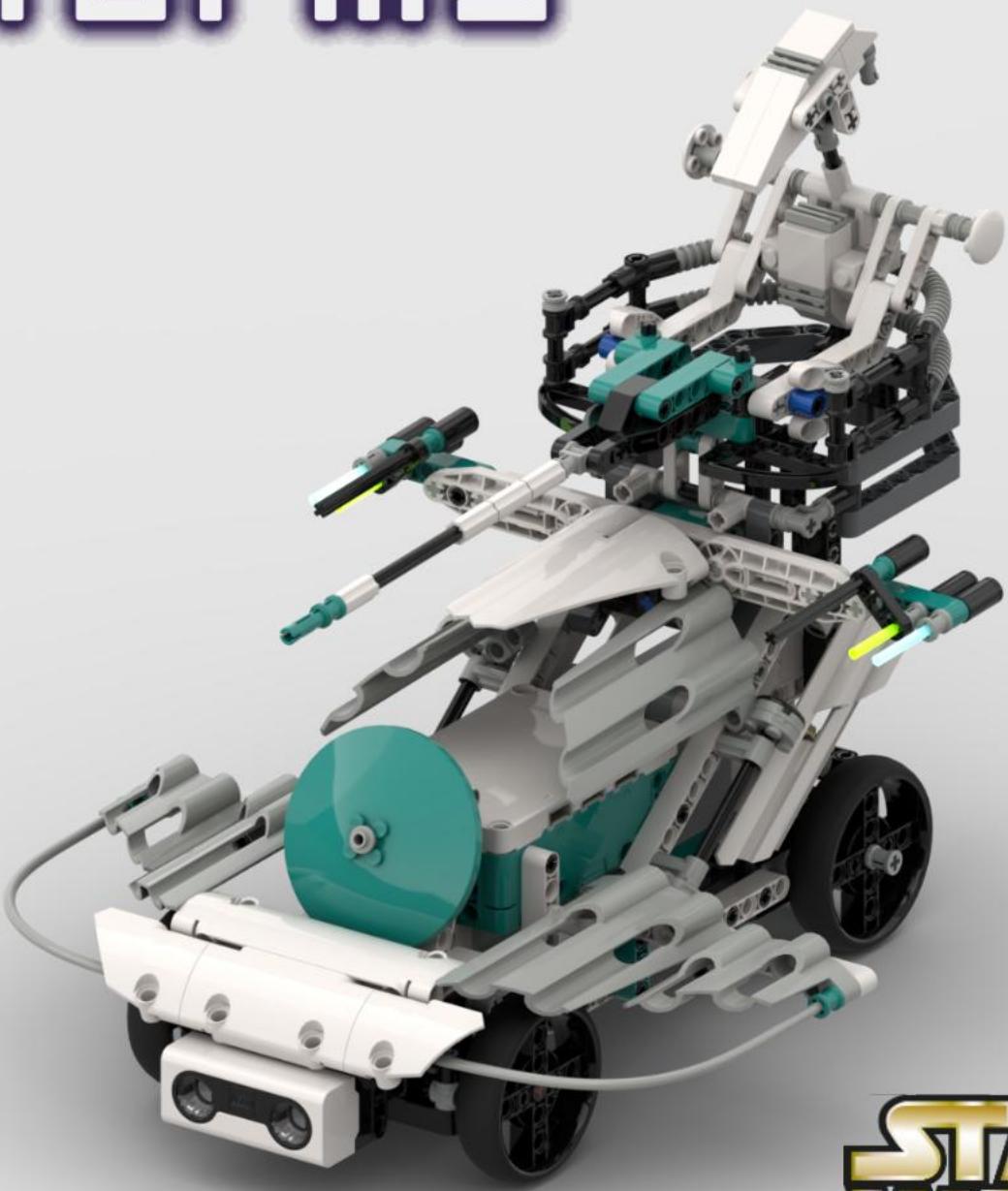




# LEGO MINDSTORMS

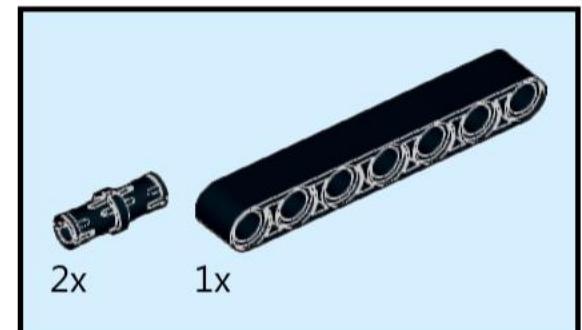
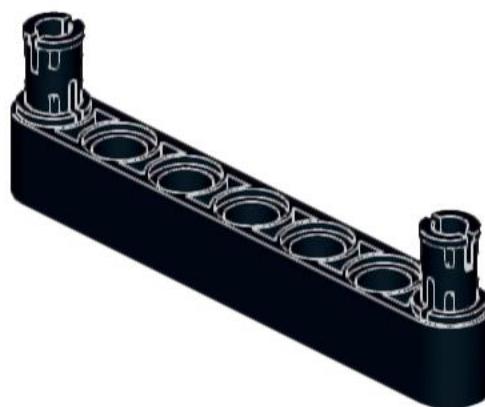
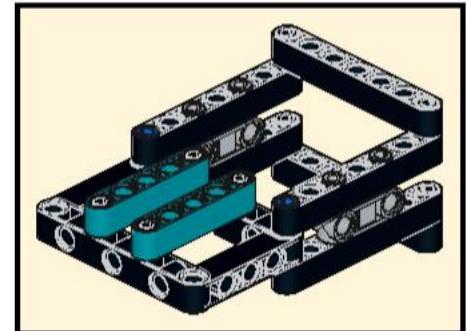


# AAT MS5

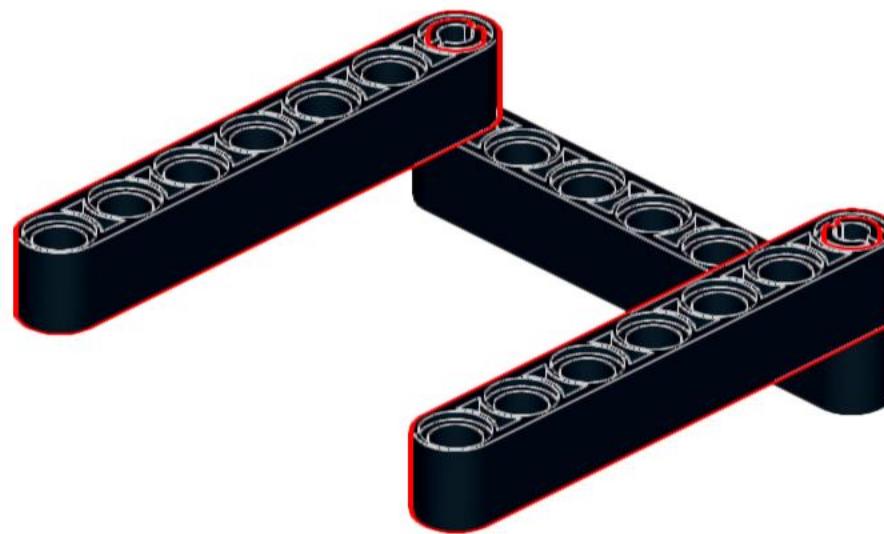
# STAR WARS

C O N S T R U C T O P E D I A

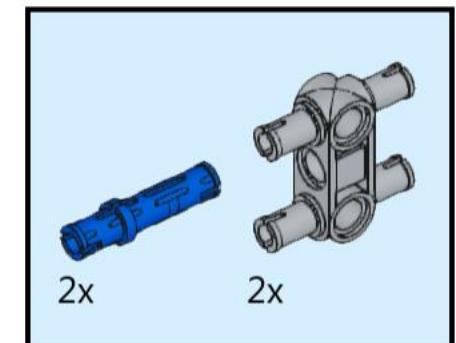
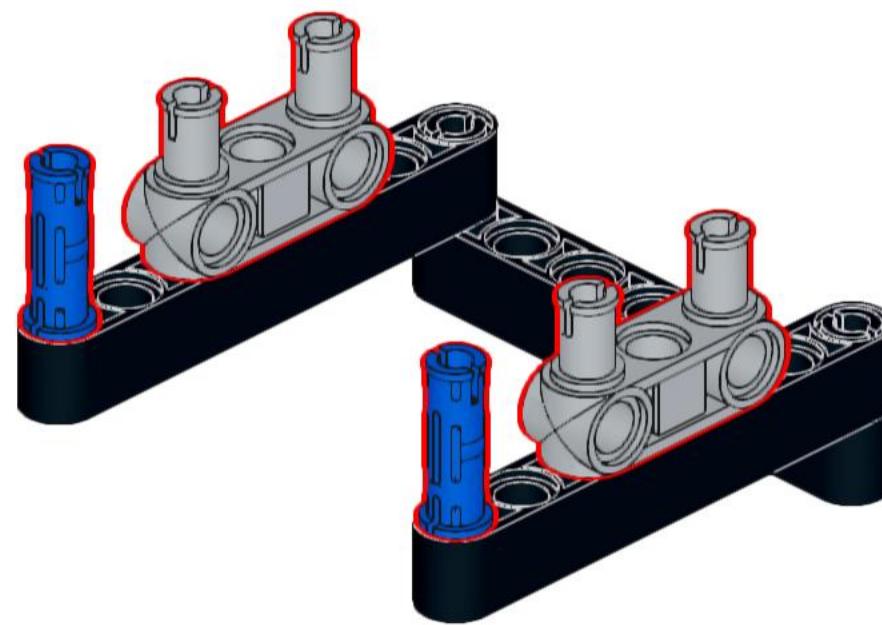
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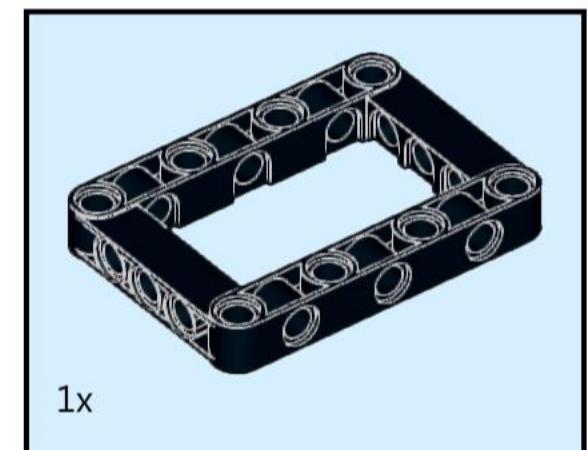
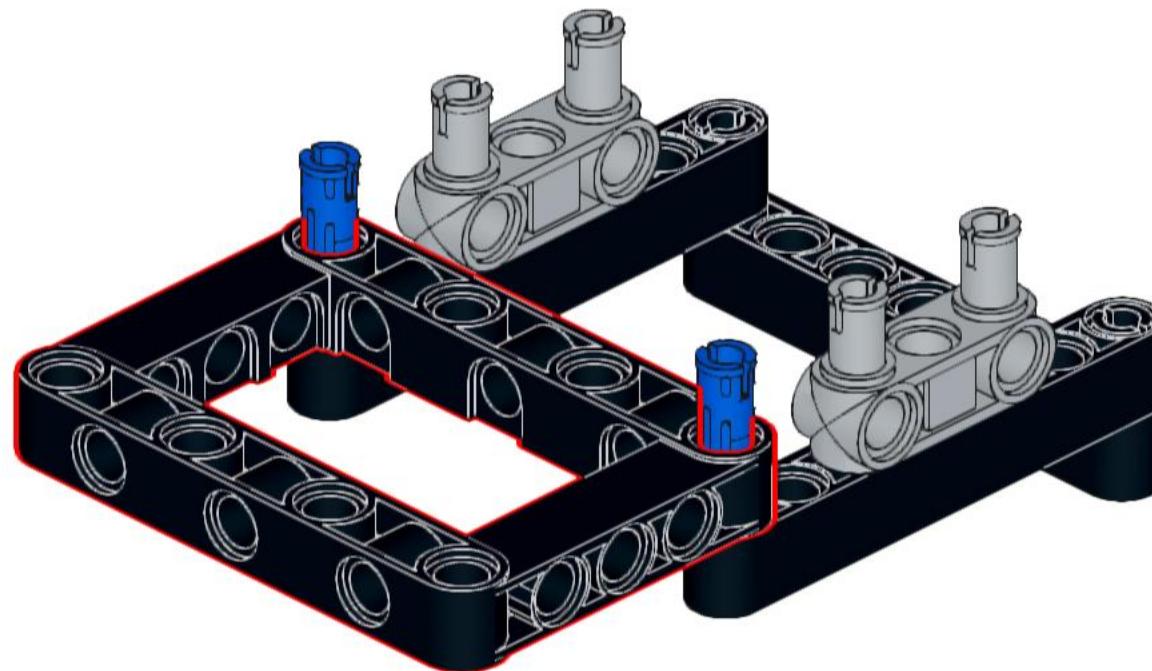
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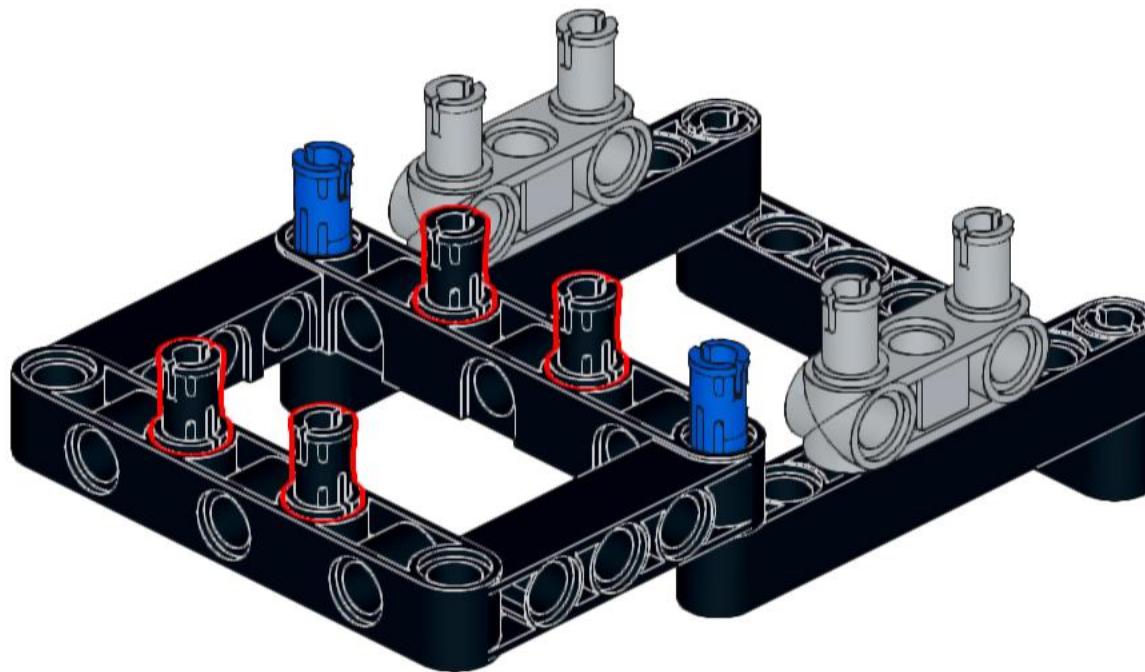
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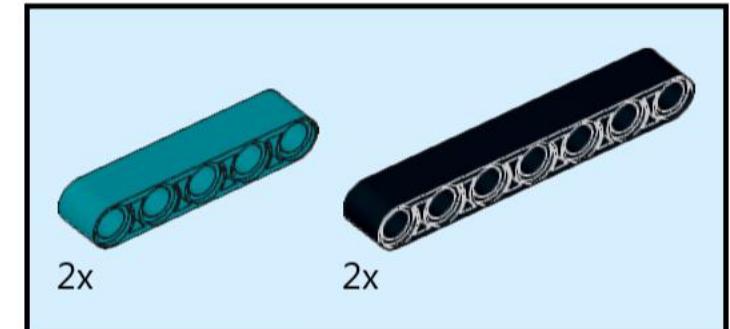
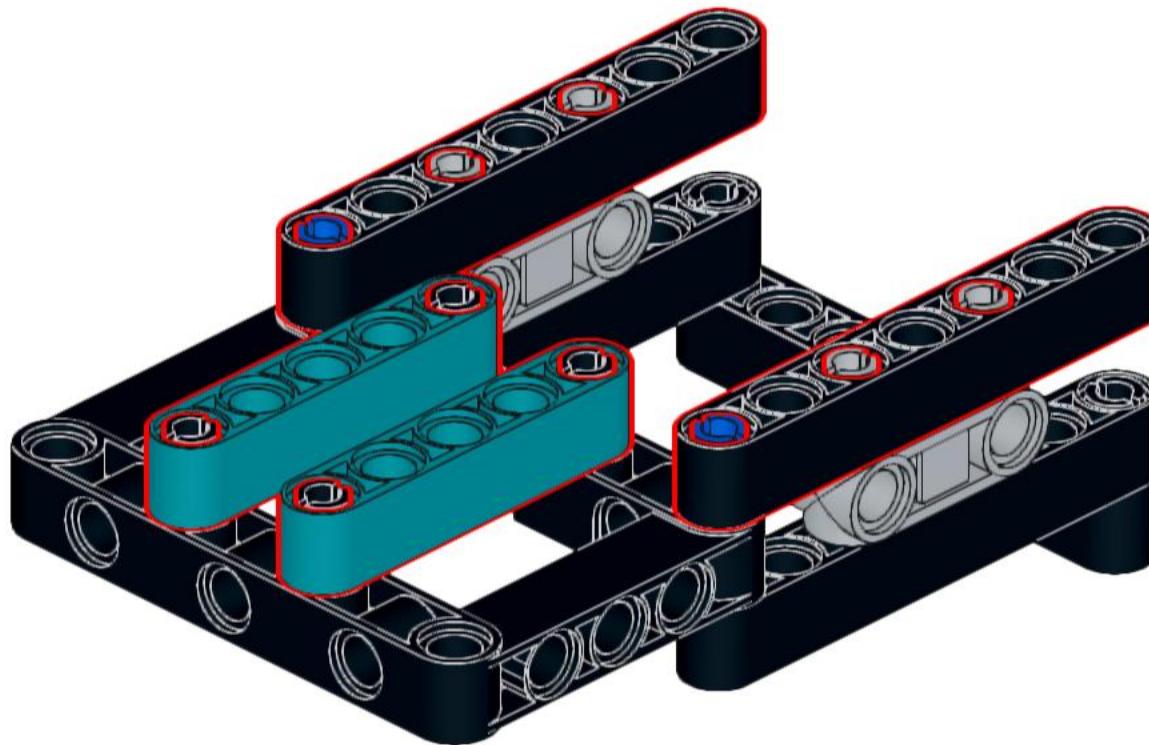
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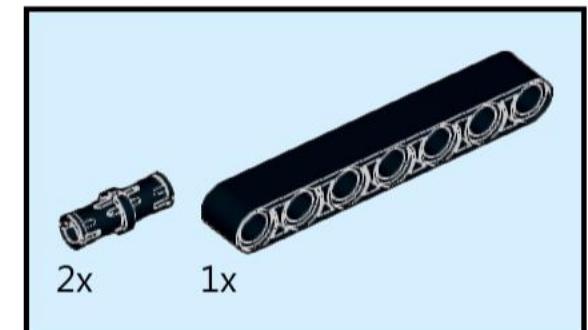
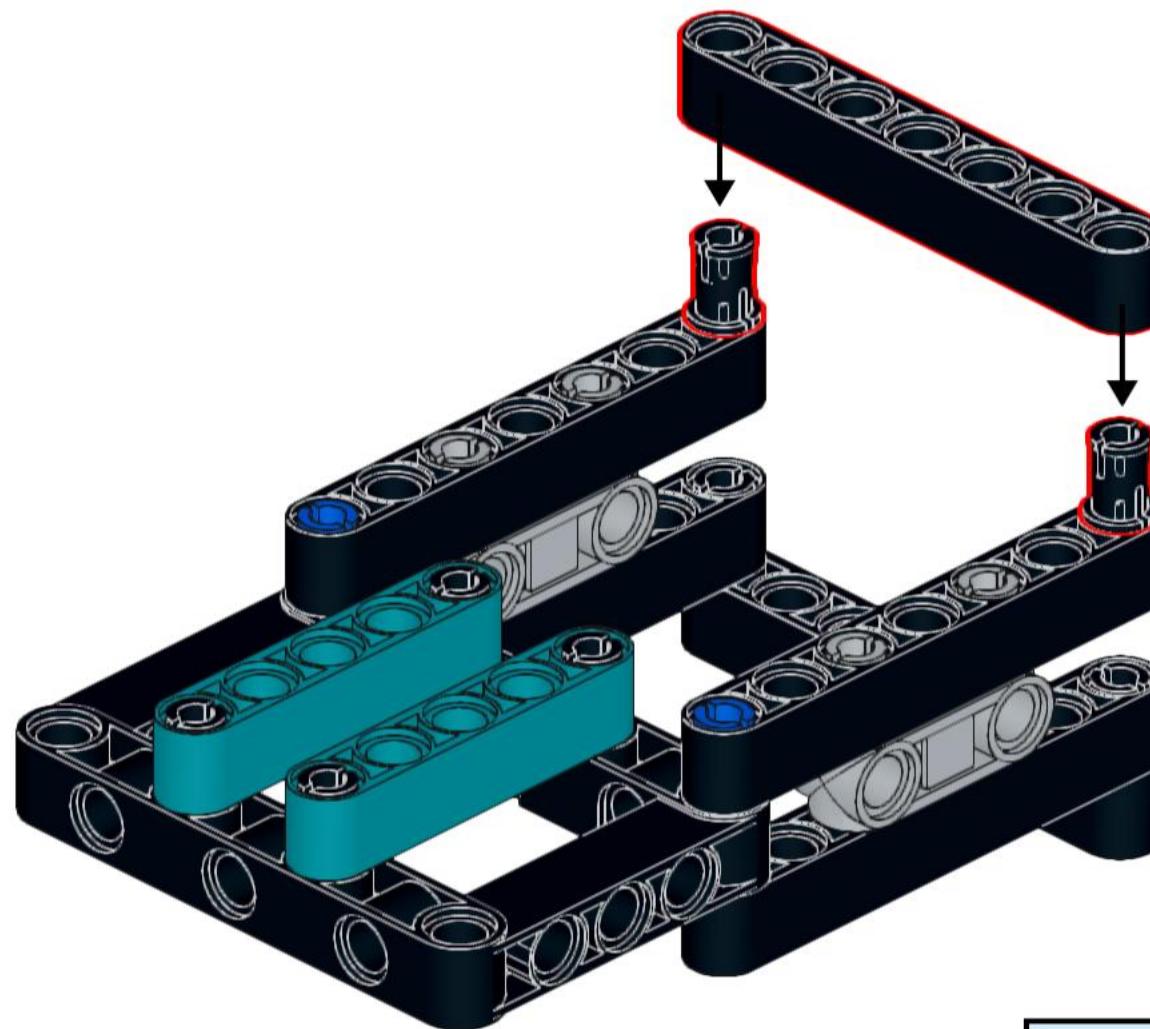
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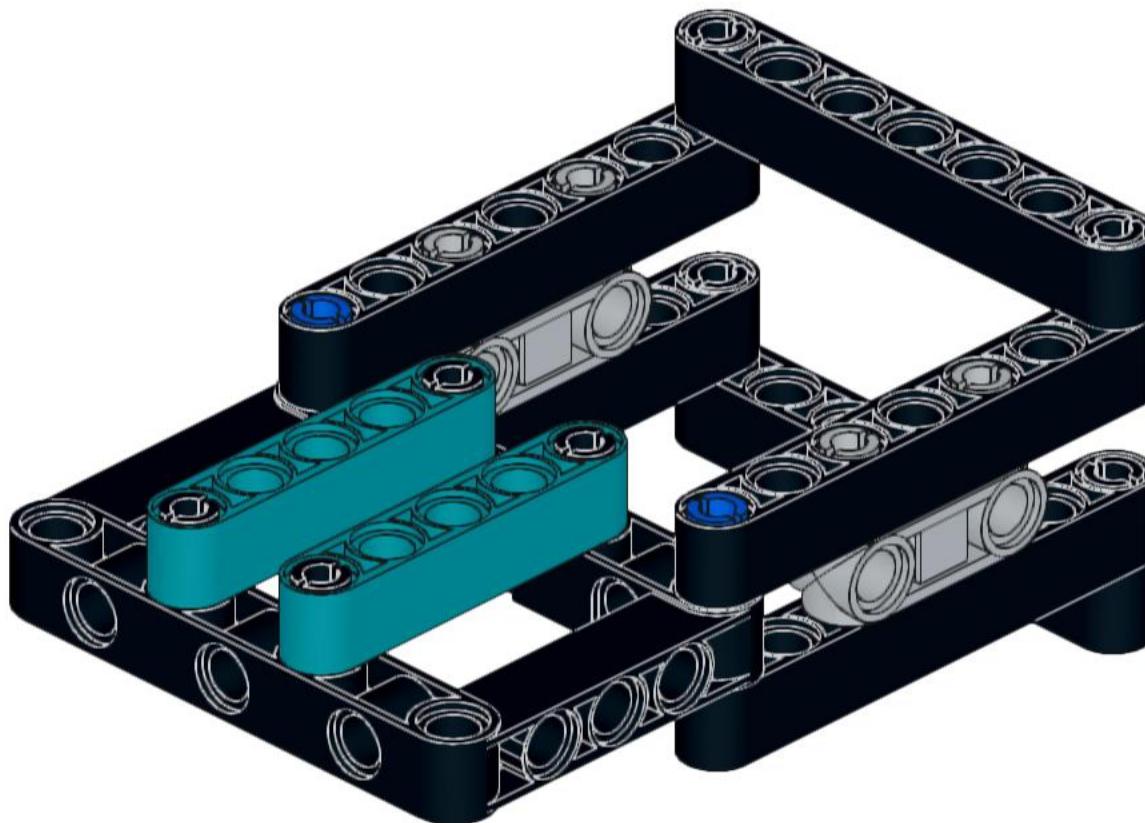
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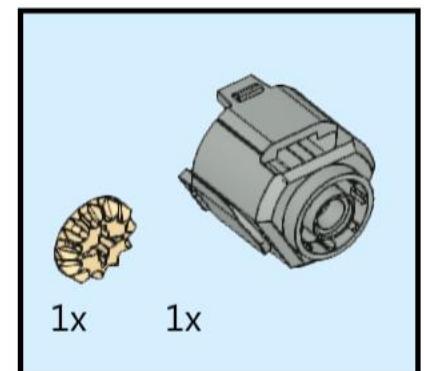
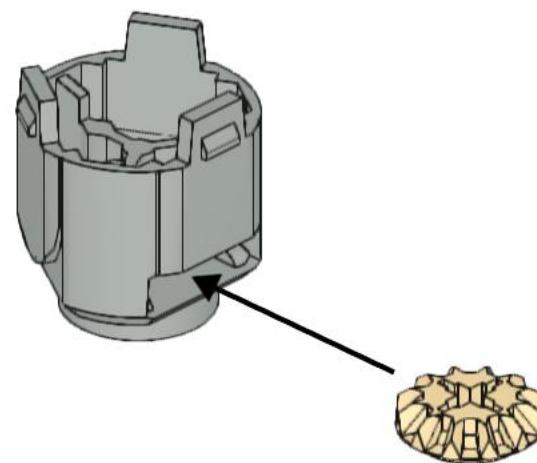
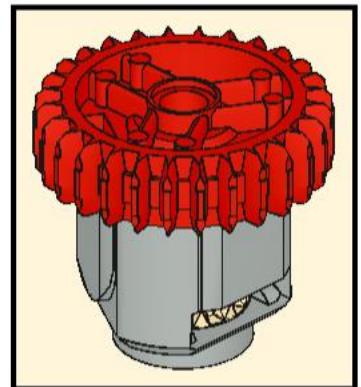
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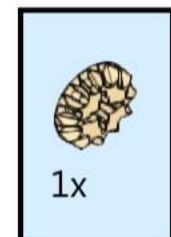
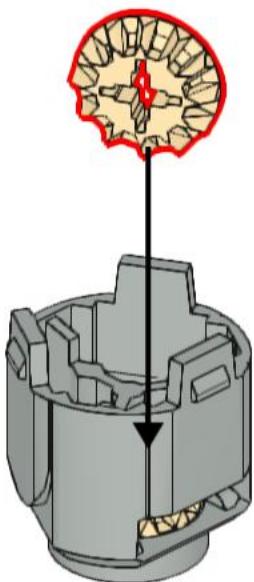
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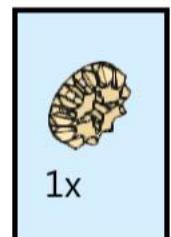
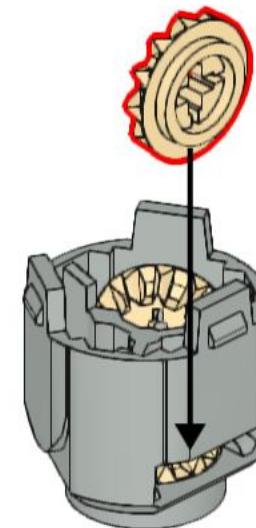
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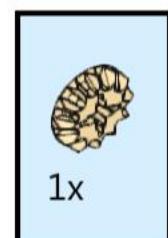
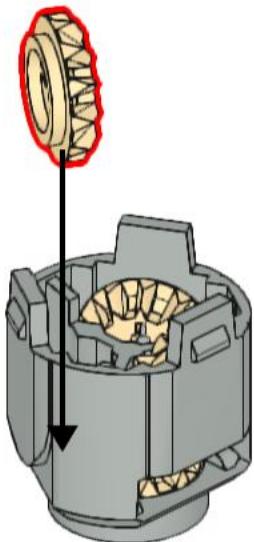
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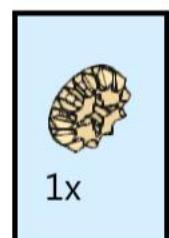
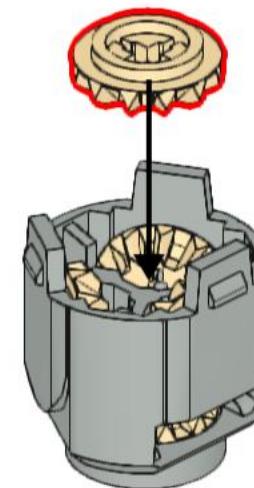
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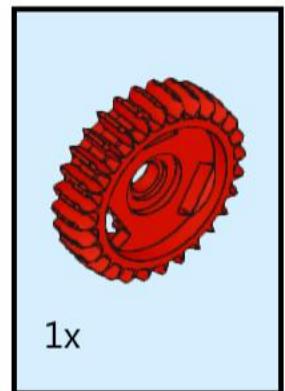
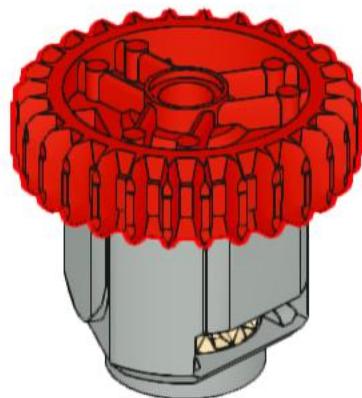
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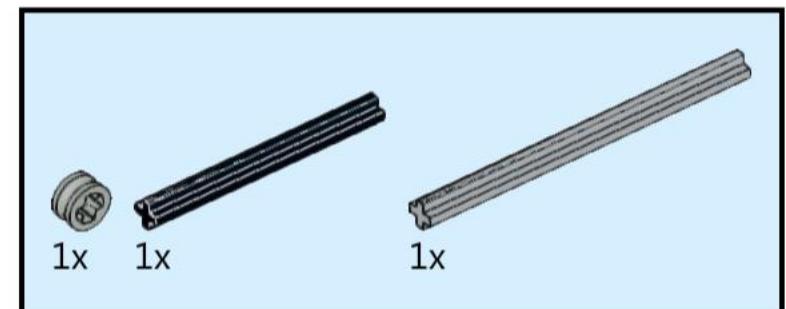
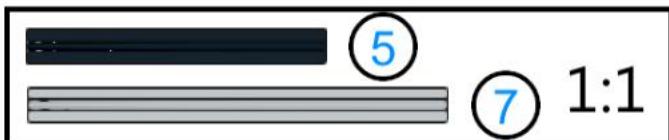
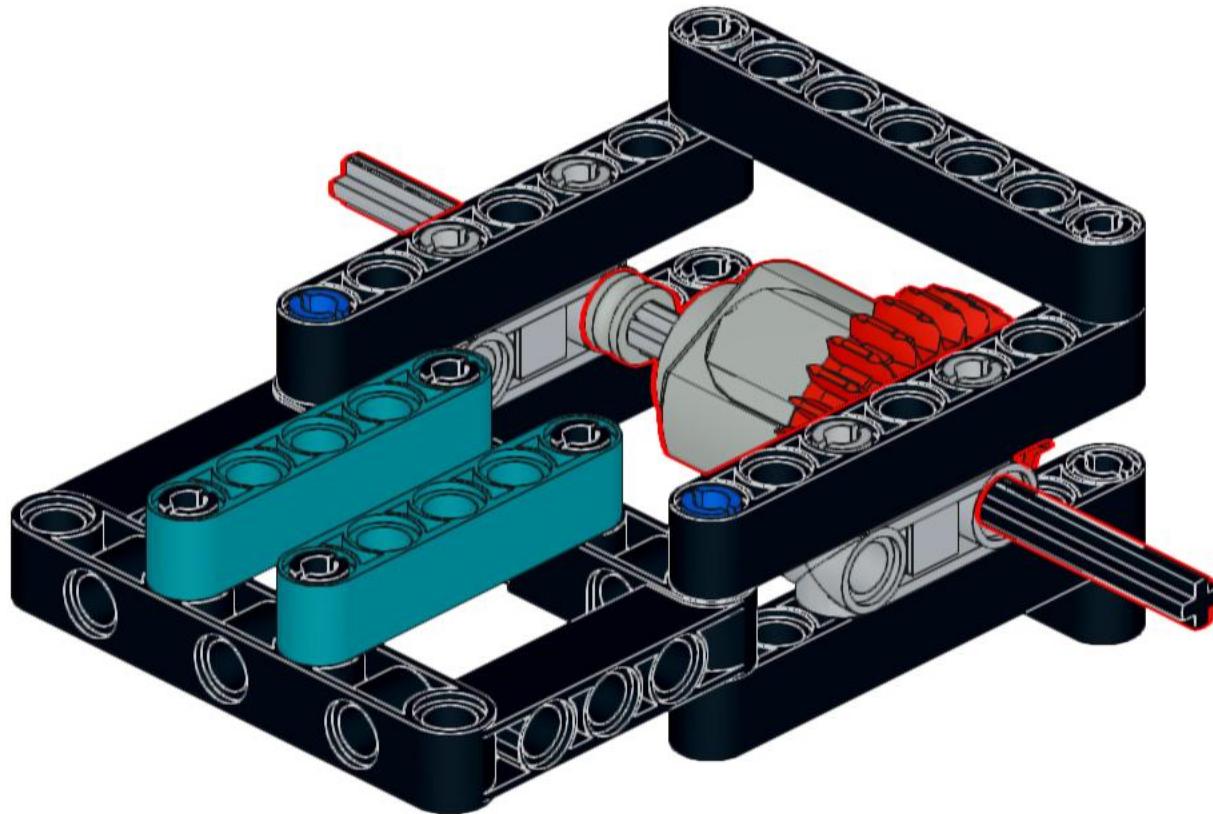
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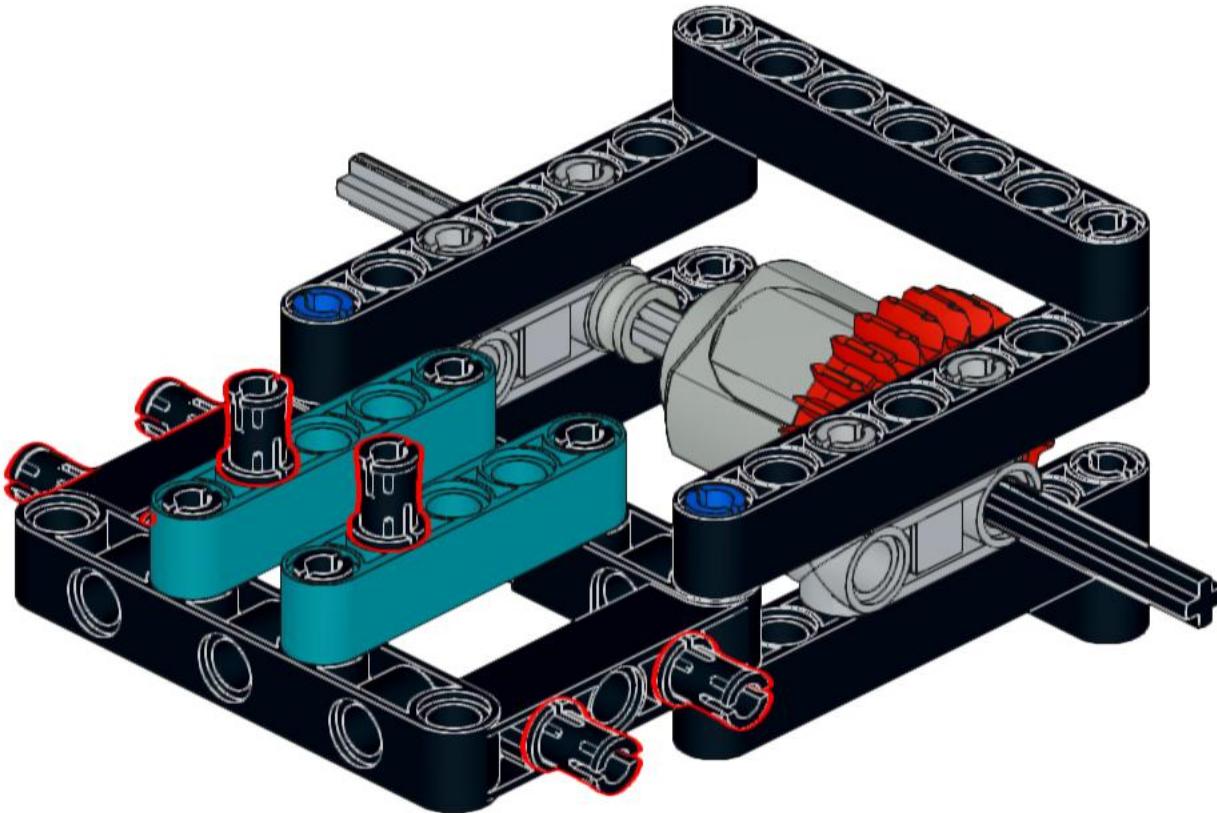
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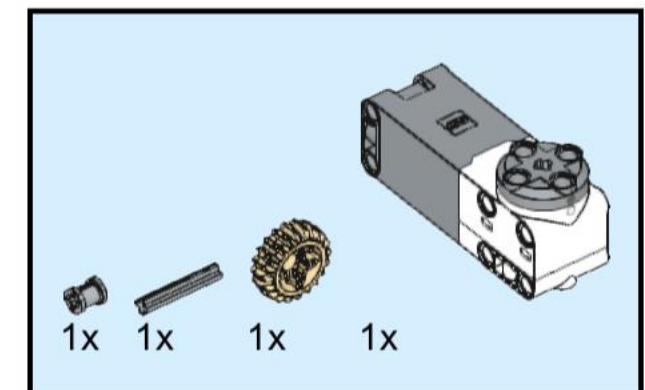
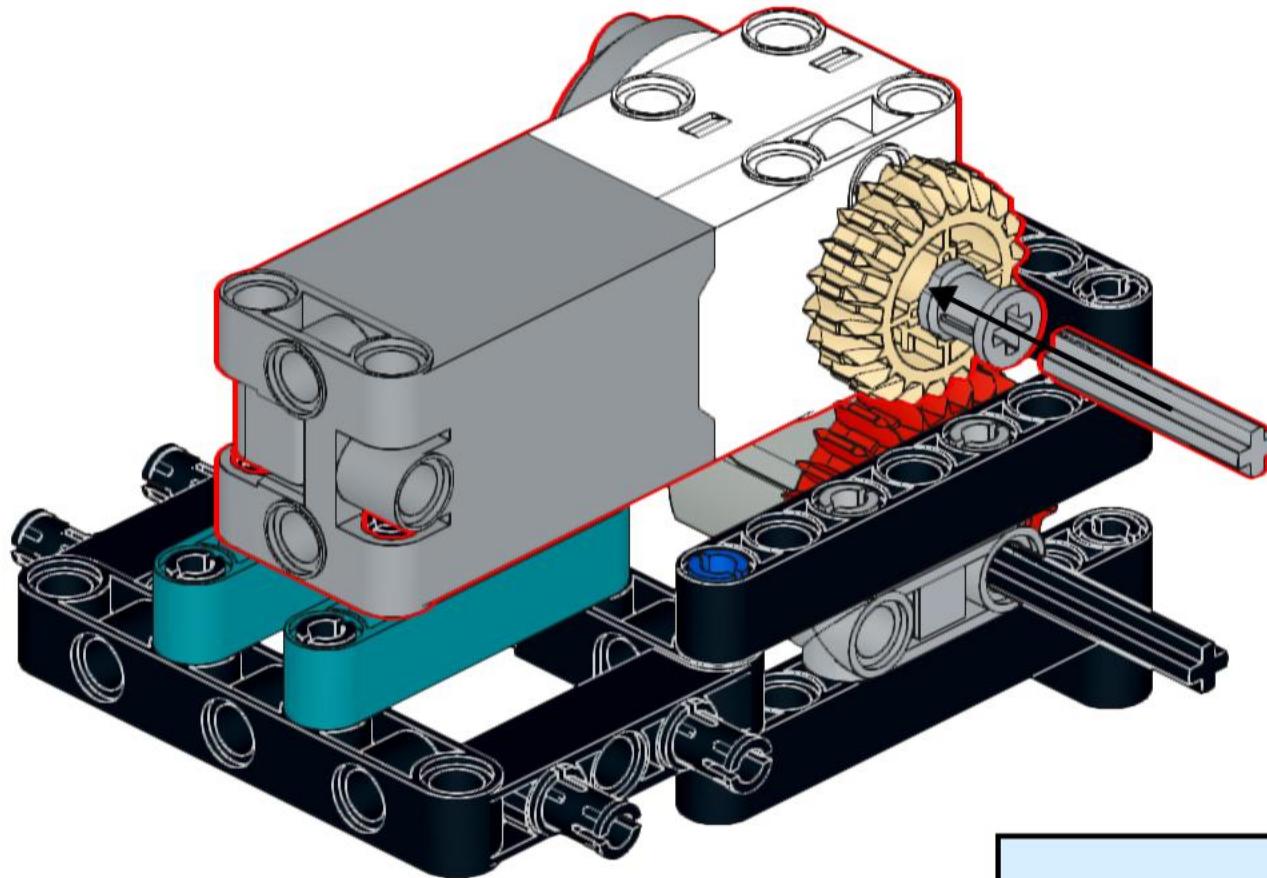
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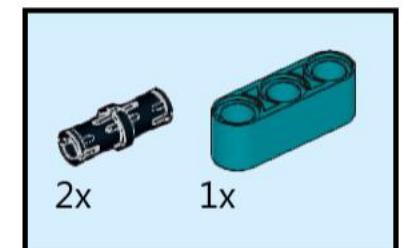
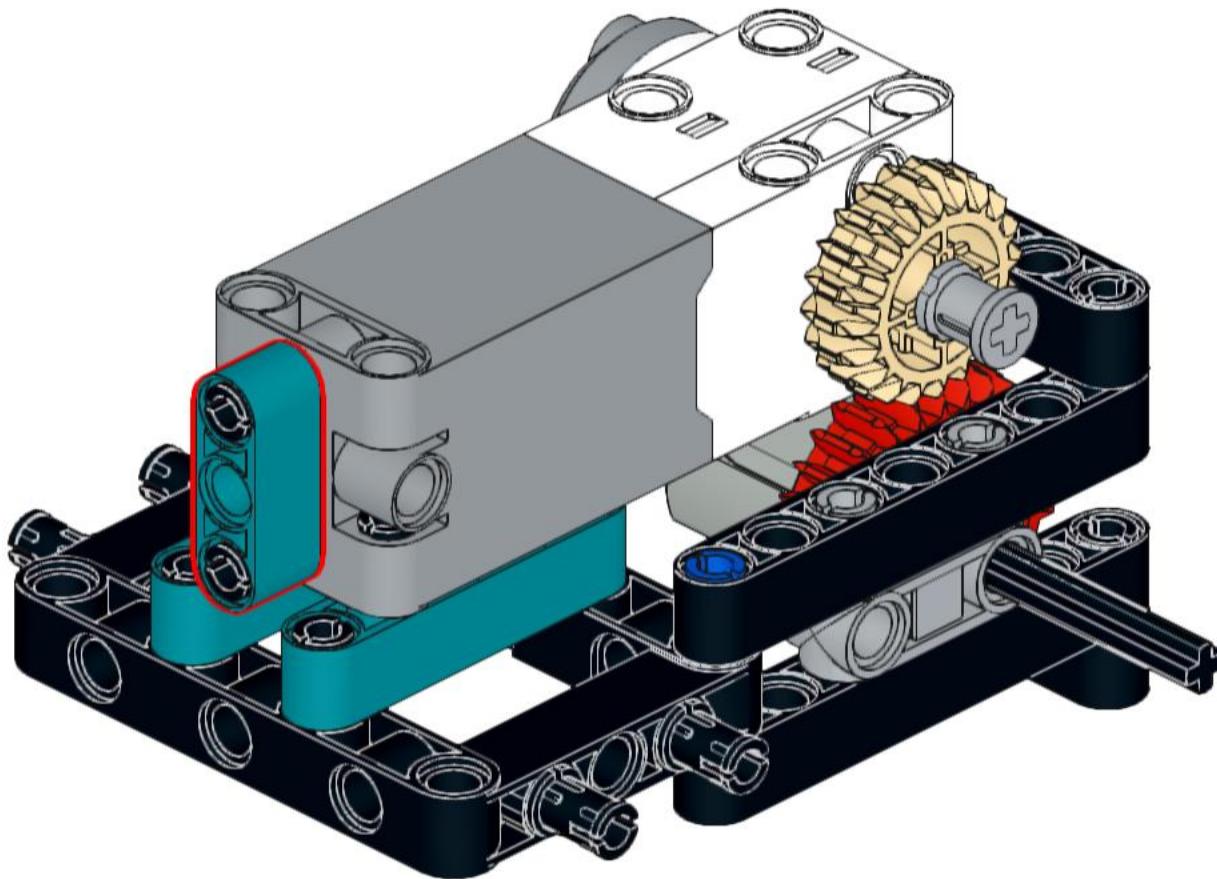
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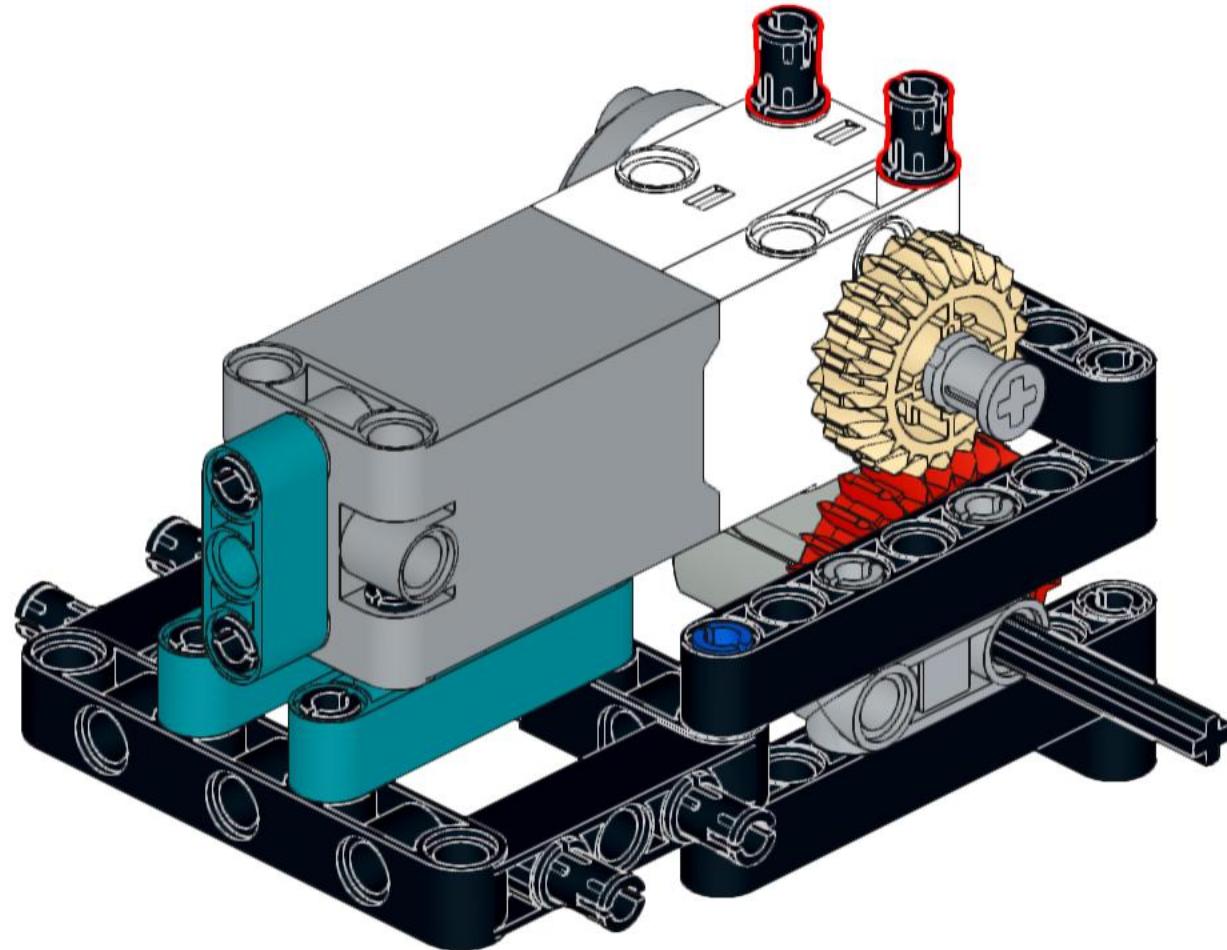
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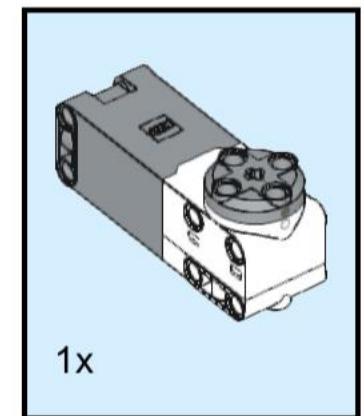
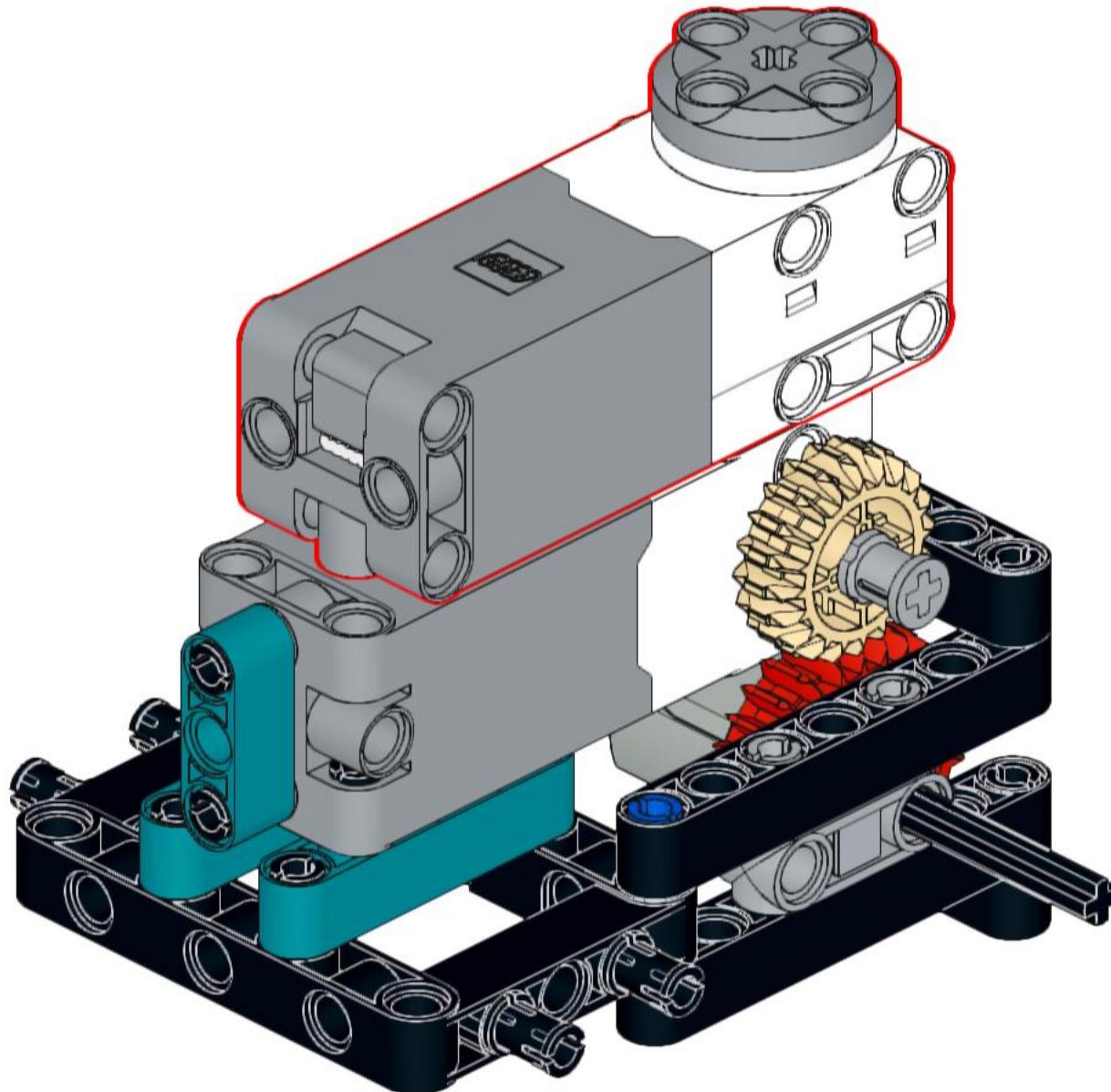
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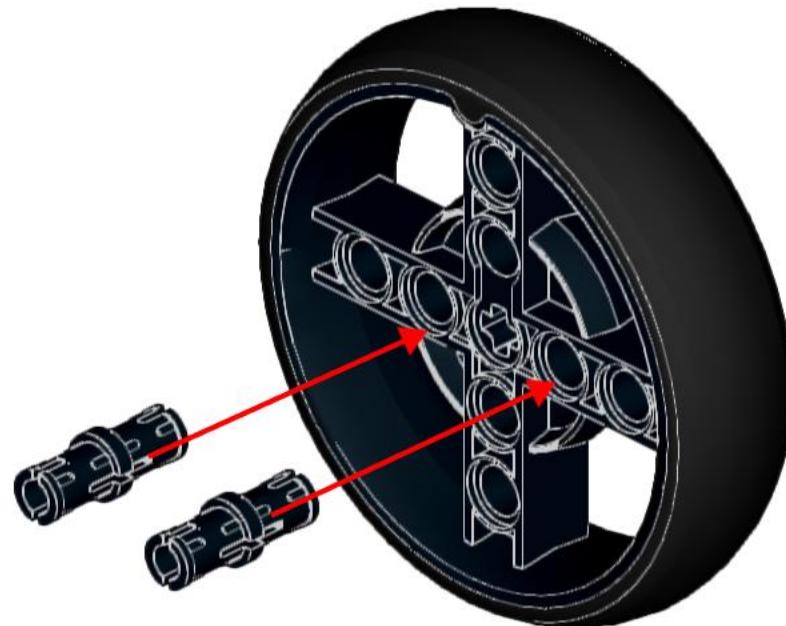
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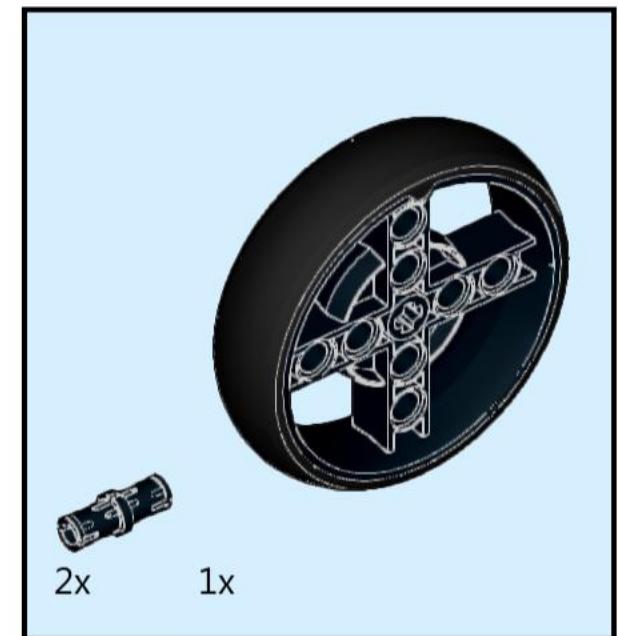
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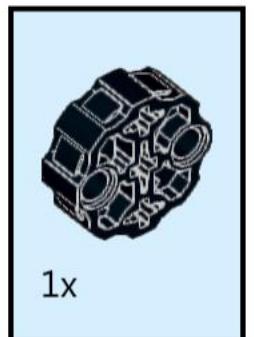
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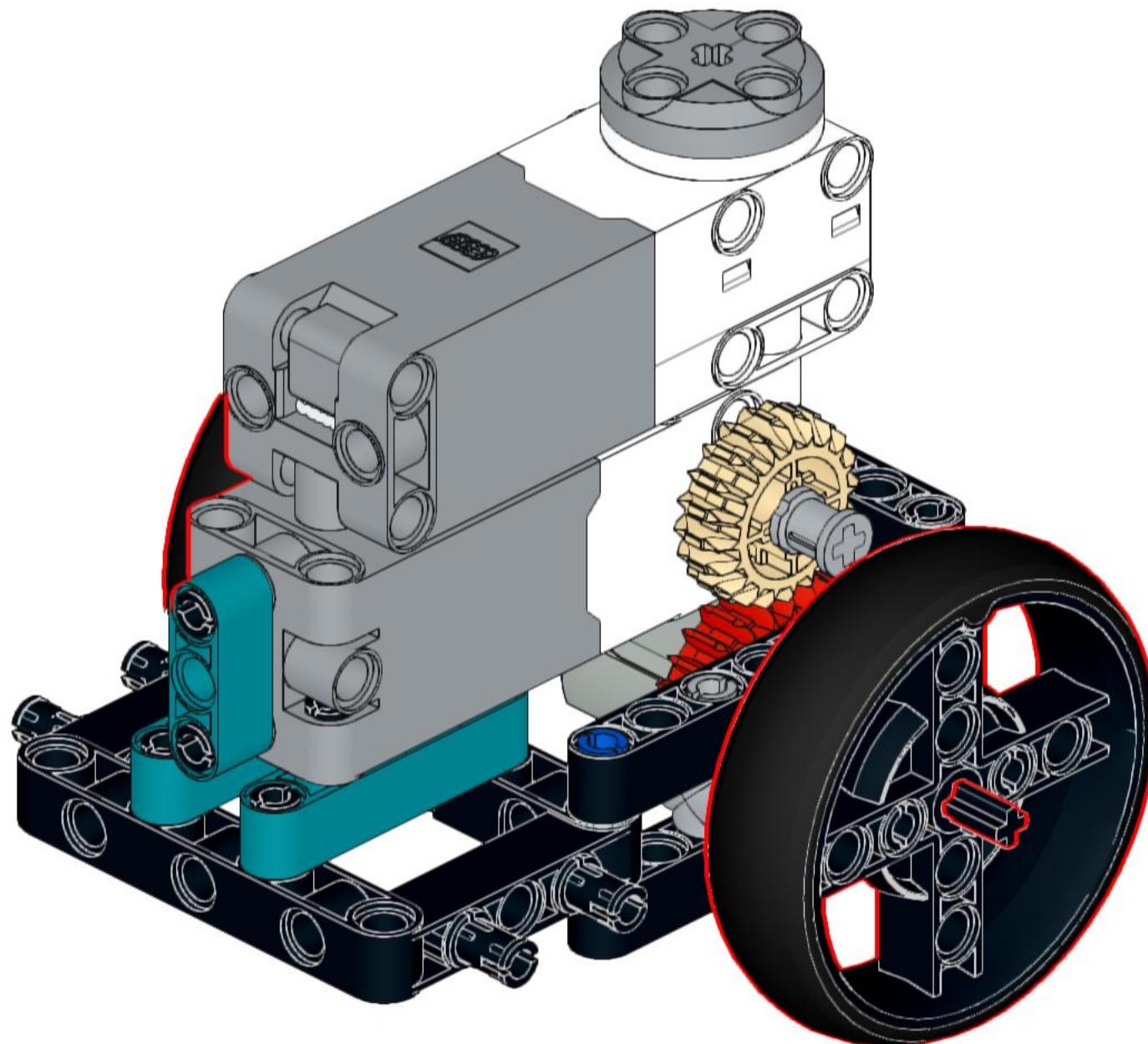
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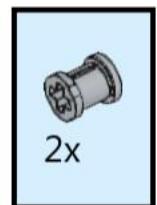
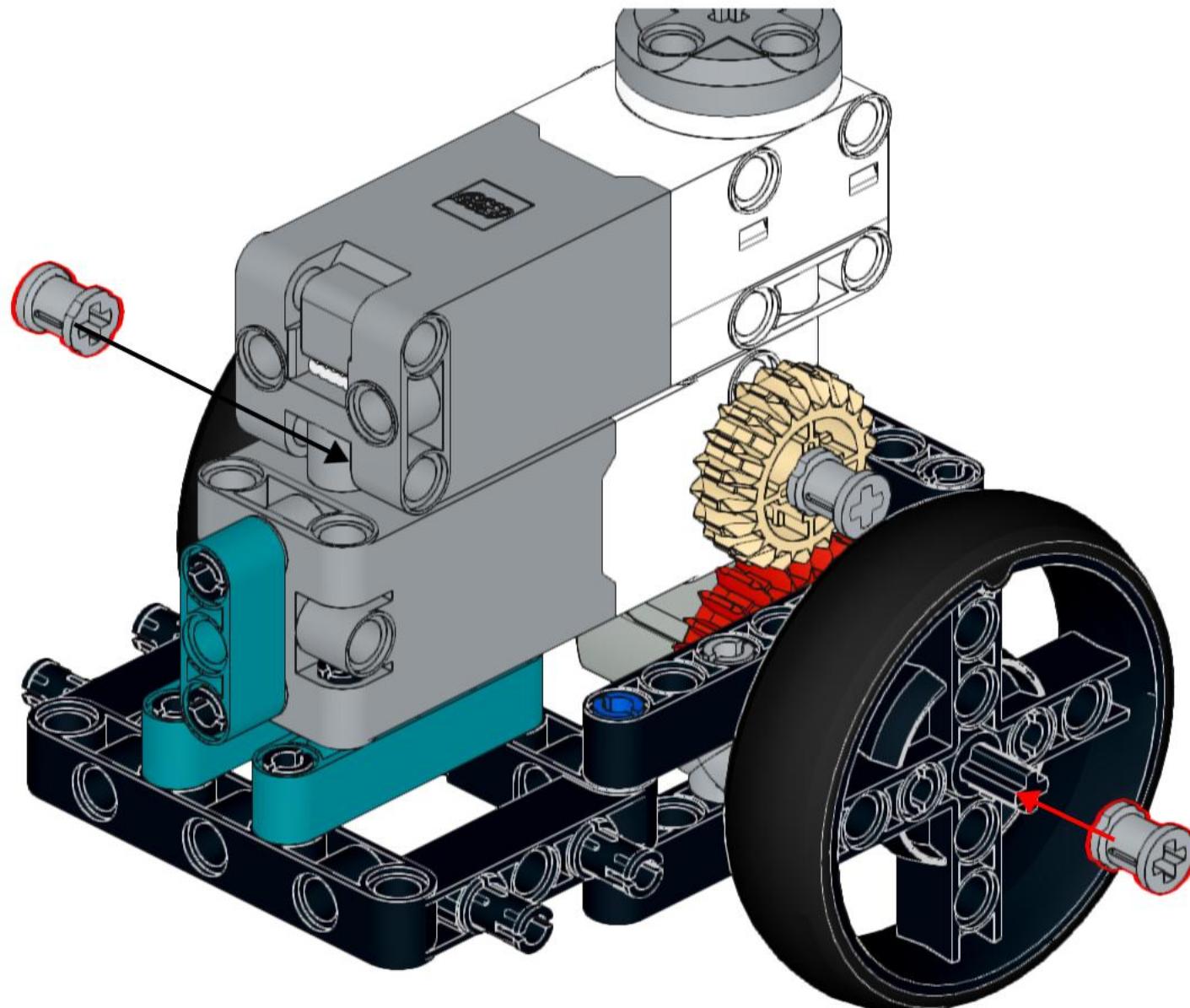
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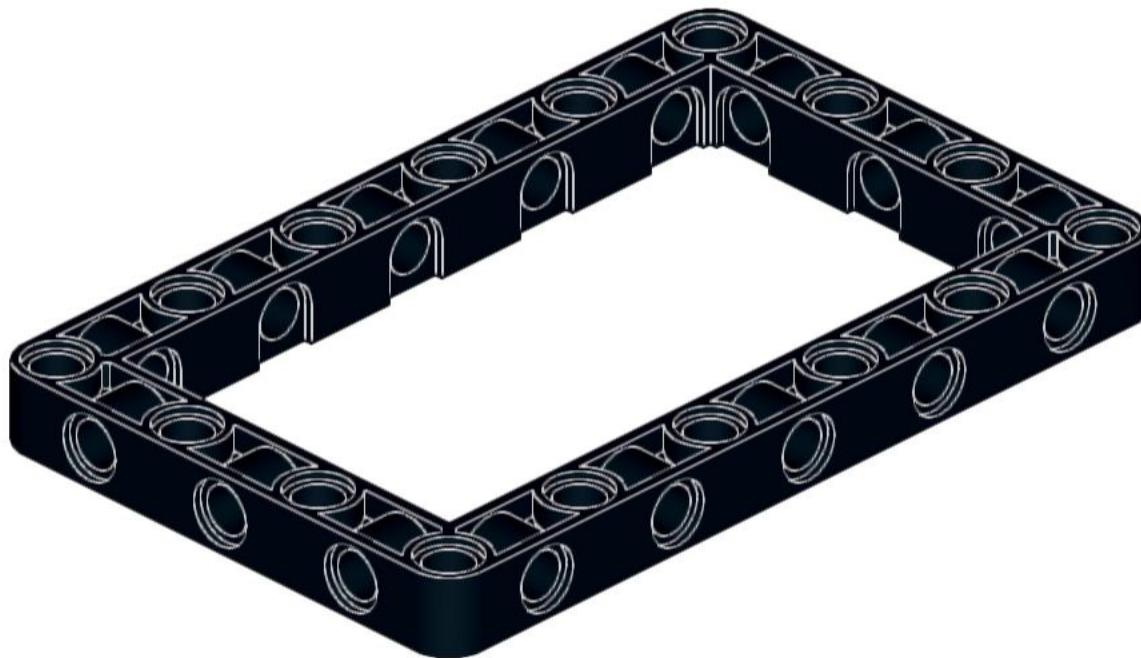
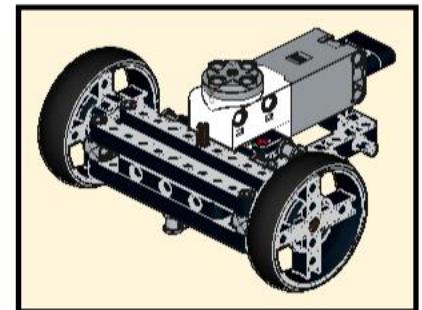
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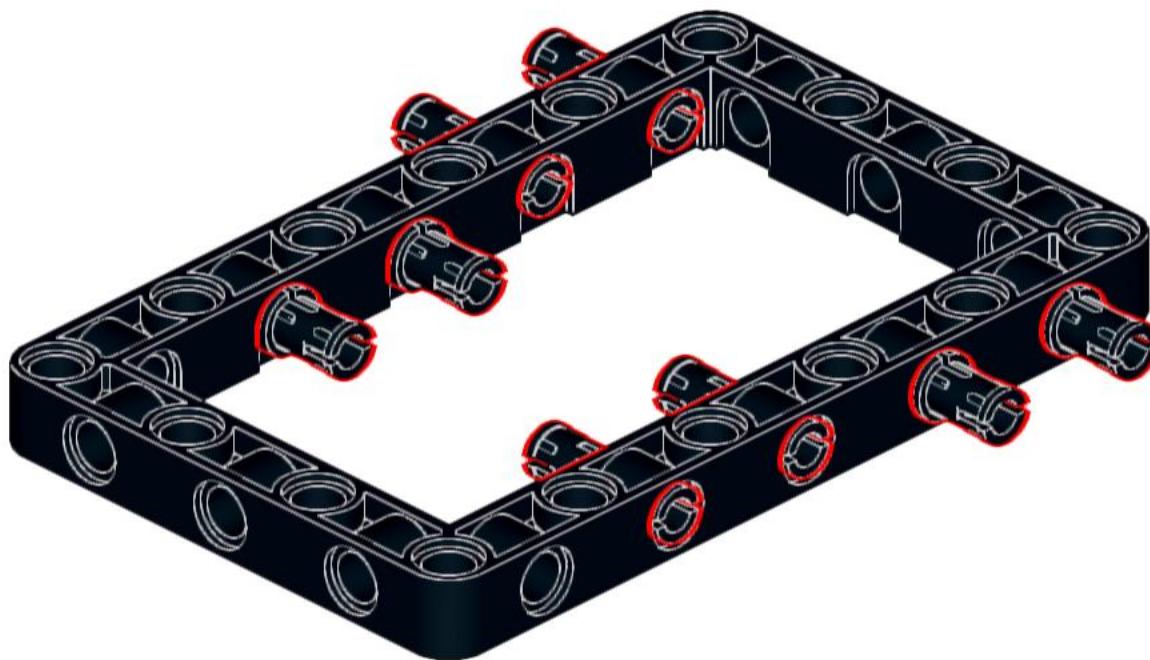
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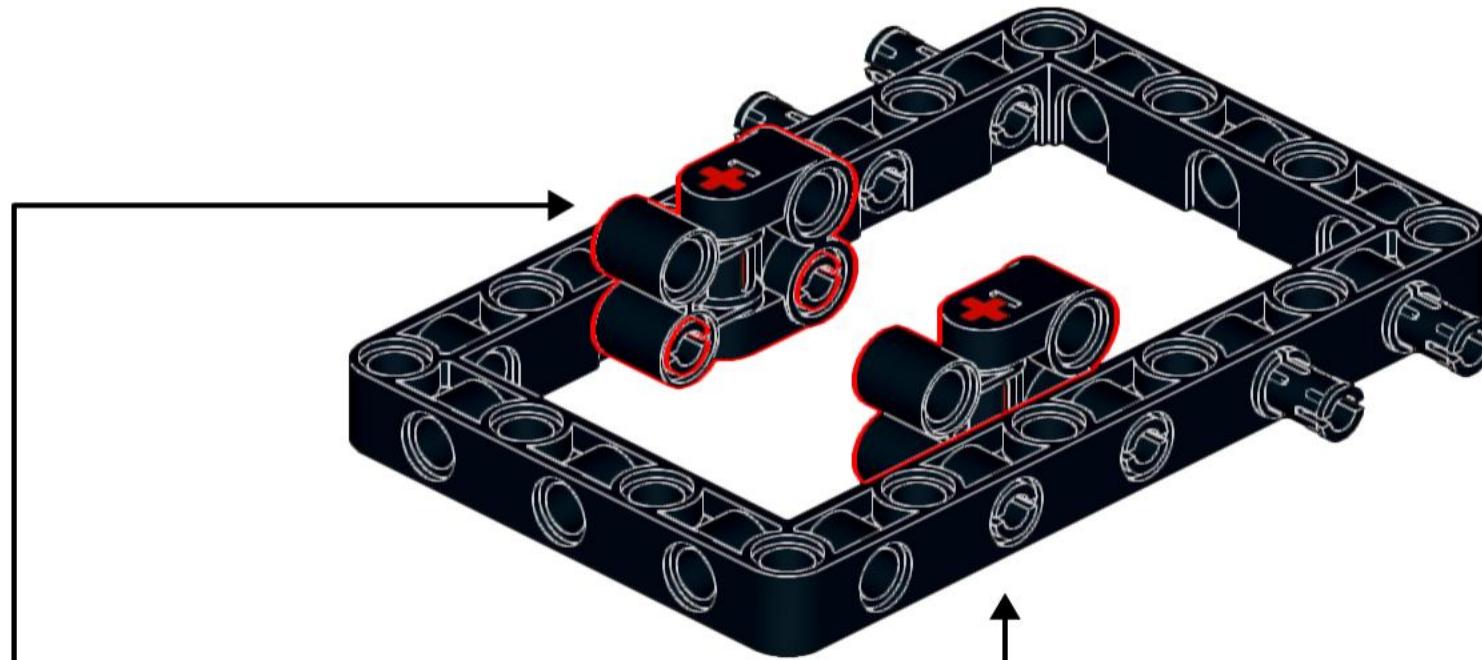


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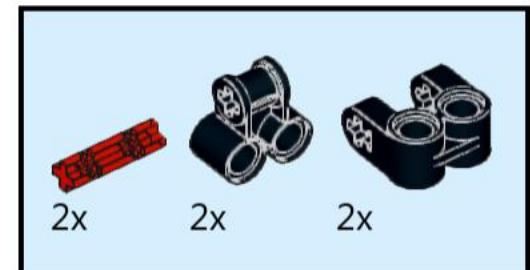
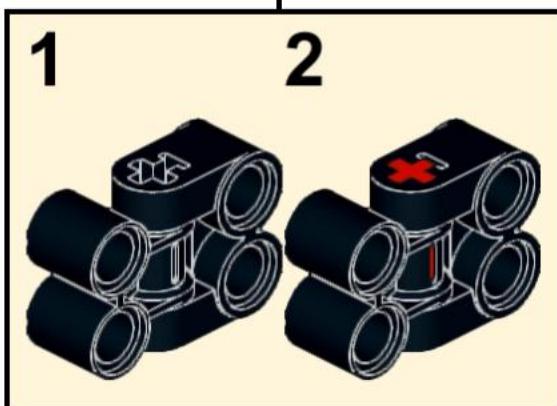


8x

**27**



**2x**

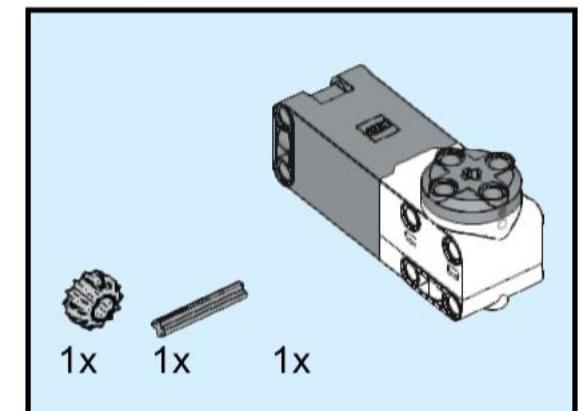
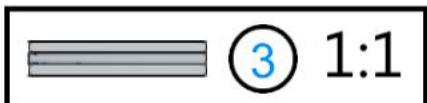
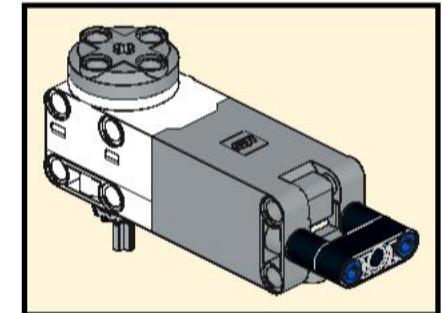
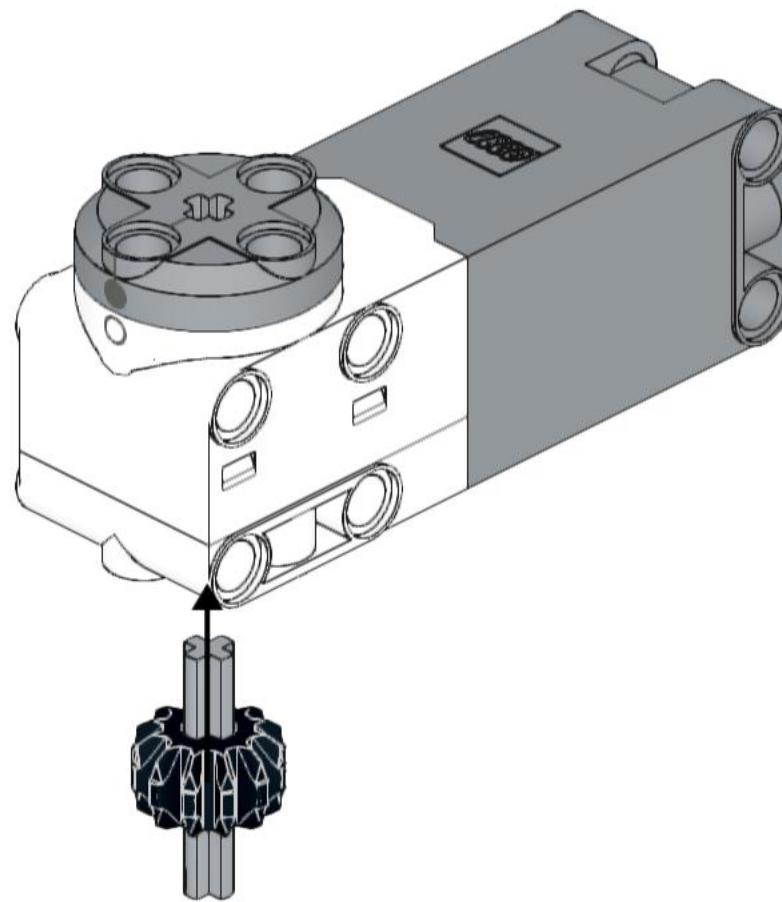


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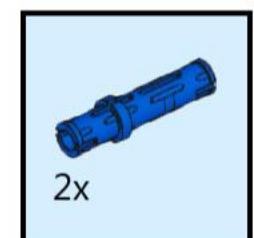
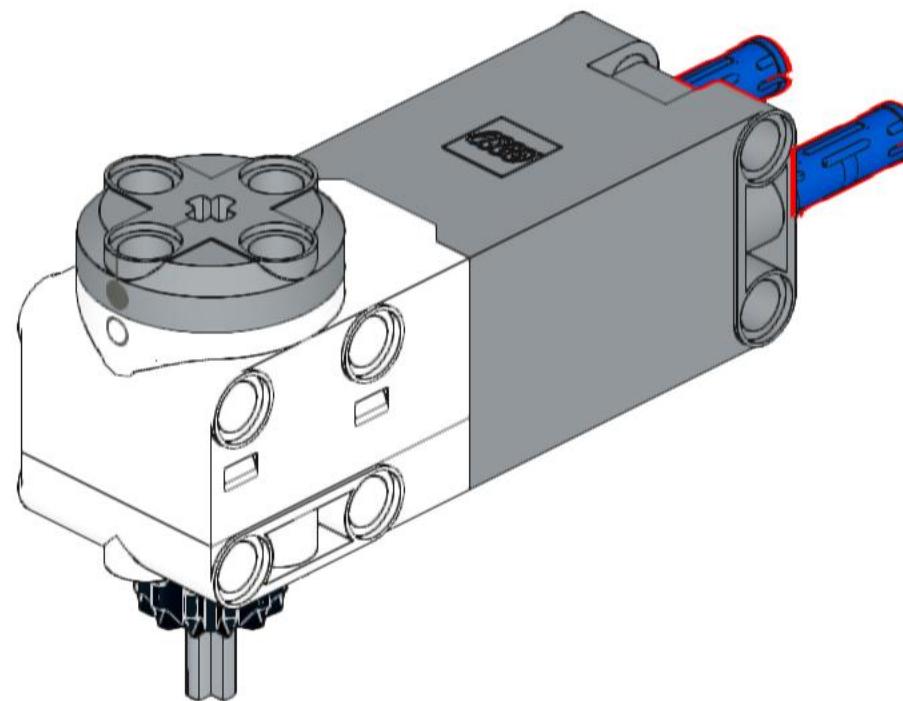
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**2x**

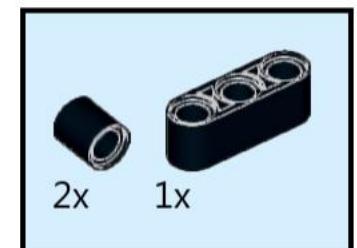
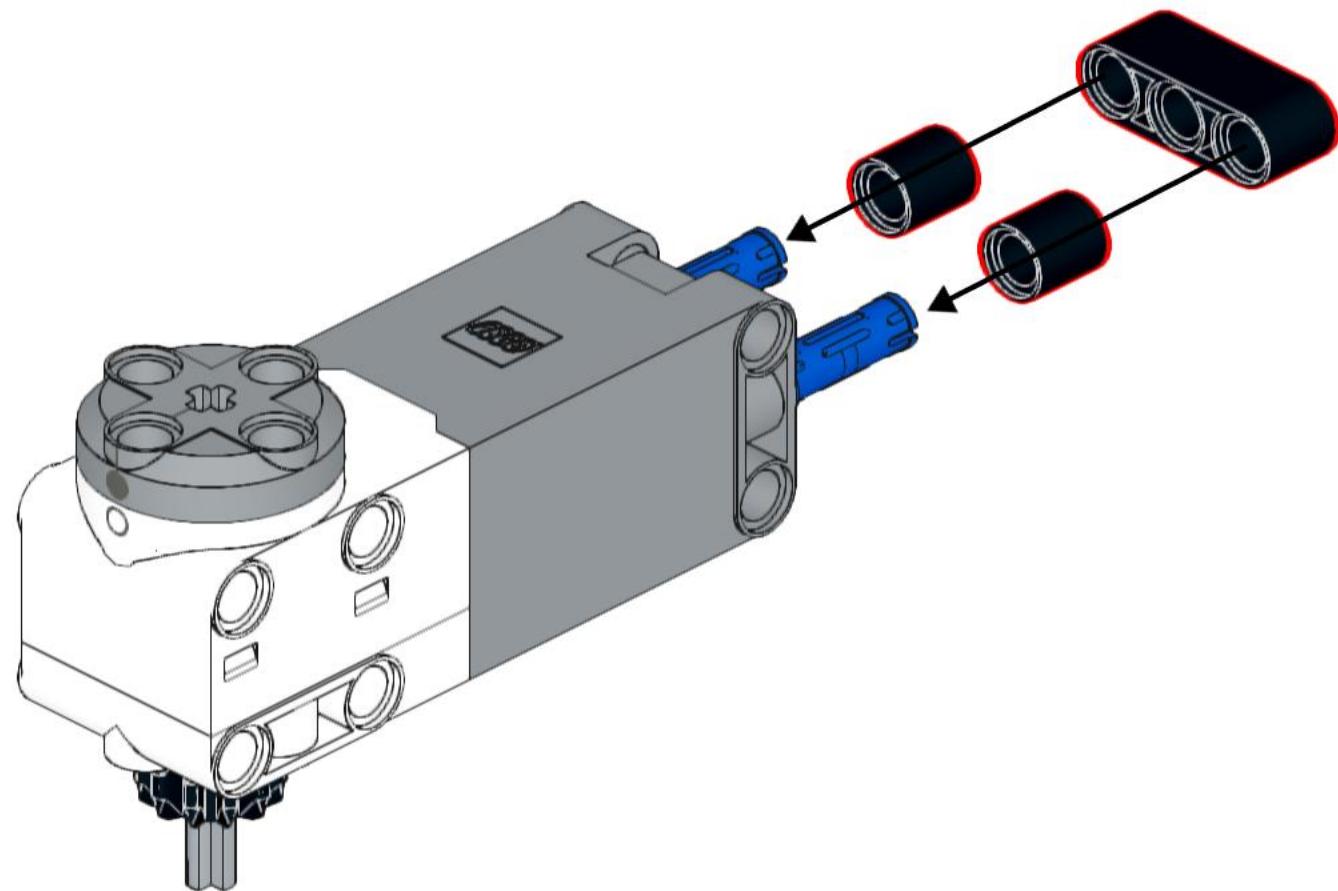
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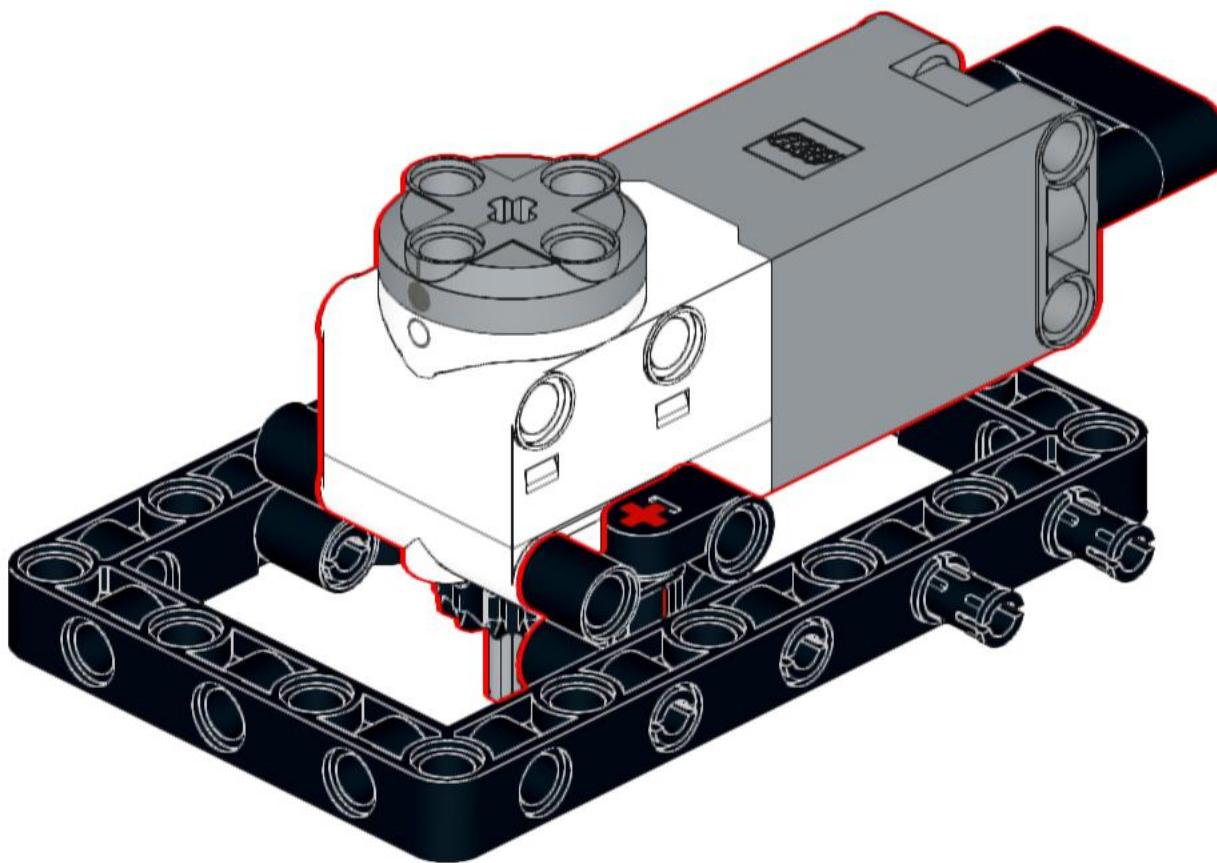
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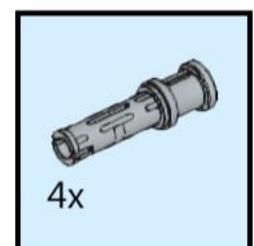
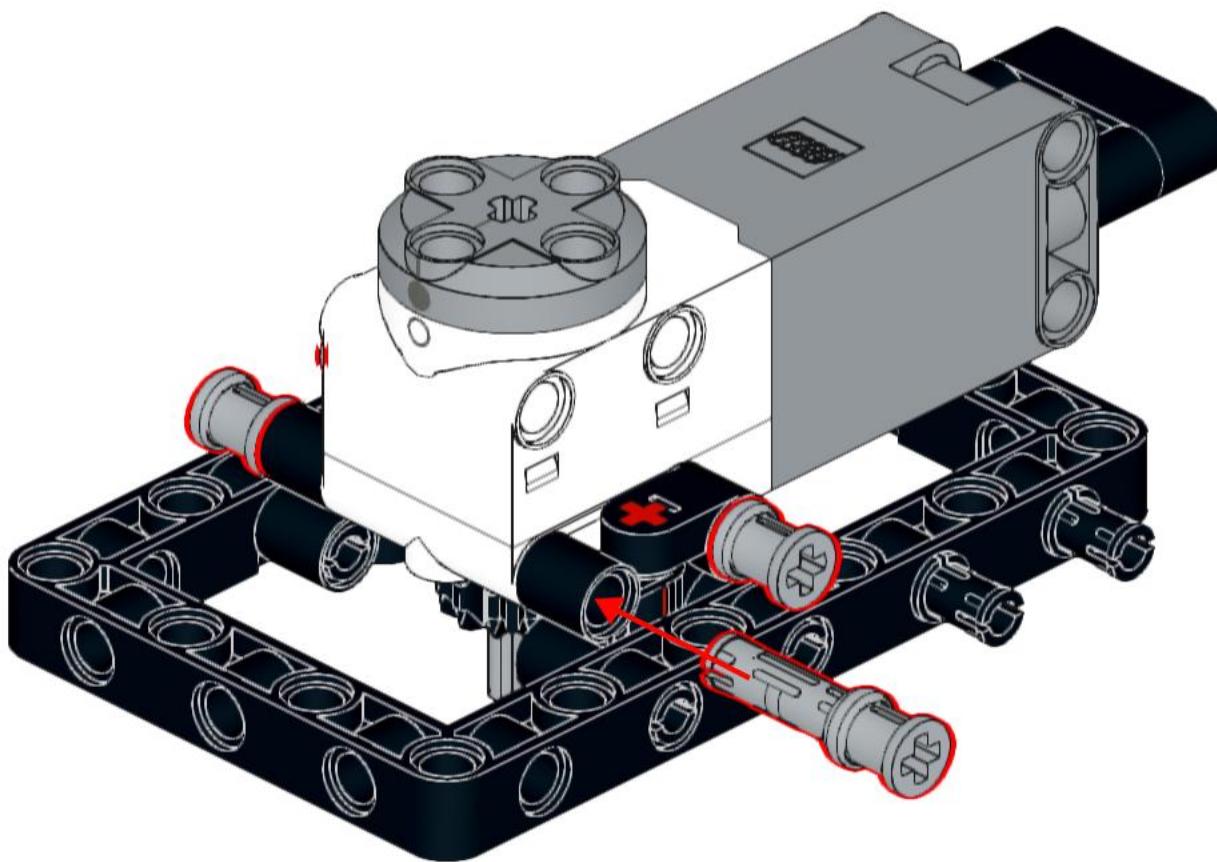
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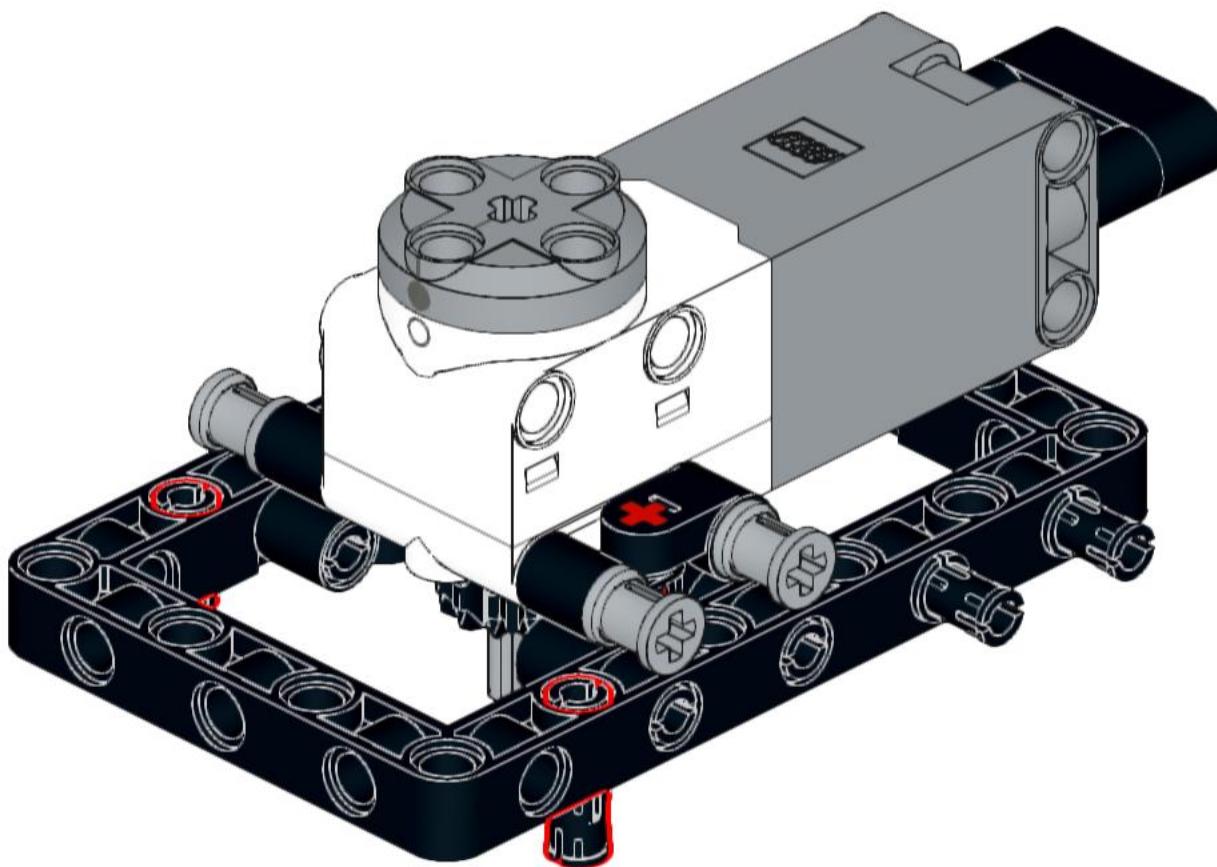
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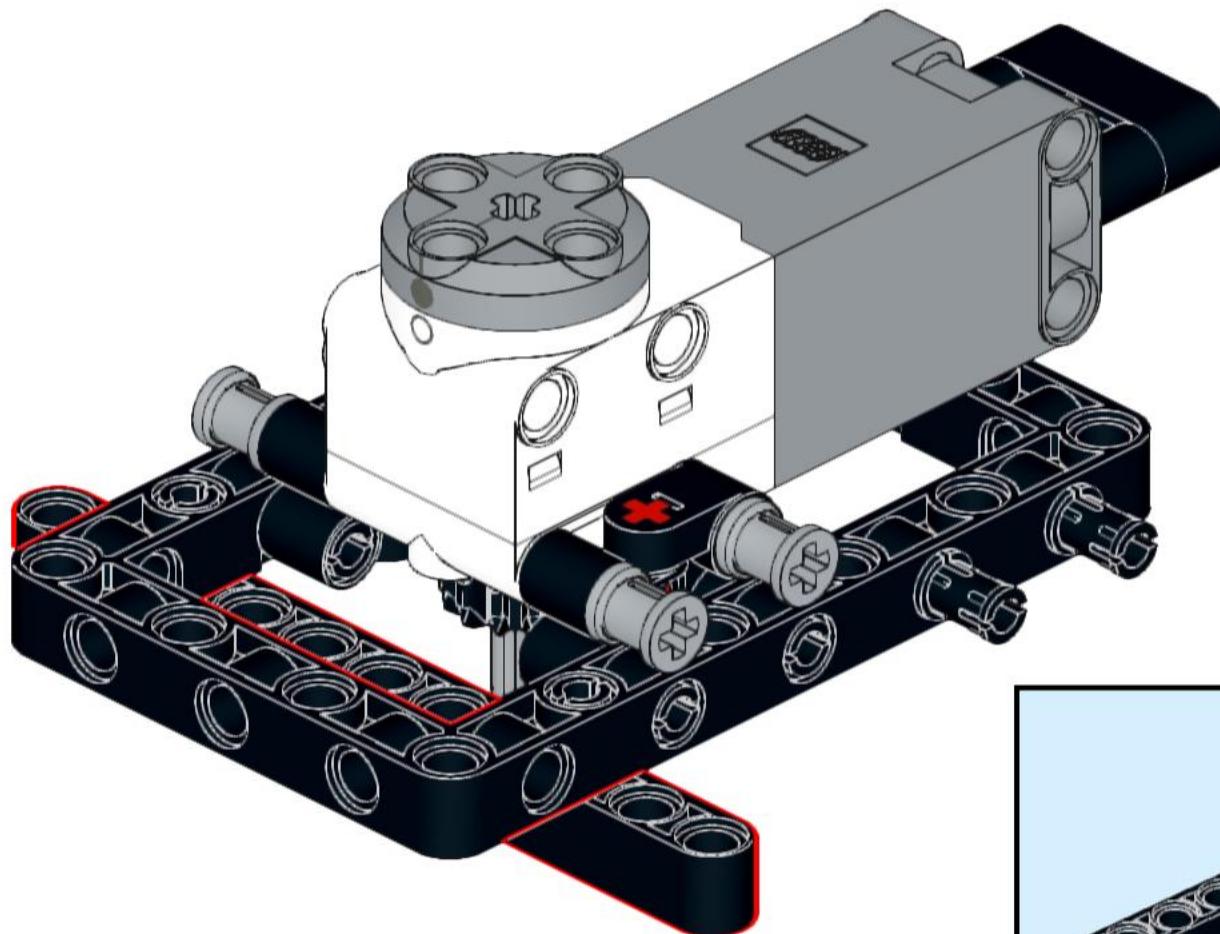
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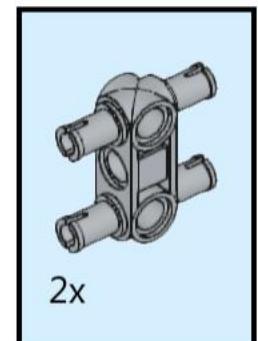
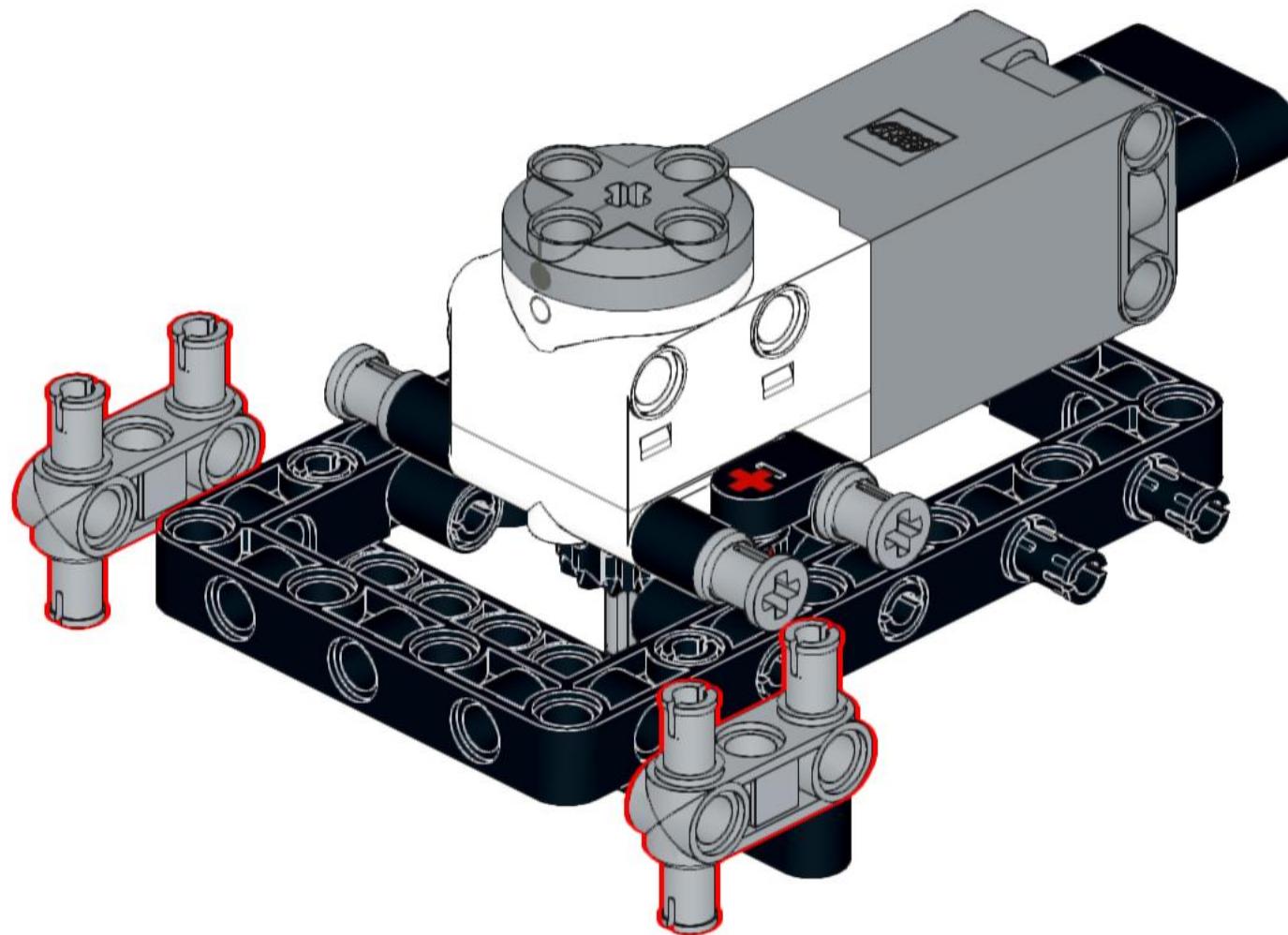
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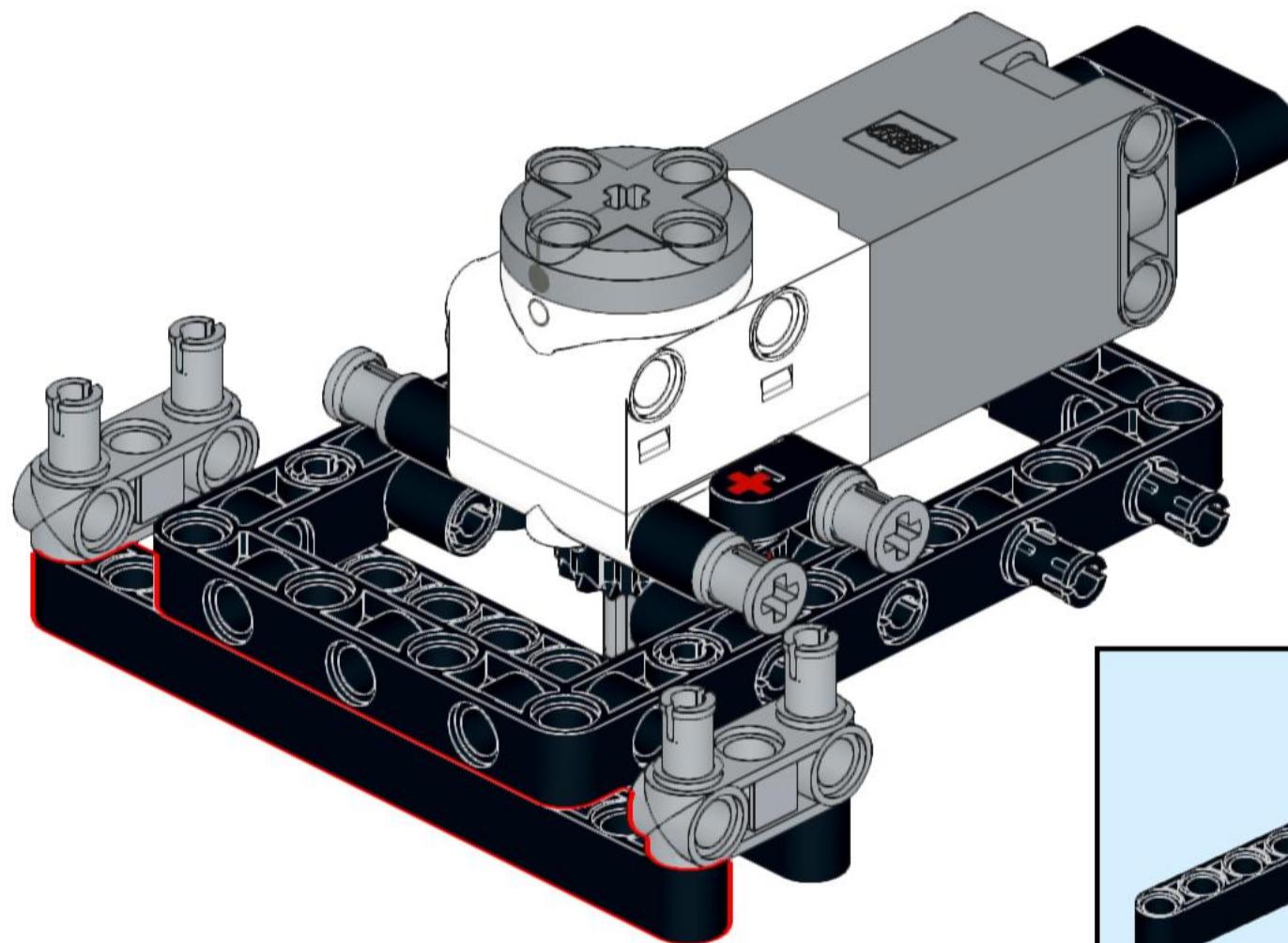
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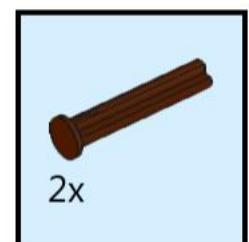
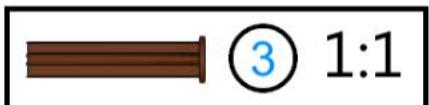
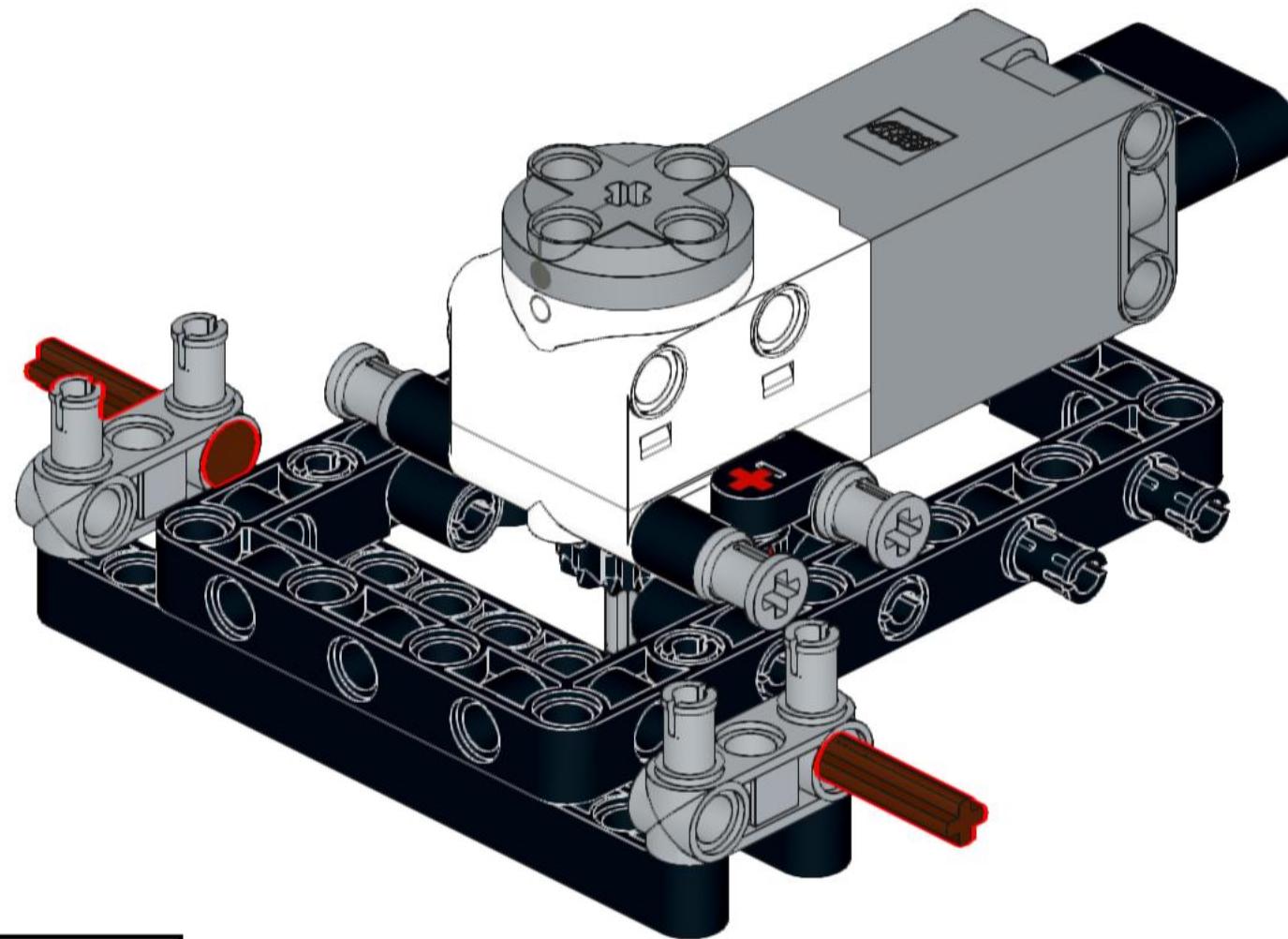
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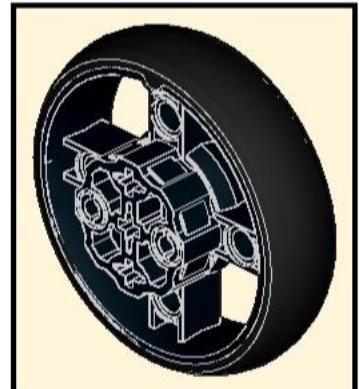
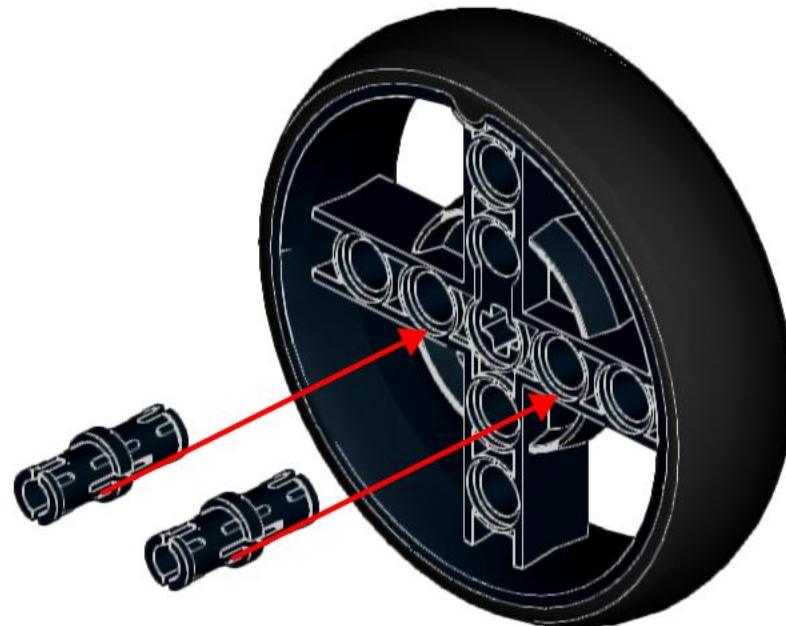
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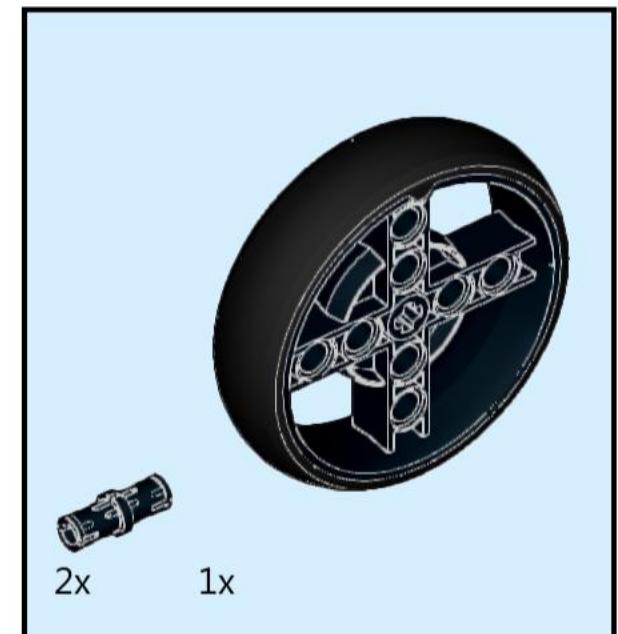
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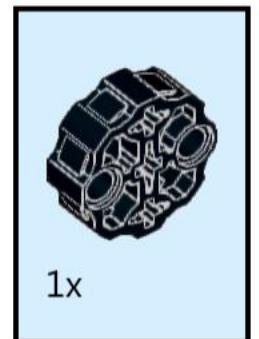
**38**



**2x**

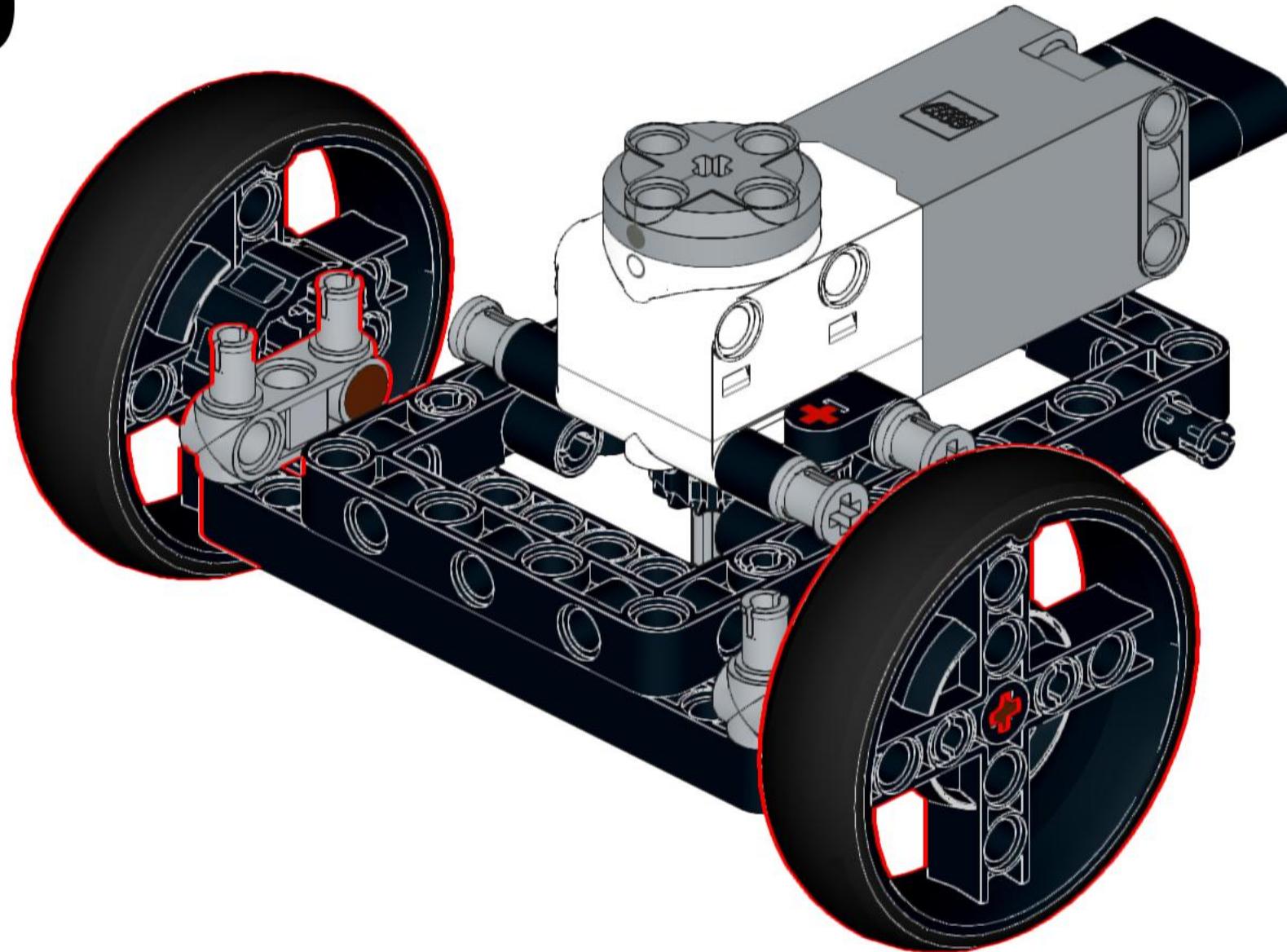


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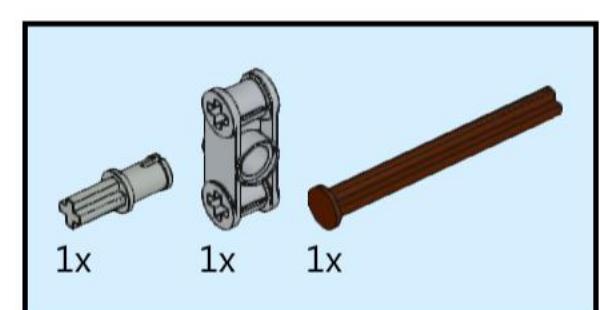
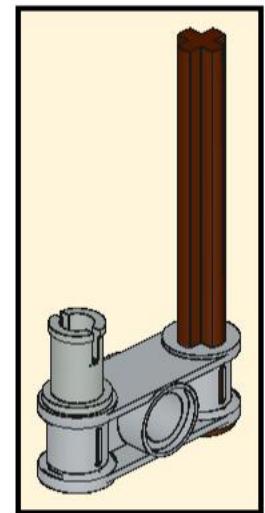
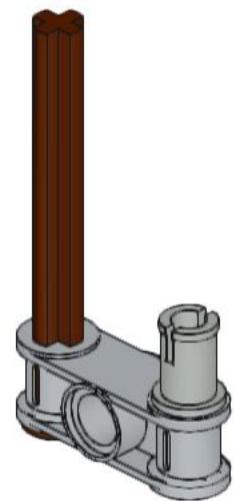


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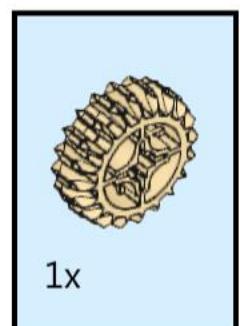
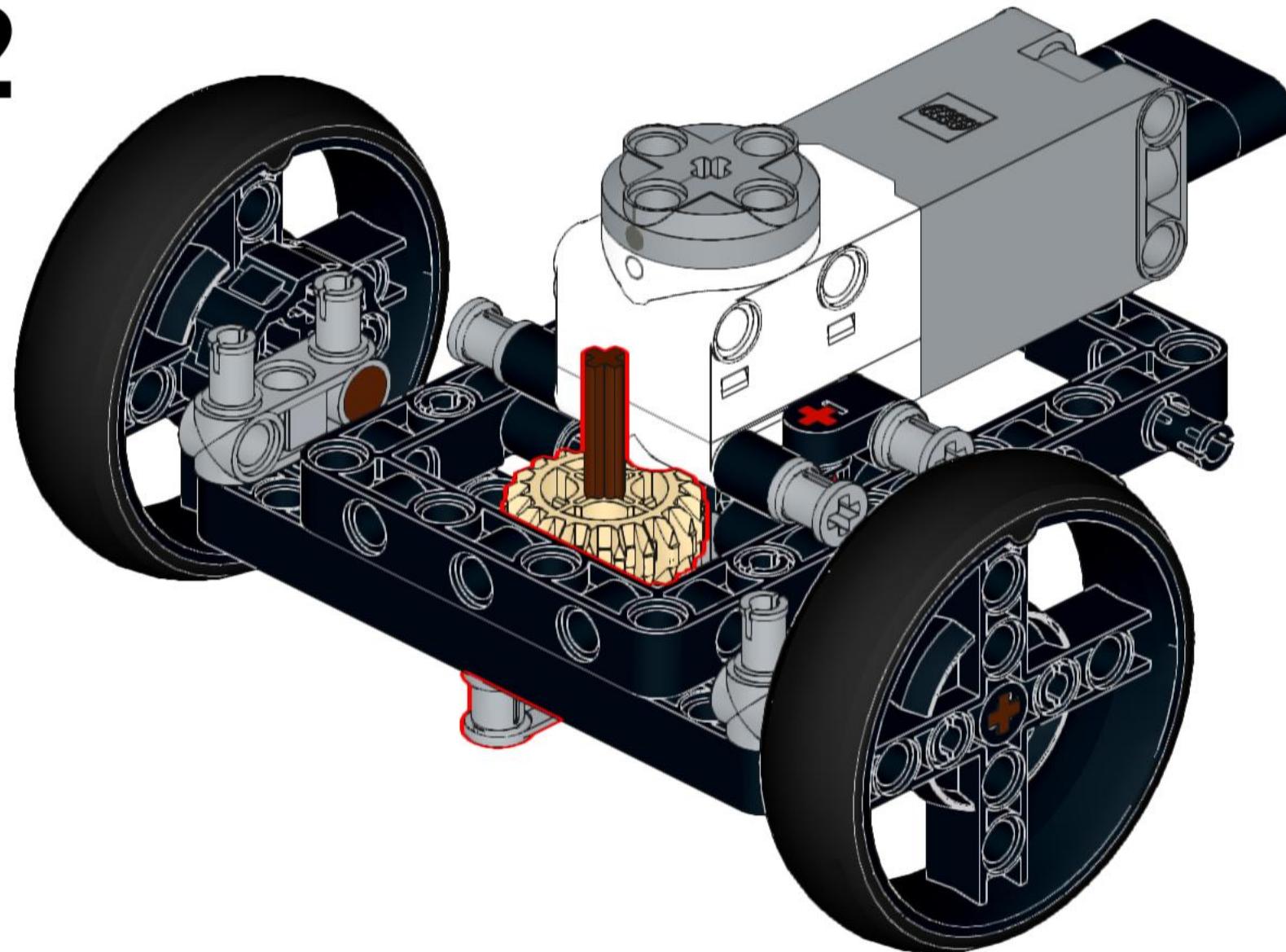
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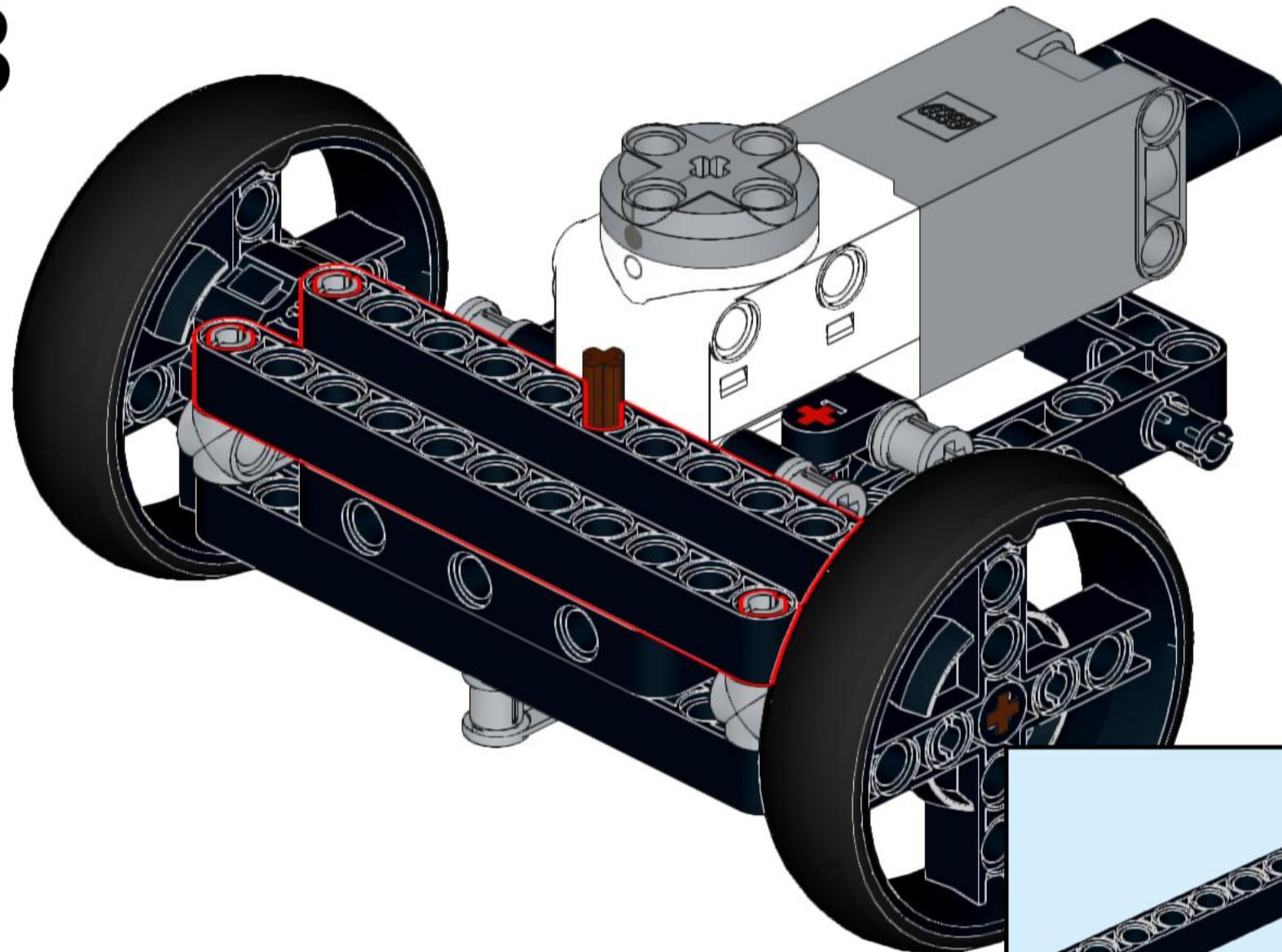
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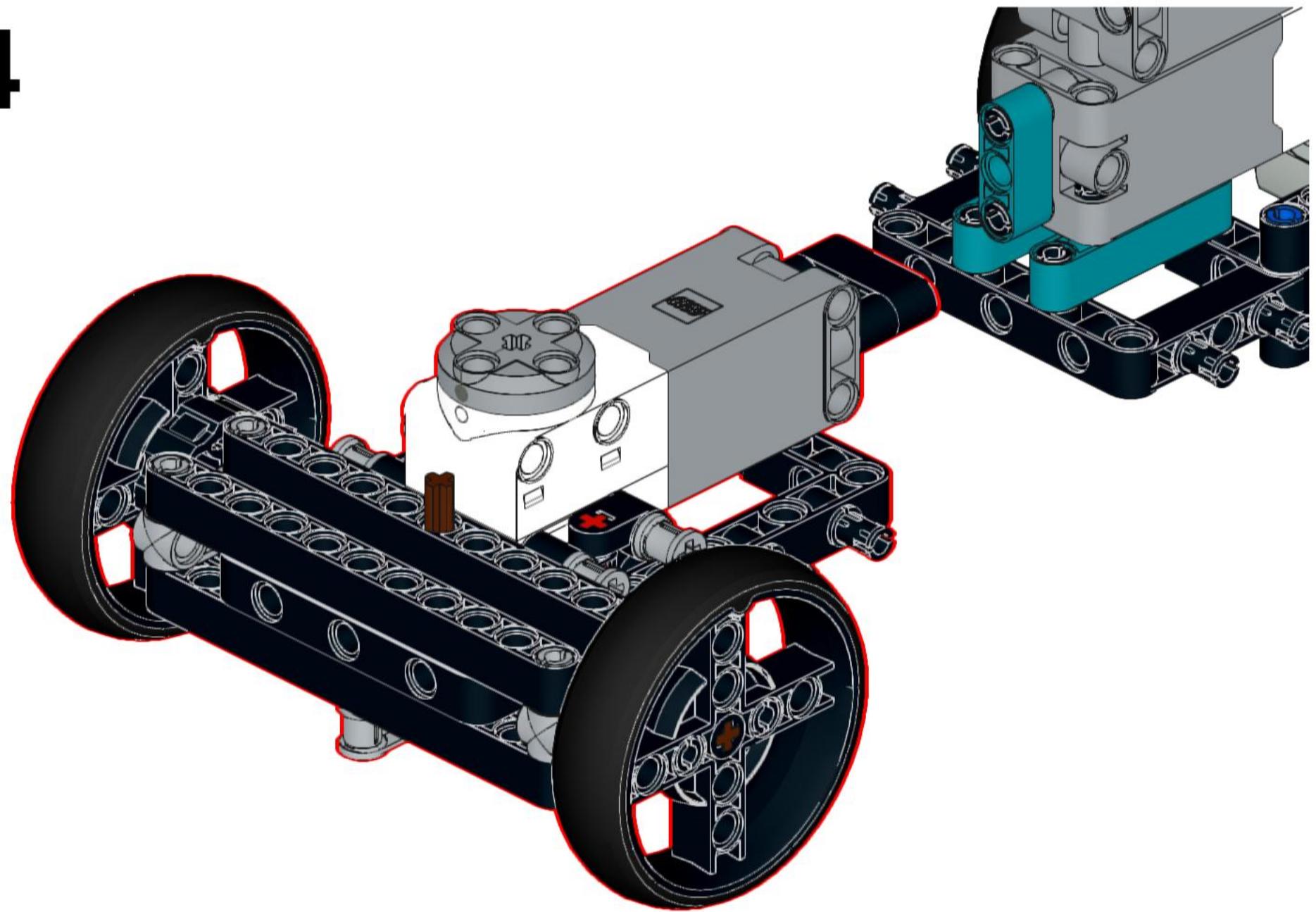
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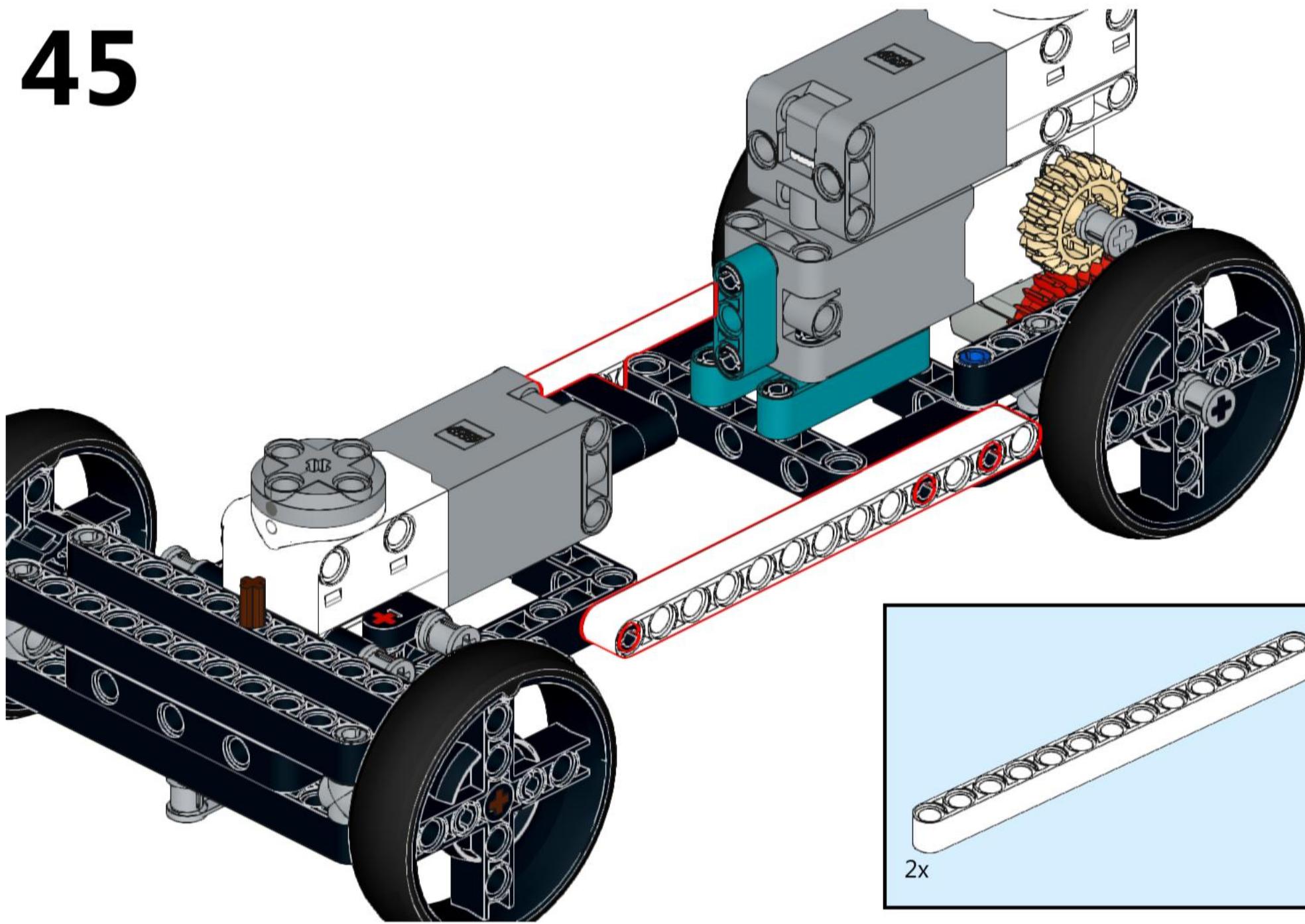
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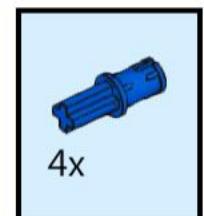
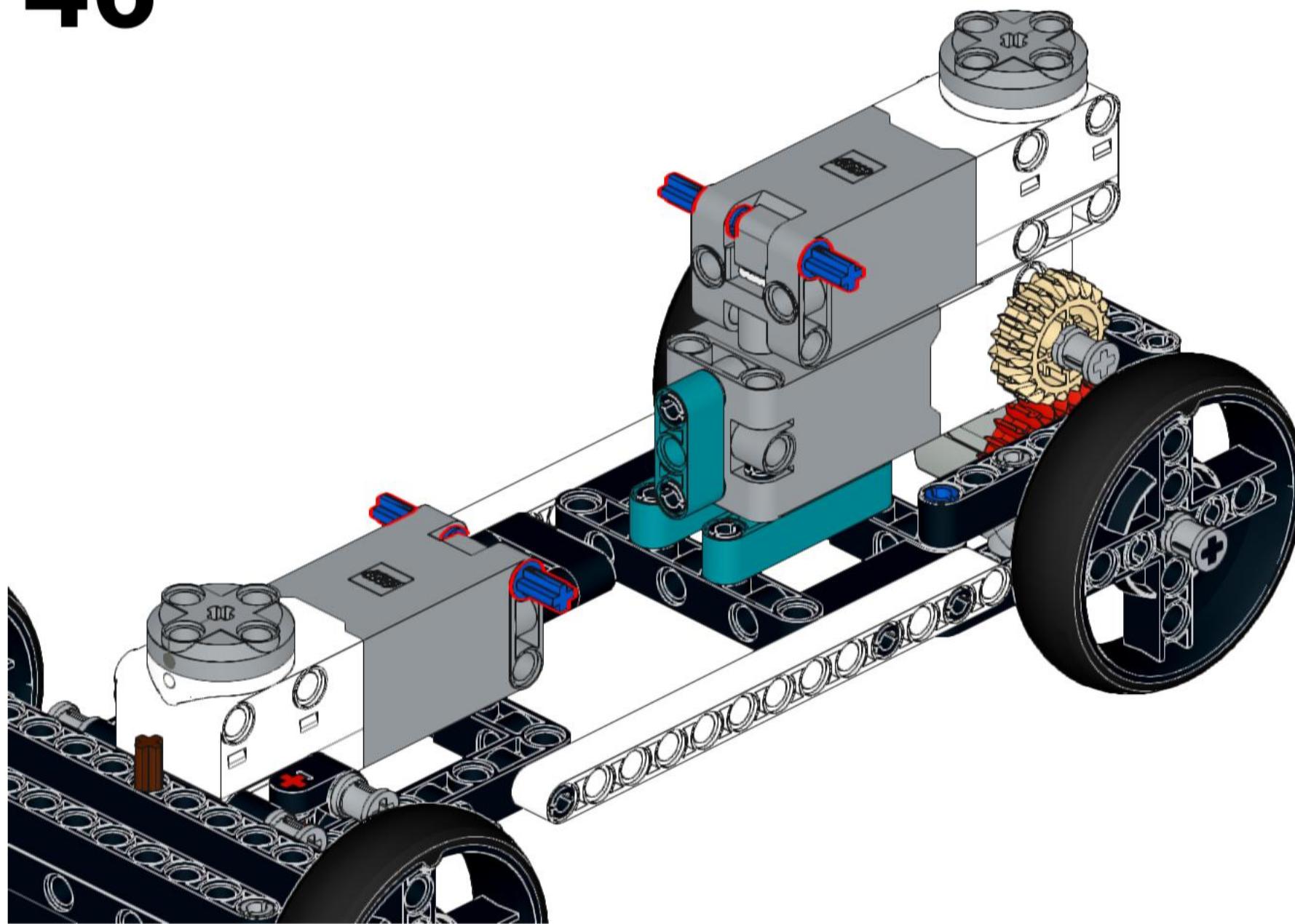
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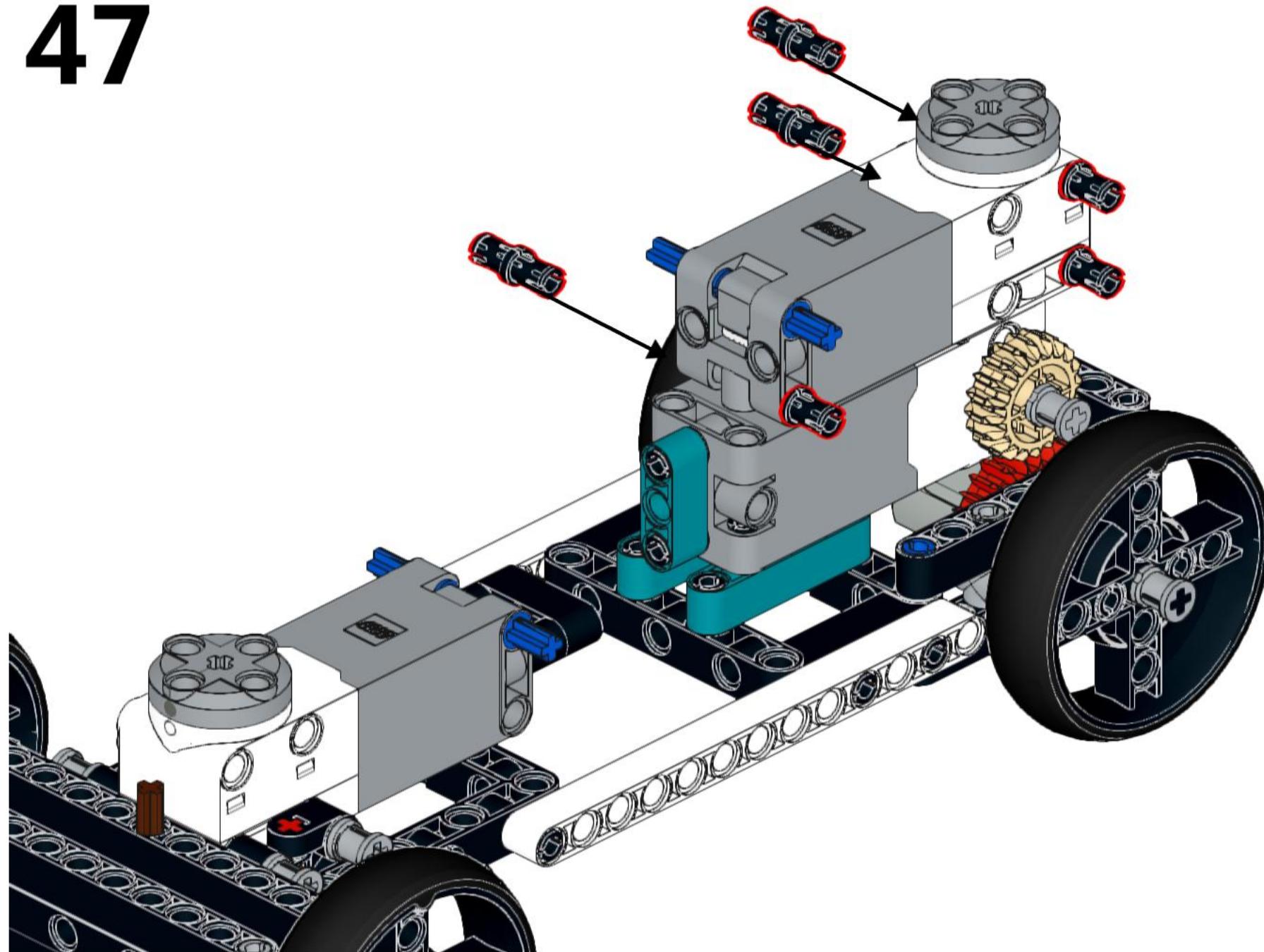
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46

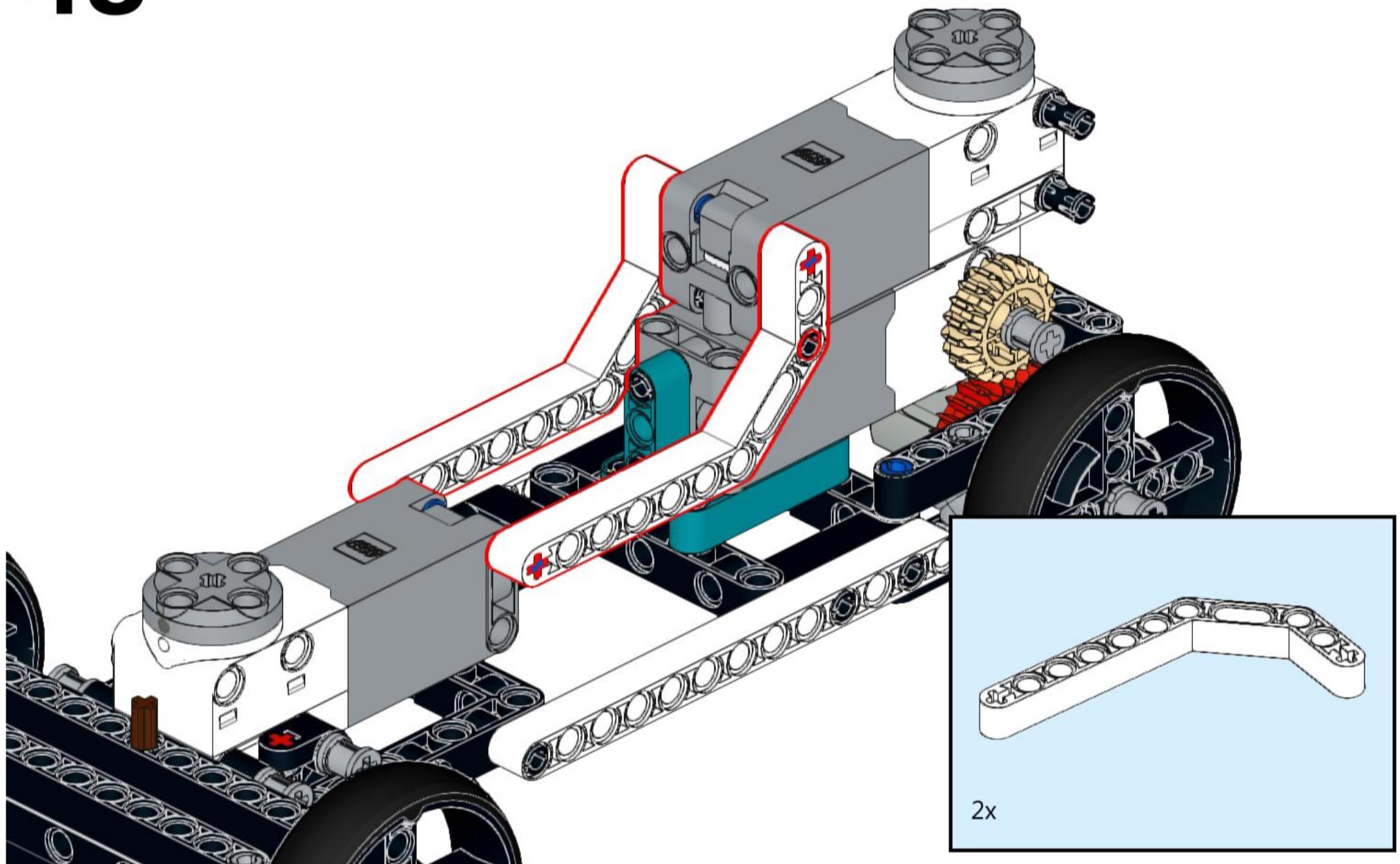


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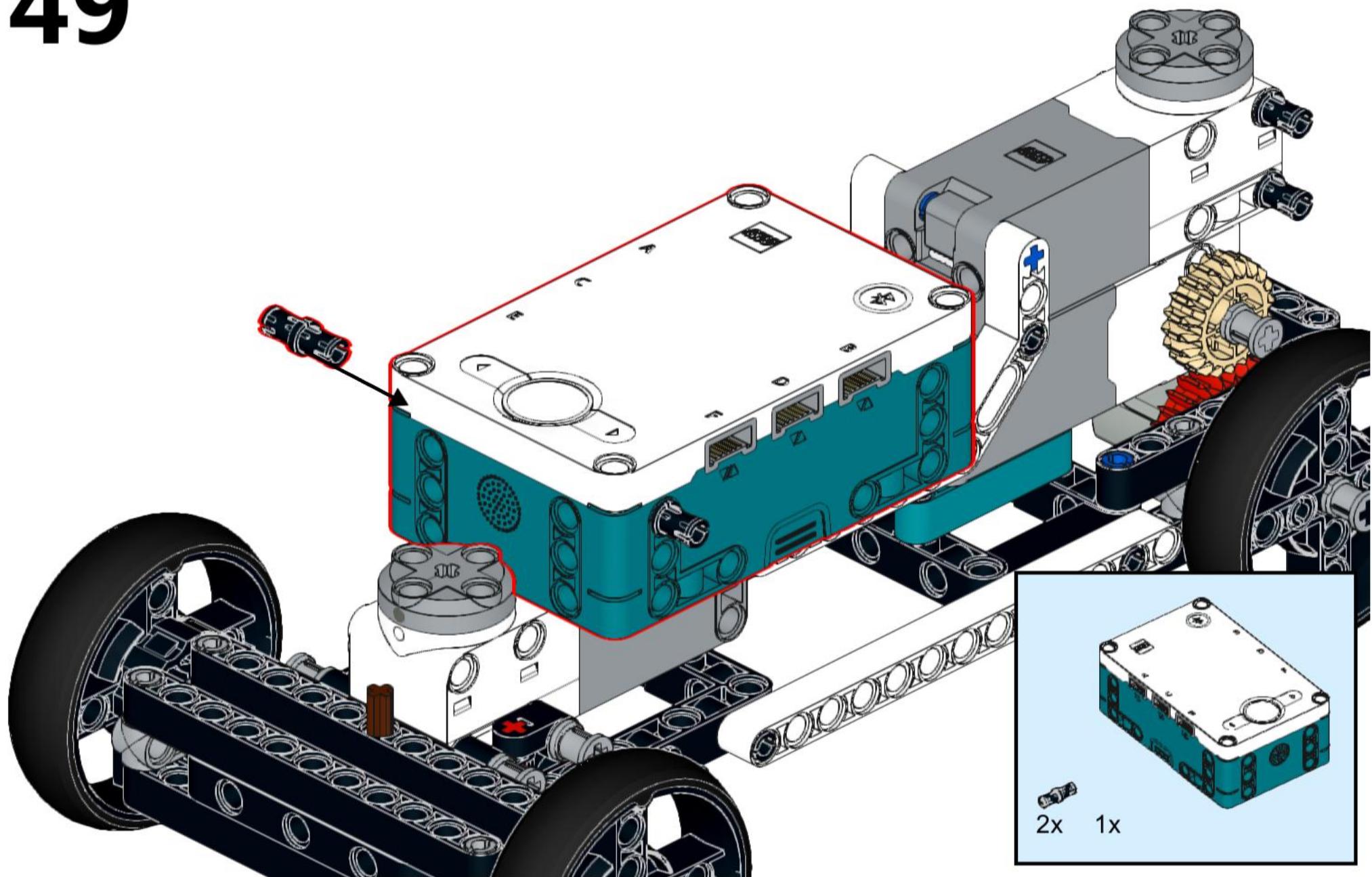


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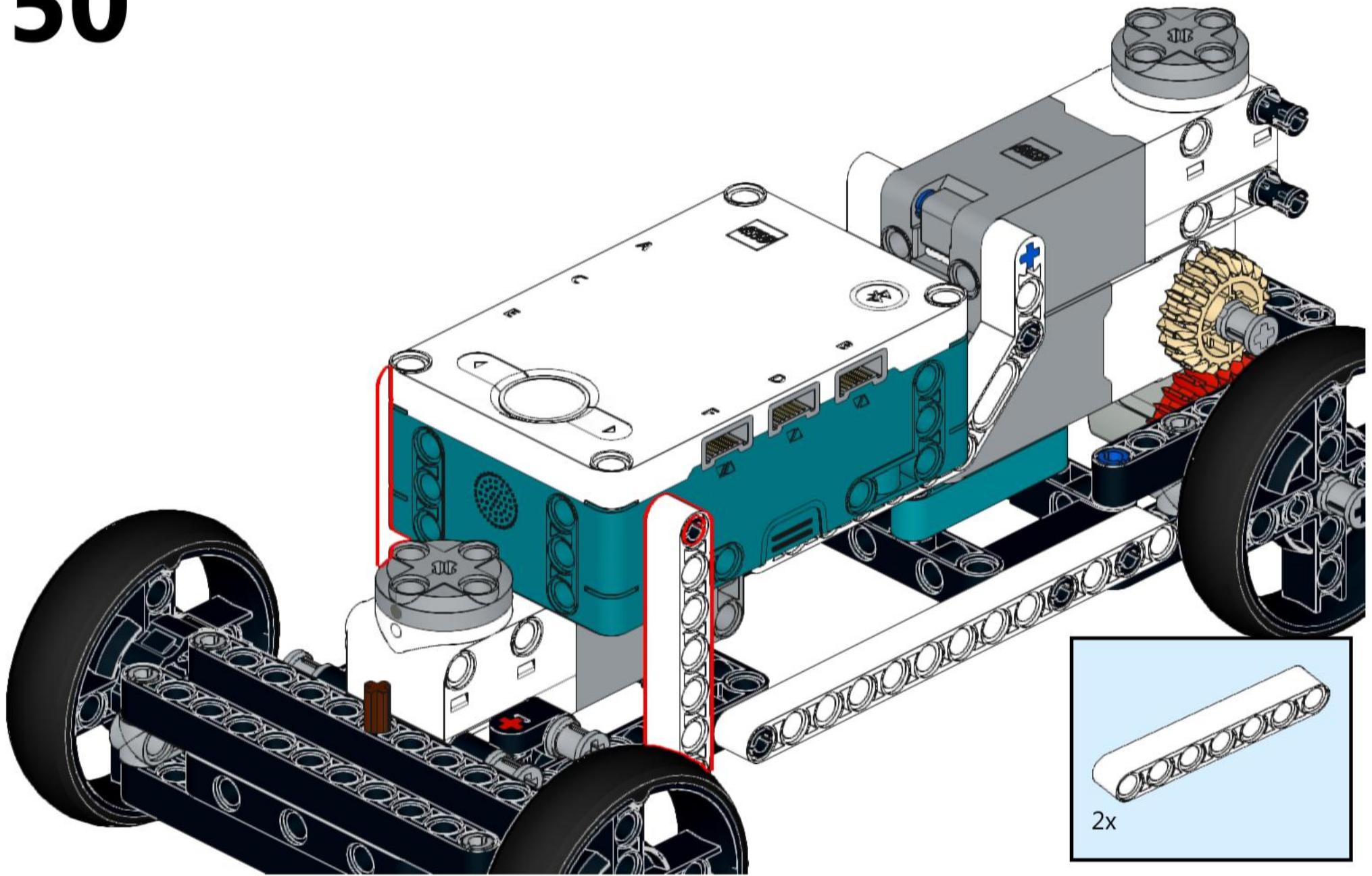
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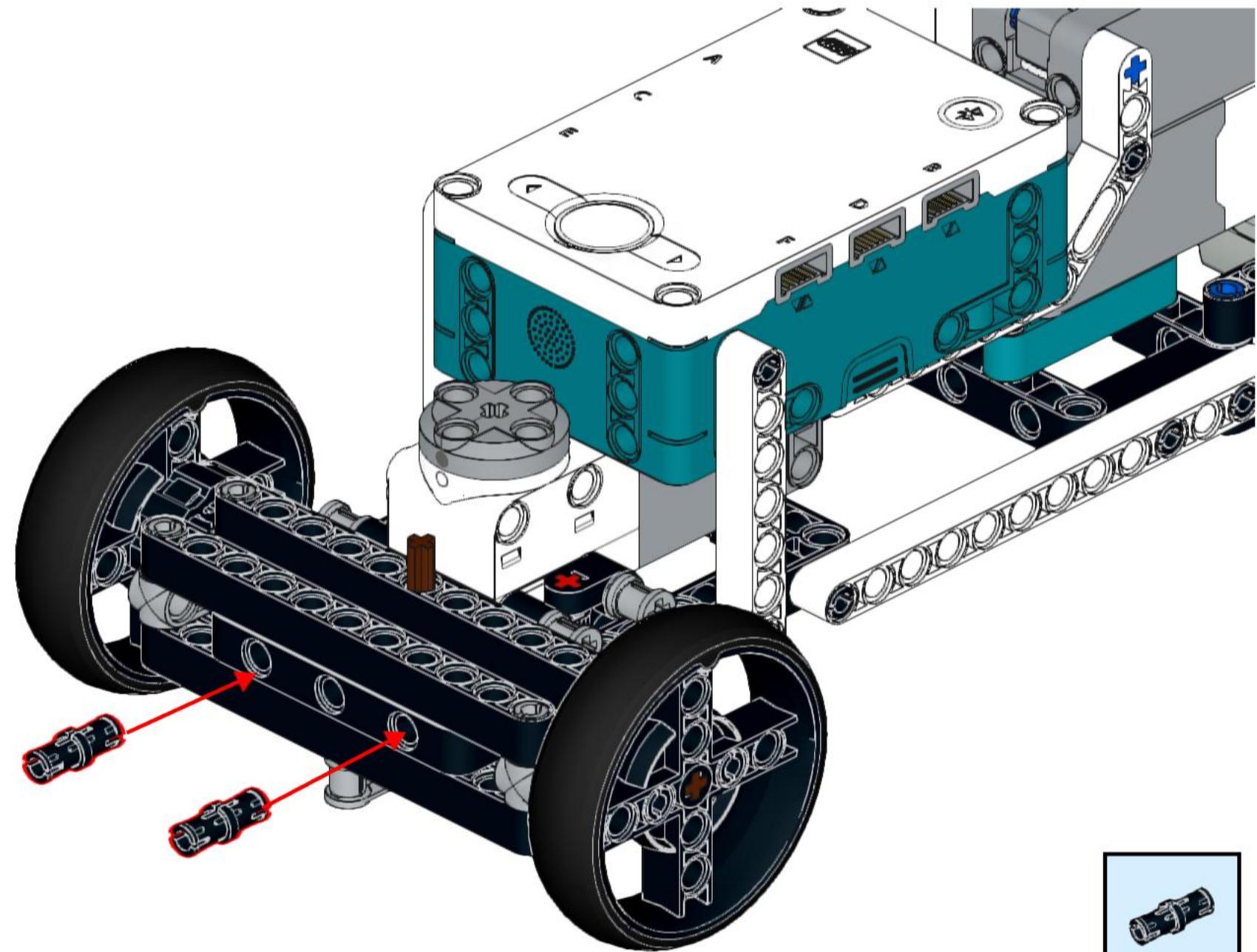
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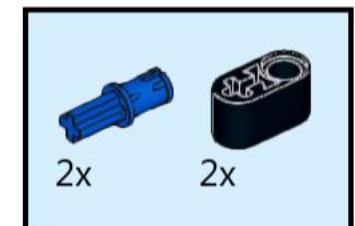
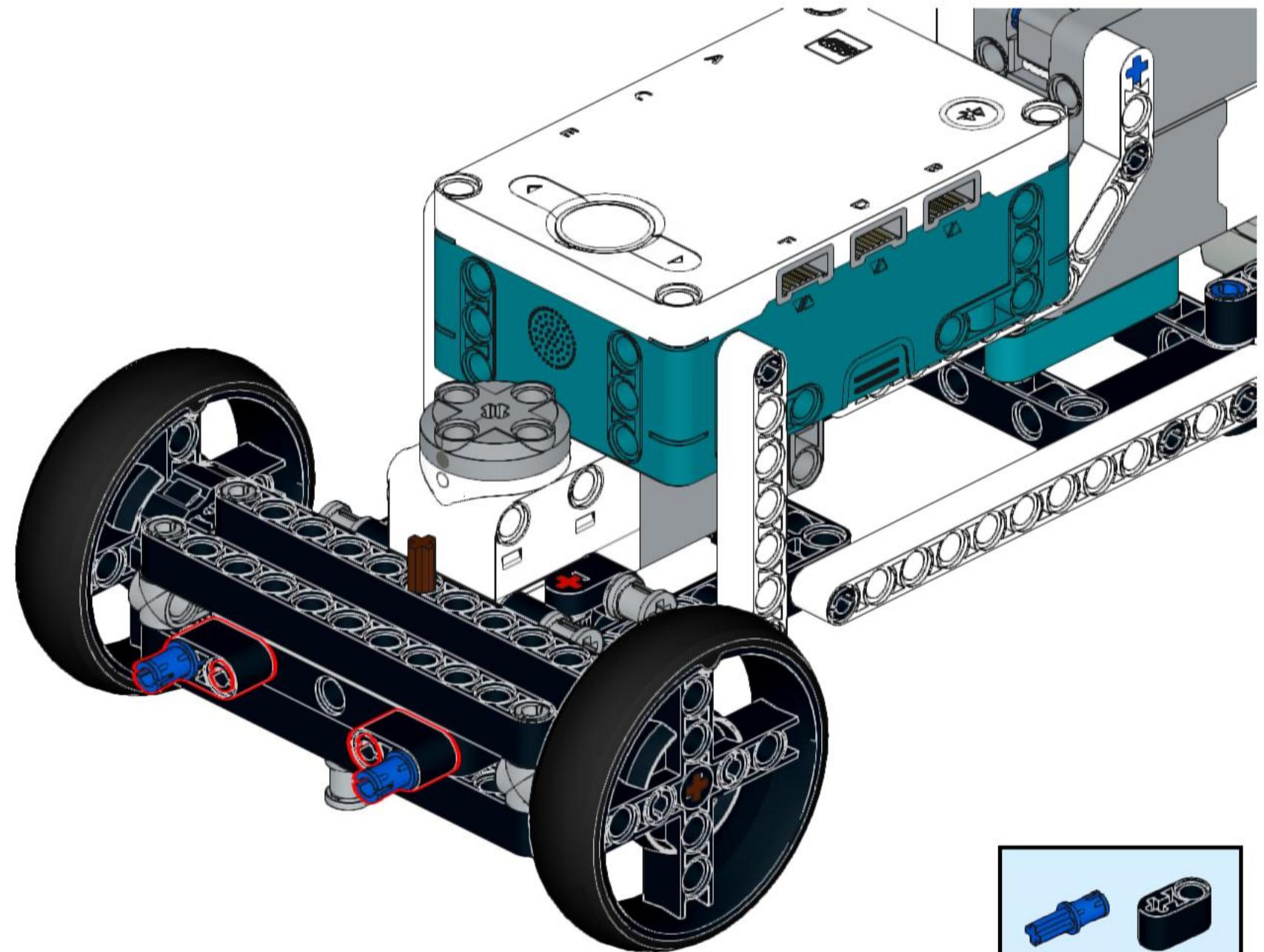
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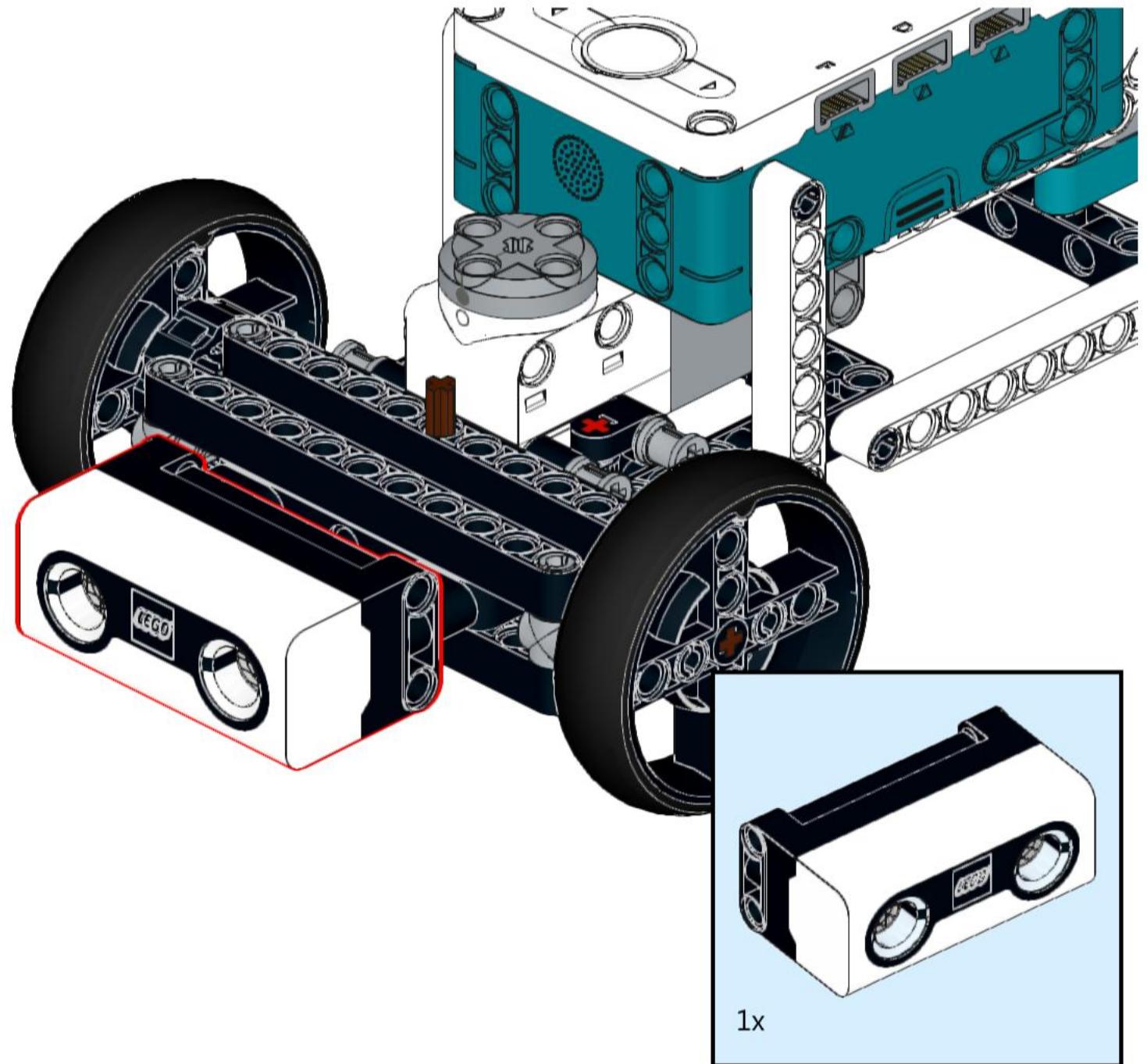
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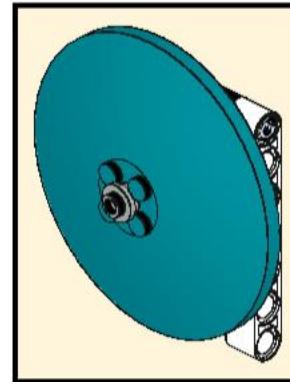
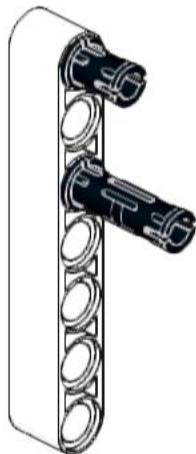
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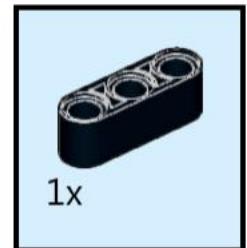
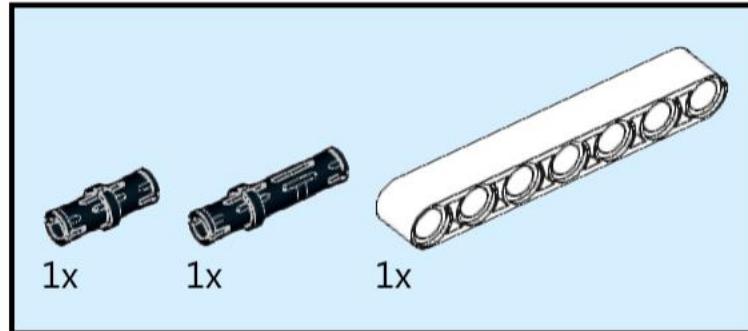
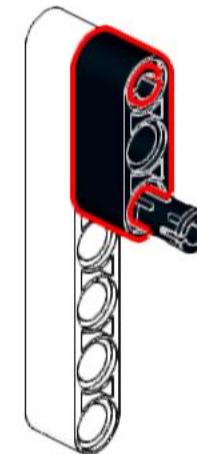
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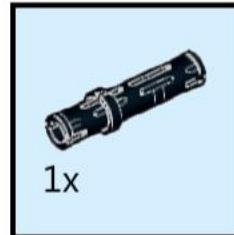
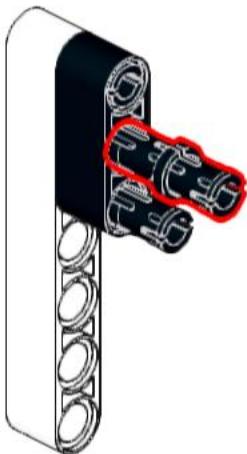
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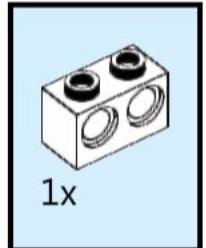
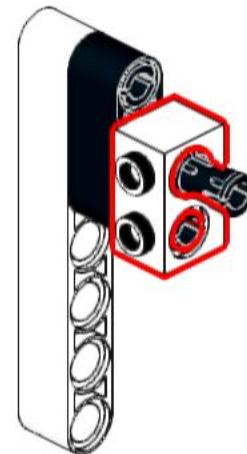
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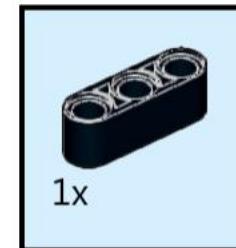
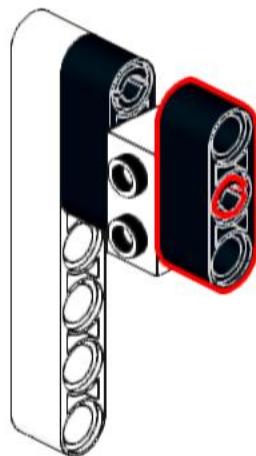
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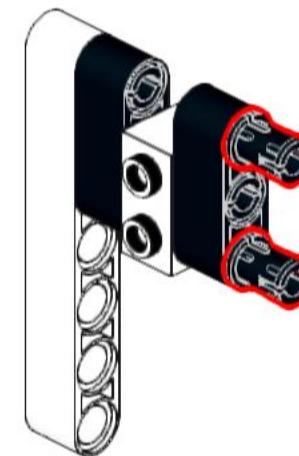
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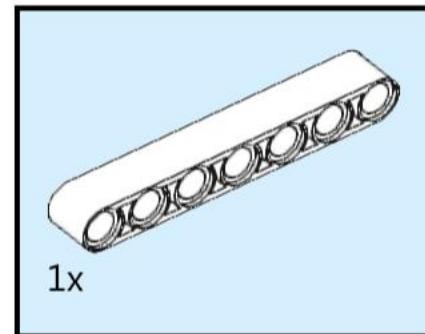
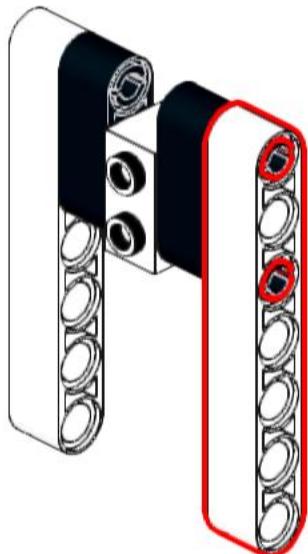


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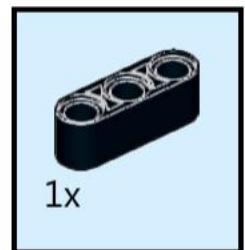
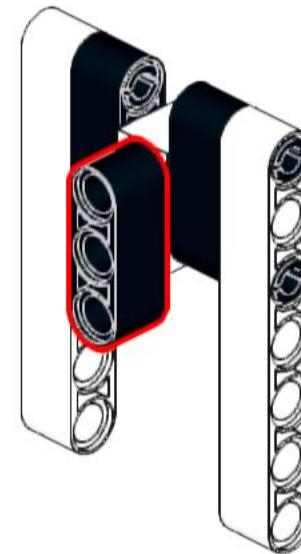
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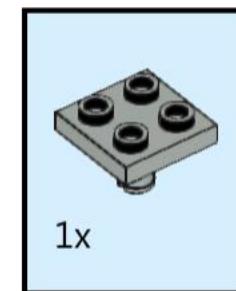
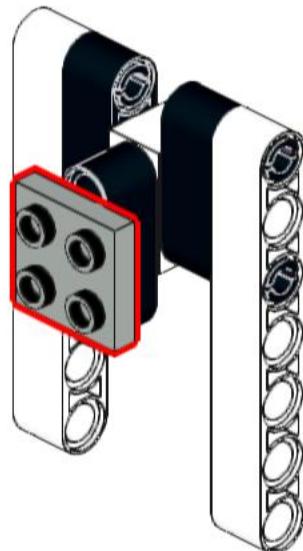
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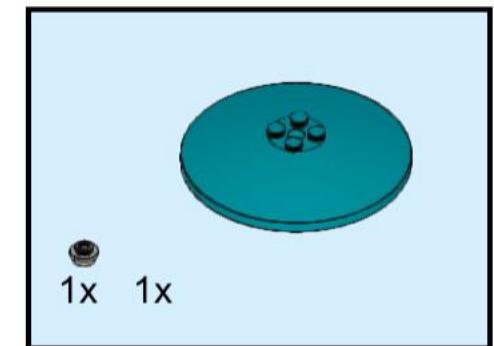


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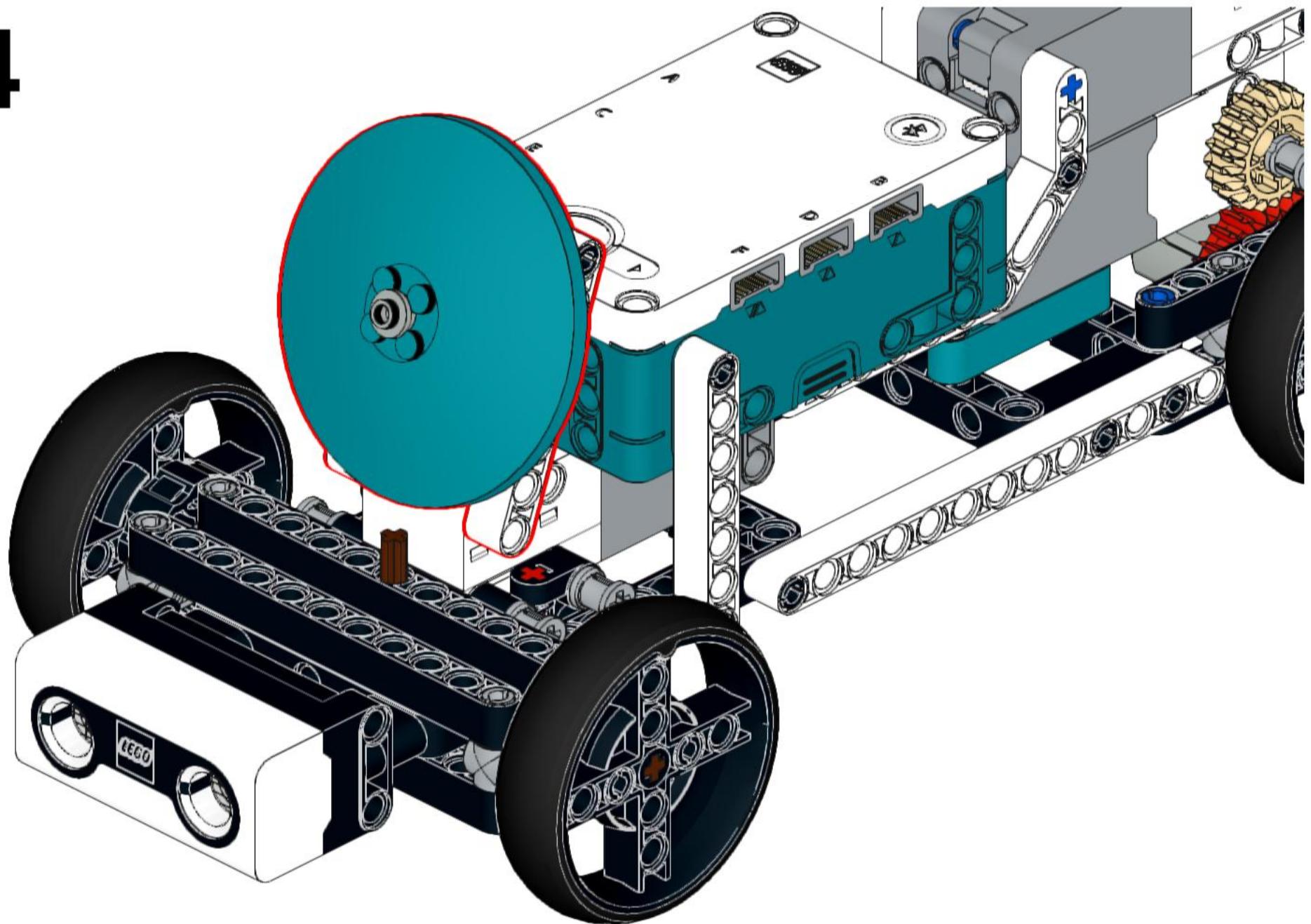
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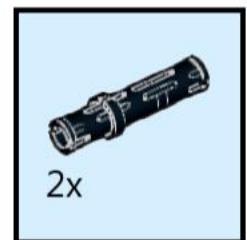
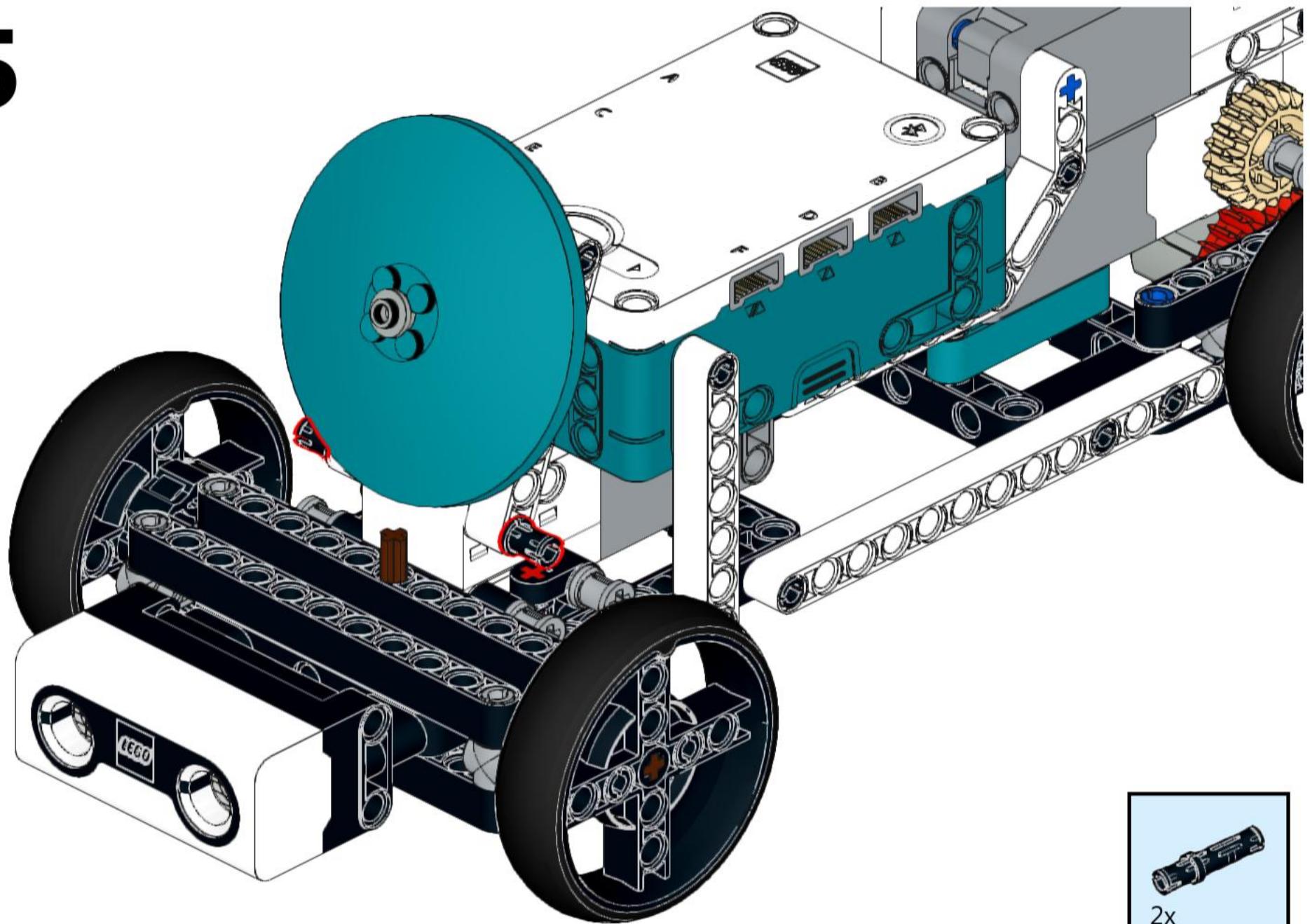
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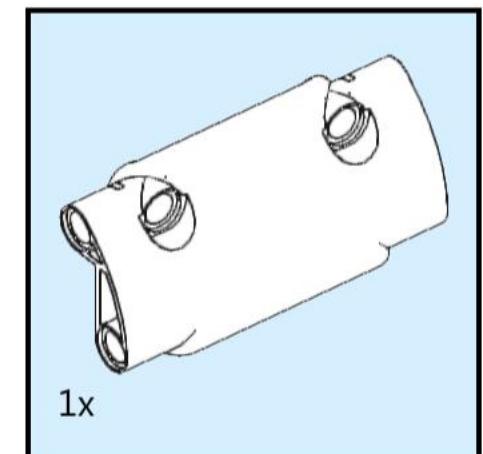
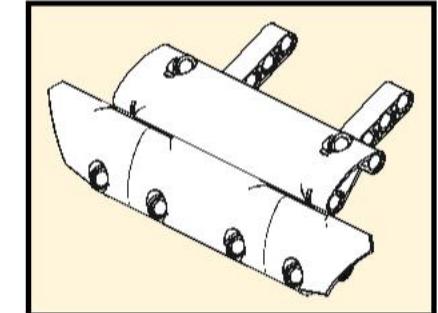
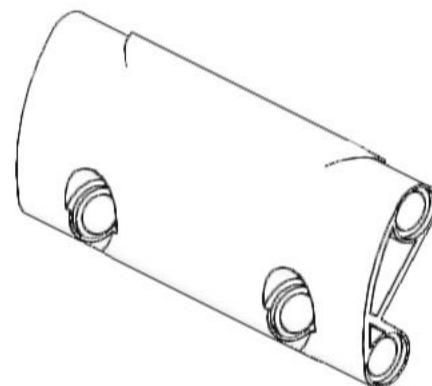
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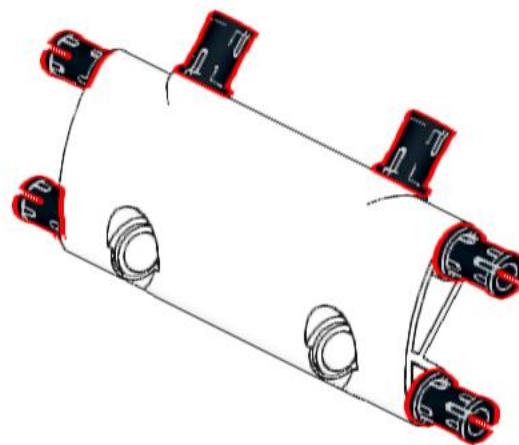
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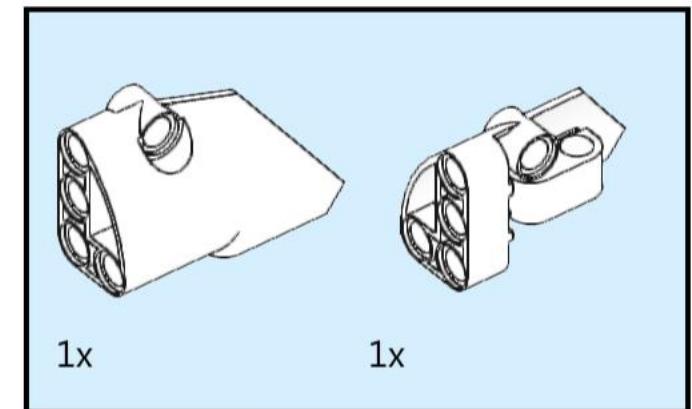
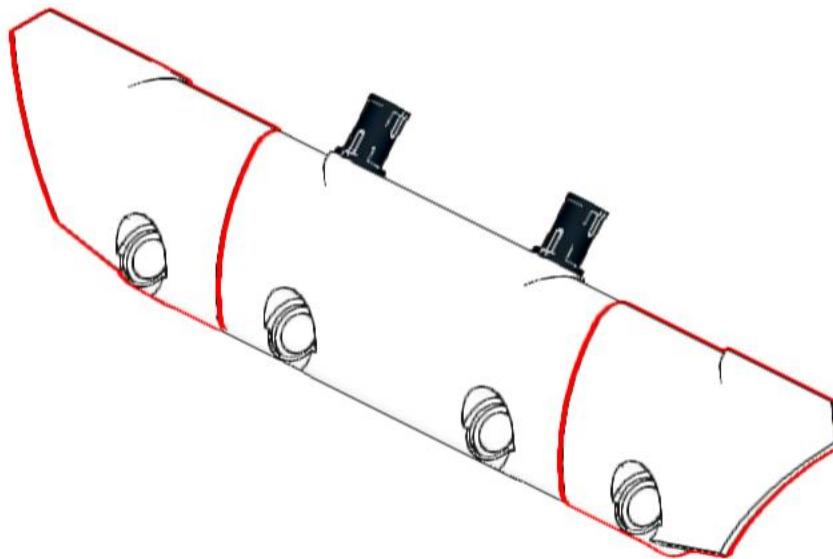


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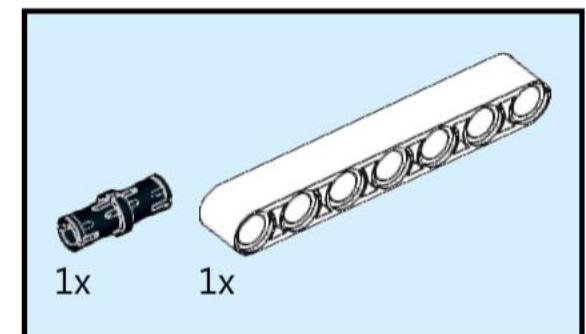
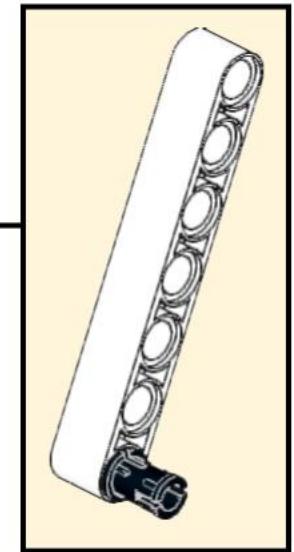
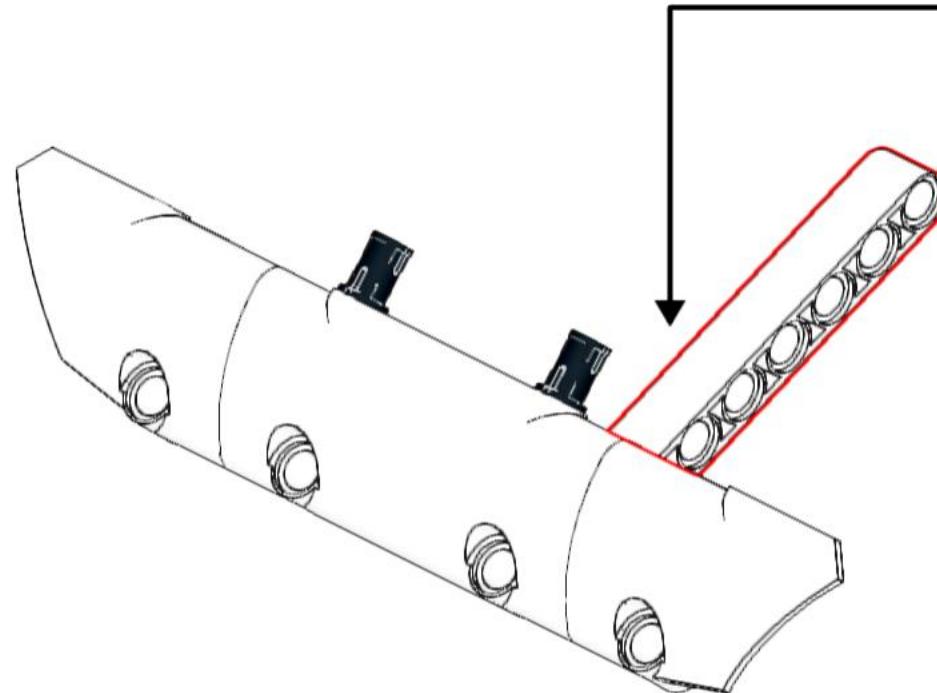


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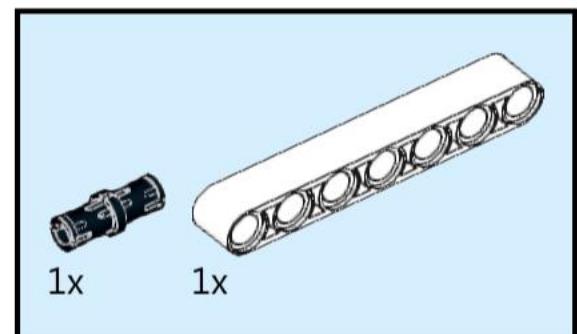
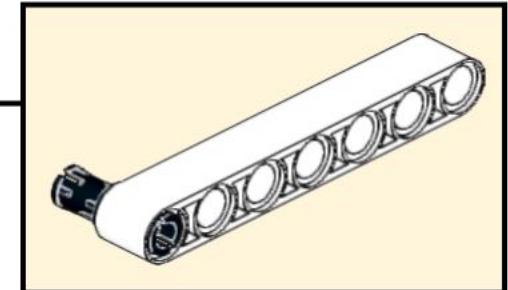
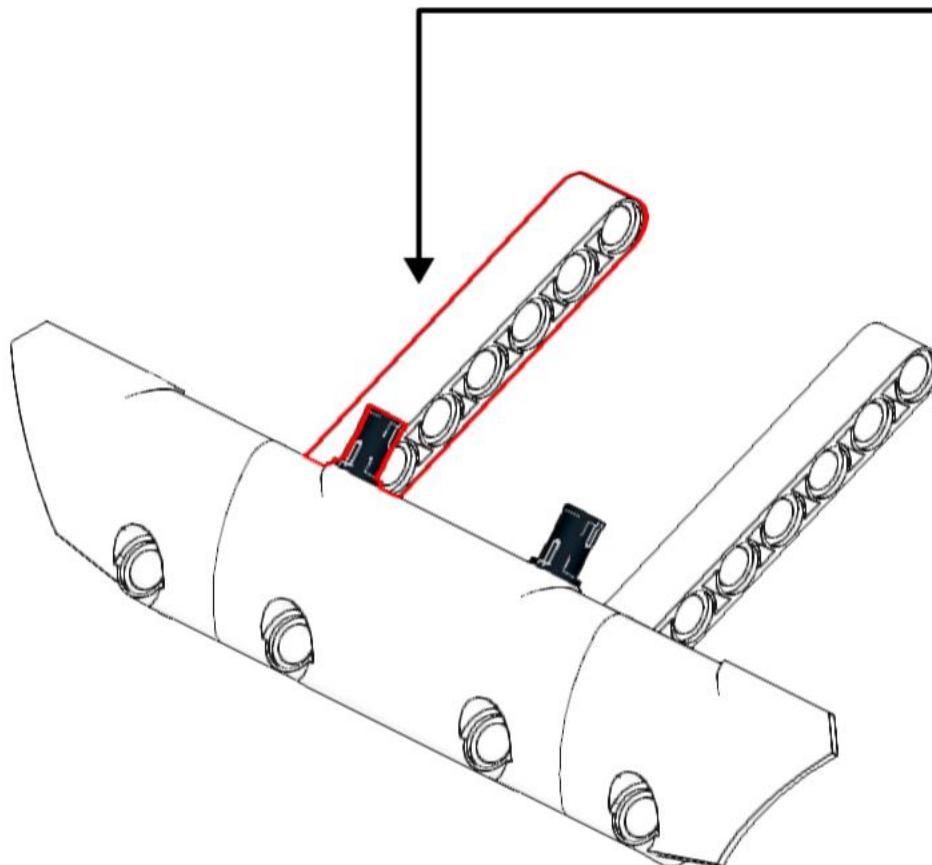
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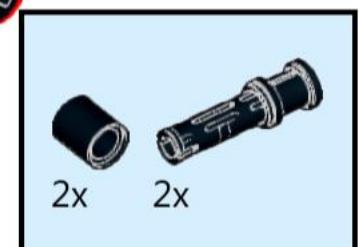
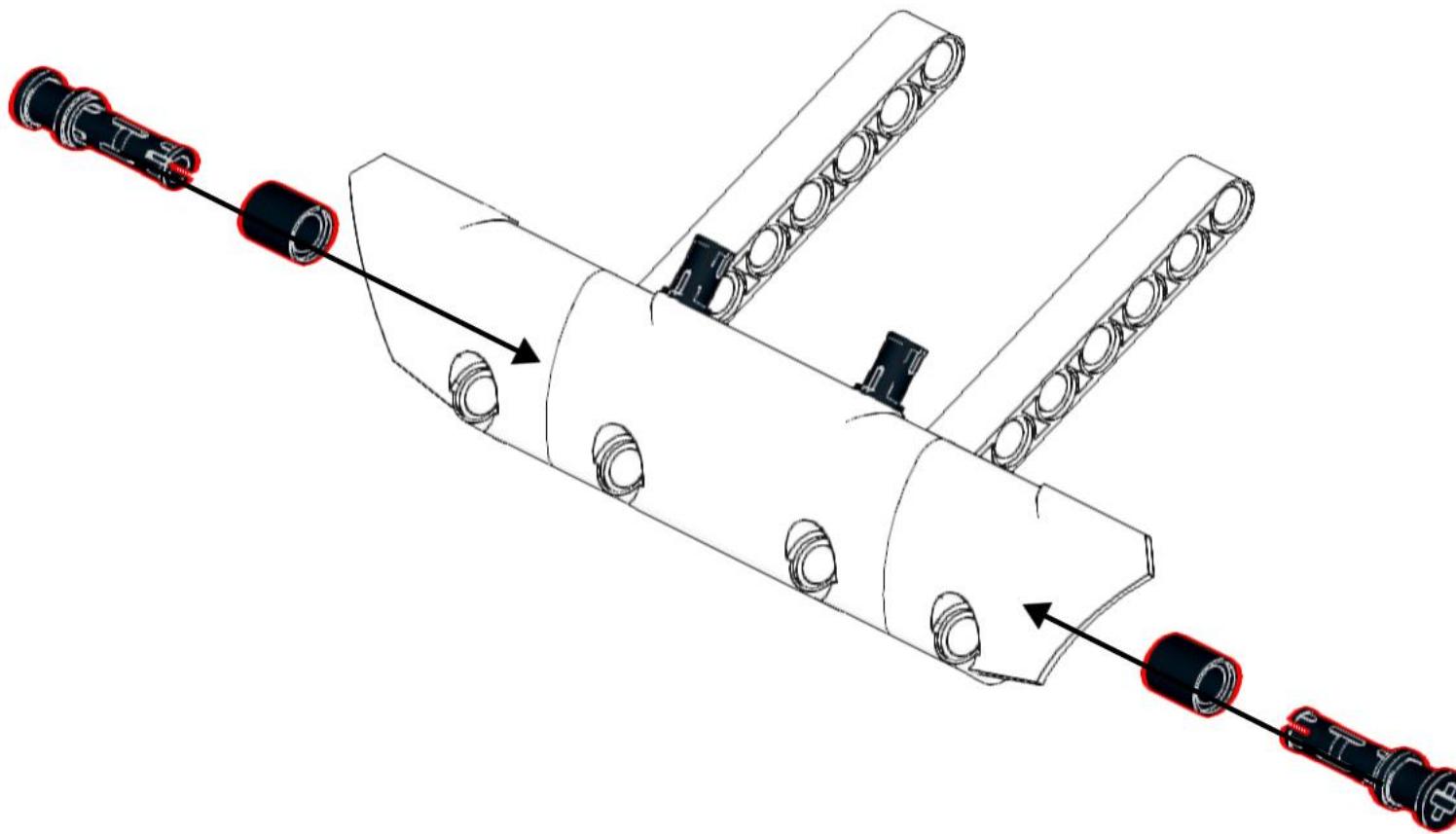
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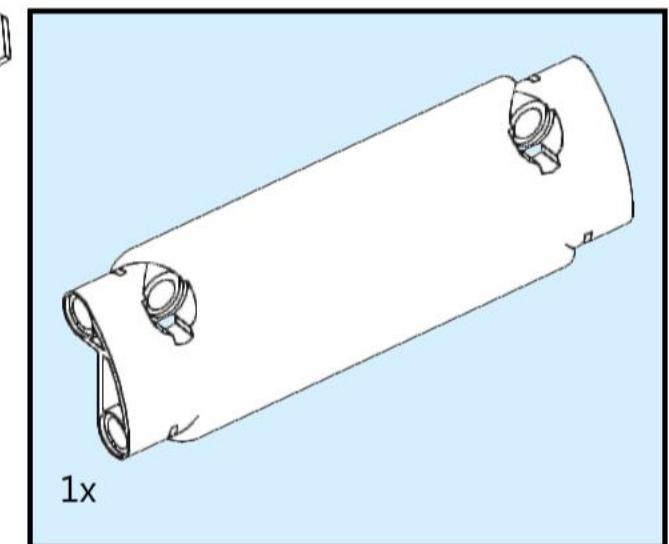
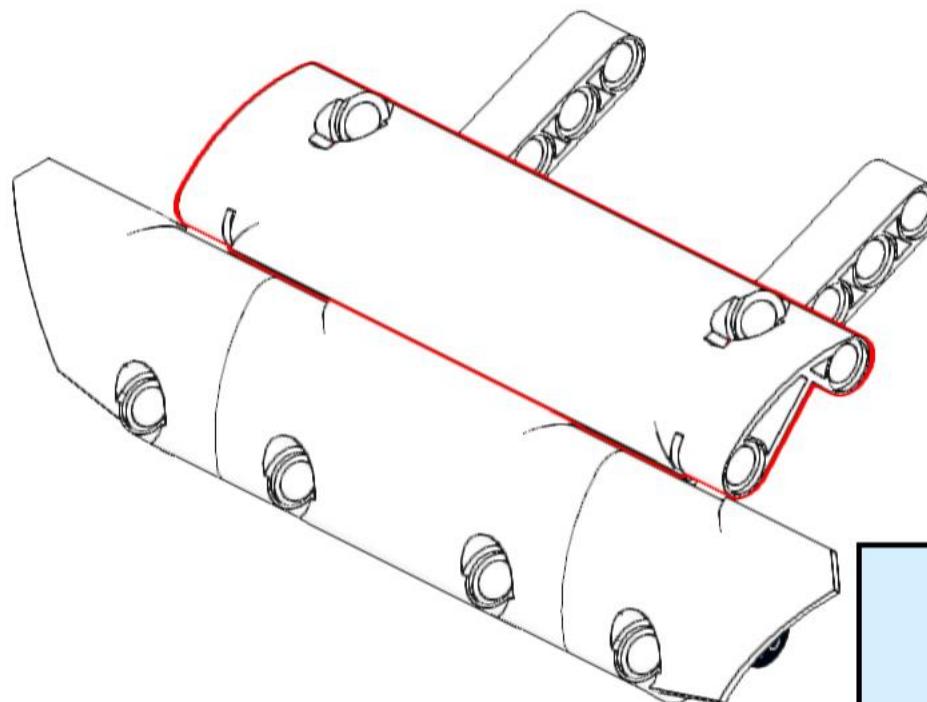
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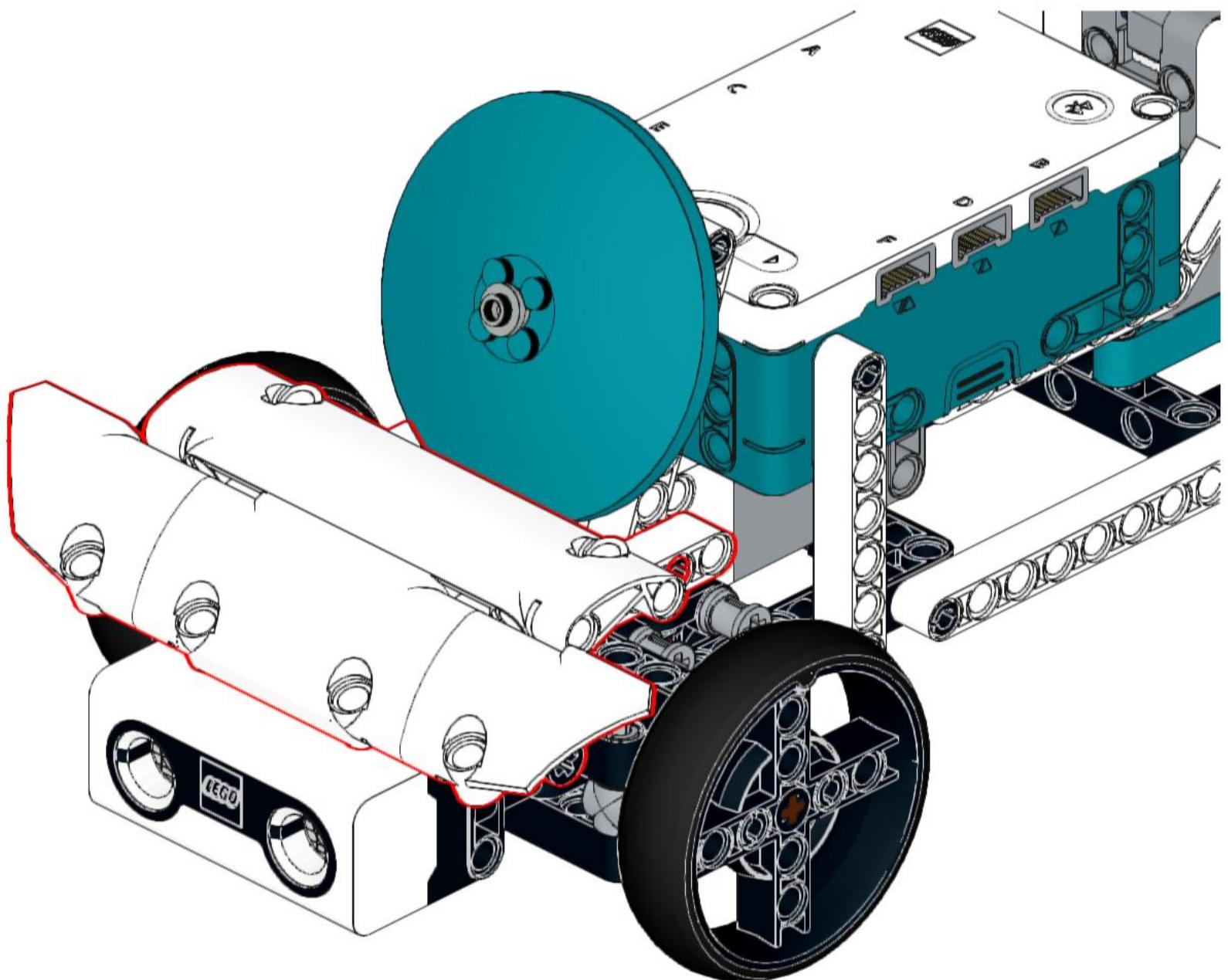
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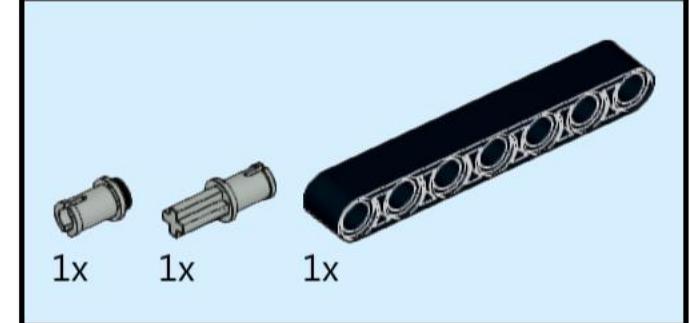
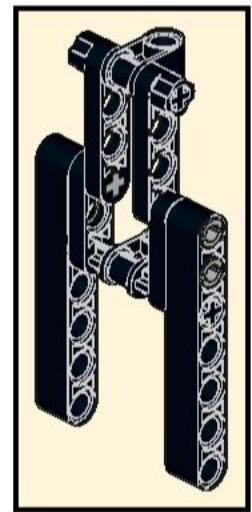
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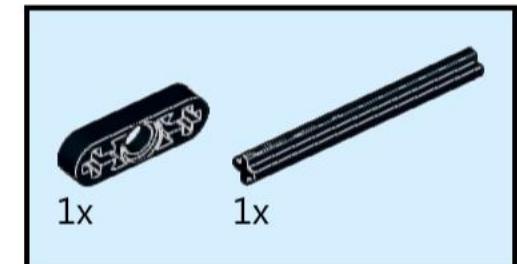
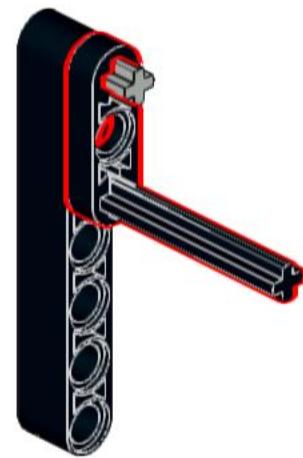
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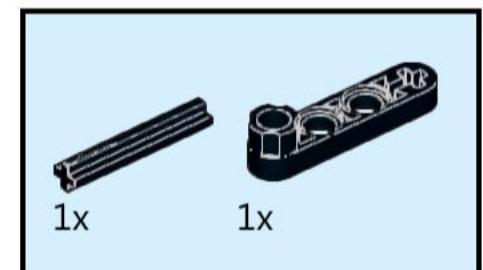
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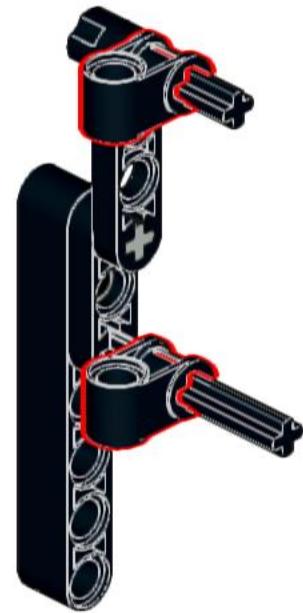
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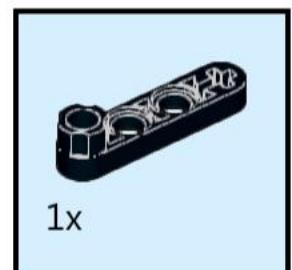
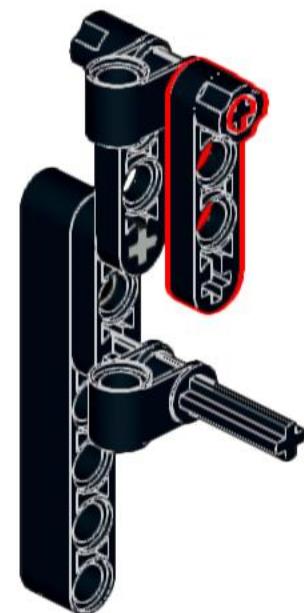
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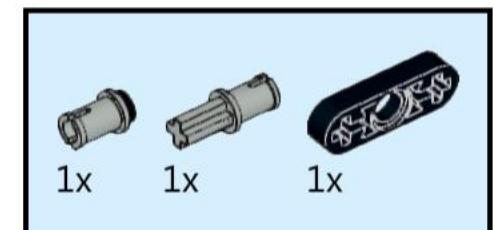
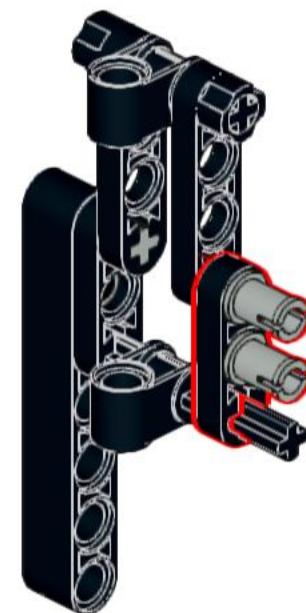


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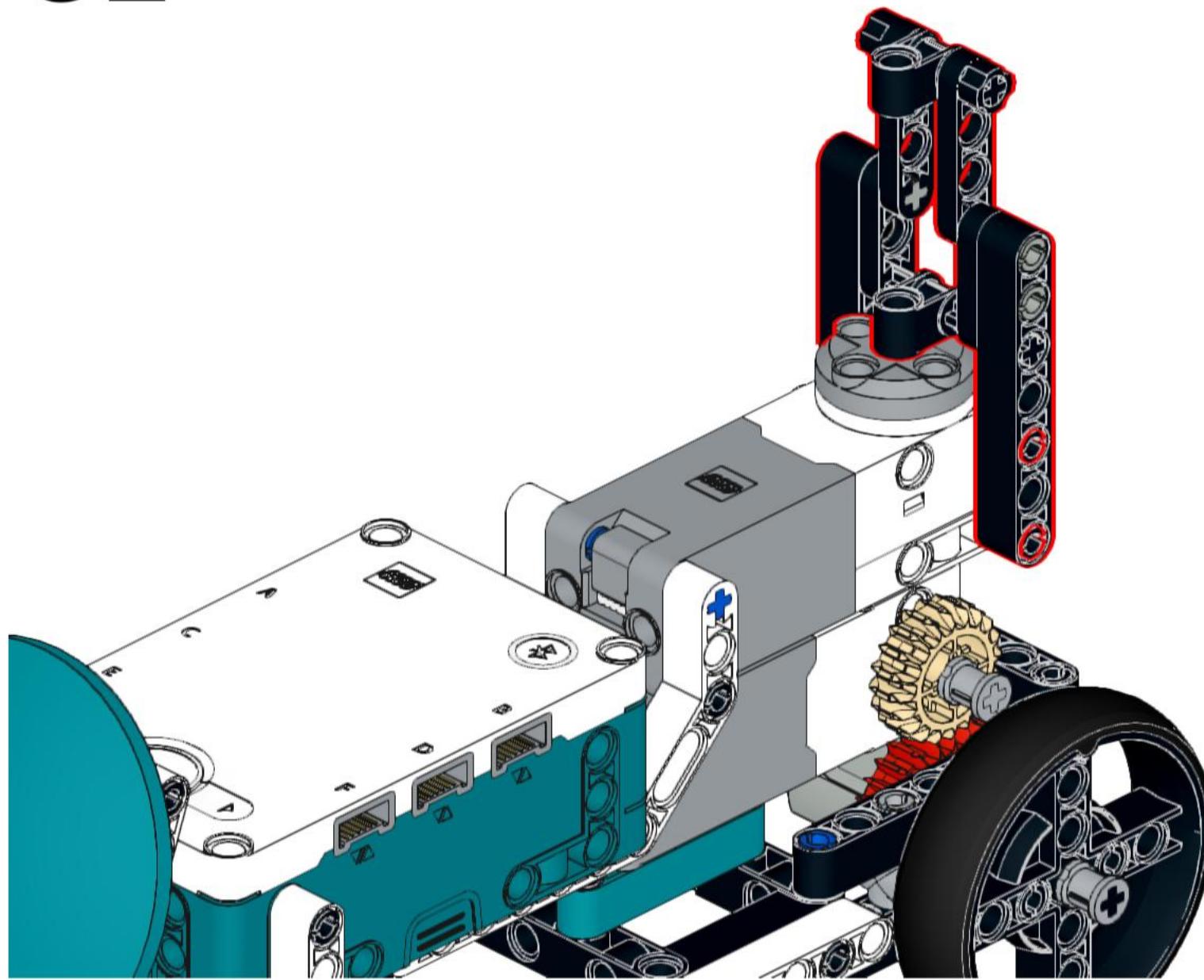
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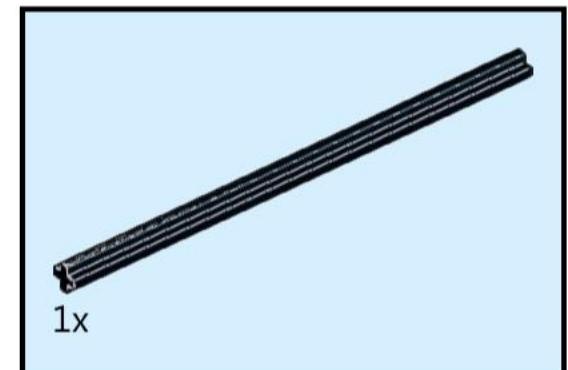
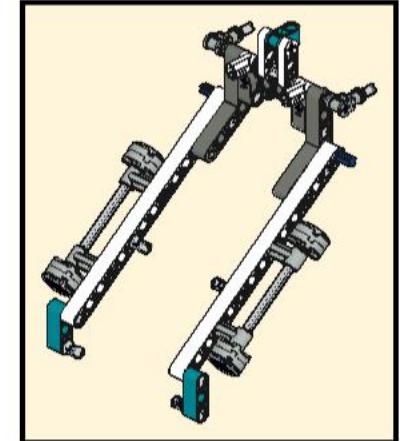
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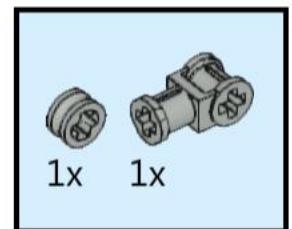
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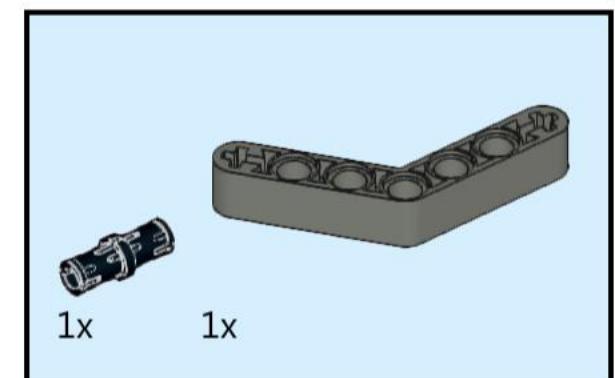
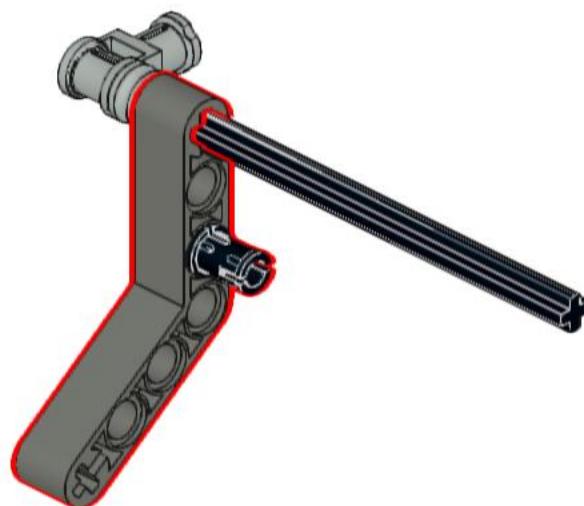
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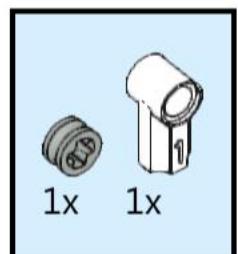
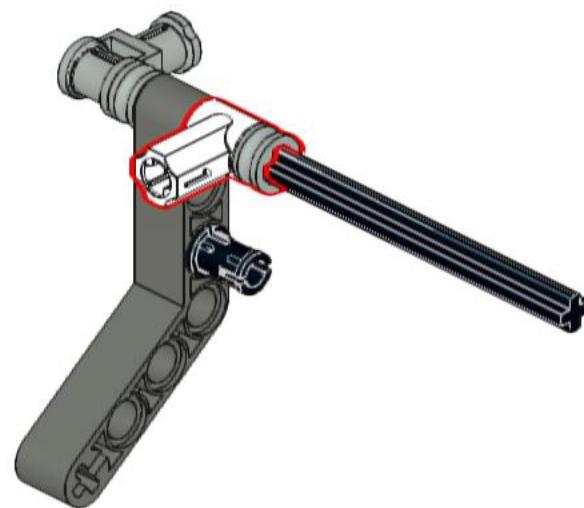
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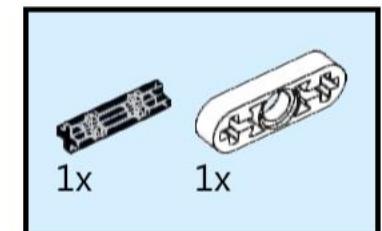
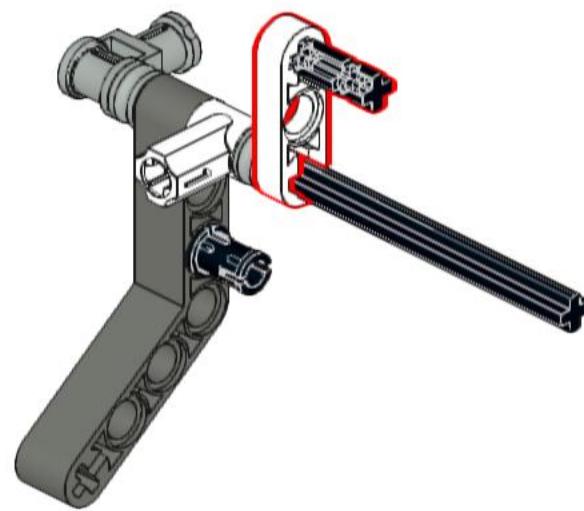
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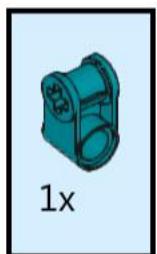
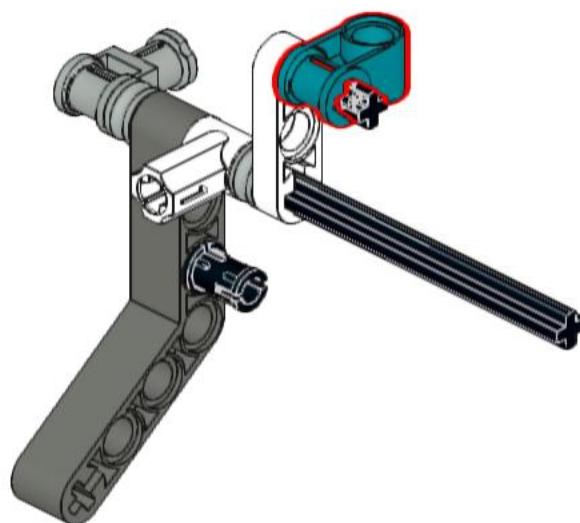
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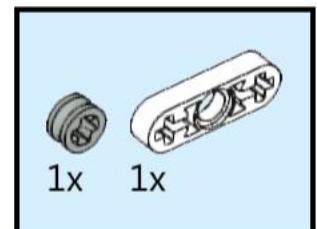
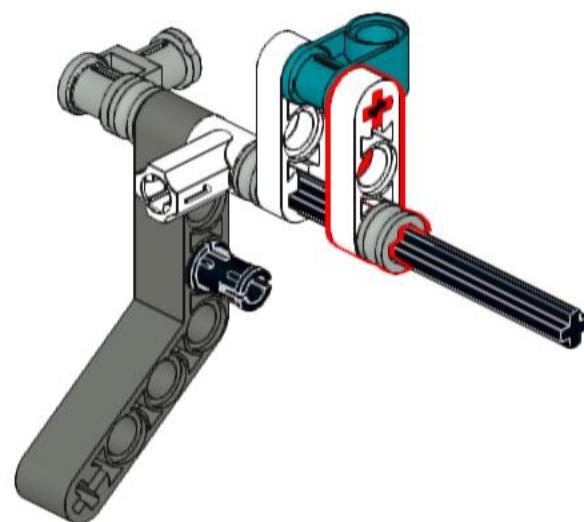
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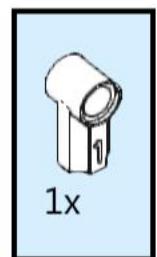
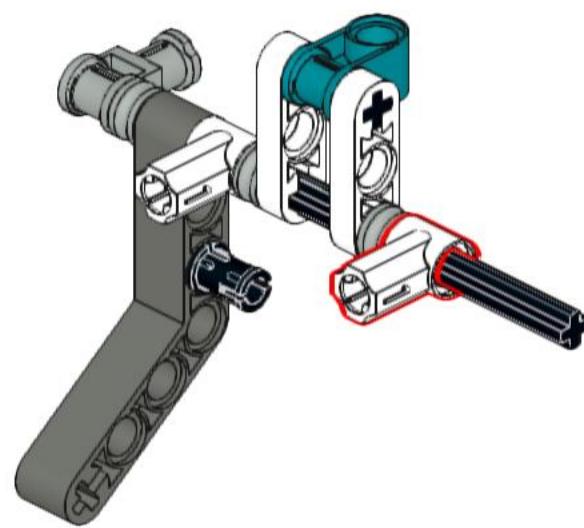
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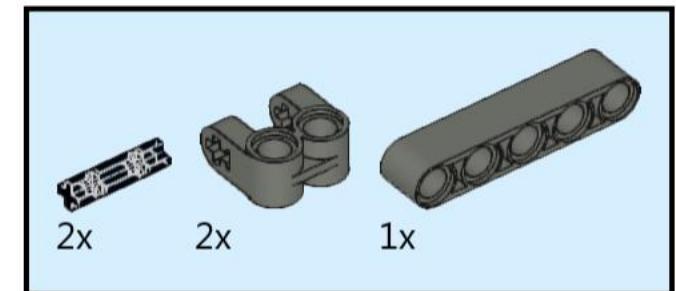
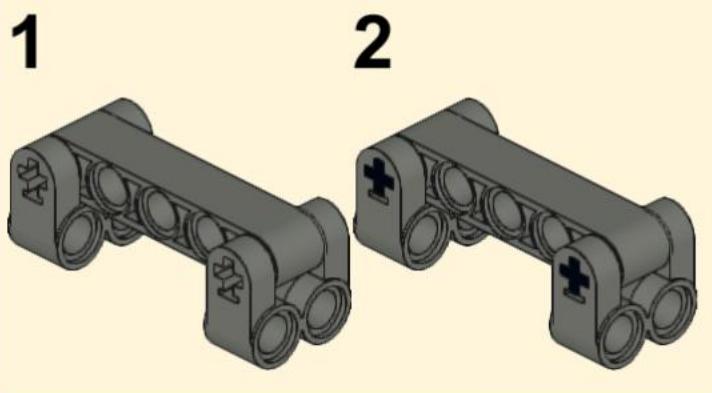
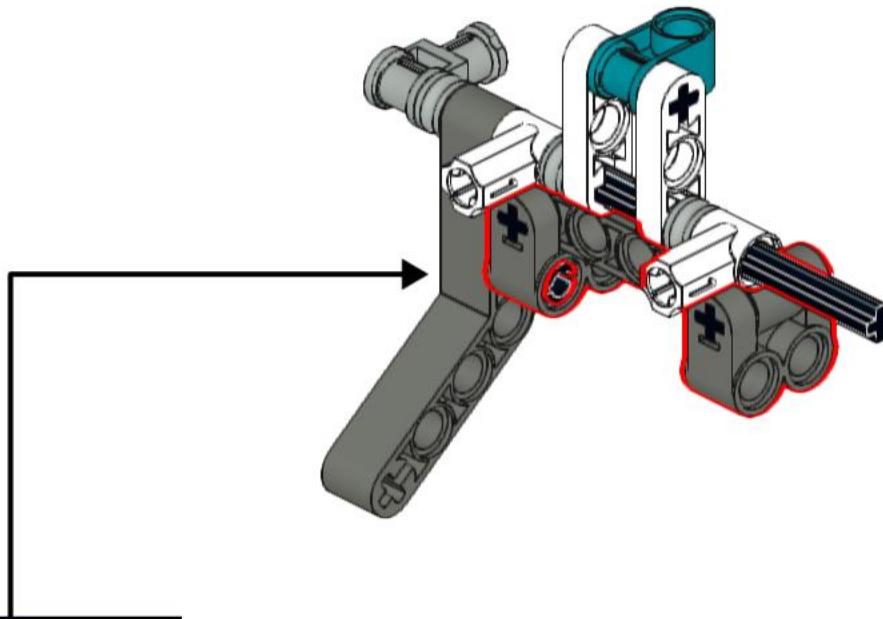
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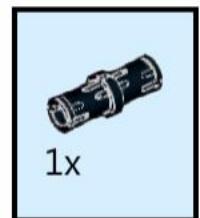
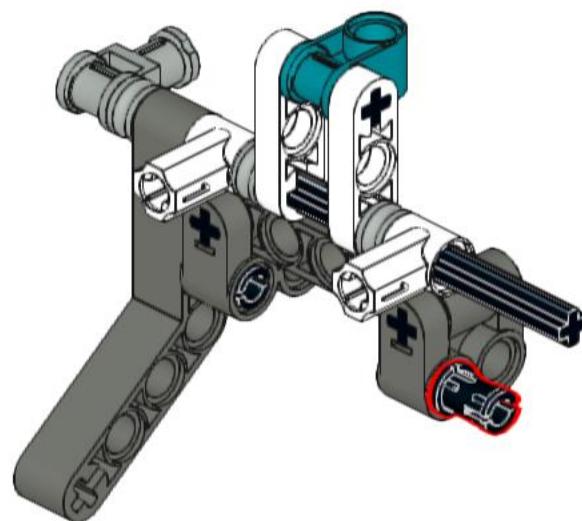
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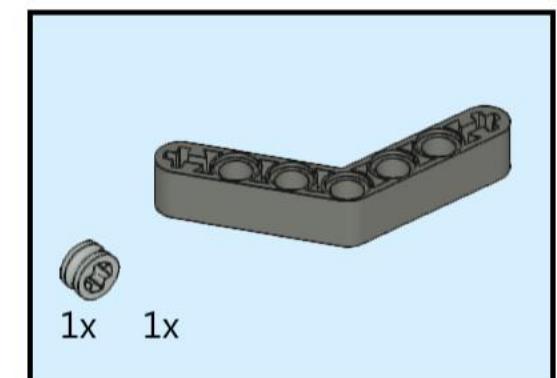
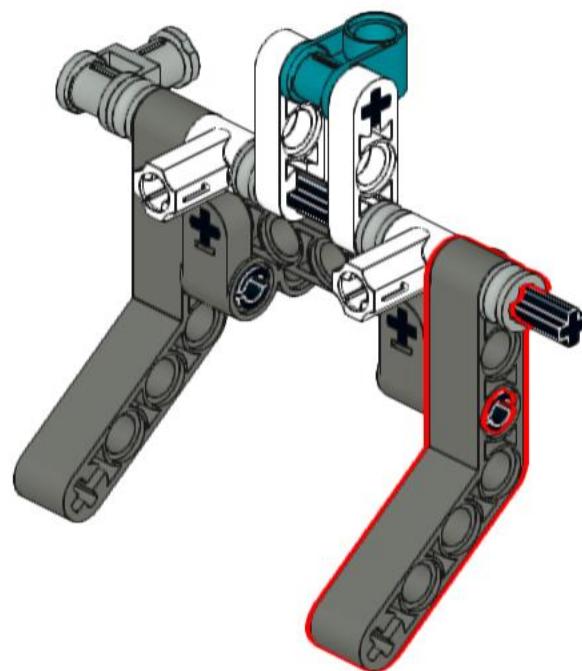
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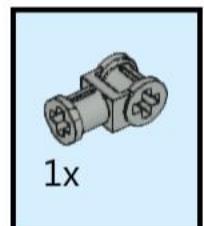
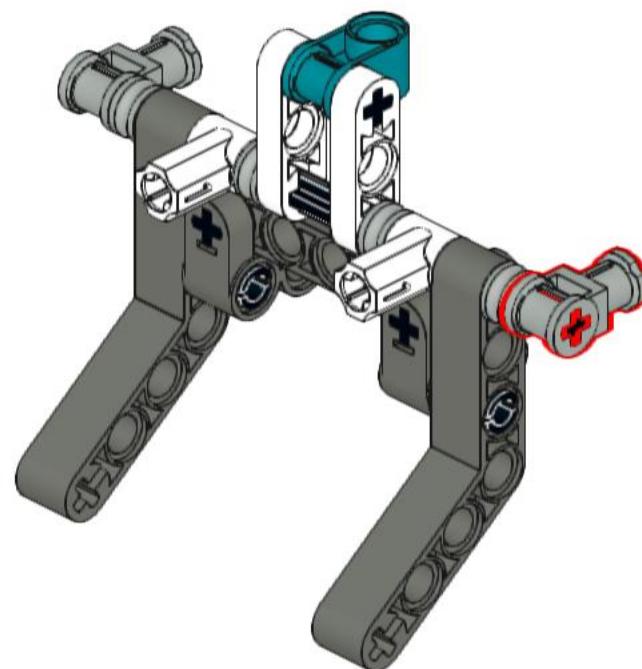
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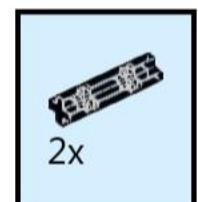
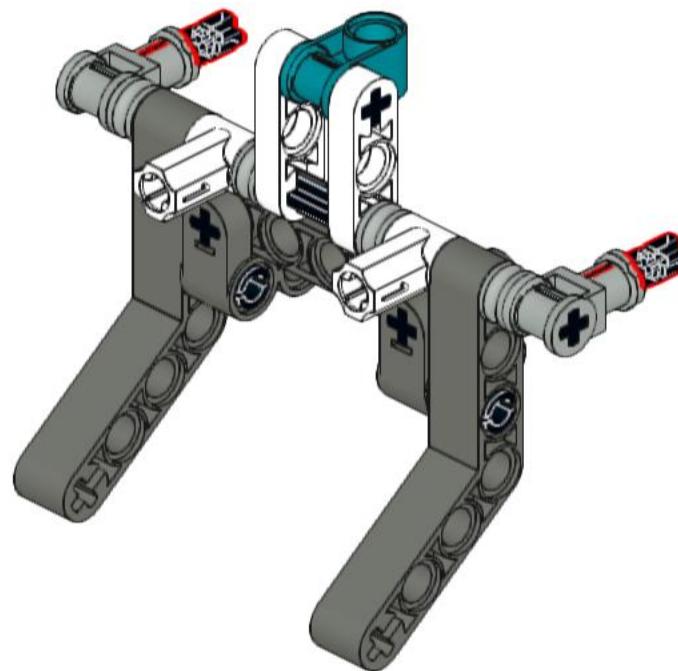
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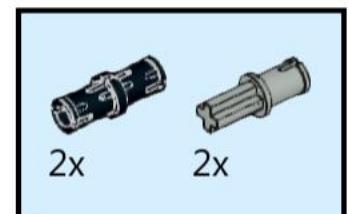
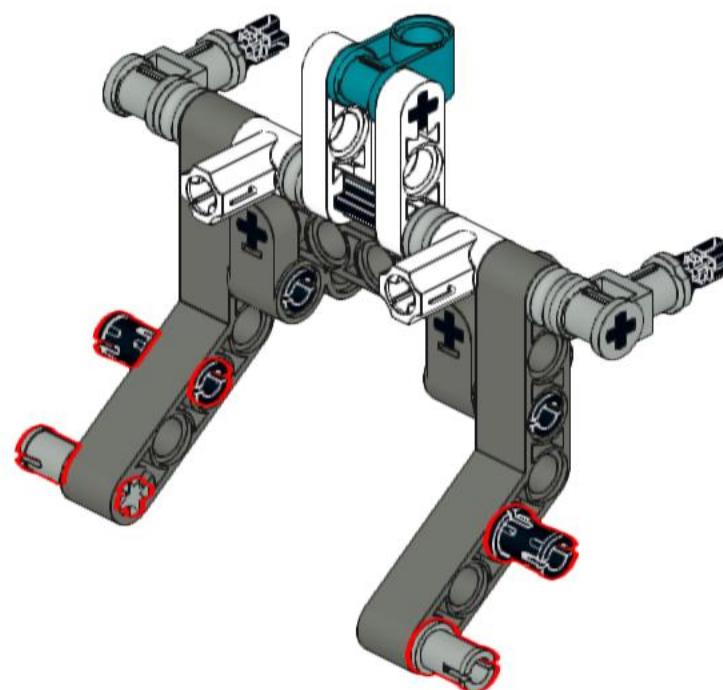
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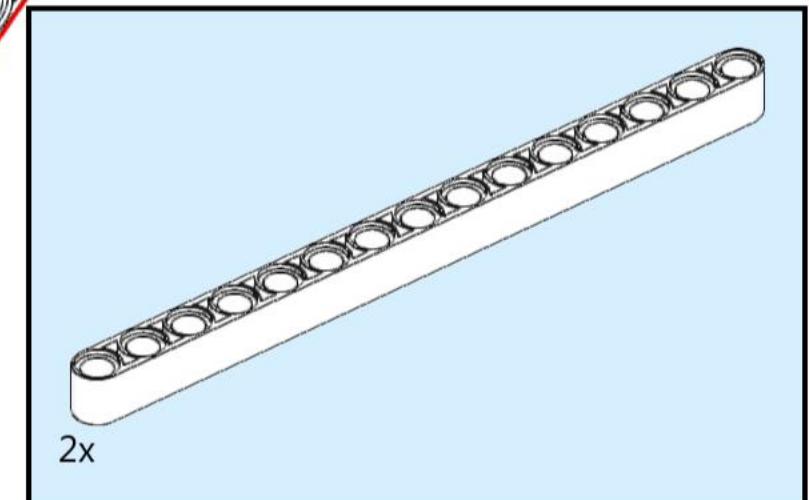
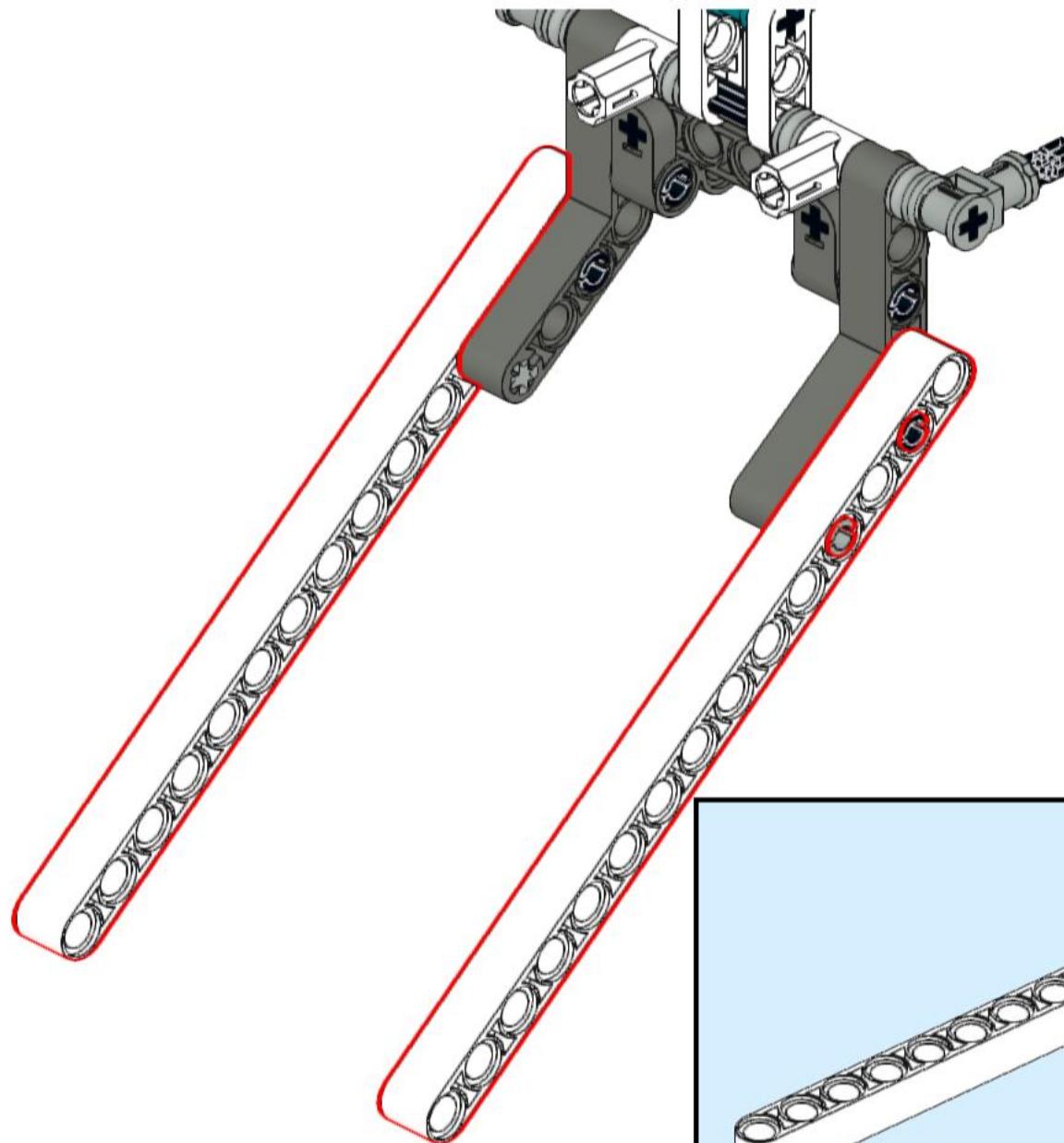
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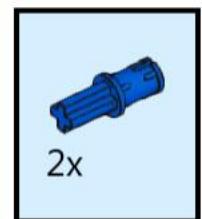
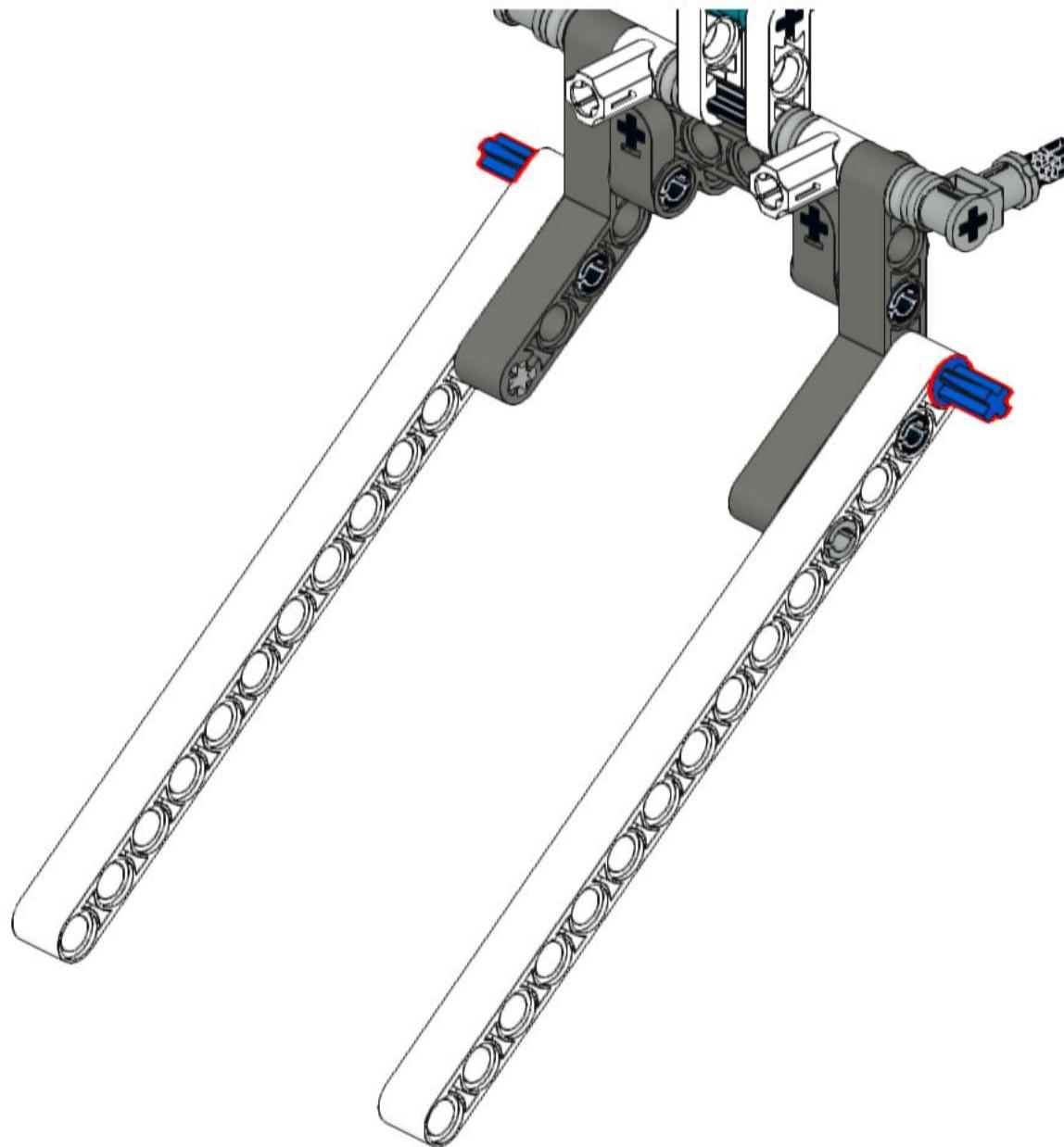
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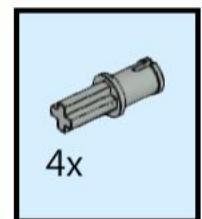
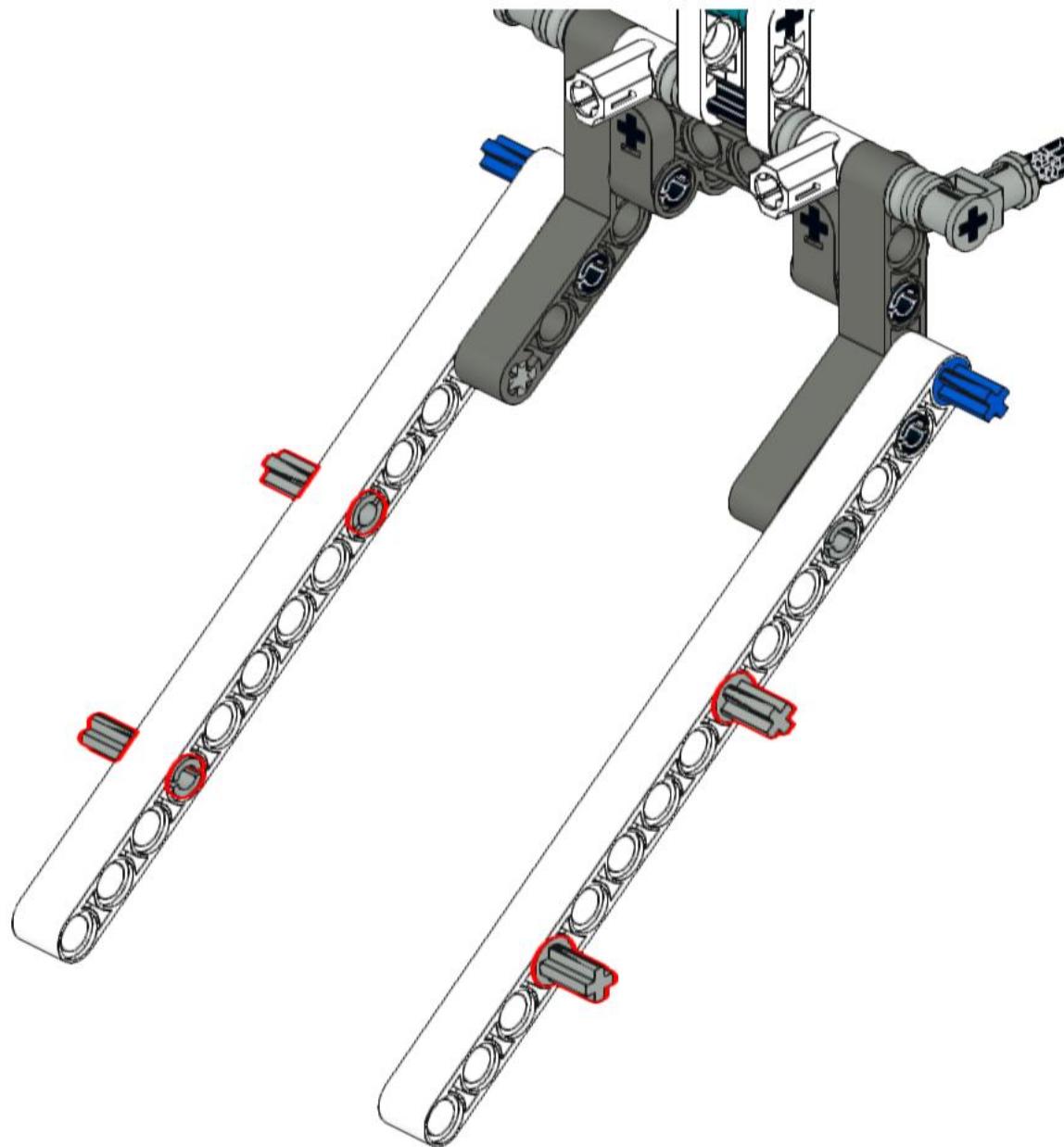
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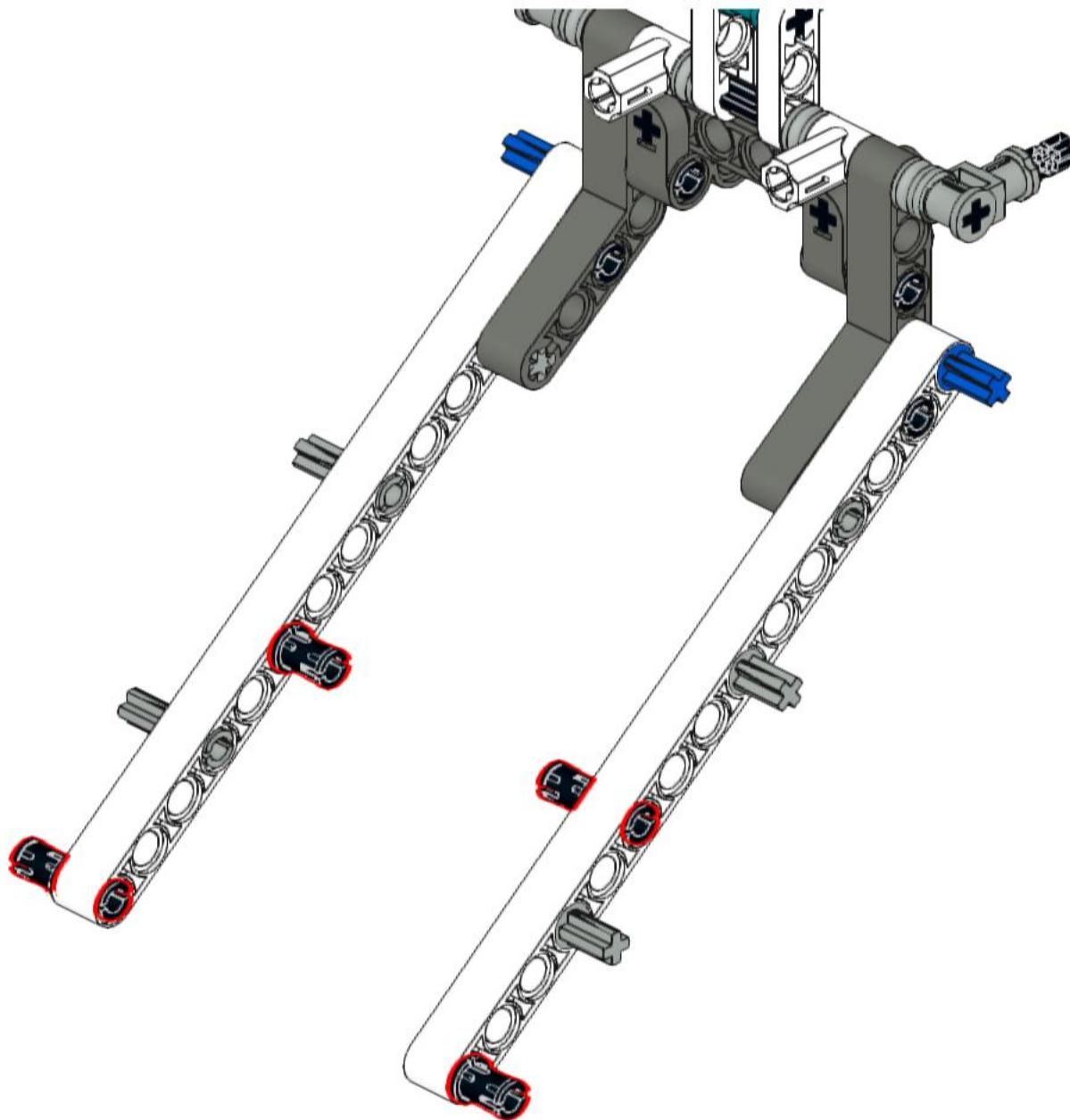
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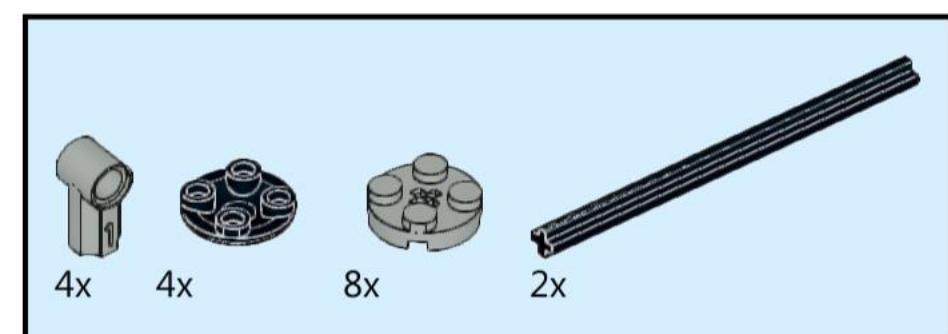
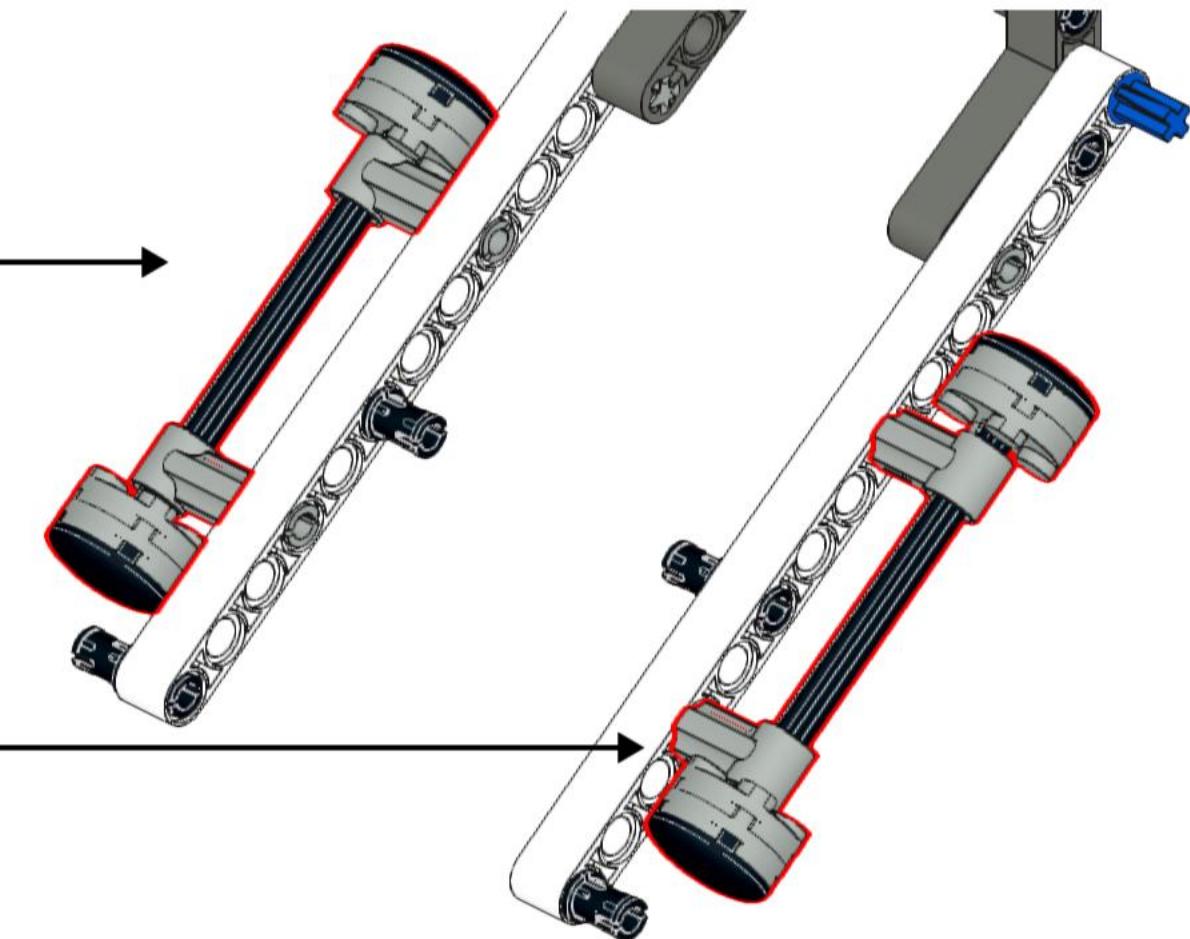
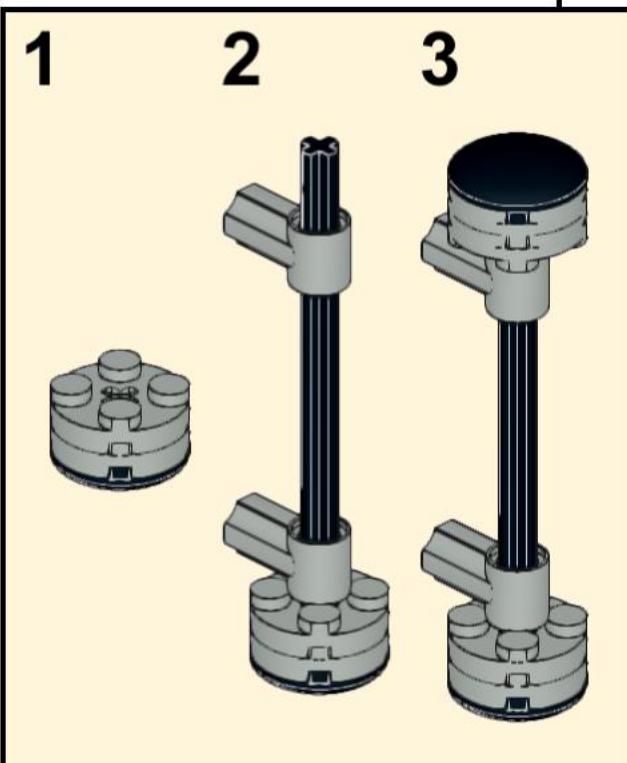


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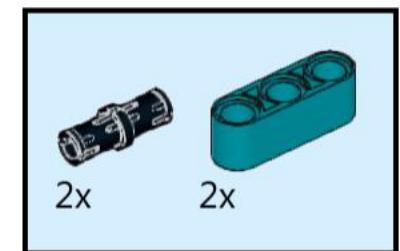
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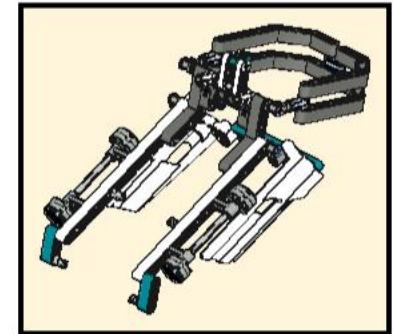


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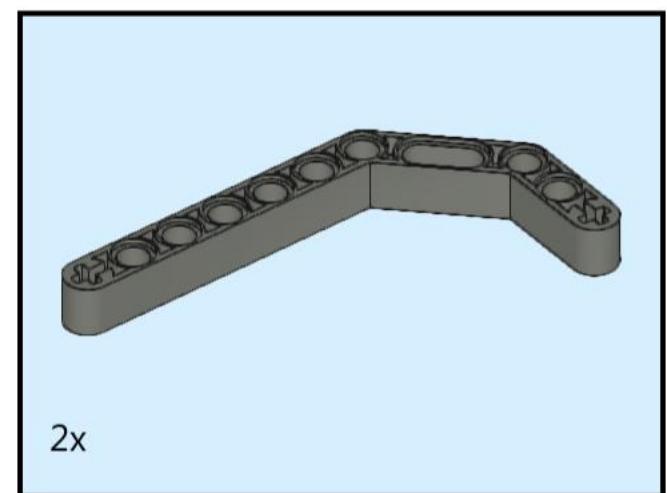
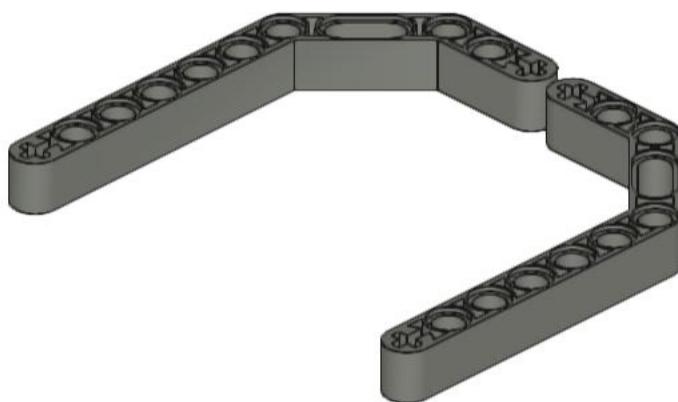
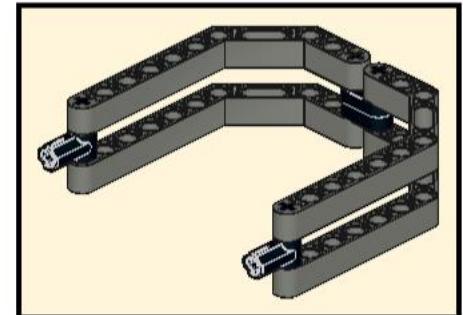
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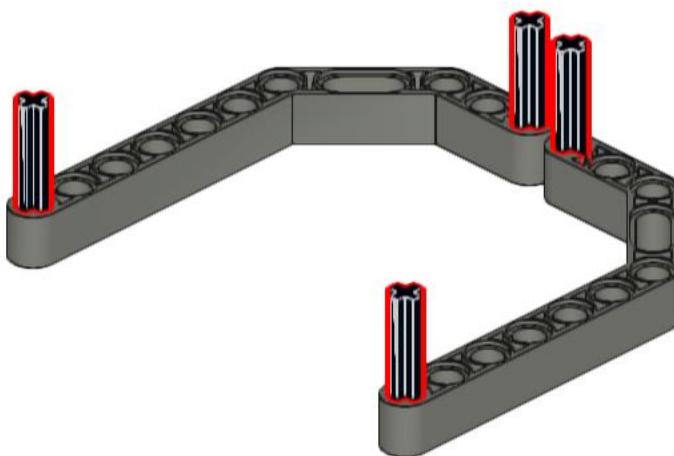


**103**

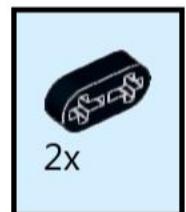
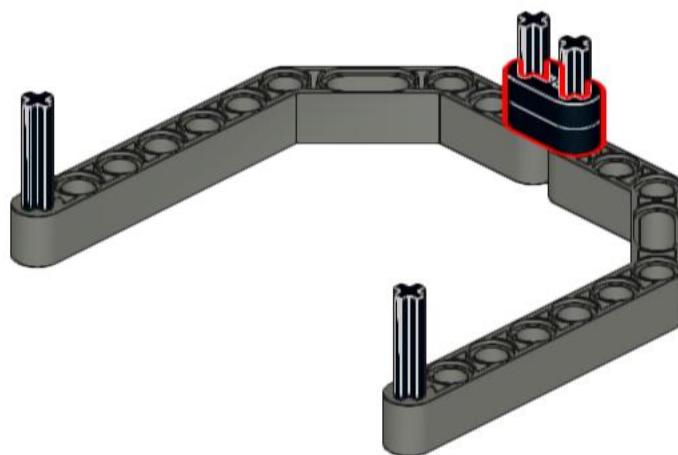


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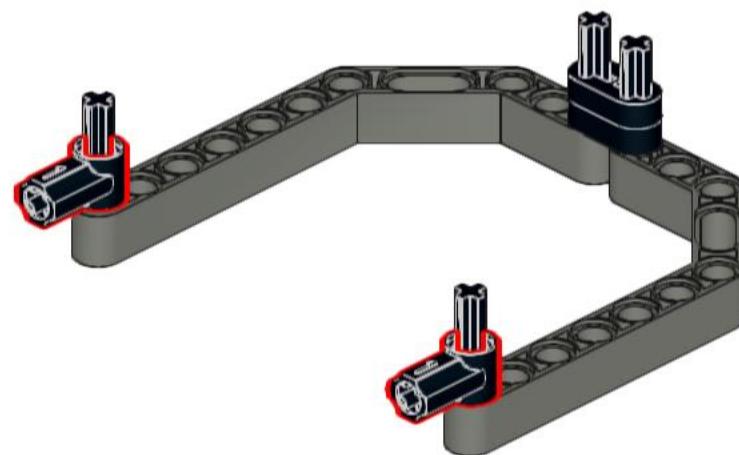
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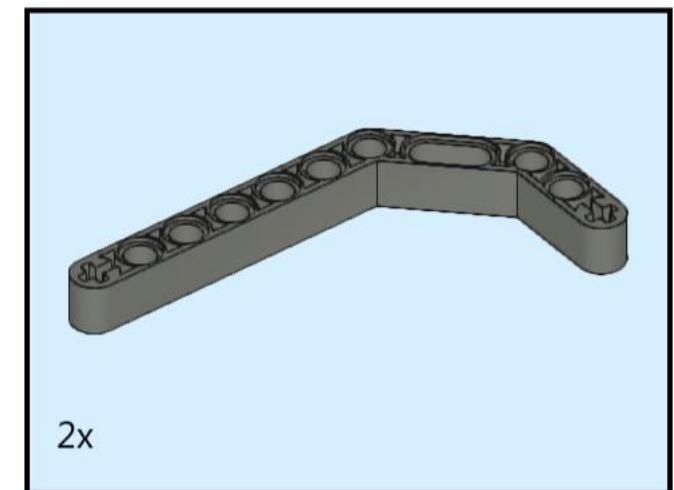
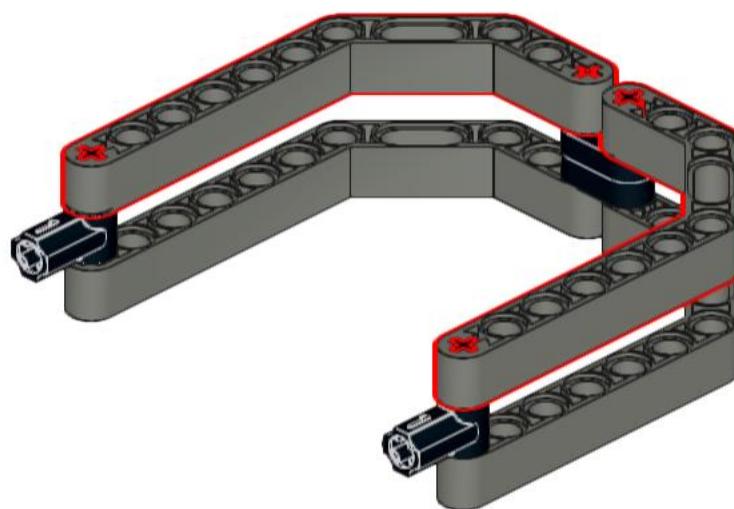
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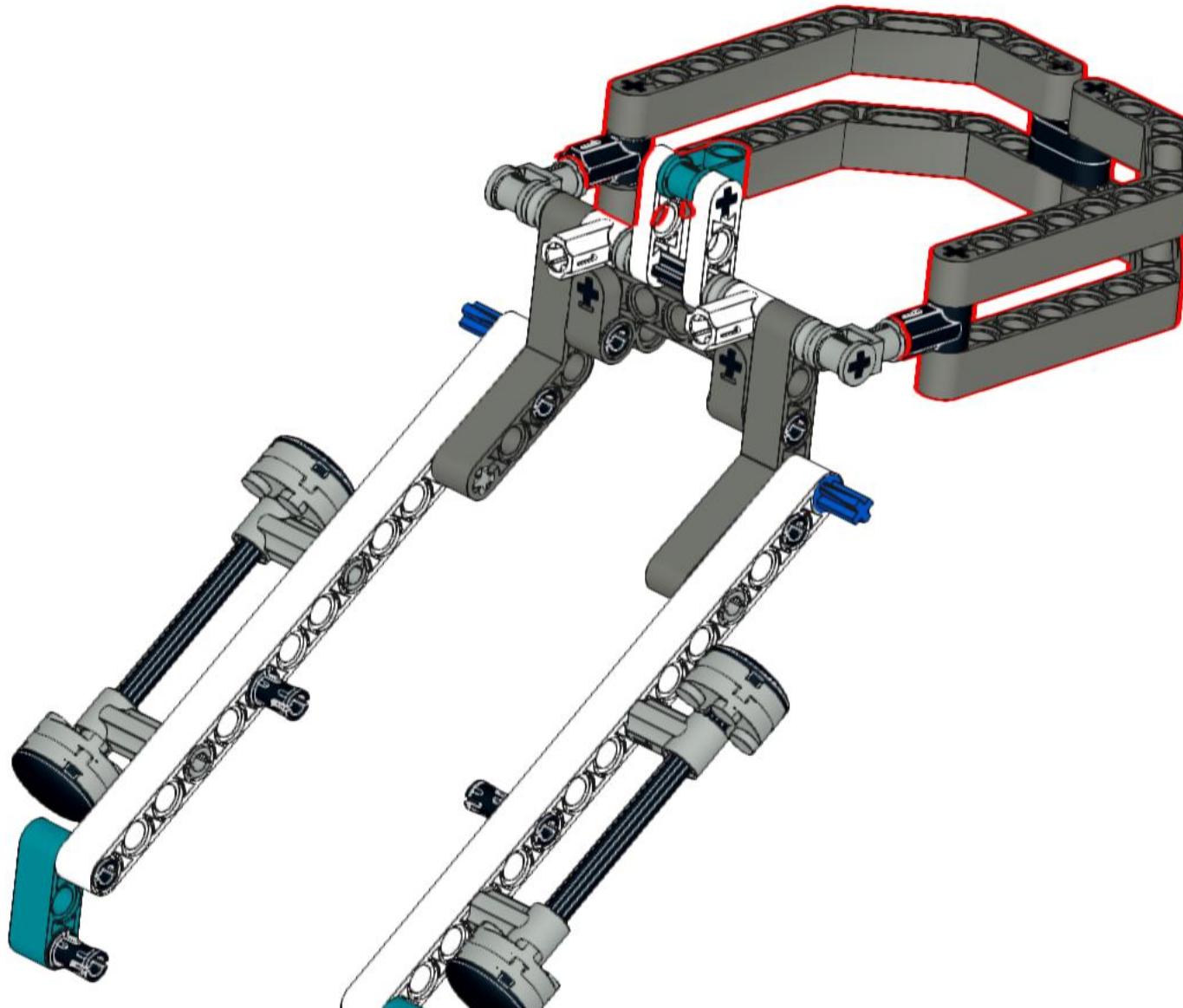
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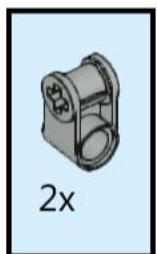
**107**



# 108



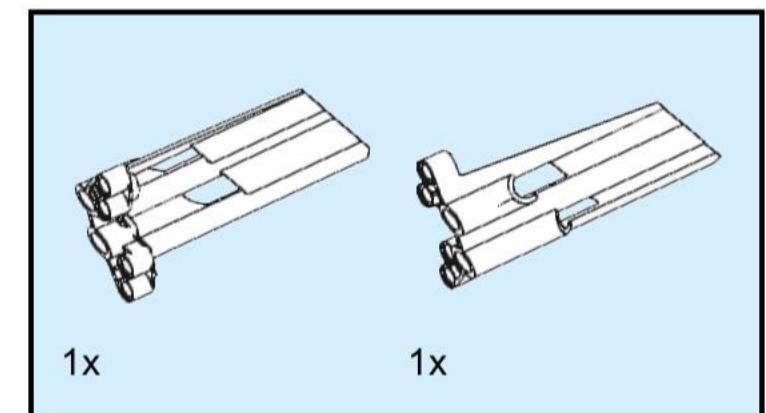
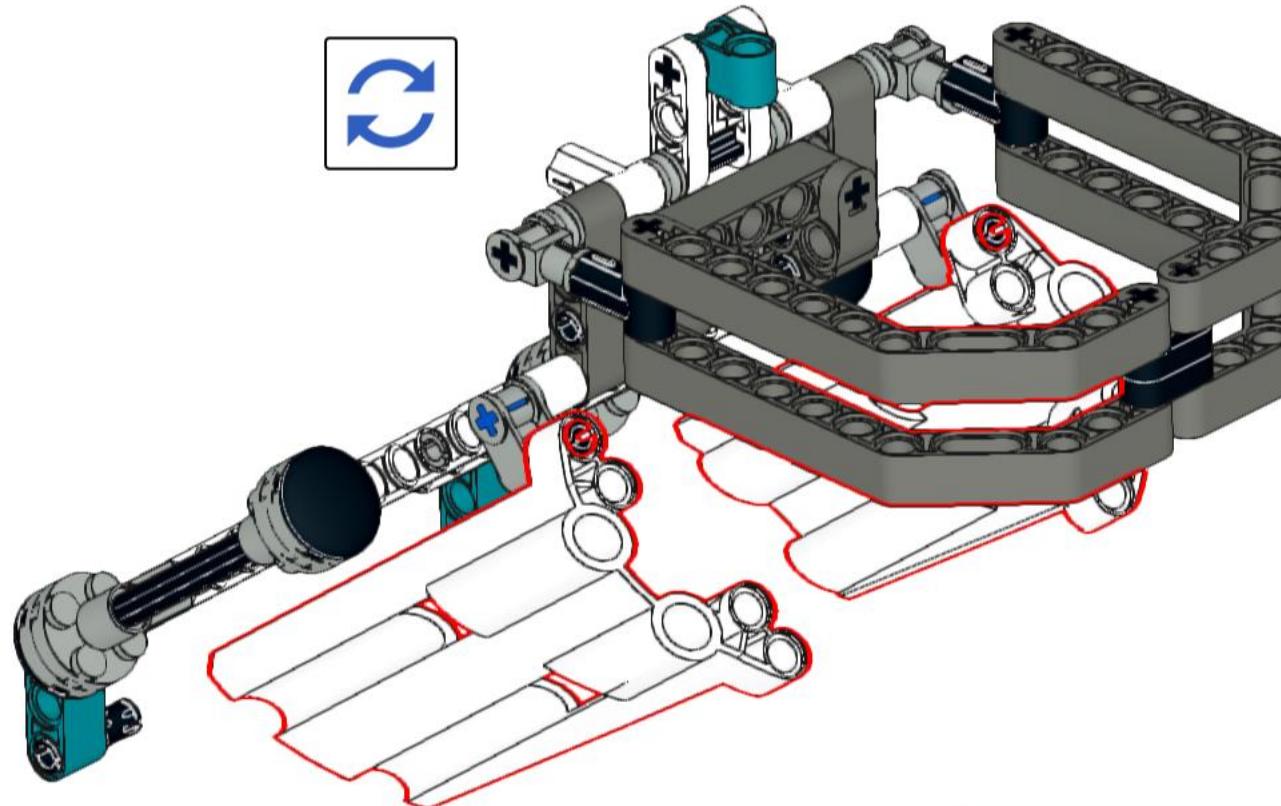
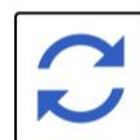
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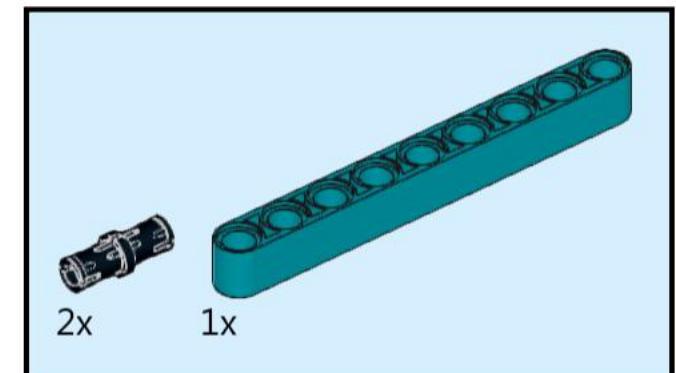
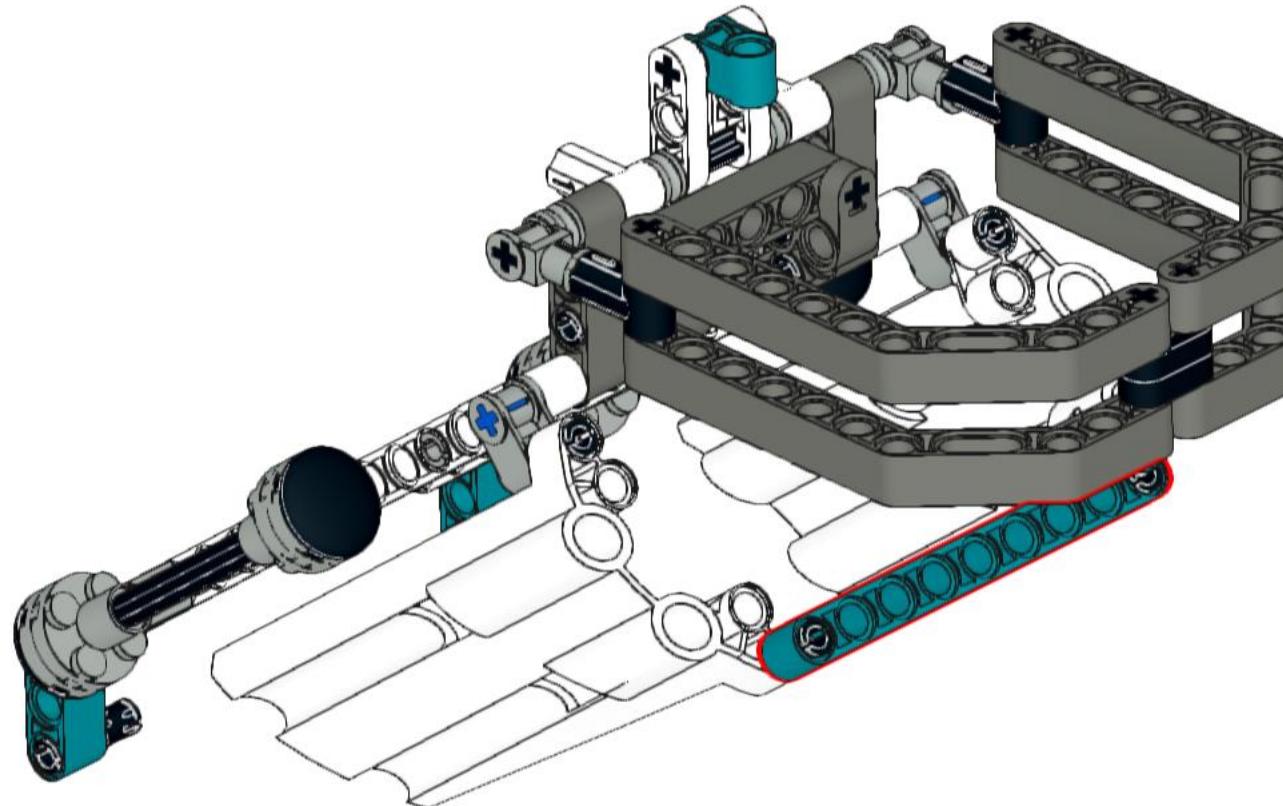
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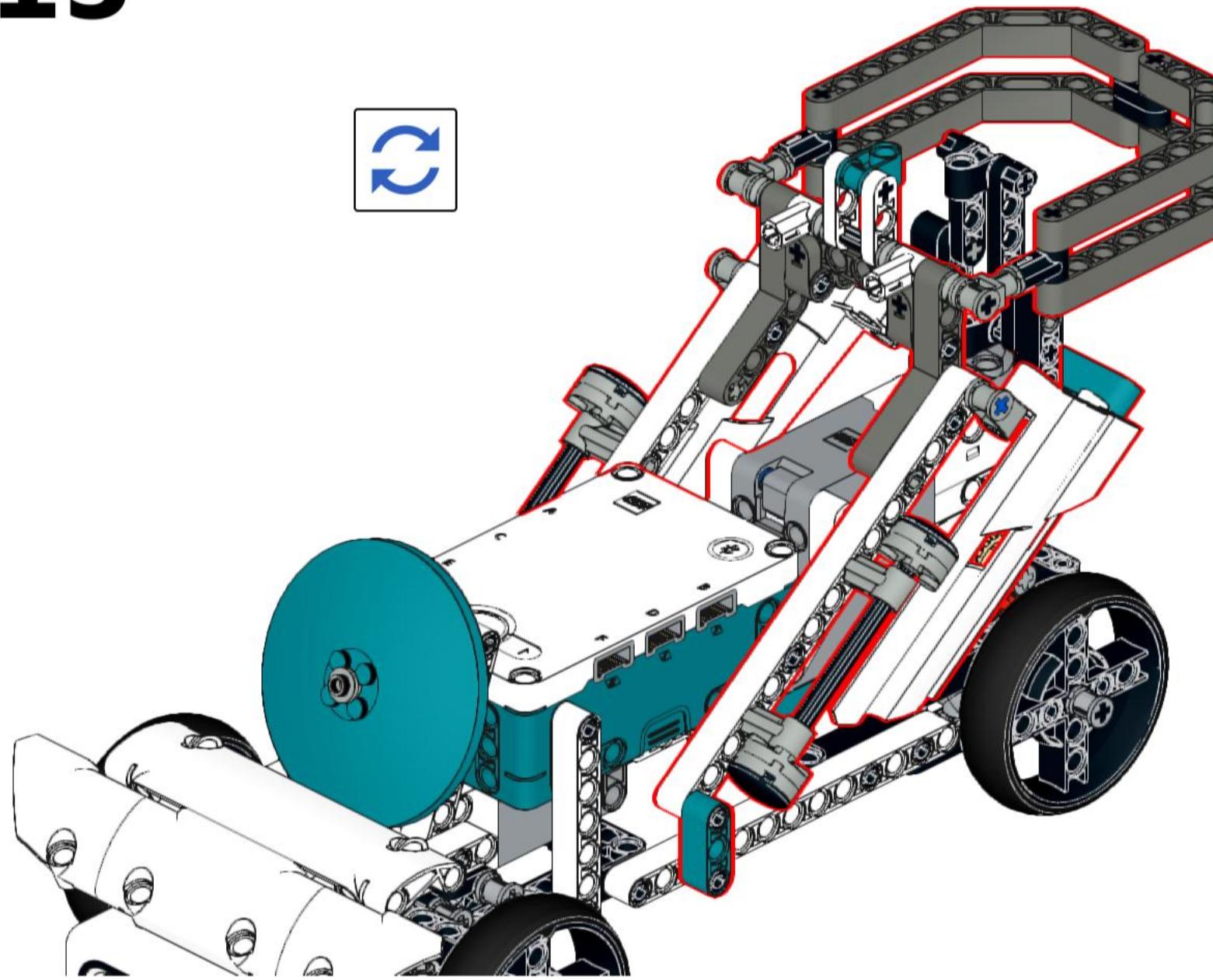
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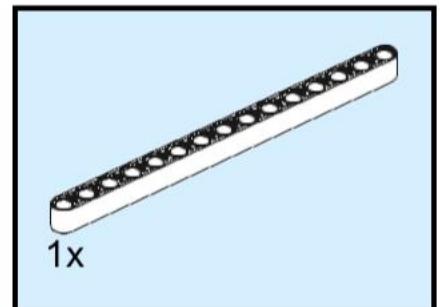
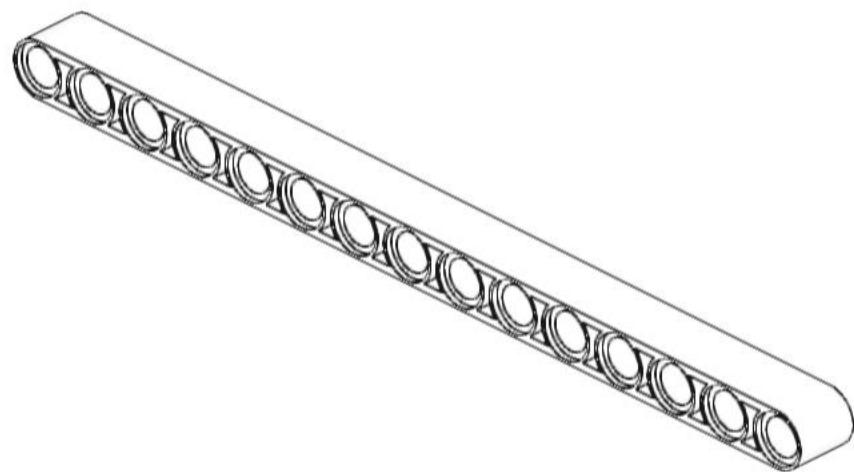
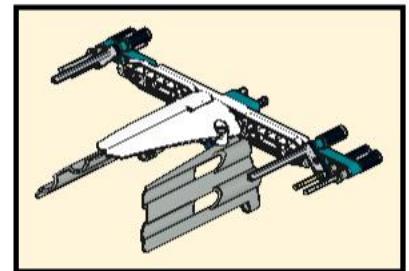
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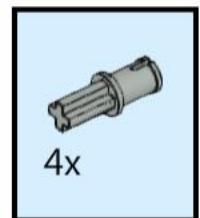
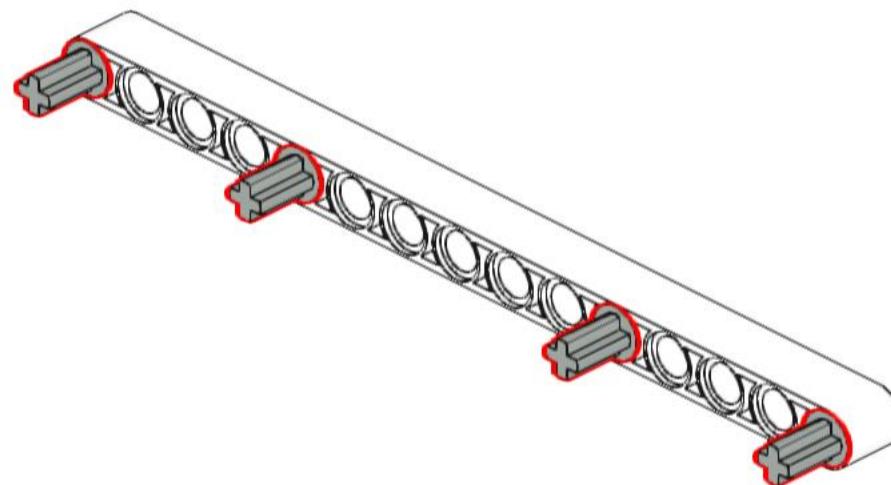
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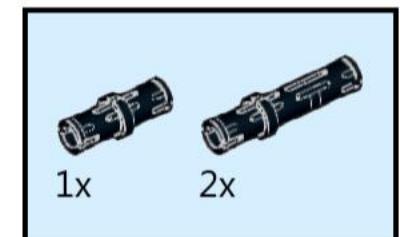
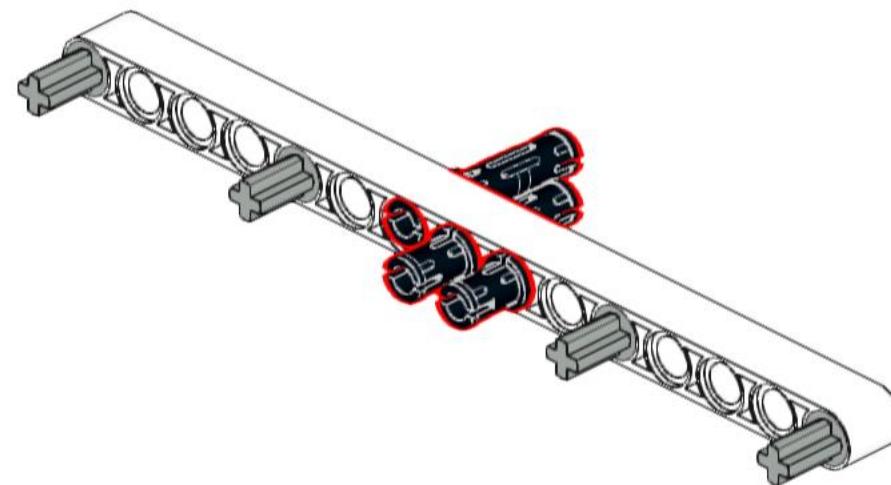
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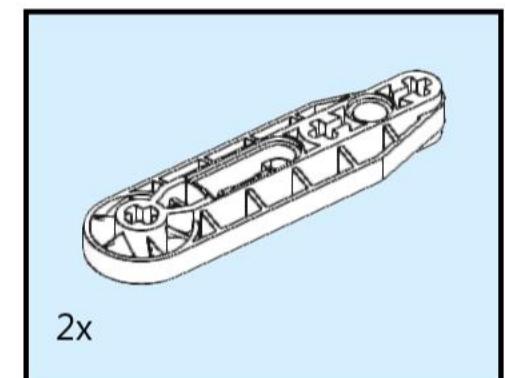
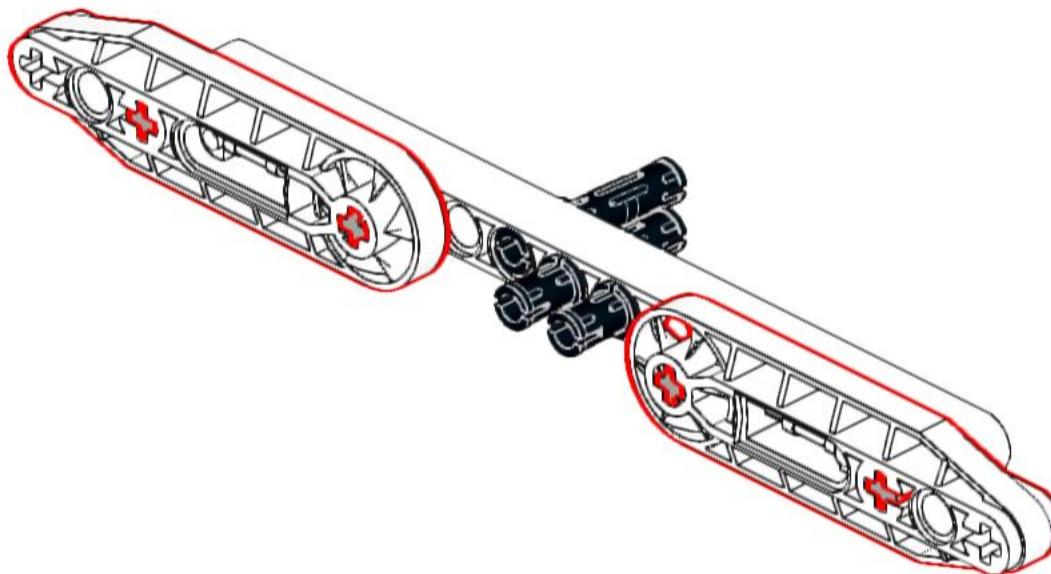
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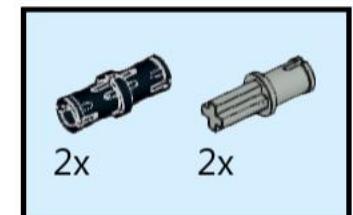
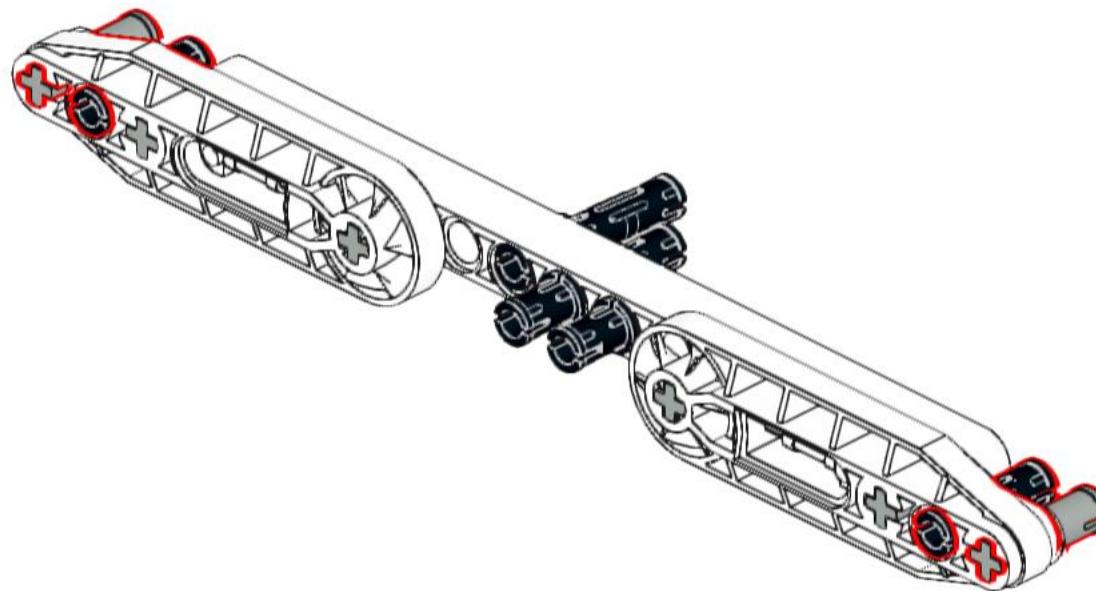
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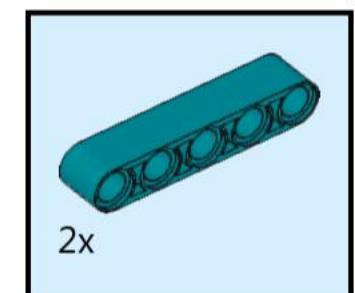
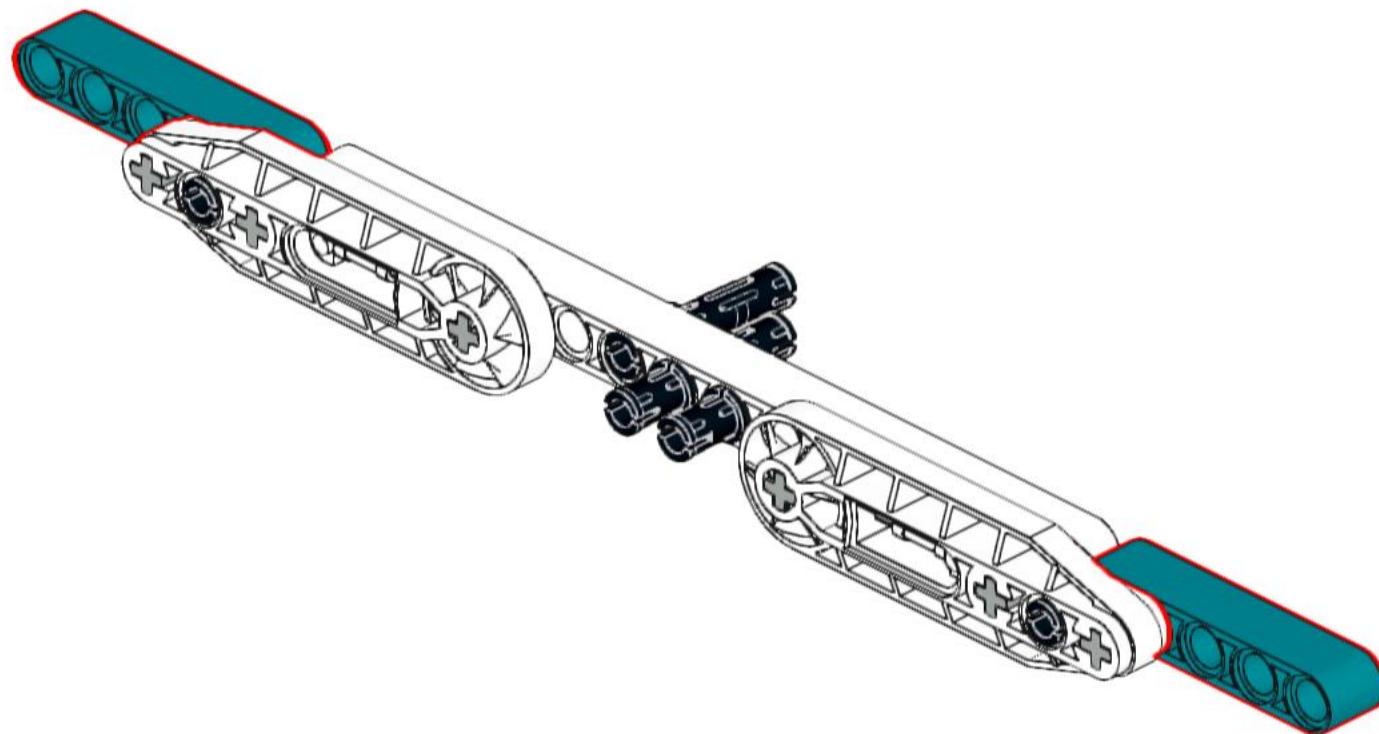
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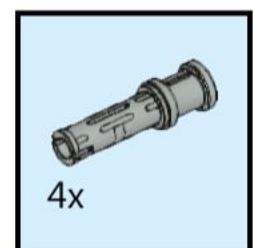
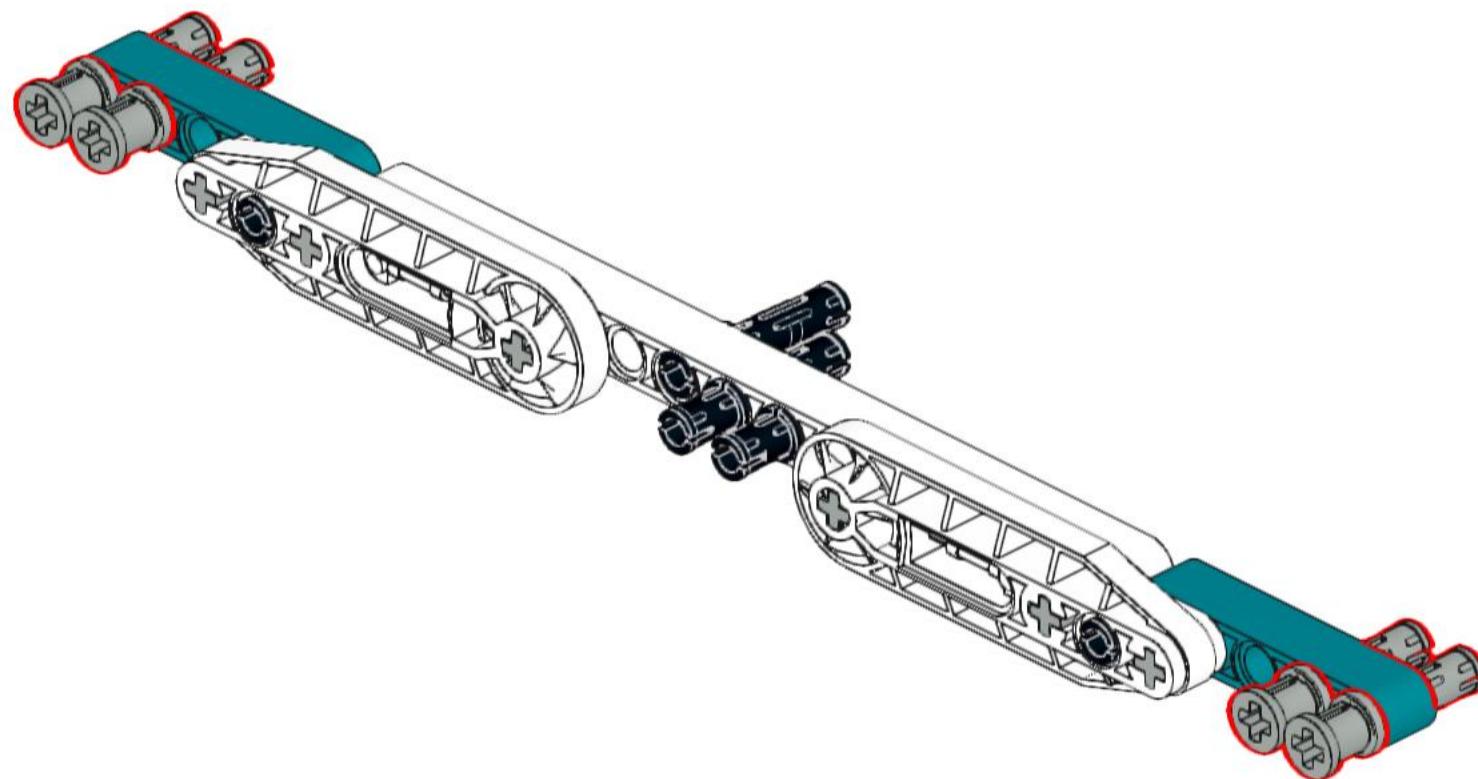
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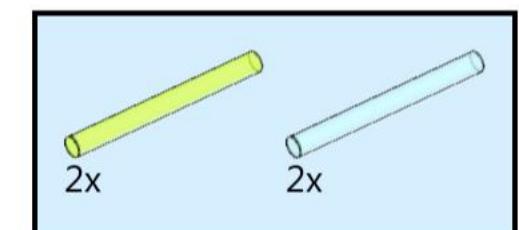
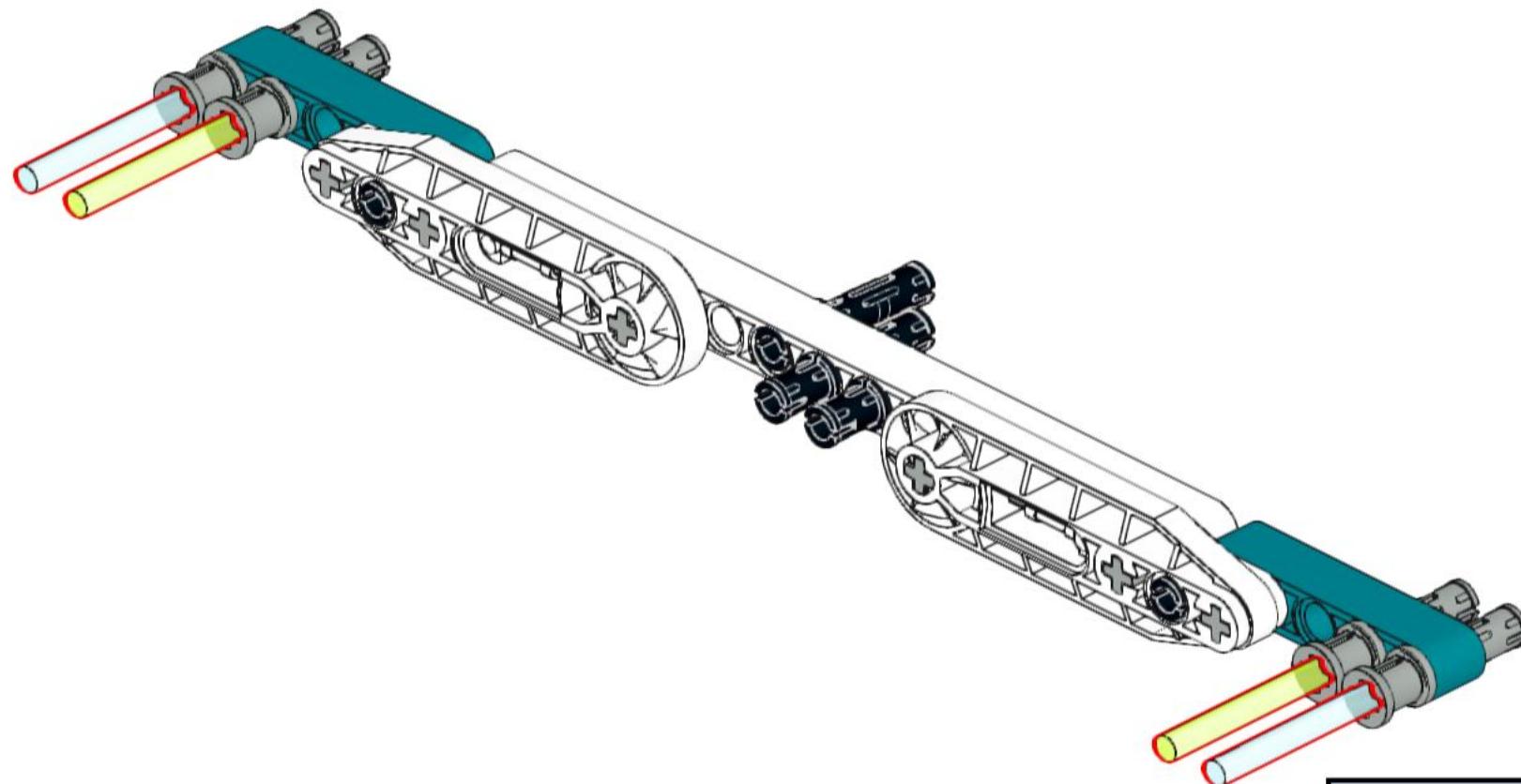
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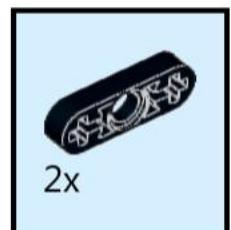
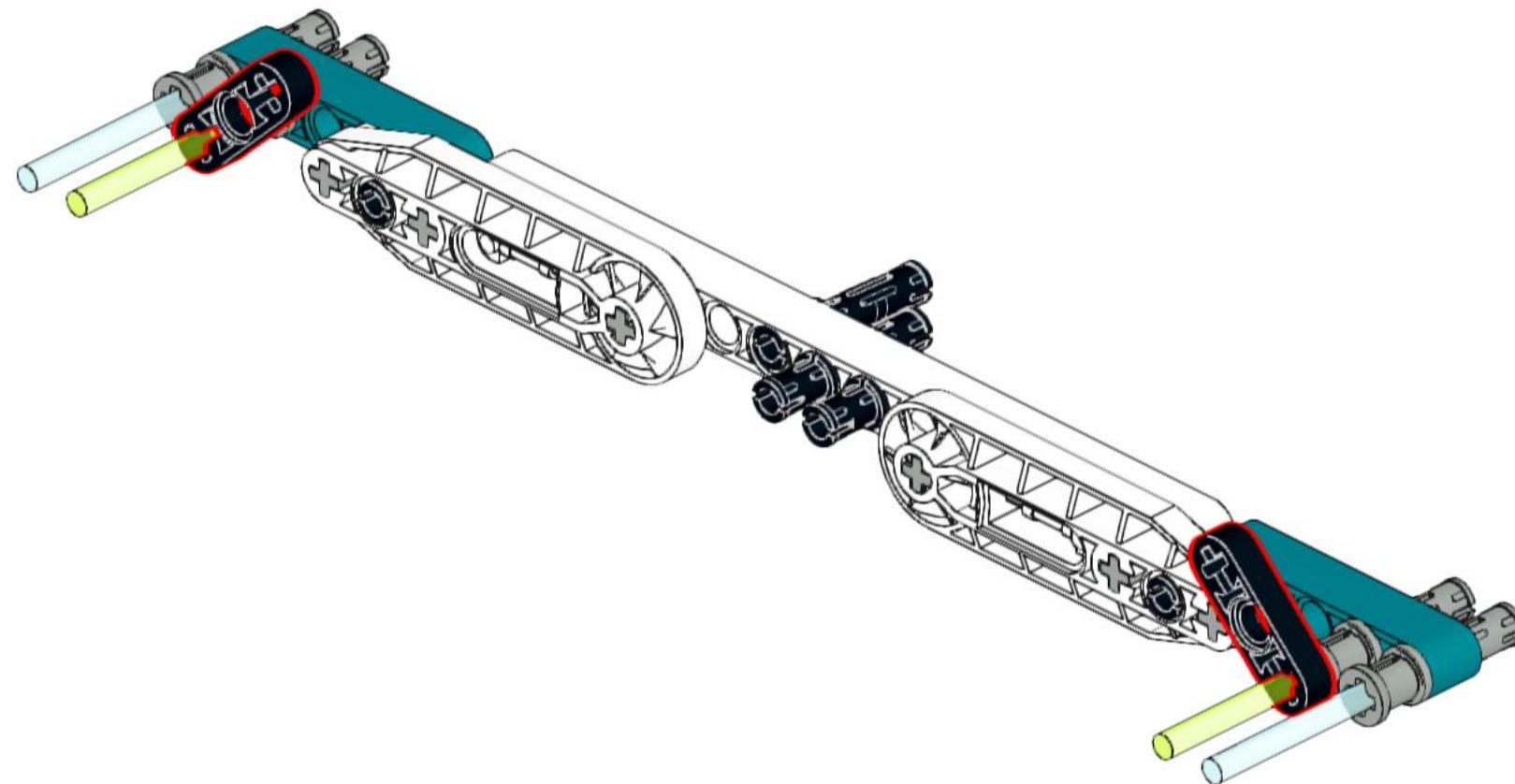
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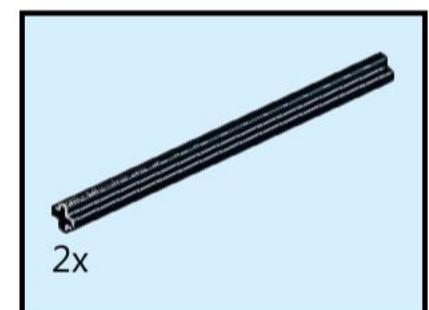
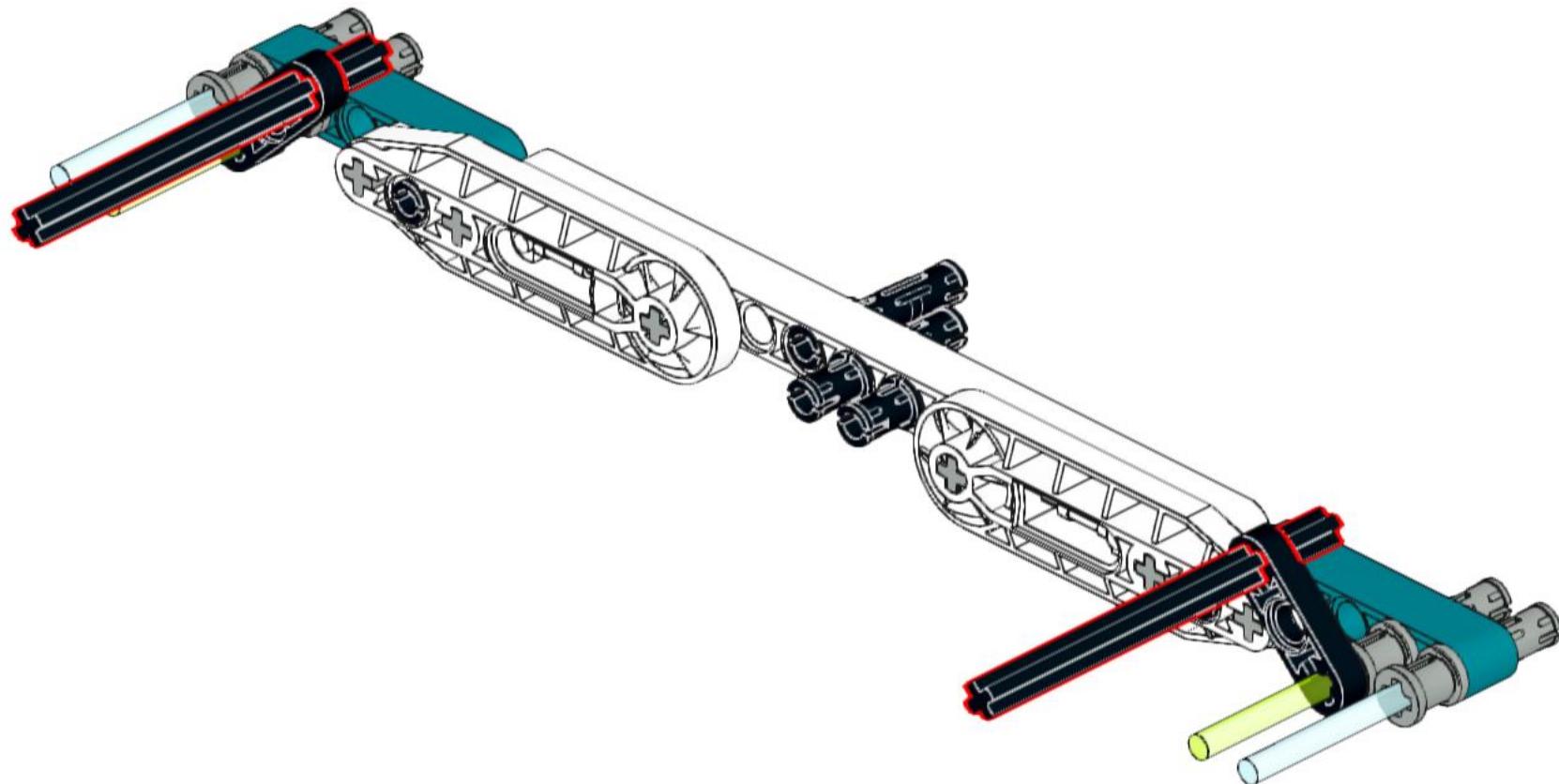
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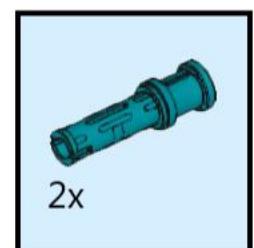
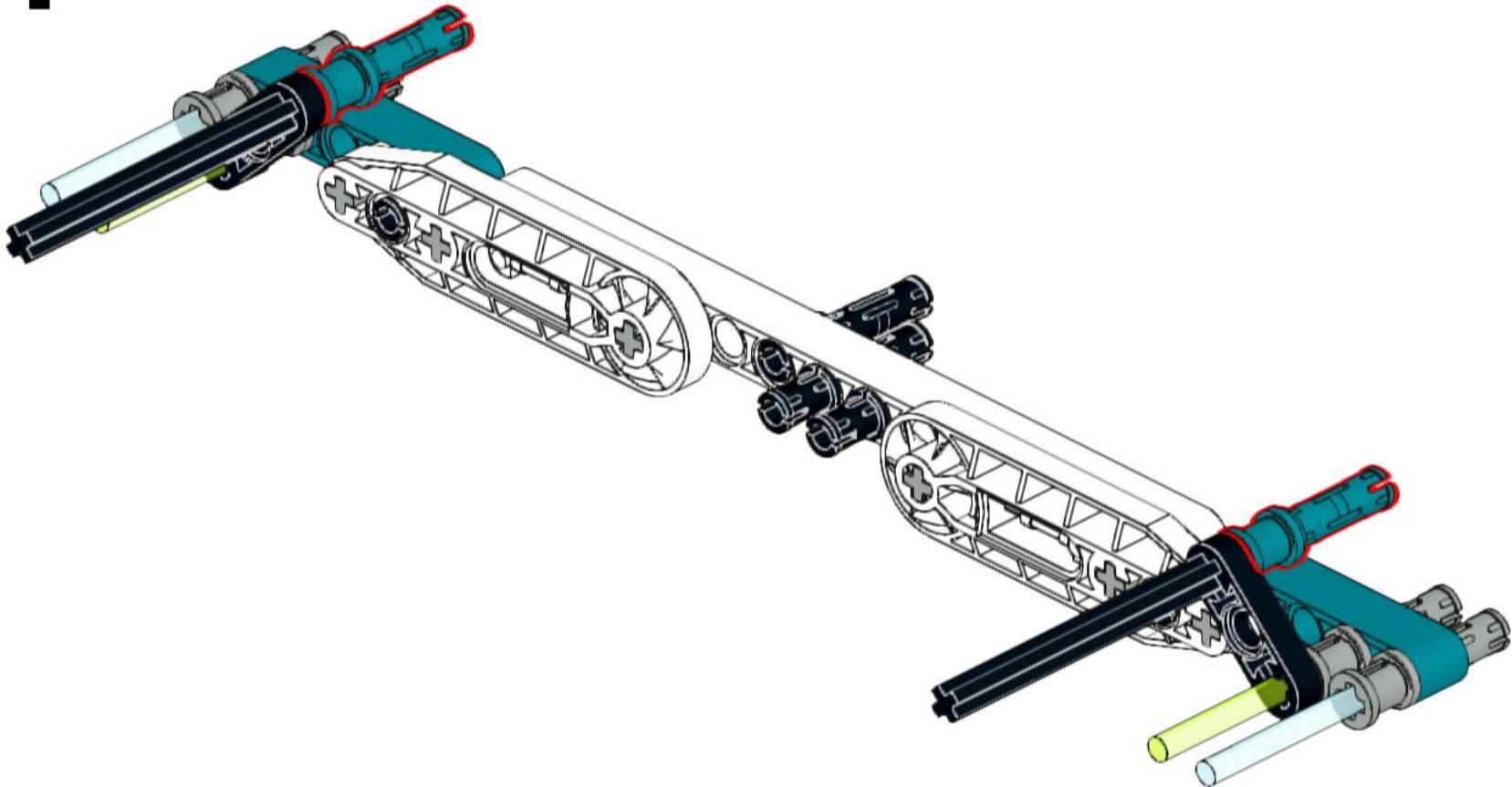
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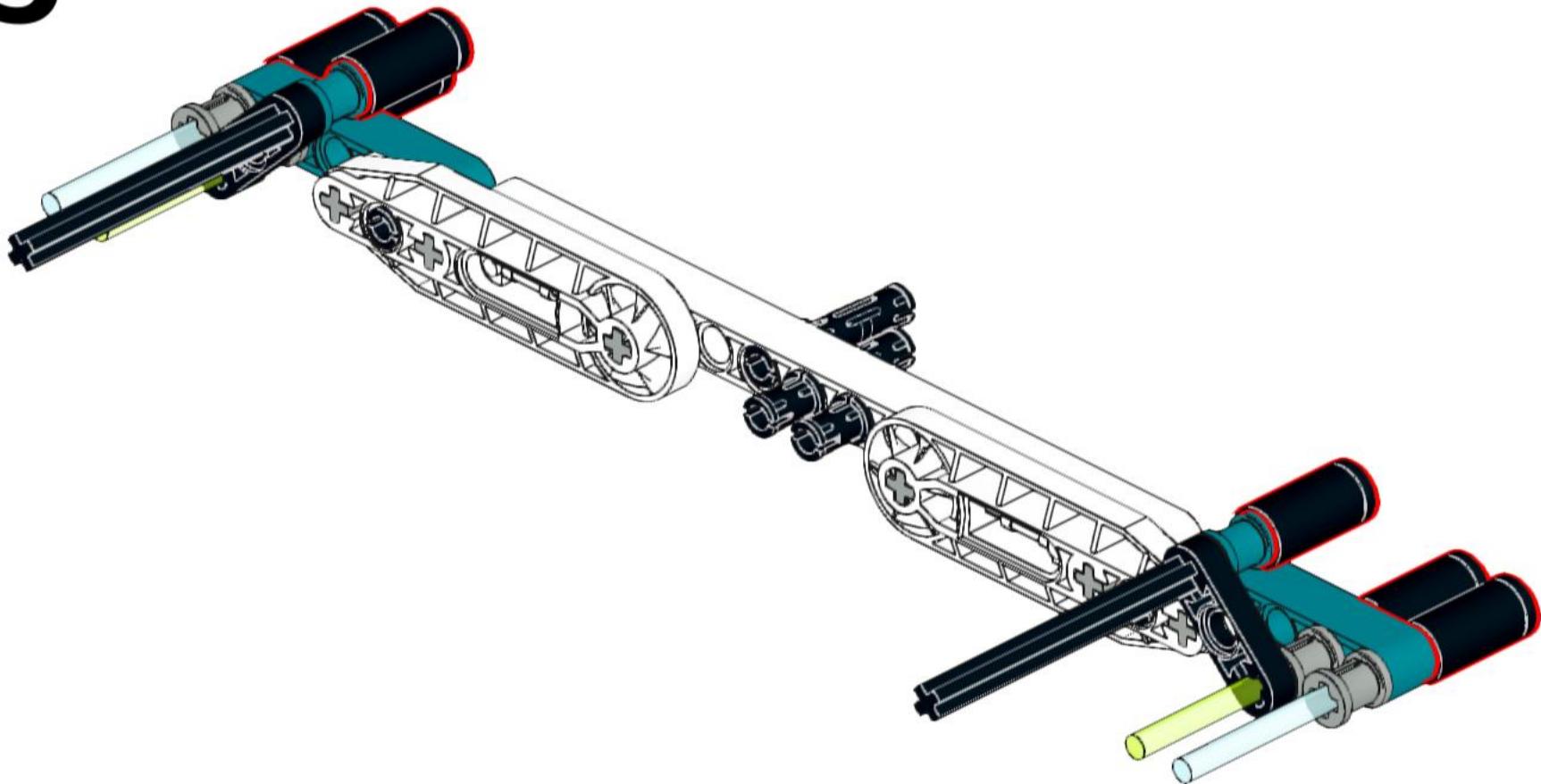
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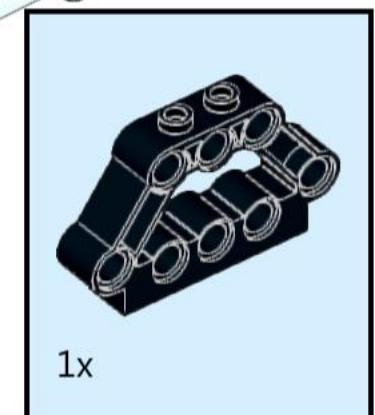
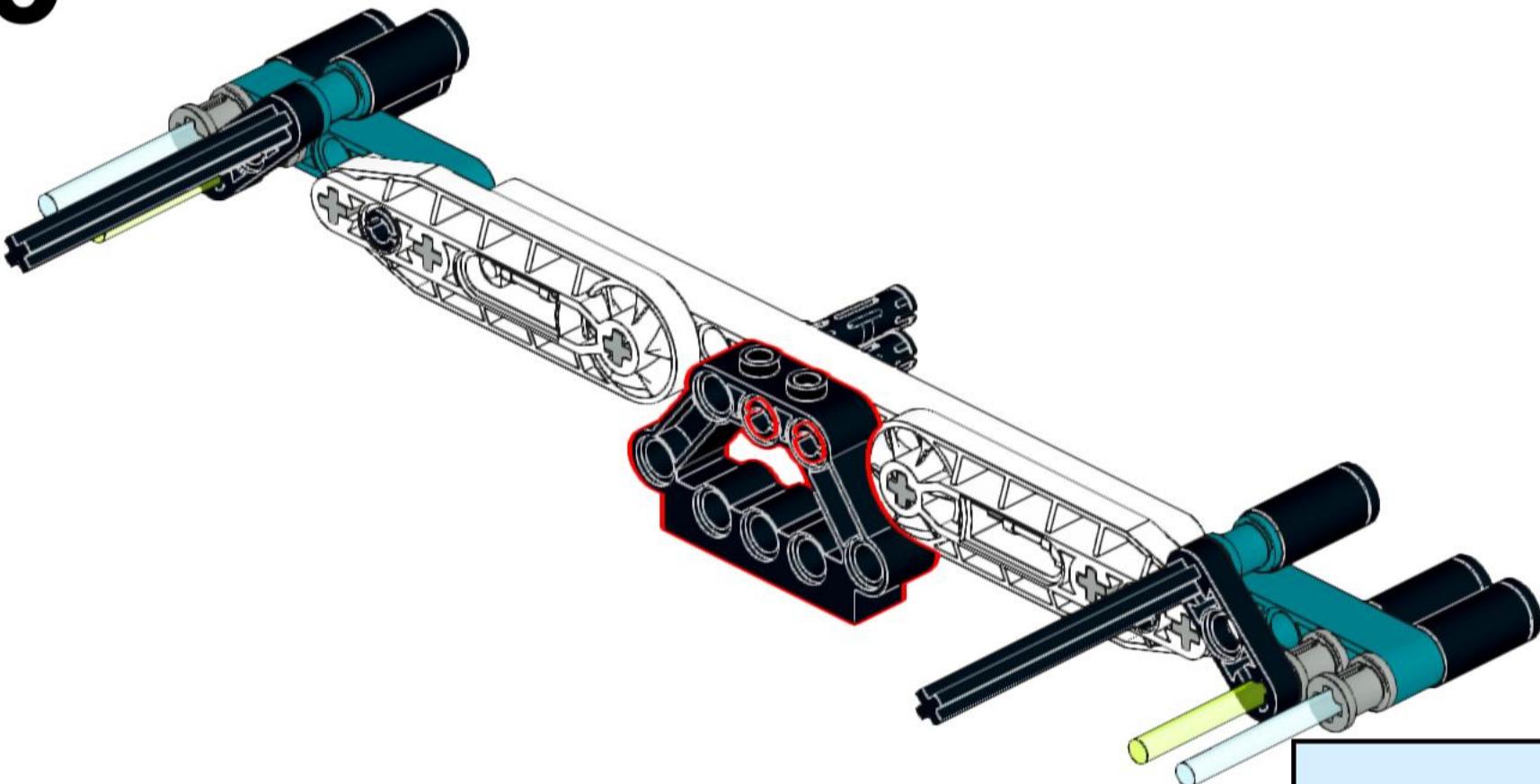
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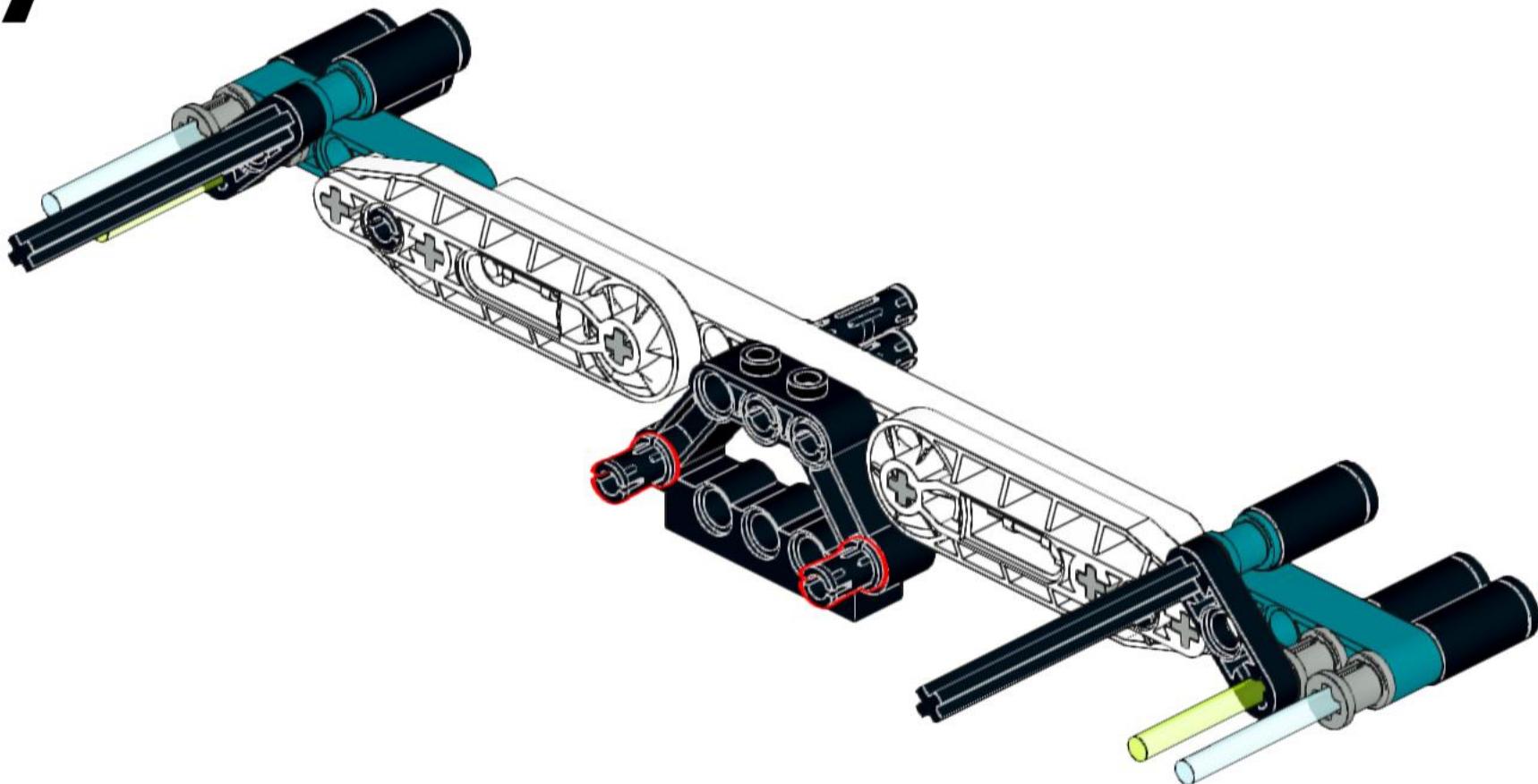
**125**



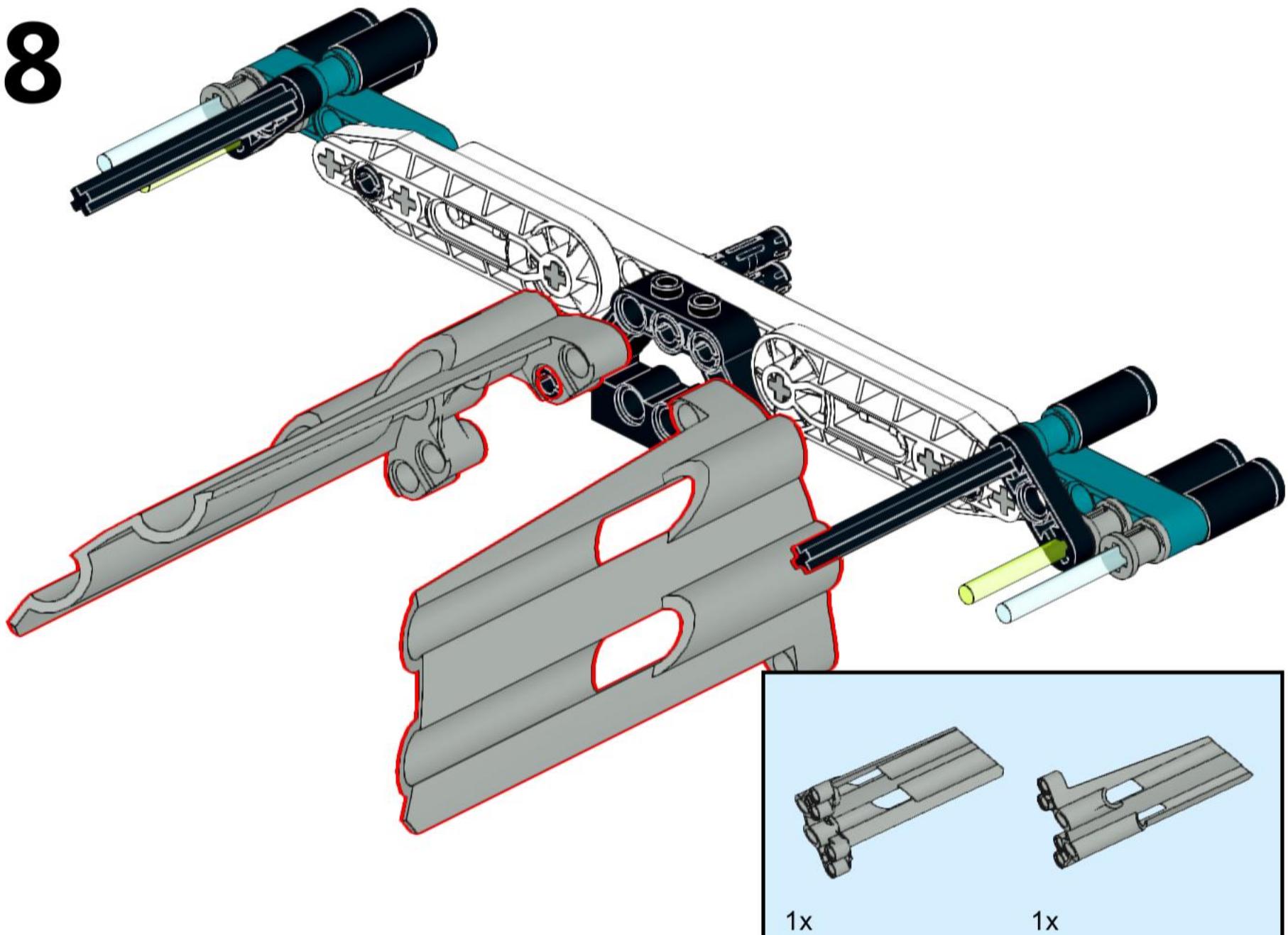
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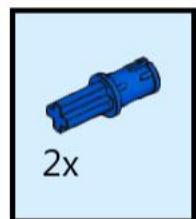
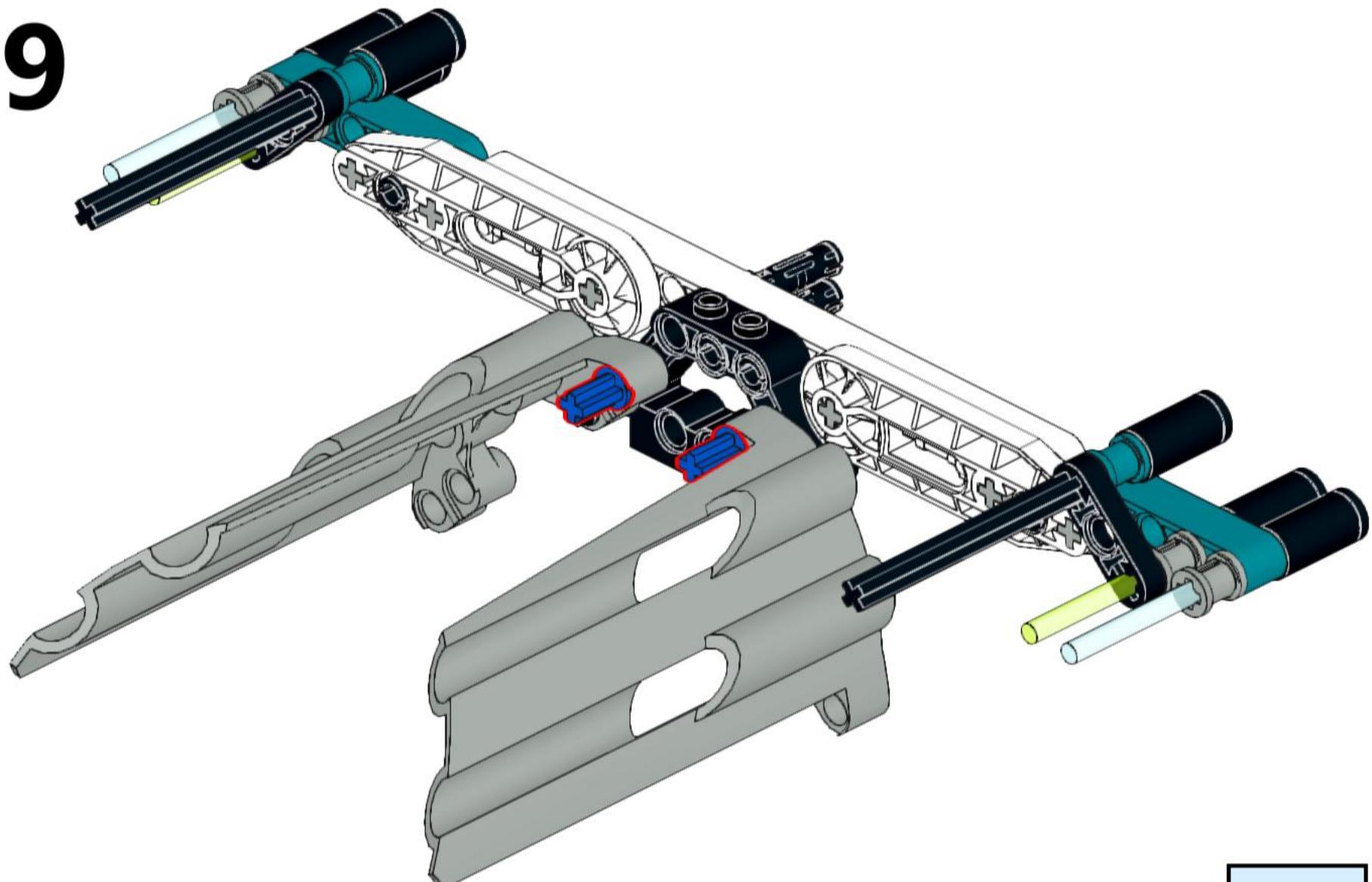
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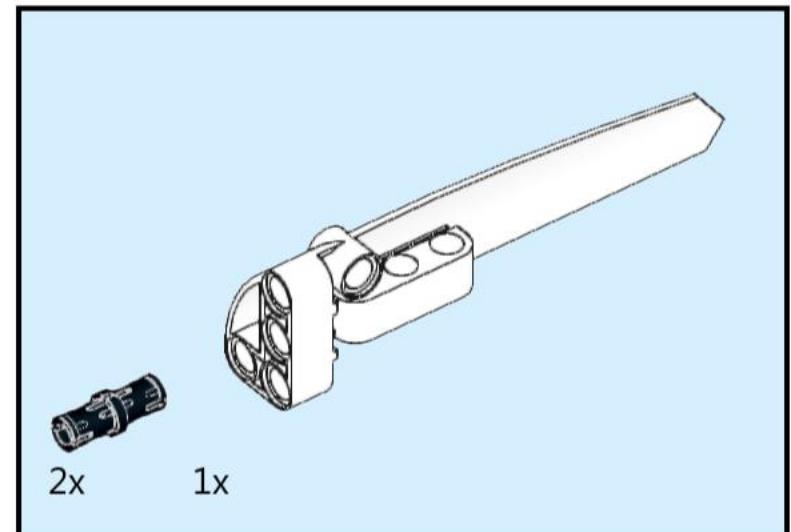
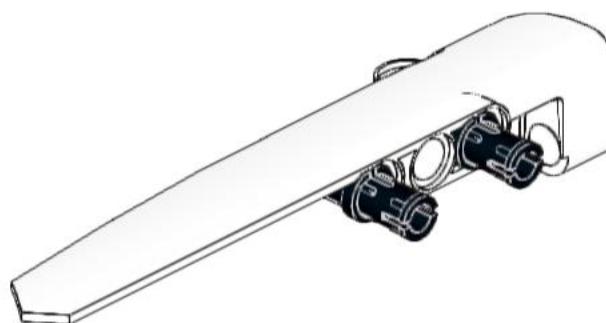
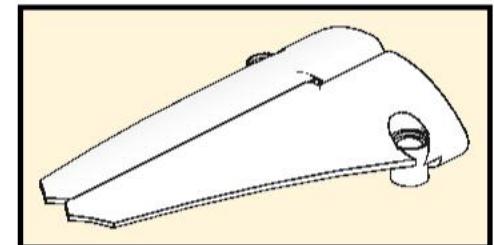
**128**



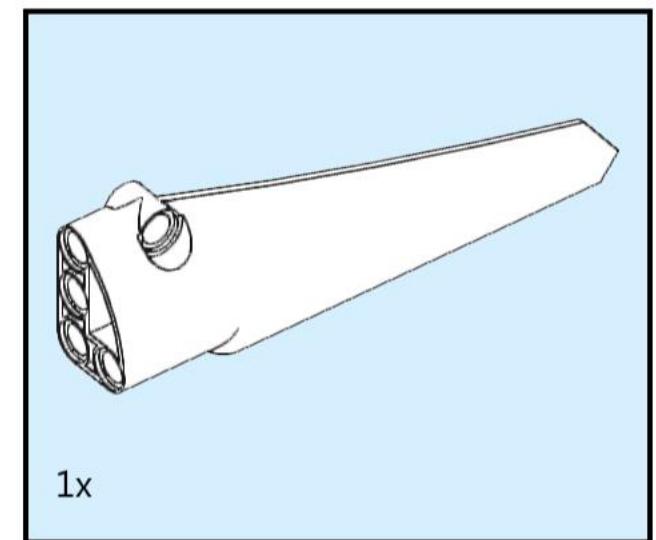
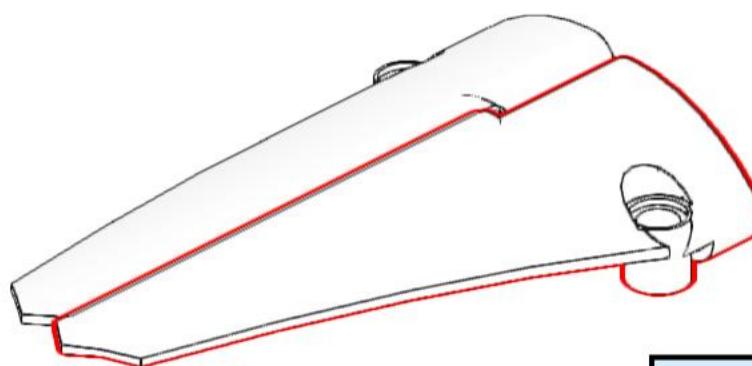
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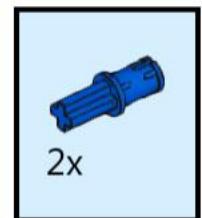
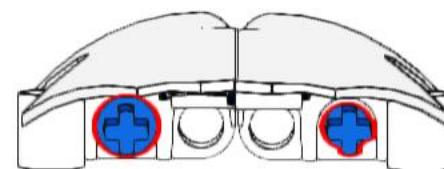
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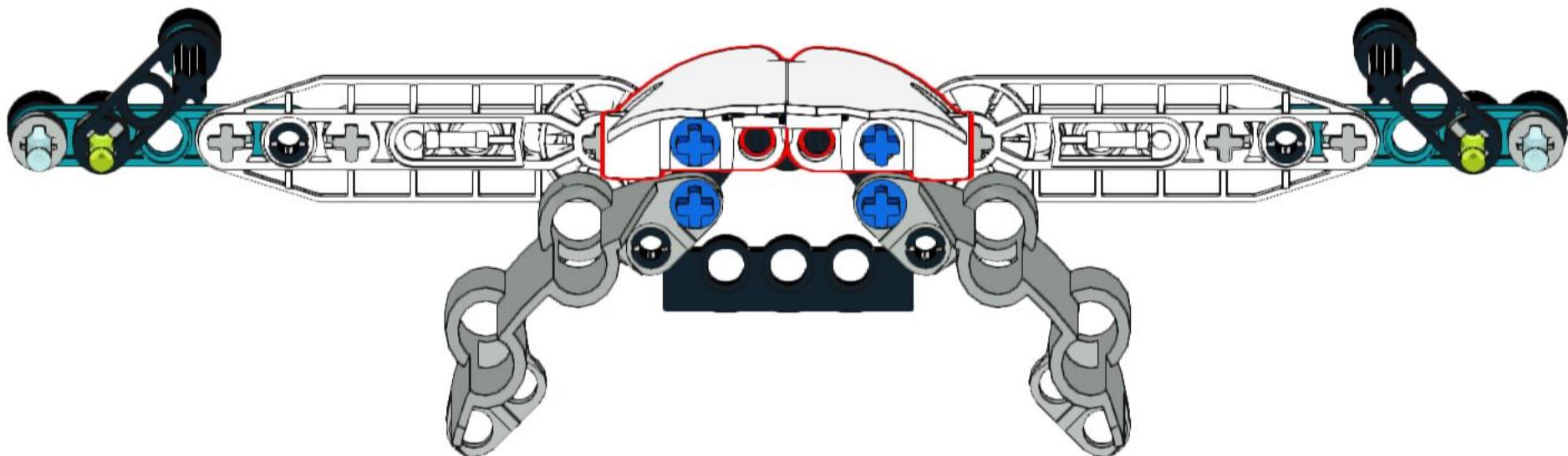
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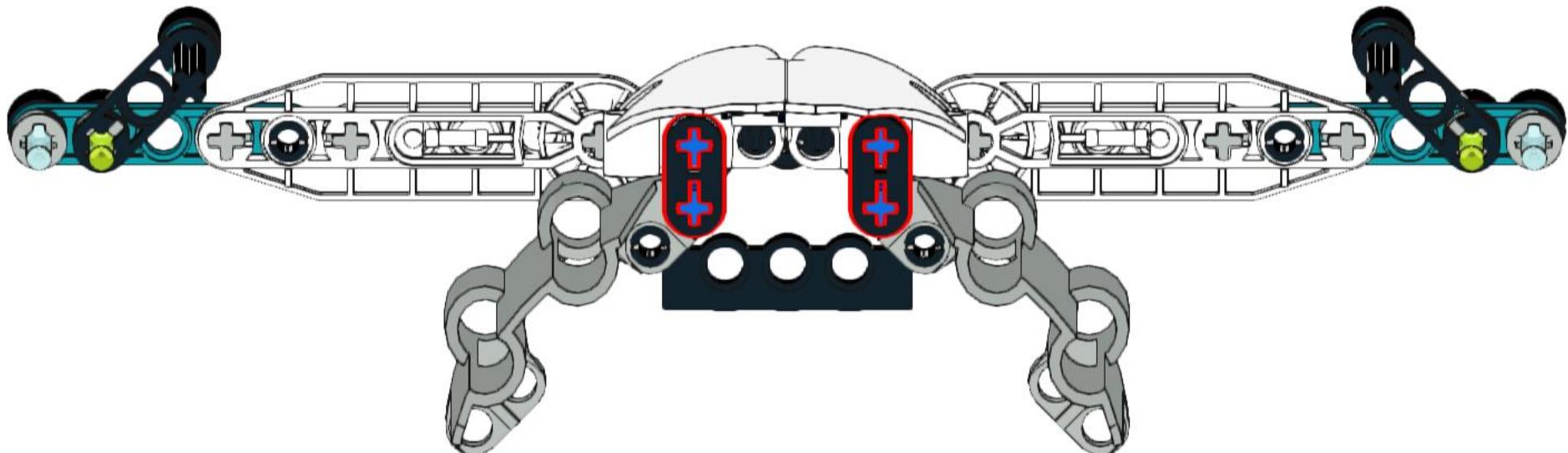
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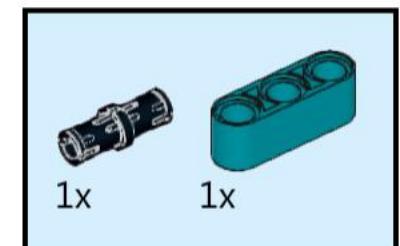
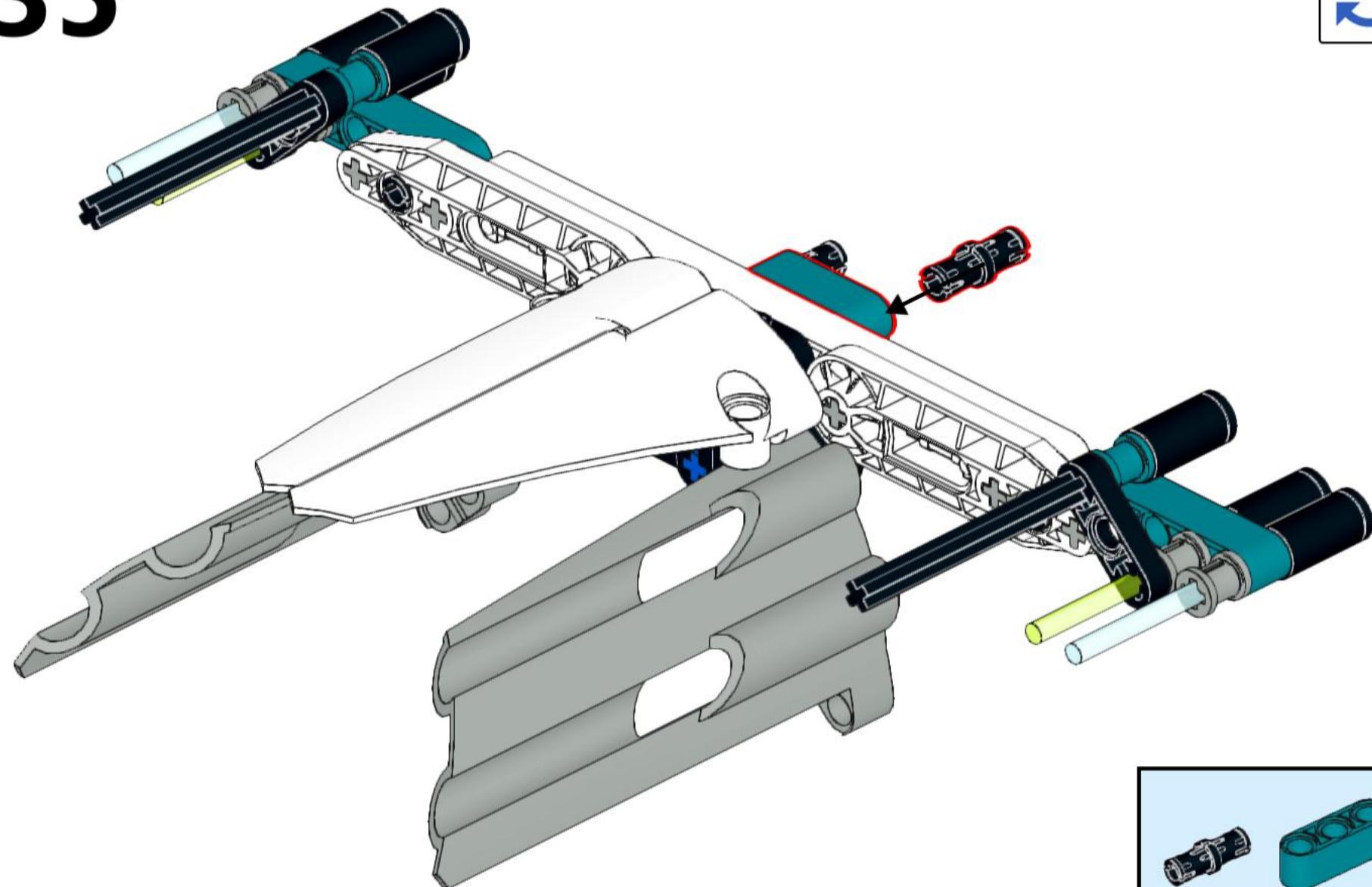
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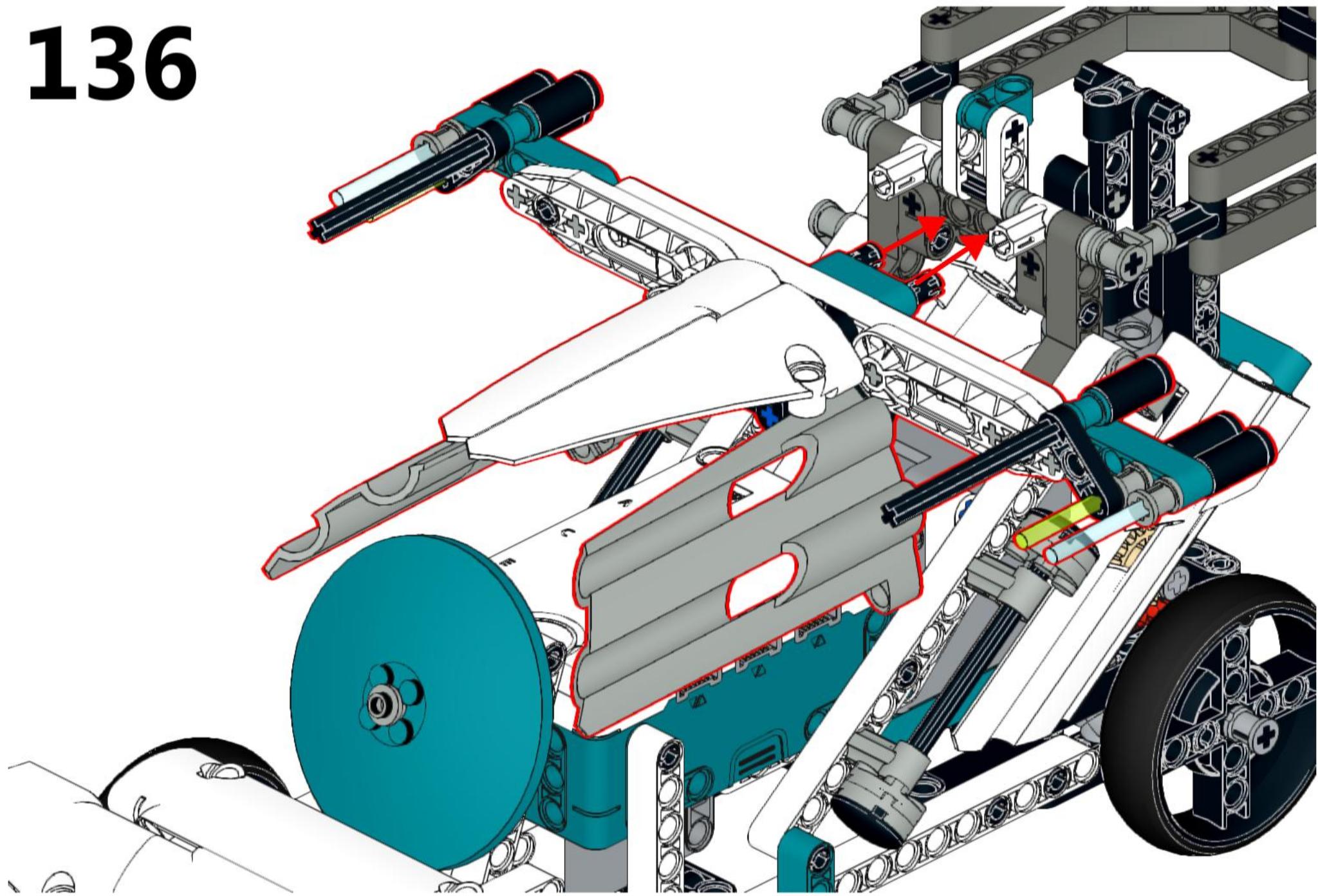
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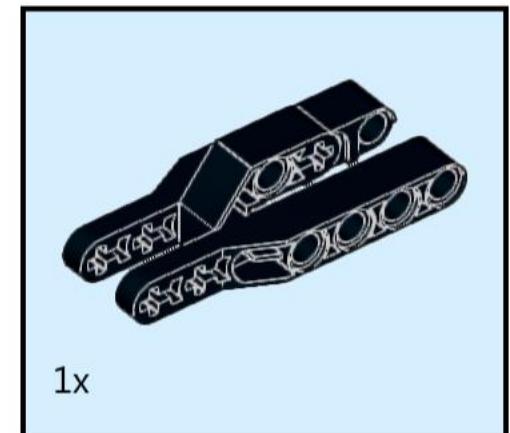
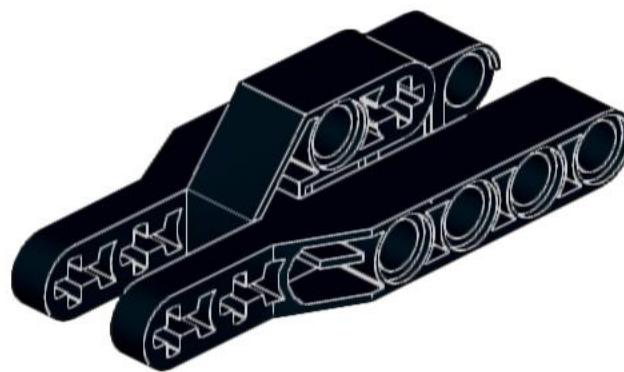
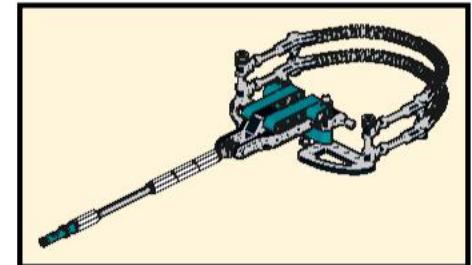
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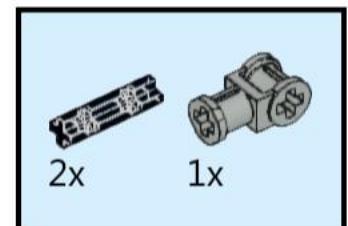
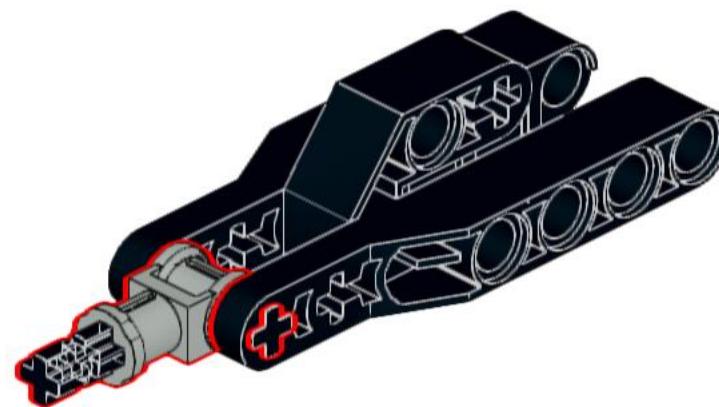
136



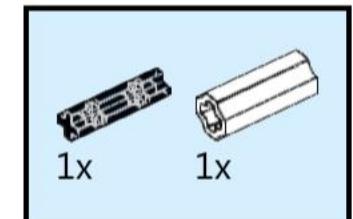
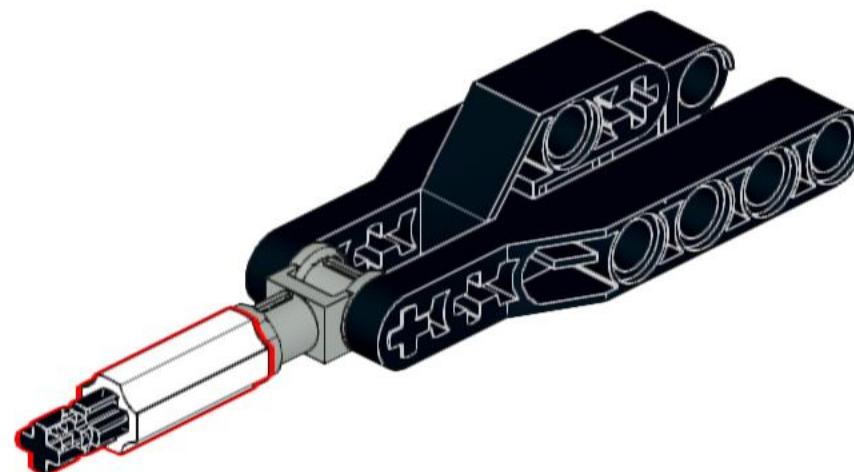
**137**



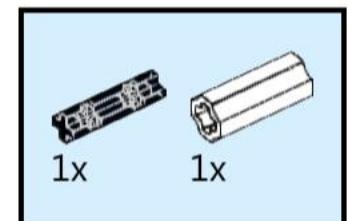
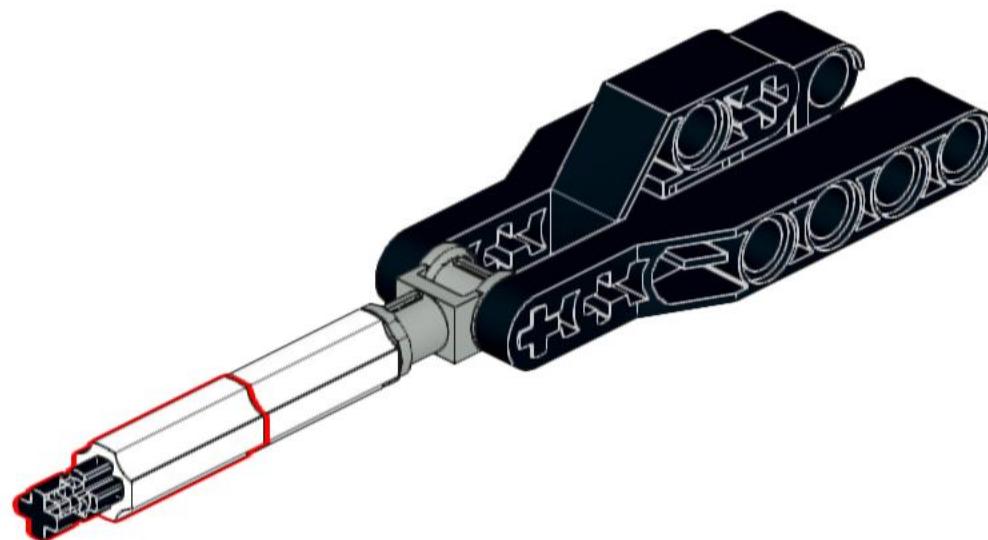
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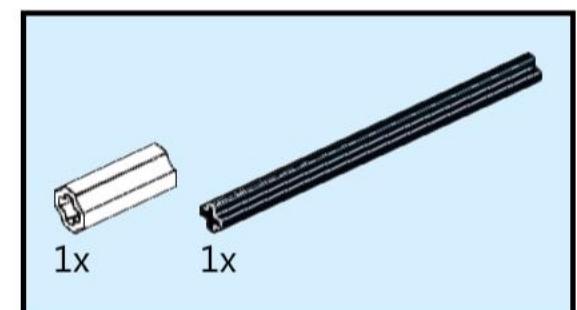
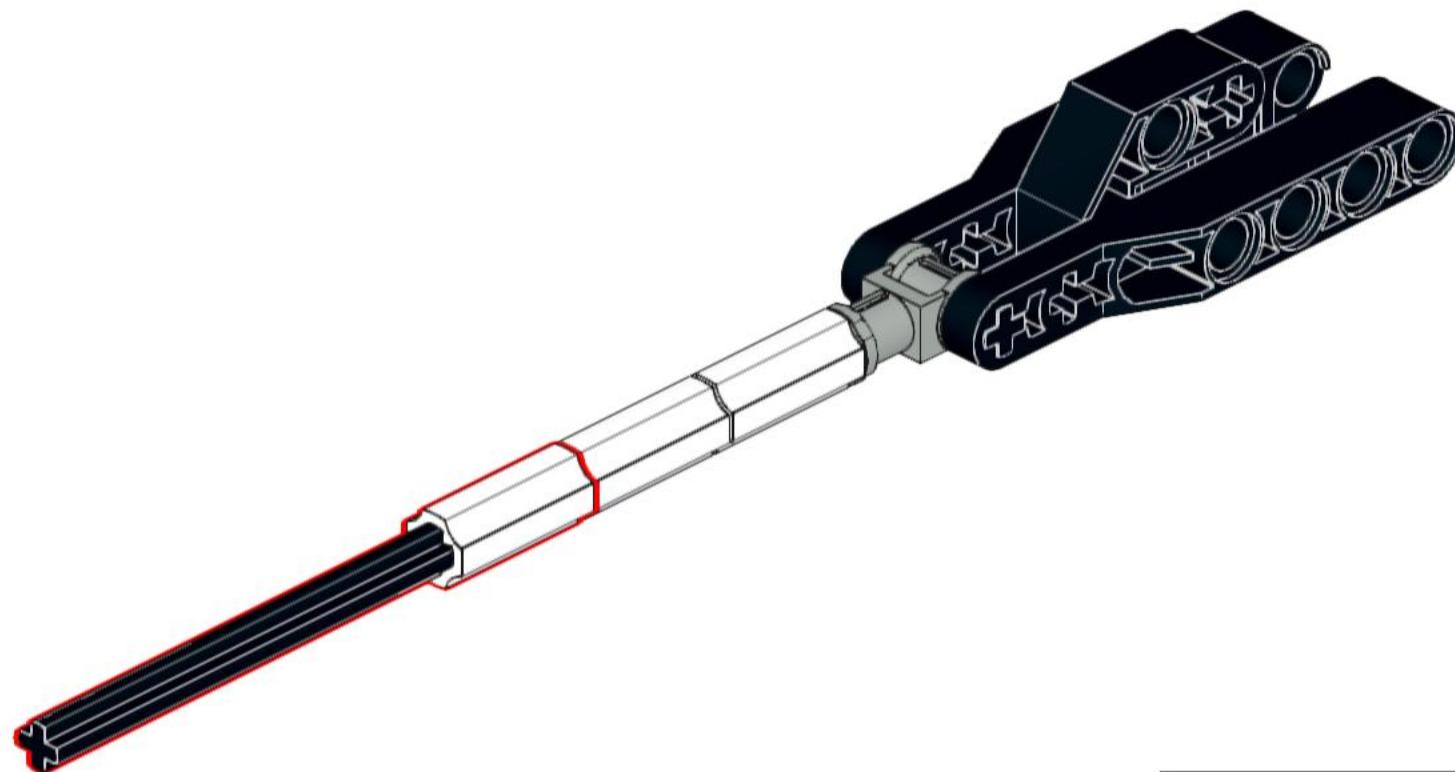
# 139



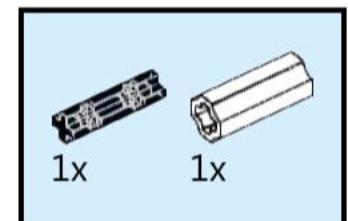
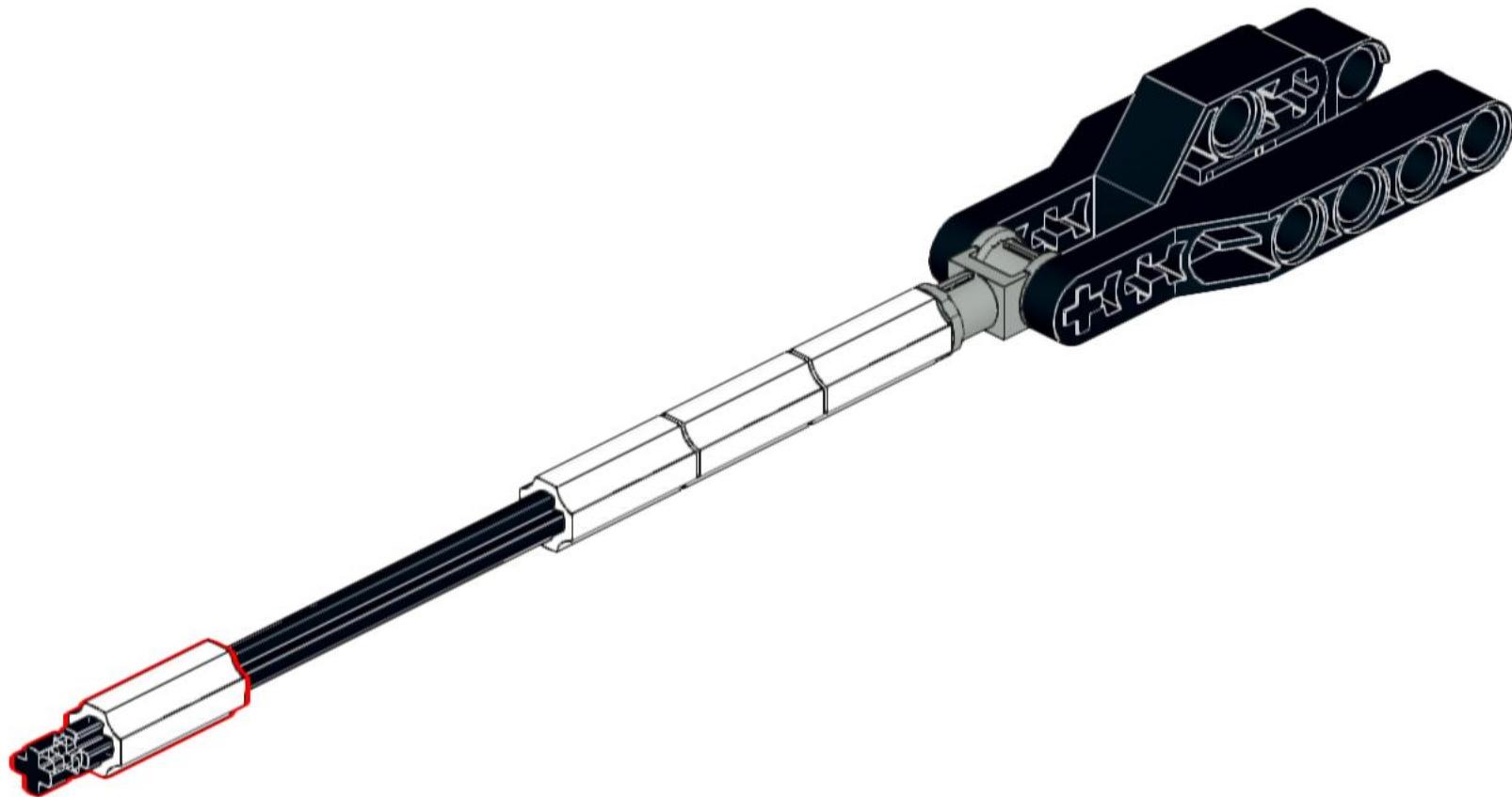
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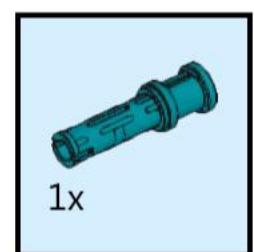
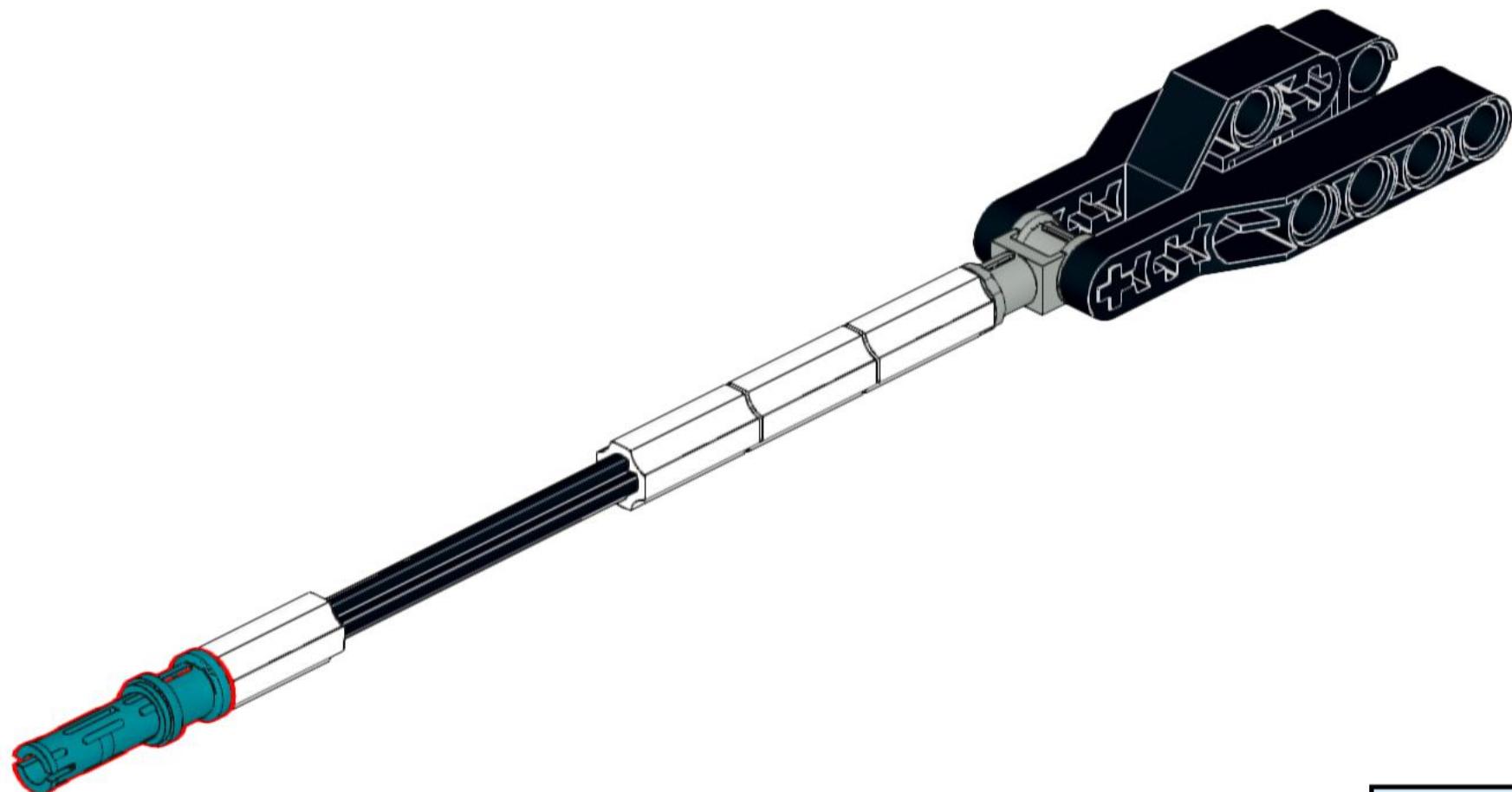
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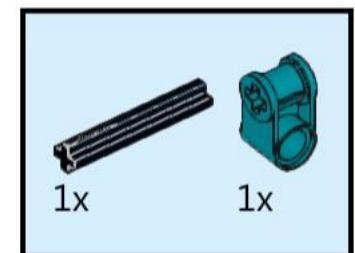
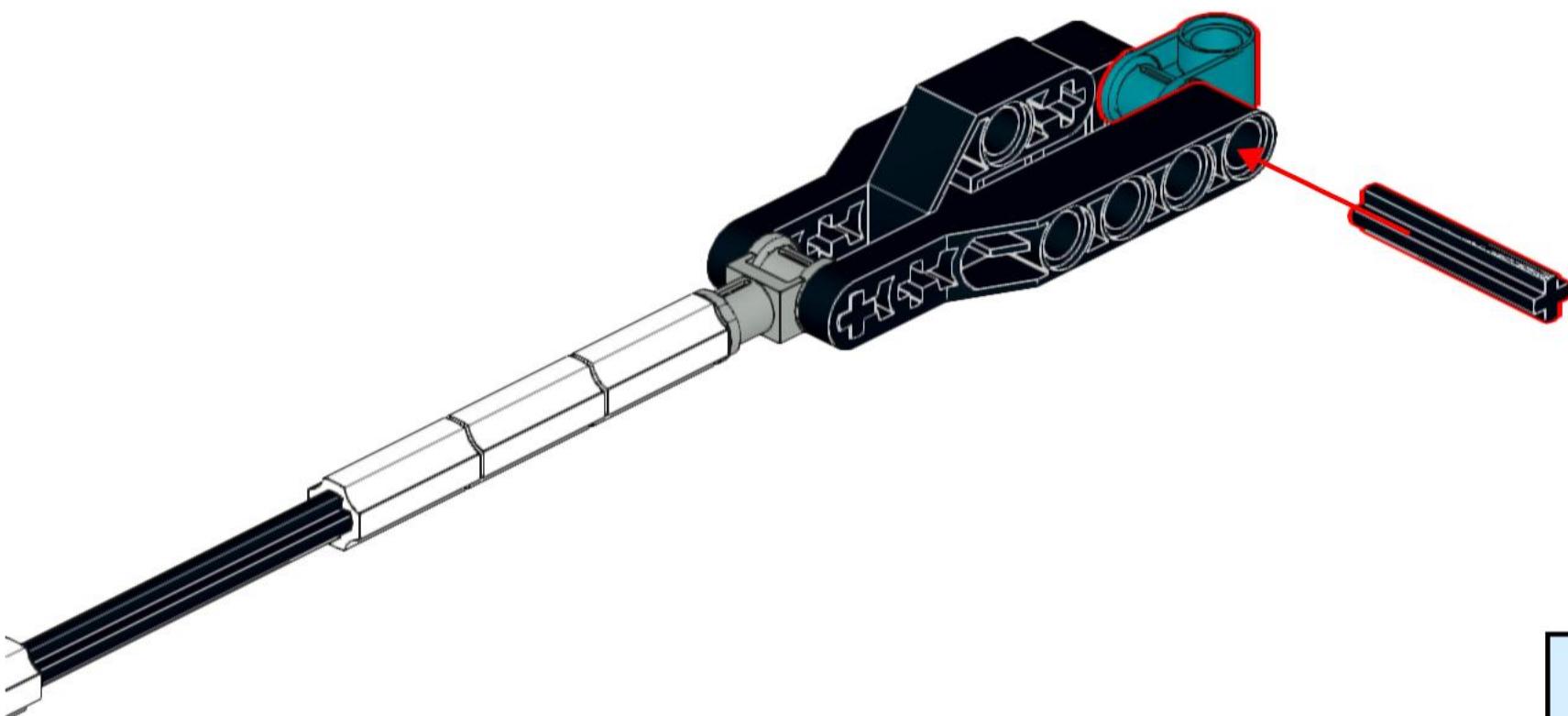
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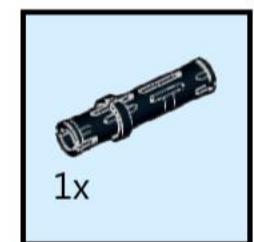
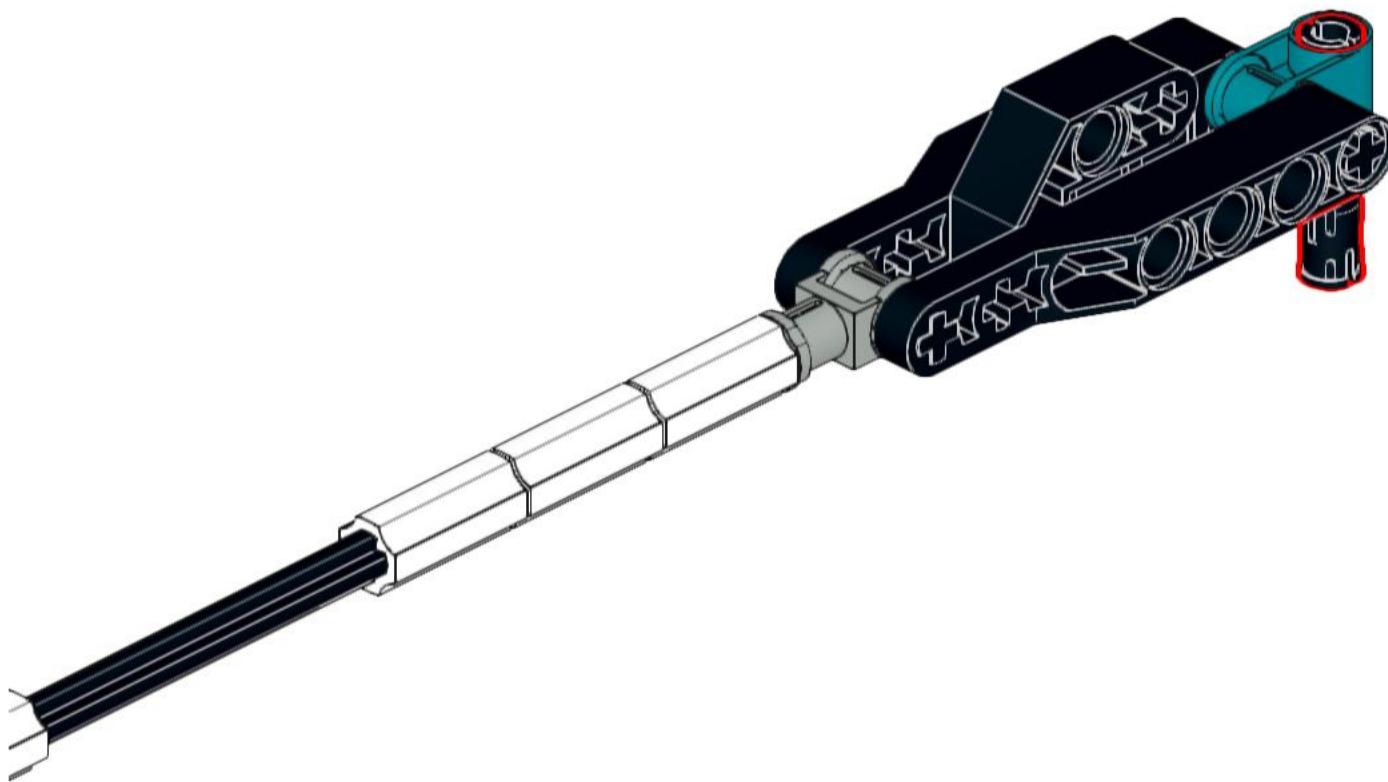
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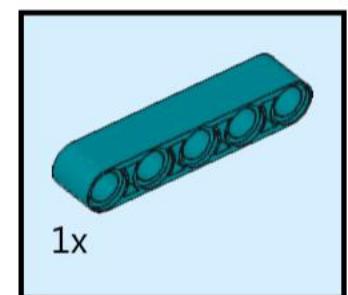
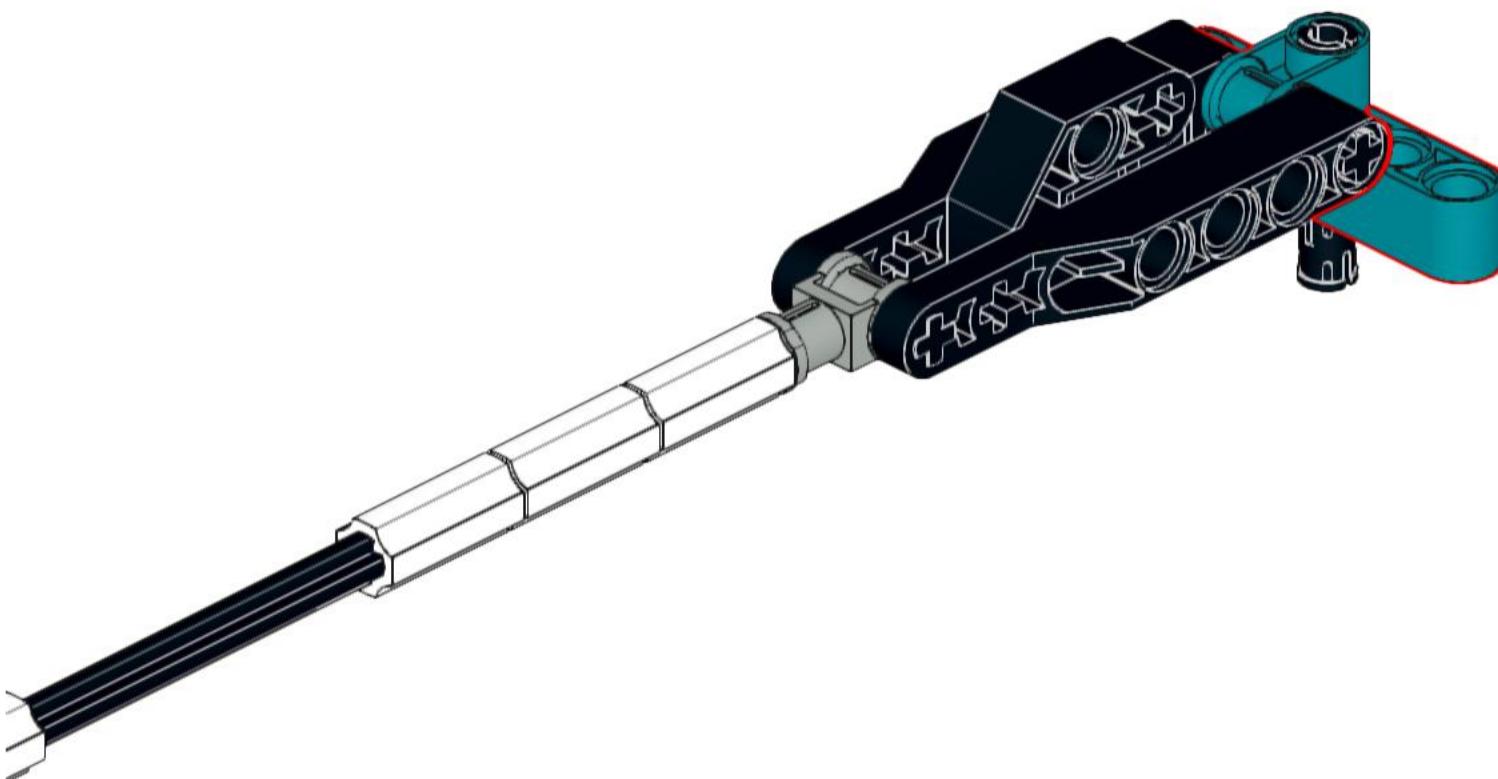
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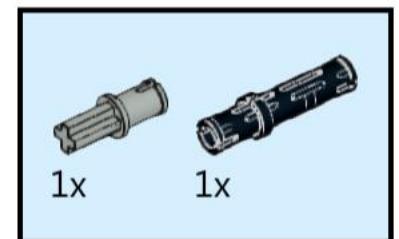
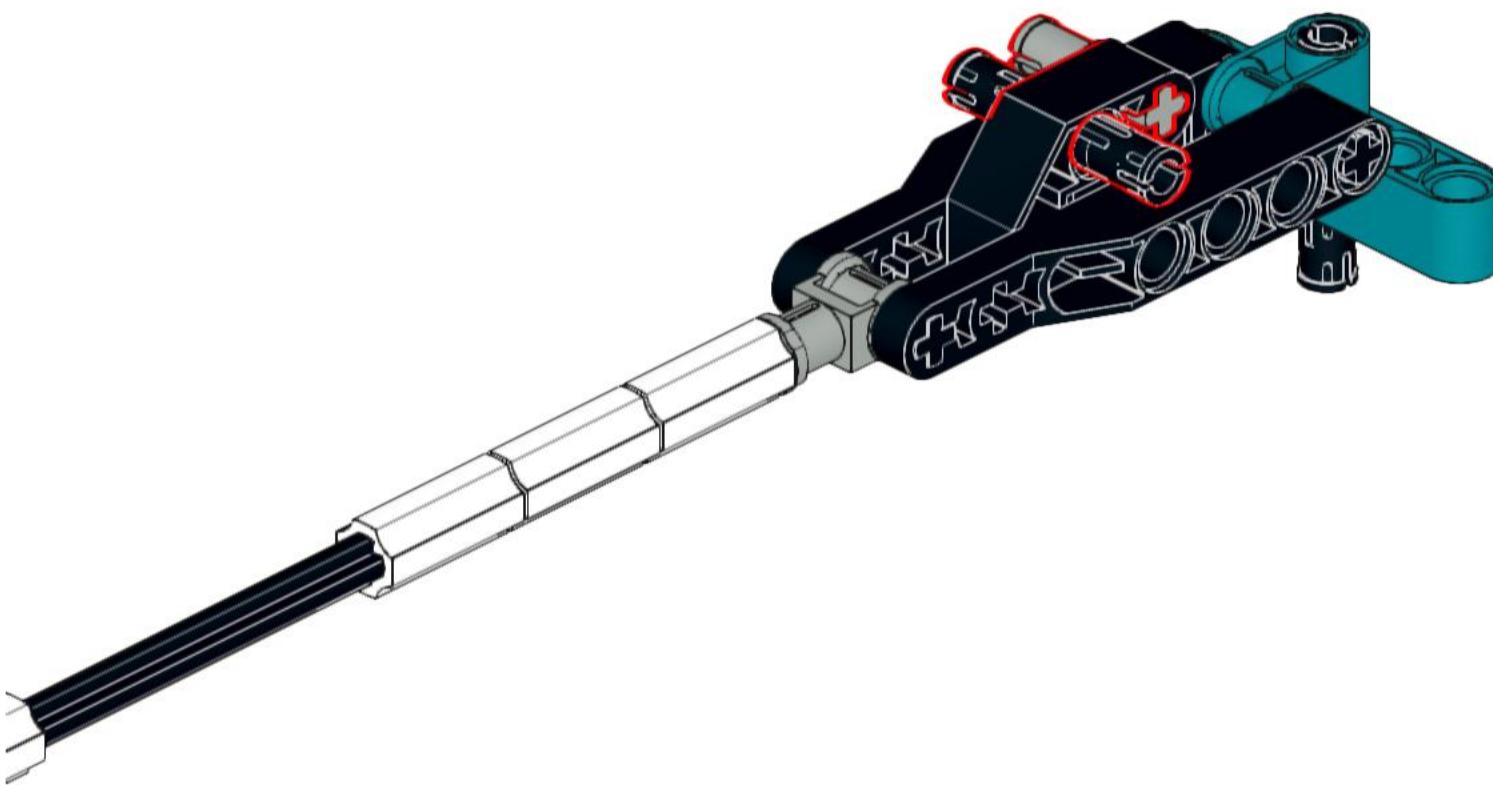
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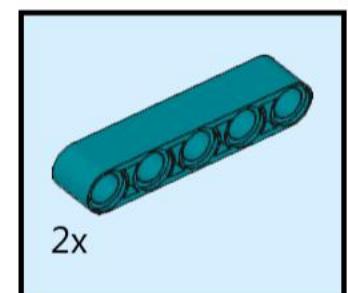
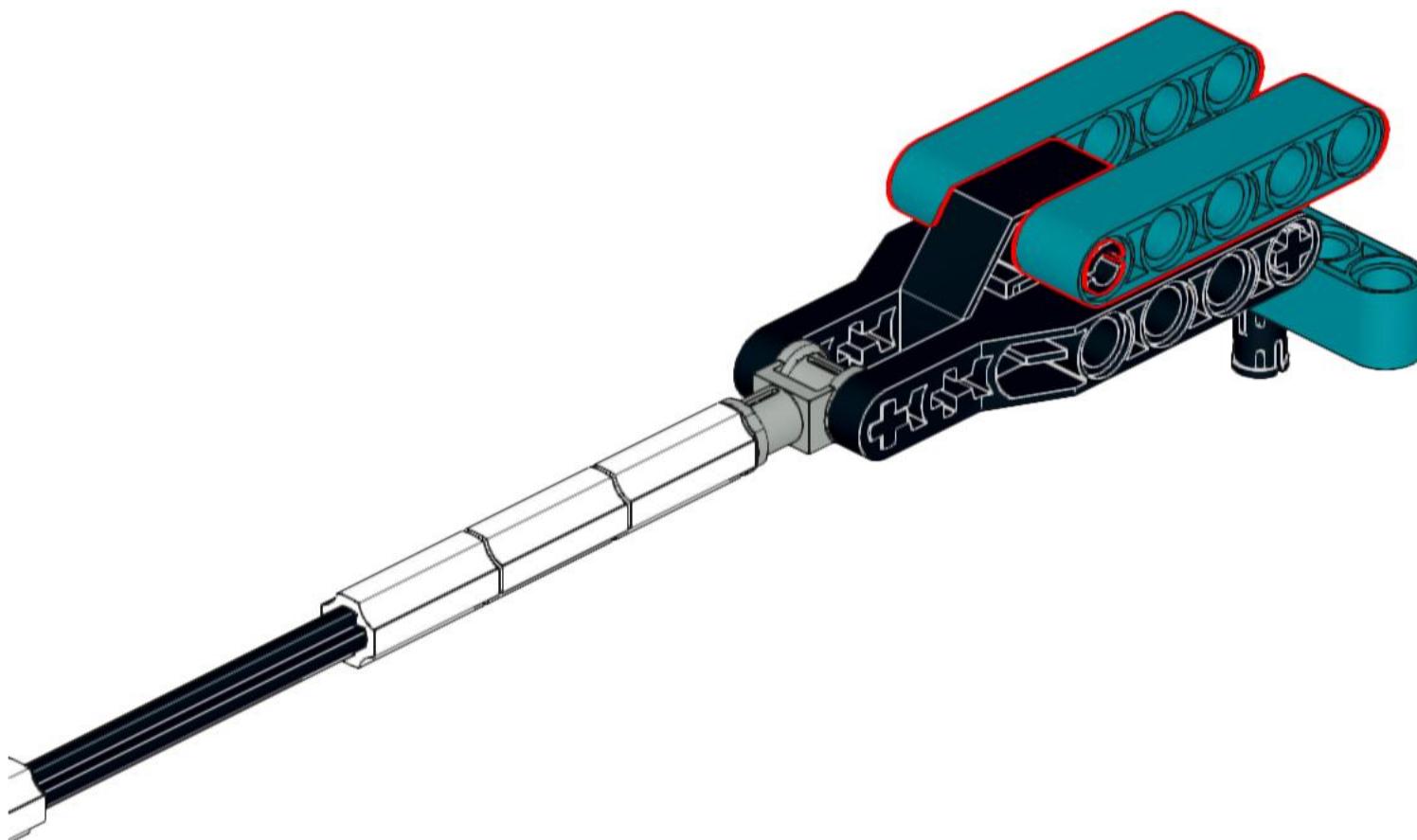
**146**



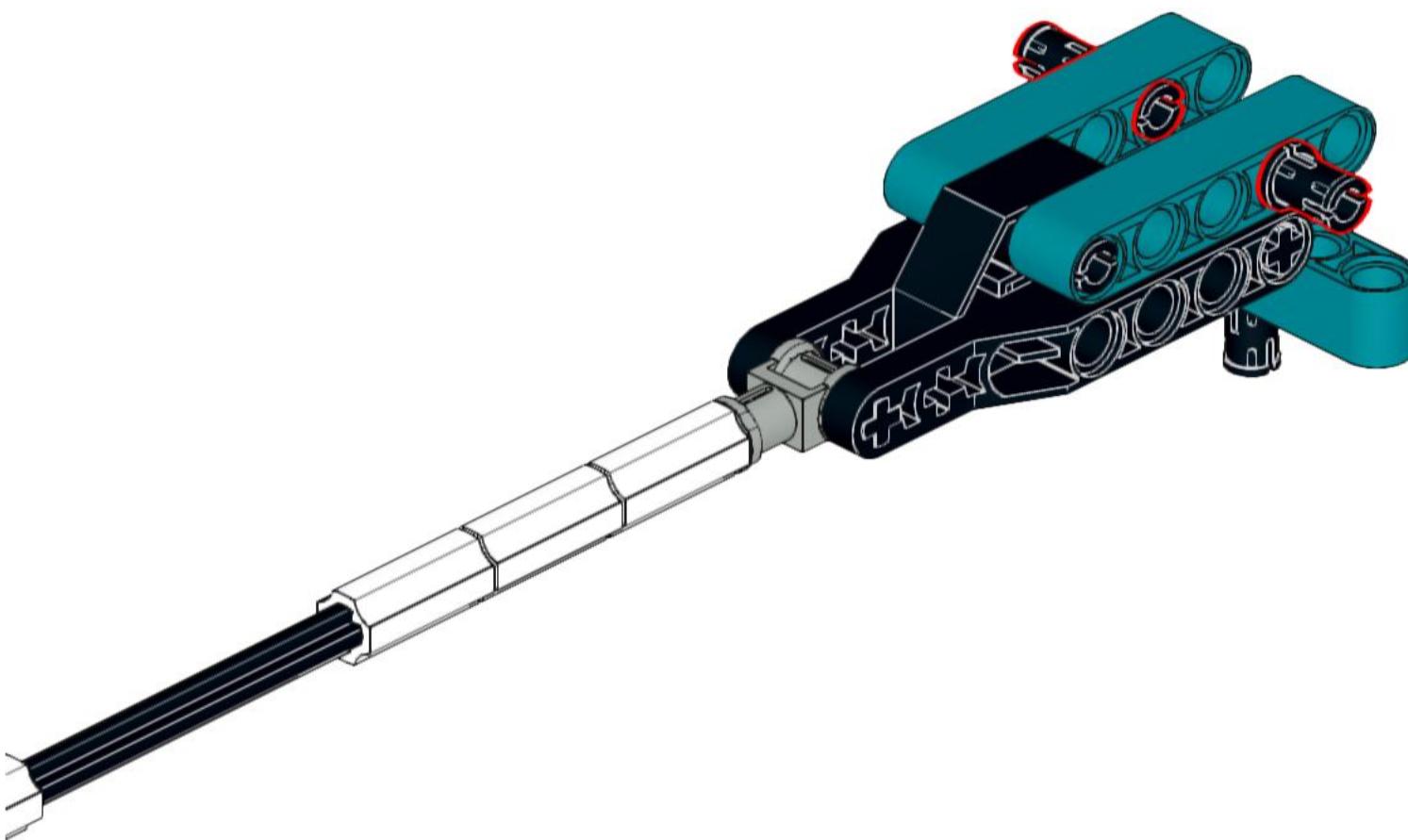
**147**



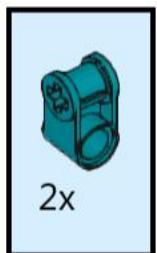
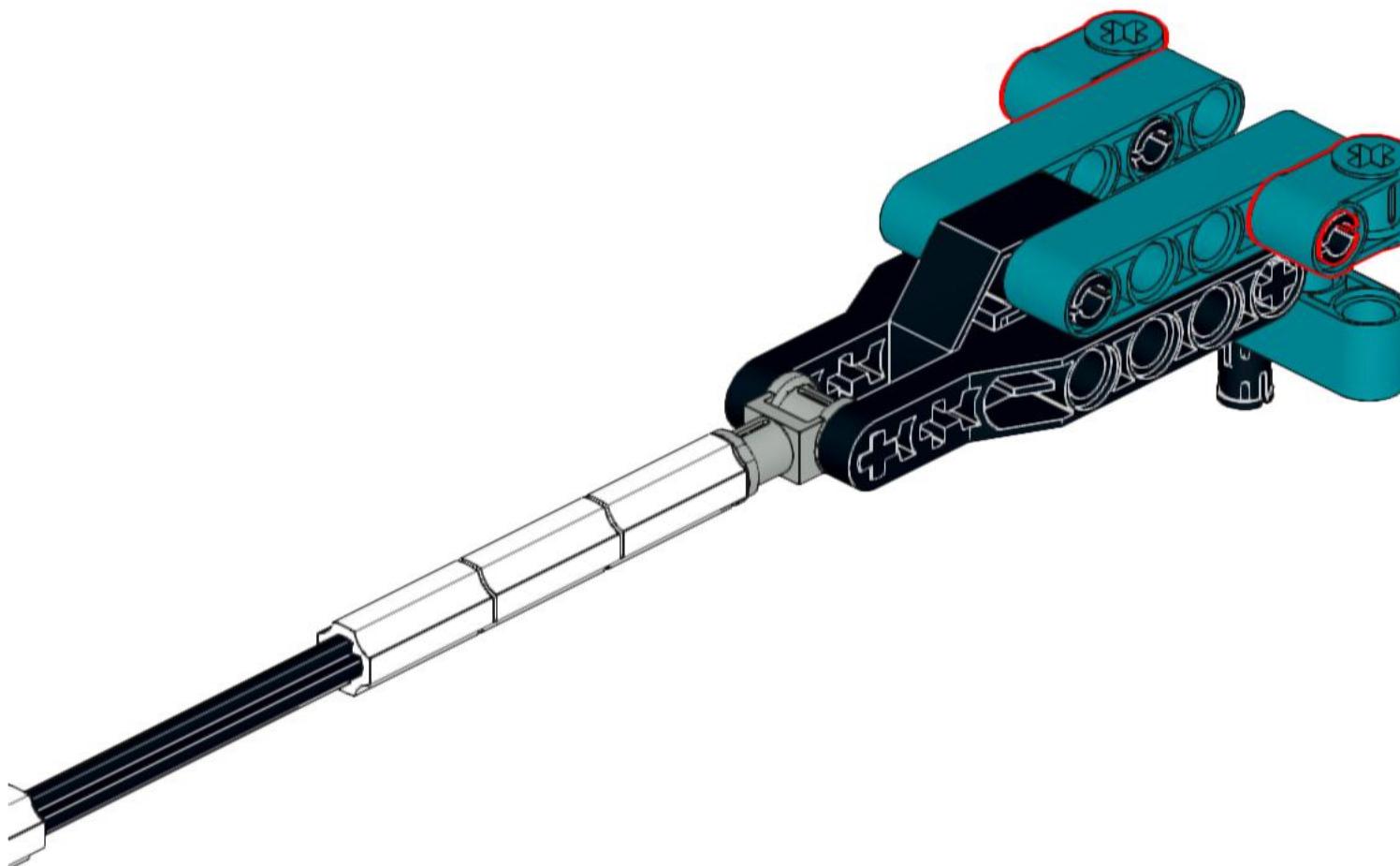
**148**



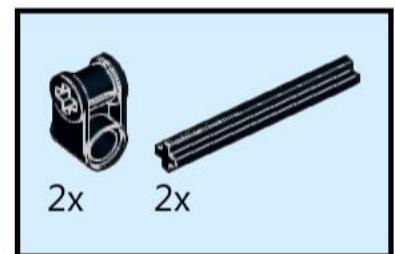
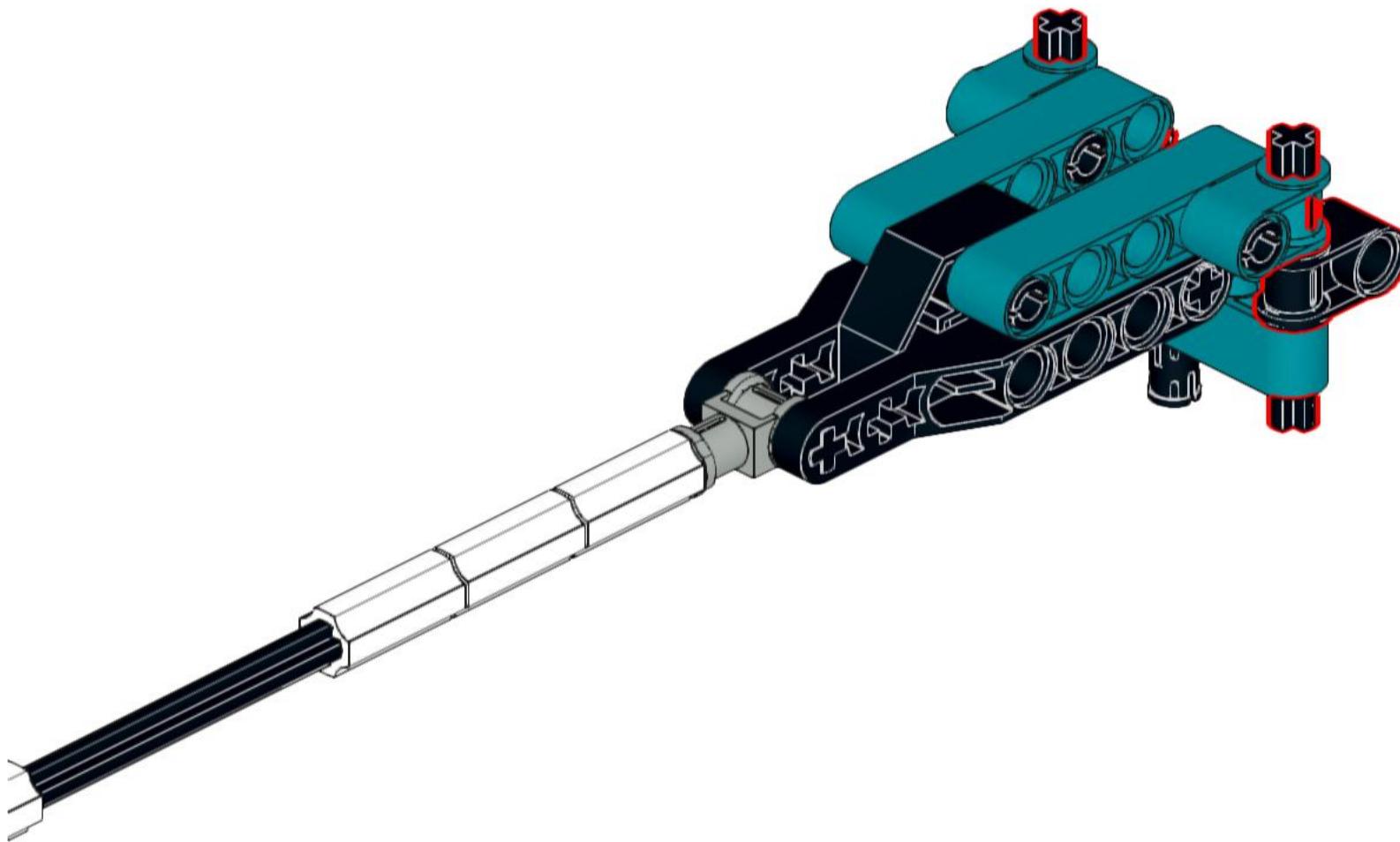
**149**



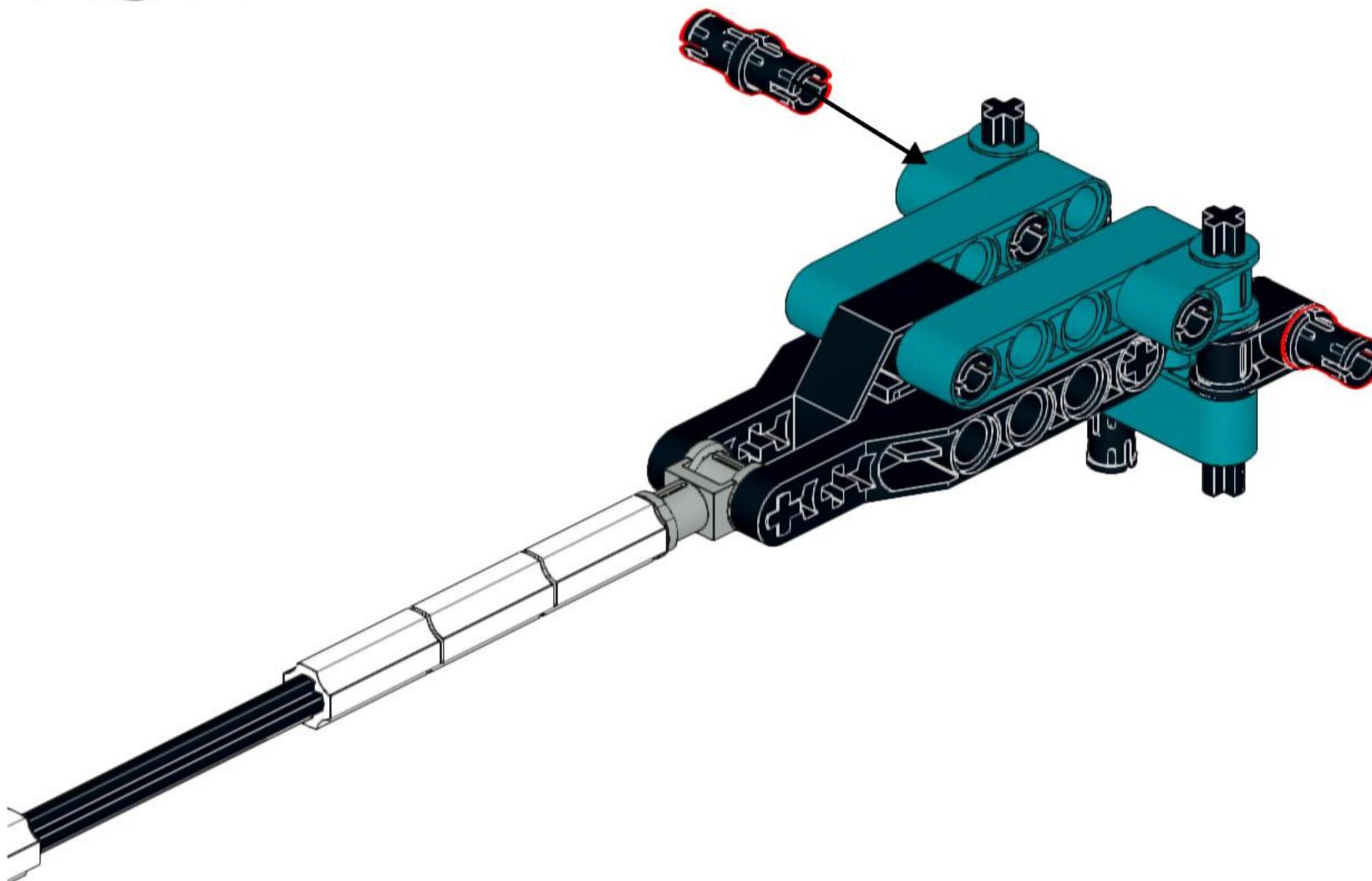
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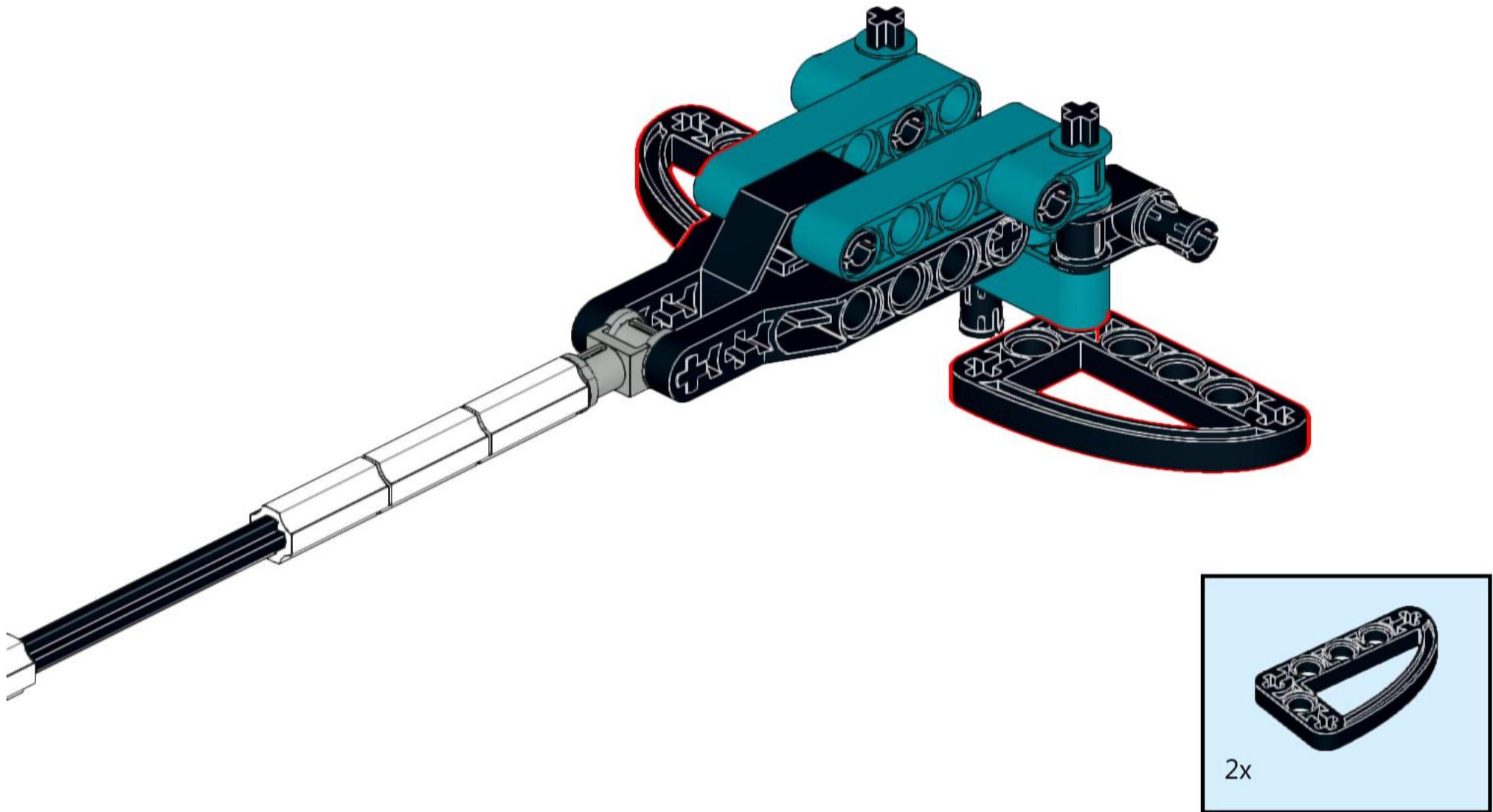
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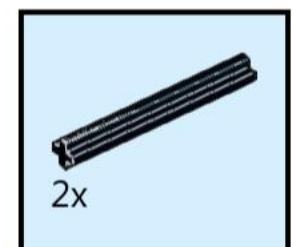
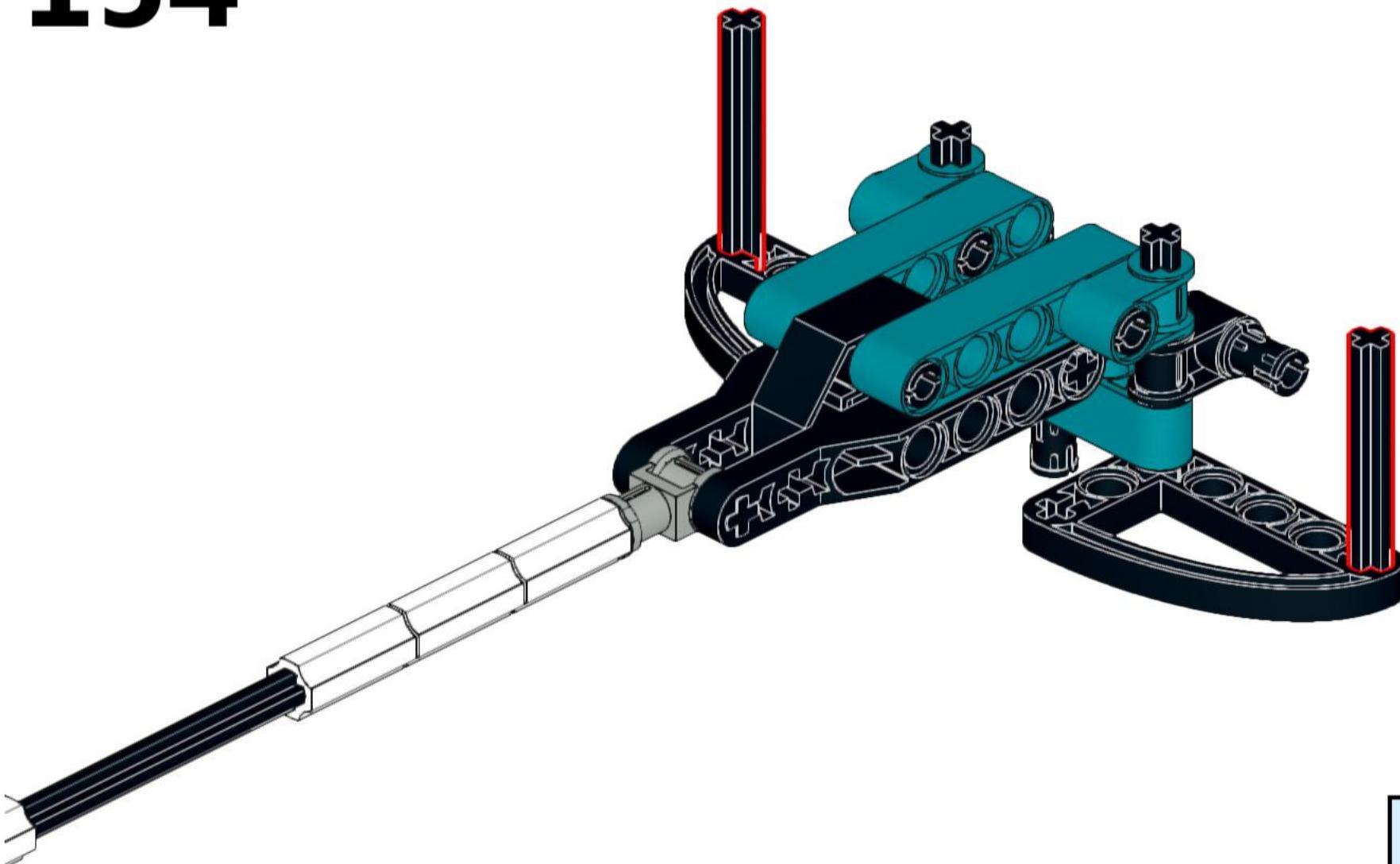
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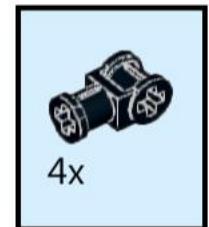
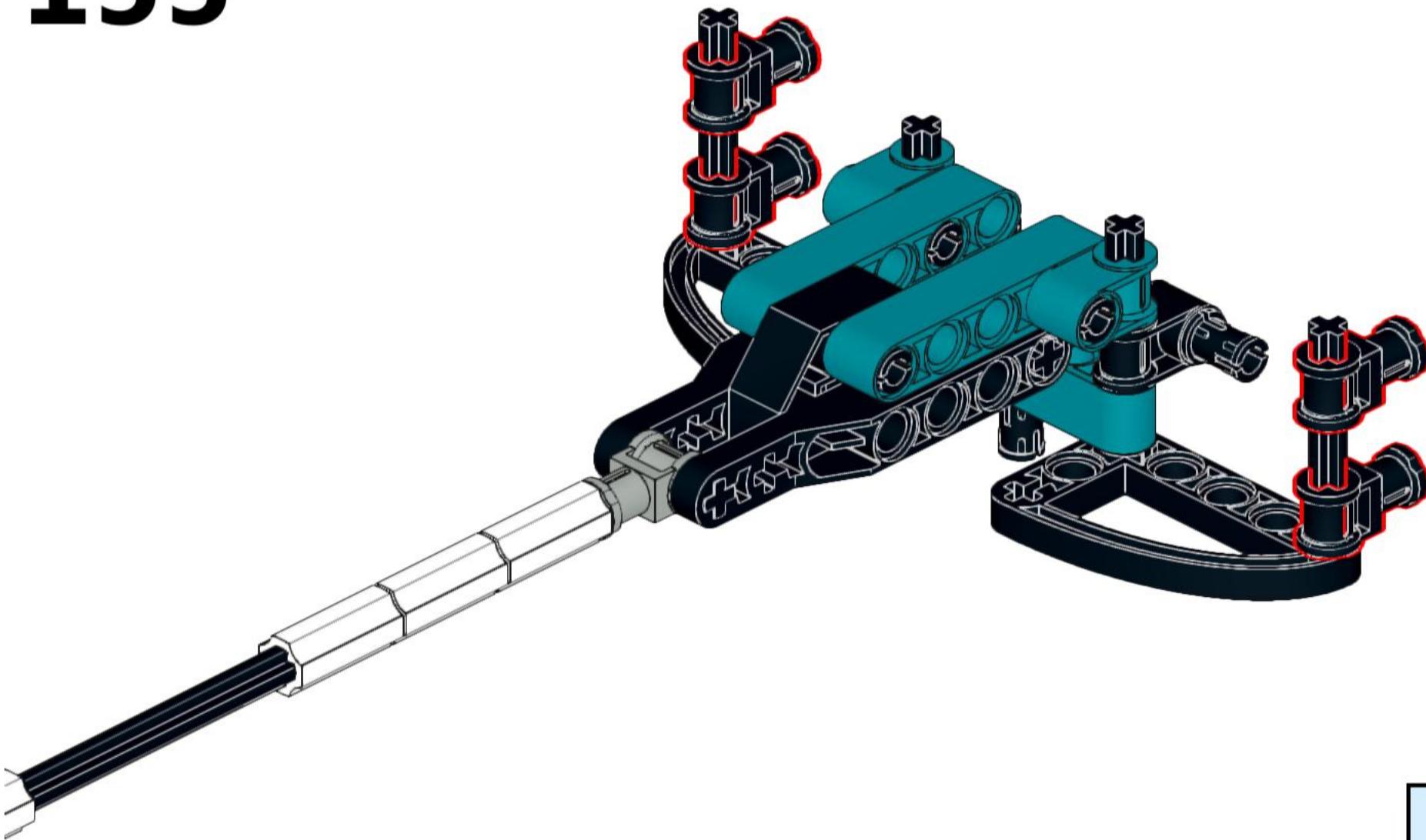
**153**



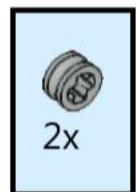
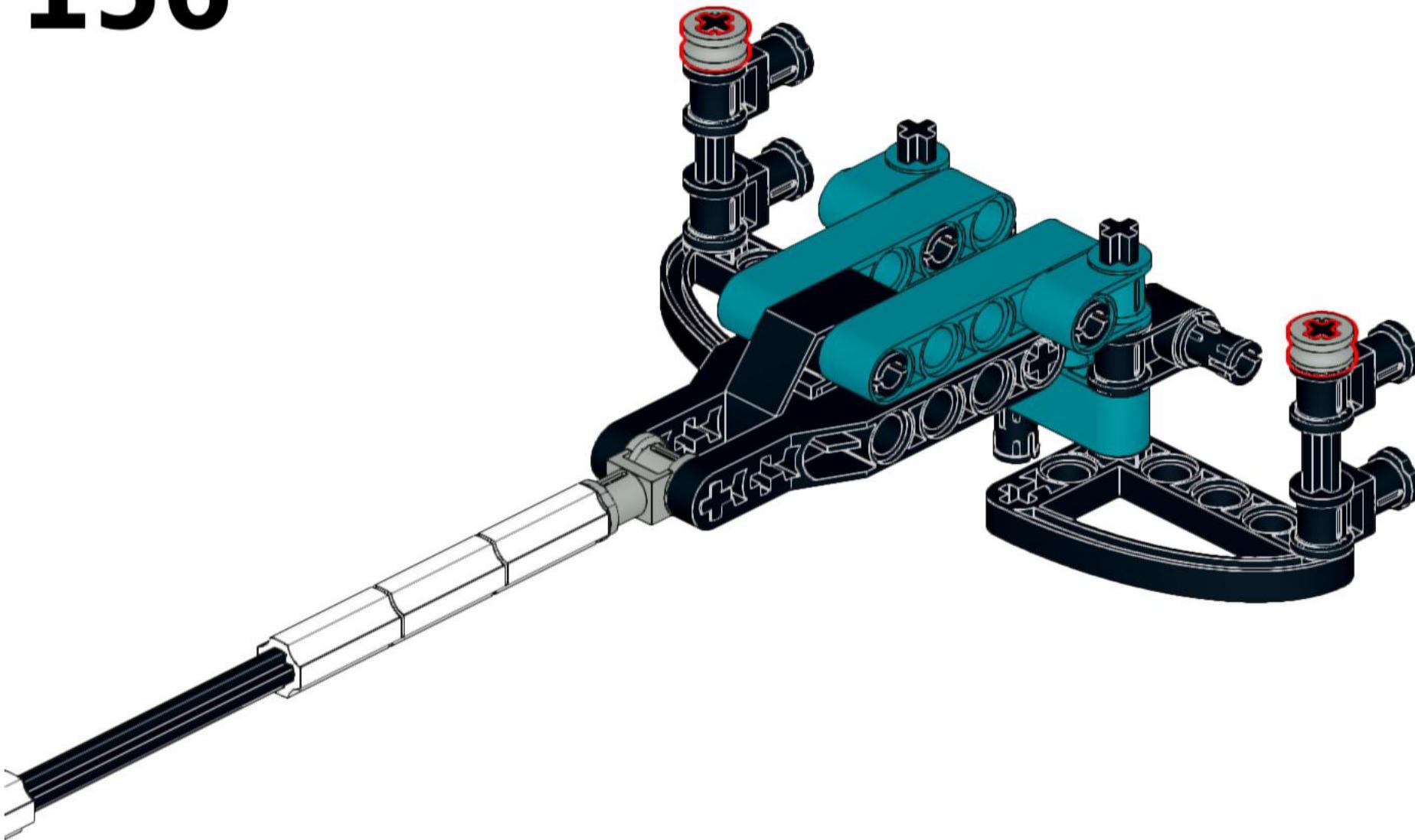
# 154



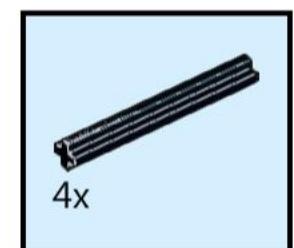
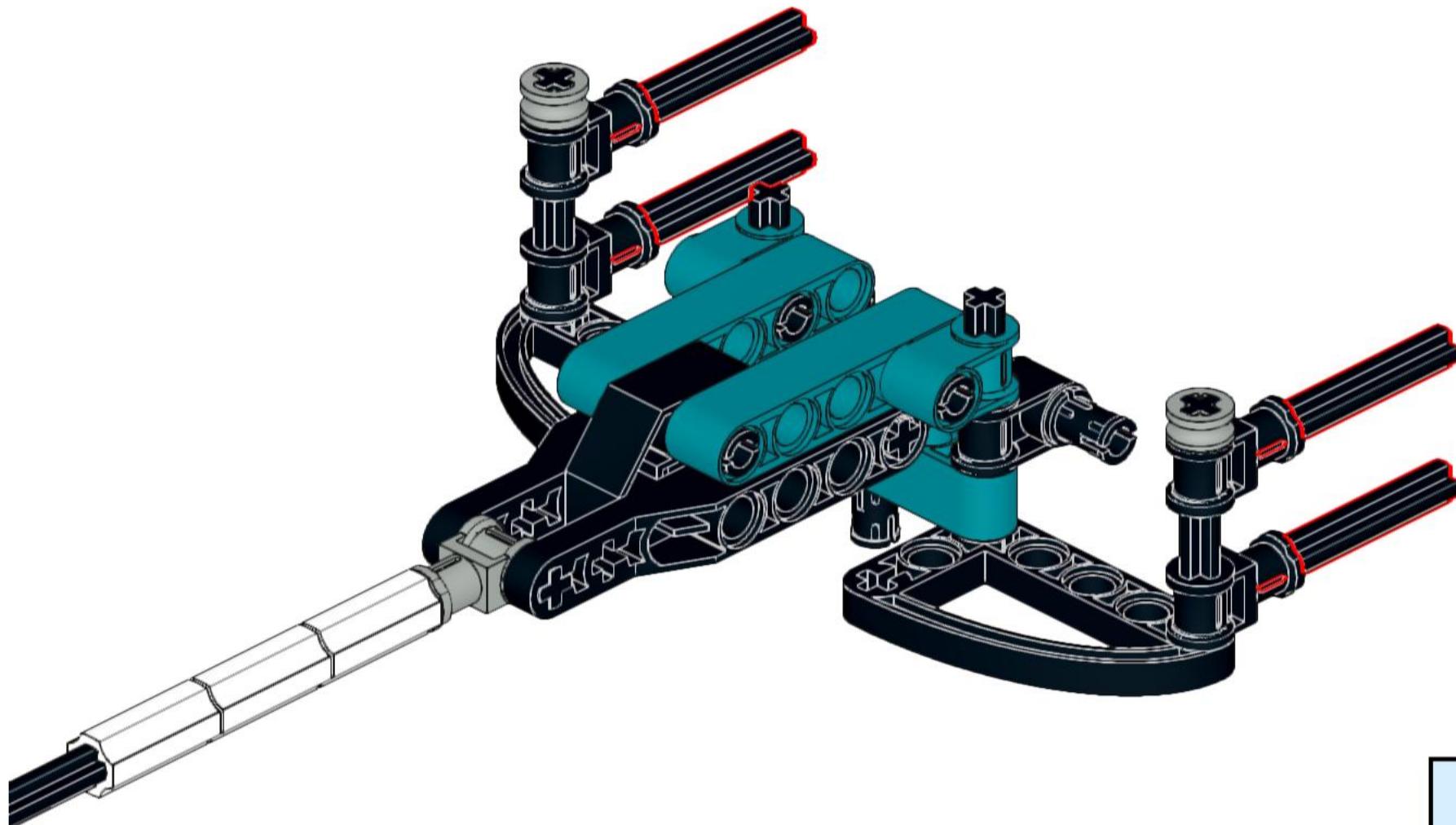
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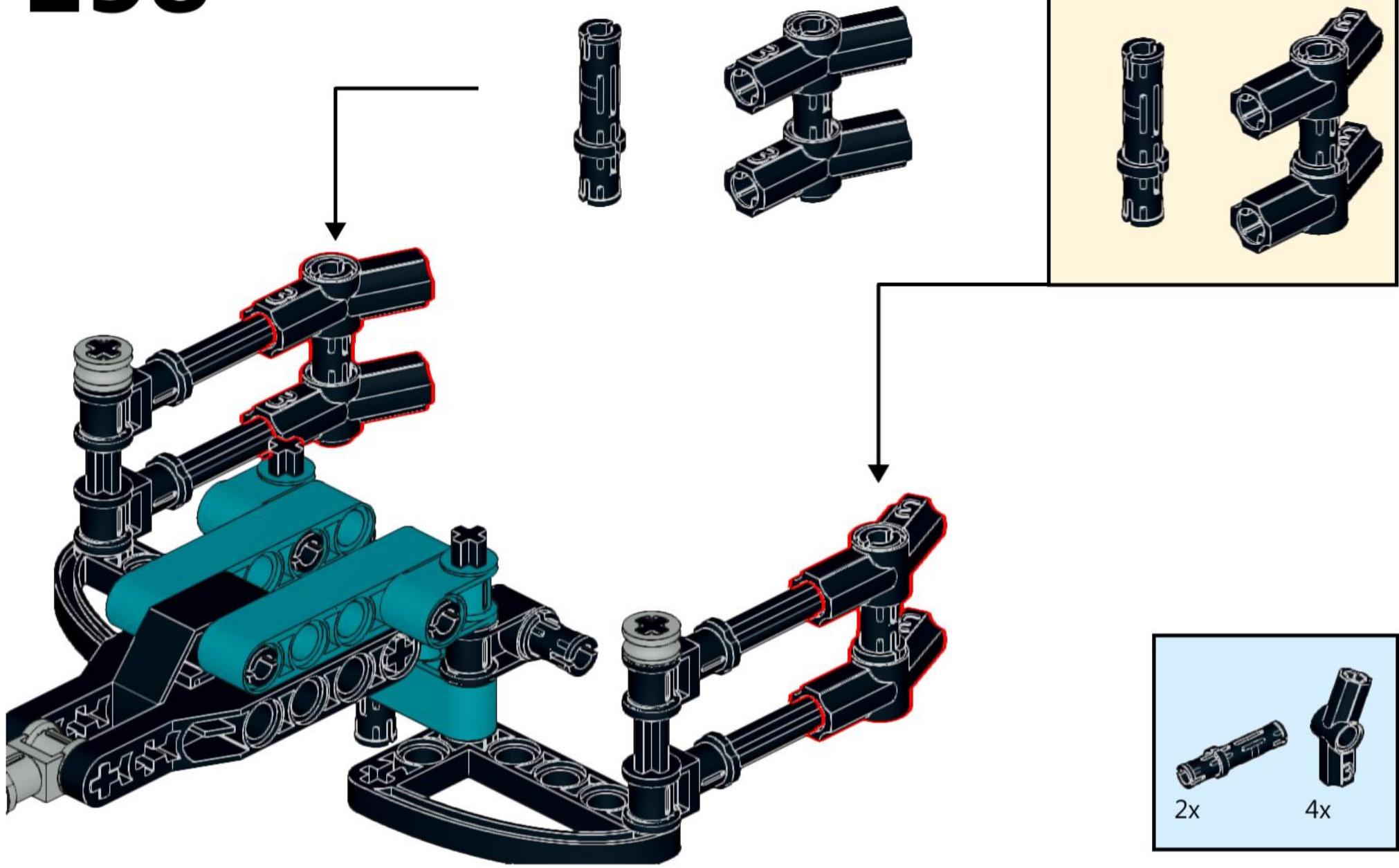
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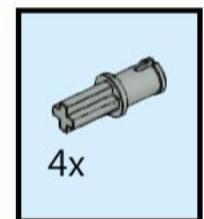
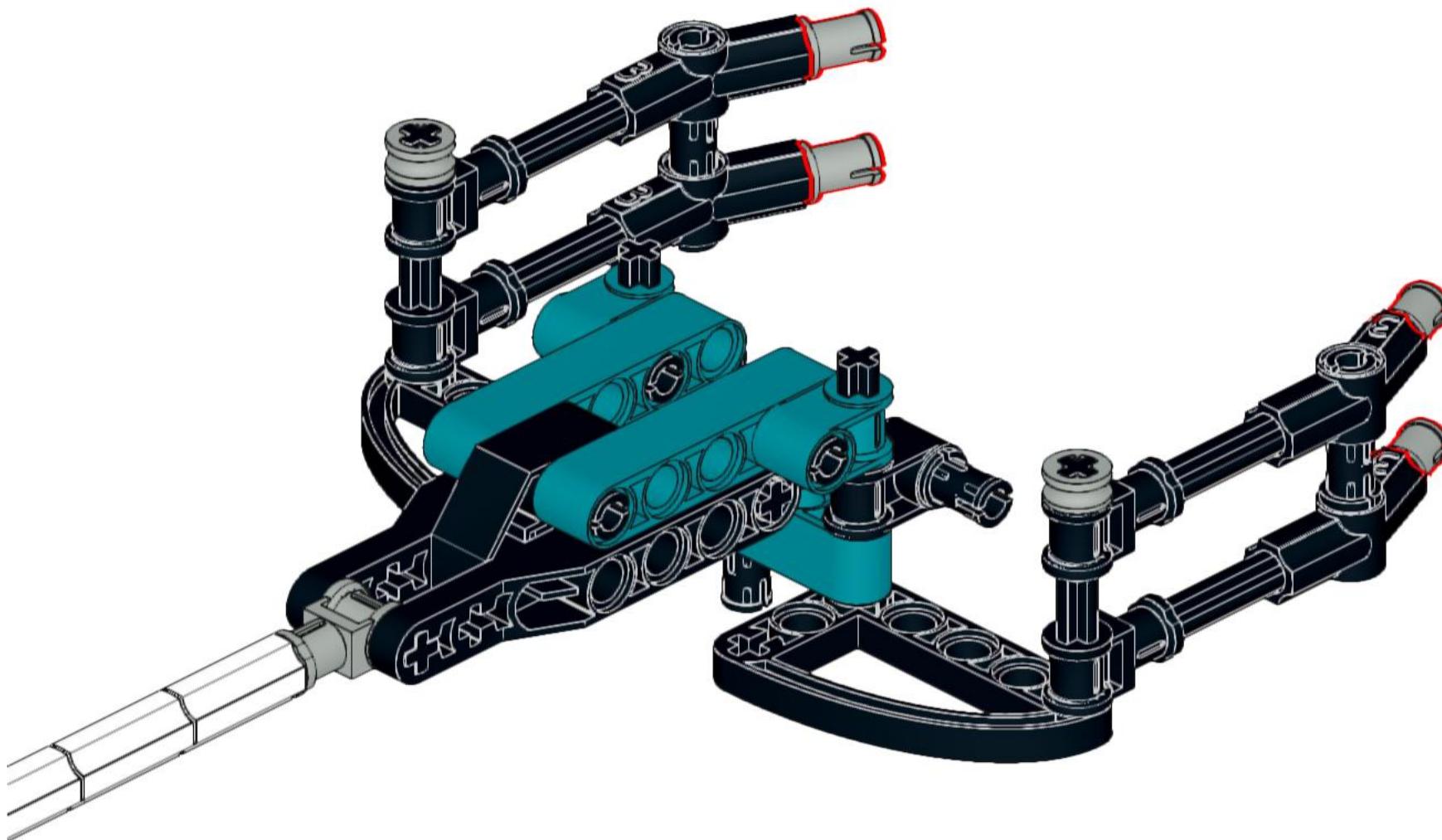
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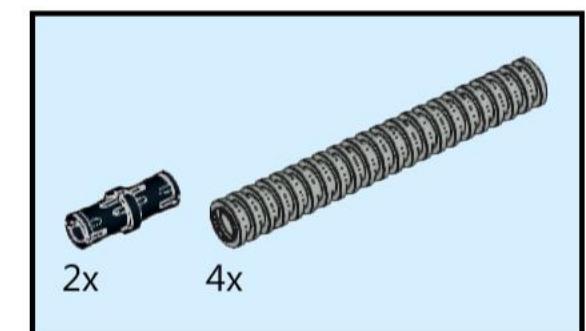
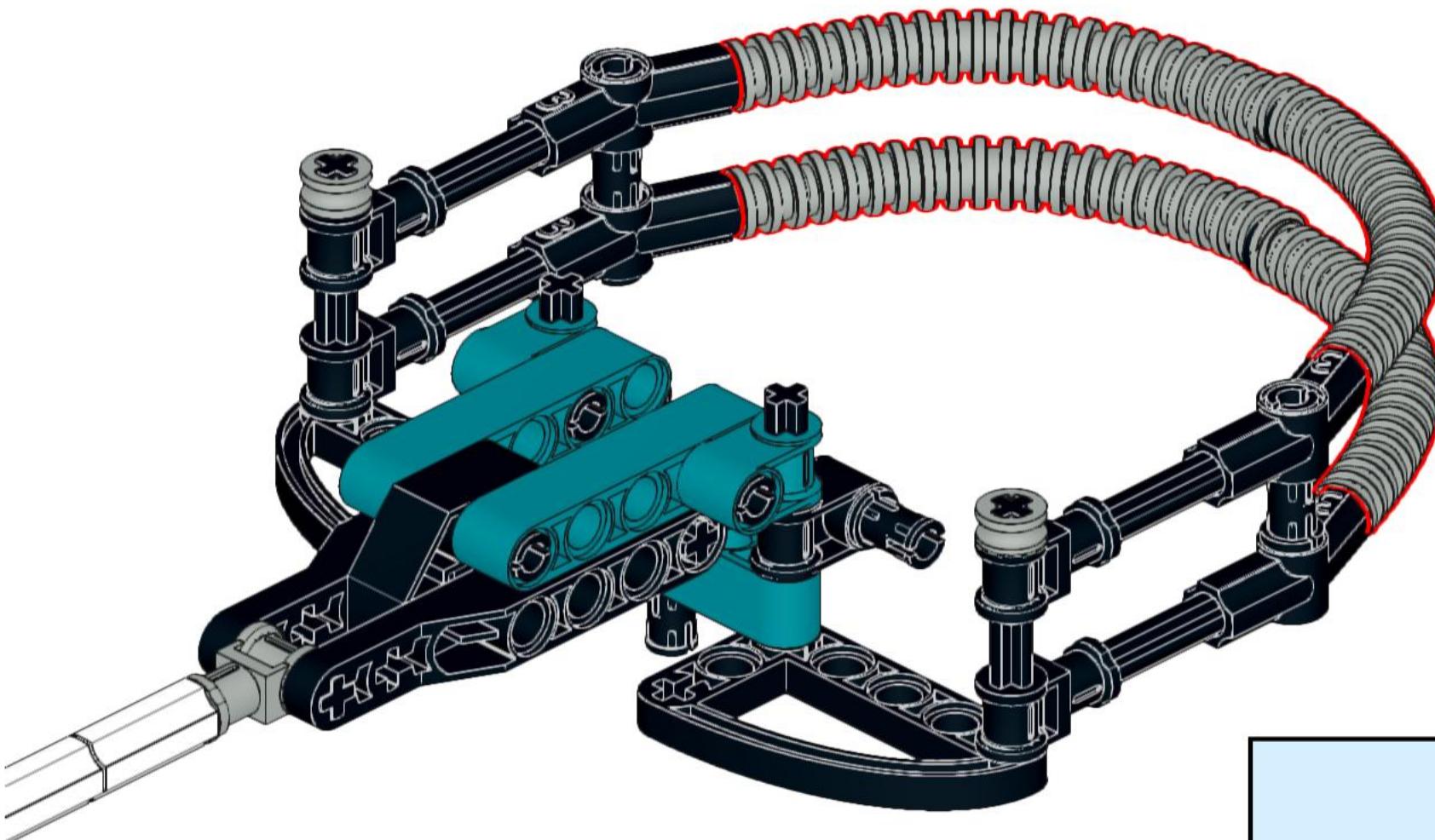
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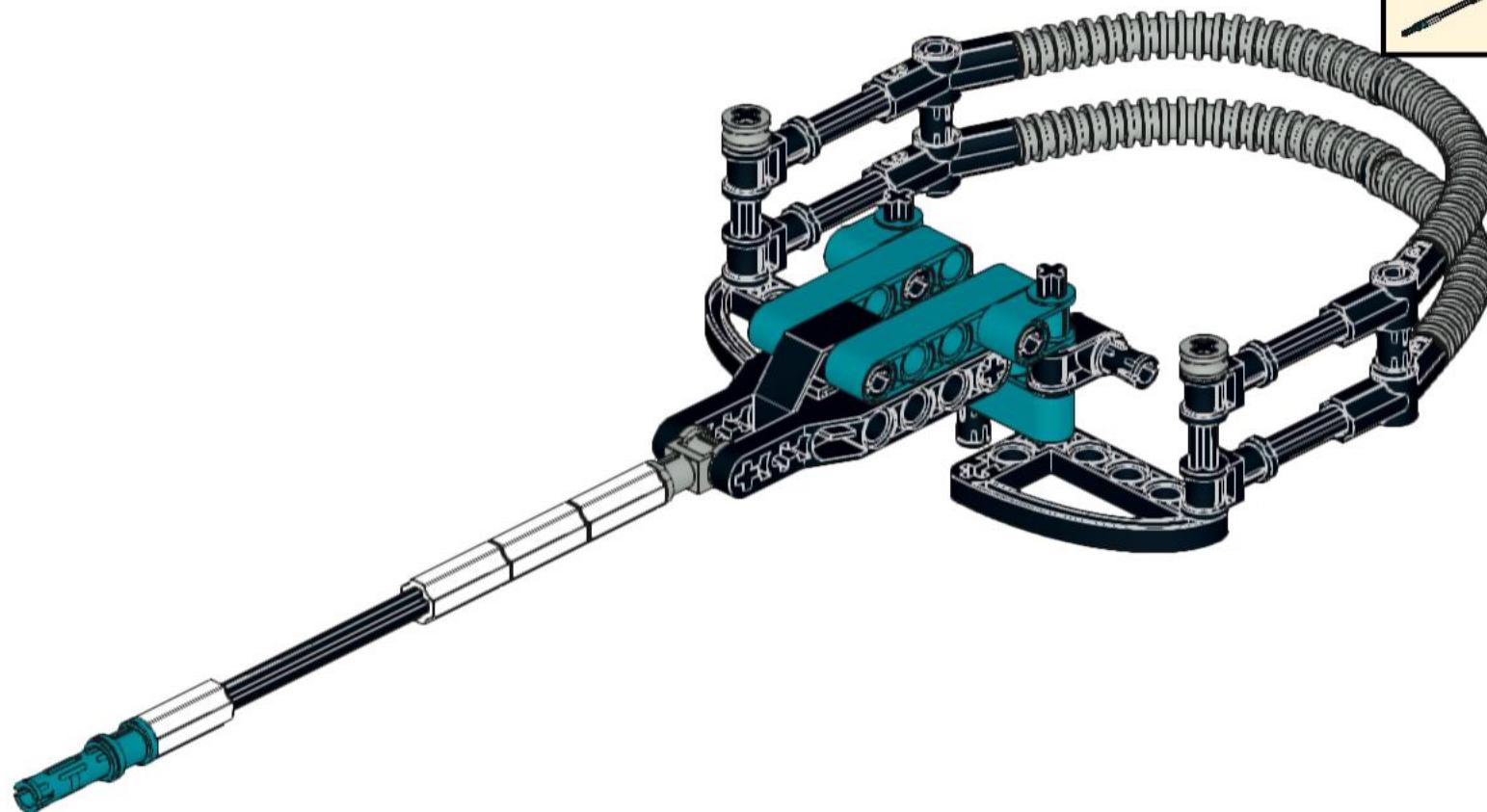
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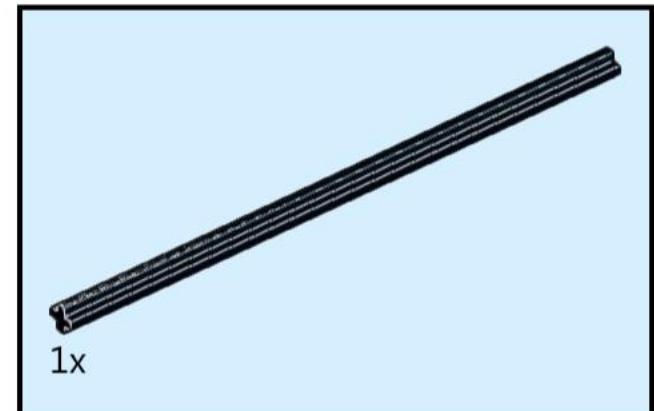
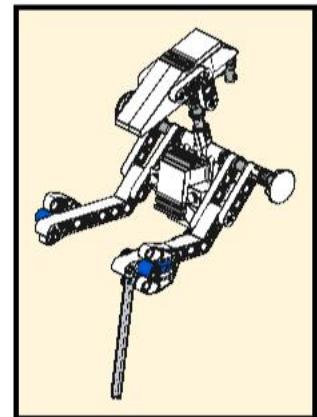
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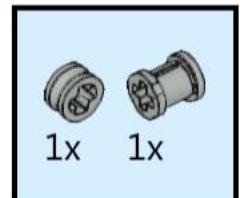
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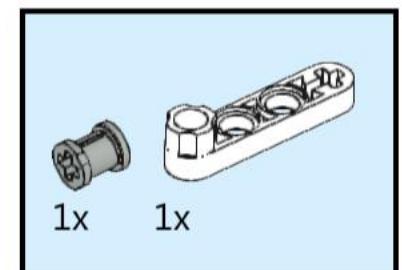
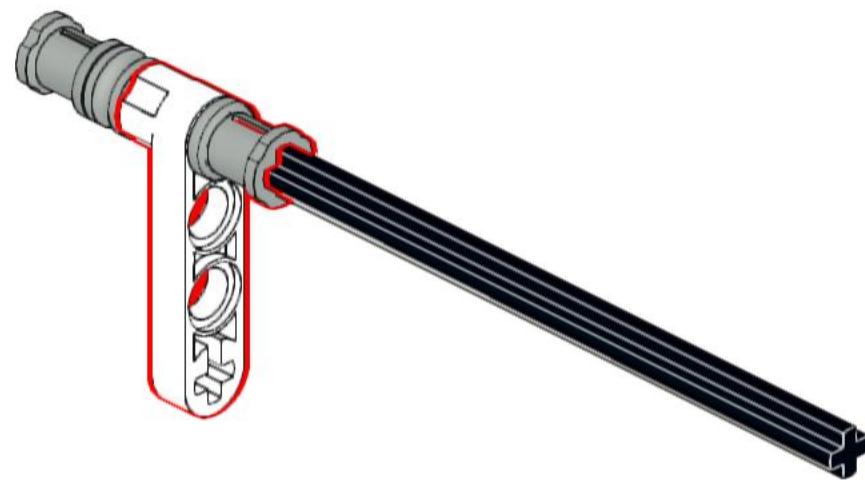
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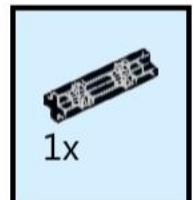
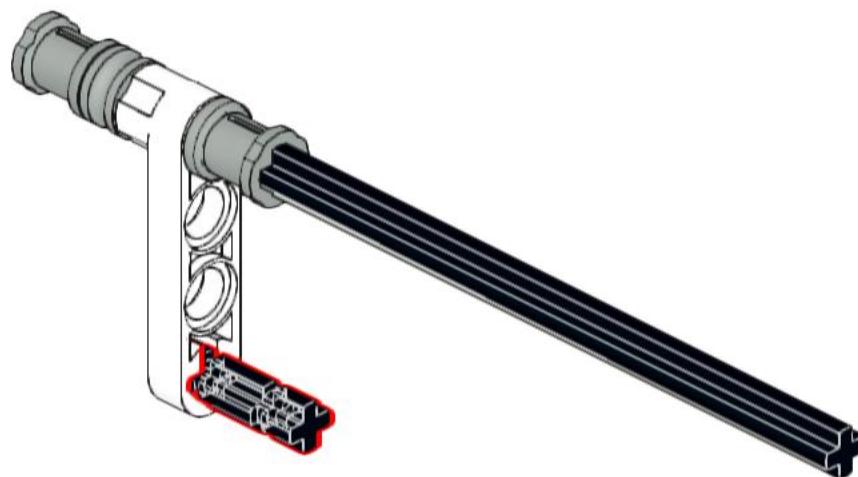
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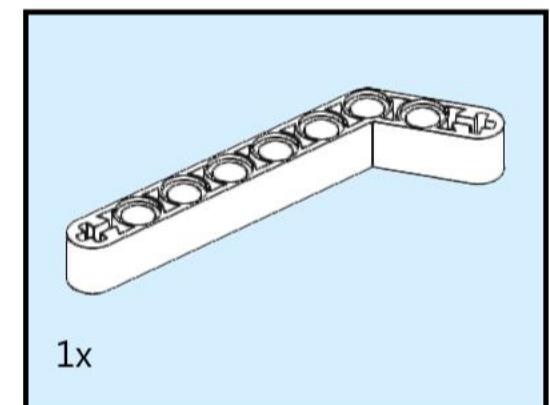
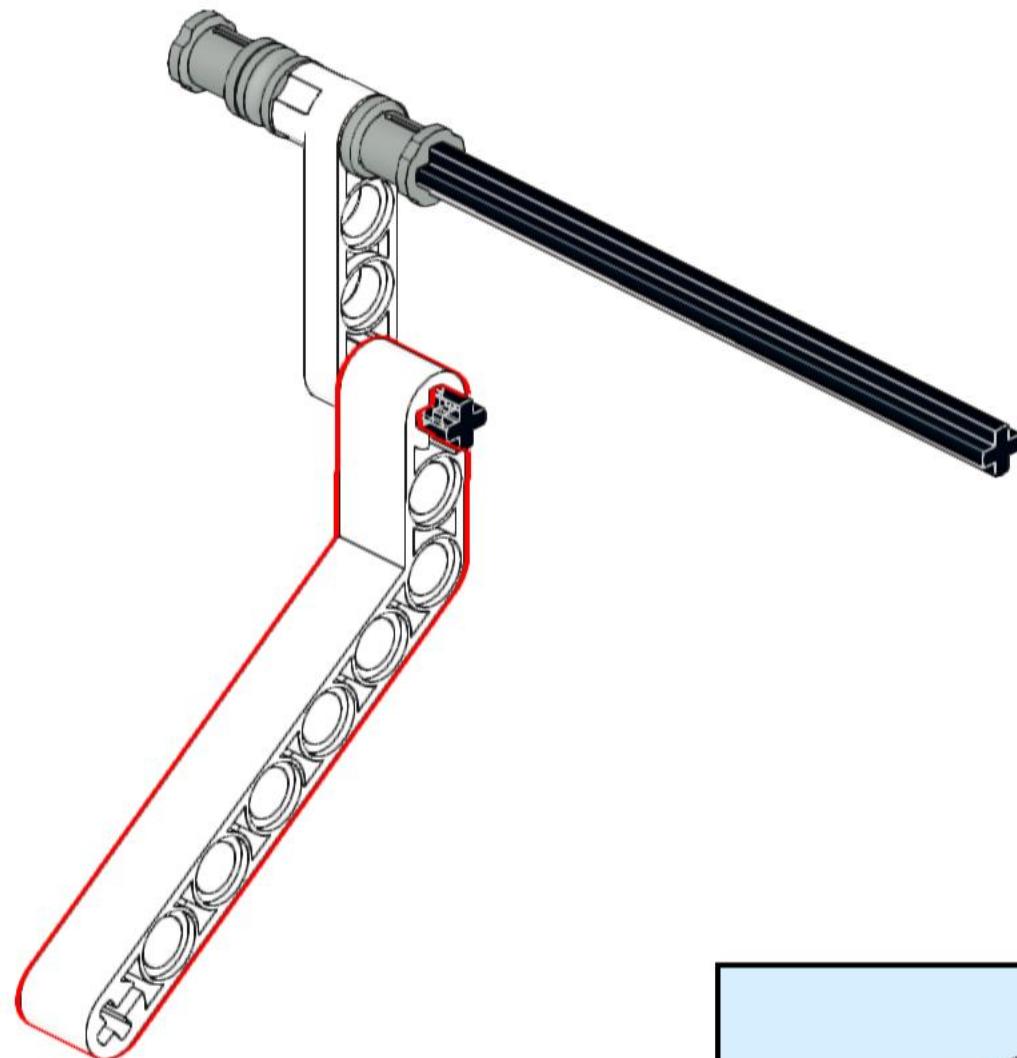
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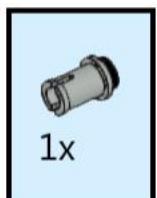
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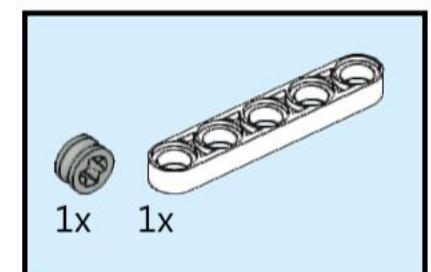
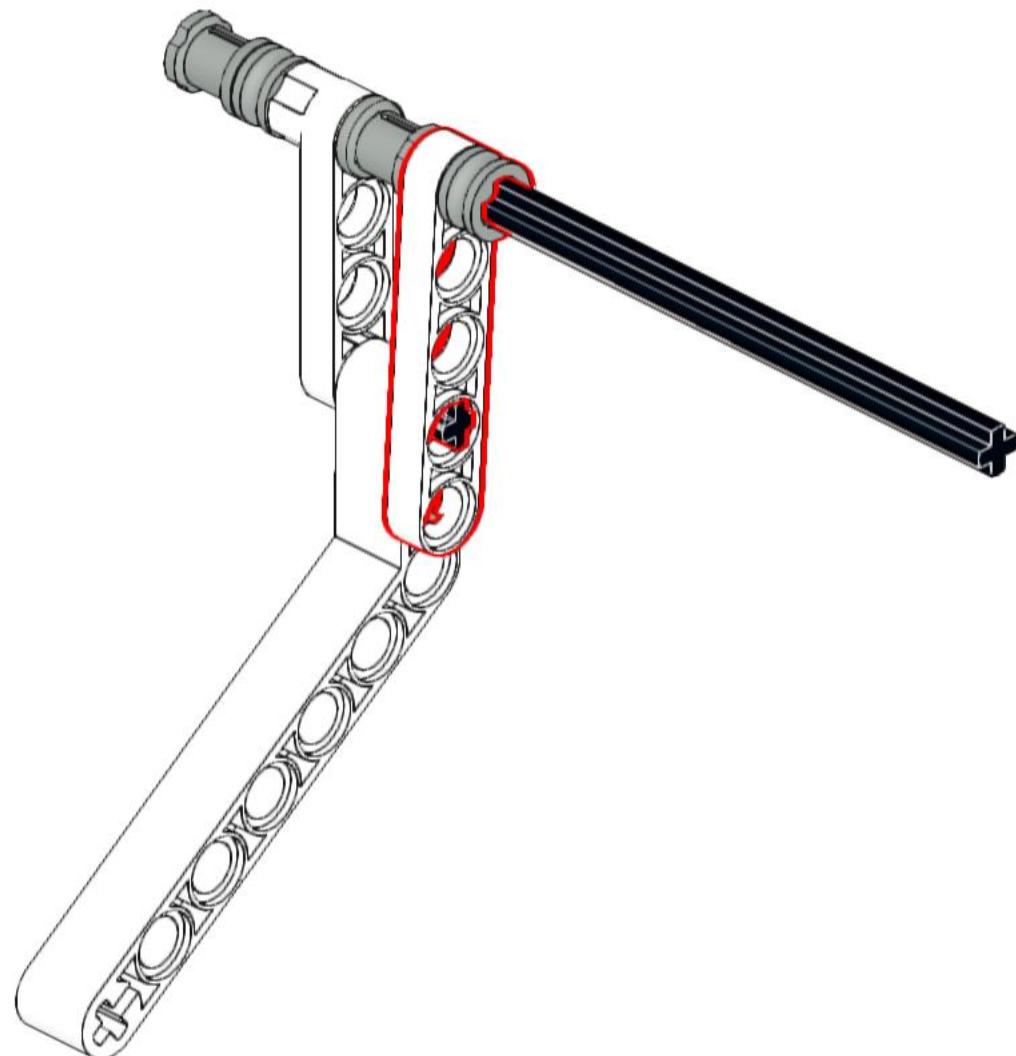
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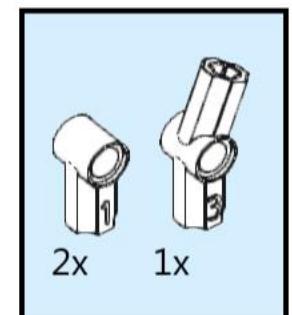
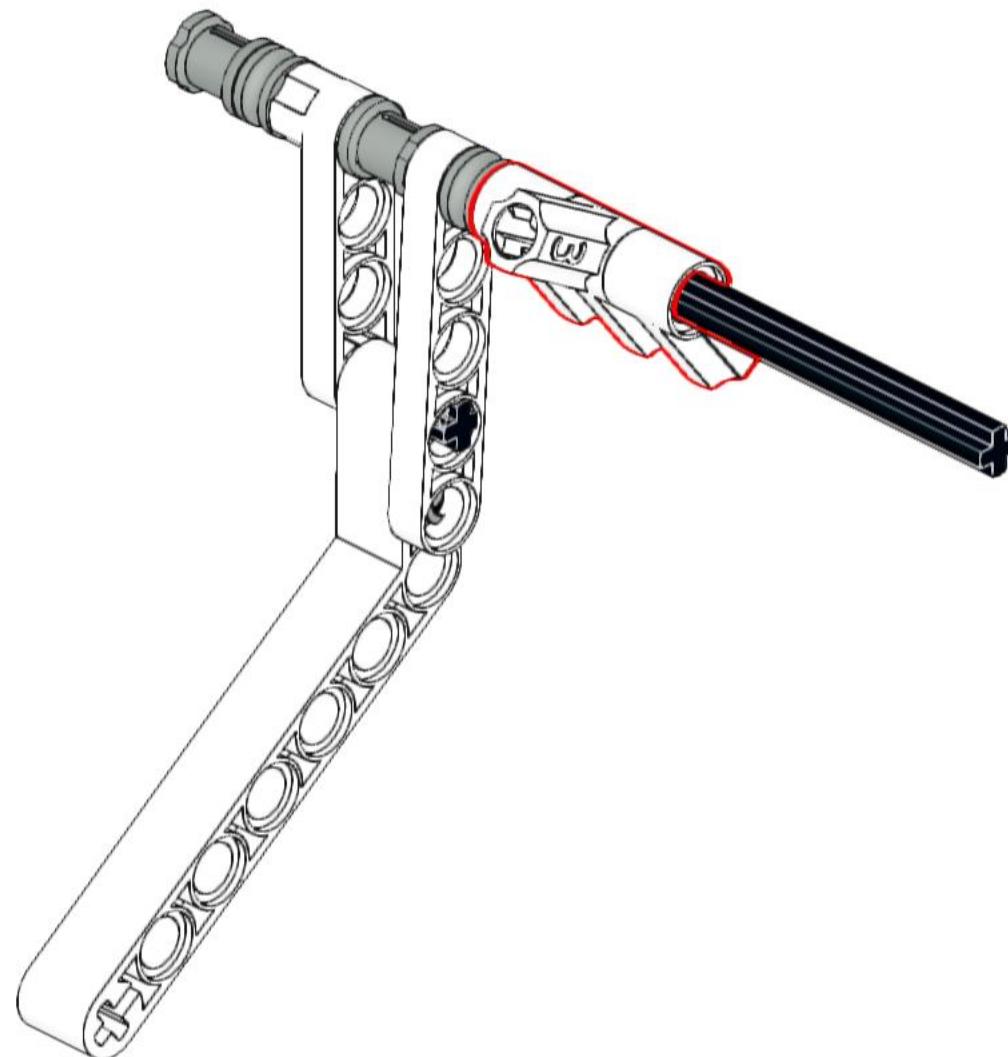
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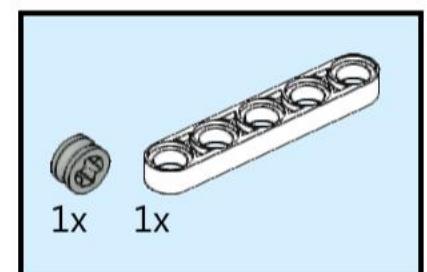
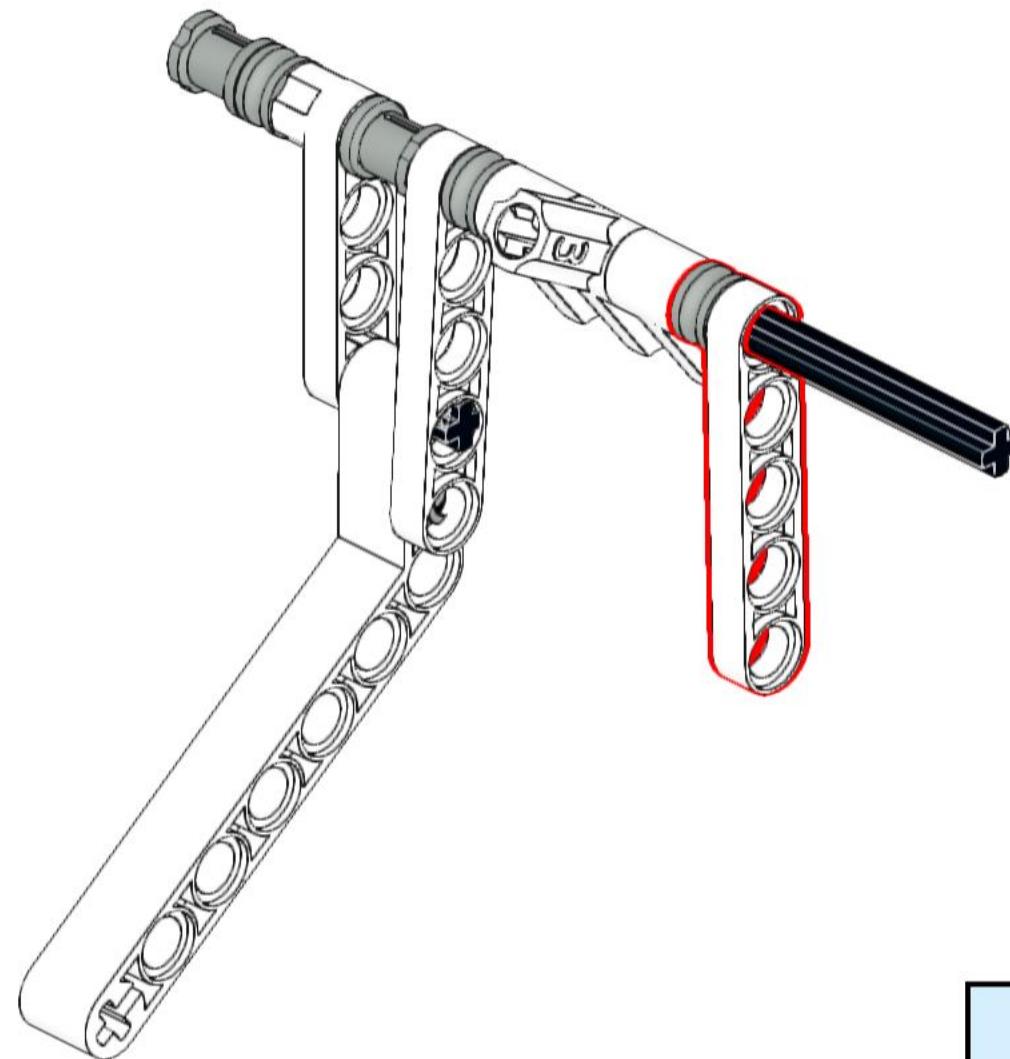
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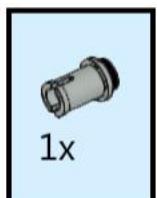
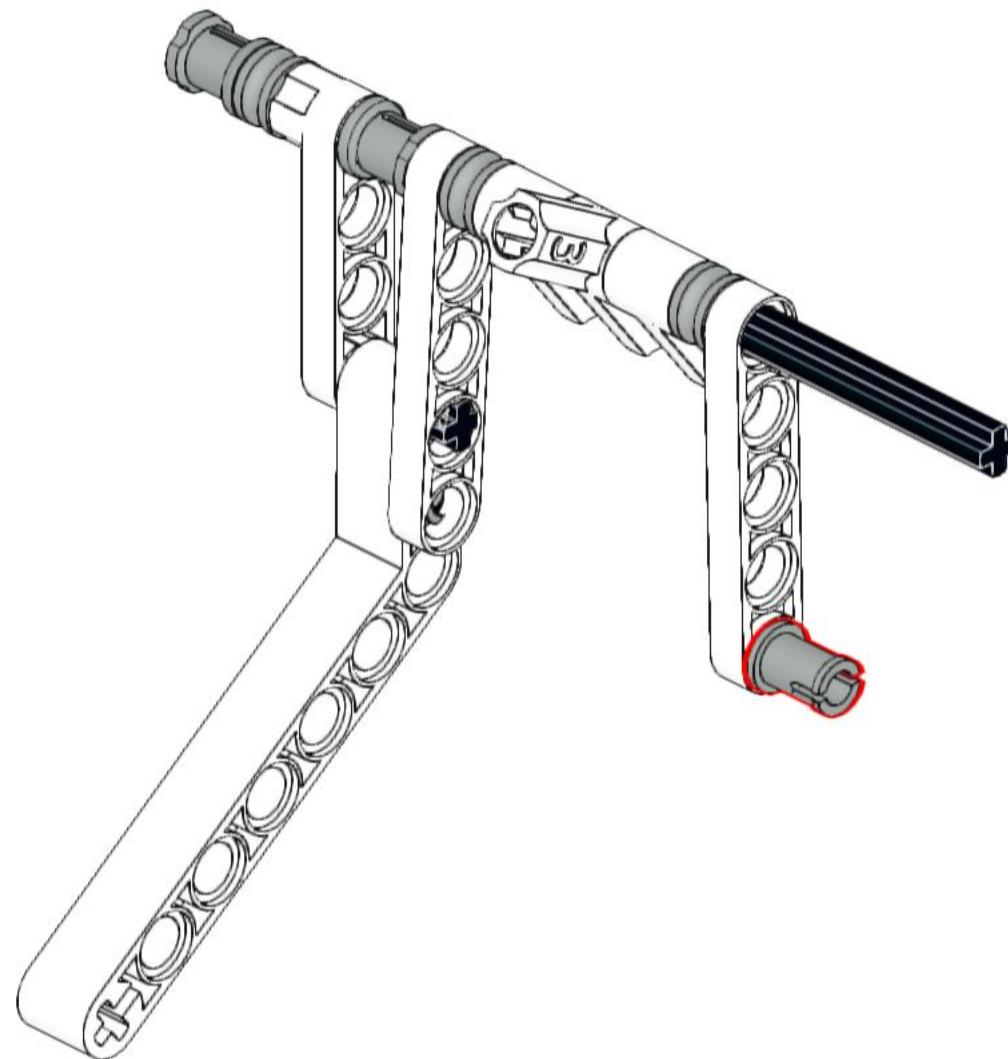
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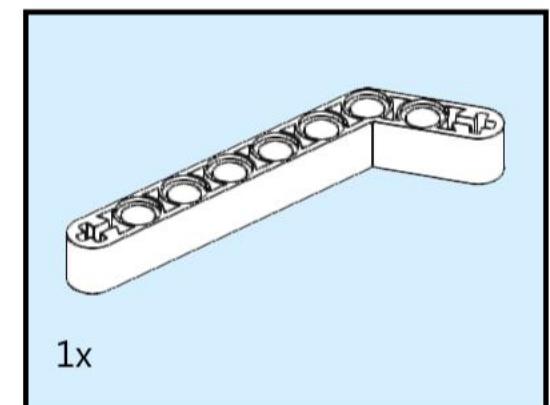
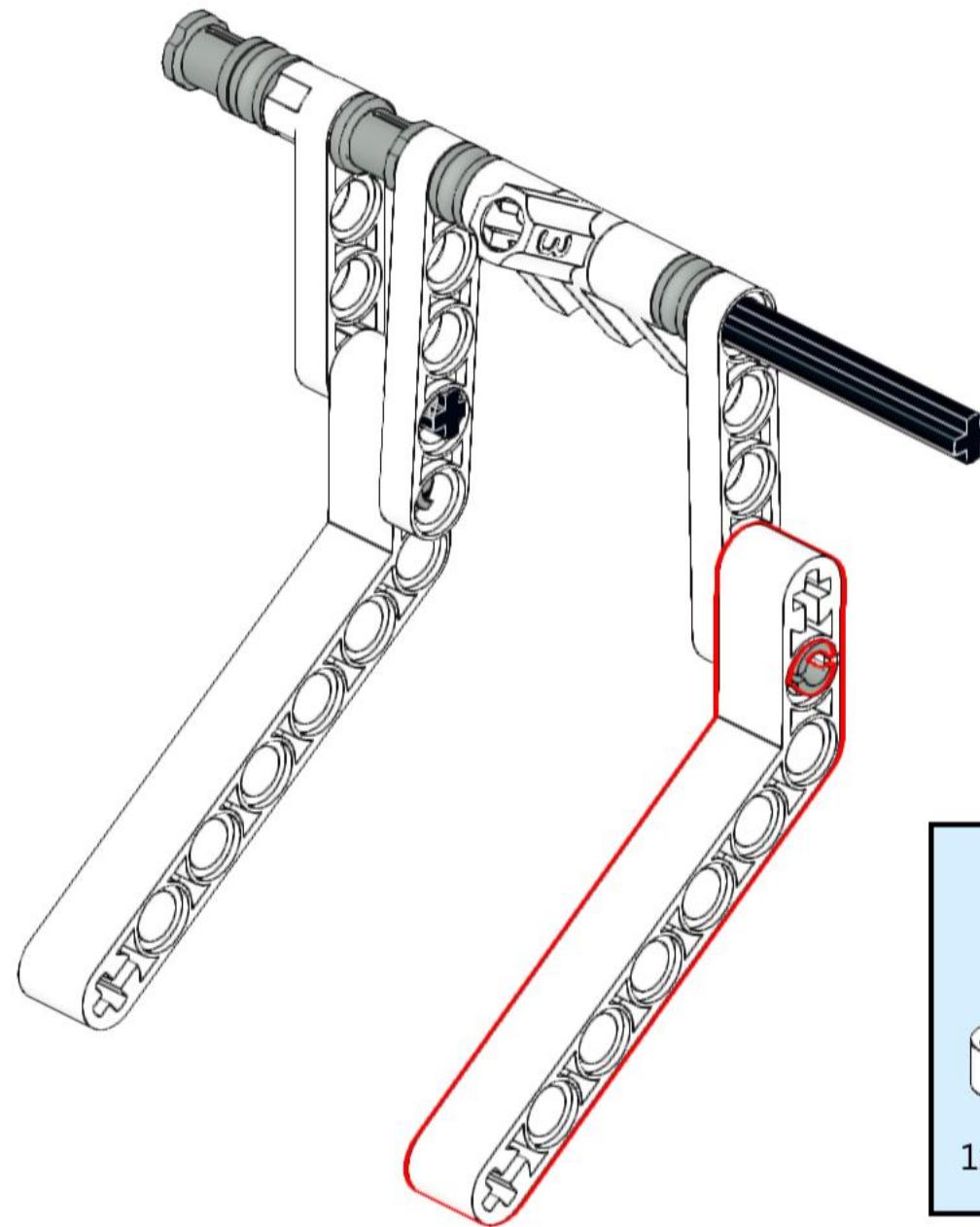
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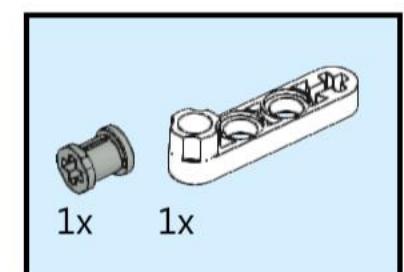
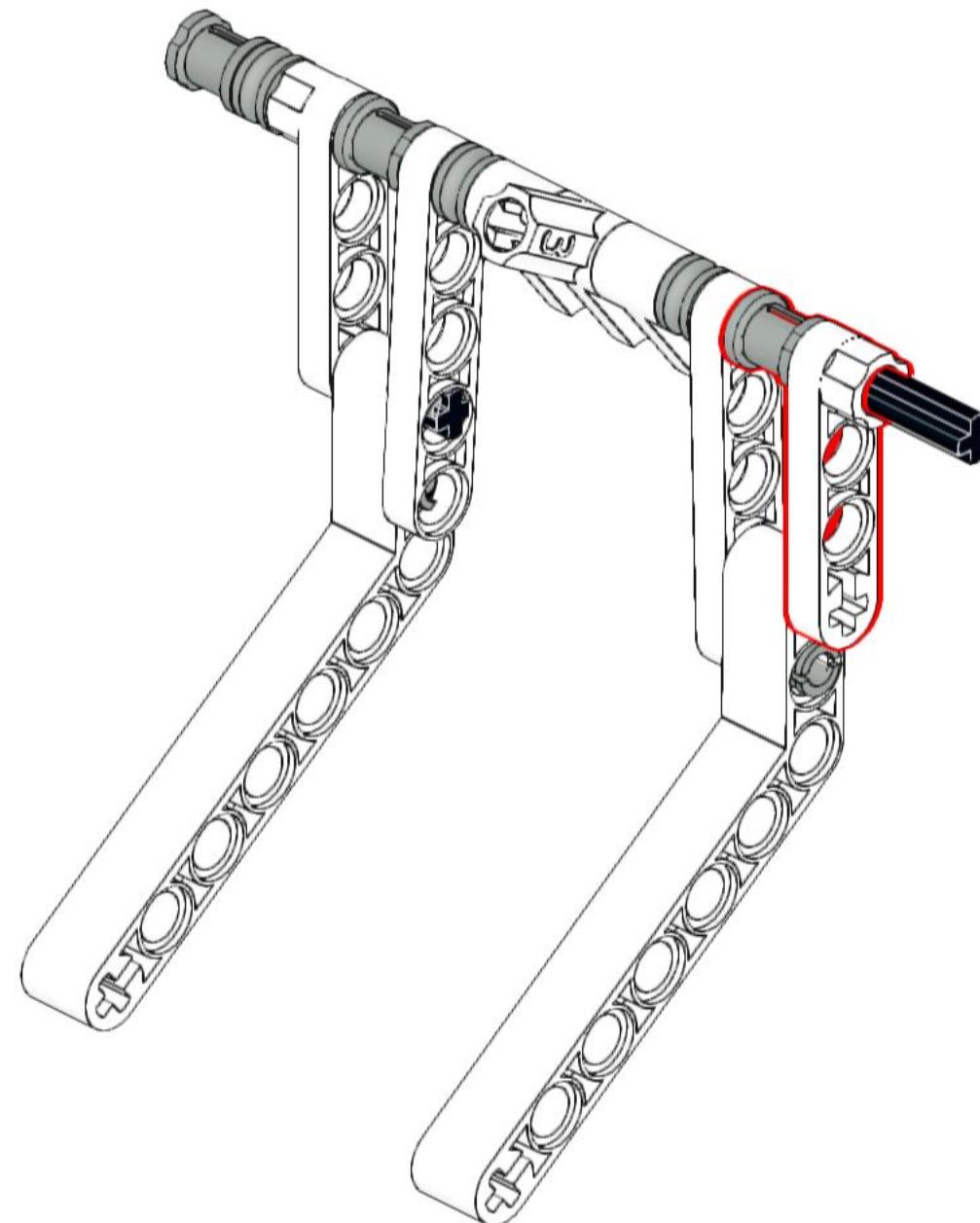
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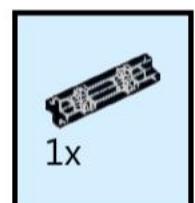
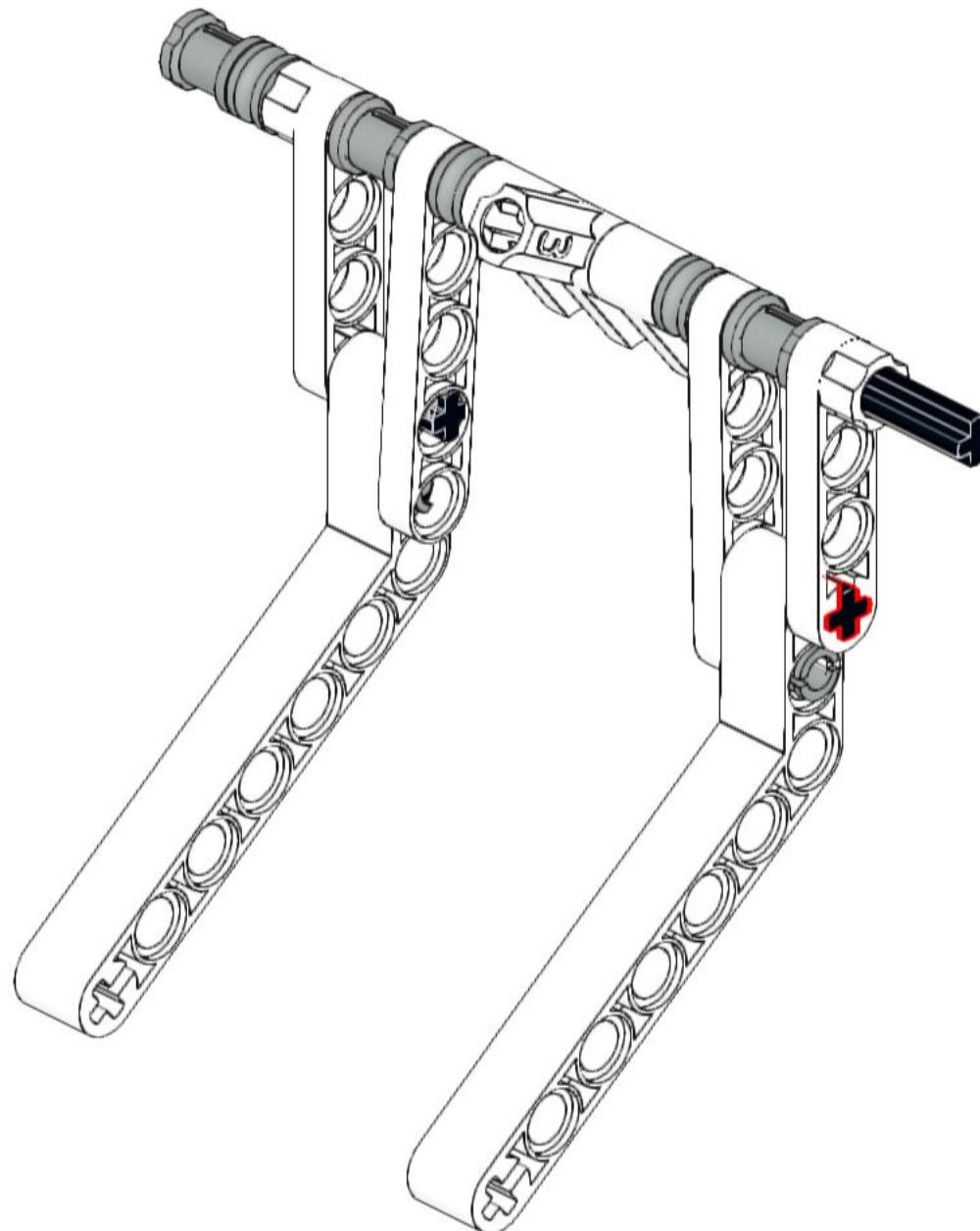
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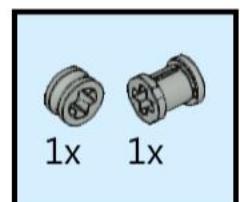
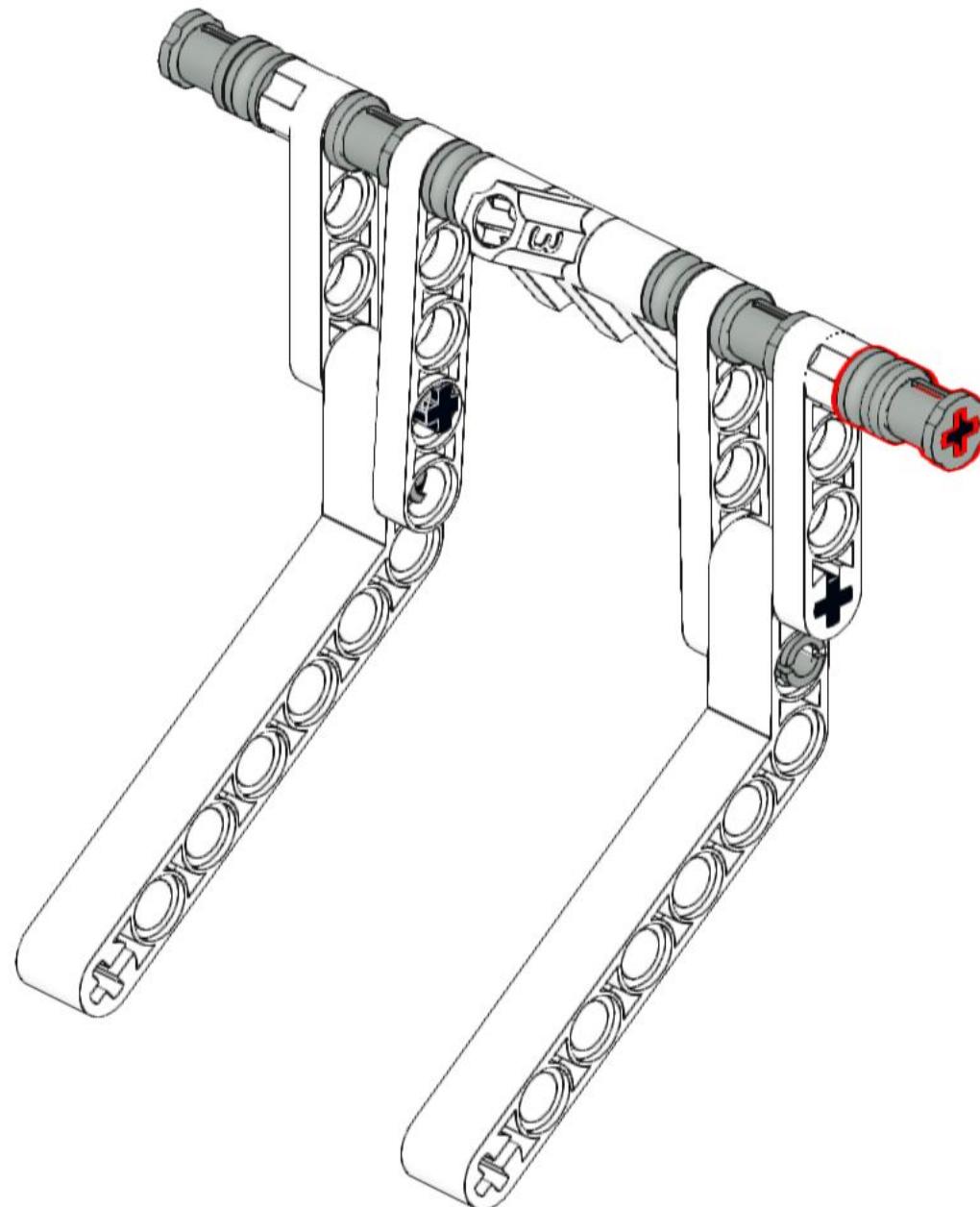
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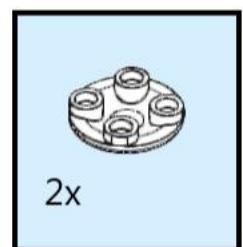
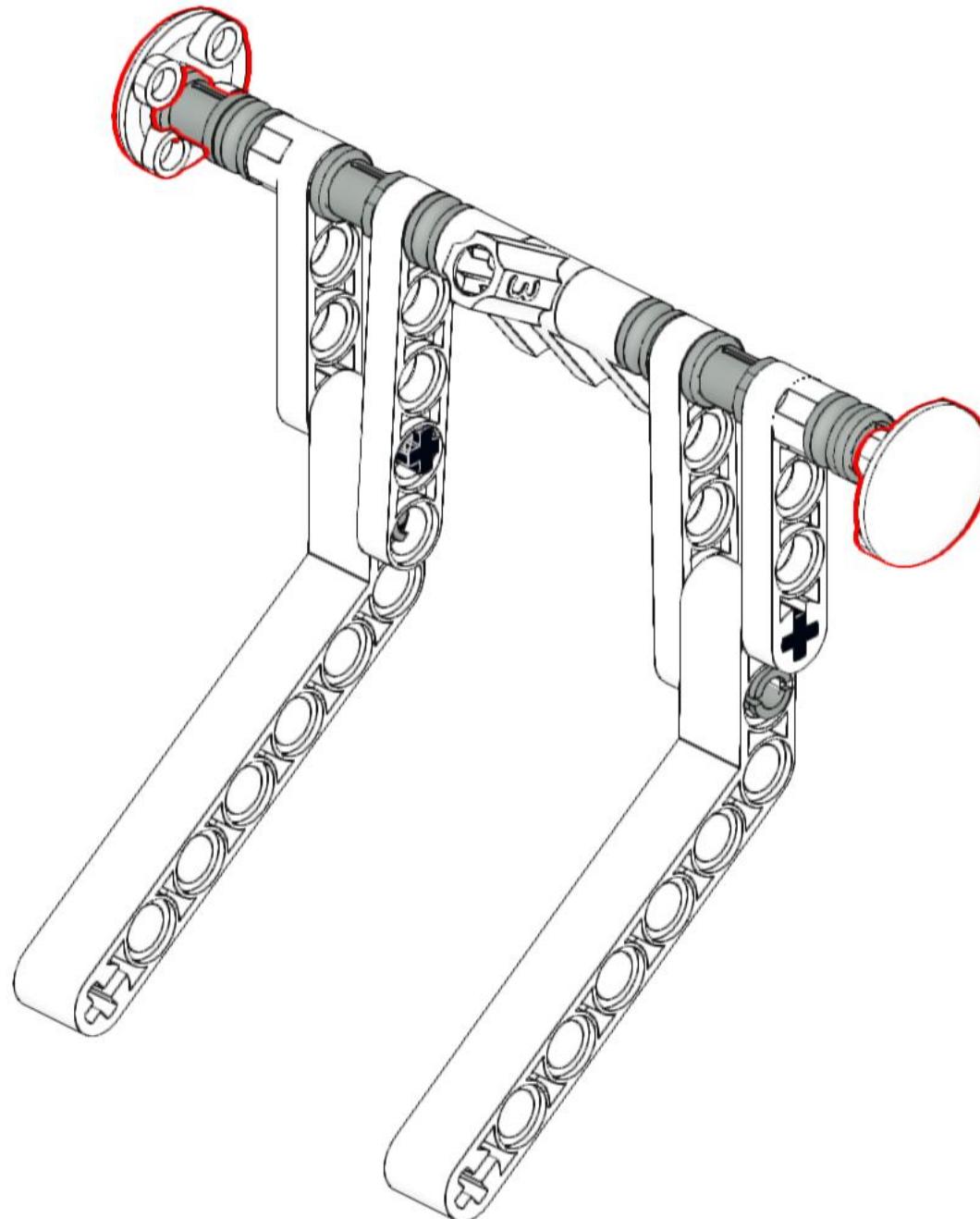
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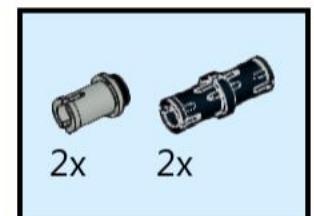
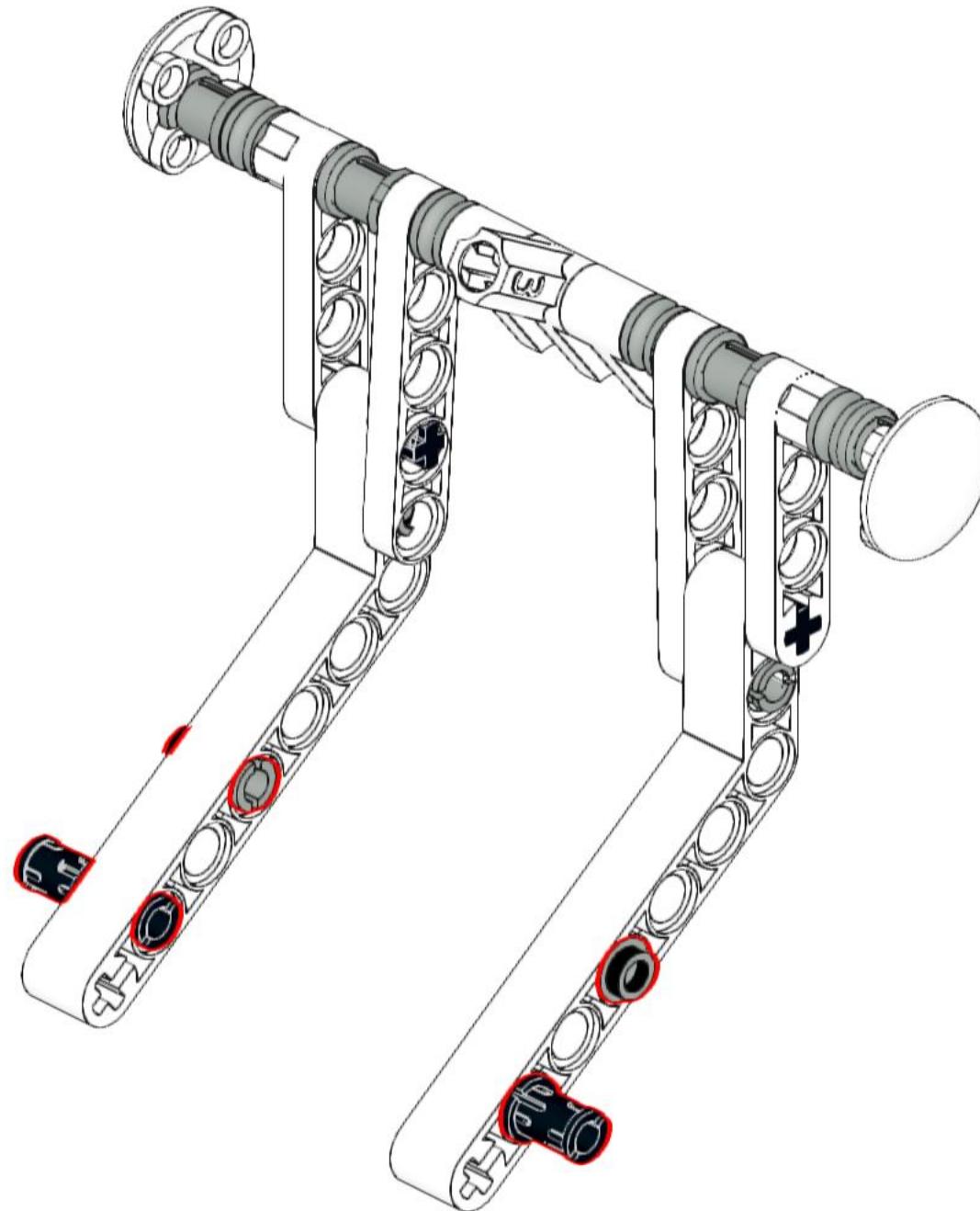
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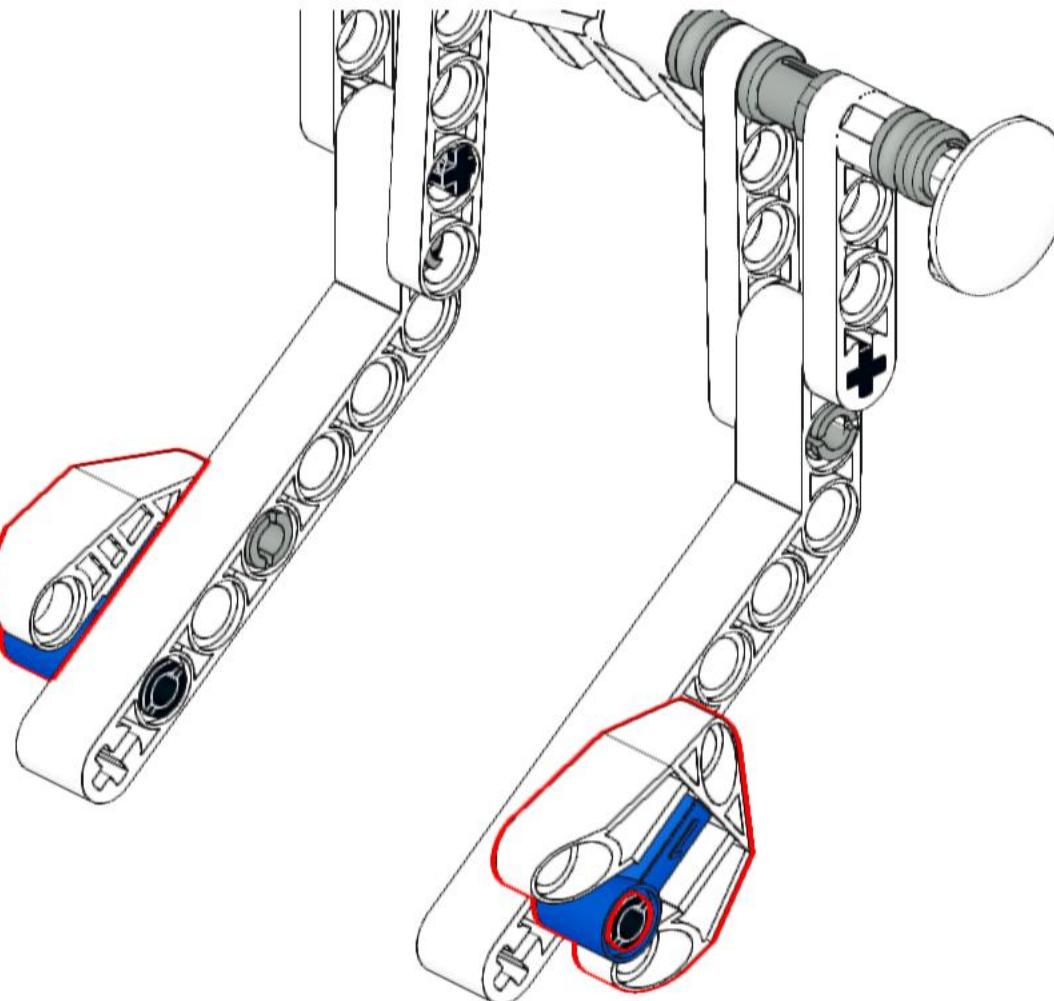
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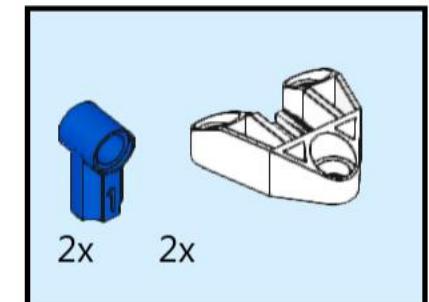
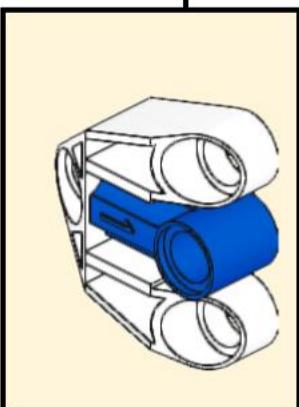
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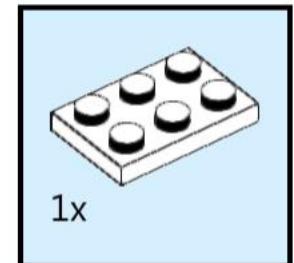
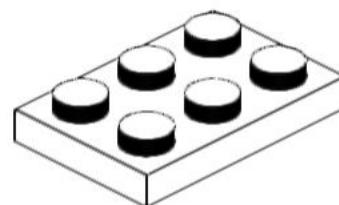
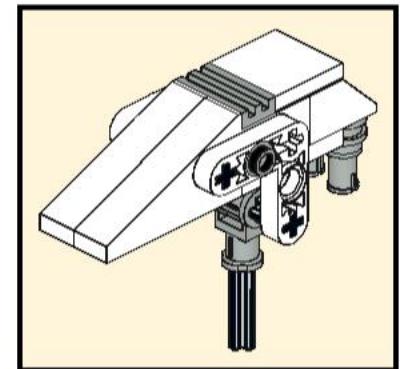
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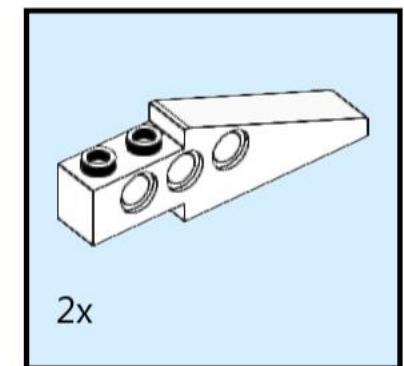
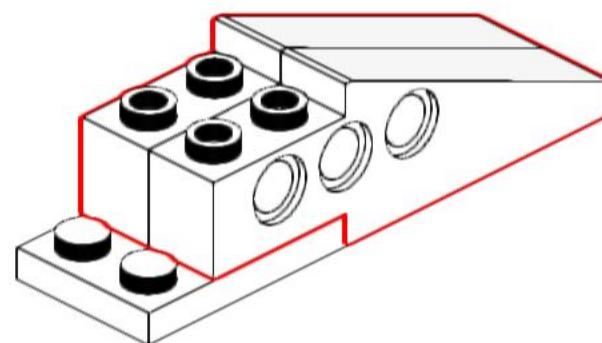
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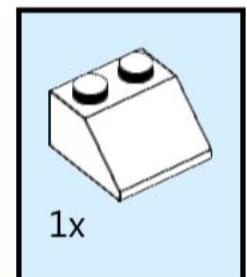
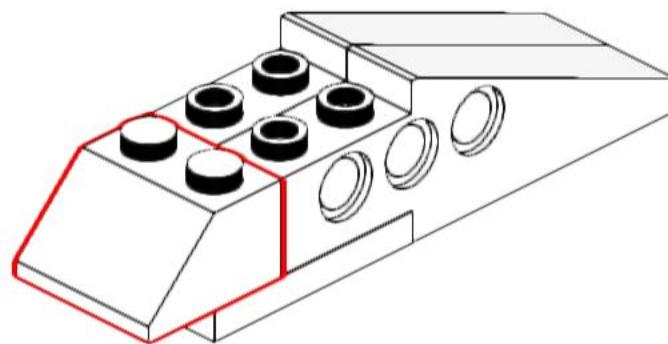
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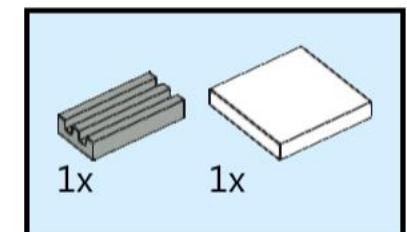
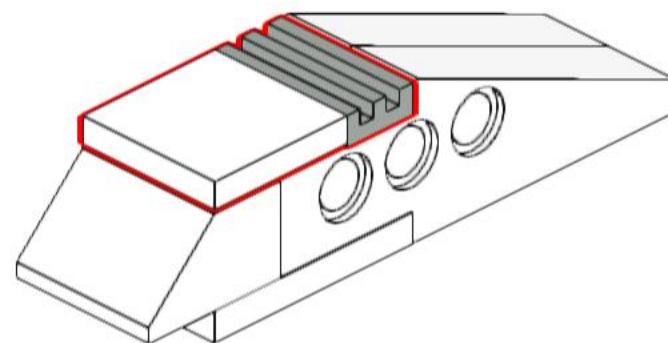
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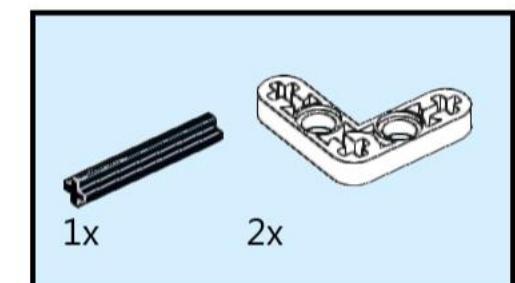
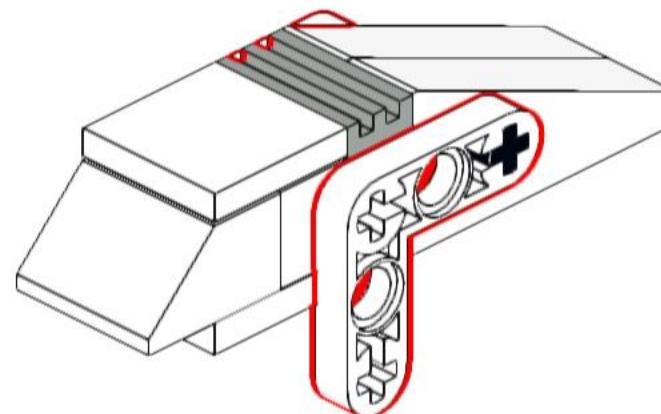
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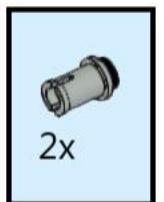
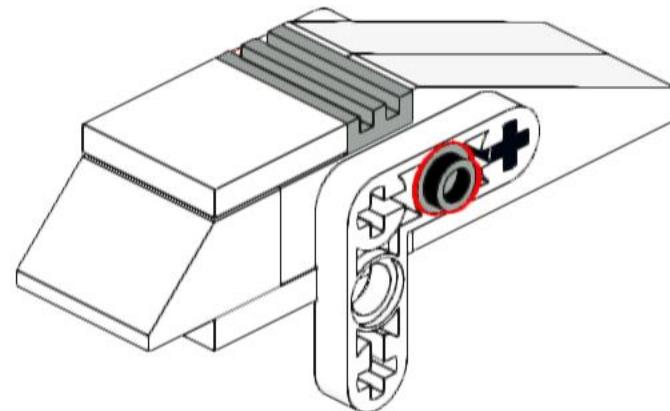
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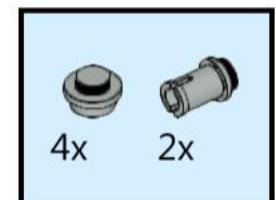
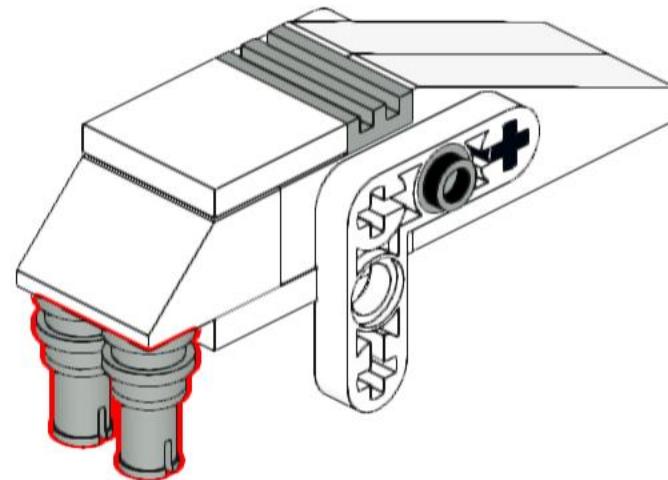
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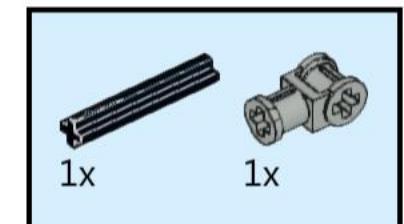
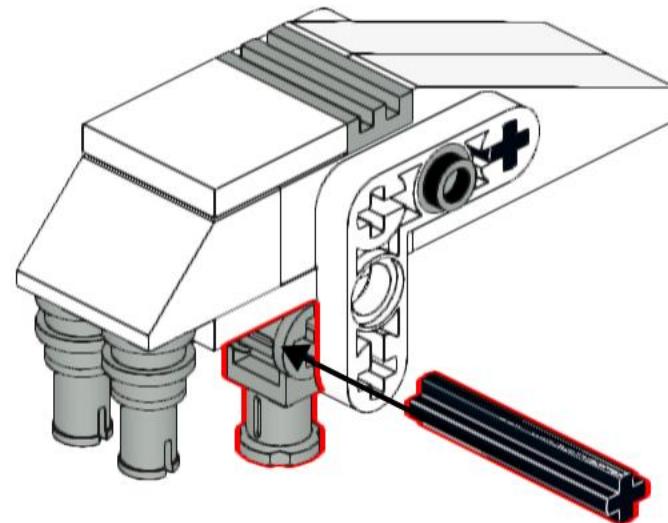
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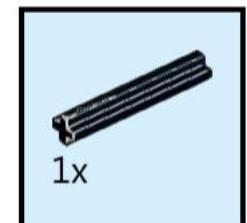
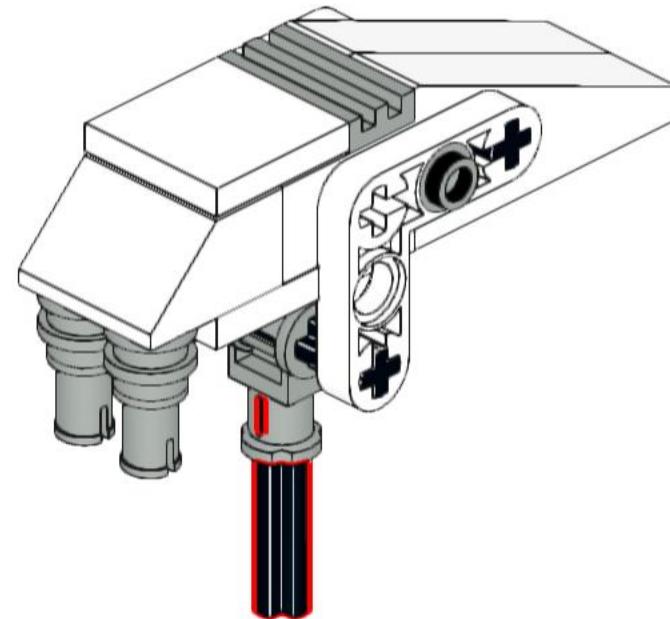
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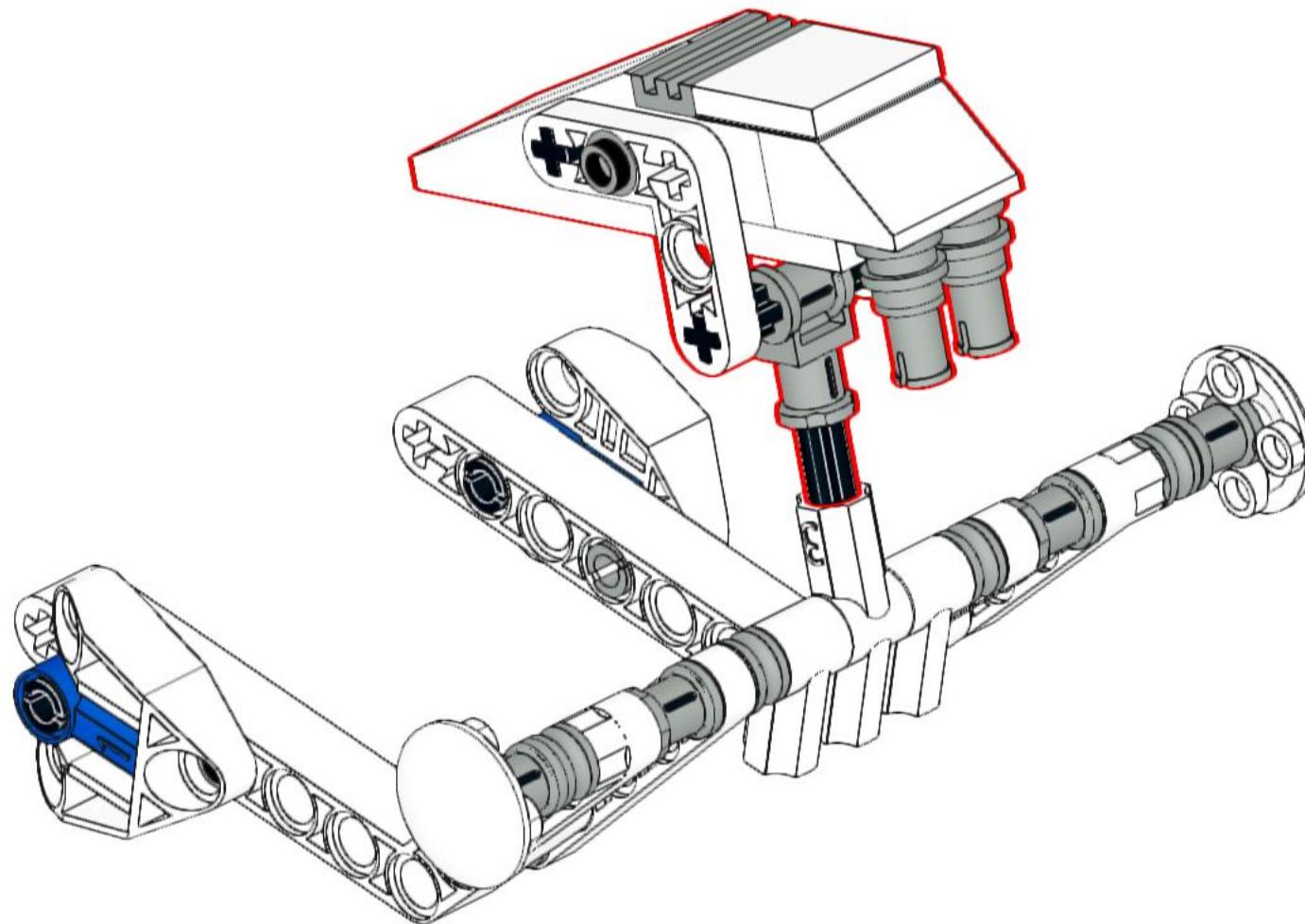
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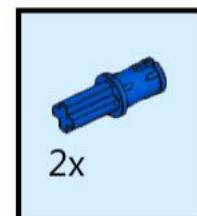
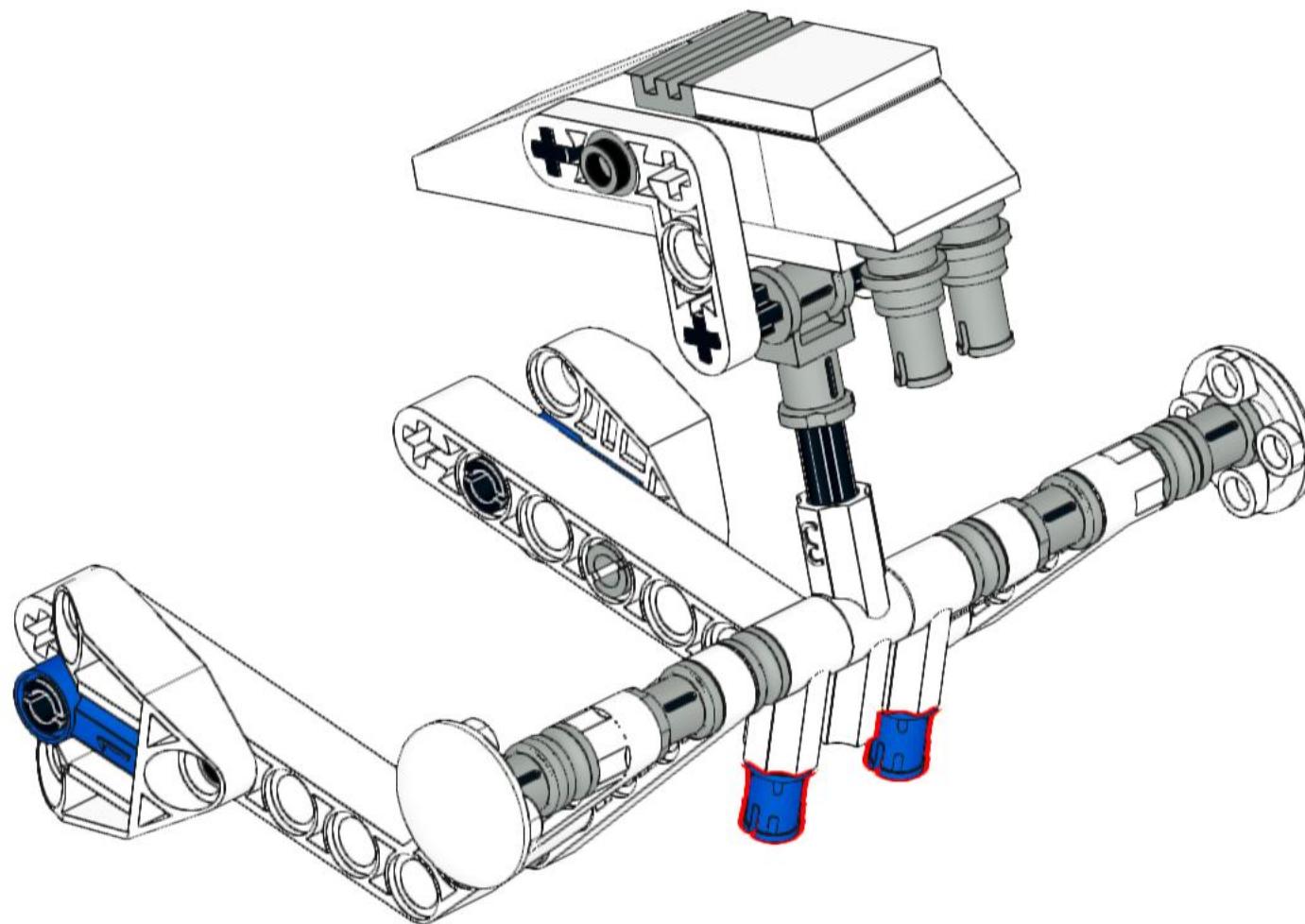
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# 188

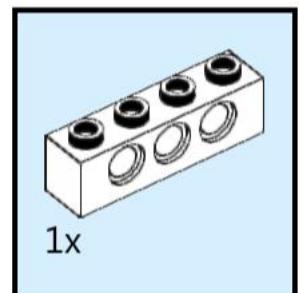
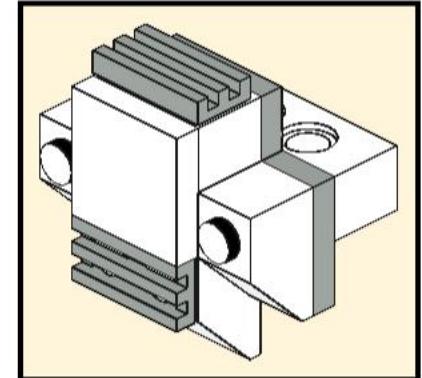
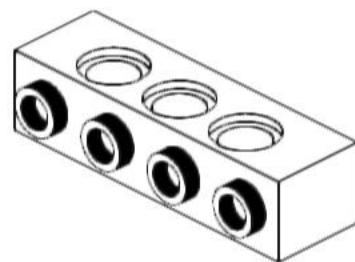


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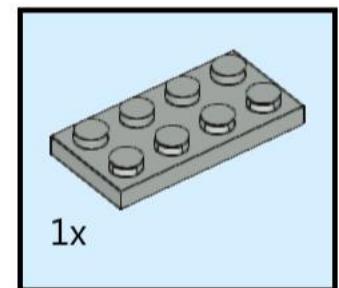
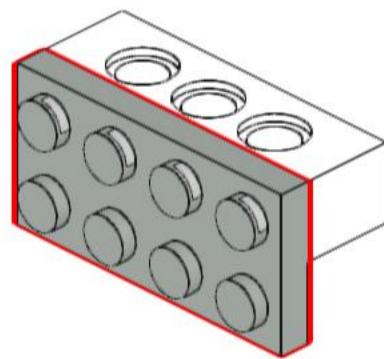


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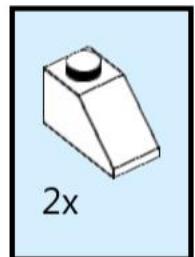
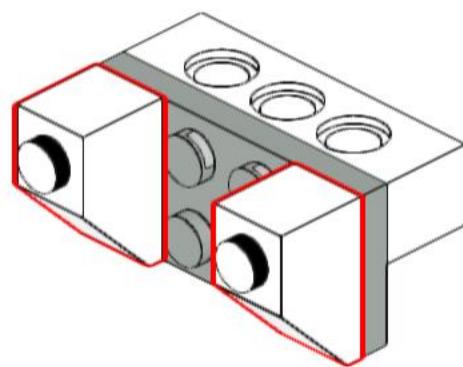
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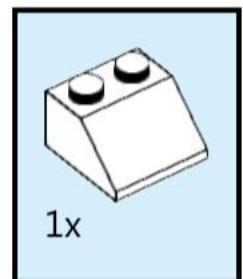
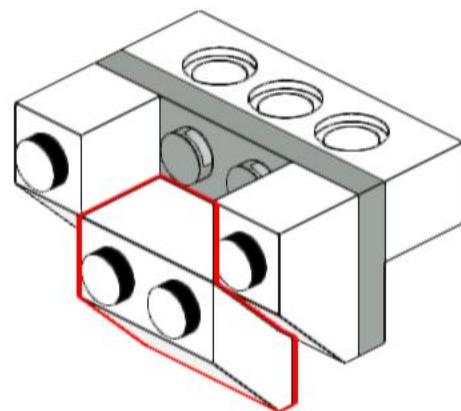
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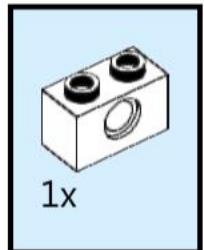
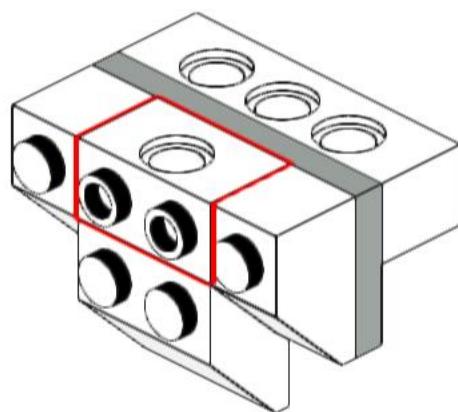
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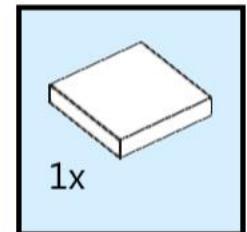
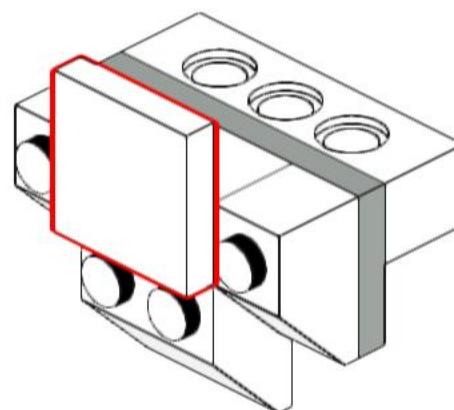
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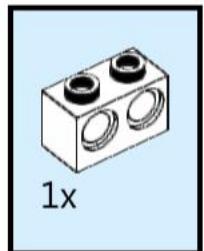
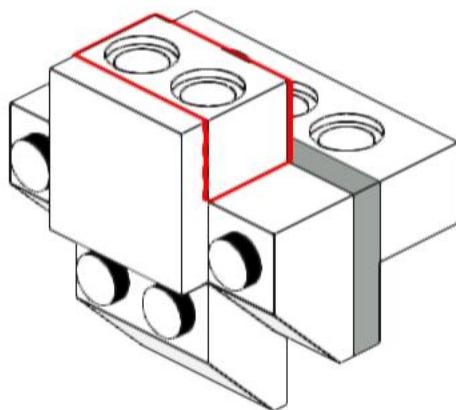
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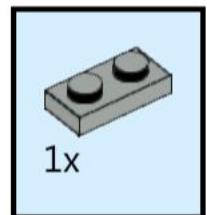
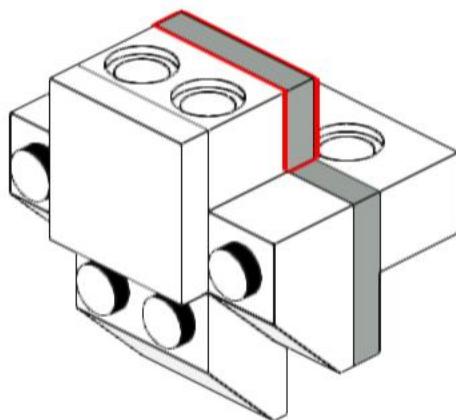
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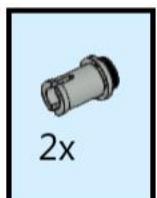
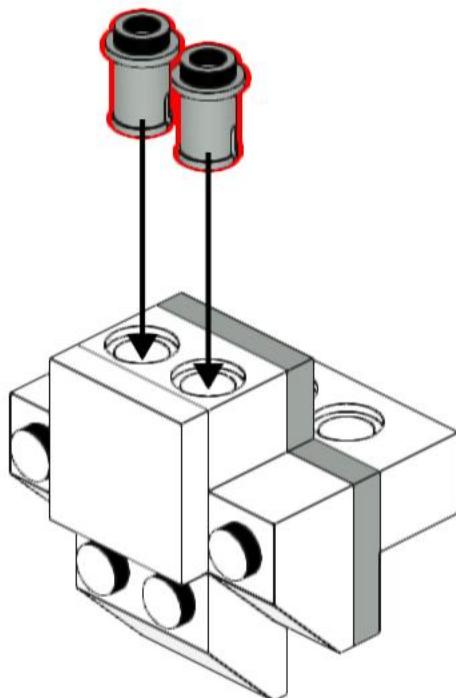
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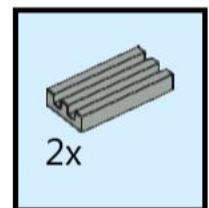
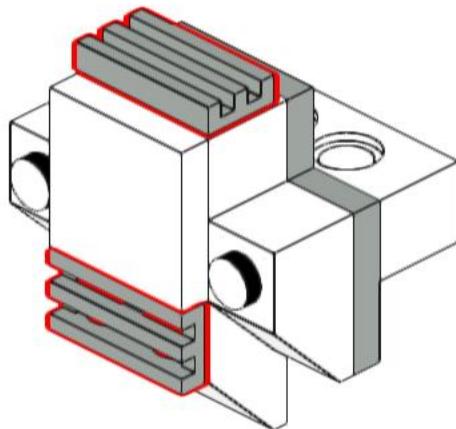
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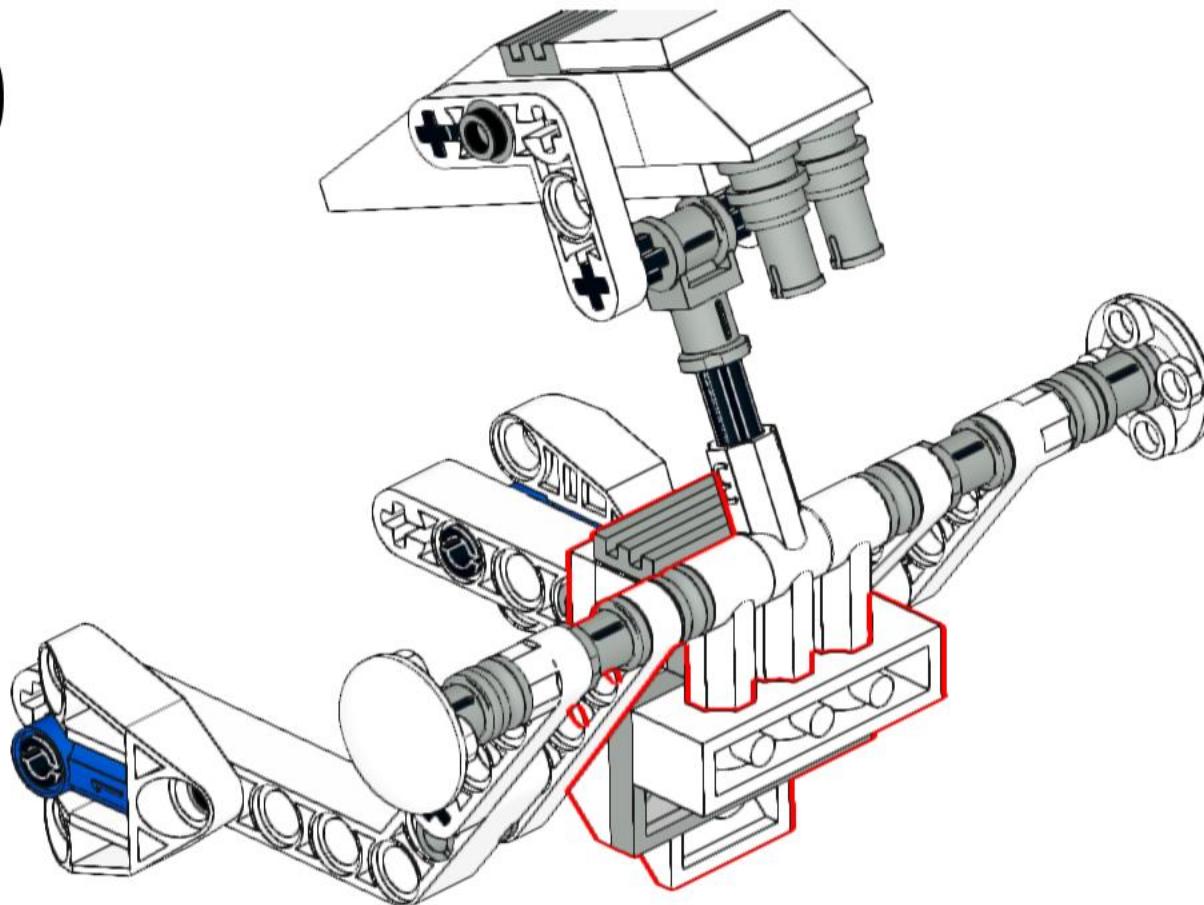
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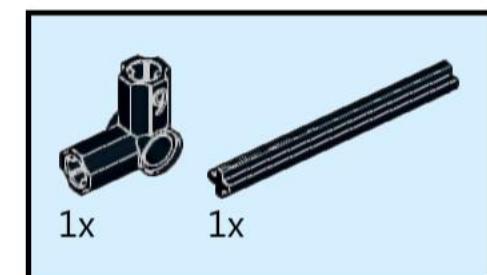
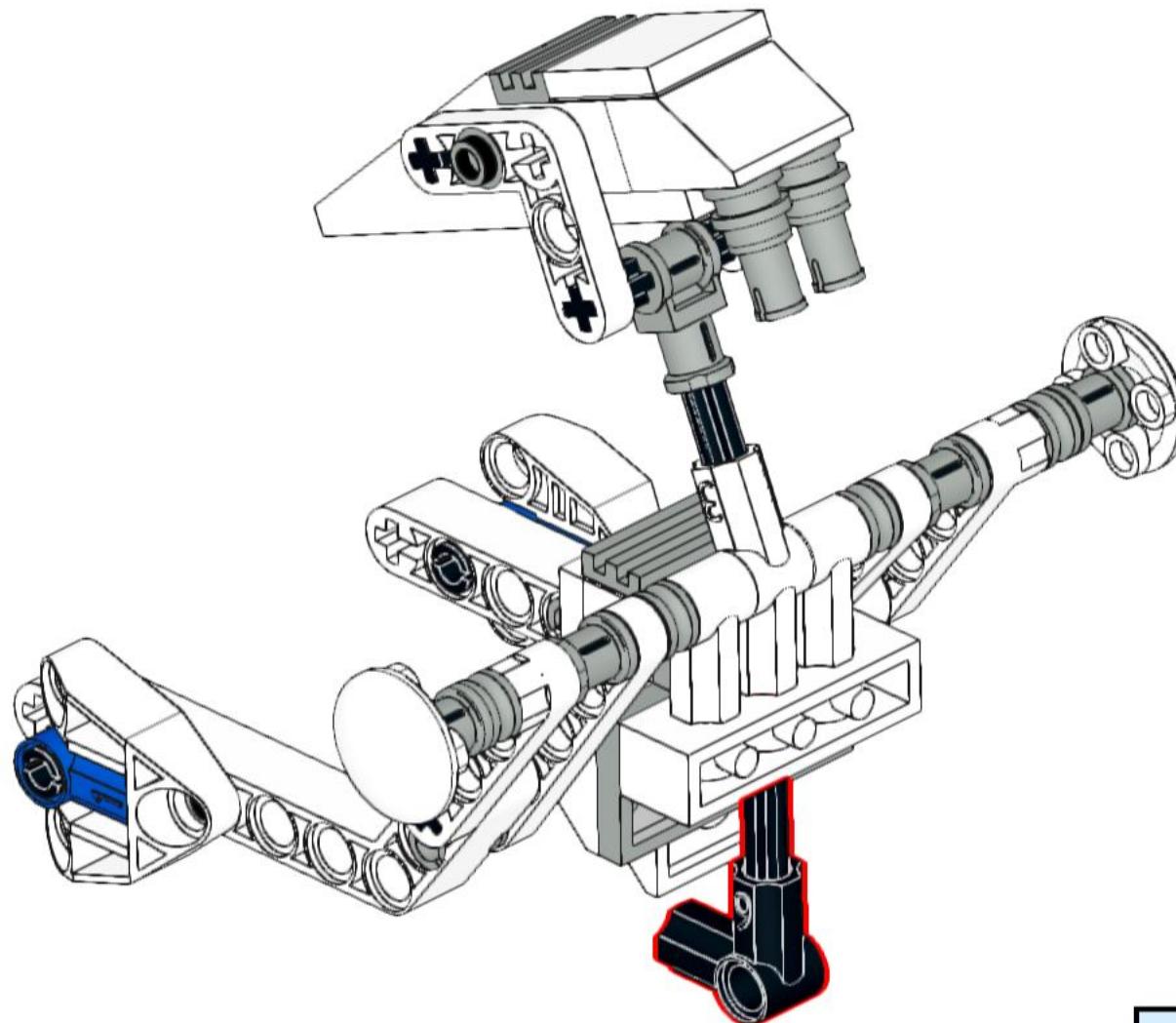
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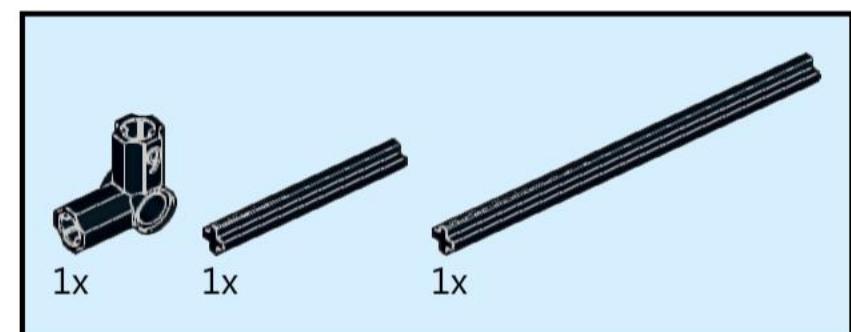
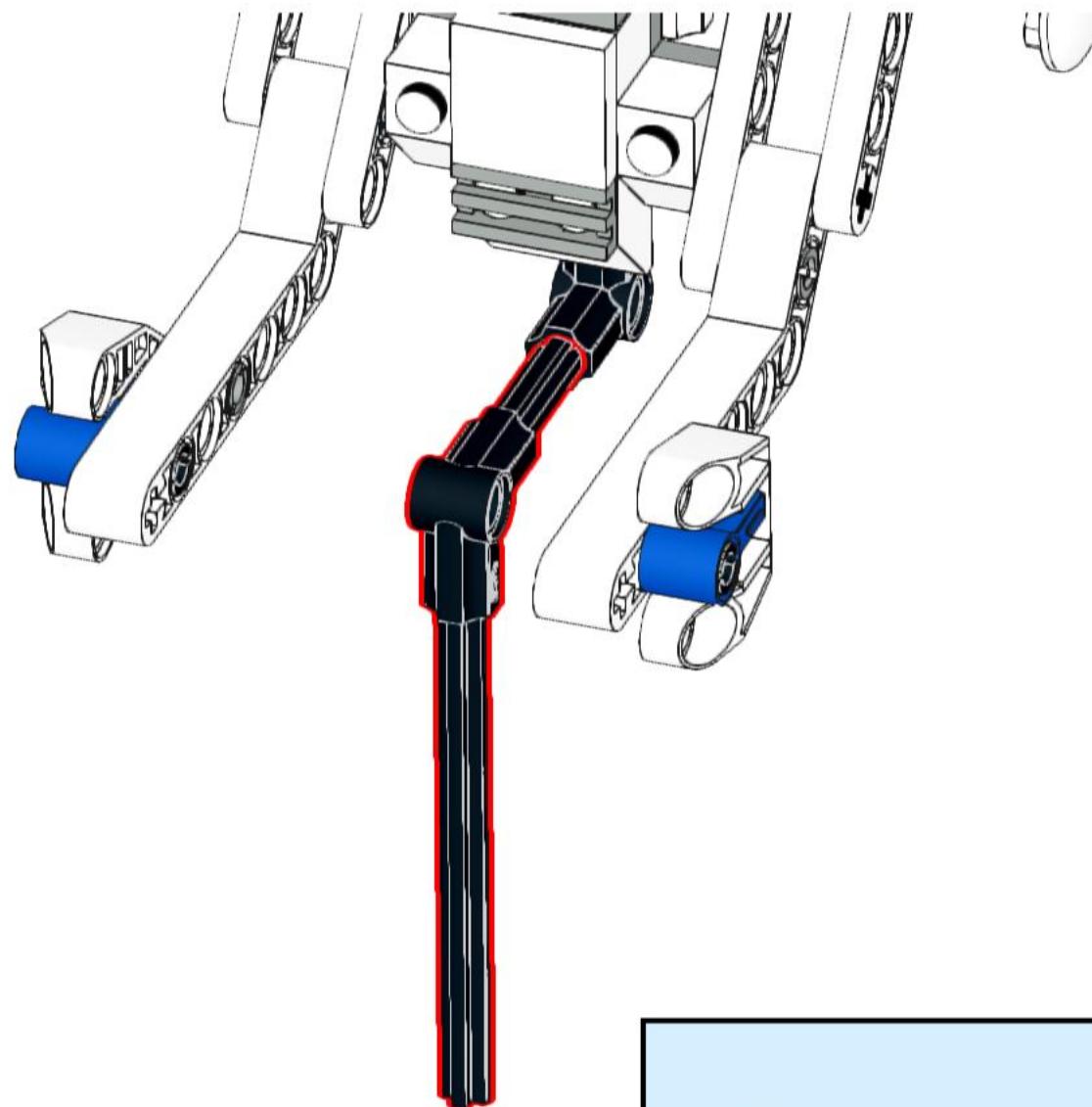
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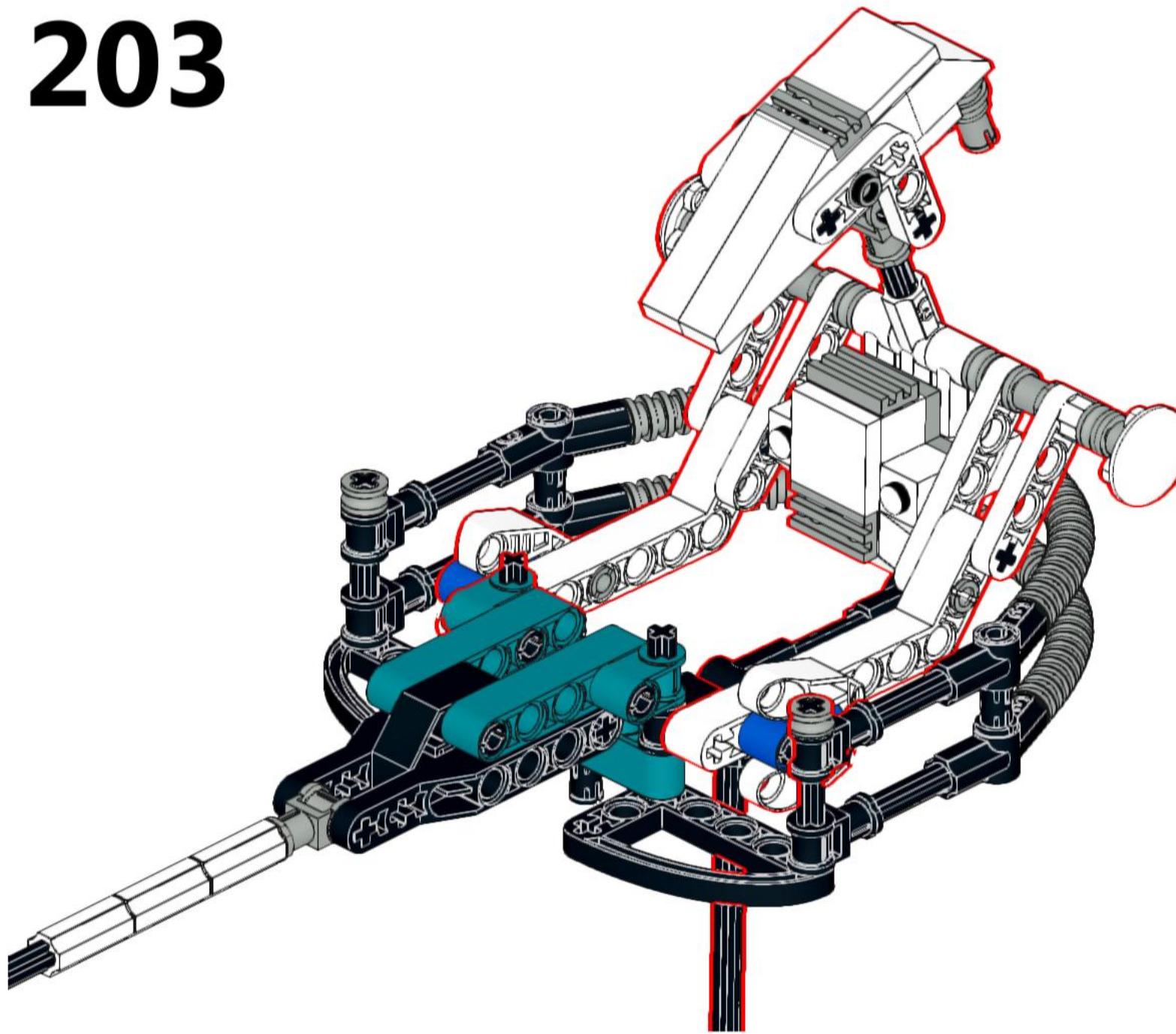
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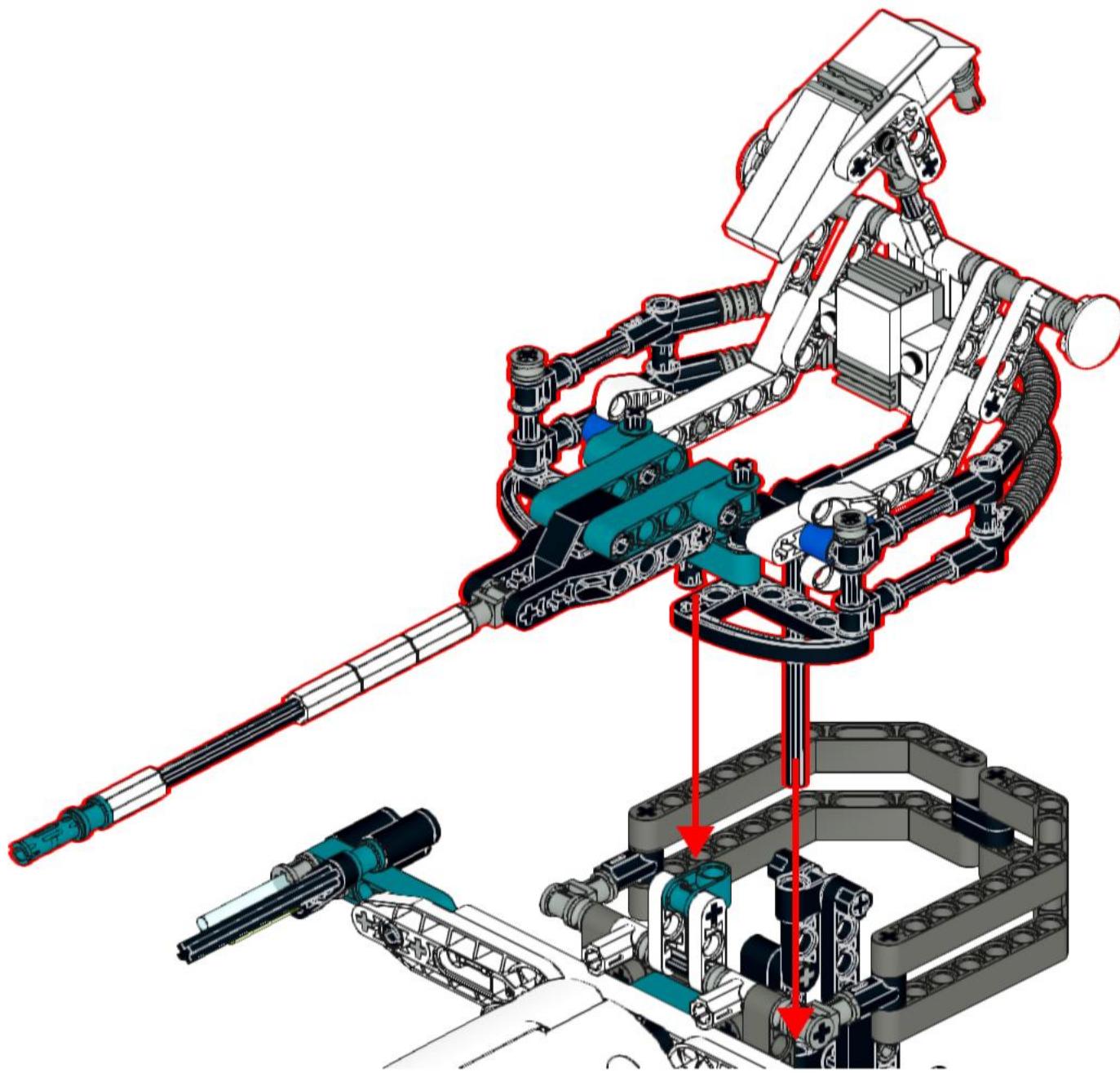
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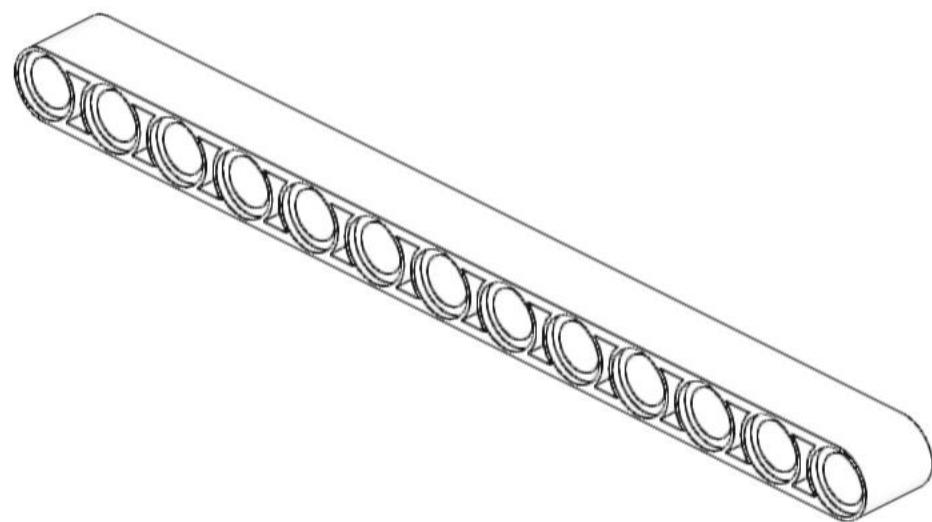
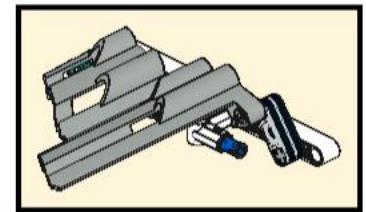
203



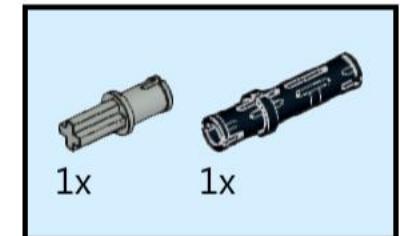
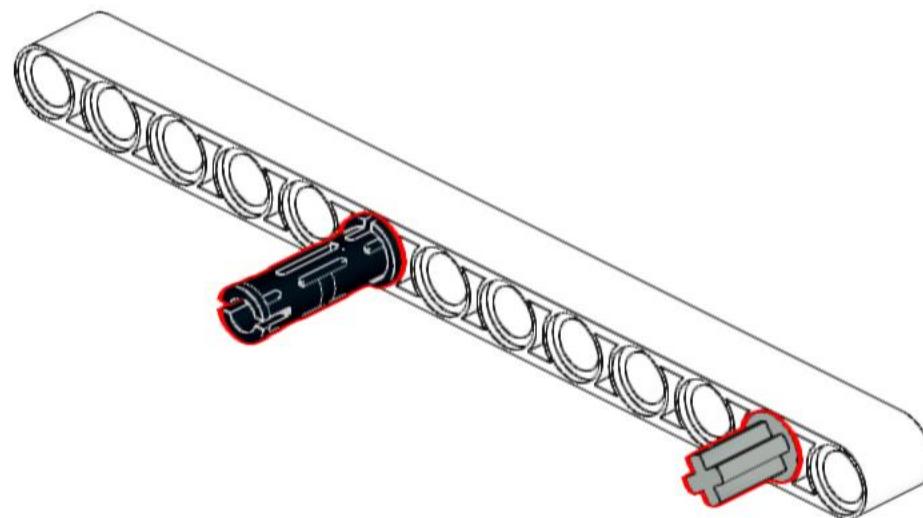
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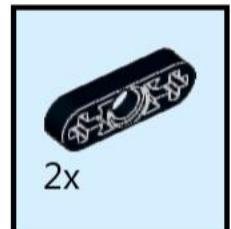
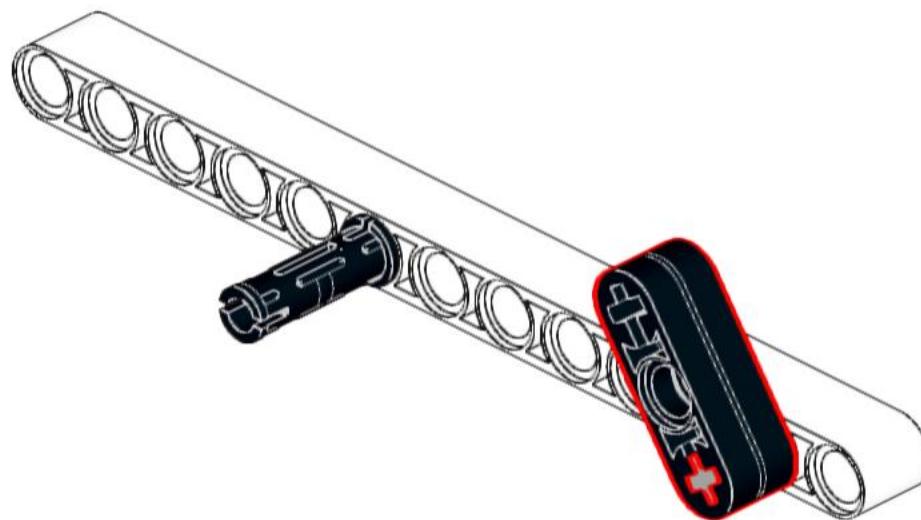
# 205



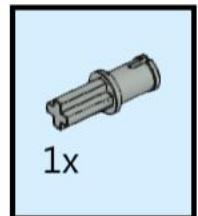
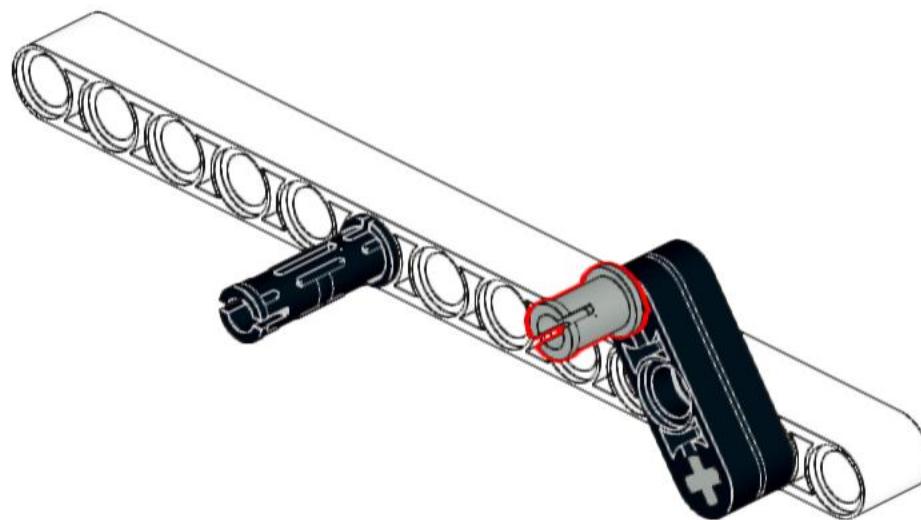
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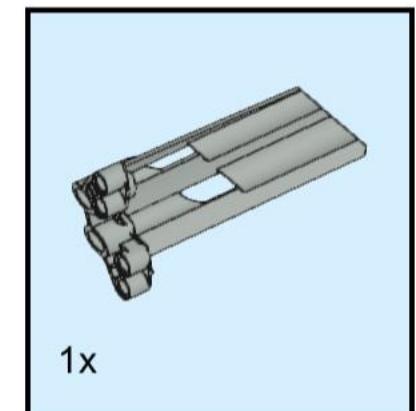
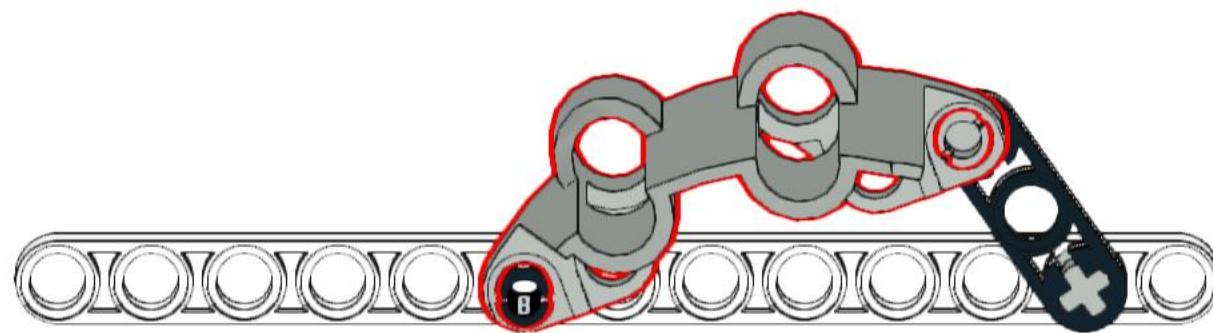
**207**



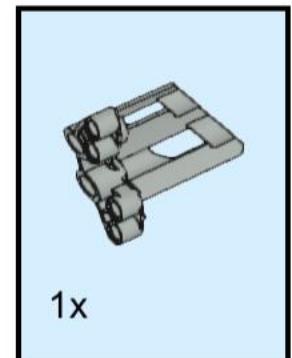
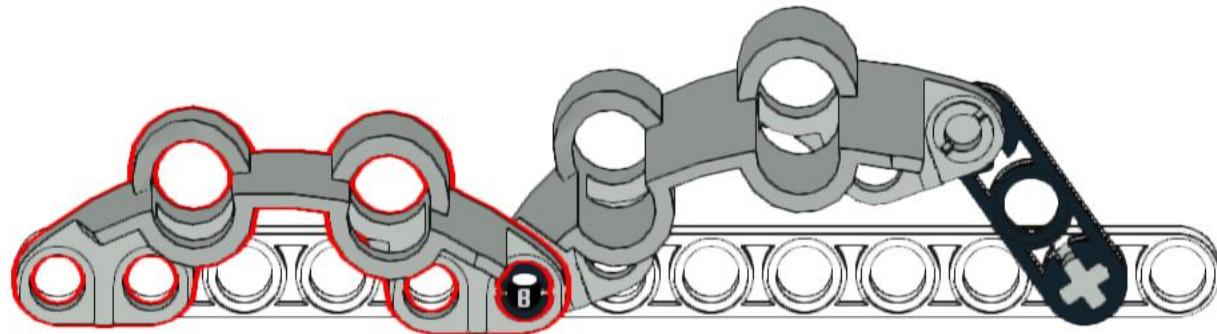
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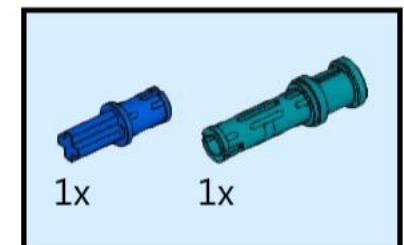
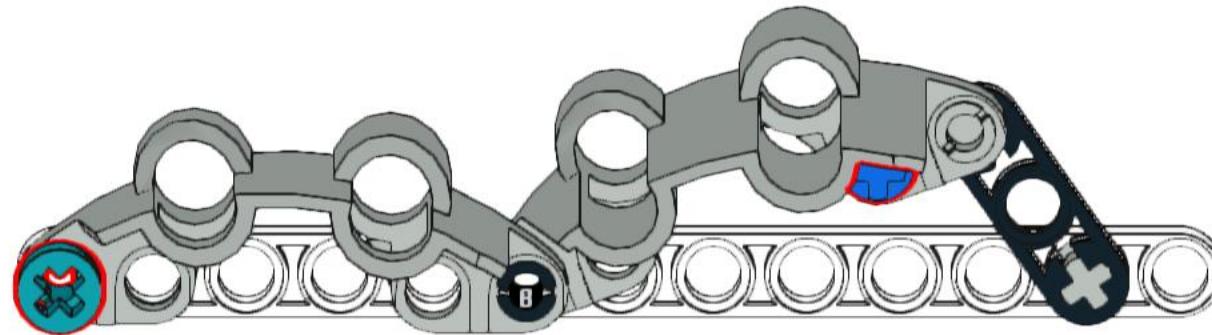
# 209



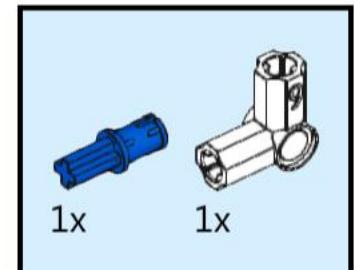
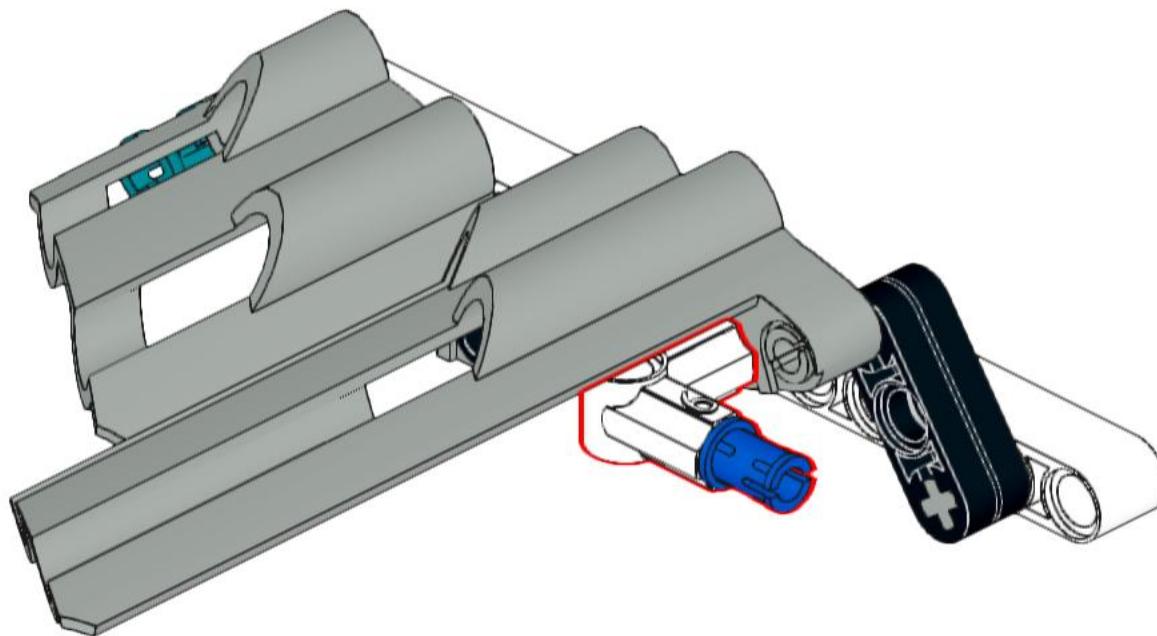
# 210



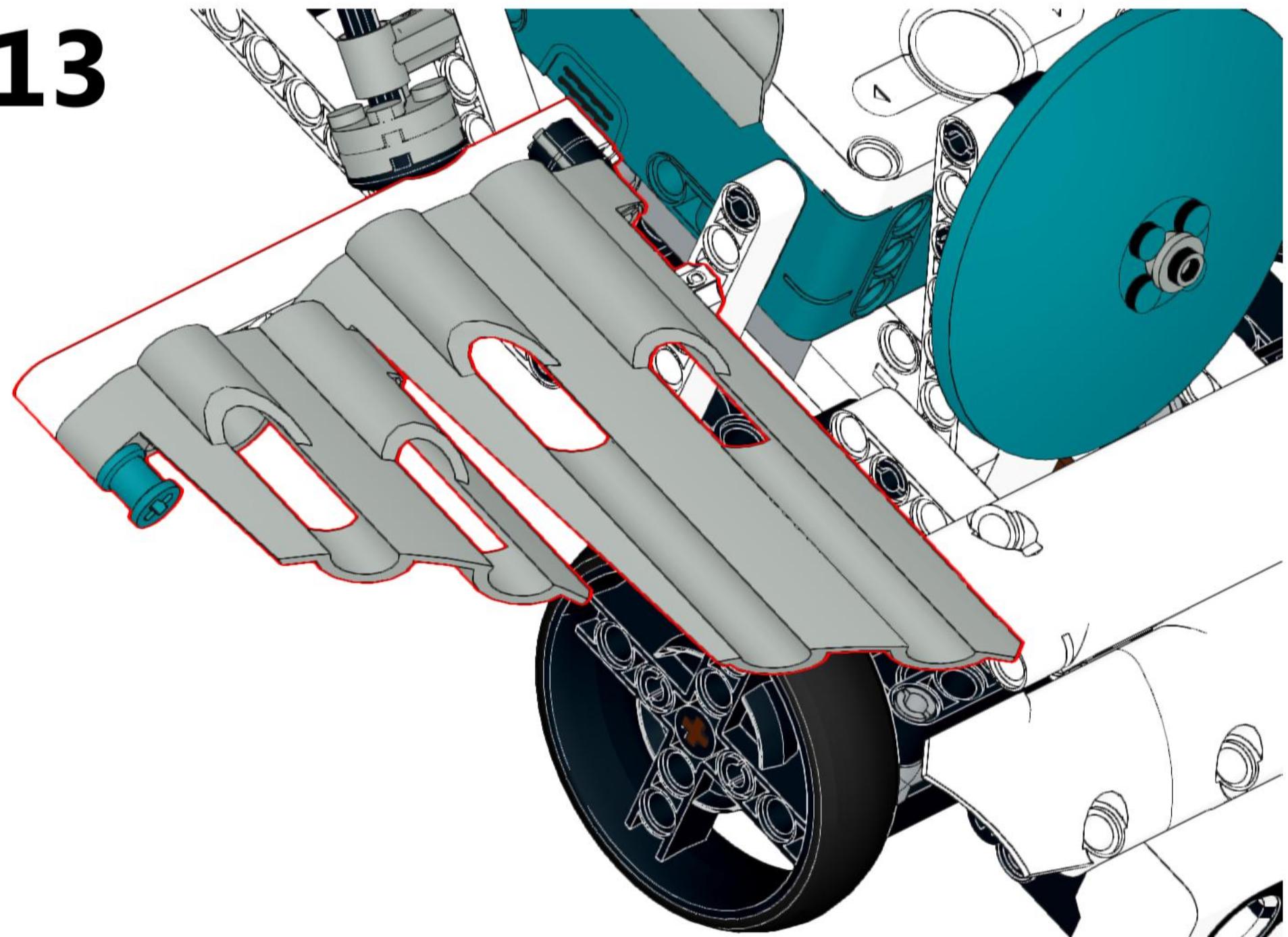
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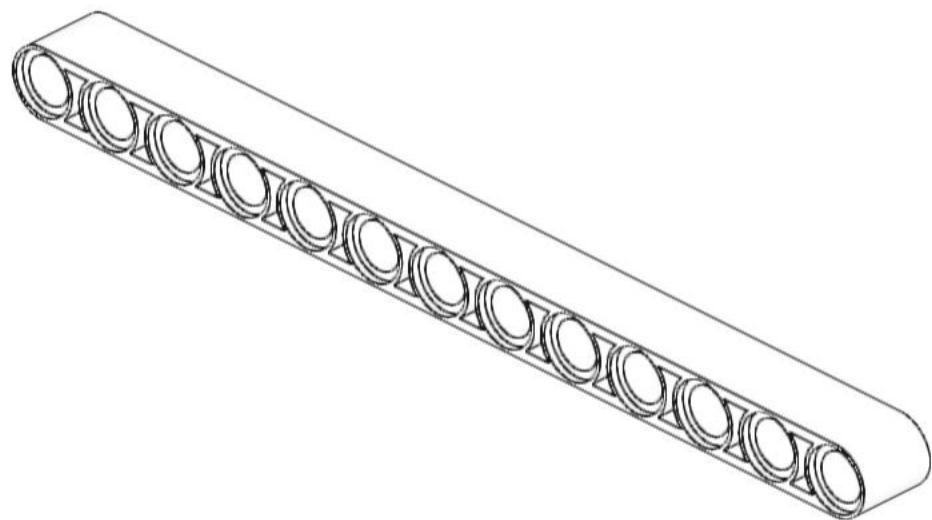
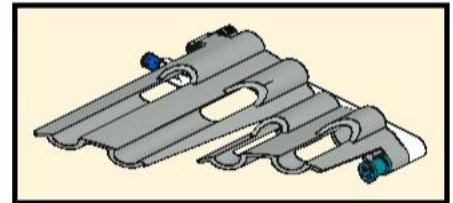
# 212



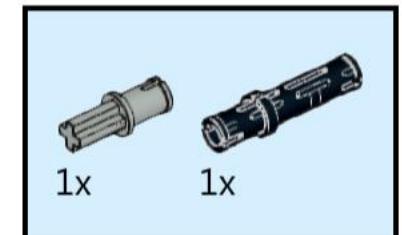
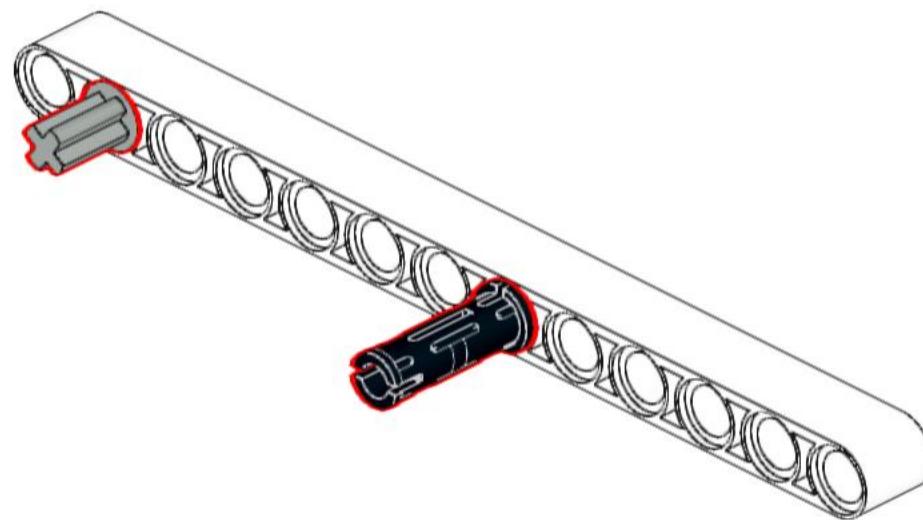
**213**



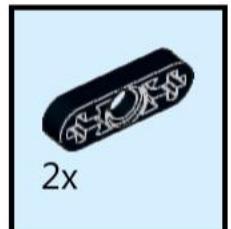
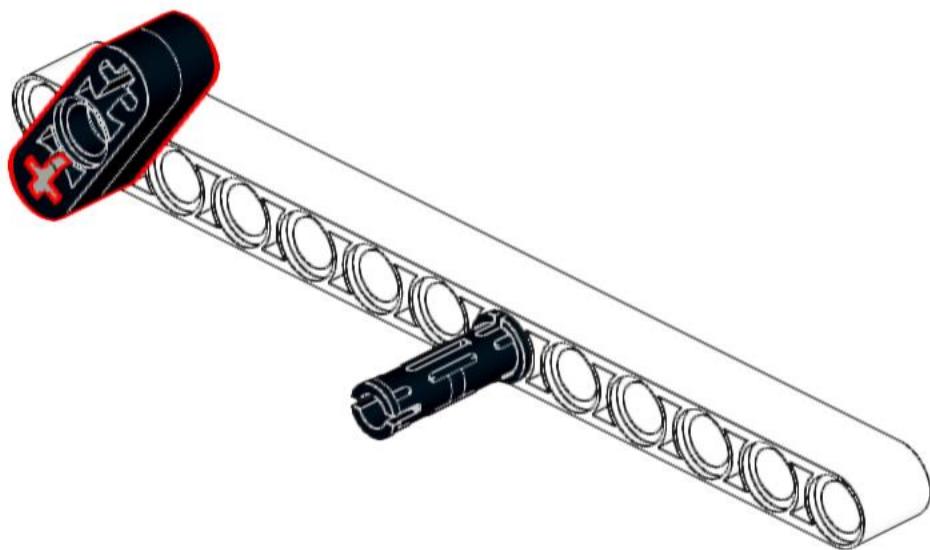
**214**



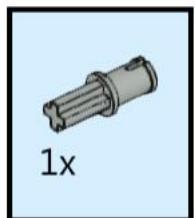
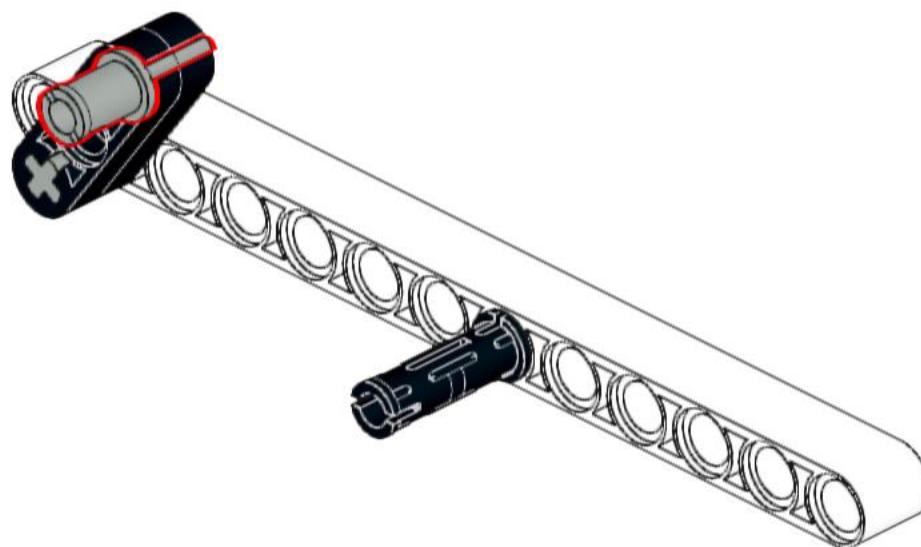
# 215



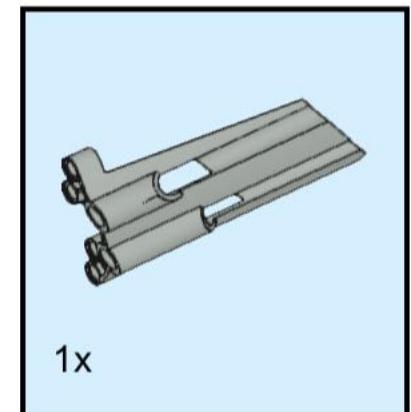
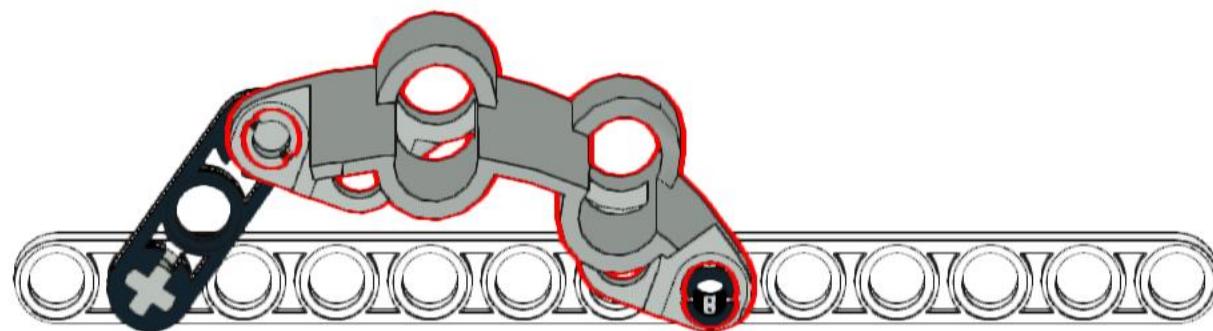
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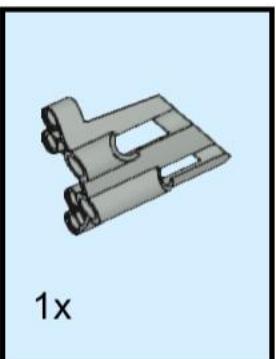
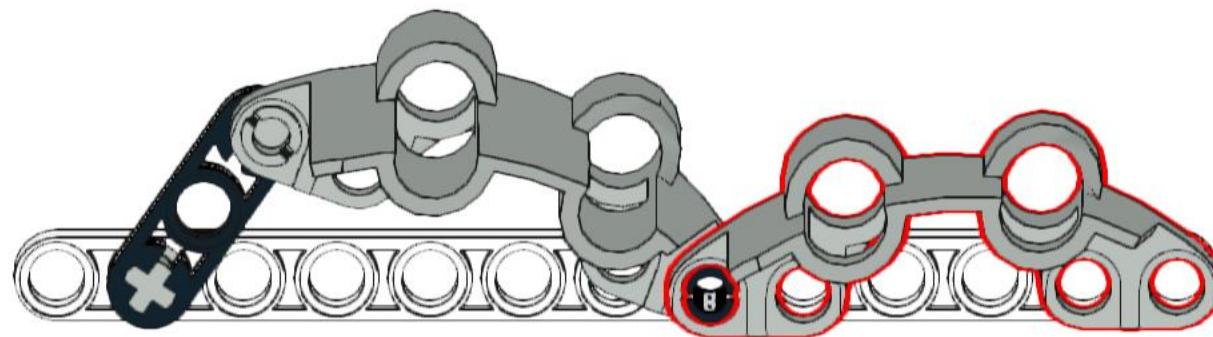
**217**



# 218

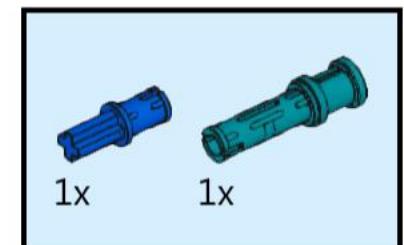
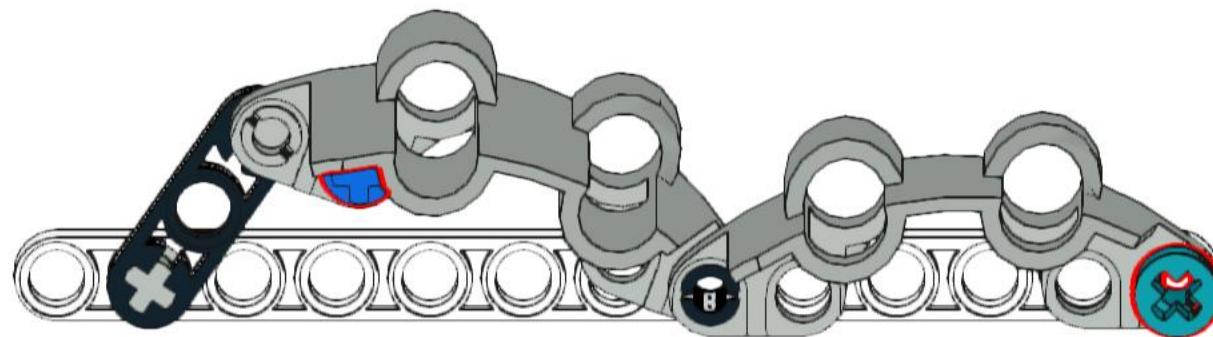


# 219

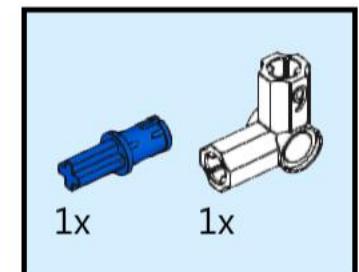
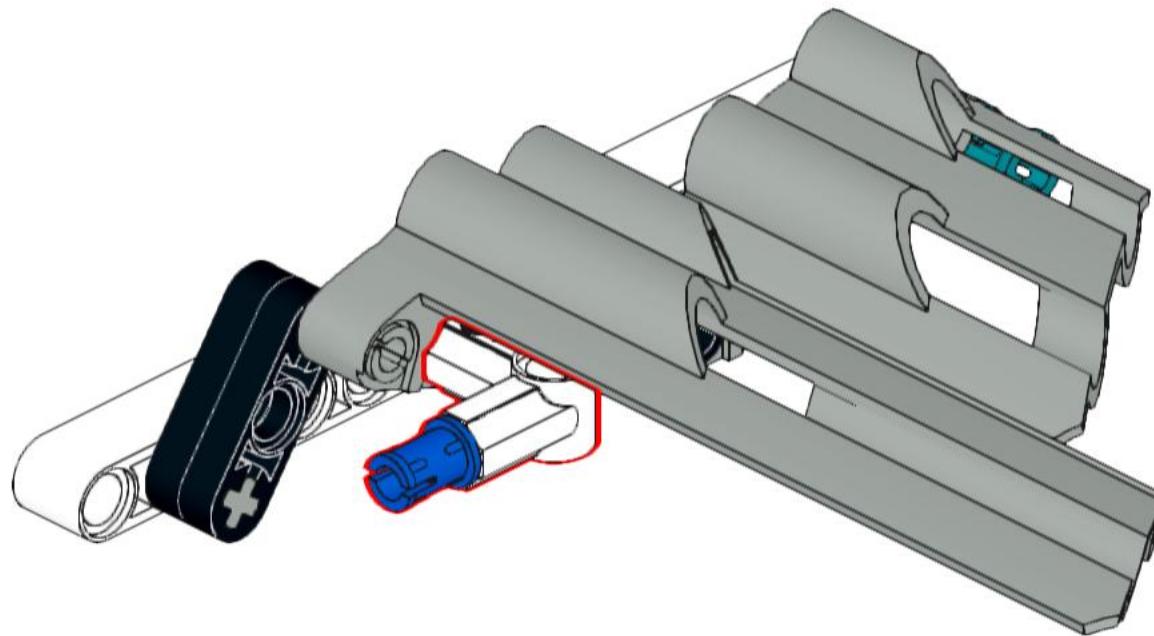


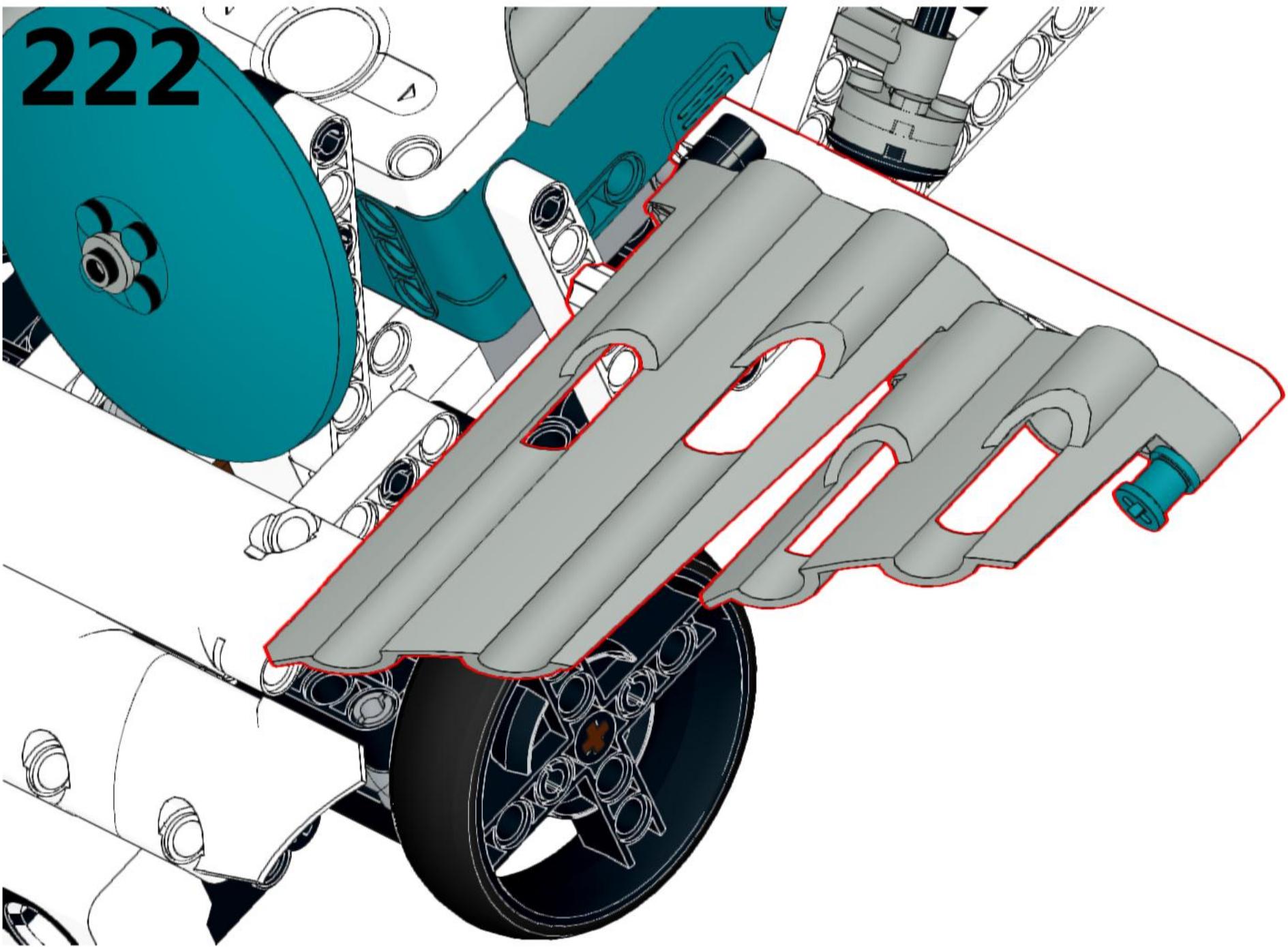
1x

# 220

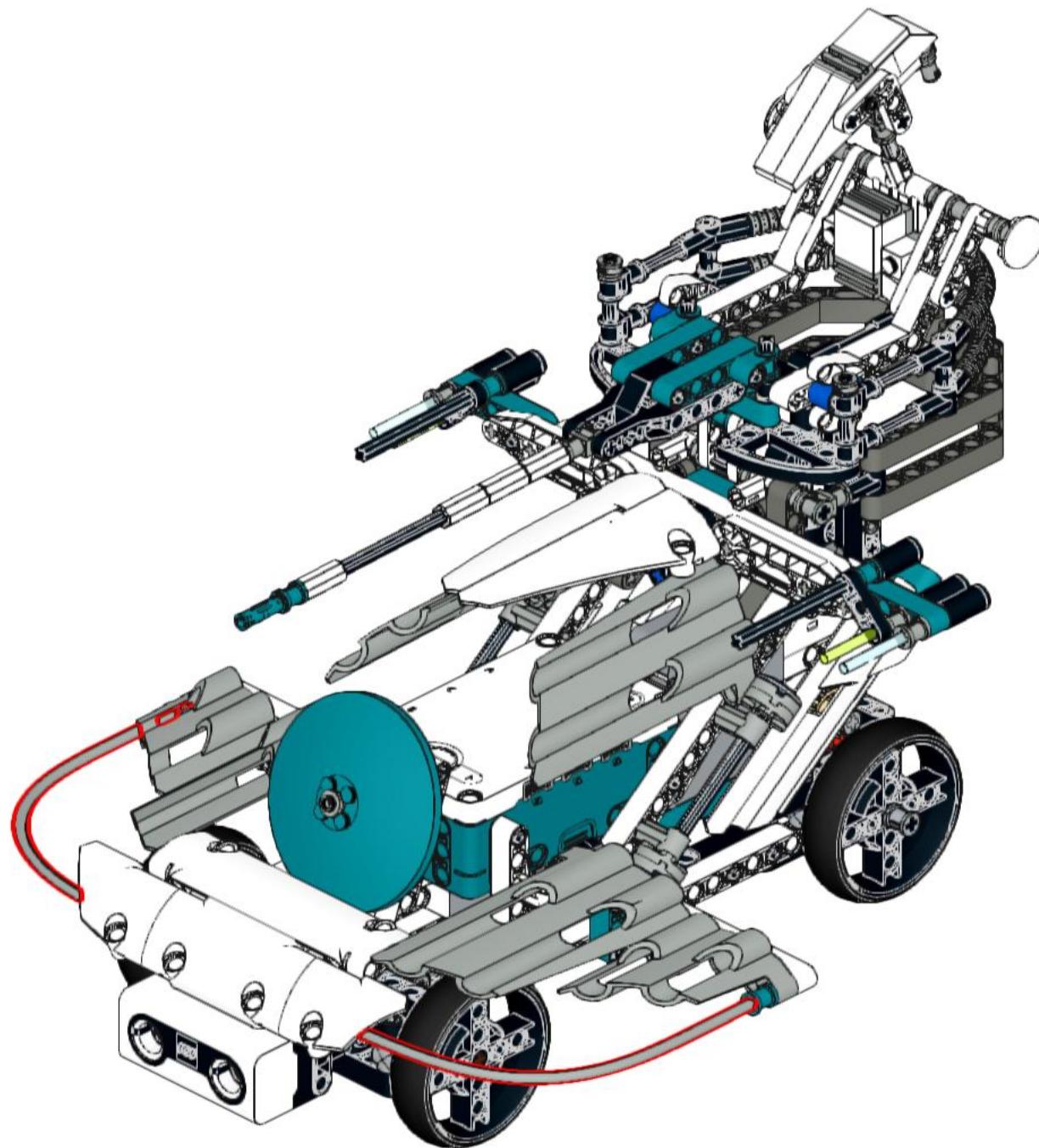


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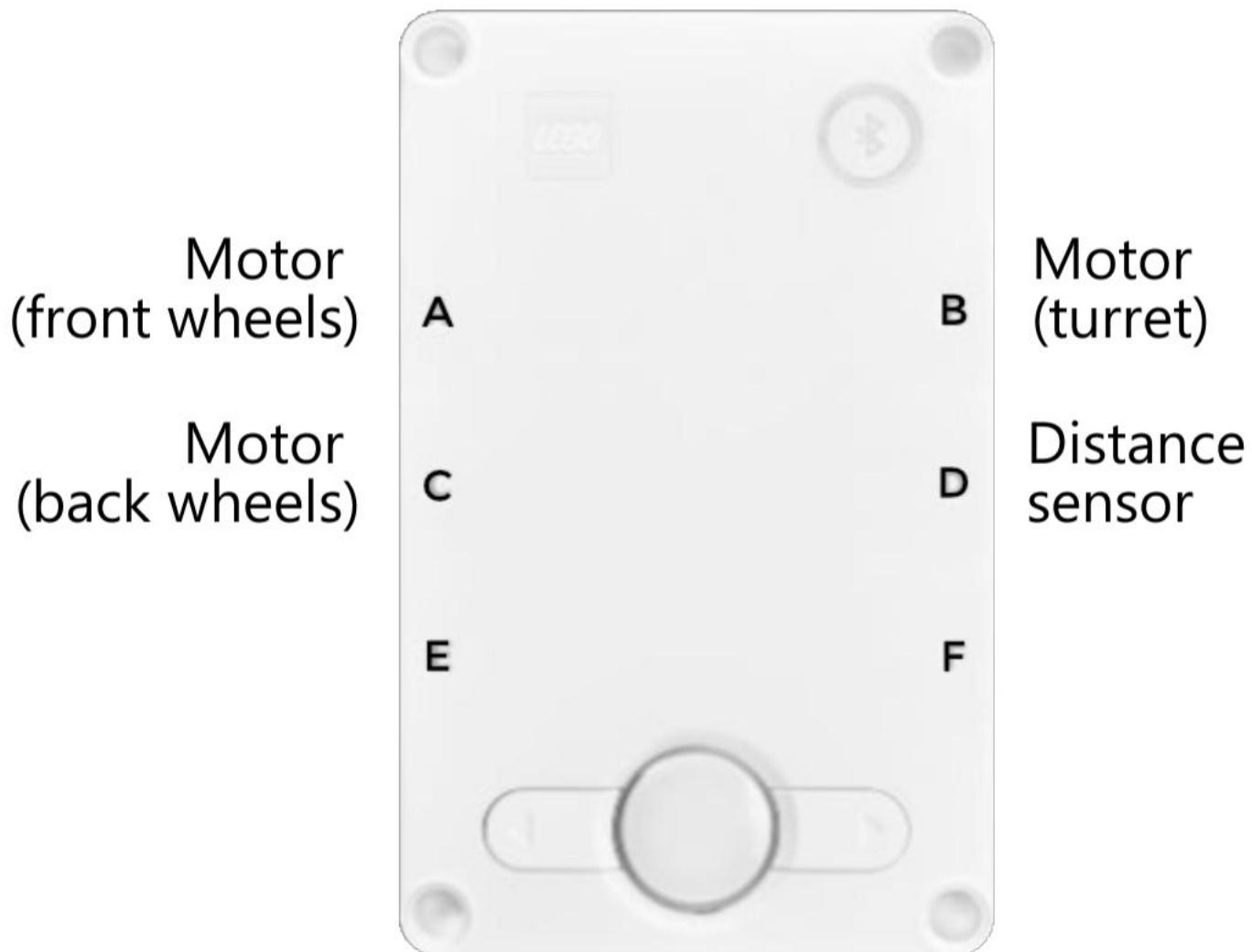


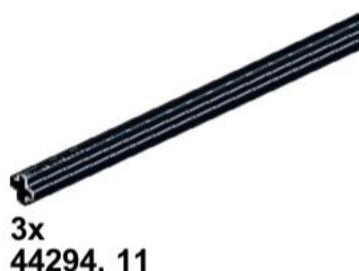
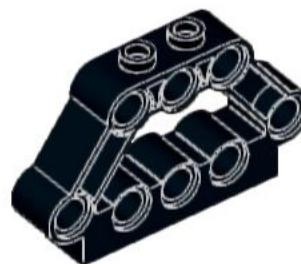
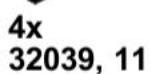
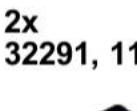
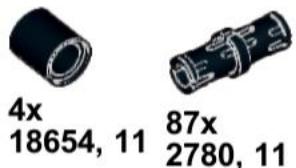


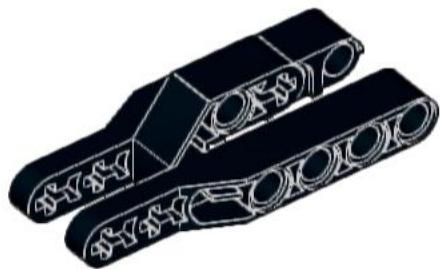
223



# Hub configuration







1x  
32308, 11



1x  
3737, 11



4x  
32525, 11



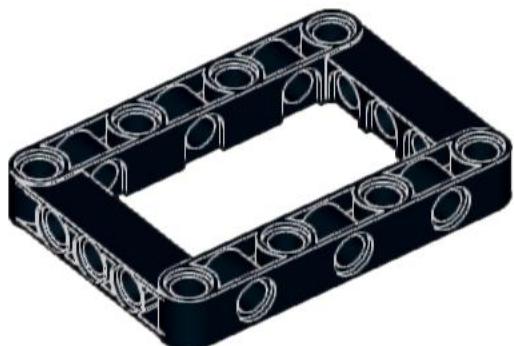
3x  
3707, 11



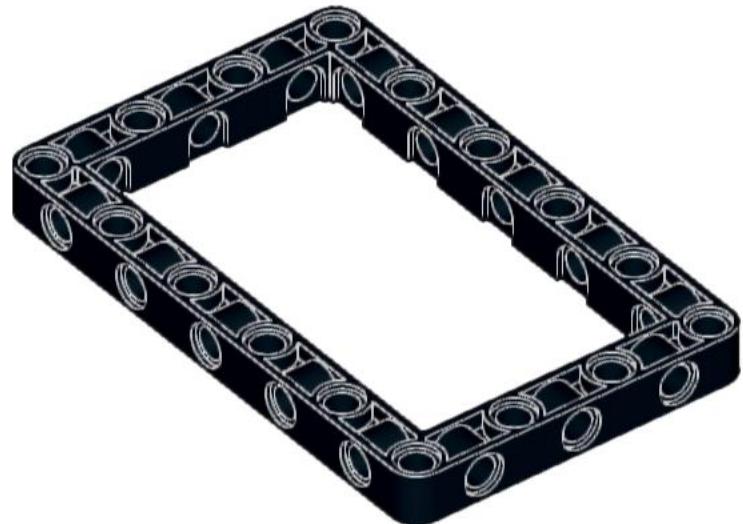
4x  
39367pb02, 11



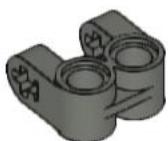
1x  
3708, 11



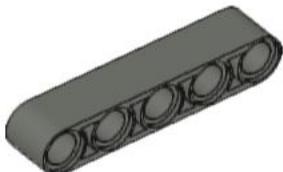
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64179, 11



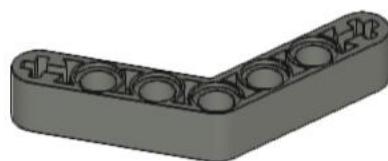
1x  
39794, 11



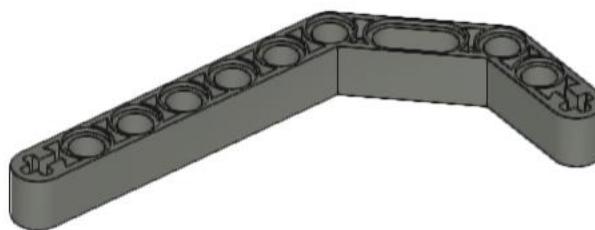
2x  
41678, 85



1x  
32316, 85



2x  
32348, 85



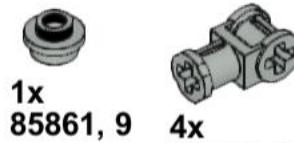
4x  
32009, 85



11x  
4265c, 9



4x  
4073, 9



1x  
85861, 9



4x  
32039, 9



12x  
4274, 9



4x  
32013, 9



4x  
3713, 9



2x  
2412b, 9



2x  
6536, 9



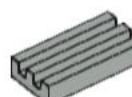
8x  
4032, 9



1x  
3023, 9



1x  
2412a, 9



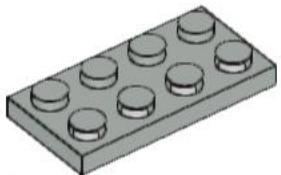
4x  
32054, 9



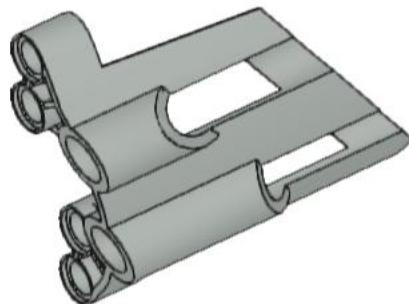
24x  
3749, 9



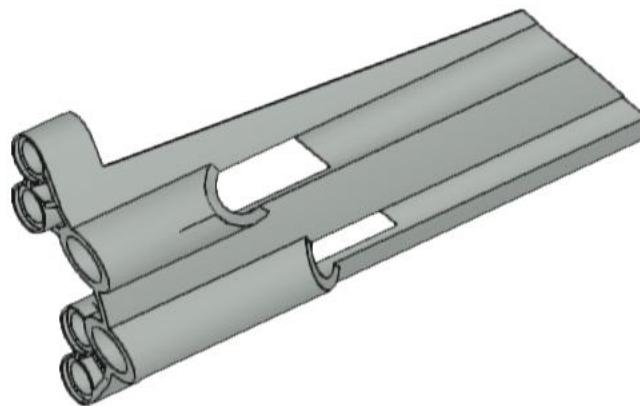
**1x**  
**2476, 9**



**1x**  
**4757, 9**



**1x**  
**32191, 9**



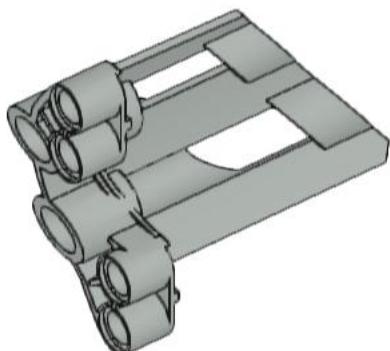
**2x**  
**32189, 9**



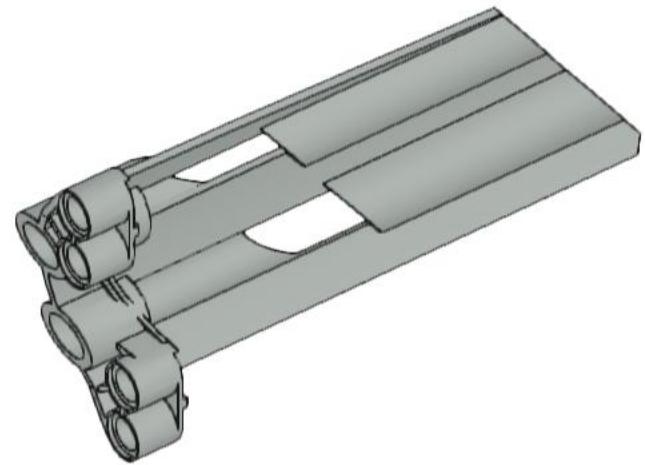
**1x**



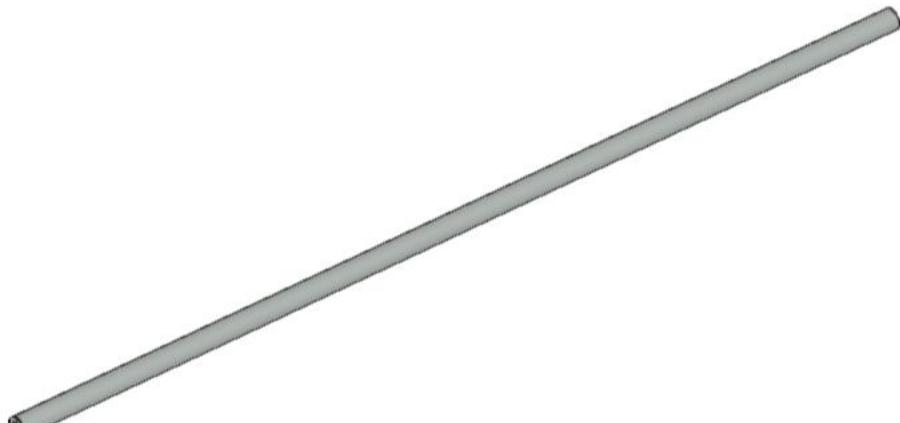
**4x**  
**78c07, 9**



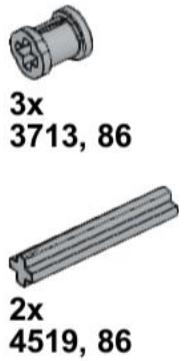
**1x**  
**32190, 9**



2x  
32188, 9



2x  
75c18, 9

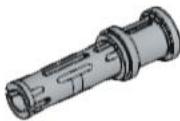


3x  
3713, 86

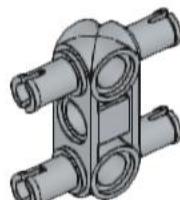
2x  
4519, 86



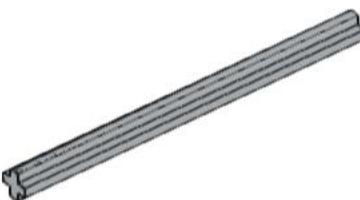
1x  
32184, 86



4x  
32054, 86



4x  
48989, 86



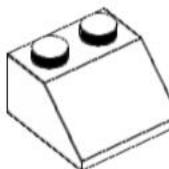
1x  
44294, 86



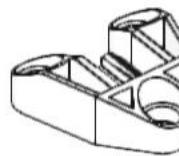
4x  
32013, 1



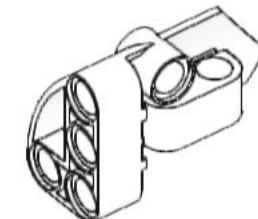
2x  
2654, 1



2x  
3039, 1



2x  
32175, 1



1x  
87086, 1



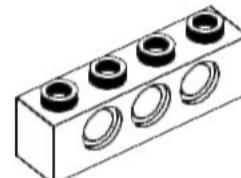
4x  
6538c, 1



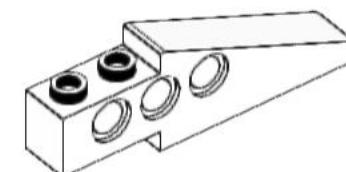
1x  
3068b, 1



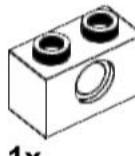
1x  
32016, 1



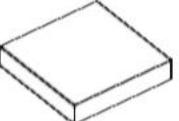
1x  
3701, 1



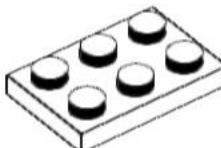
2x  
2744, 1



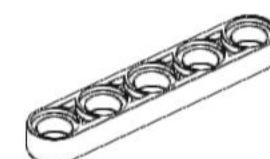
1x  
3700, 1



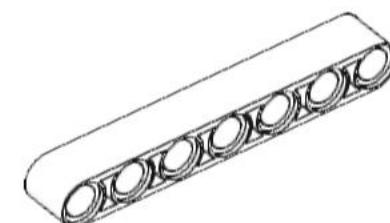
1x  
3068a, 1



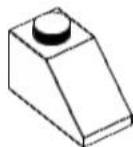
1x  
3021, 1



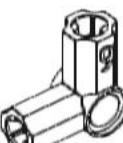
2x  
32017, 1



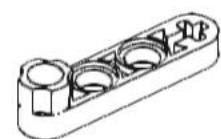
6x  
32524, 1



2x  
3040, 1



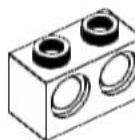
2x  
32014, 1



2x  
2825, 1



1x  
87080, 1



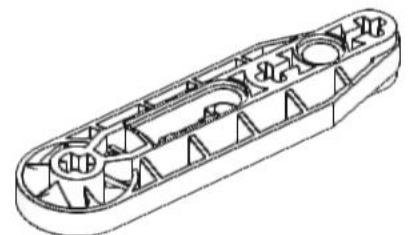
2x  
32000, 1



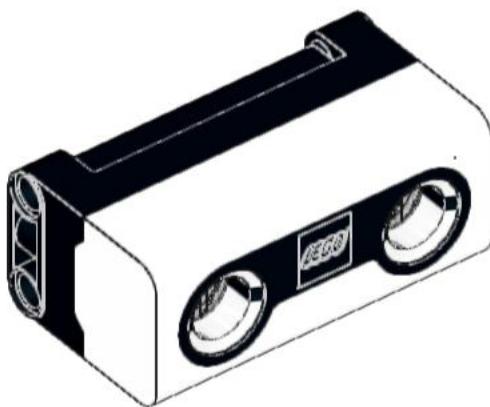
2x  
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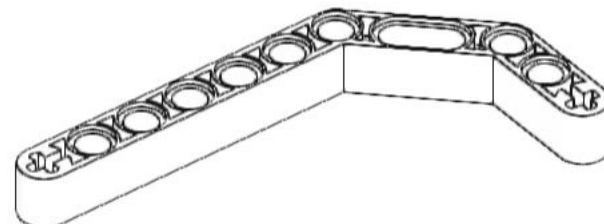
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32056, 1



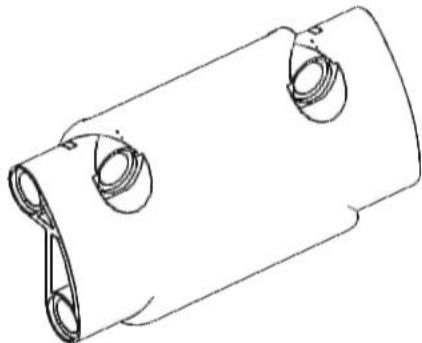
2x  
32177, 1



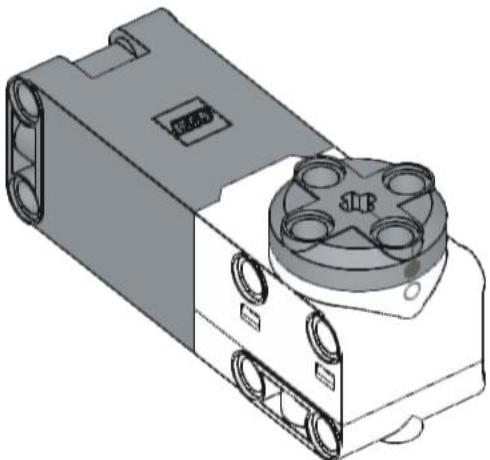
1x



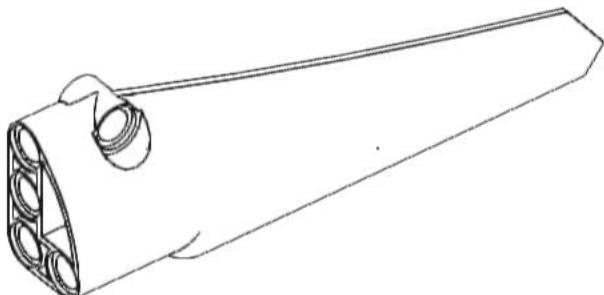
2x  
32009, 1



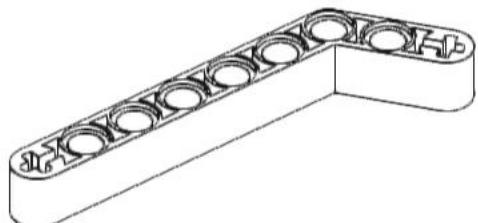
1x  
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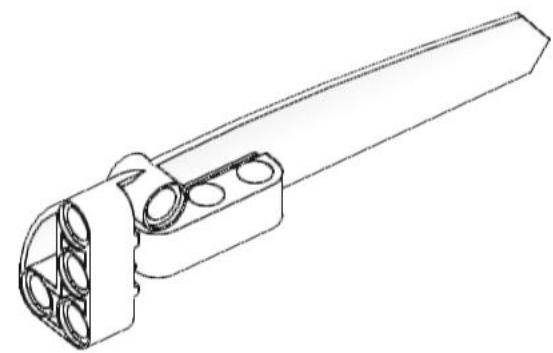
3x



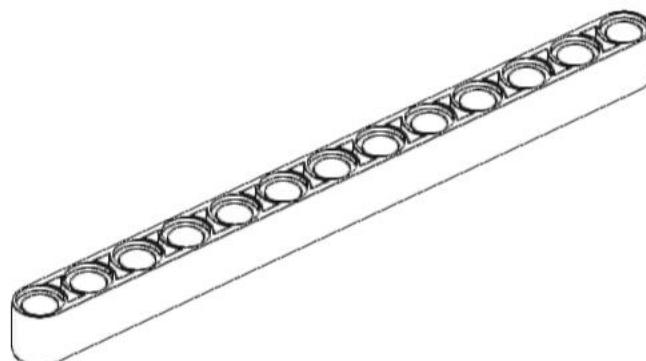
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64681, 1



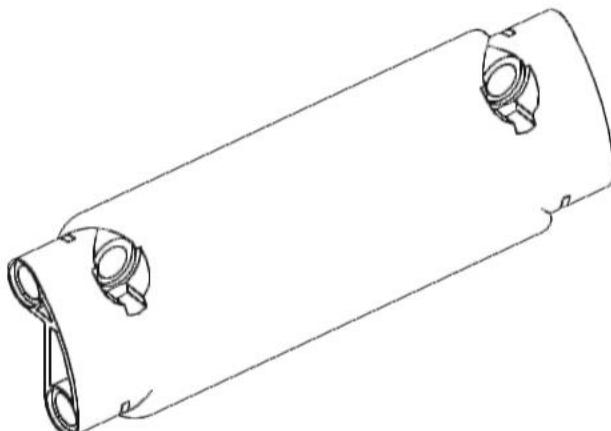
2x  
32271, 1



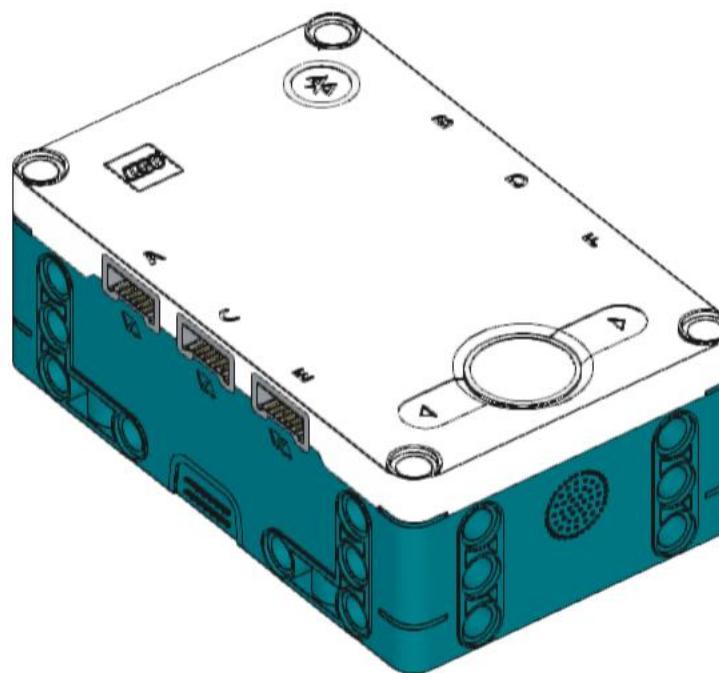
1x  
64393, 1



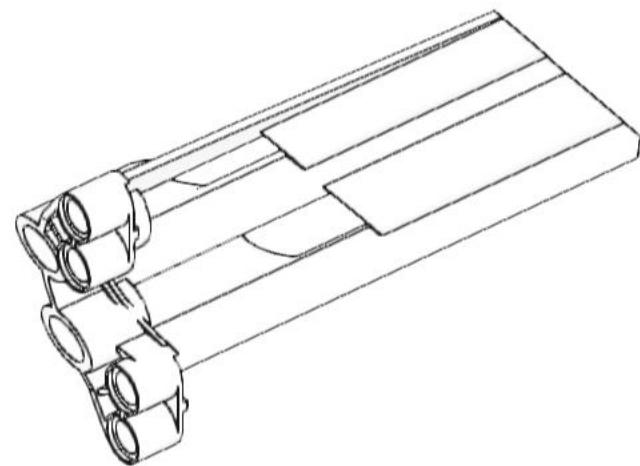
4x  
41239, 1



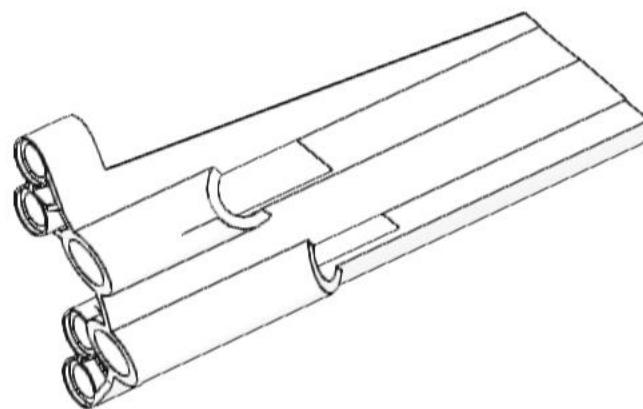
1x  
62531, 1



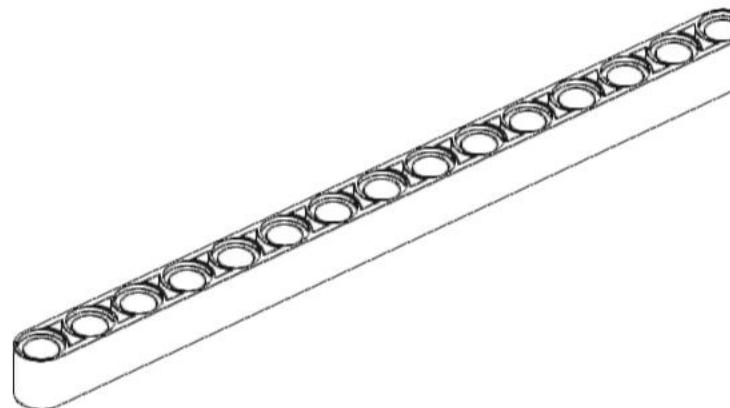
1x



1x  
32188, 1



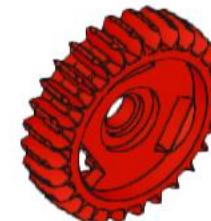
1x  
32189, 1



3x  
32278, 1



2x  
32062, 5



1x



2x  
24316, 88



1x  
15462, 88



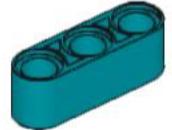
5x  
6589, 2



2x  
32269, 2



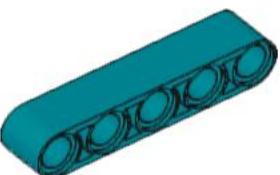
4x  
6536, 39



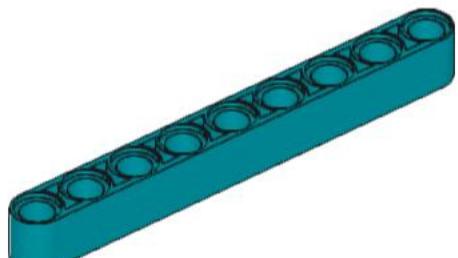
4x  
32523, 39



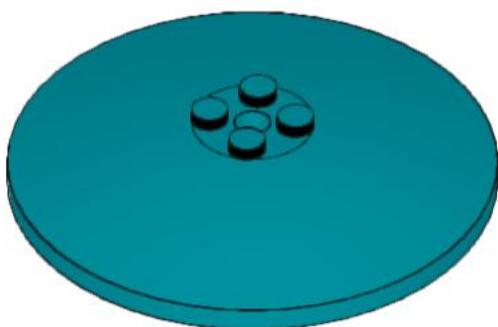
5x  
32054, 39



7x  
32316, 39



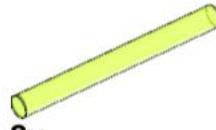
1x  
40490, 39



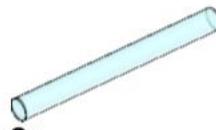
2x  
32013, 7



4x  
6558, 7



2x  
30374, 16



2x  
30374, 12

1x  
3961, 39



18x  
43093, 7



# mindstorms

Instructions to build the AAT MS5.

These were created using BrickLink Studio by Arturo Moncada-Torres (@amoncadatorres)

A complete description of the project (including code for the robot) can be found at <http://arturomoncadatorres.com/aat-ms5>

