



Welcome to...

**ROBOT  
ACADEMY**

# ROBODOG



## Build Guide



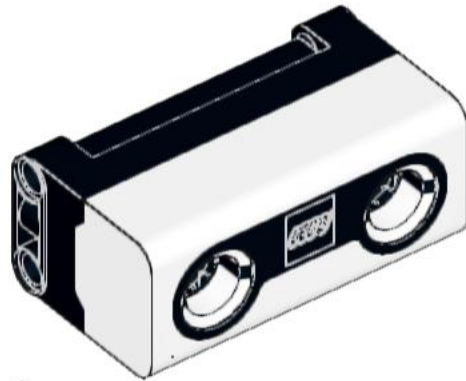
**RAISING  
ROBOTS**  
raisingrobots.com



4x  
45590  
Black



2x  
60484  
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37316c01  
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8x  
3713  
Light Bluish Gray



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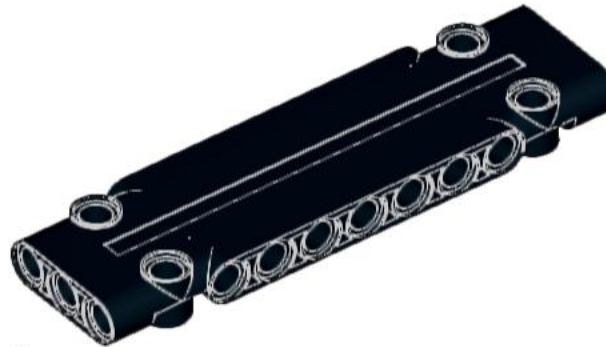
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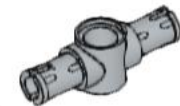
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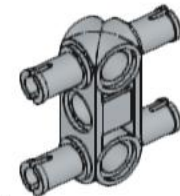
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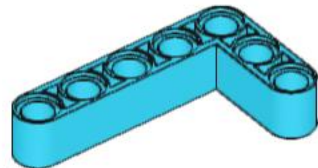
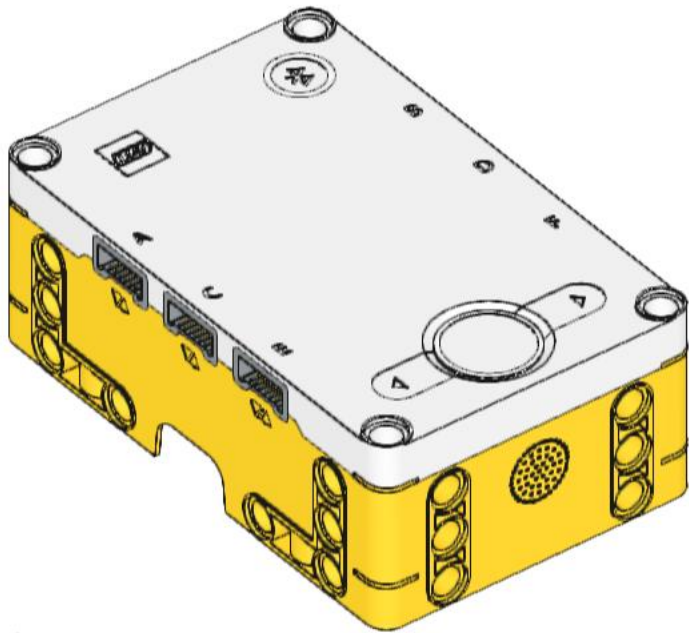


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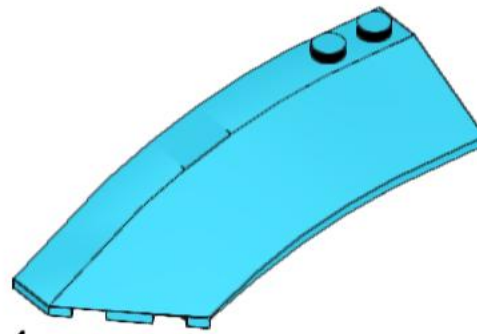


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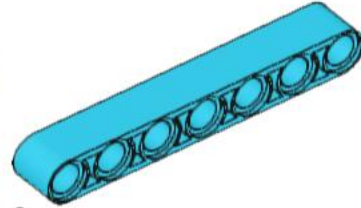




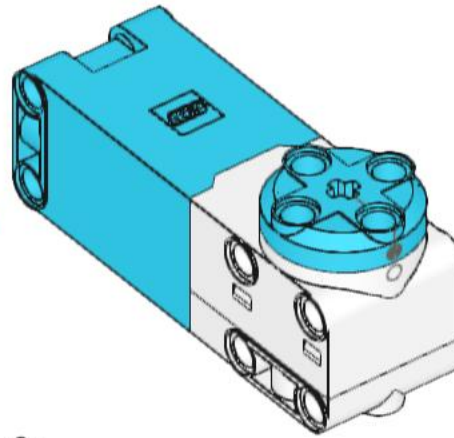
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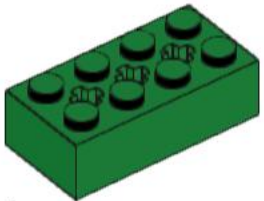


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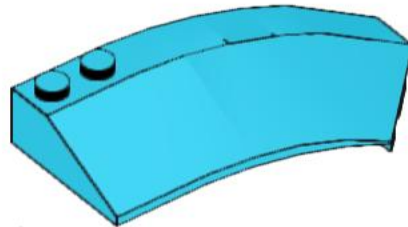


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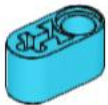
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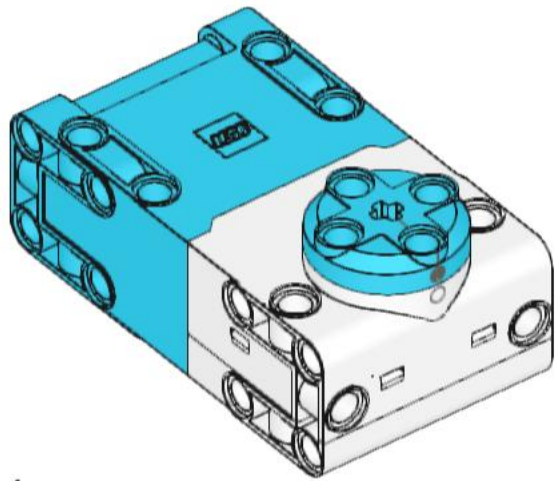
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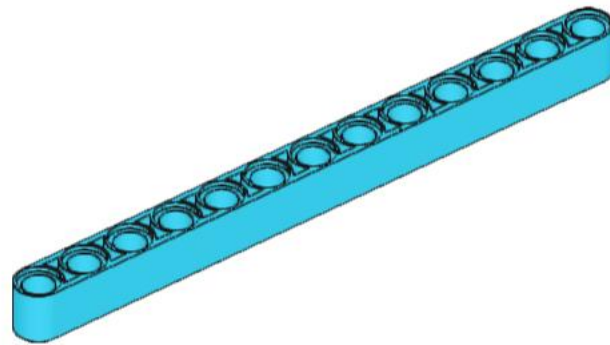
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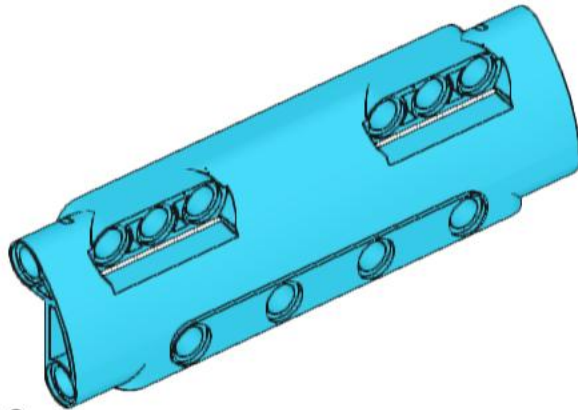
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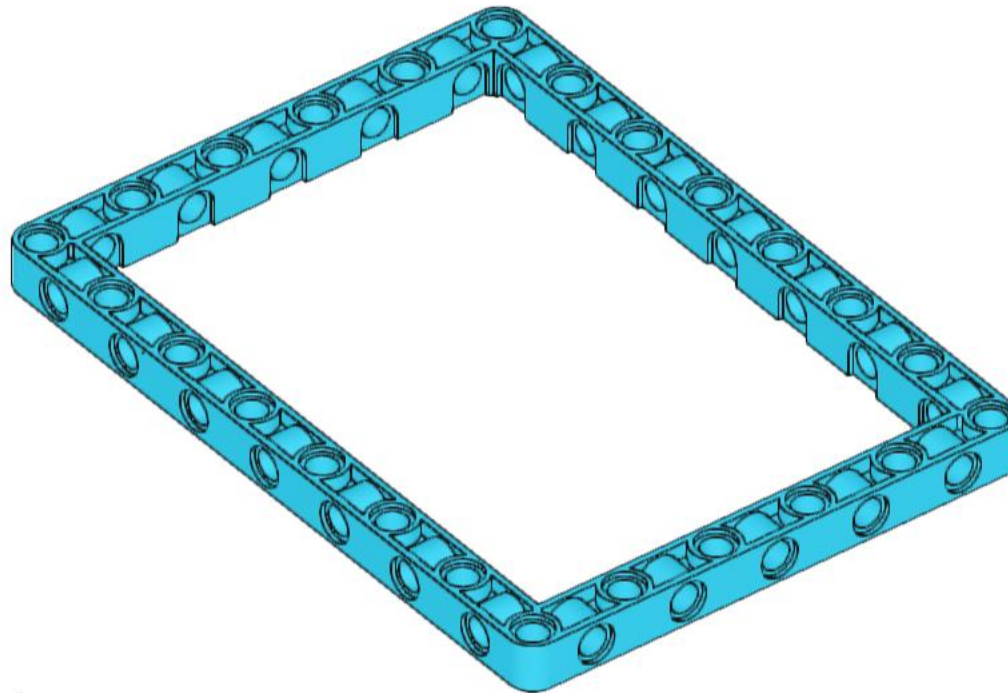
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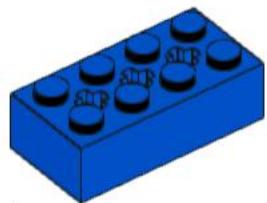
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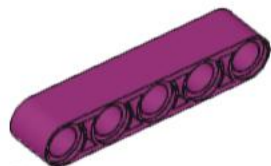
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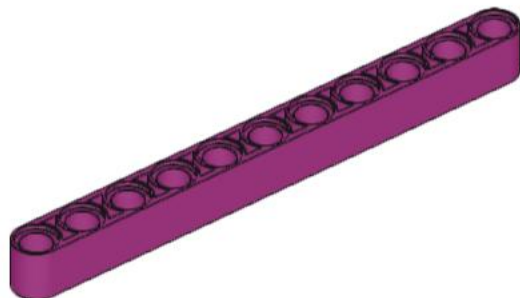
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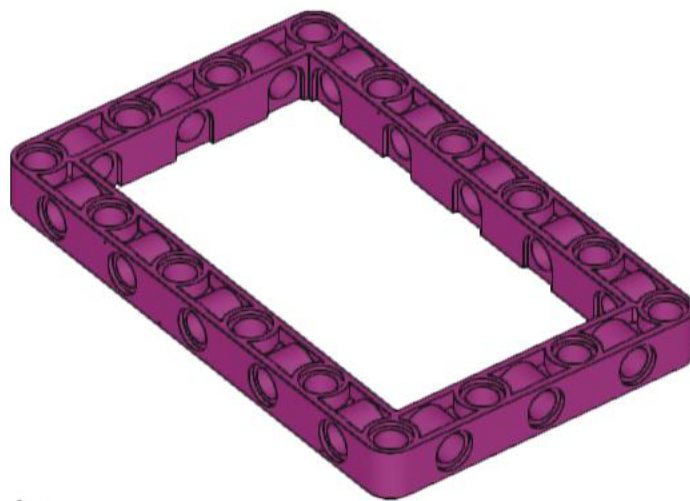
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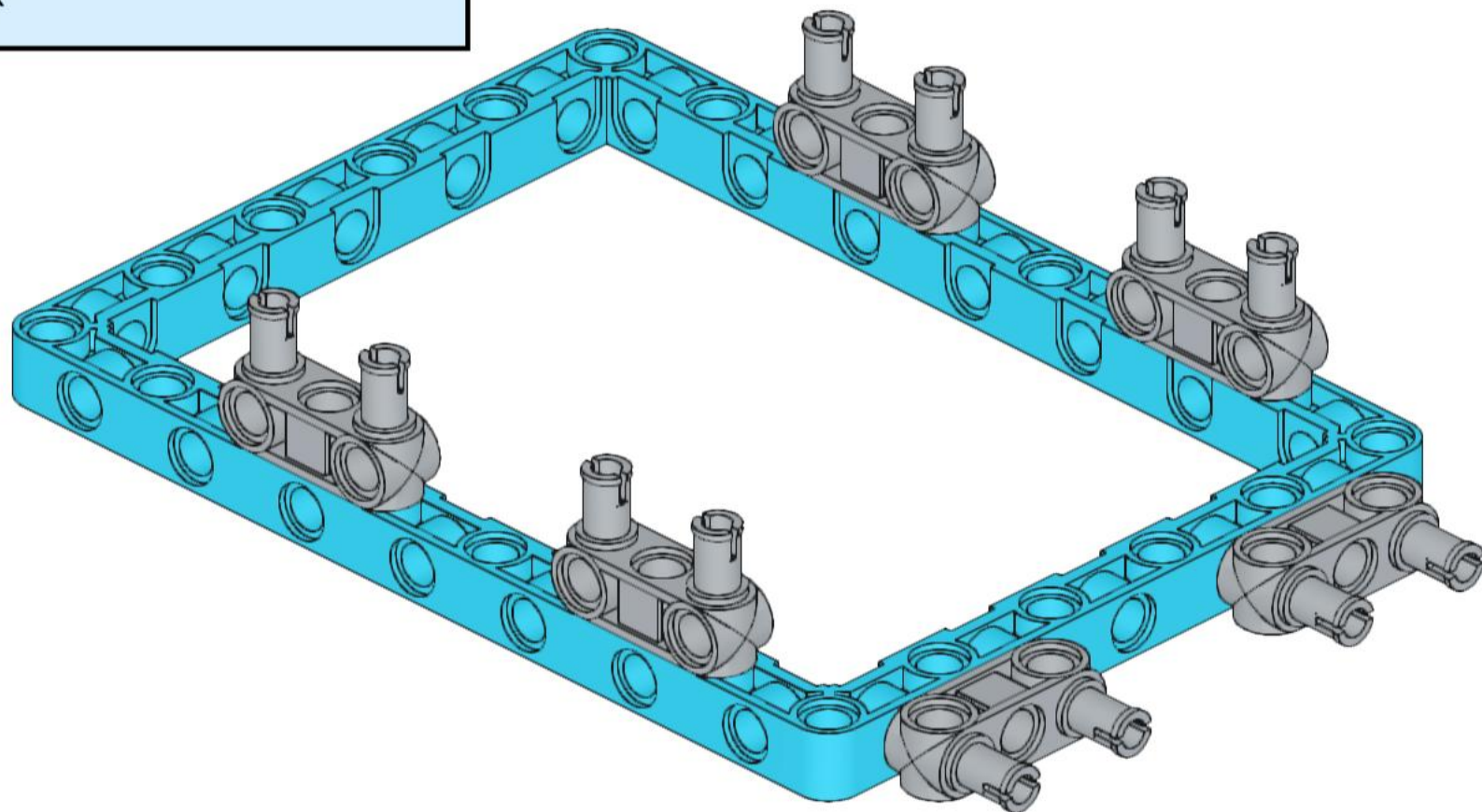
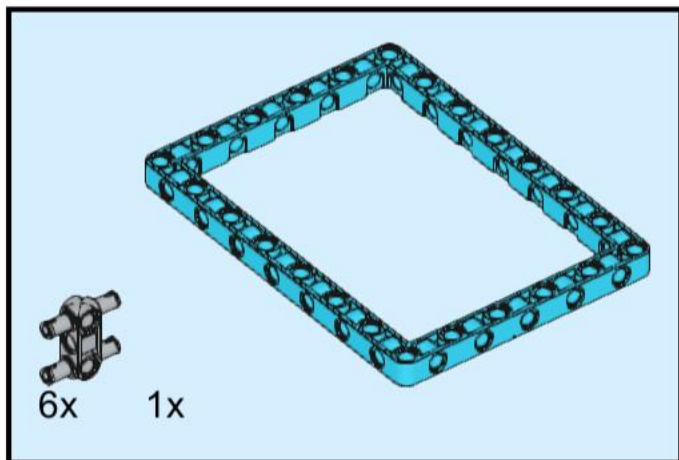


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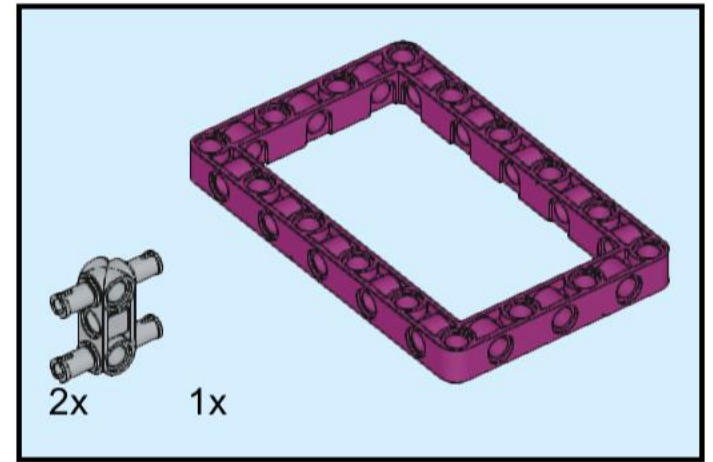
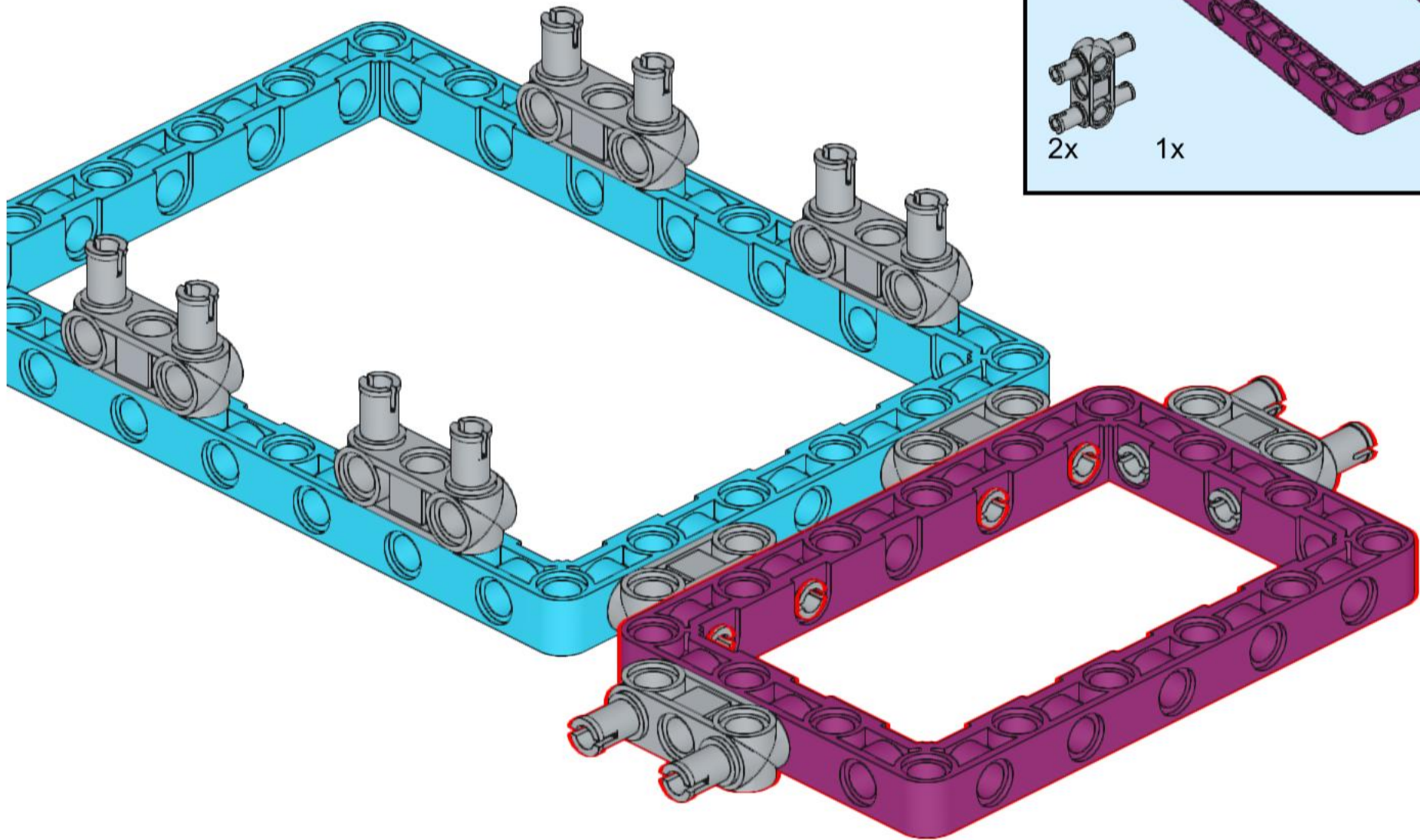


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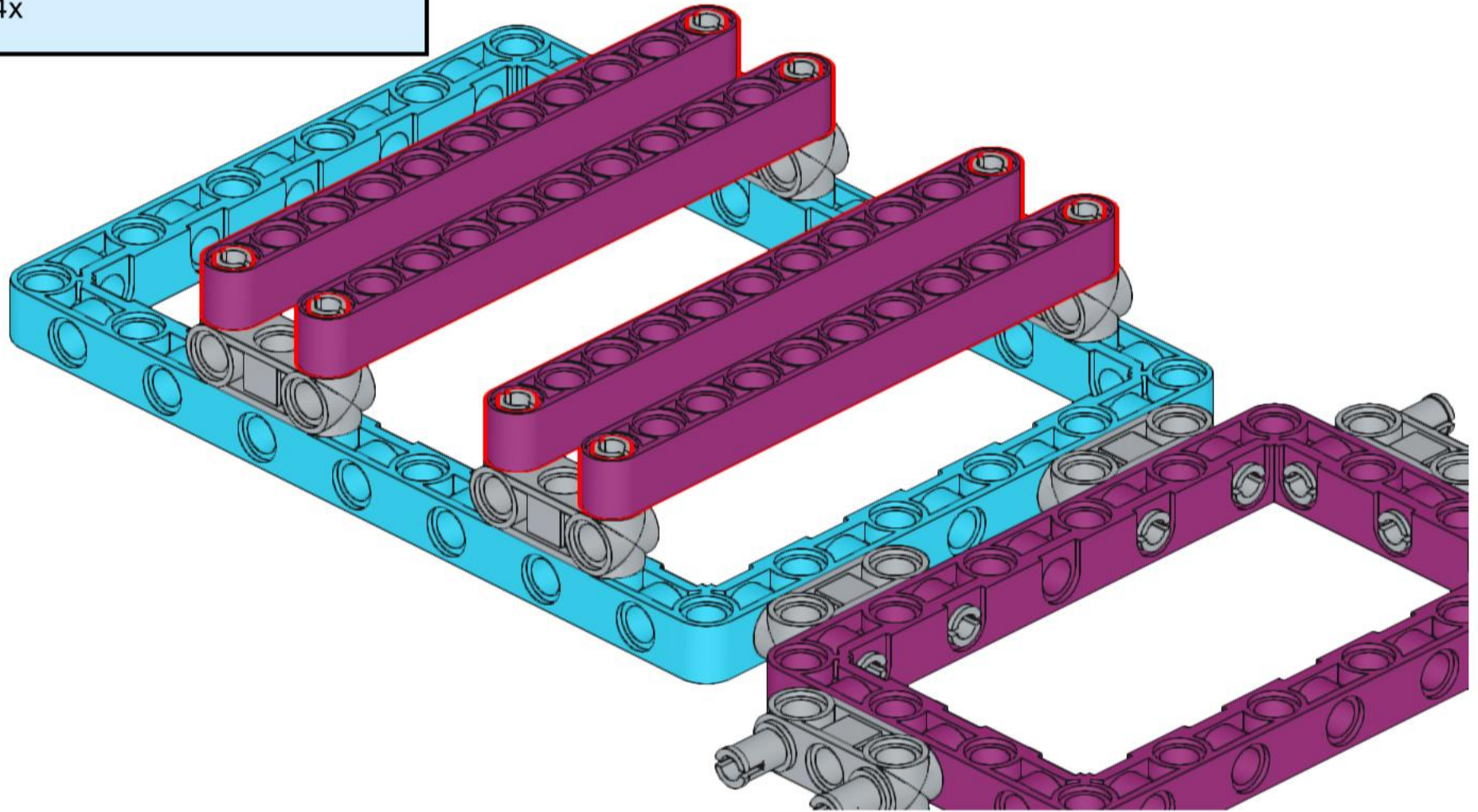
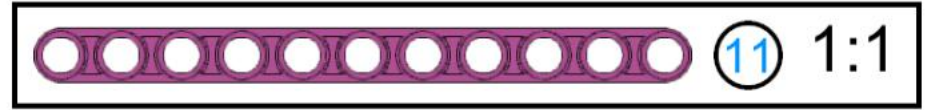
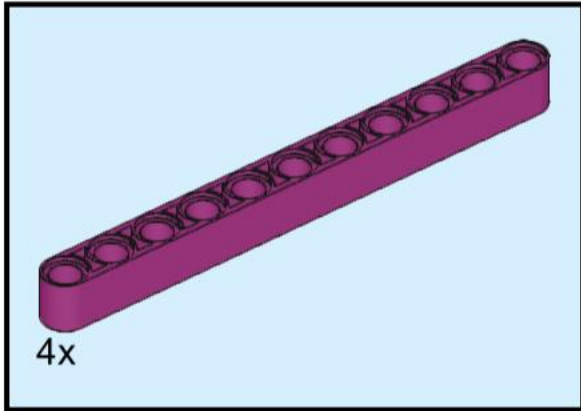
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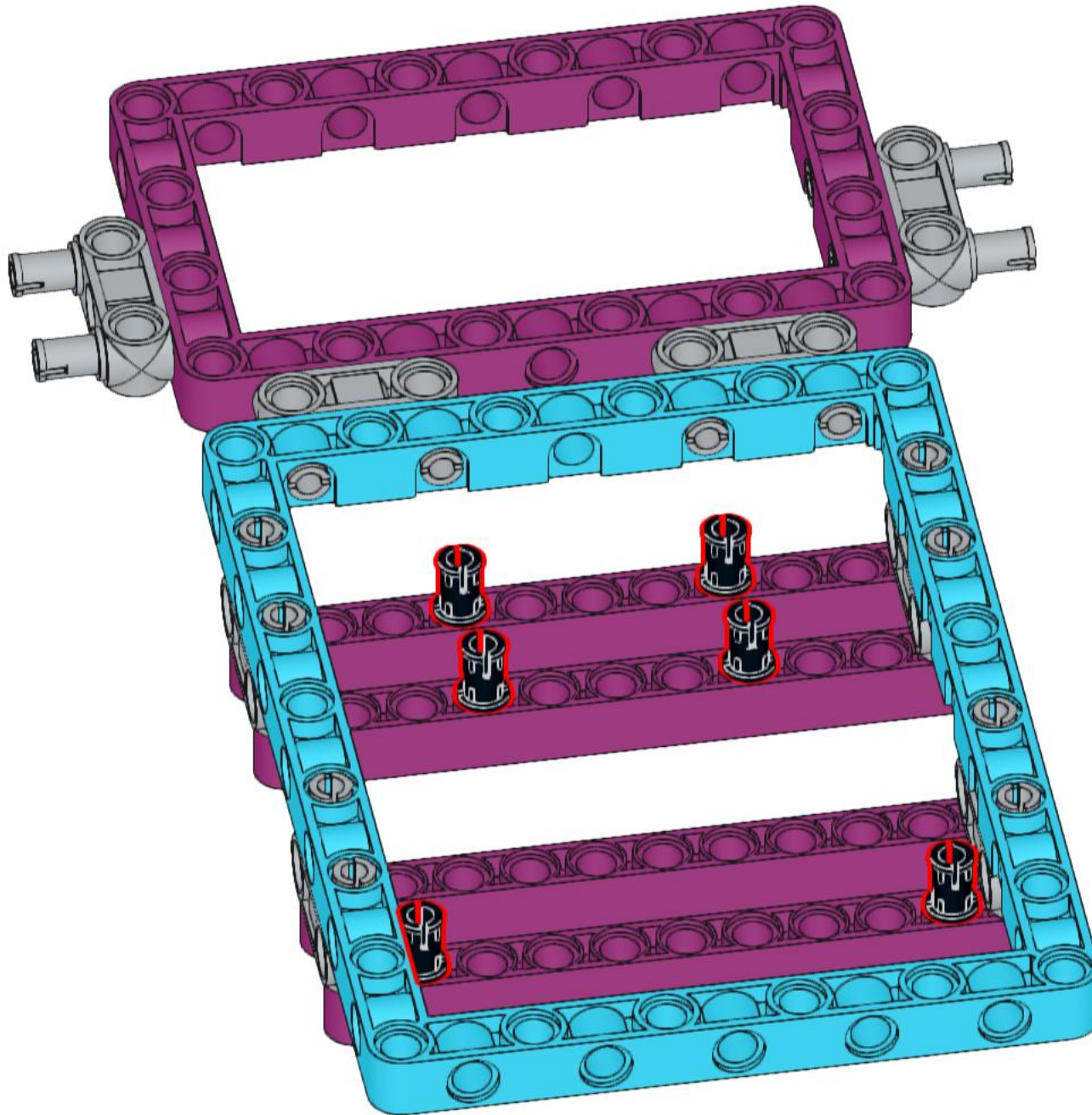
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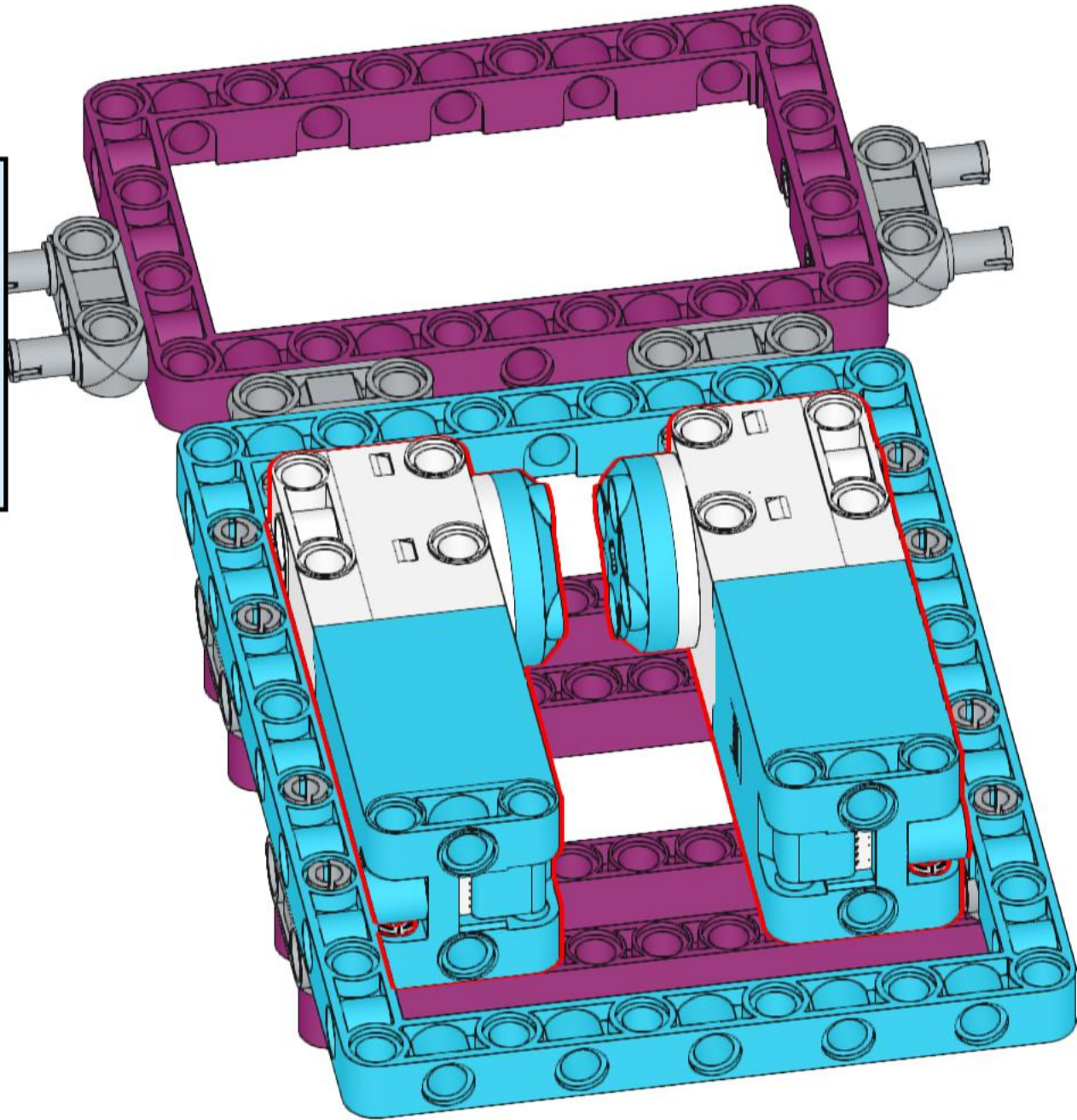
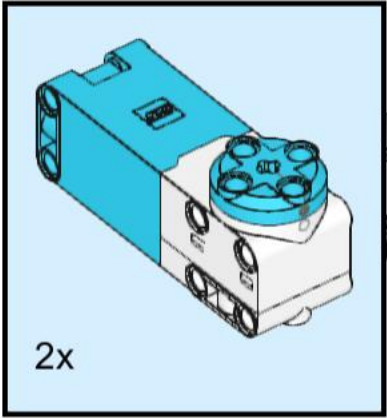
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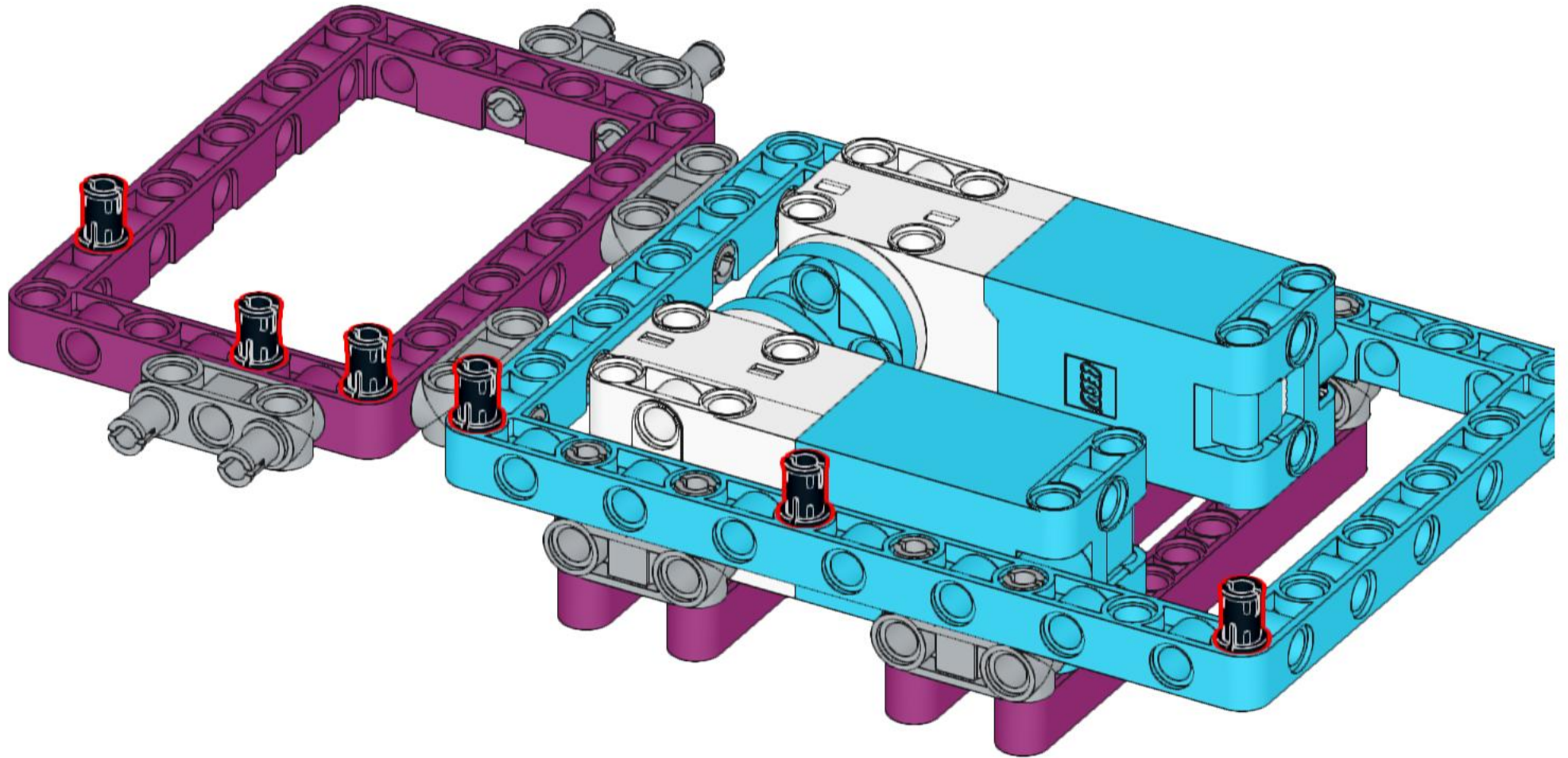
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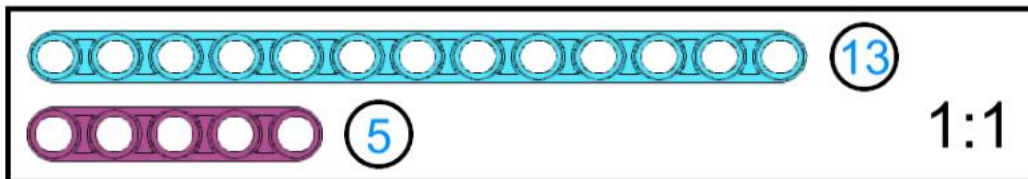
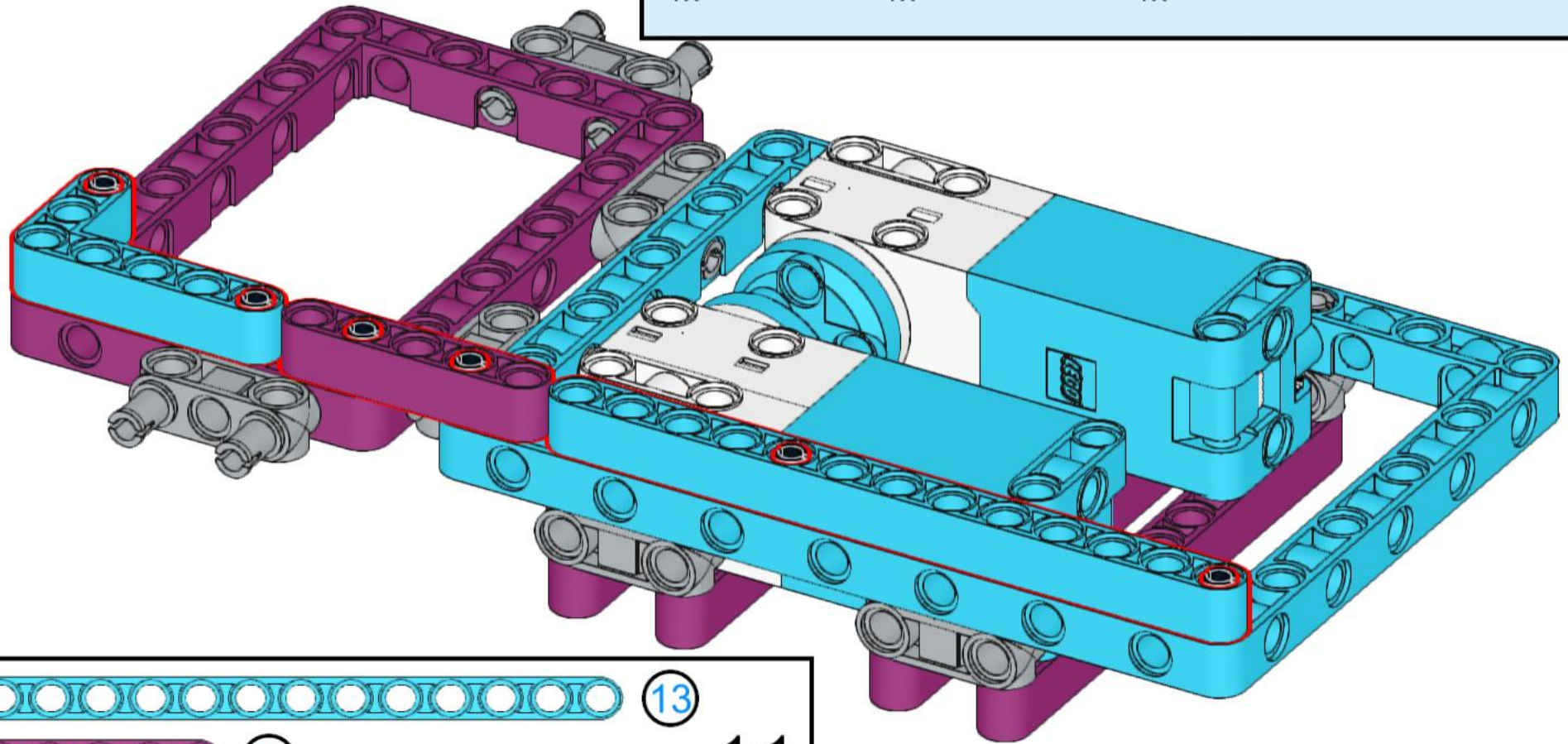
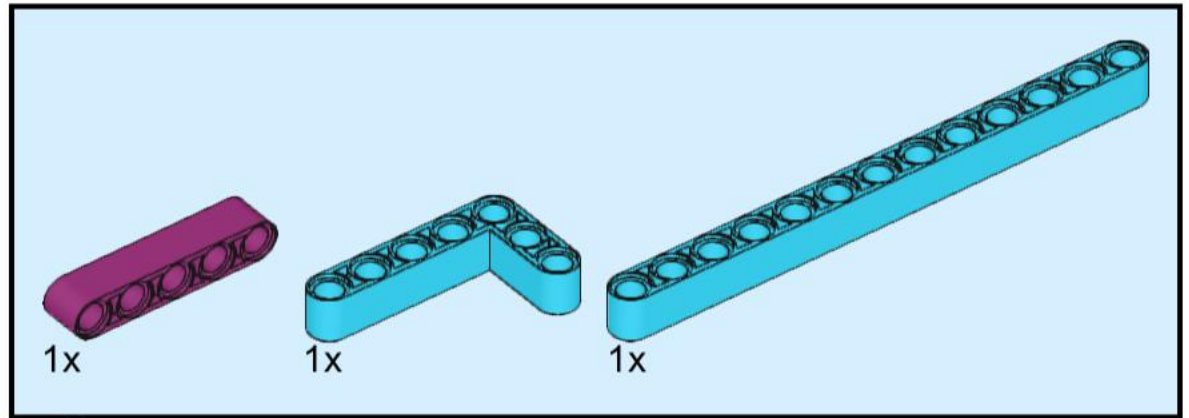
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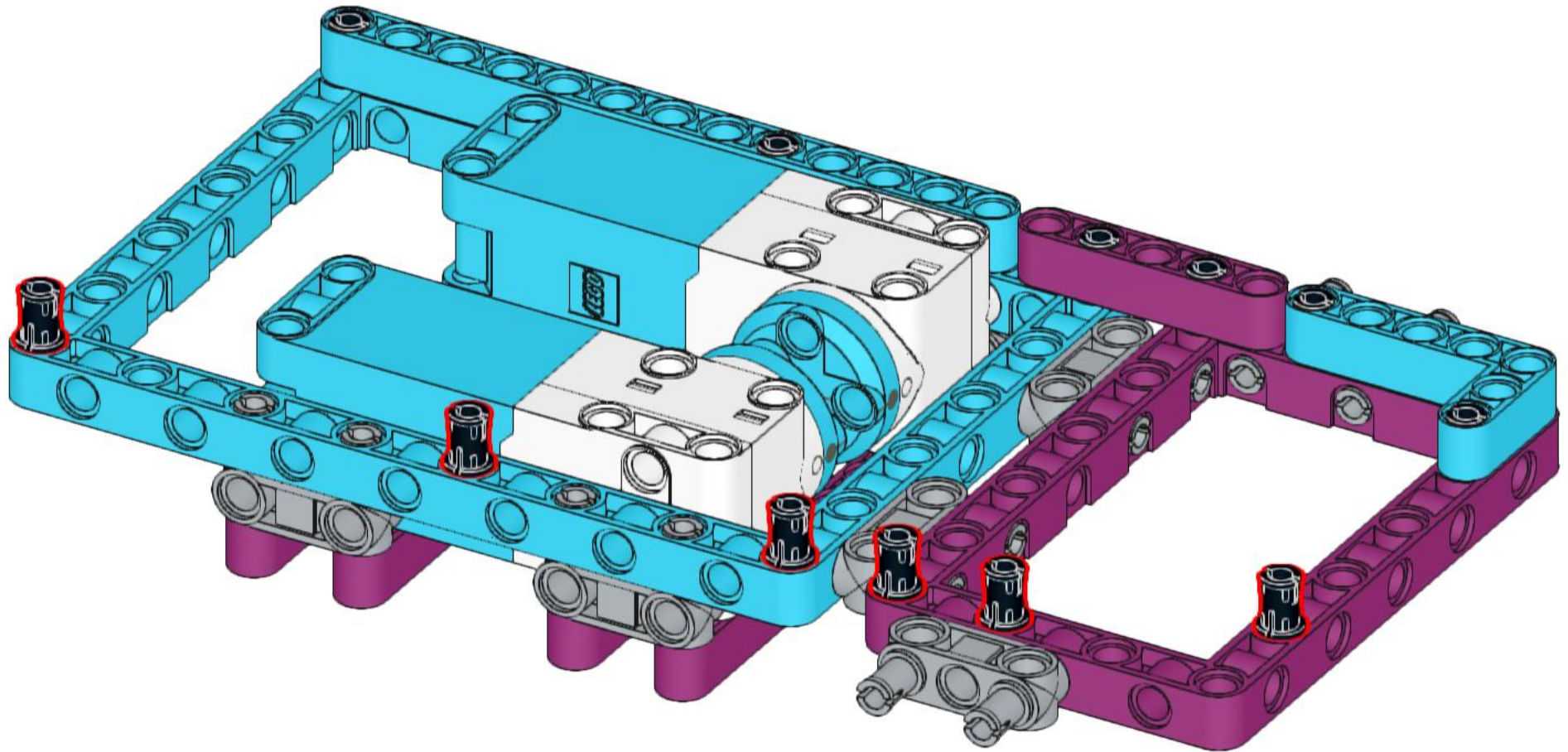
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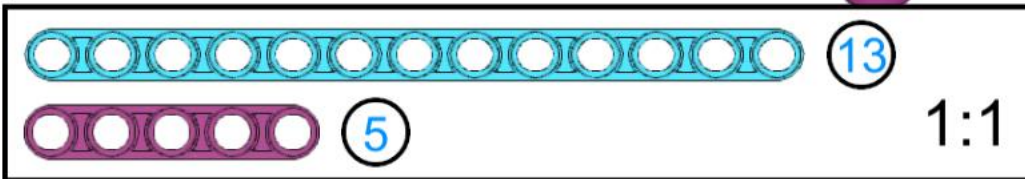
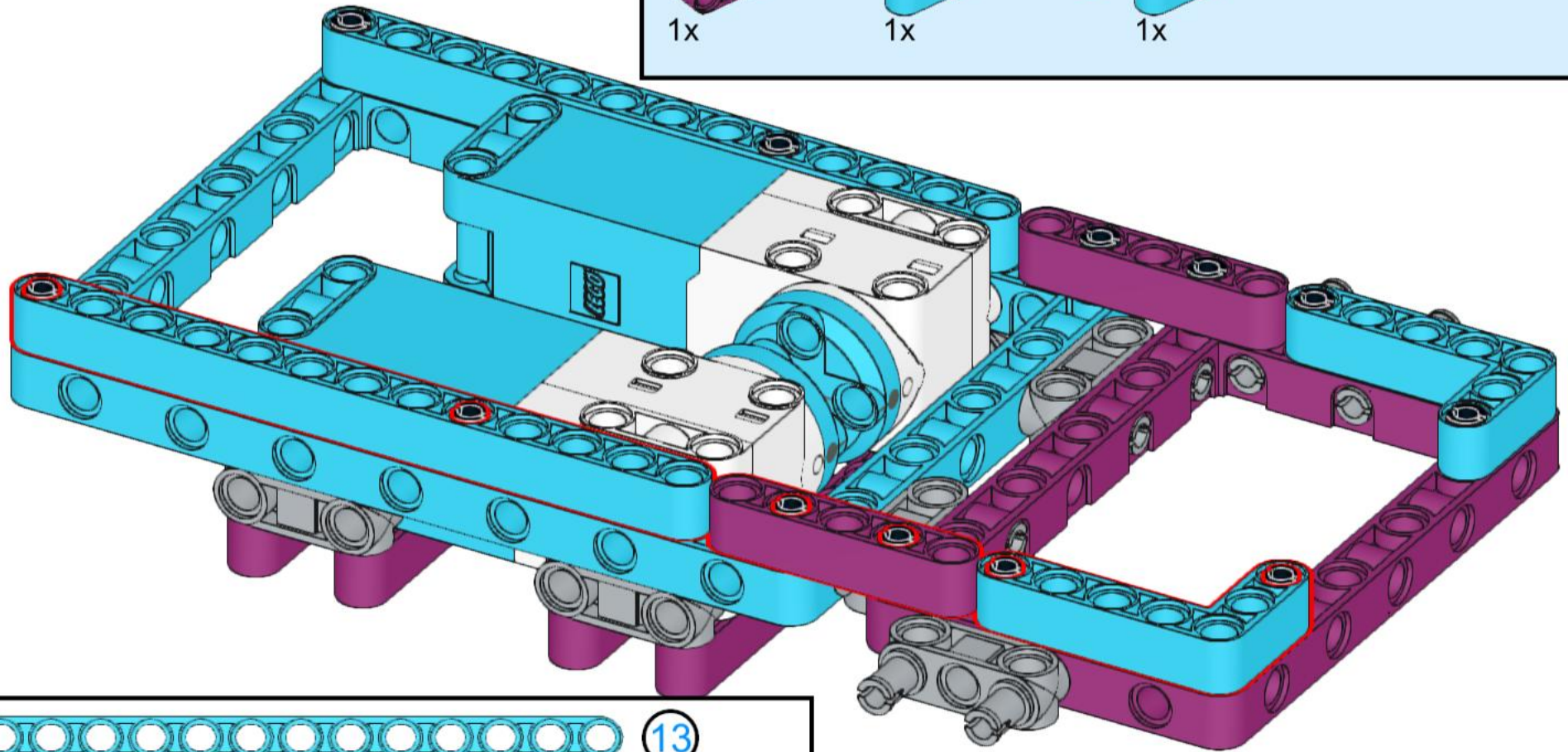
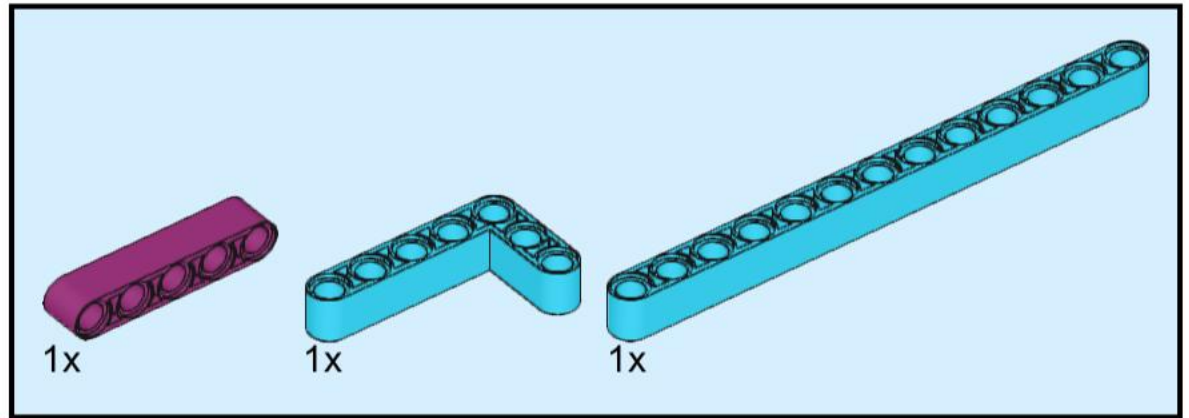
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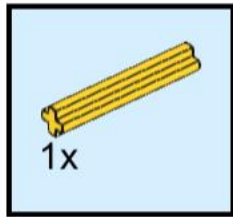
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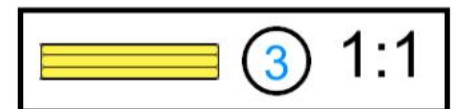
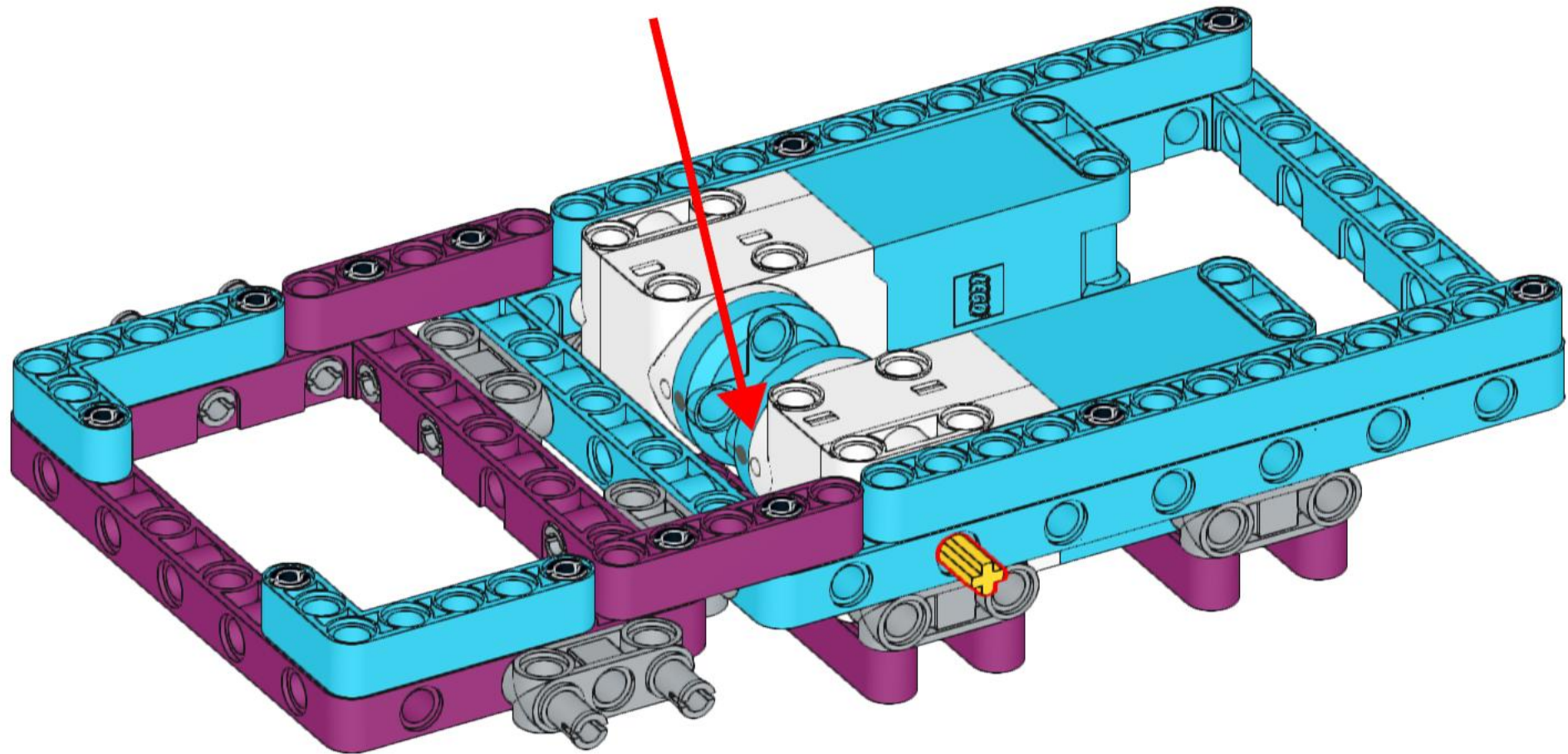
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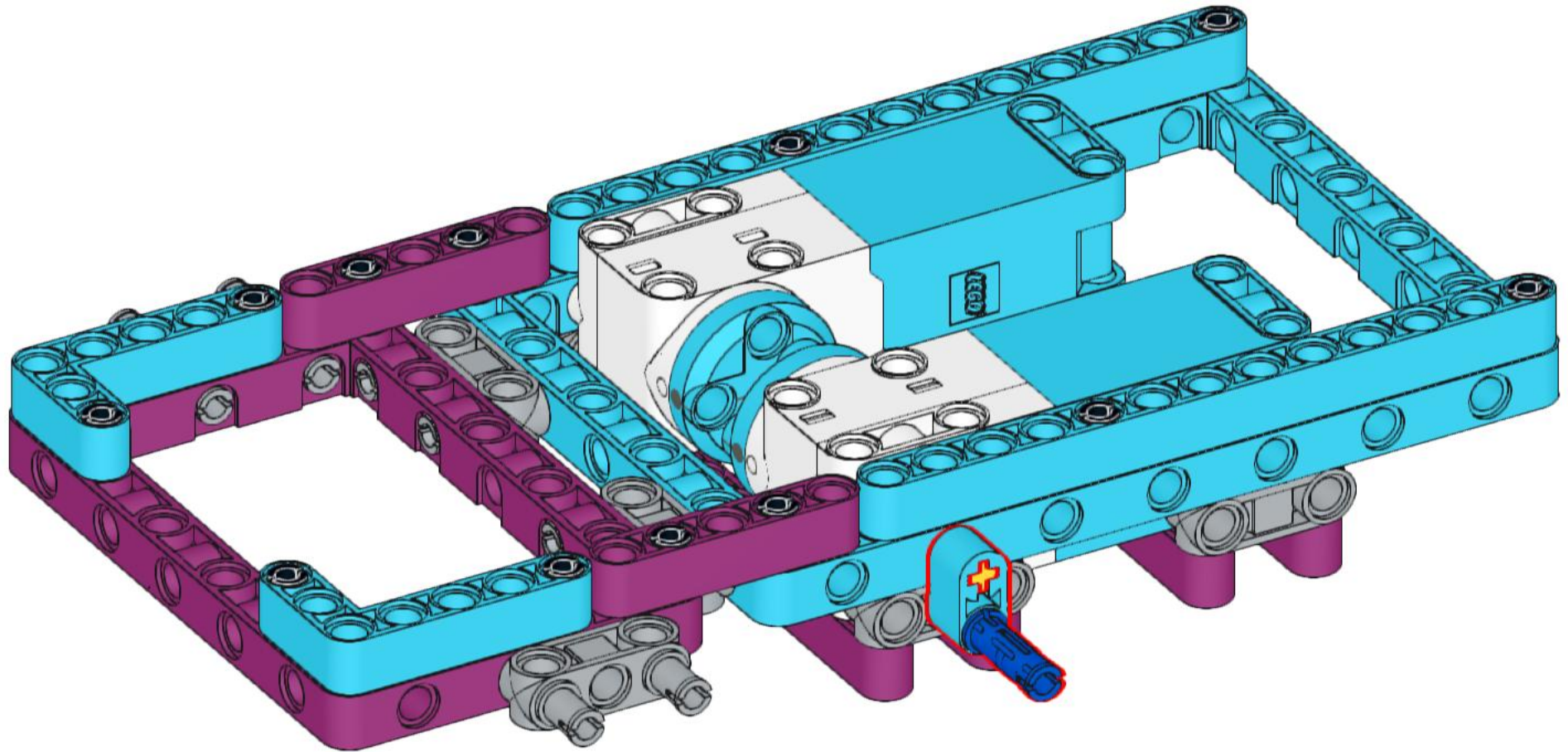
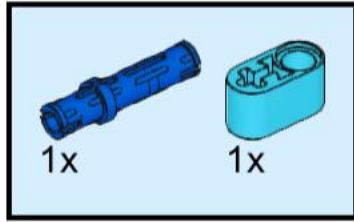
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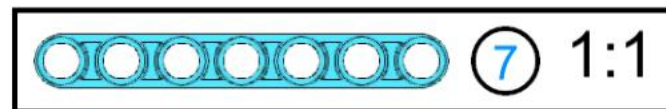
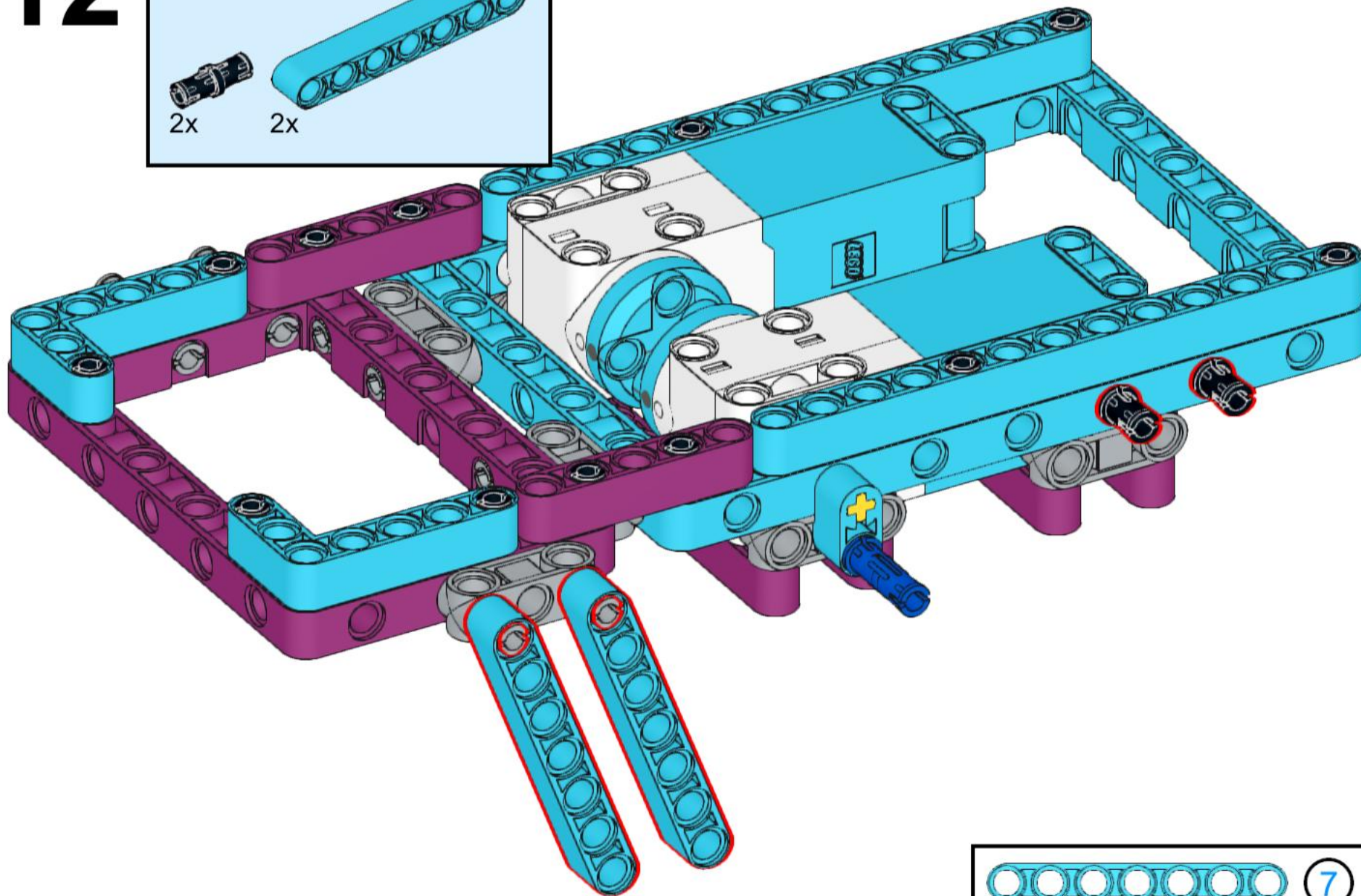
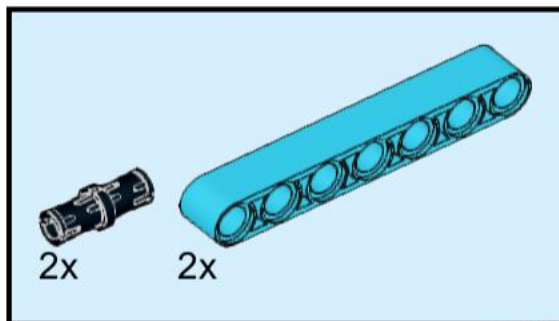
Ensure the grey dot and circle are aligned before fitting the axle.



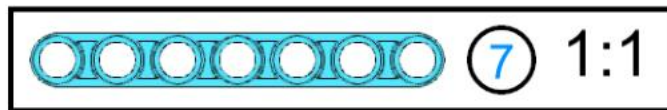
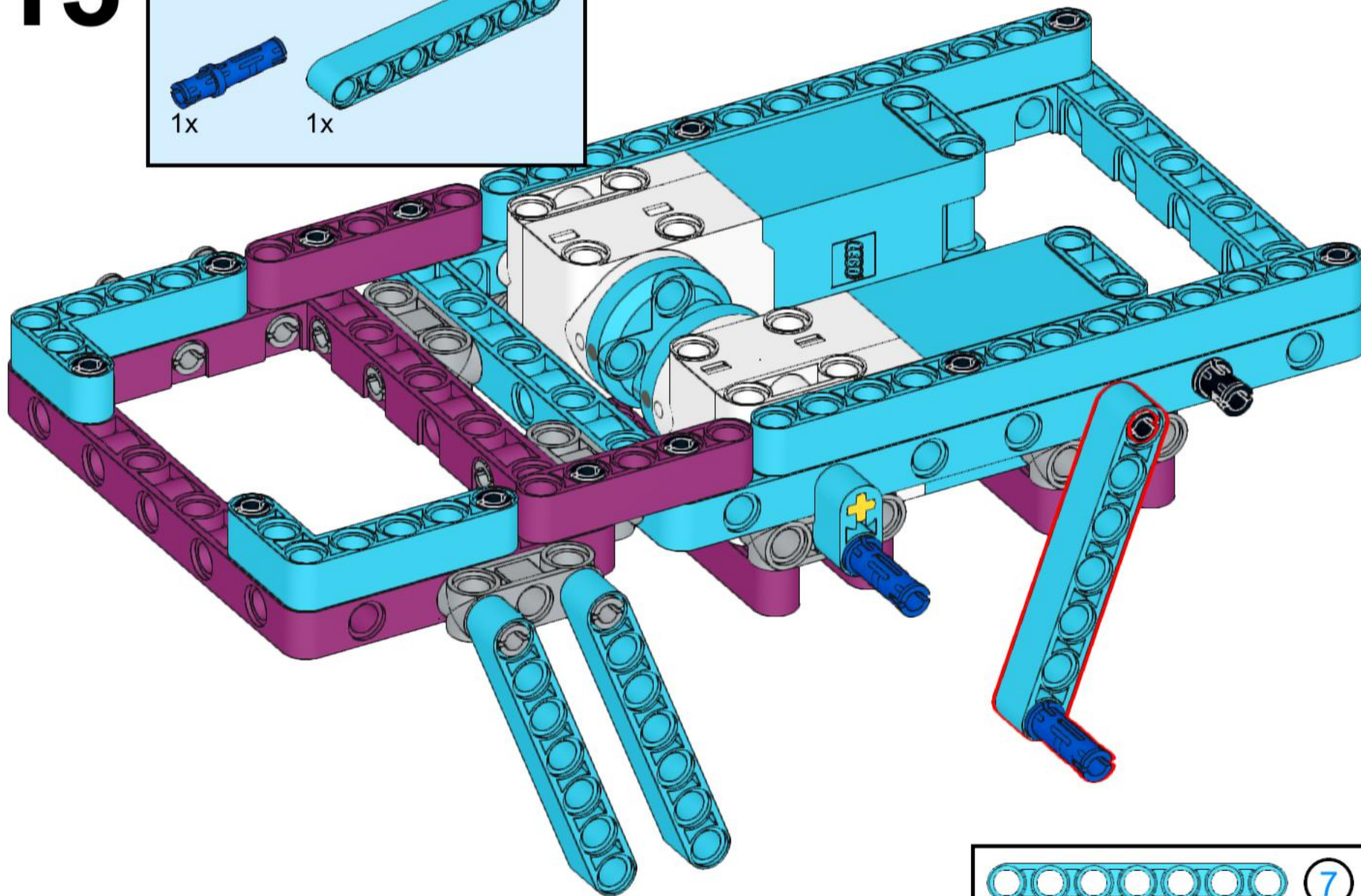
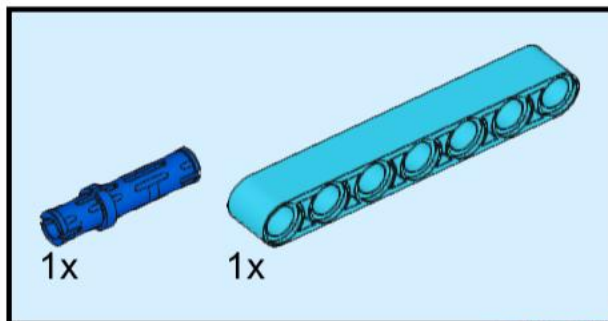
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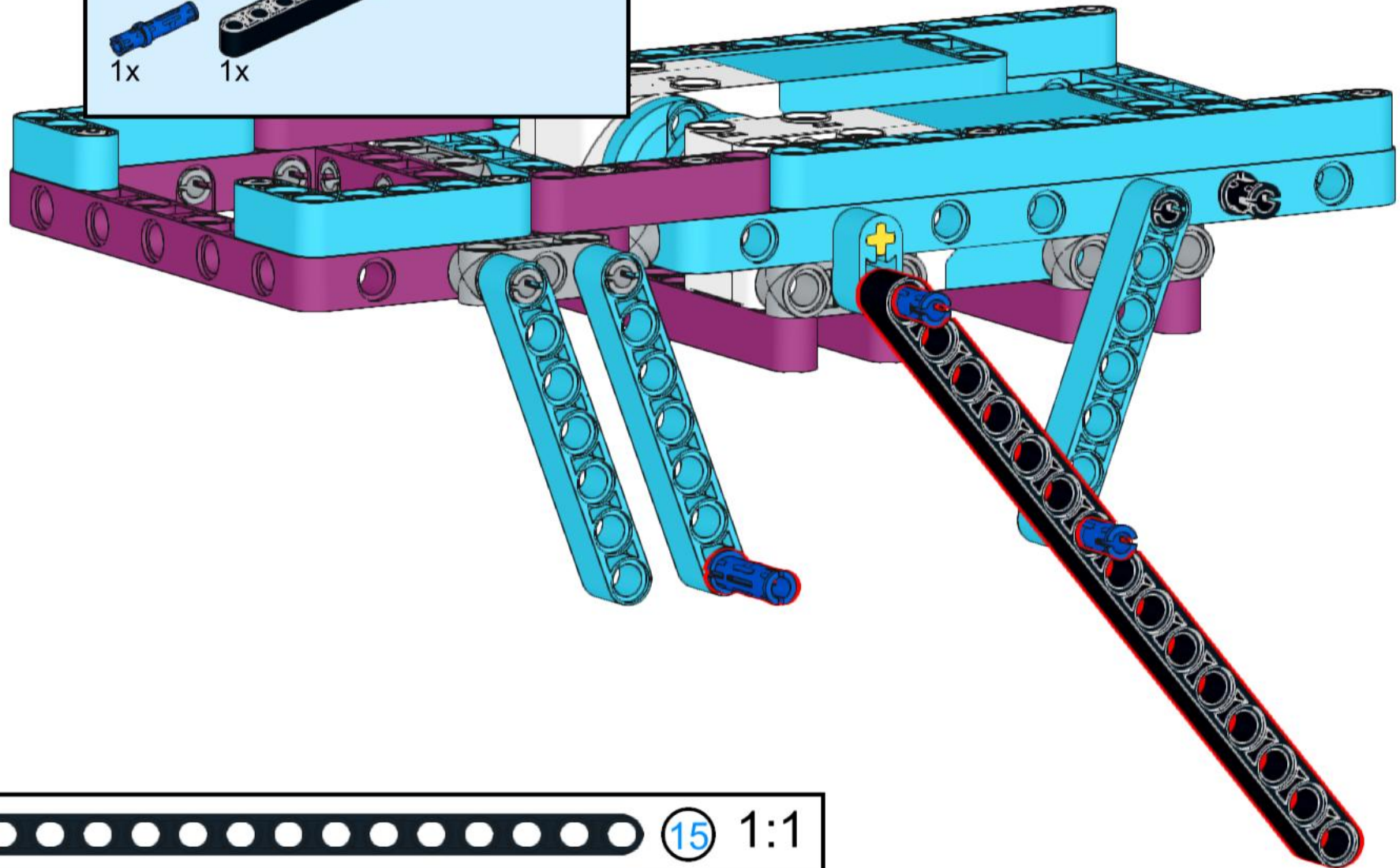
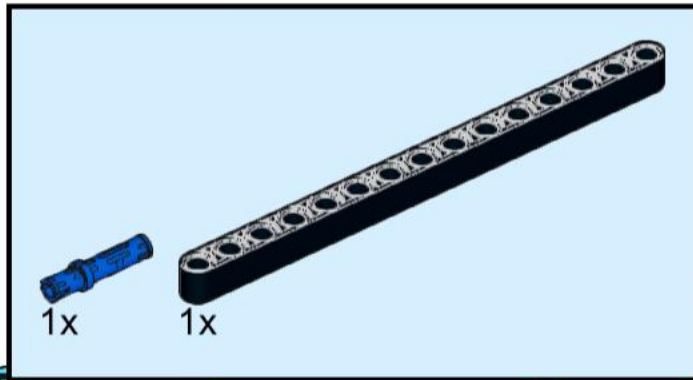
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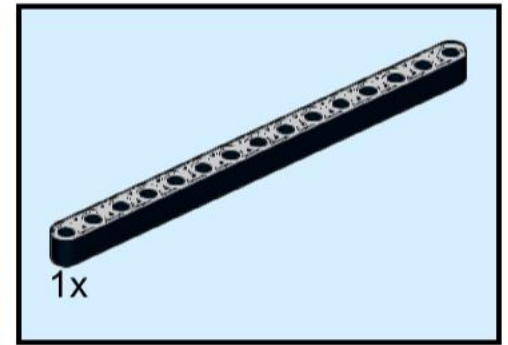
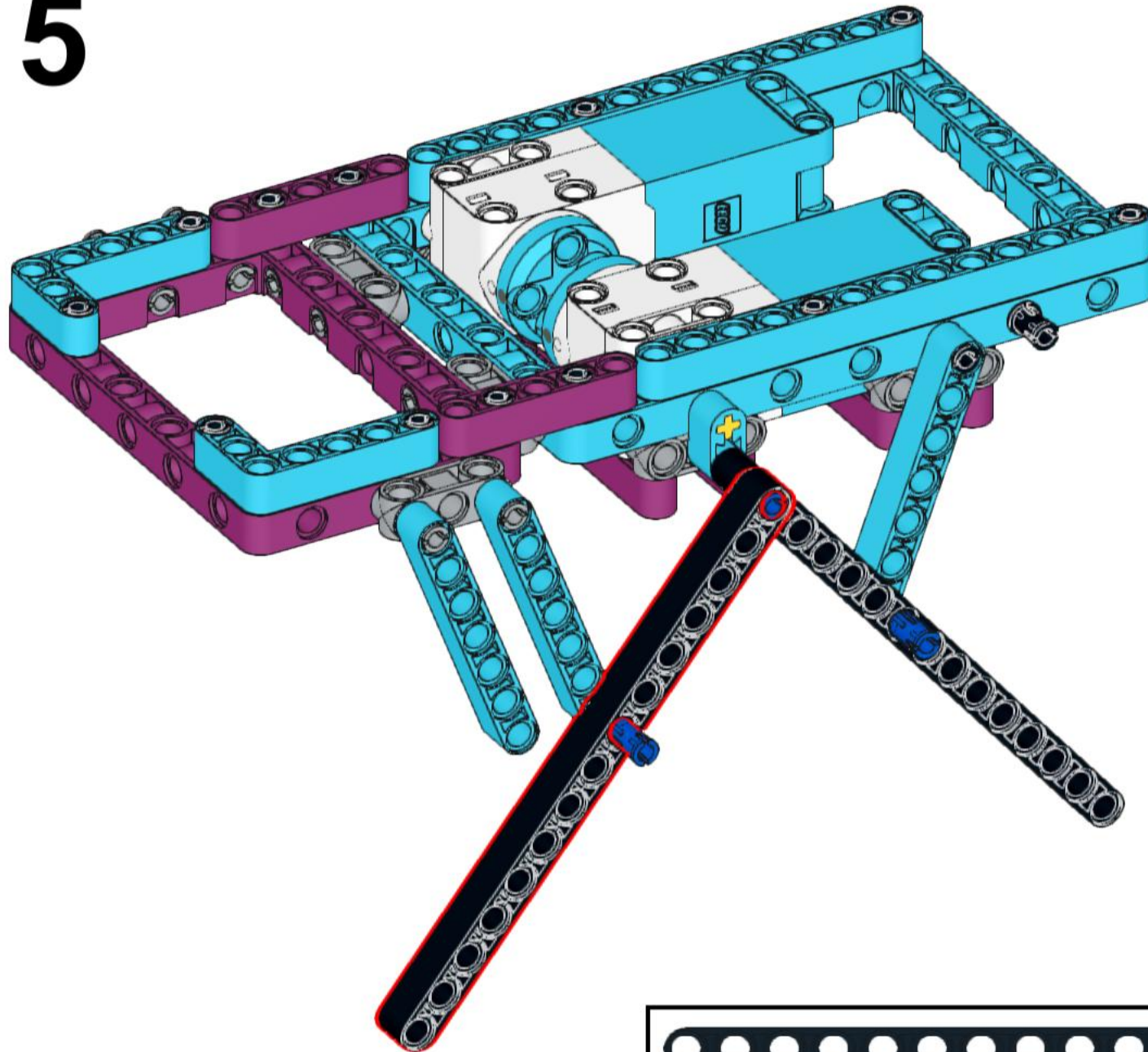
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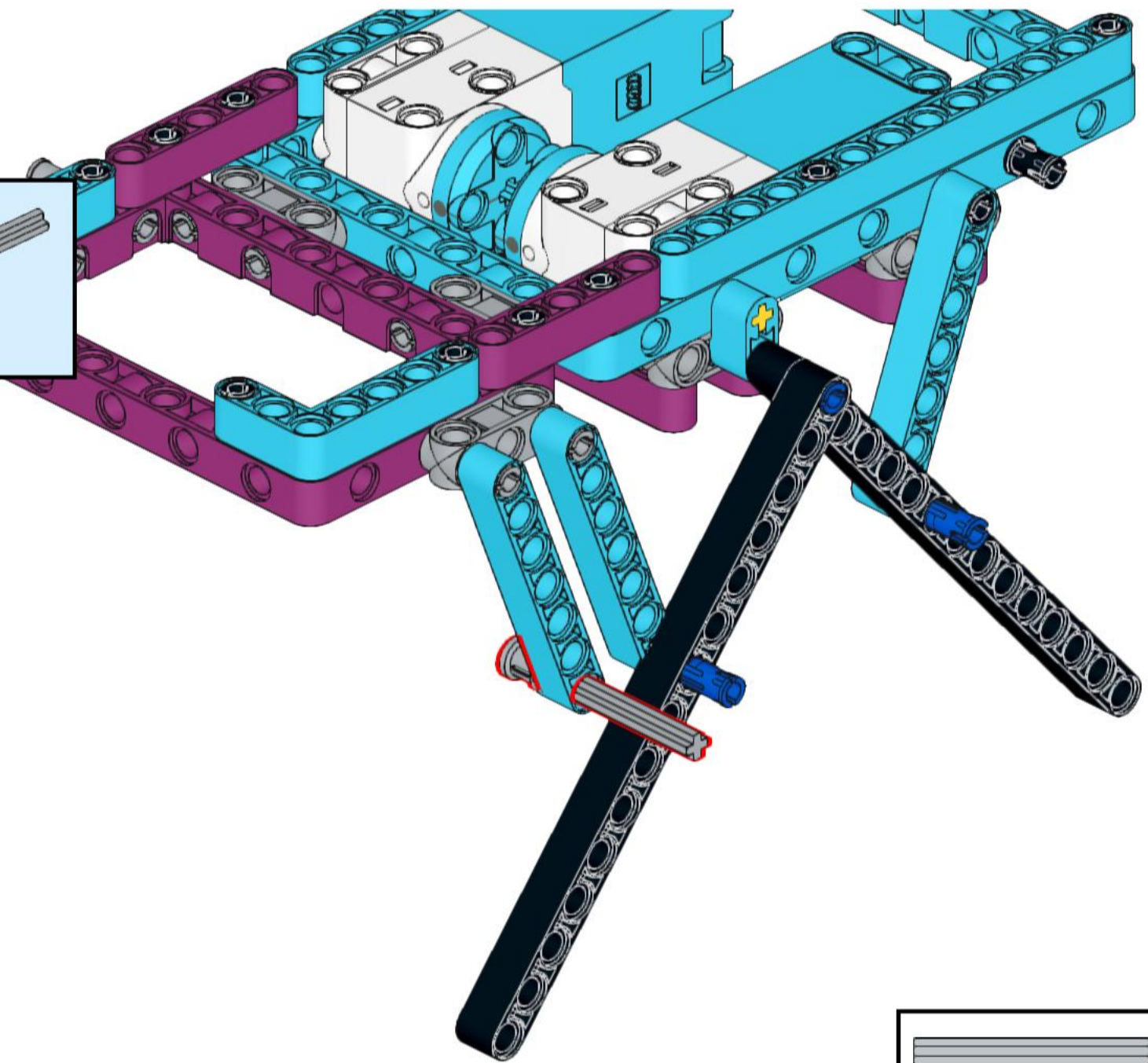
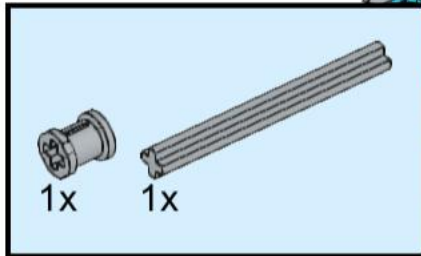
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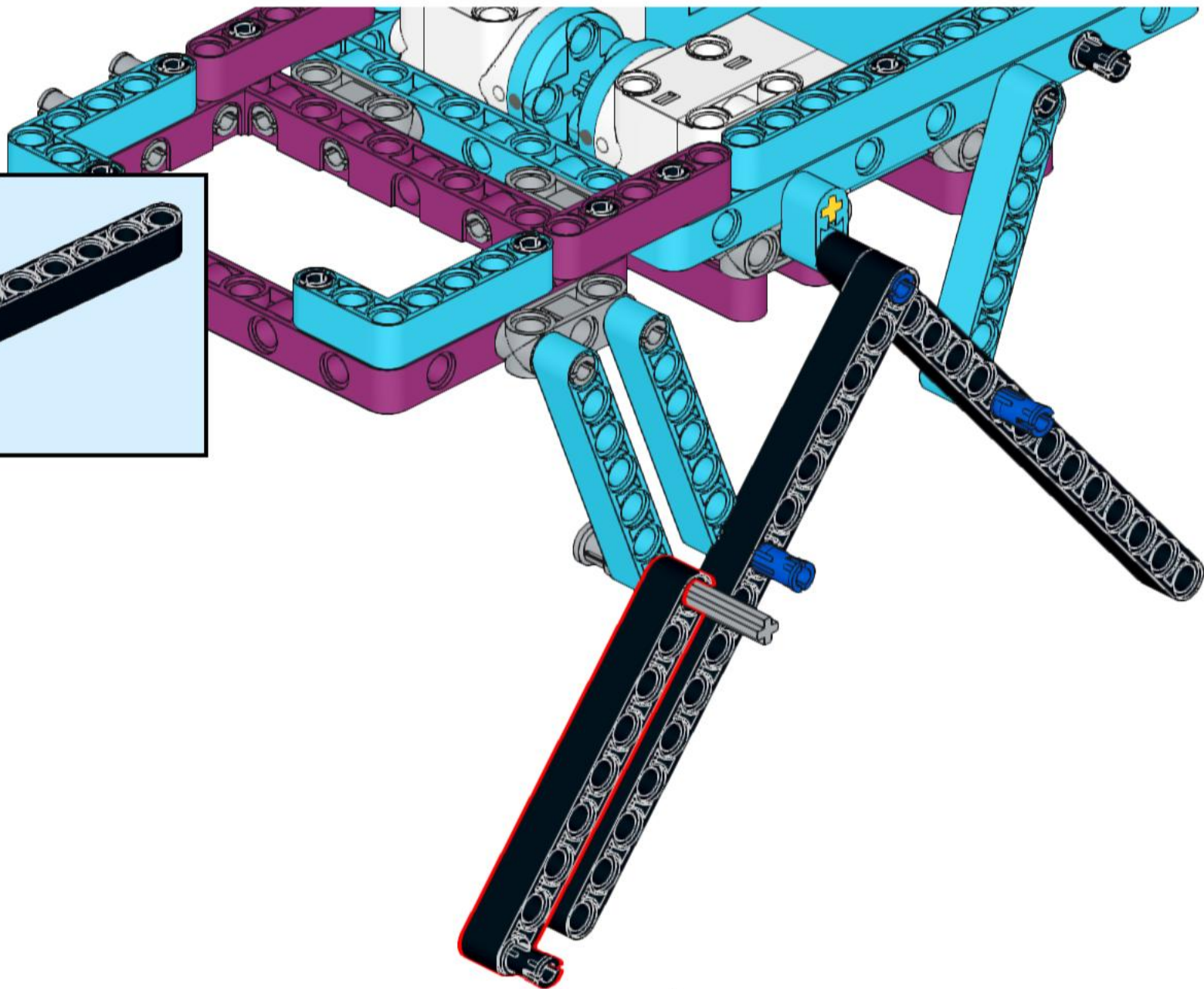
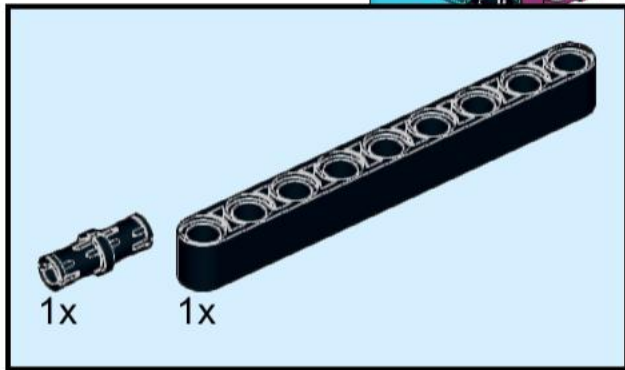
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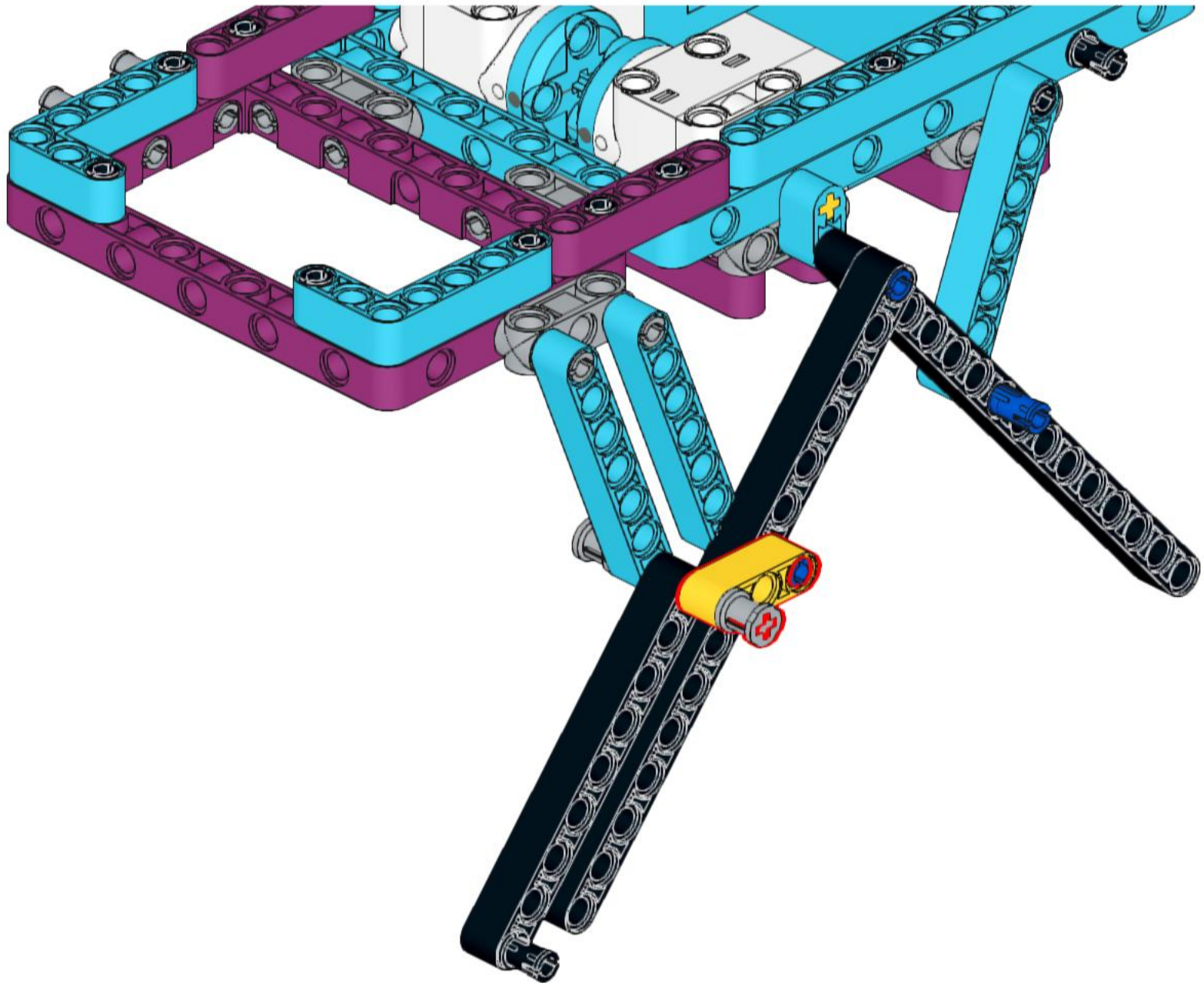
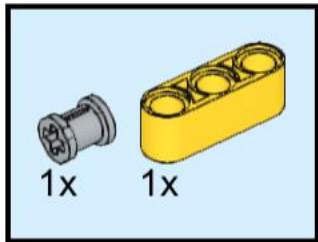
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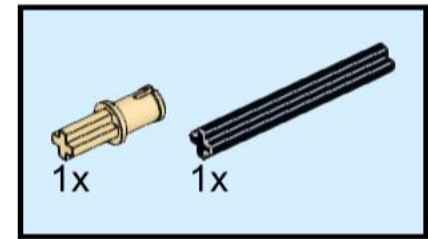
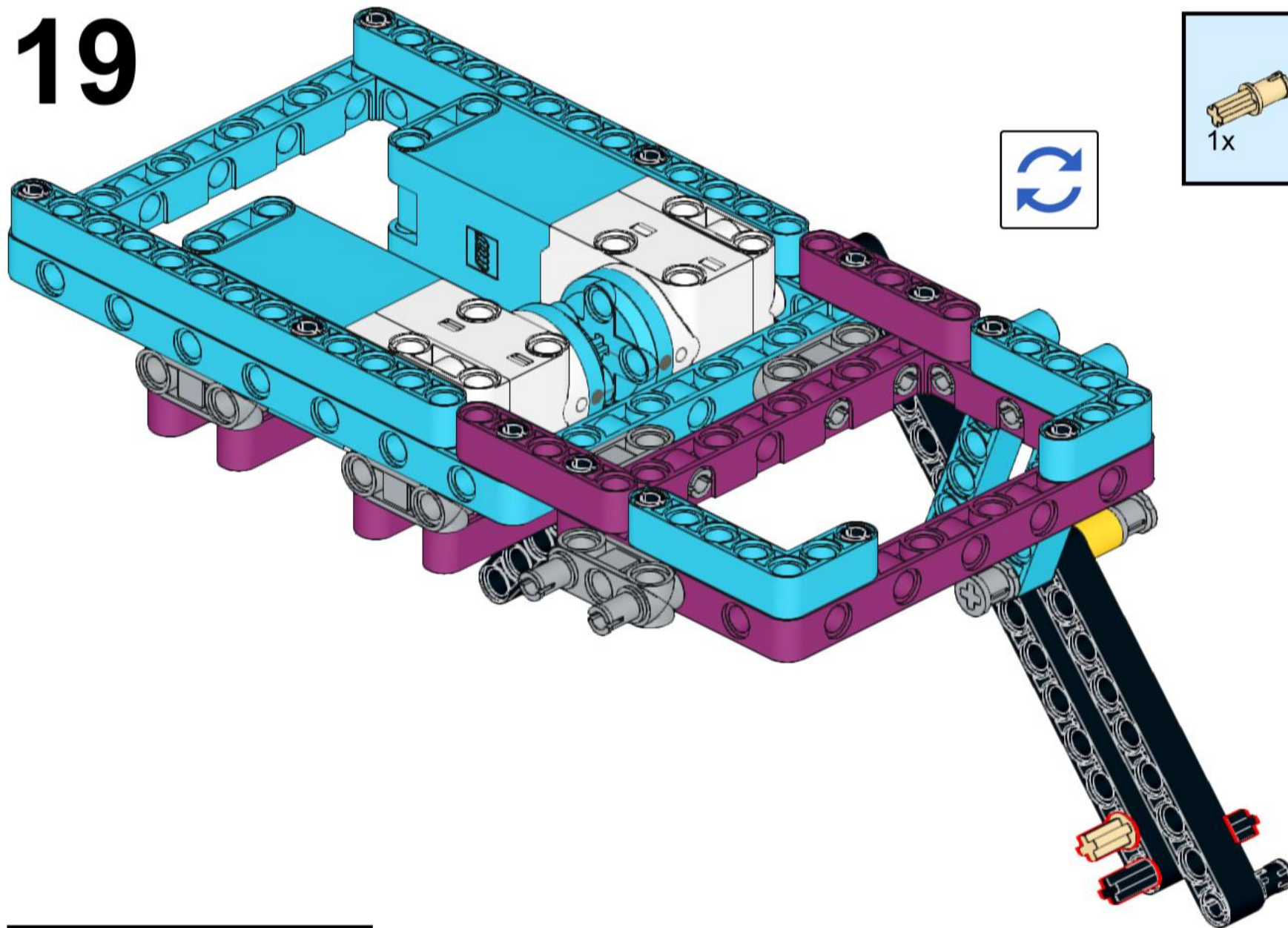
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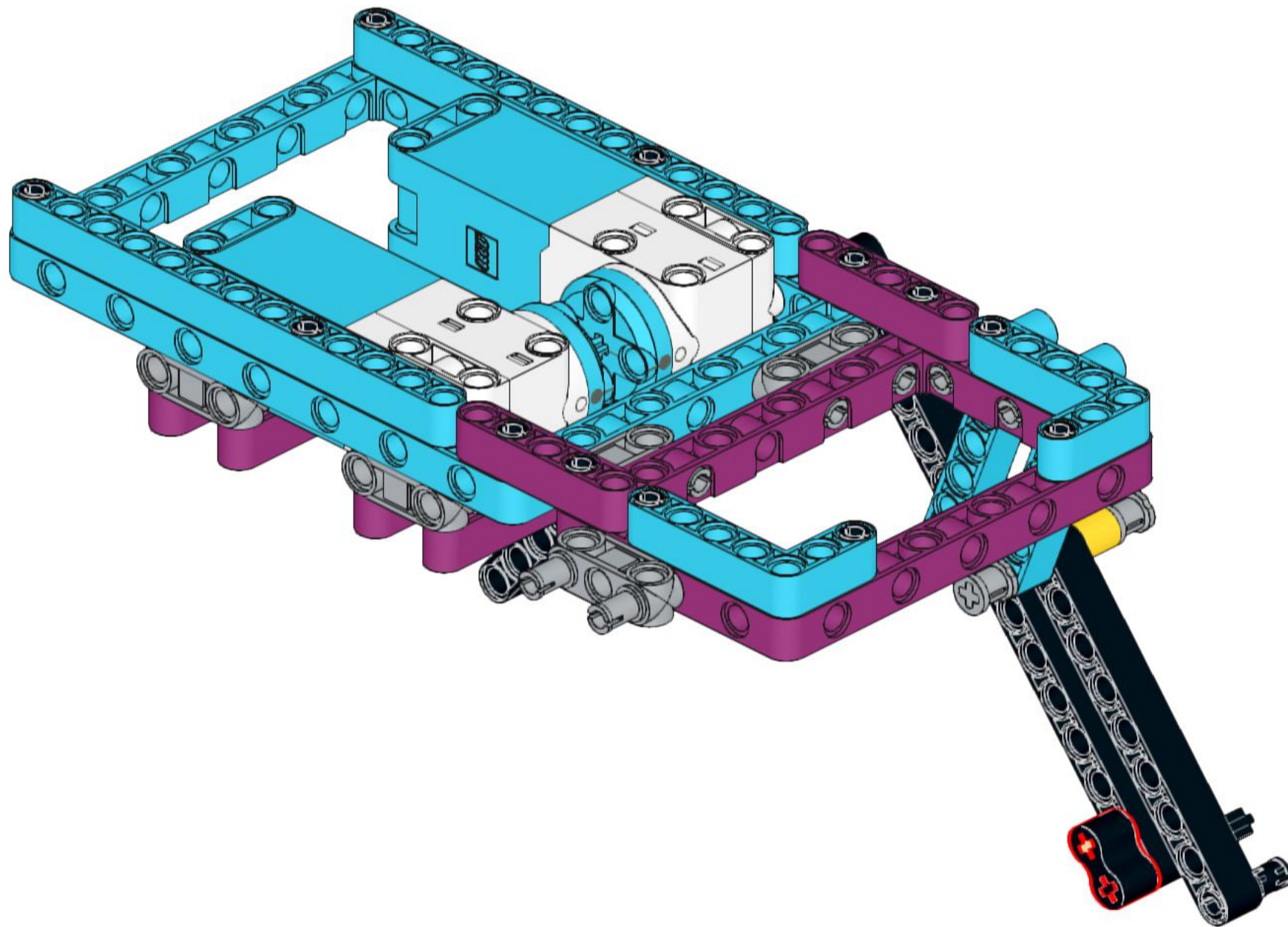
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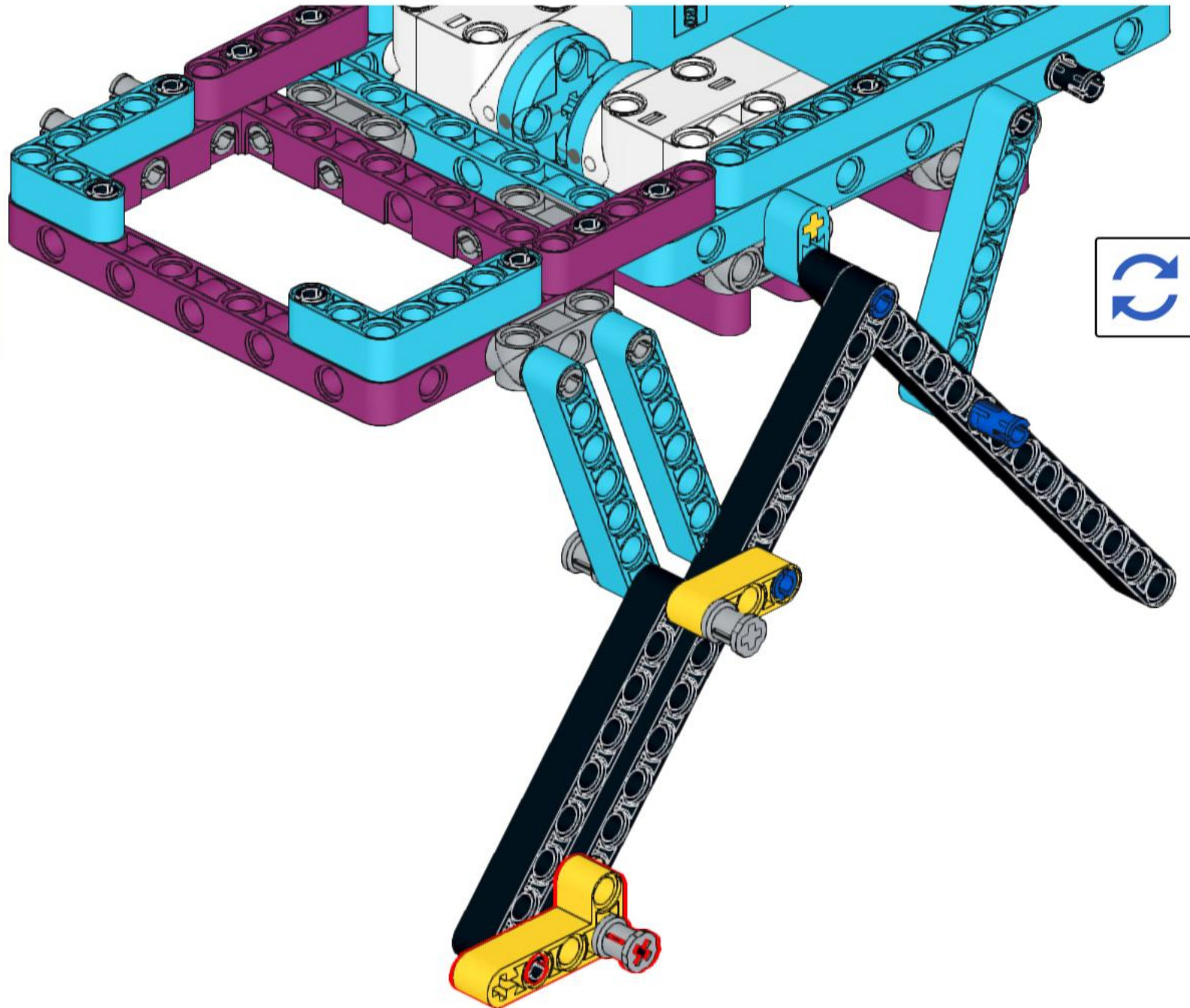
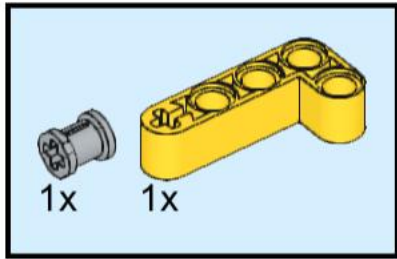
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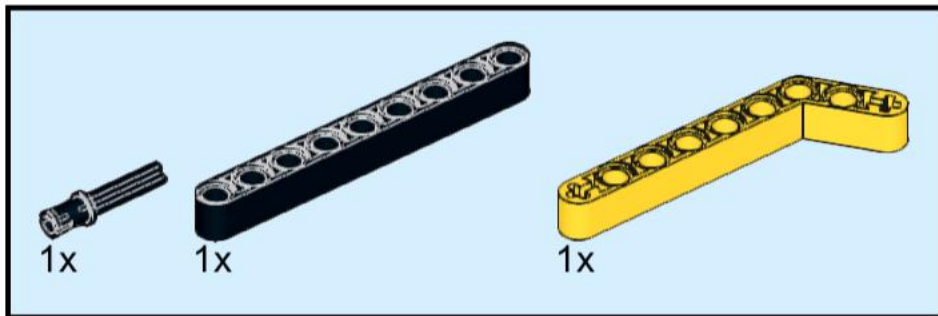
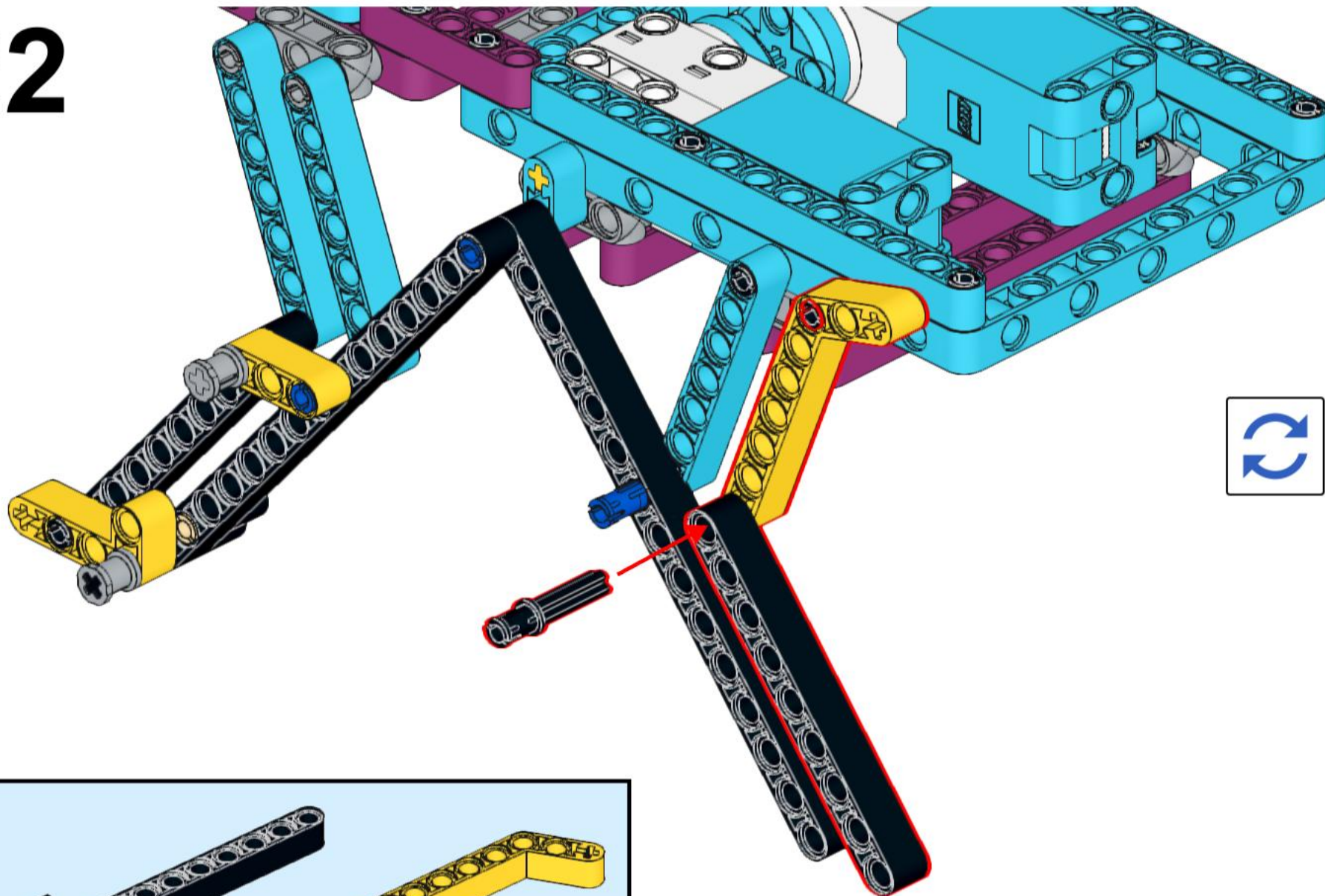
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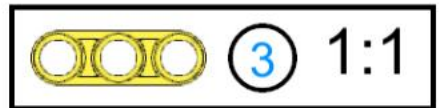
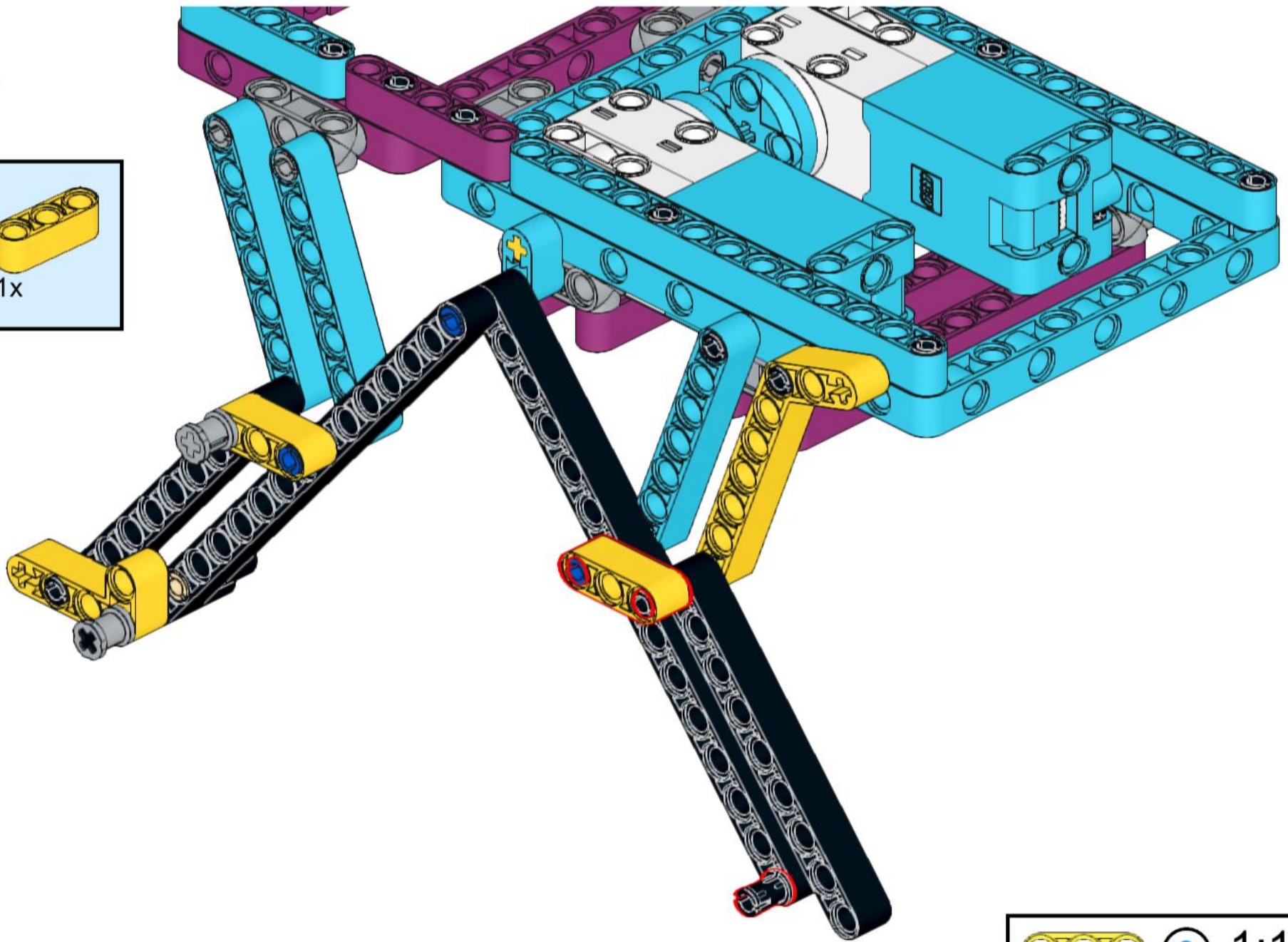
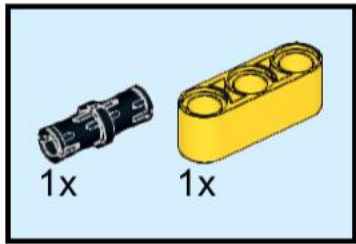
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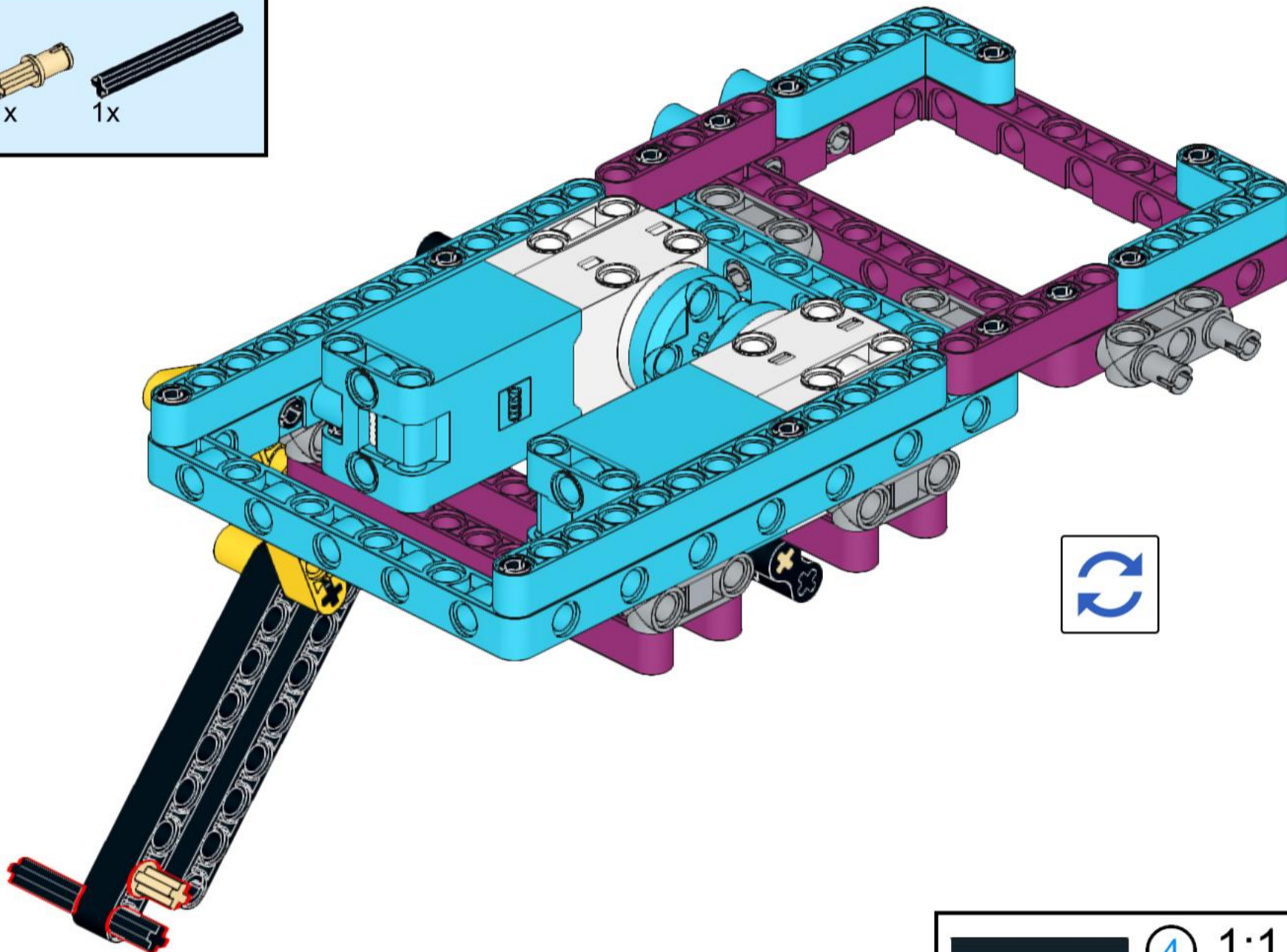
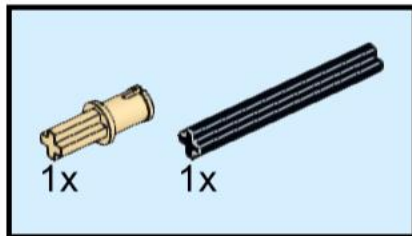
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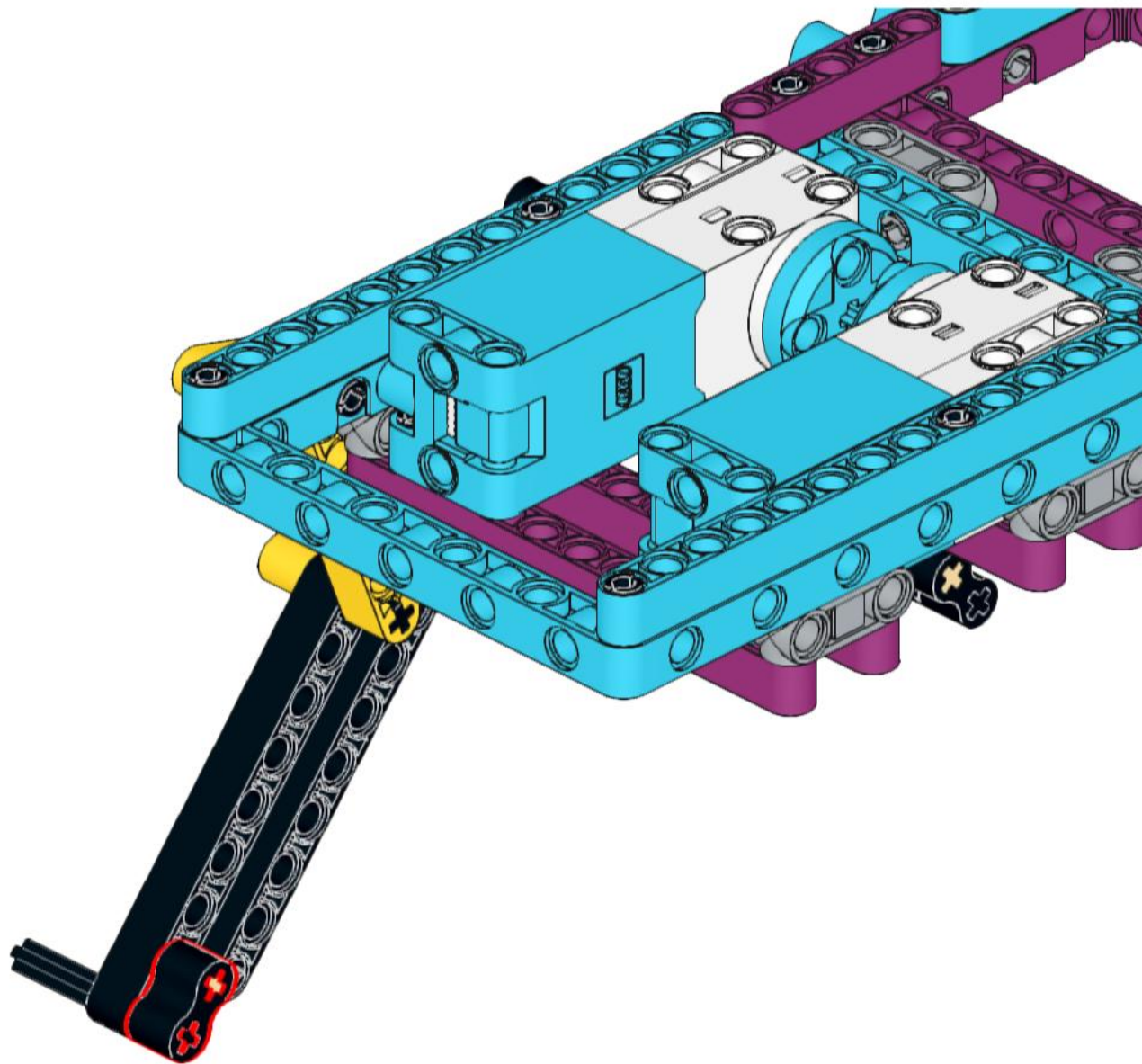
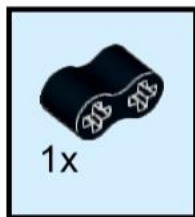
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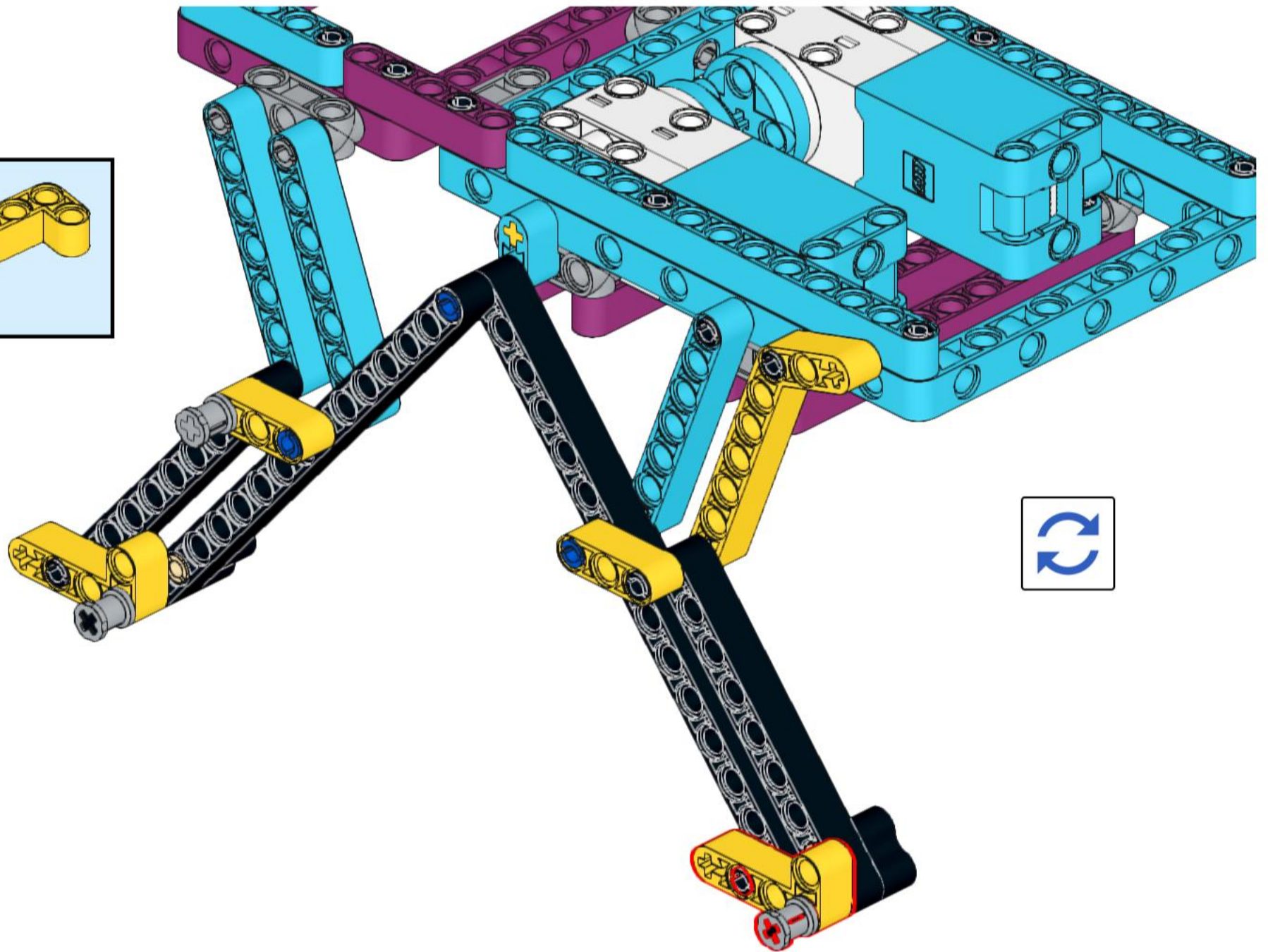
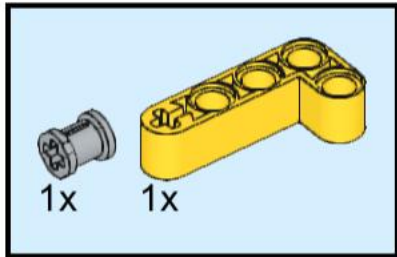
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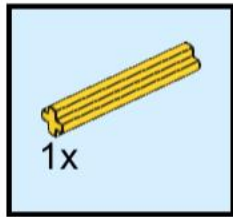
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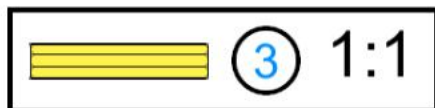
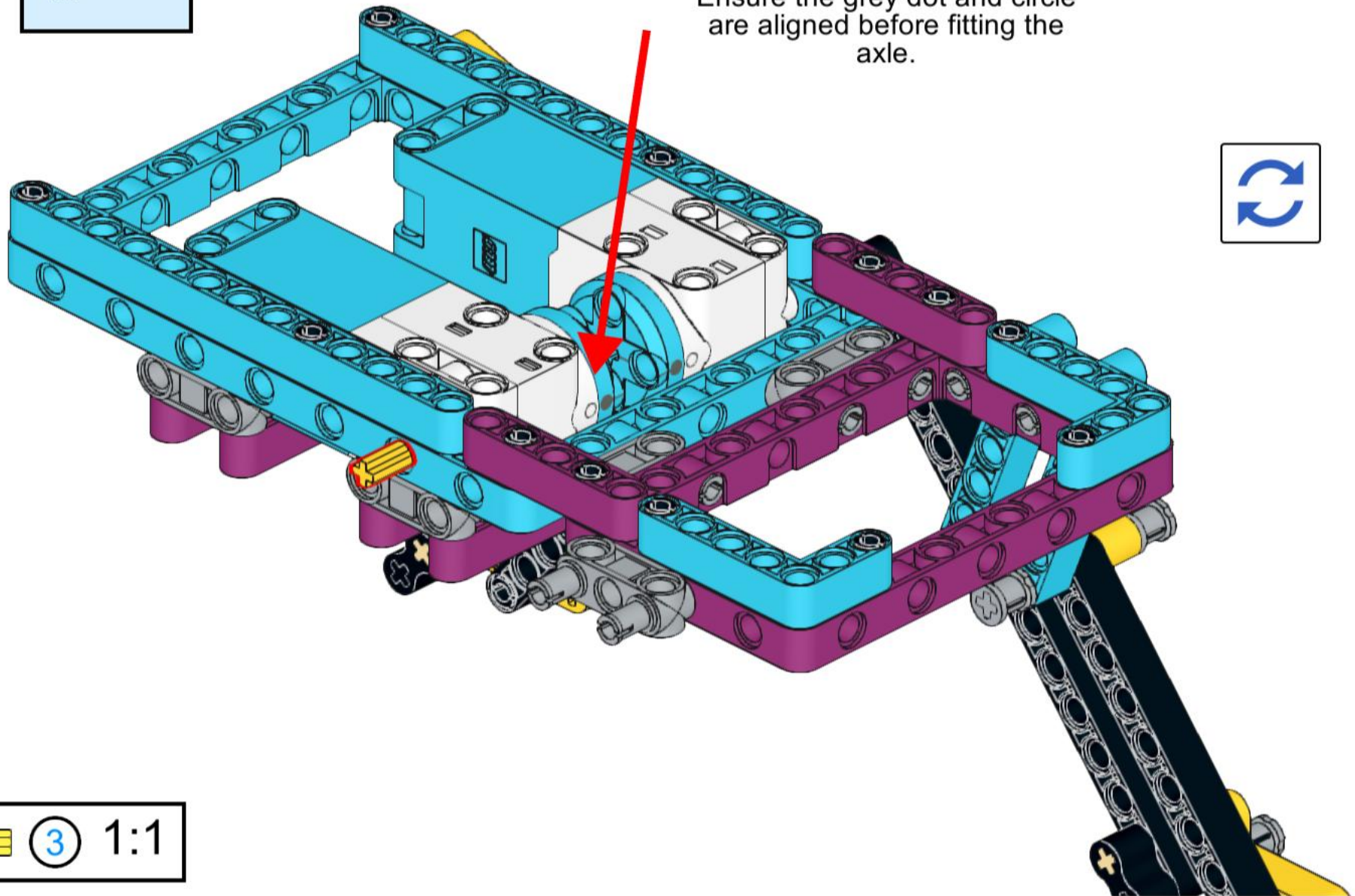
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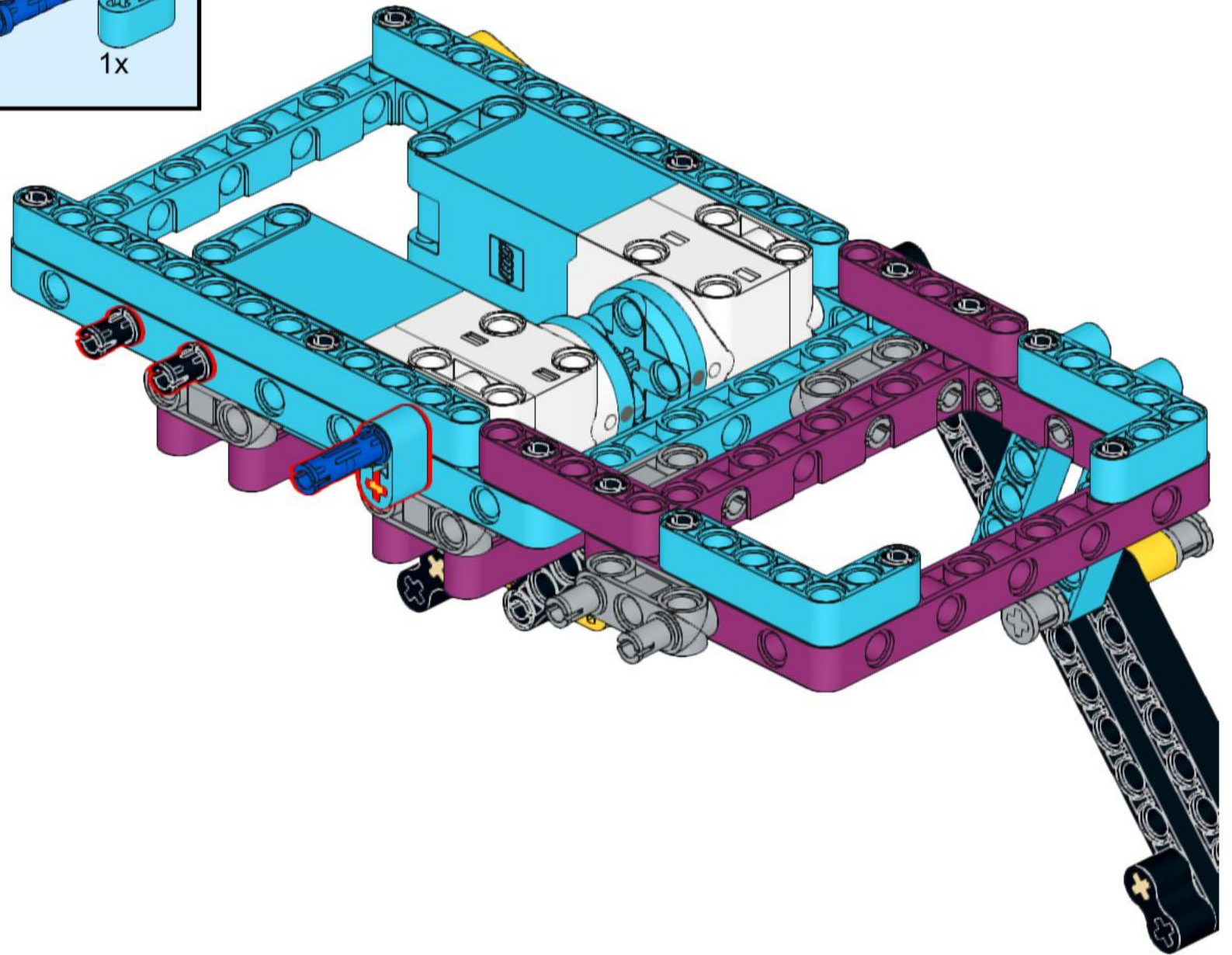
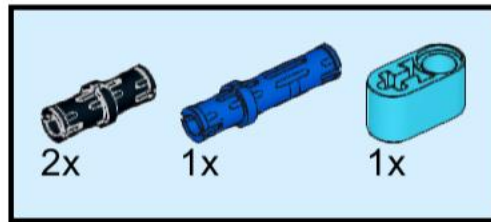
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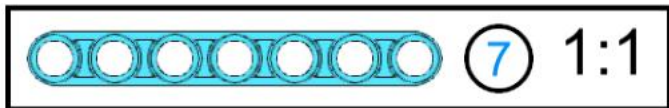
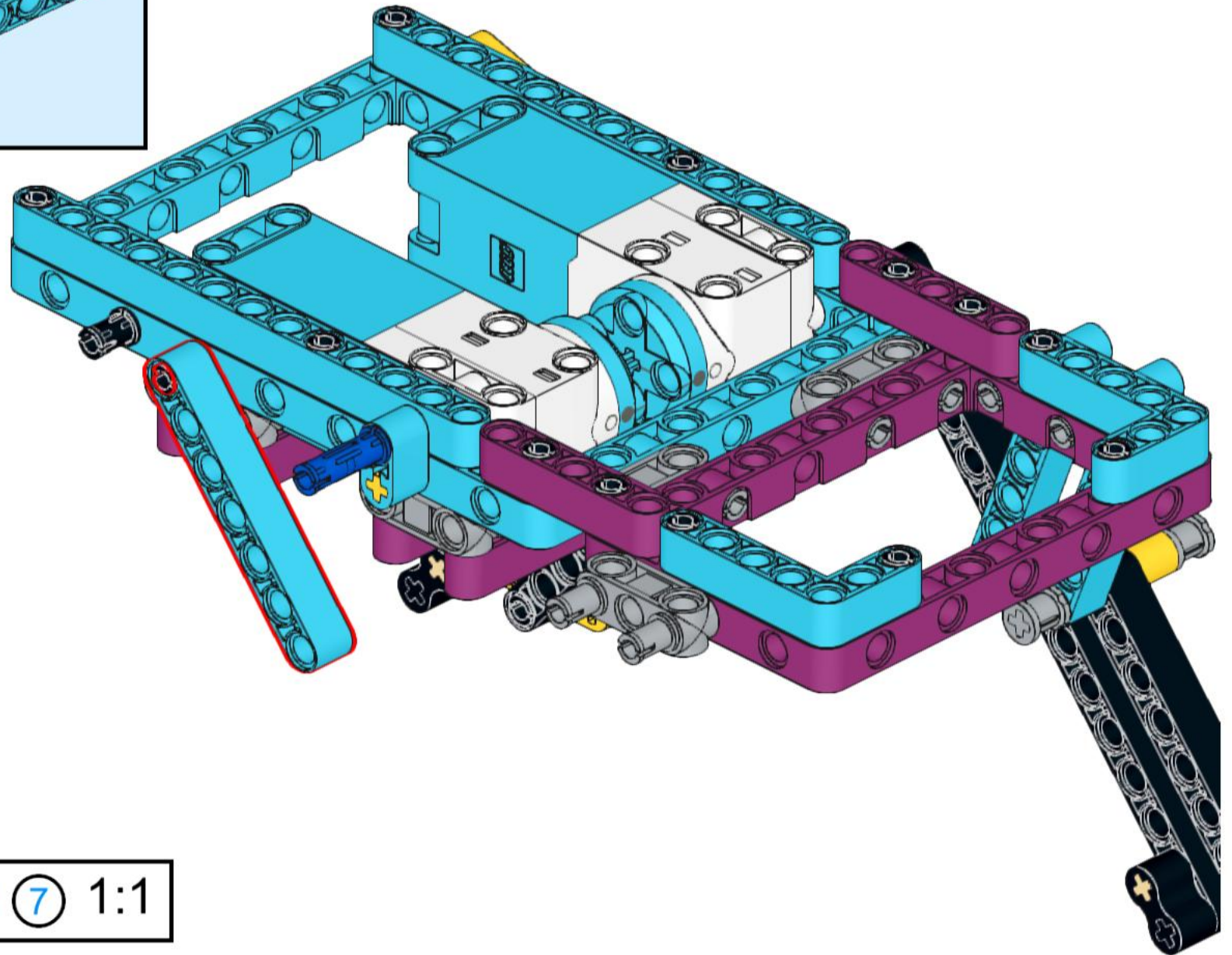
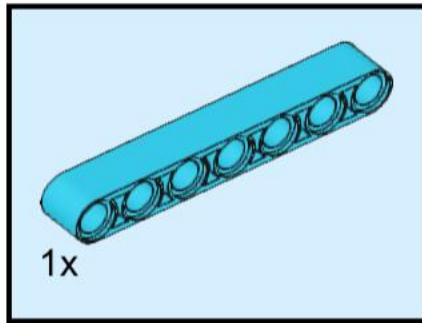
Ensure the grey dot and circle are aligned before fitting the axle.



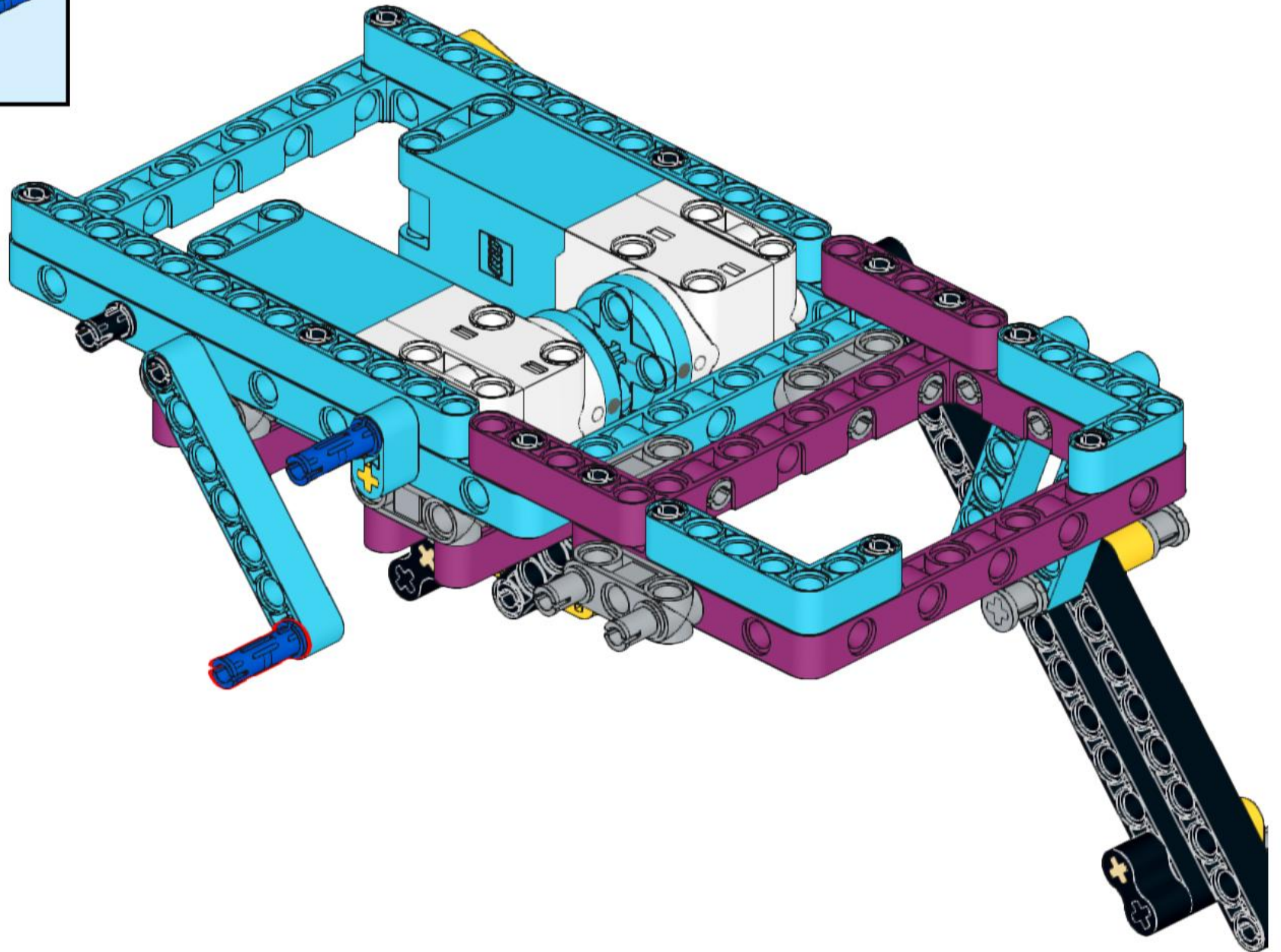
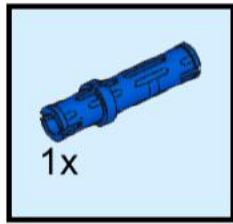
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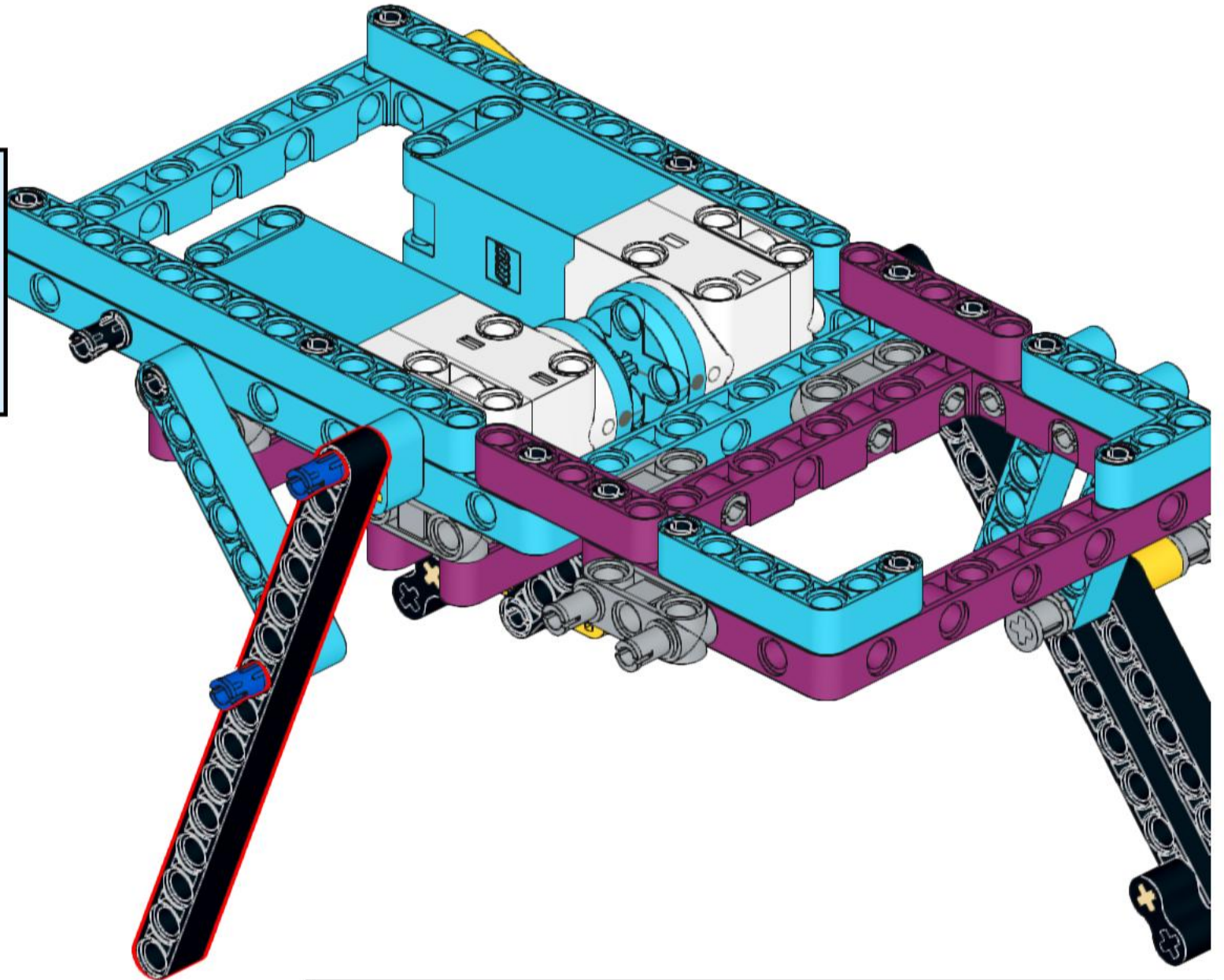
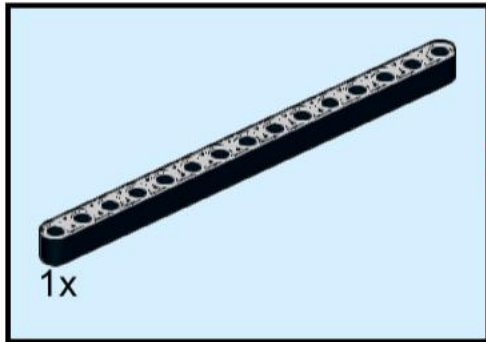
# 29



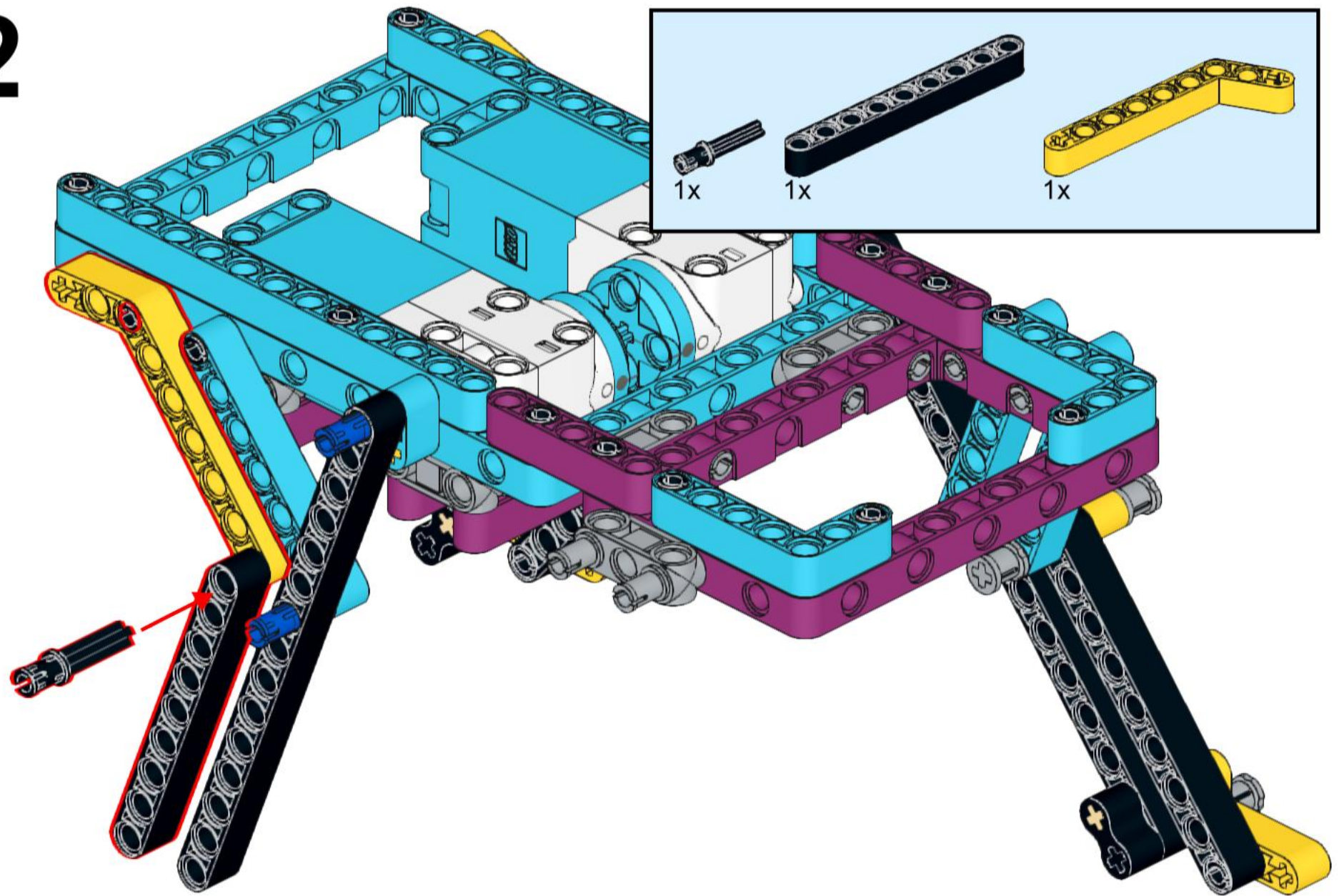
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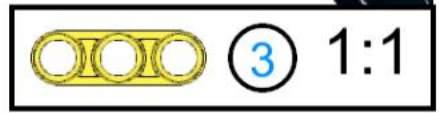
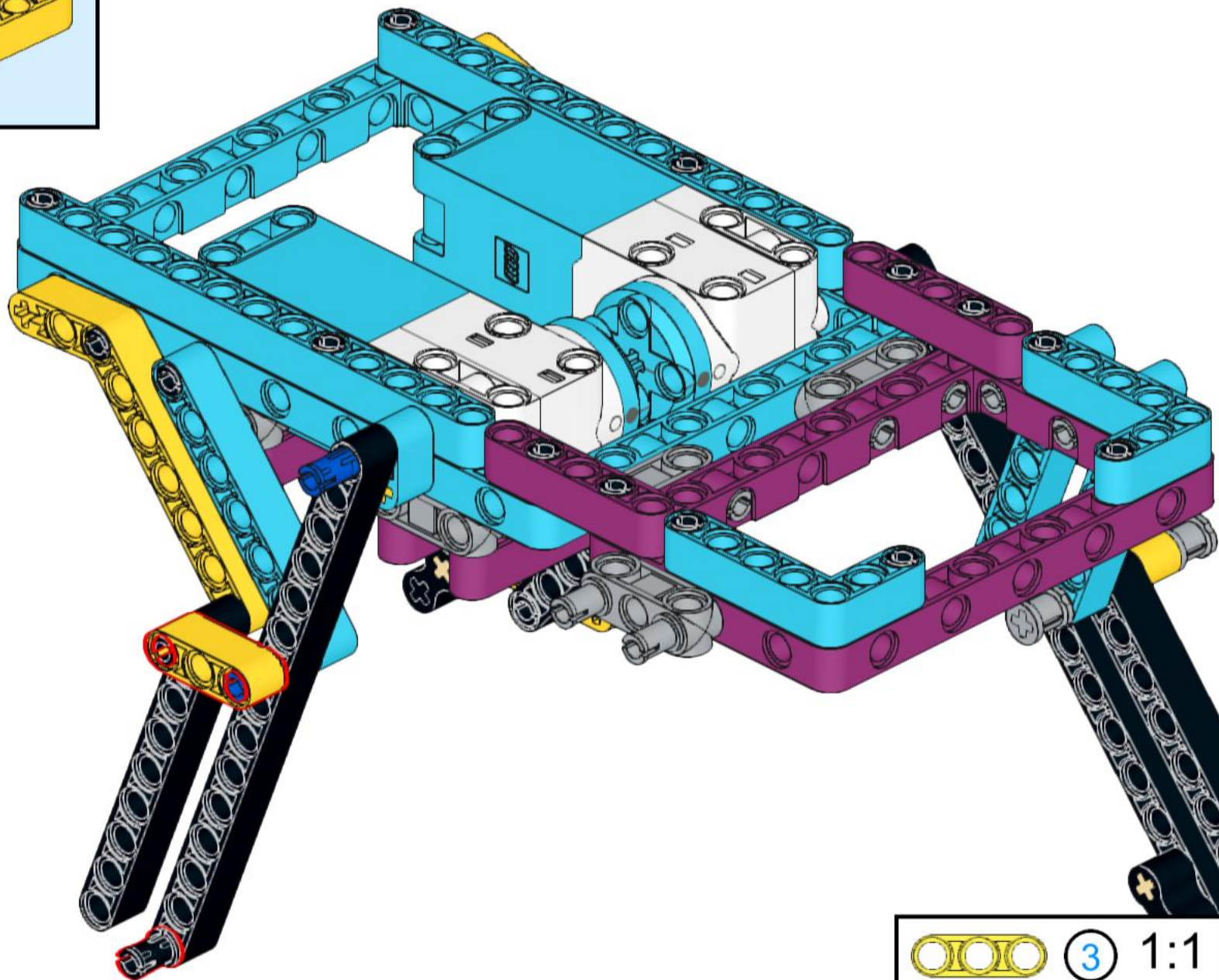
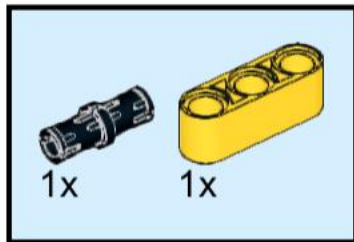
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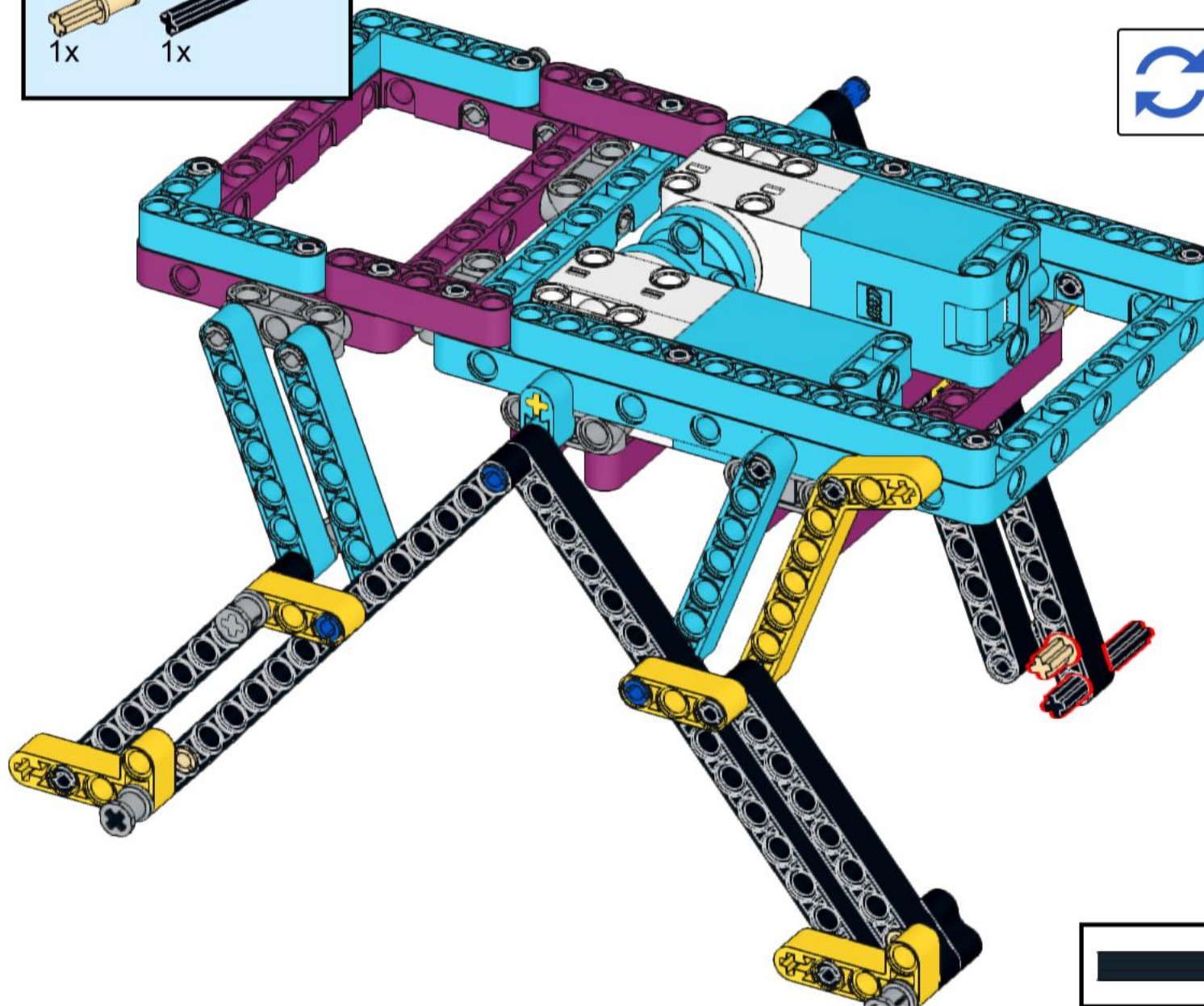
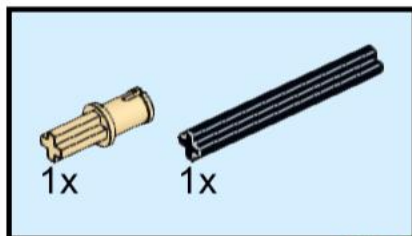
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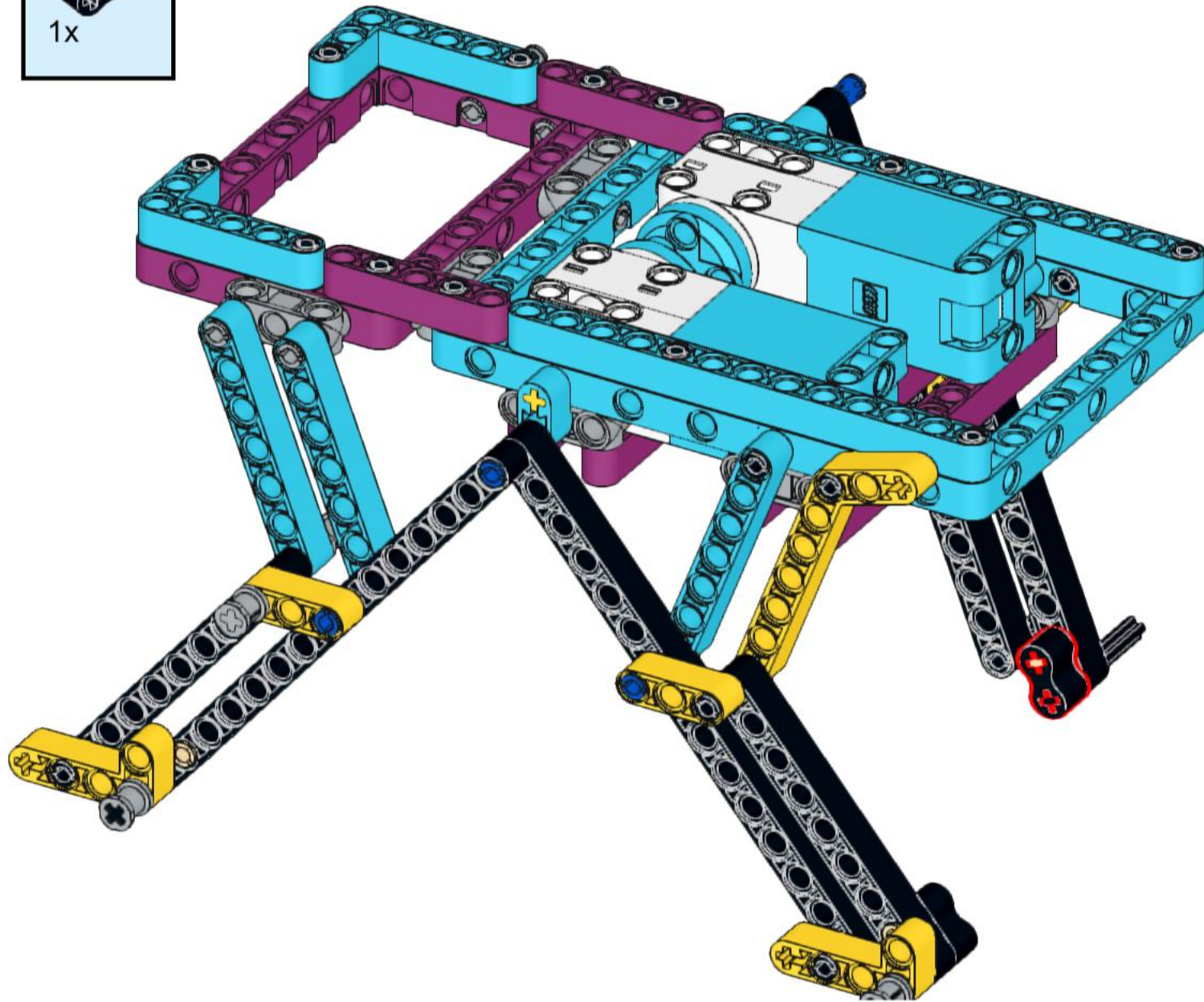
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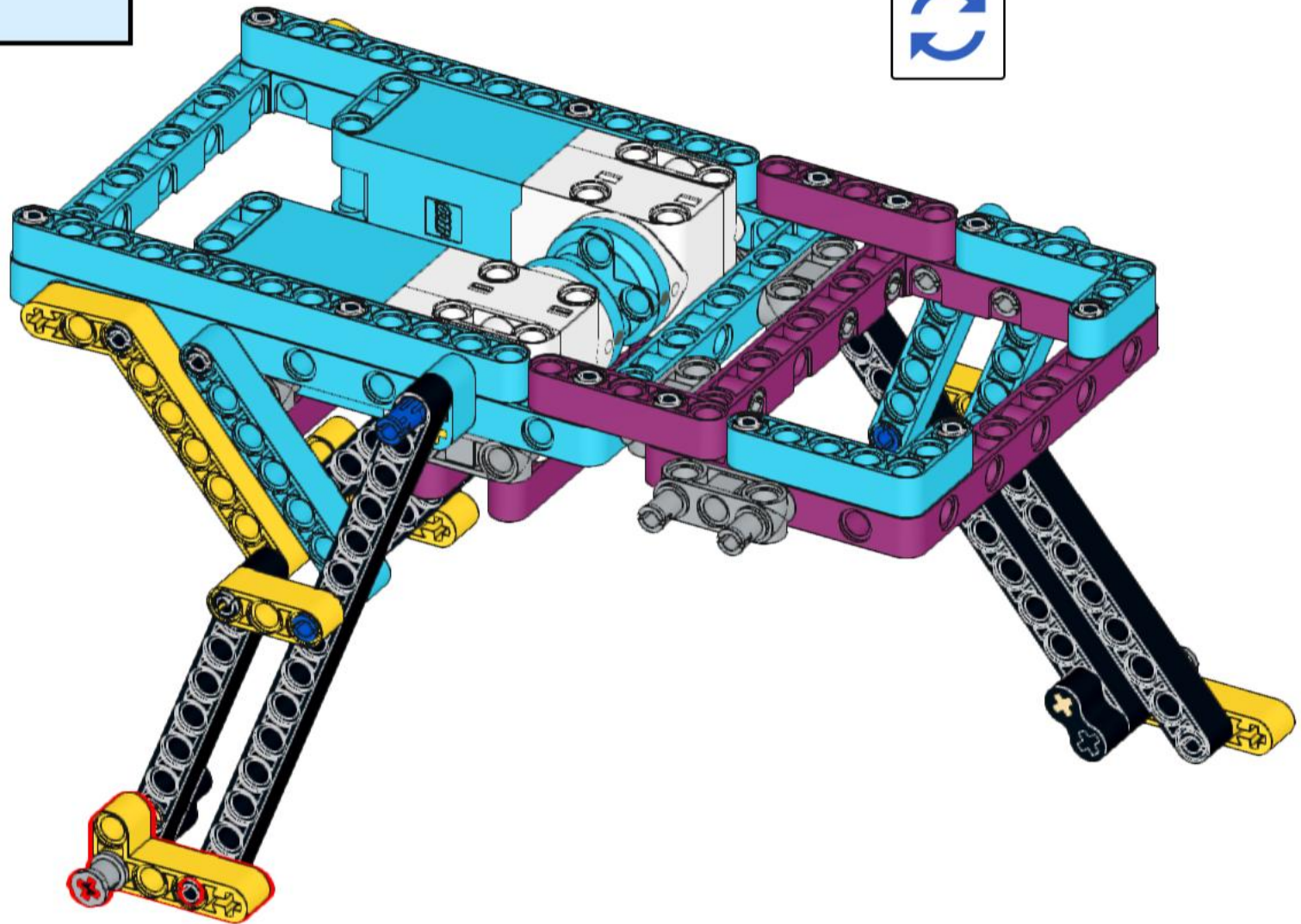
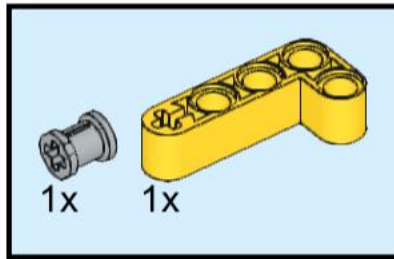
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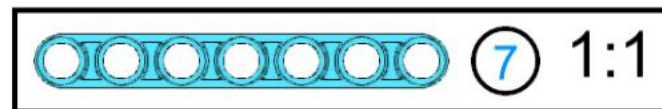
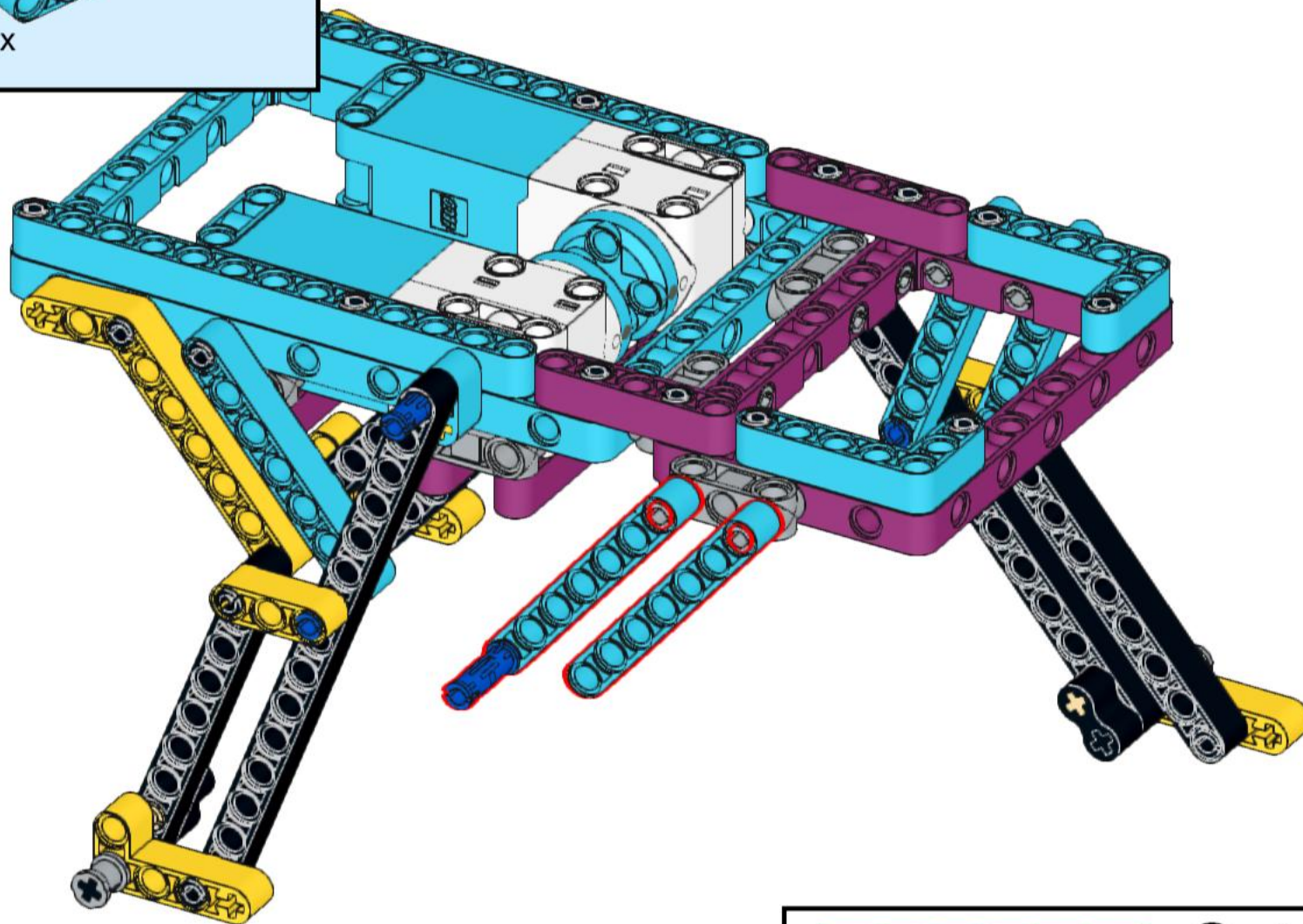
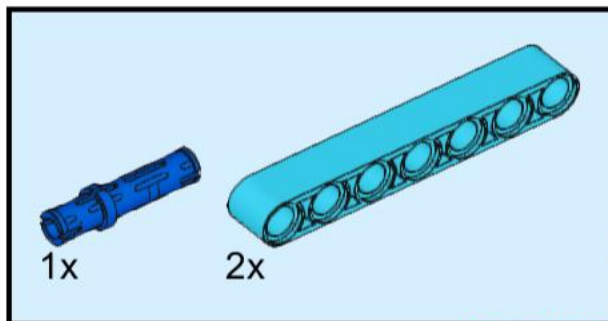
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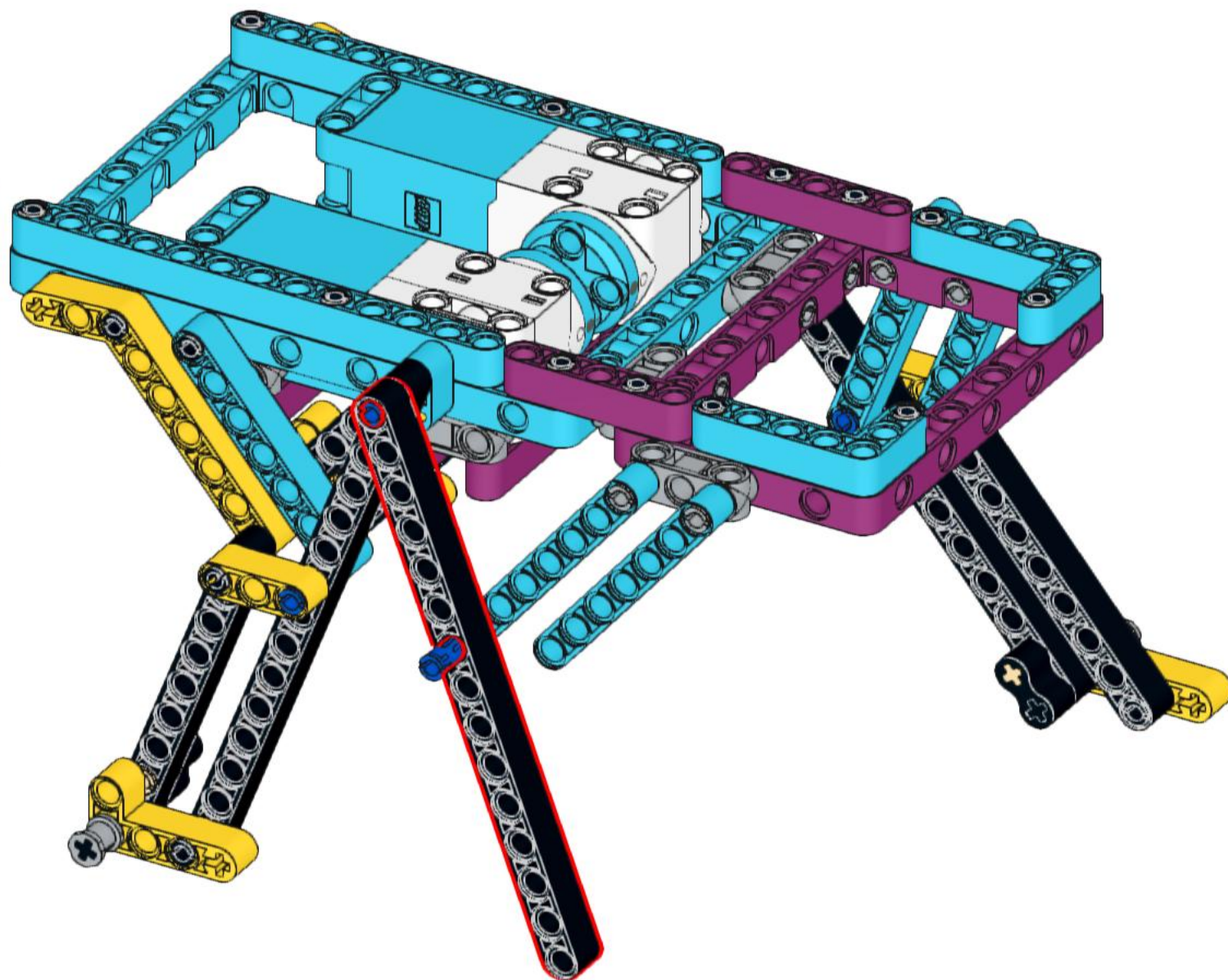
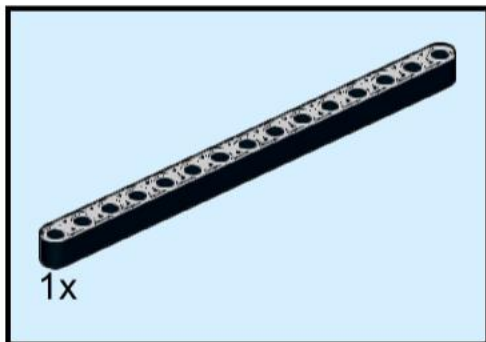
# 36



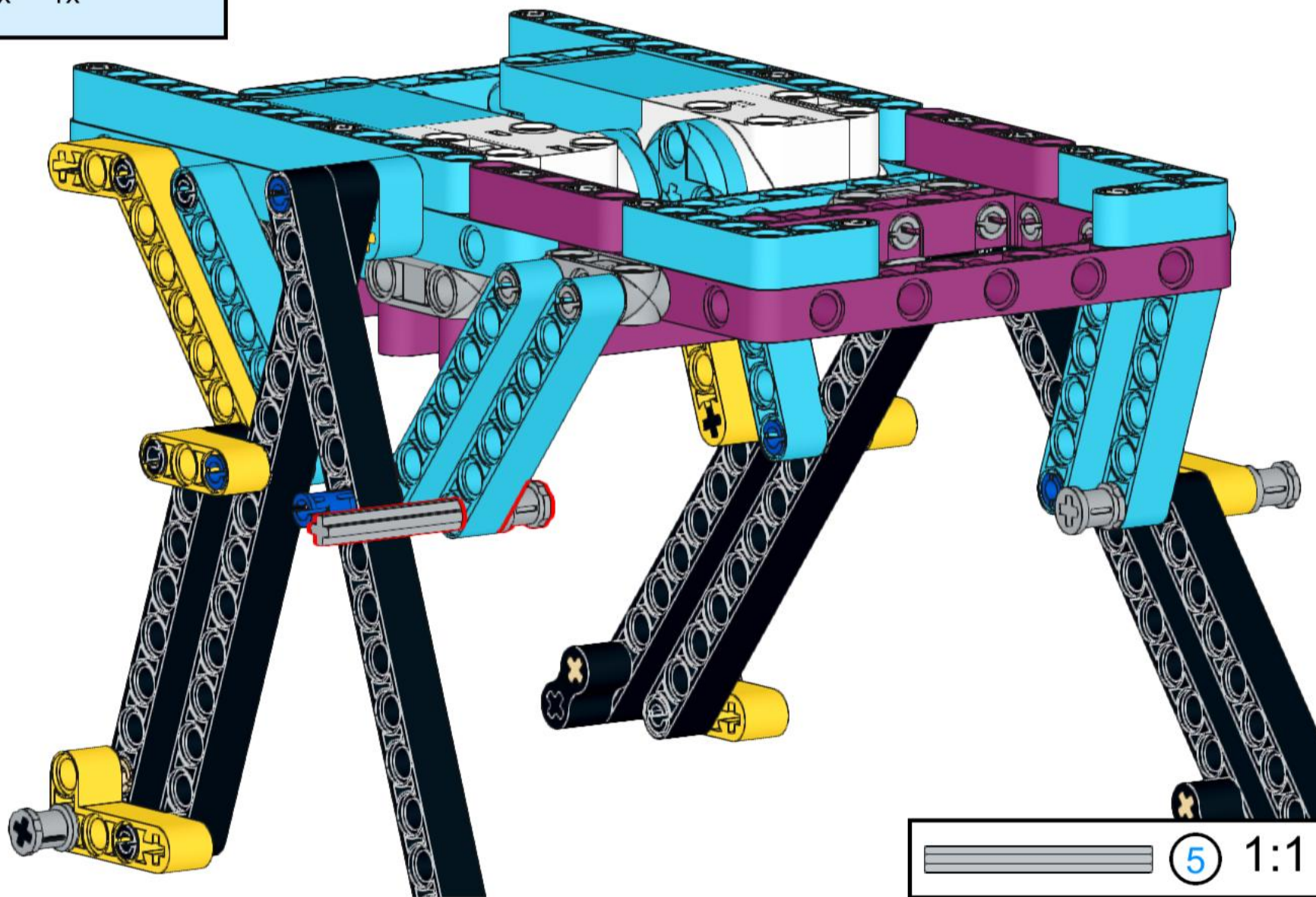
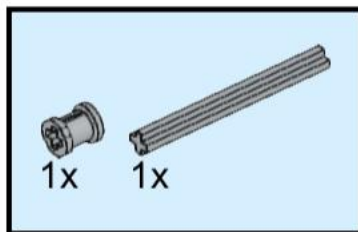
# 37



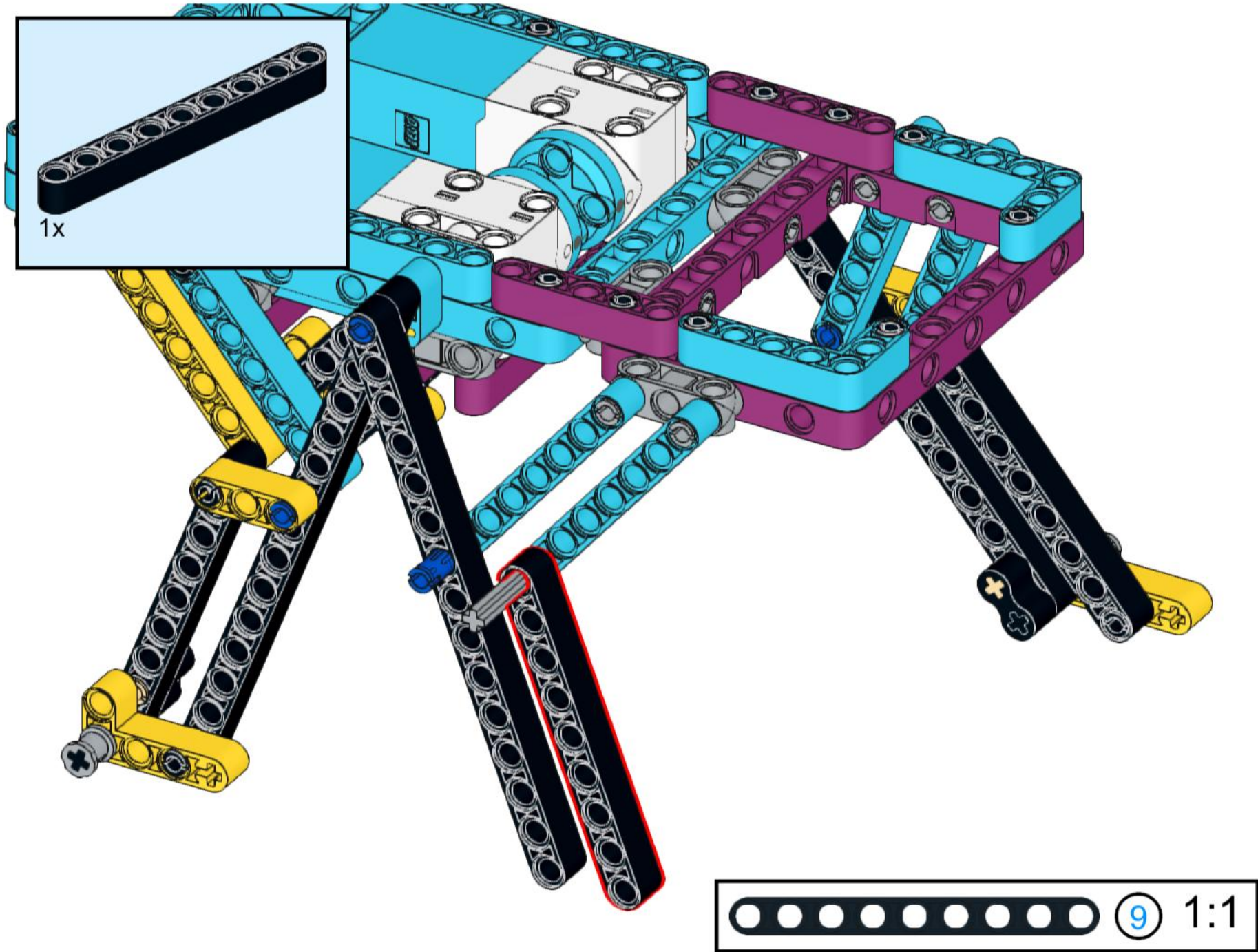
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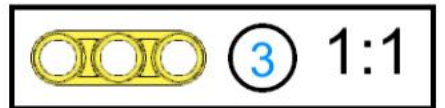
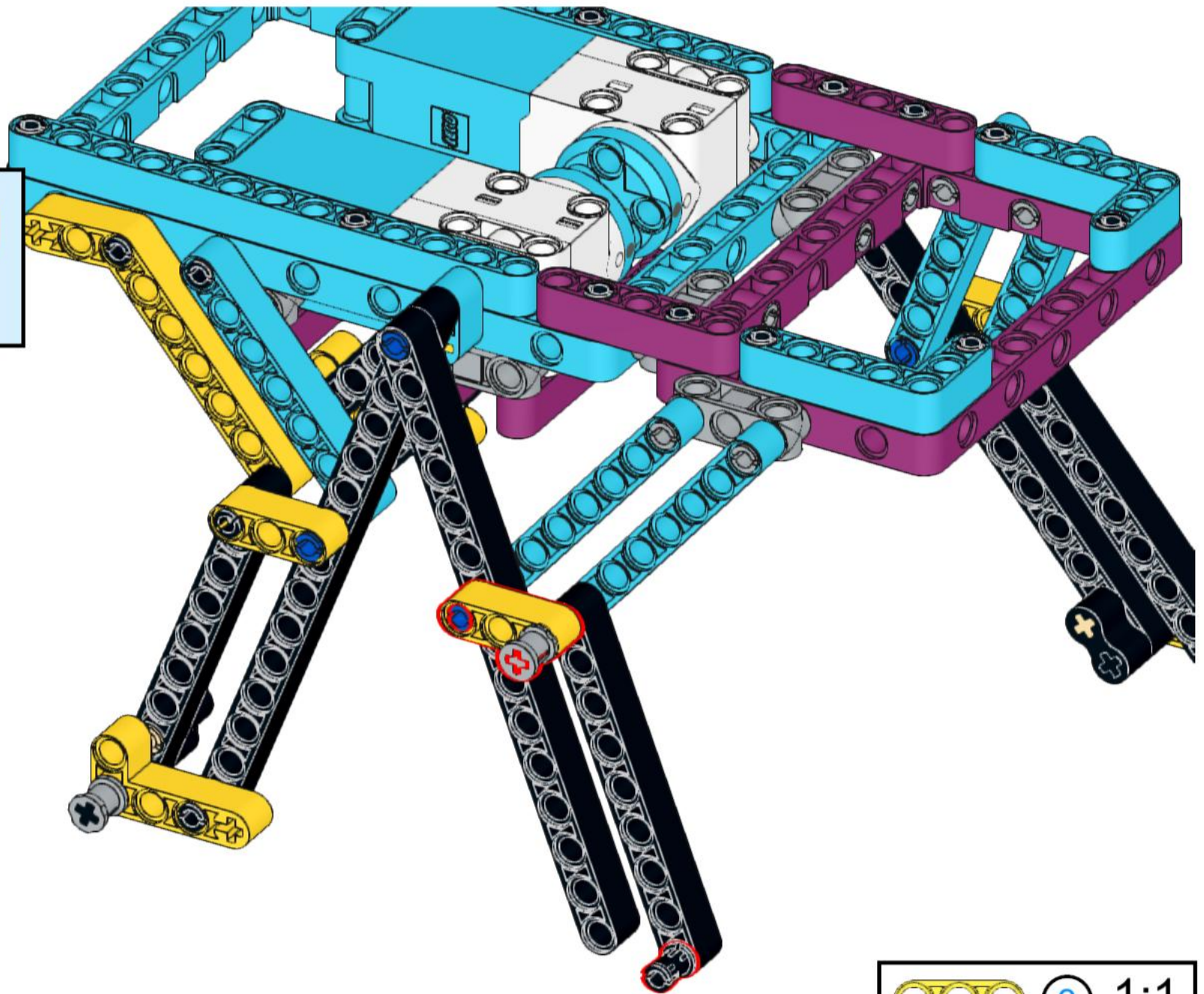
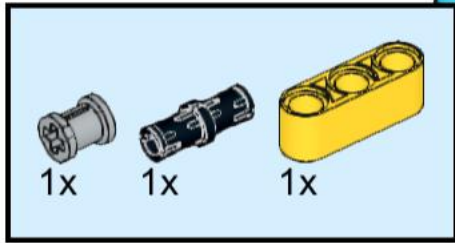
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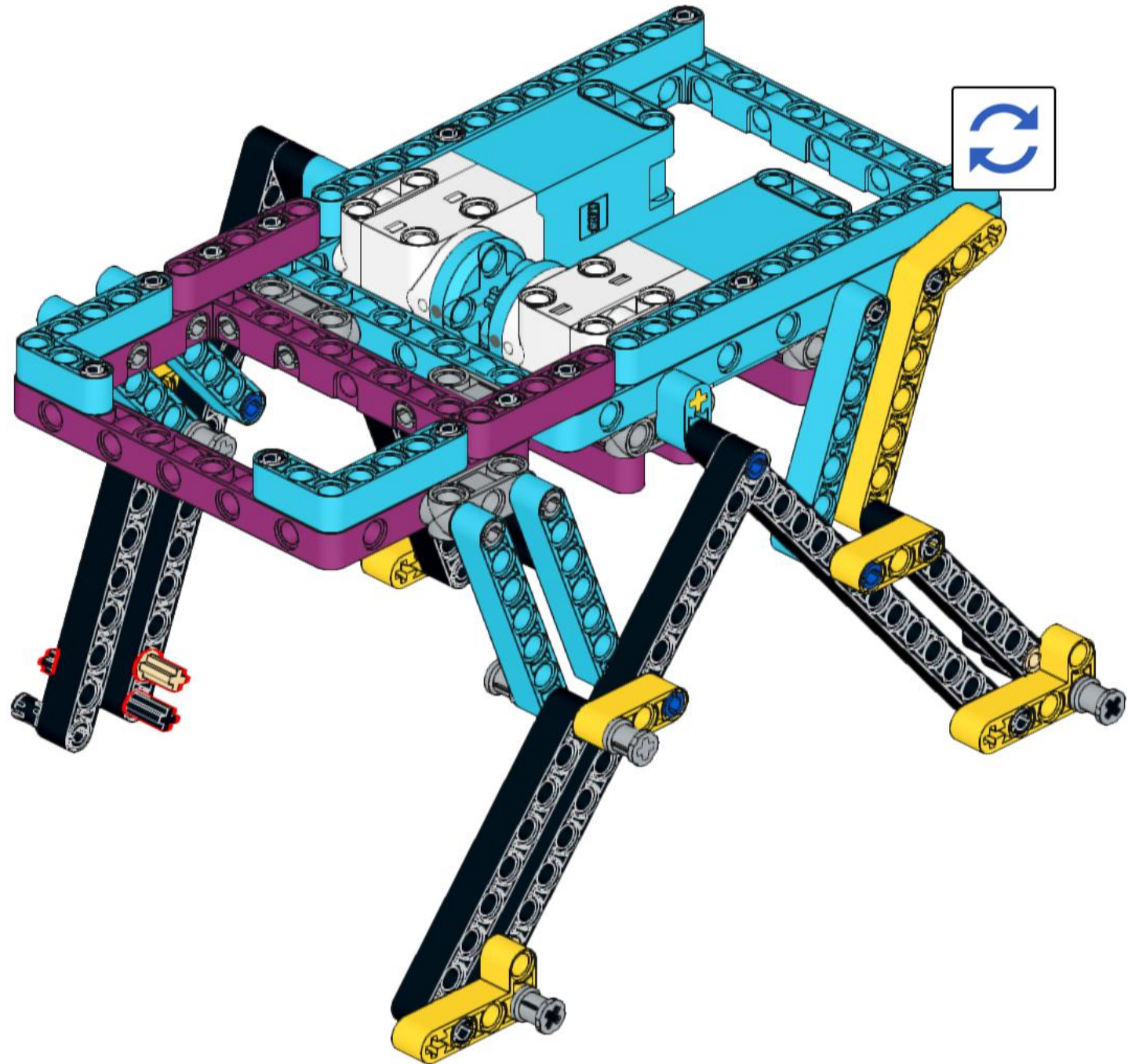
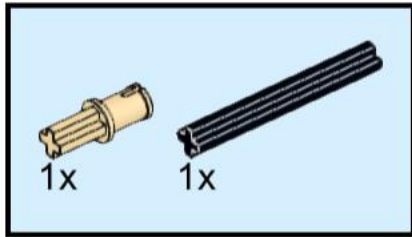
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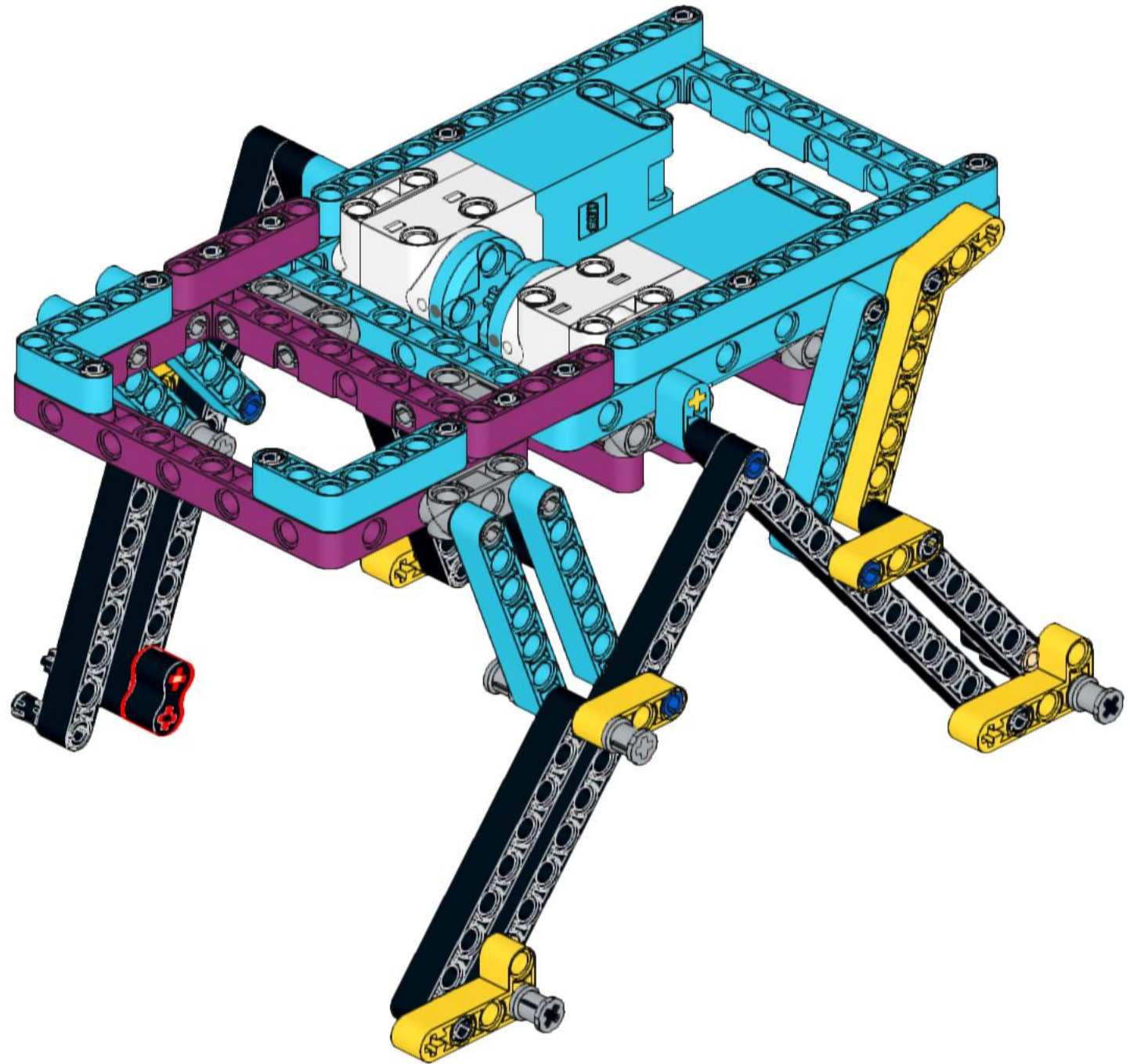
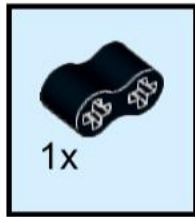
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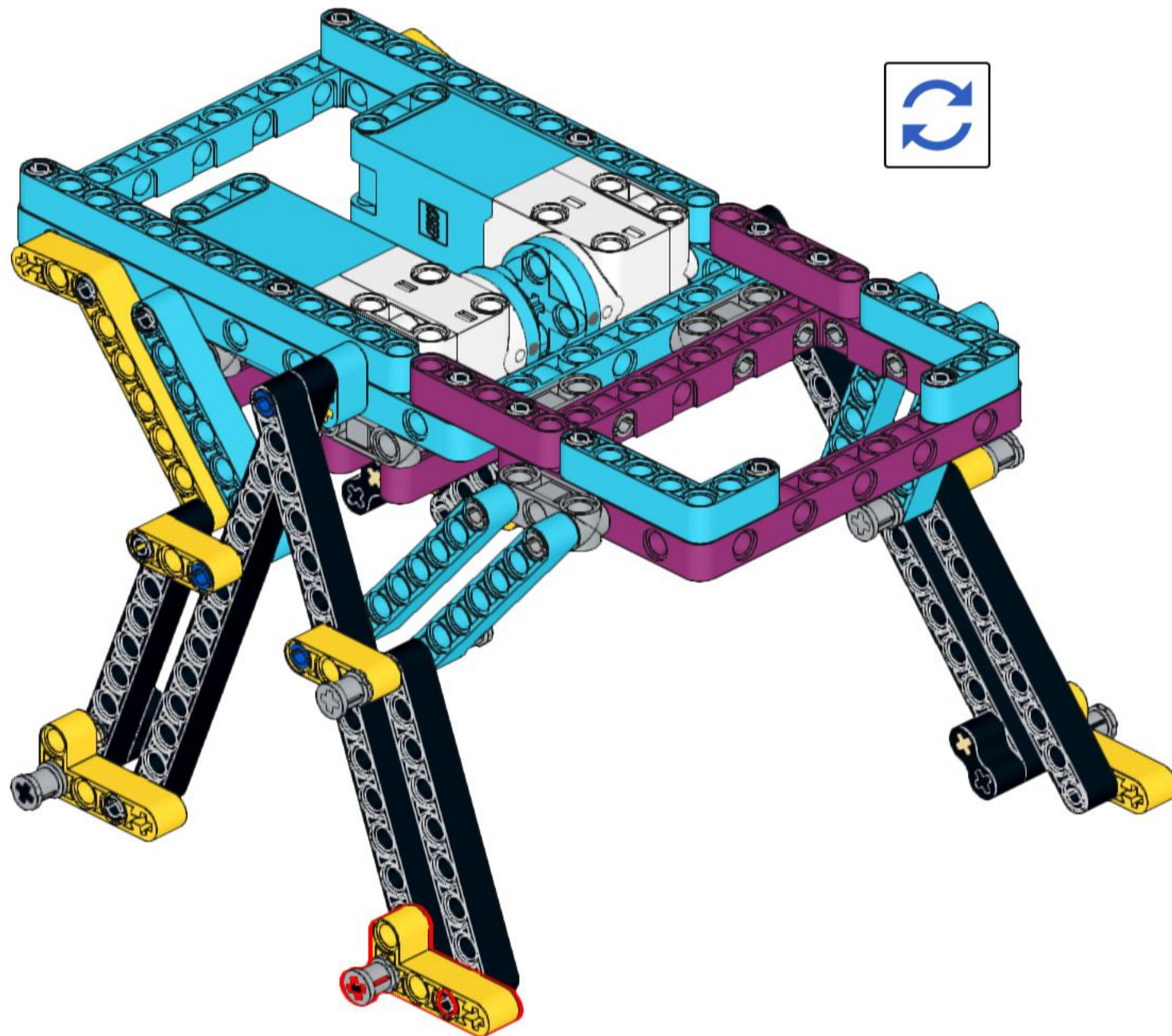
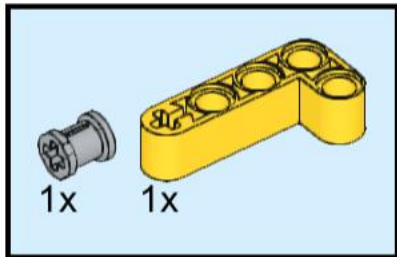
# 42



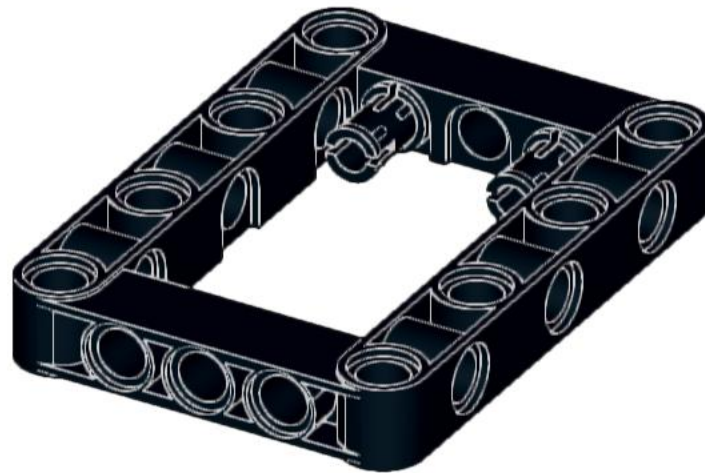
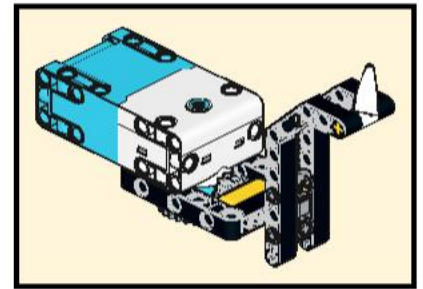
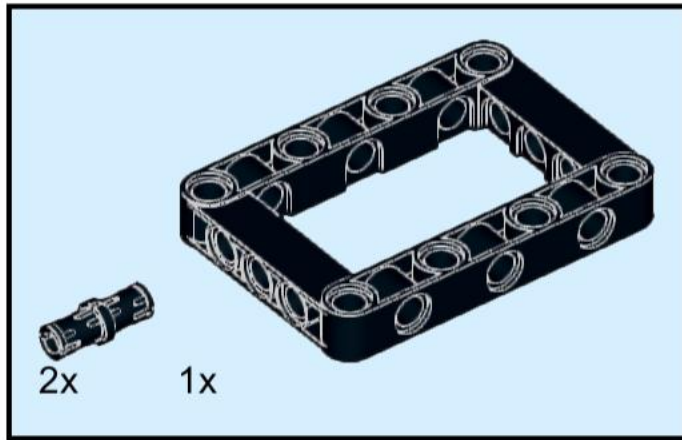
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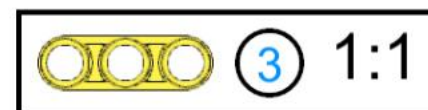
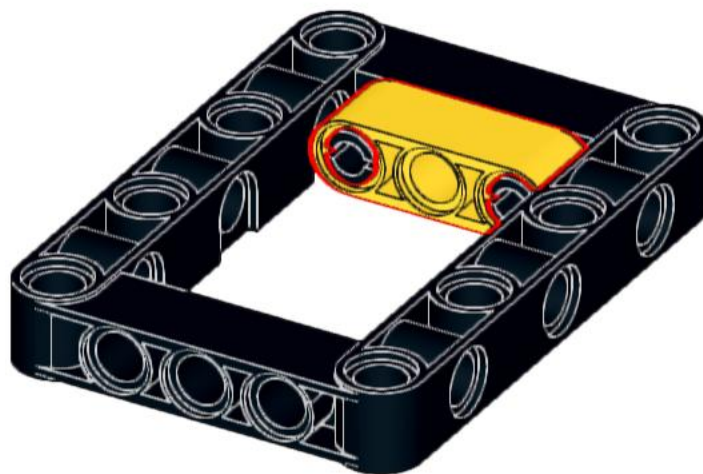
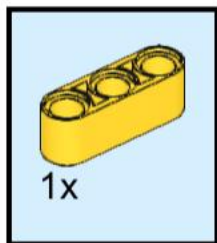
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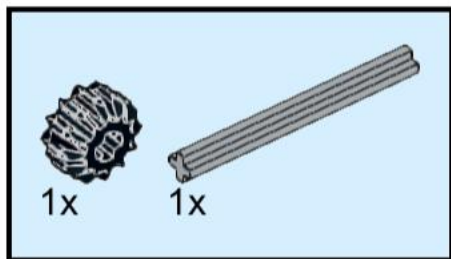
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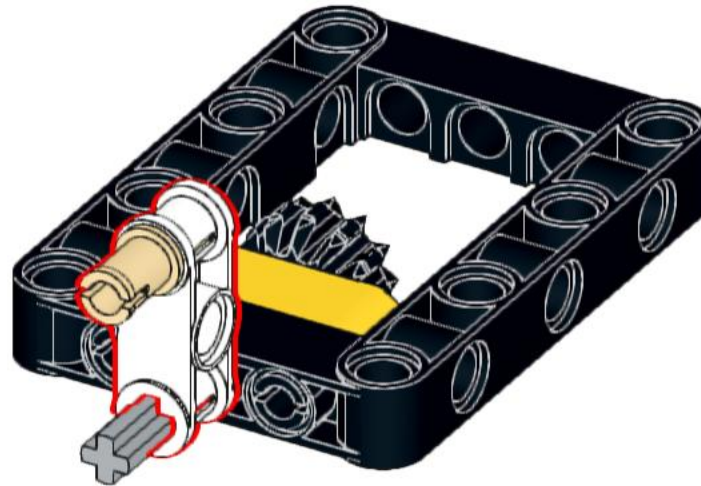
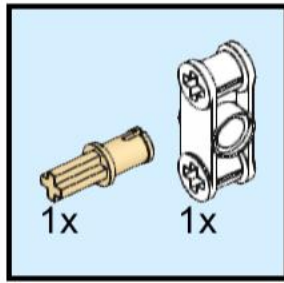
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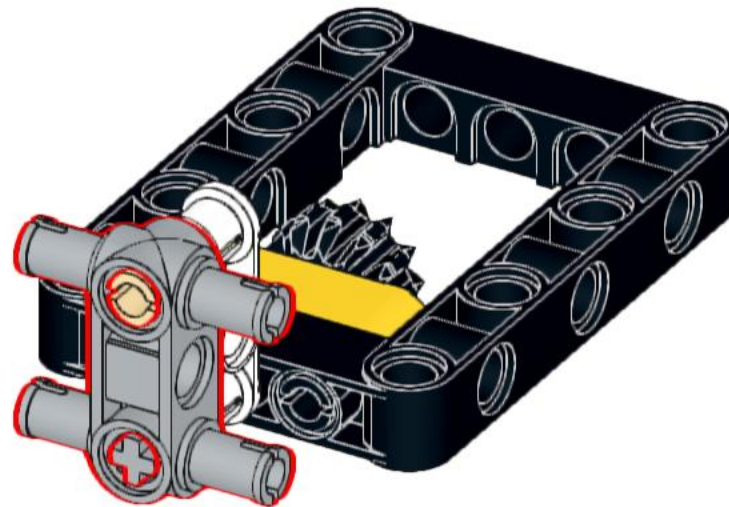
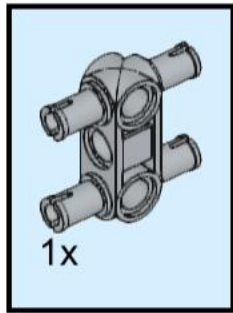
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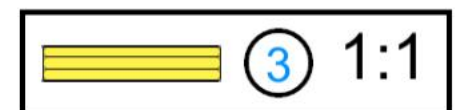
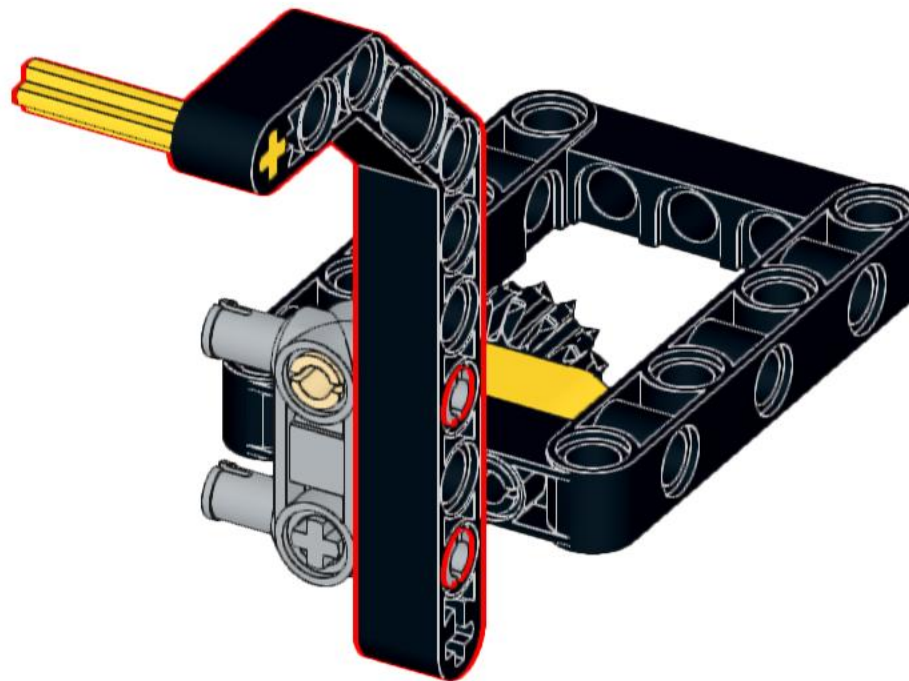
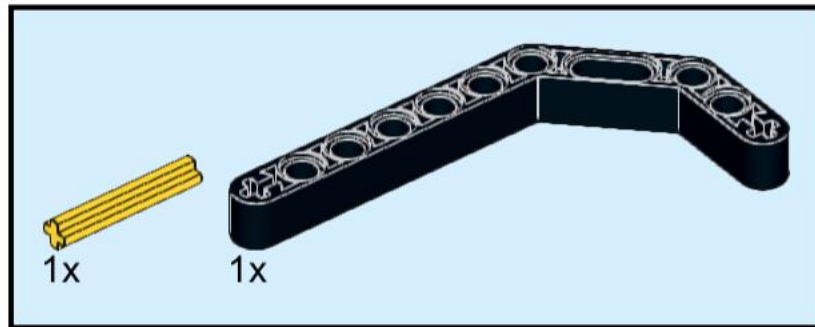
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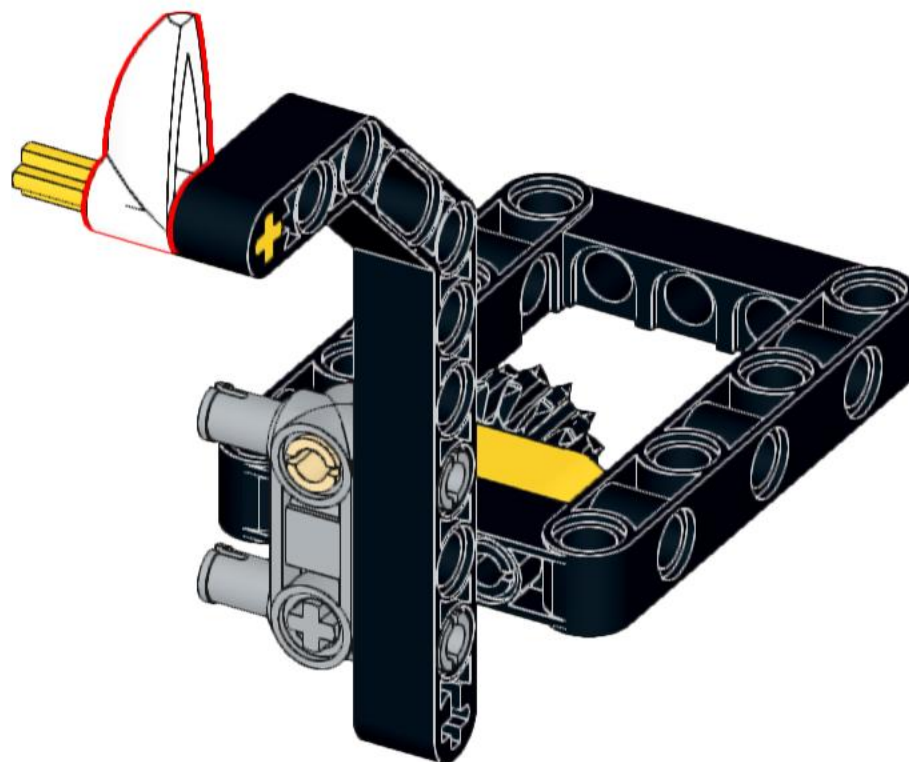
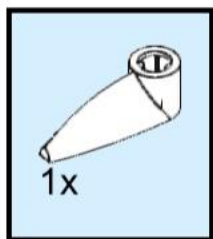
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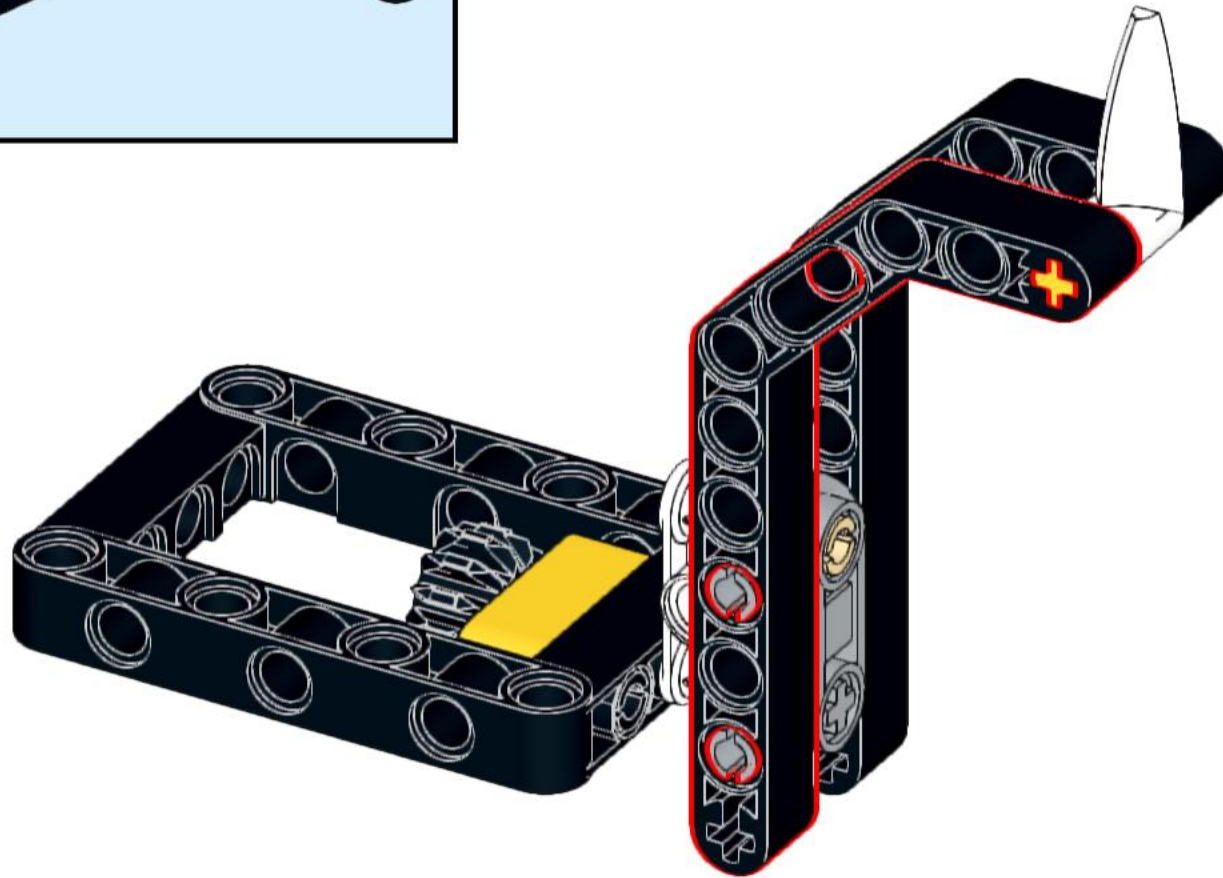
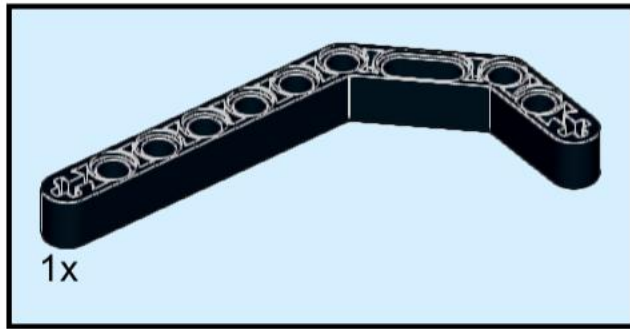
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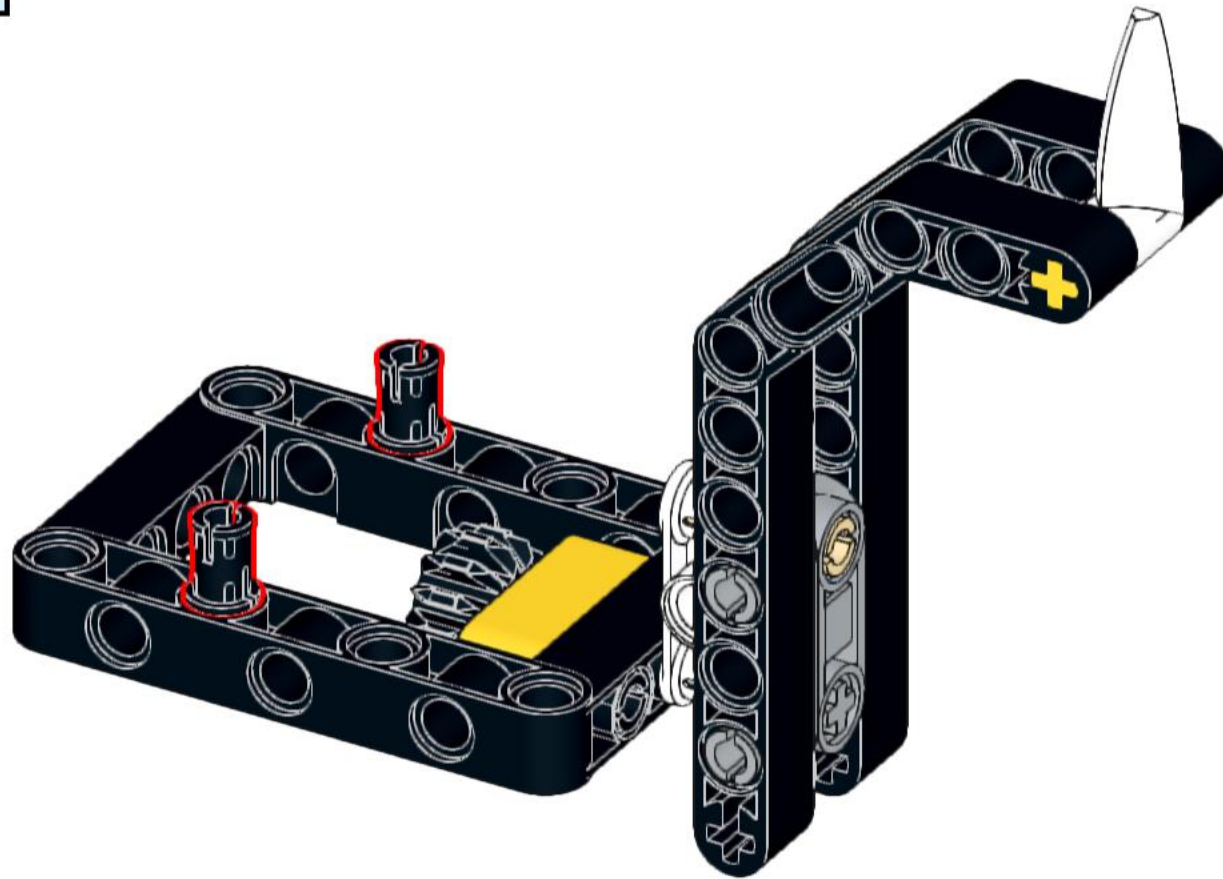
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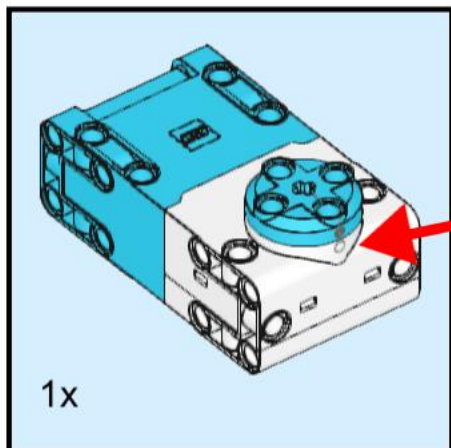
# 52



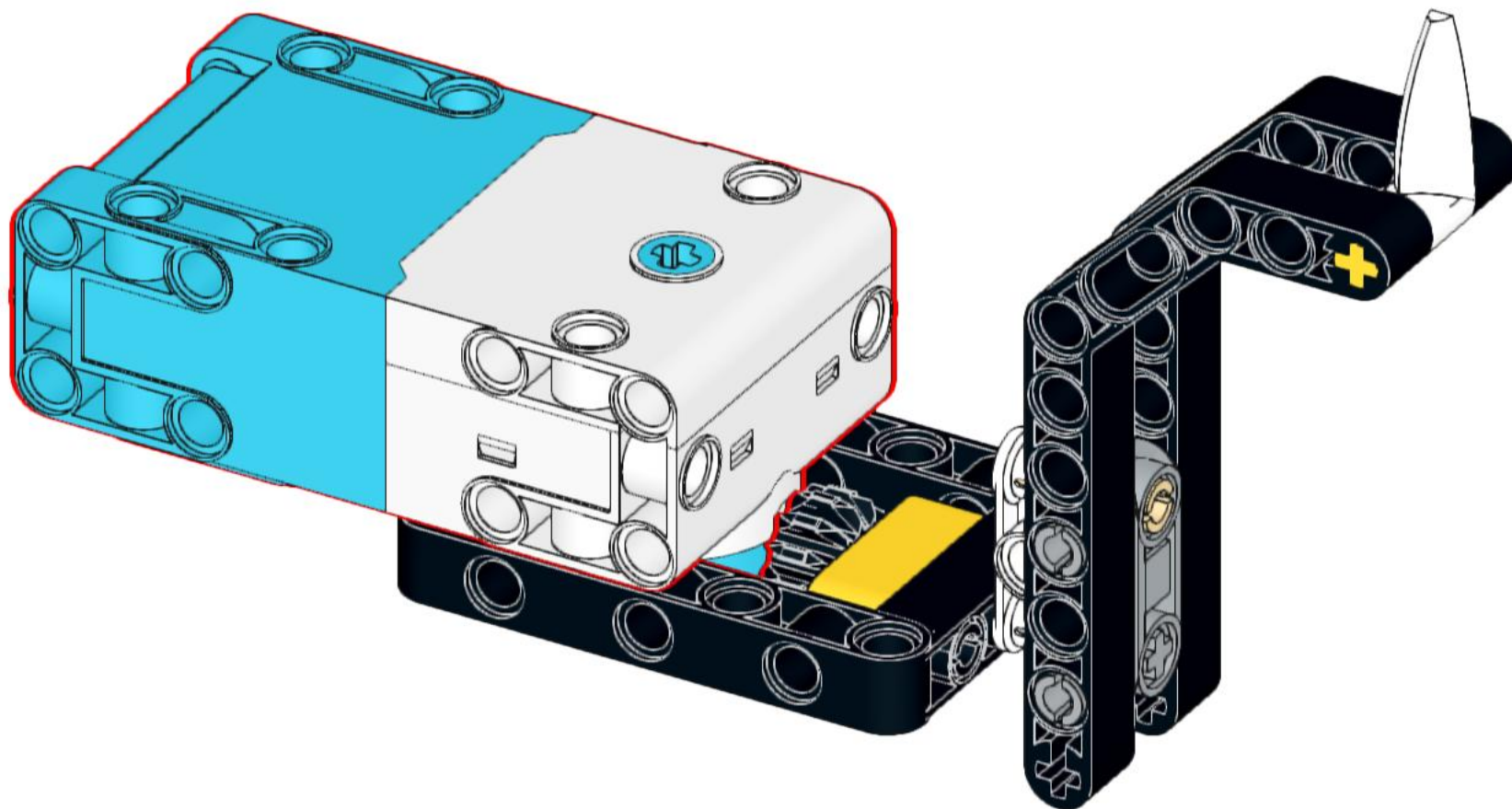
# 53



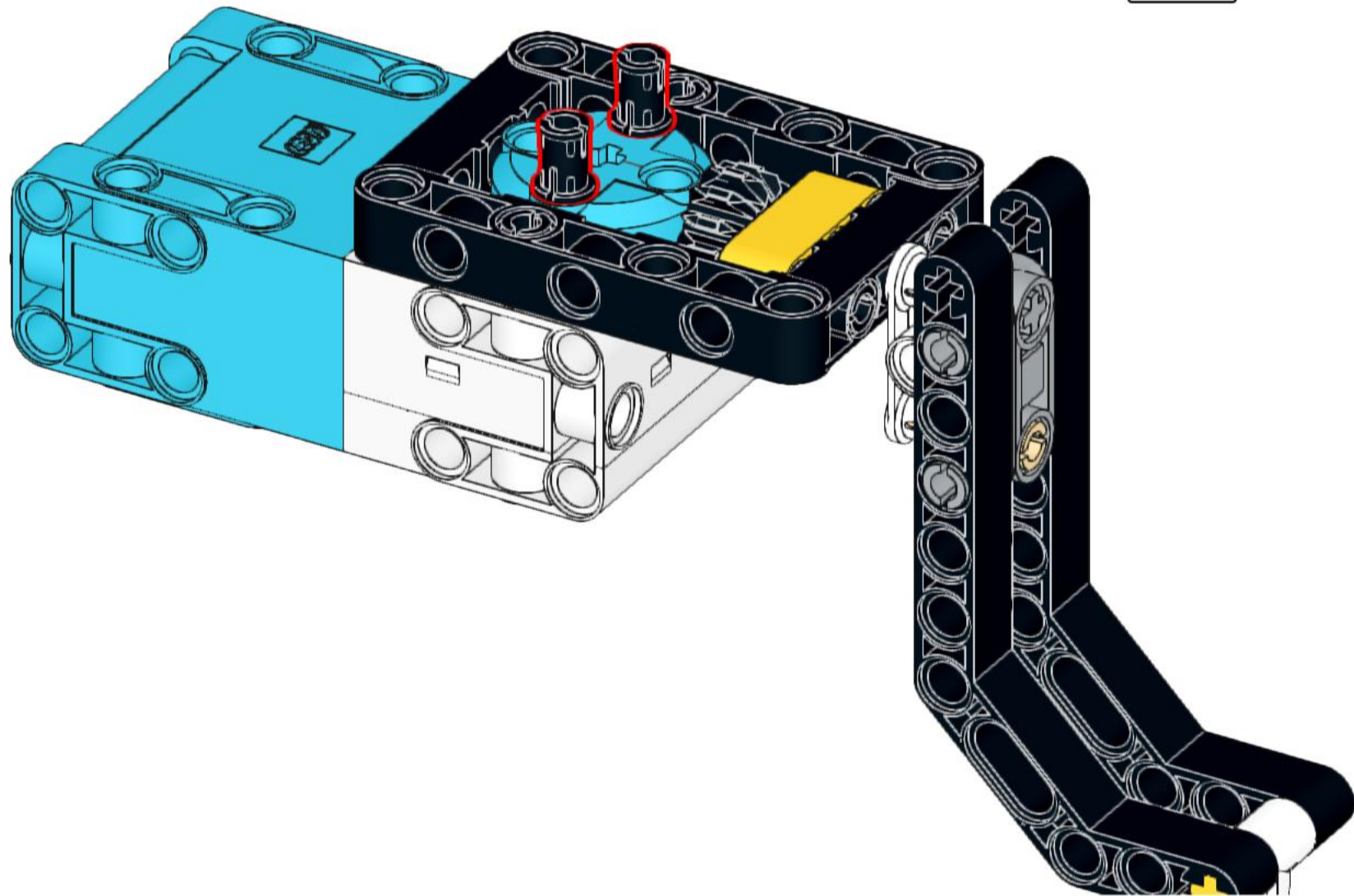
# 54



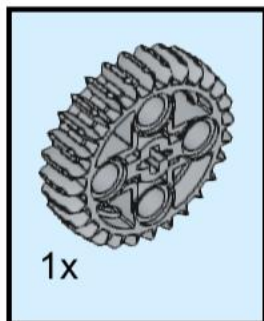
Ensure the grey dot and circle are aligned on the large motor before fitting to the frame.



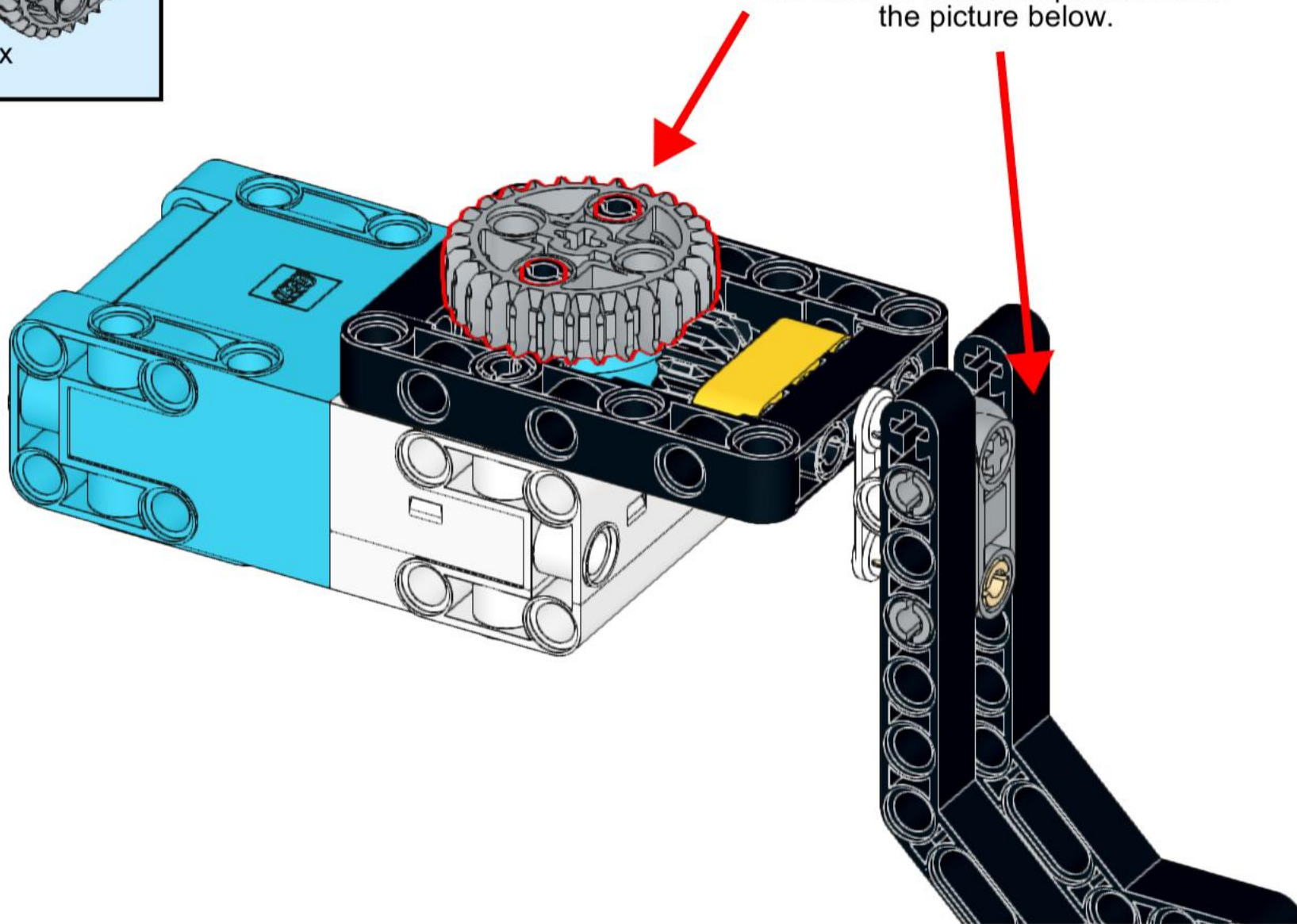
# 55



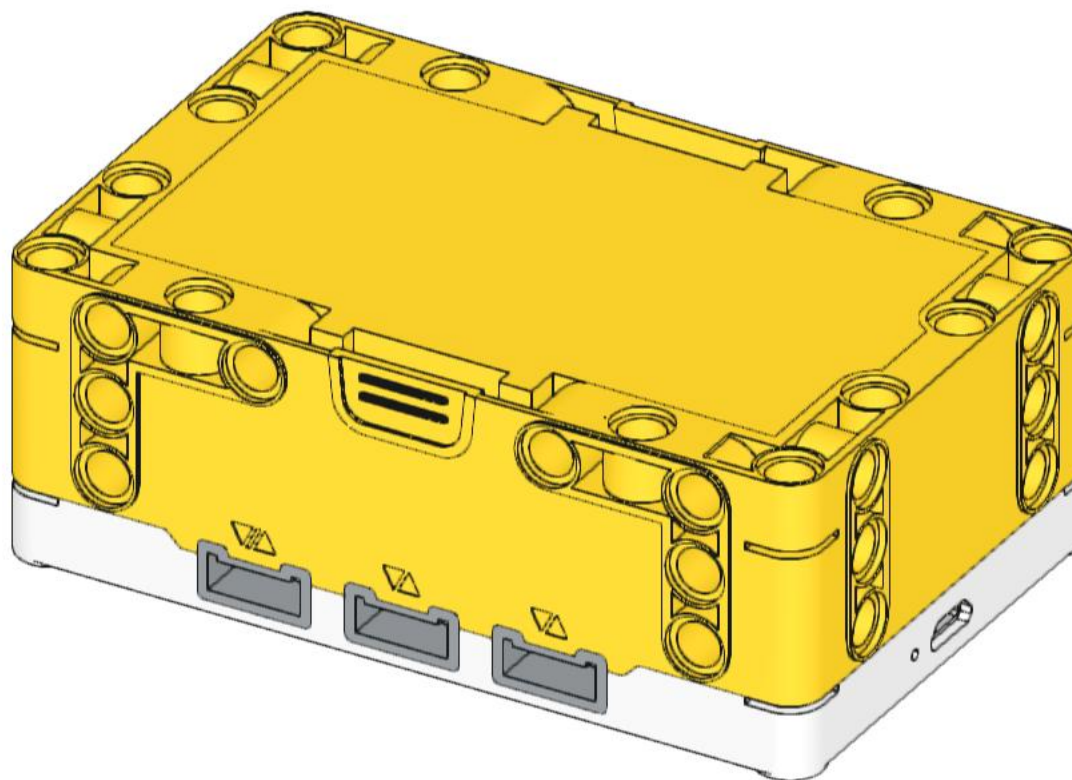
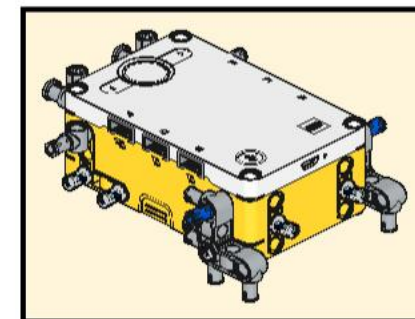
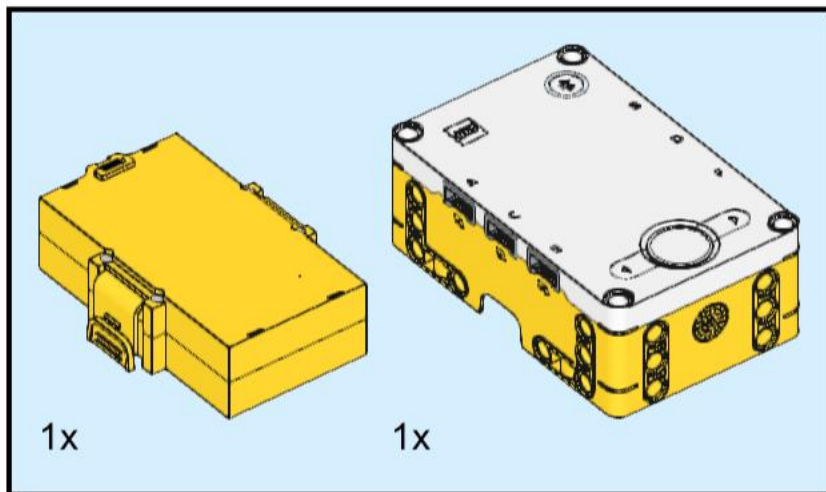
# 56



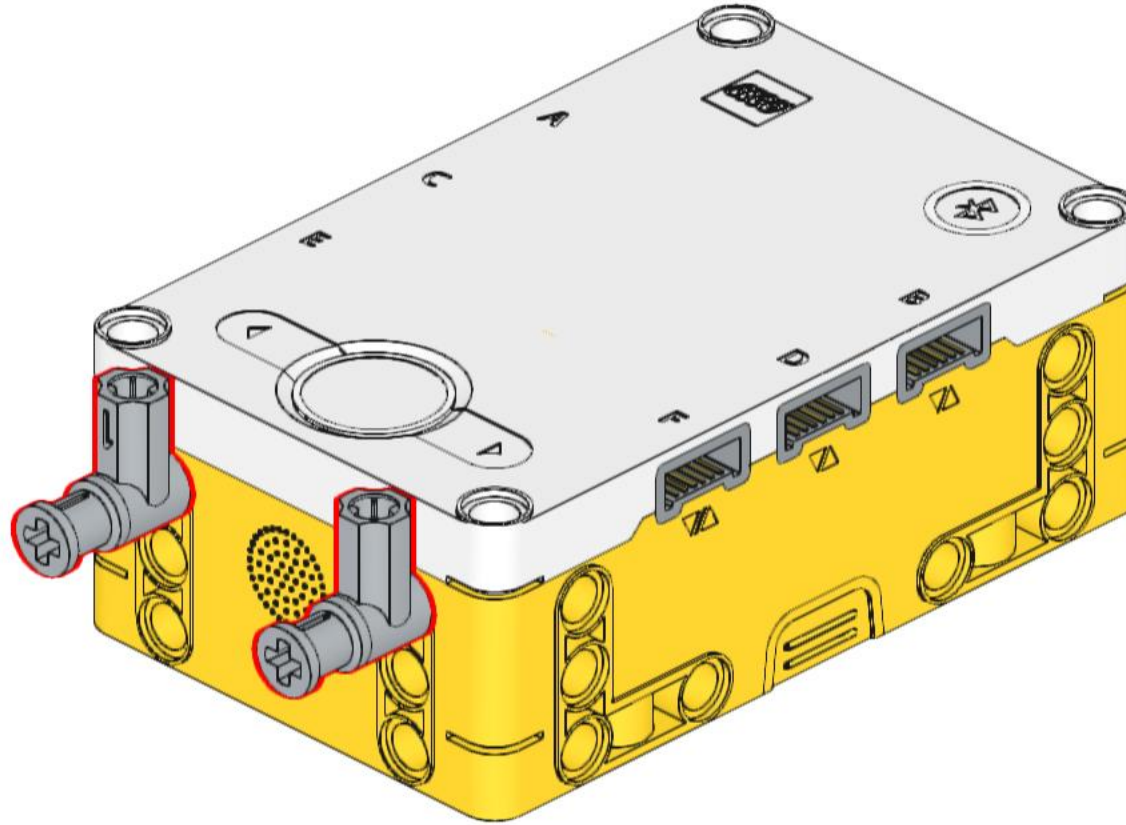
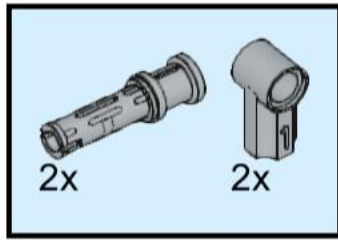
When the grey gear is fitted ensure the tail is in the same position as in the picture below.



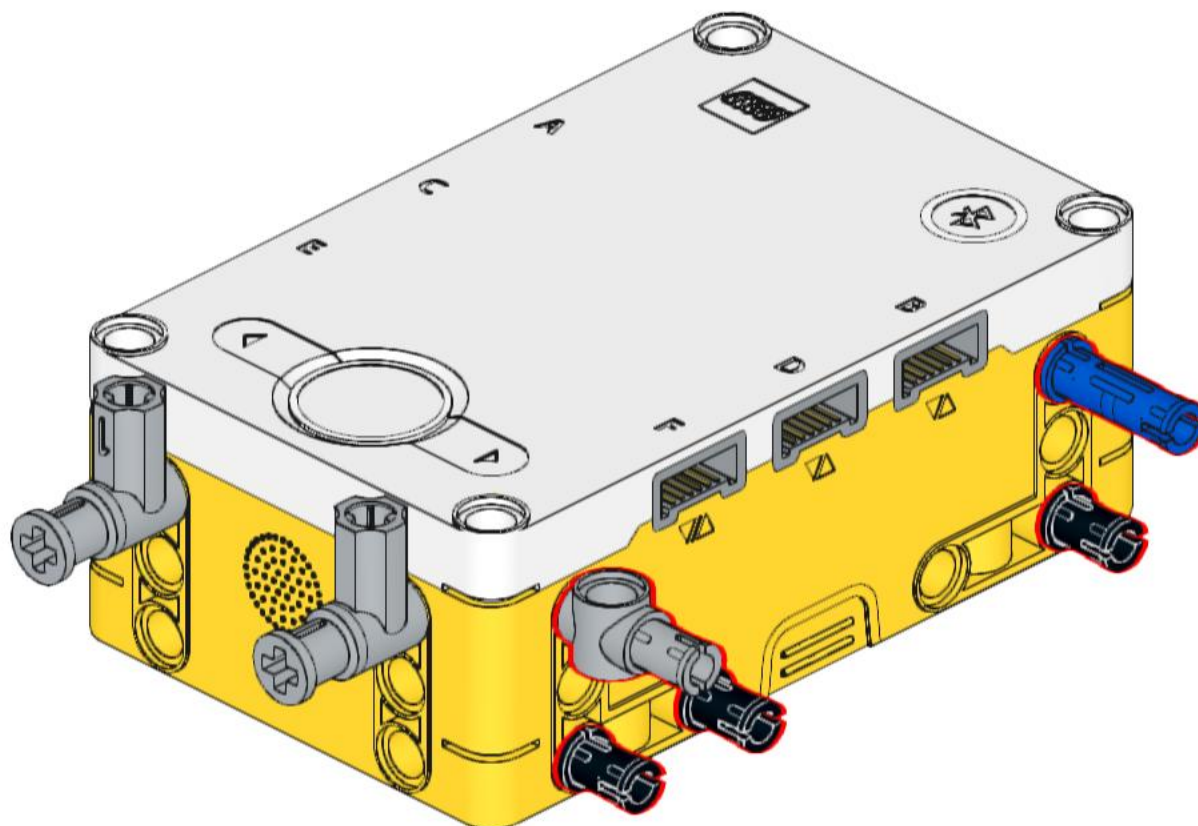
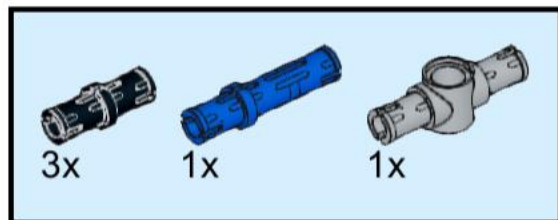
# 57



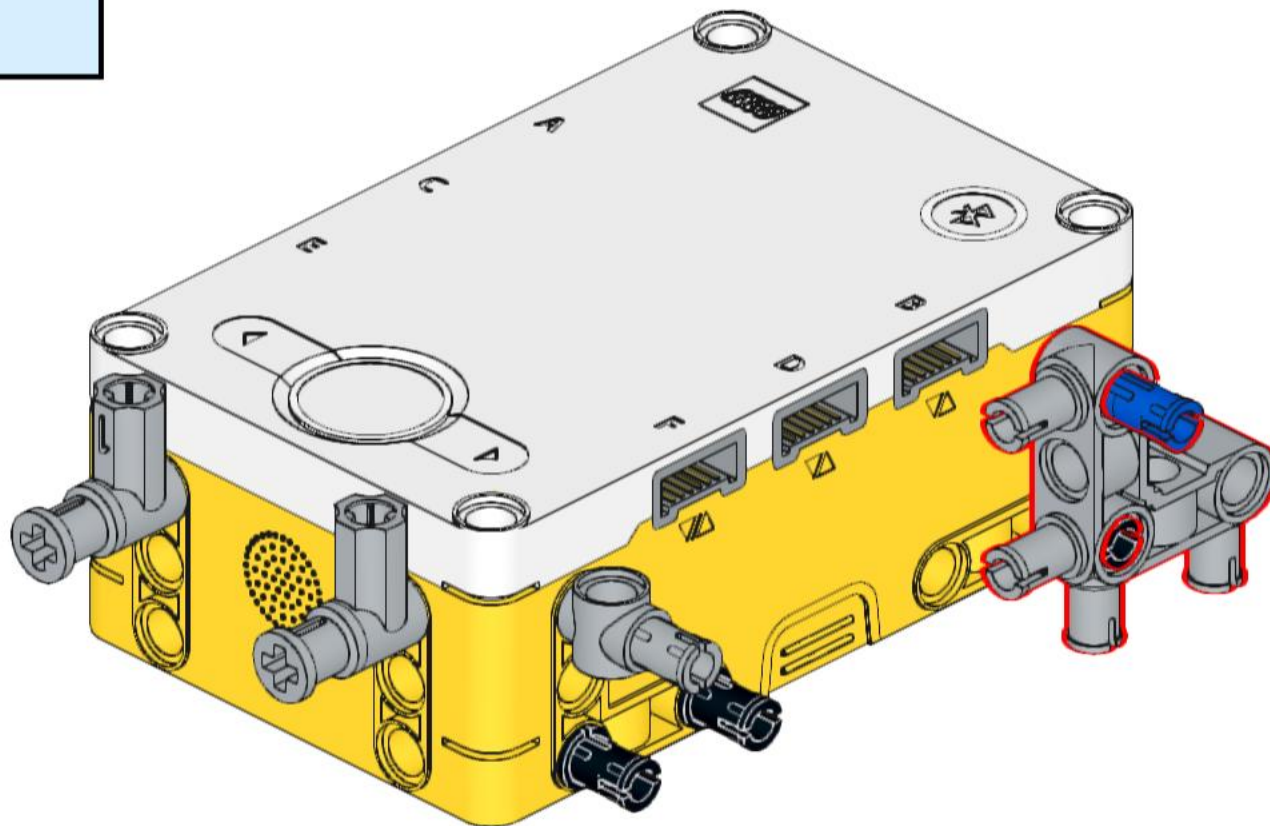
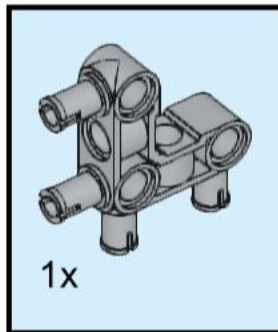
# 58



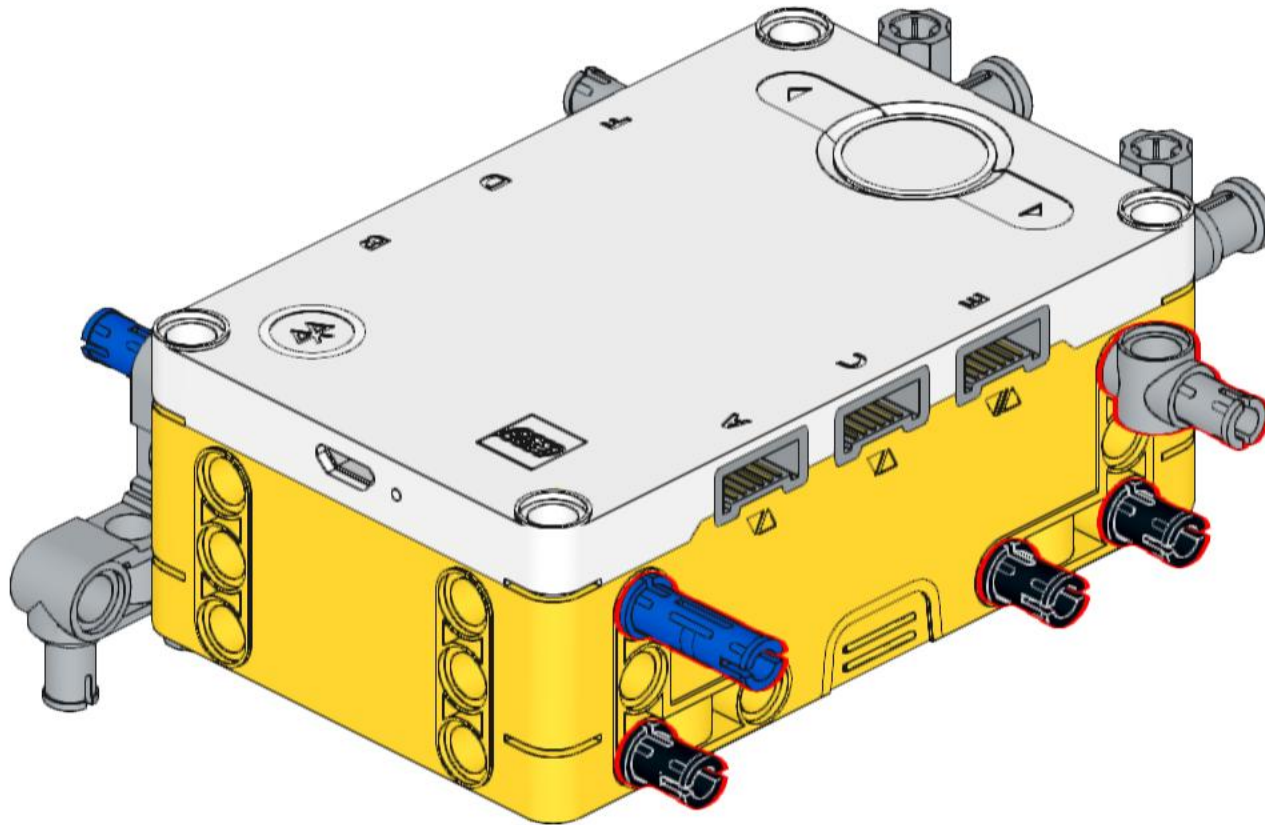
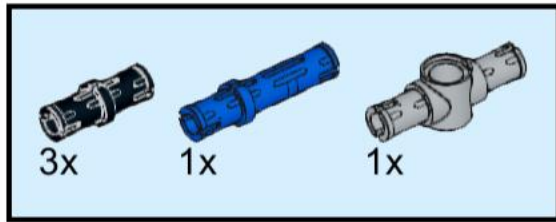
# 59



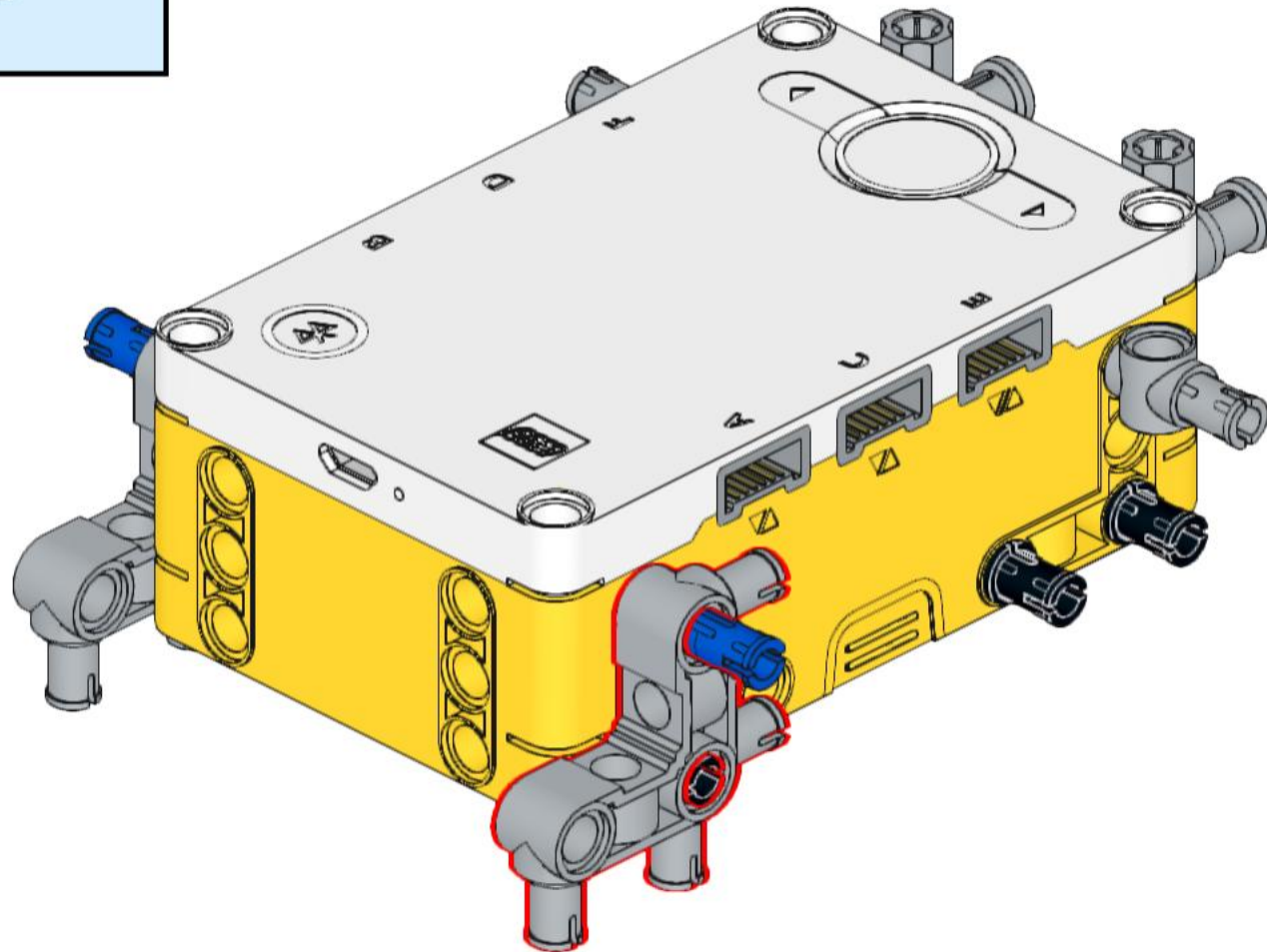
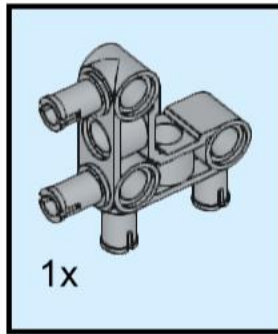
# 60



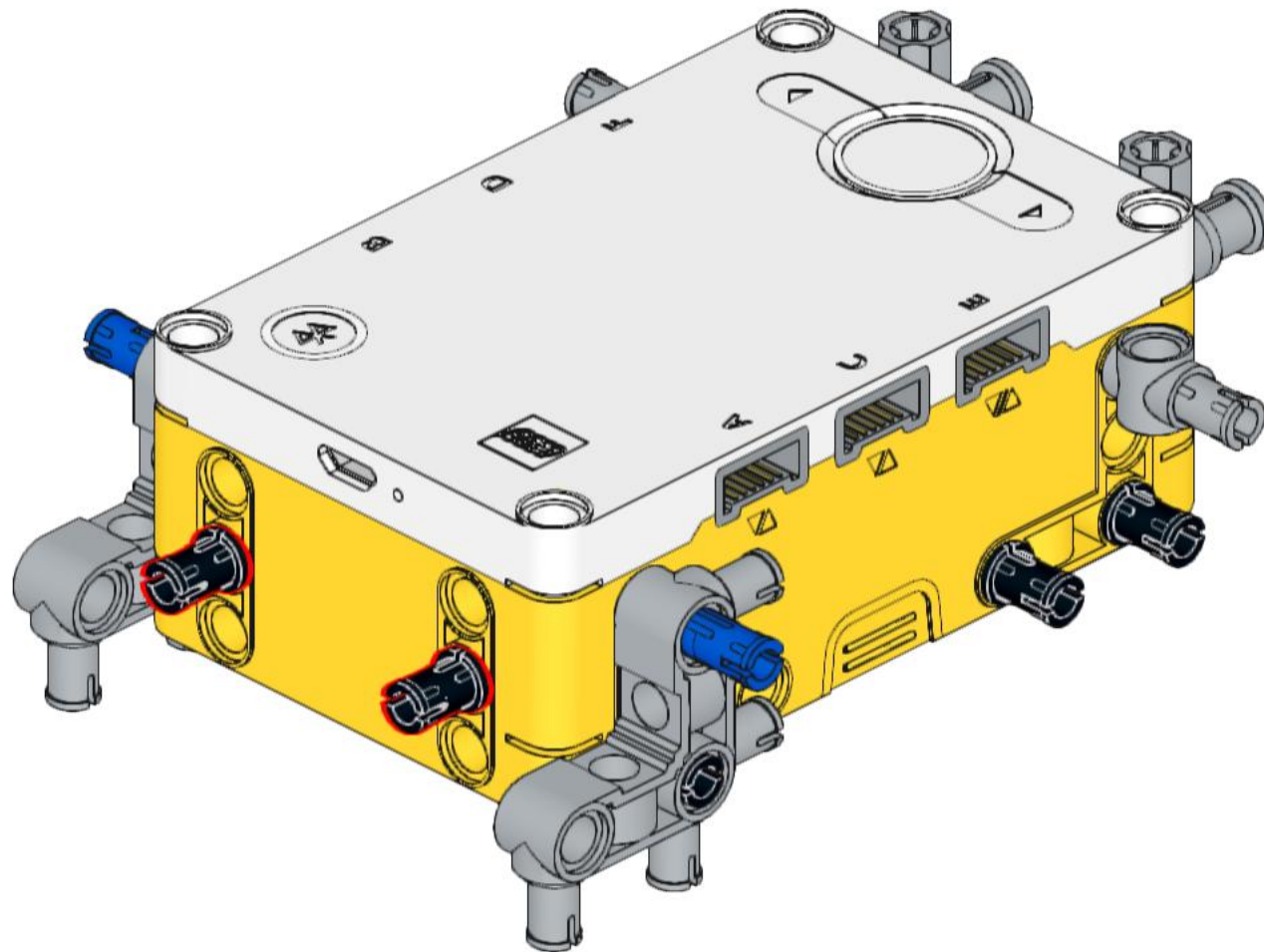
# 61



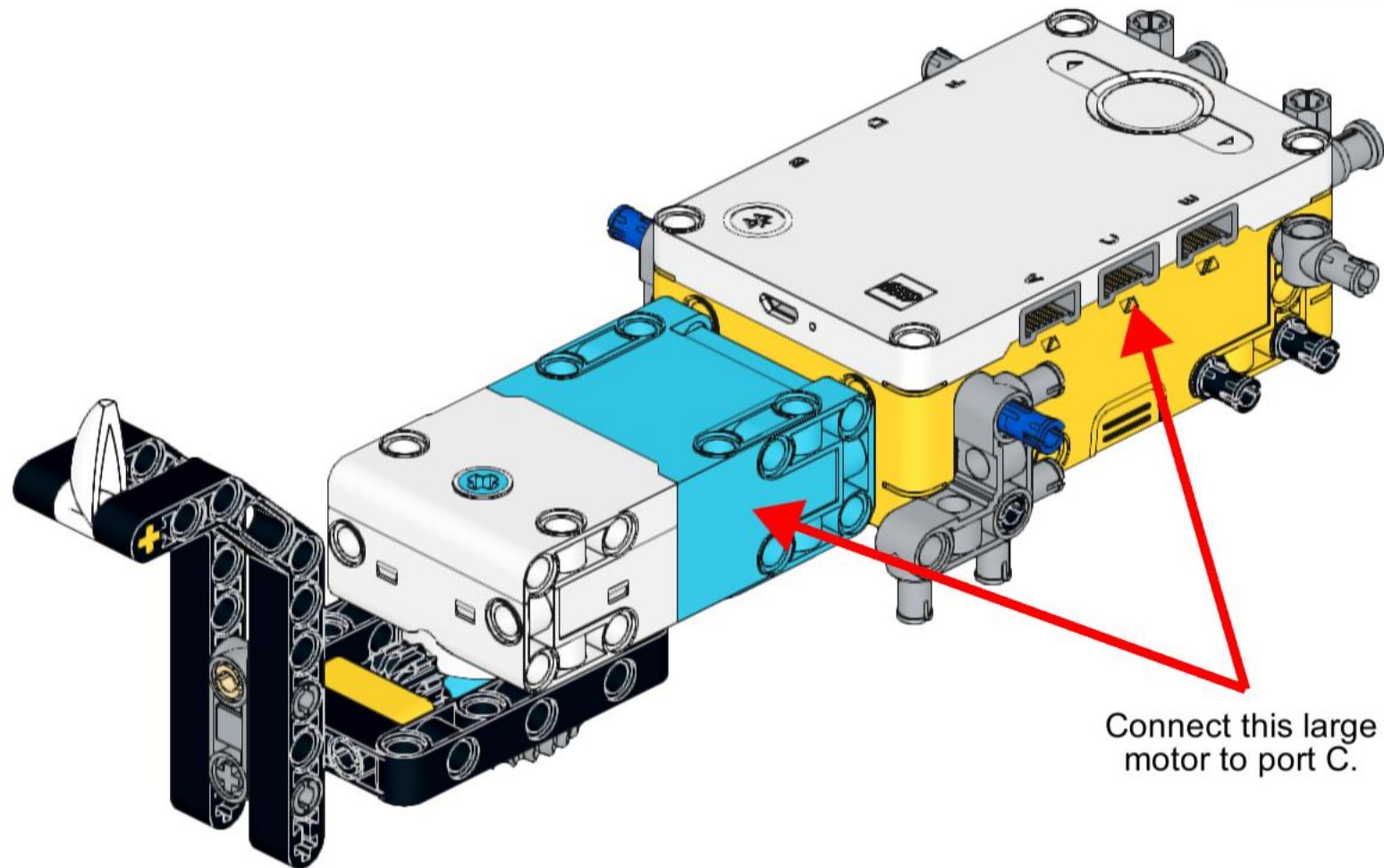
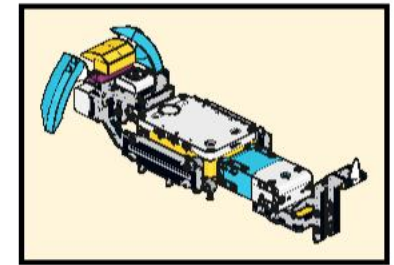
# 62



# 63

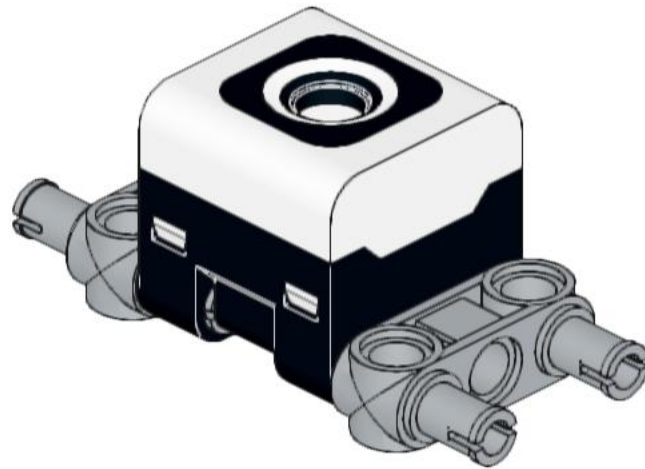
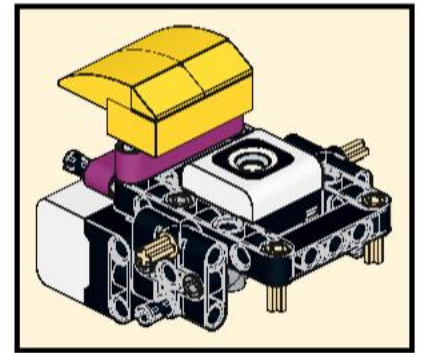
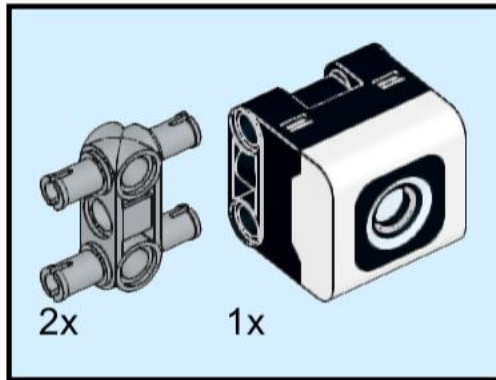


# 64

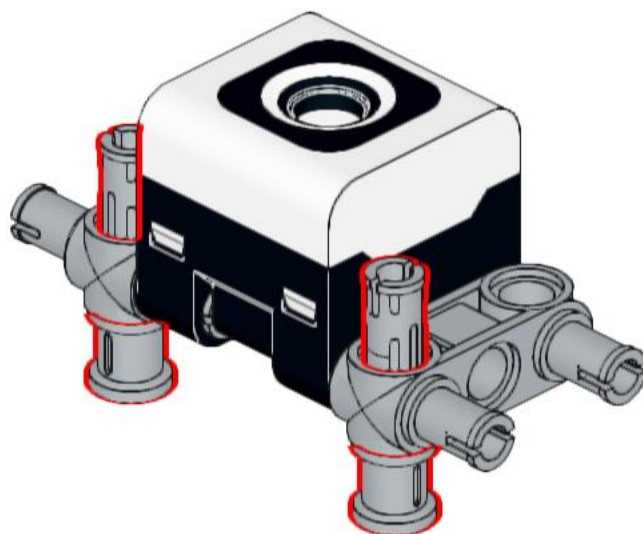
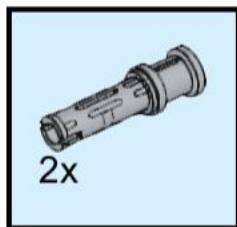


Connect this large motor to port C.

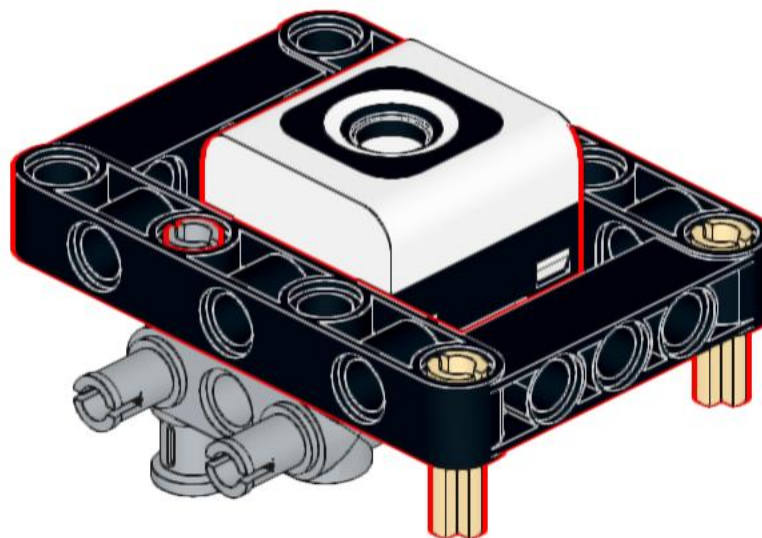
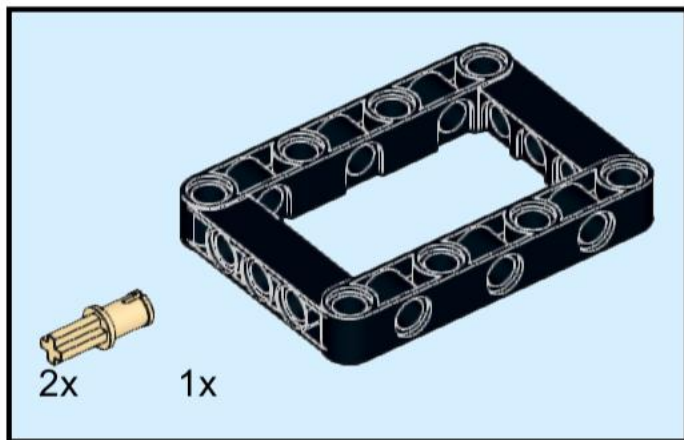
# 65



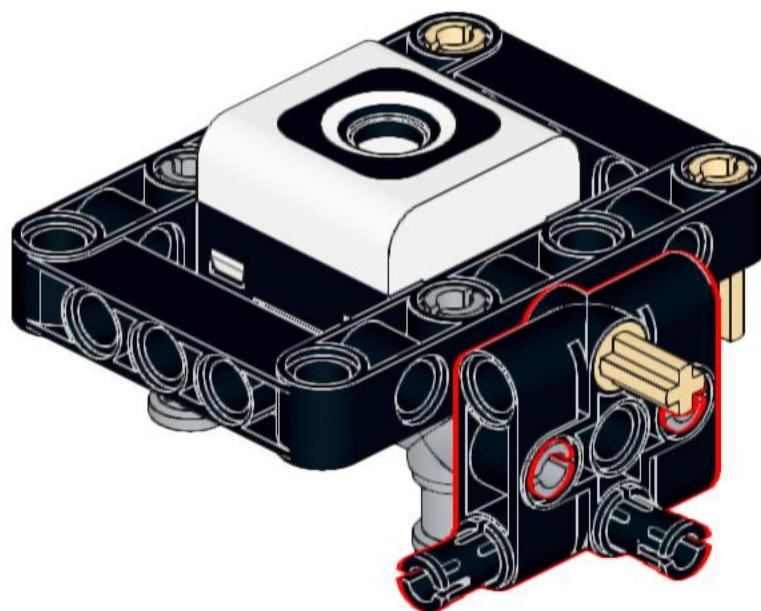
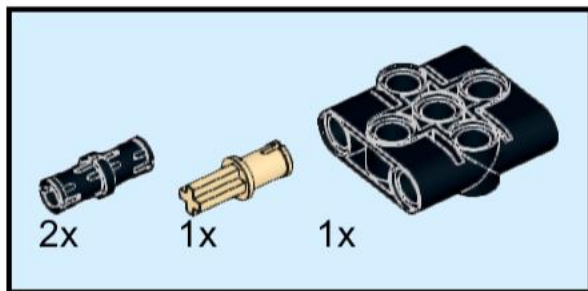
# 66



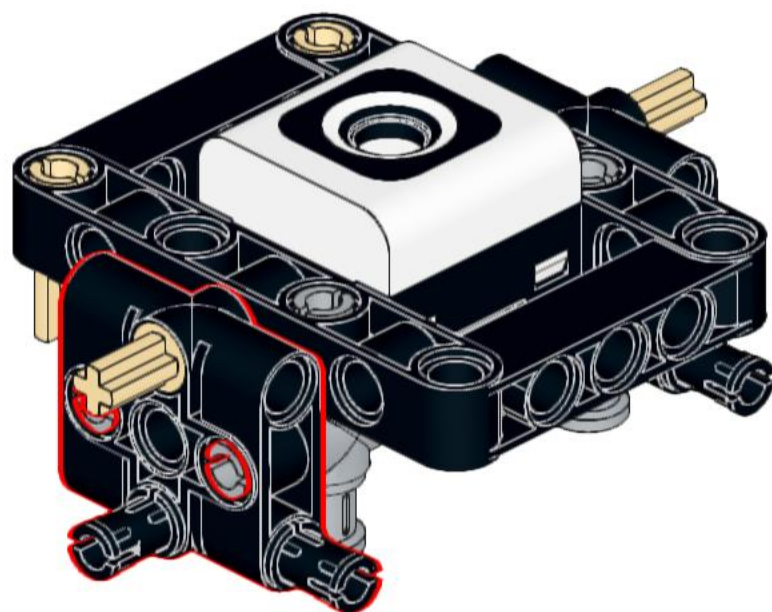
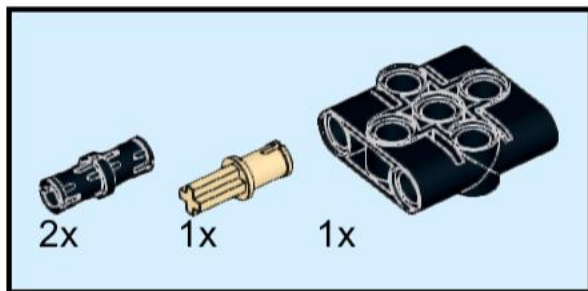
# 67



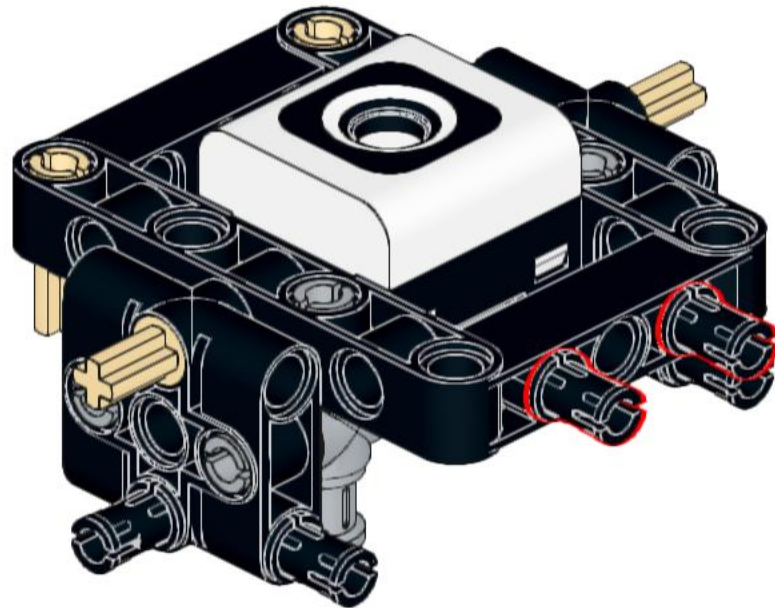
# 68



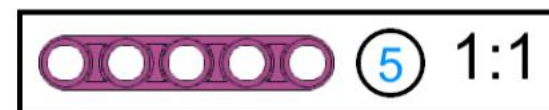
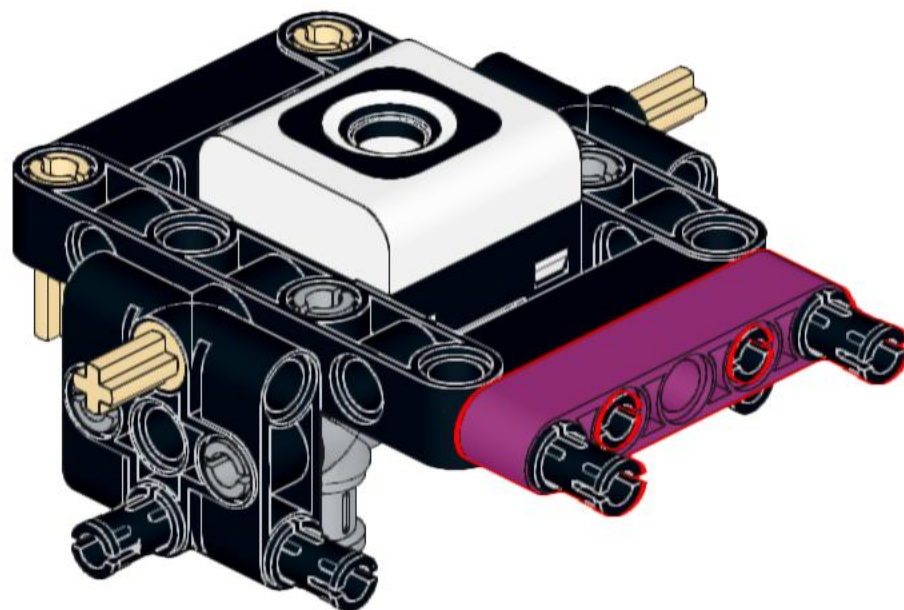
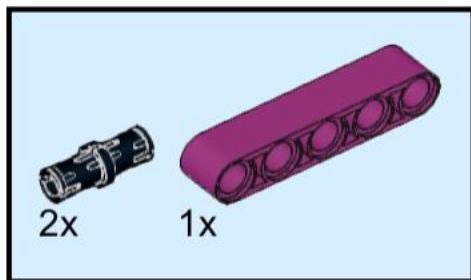
# 69



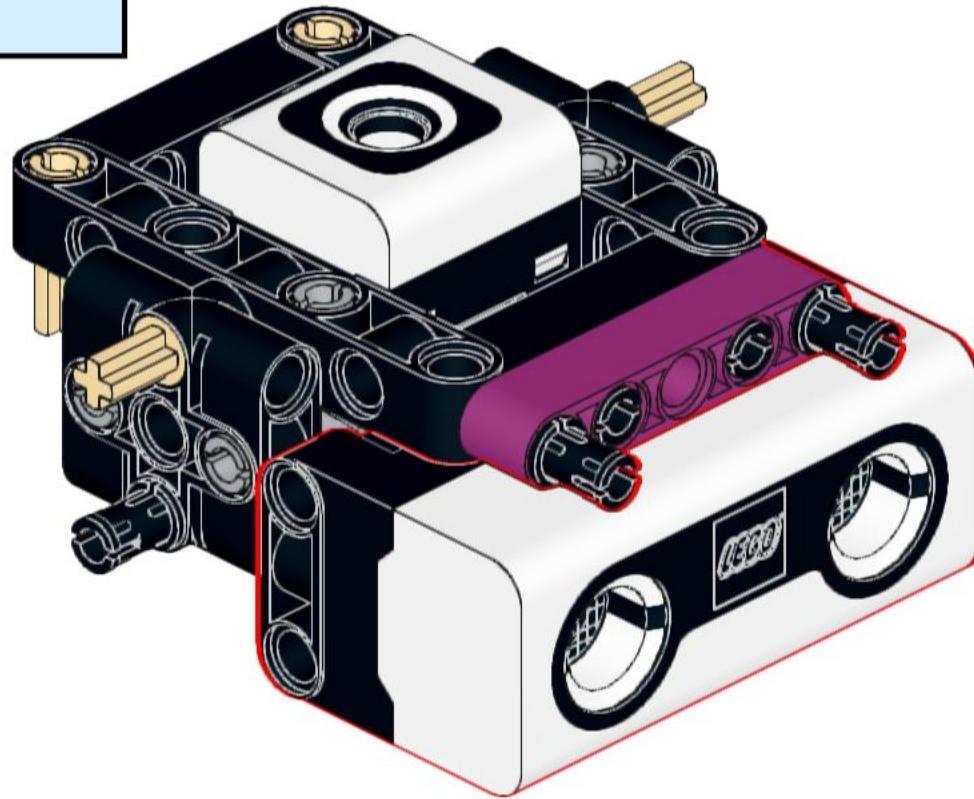
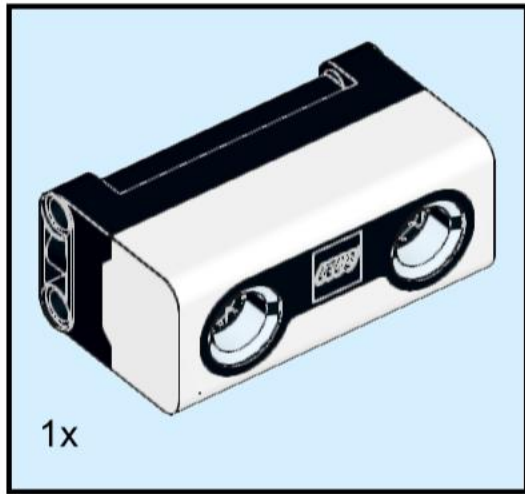
# 70



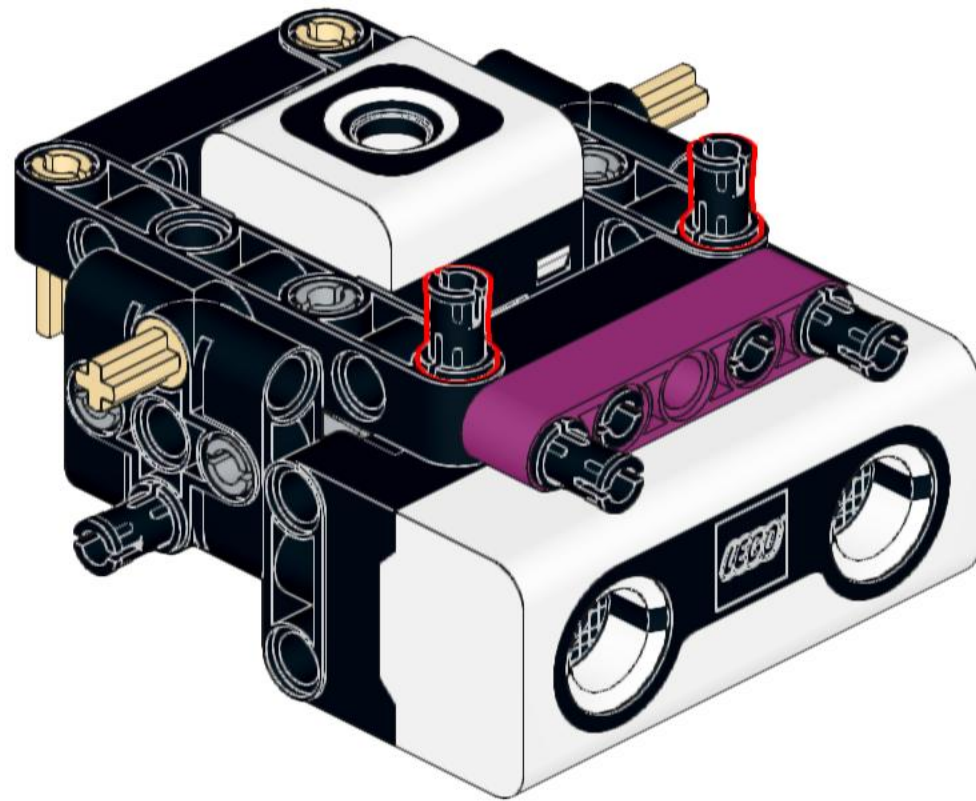
# 71



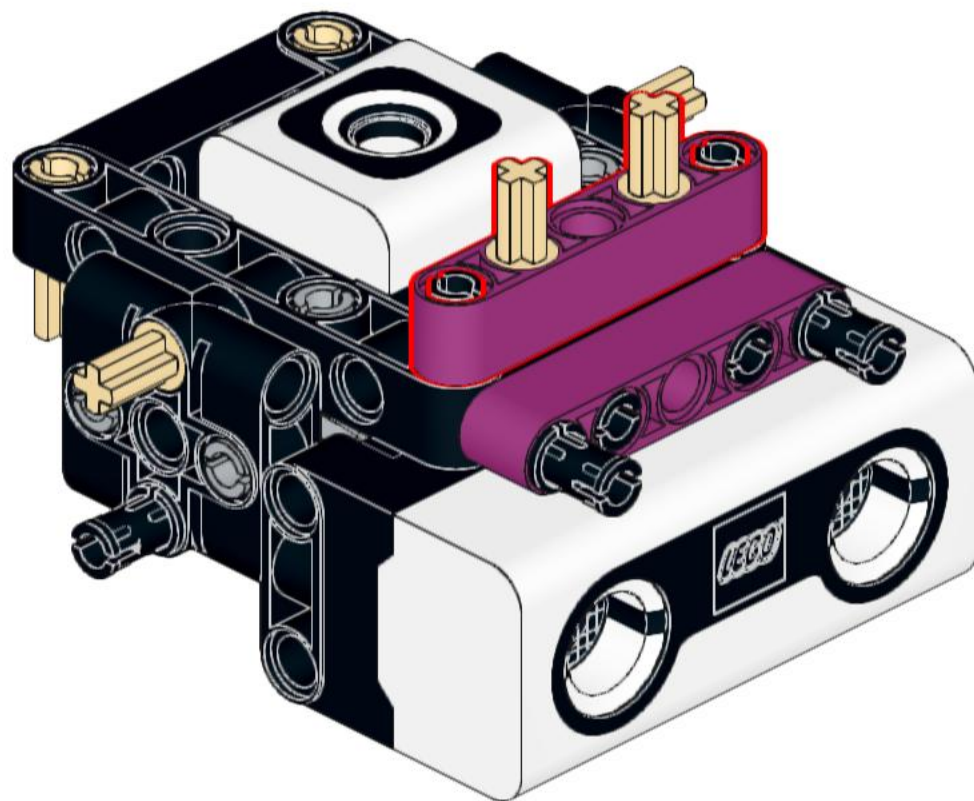
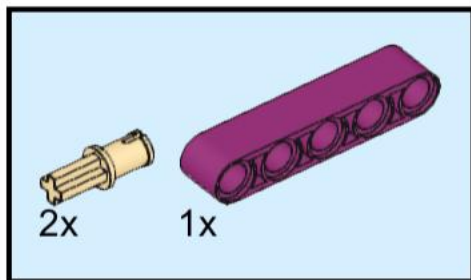
# 72



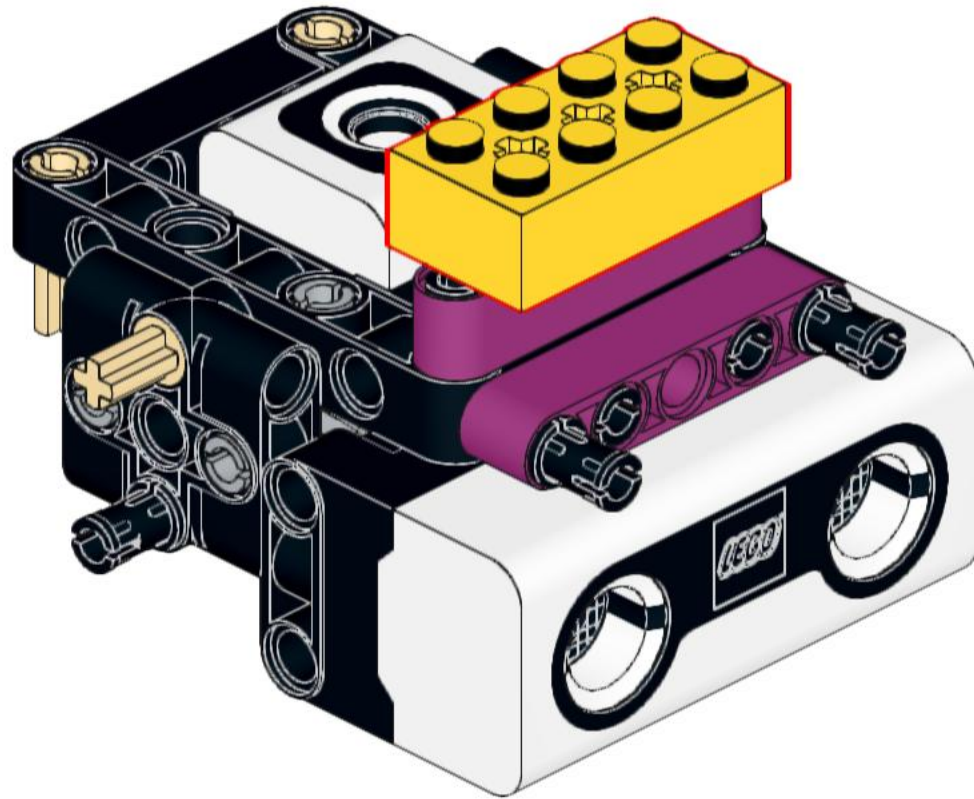
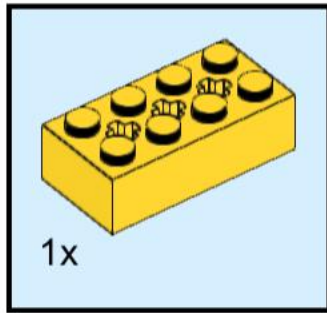
# 73



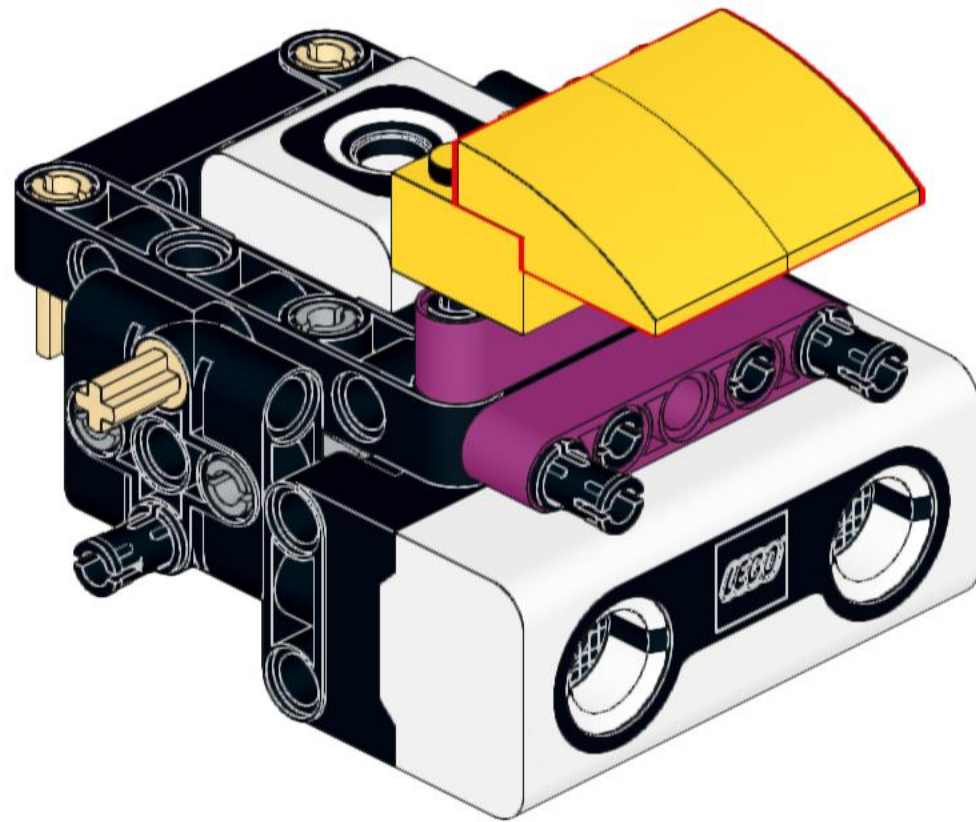
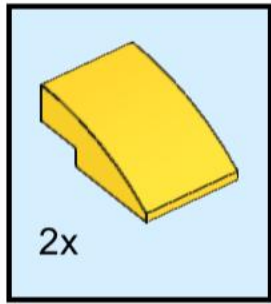
# 74



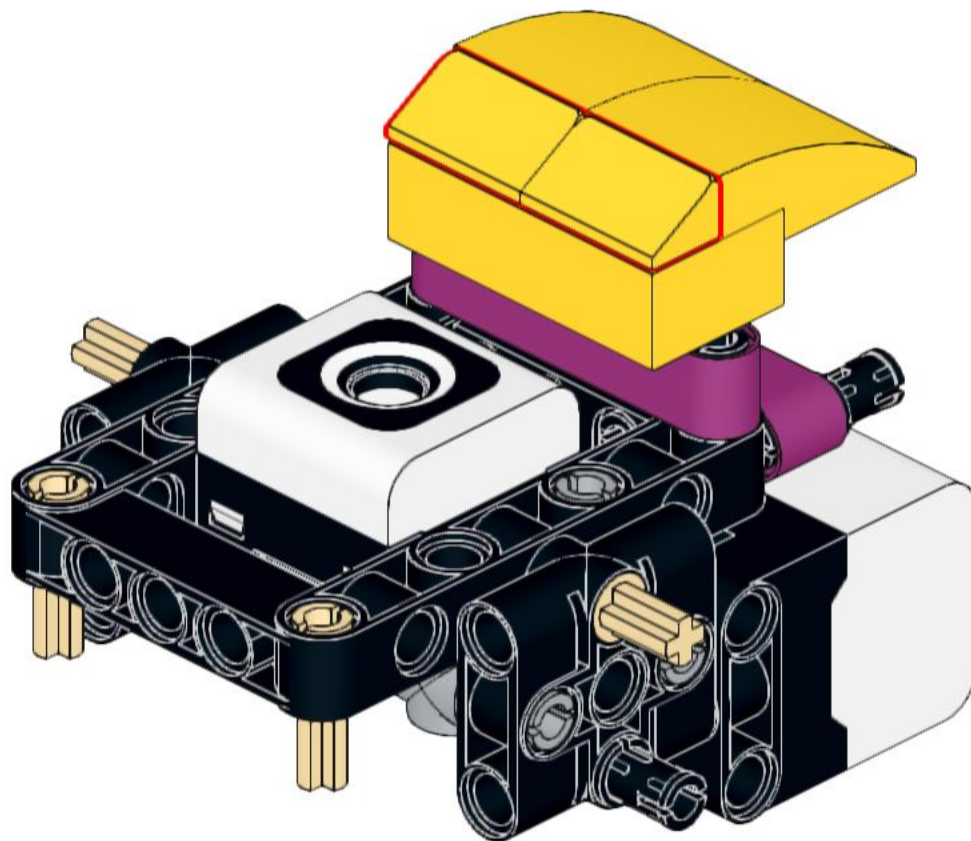
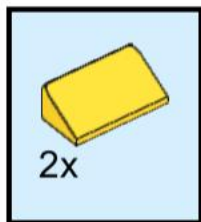
# 75



# 76

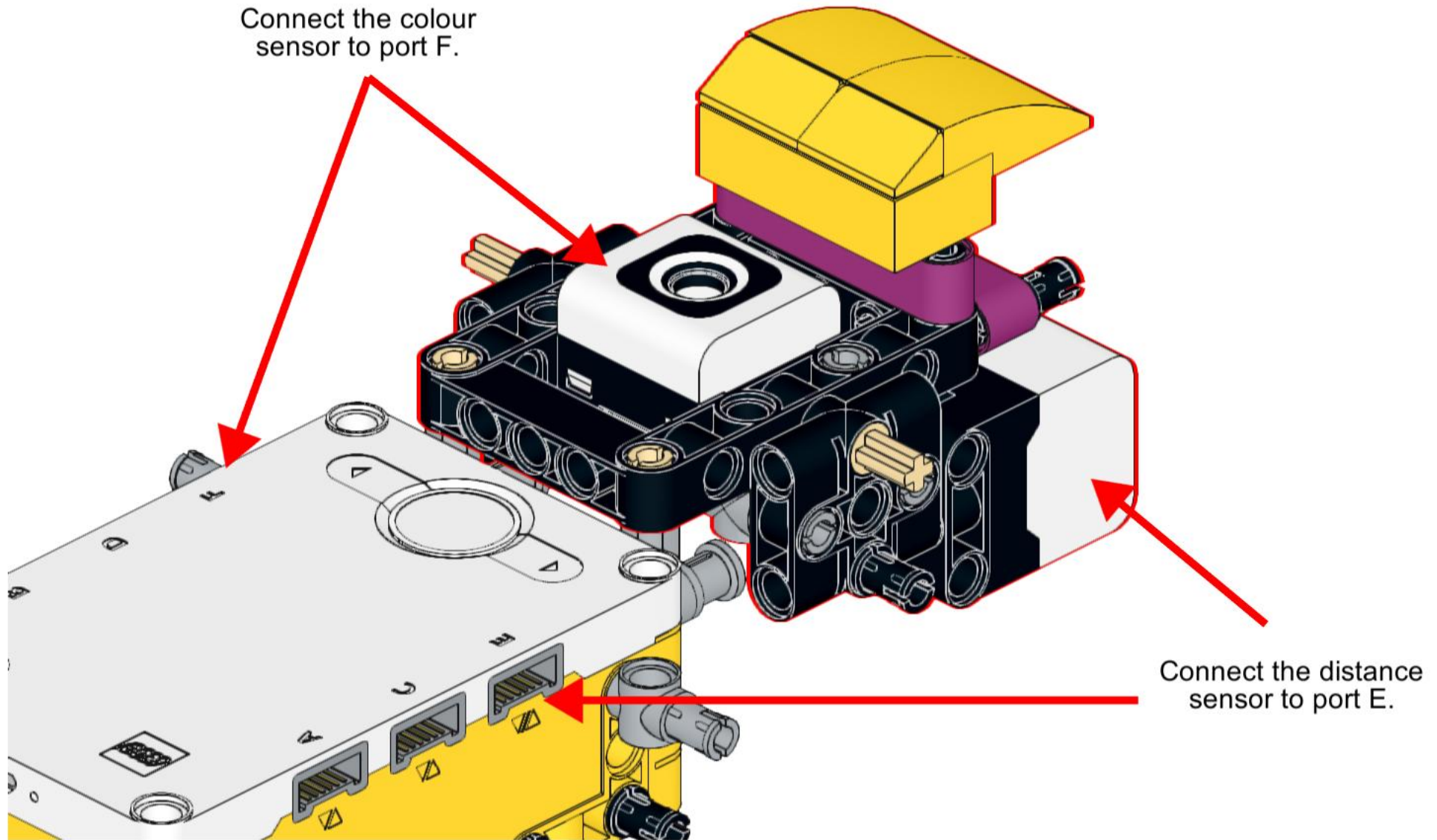


77



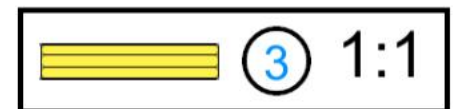
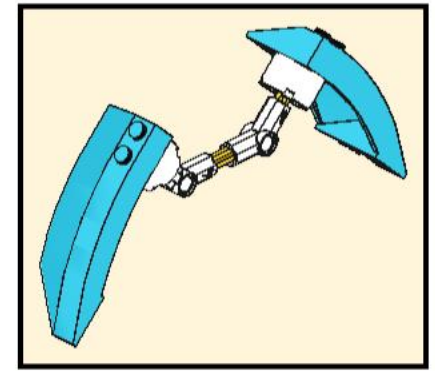
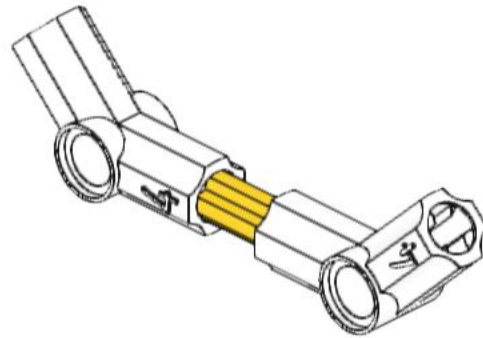
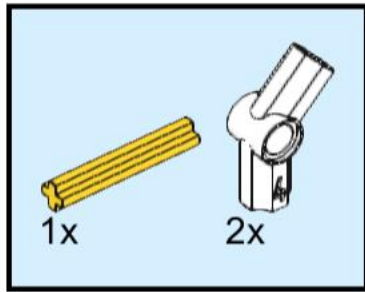
# 78

Connect the colour sensor to port F.

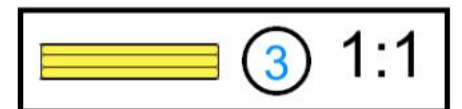
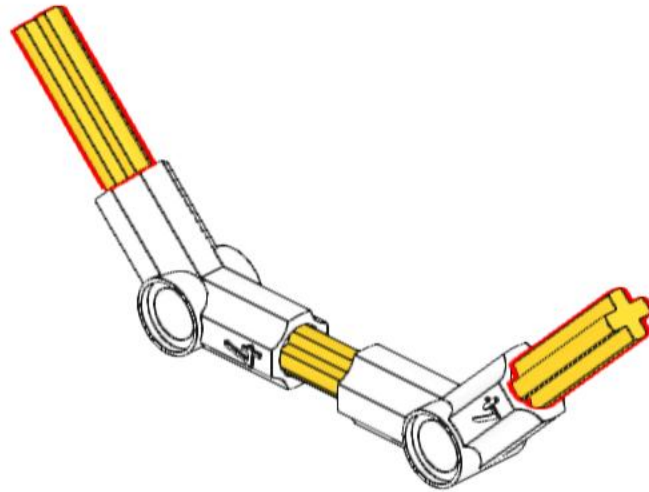
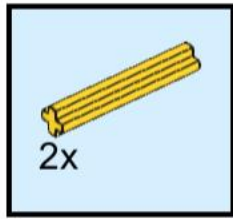


Connect the distance sensor to port E.

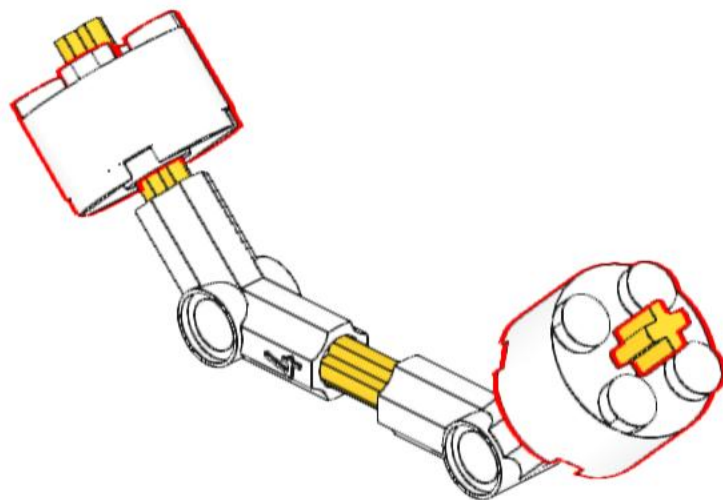
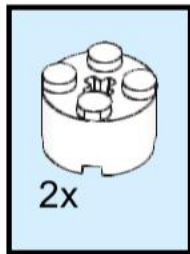
# 79



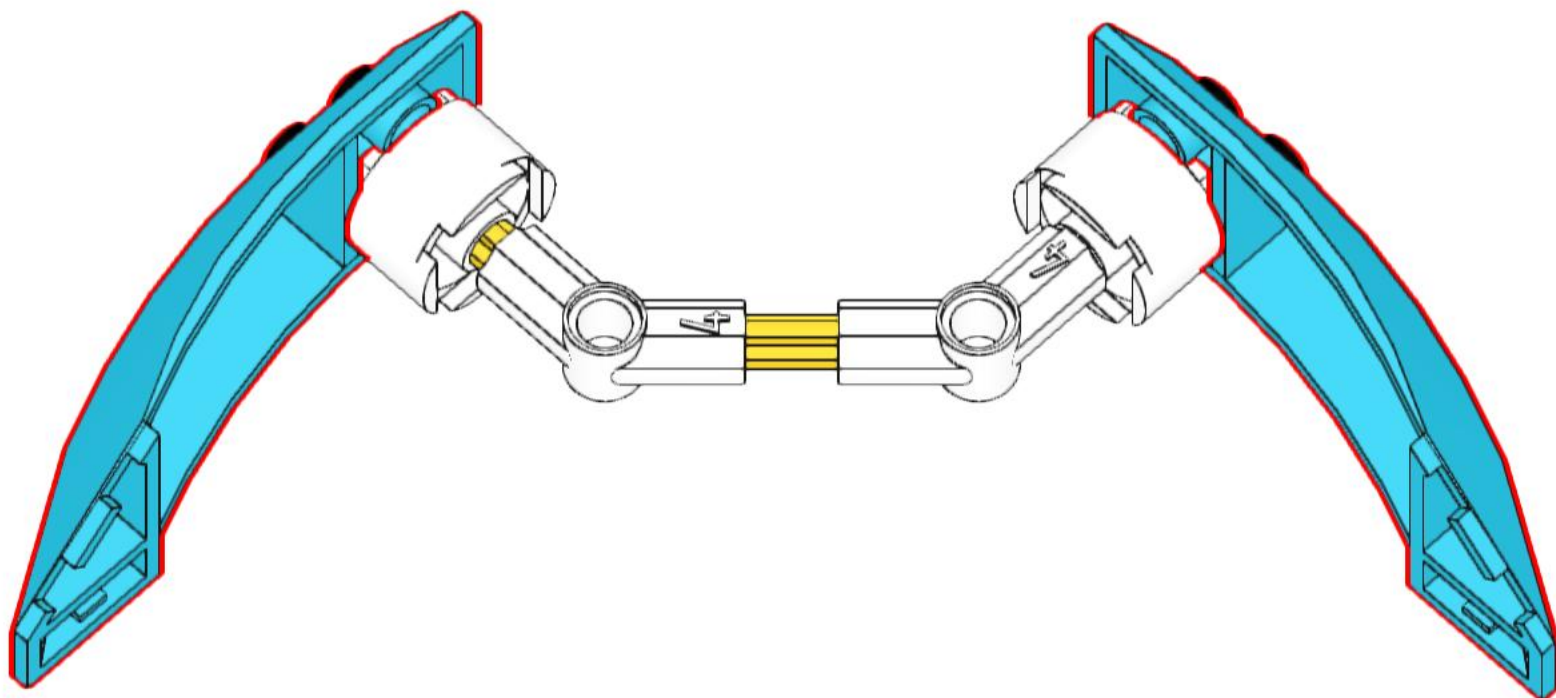
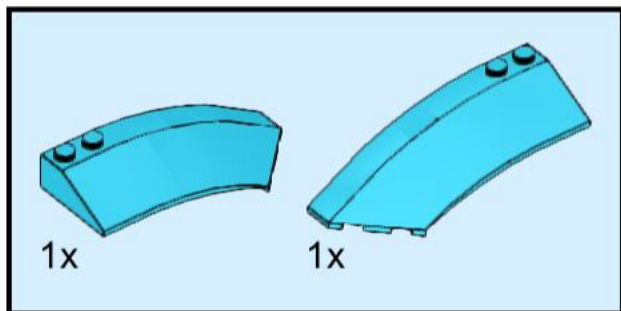
# 80



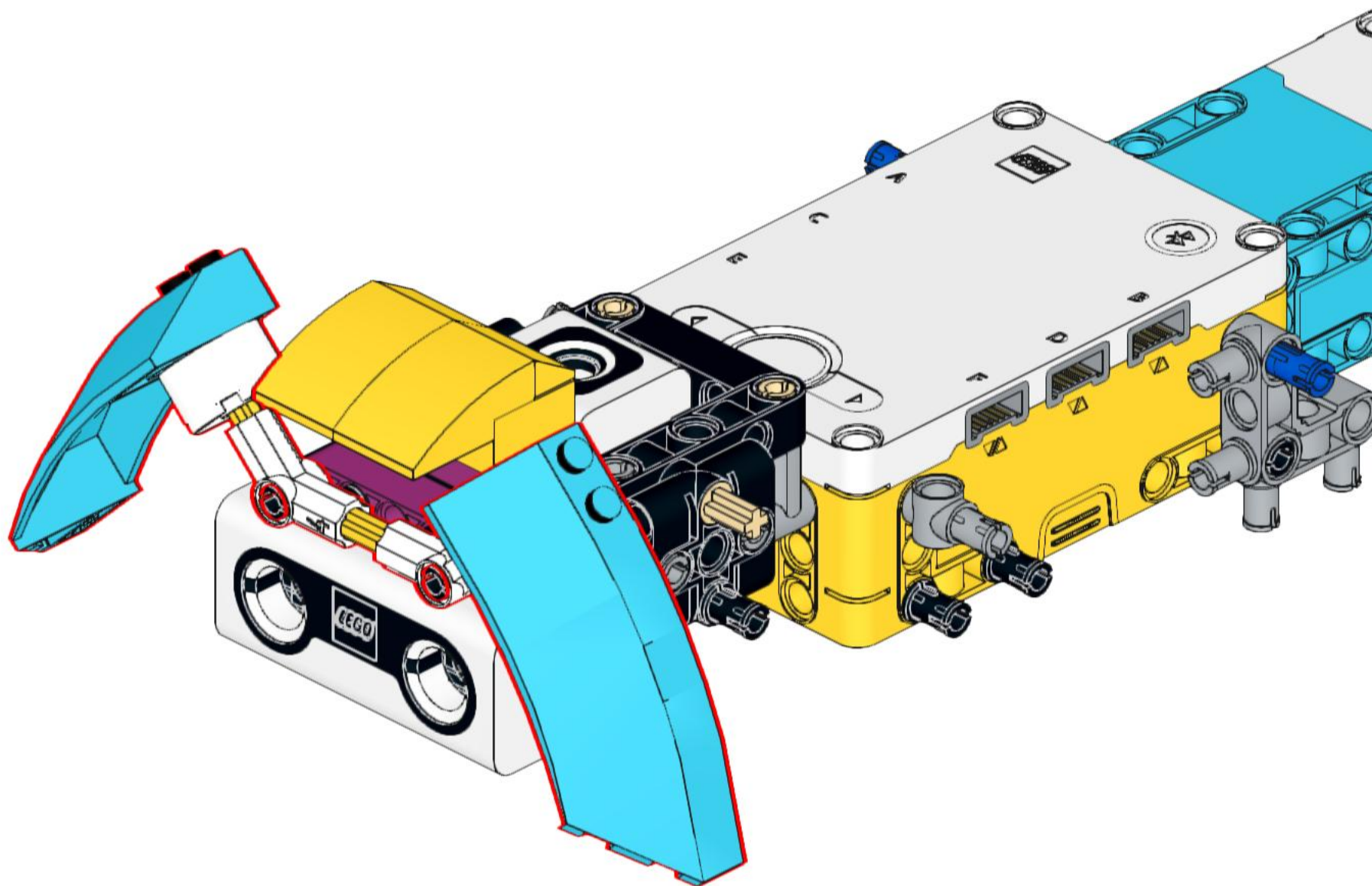
# 81



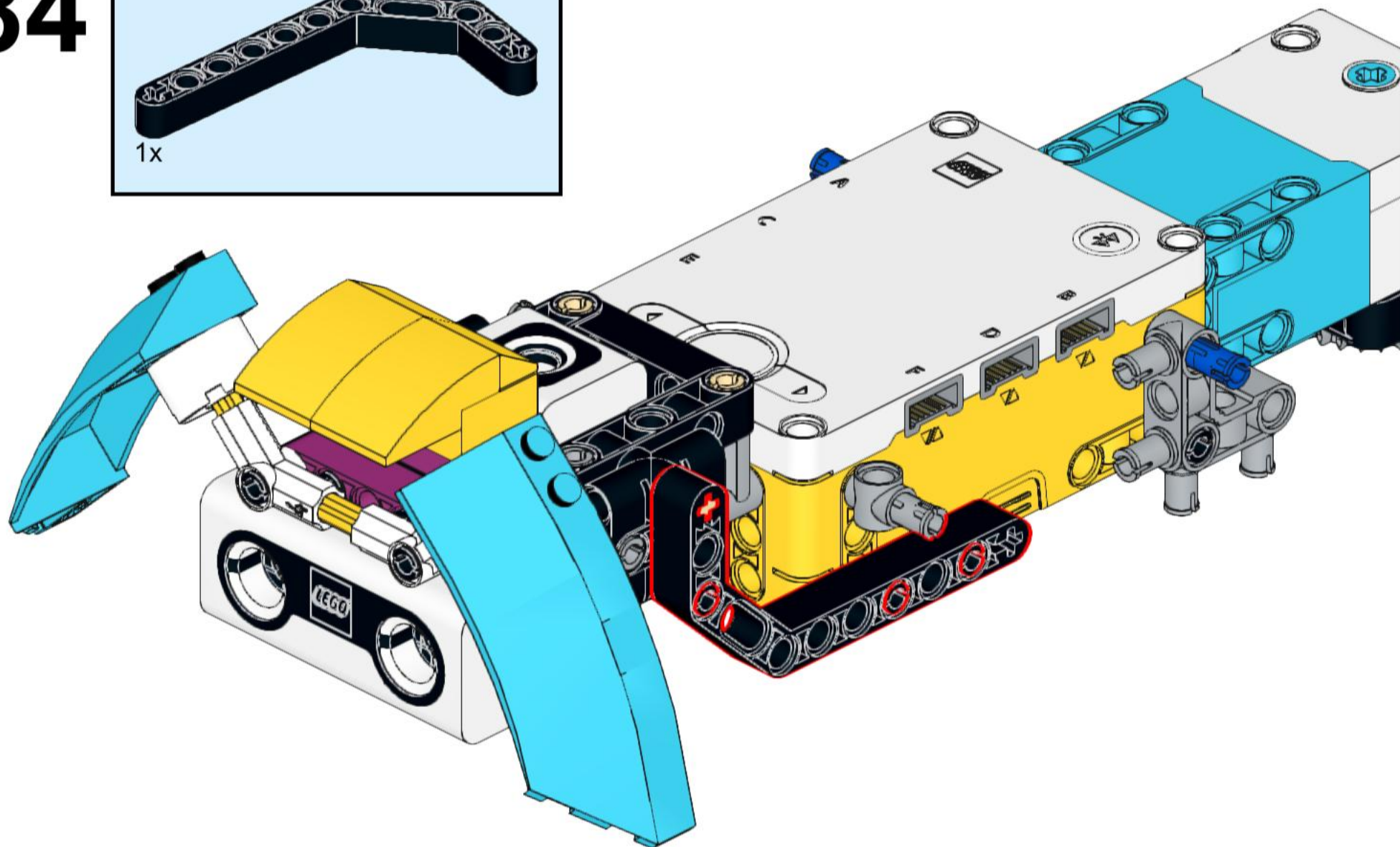
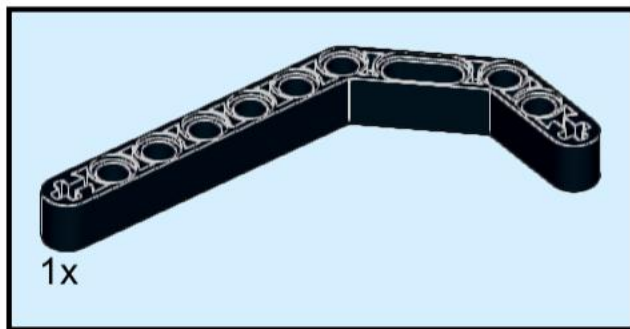
# 82



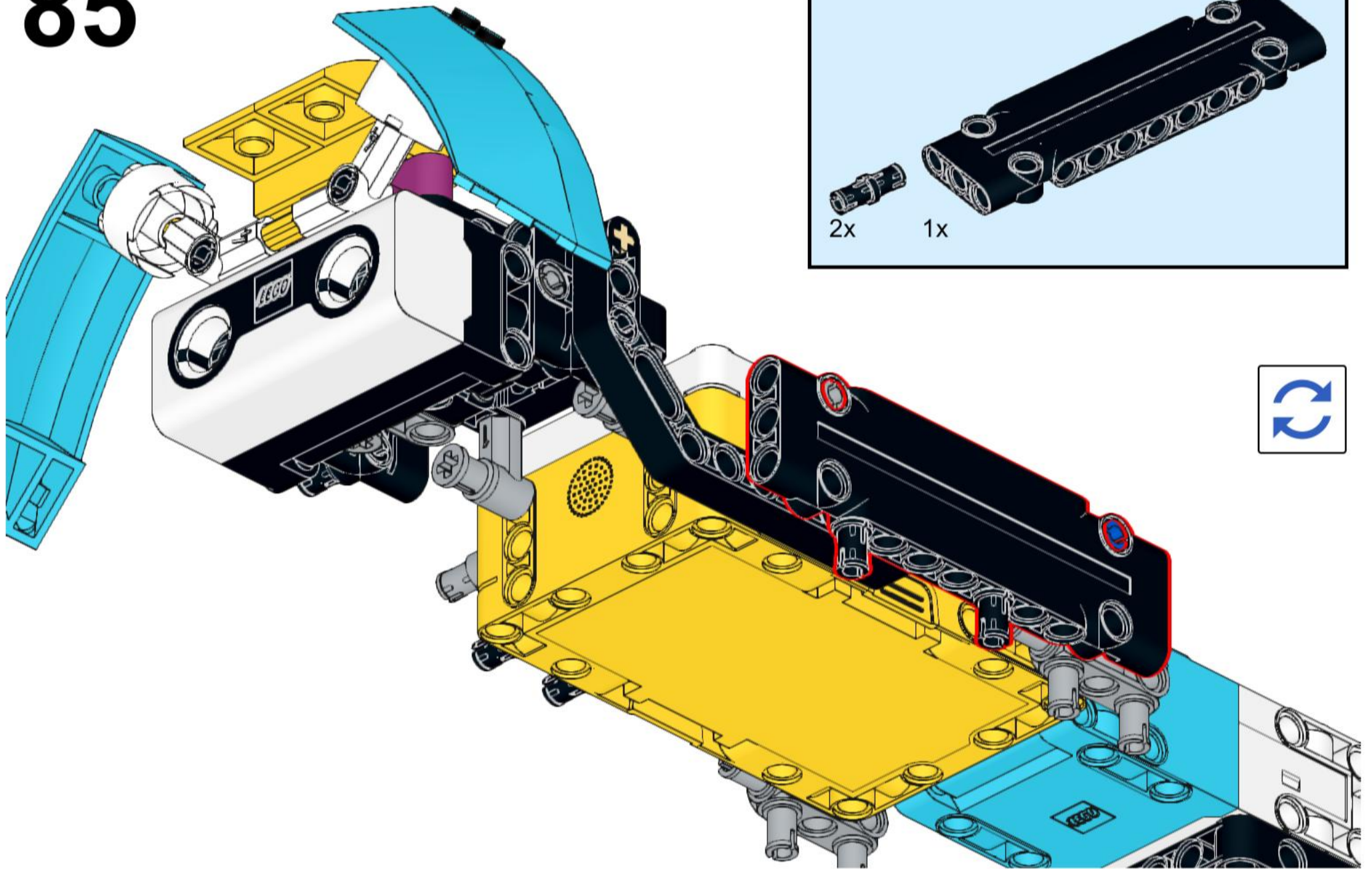
83



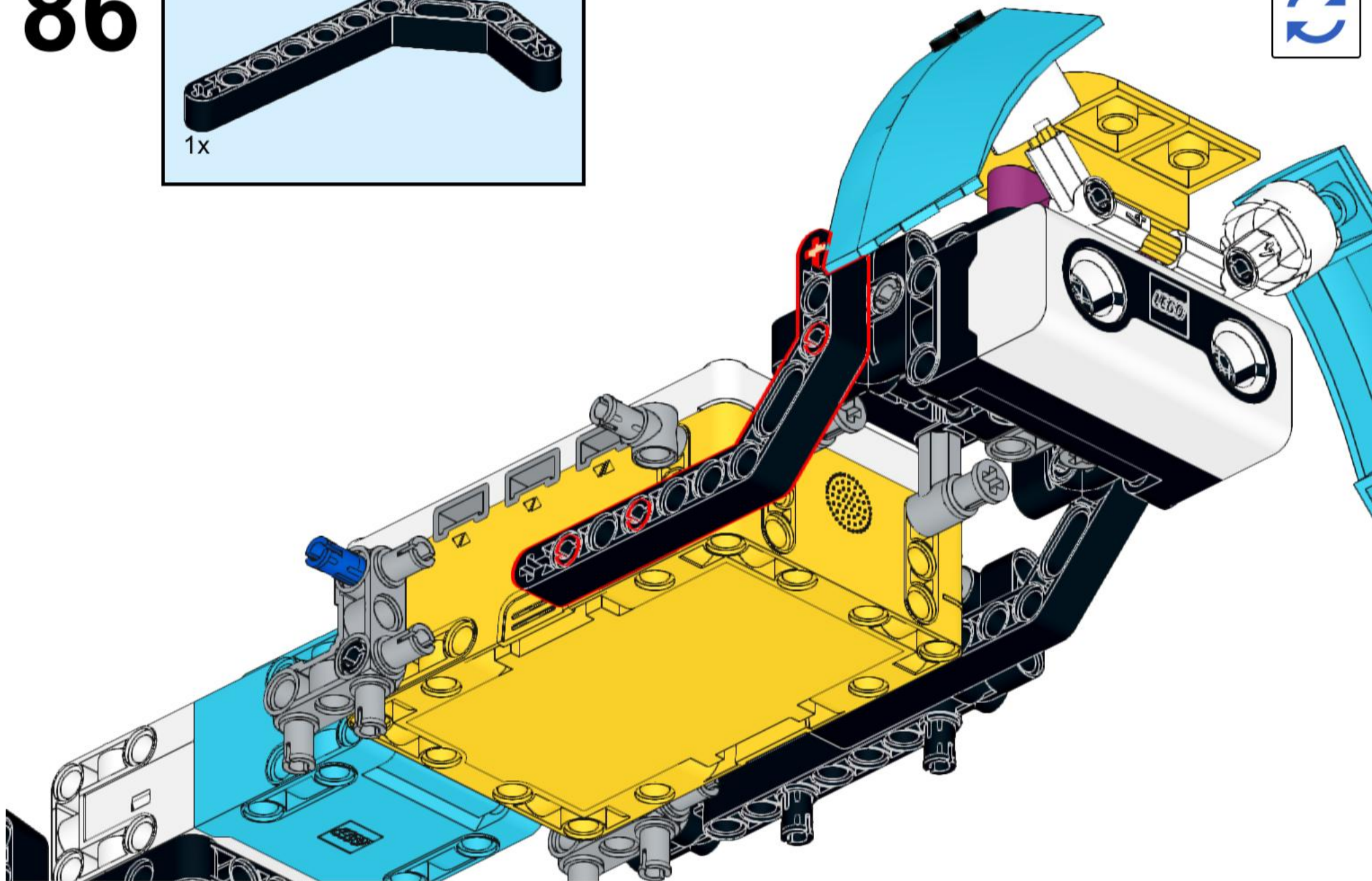
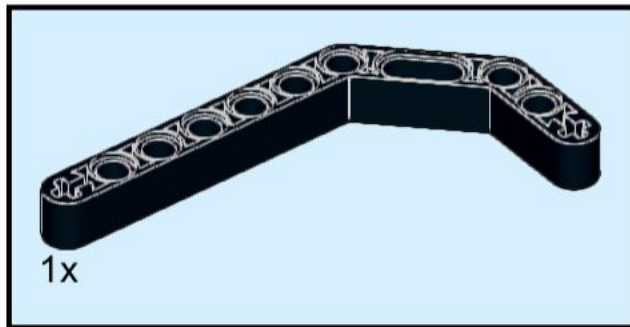
# 84



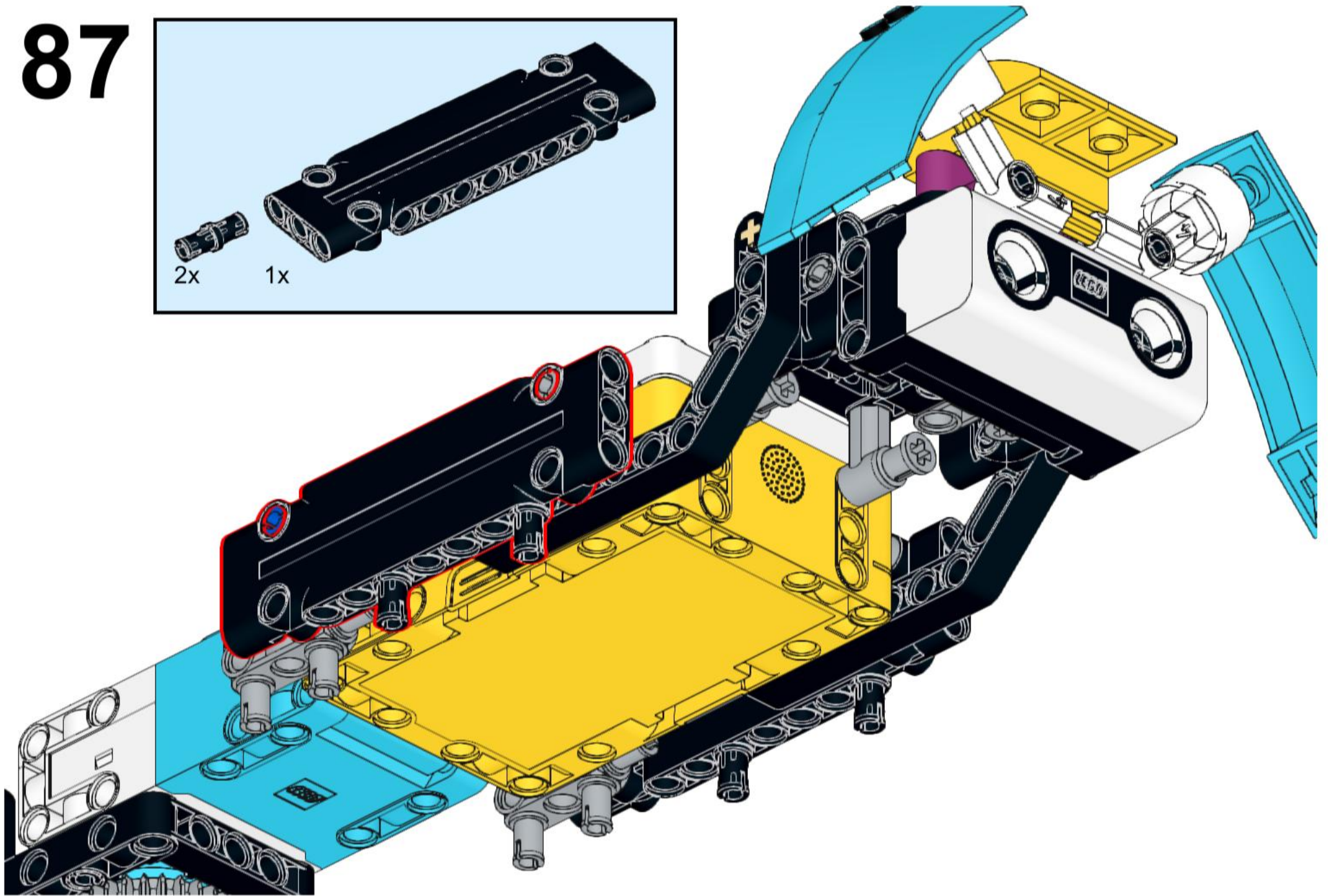
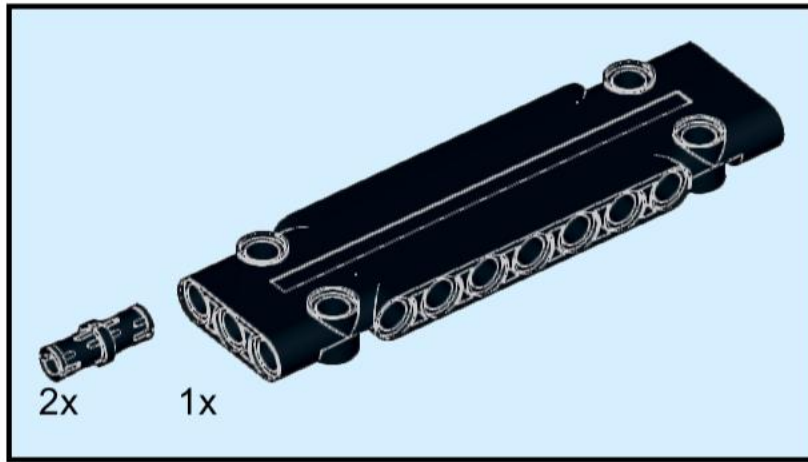
# 85



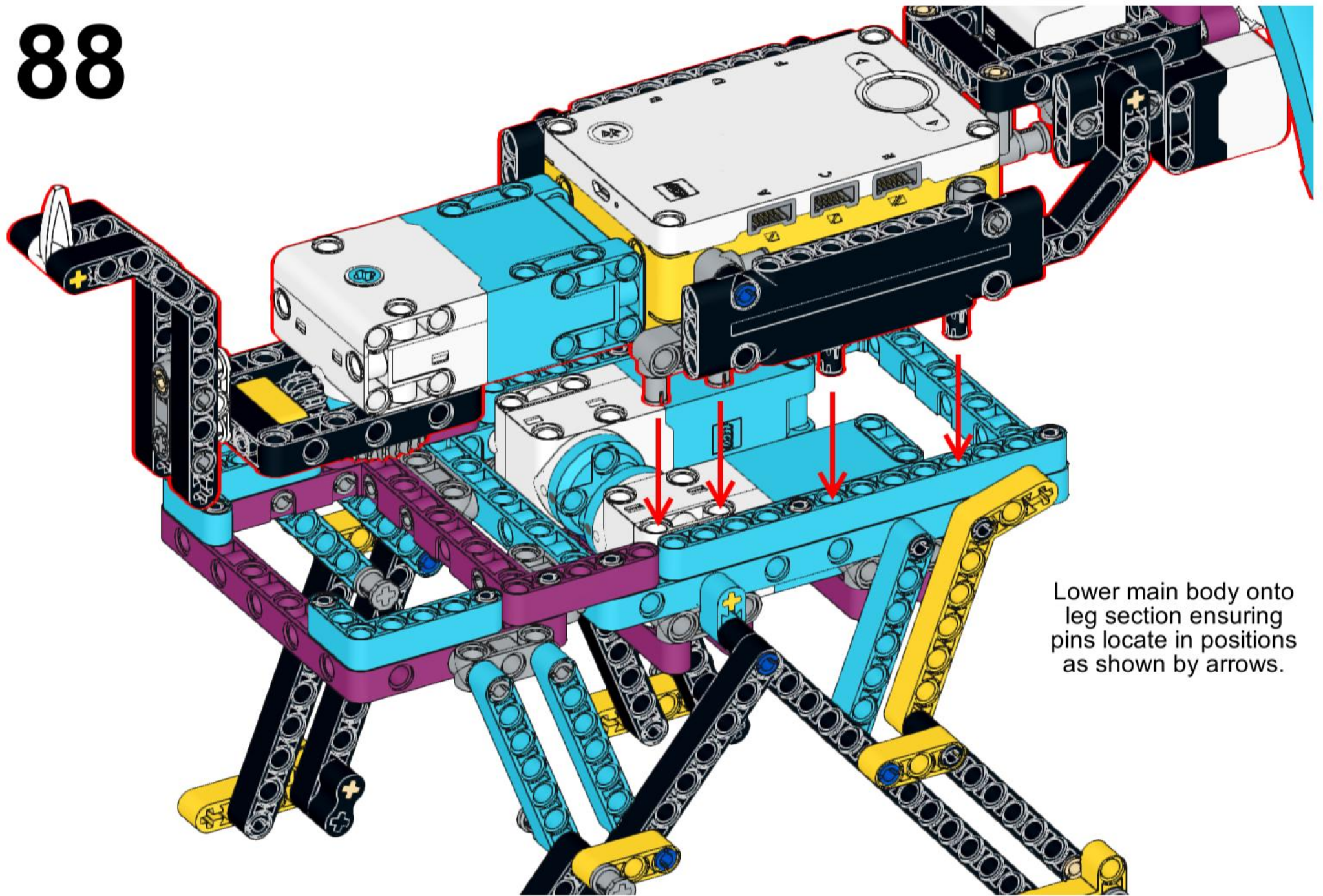
# 86



# 87

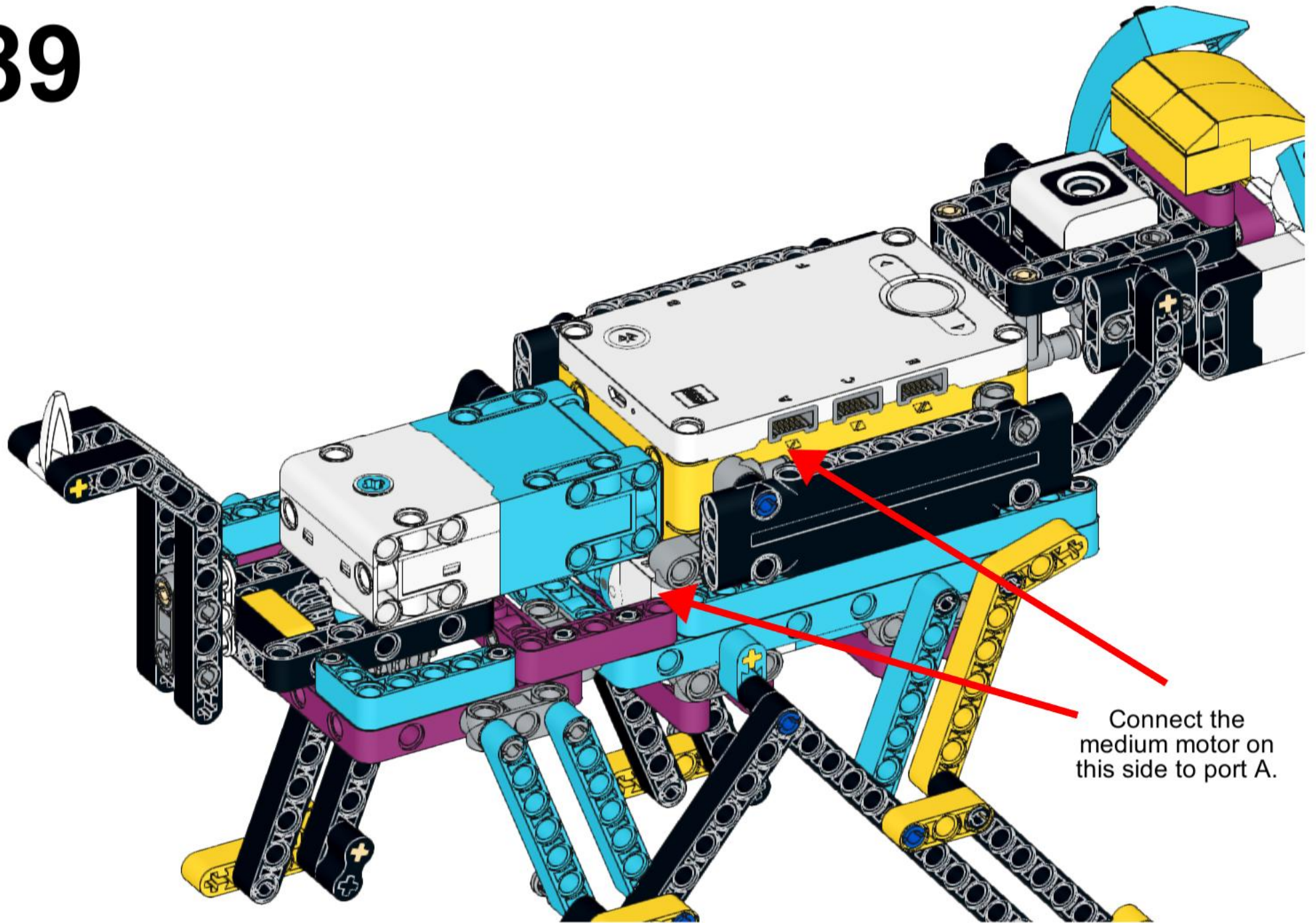


# 88



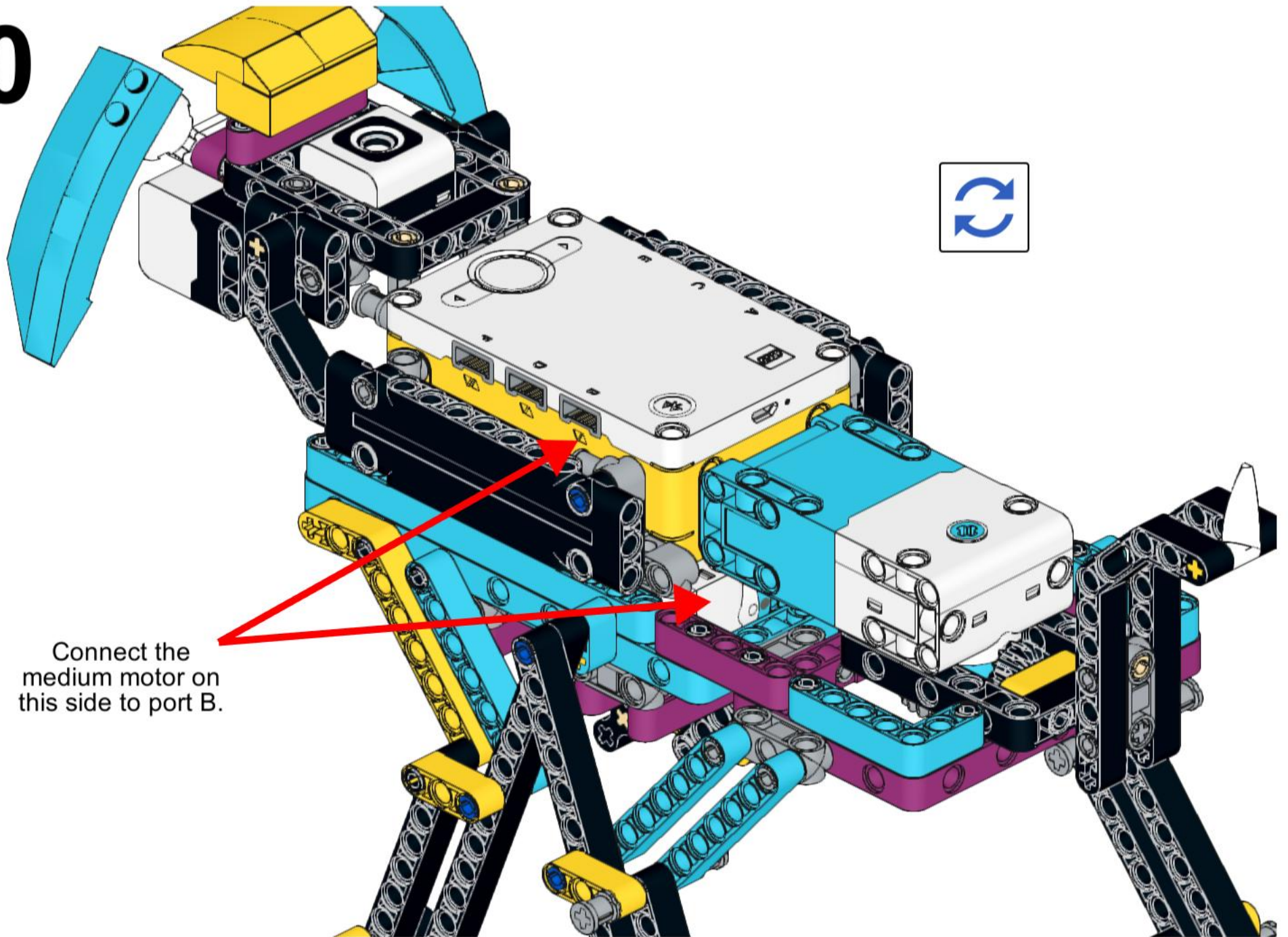
Lower main body onto leg section ensuring pins locate in positions as shown by arrows.

# 89



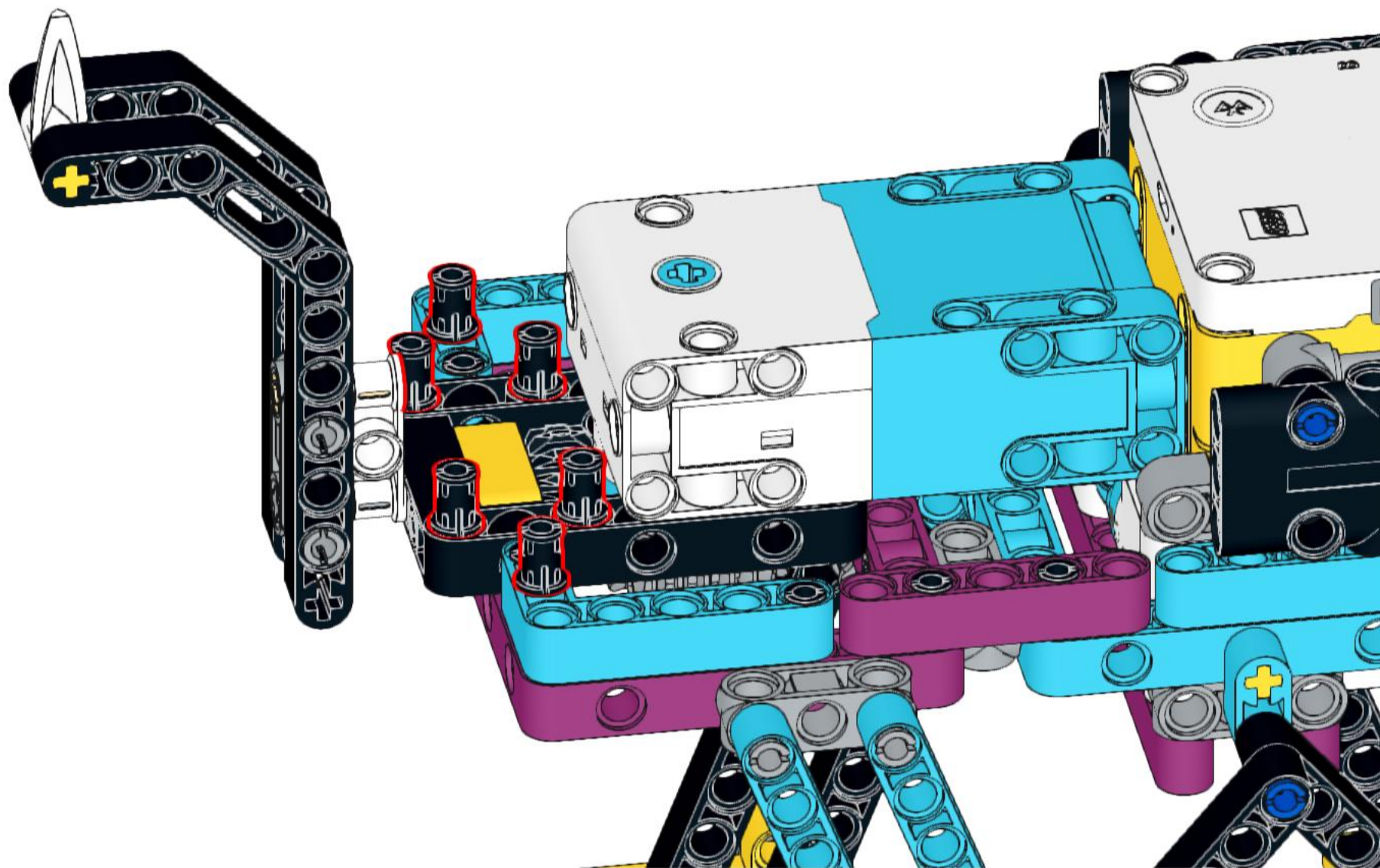
Connect the medium motor on this side to port A.

# 90

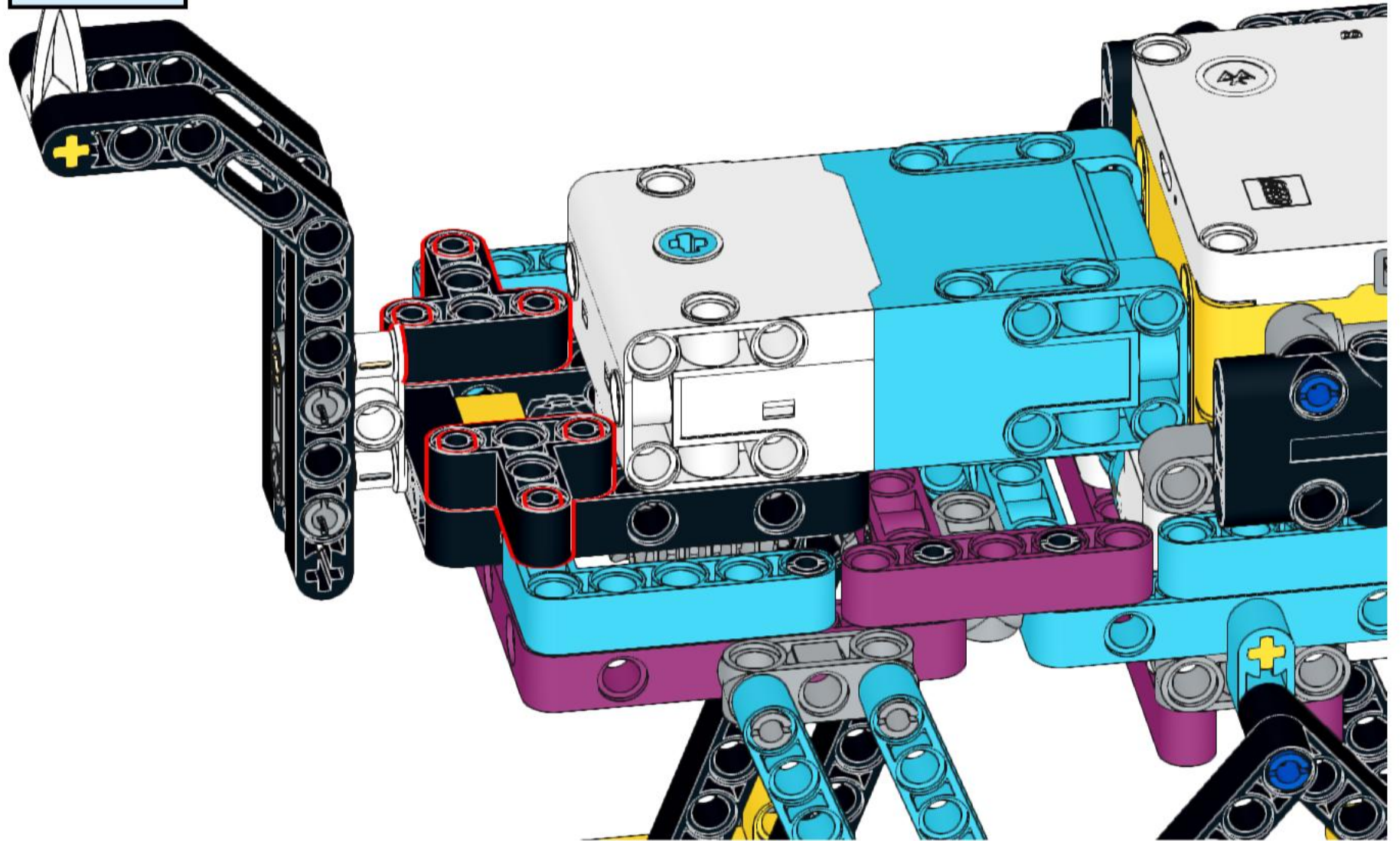
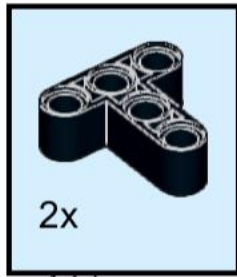


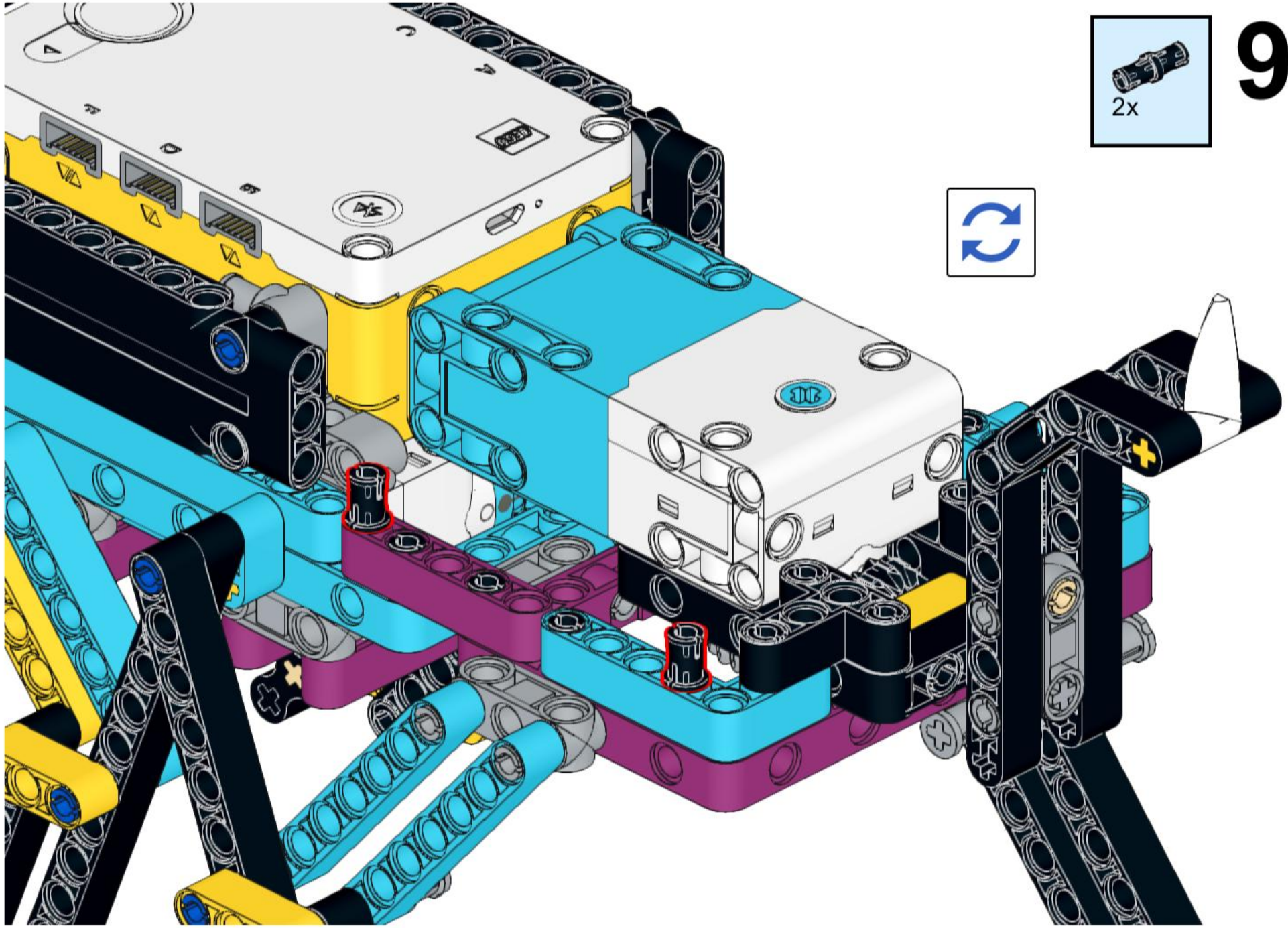
Connect the medium motor on this side to port B.

# 91



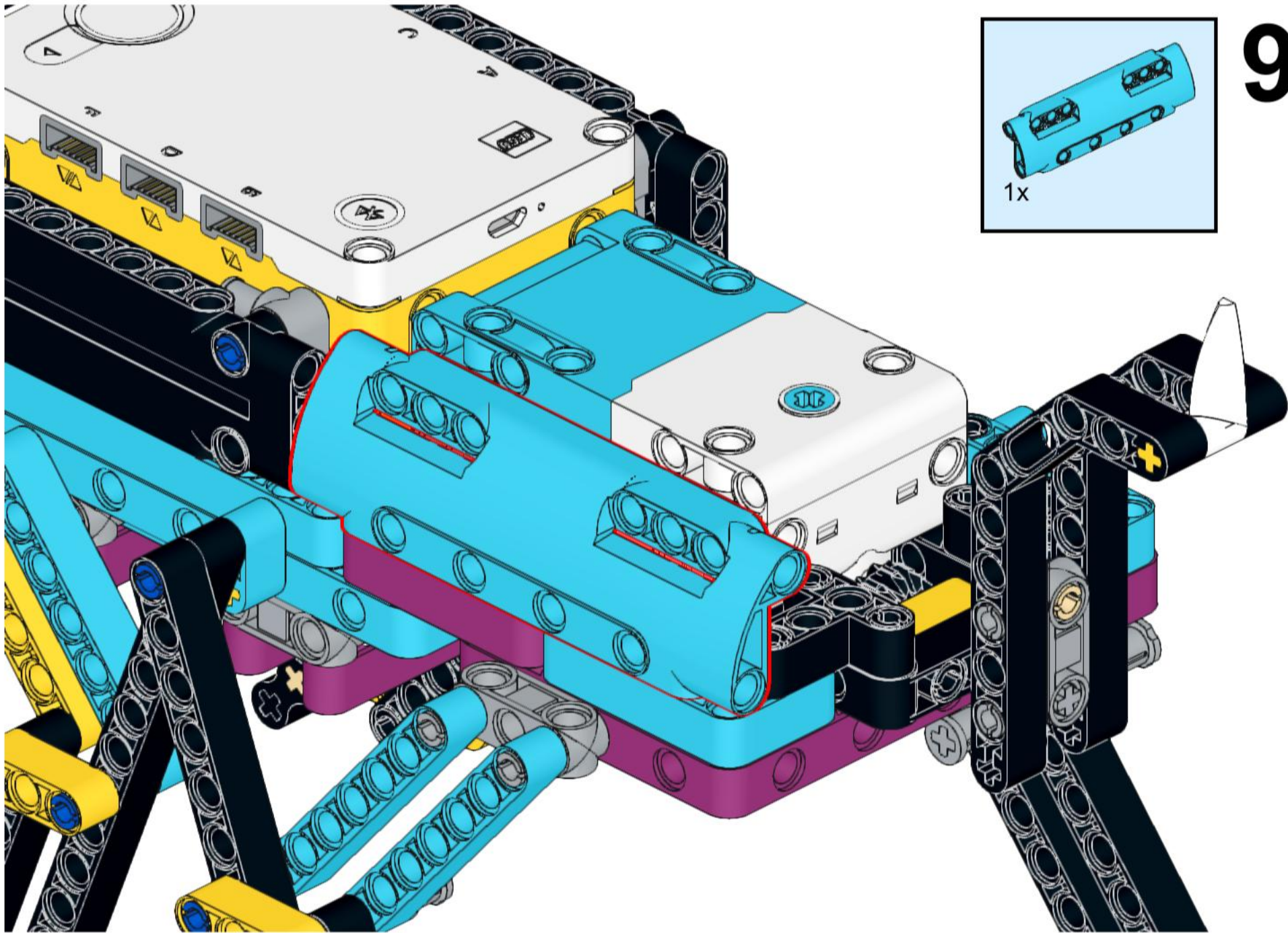
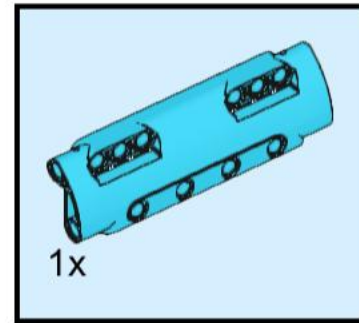
92



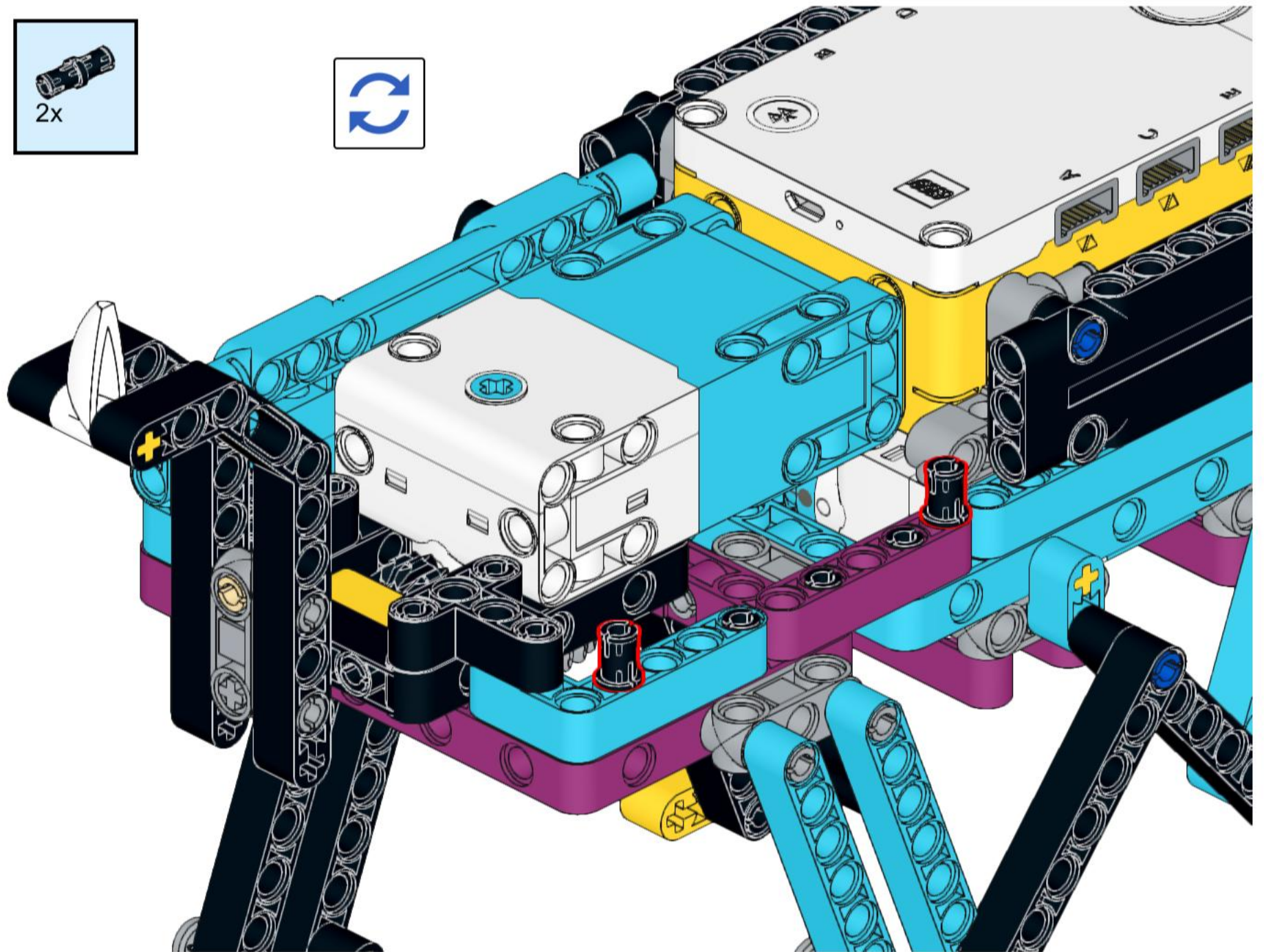


93

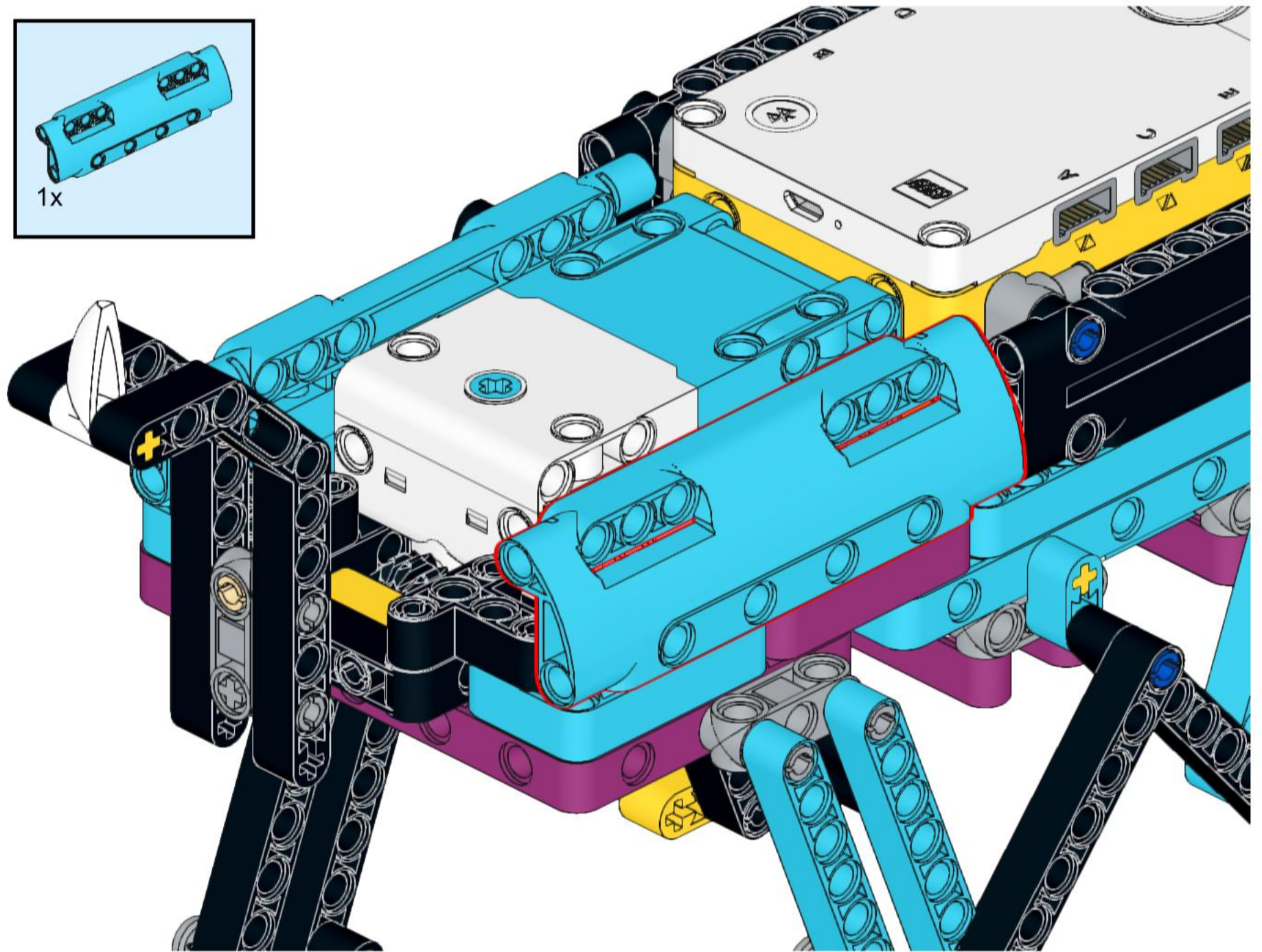
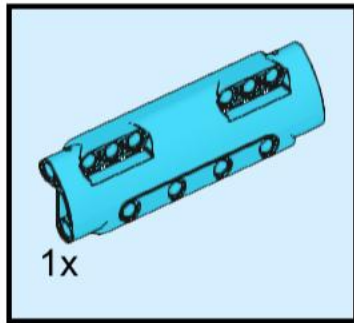




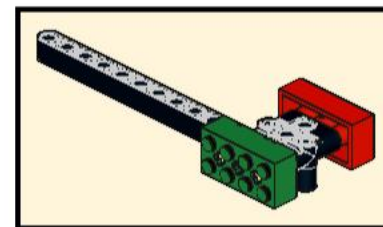
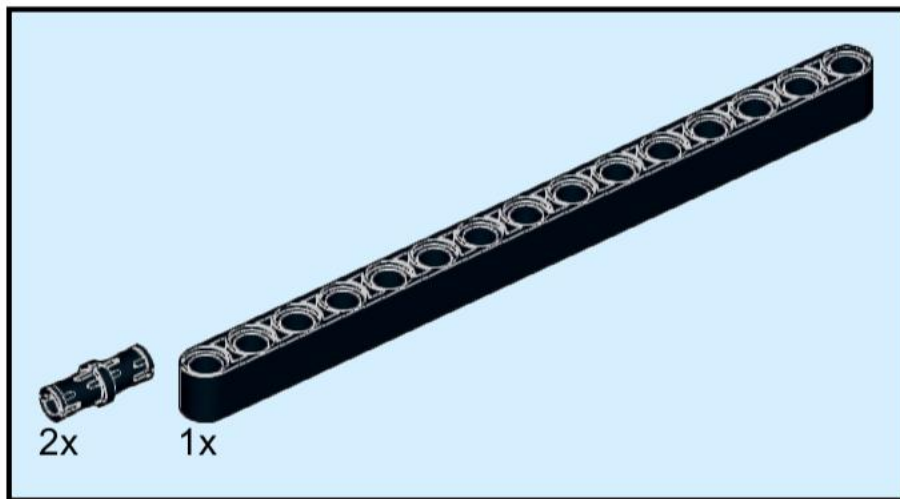
# 95



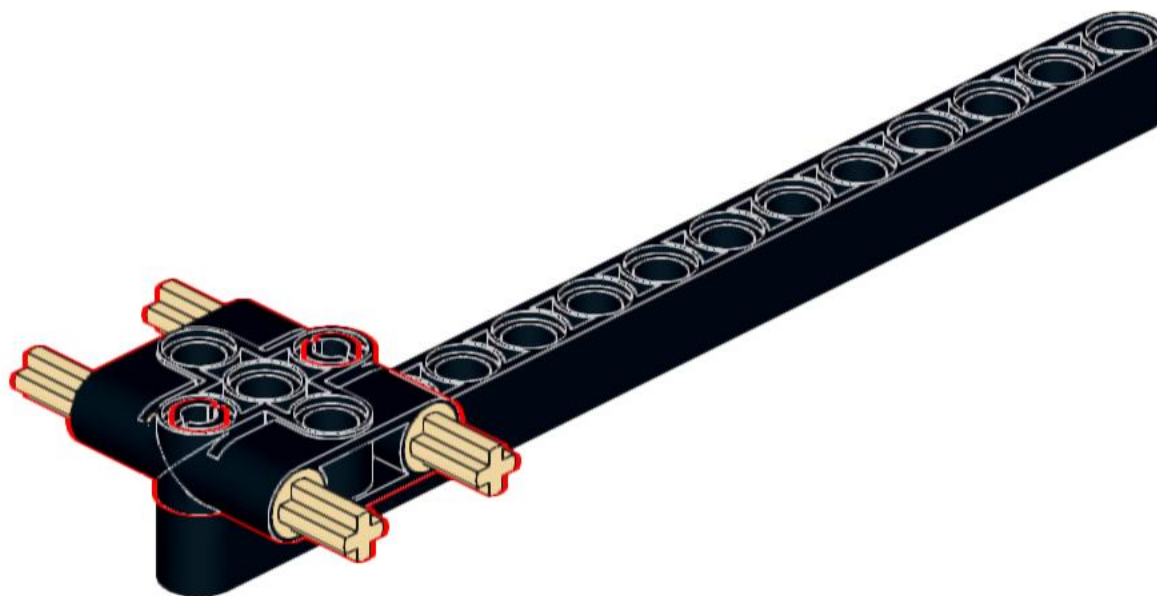
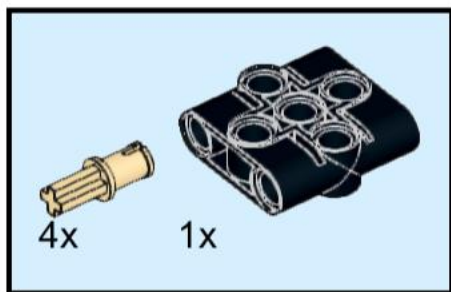
# 96



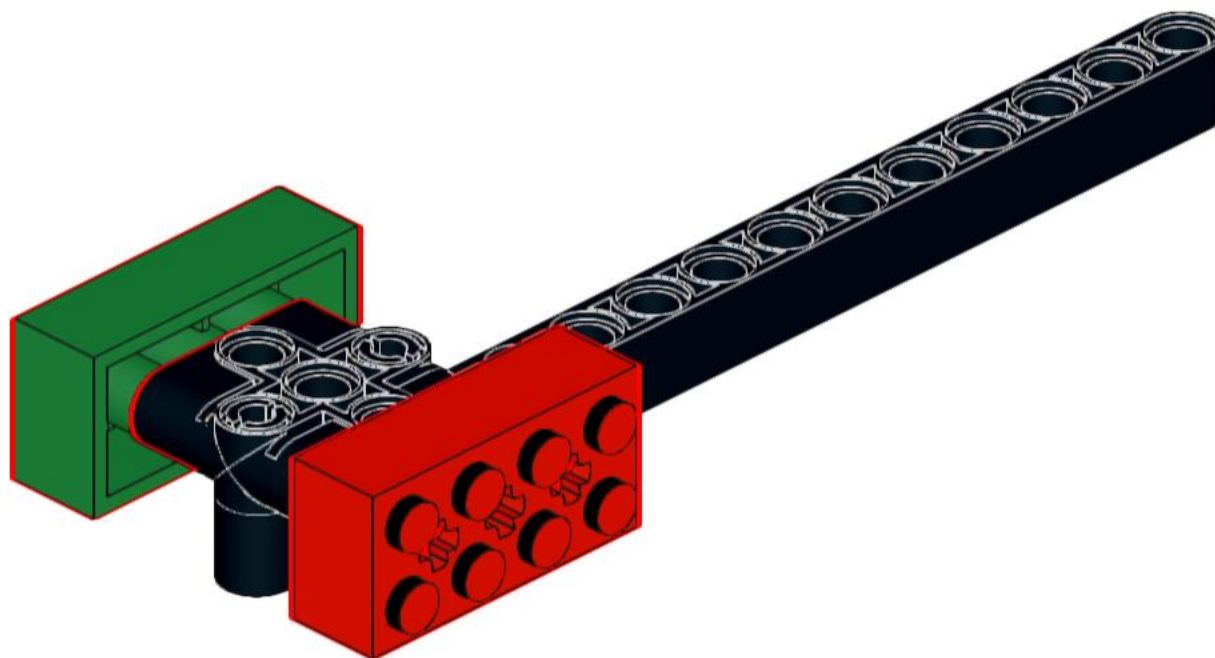
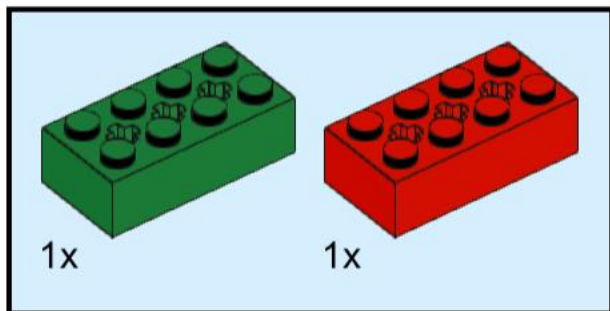
# 97



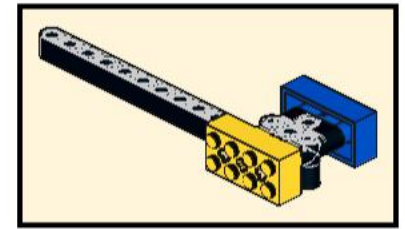
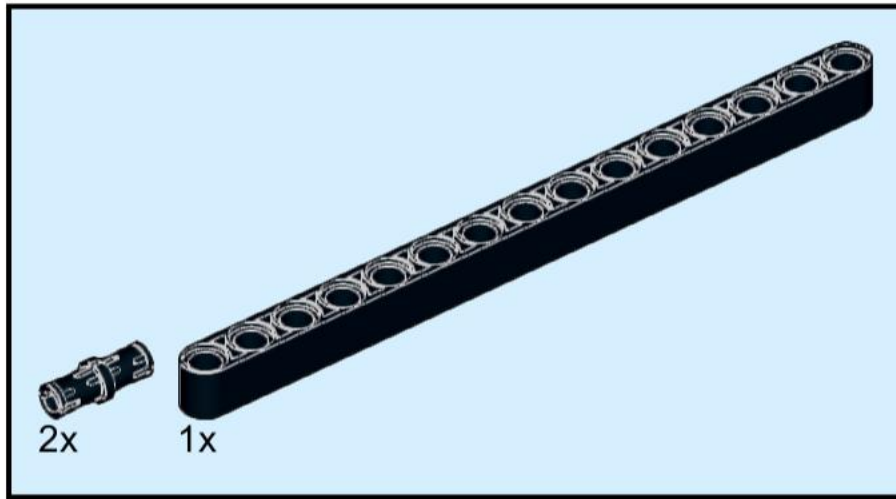
# 98



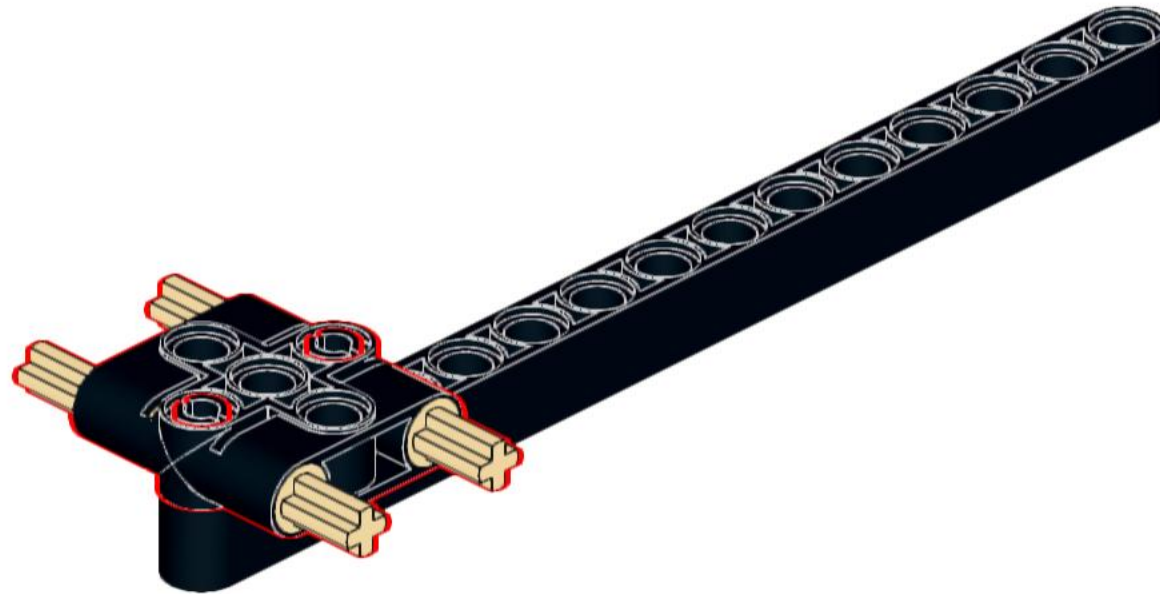
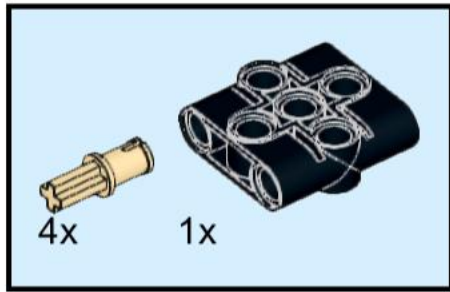
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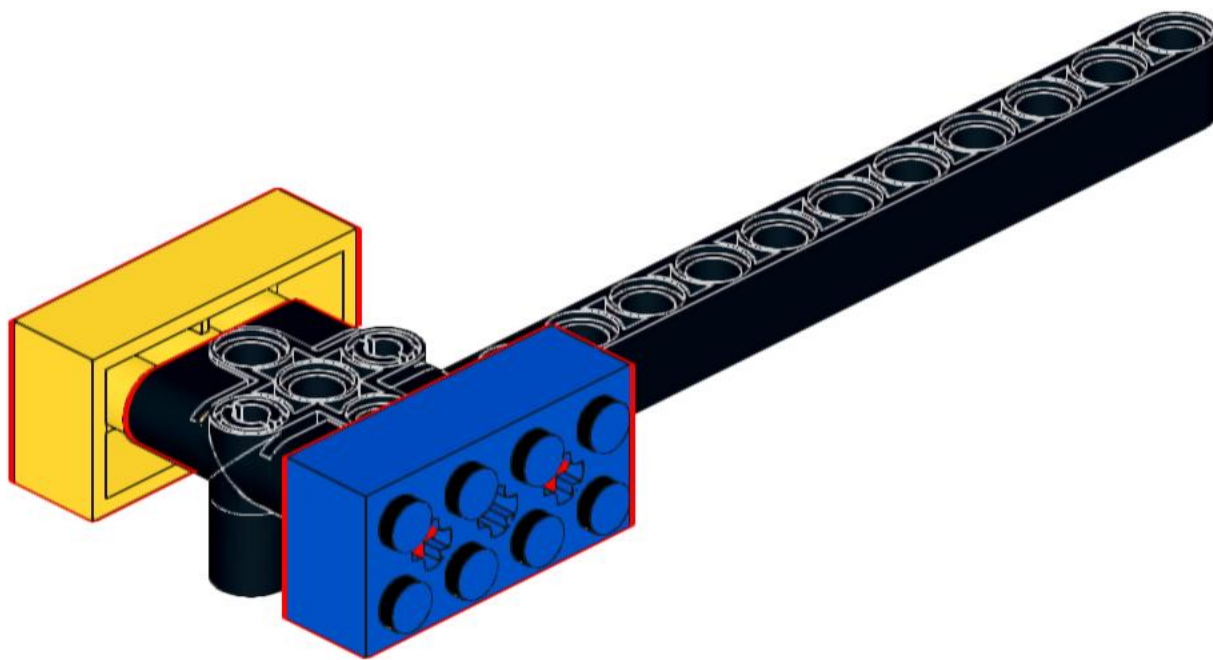
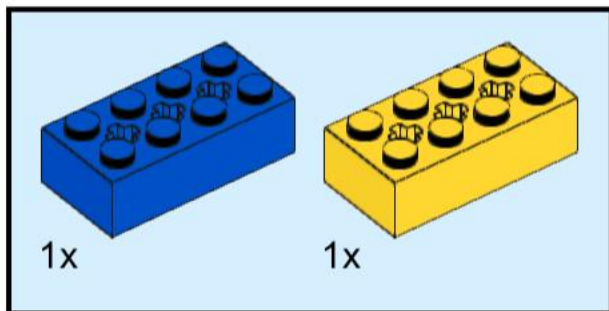
# 100



# 101



# 102



# 103

