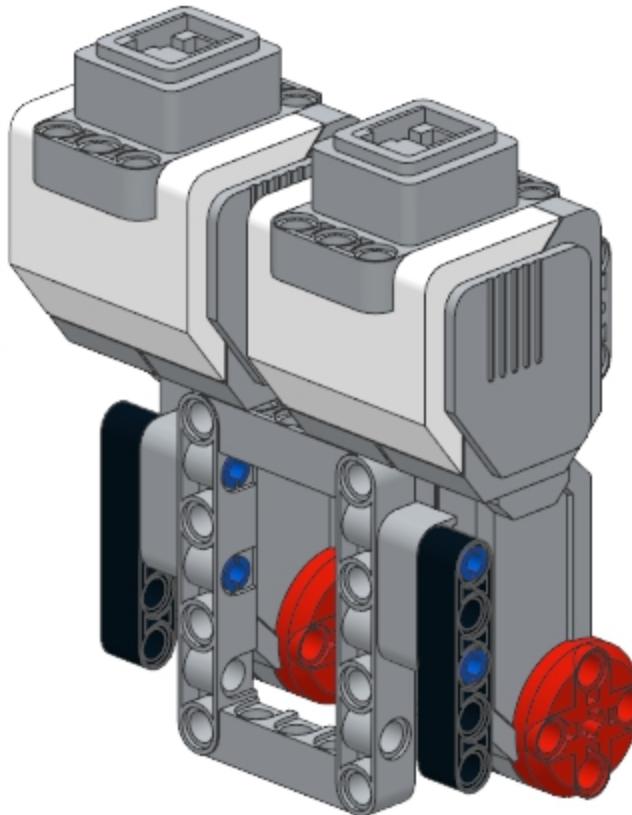
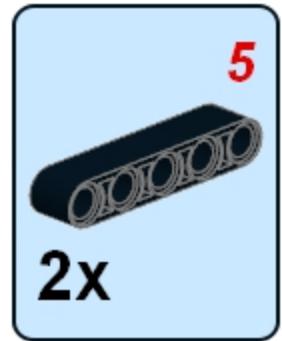
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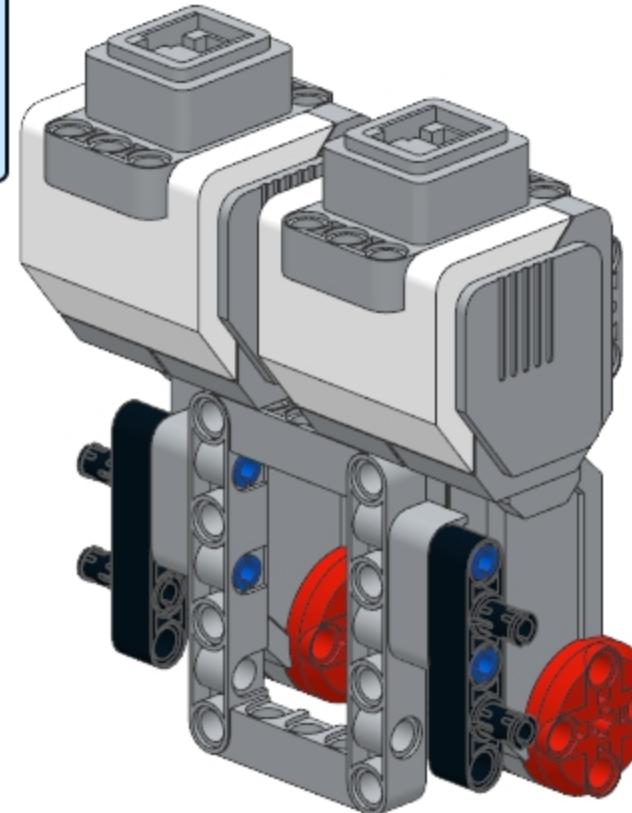
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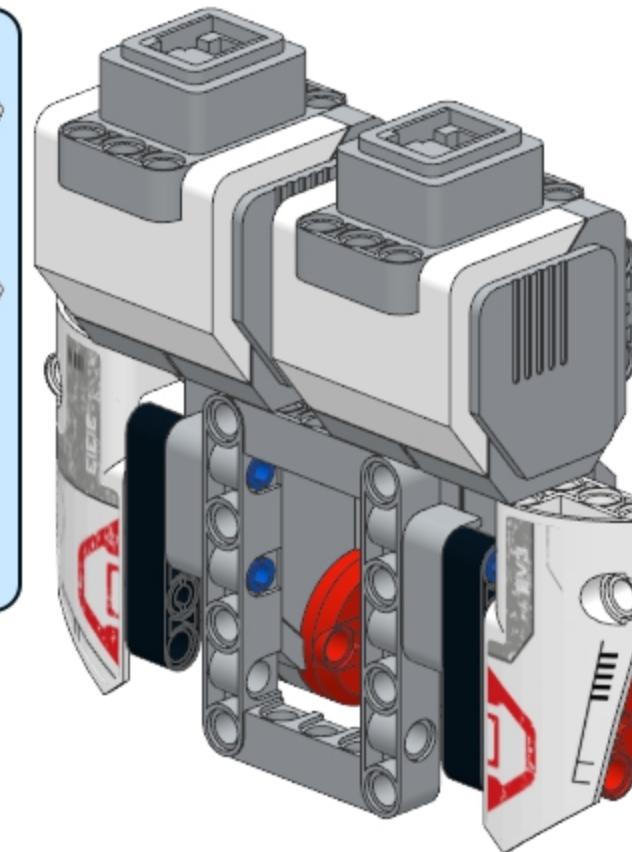
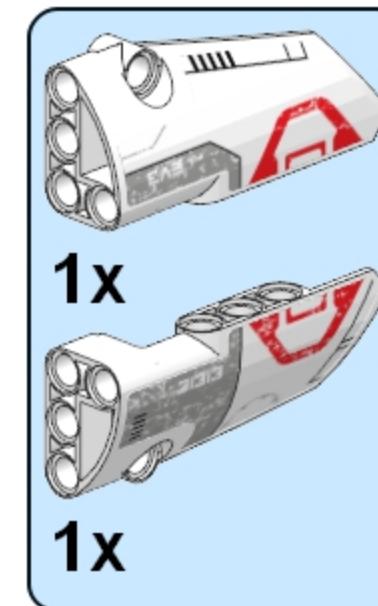
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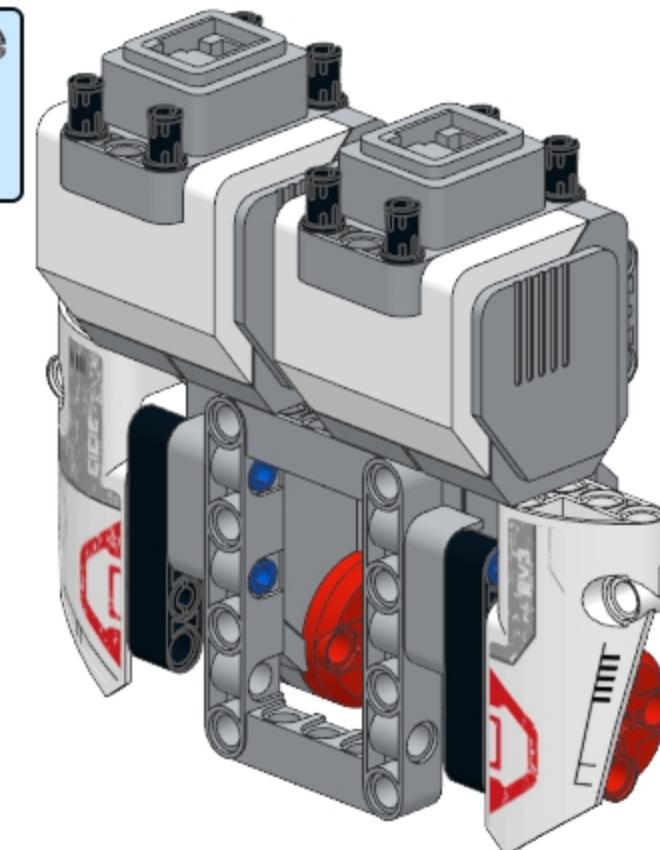
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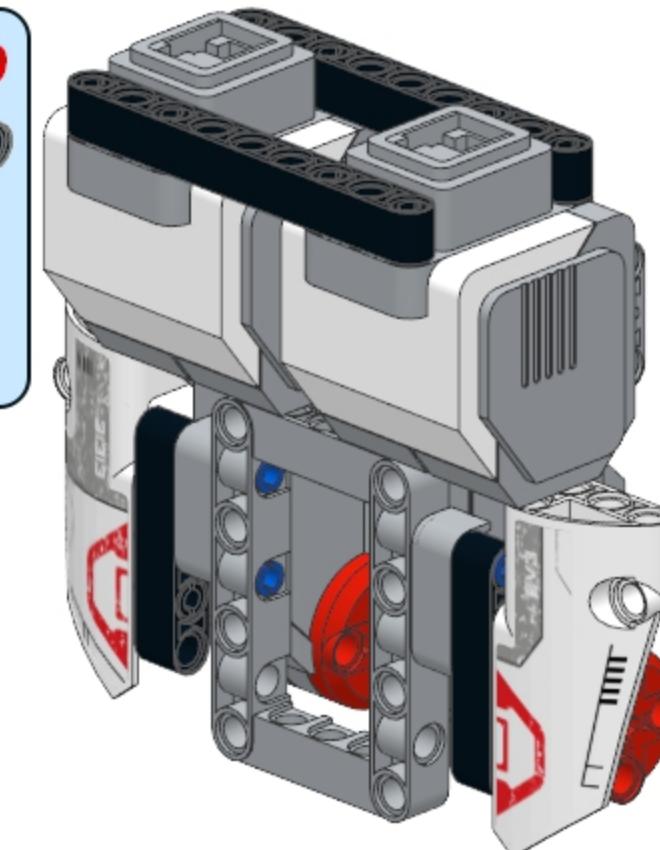
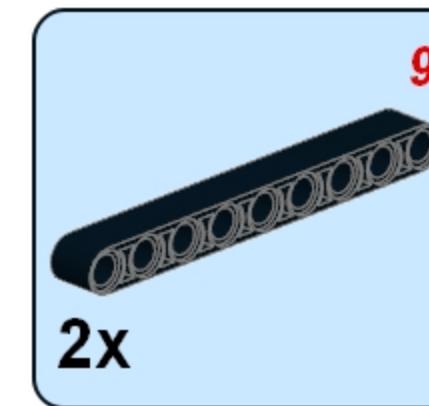
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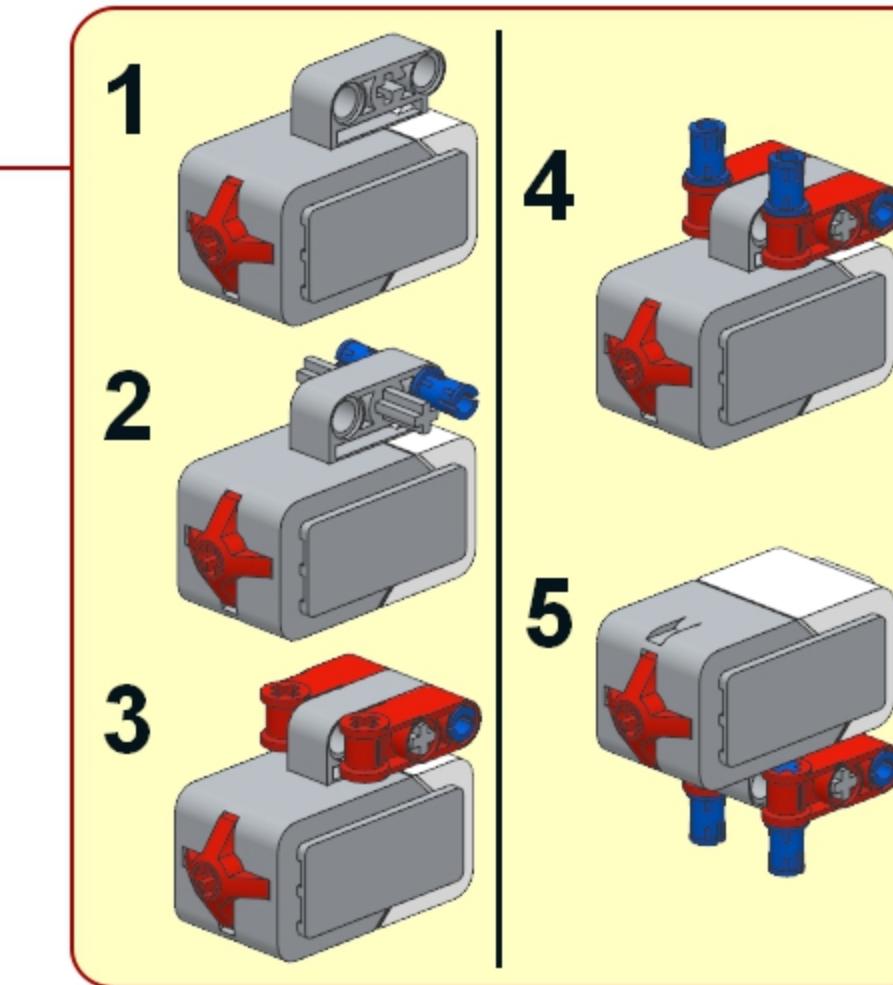
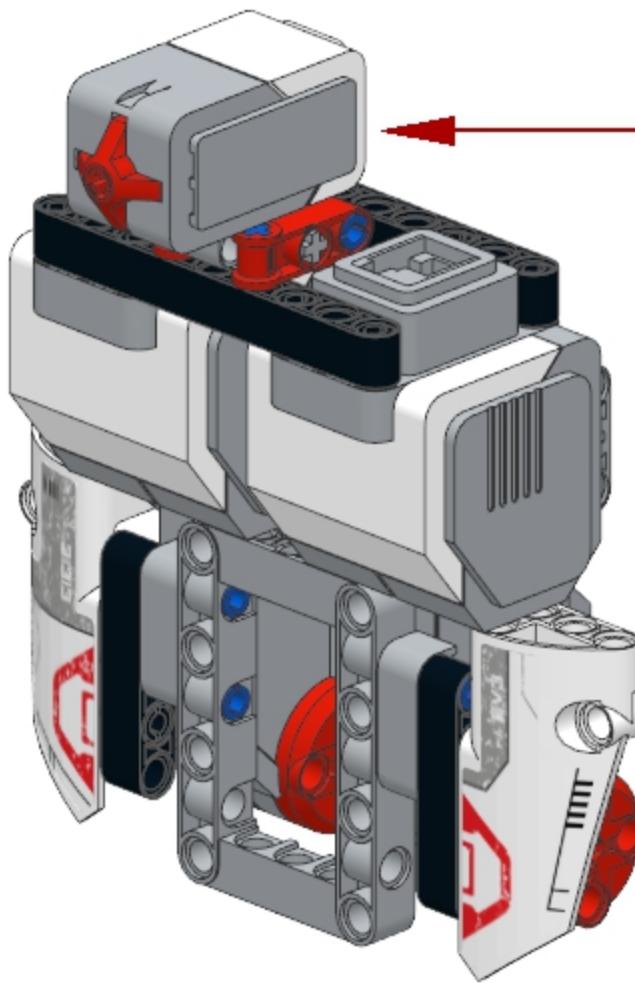
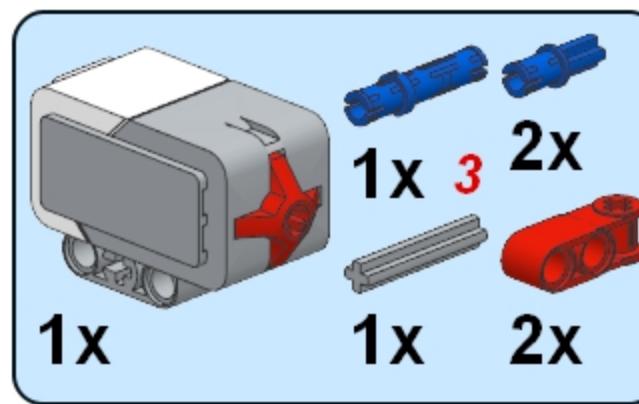
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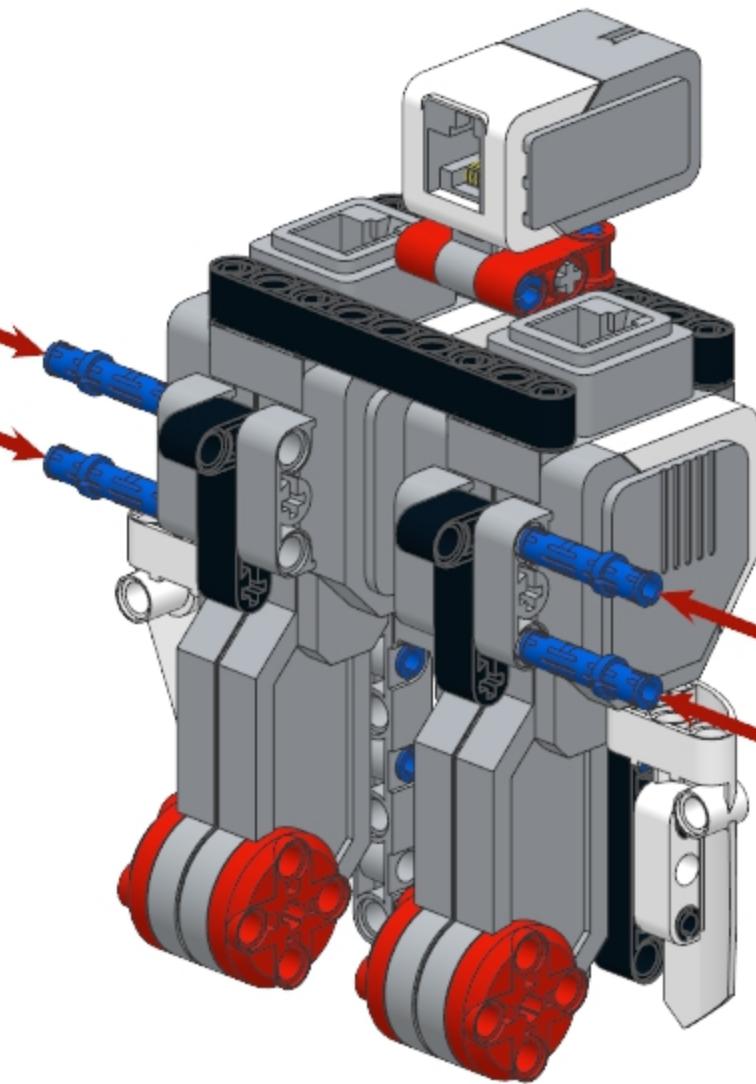
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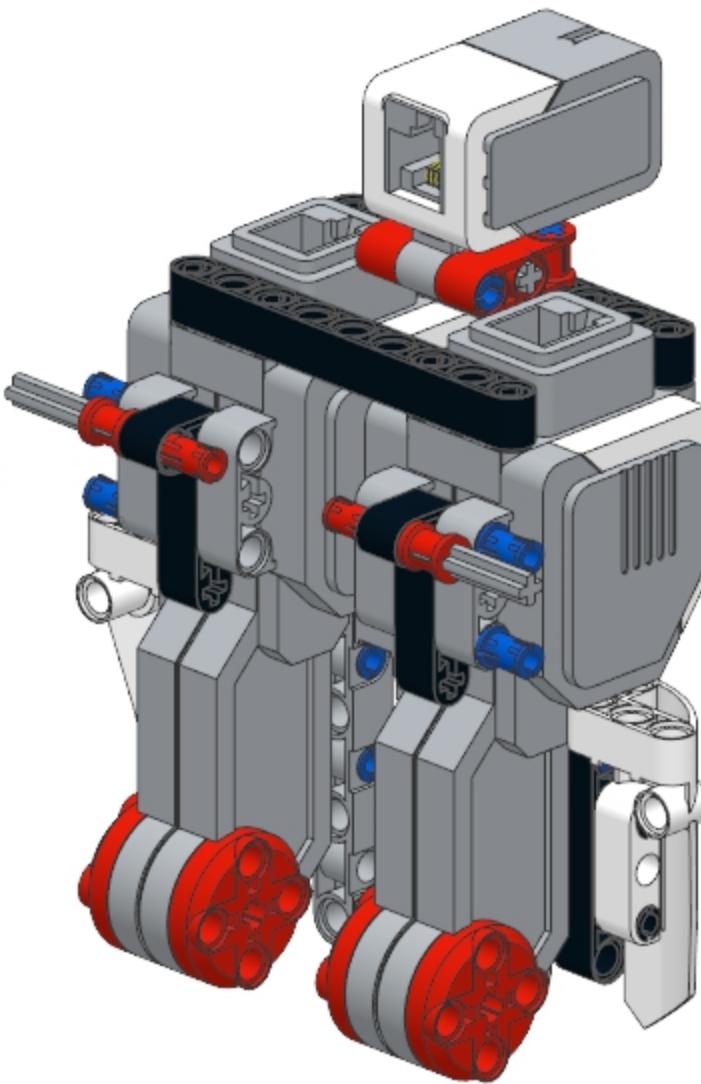
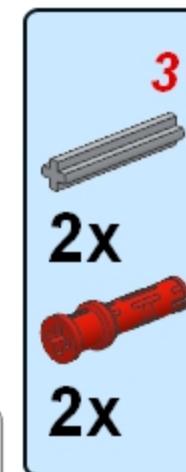
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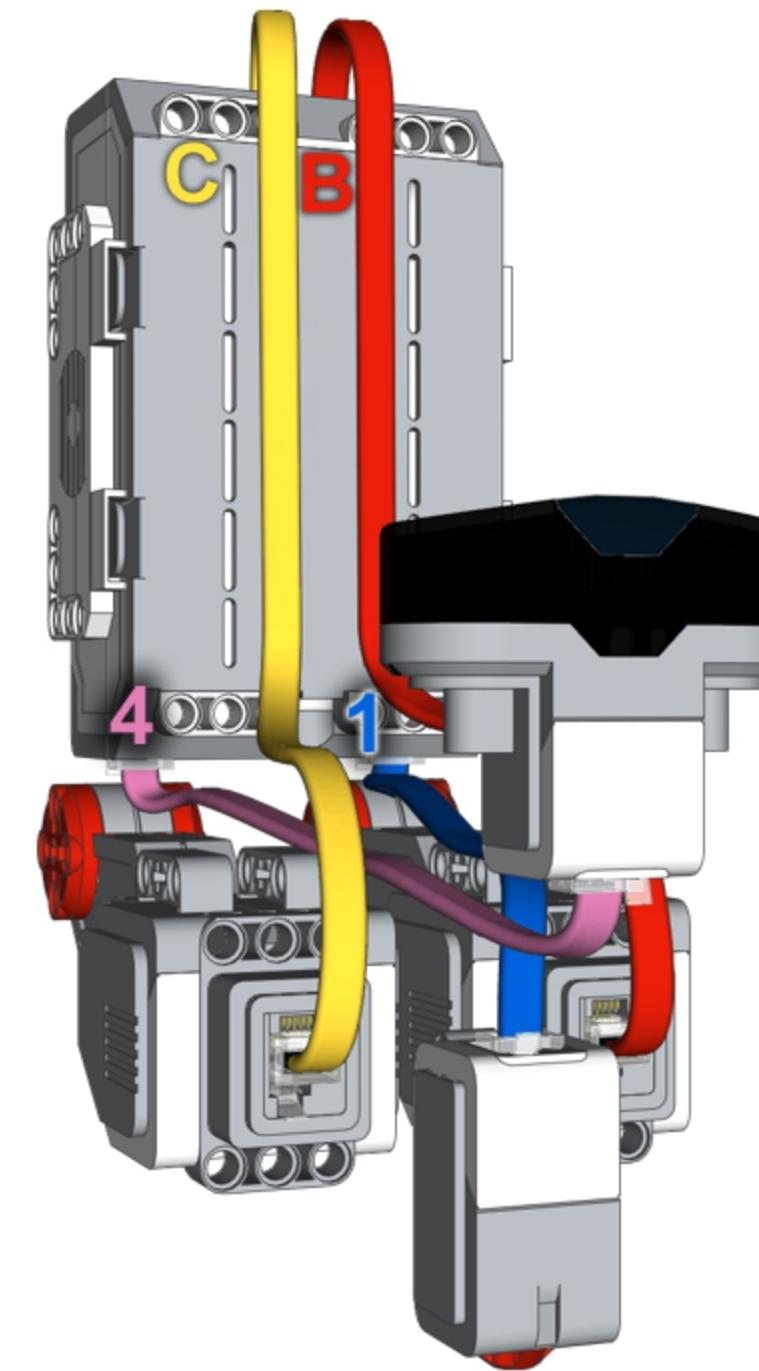
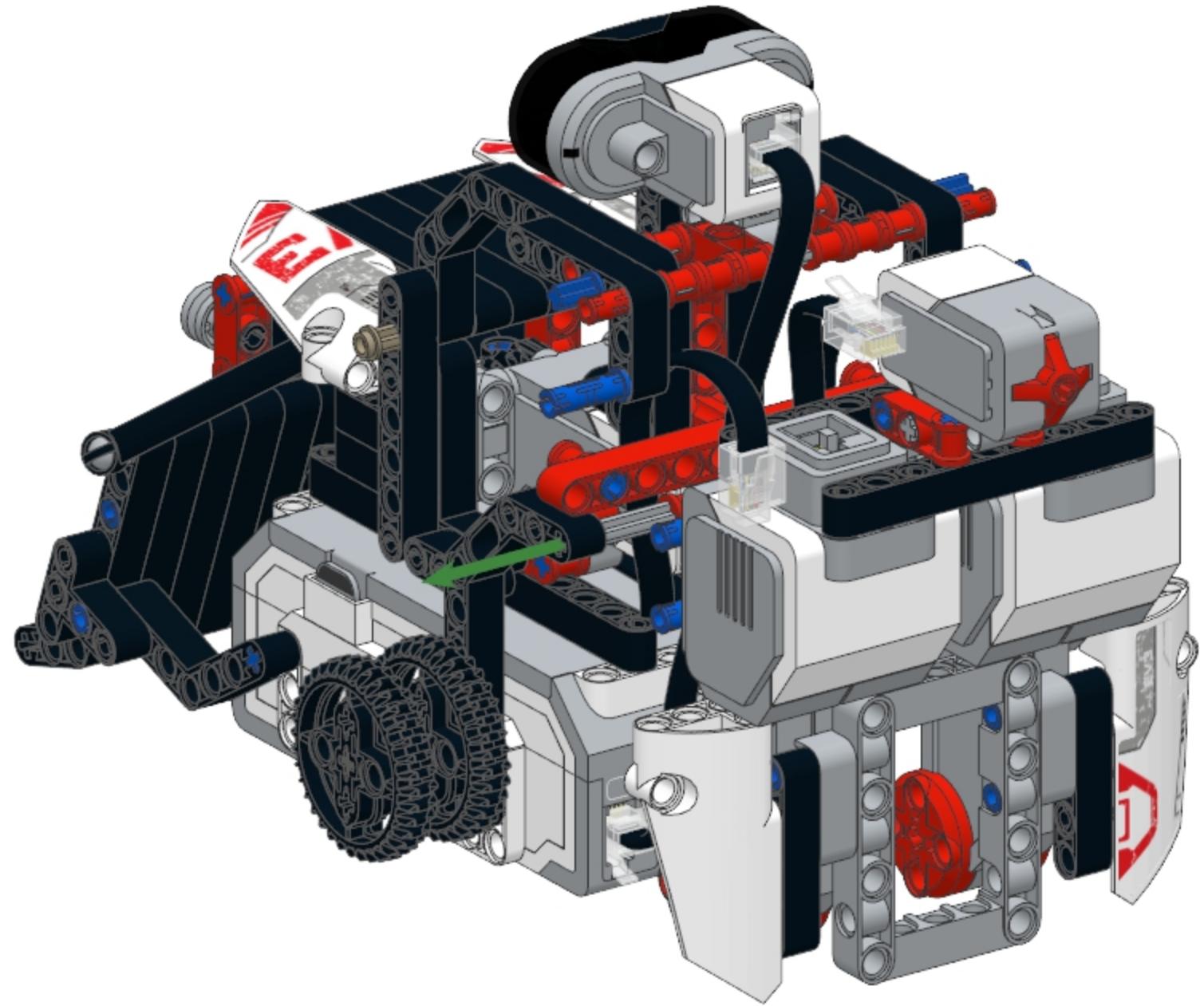
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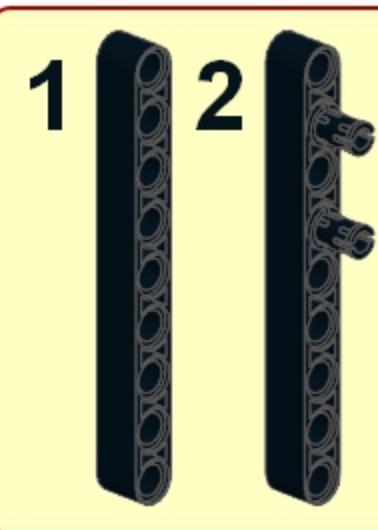
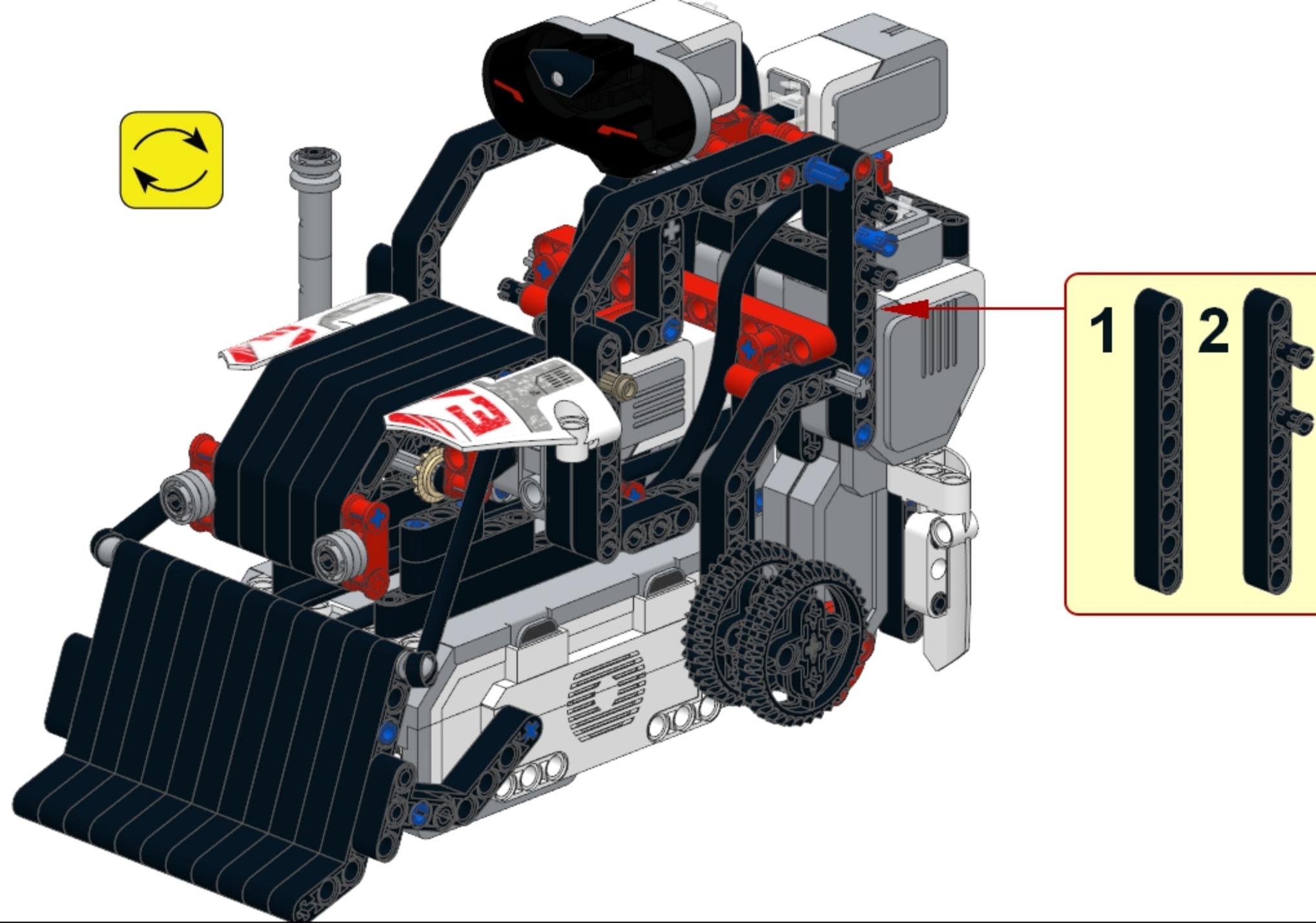
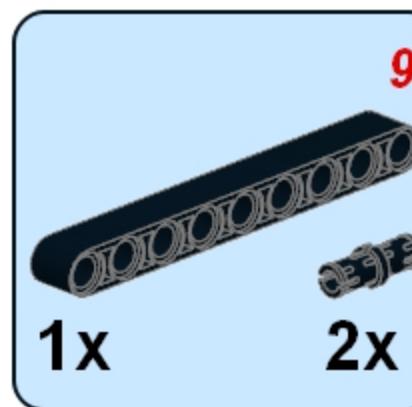
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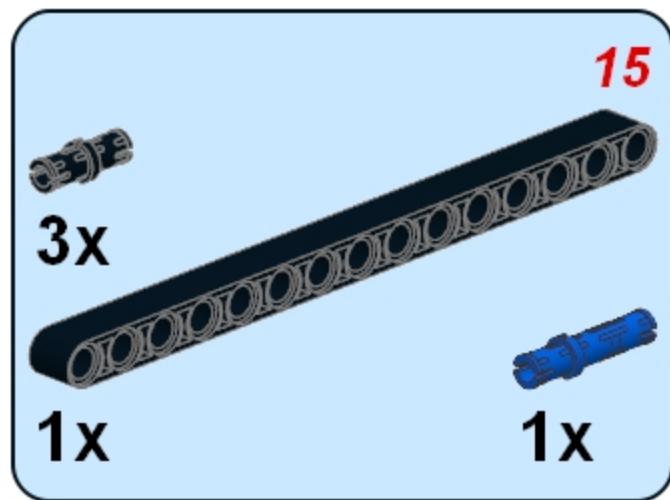
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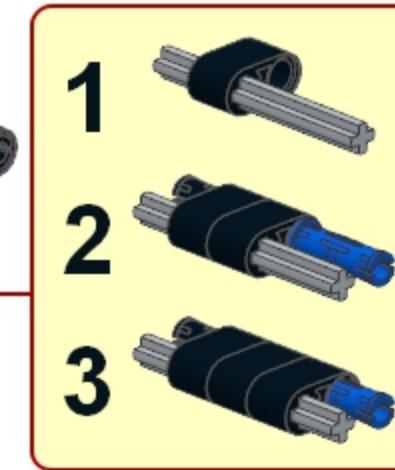
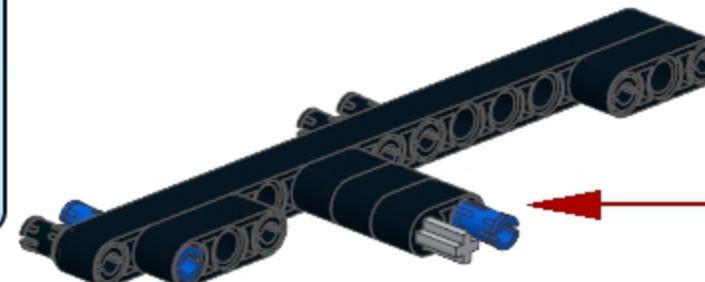
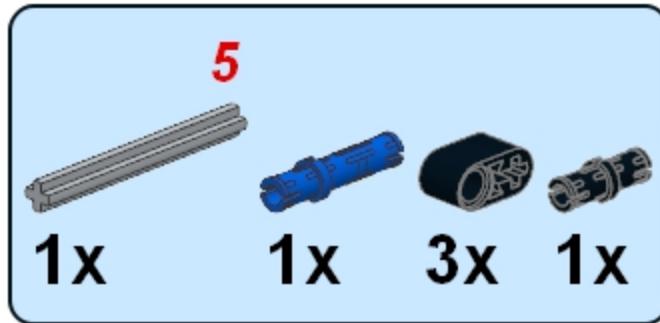
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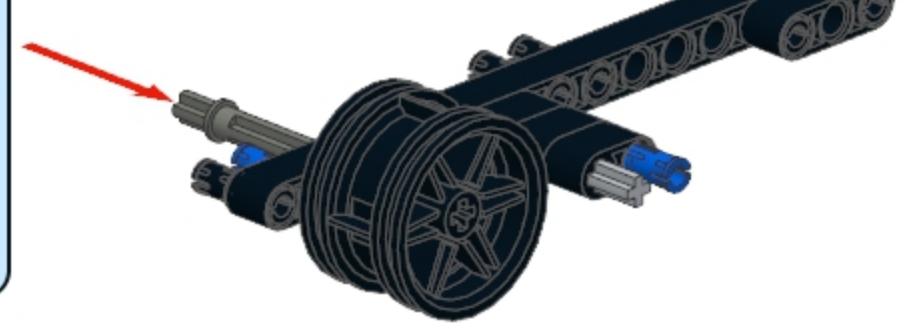
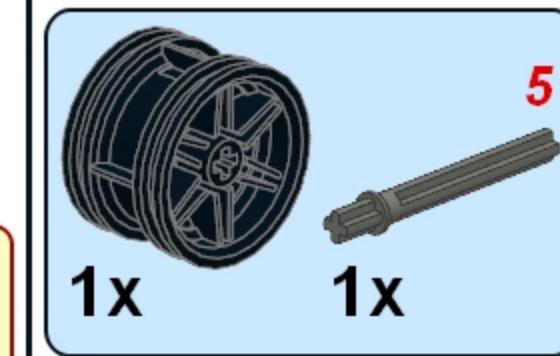
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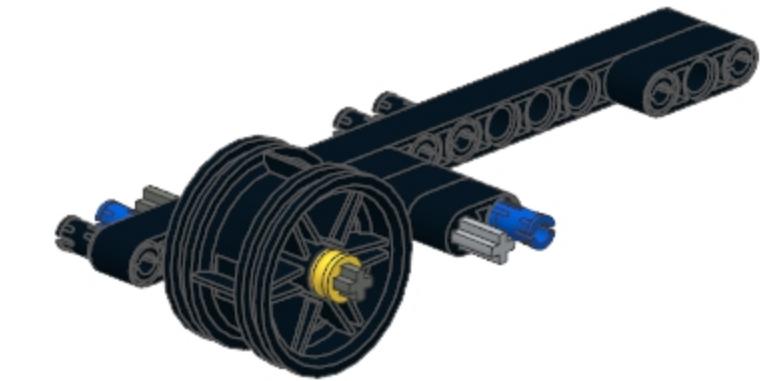
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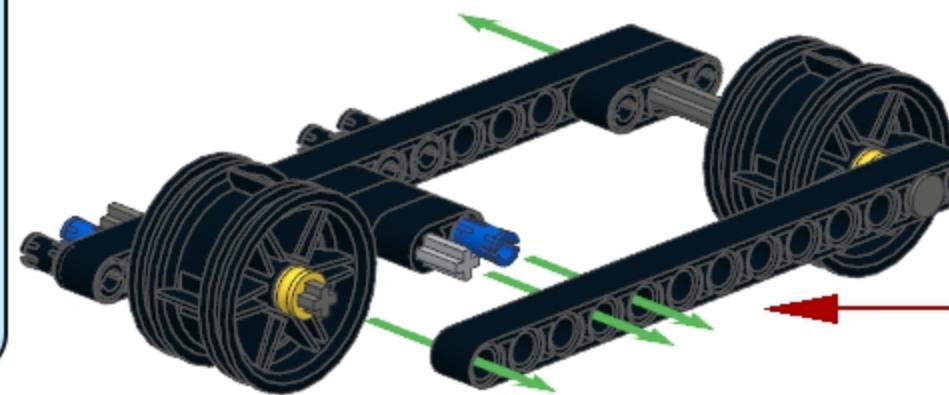
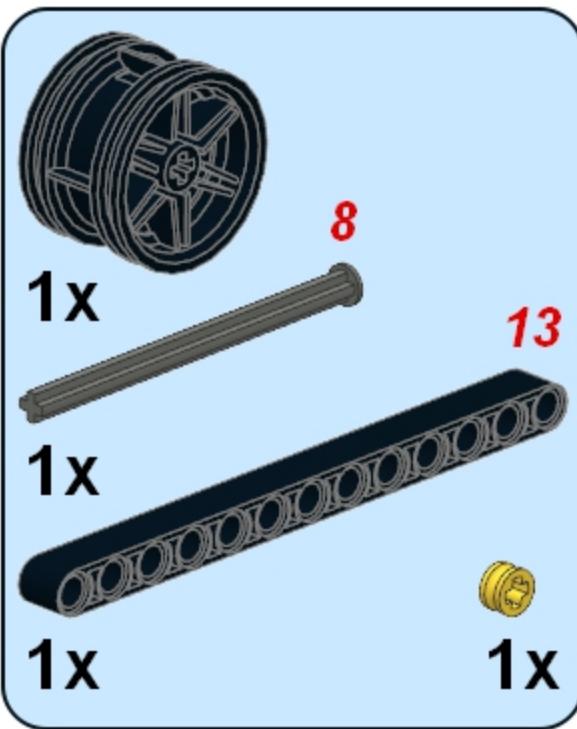
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**6**



**7**



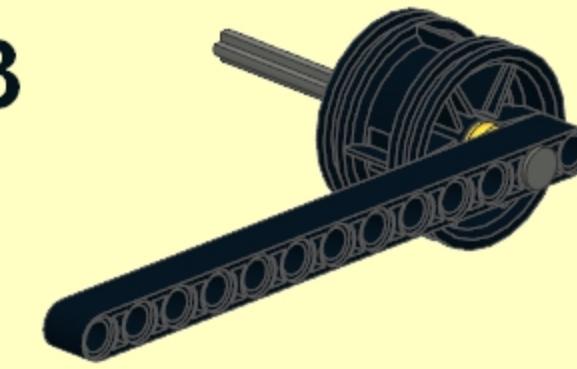
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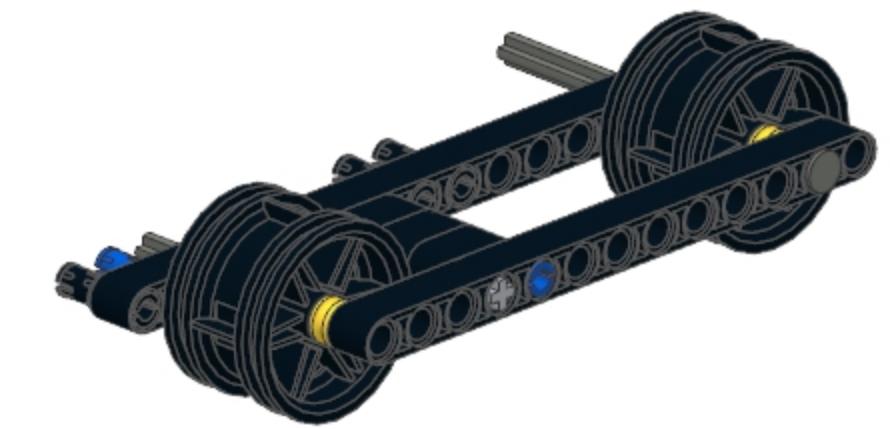
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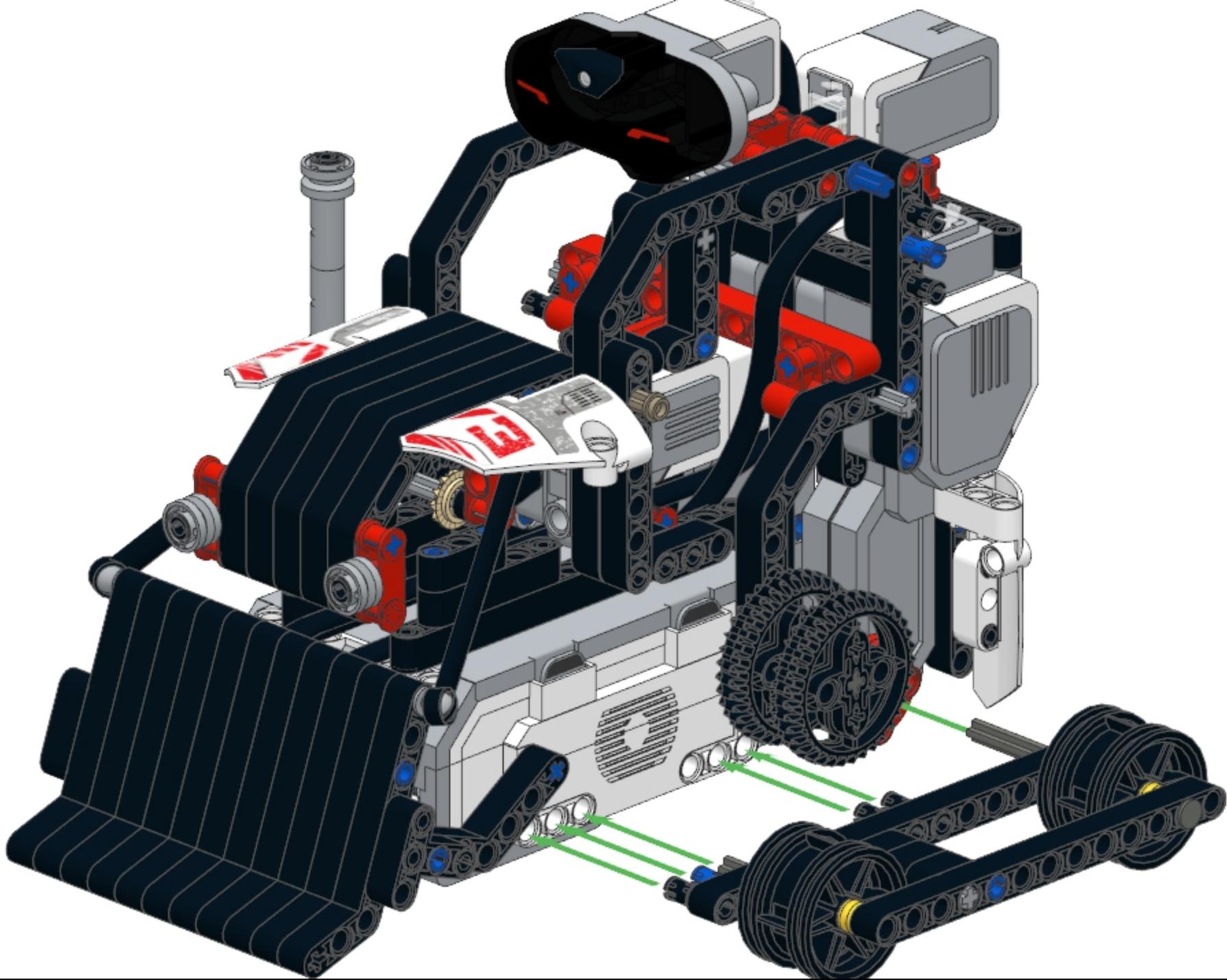
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**8**

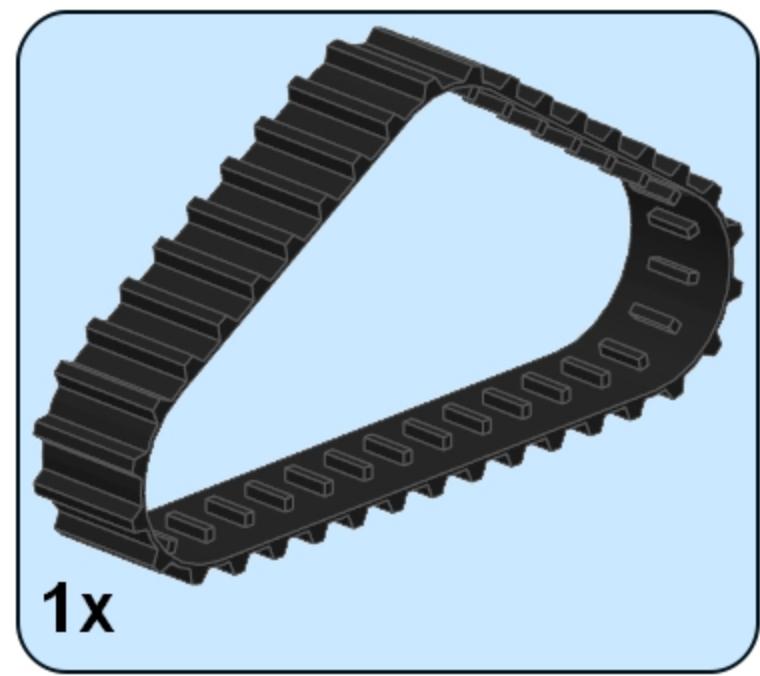


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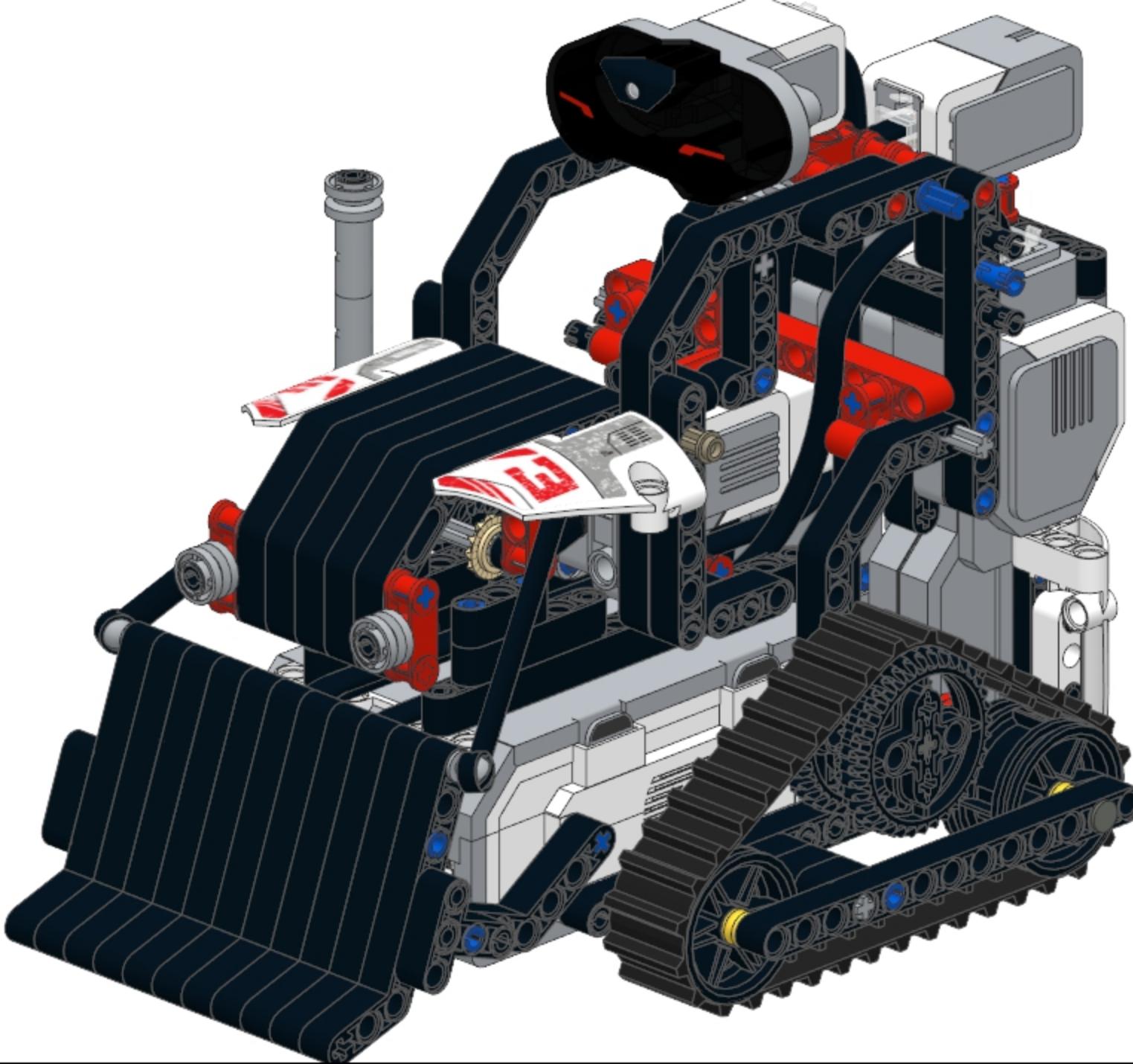


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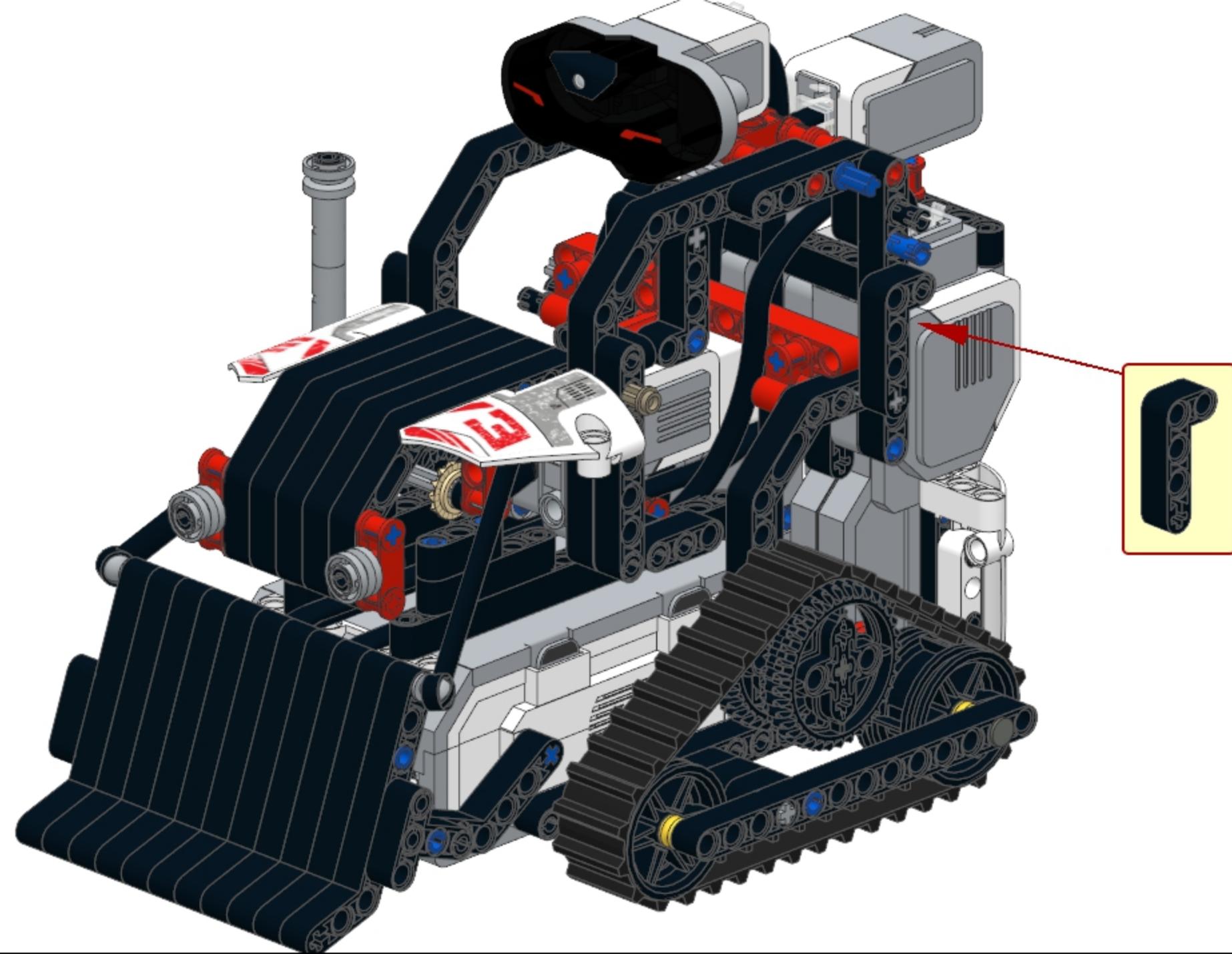
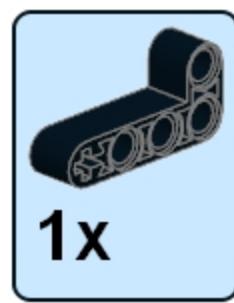
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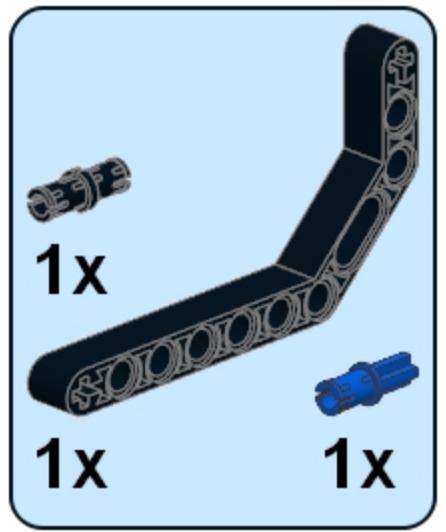
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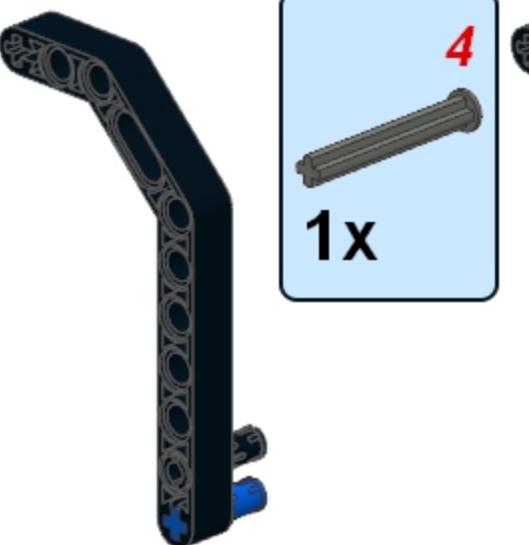
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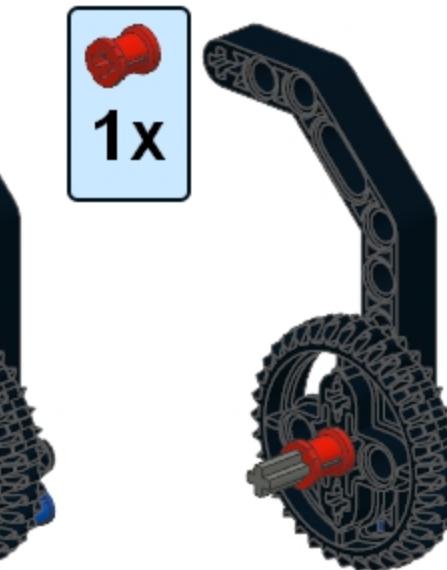
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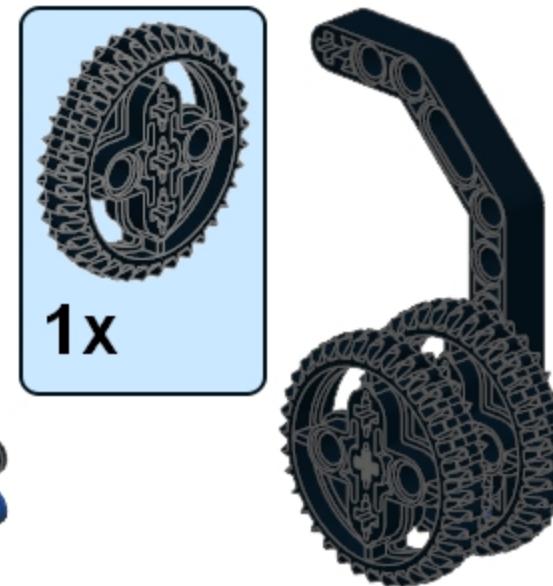
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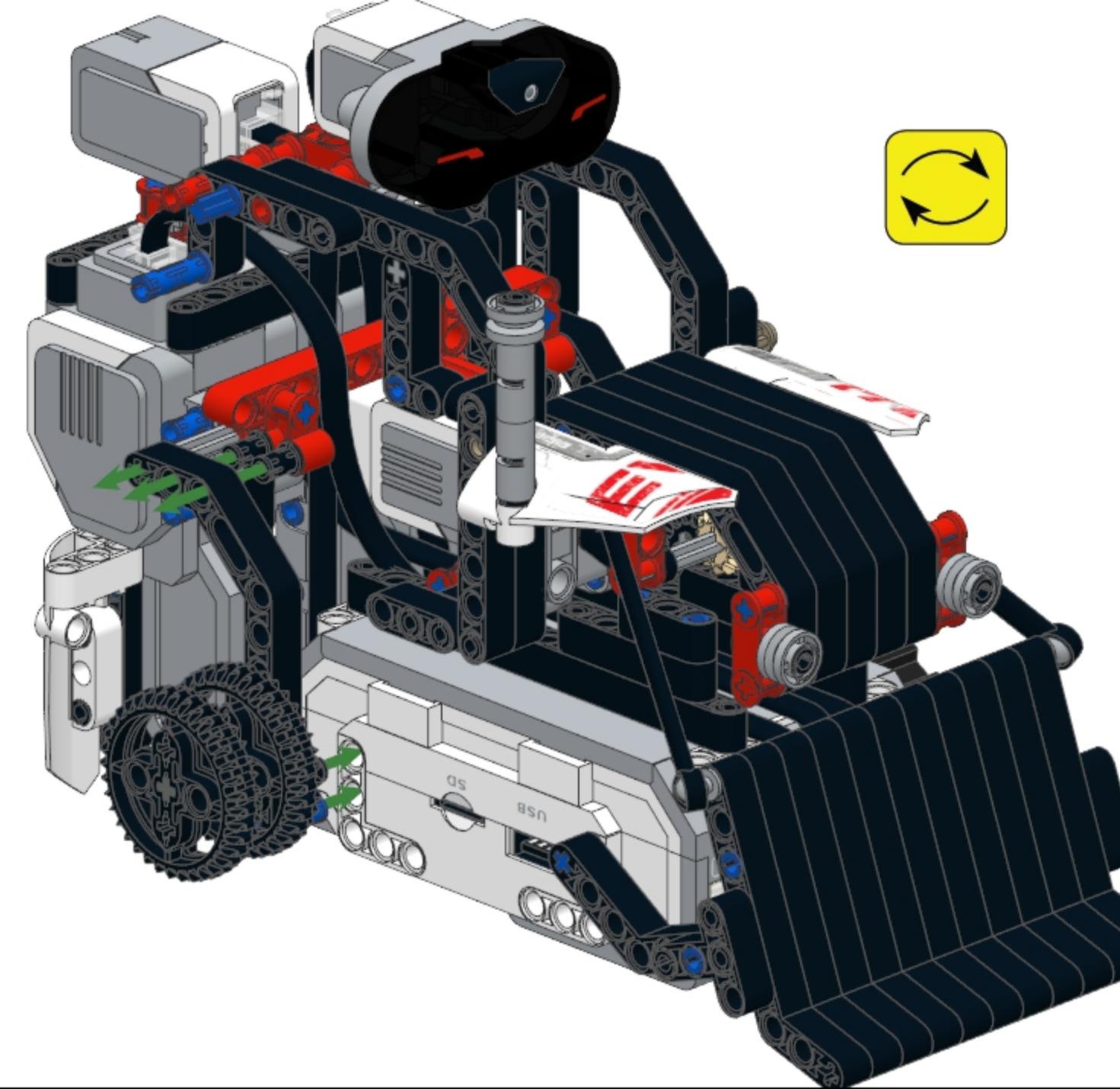
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**5**

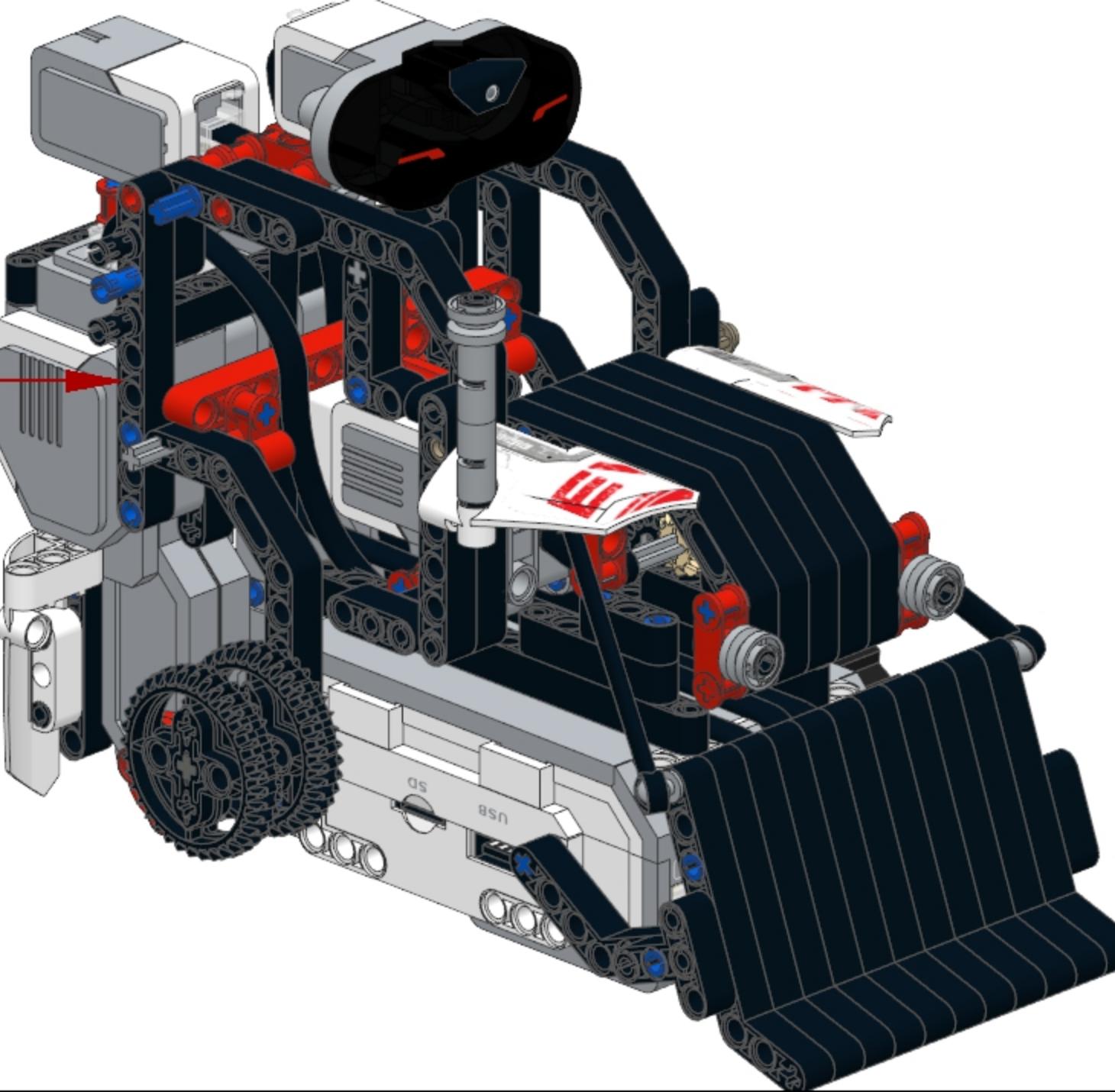
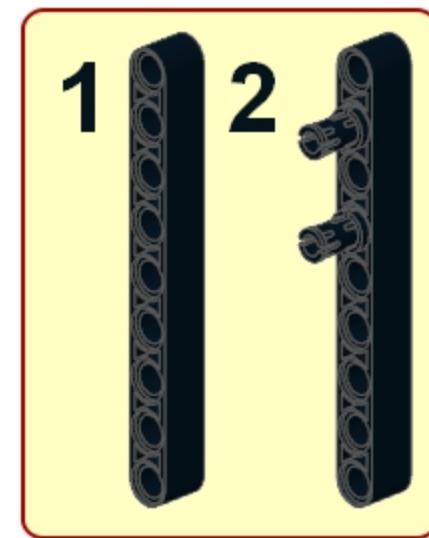
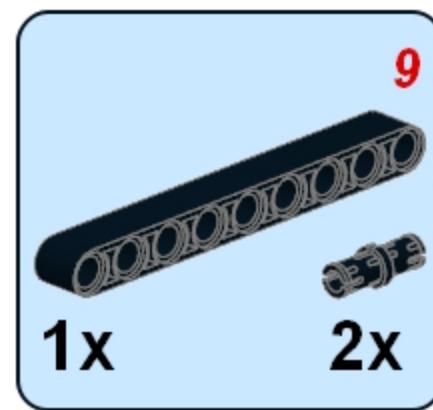


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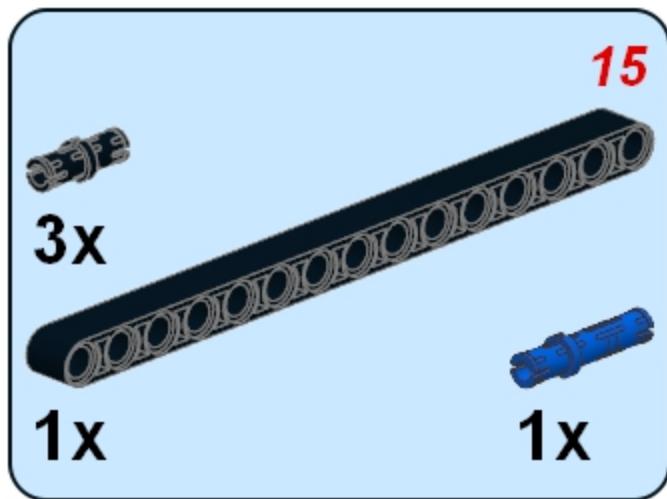


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30



**1**



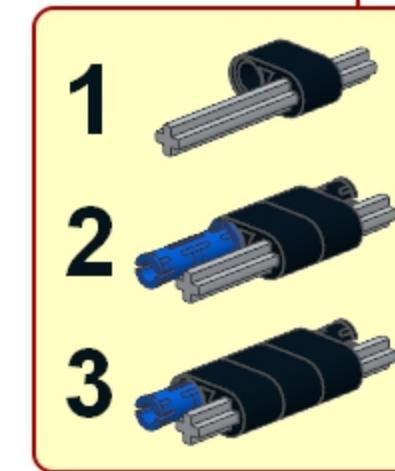
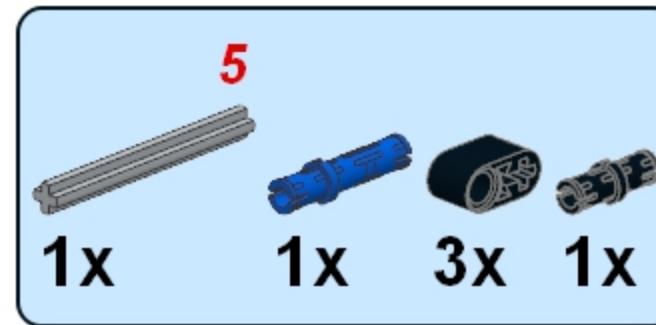
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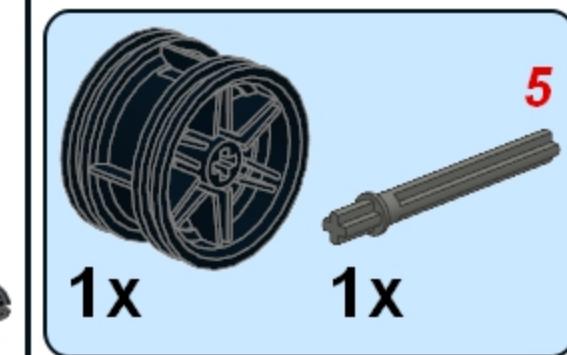
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**4**



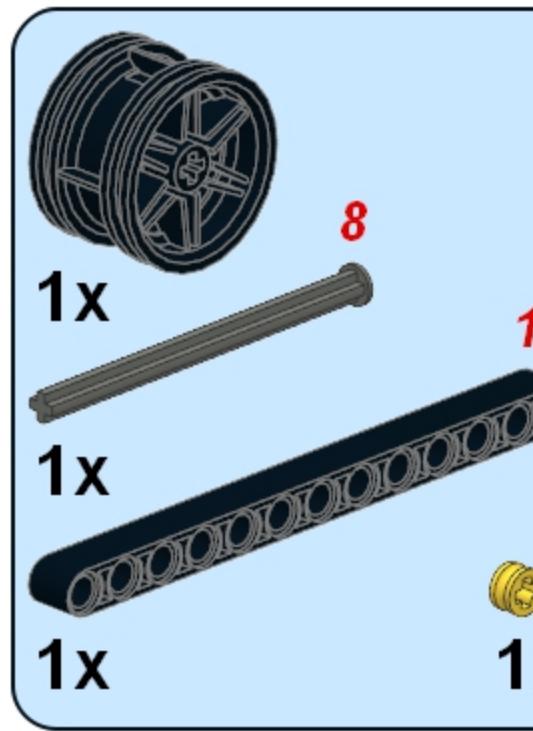
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**6**



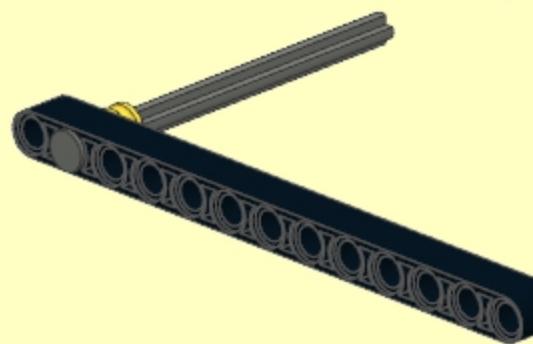
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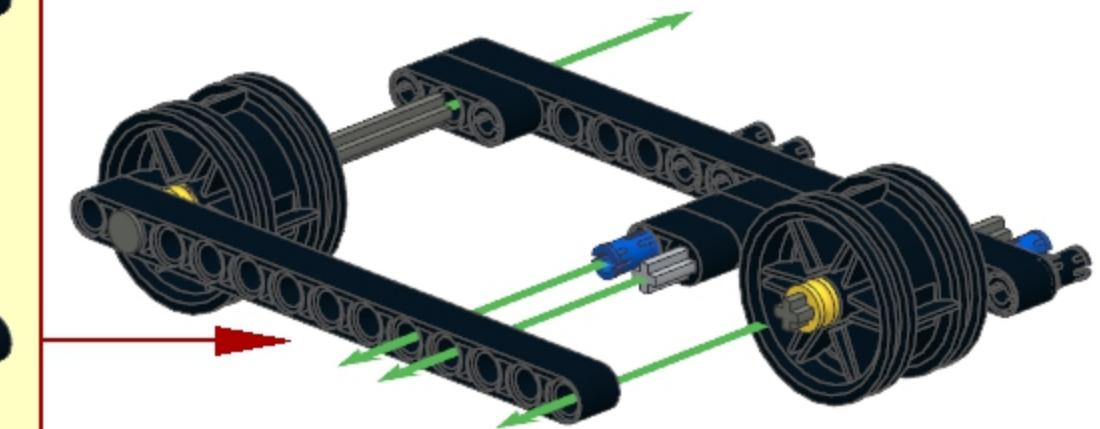
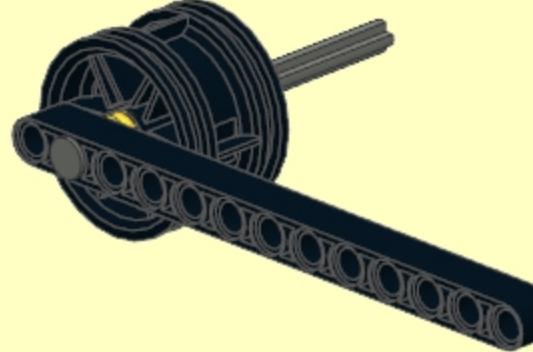
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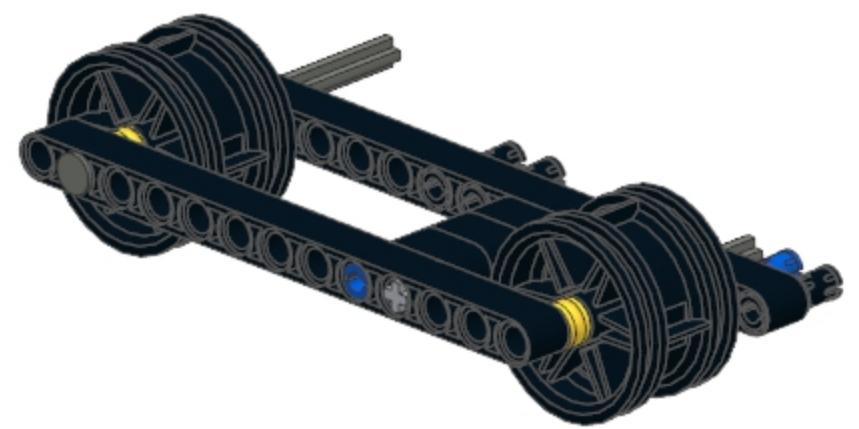
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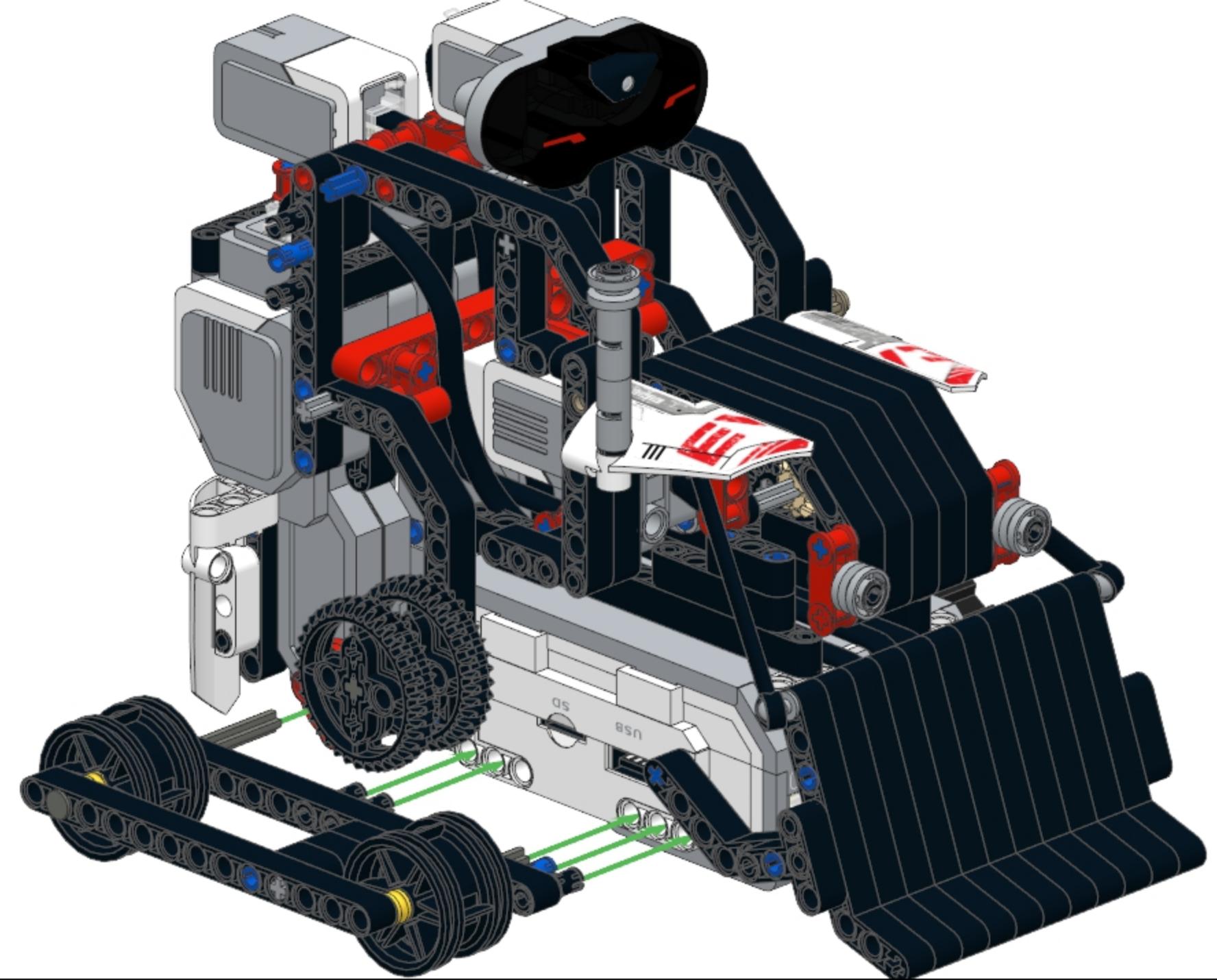
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**8**

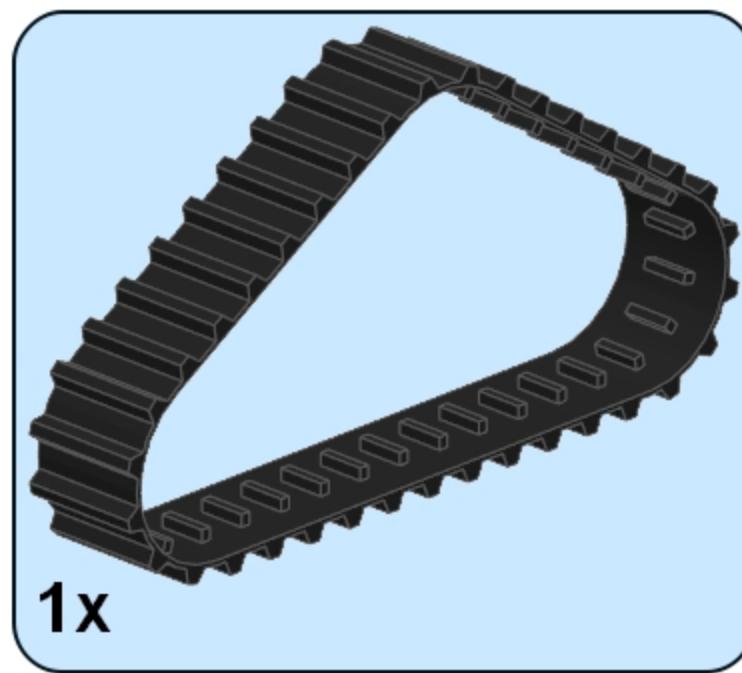


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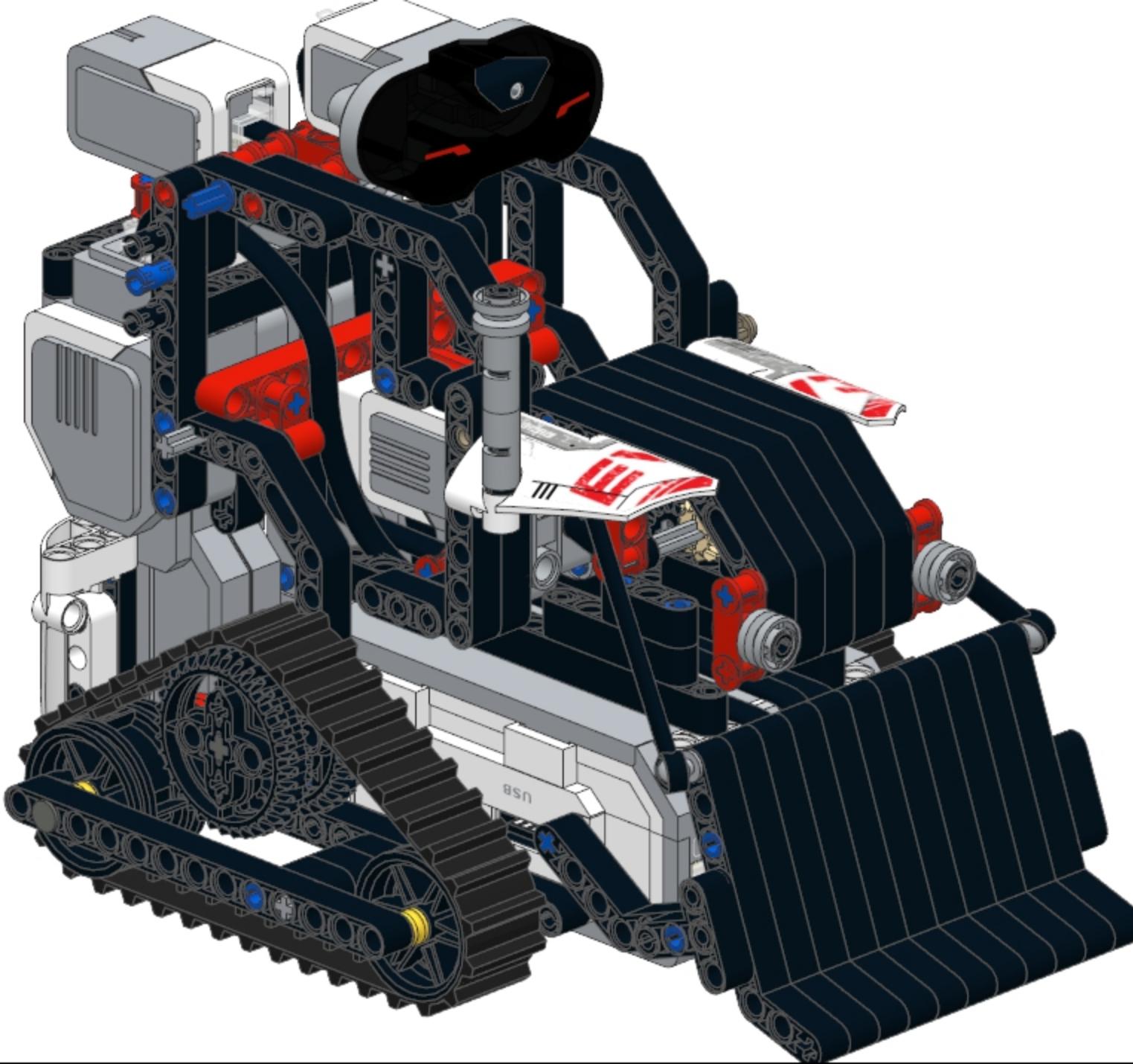


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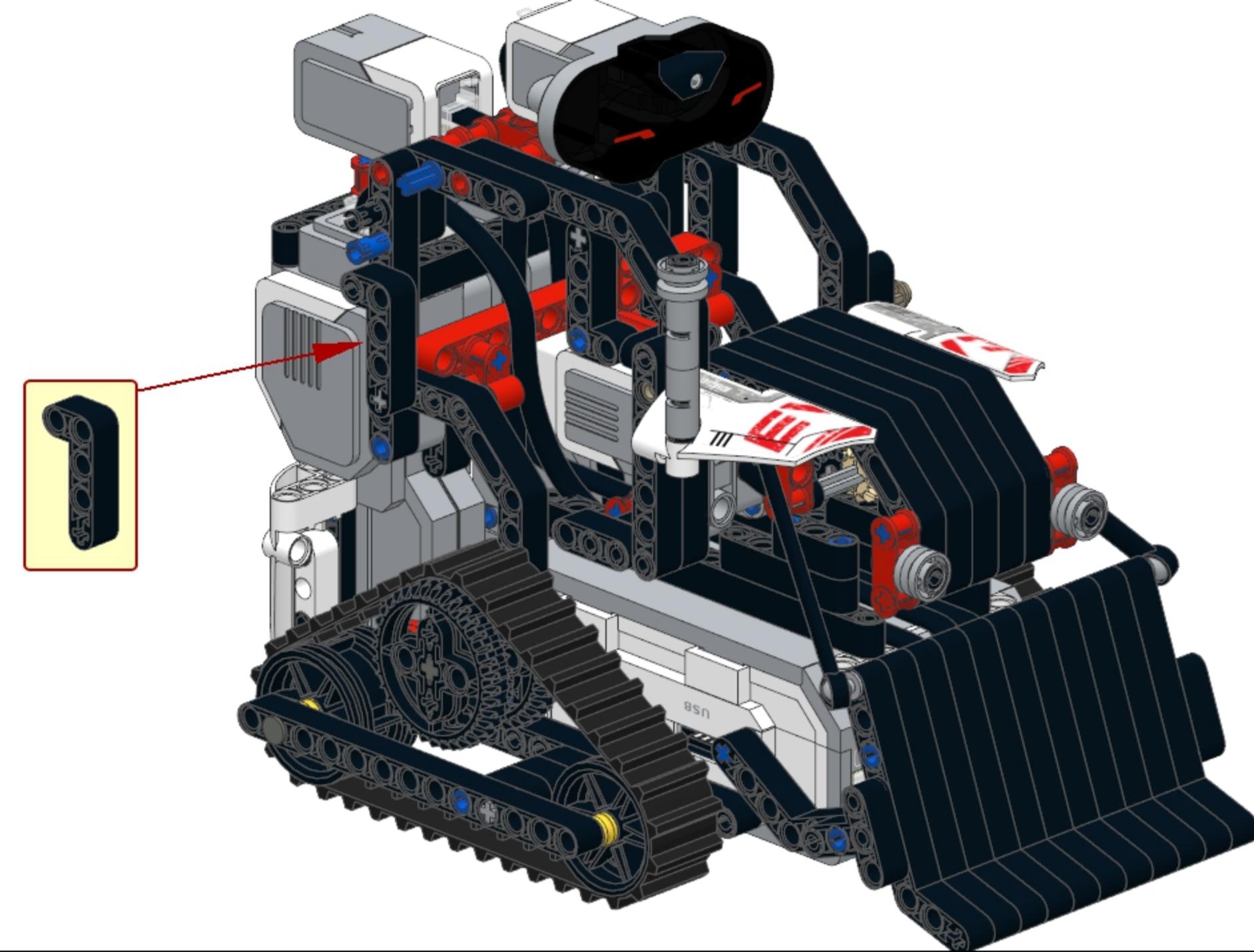
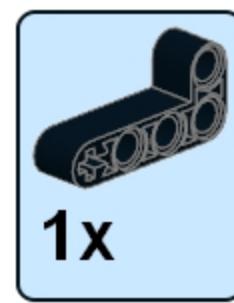
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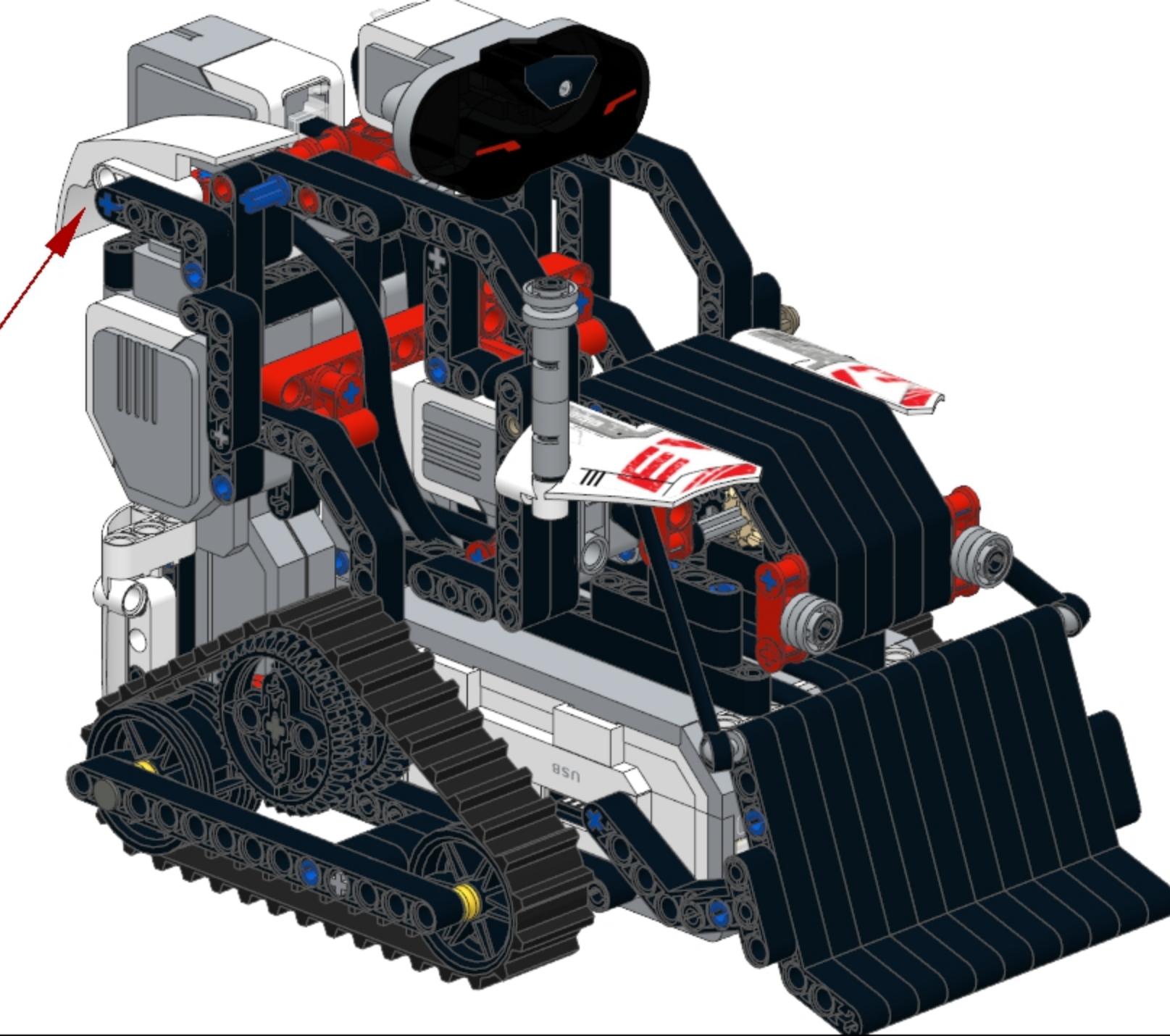
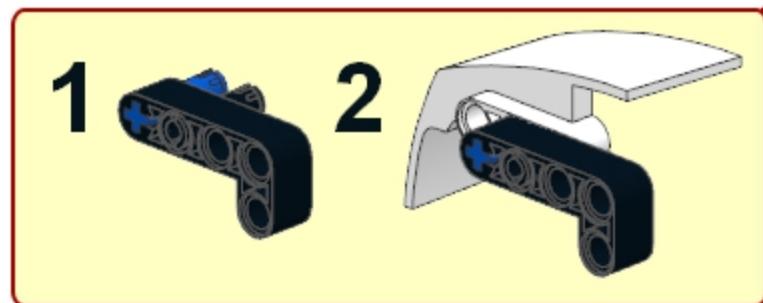
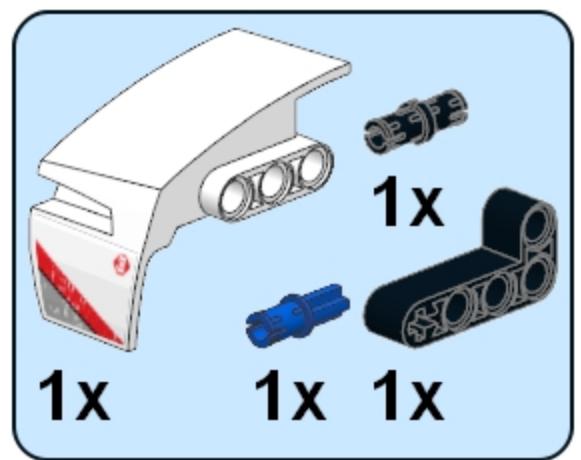
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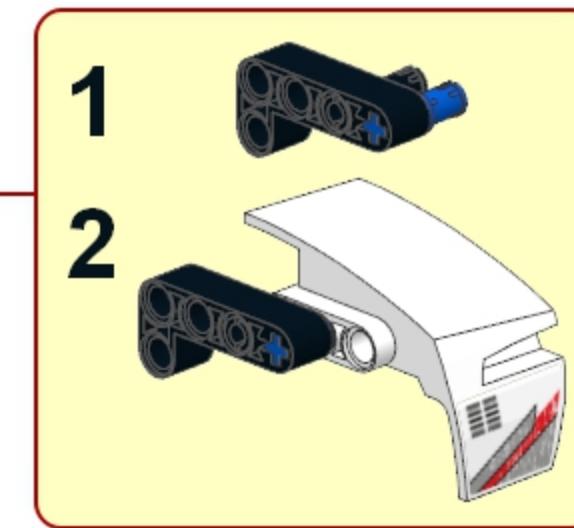
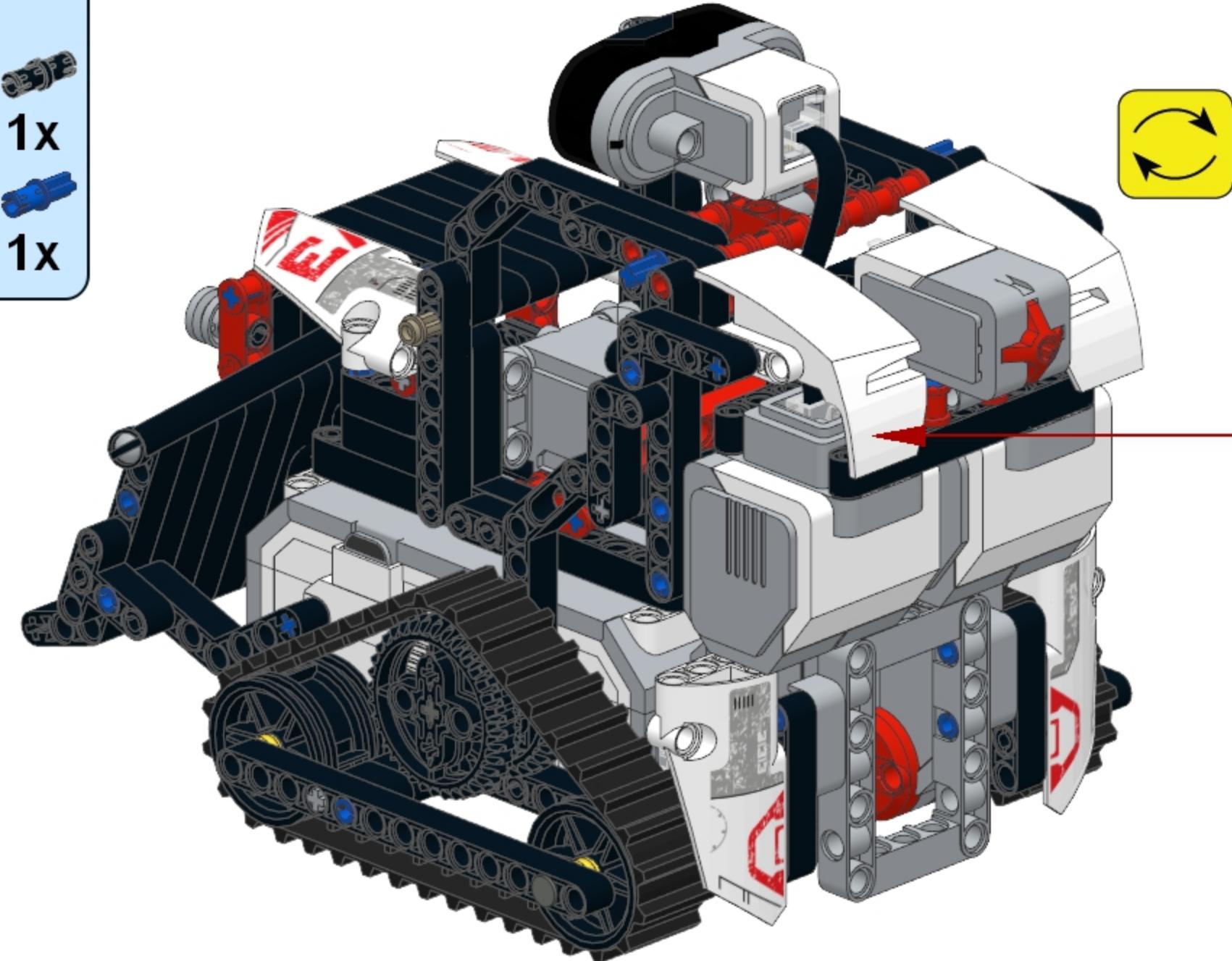
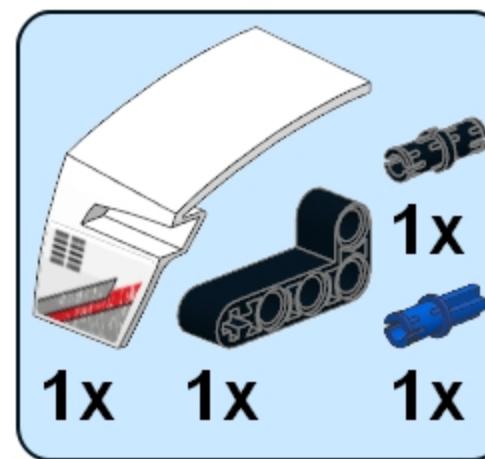
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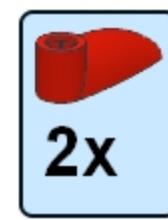
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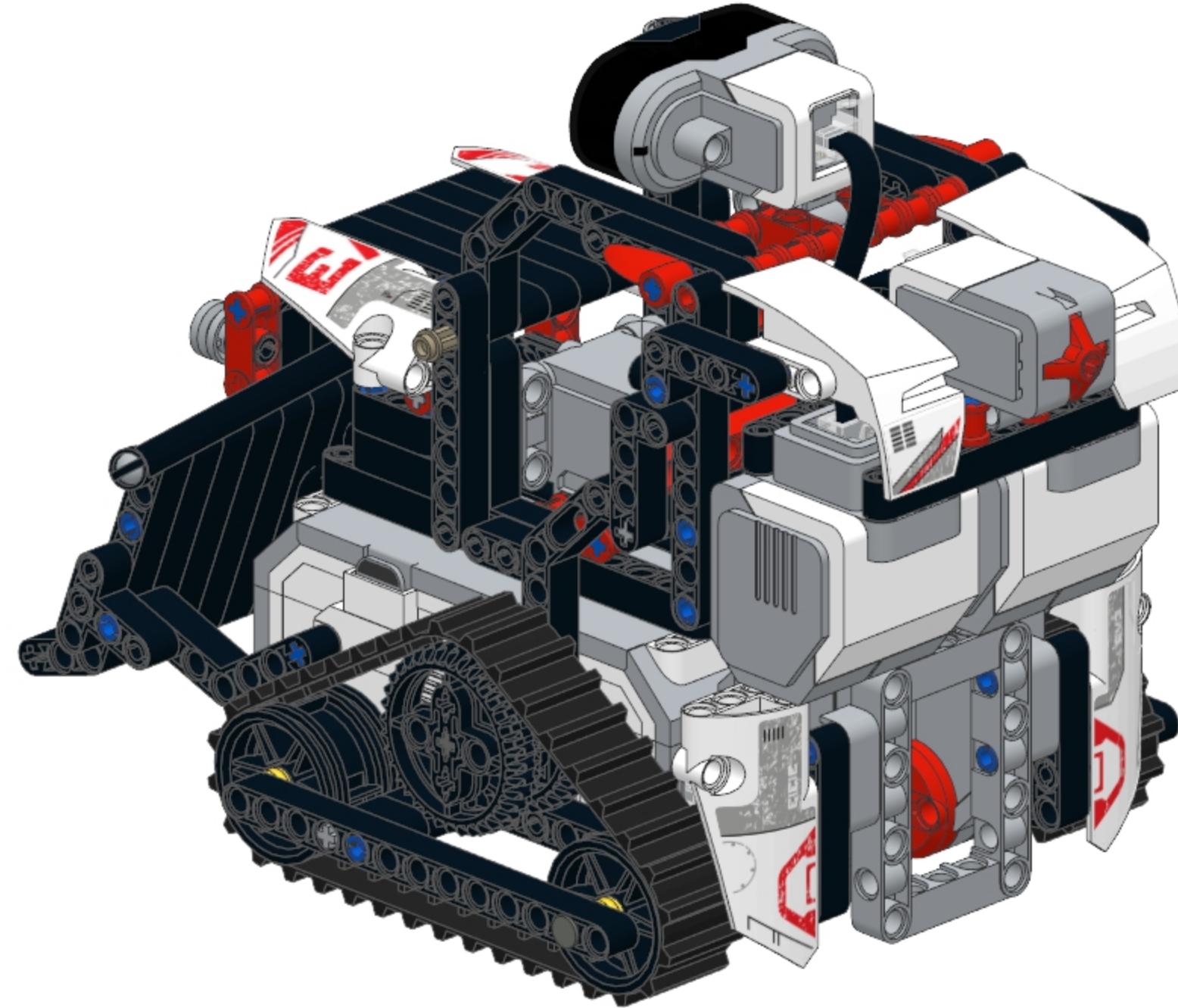
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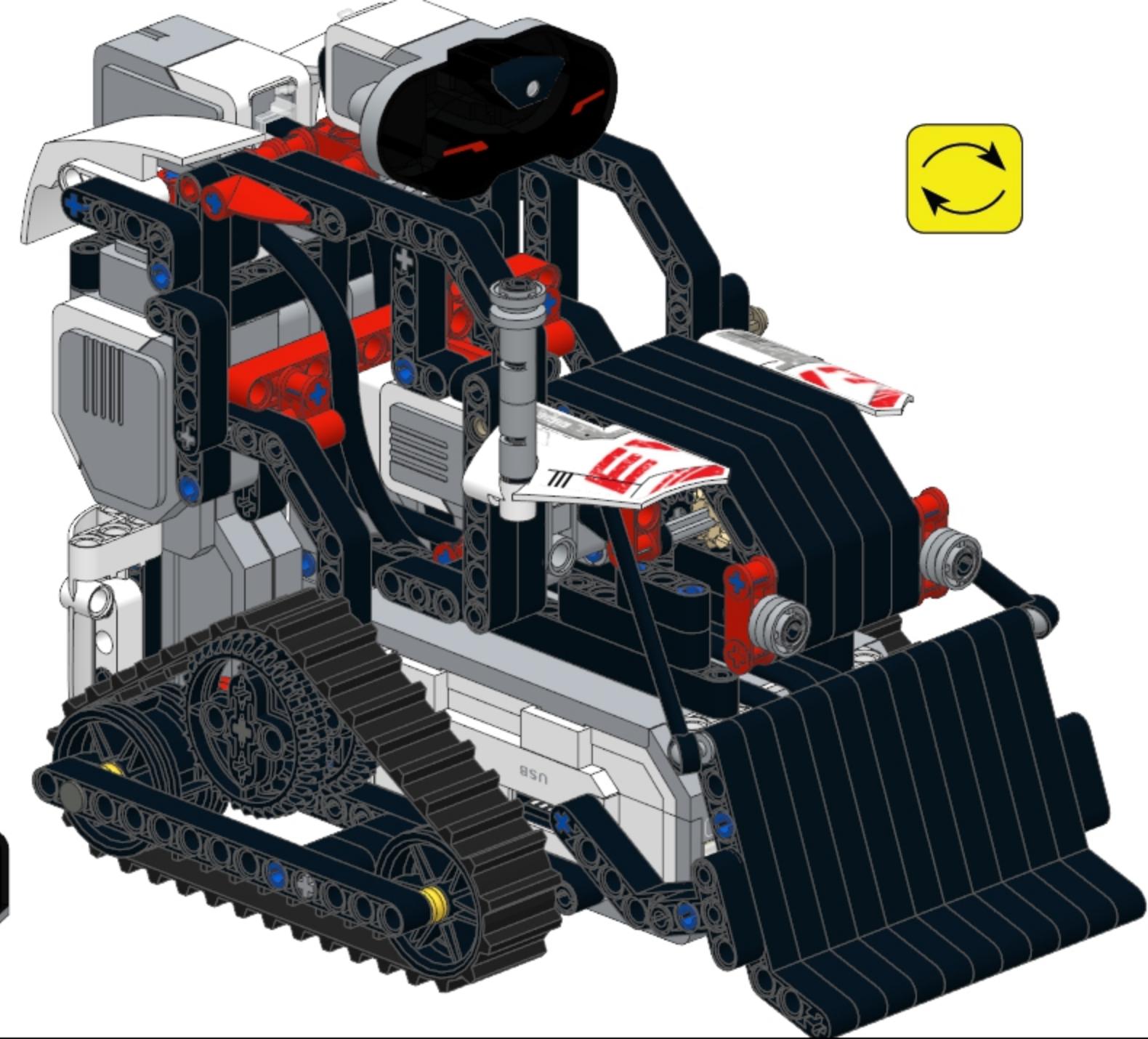
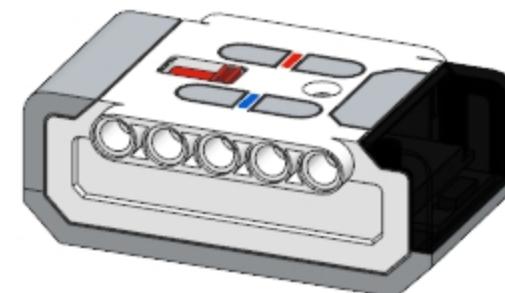
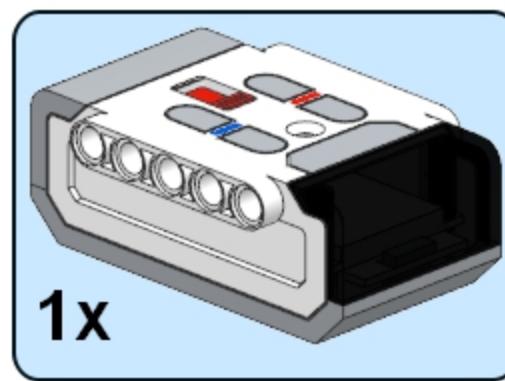
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2x

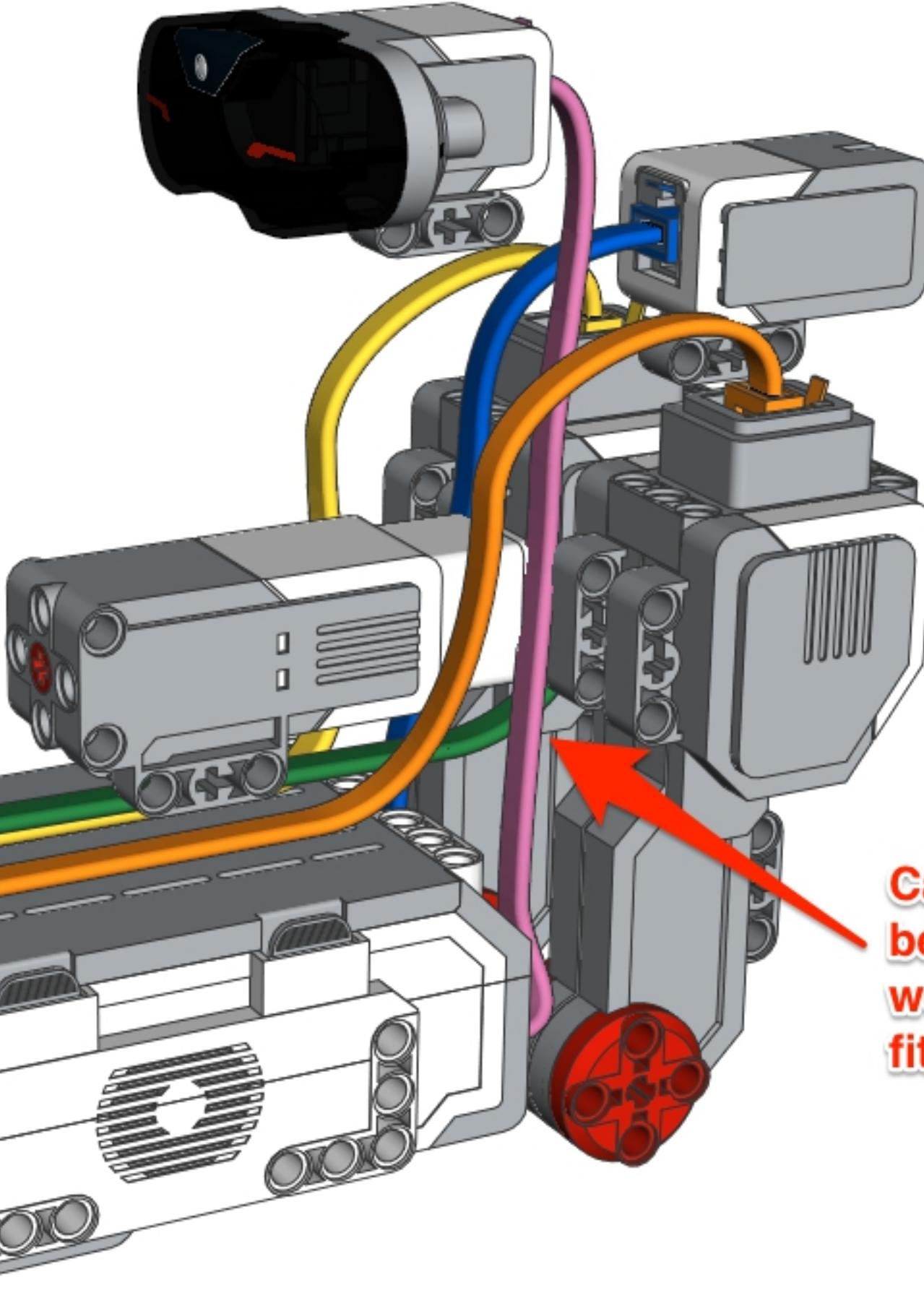


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# Cable routing for ROBODOZ3R

Connect left motor to Port C  
and right motor to Port B. Small  
motor connects to Port A.



Cables are tricky to fit  
between Lego pieces. Don't  
worry if you cannot make them  
fit on your first go.