

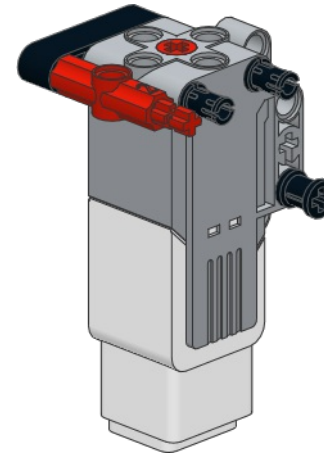
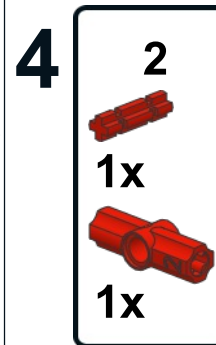
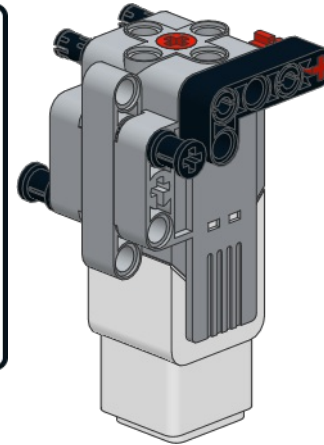
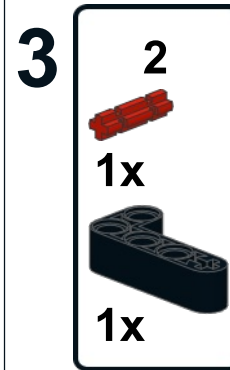
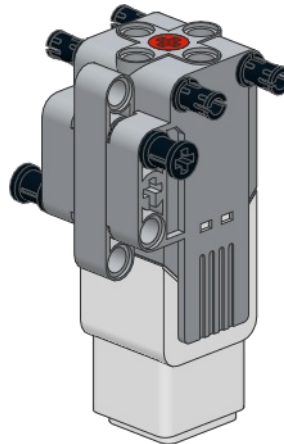
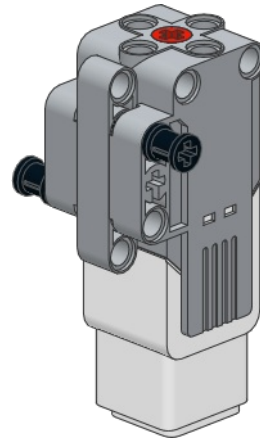
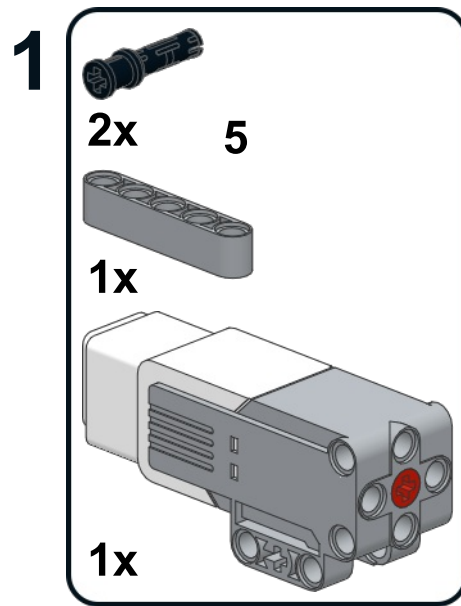
DUCK TOPPL3R

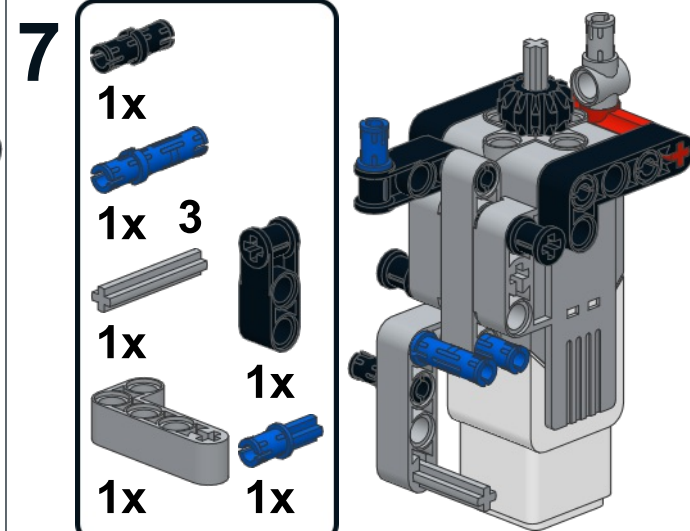
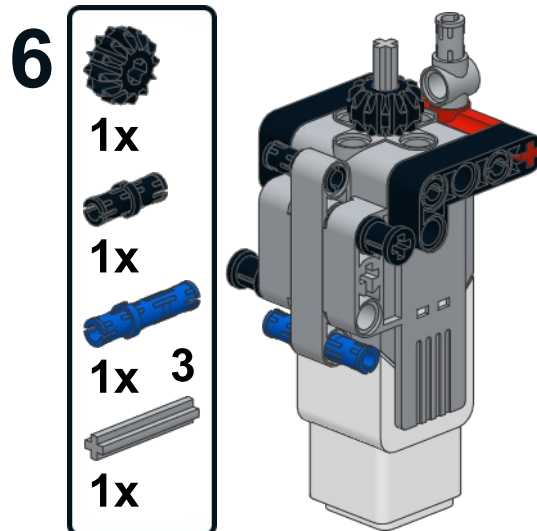
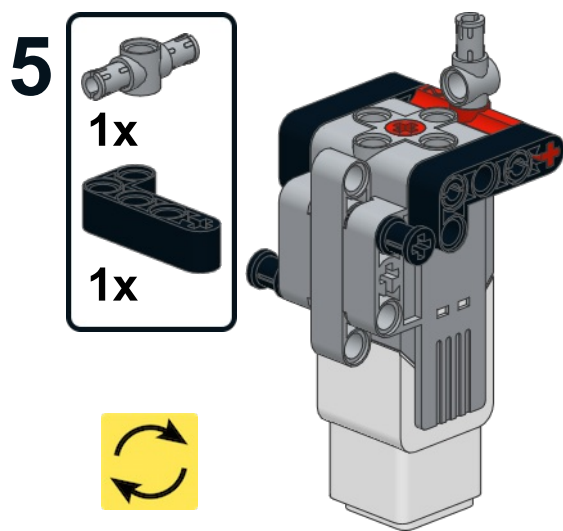
By Jerry Nicholls

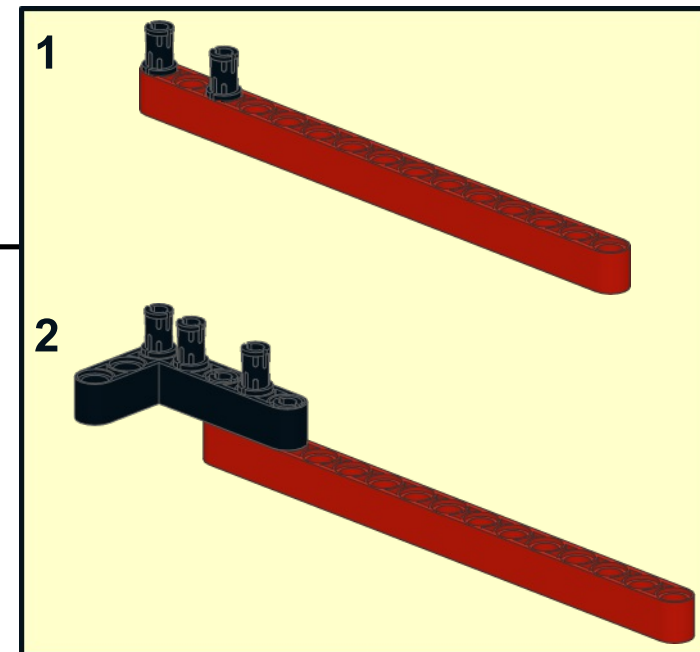
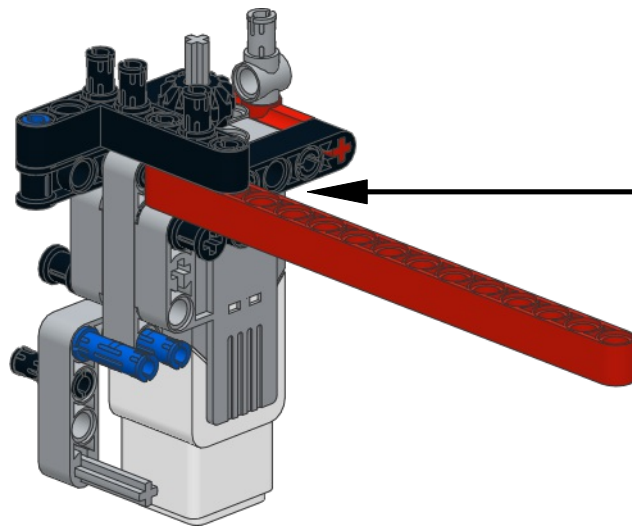
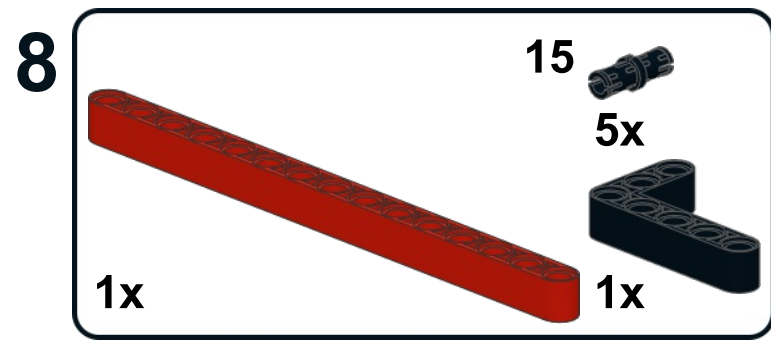


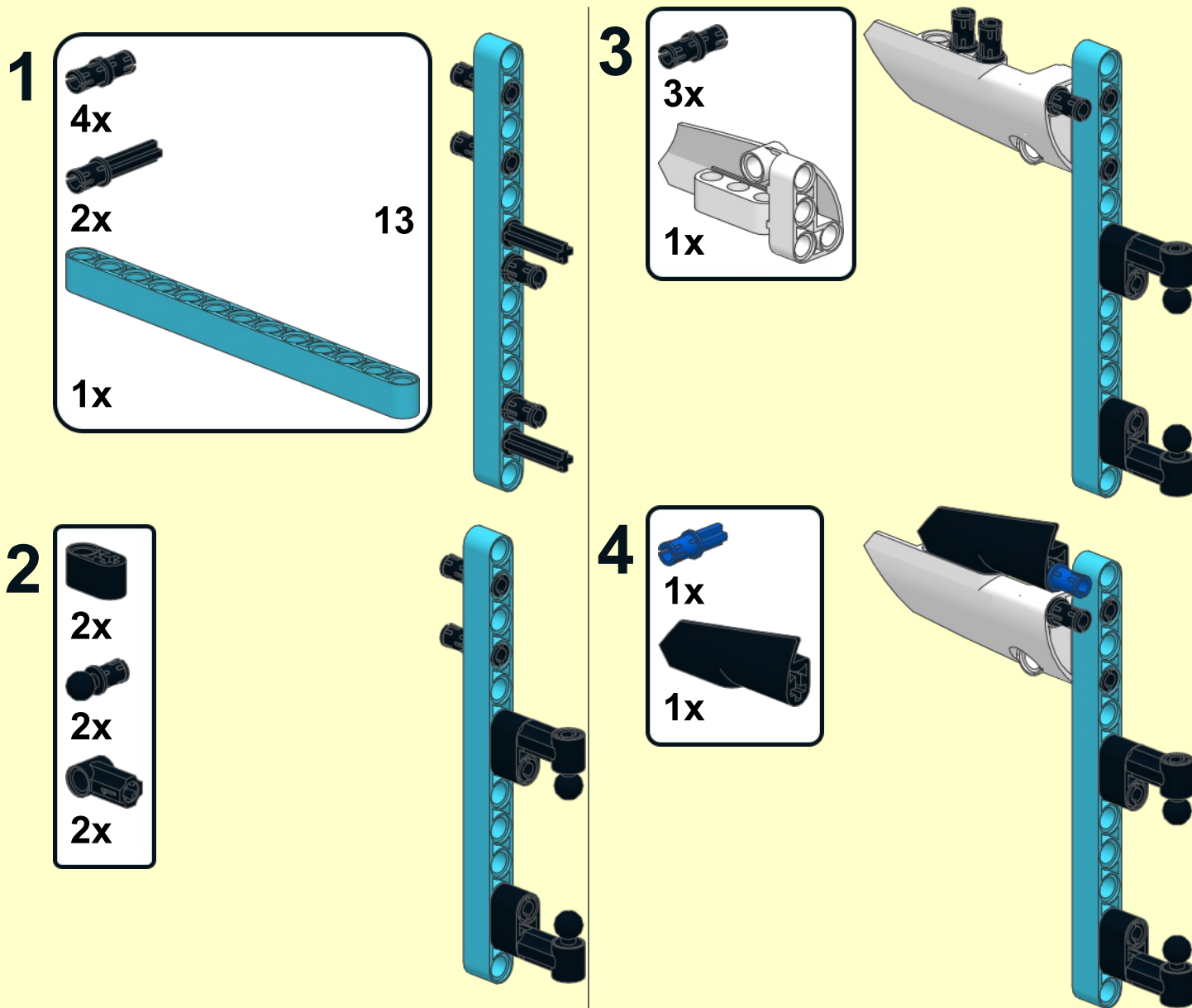
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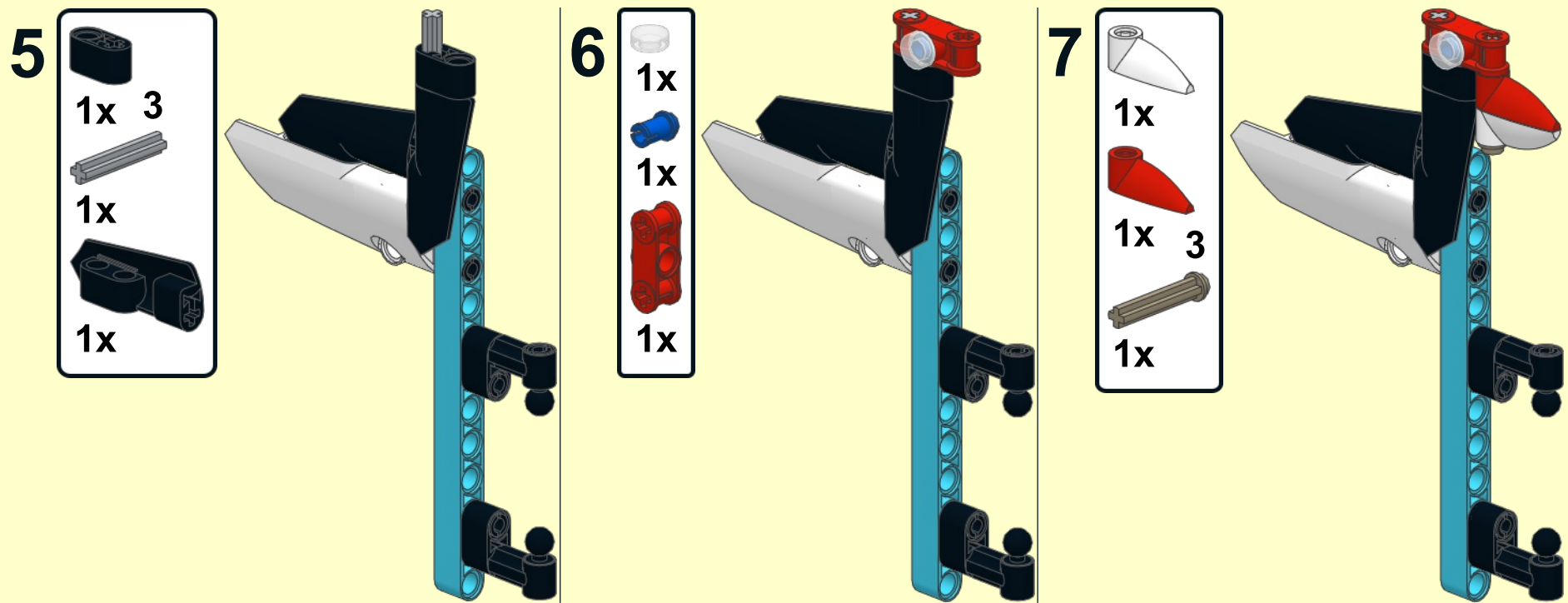
The MINDSTORMS® Community Partners present ROBOTREMIX3 (31313 + 42050) Community Challenge 2016. DUCK TOPPL3R Design & Building Instructions by Jerry Nicholls. MINDSTORMS is a registered trademark of The LEGO Group. This work is licensed under a Creative Commons Attribution-NonCommercial 4.0 International License. August 2016



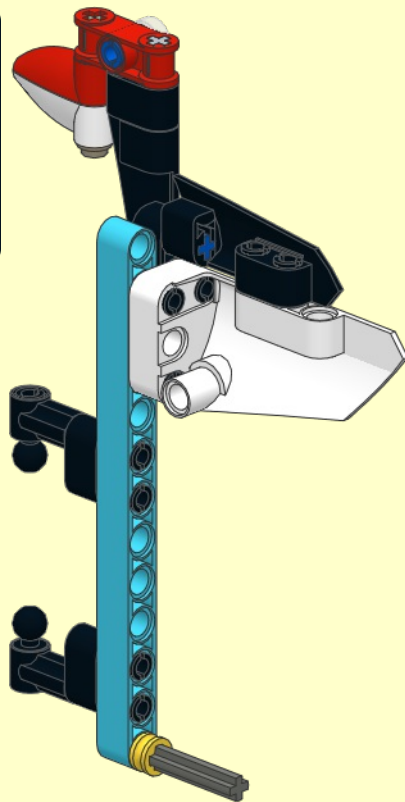
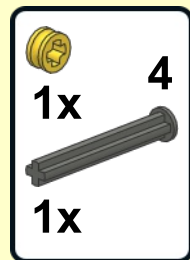




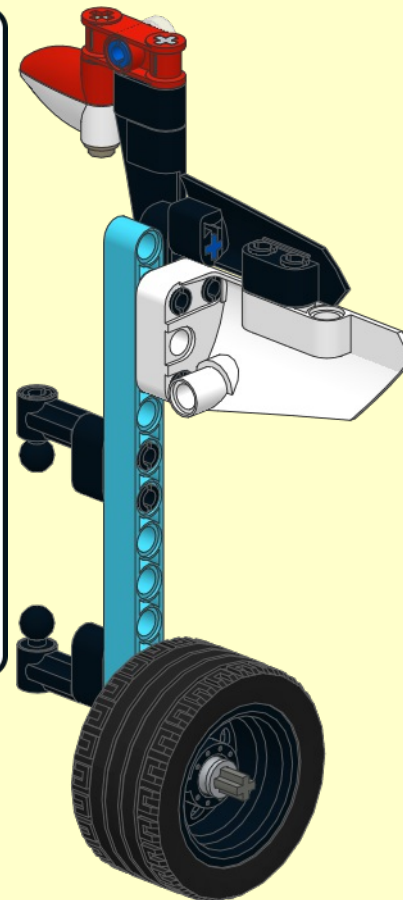




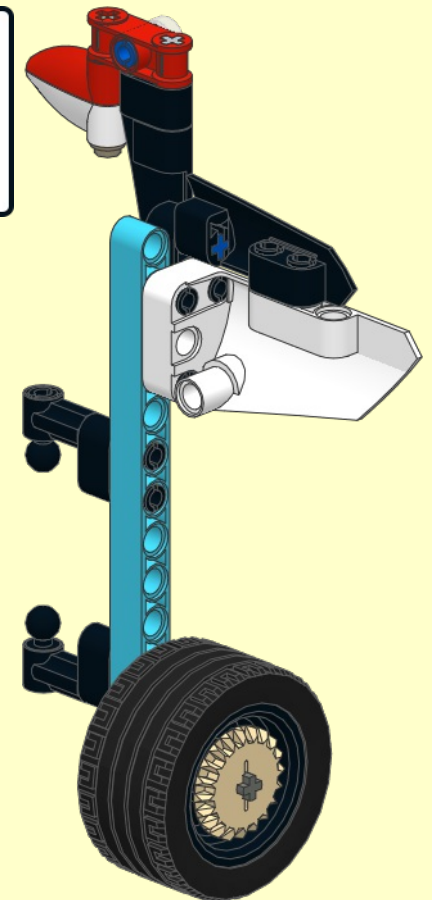
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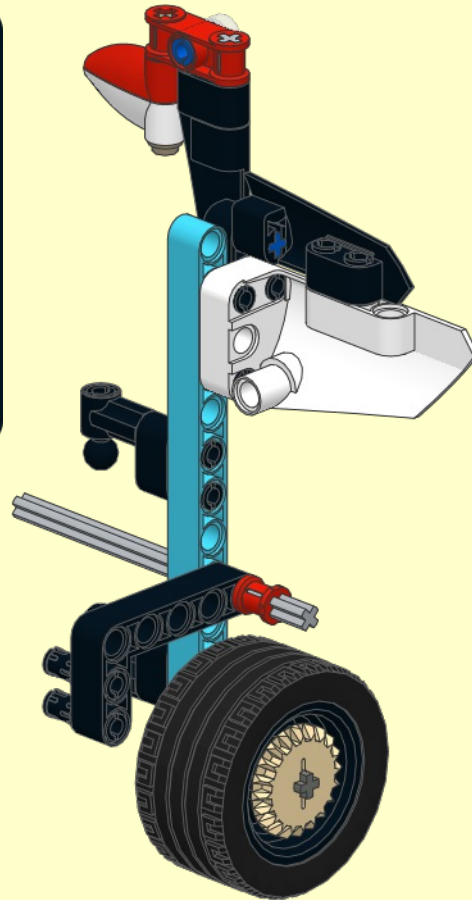
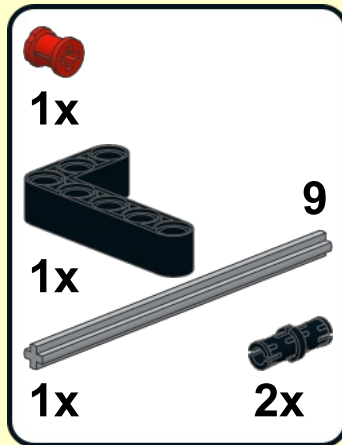
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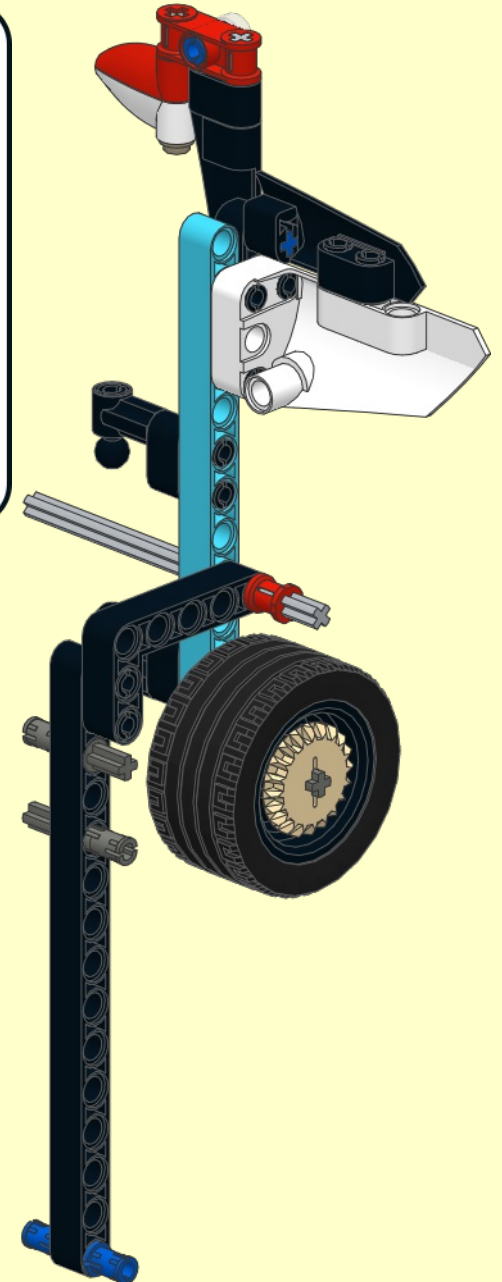
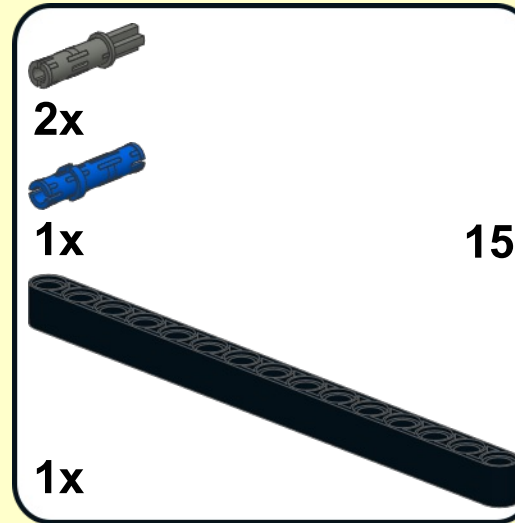
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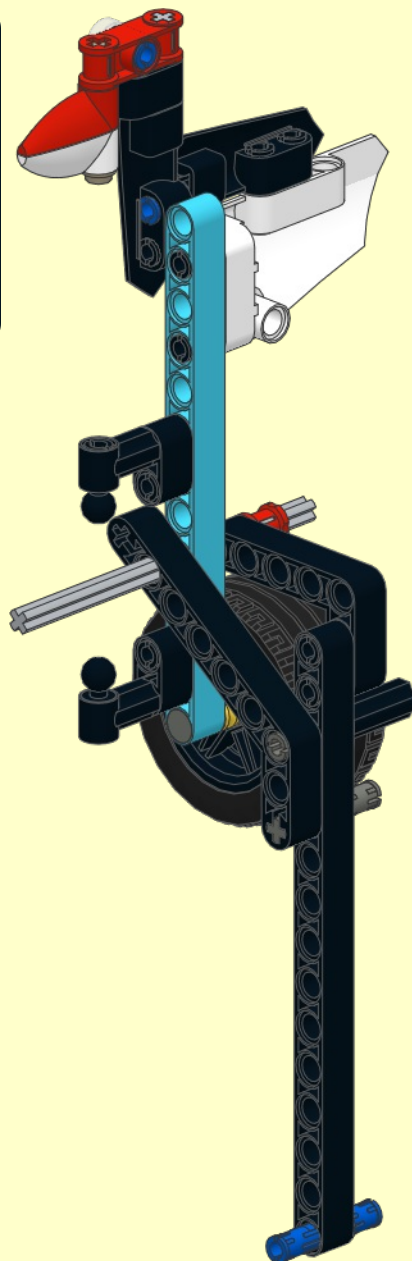
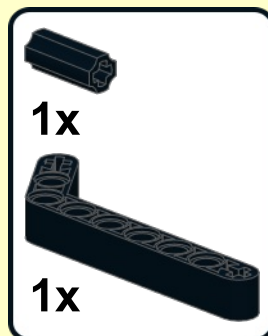
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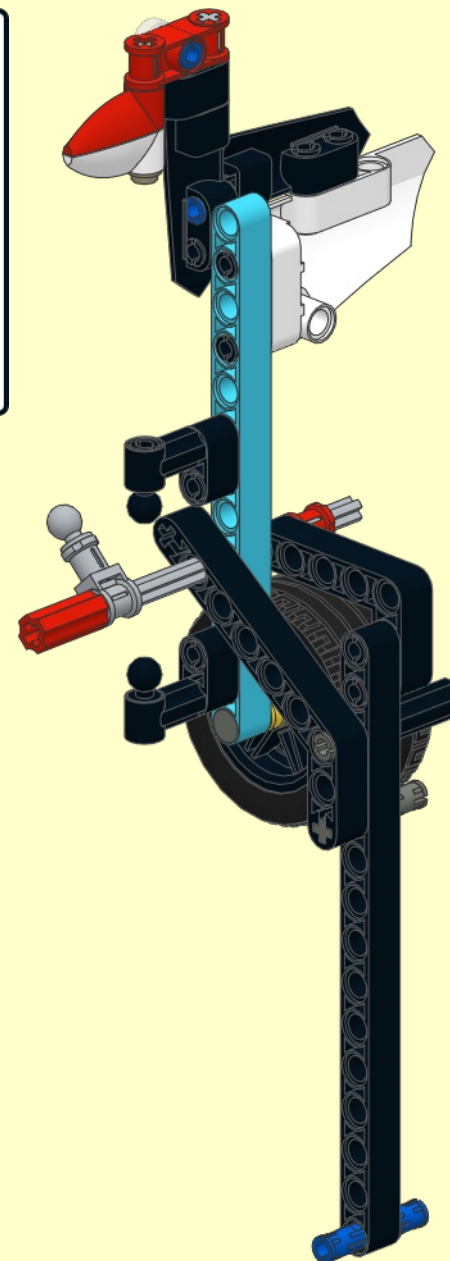
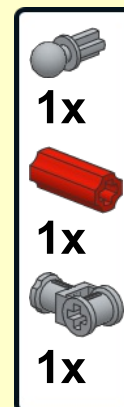
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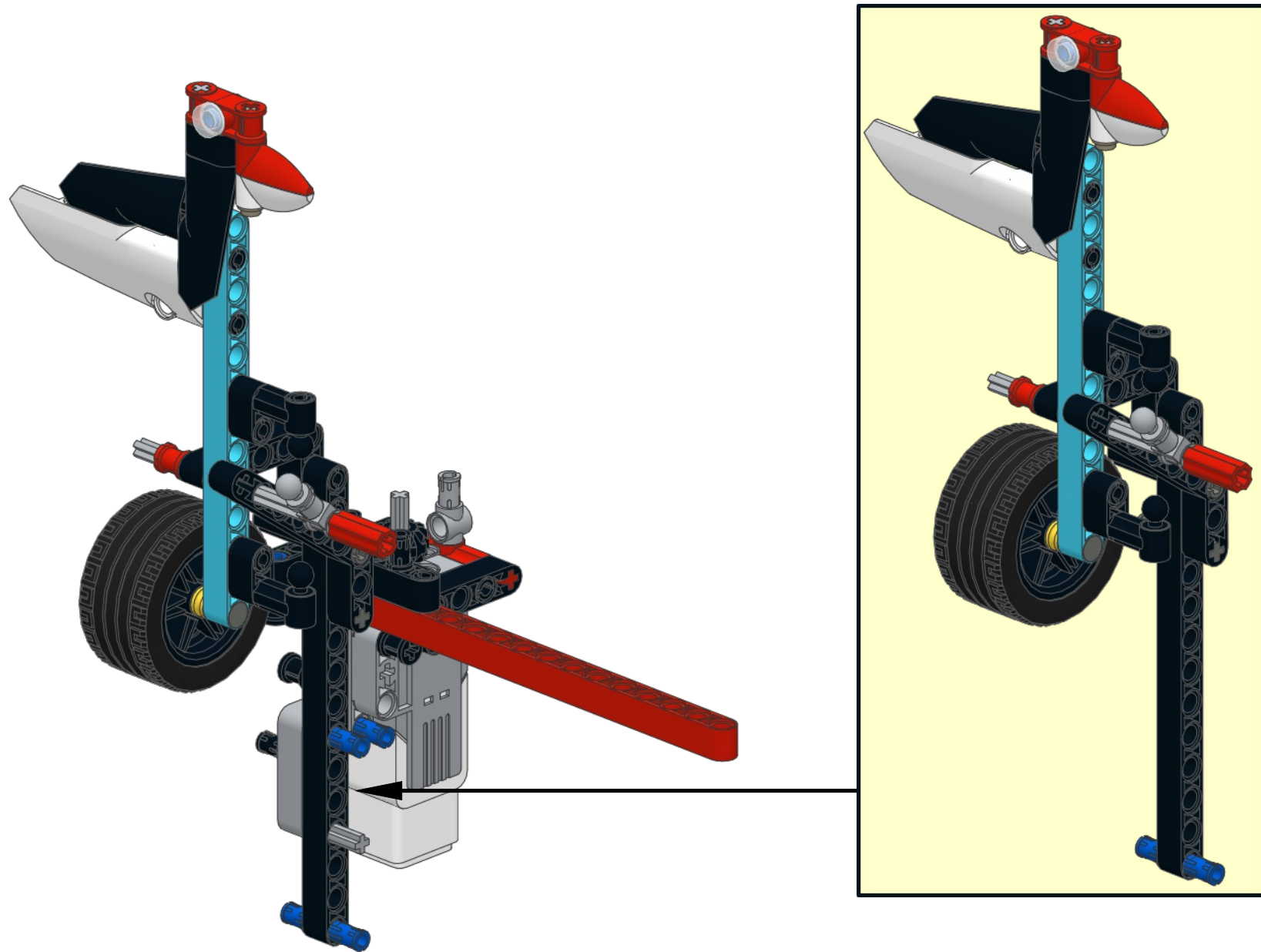


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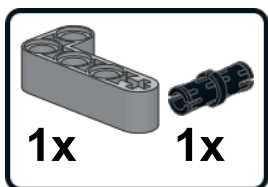


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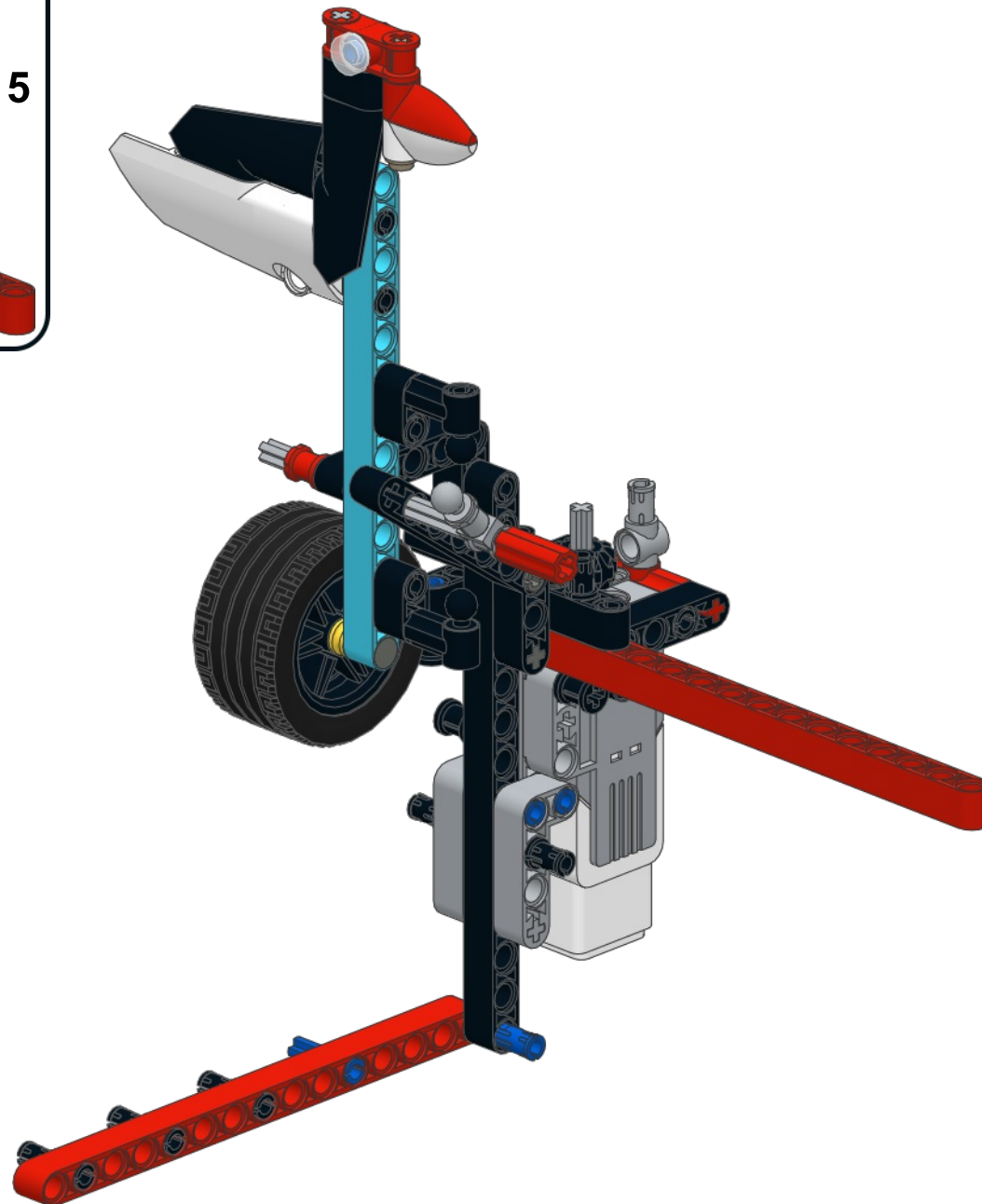


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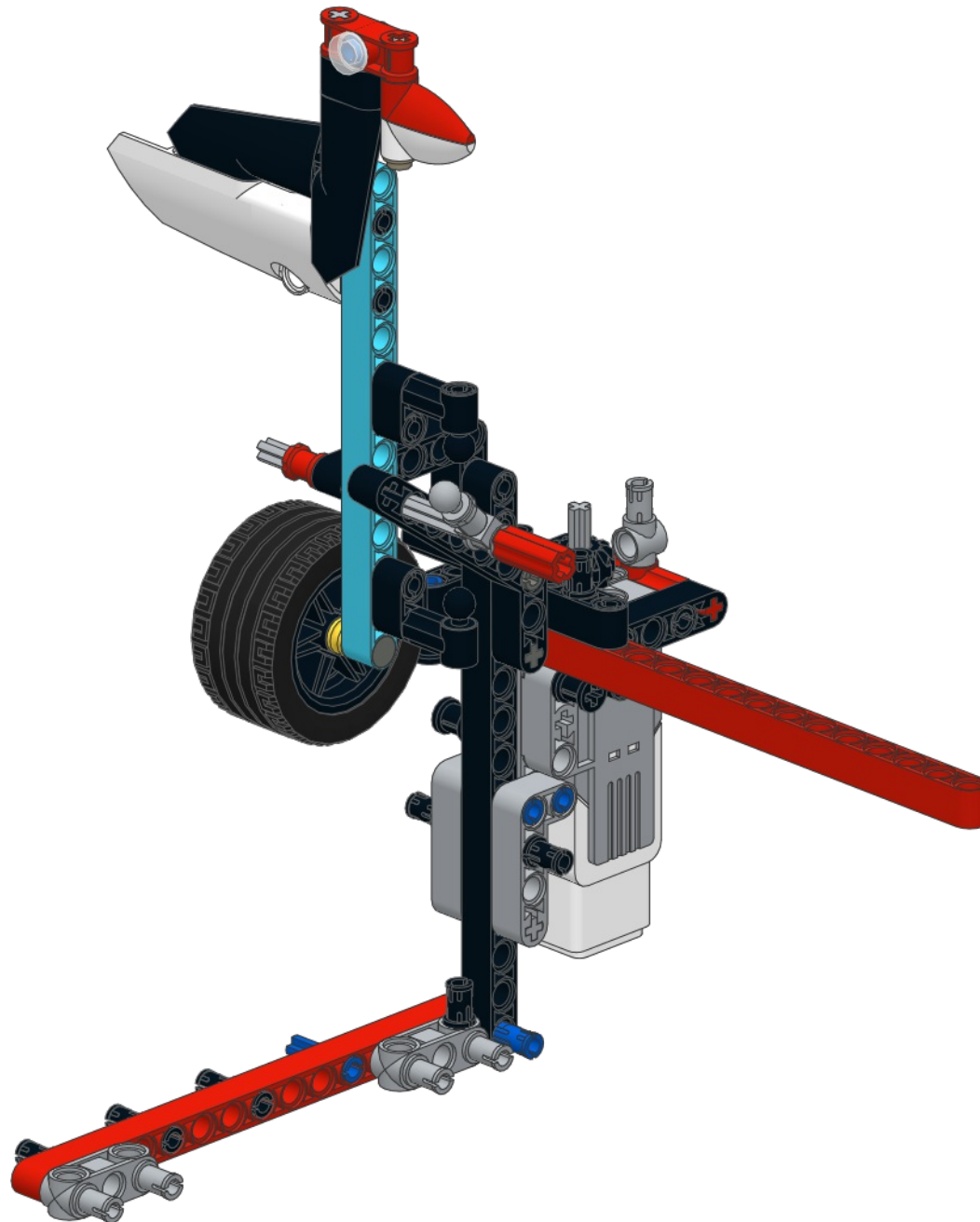
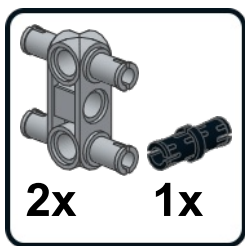


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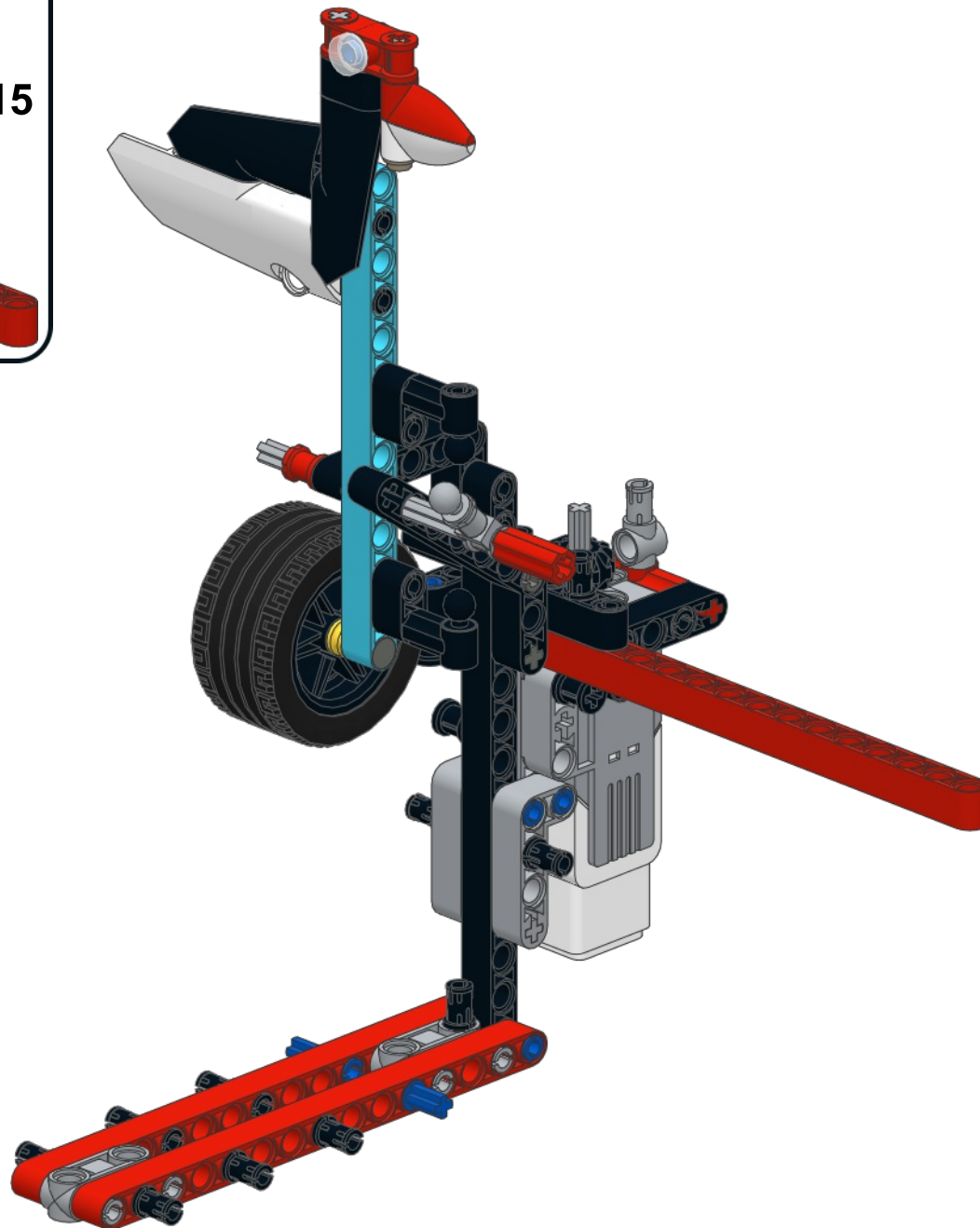
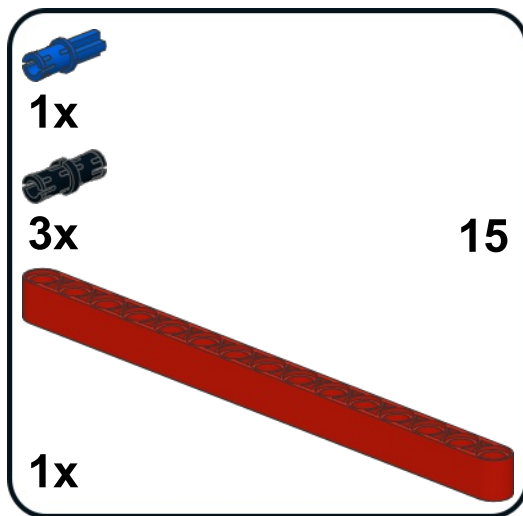
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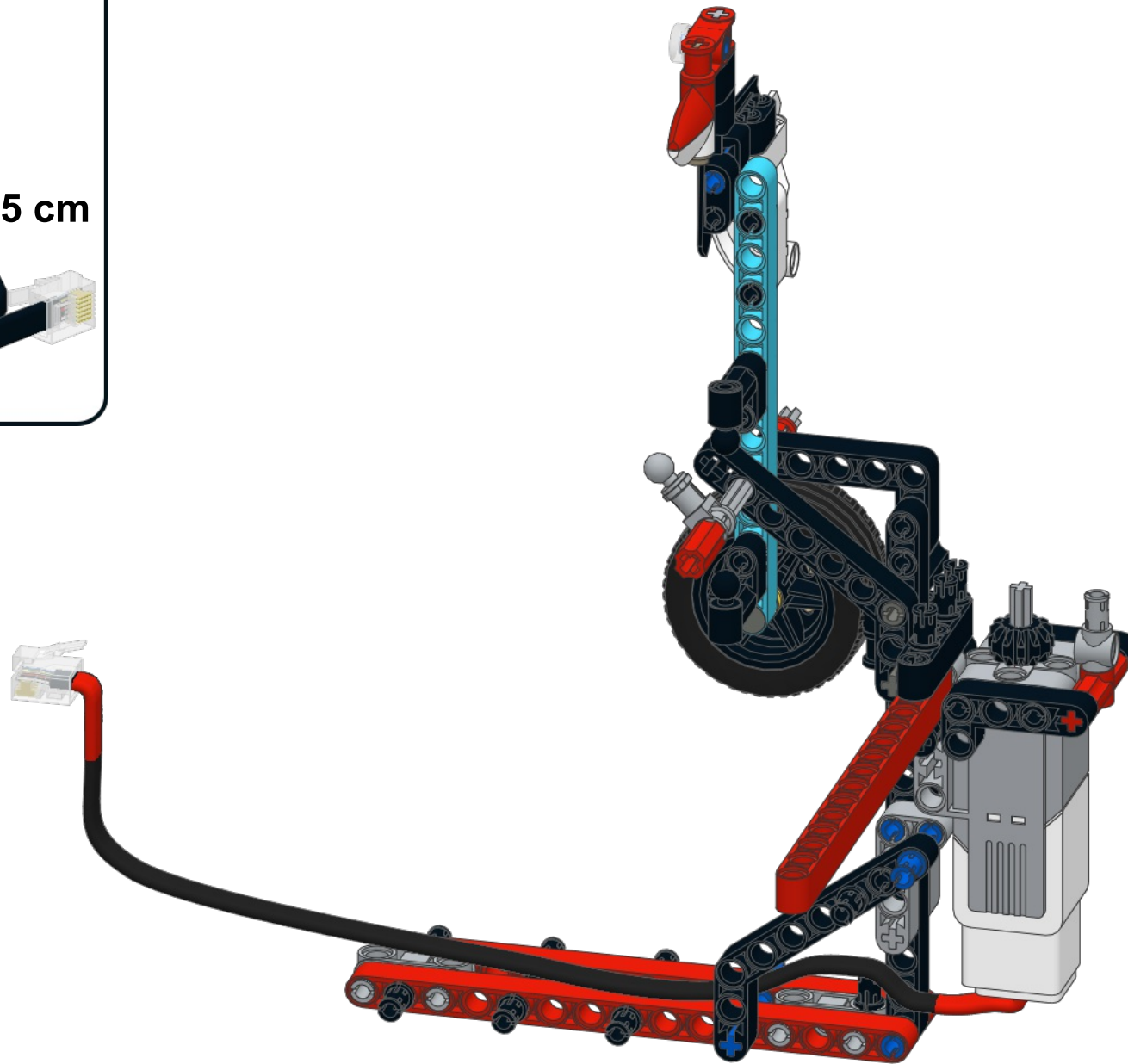
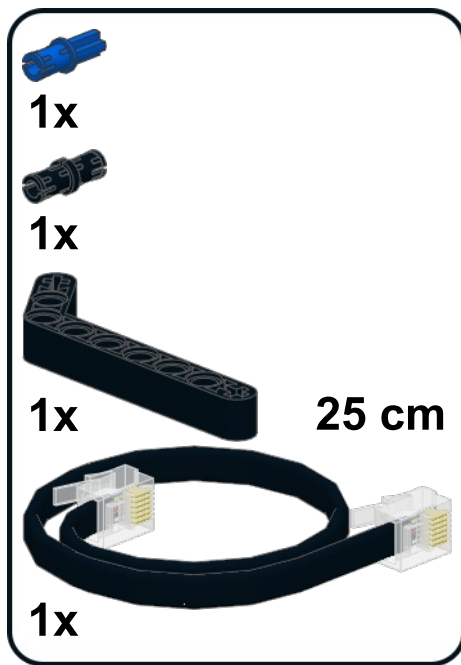


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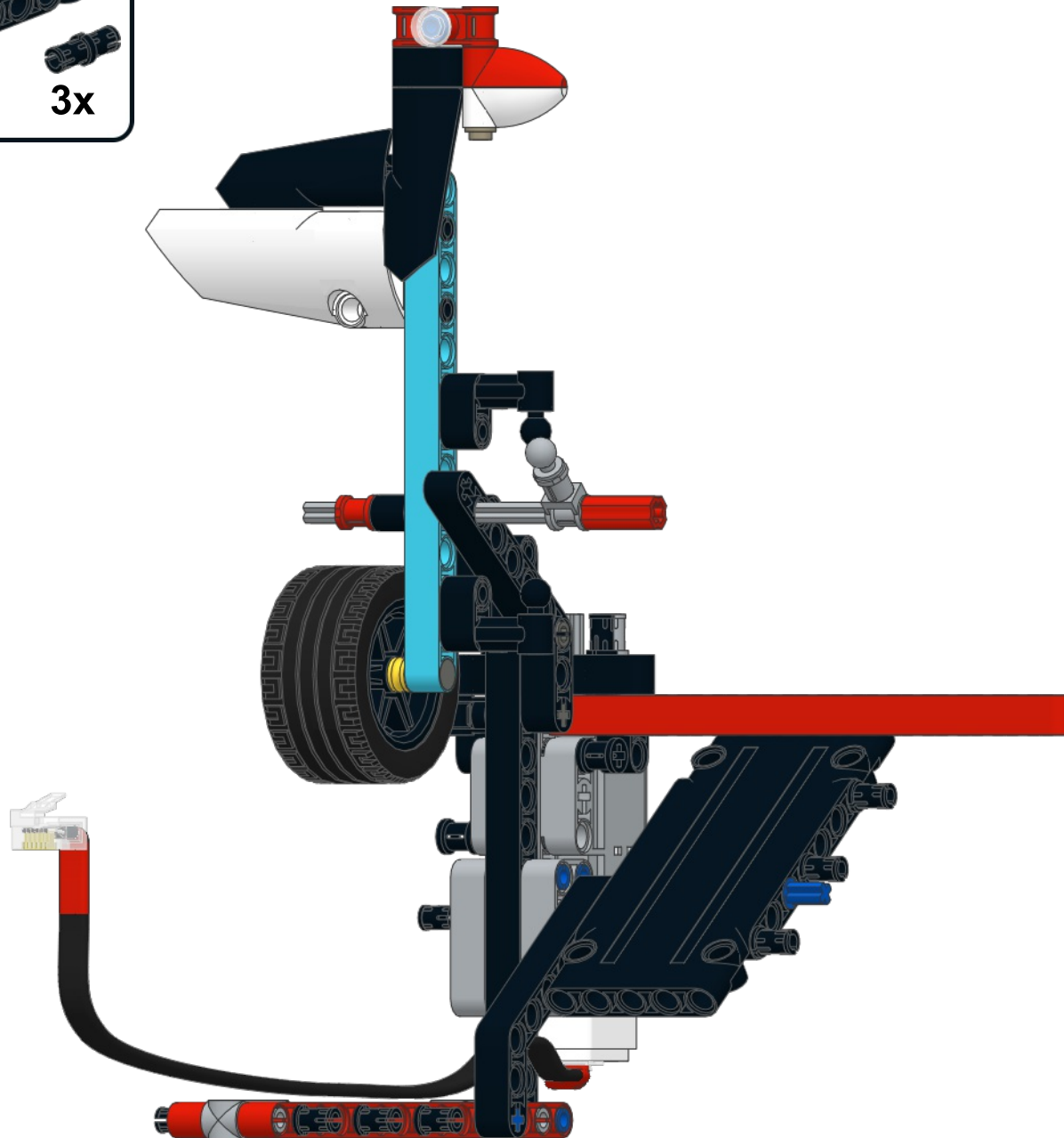
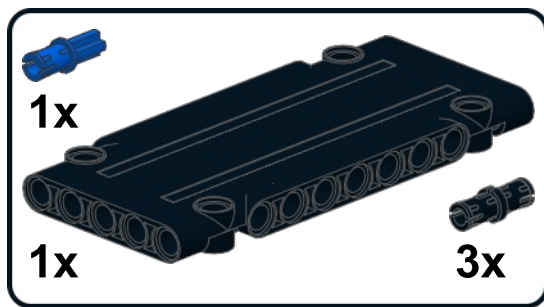


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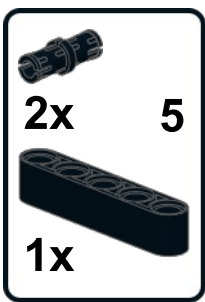


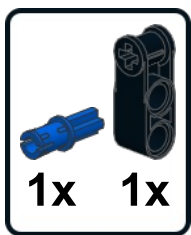


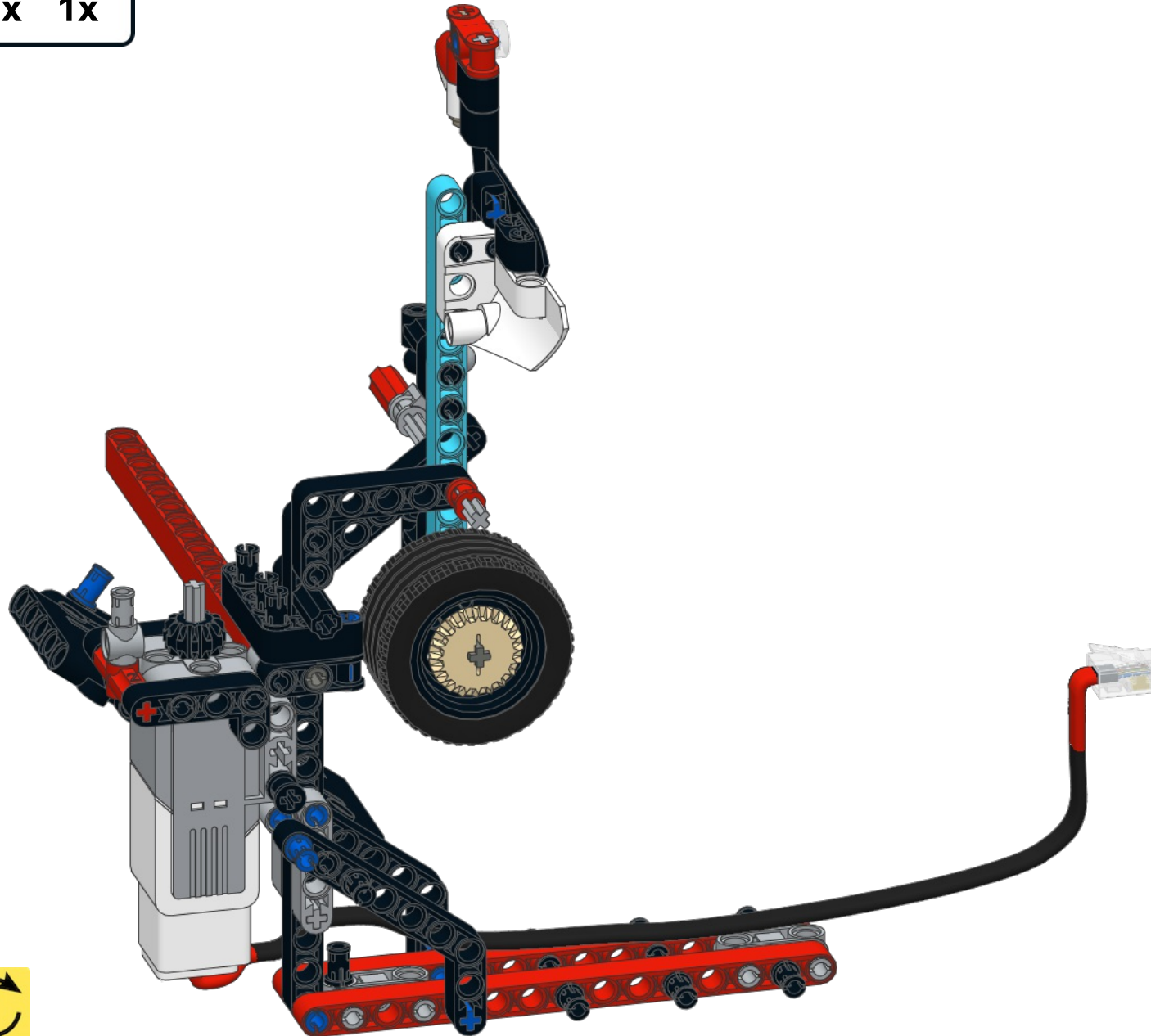
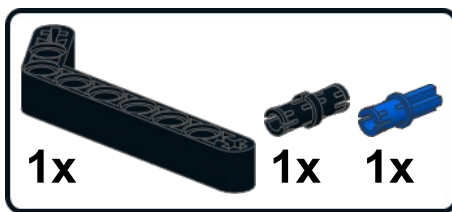
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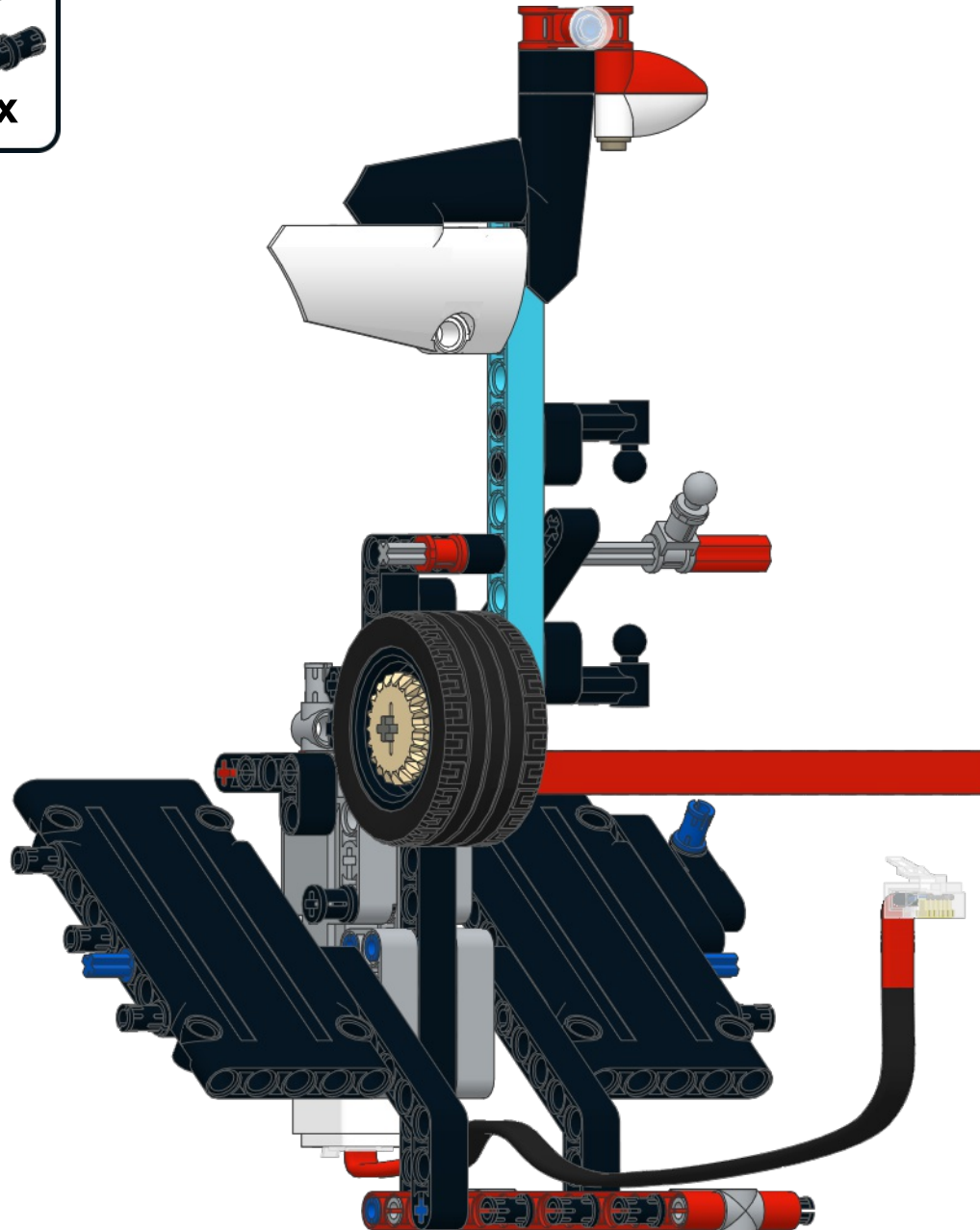
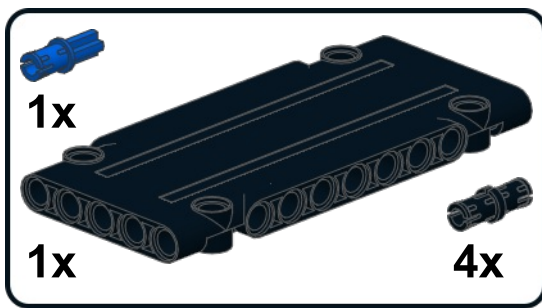
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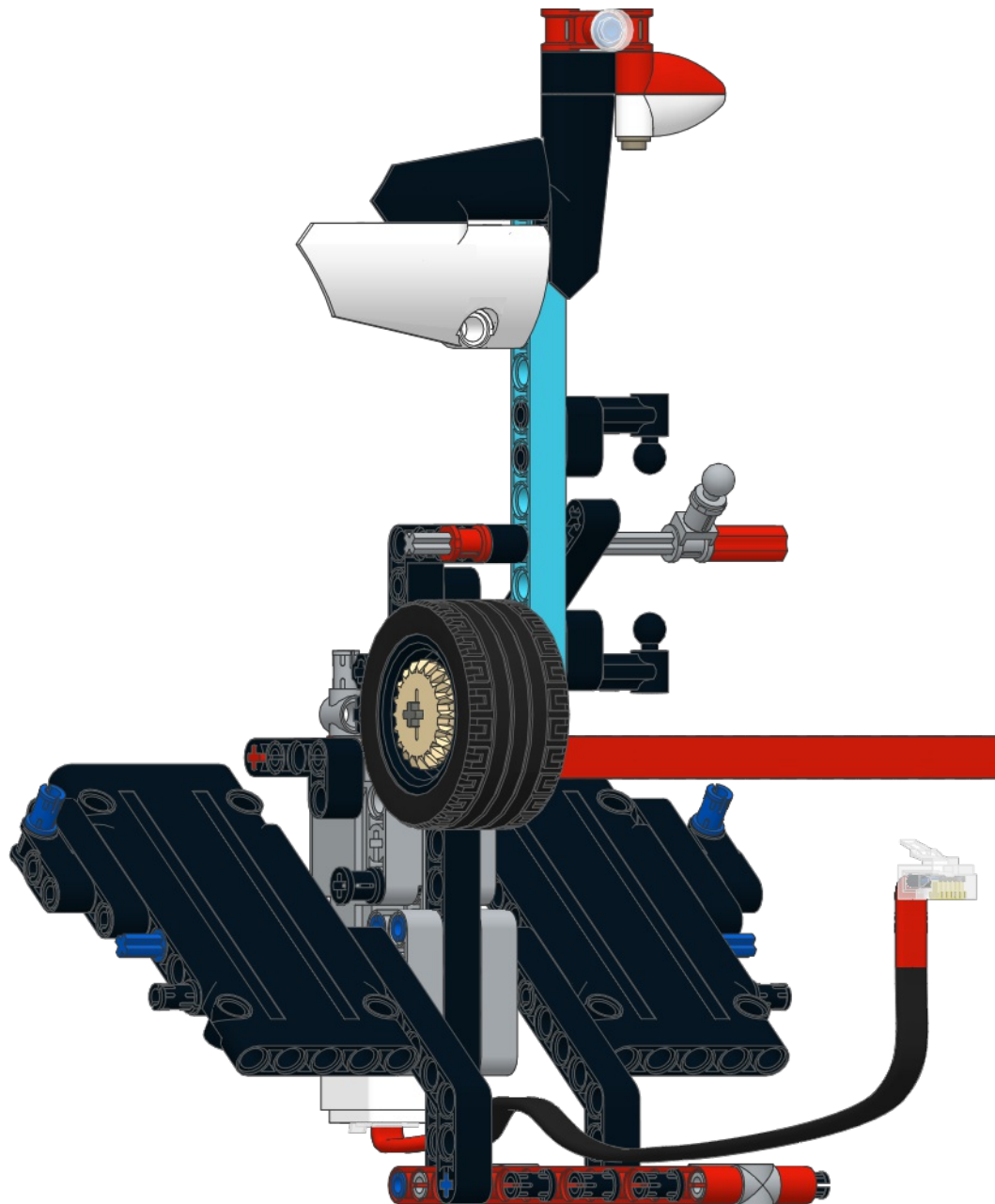






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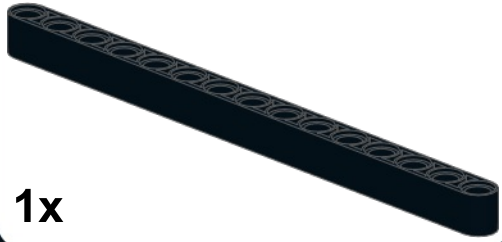




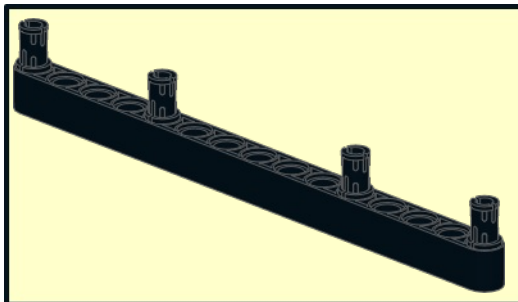
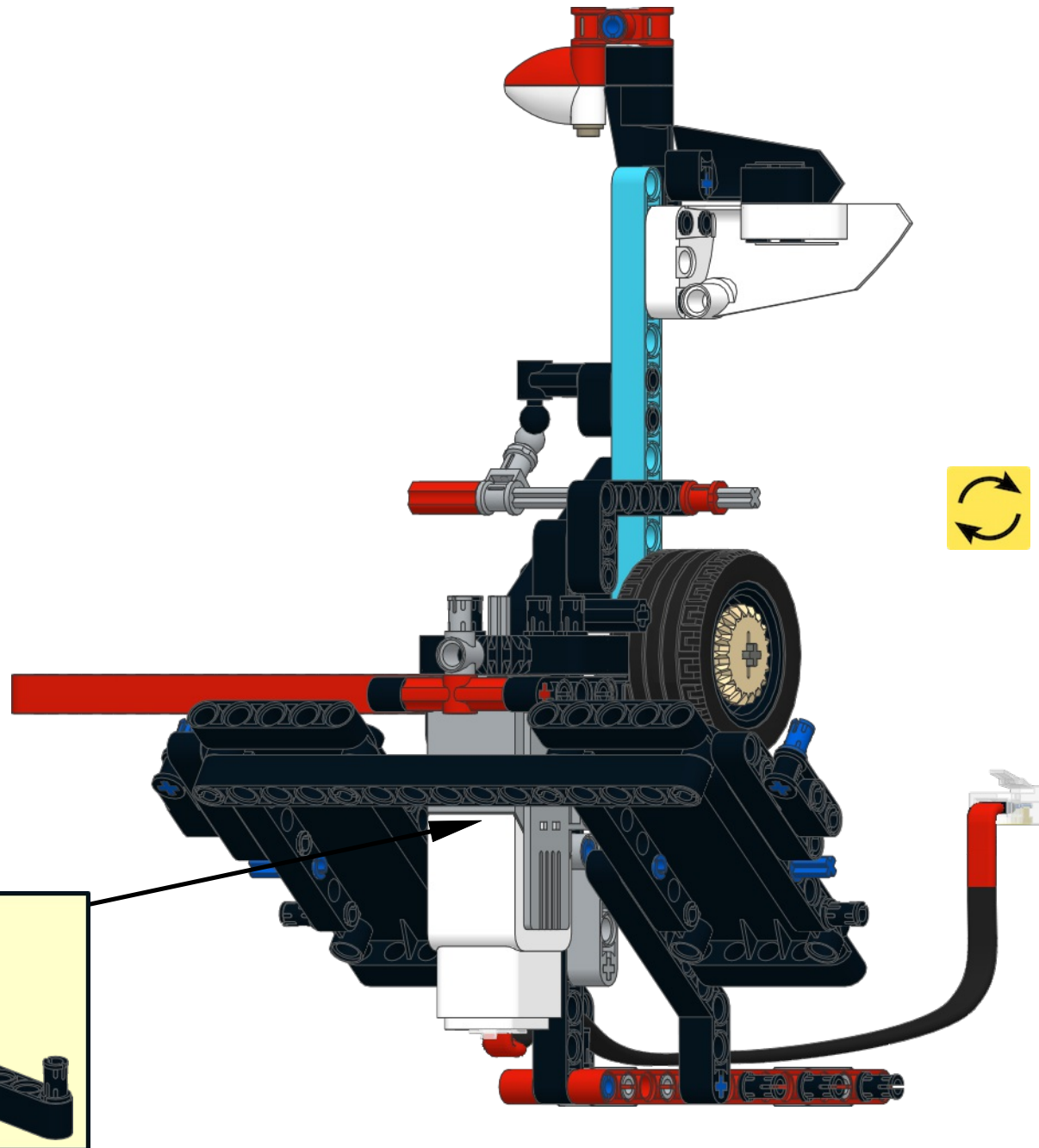


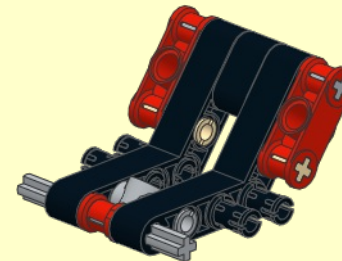
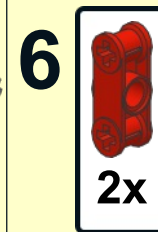
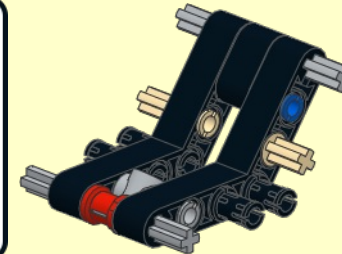
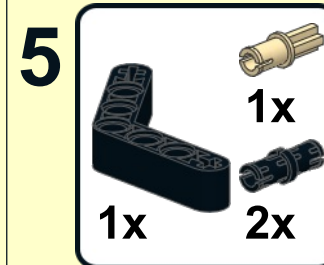
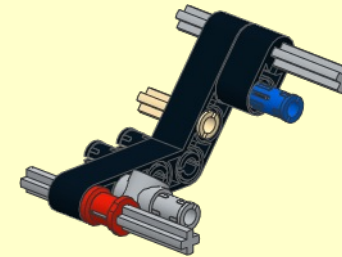
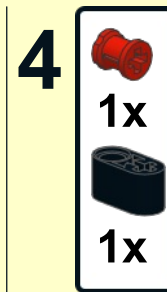
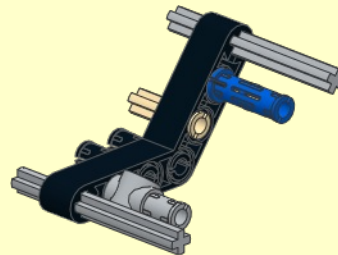
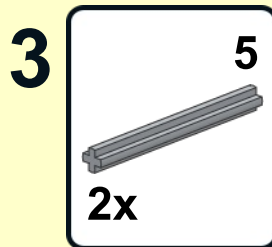
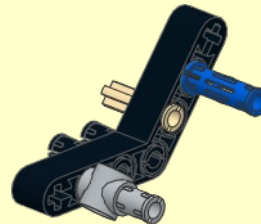
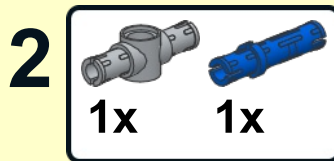
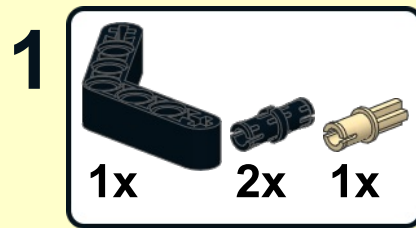
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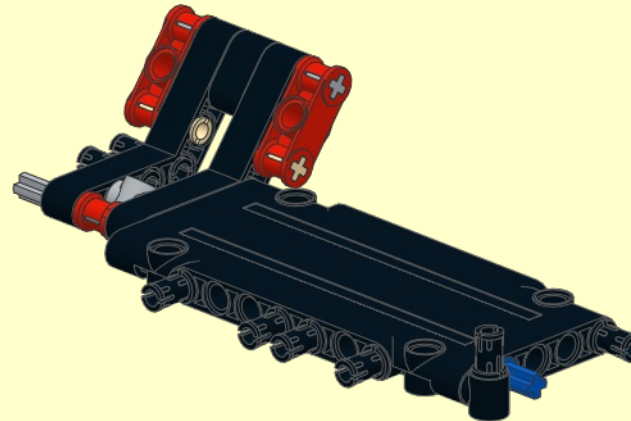
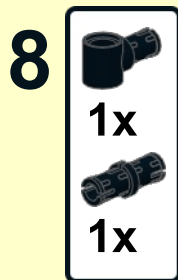
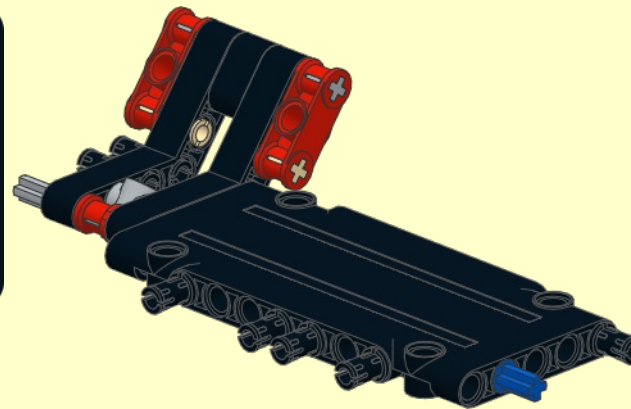
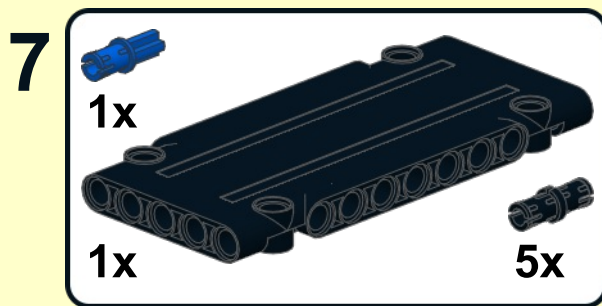
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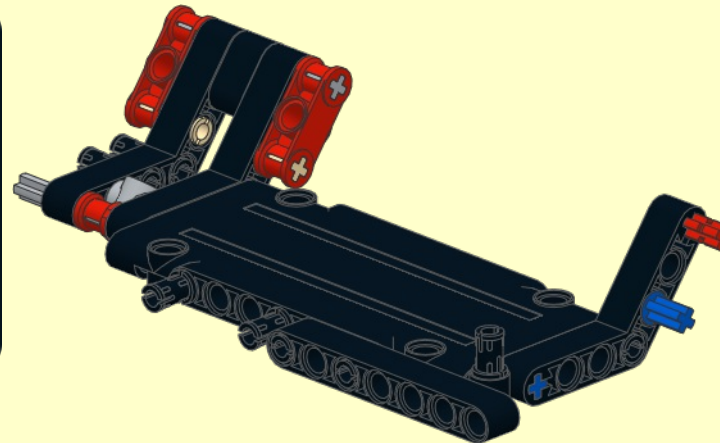
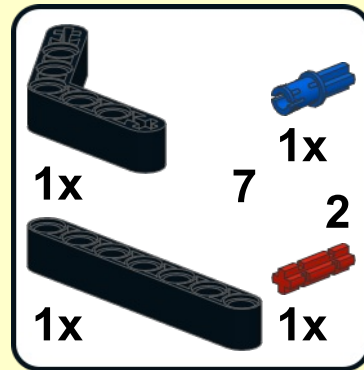
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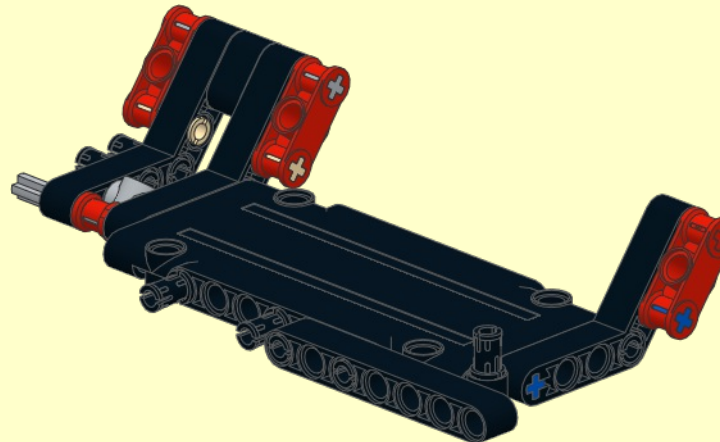




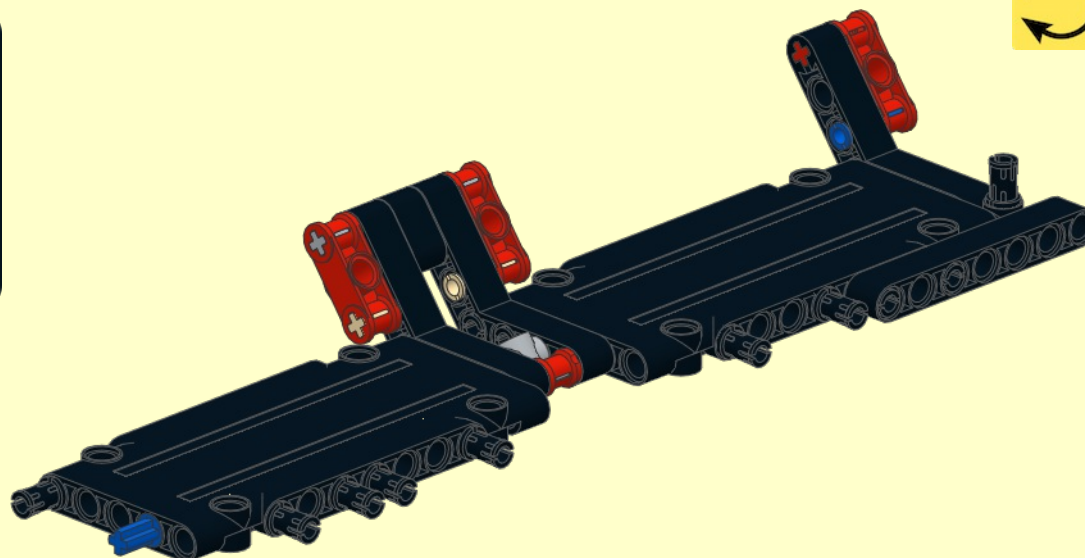
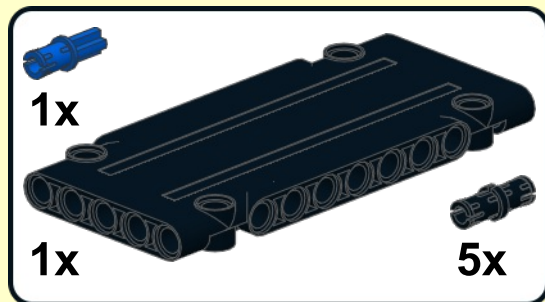
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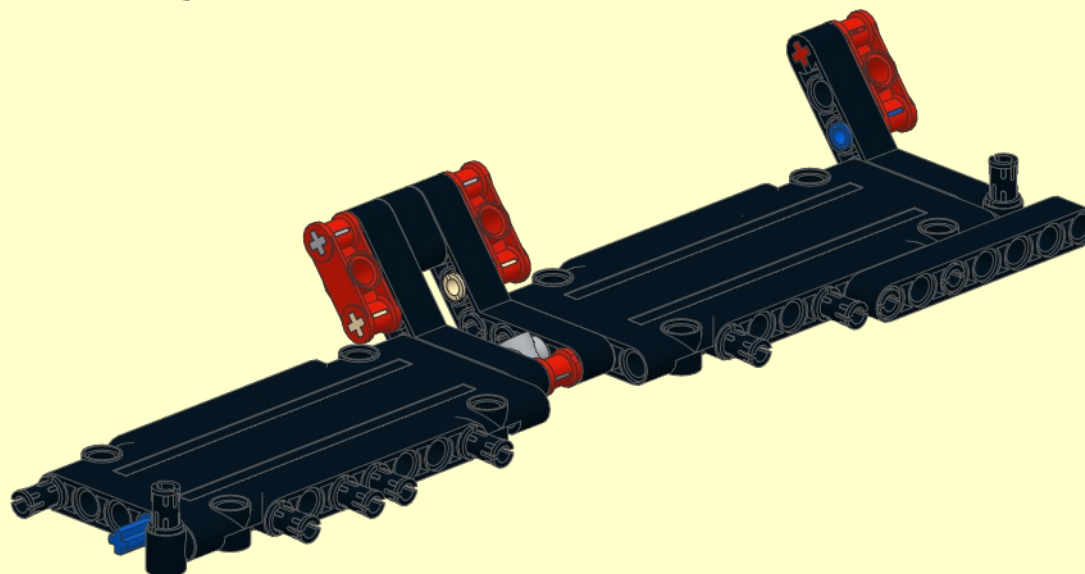
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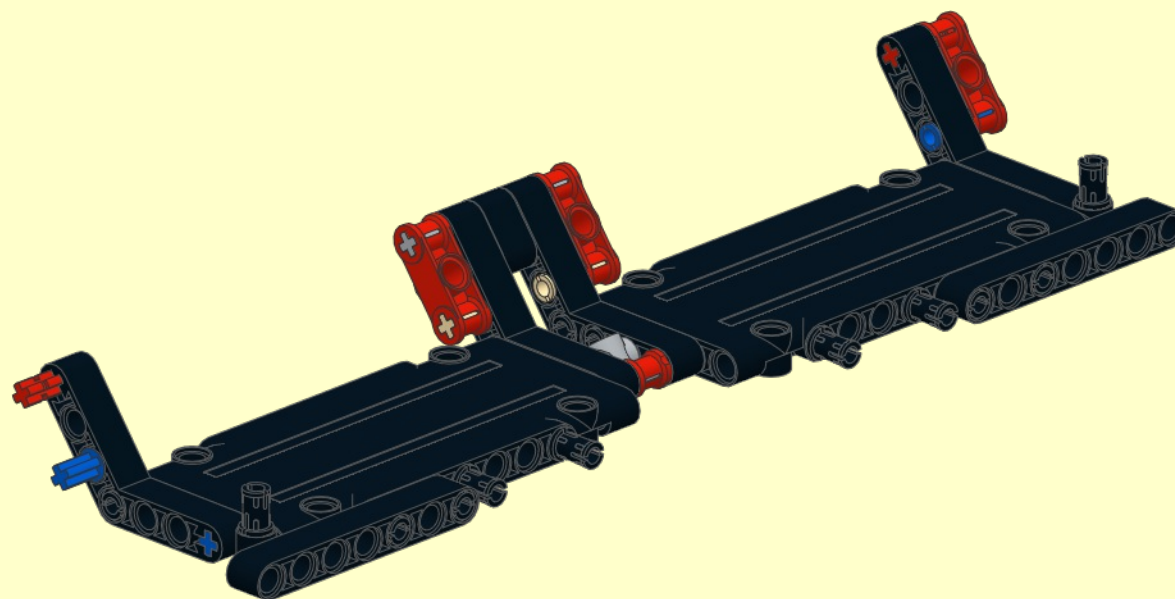
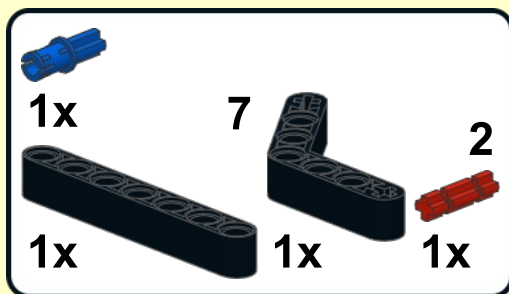
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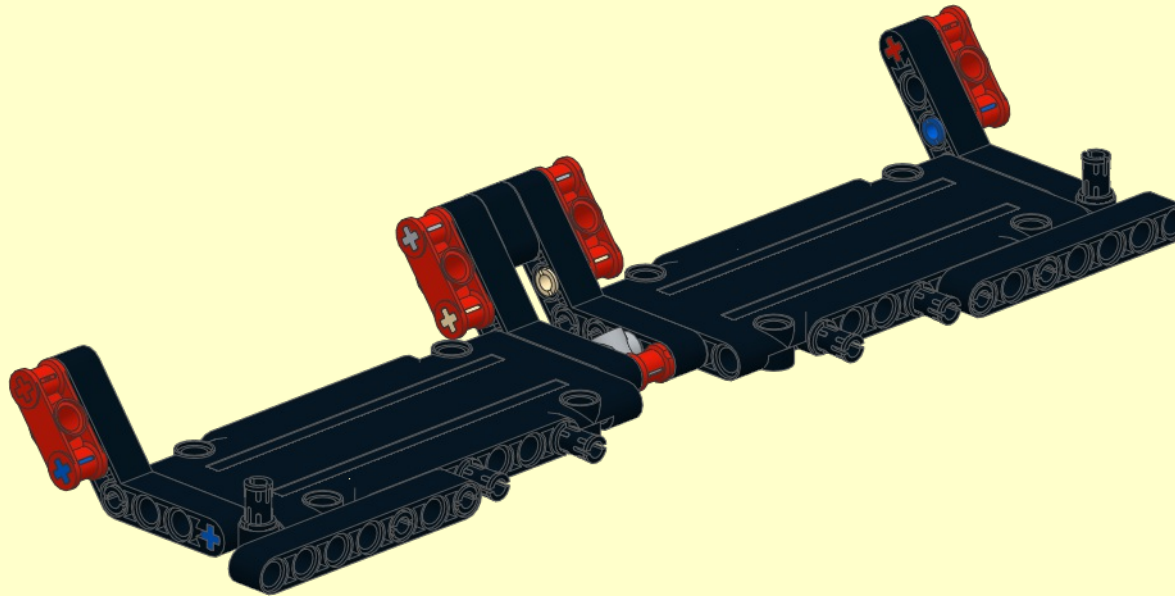
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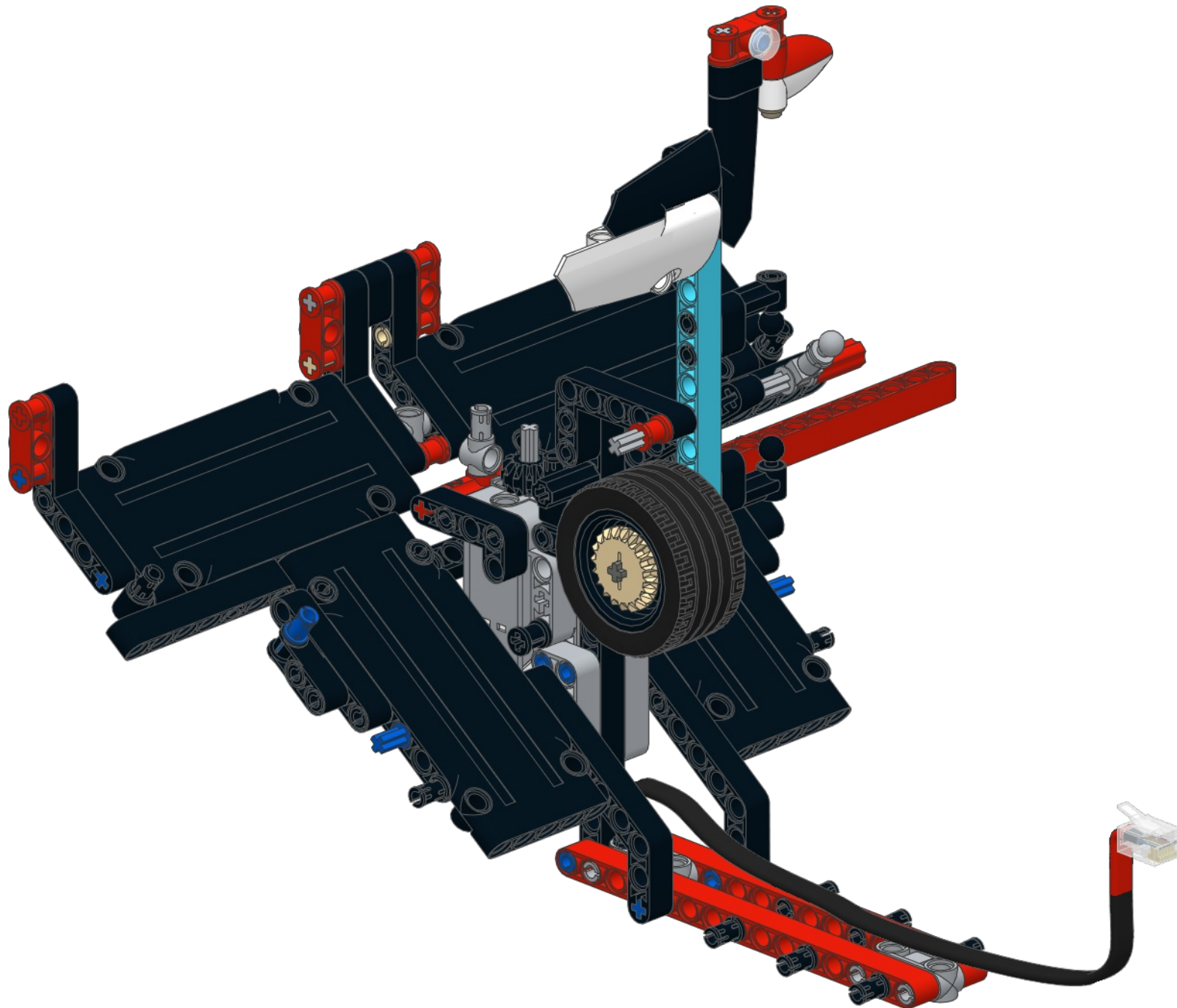


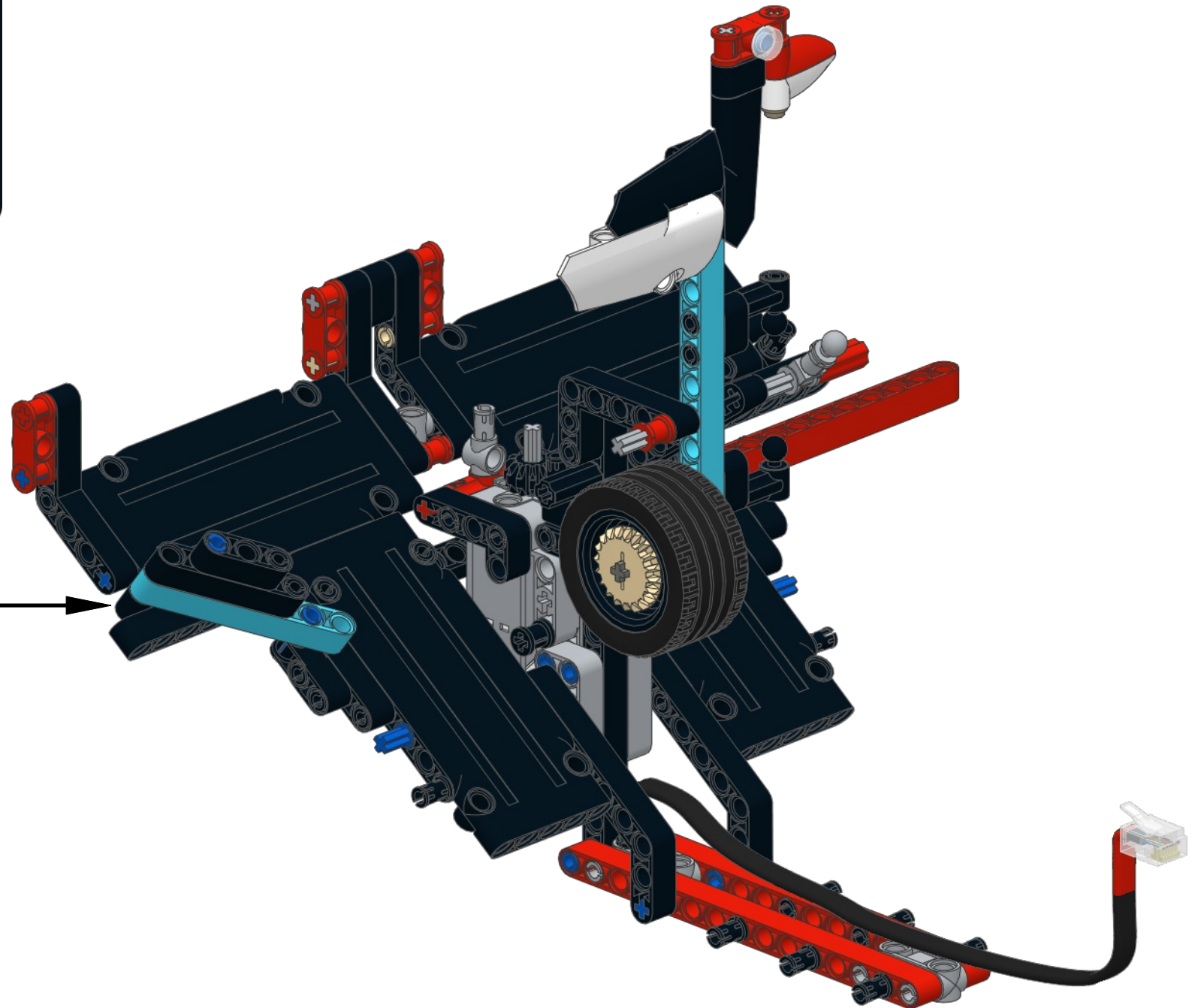
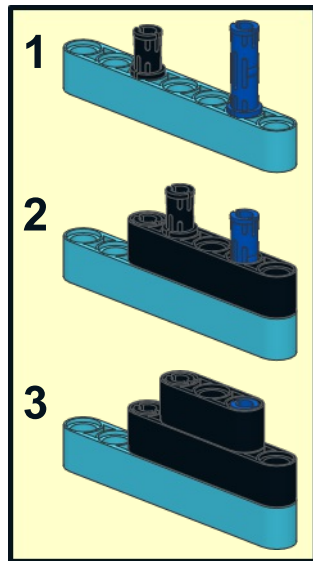
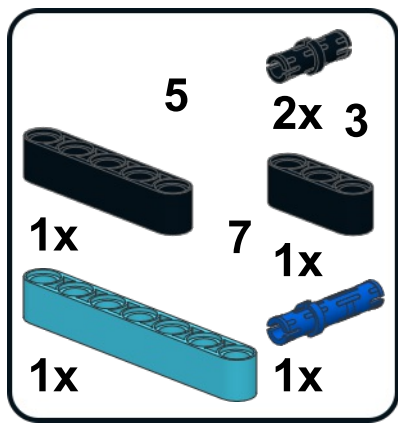
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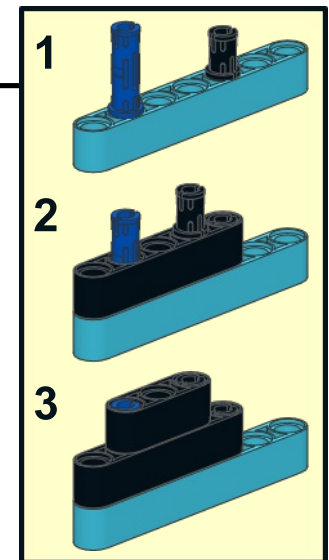
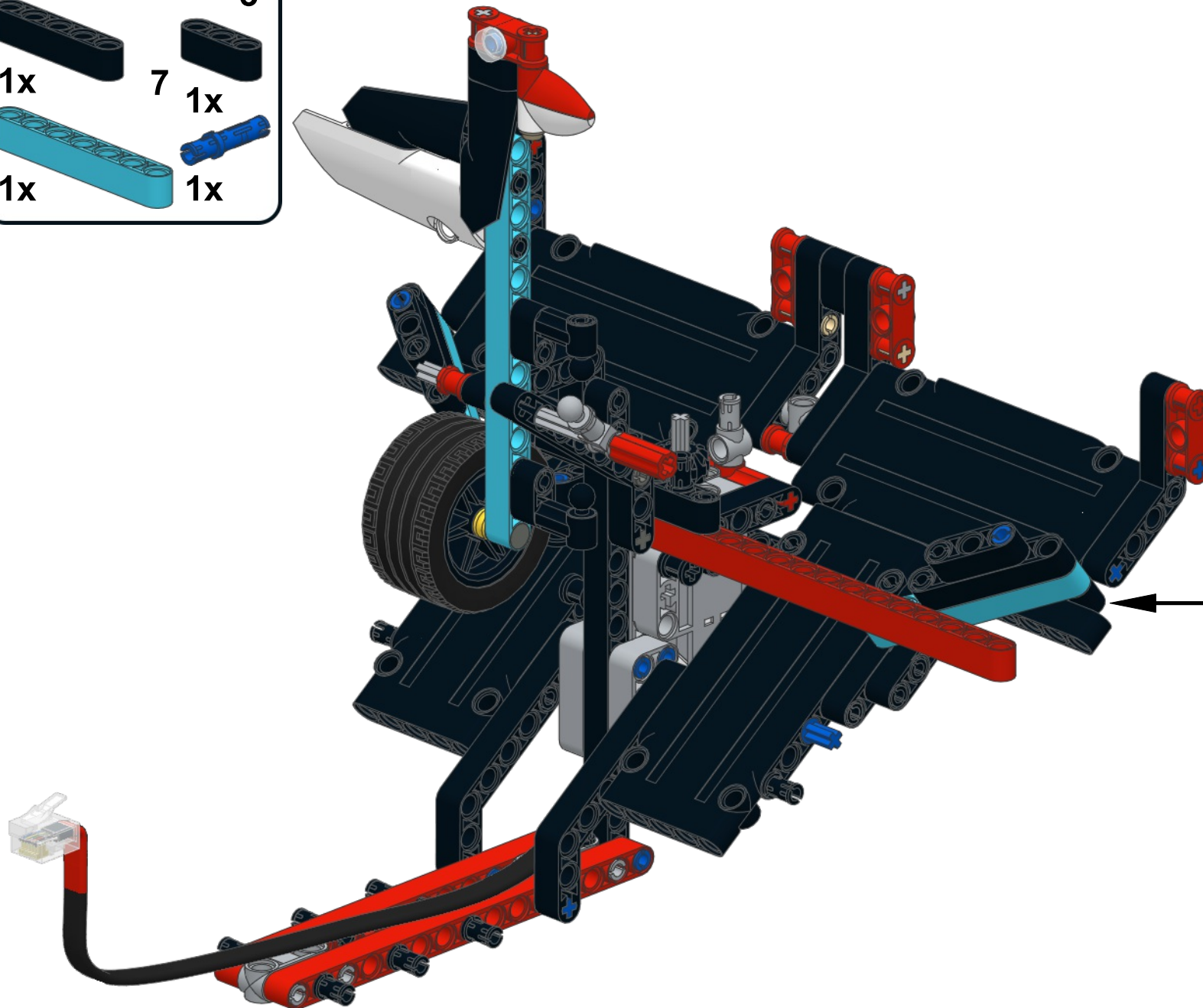
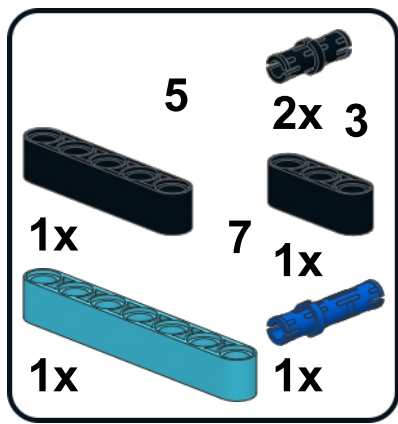
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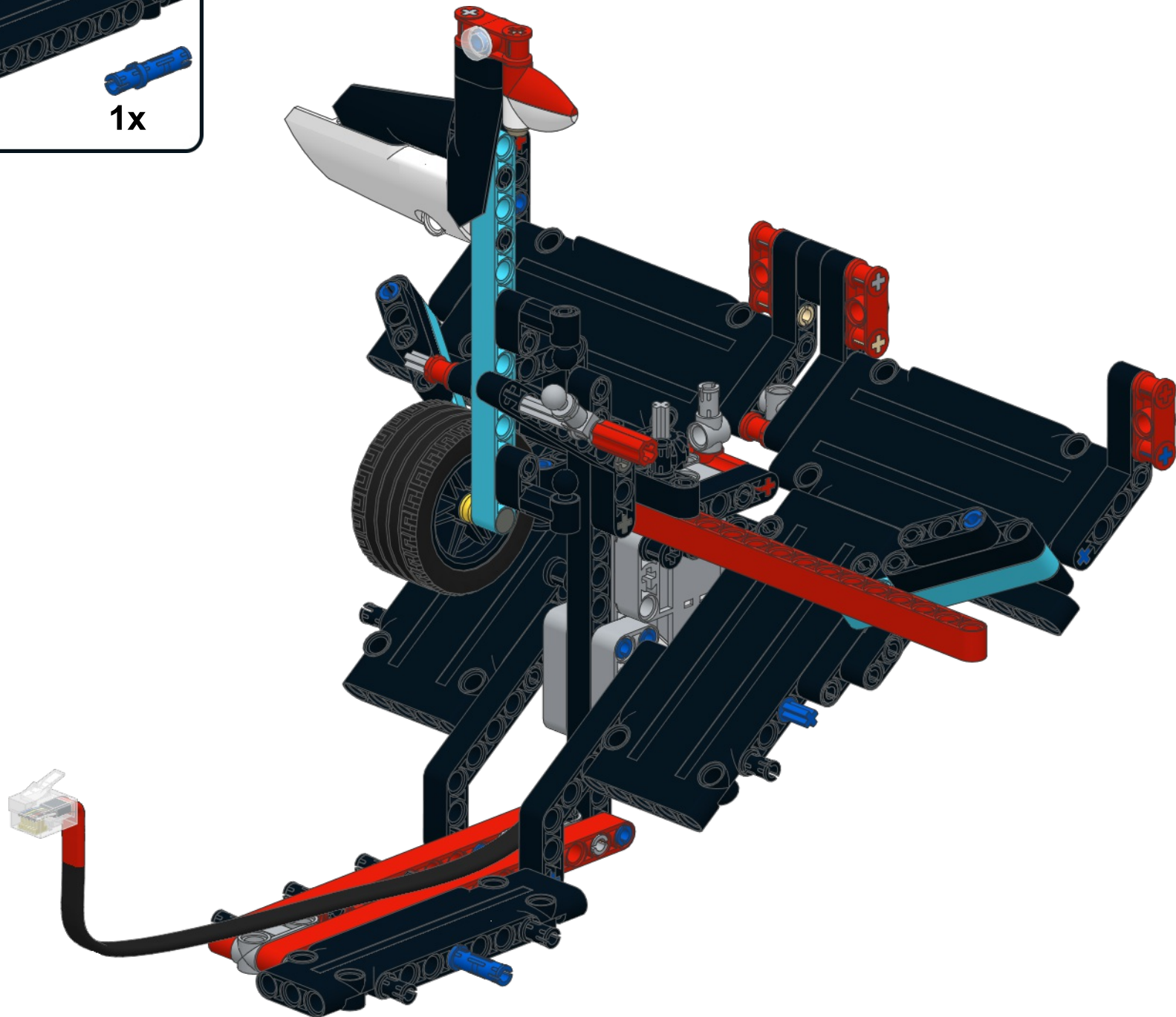
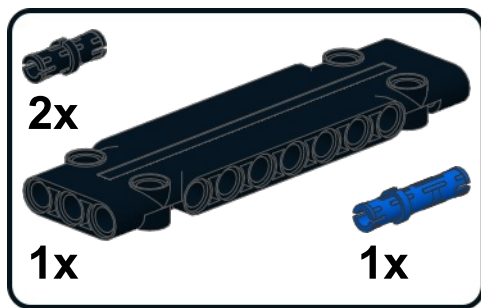




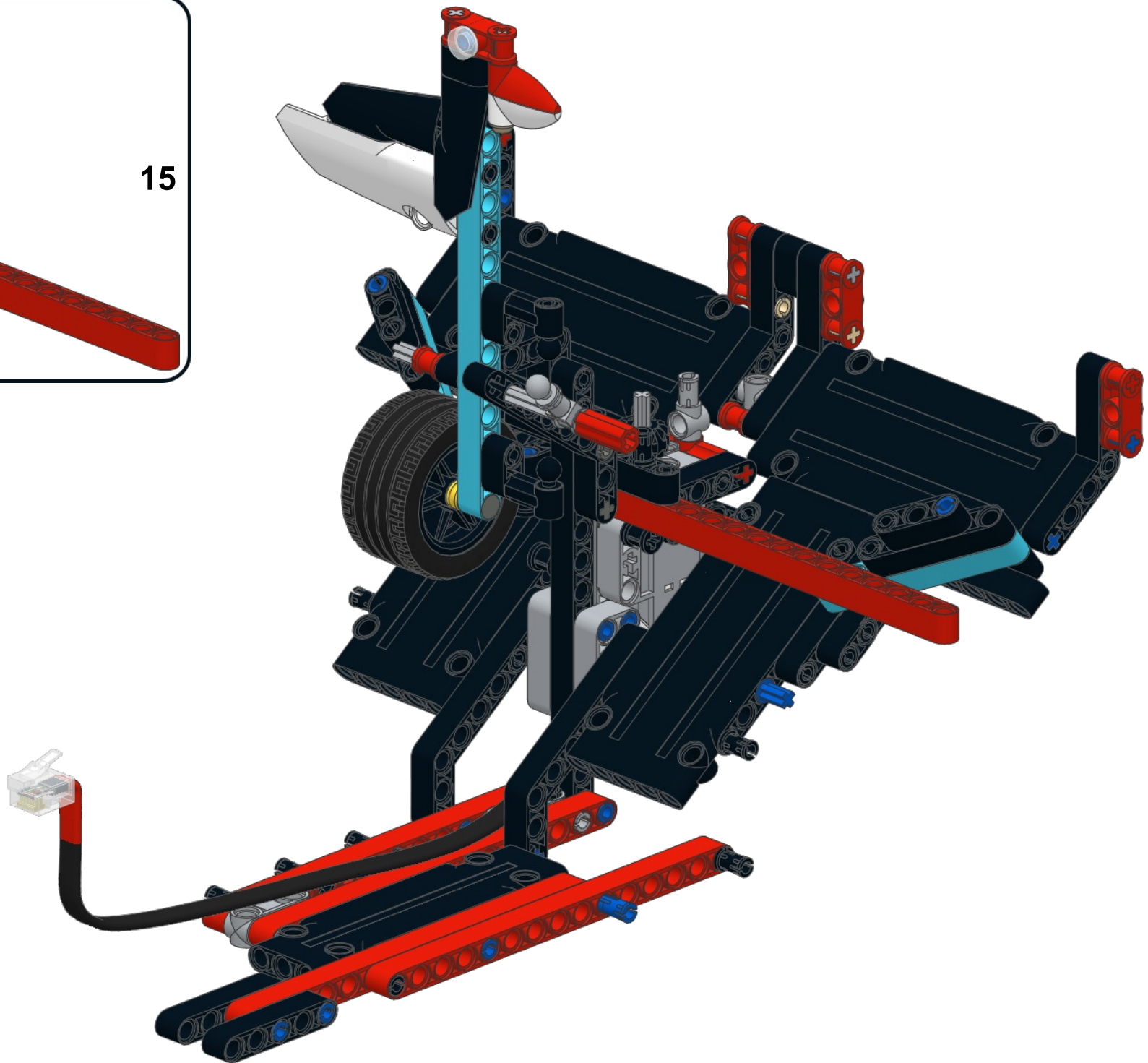
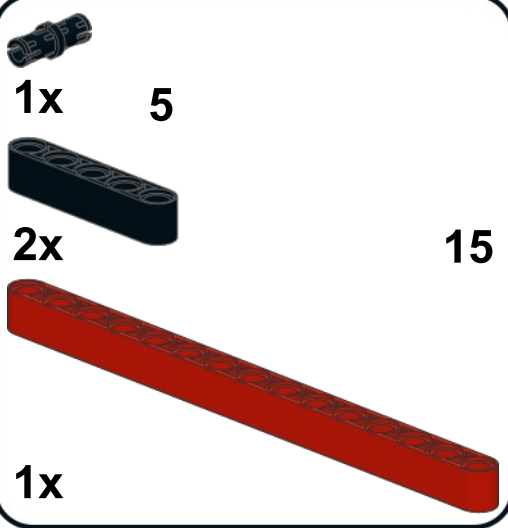
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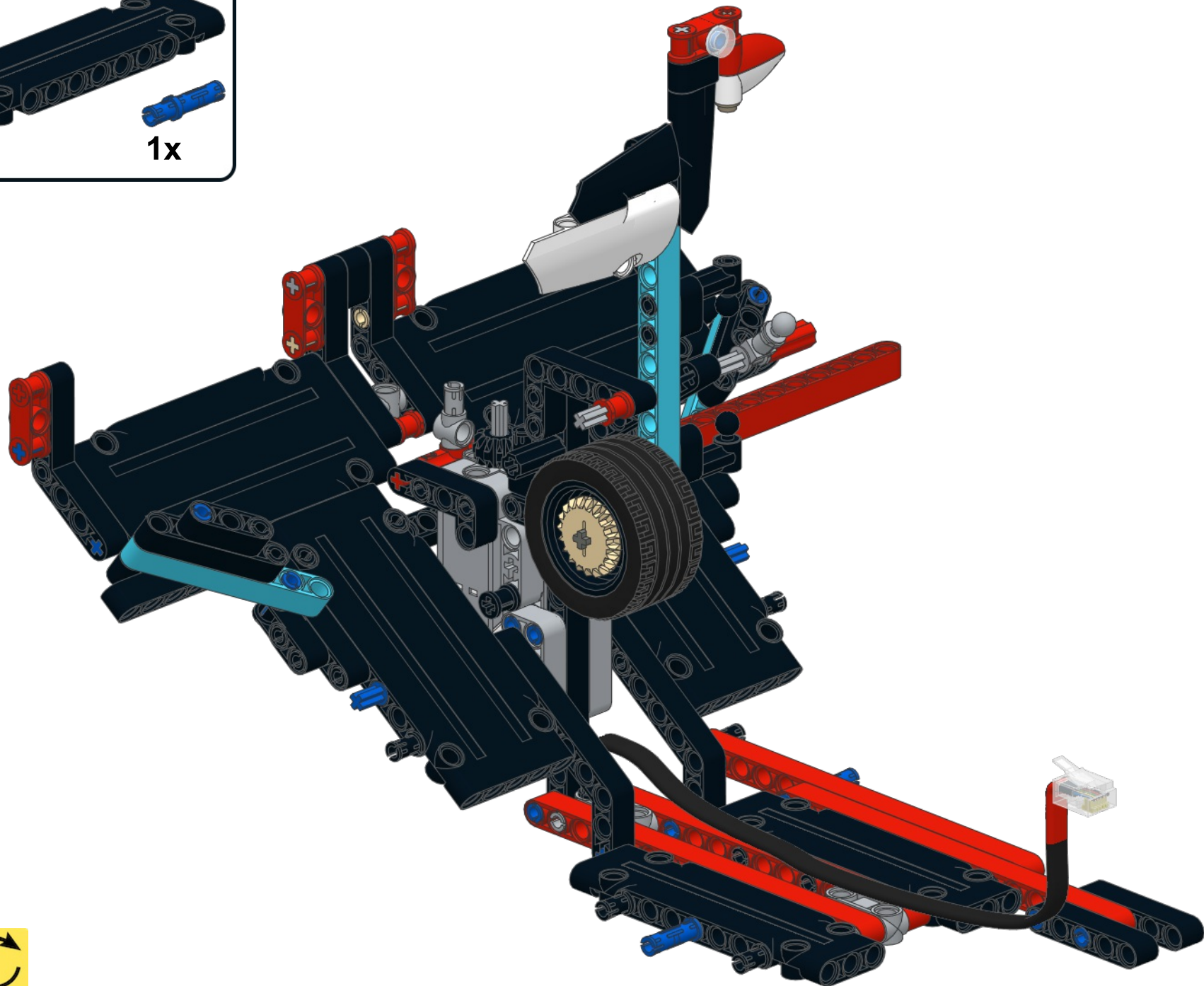
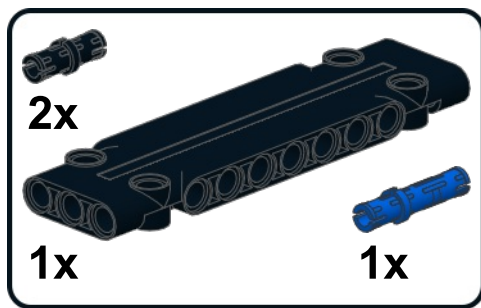
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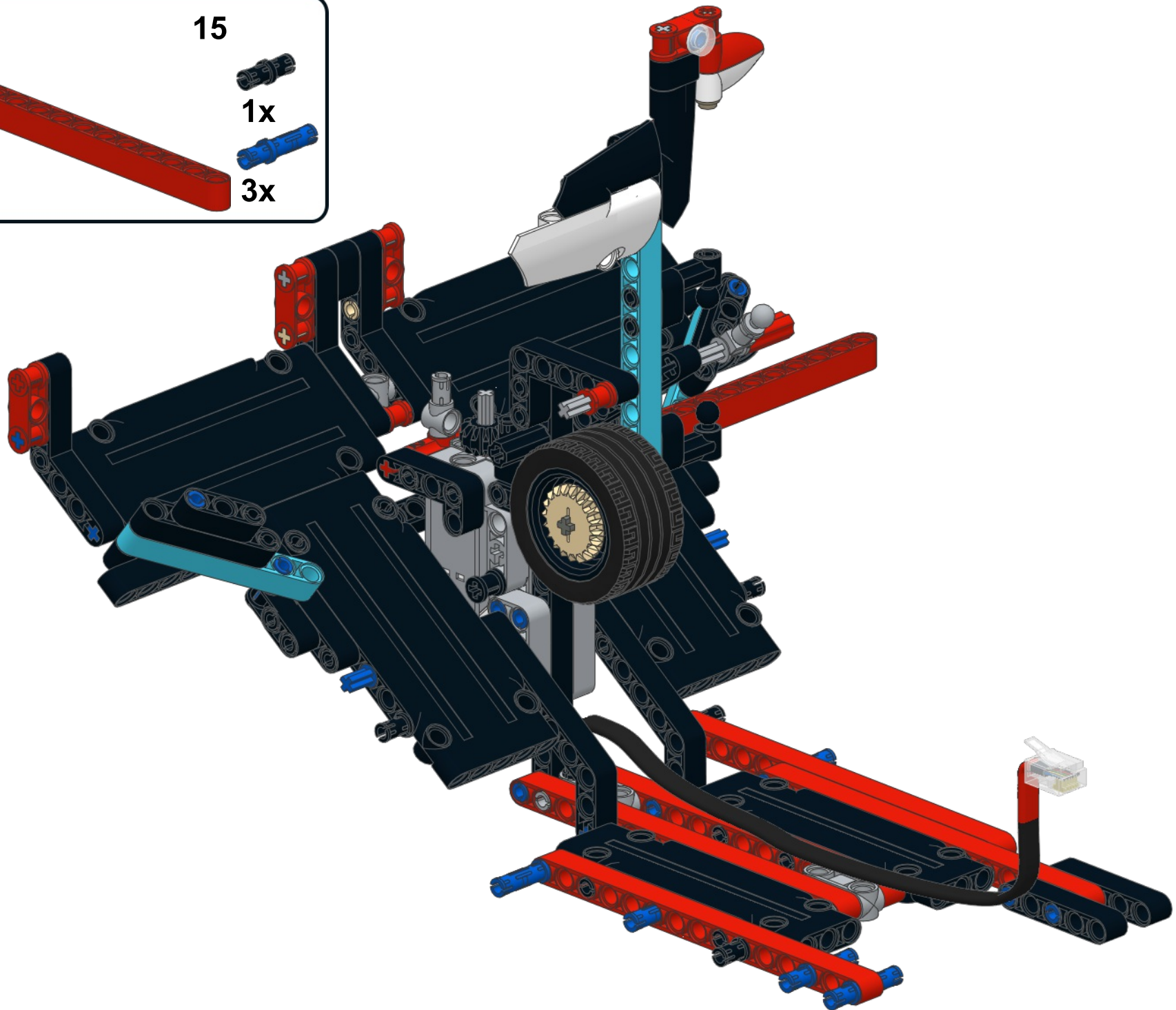
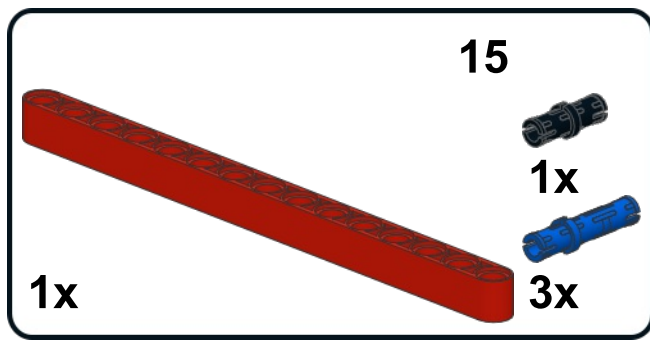
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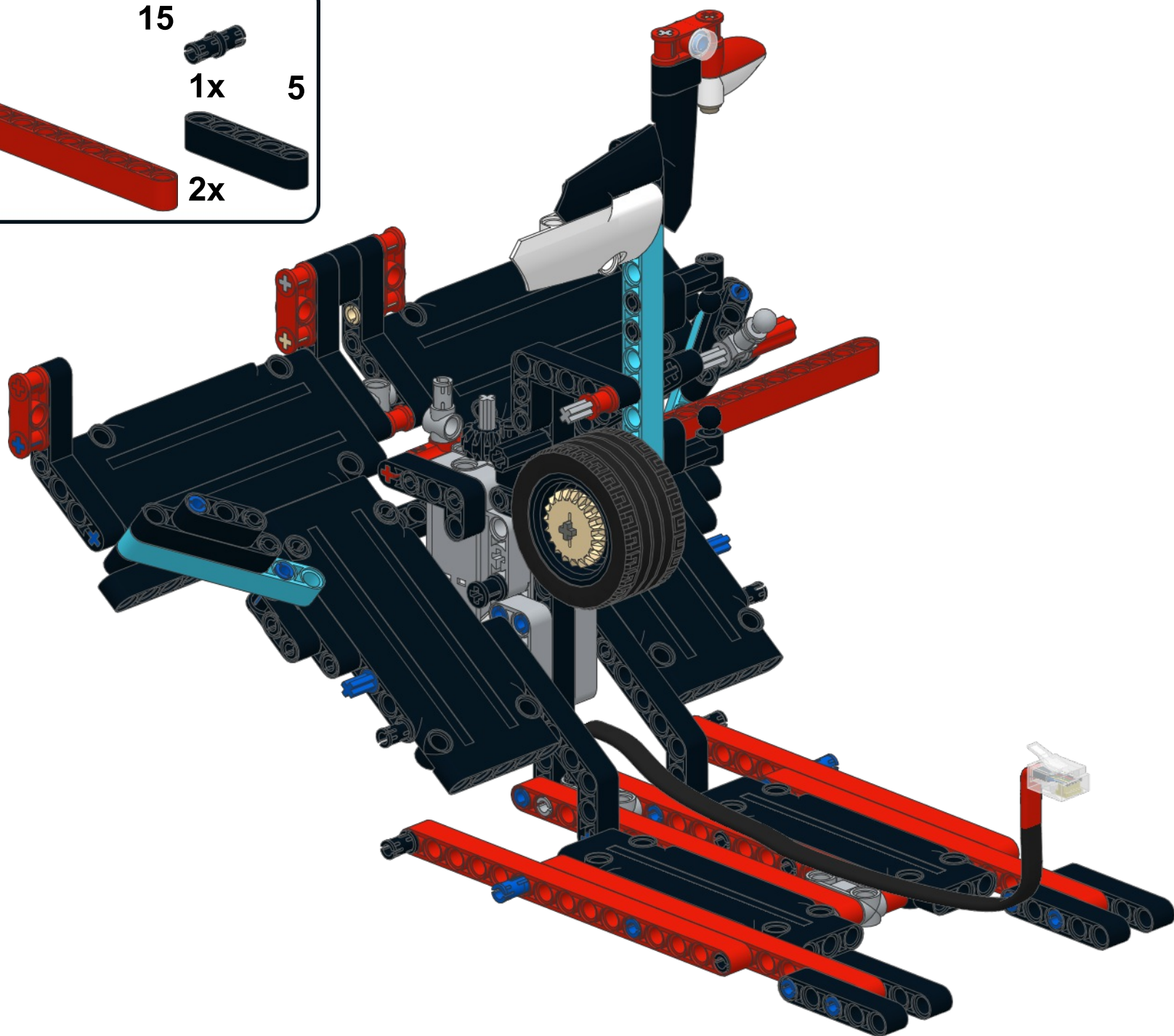
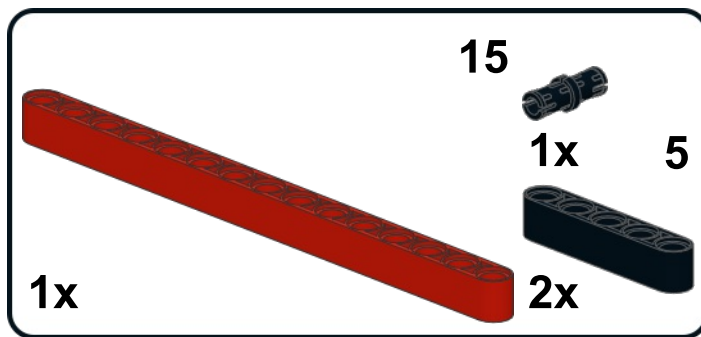
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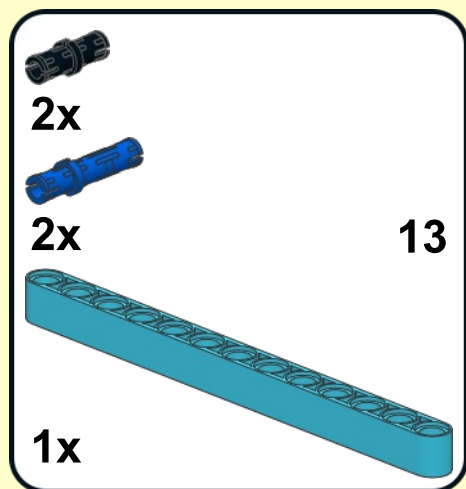
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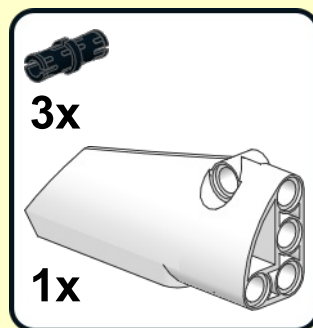
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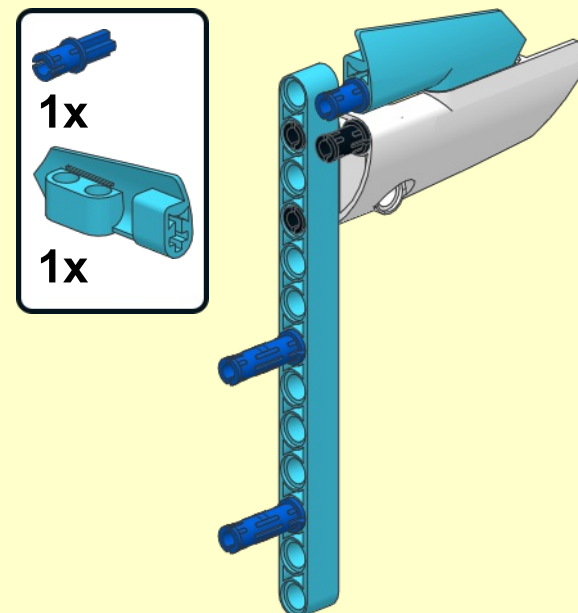
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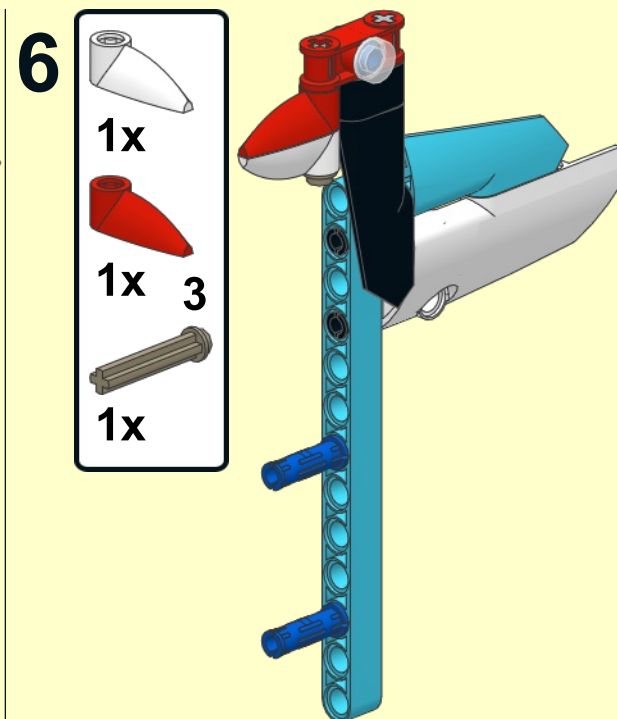
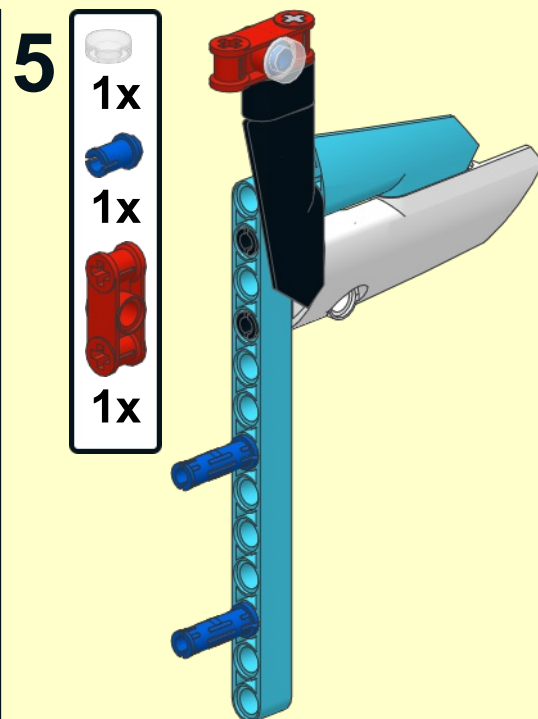
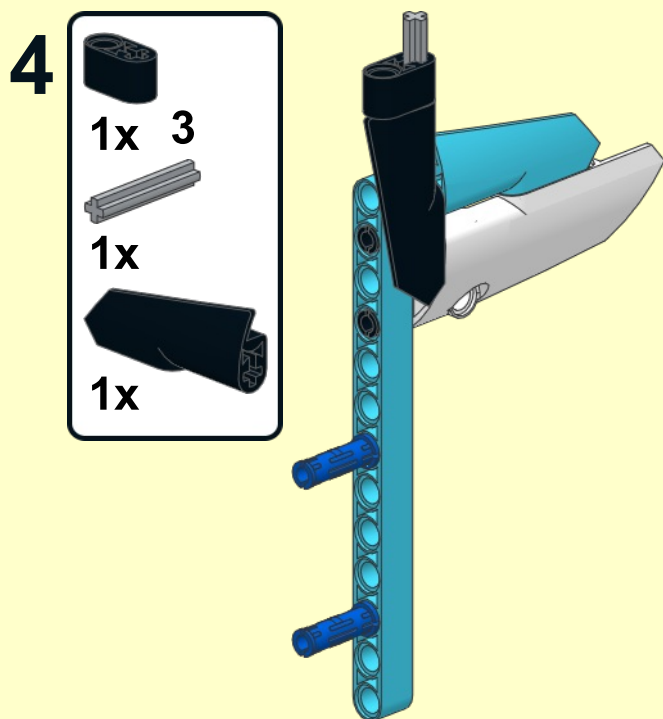


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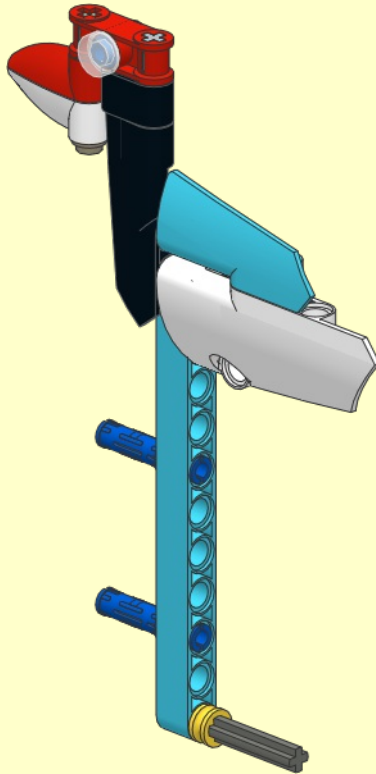
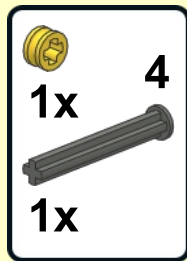


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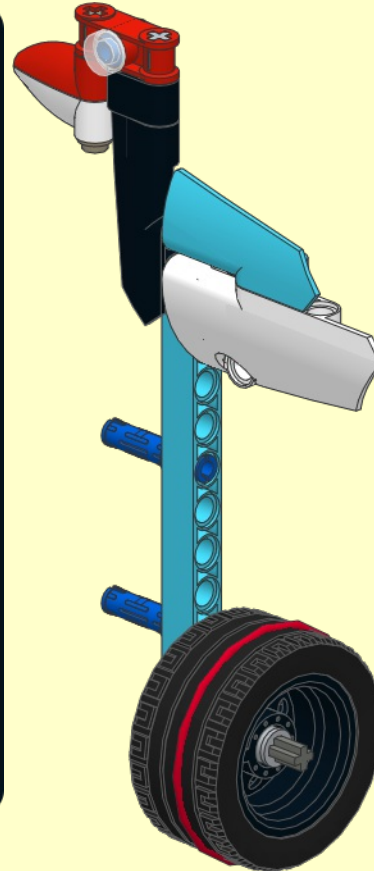
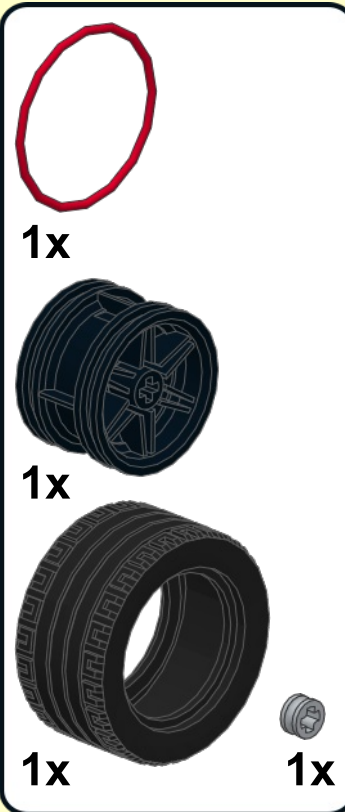




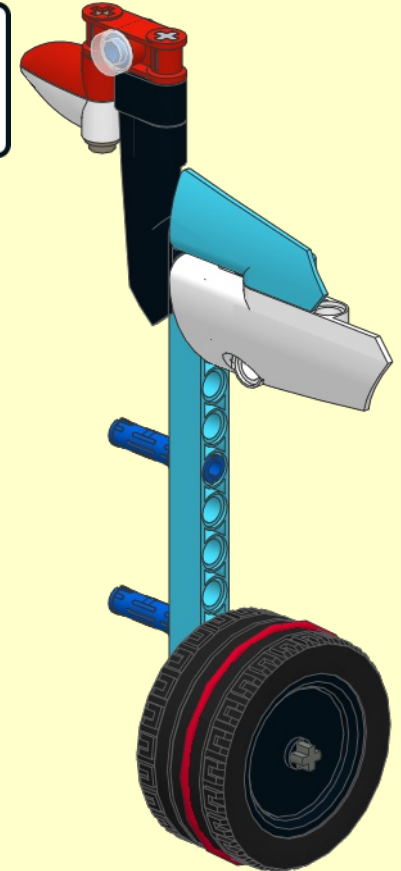
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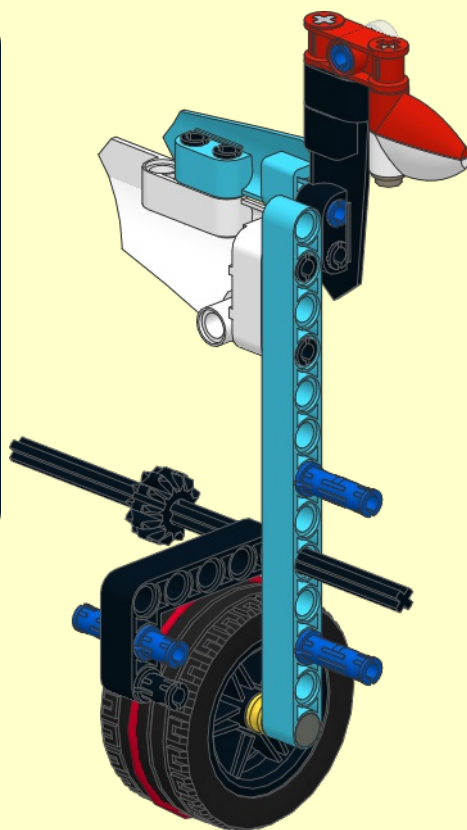
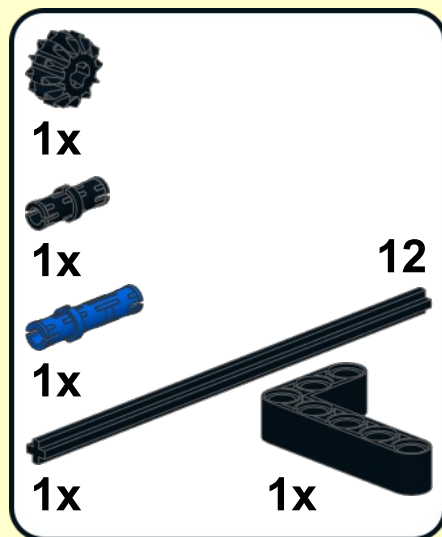
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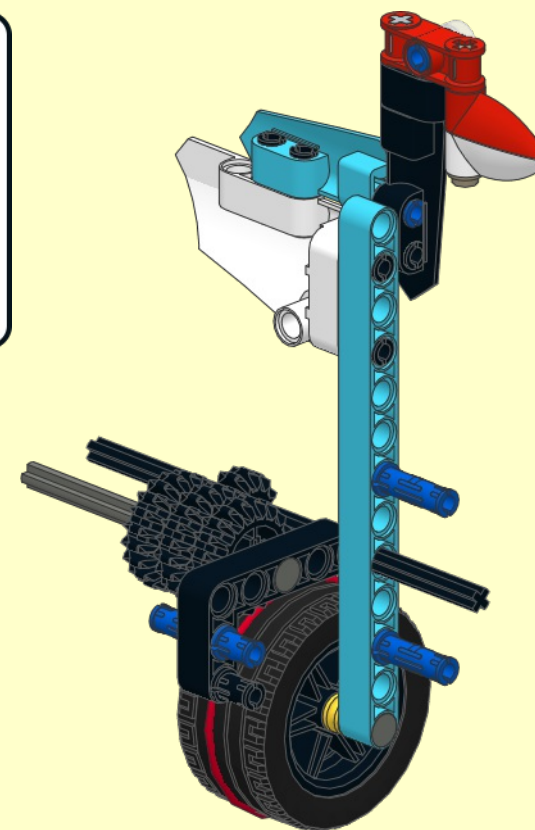
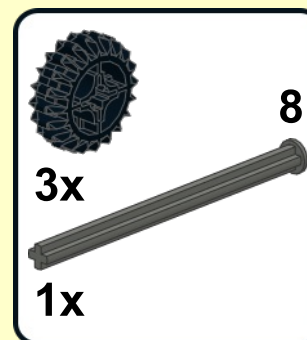
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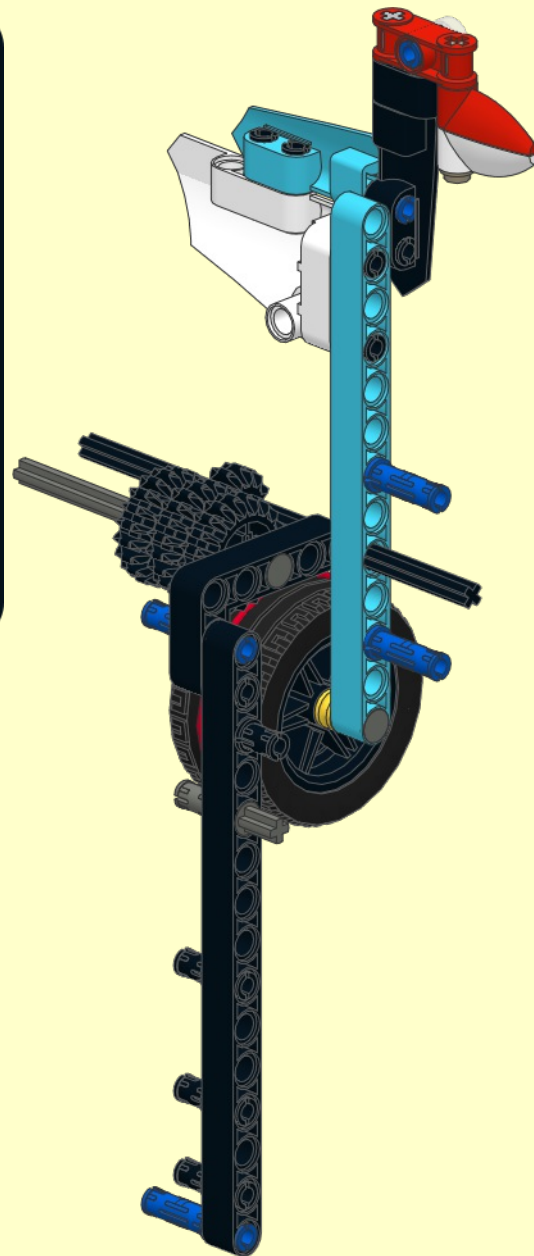
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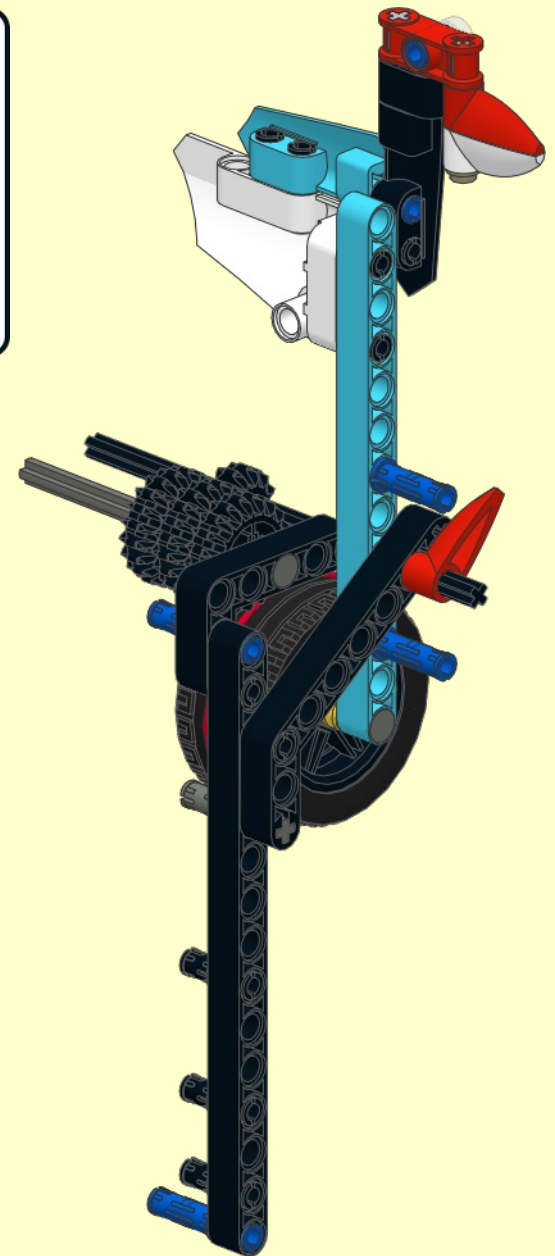
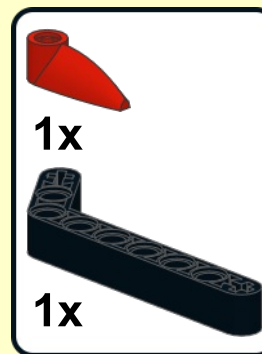
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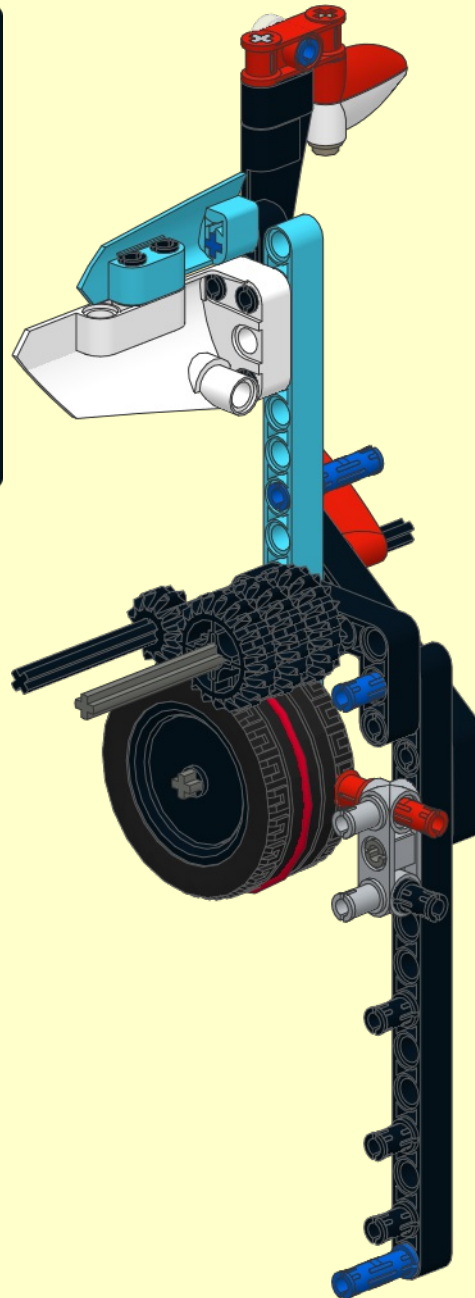
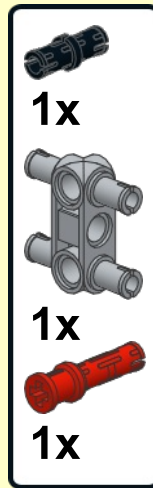
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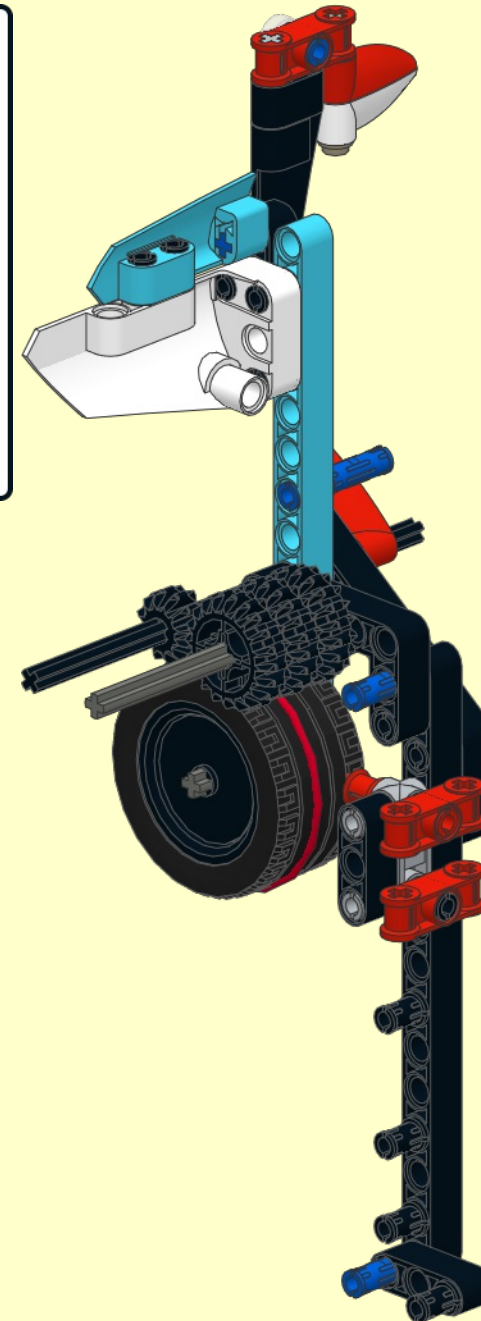
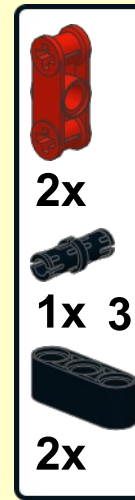
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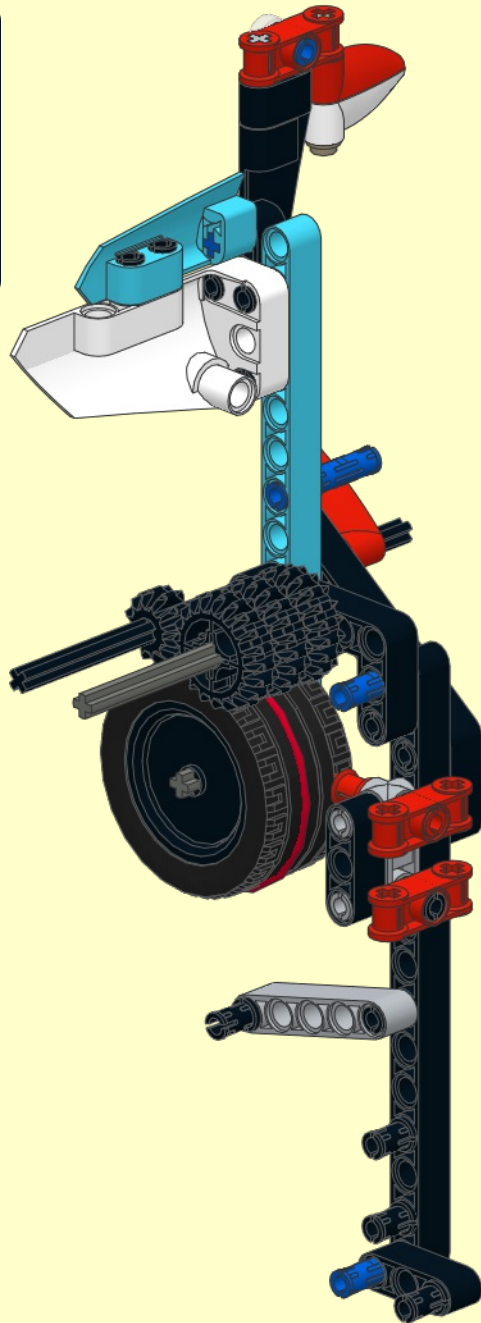
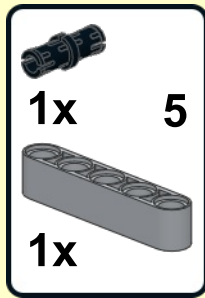
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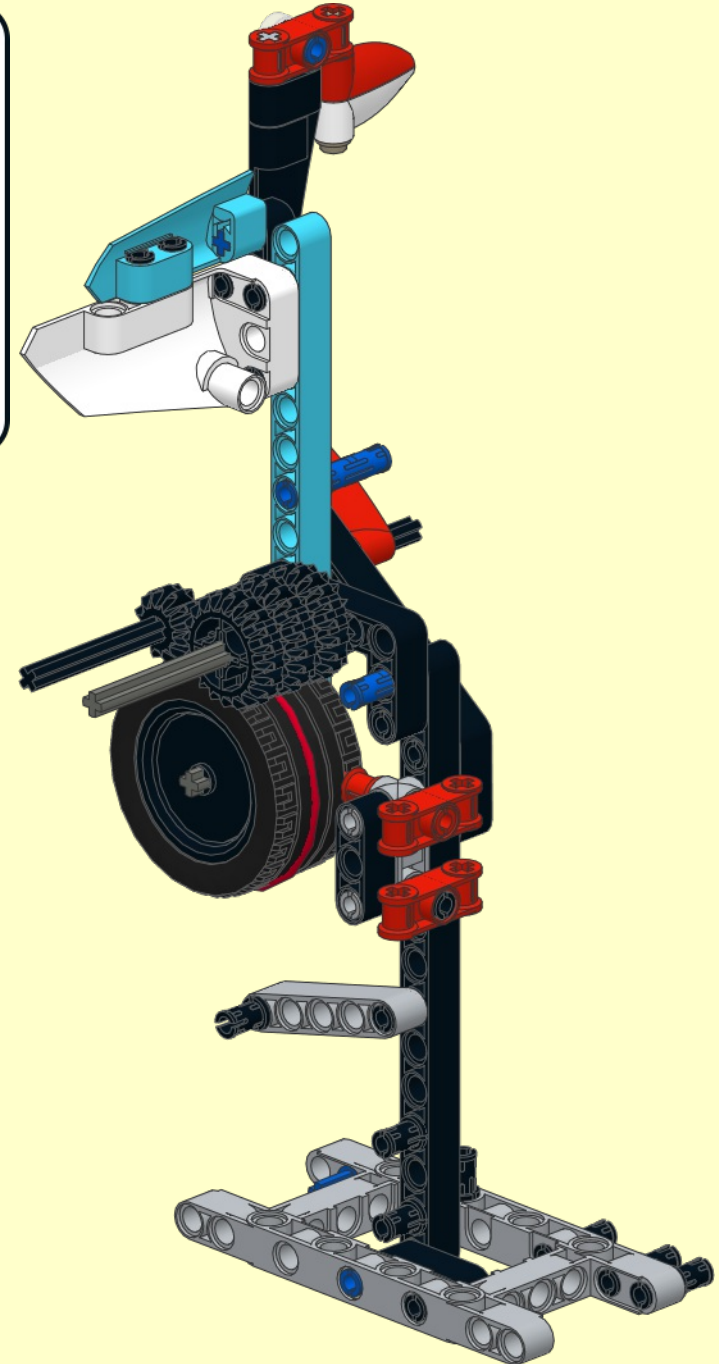
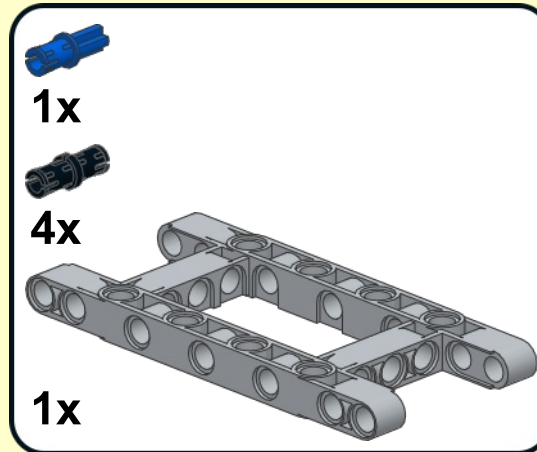
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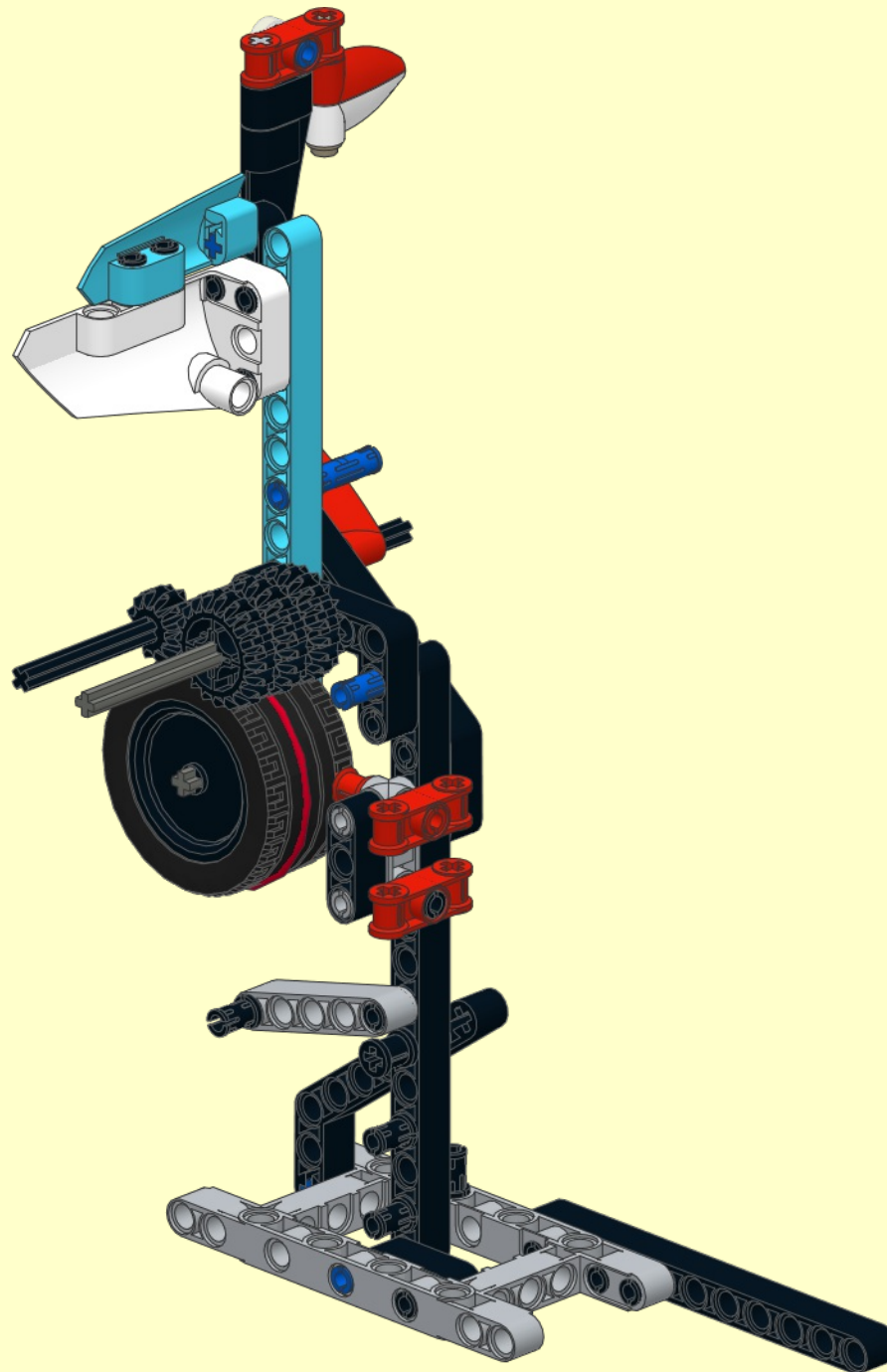
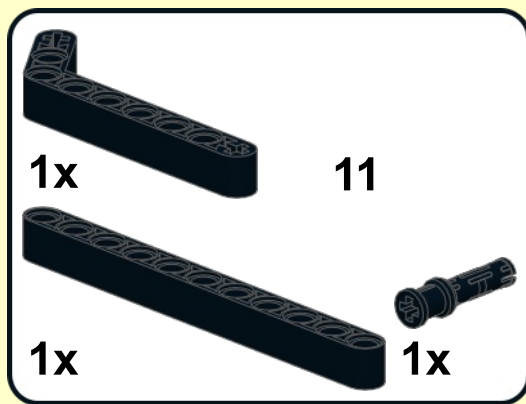
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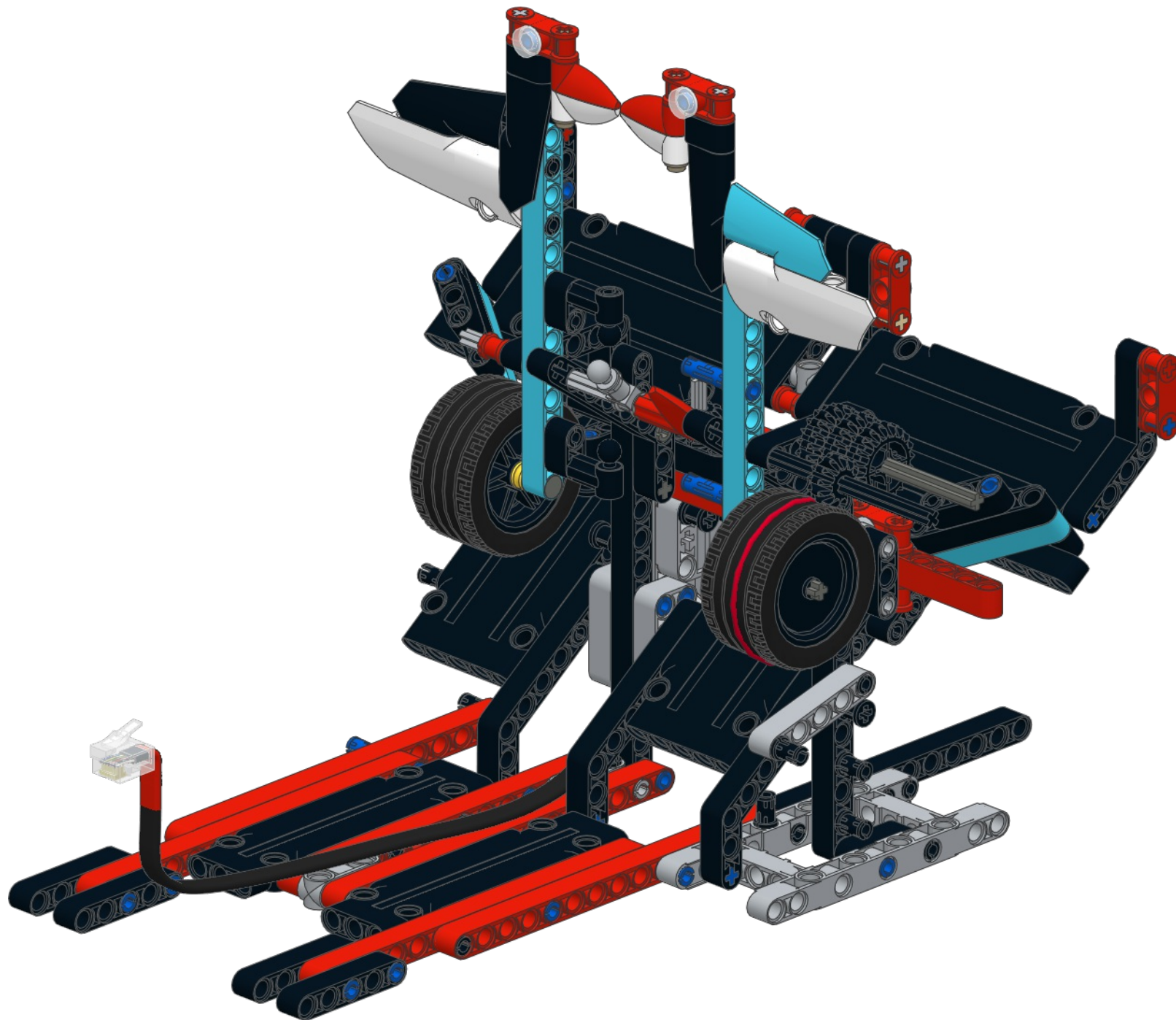


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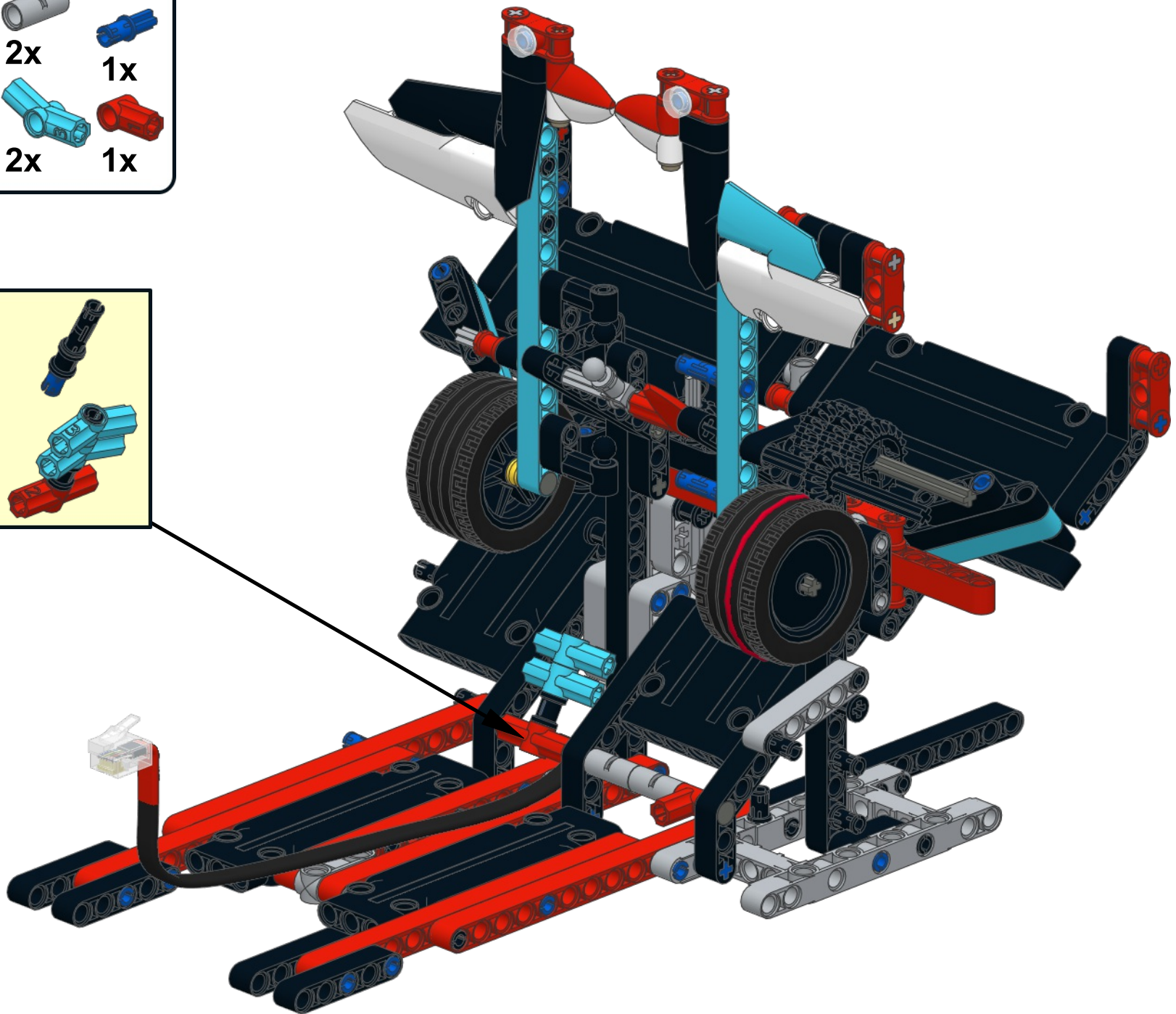
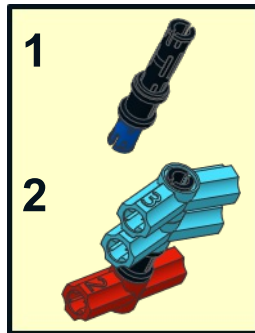
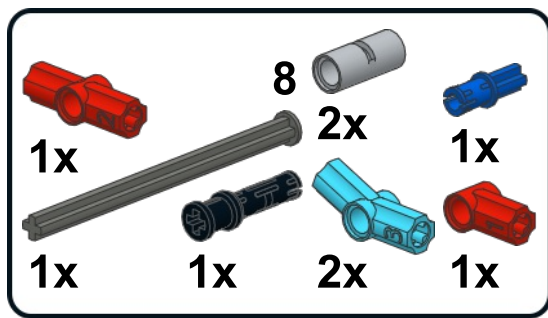


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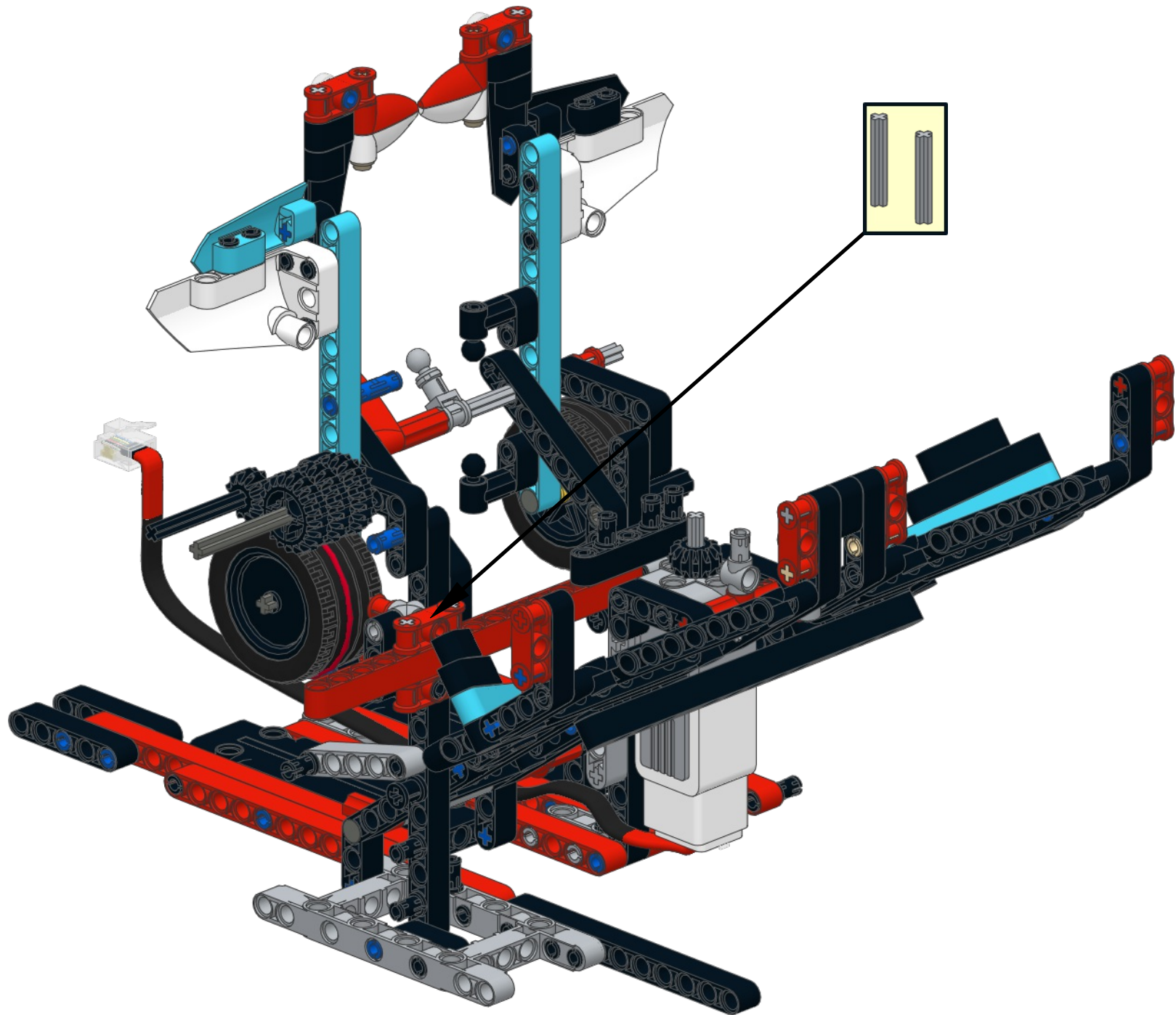
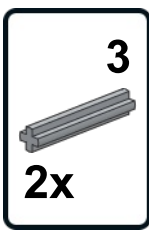


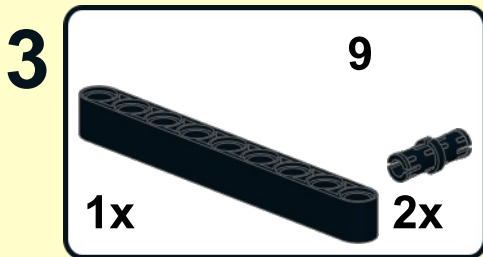
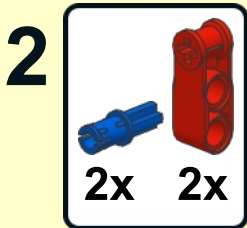
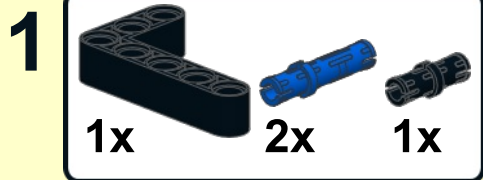


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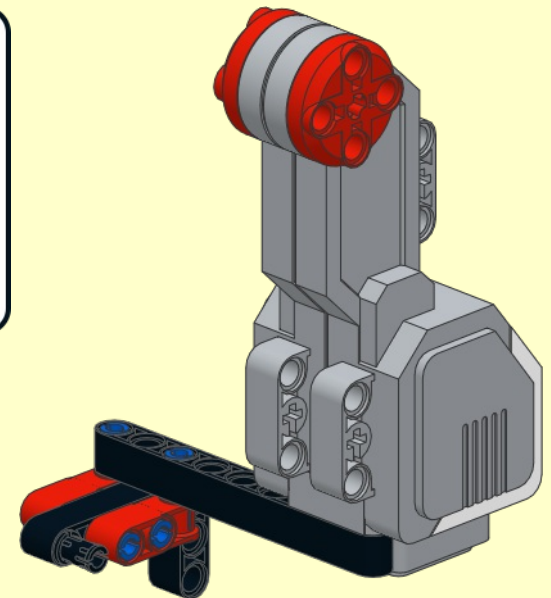
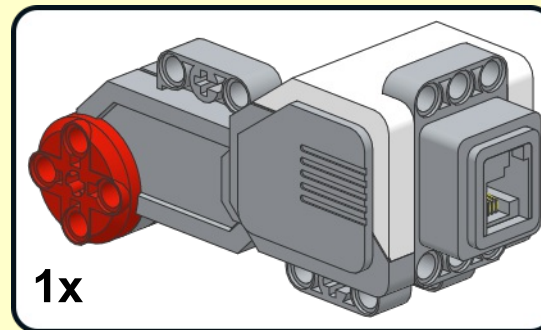


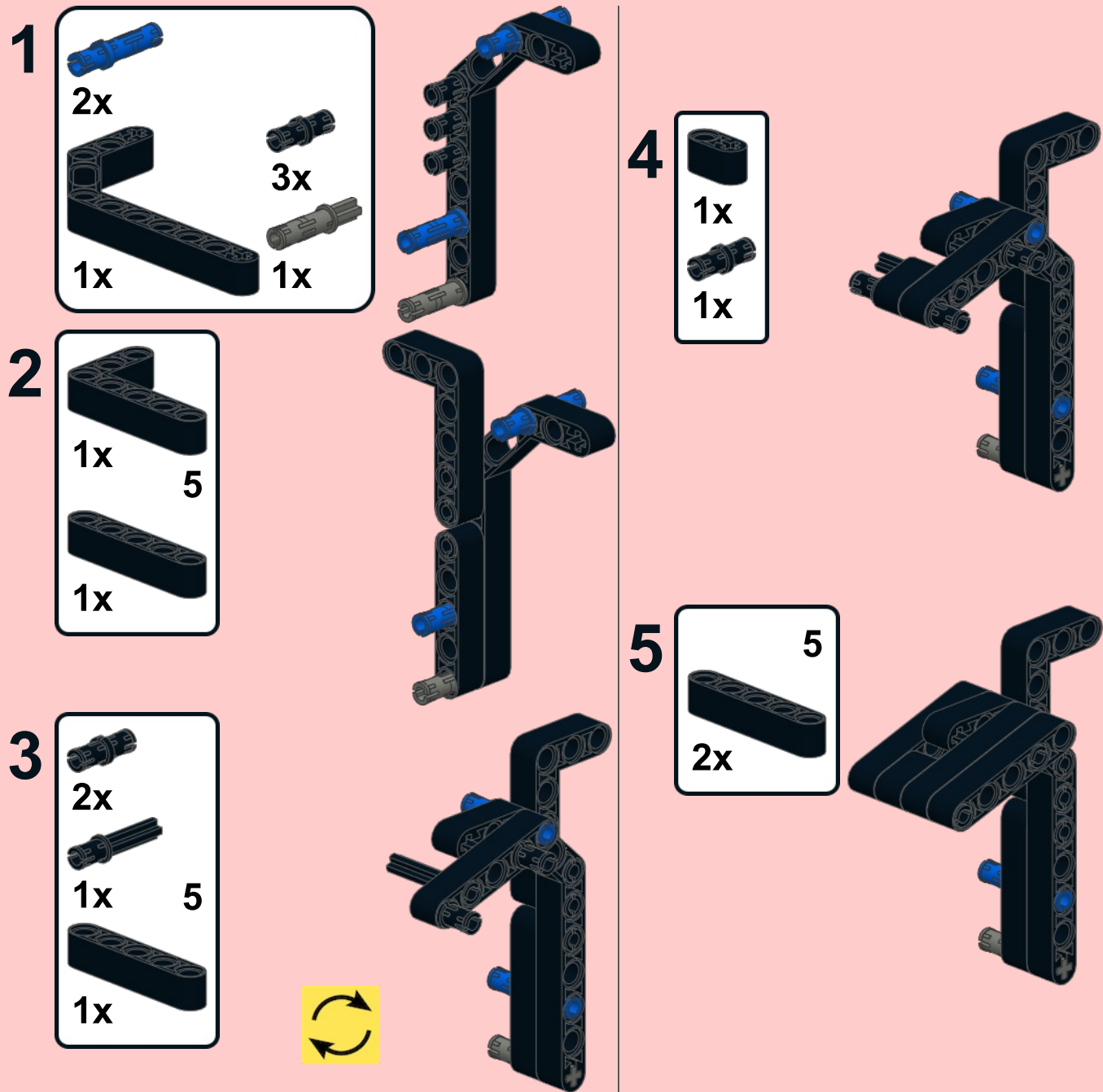
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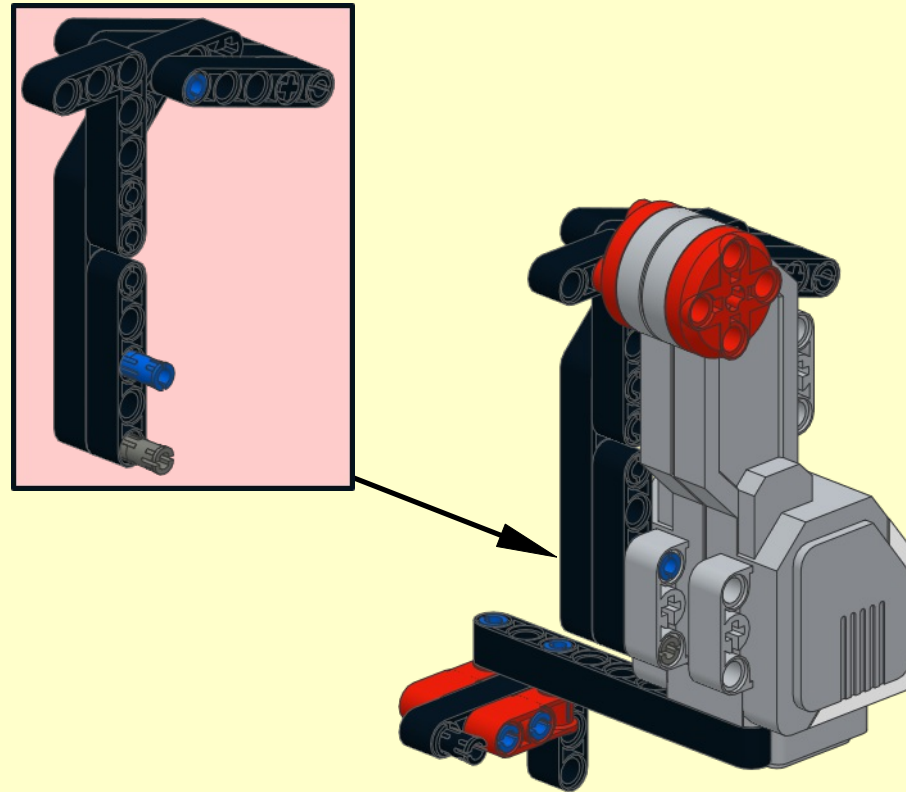




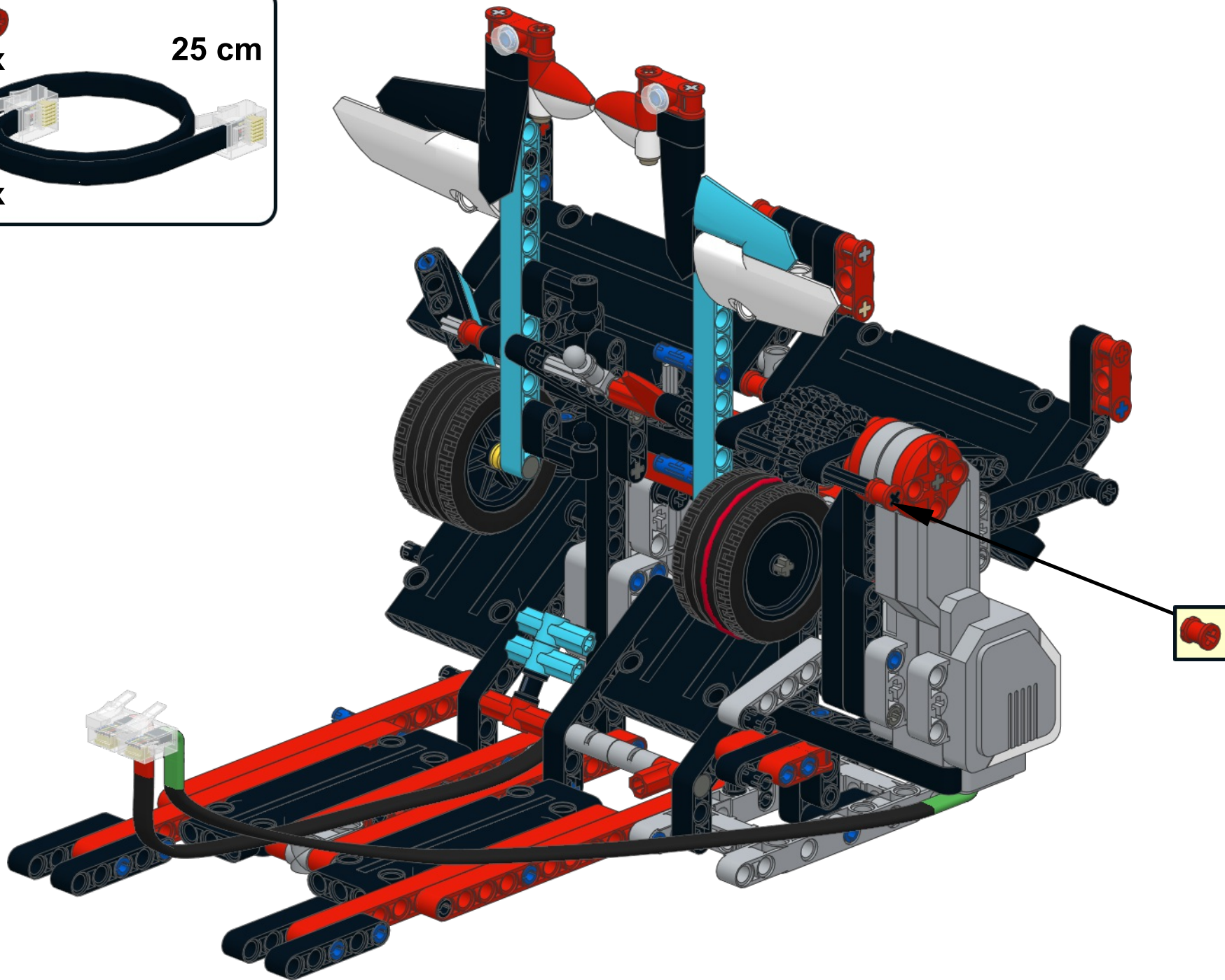
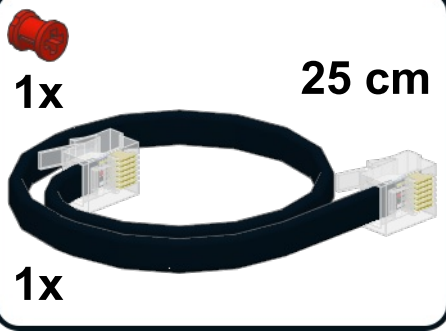
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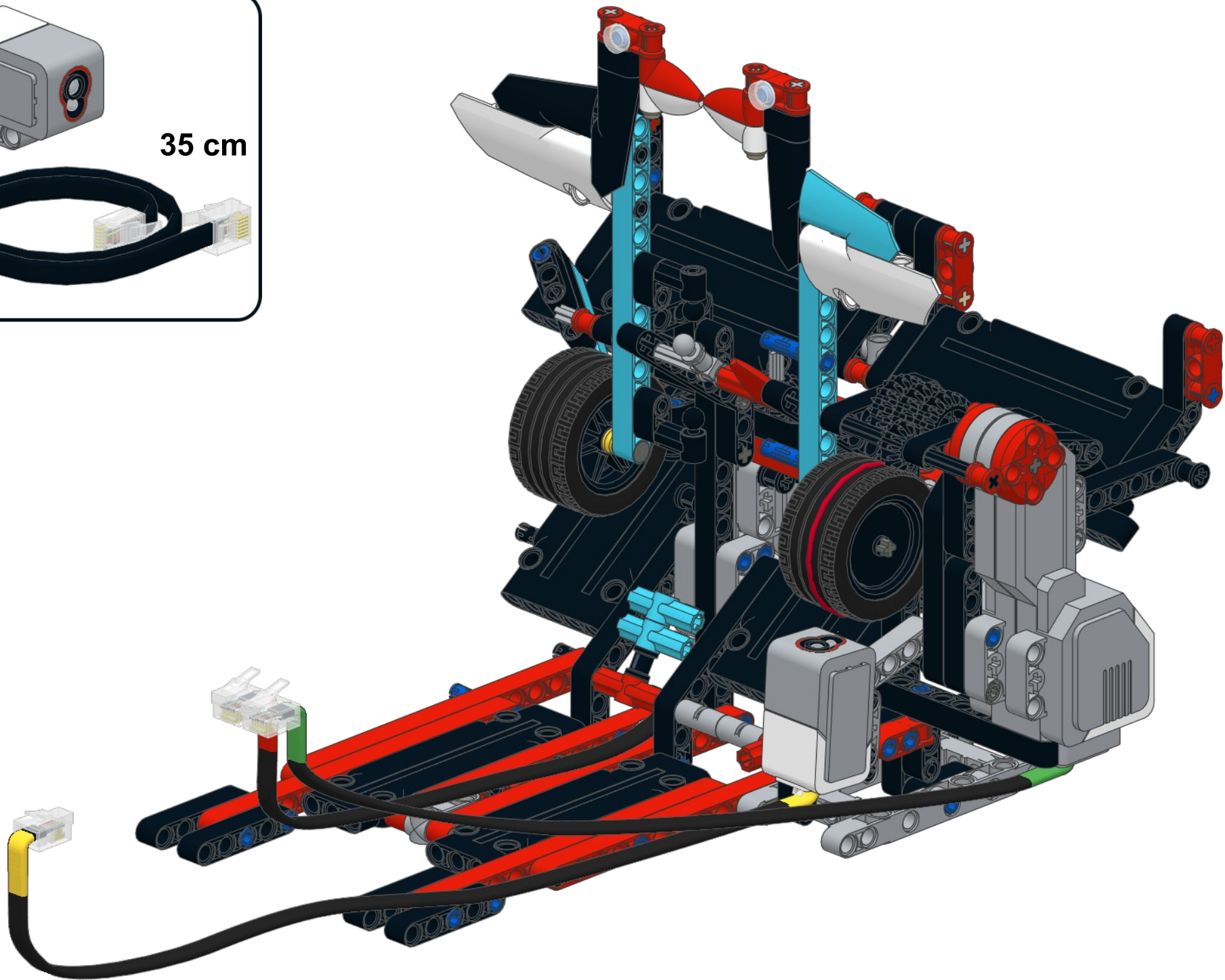
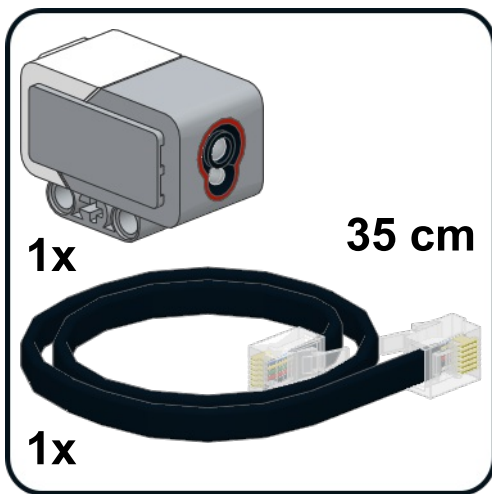




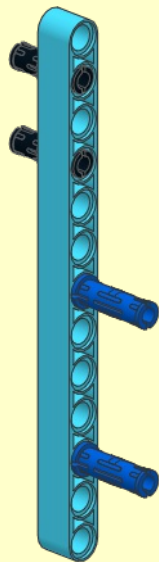
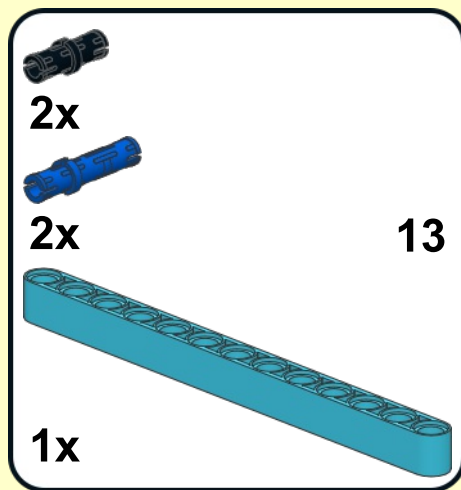
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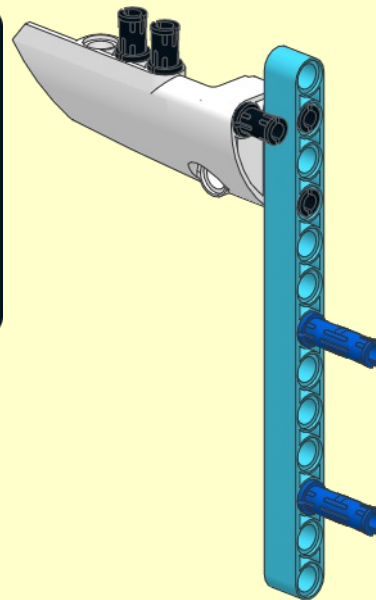
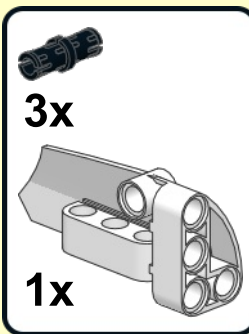
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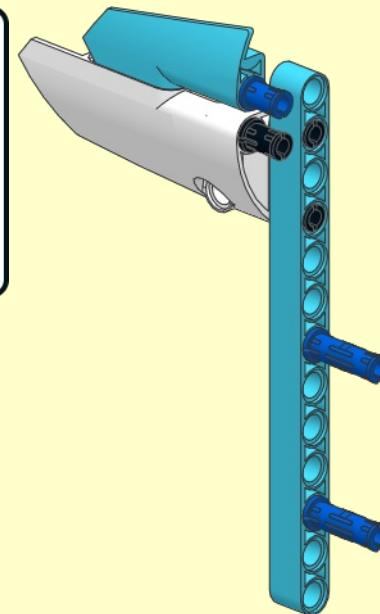
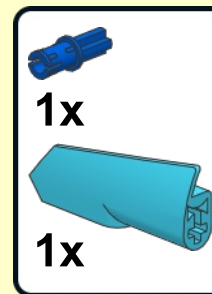
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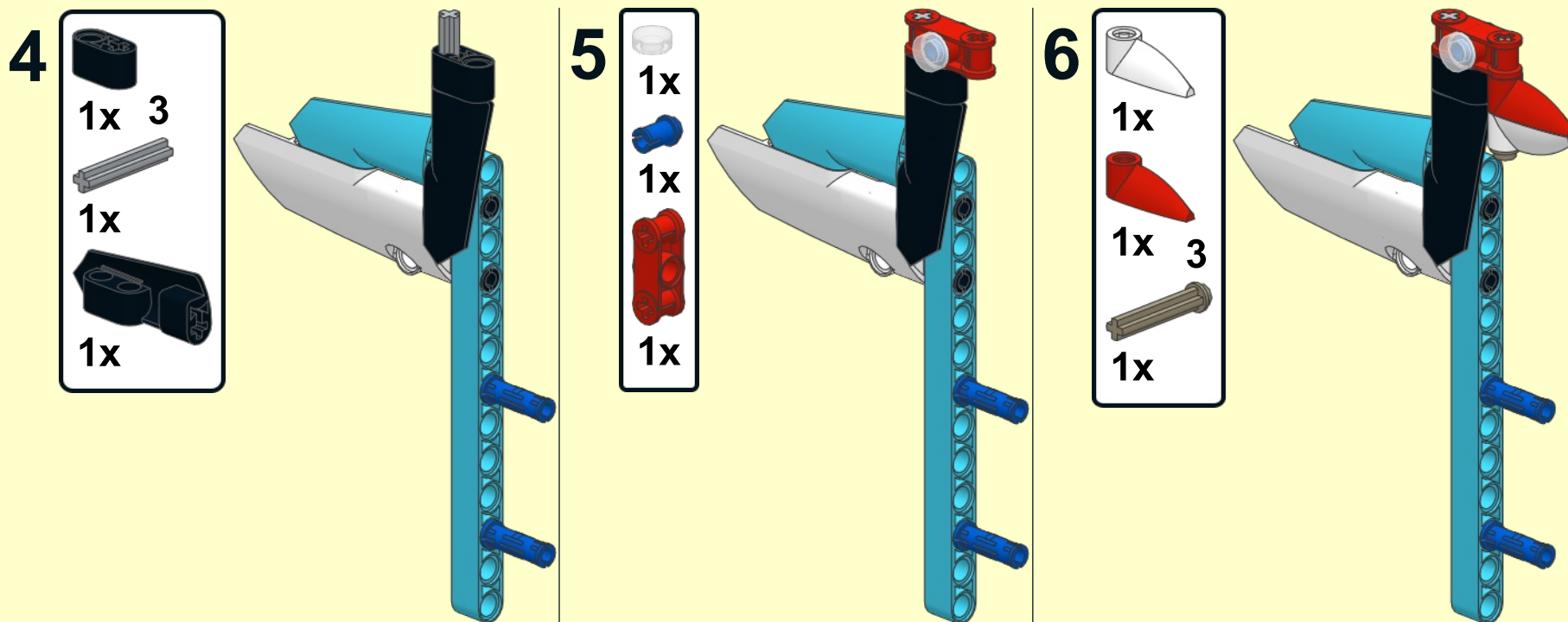


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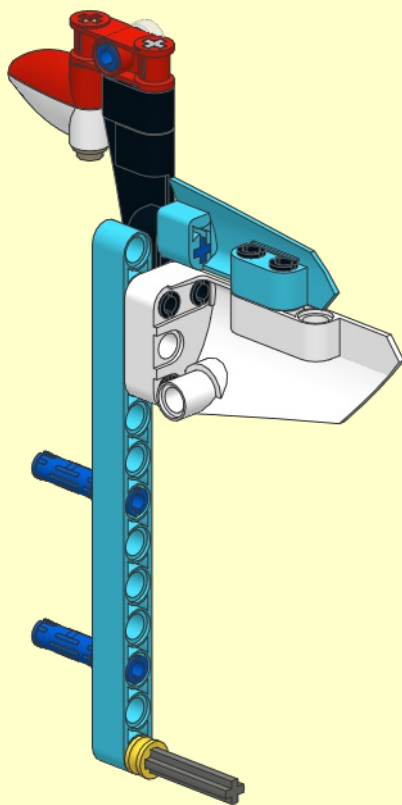


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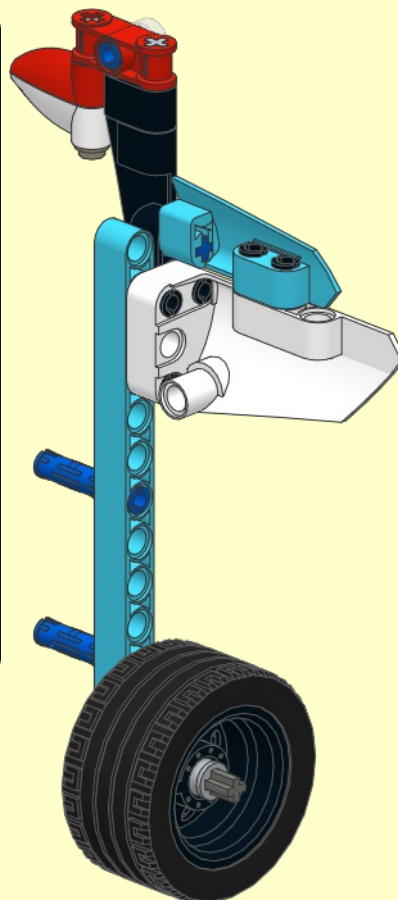




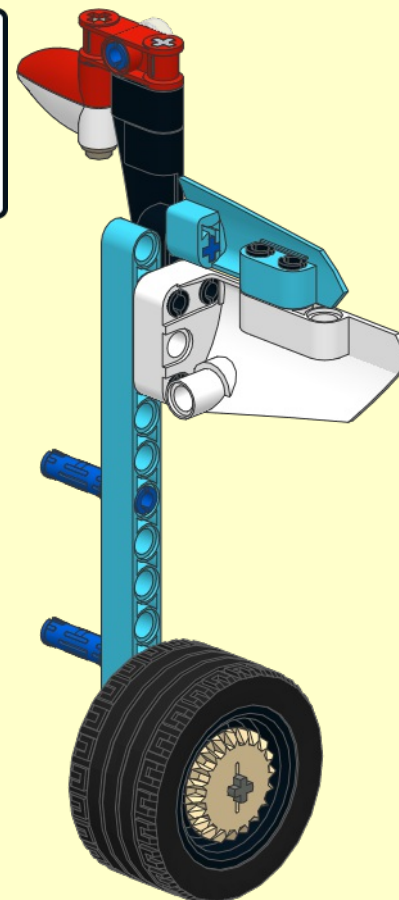
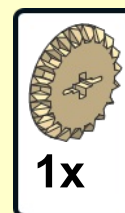
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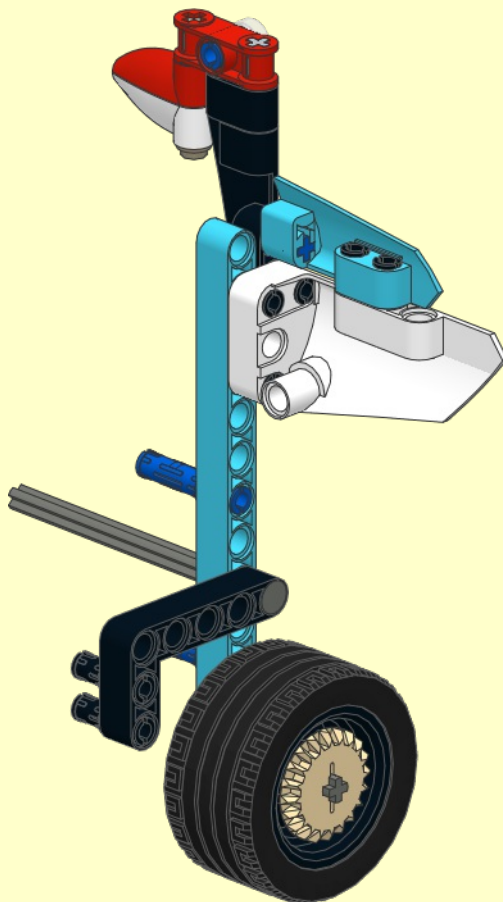
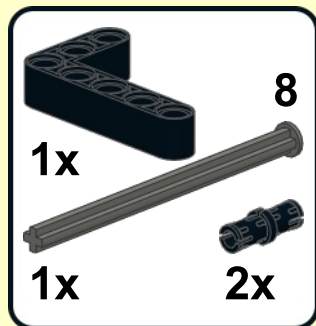
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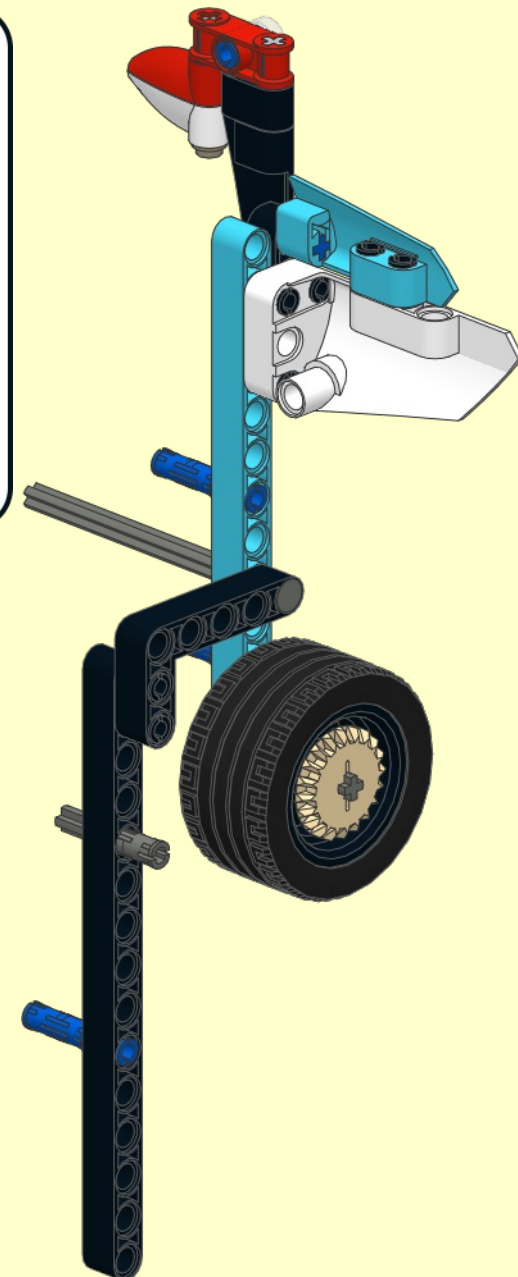
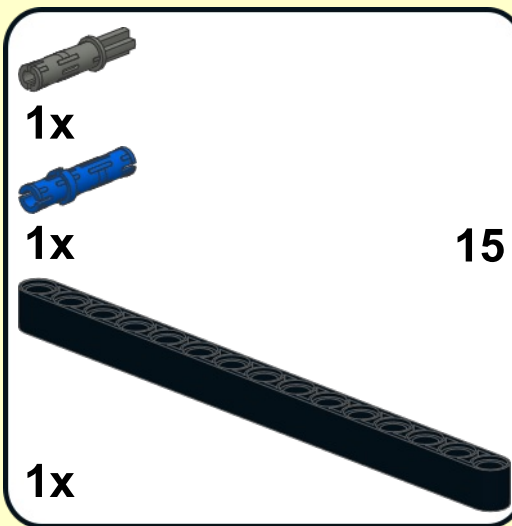
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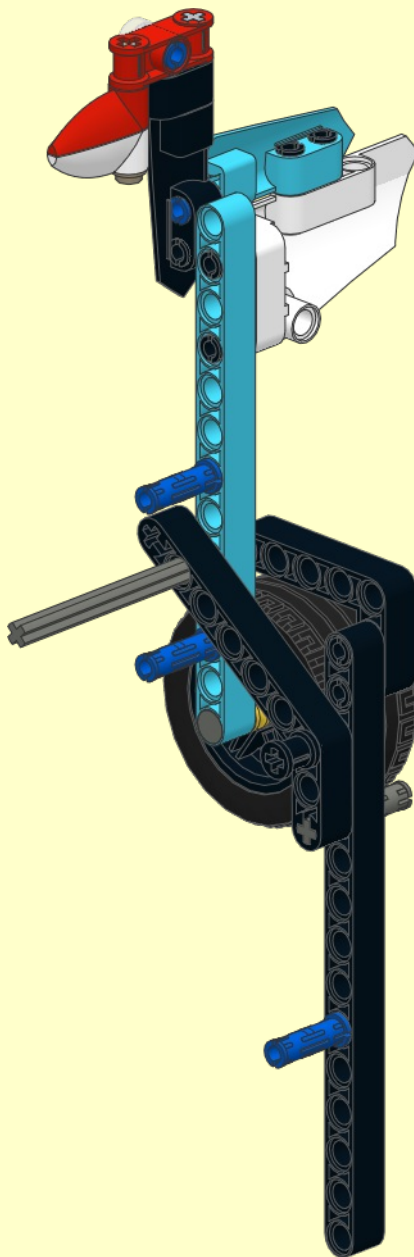
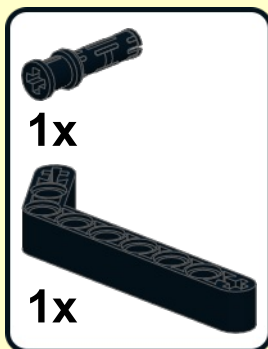
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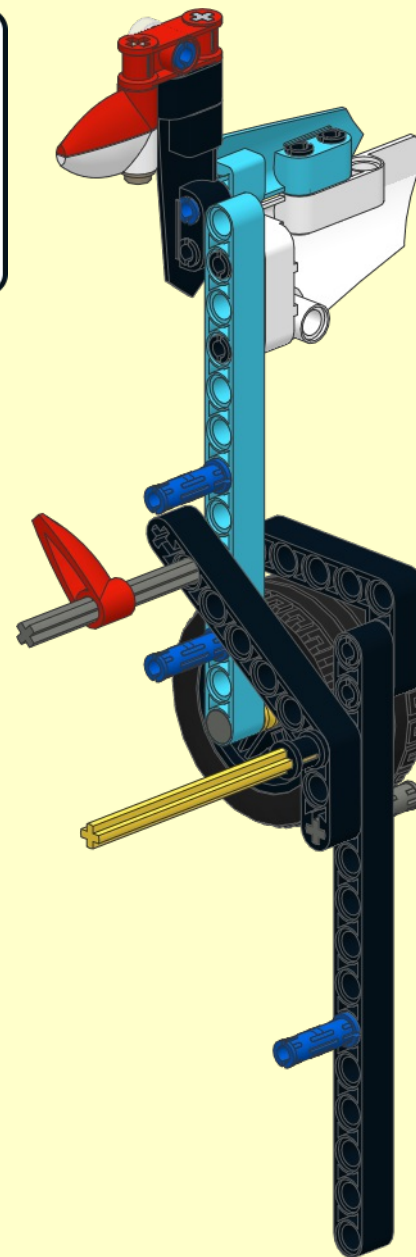
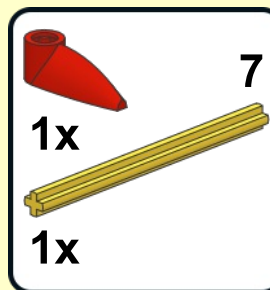
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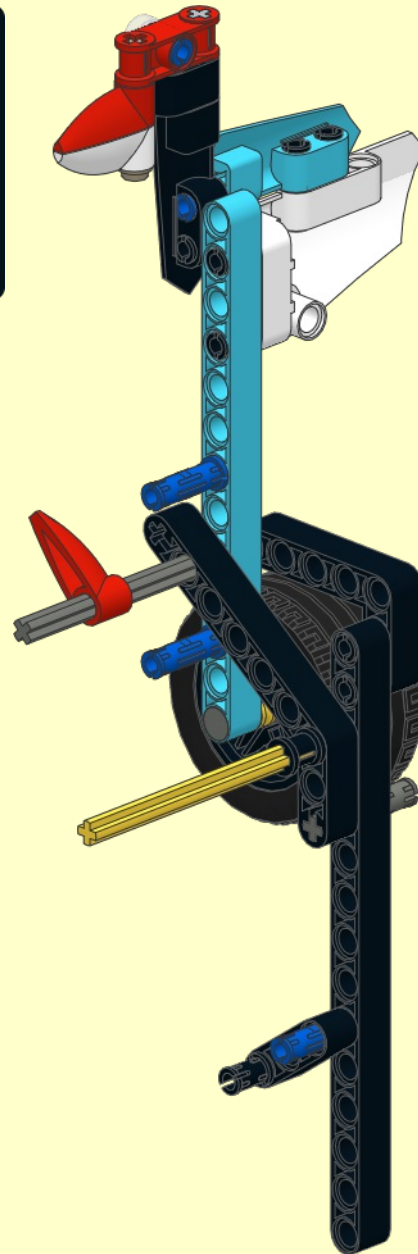
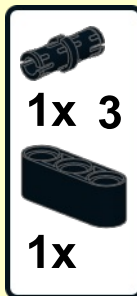
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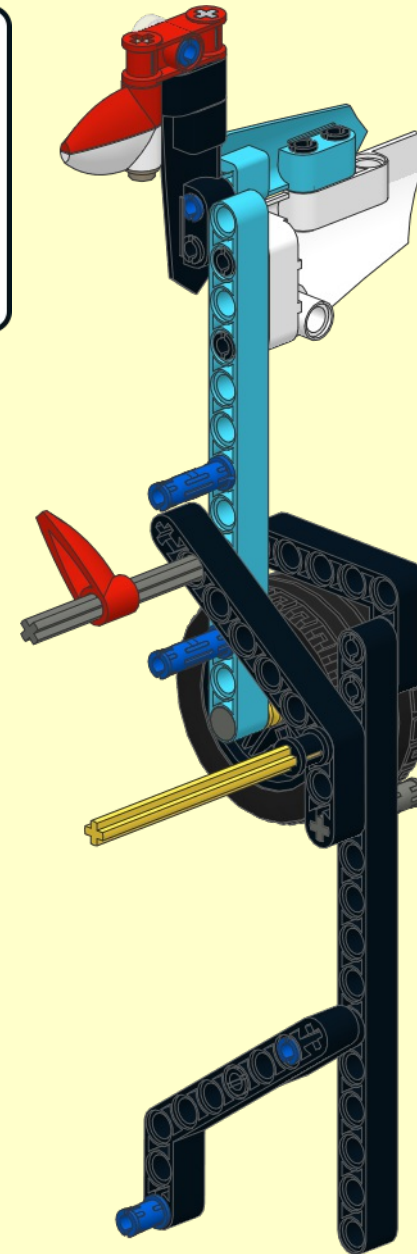
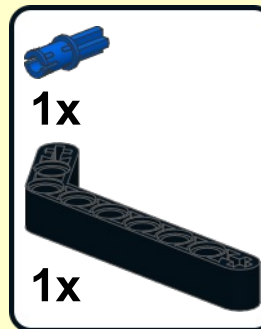
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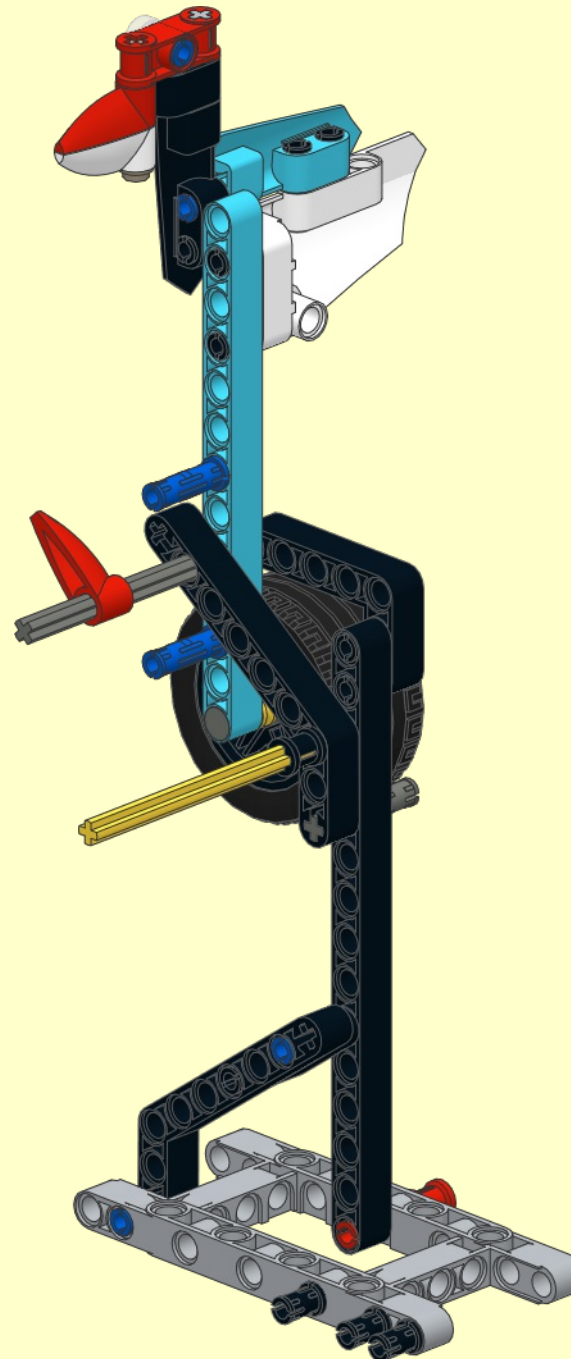
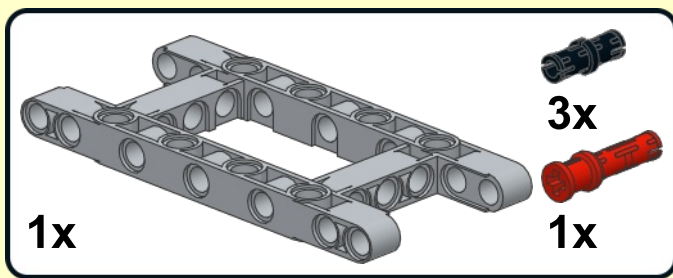
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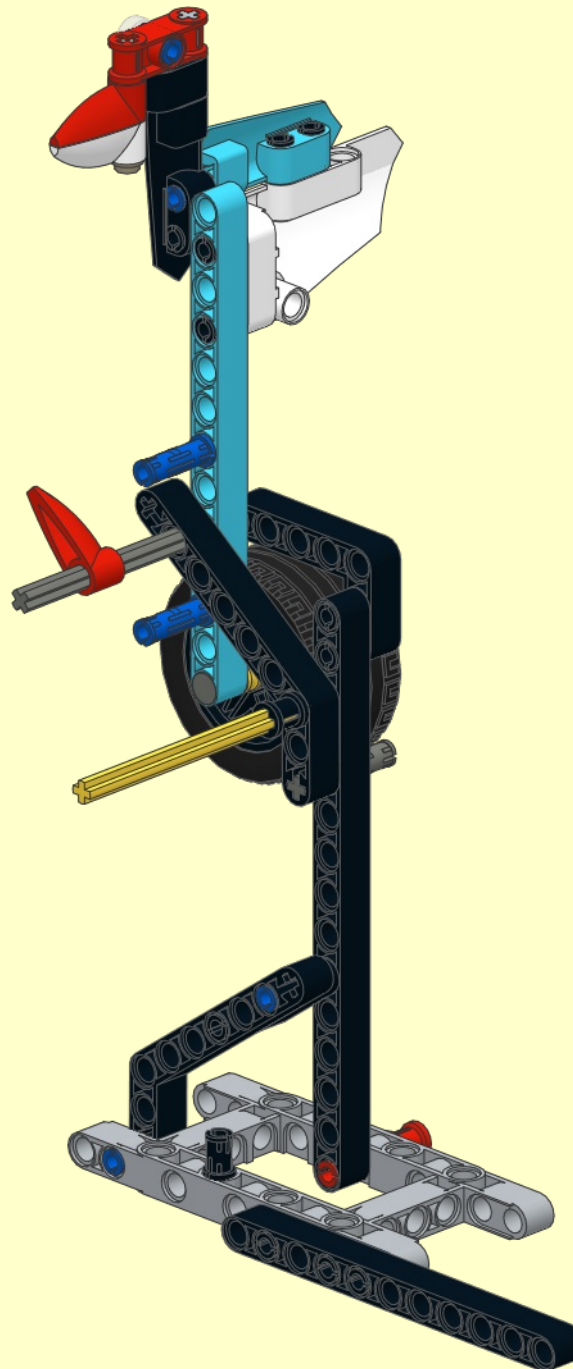
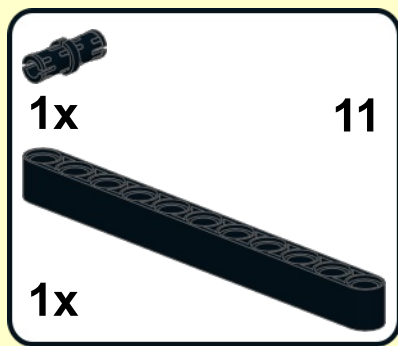
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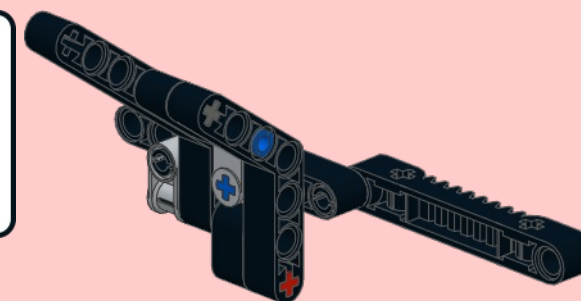
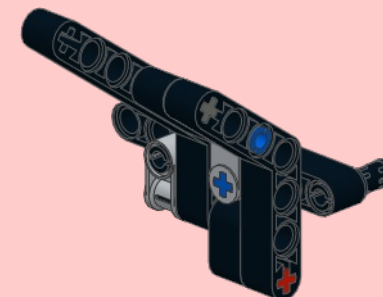
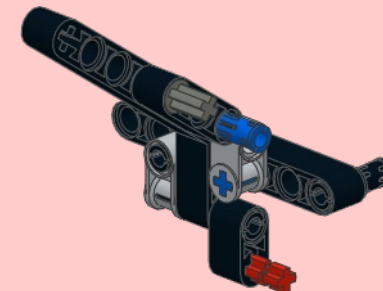
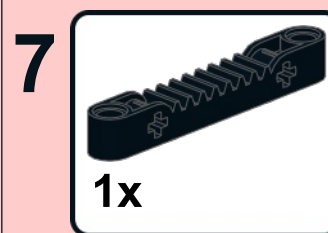
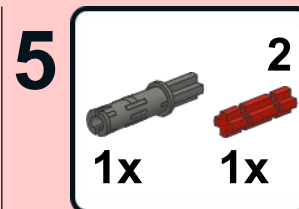
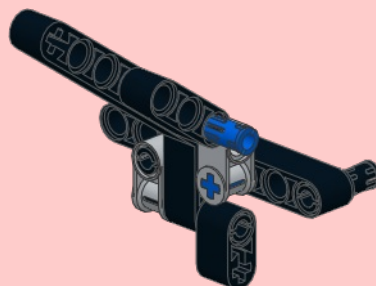
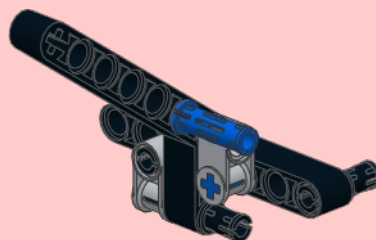
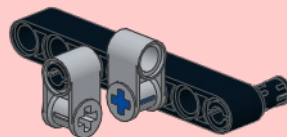
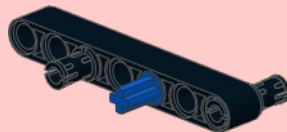
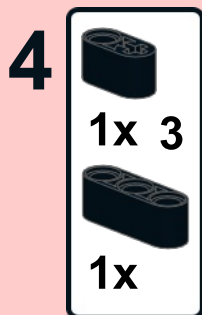
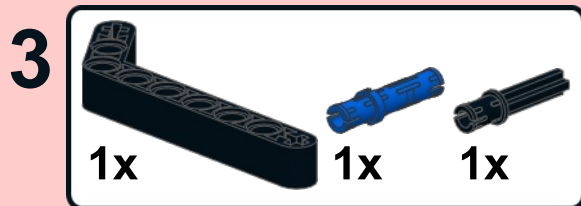
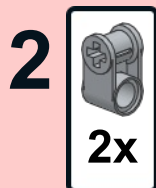
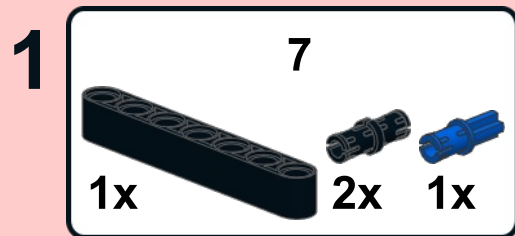


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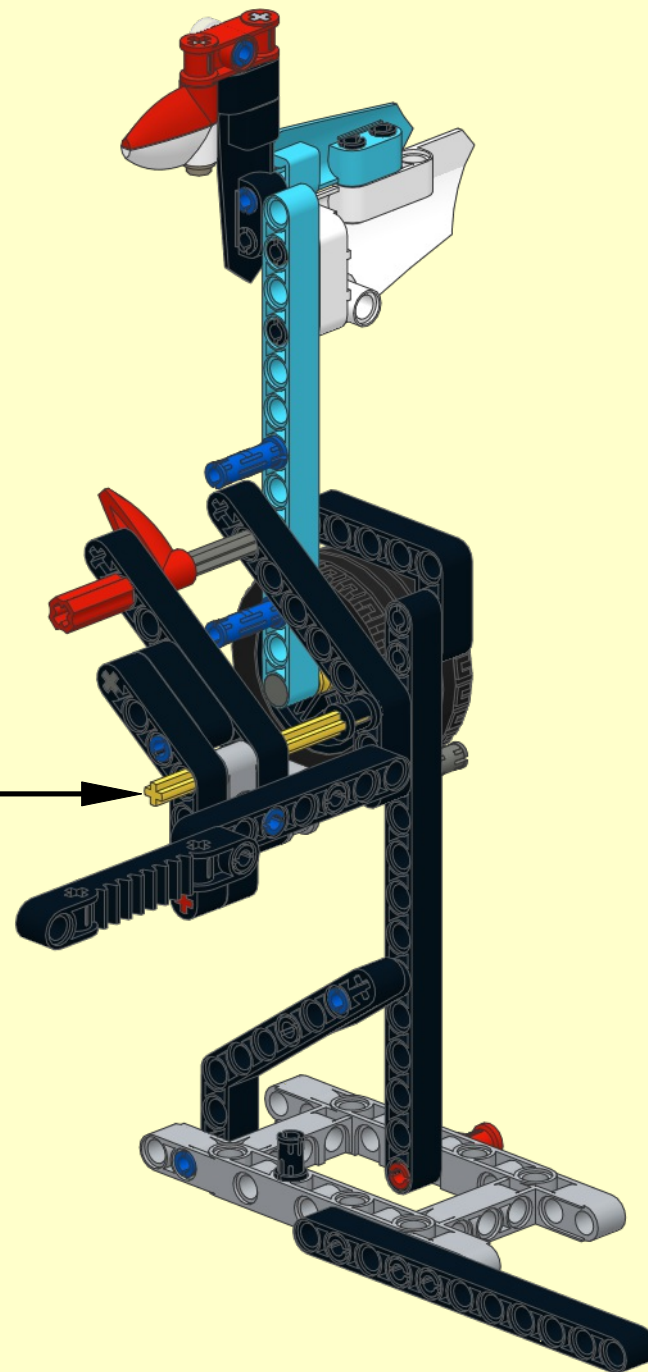
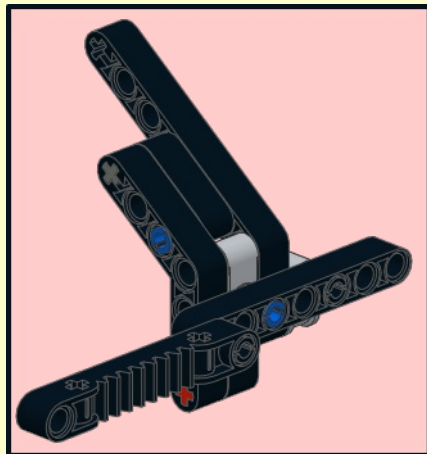


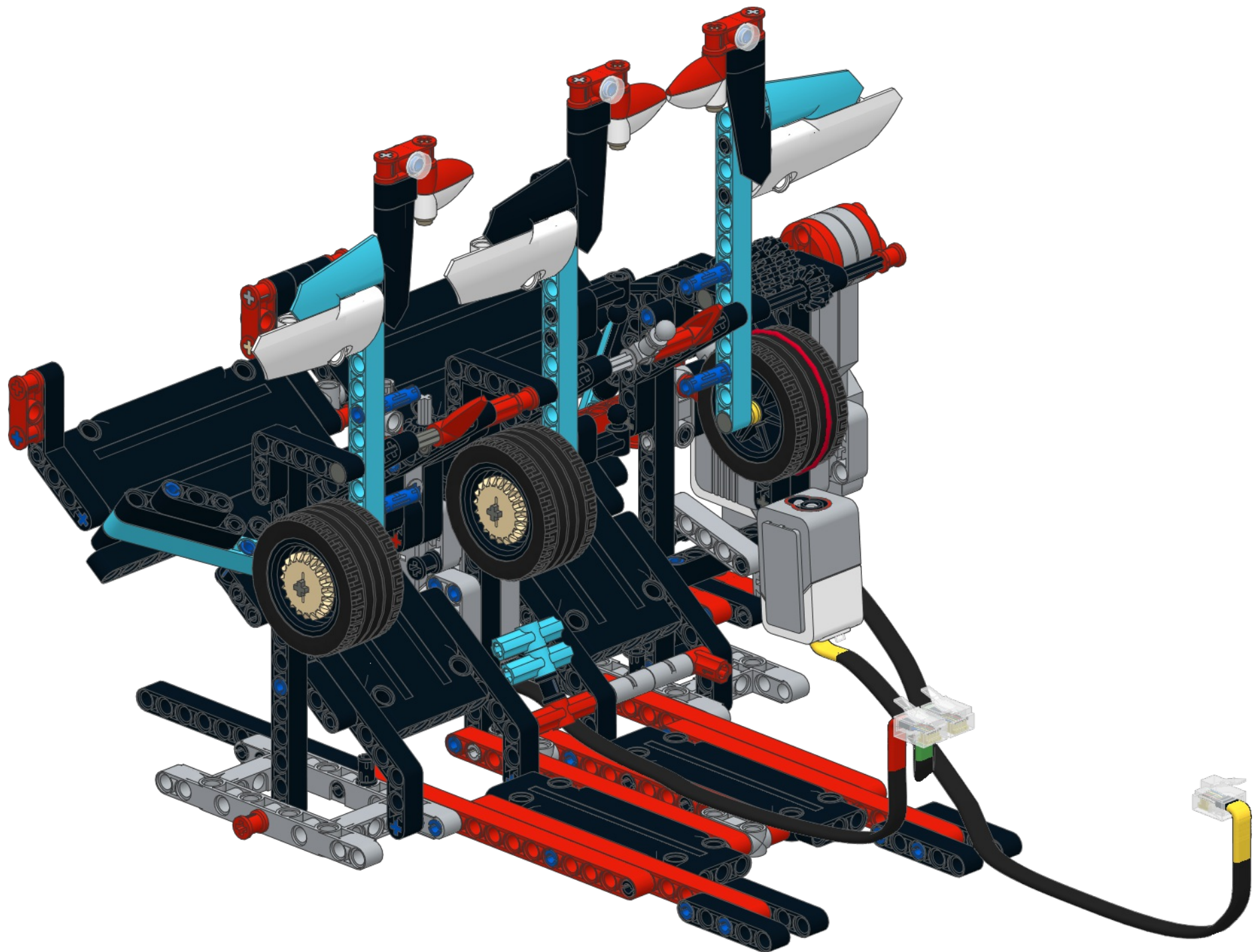


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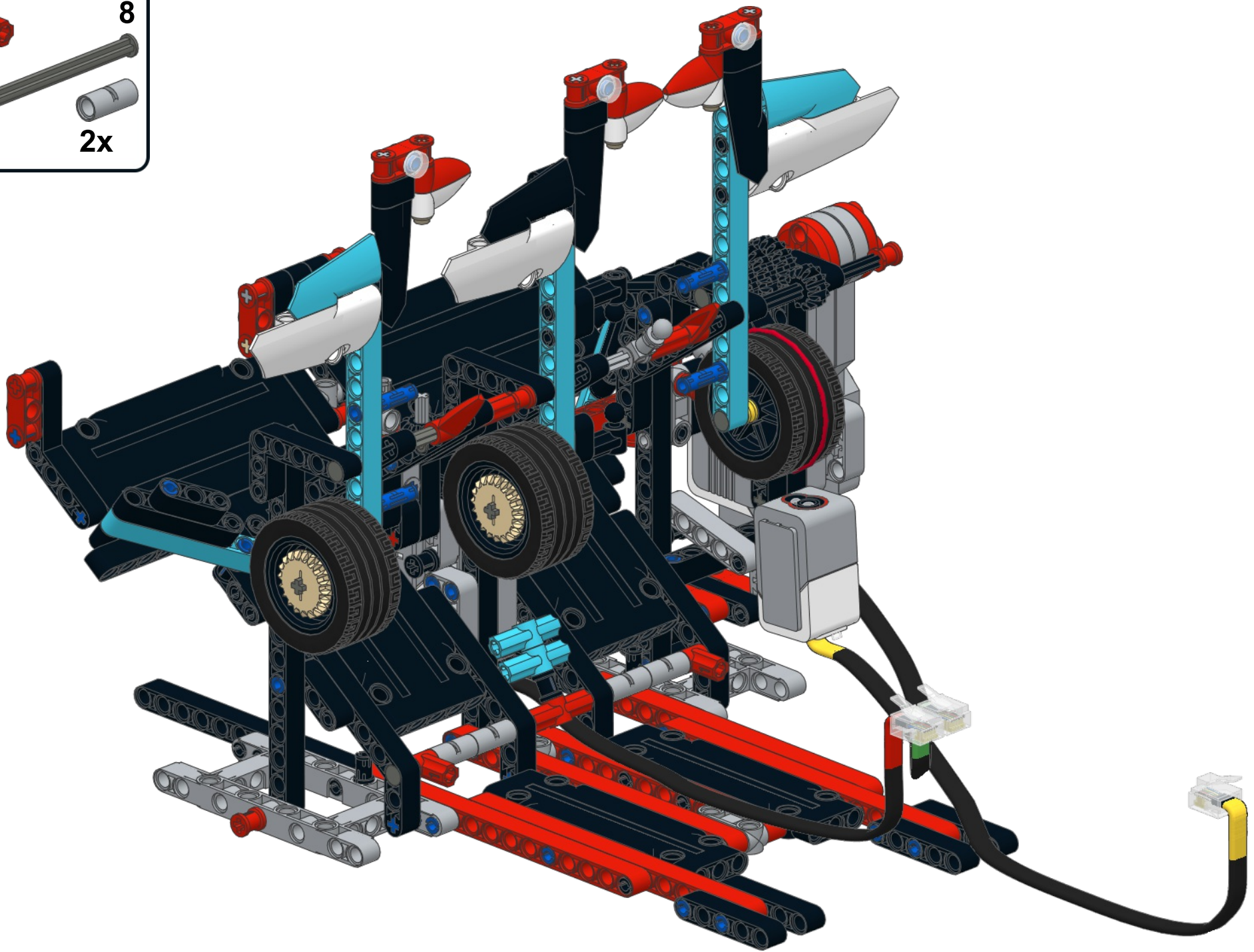
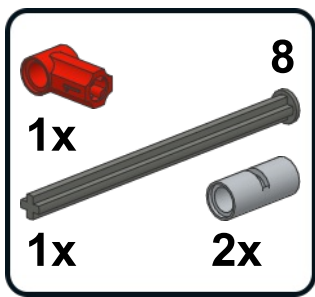


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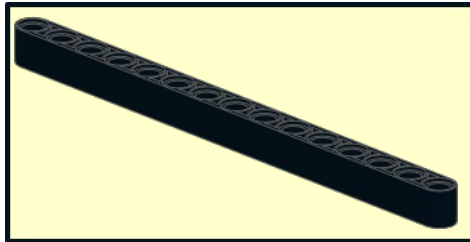
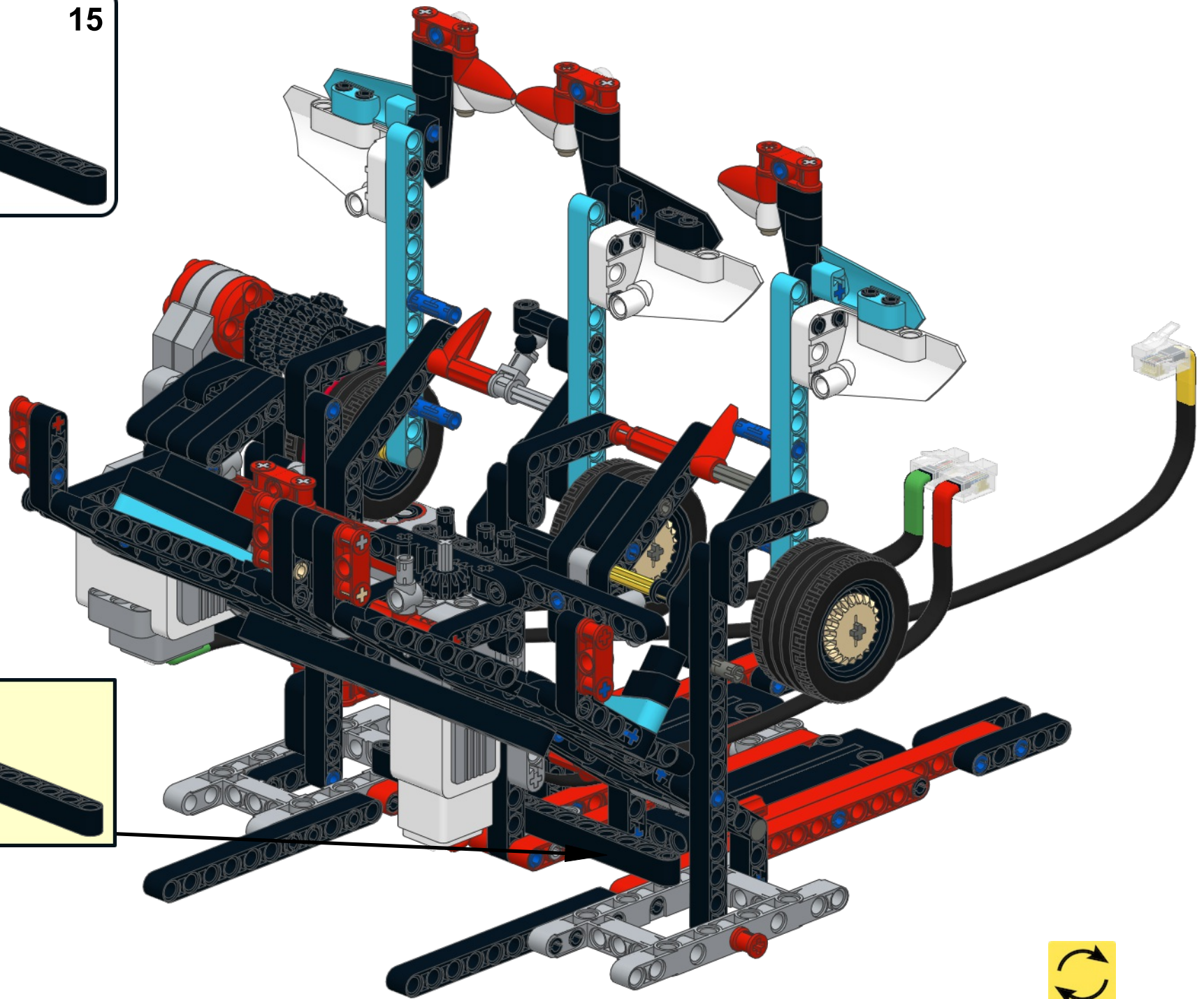
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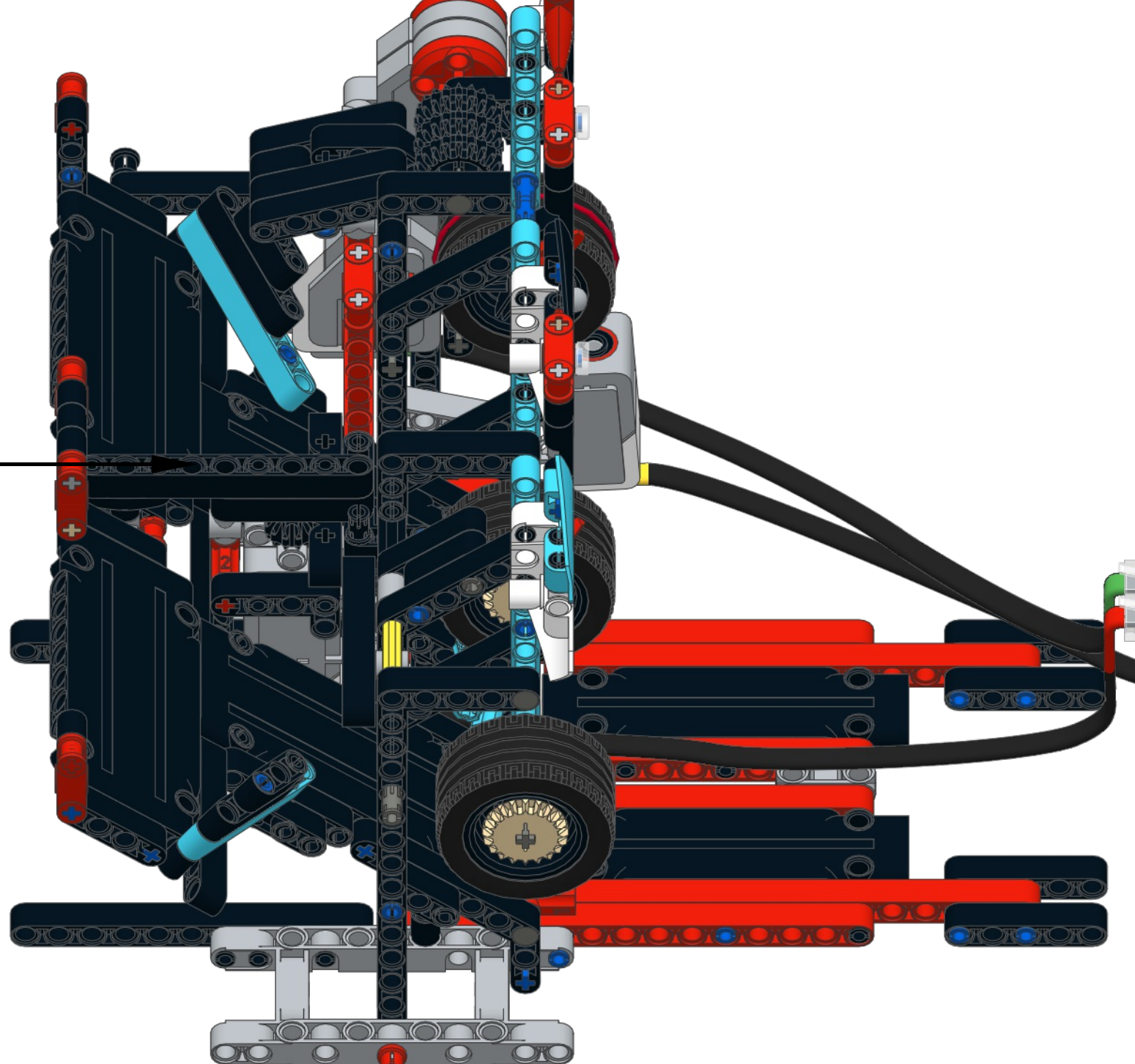
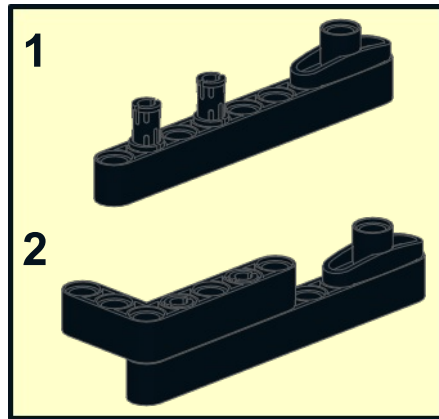
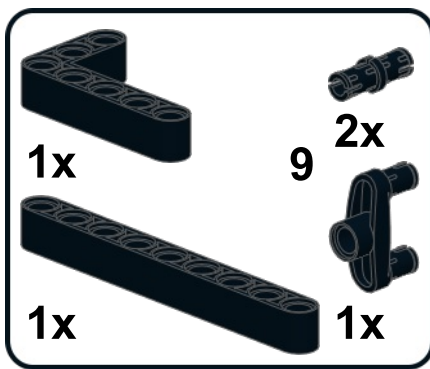
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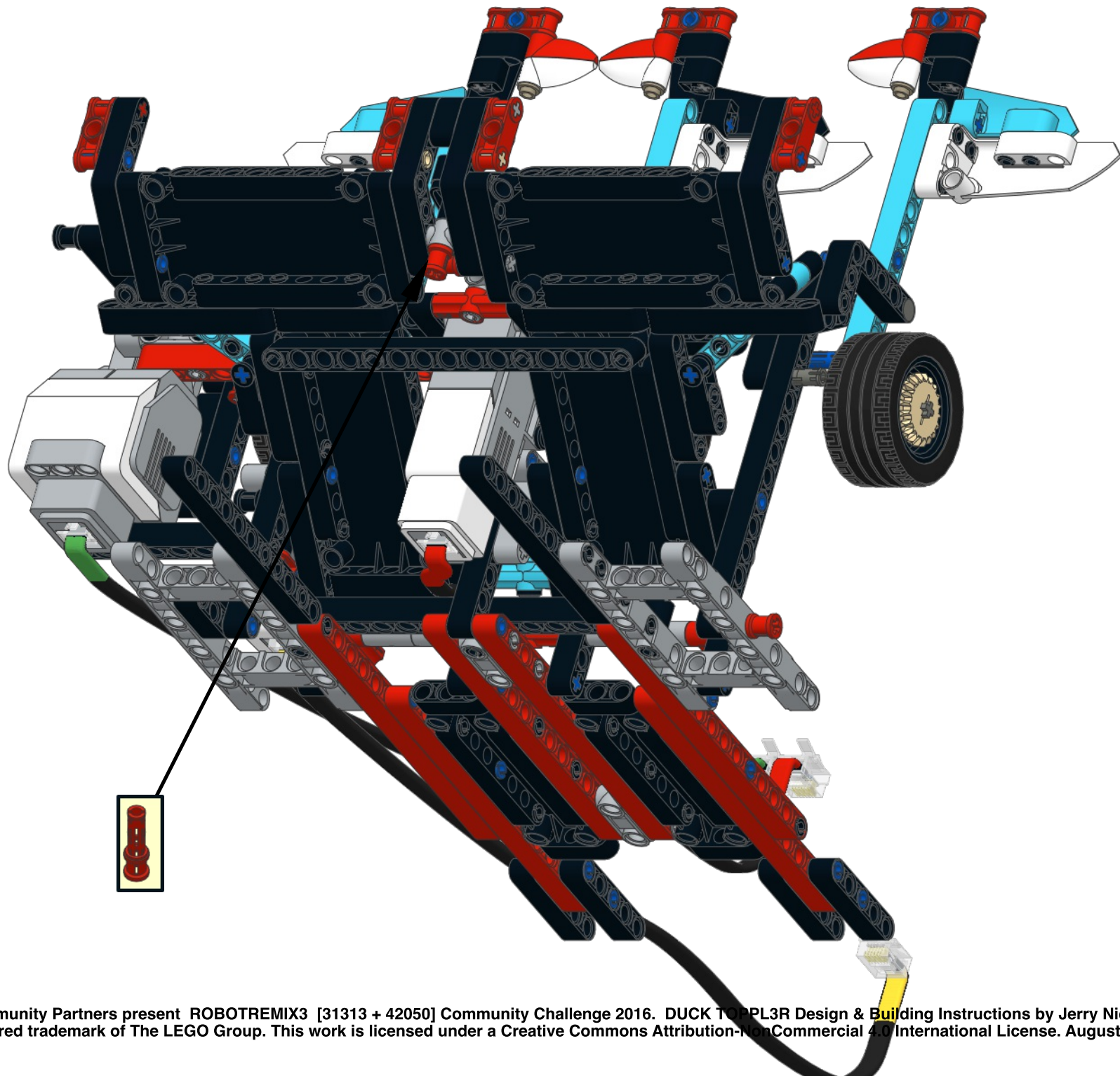
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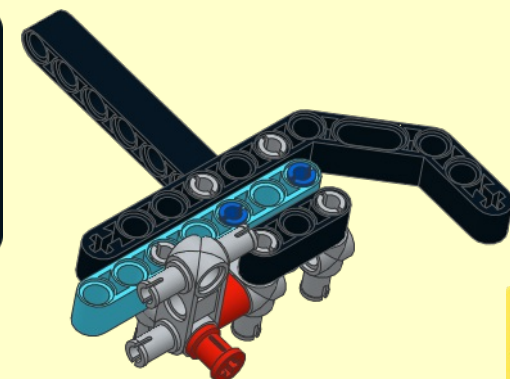
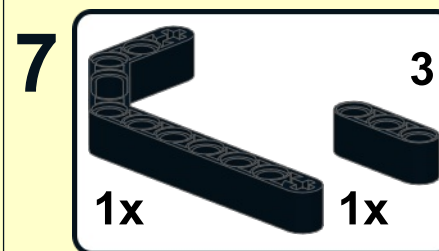
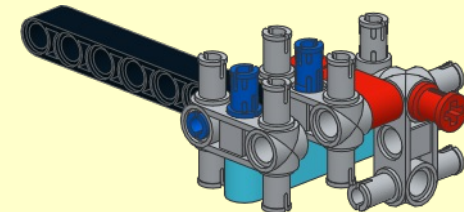
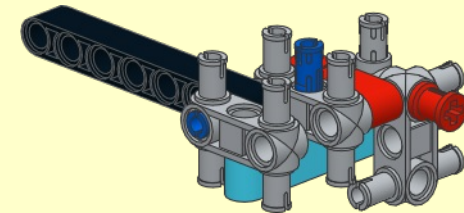
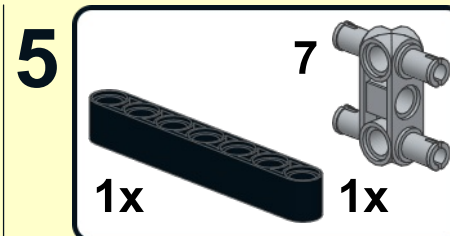
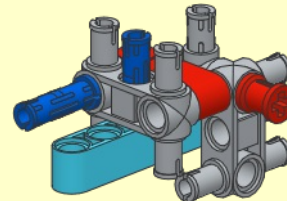
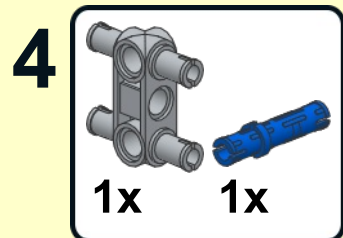
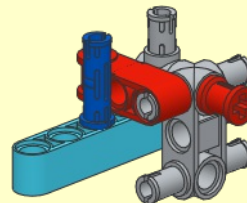
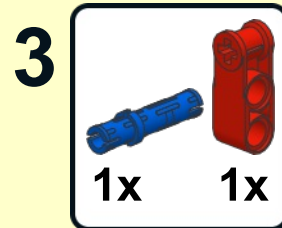
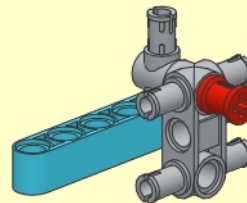
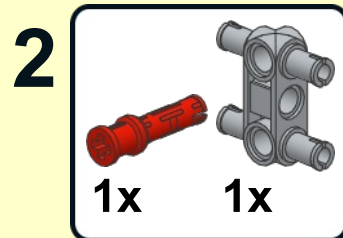
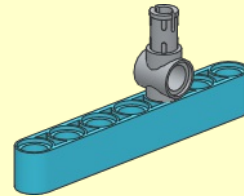
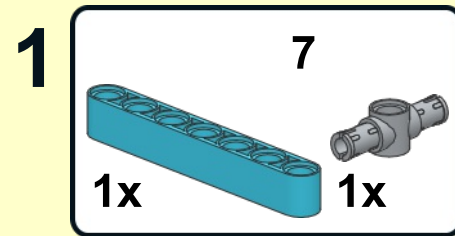


42



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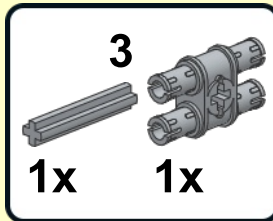




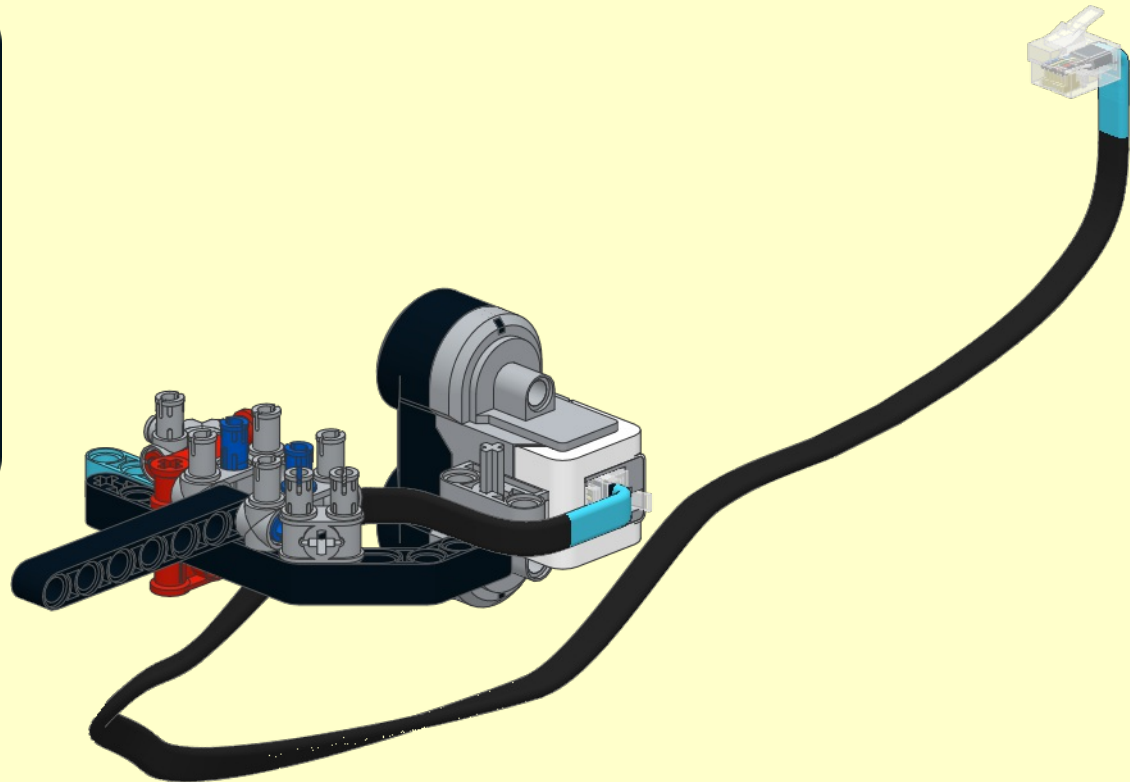
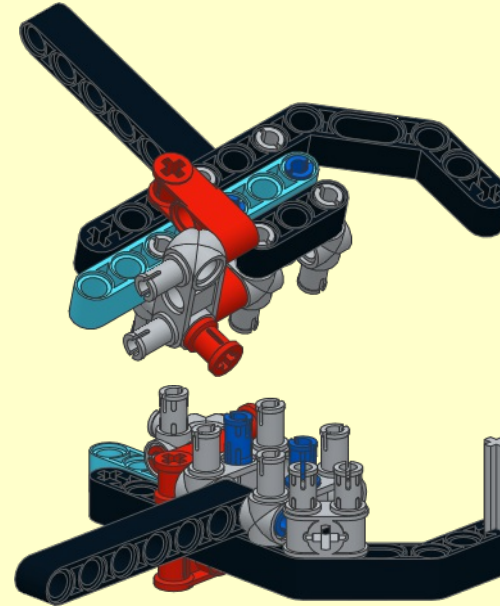
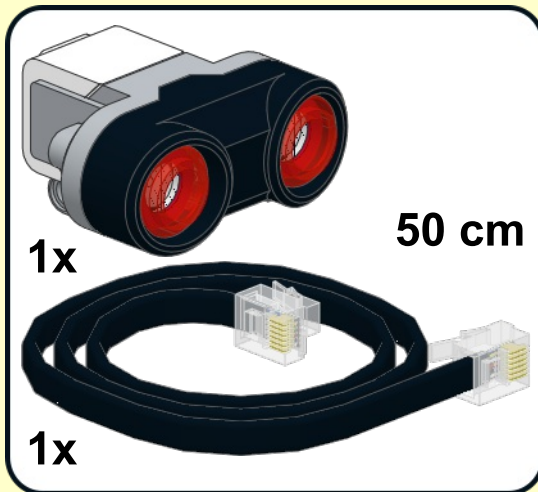
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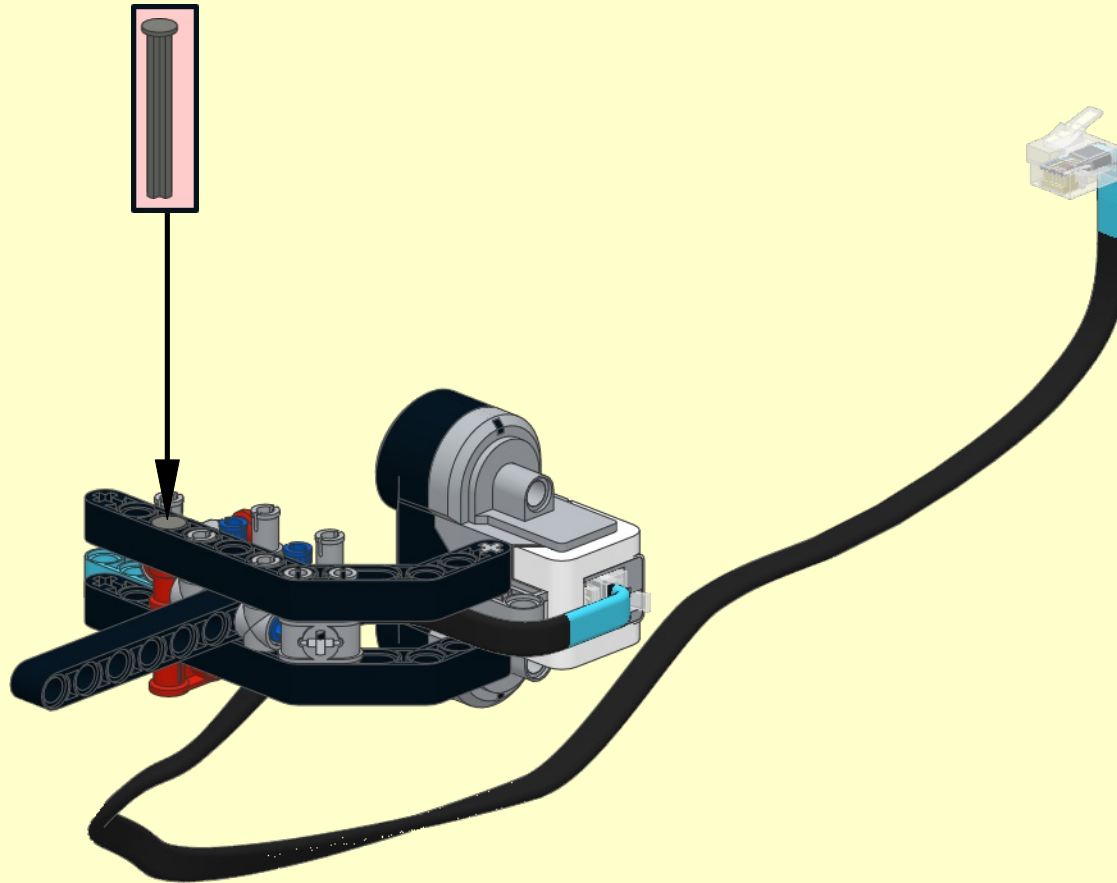
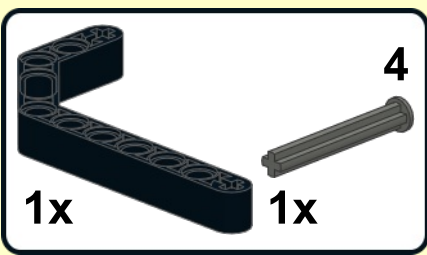
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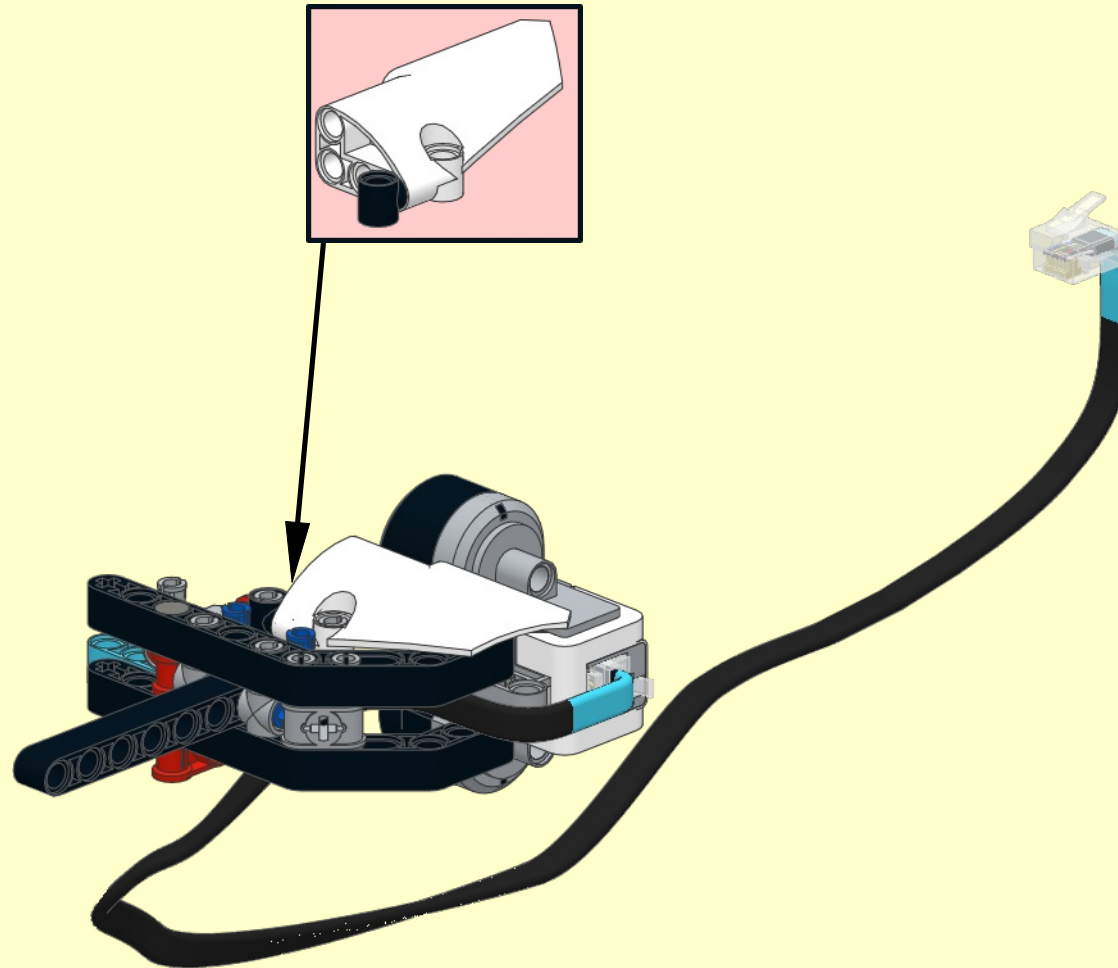
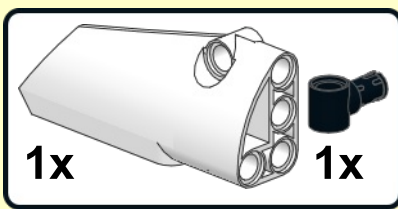
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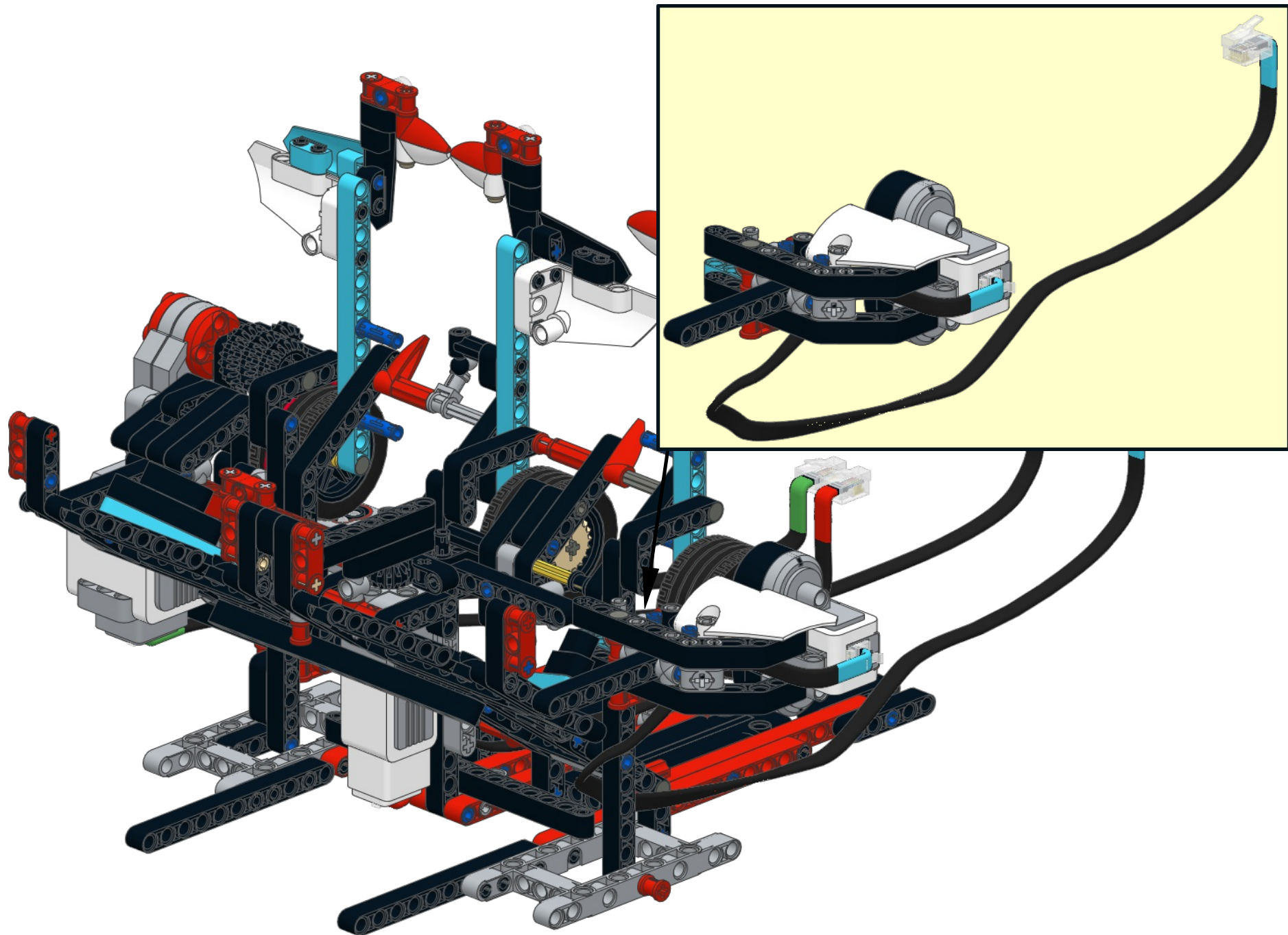


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44

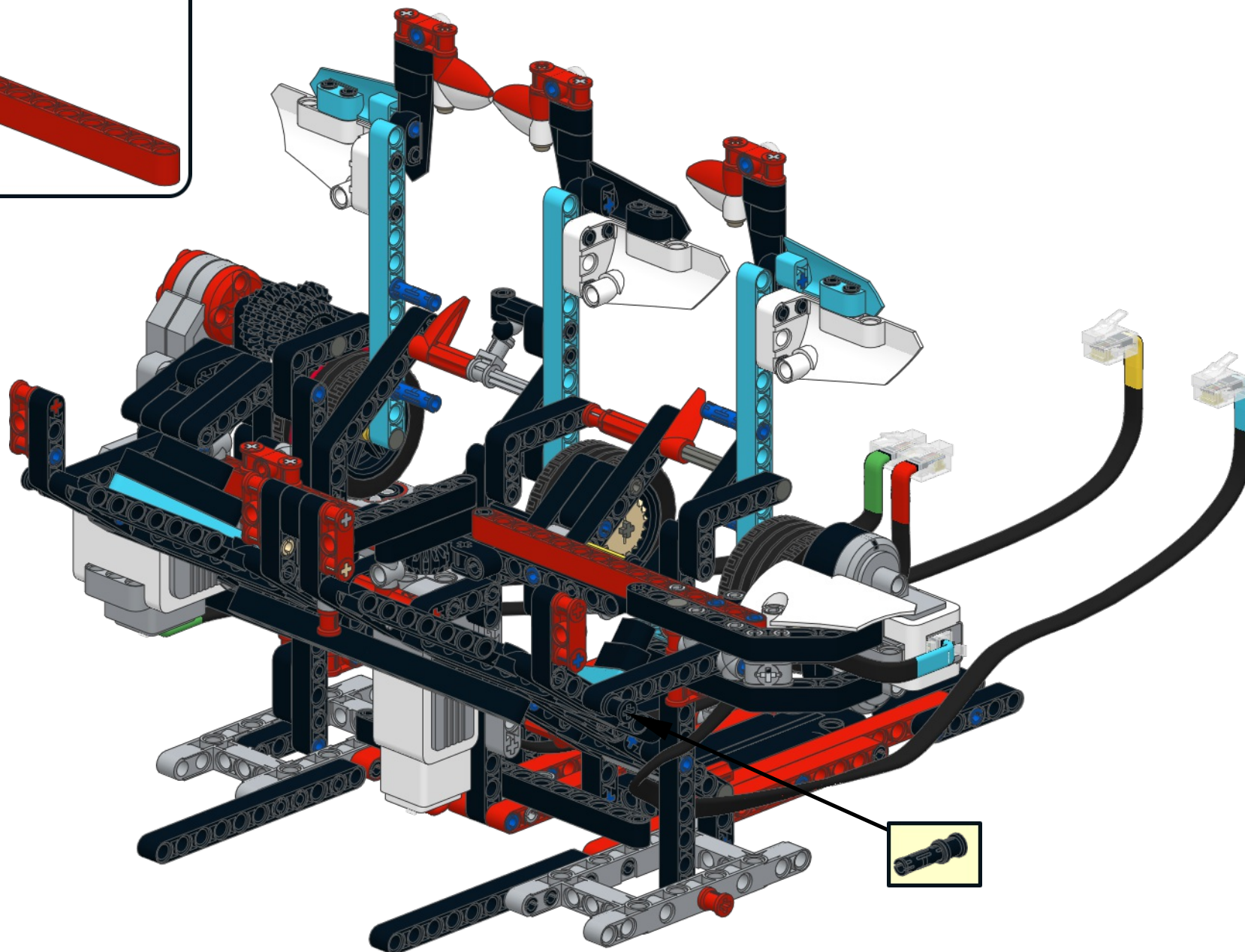


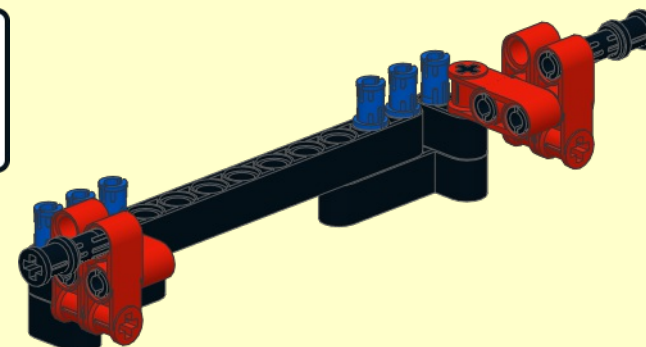
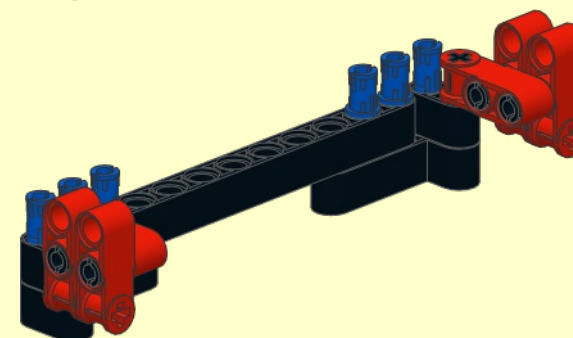
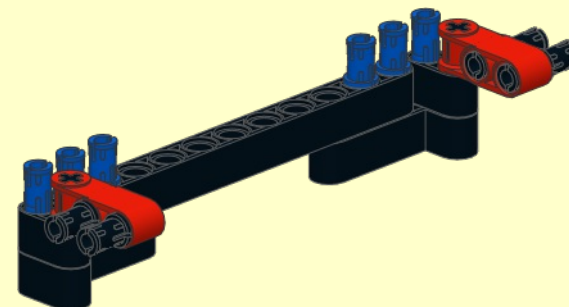
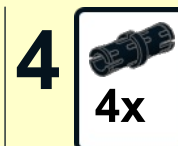
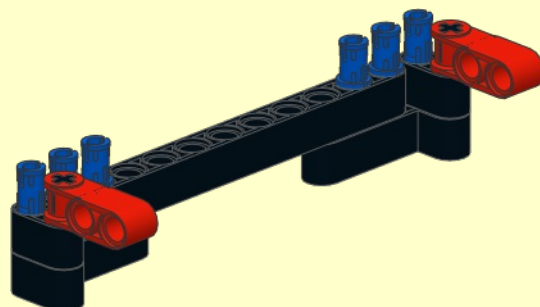
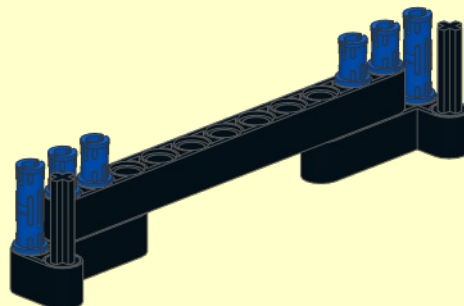
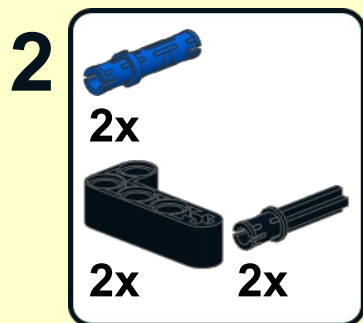
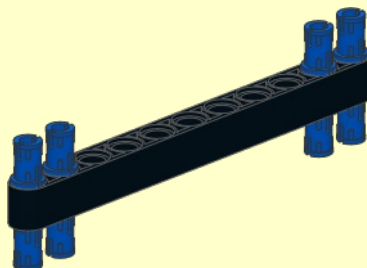
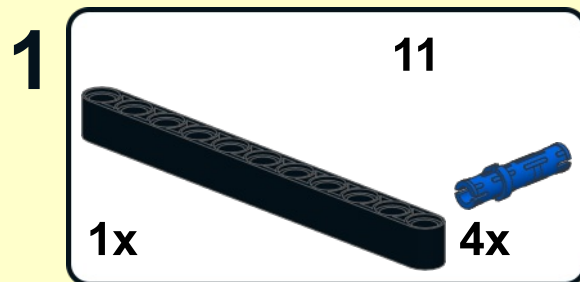
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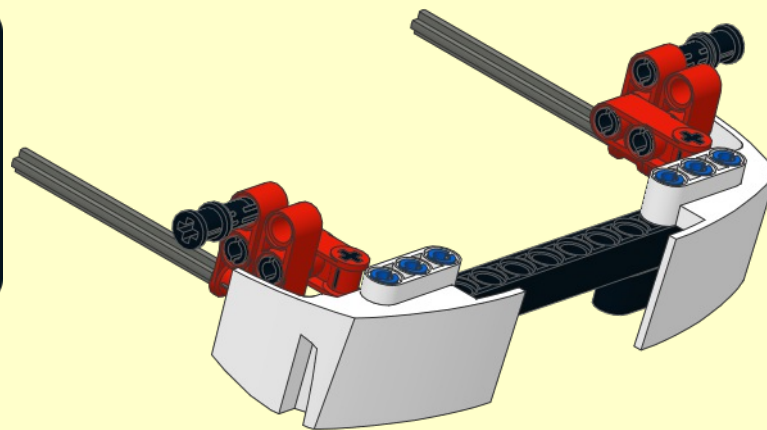
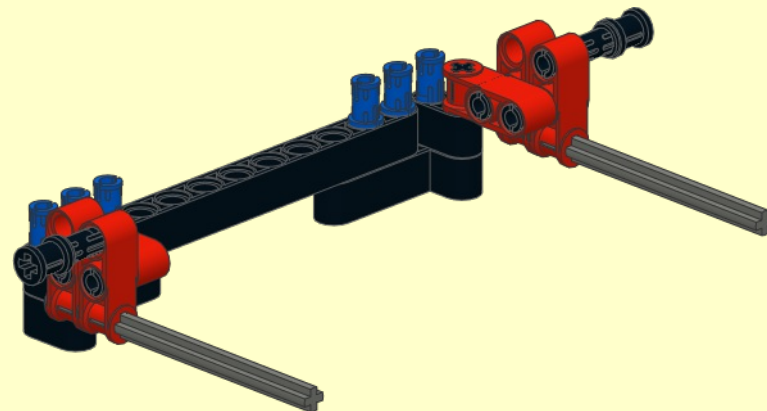
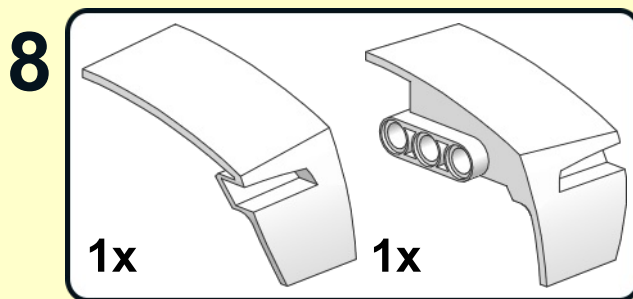
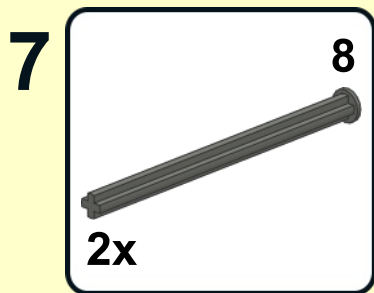
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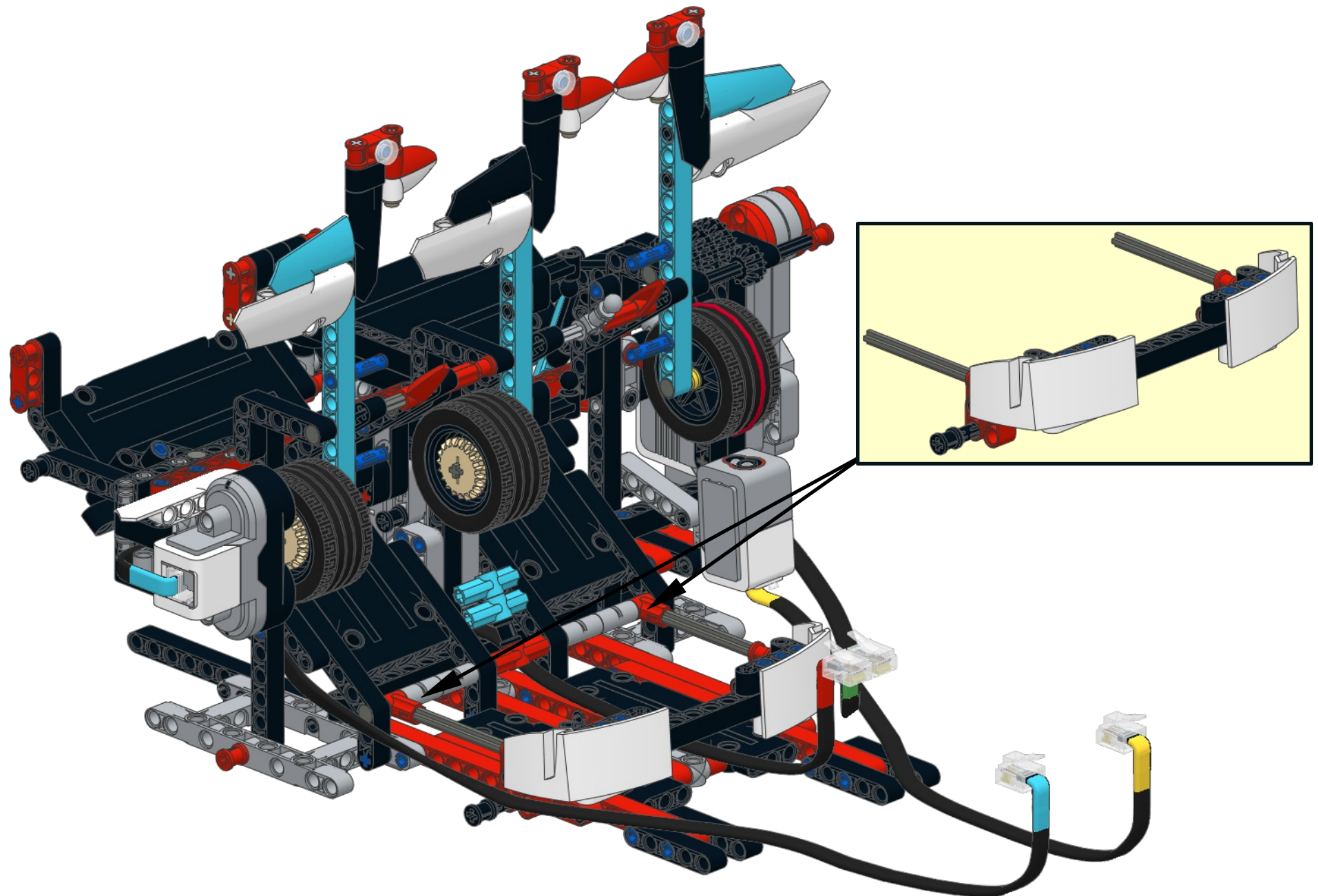


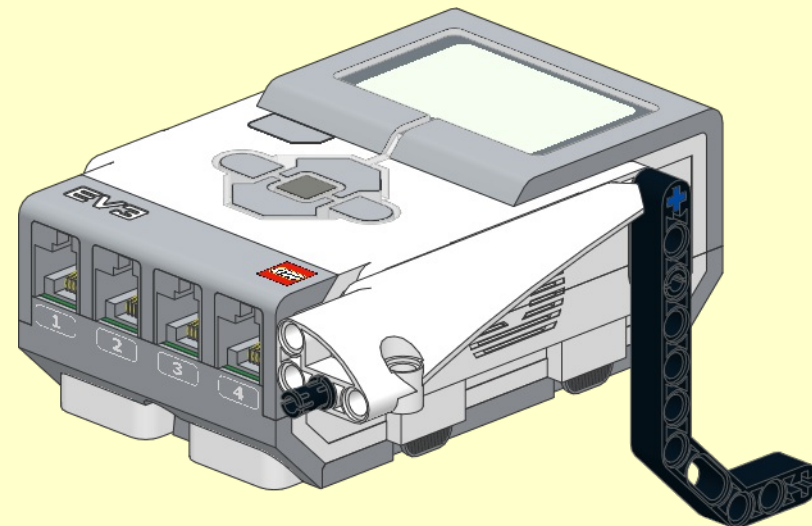
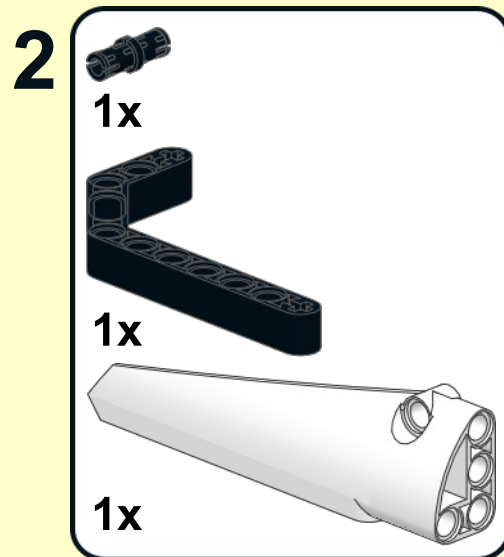
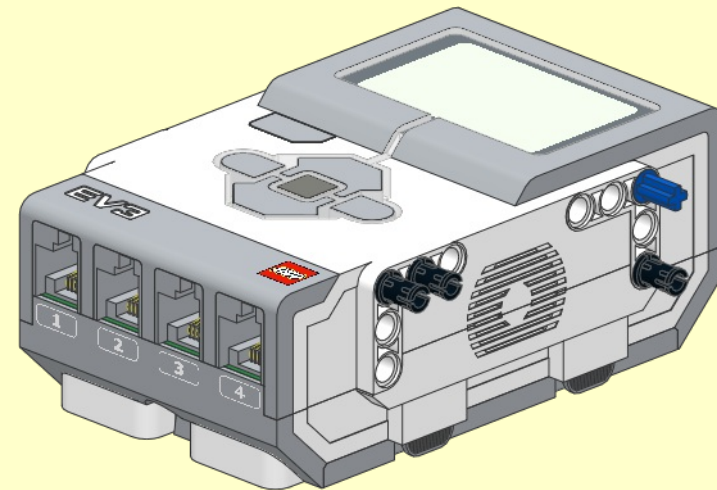
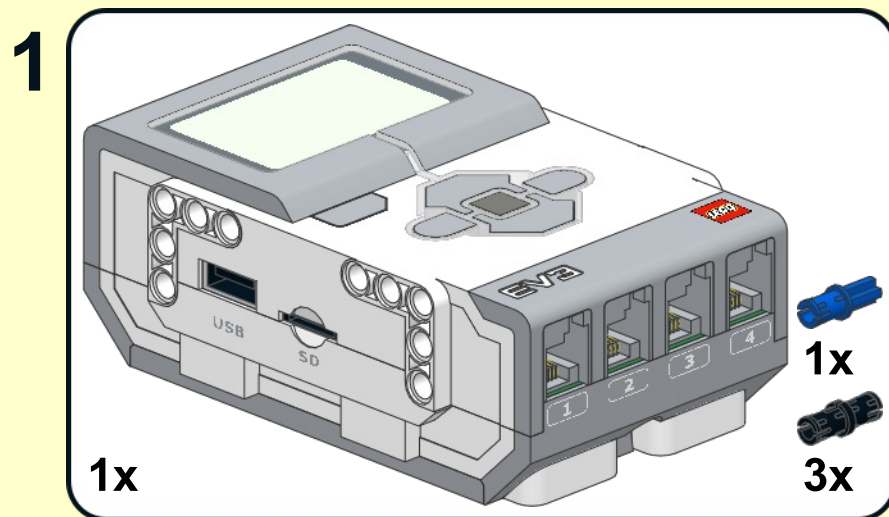
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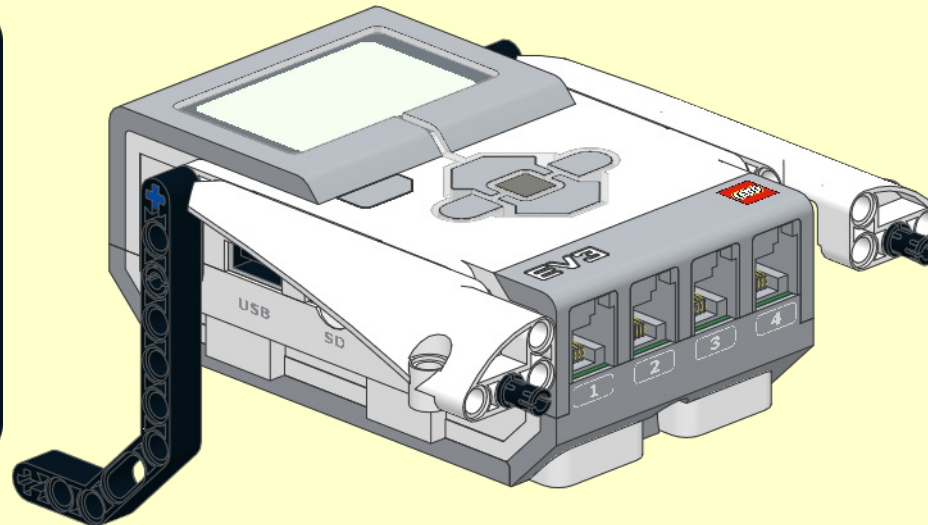
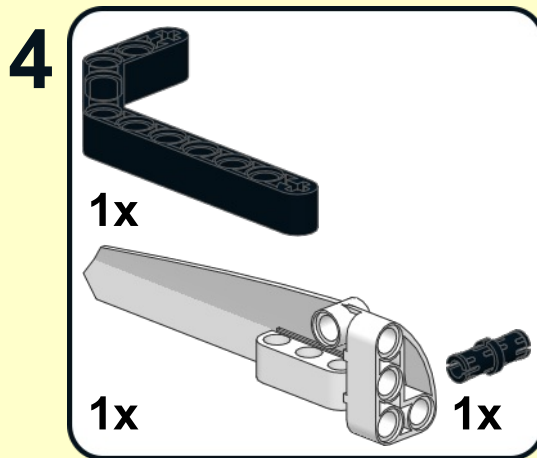
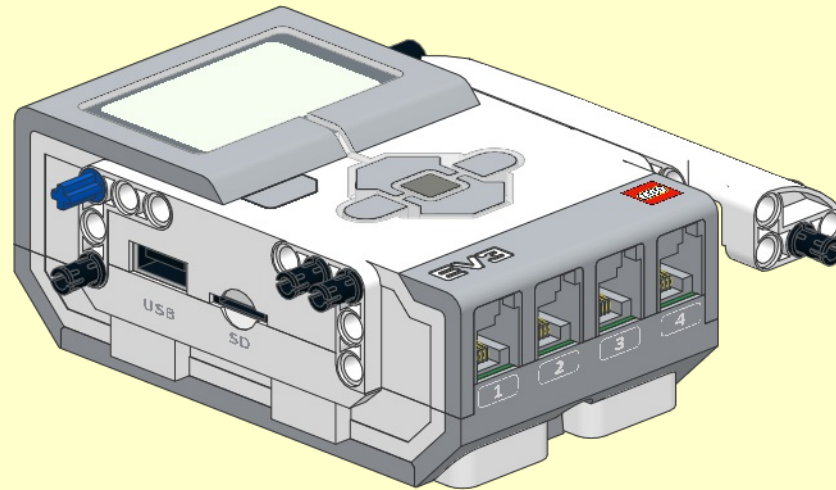
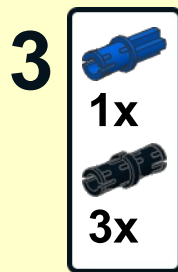




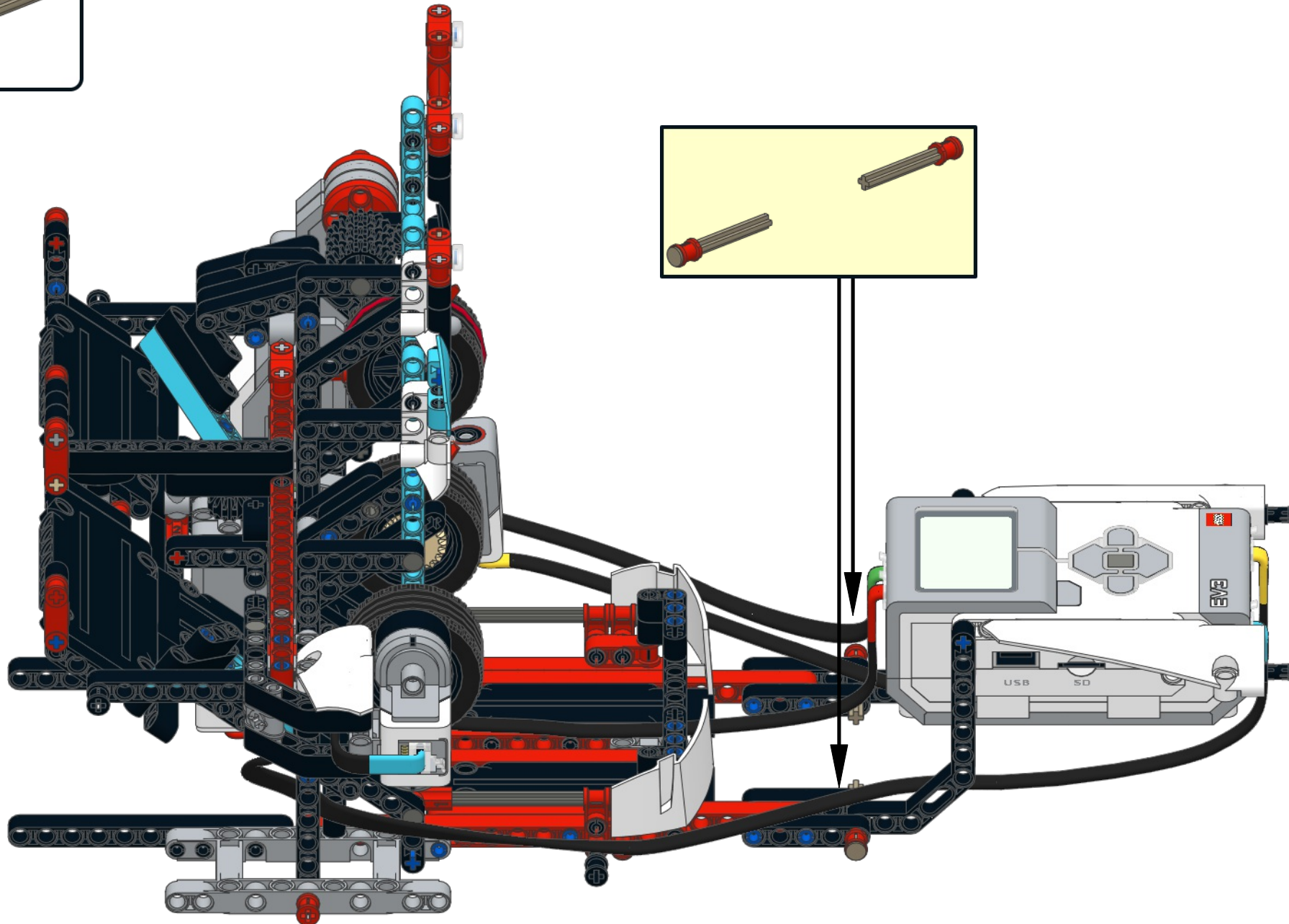
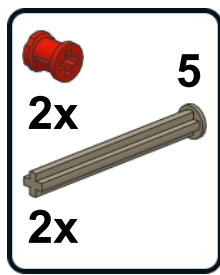








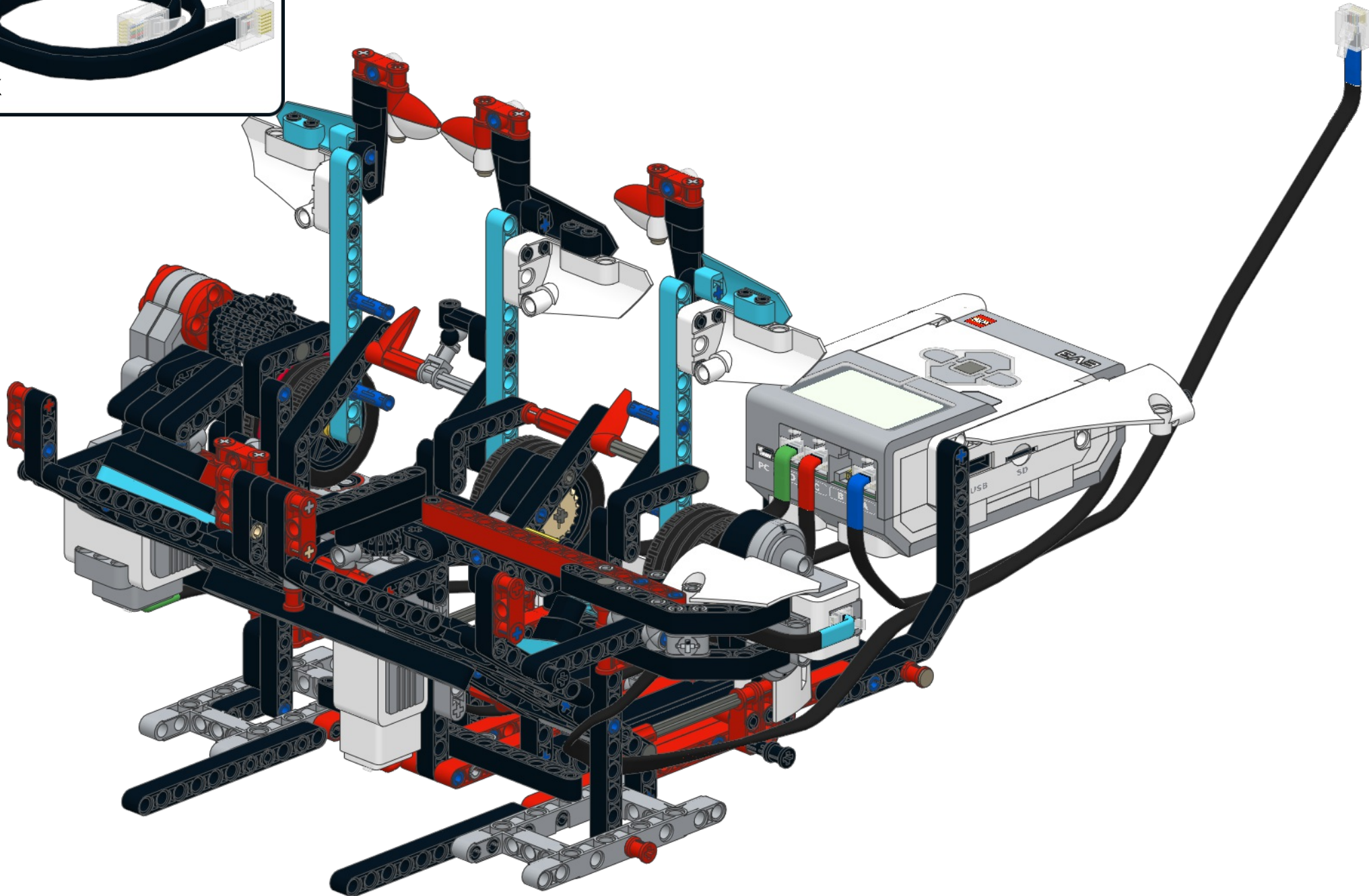
46



47

35 cm

1x

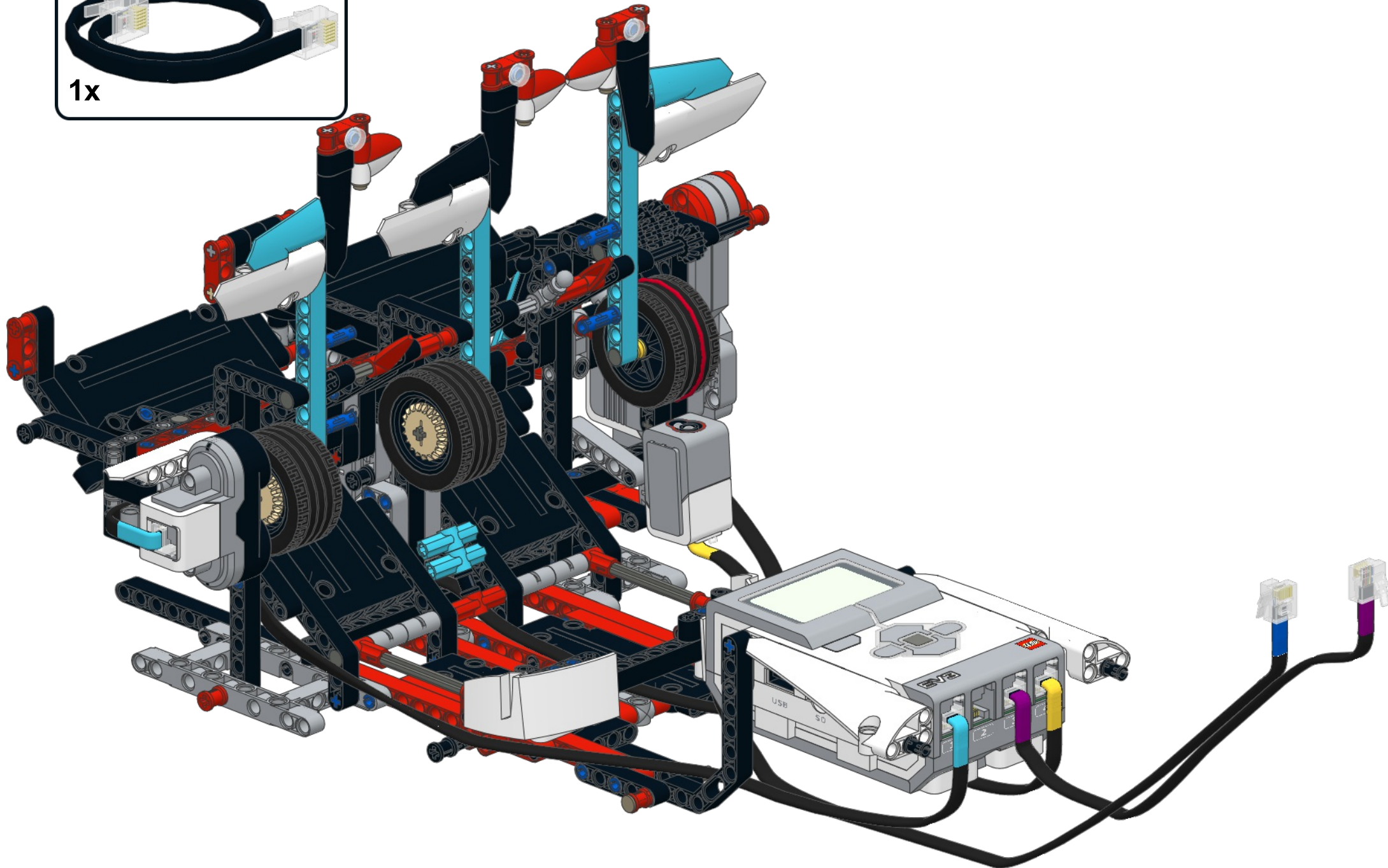


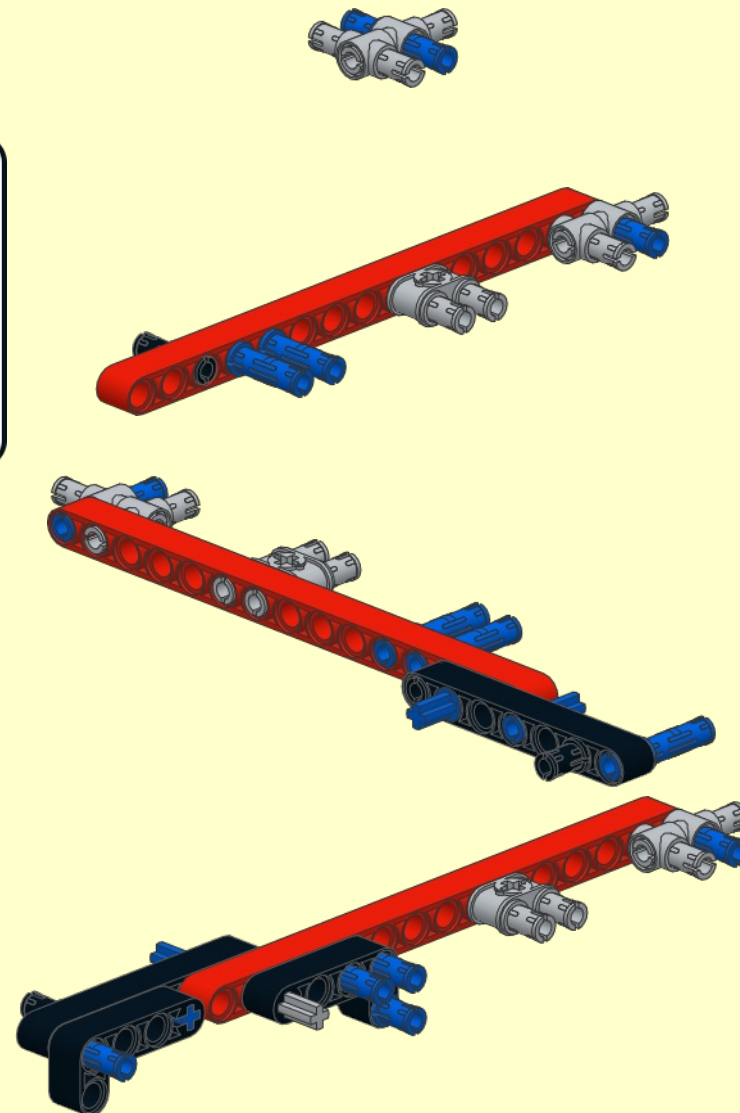
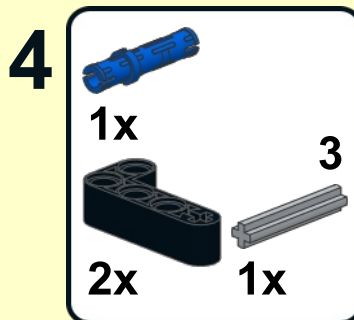
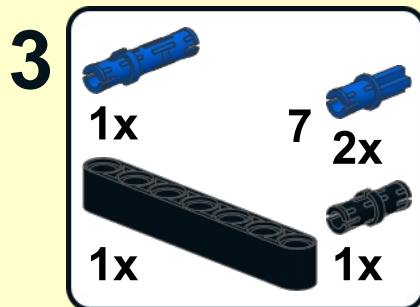
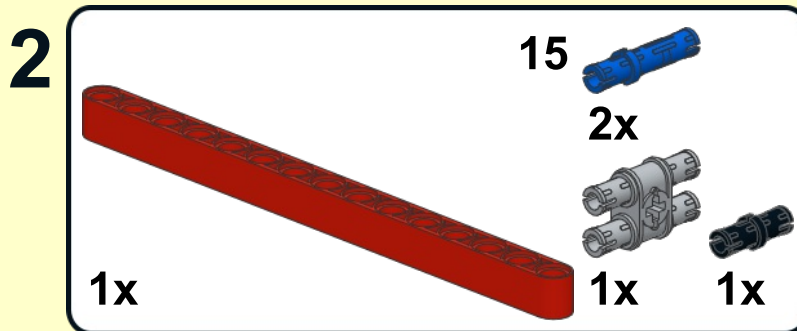
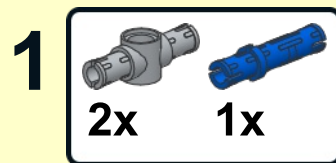
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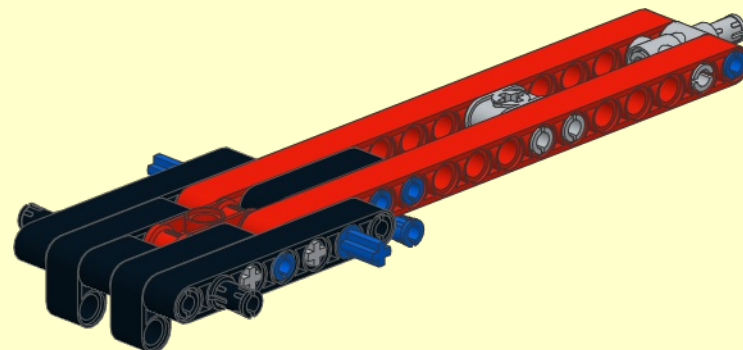
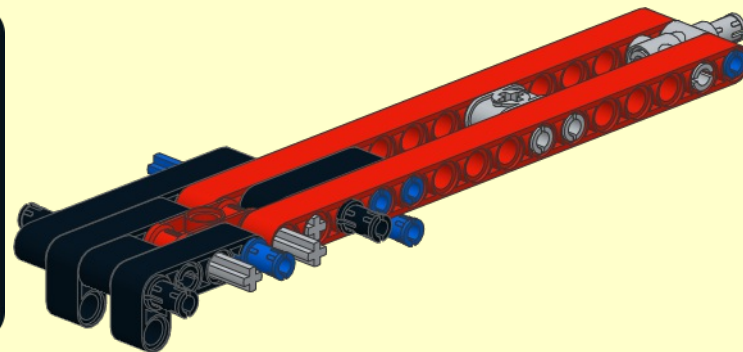
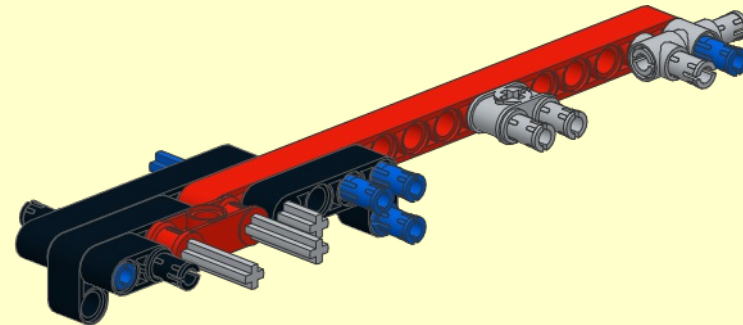
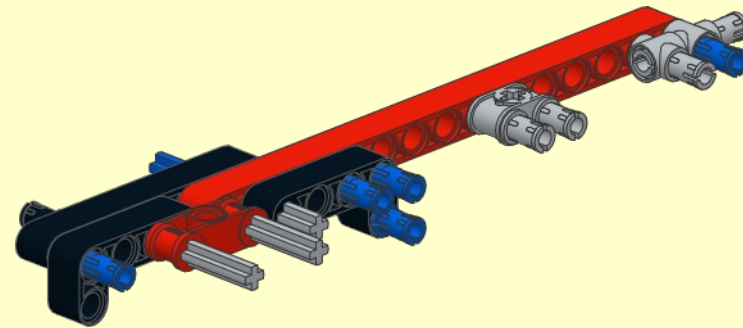
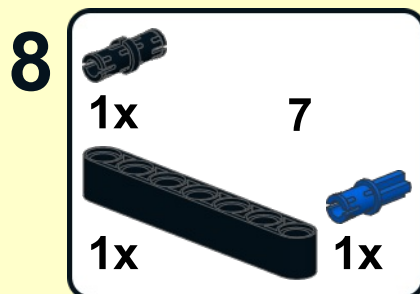
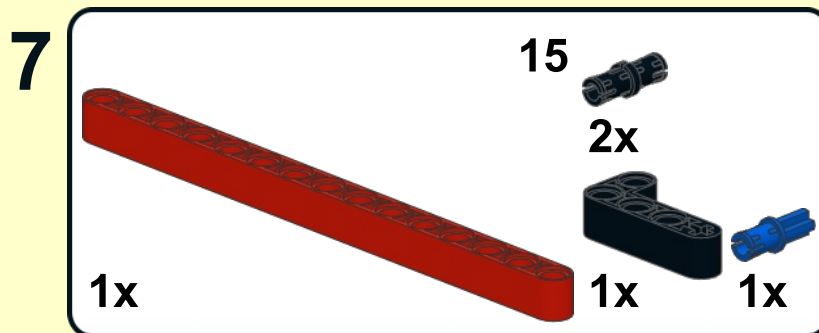
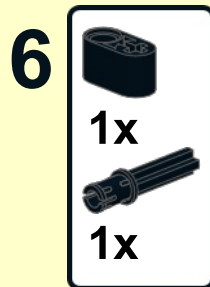
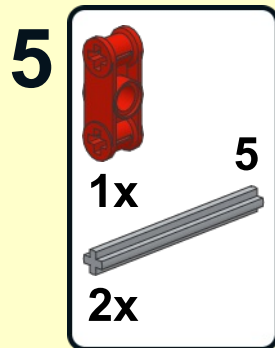
25 cm



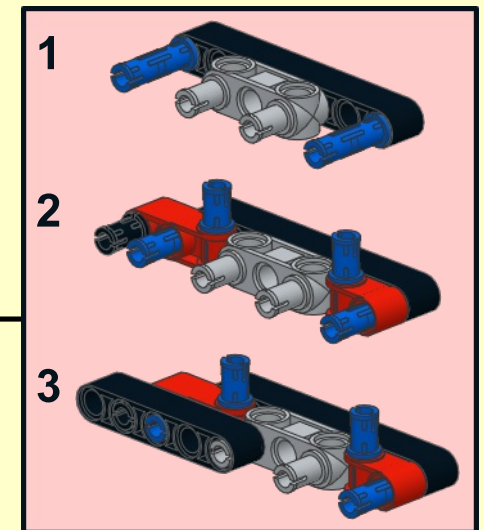
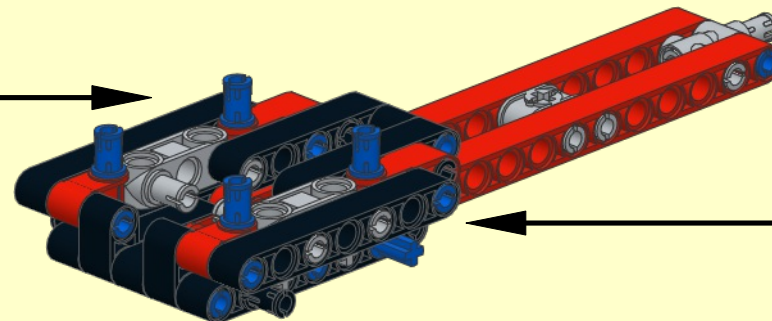
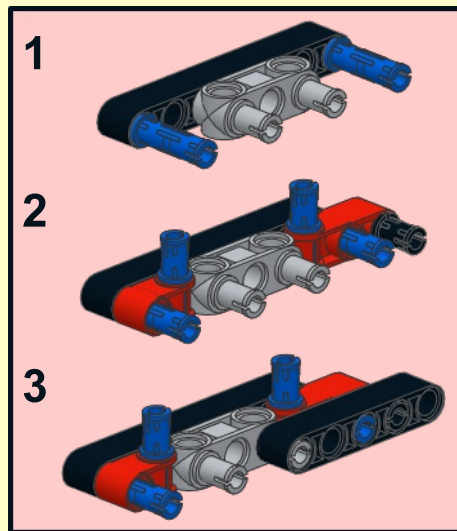
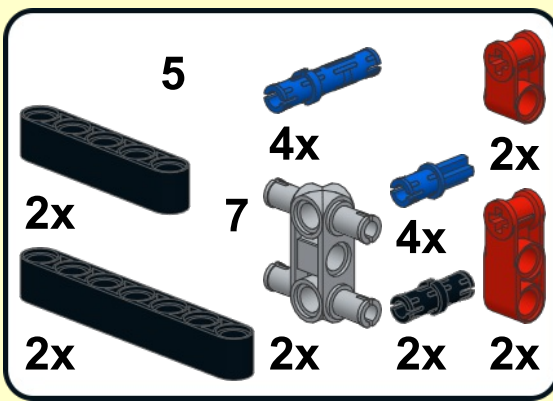
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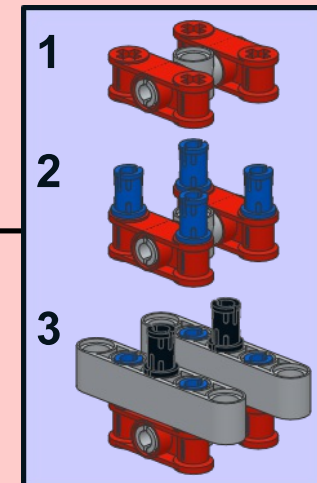
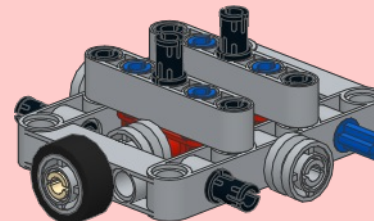
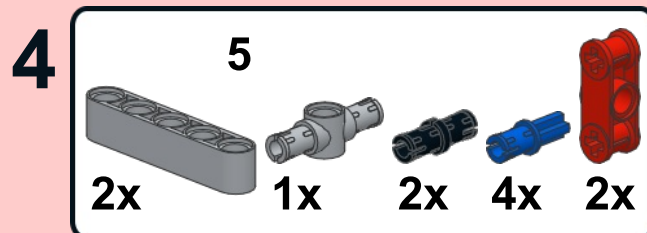
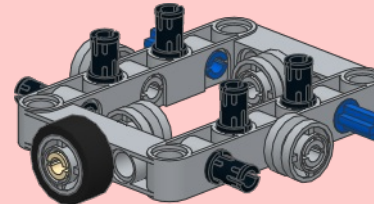
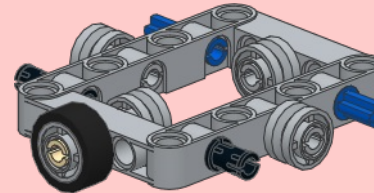
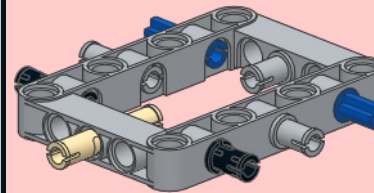
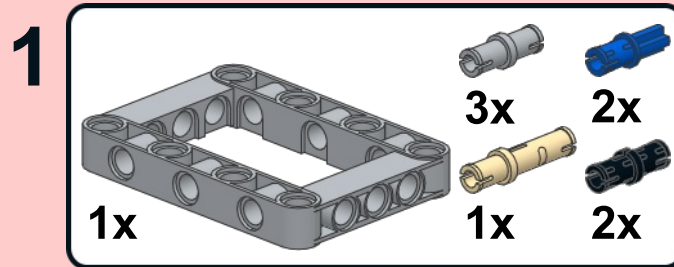


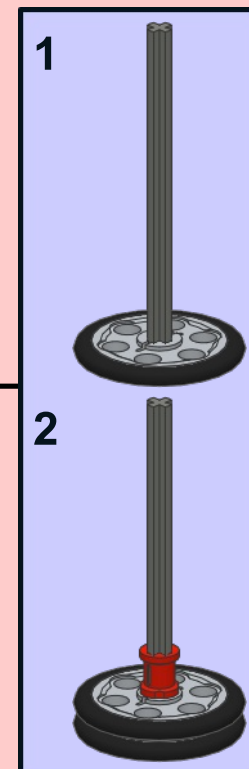
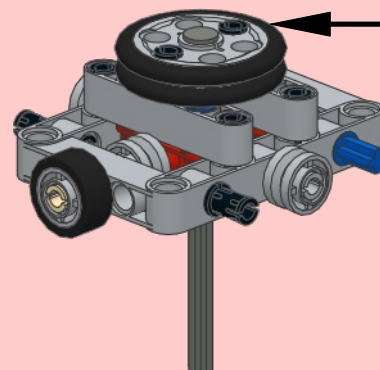
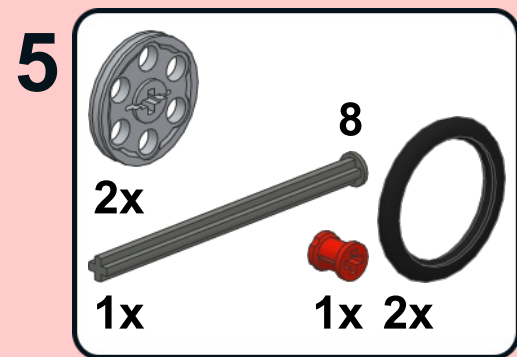




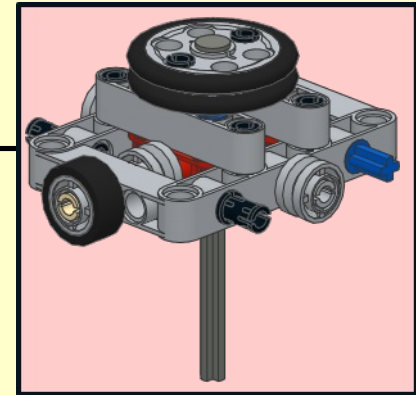
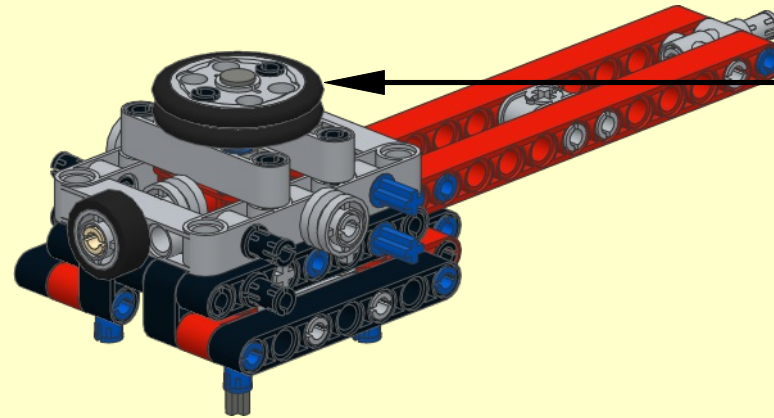
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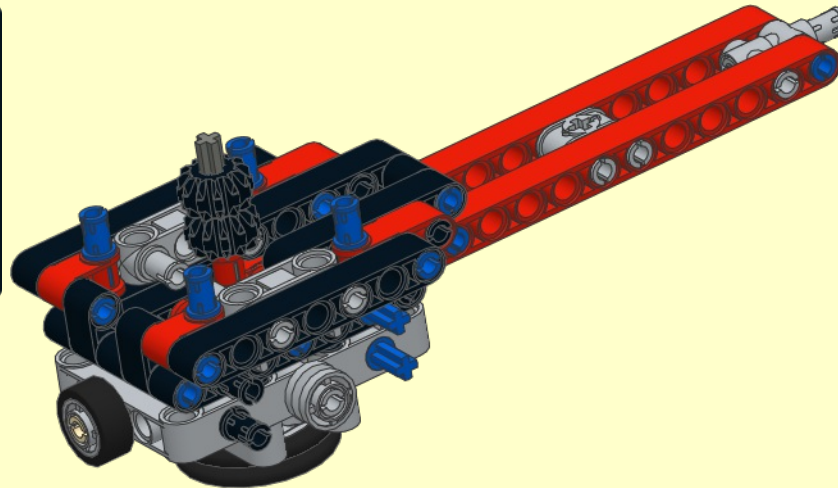


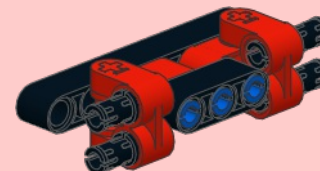
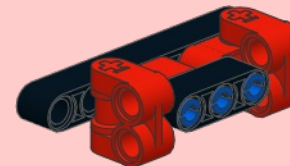
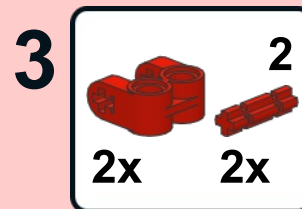
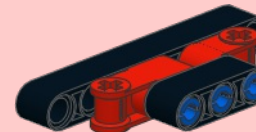
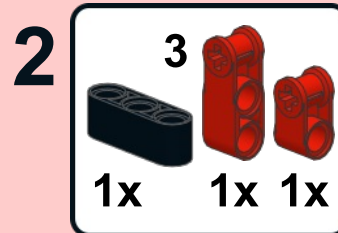
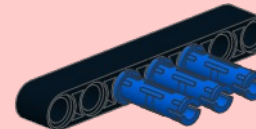
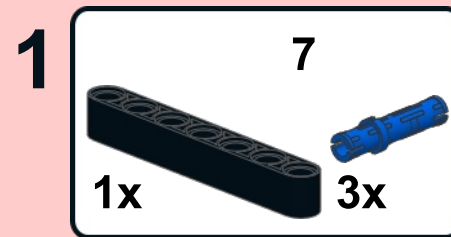


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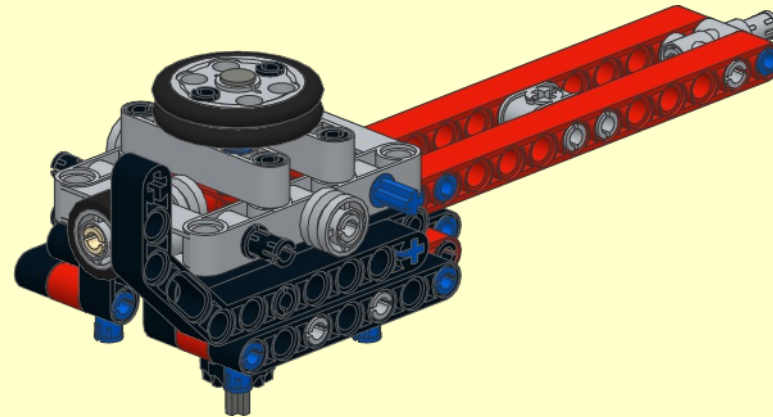
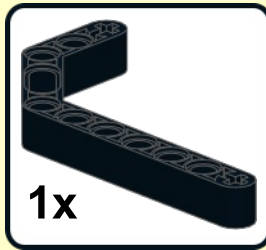


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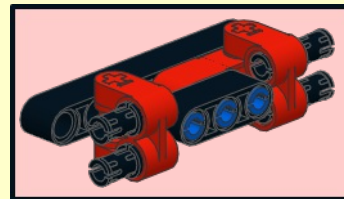
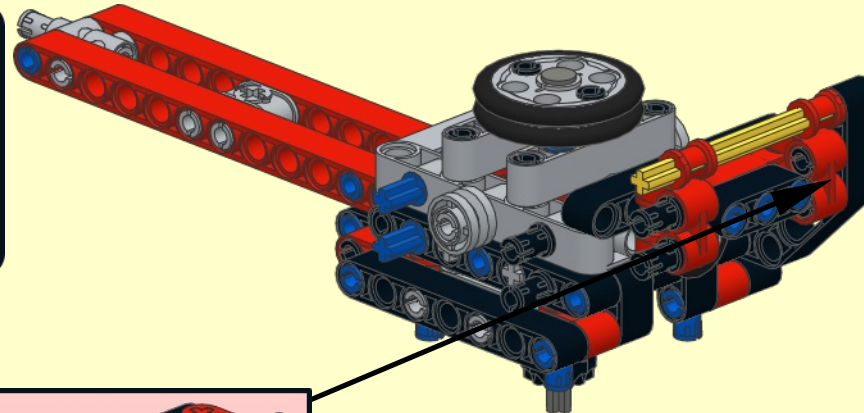
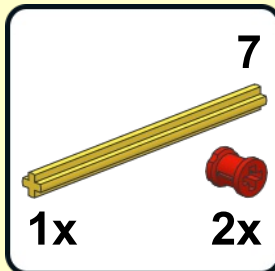


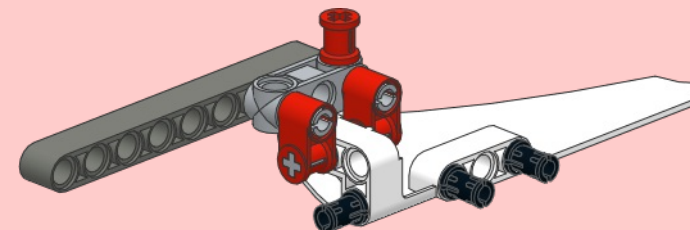
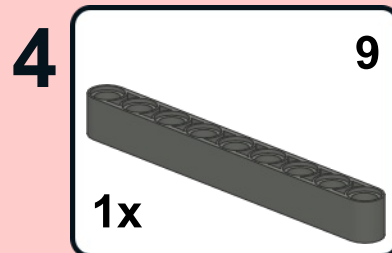
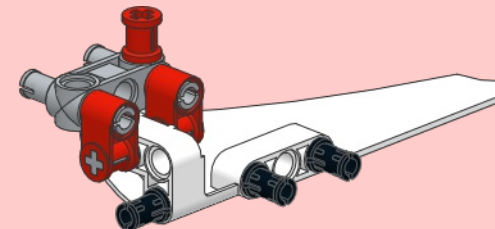
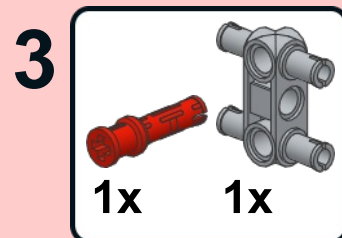
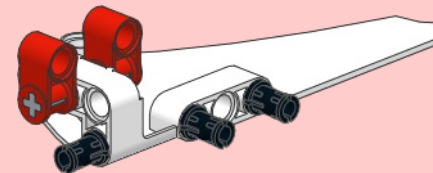
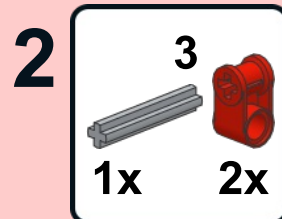
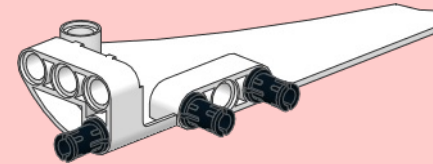
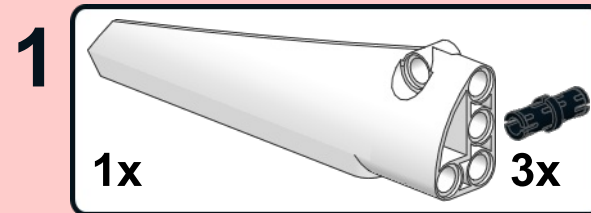


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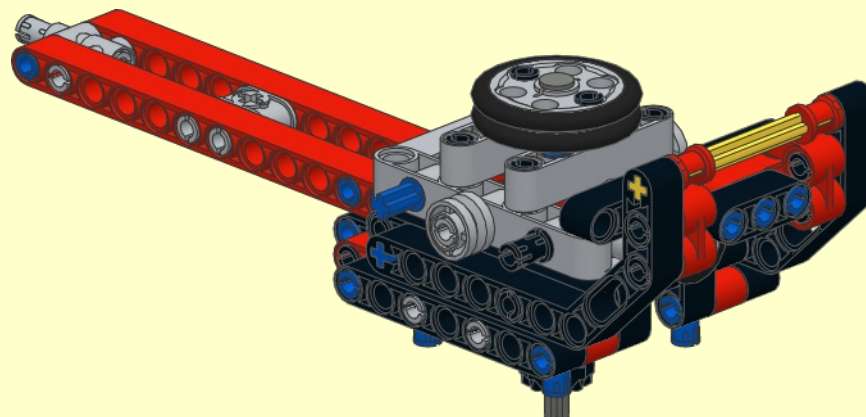
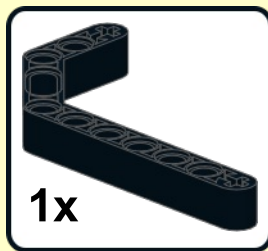


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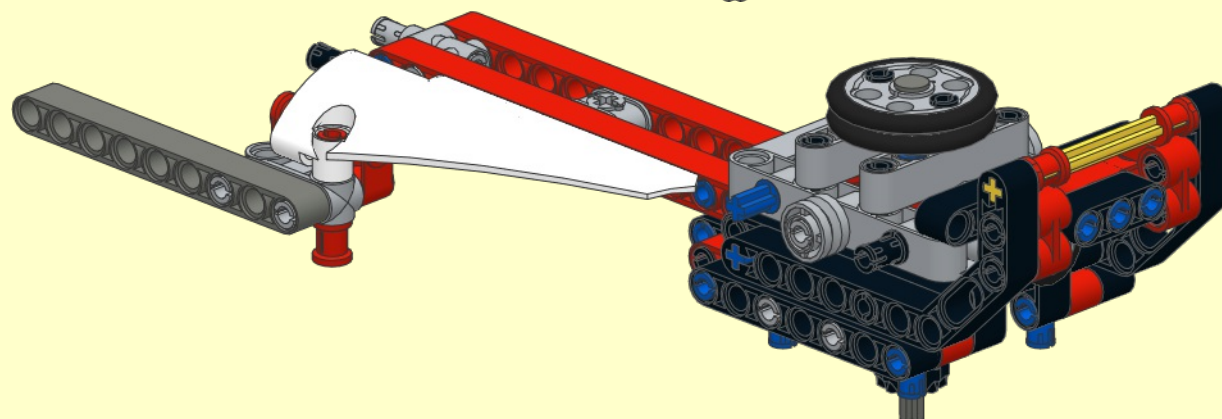


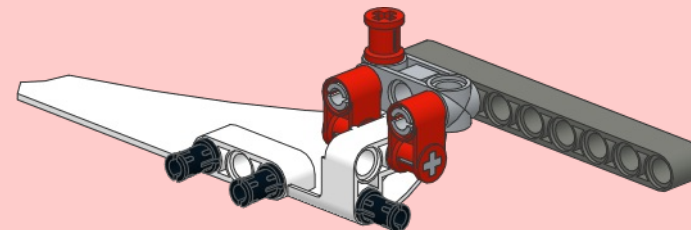
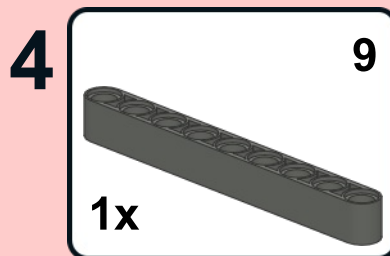
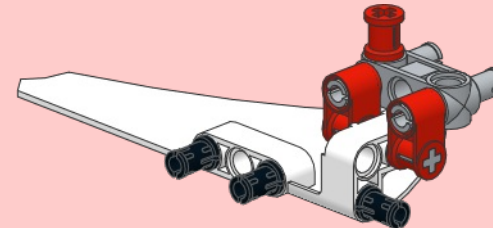
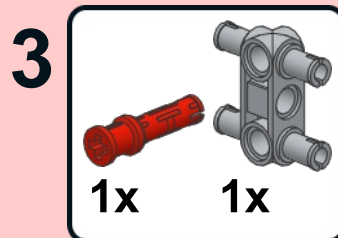
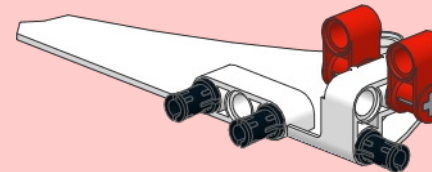
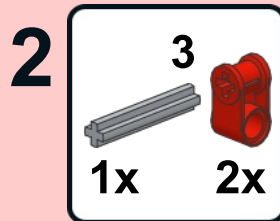
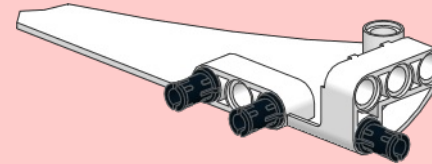
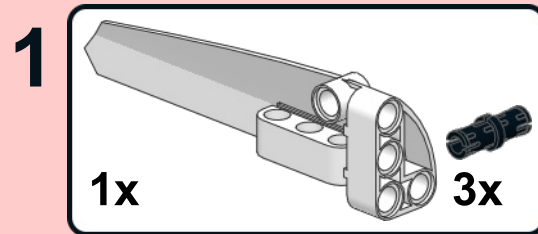


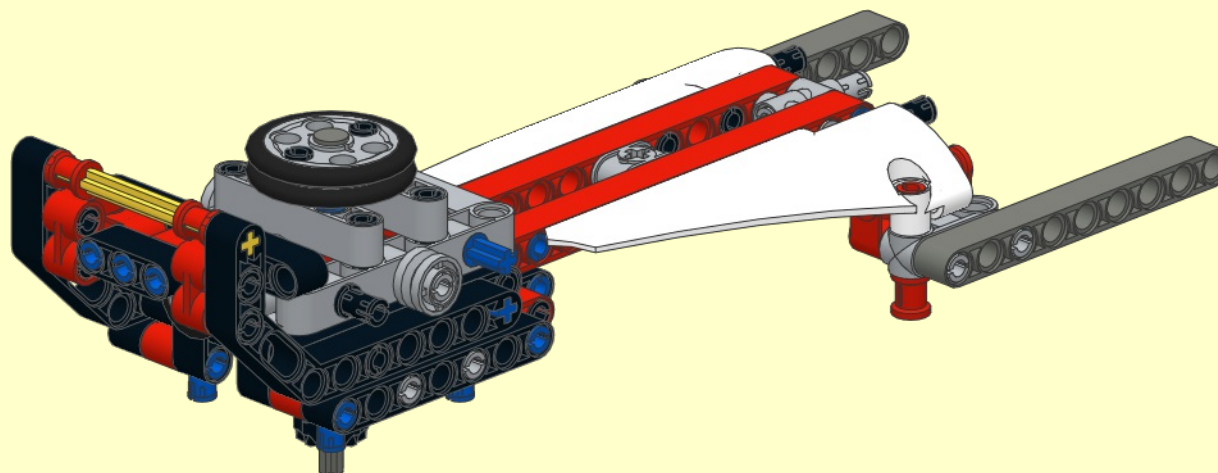
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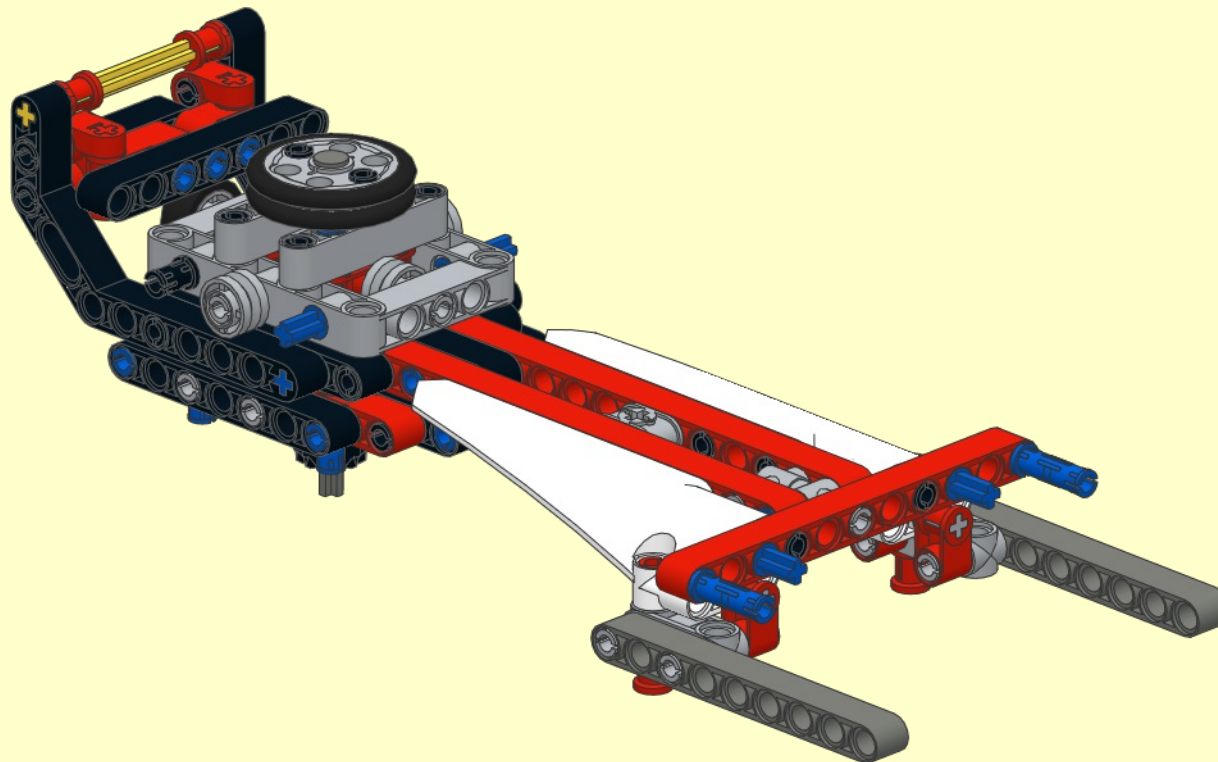
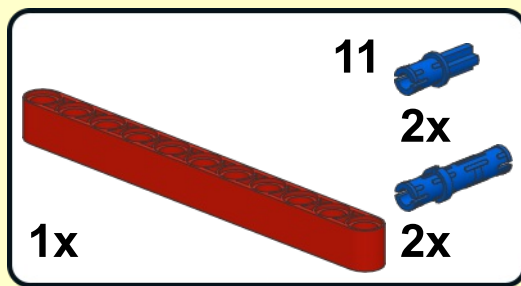
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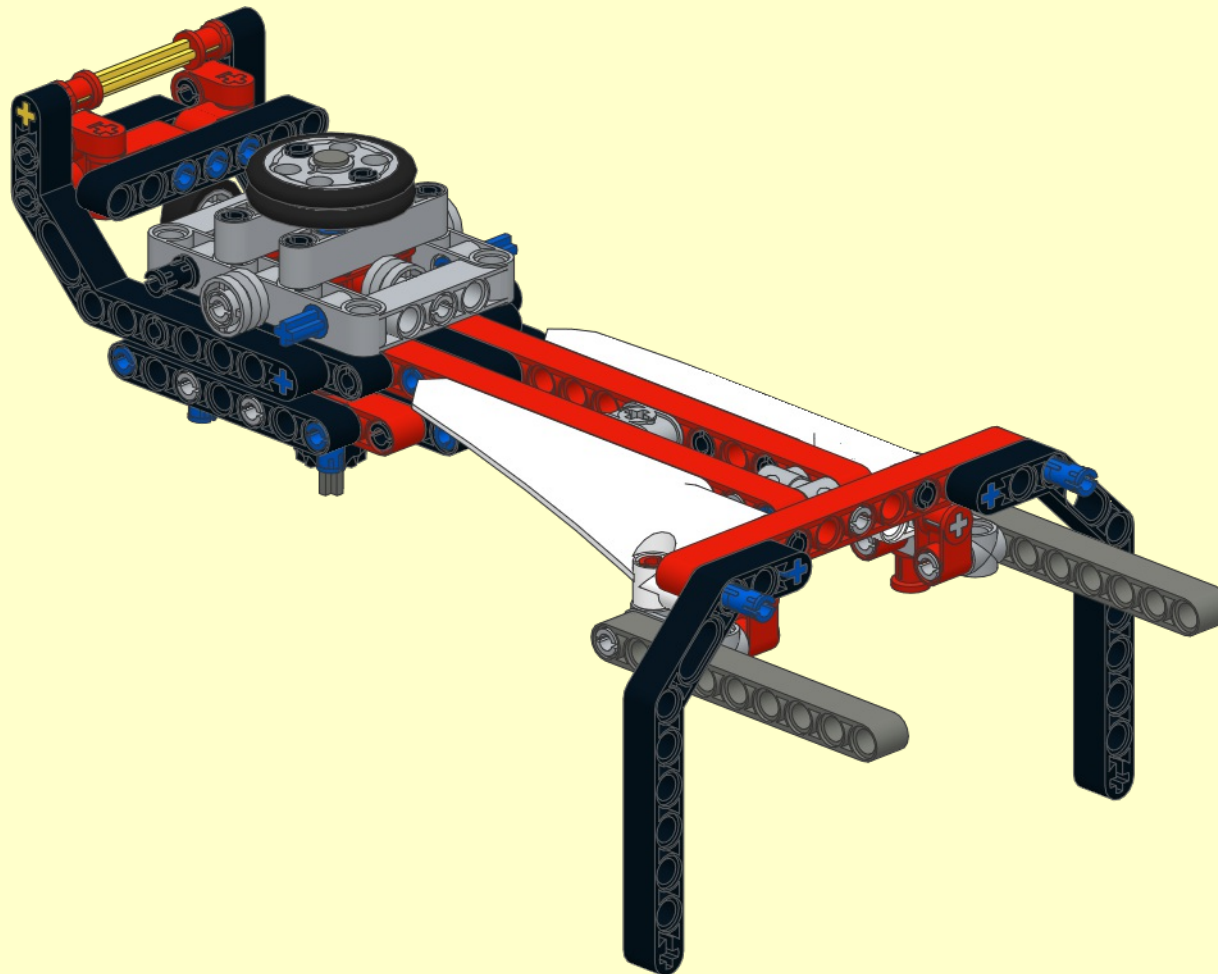
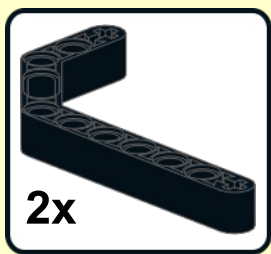


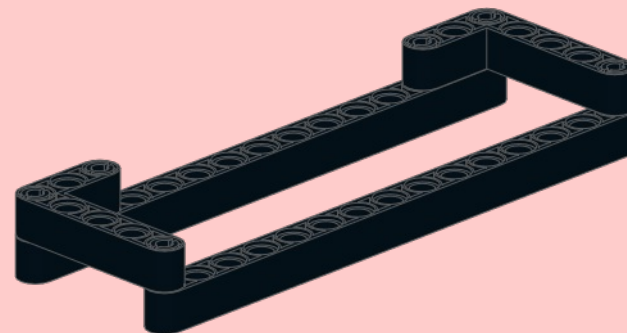
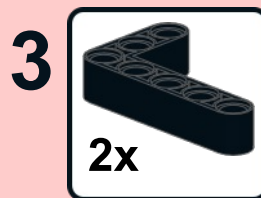
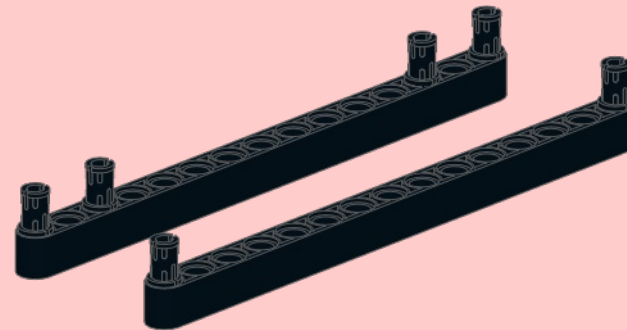
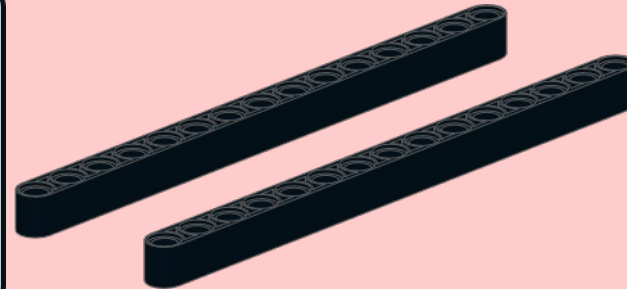
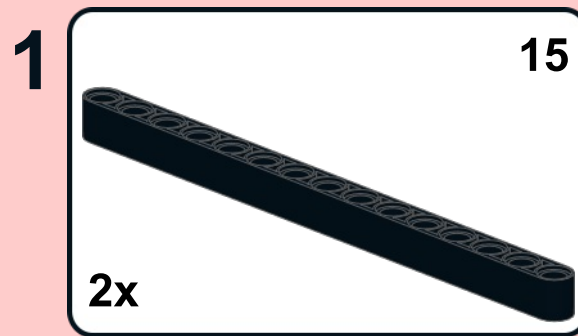


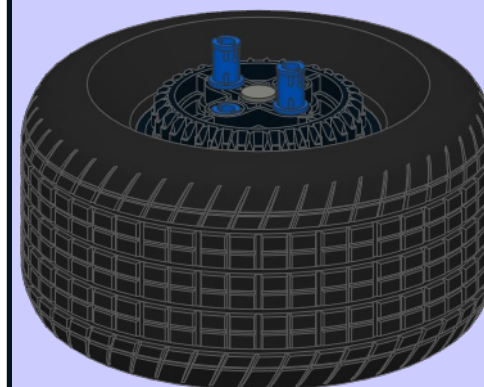
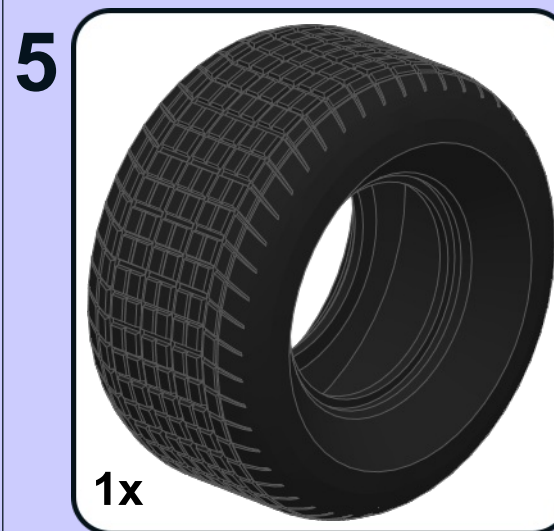
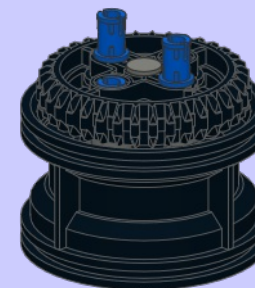
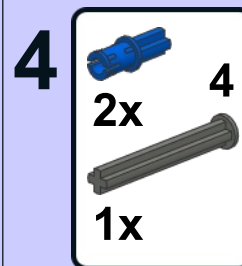
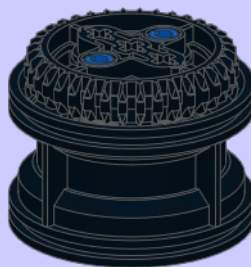
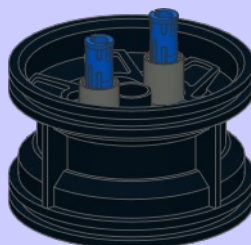
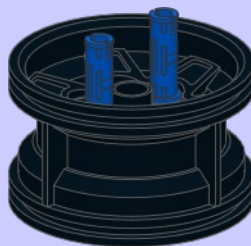
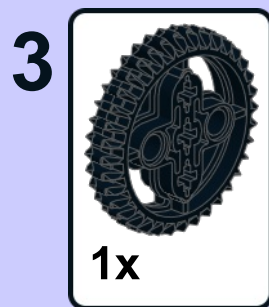
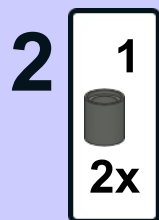
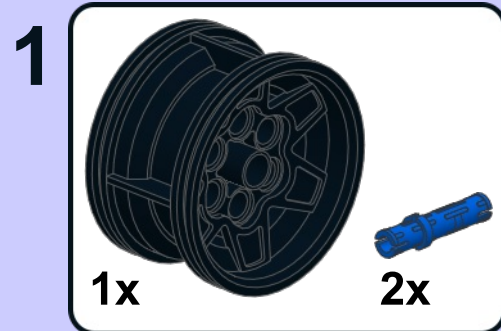
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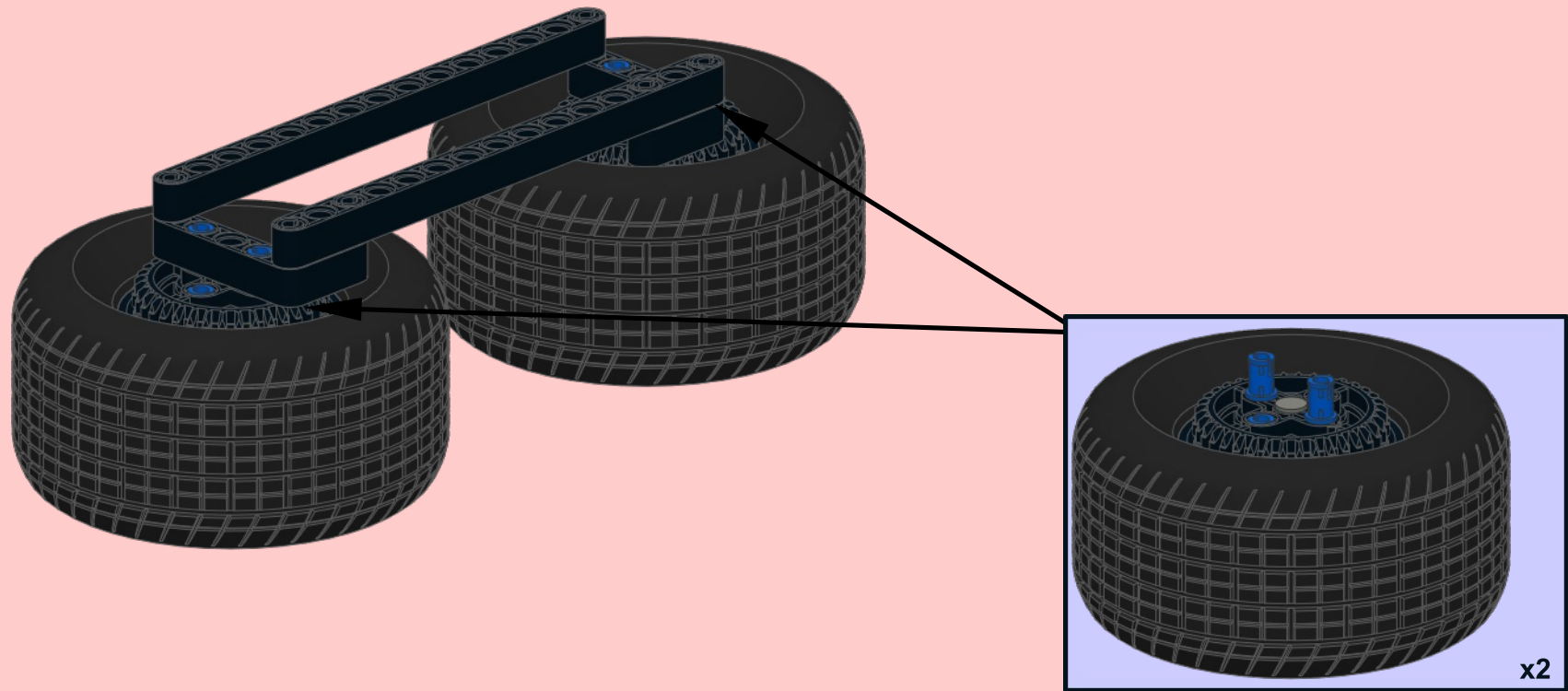


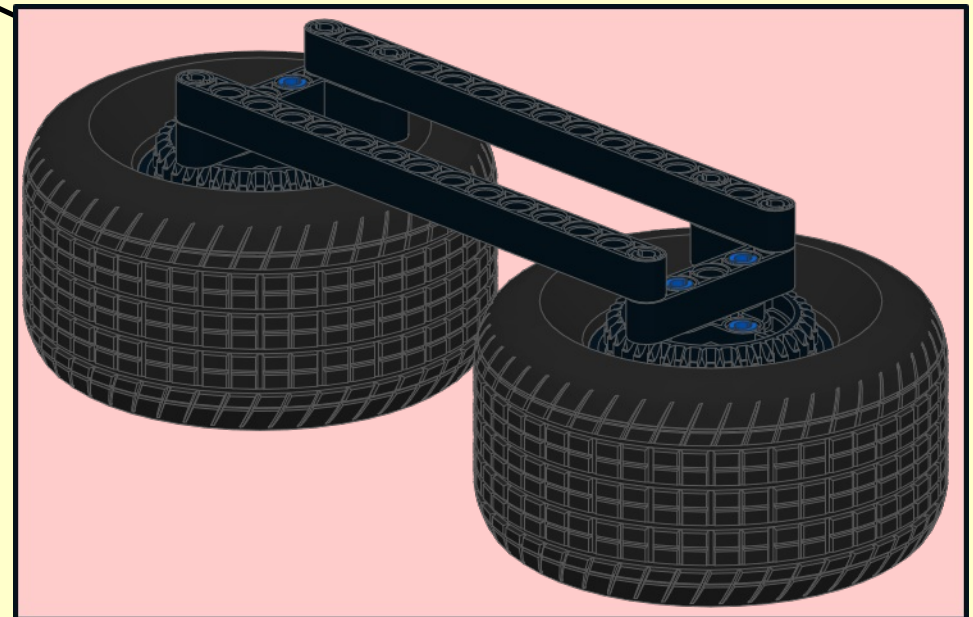
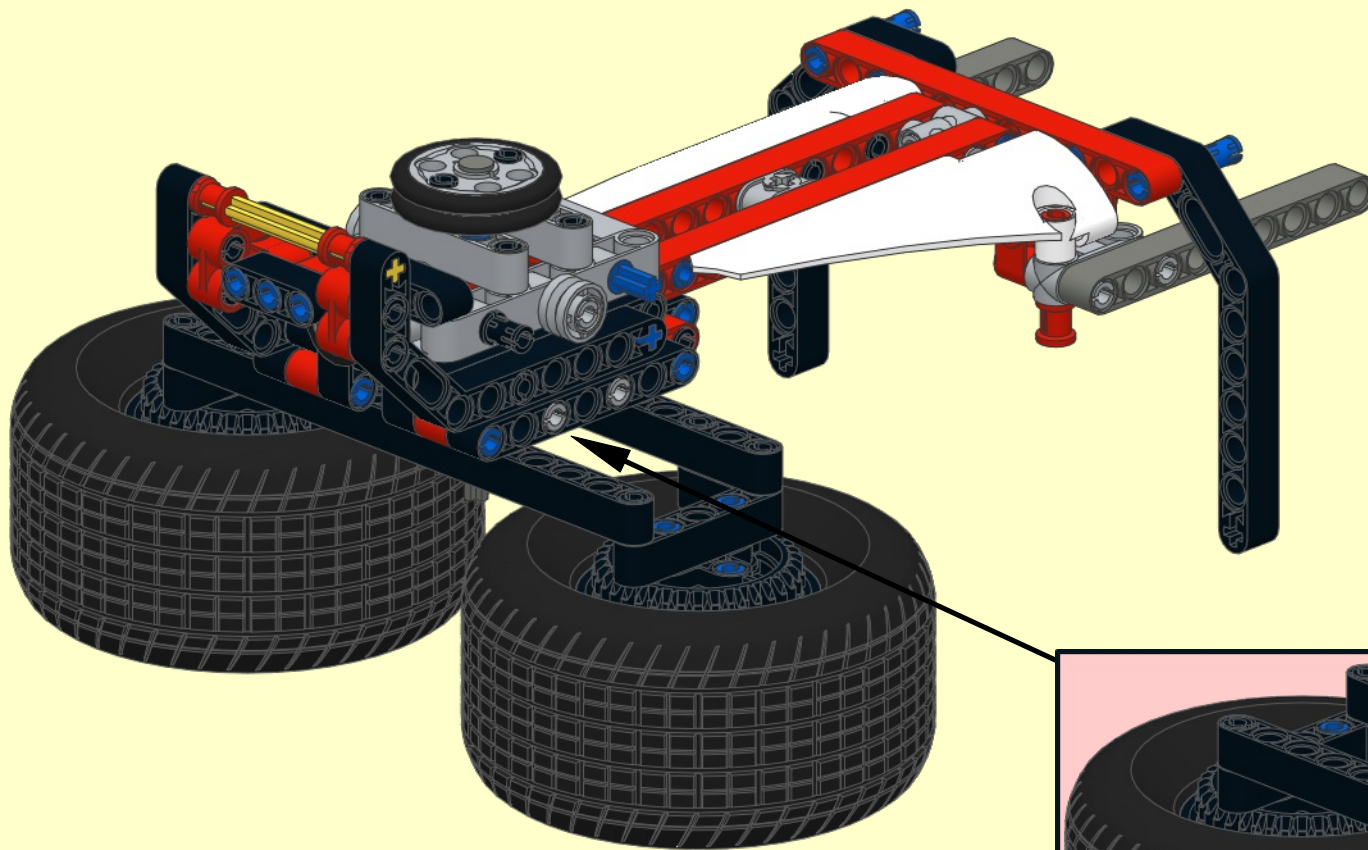
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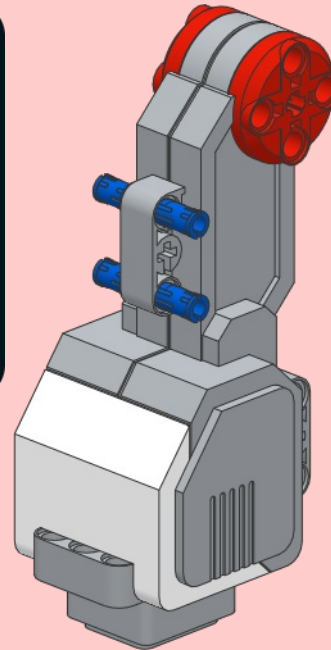
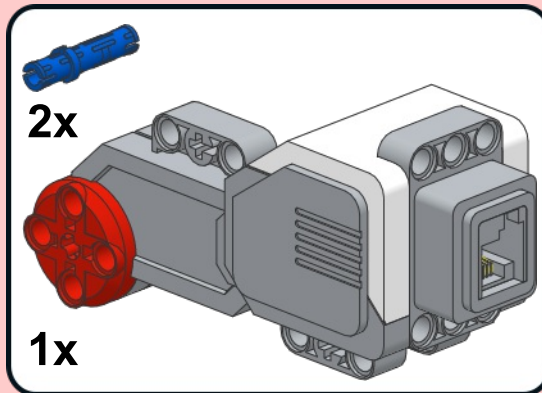




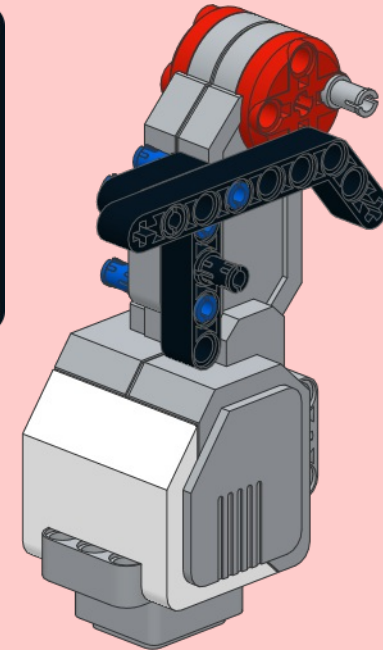
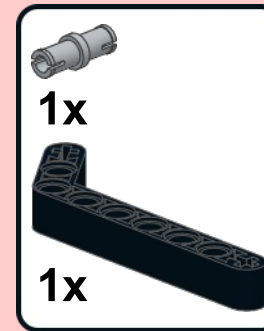




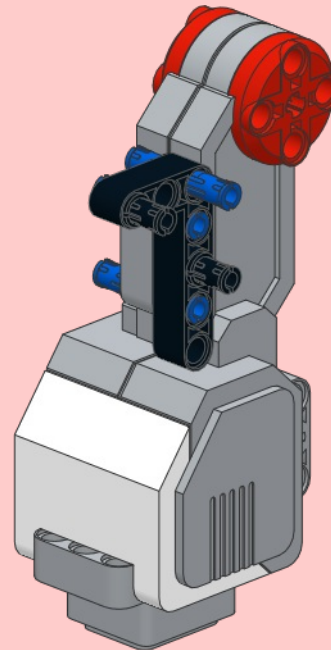
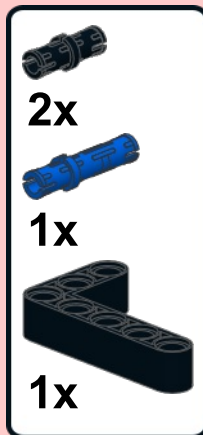
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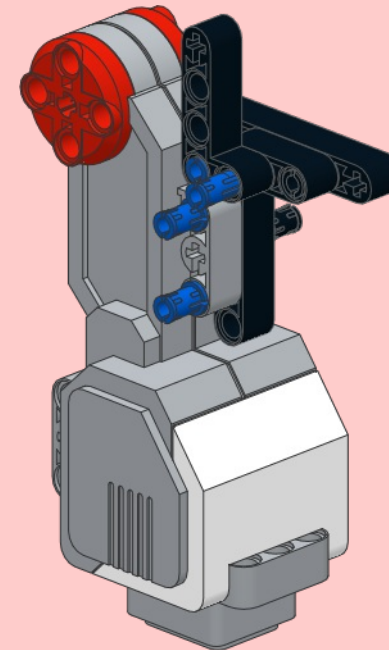
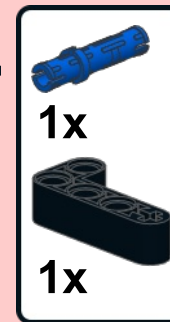
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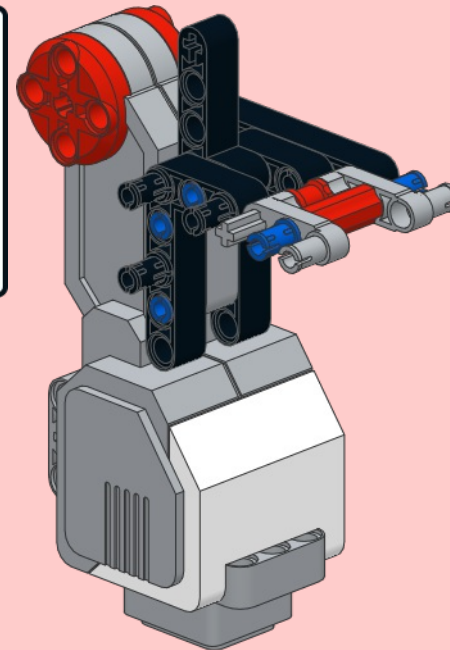
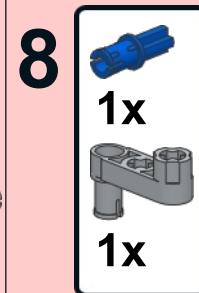
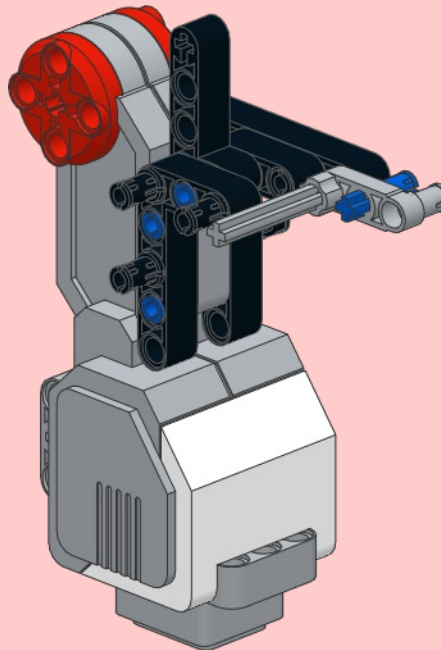
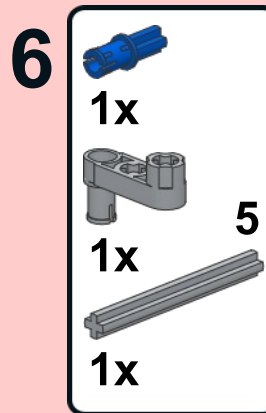
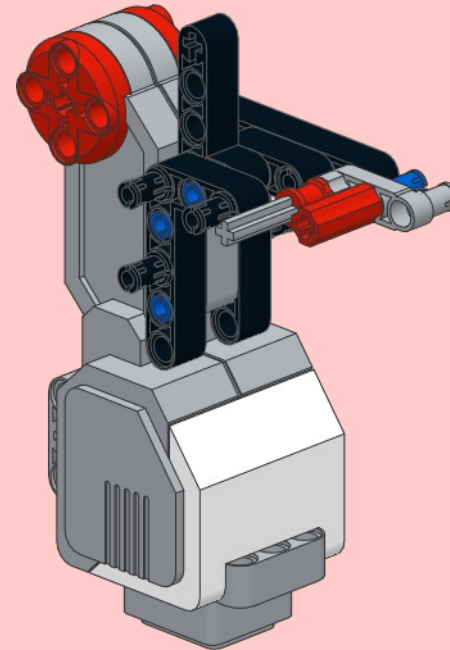
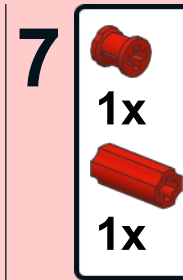
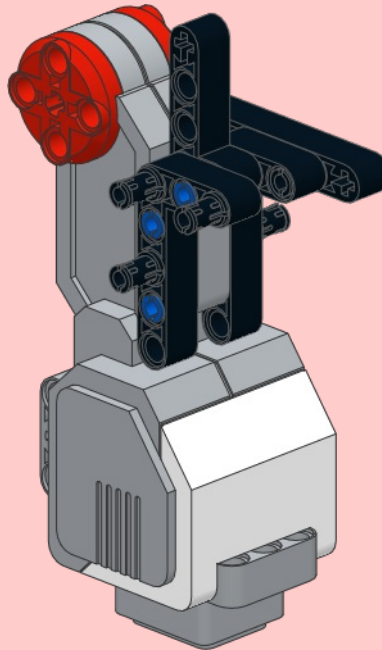
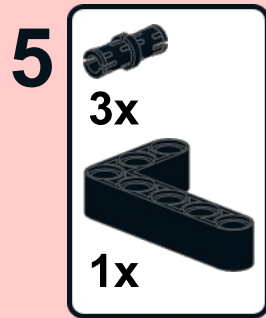


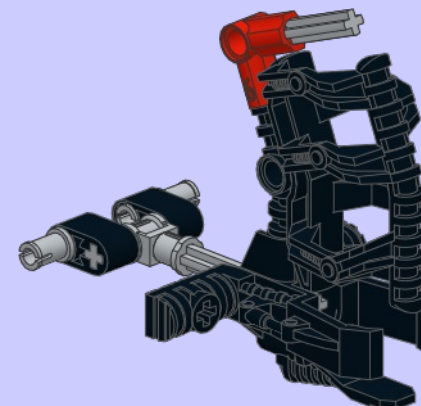
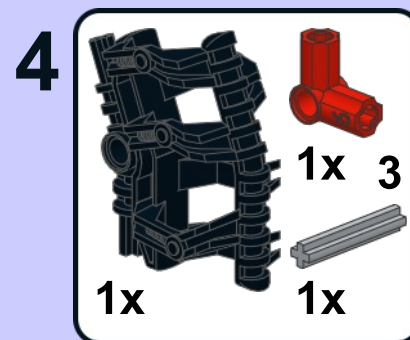
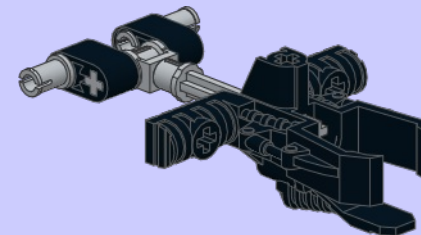
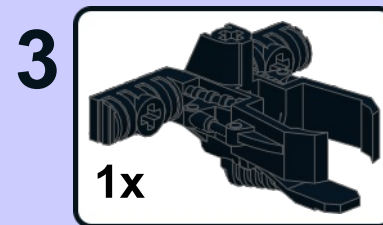
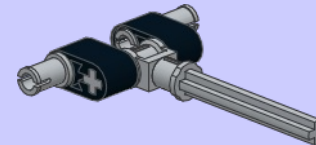
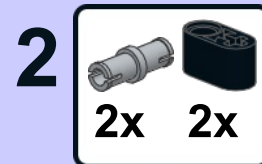
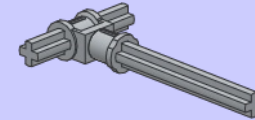
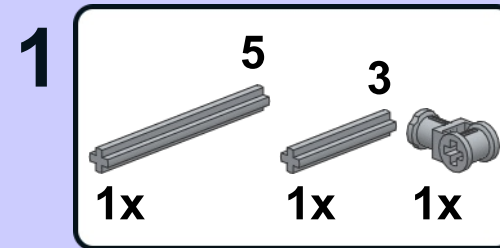
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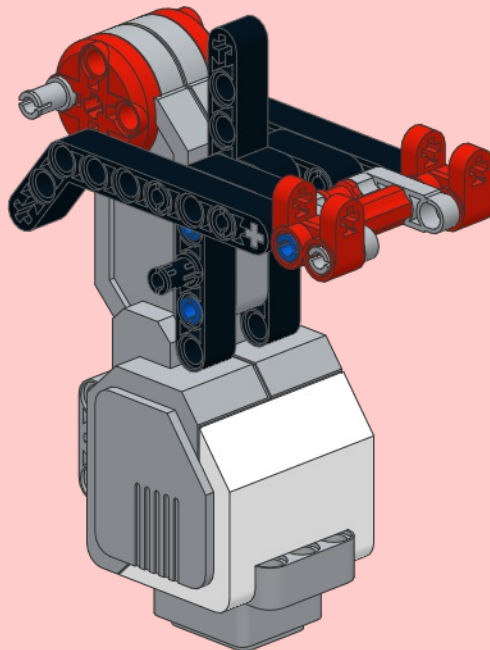
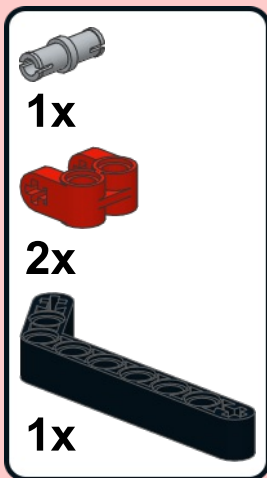
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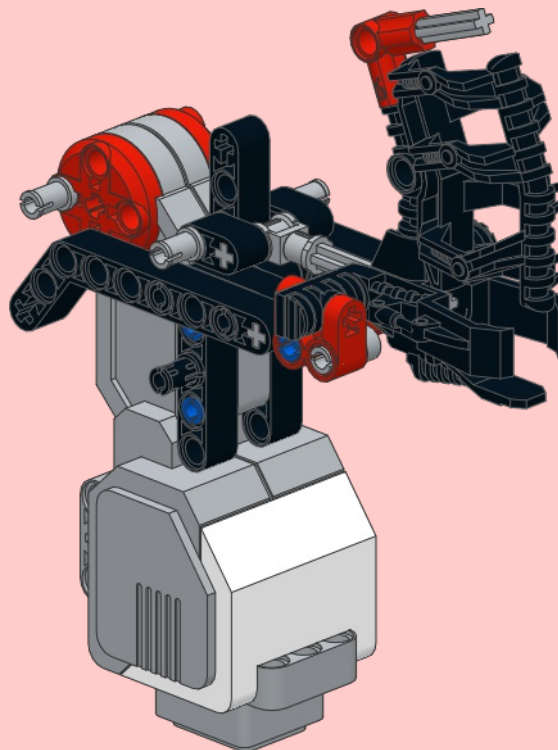




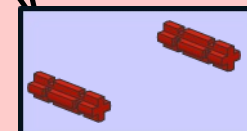
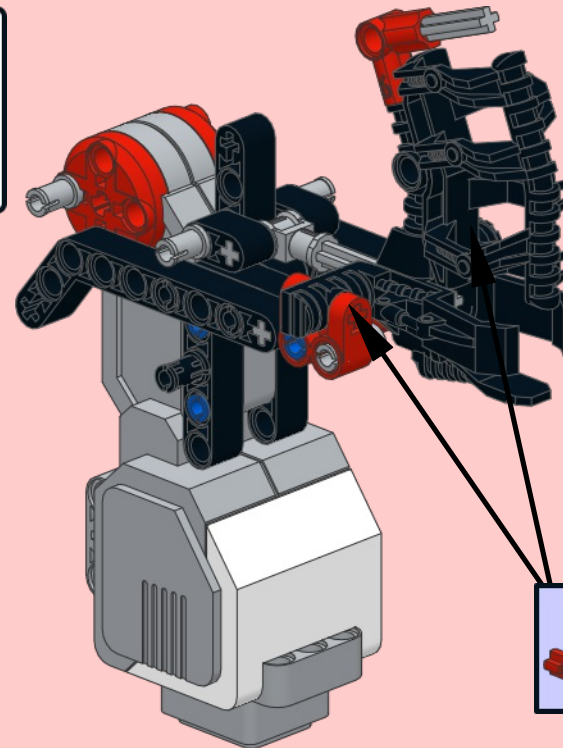
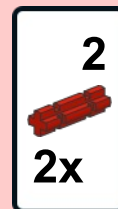
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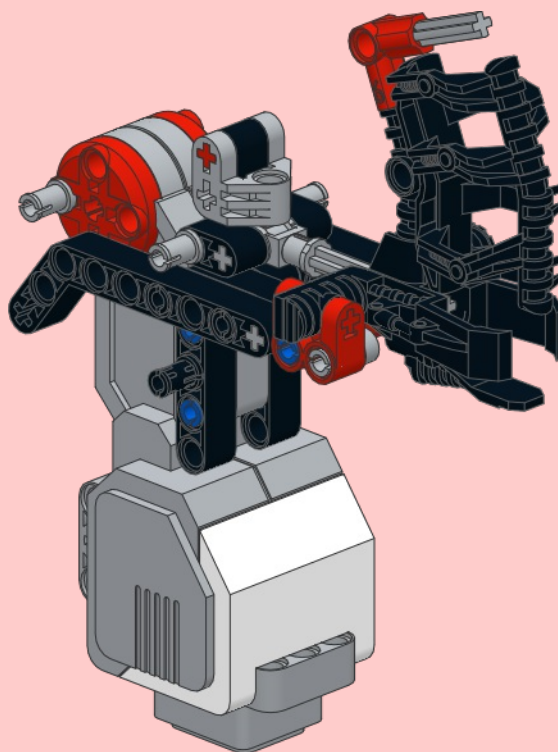
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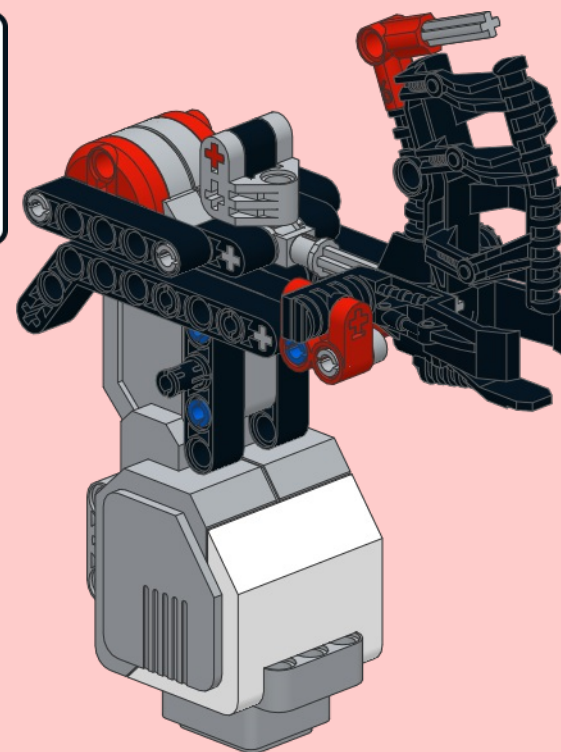
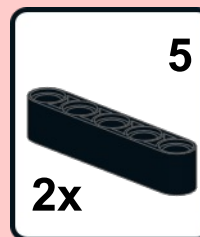
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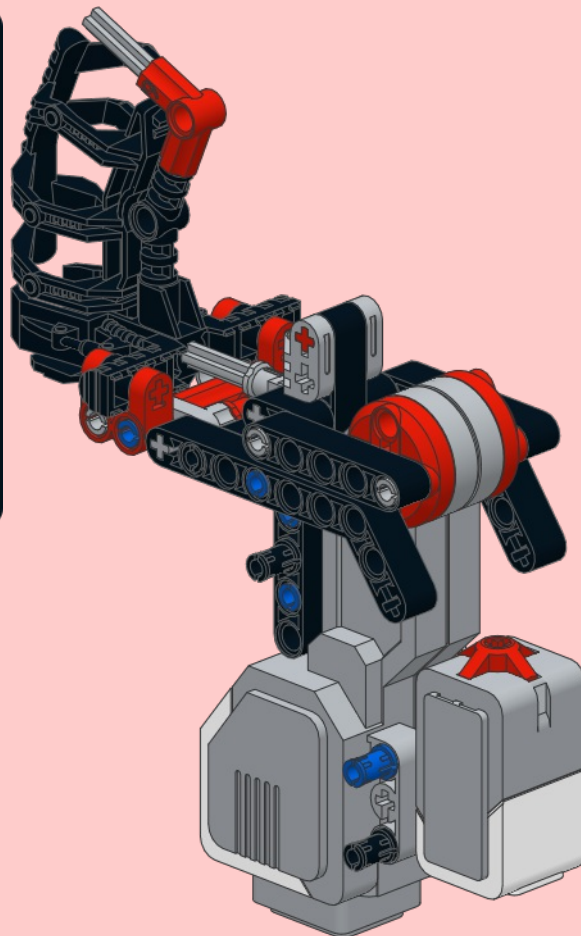
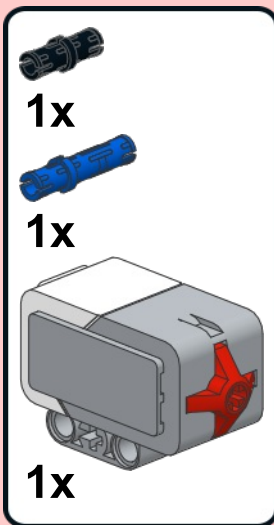
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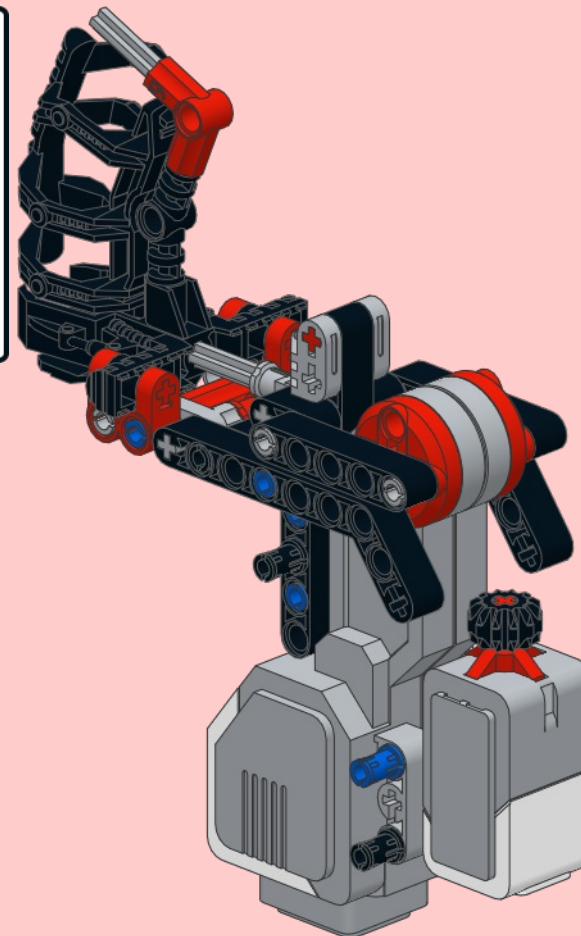
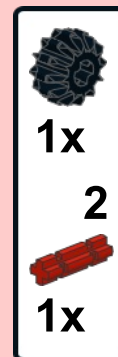
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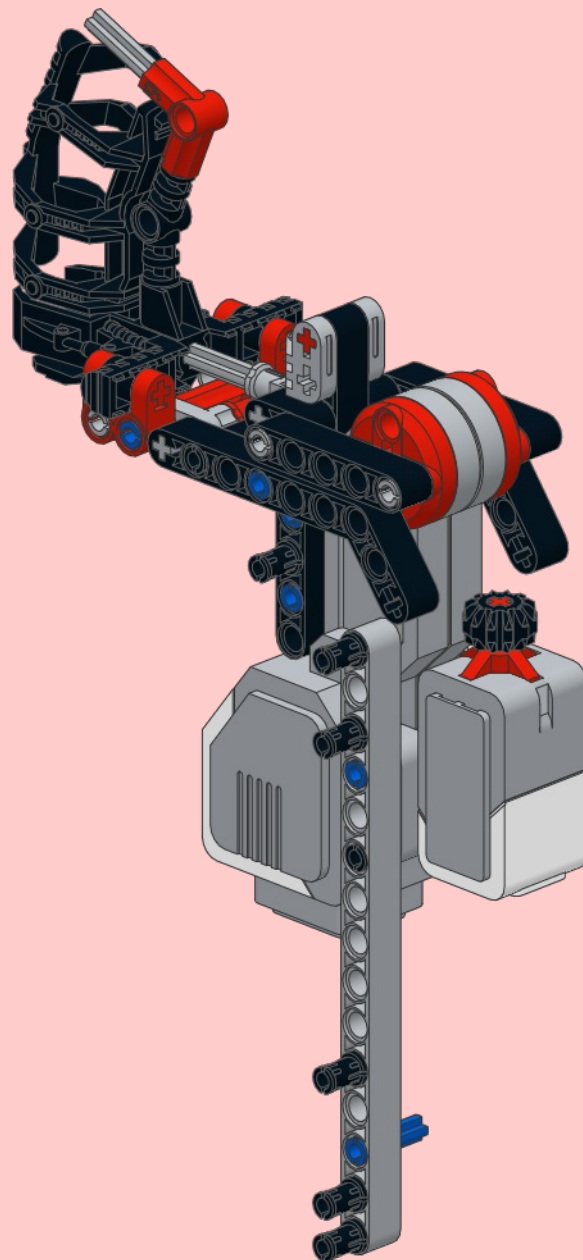
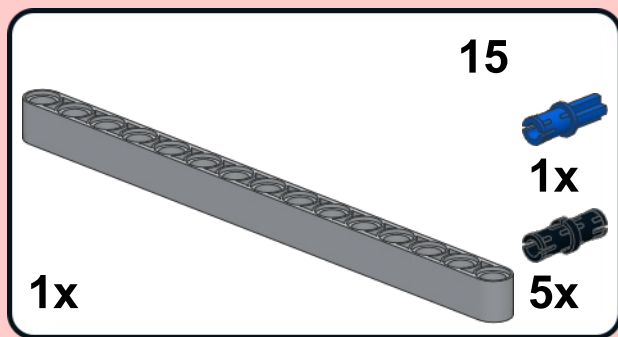
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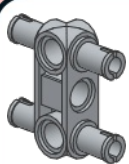
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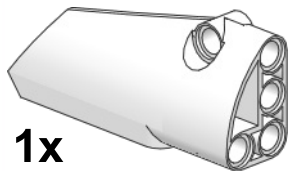
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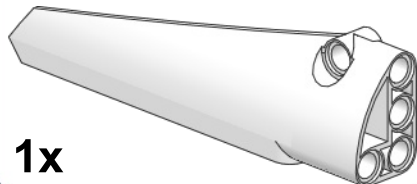
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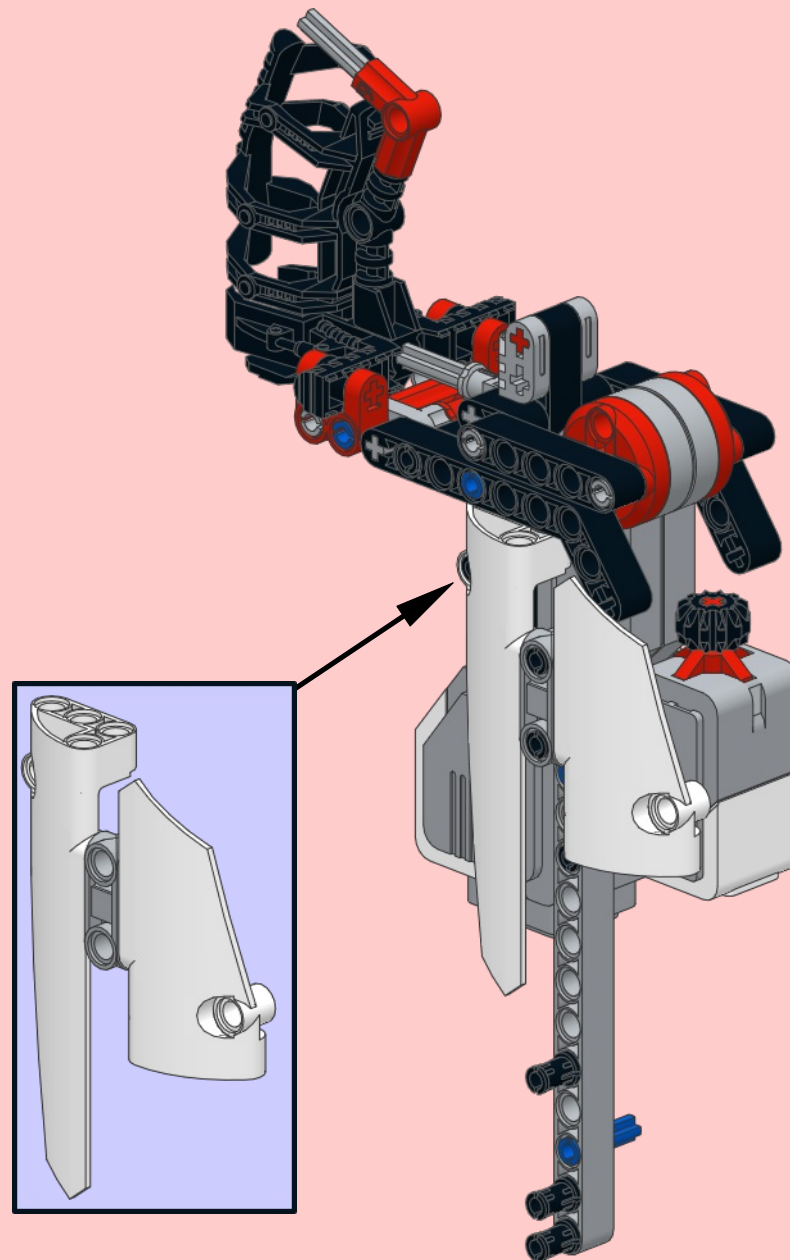
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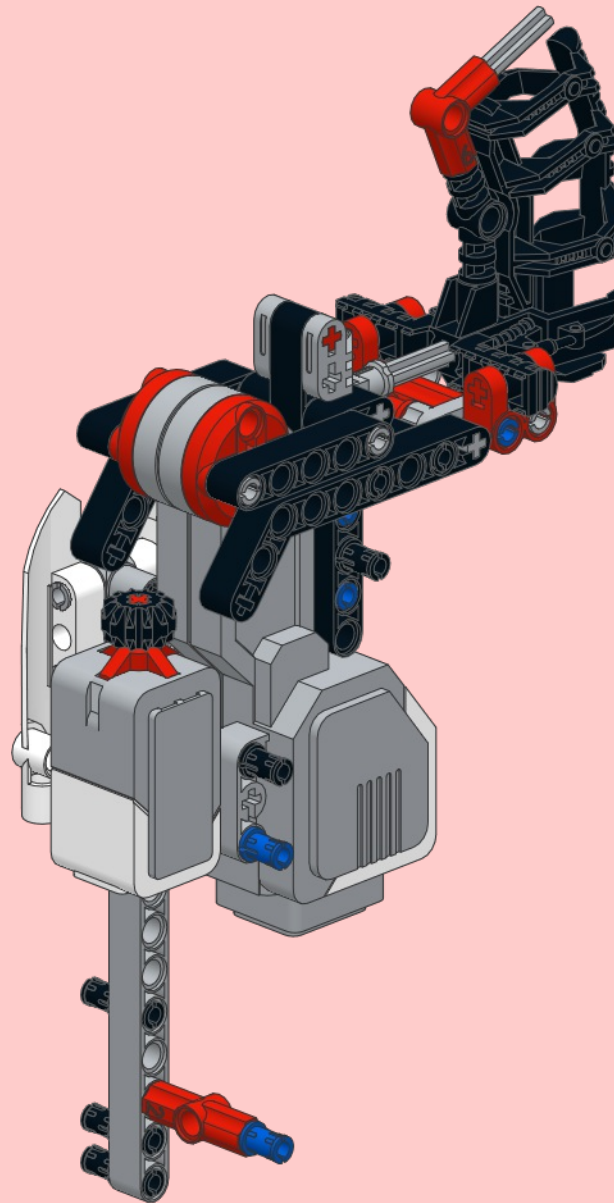
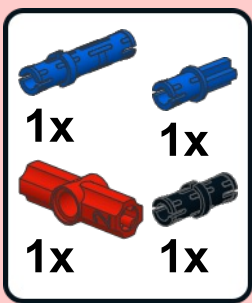
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1x



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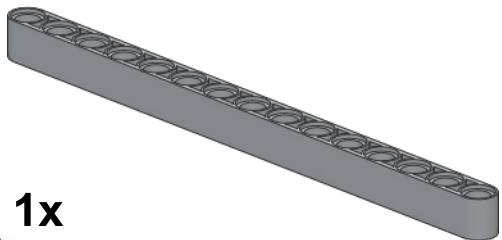


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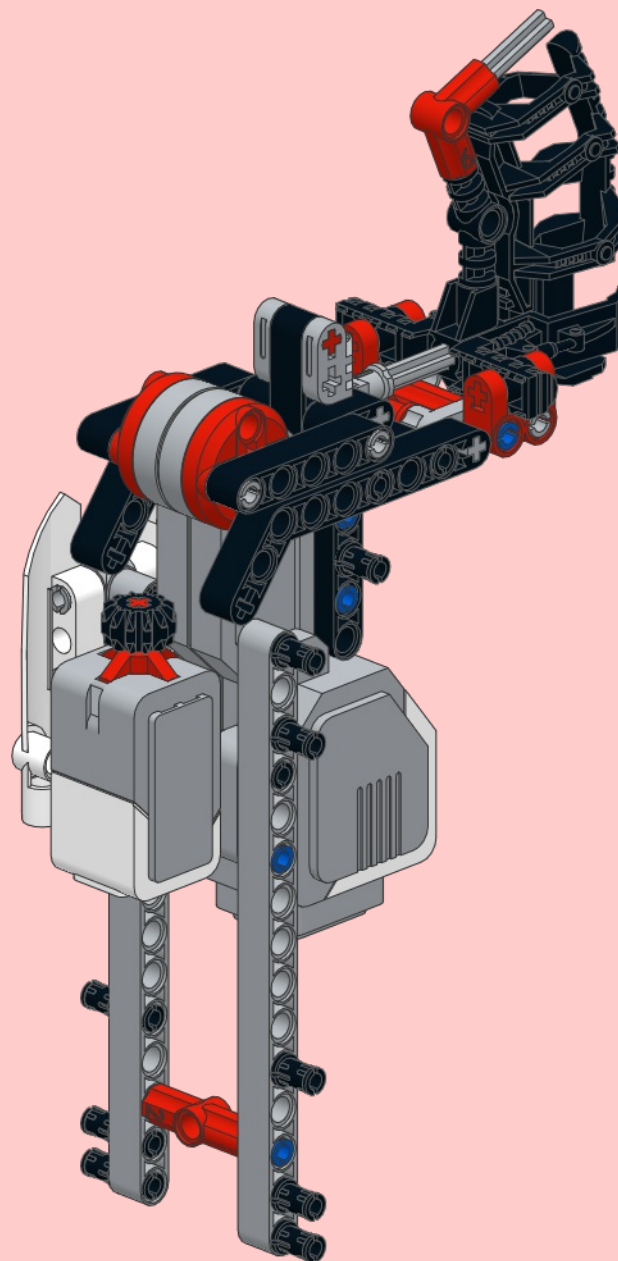


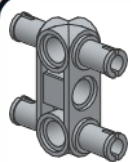
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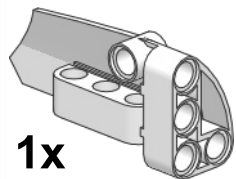


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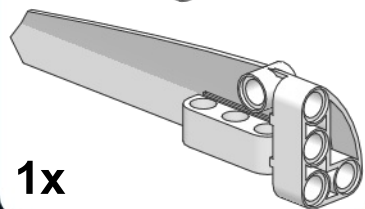




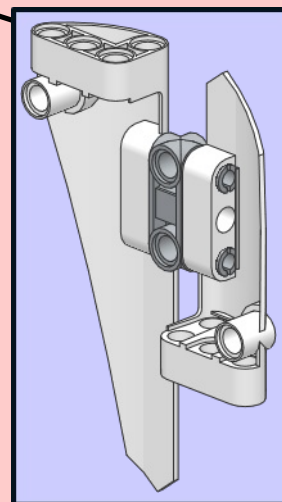
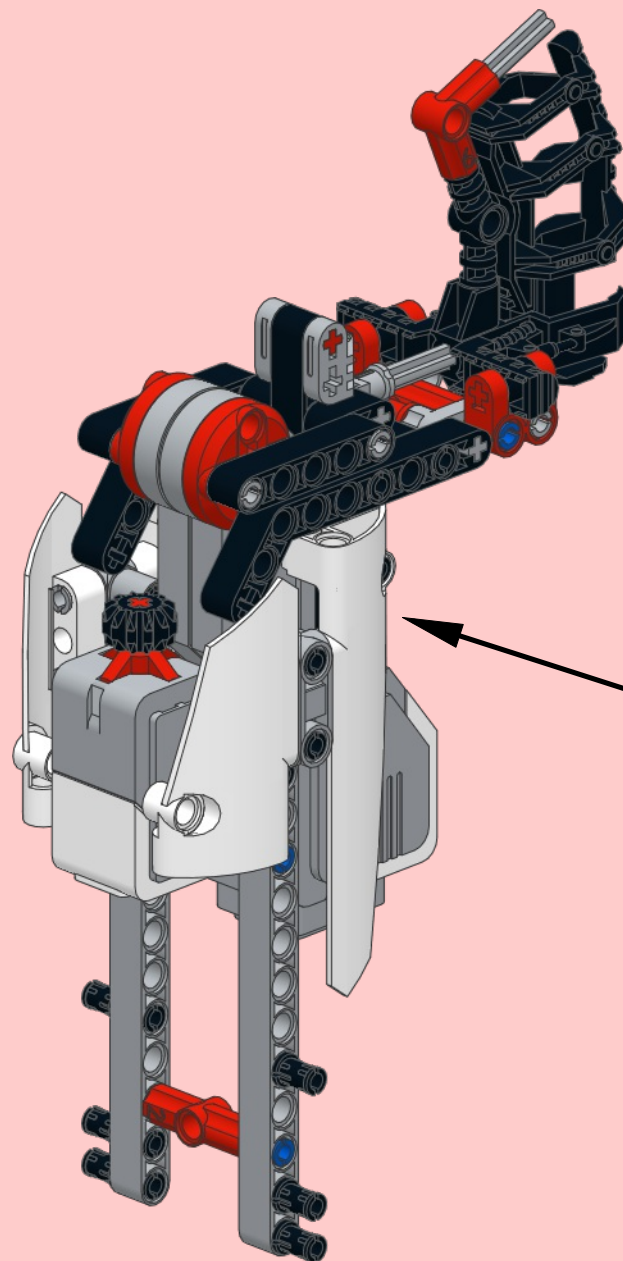
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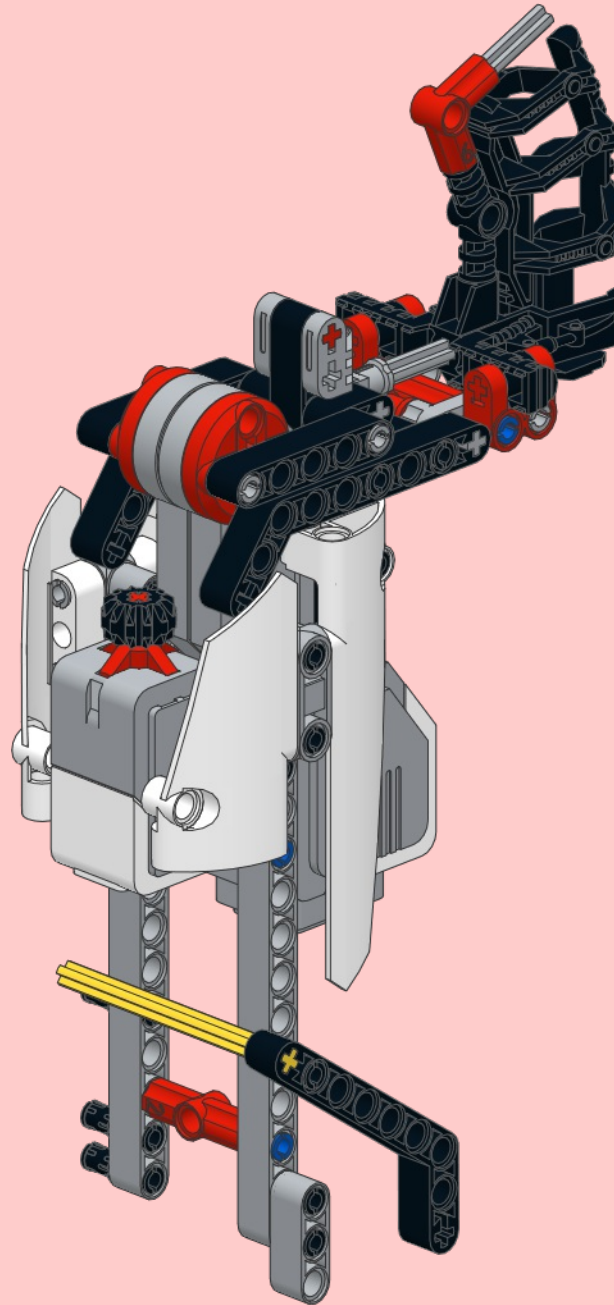
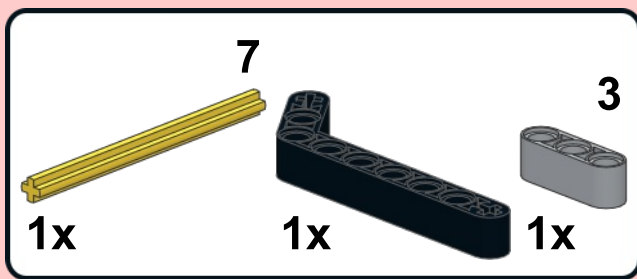


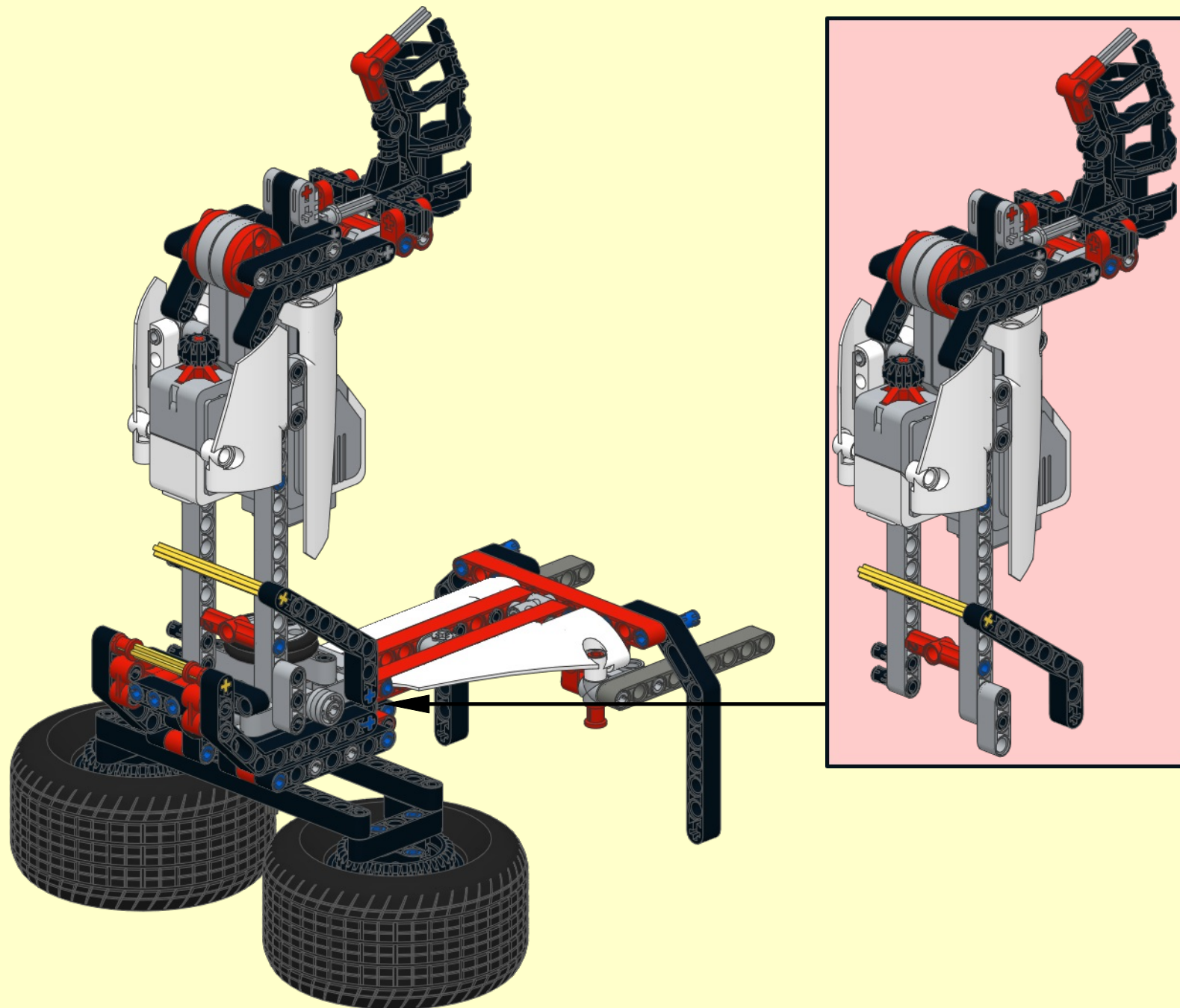
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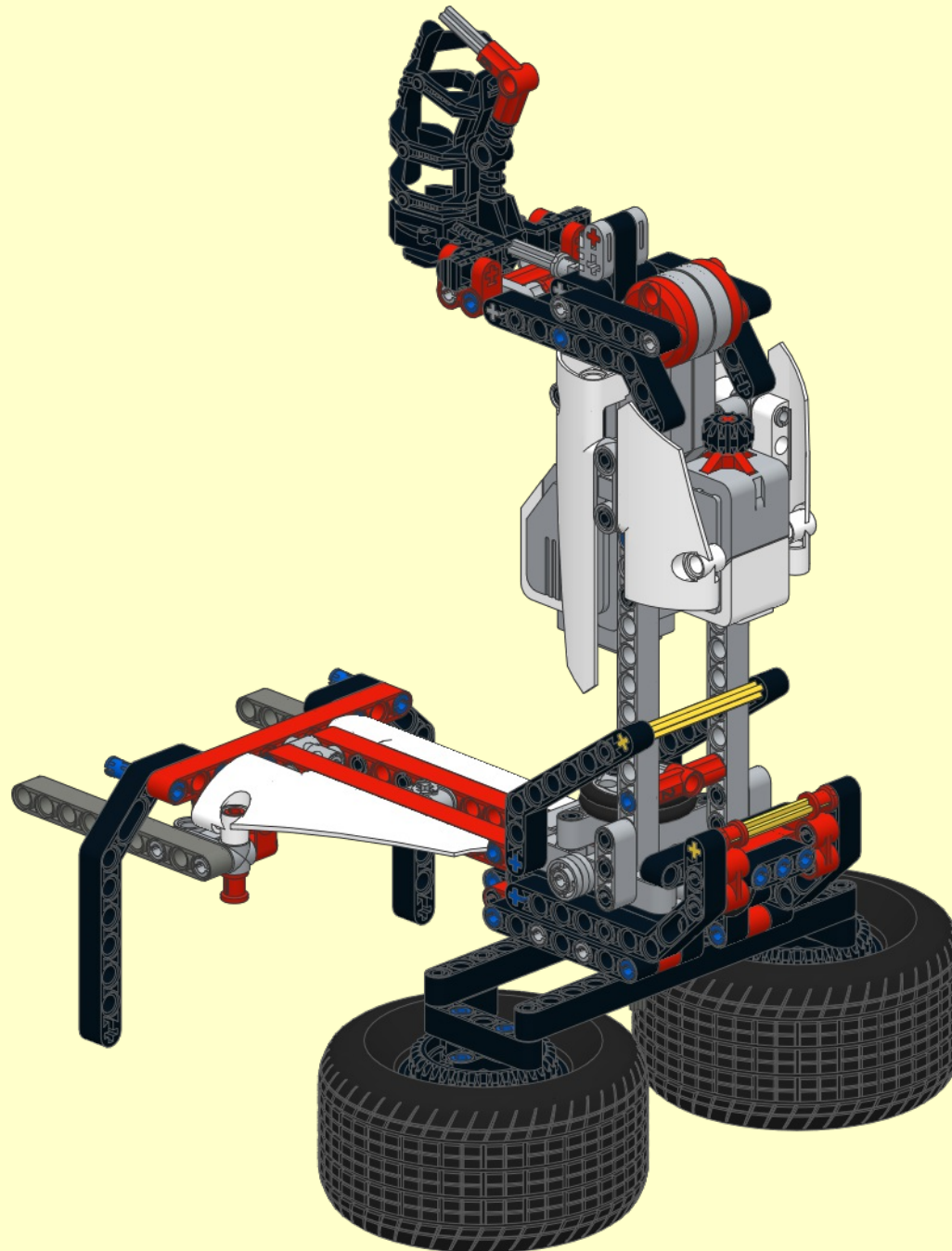
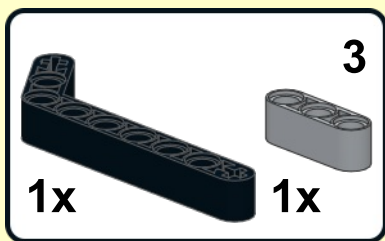


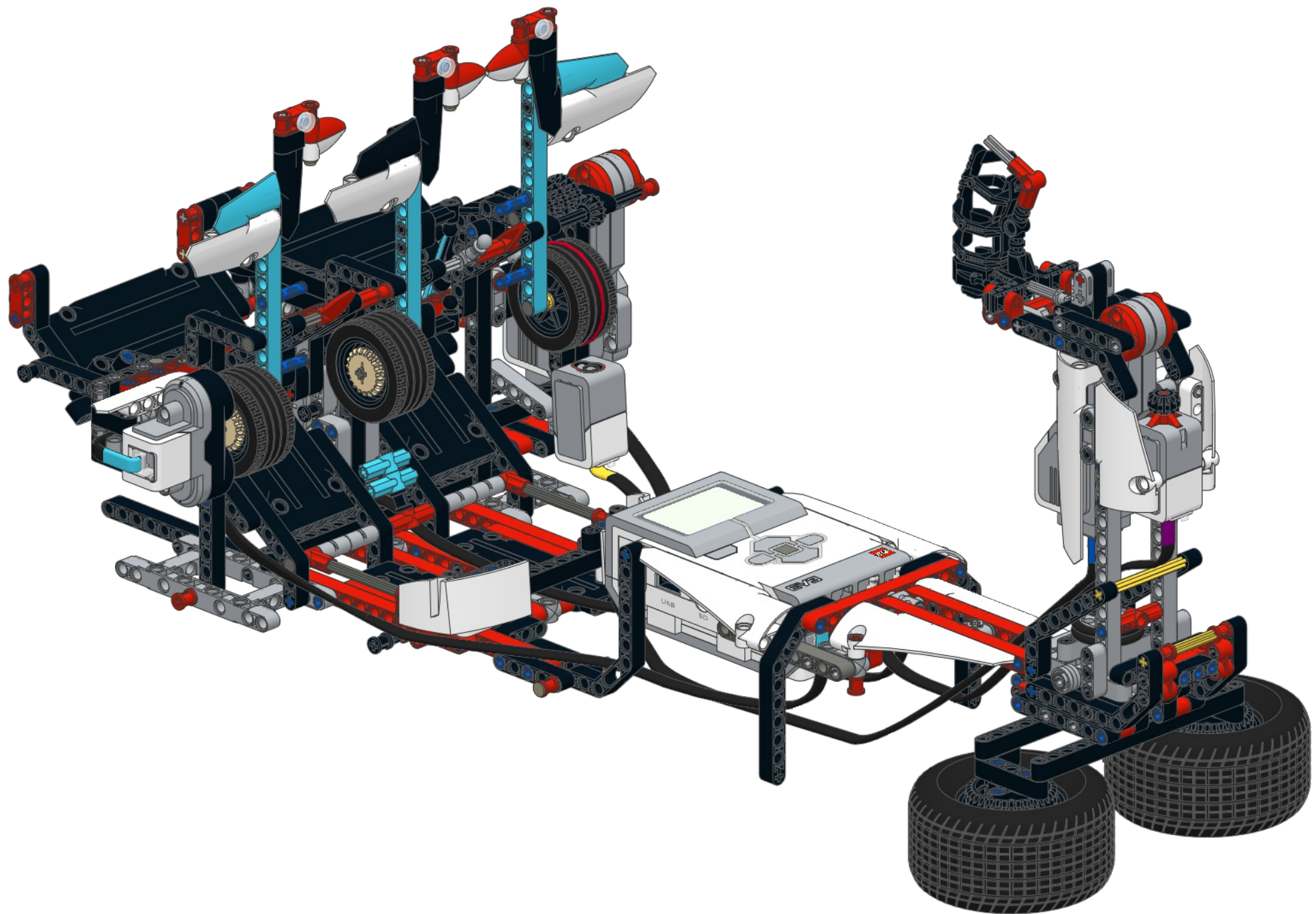
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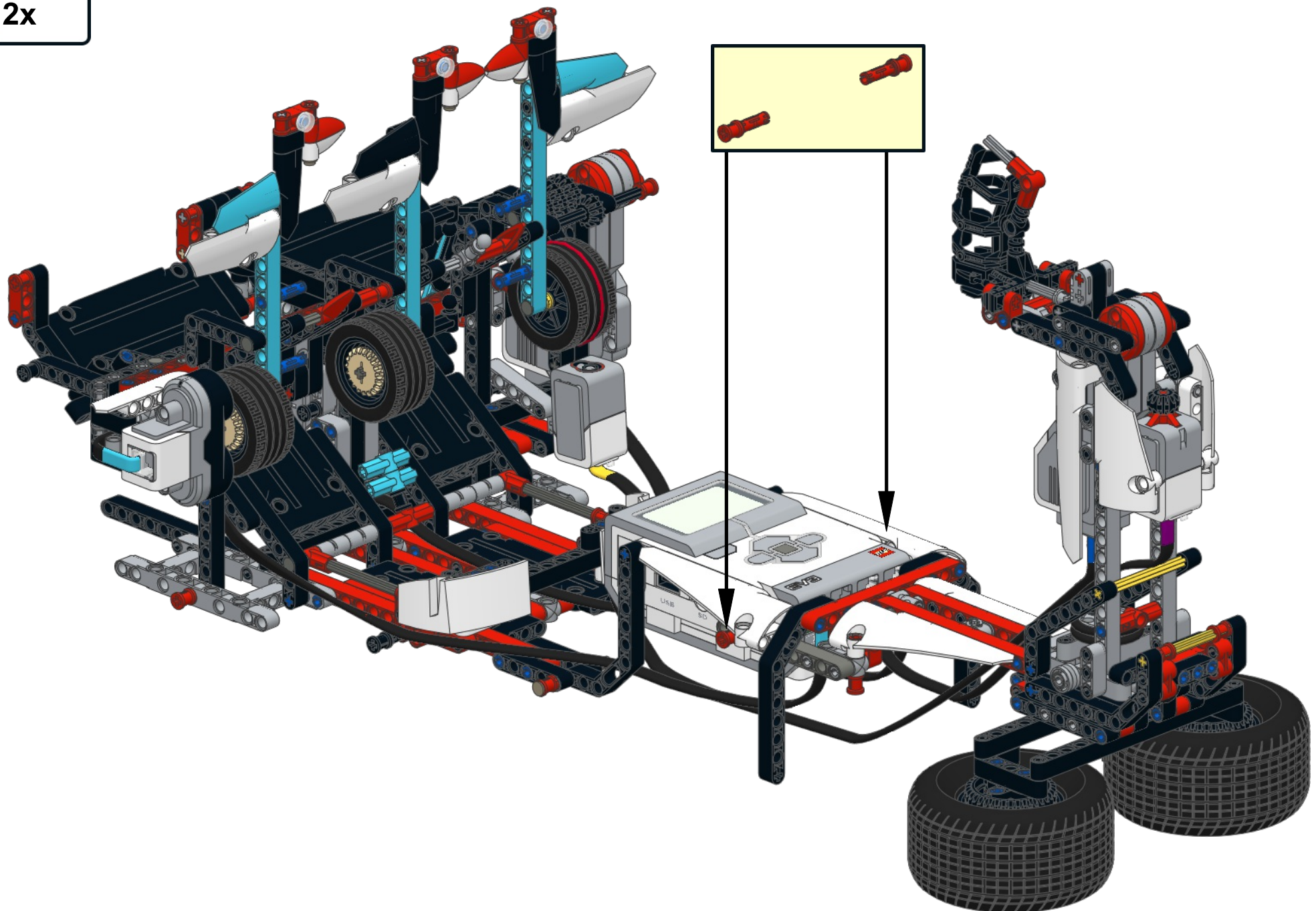




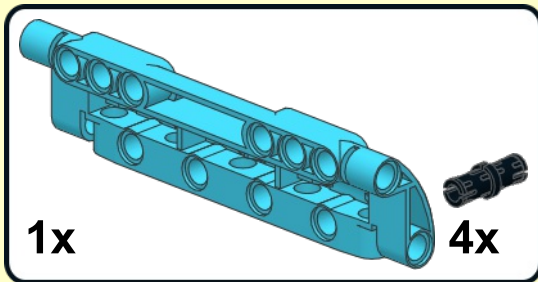
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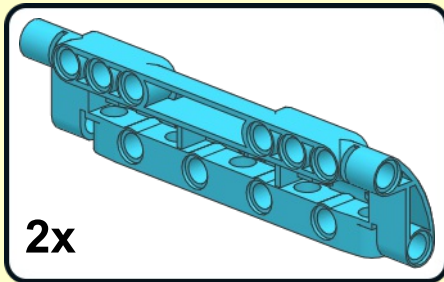
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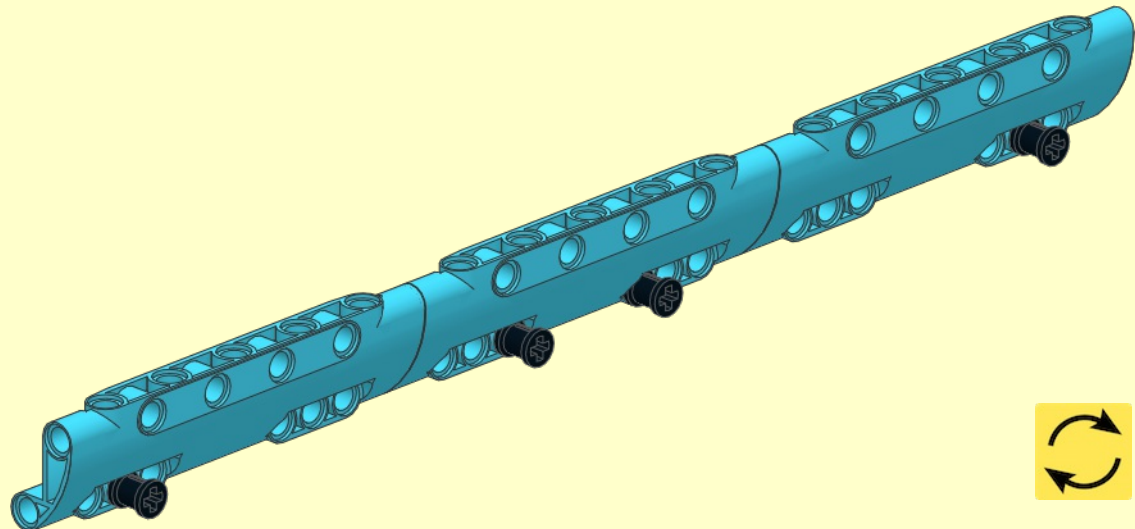
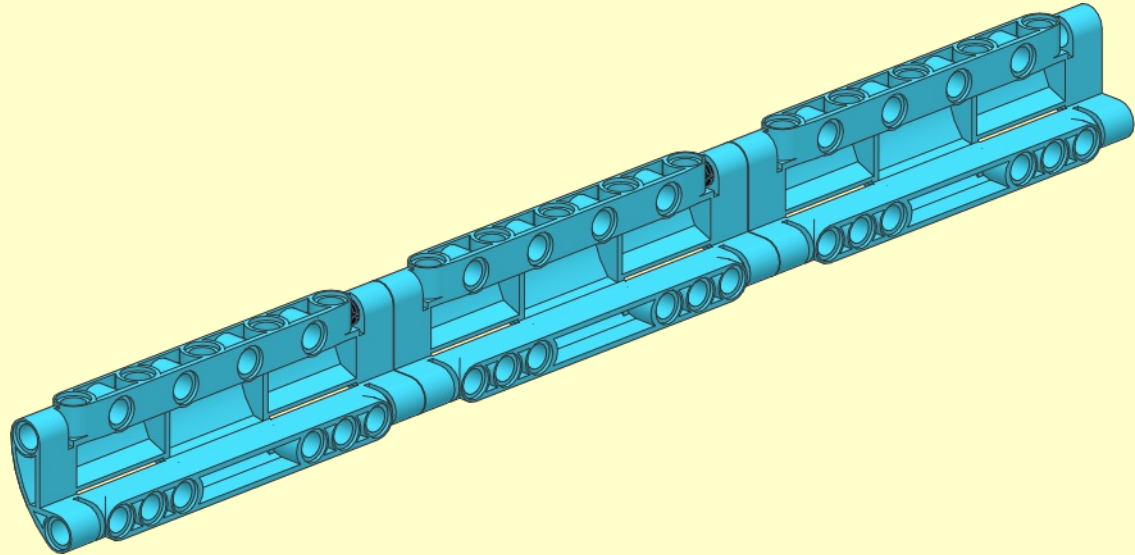
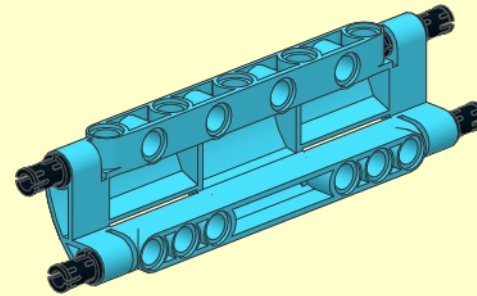
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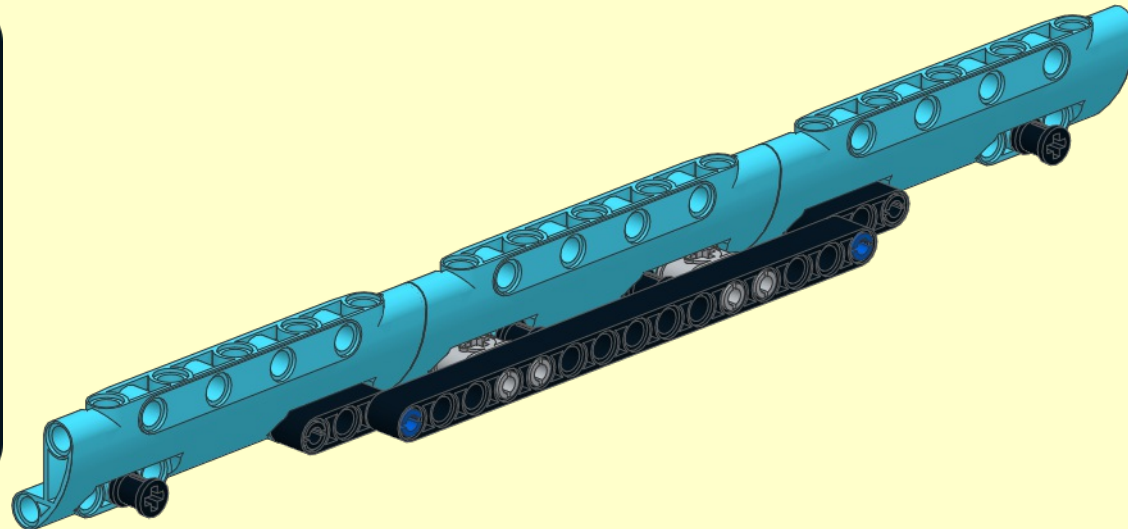
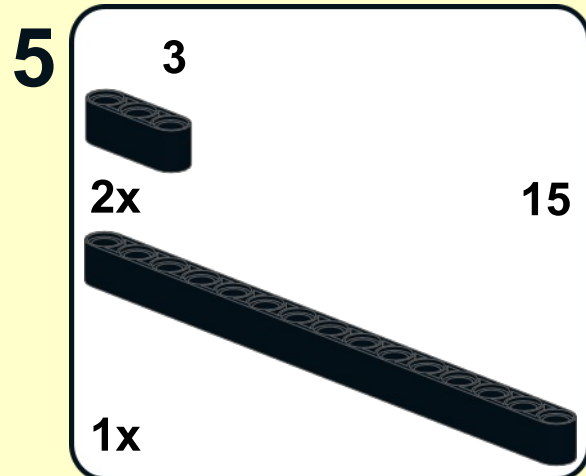
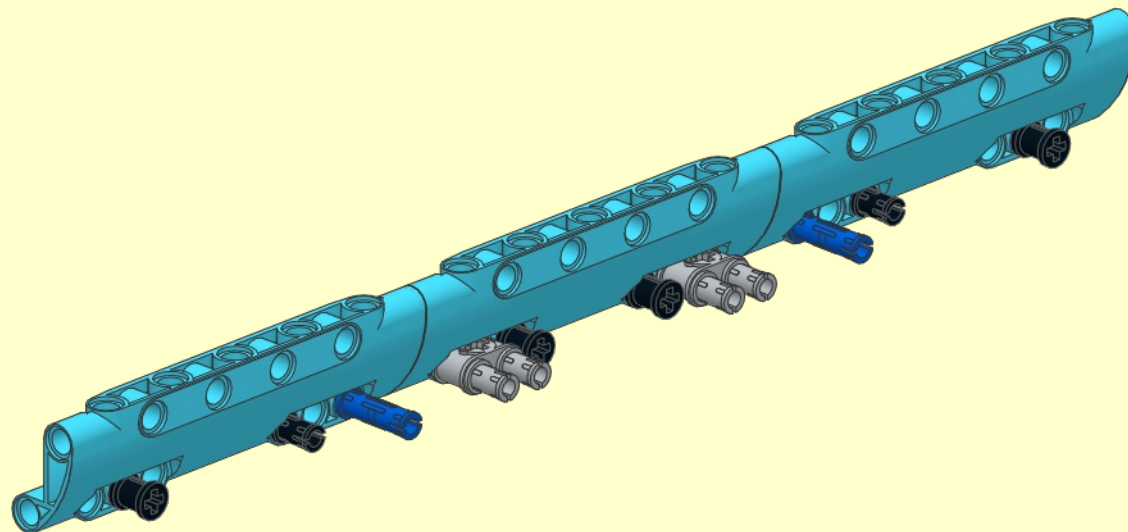
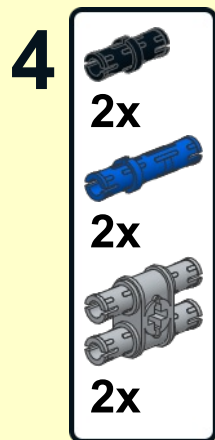


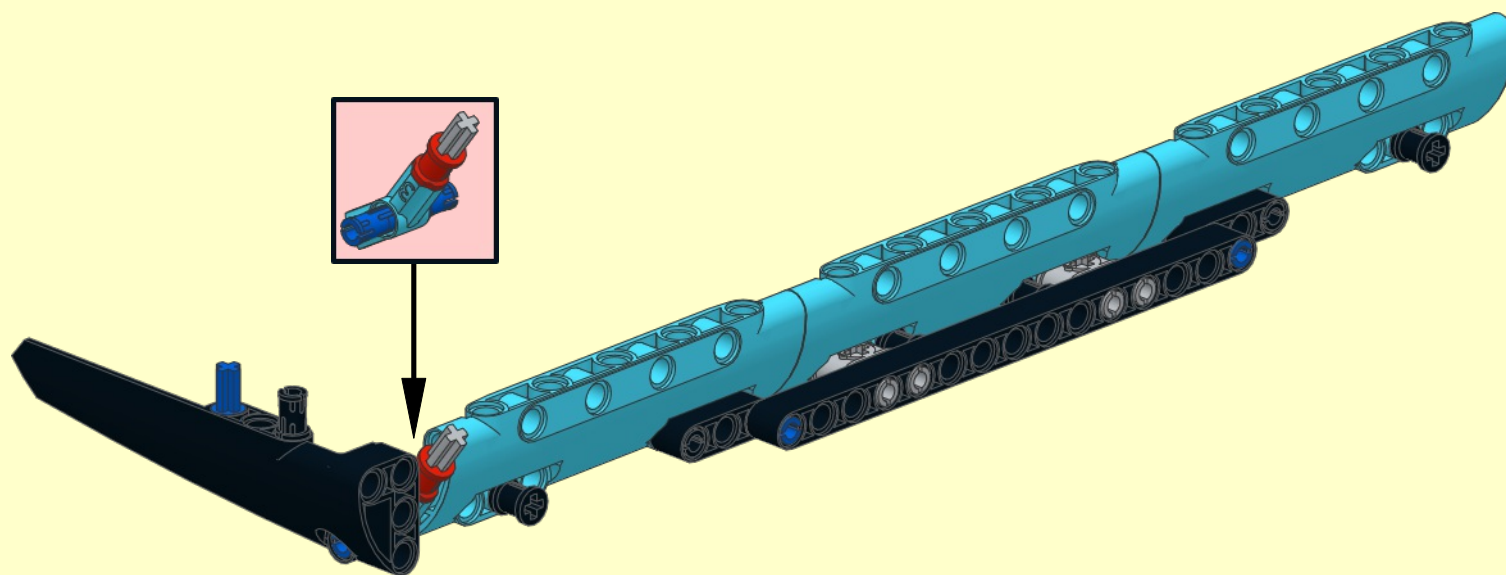
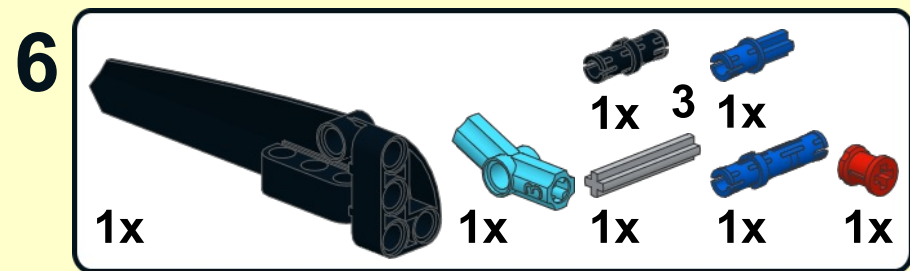
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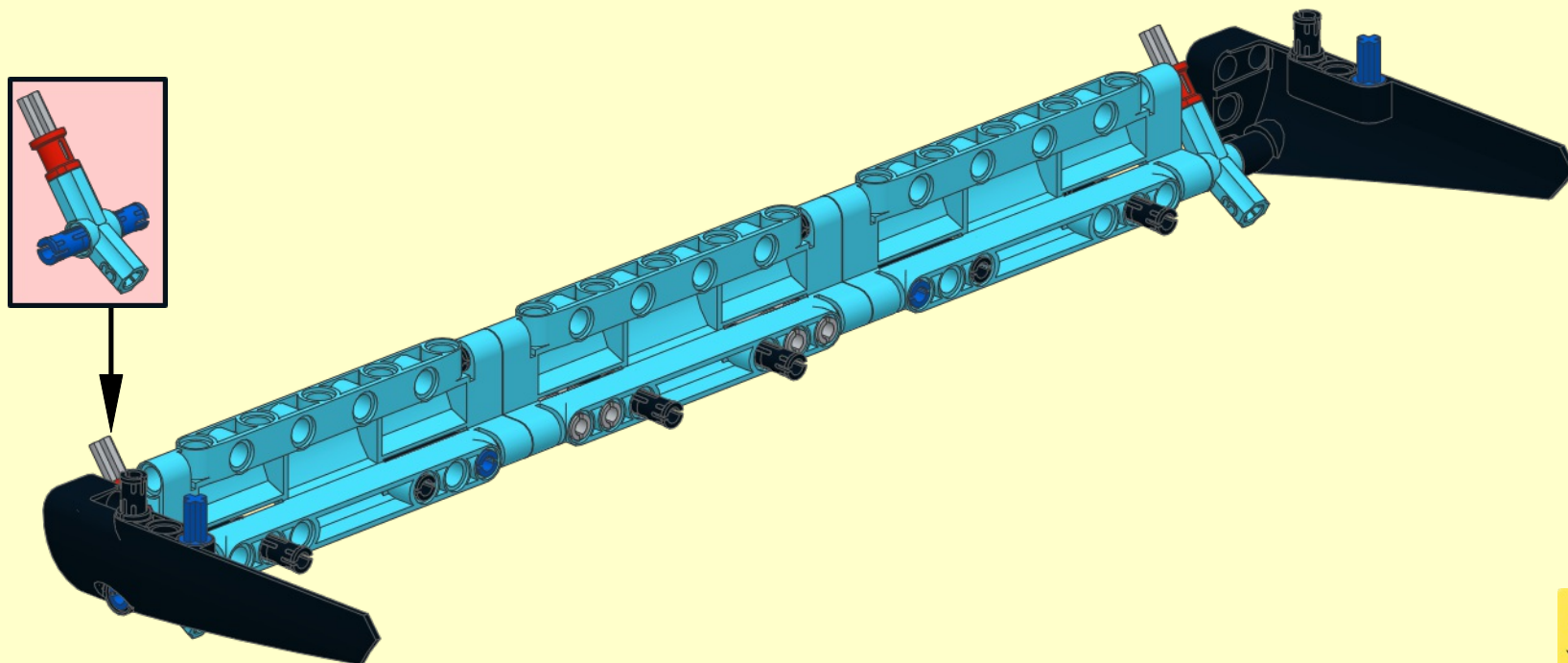
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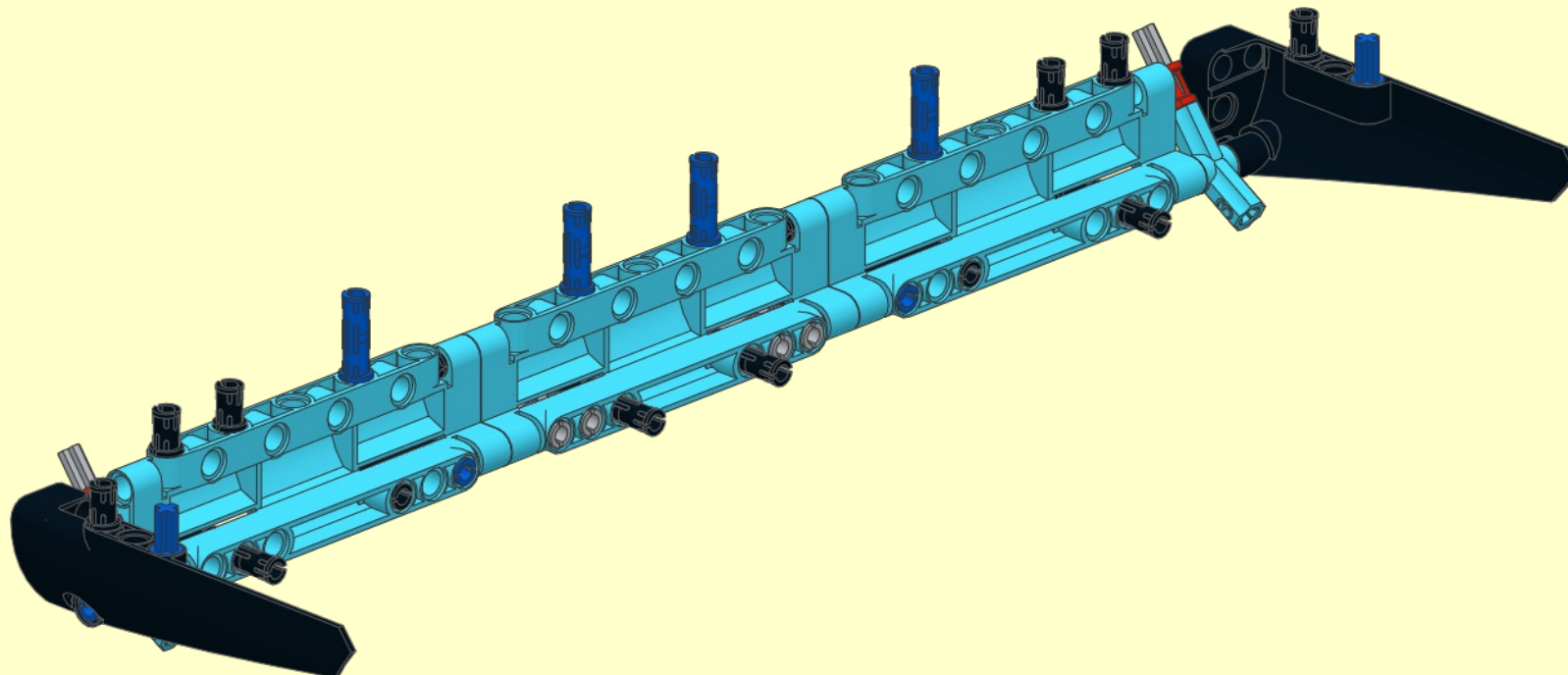




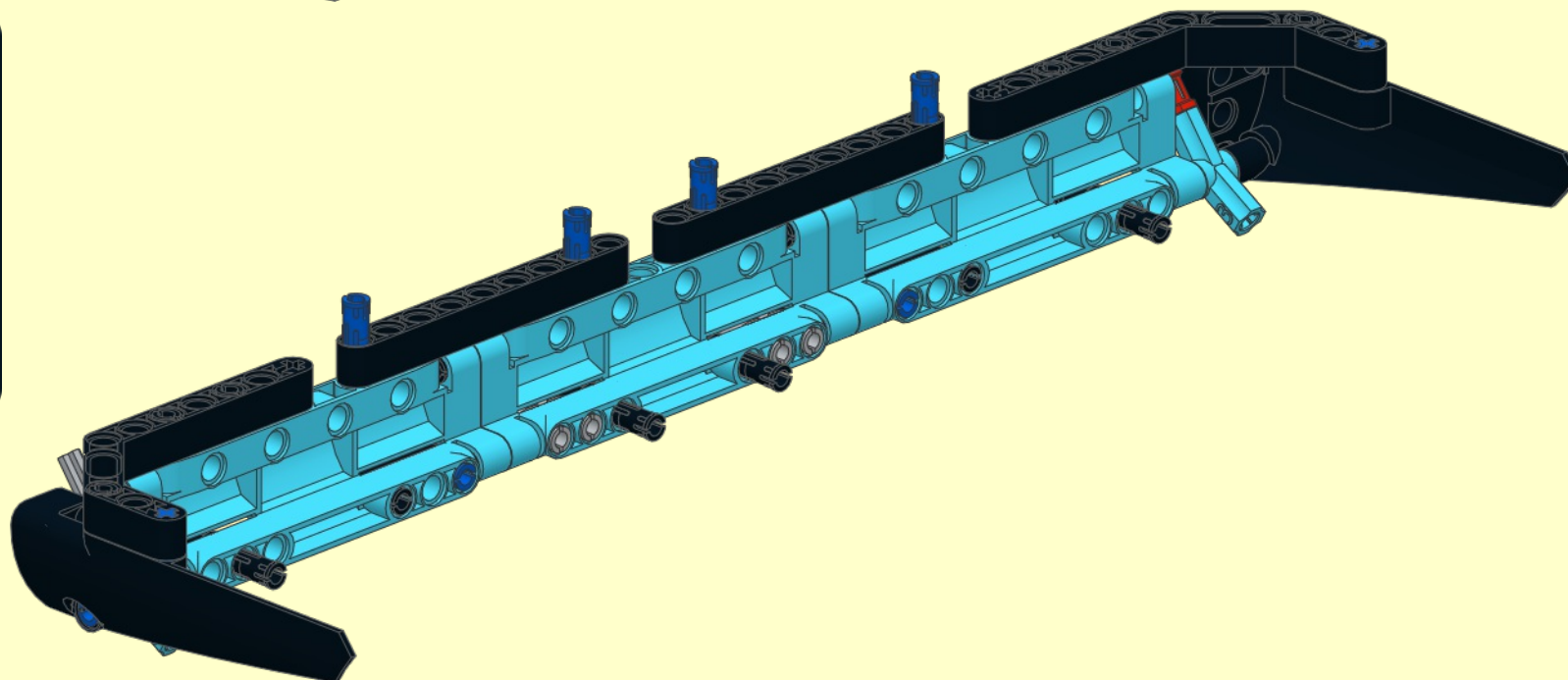
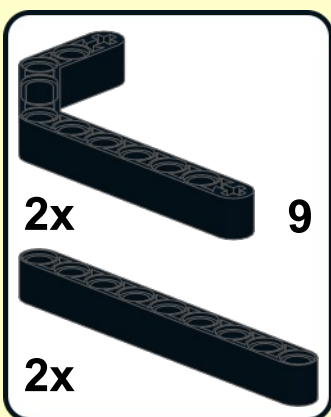










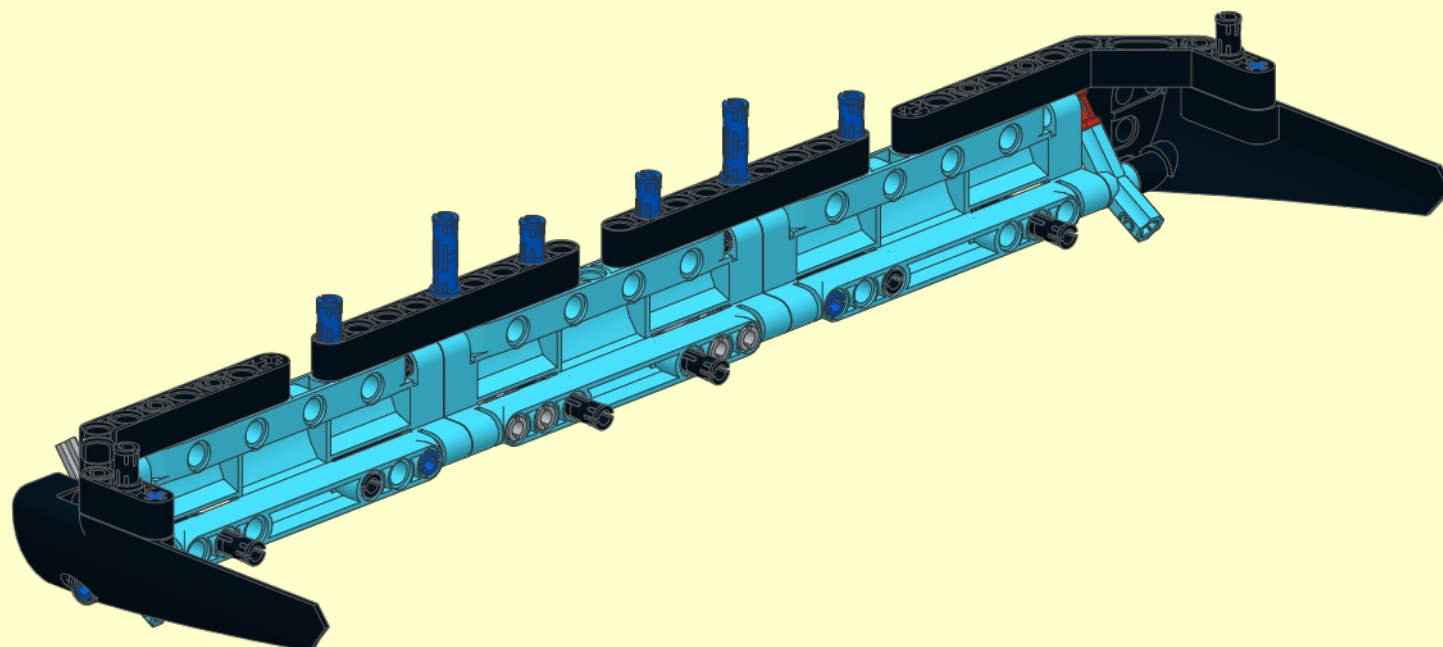
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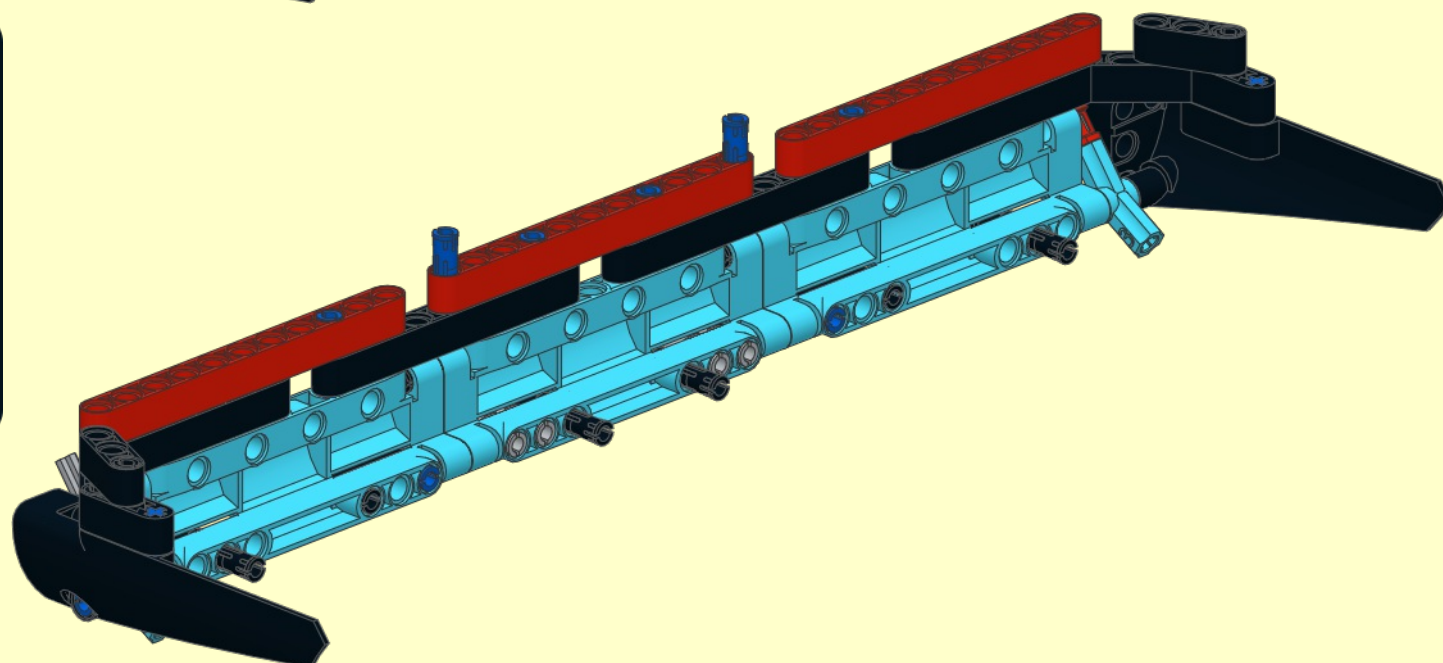
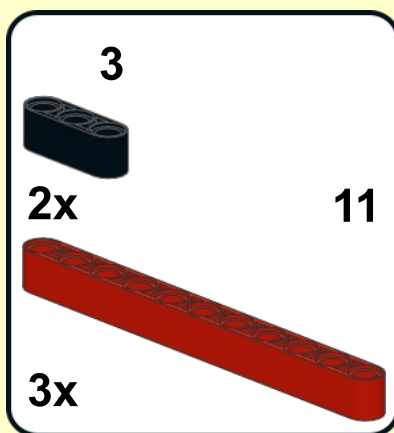
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10



11



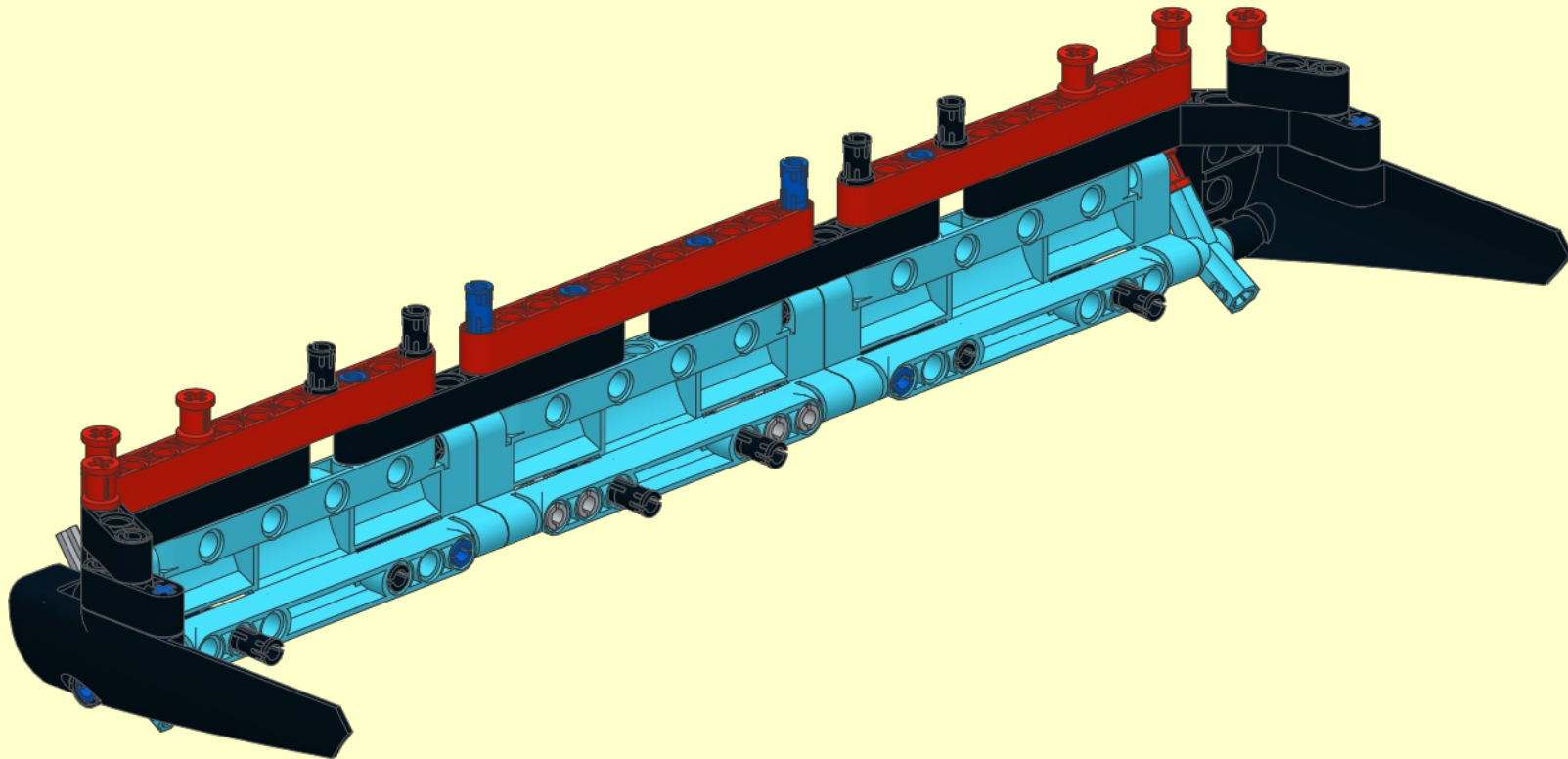
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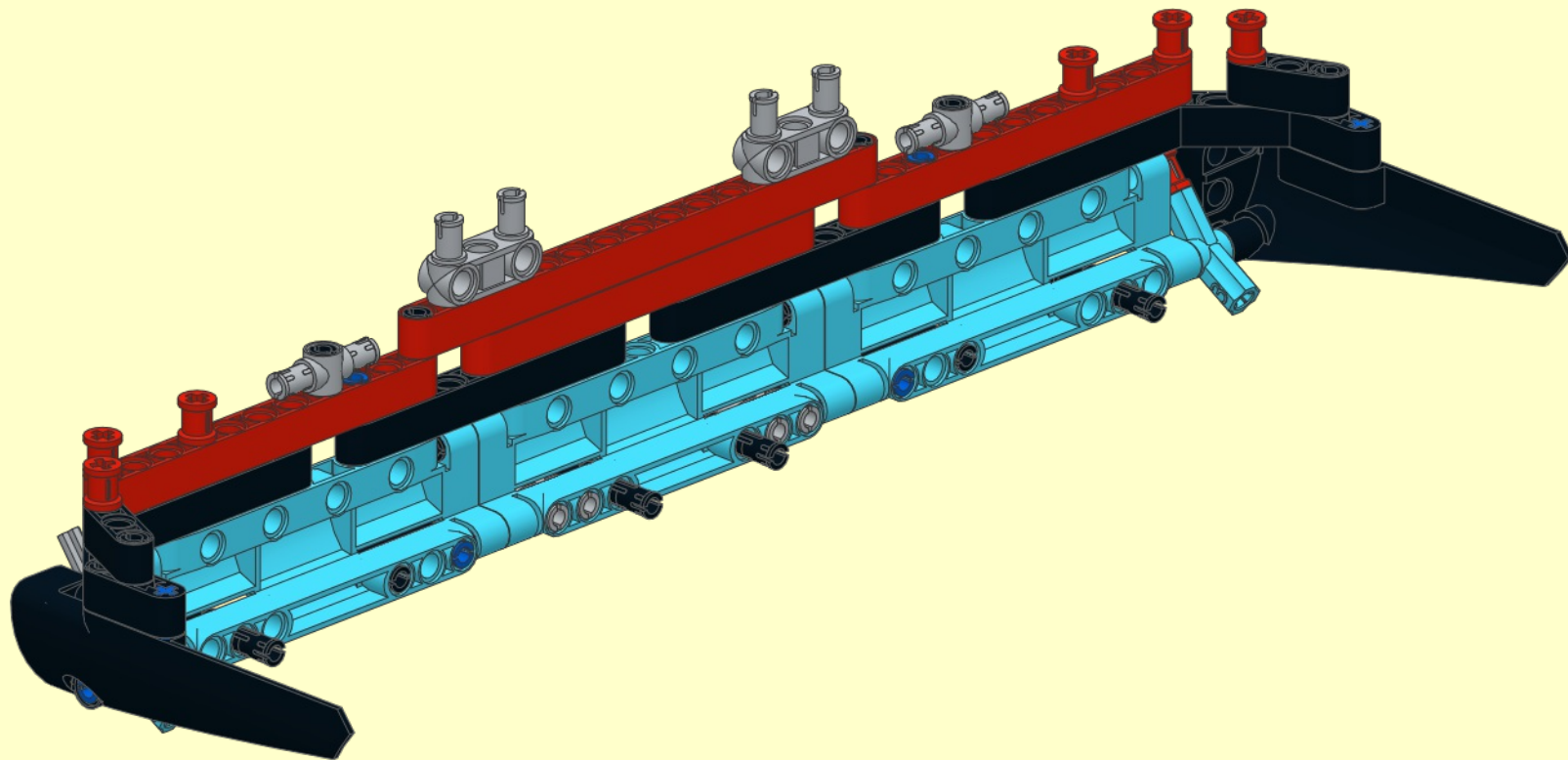
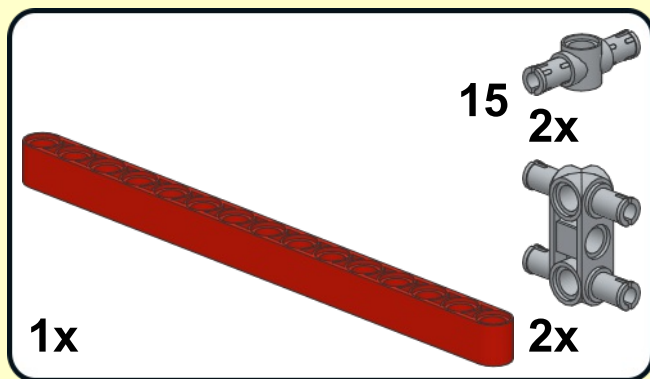
4x



6x



13



14

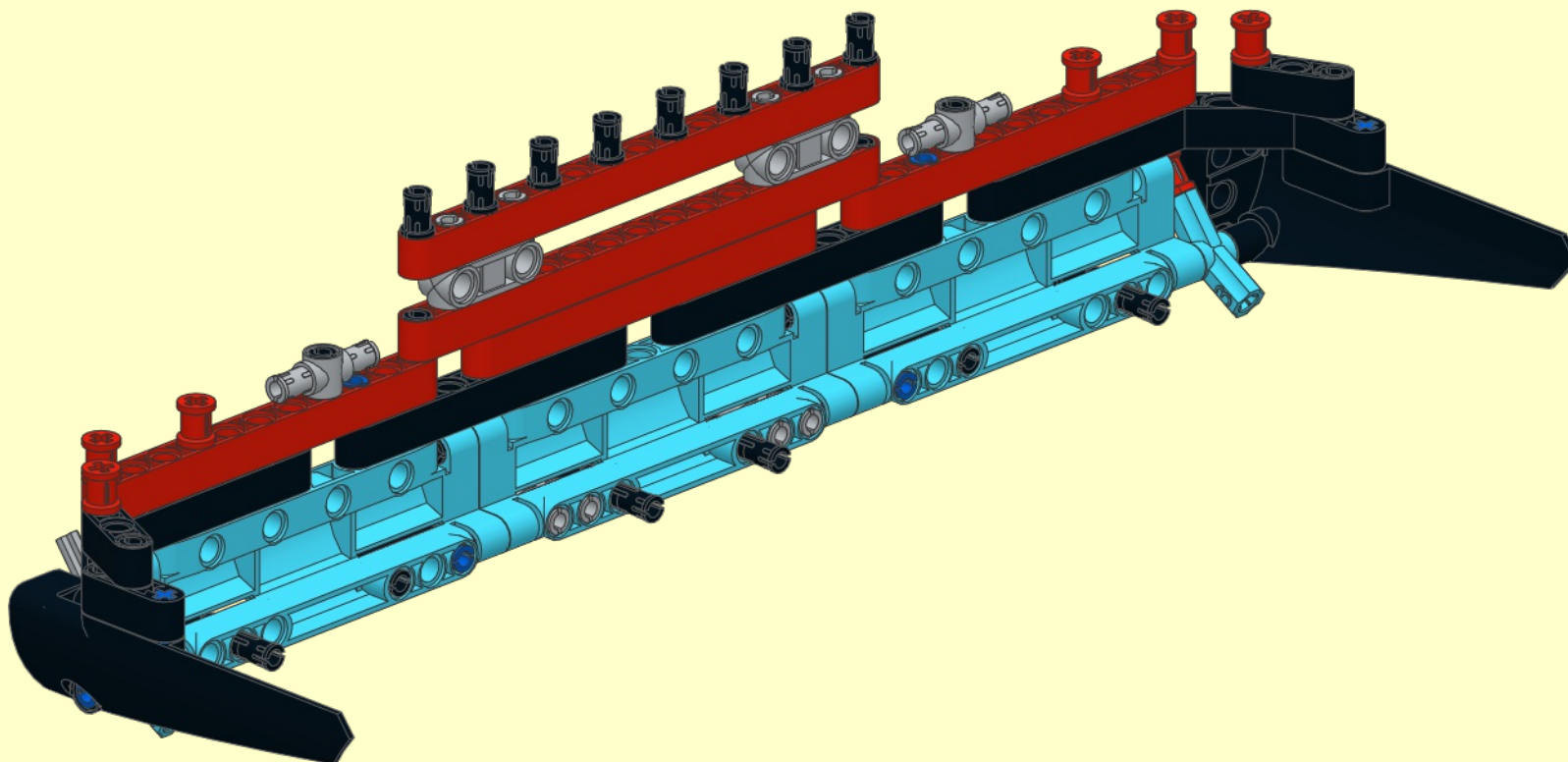


8x

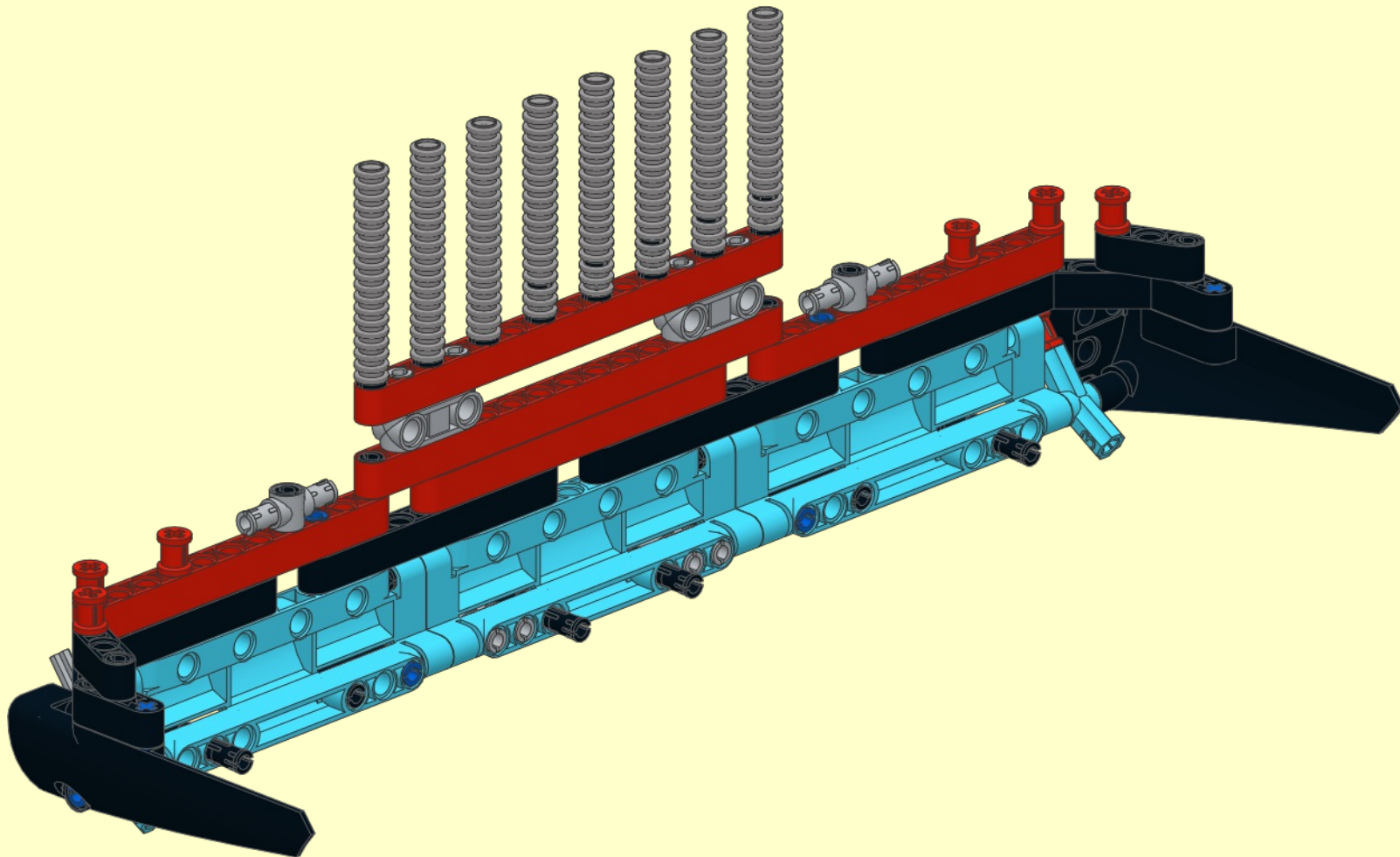
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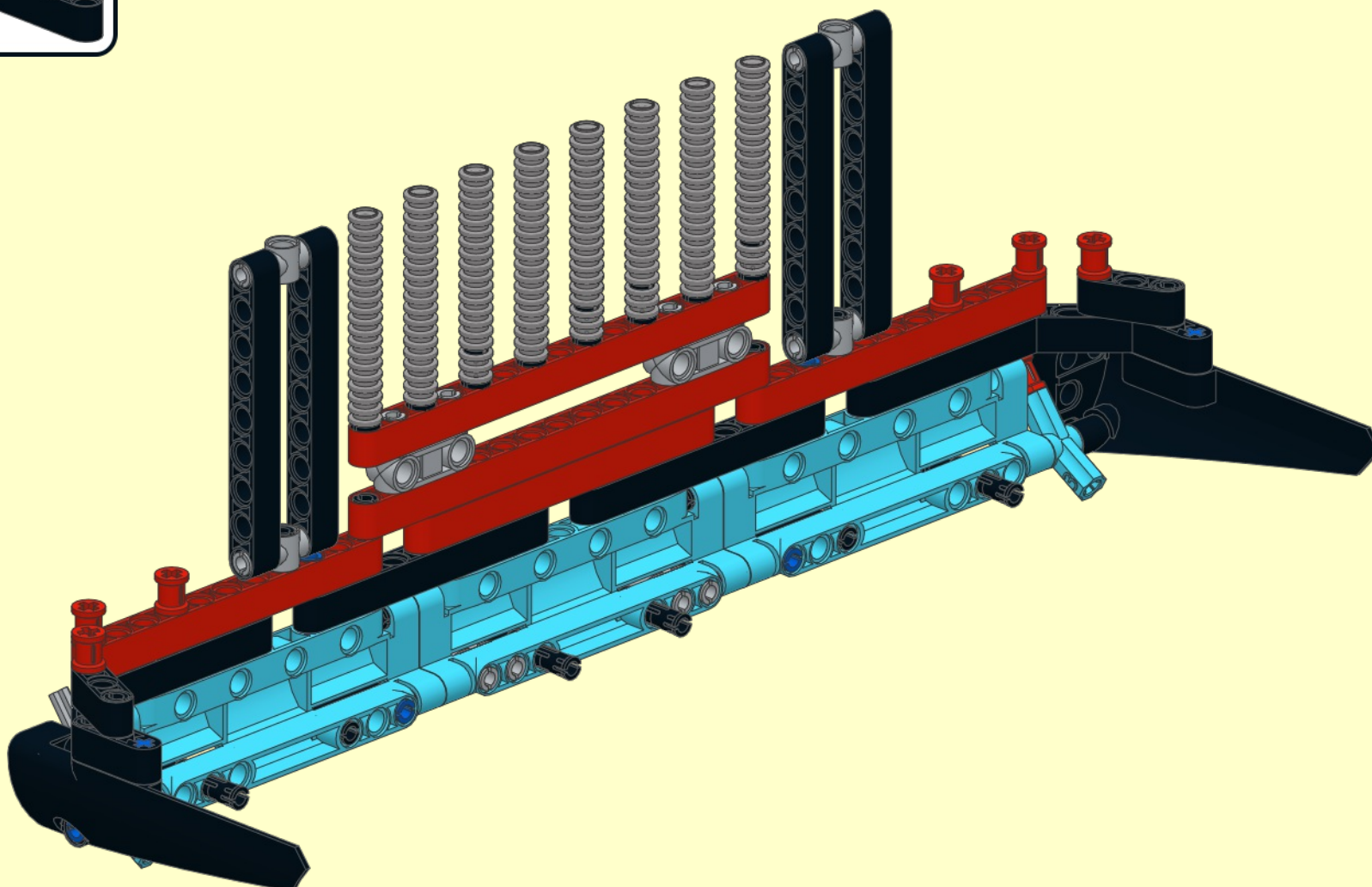
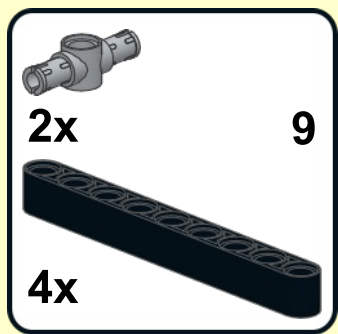
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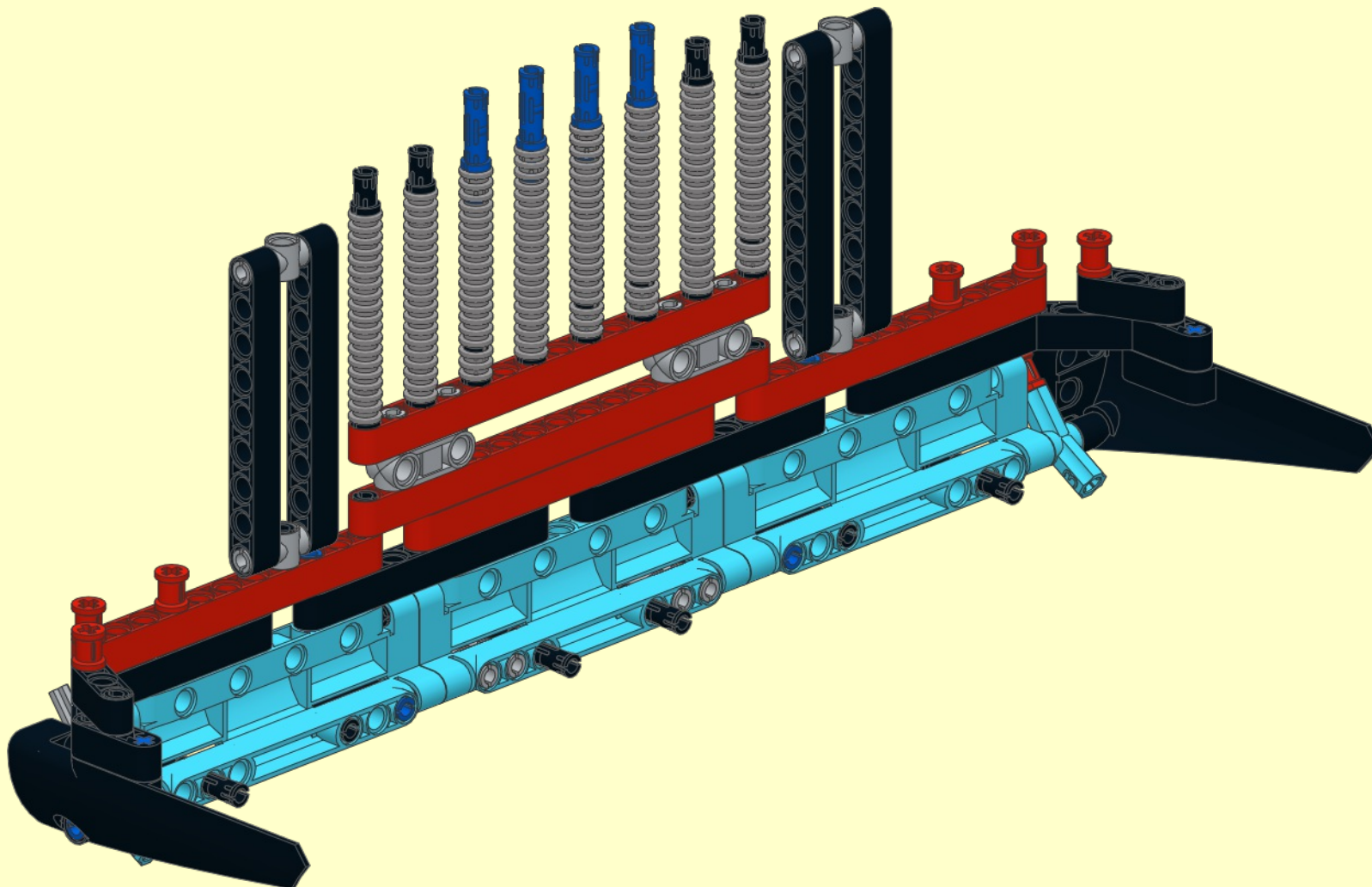
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16



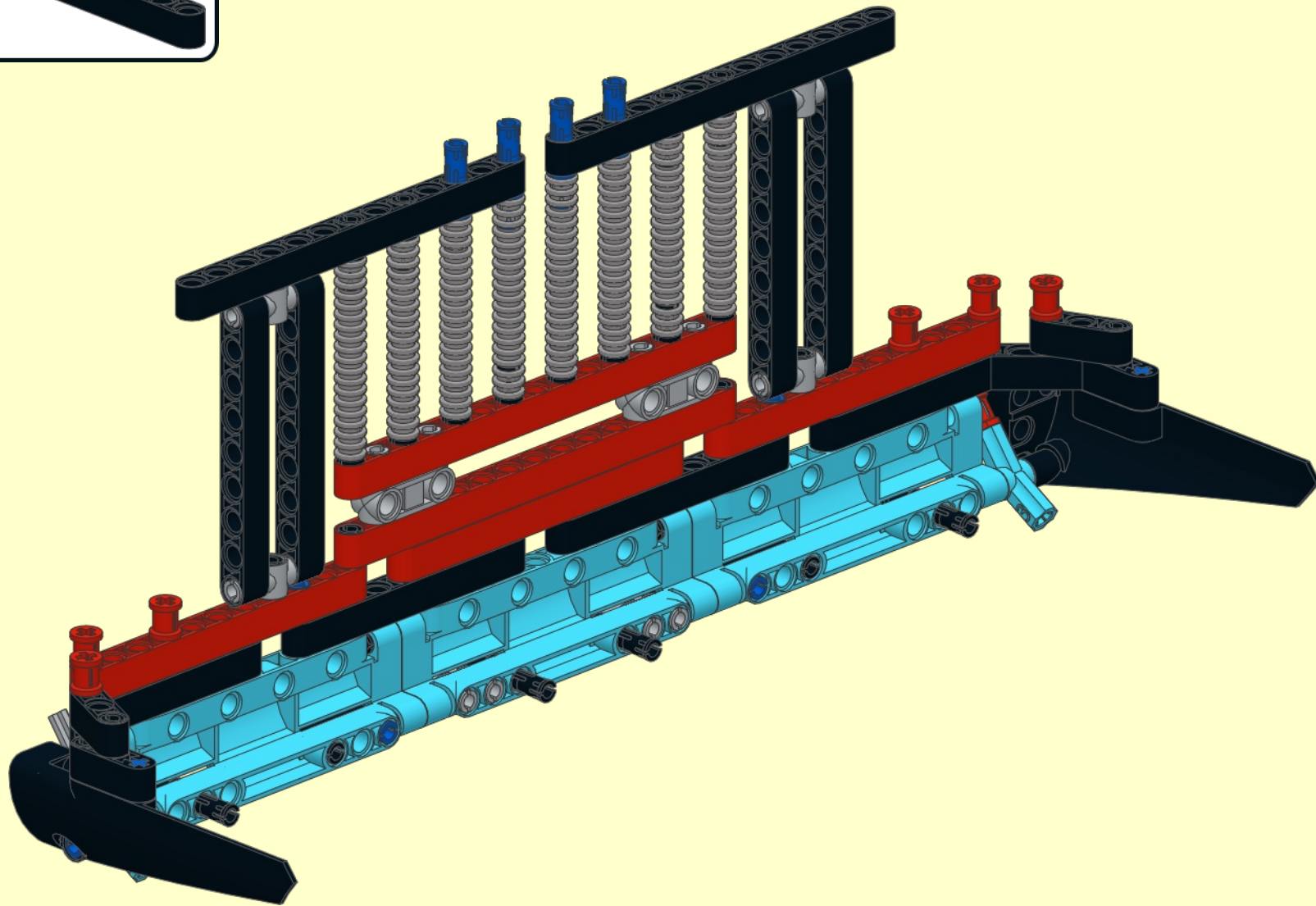
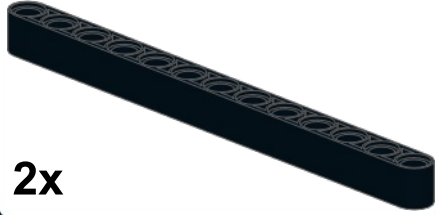
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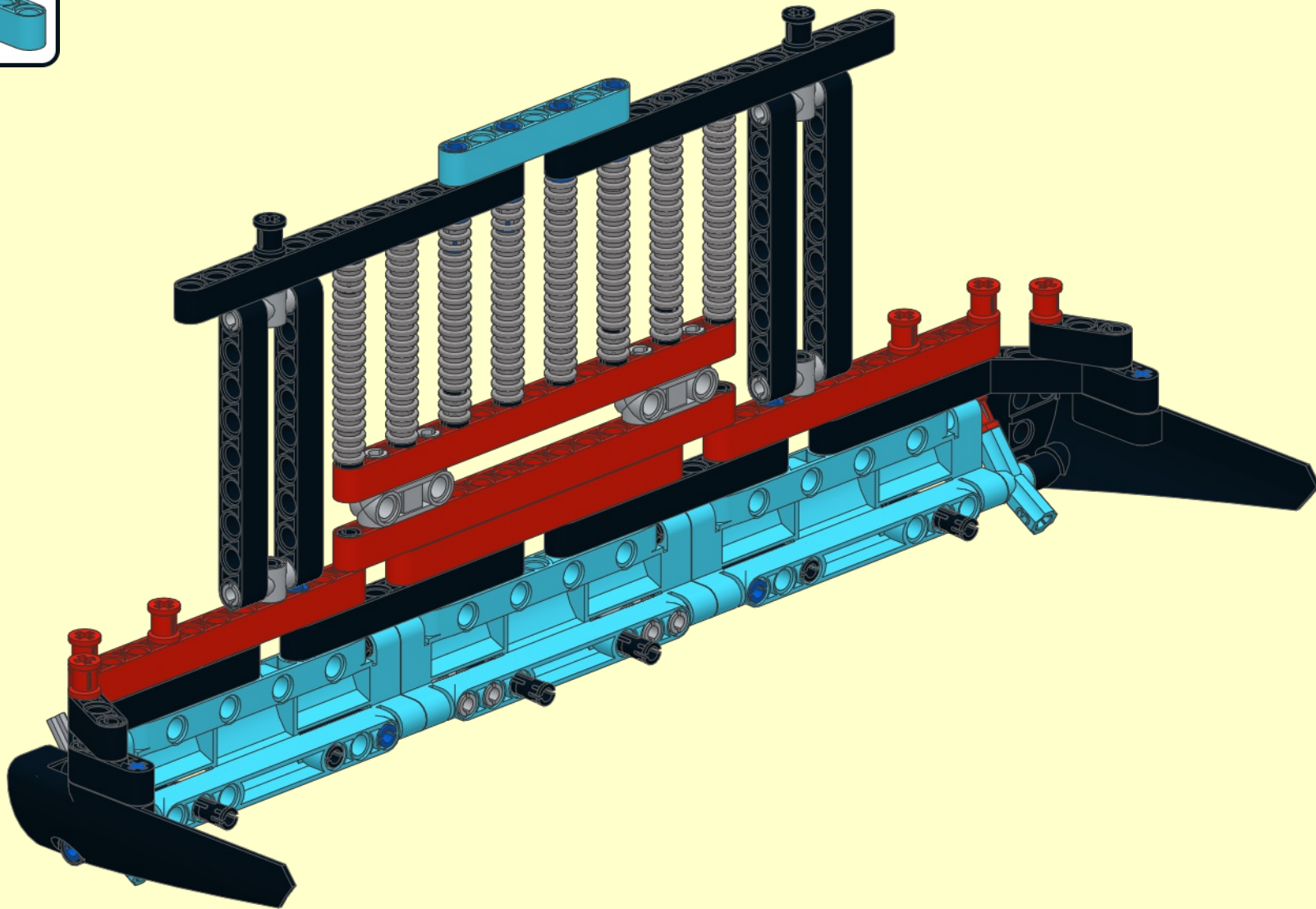
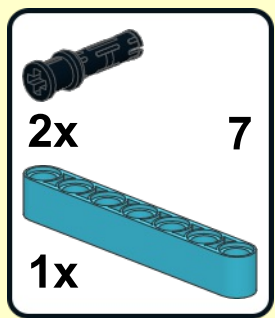
18

13

2x



19



20

