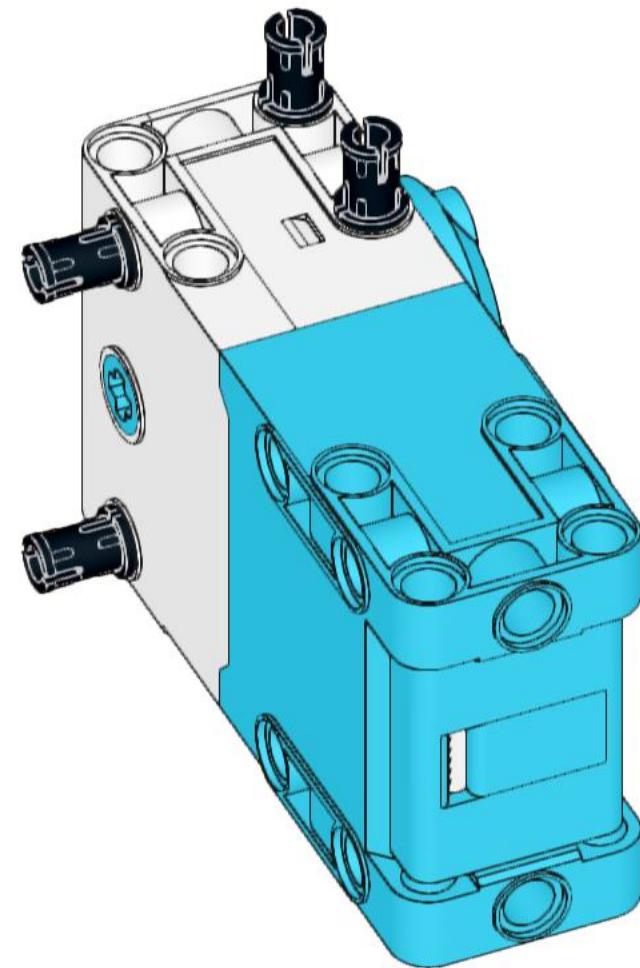
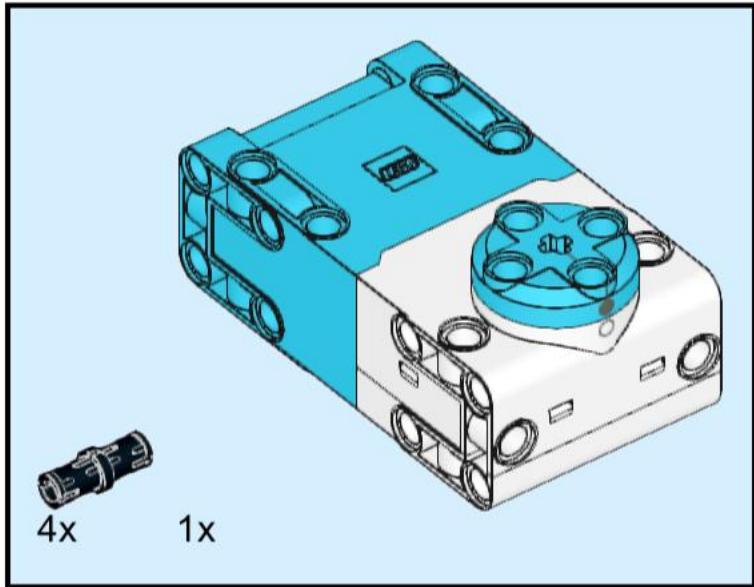
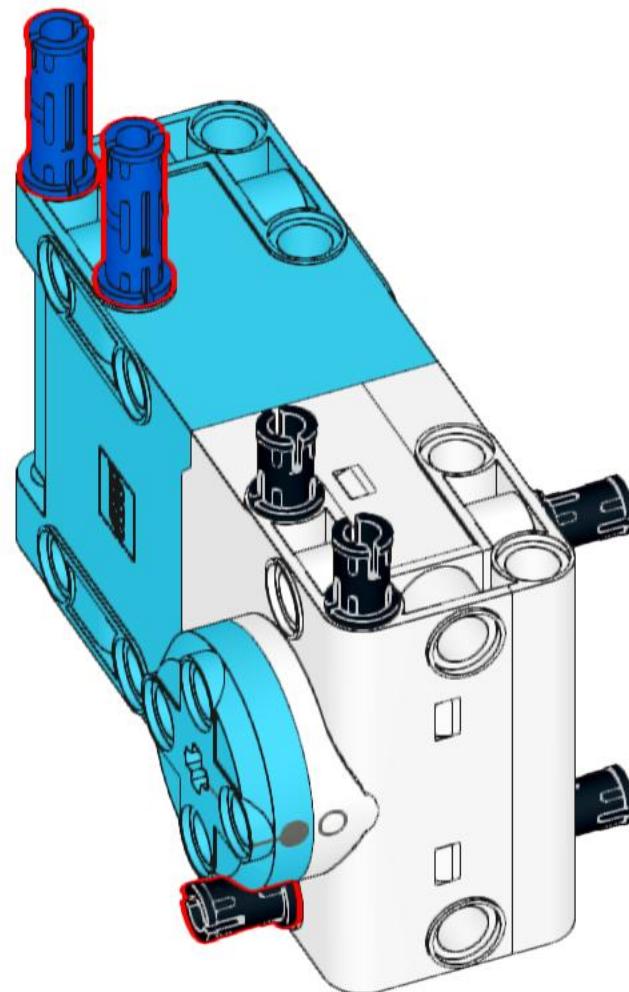
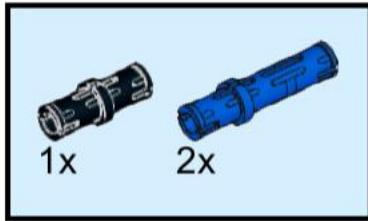


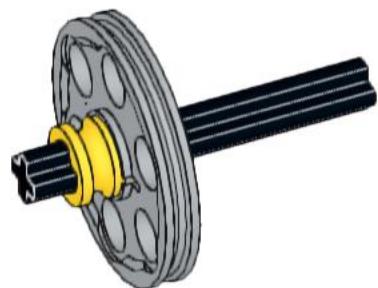
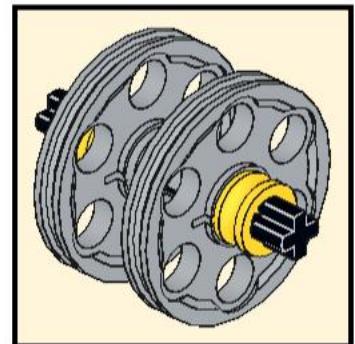
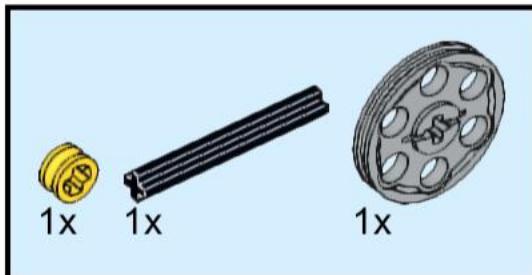
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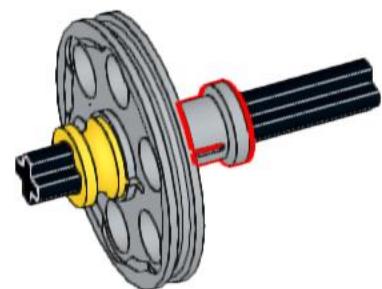
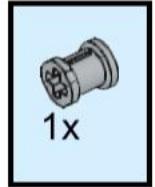


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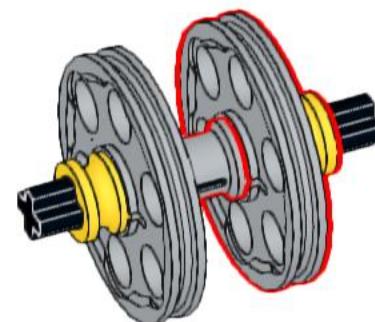
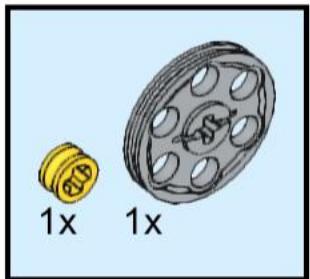


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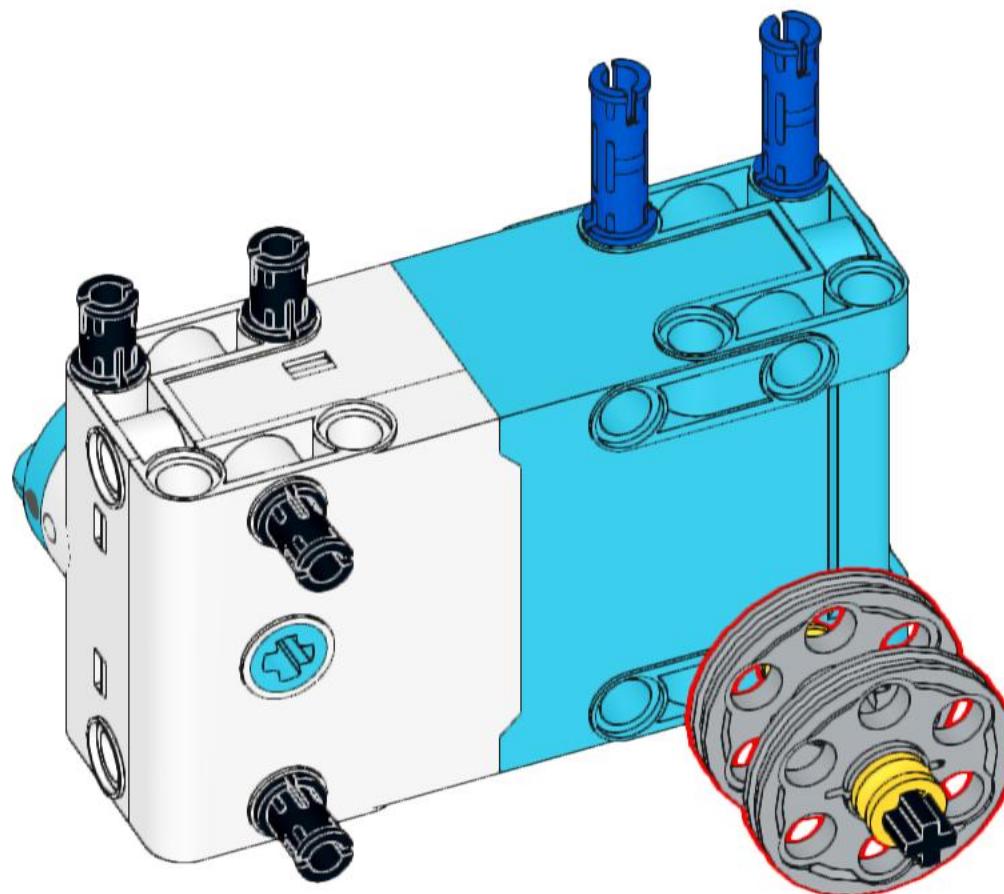
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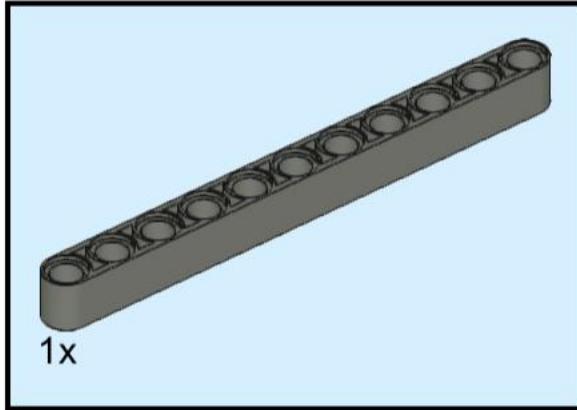
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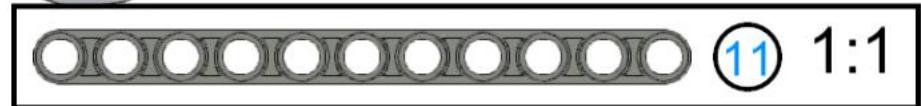
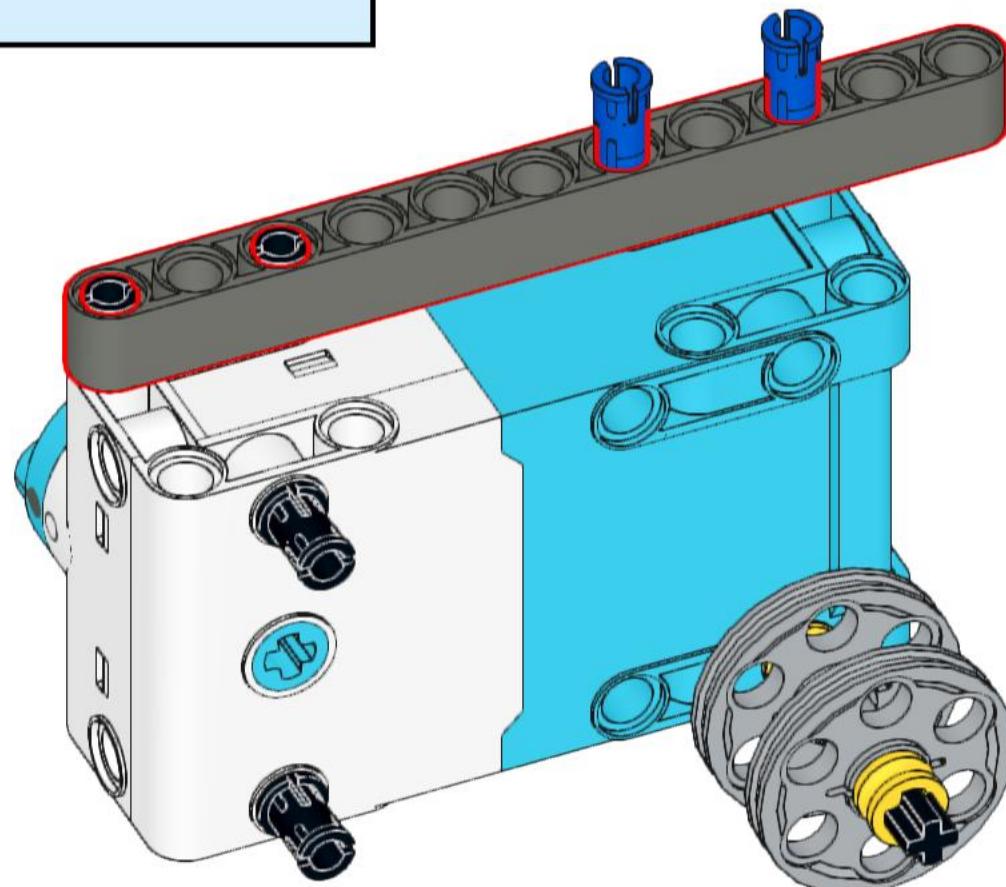
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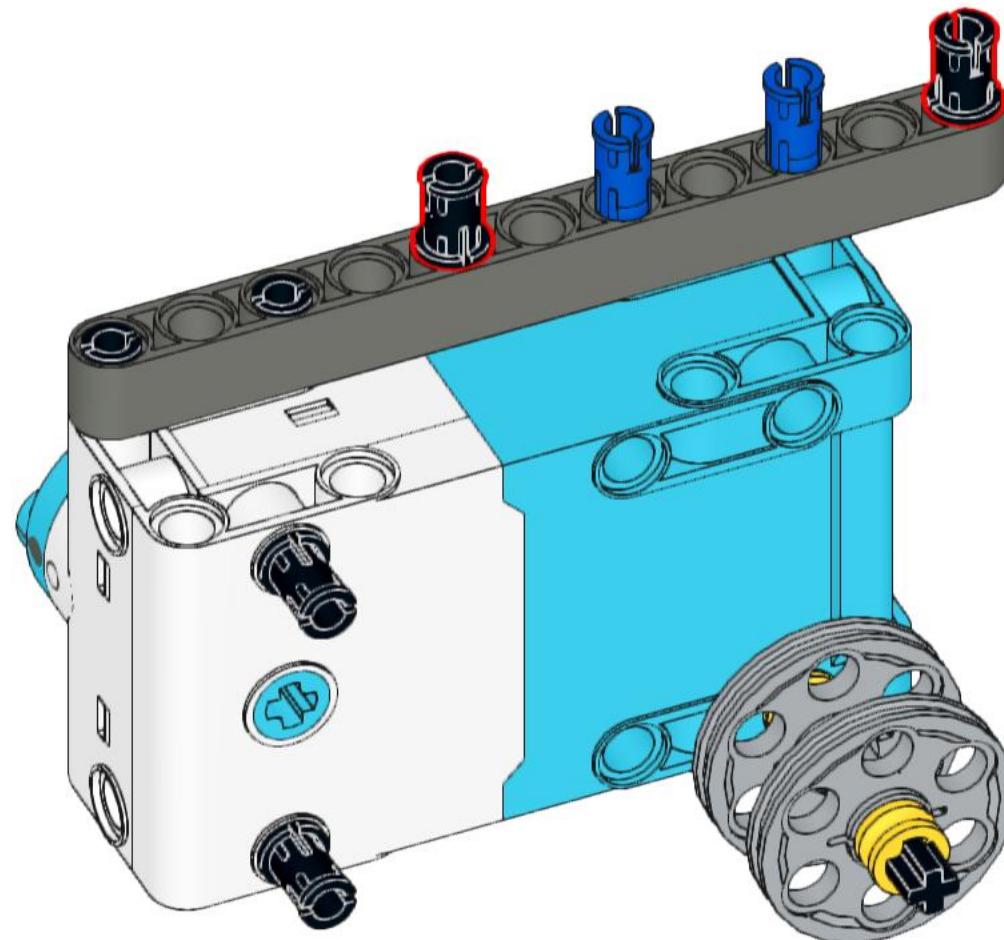
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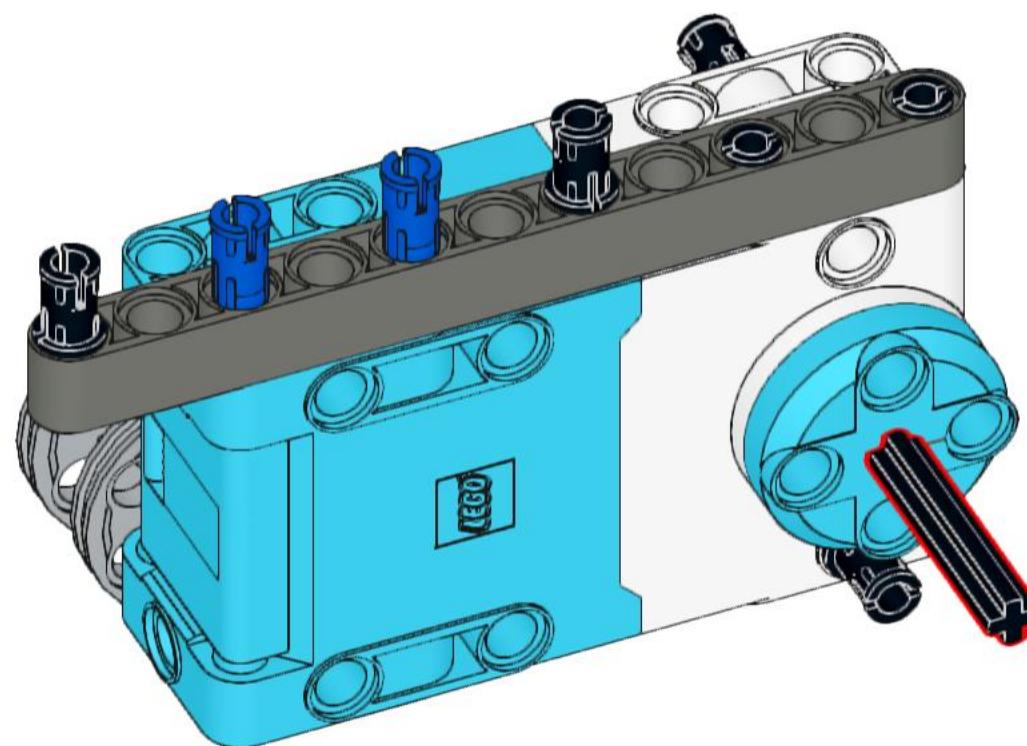
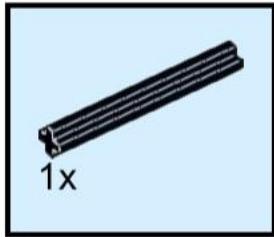
Remember to save the four colored beams until near the end. I'll remind you when to use them



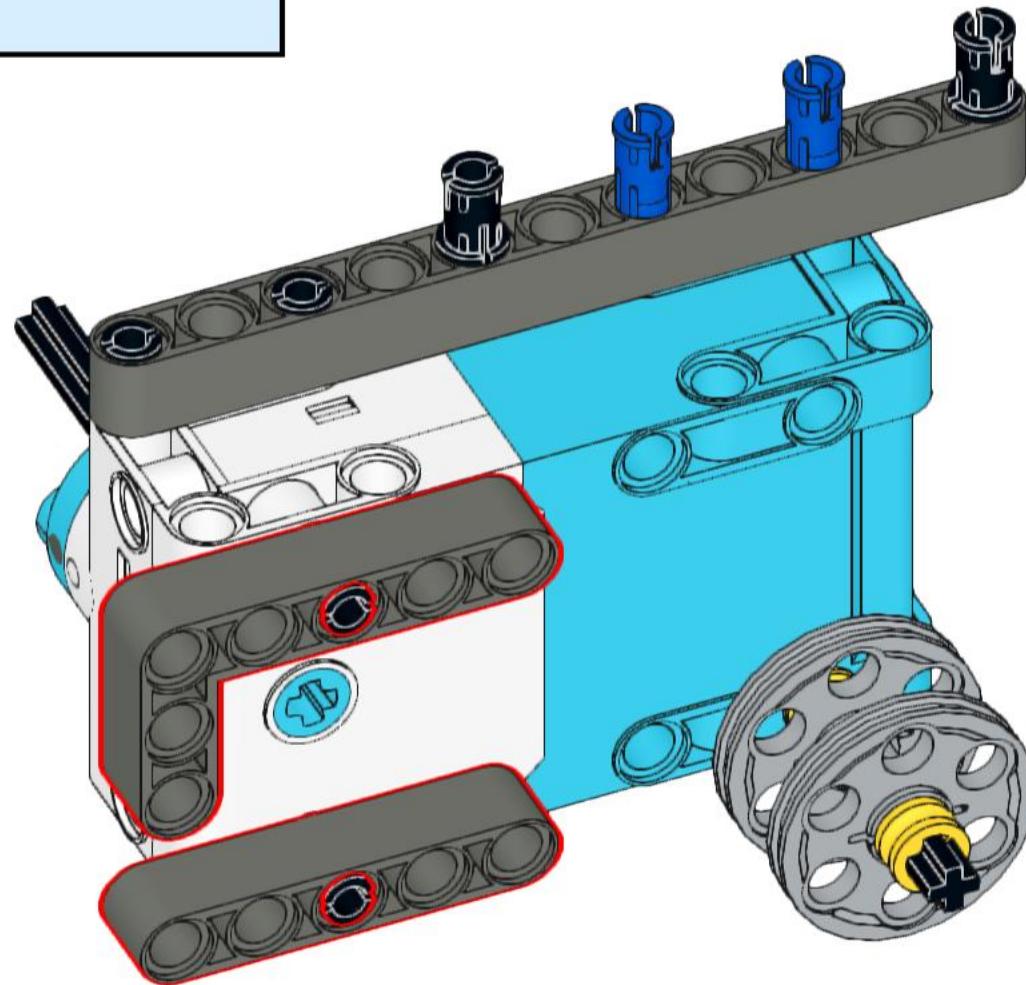
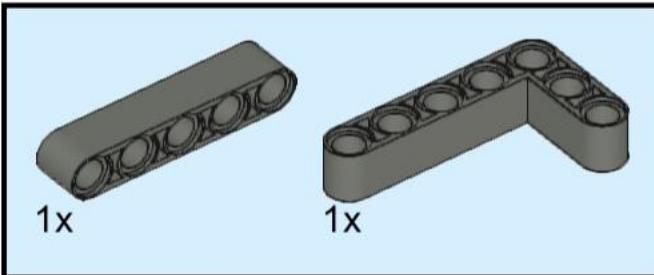
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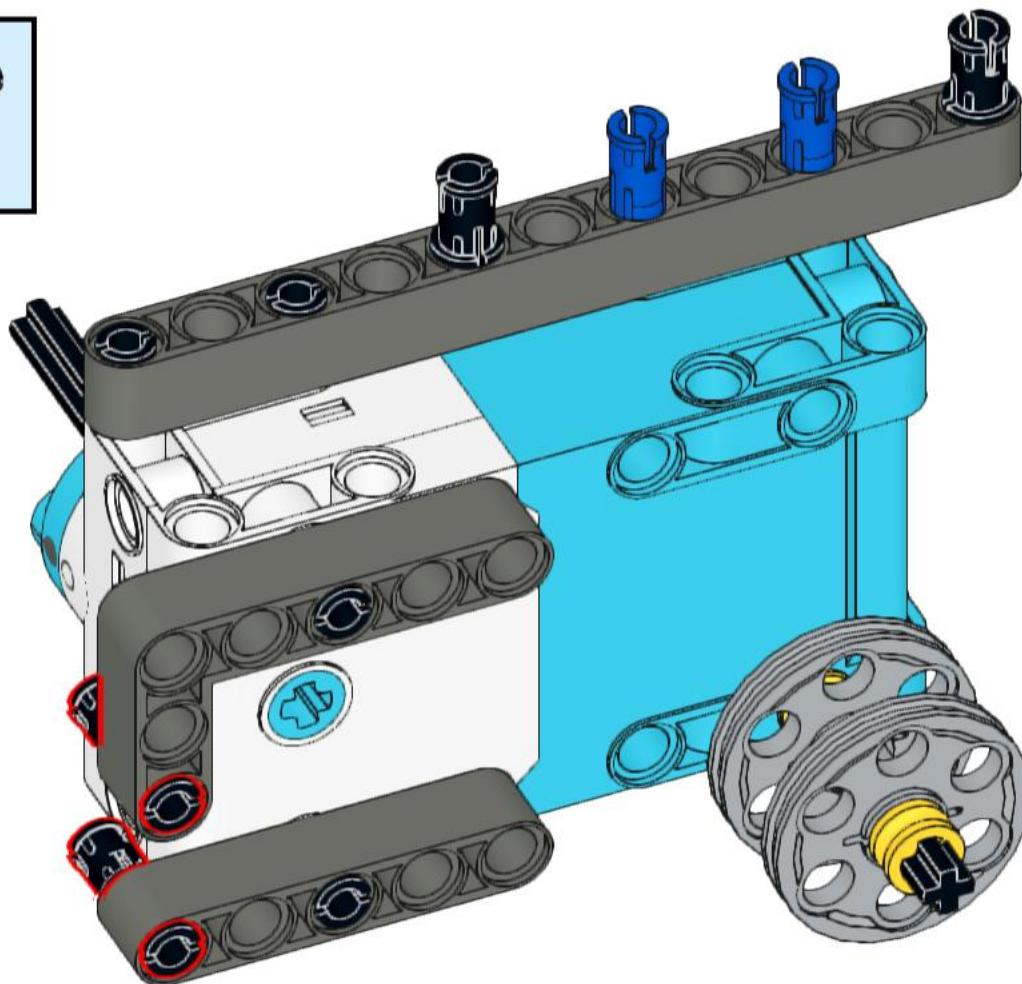
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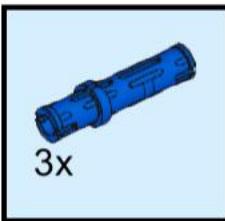
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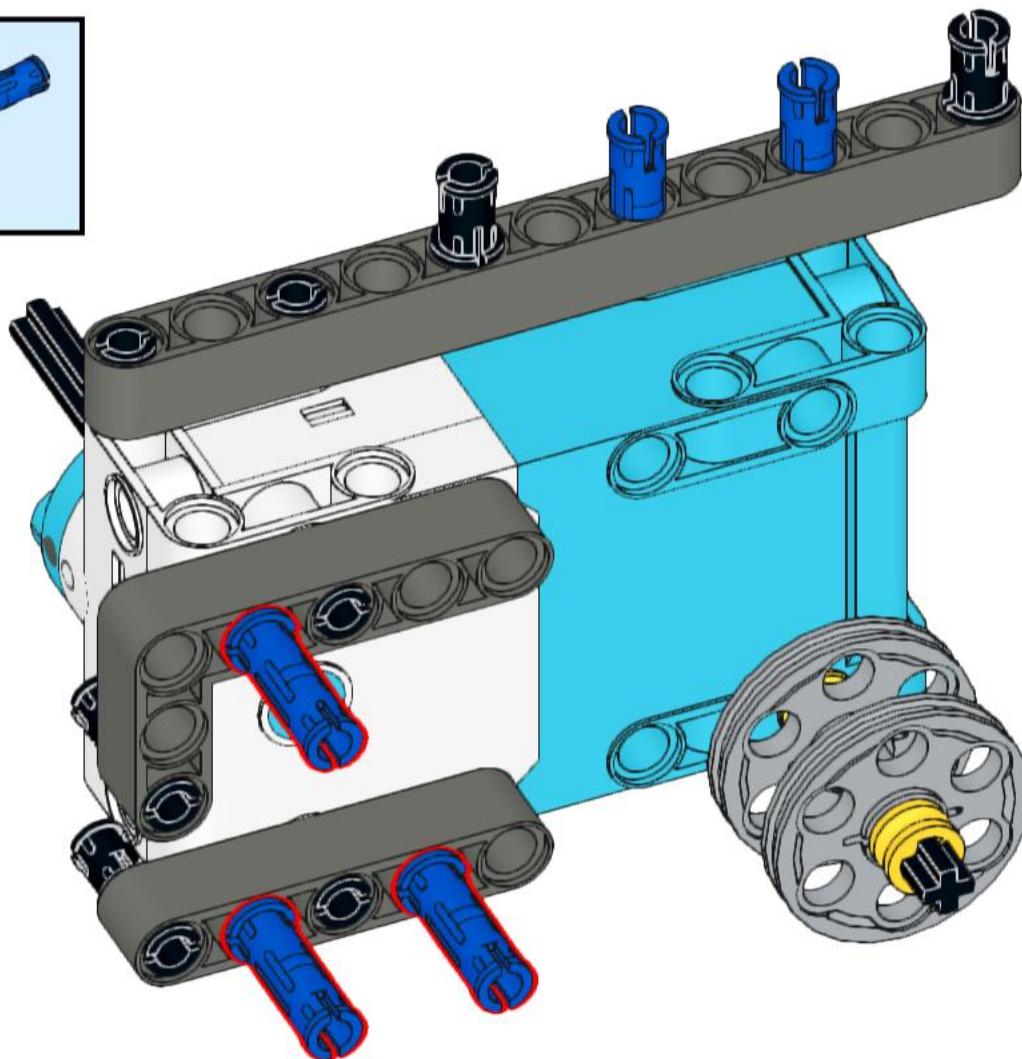
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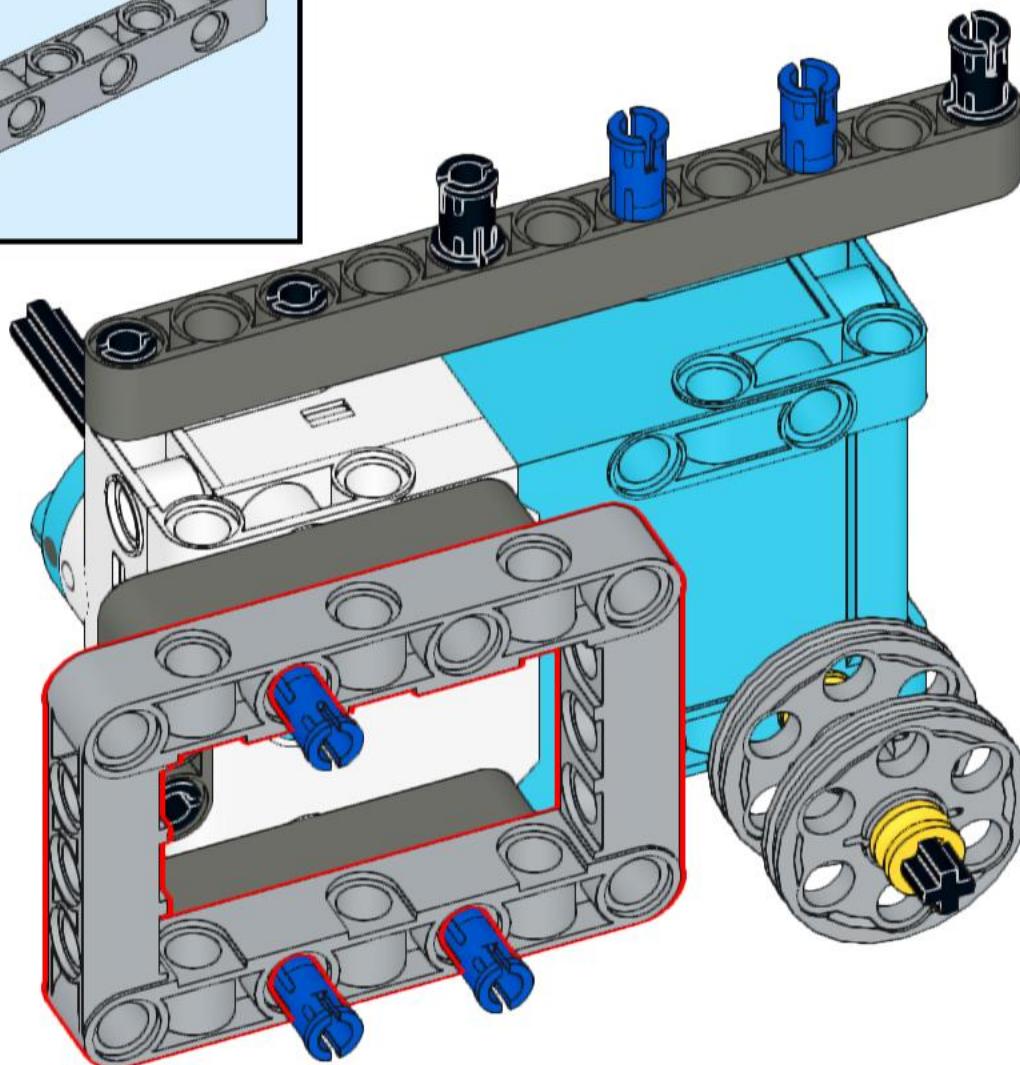
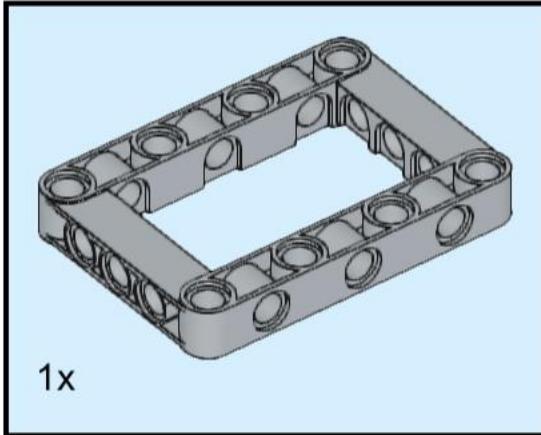
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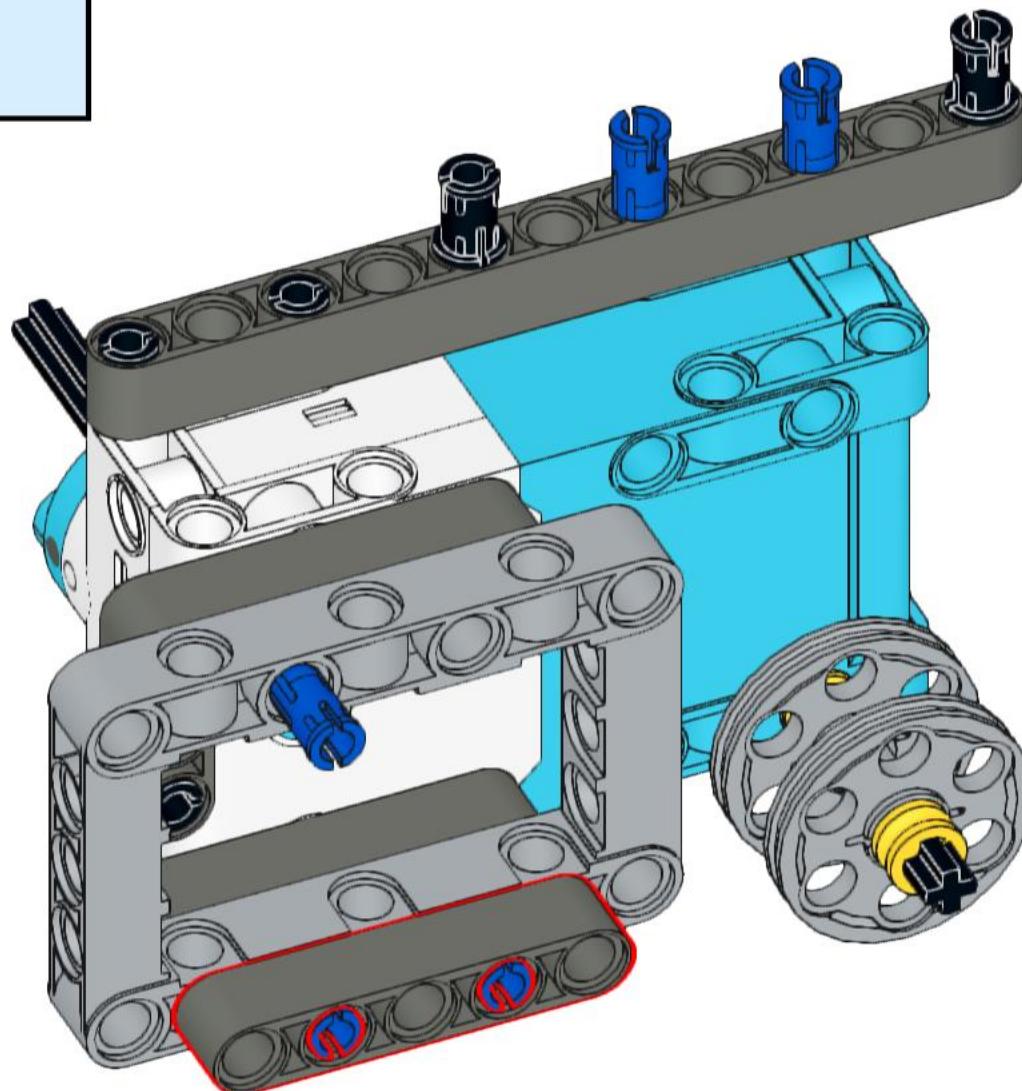
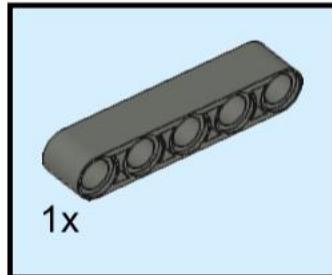
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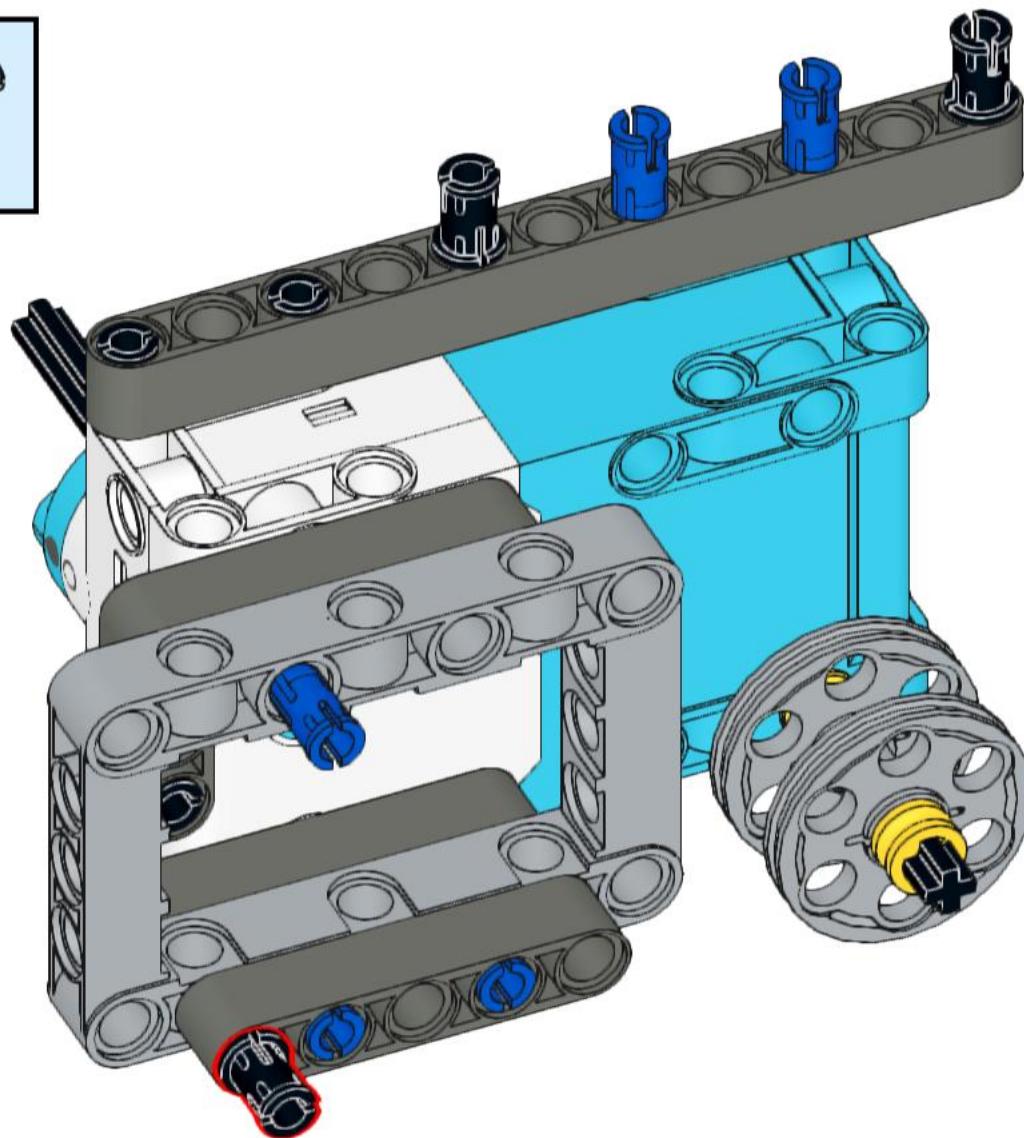
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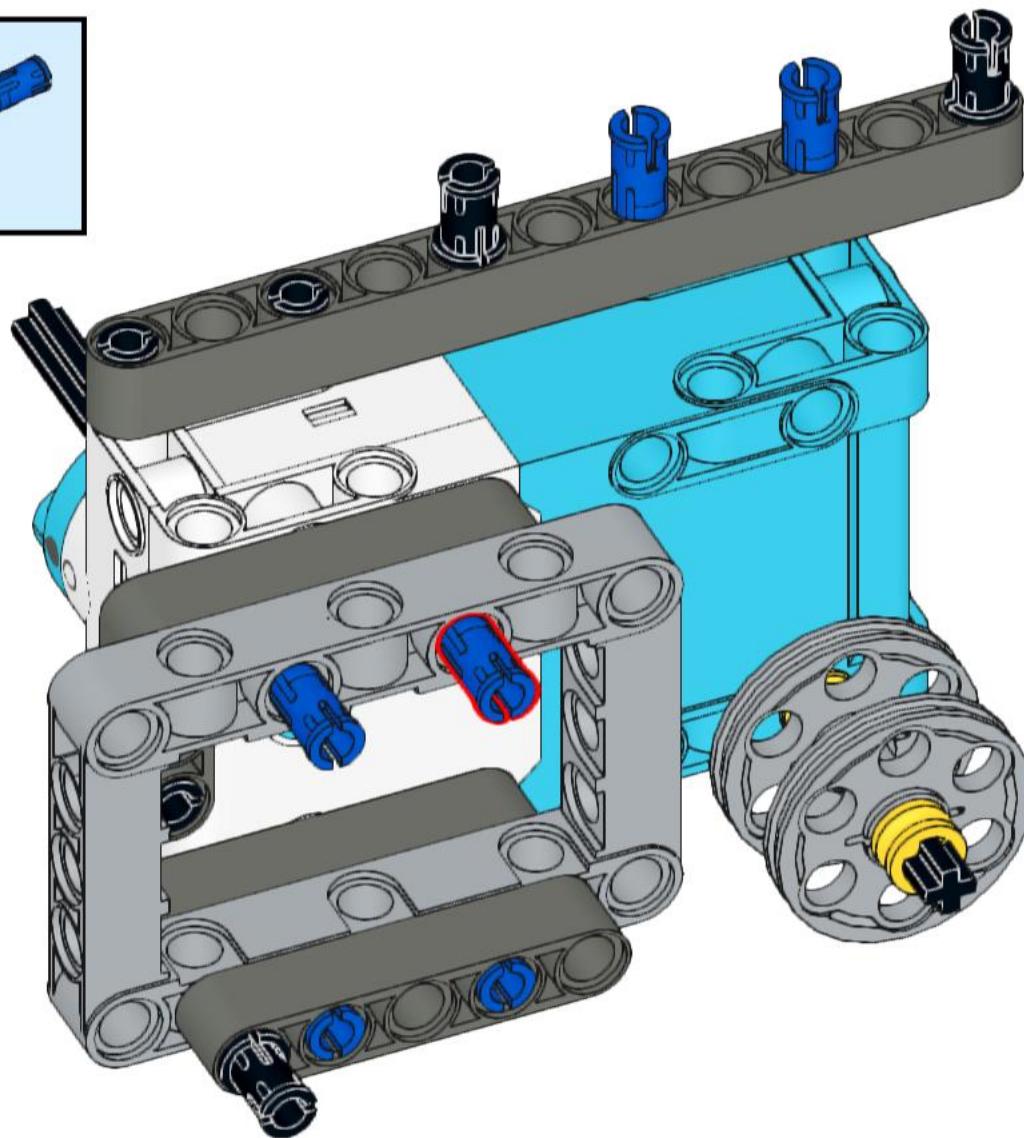
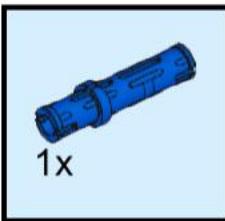
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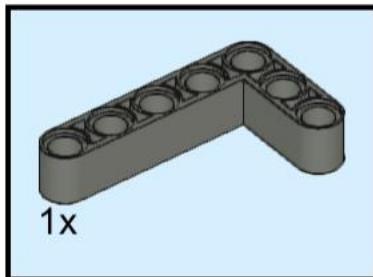
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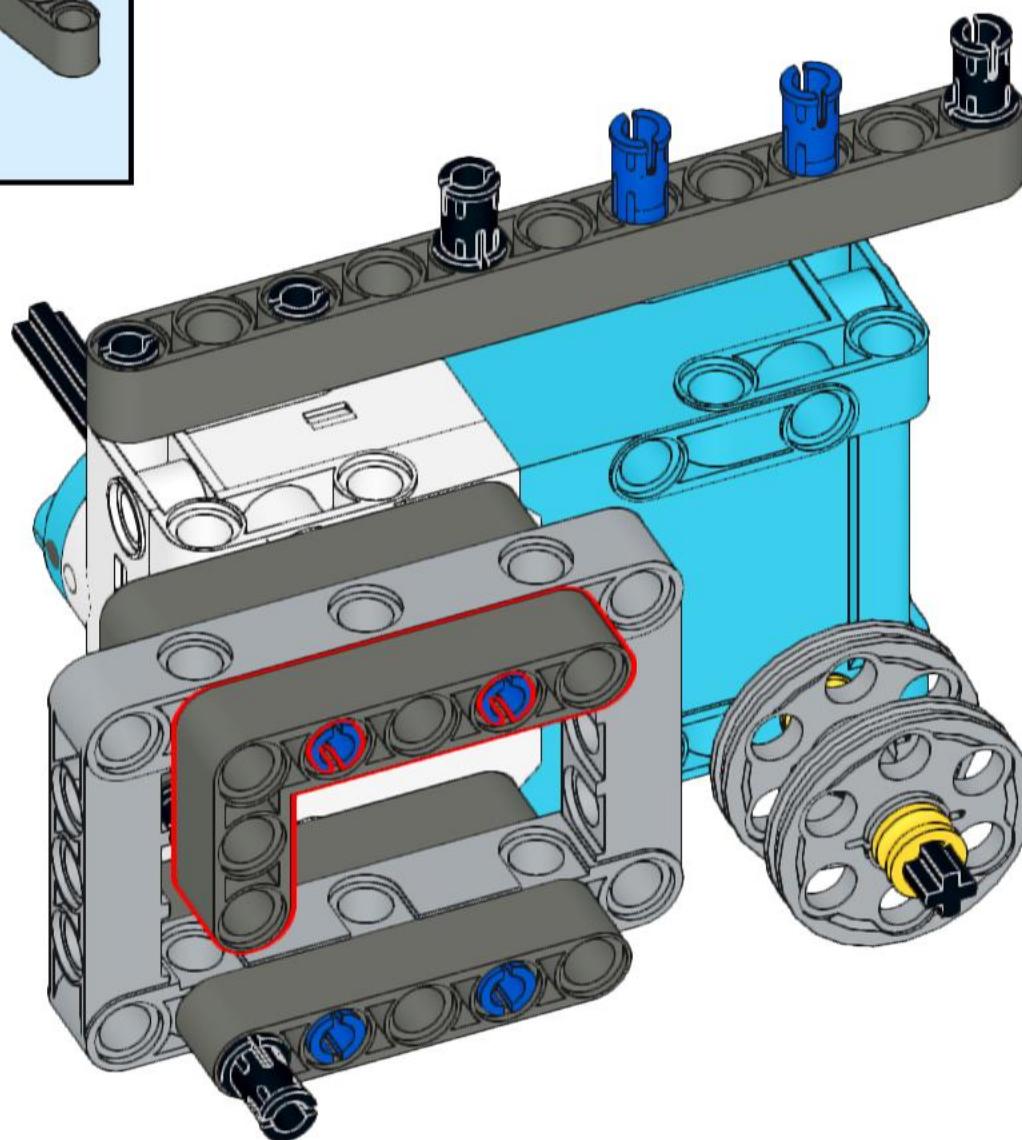
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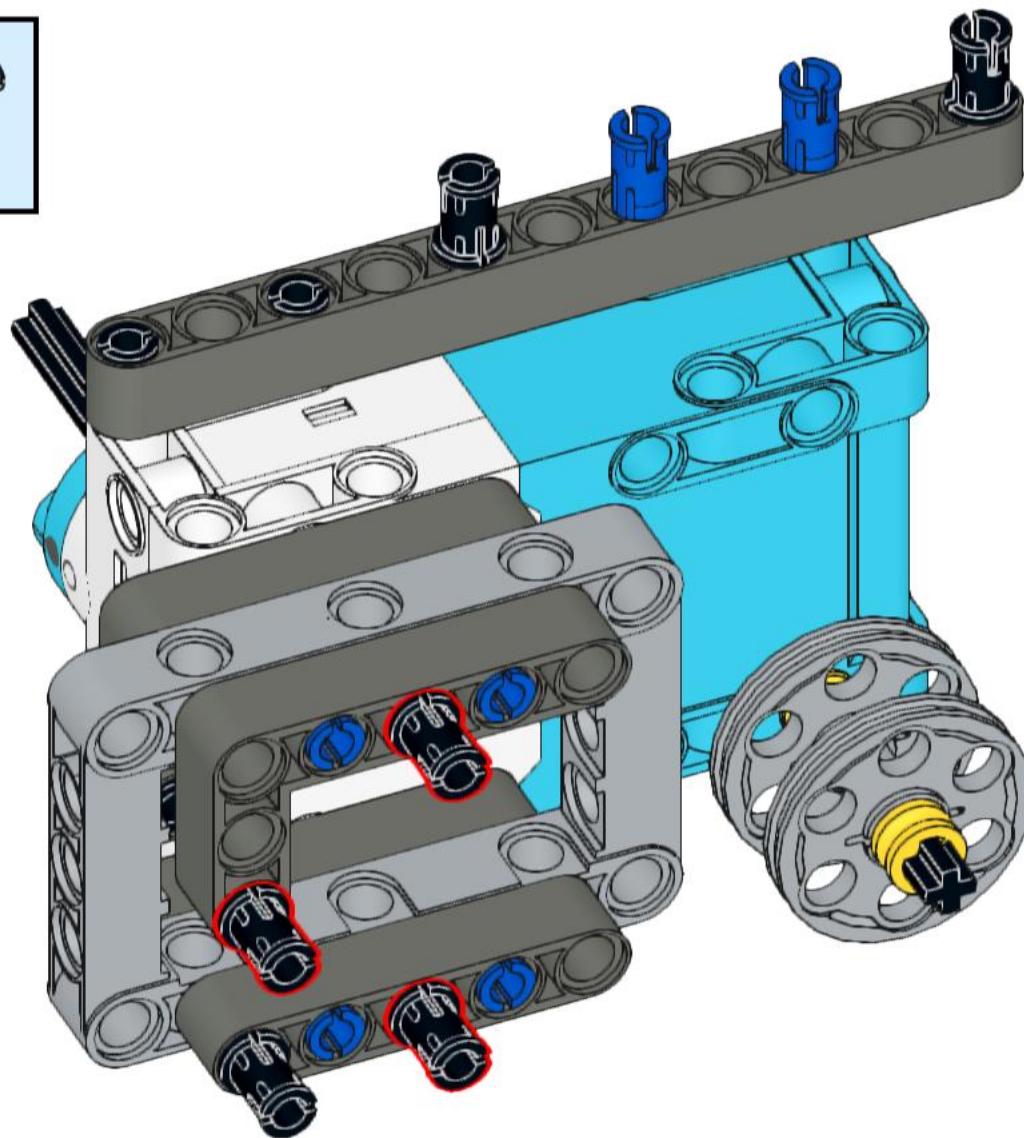
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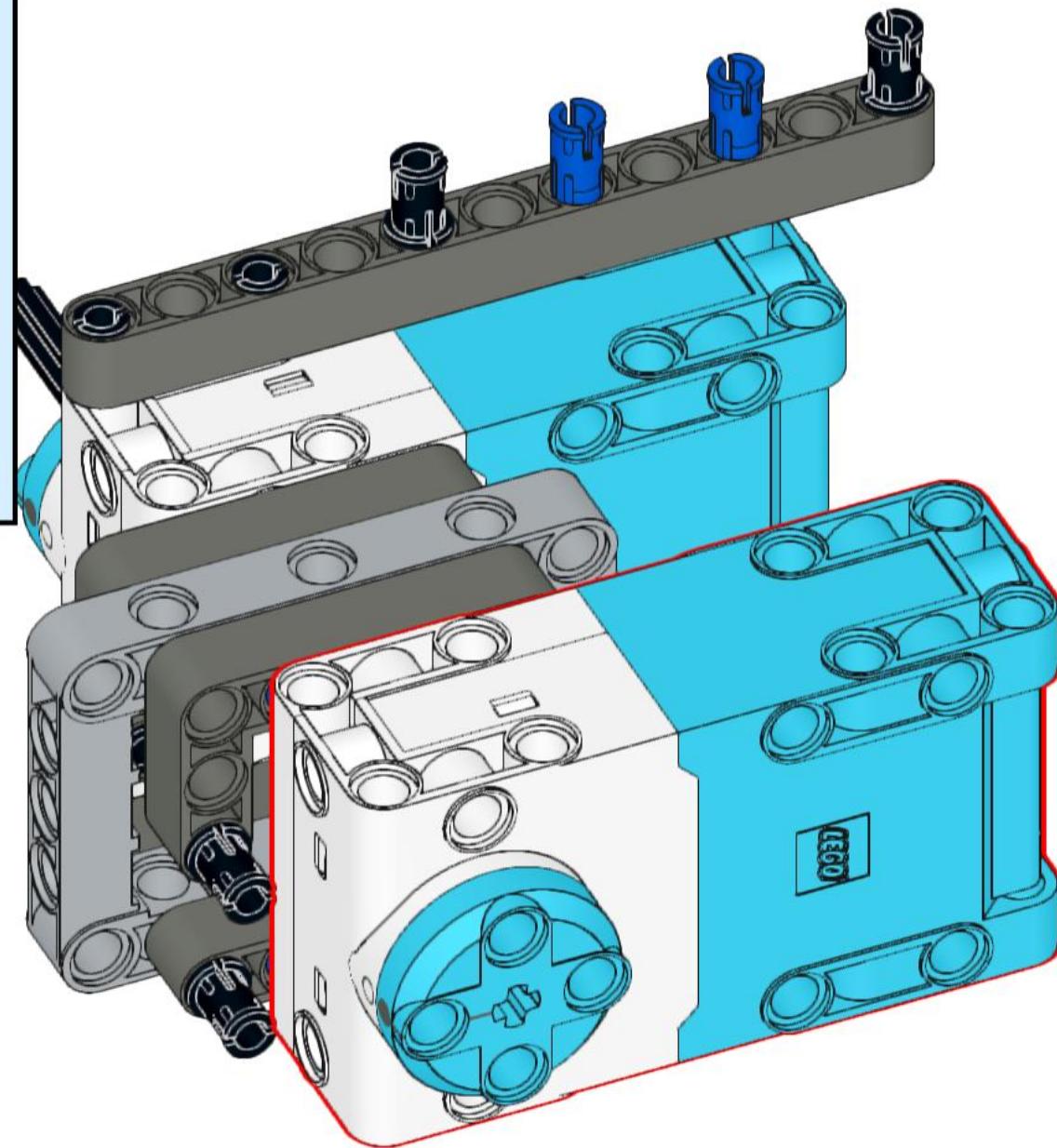
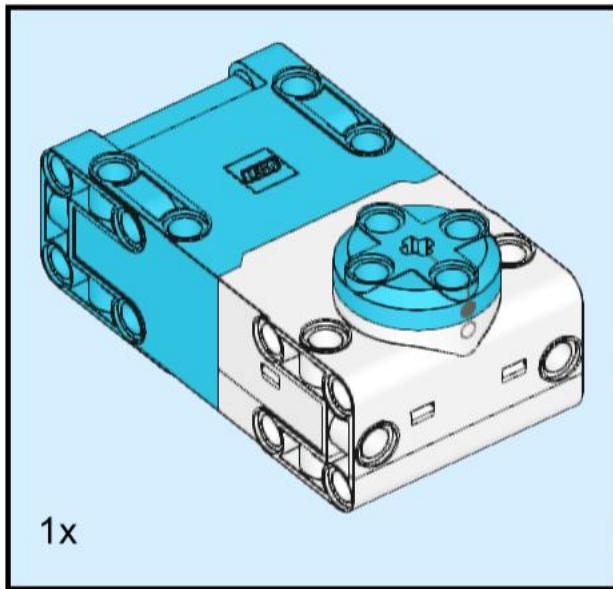
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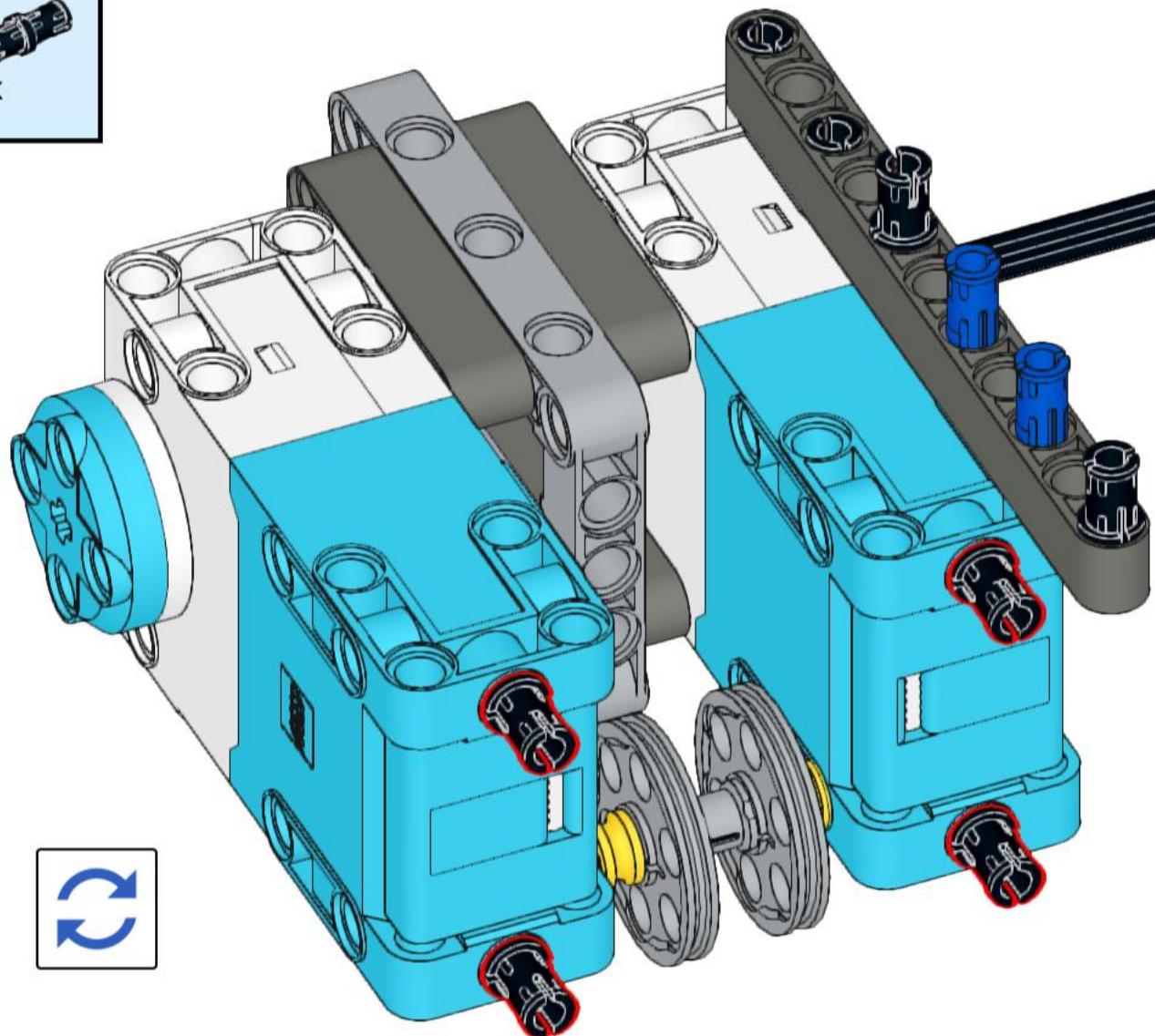
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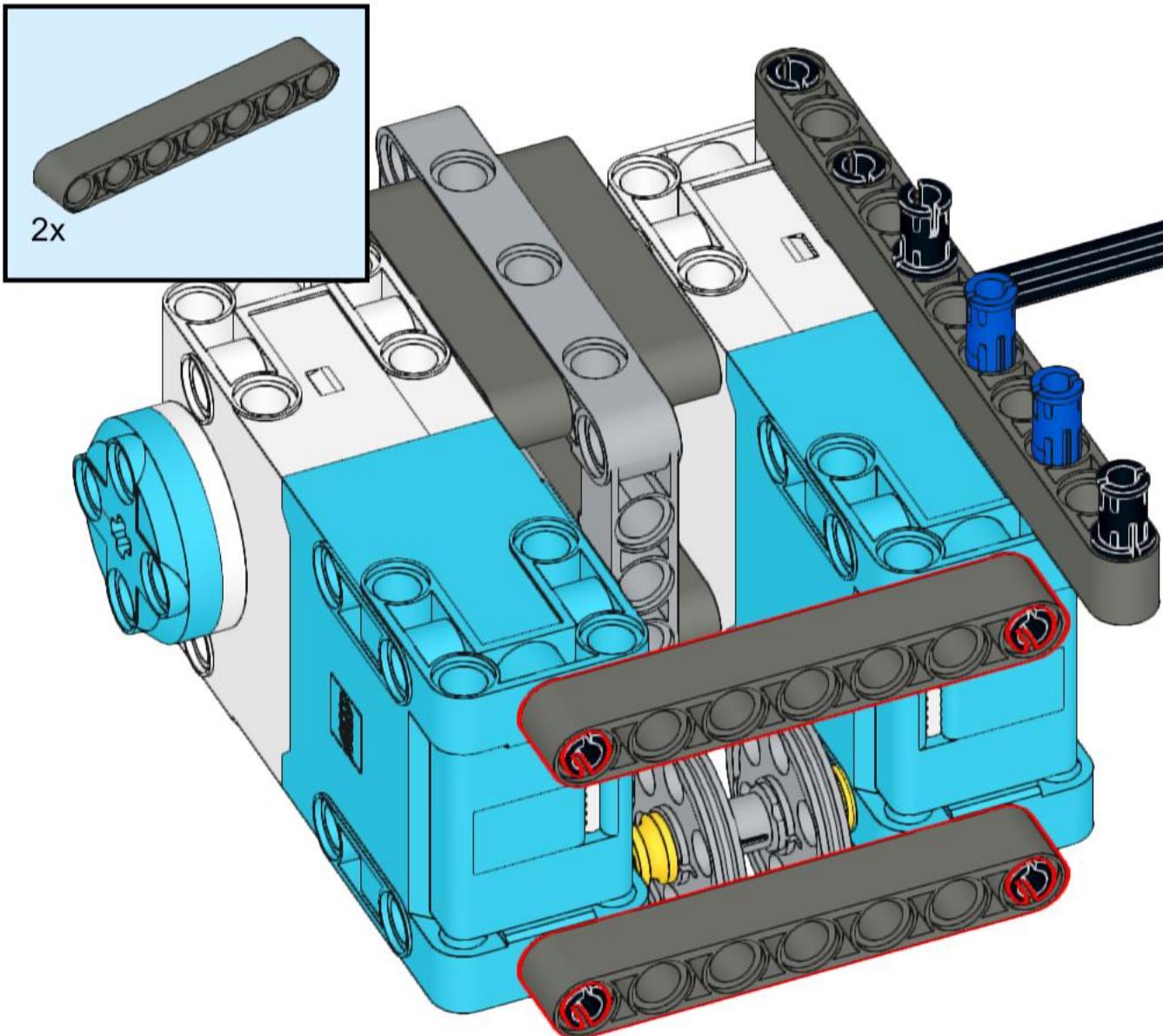
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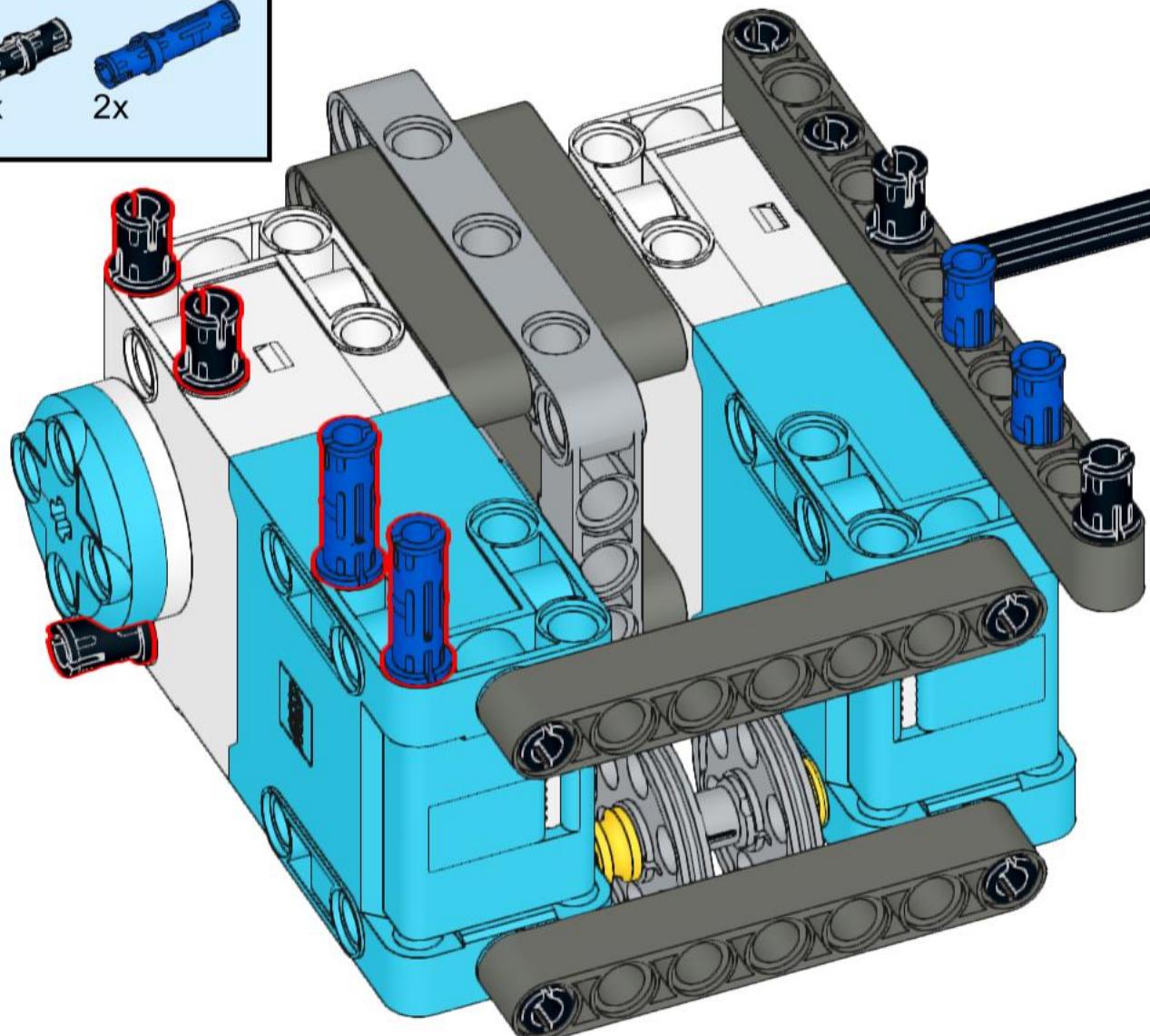
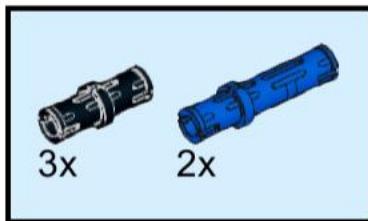
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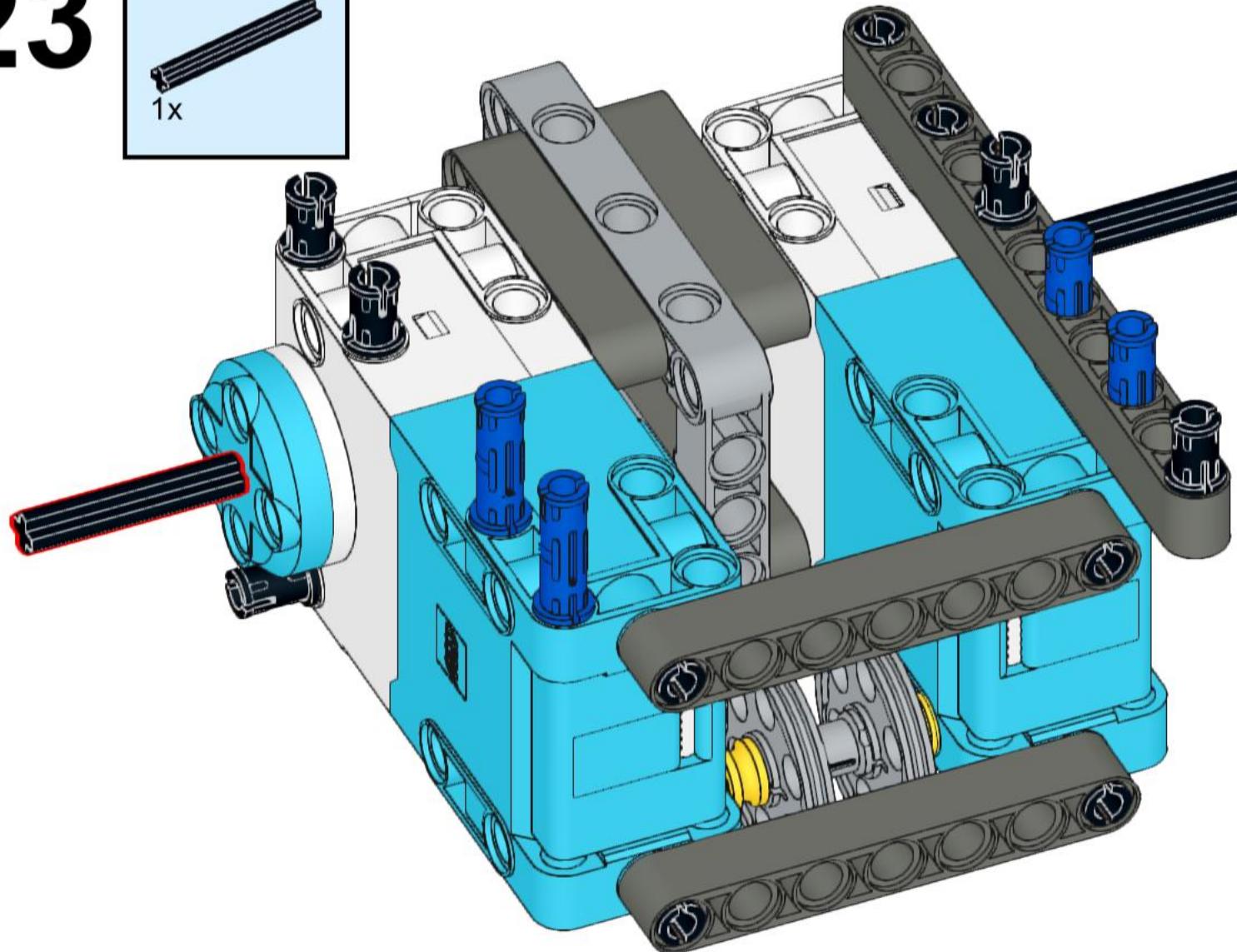
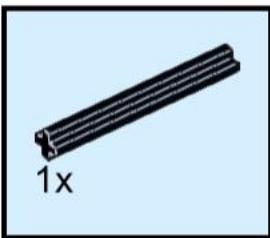
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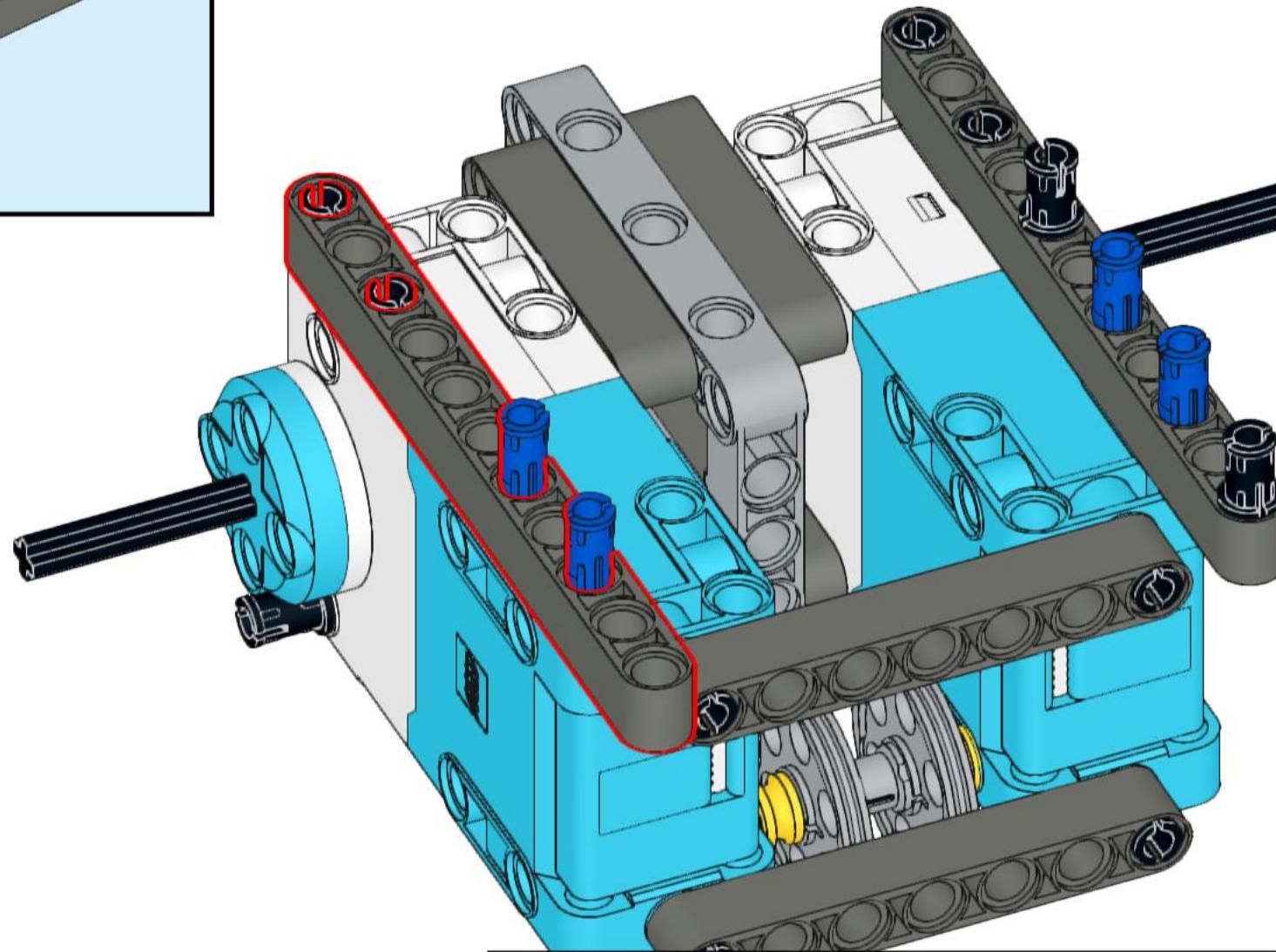
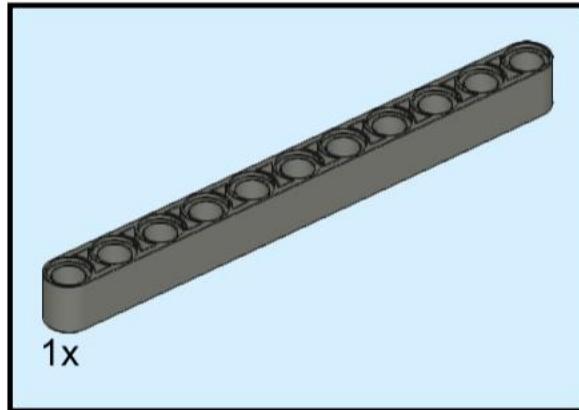


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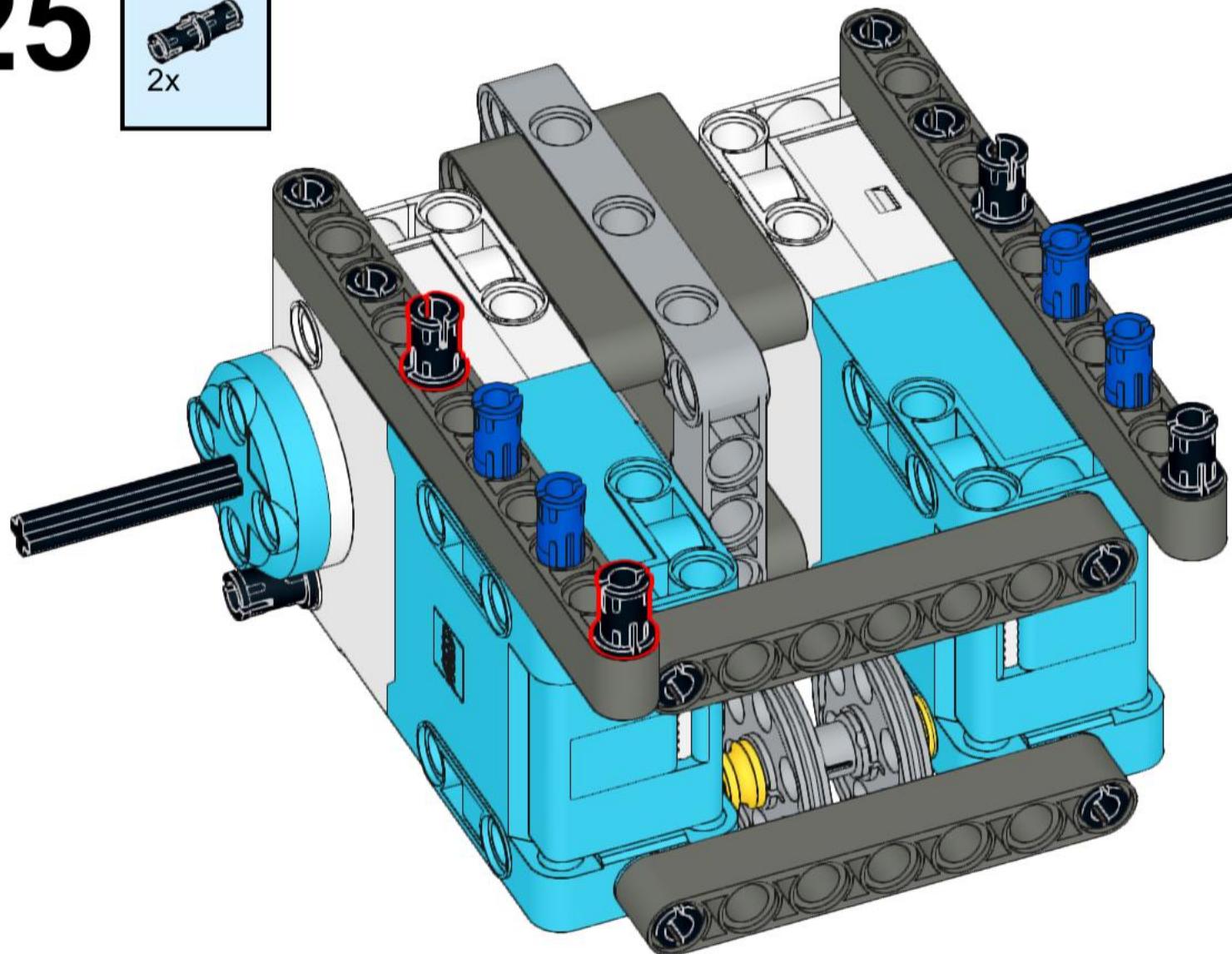


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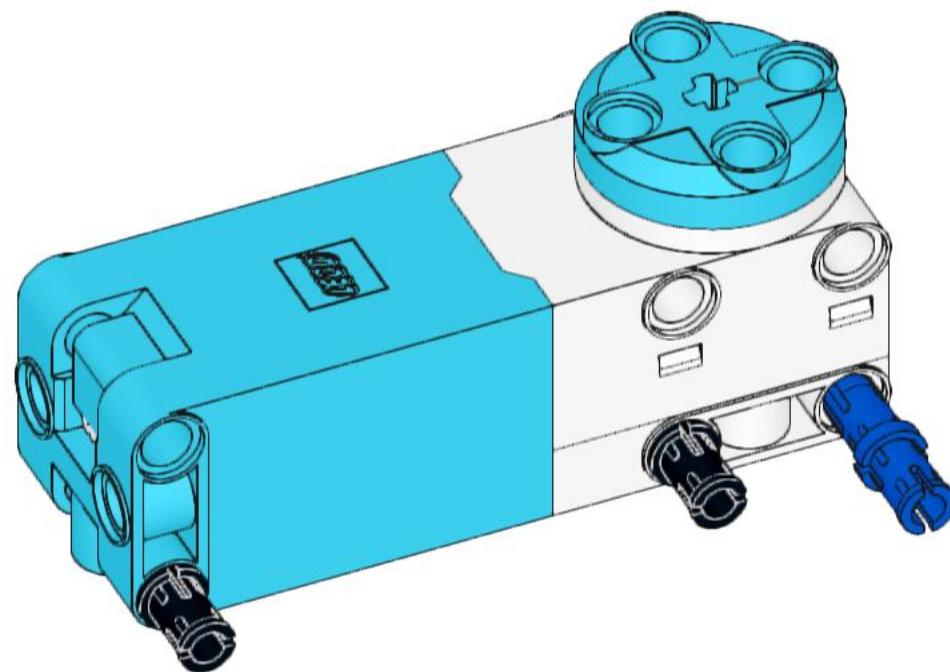
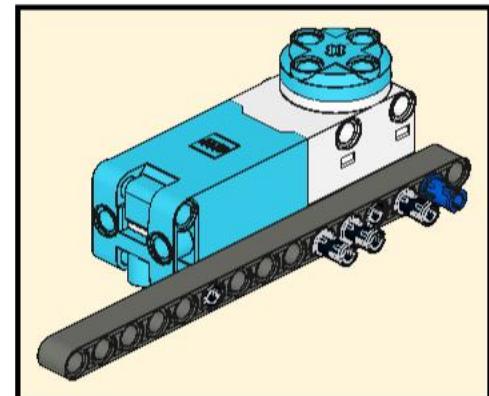
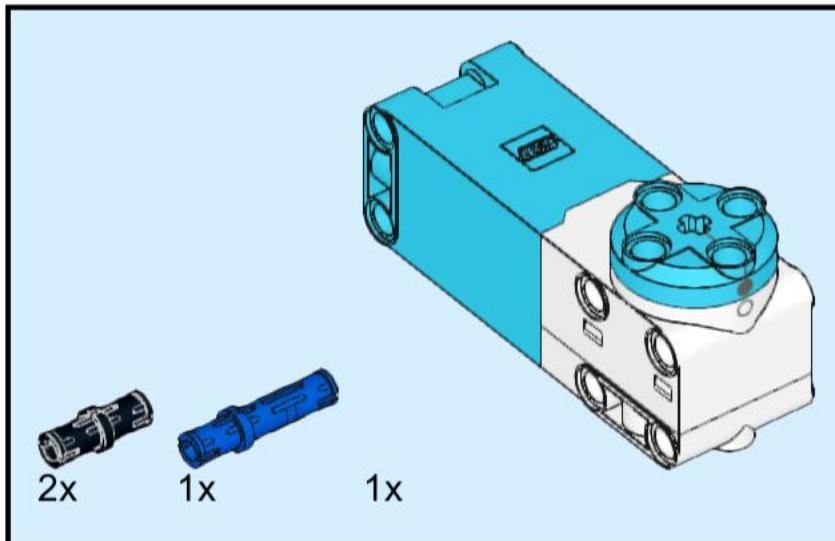
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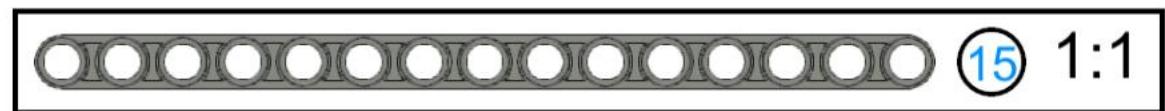
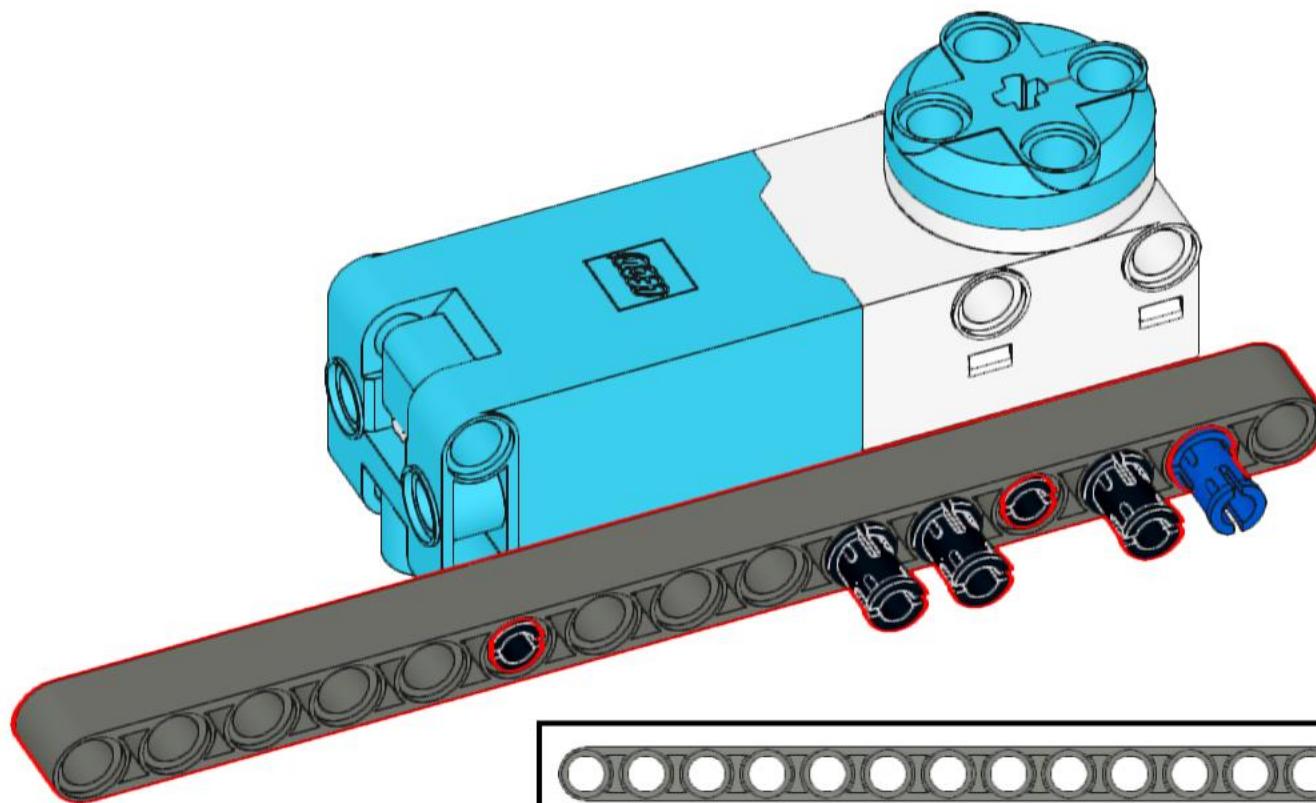
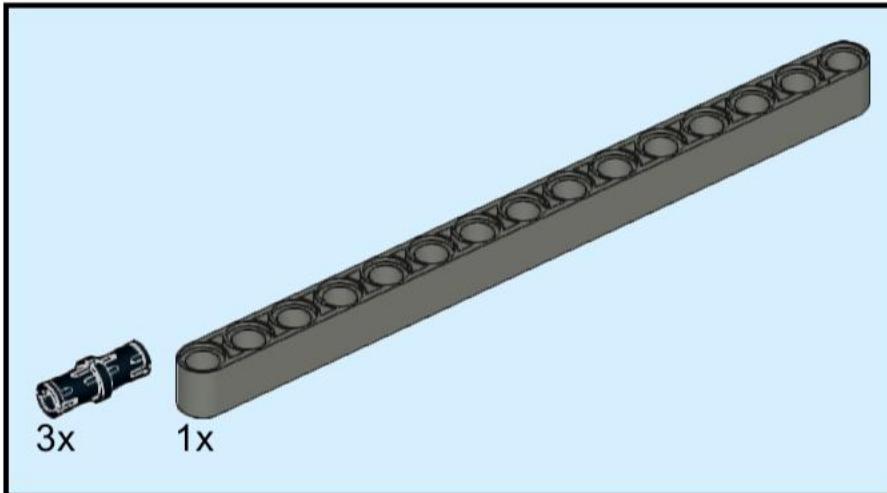
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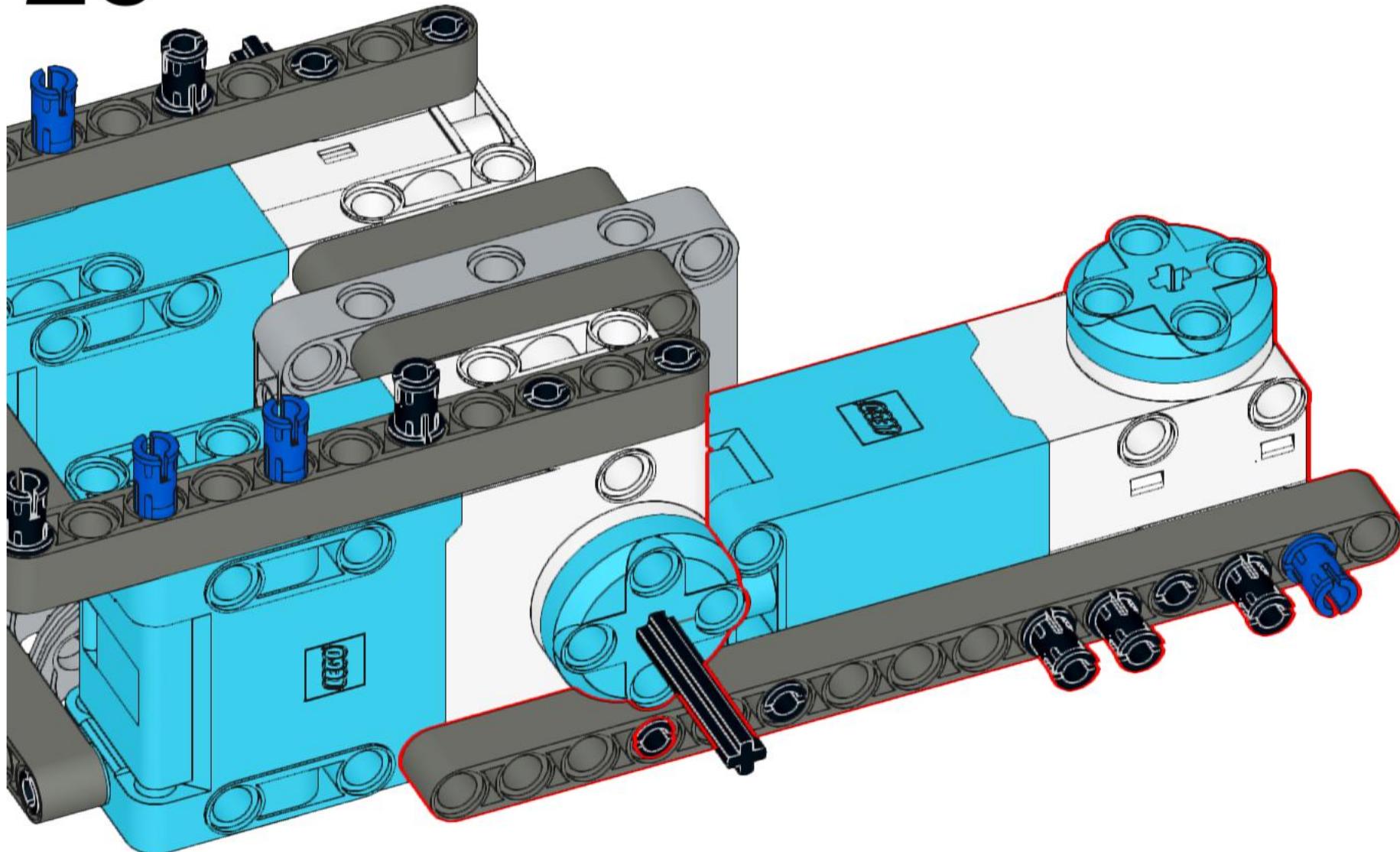
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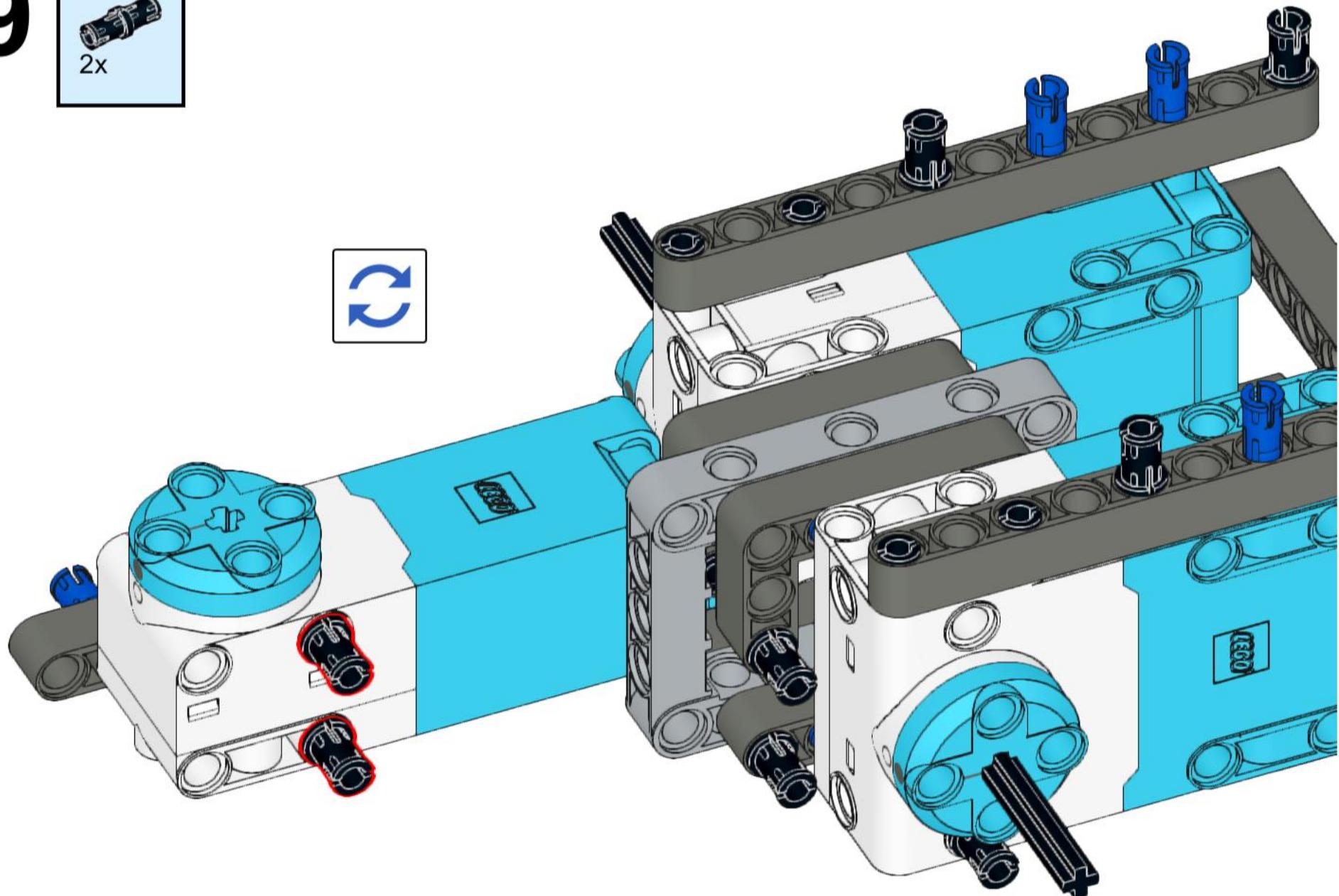
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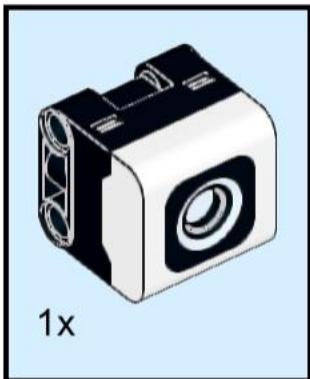
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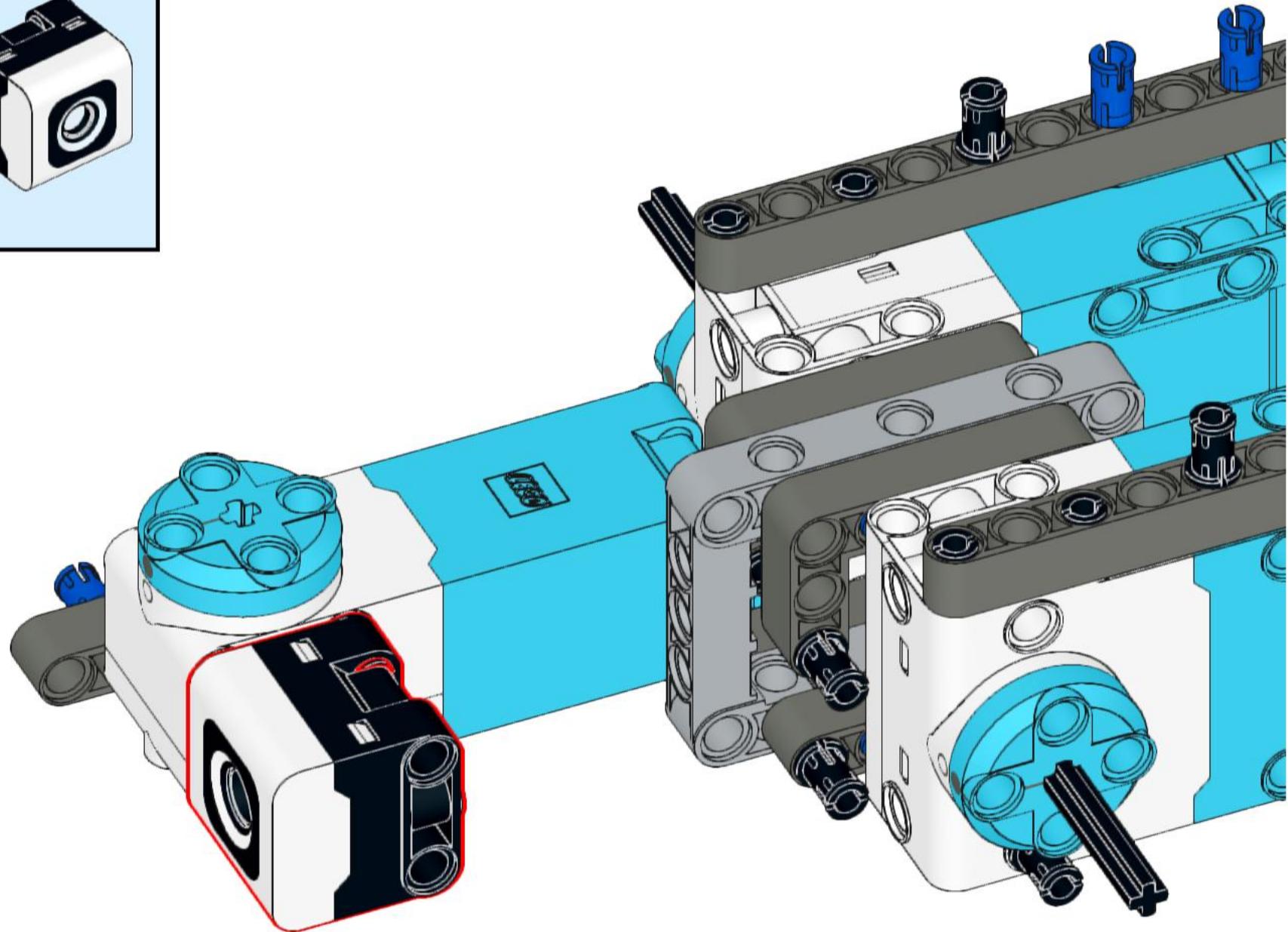
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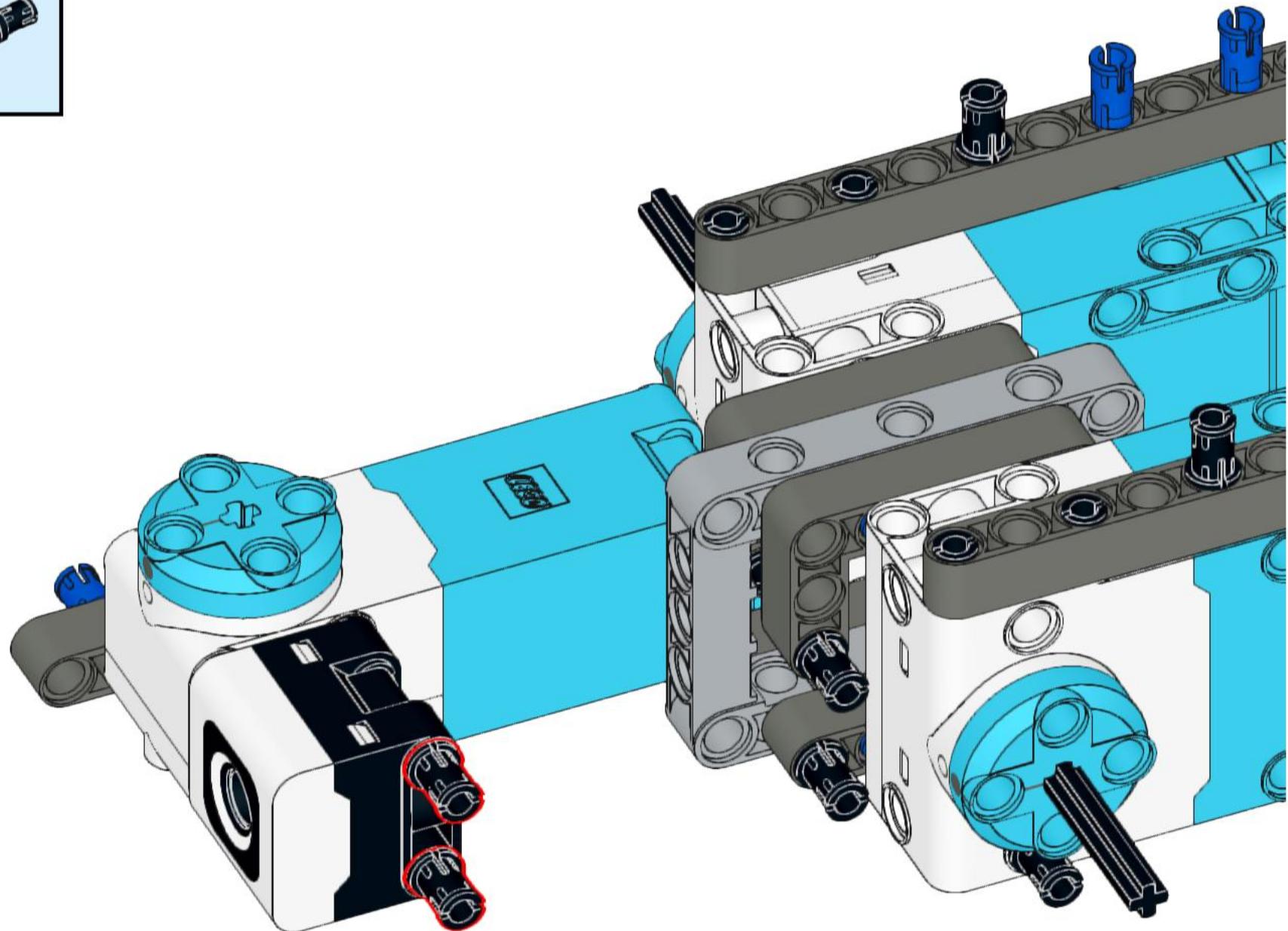
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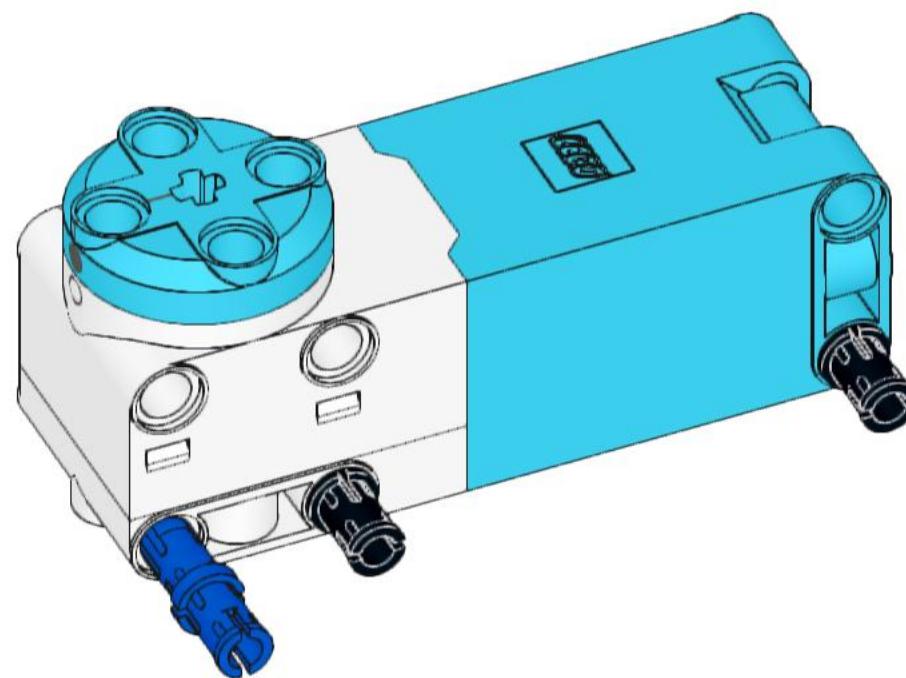
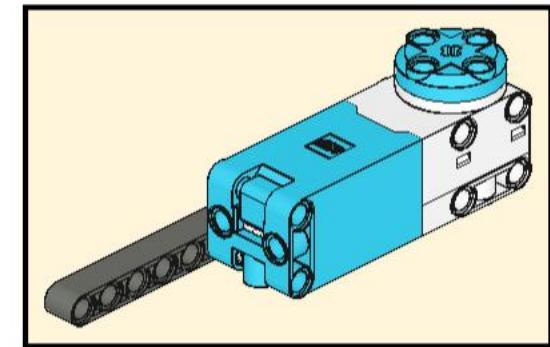
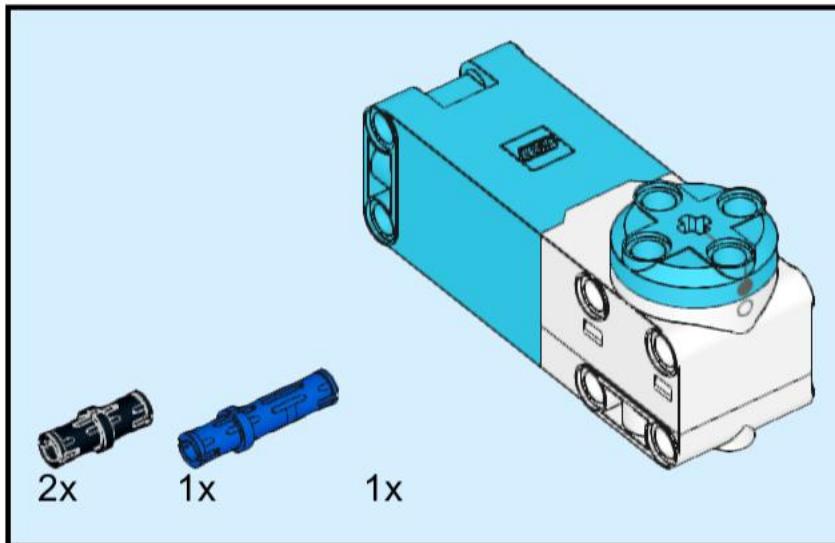
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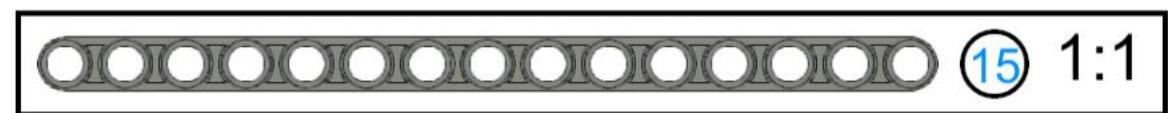
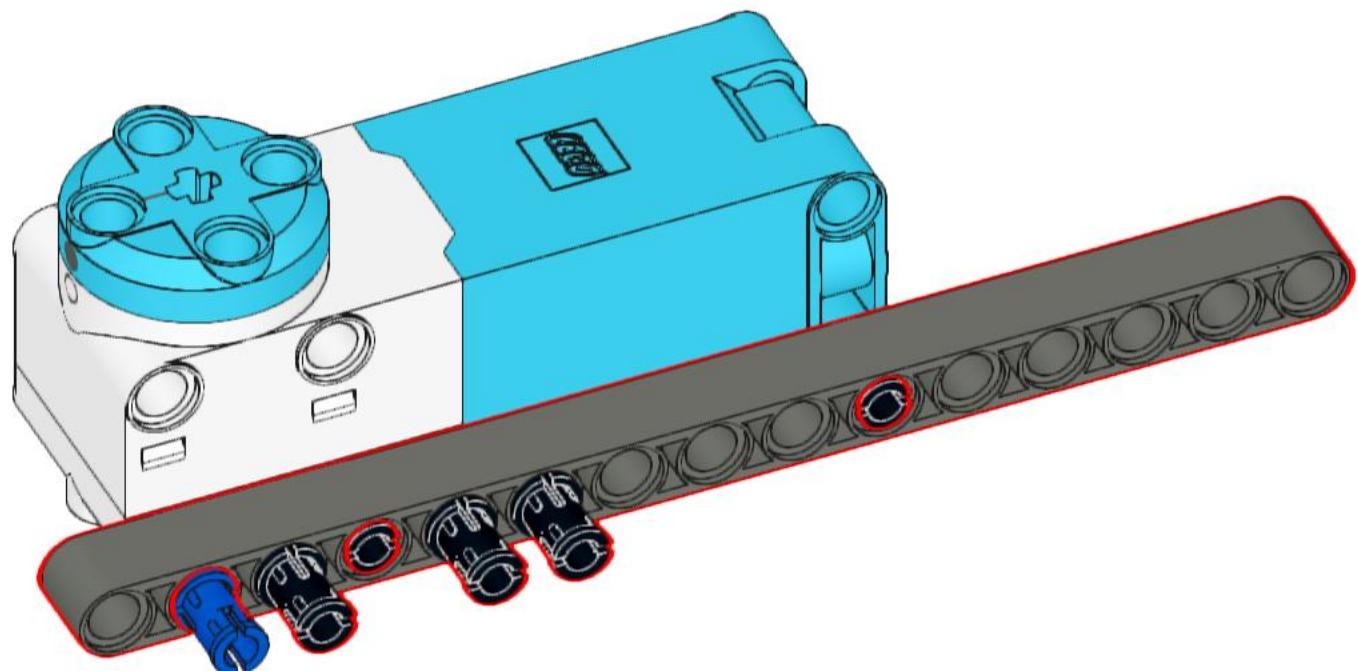
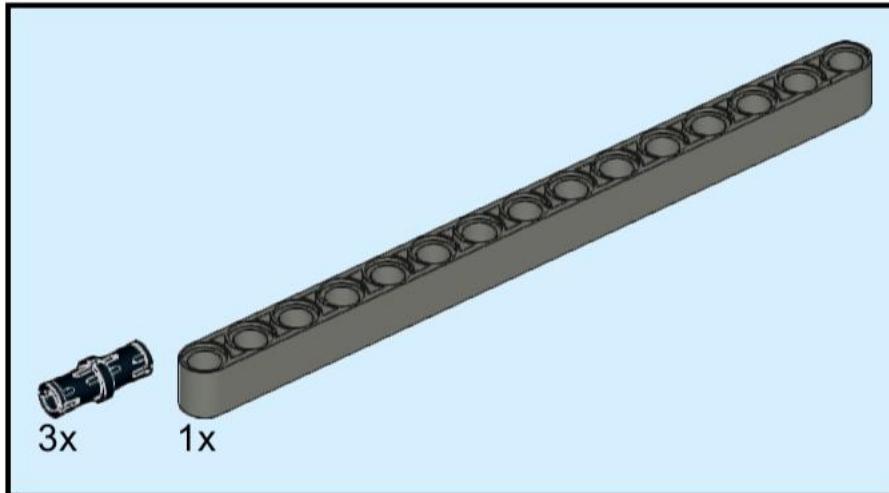
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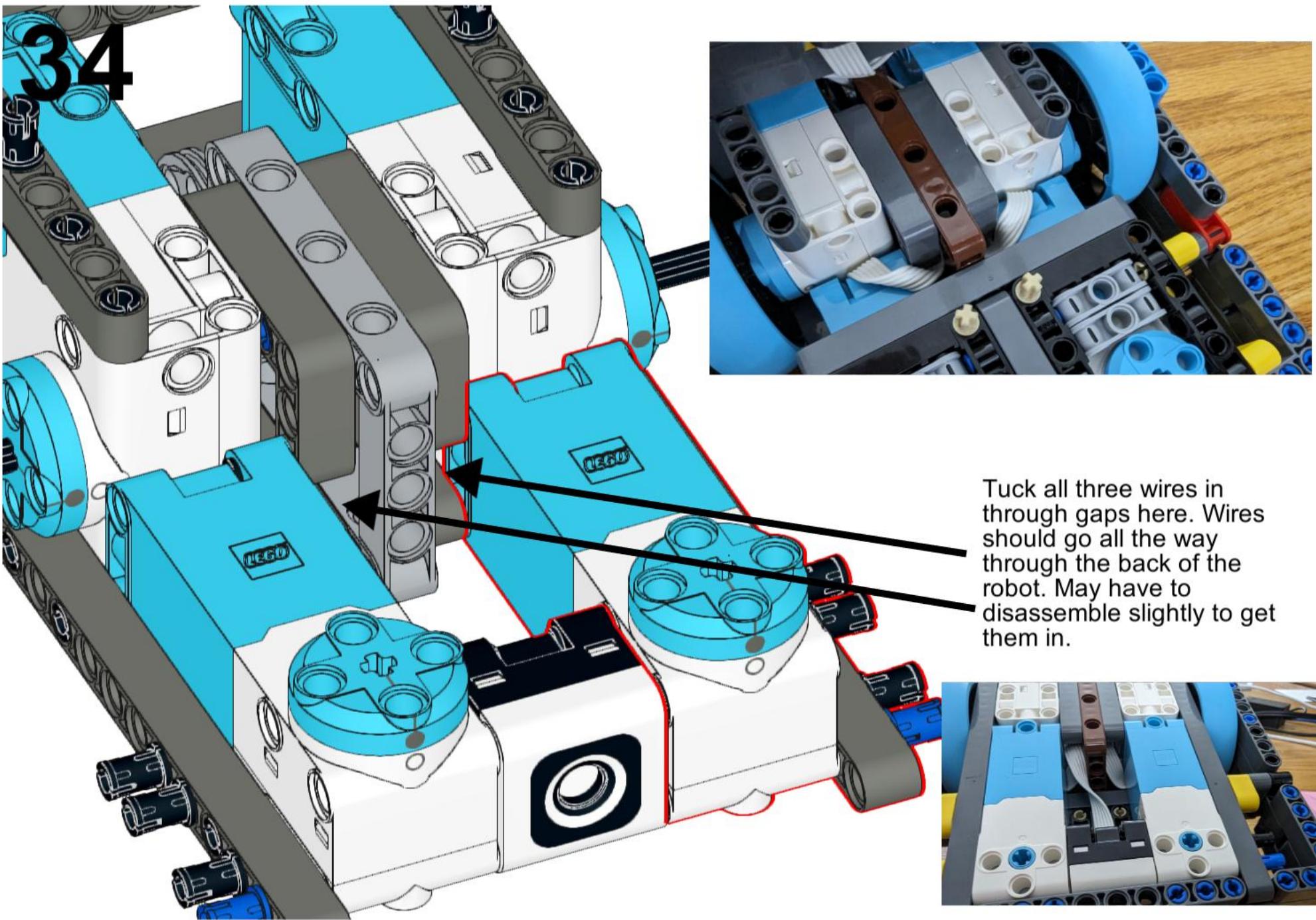
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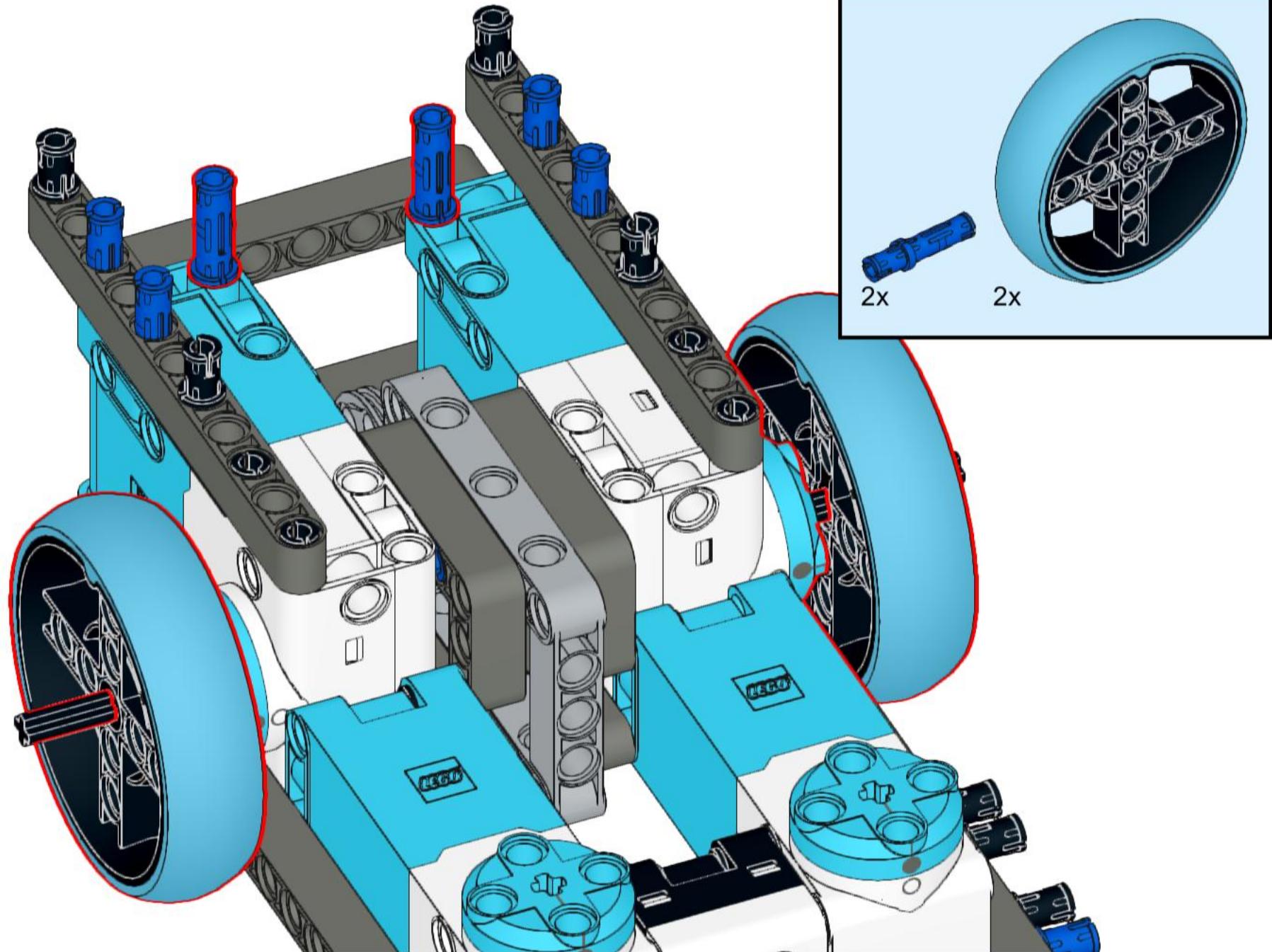
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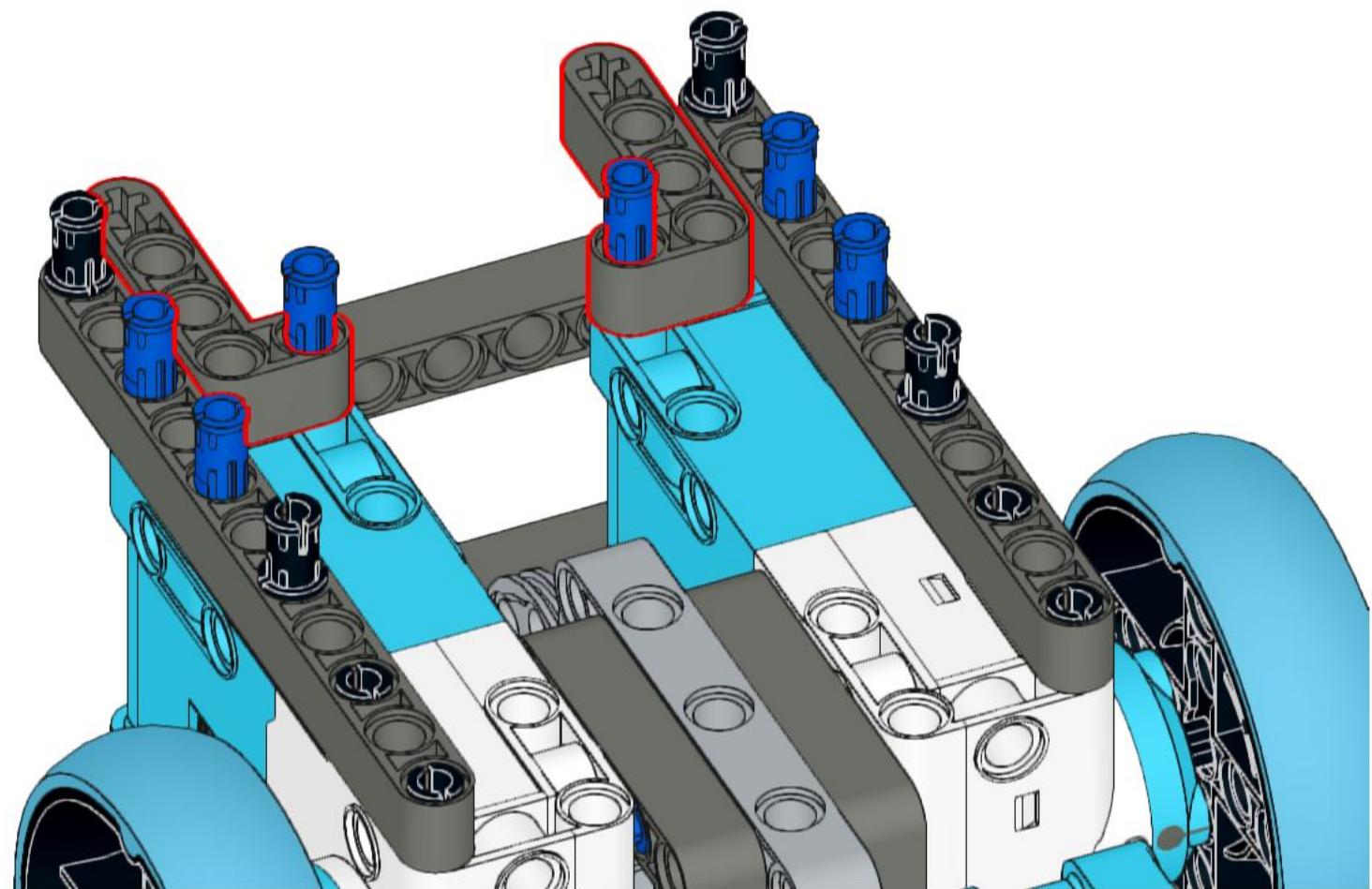
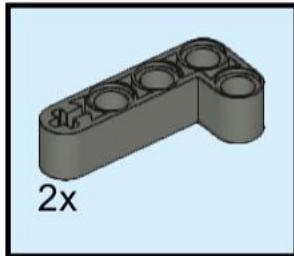
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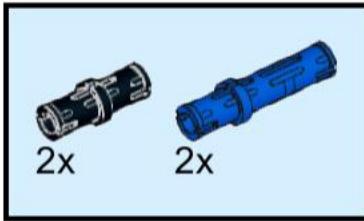
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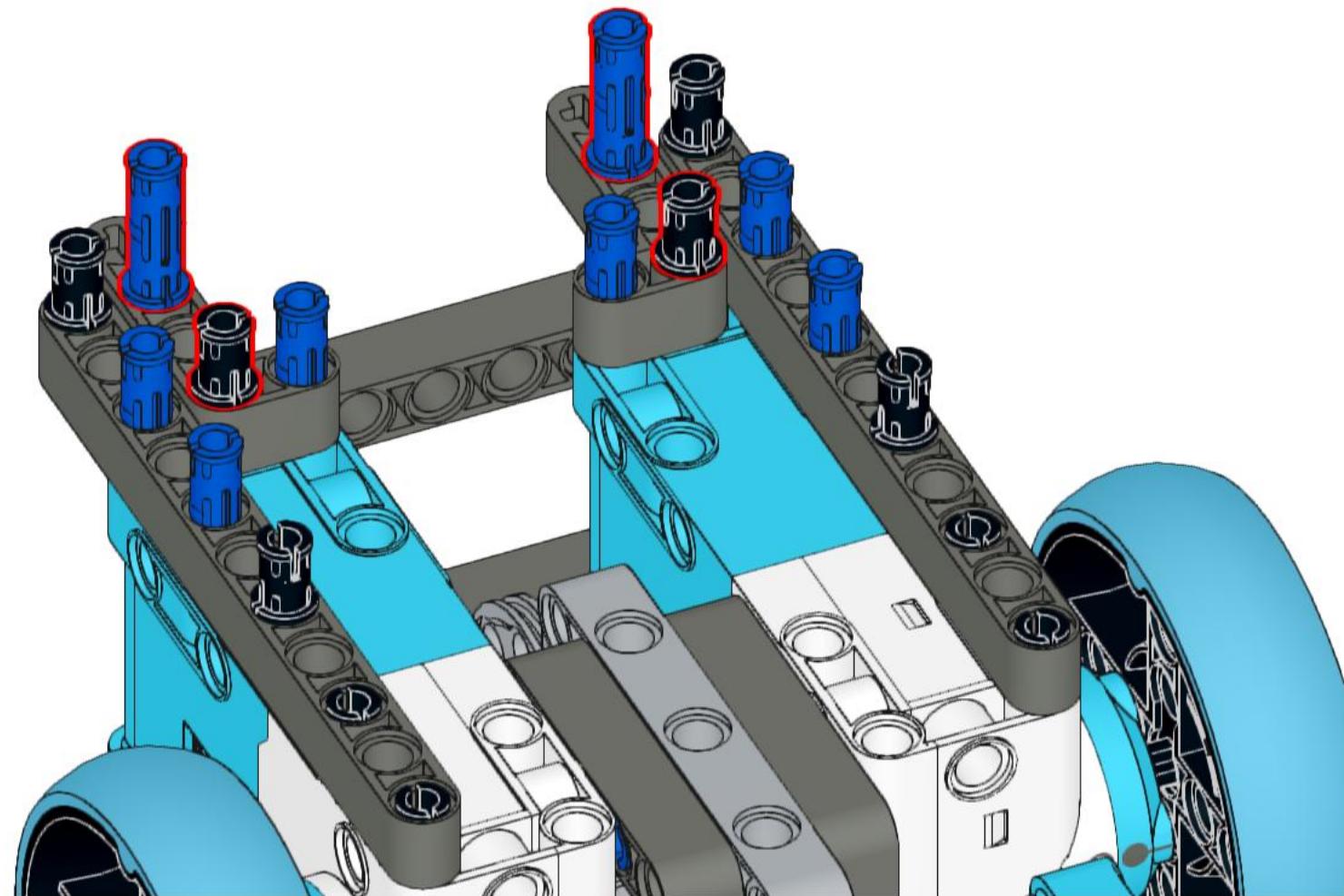


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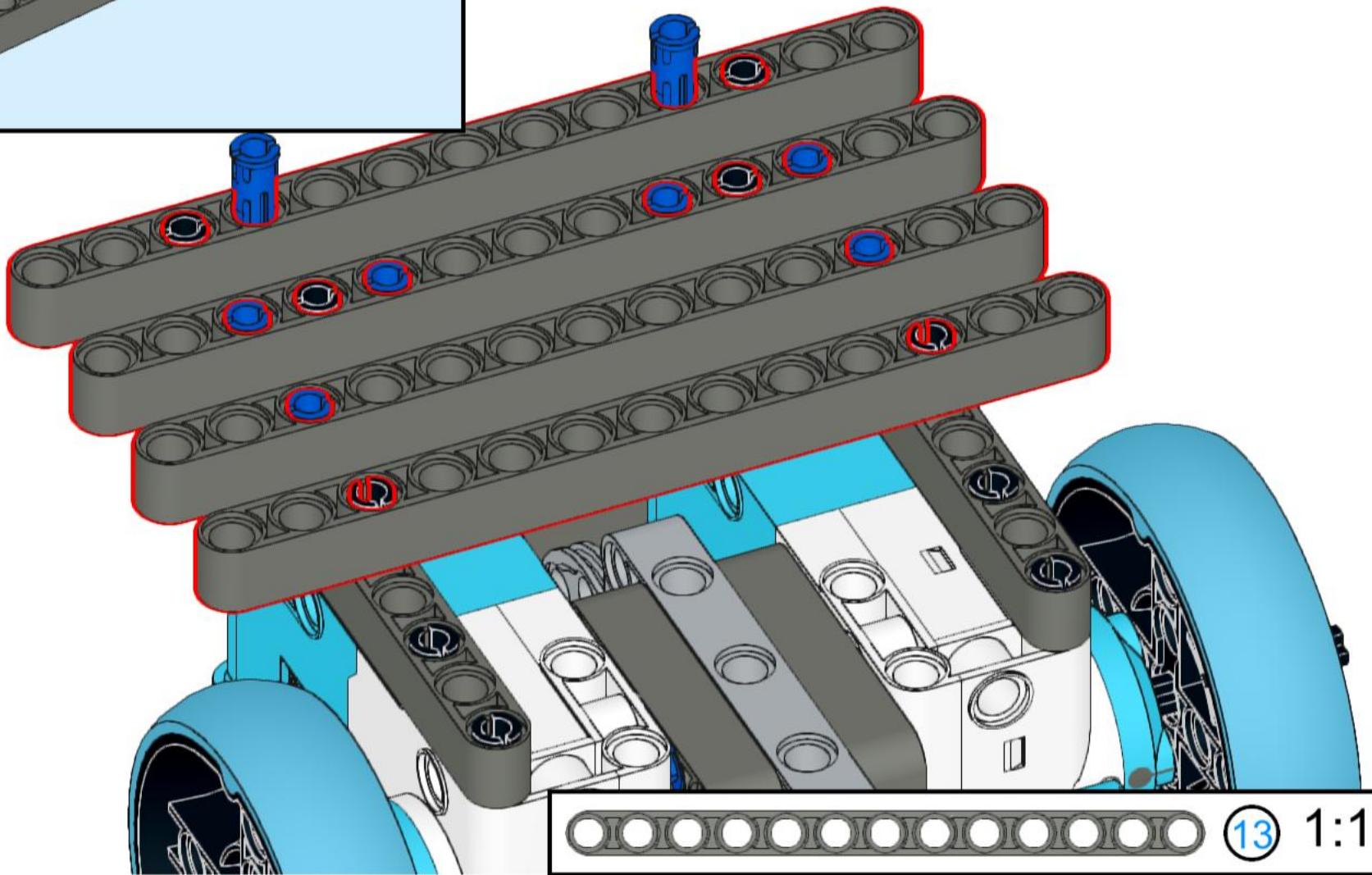
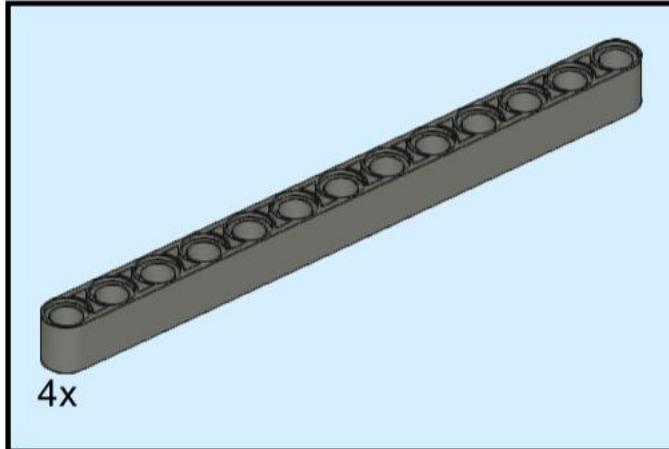


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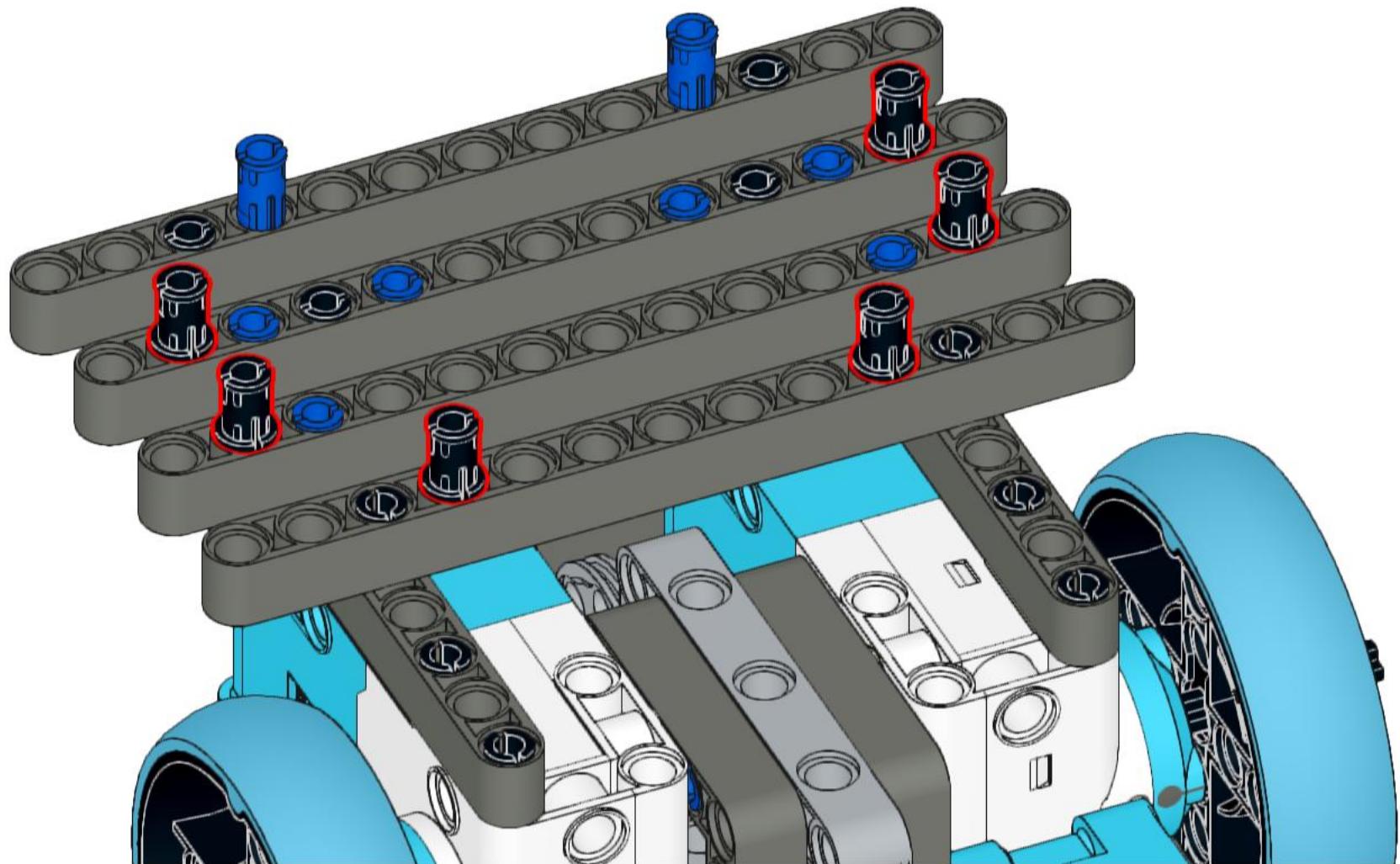
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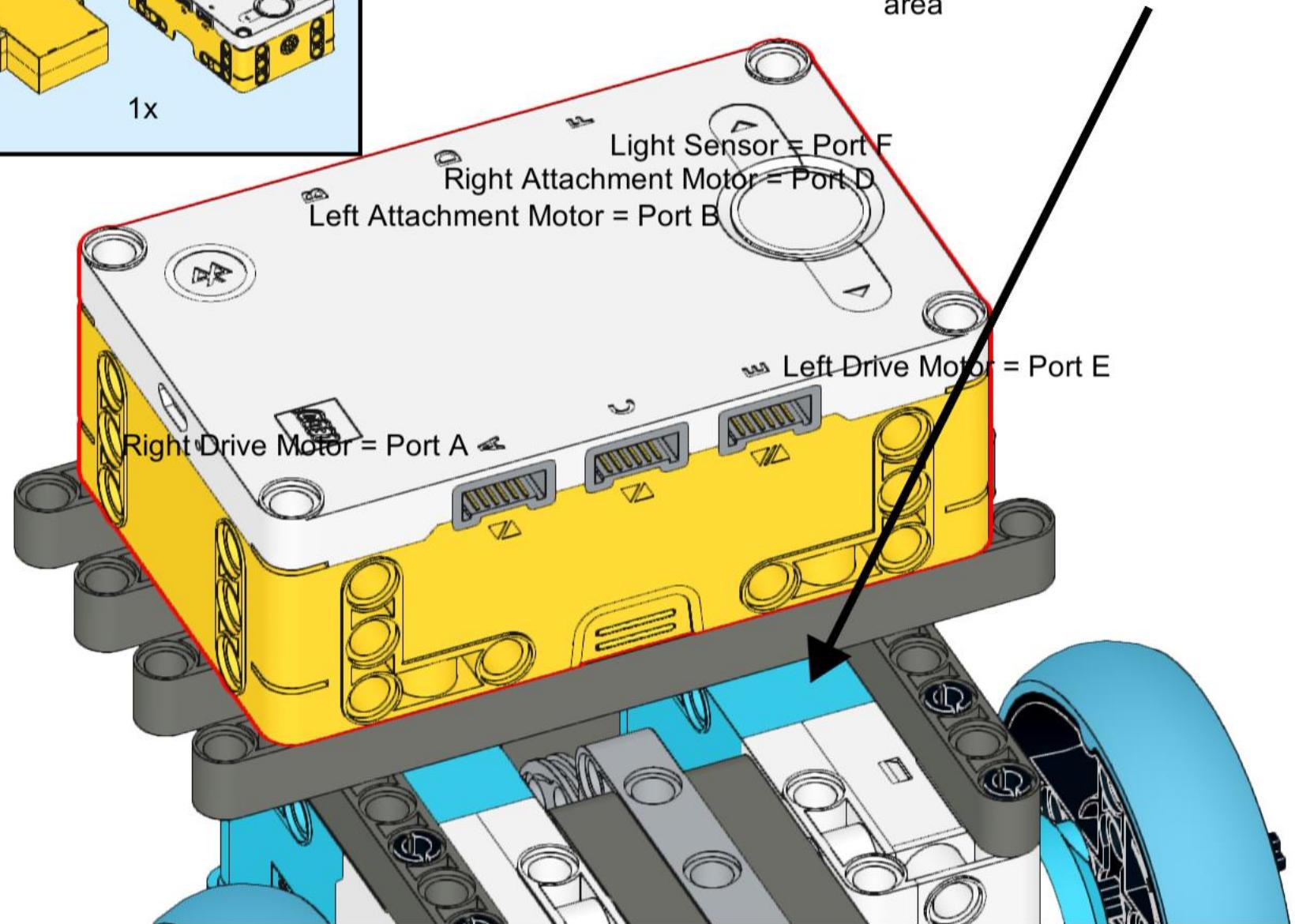
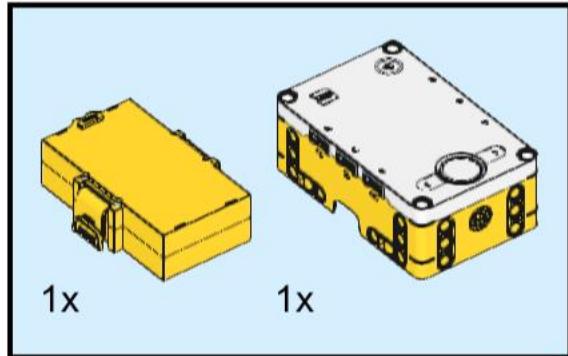
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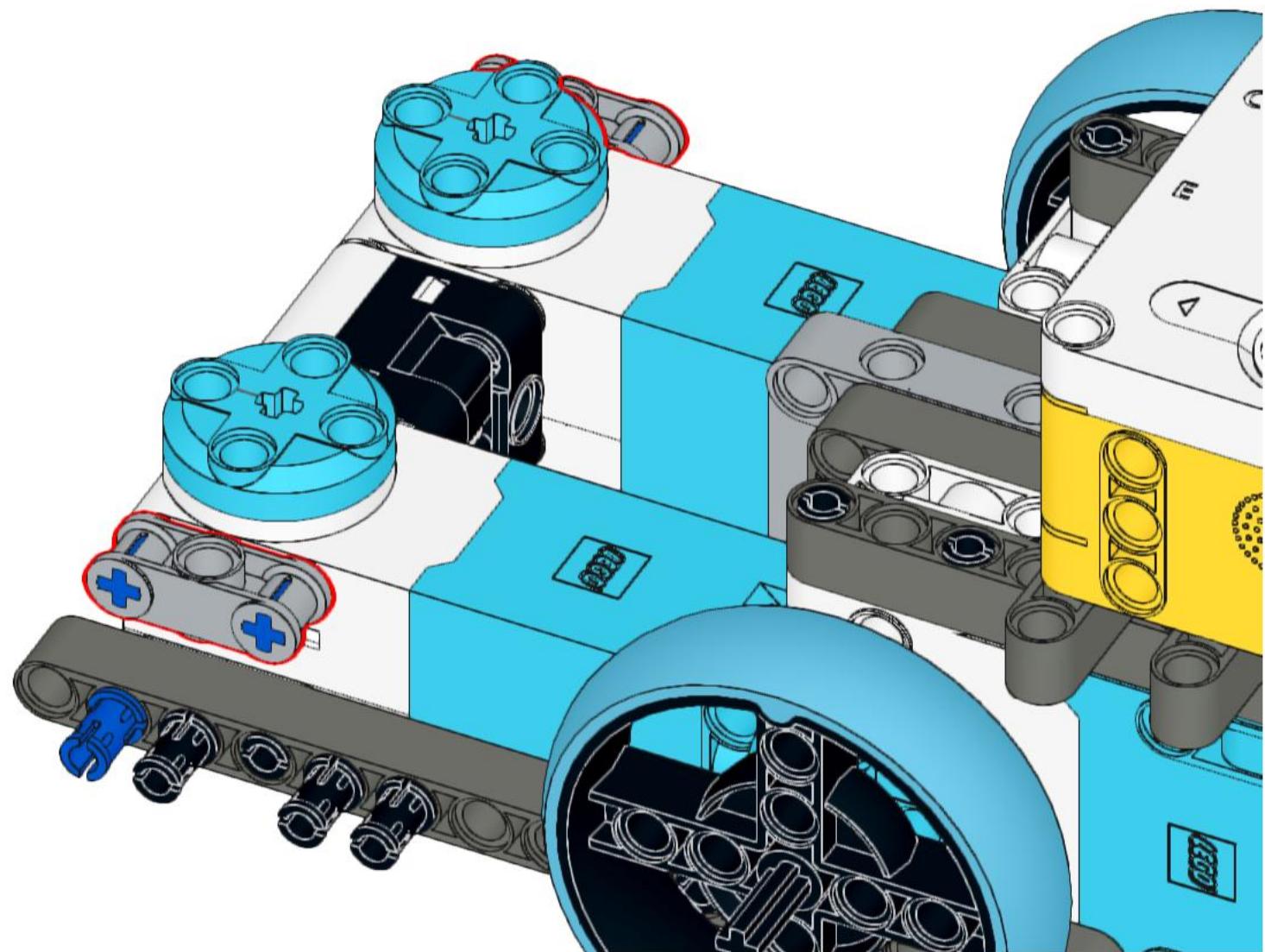
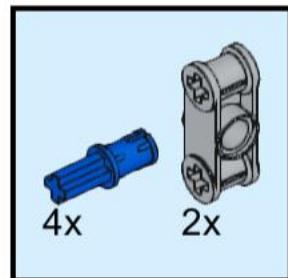
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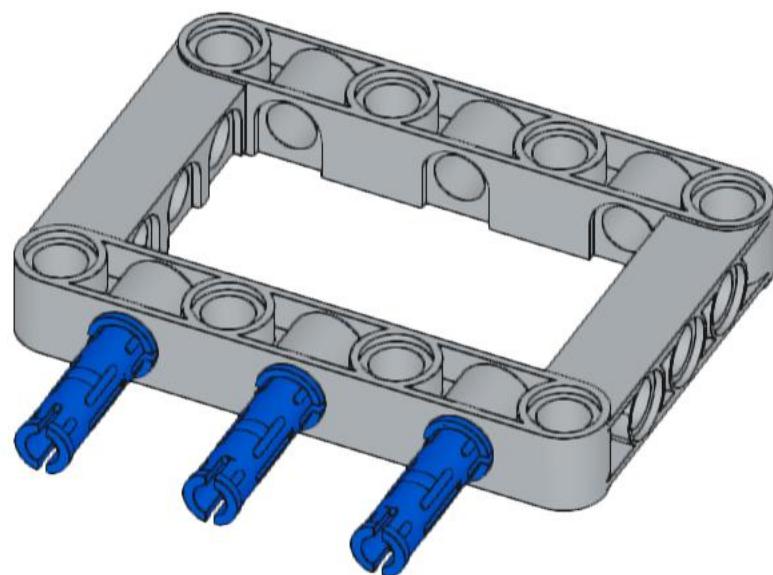
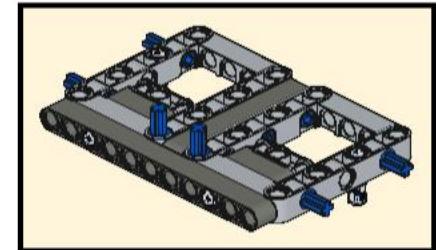
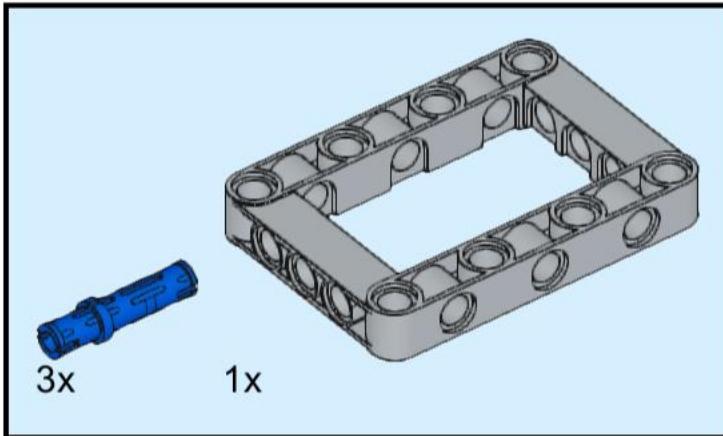
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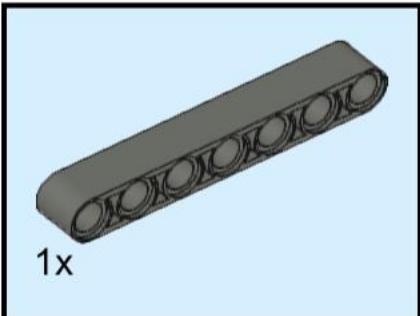
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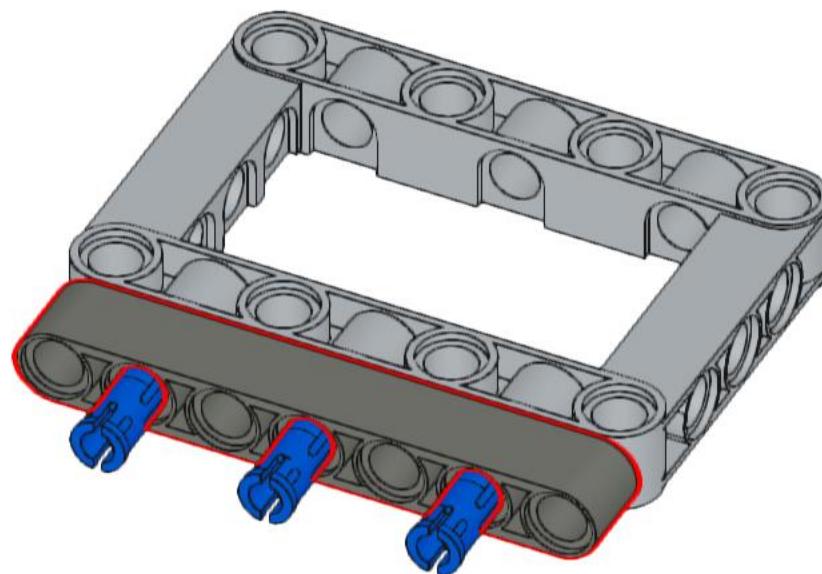
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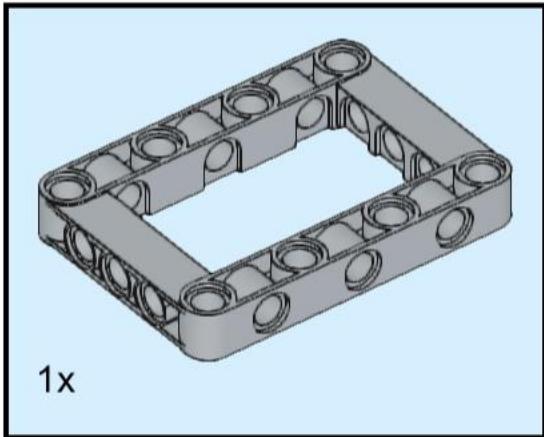
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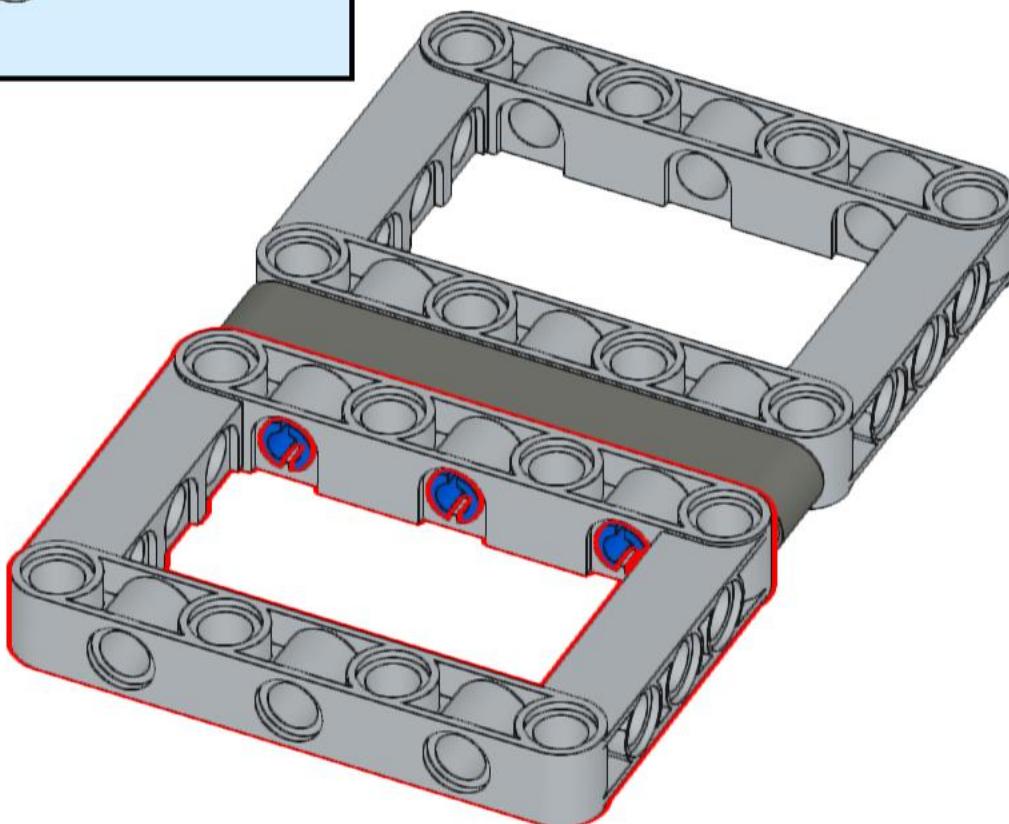
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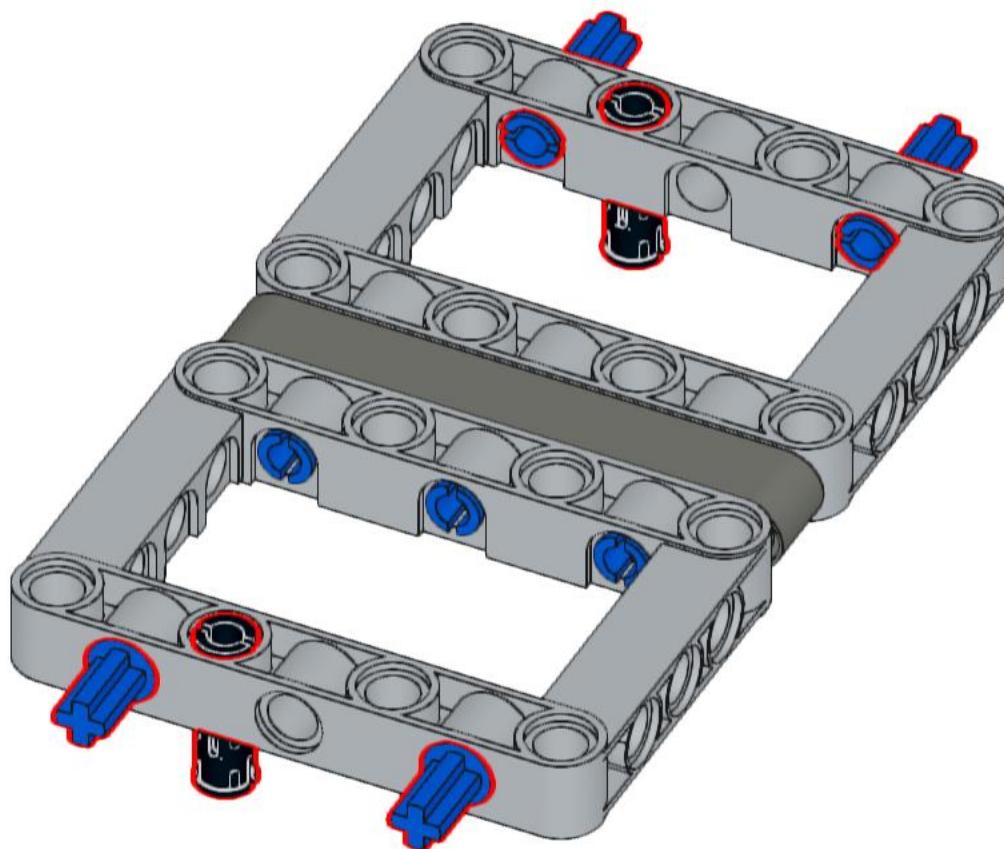
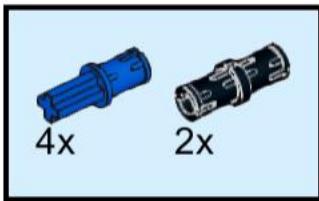
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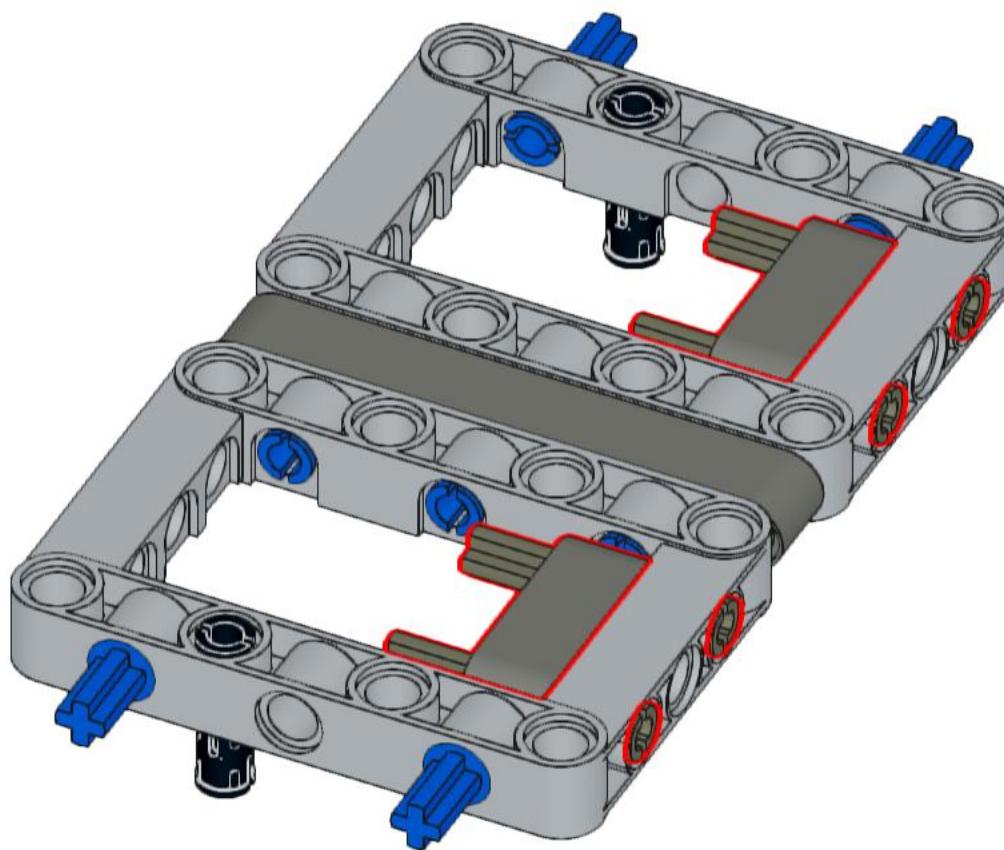
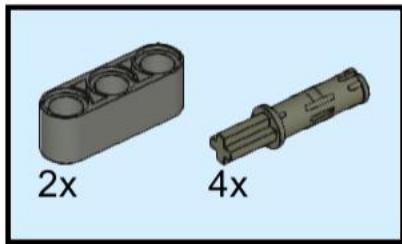
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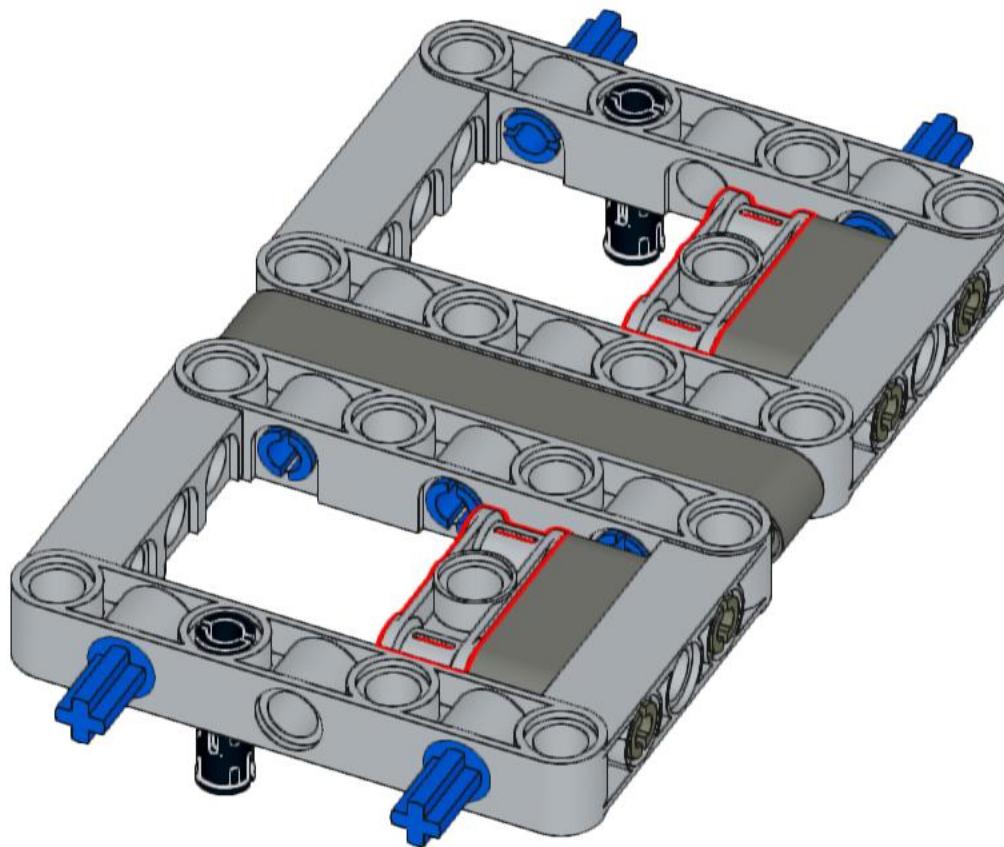
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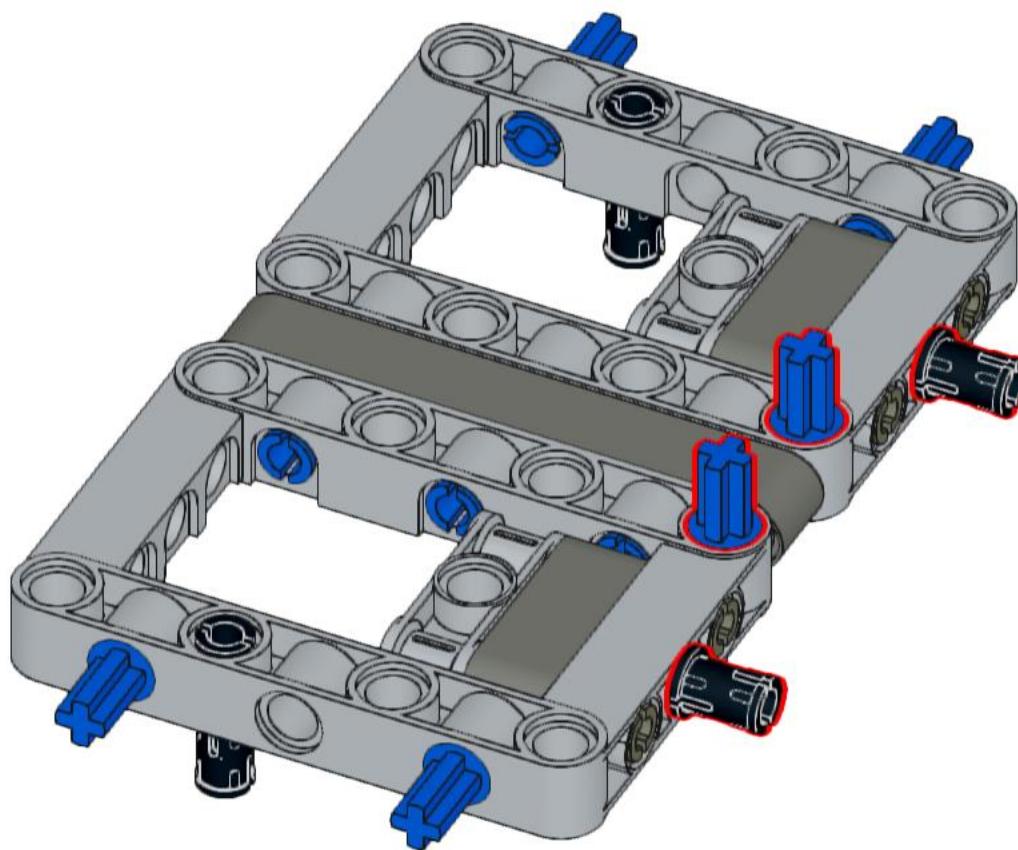
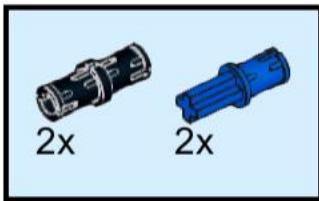
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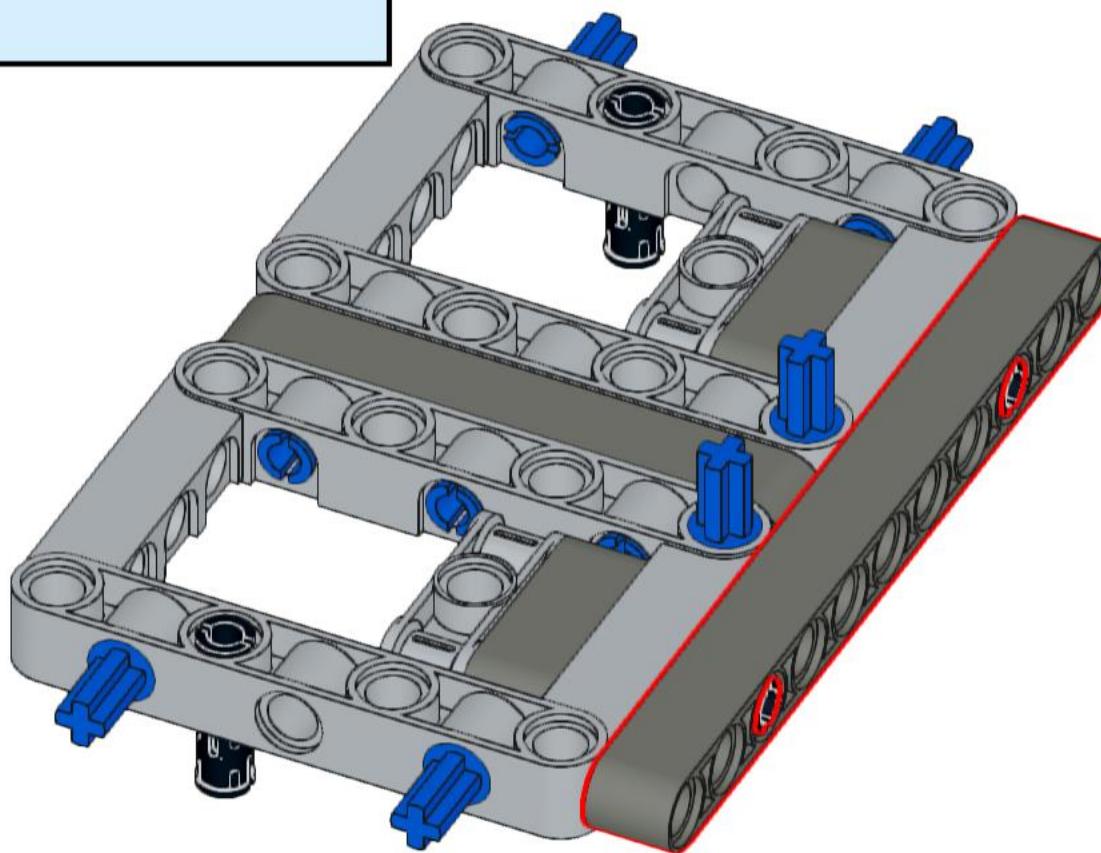
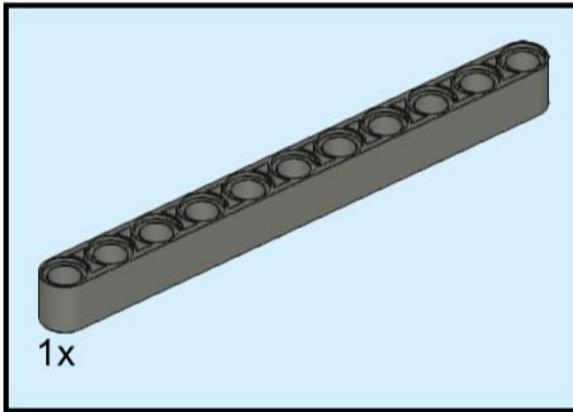
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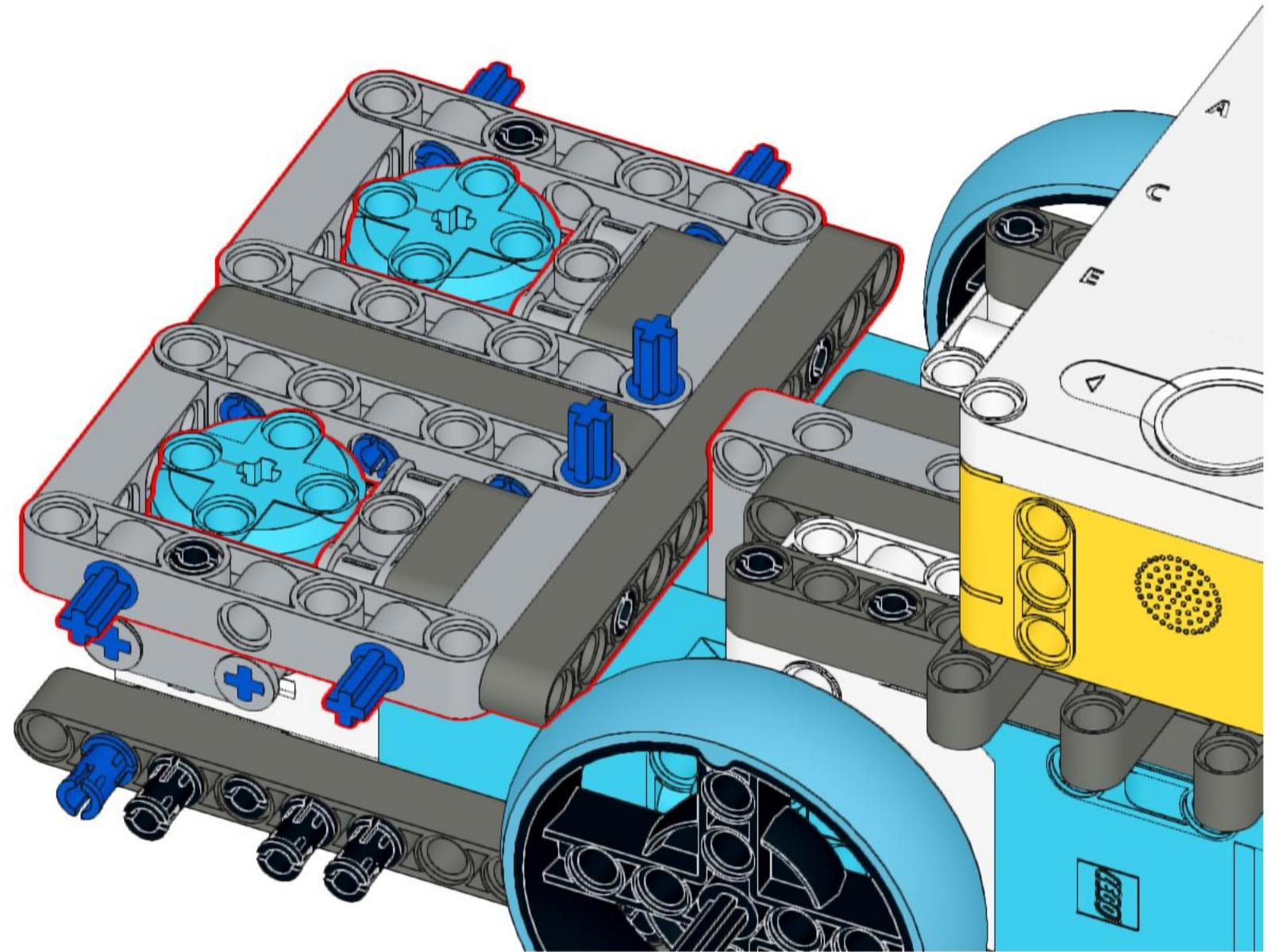


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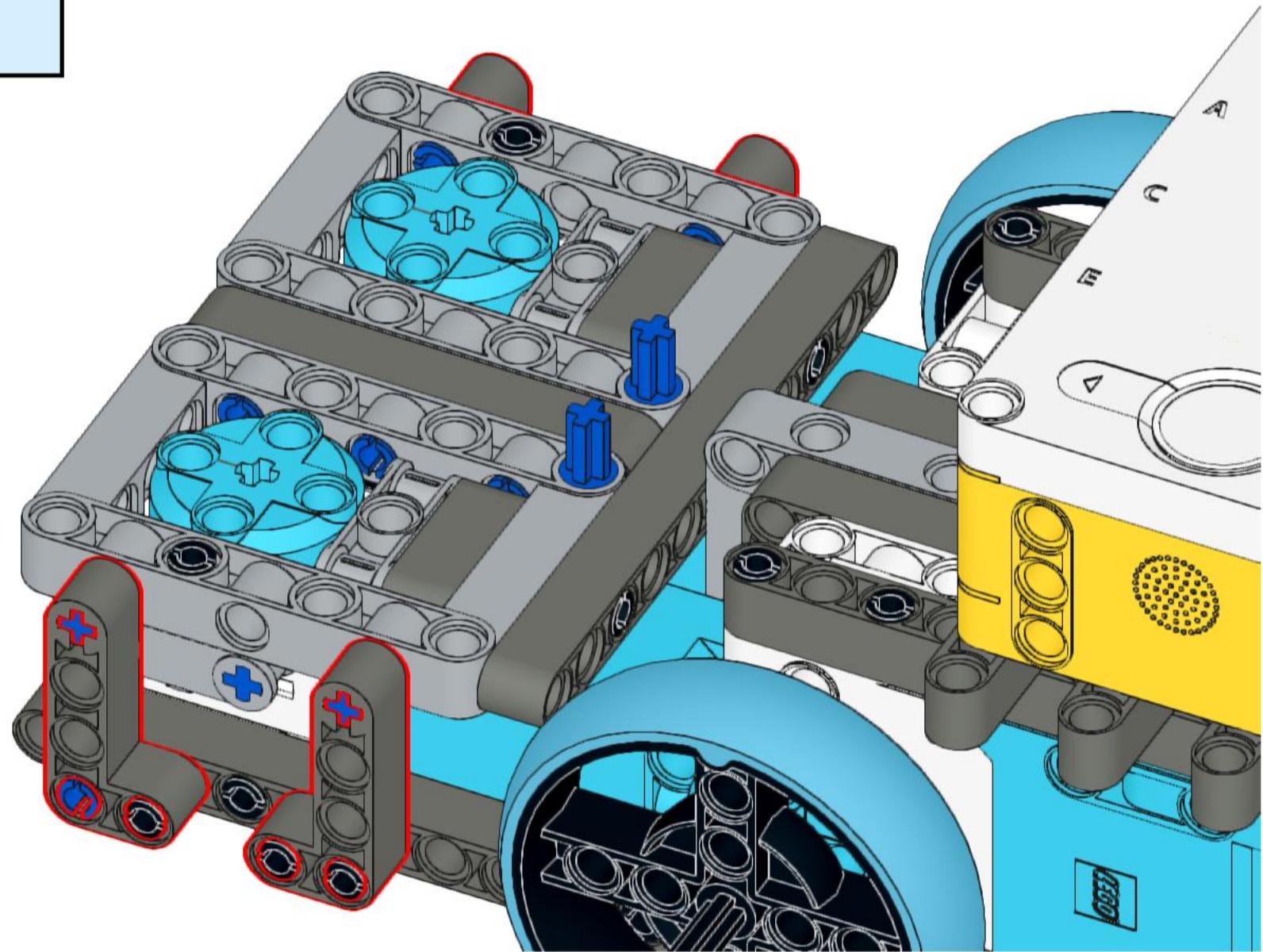
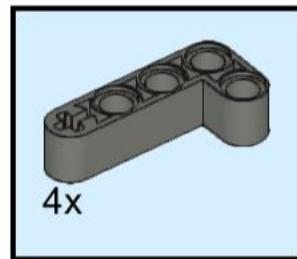


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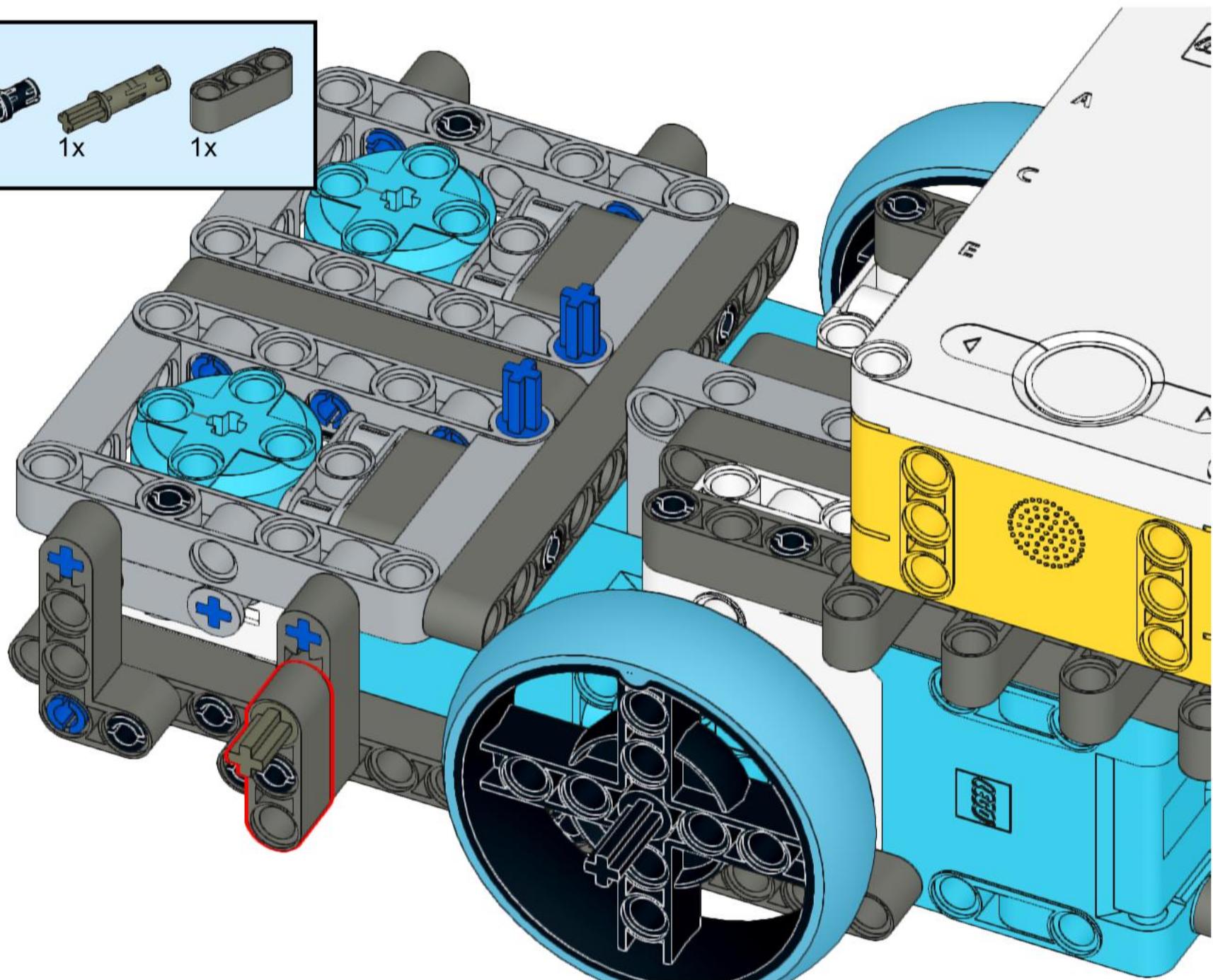
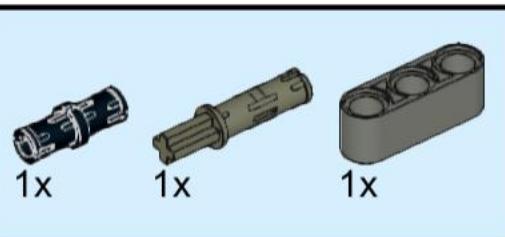
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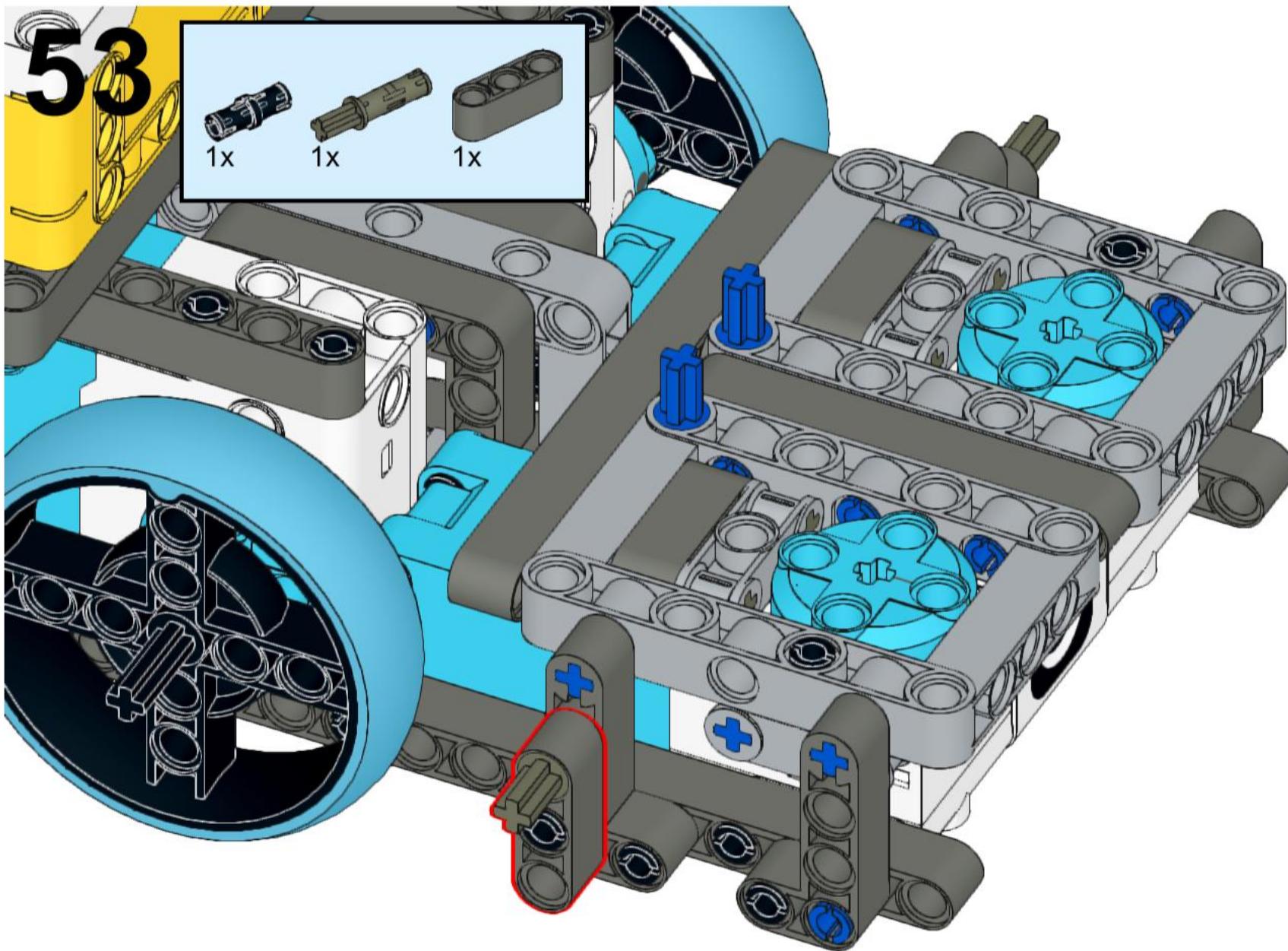
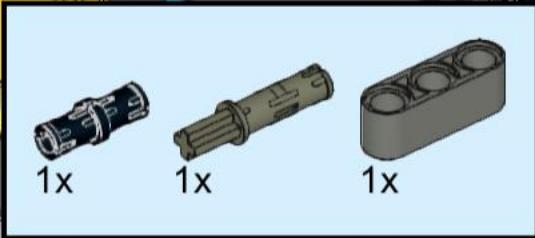
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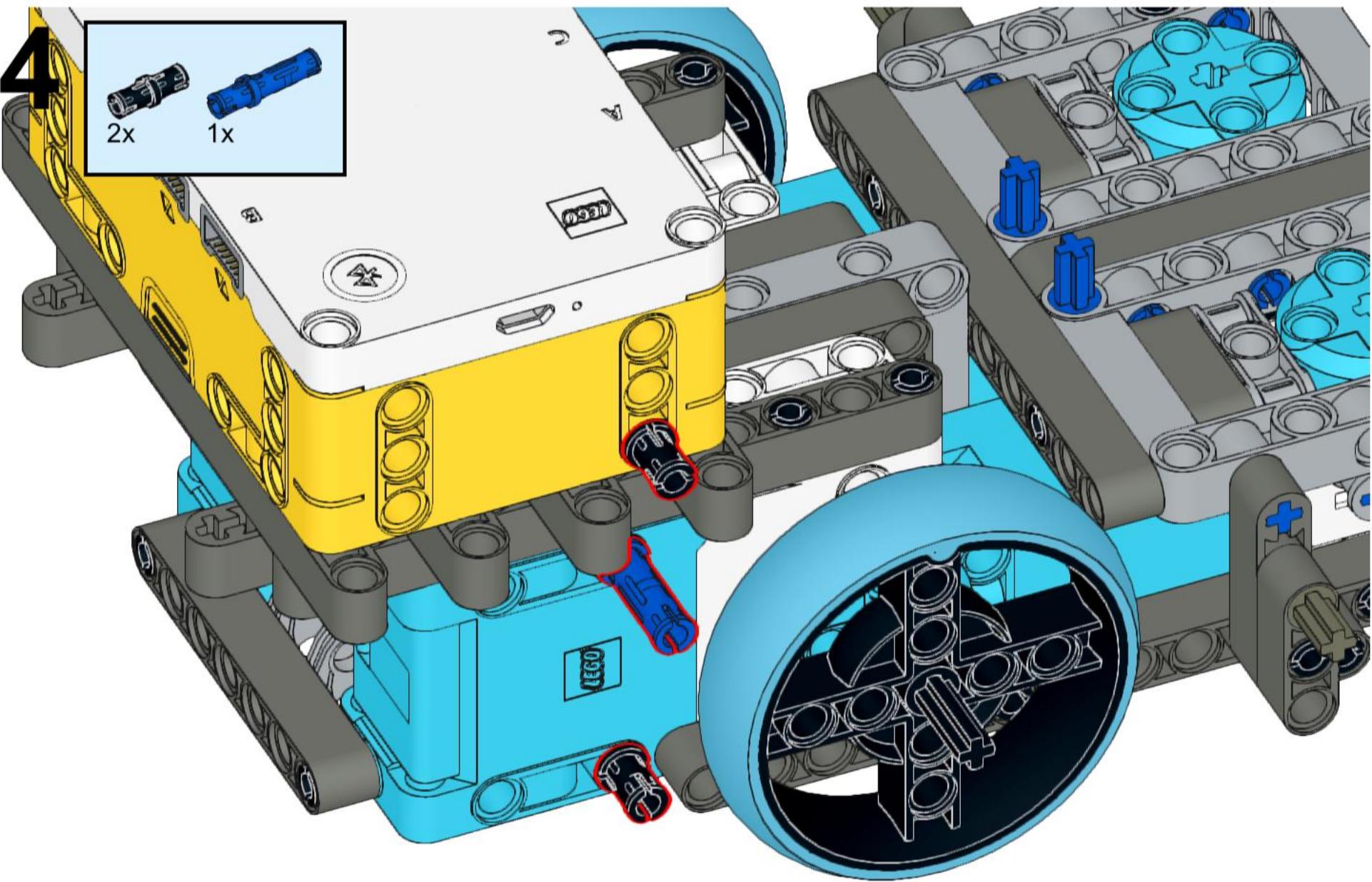
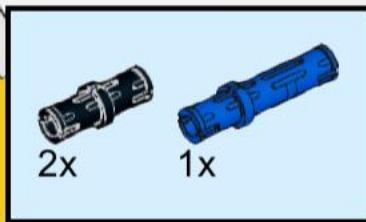
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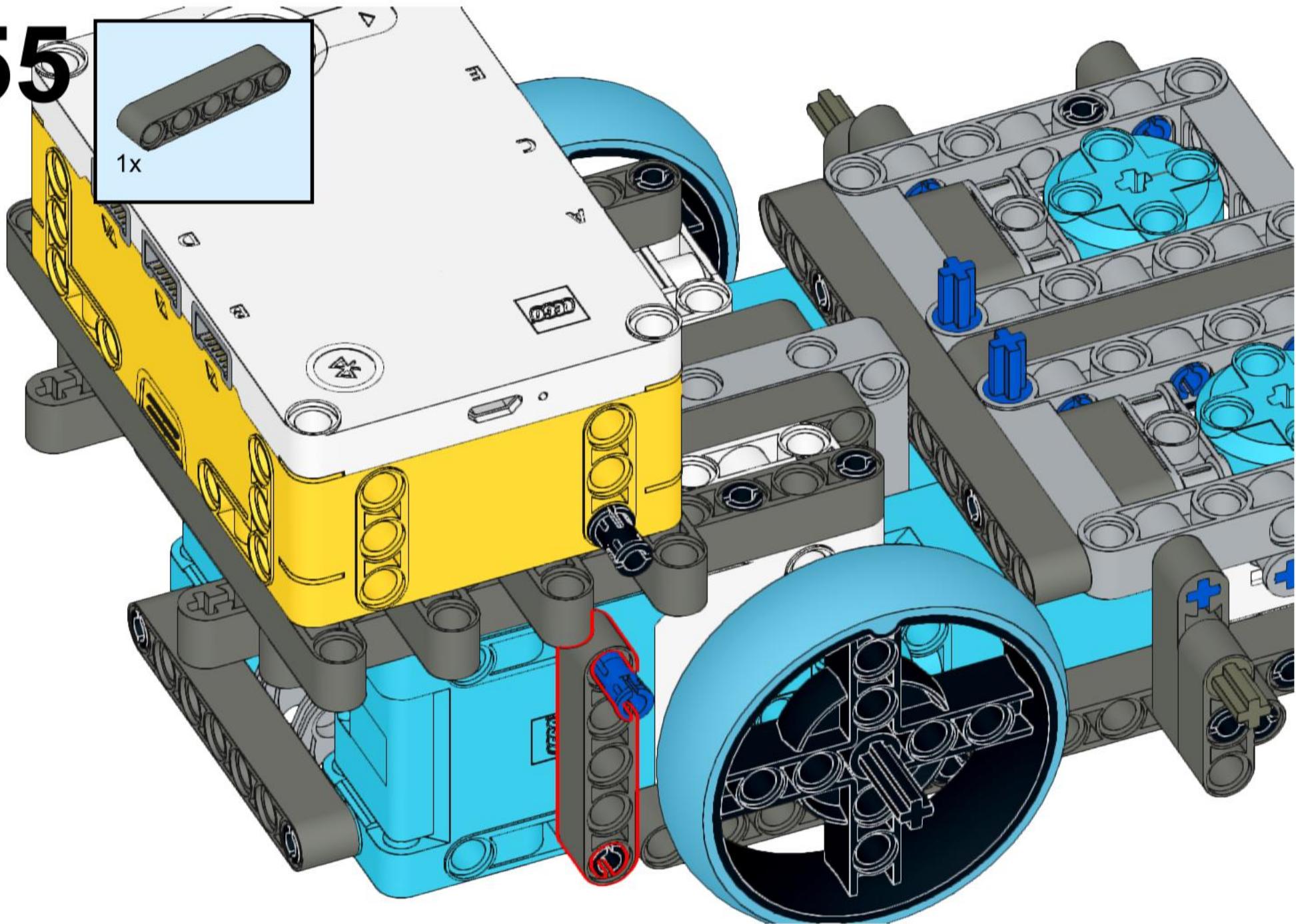
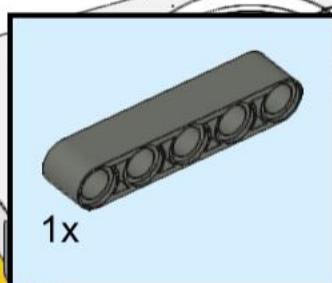
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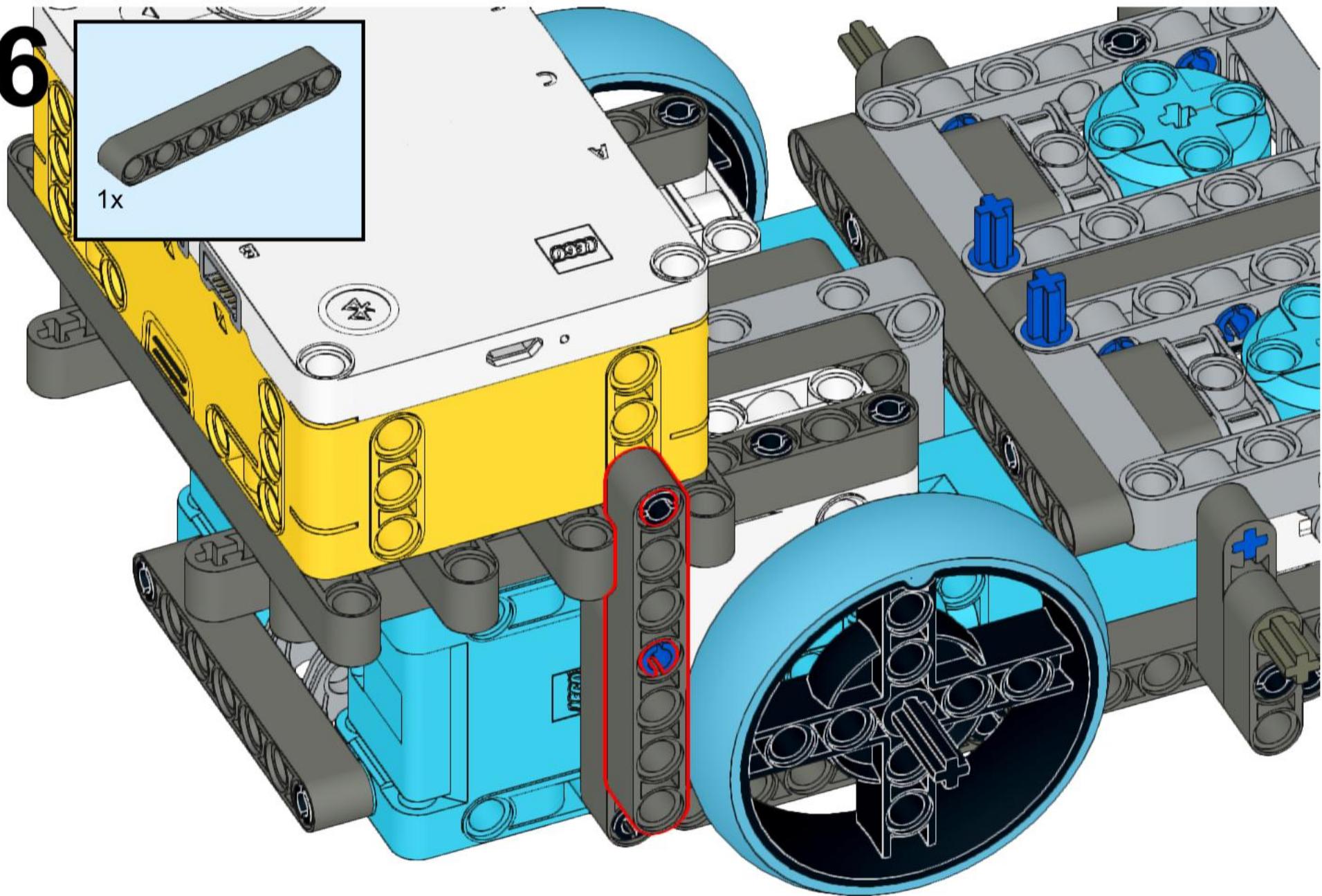
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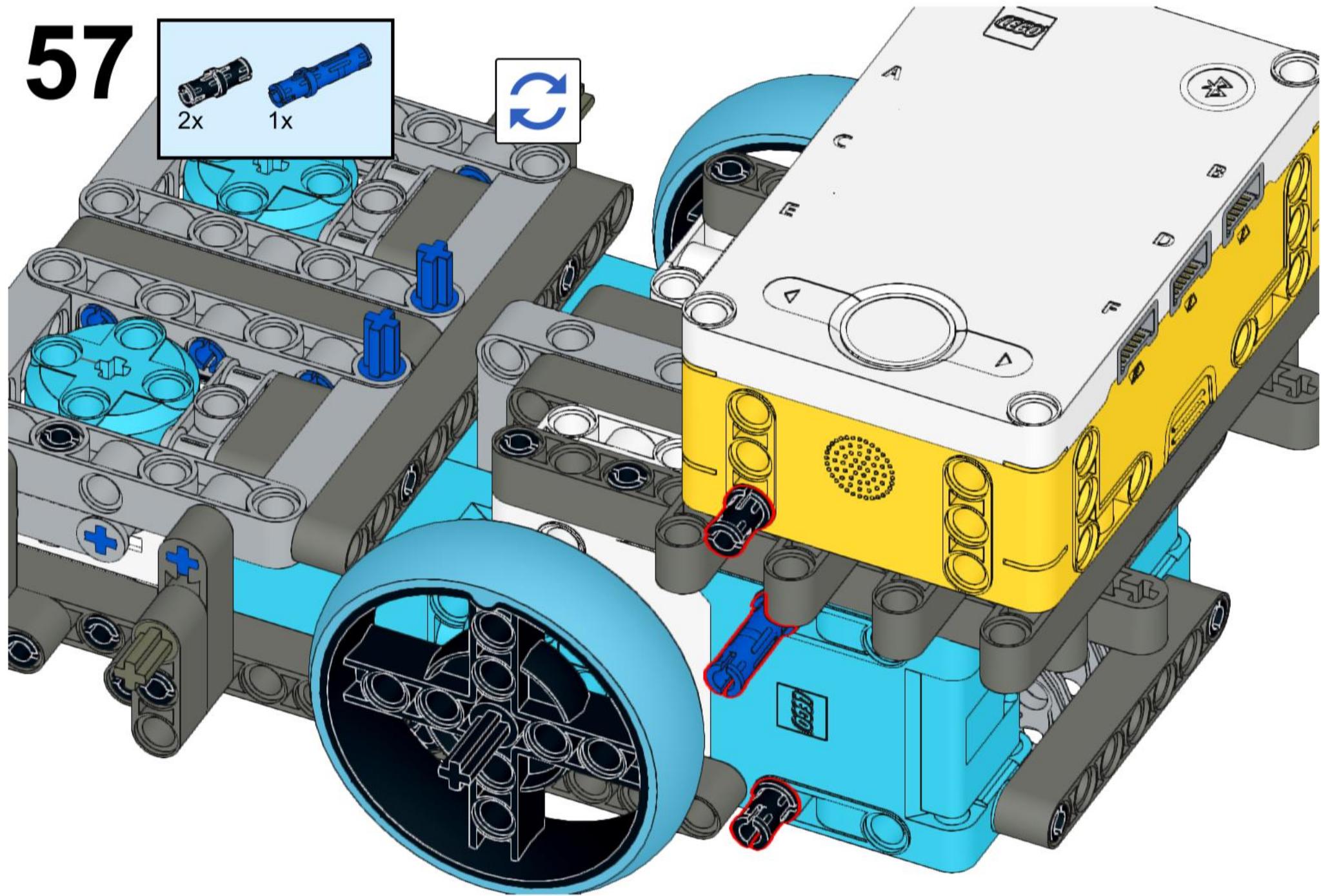
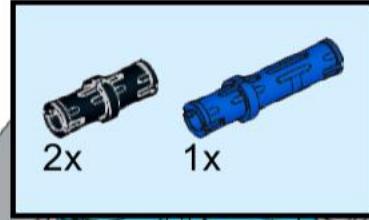
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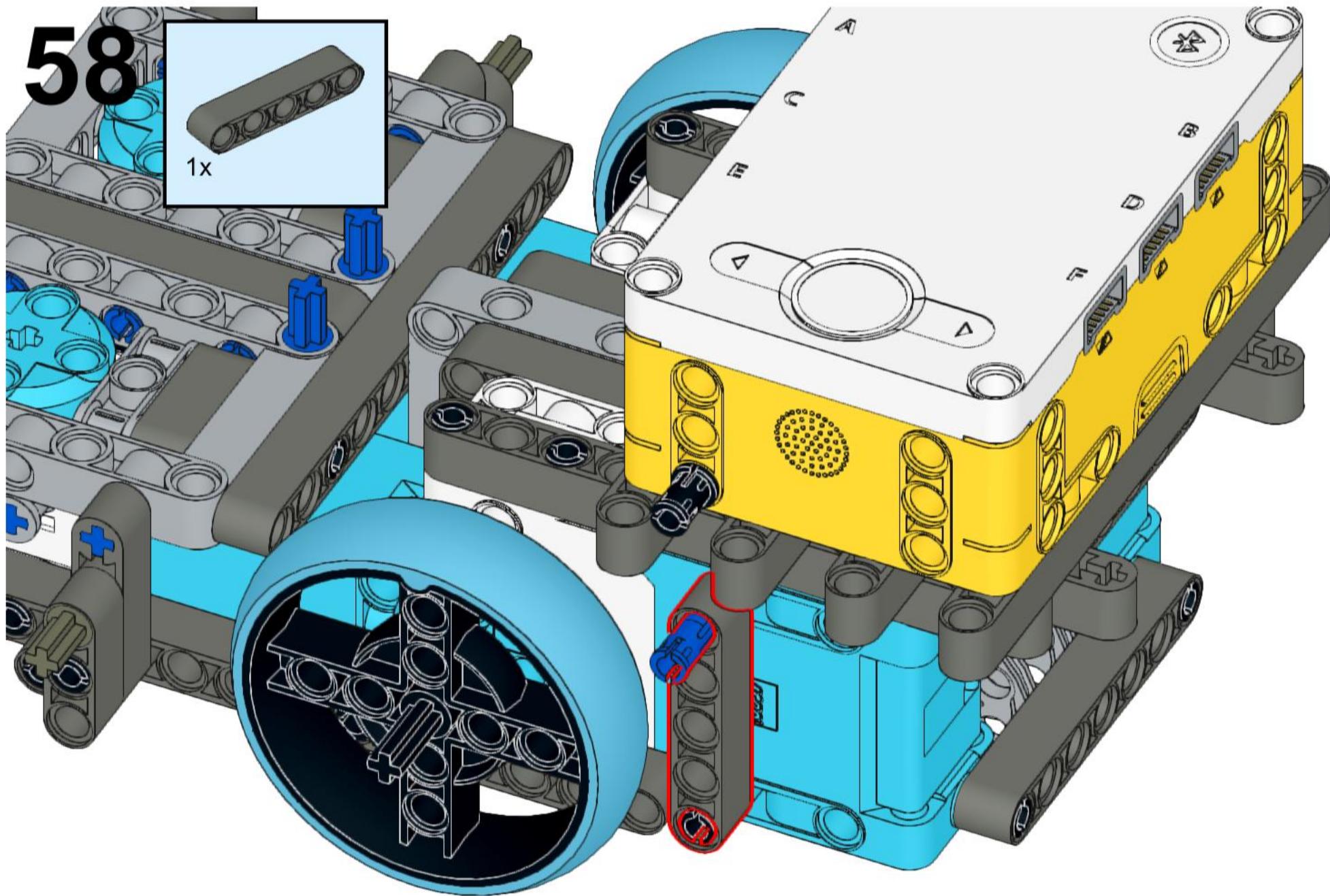


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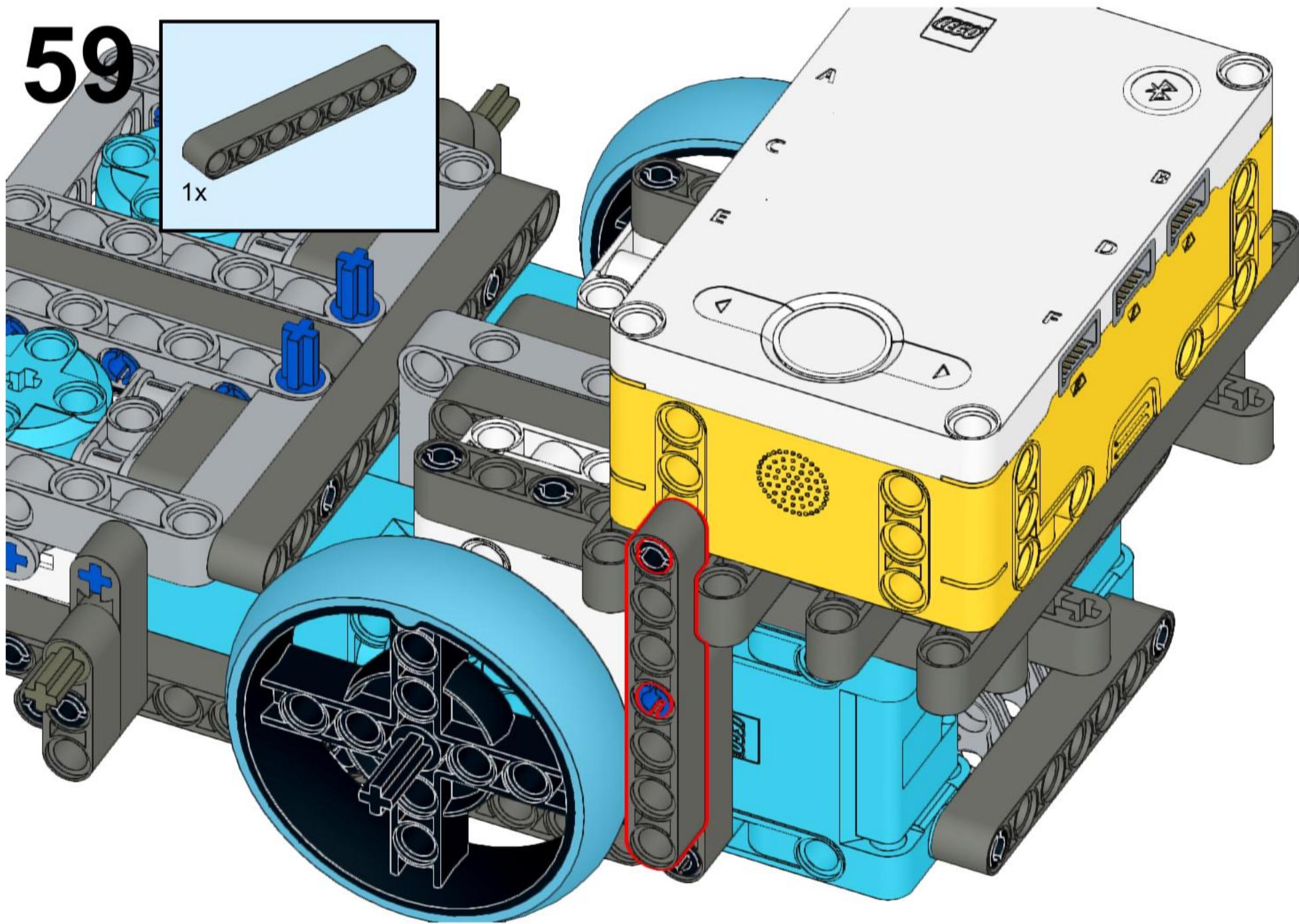


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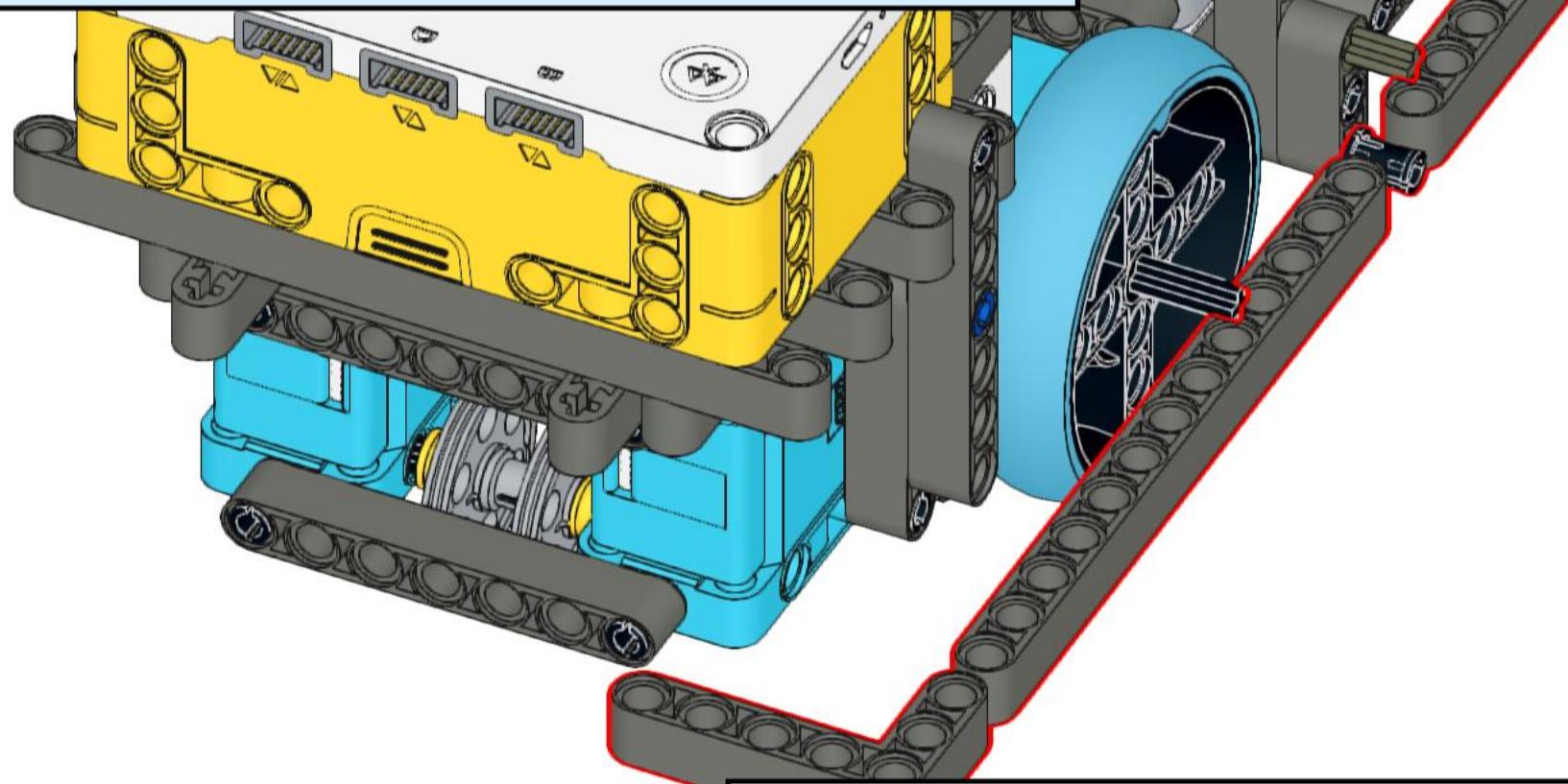
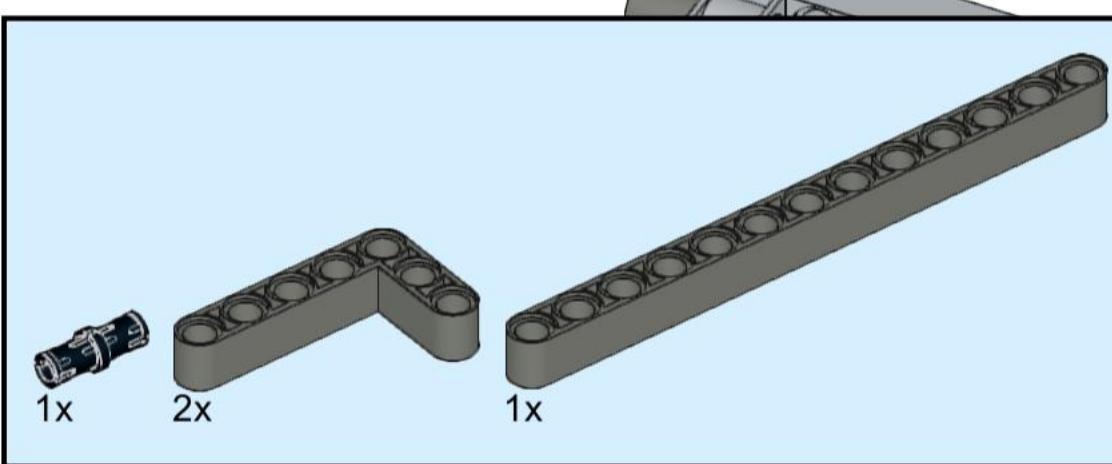
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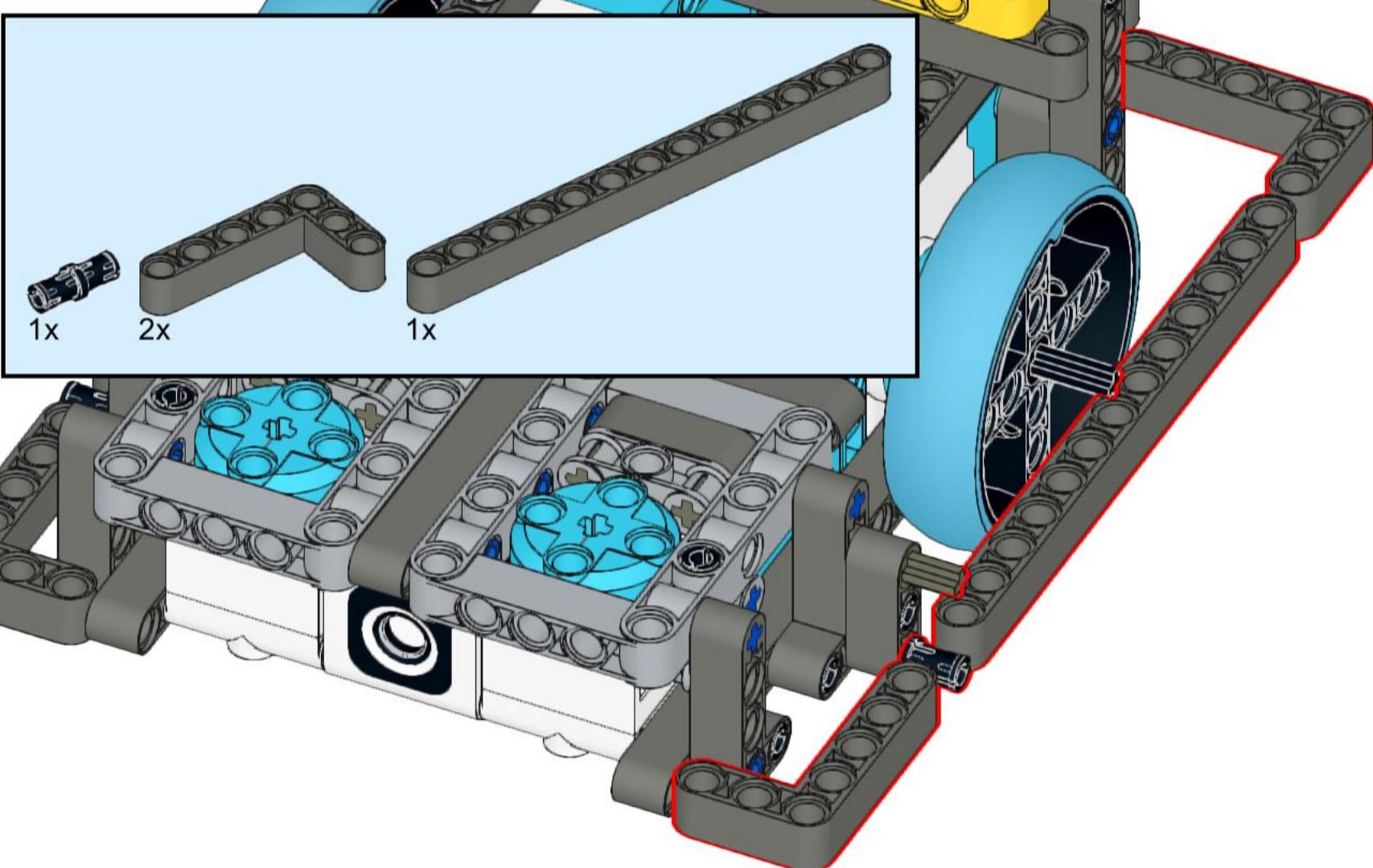


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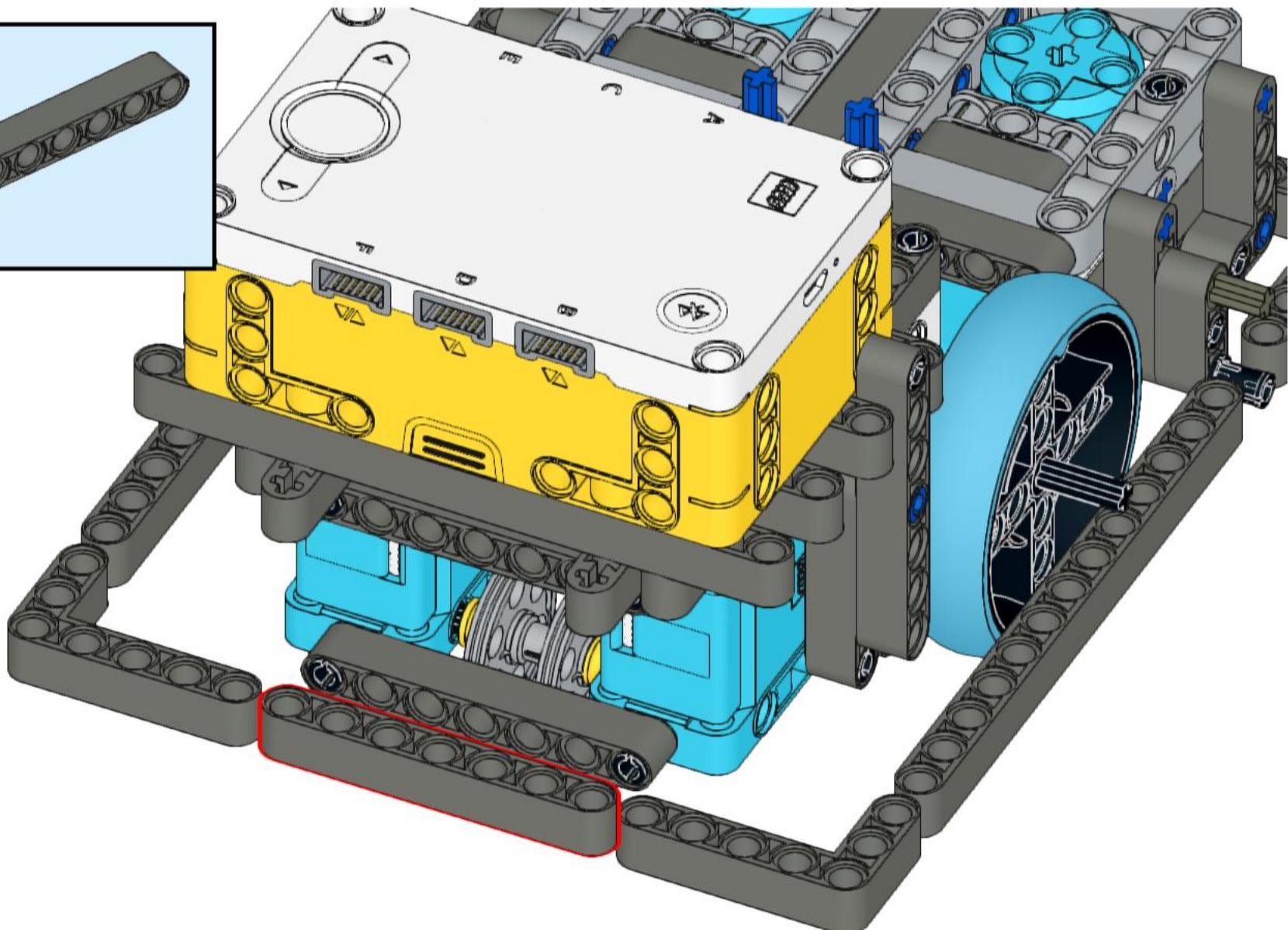
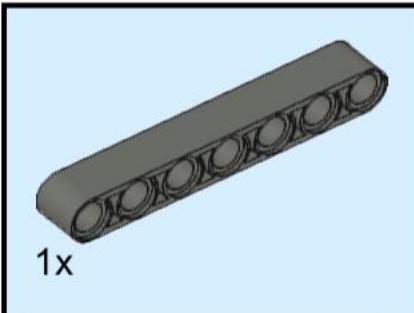


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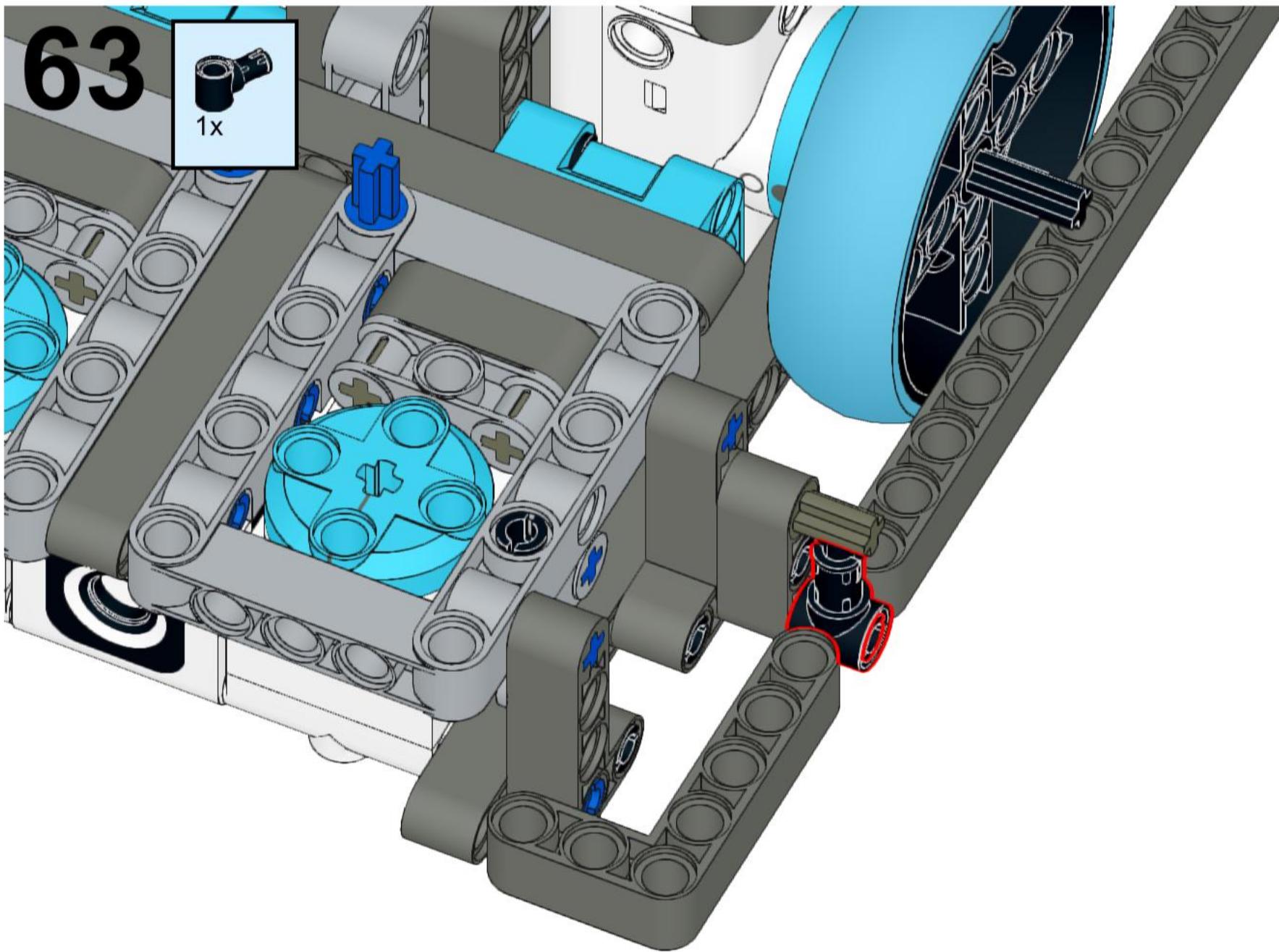
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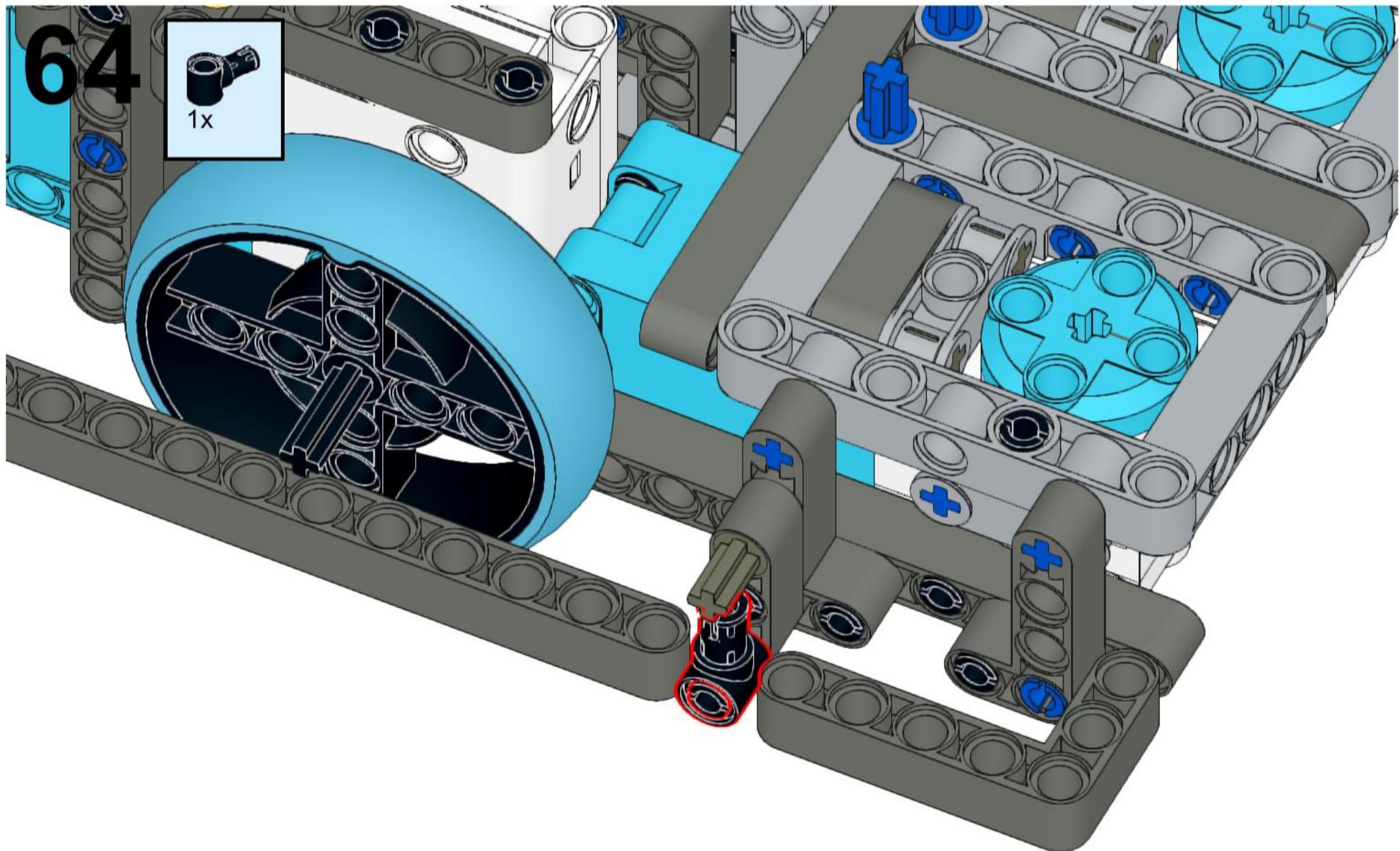
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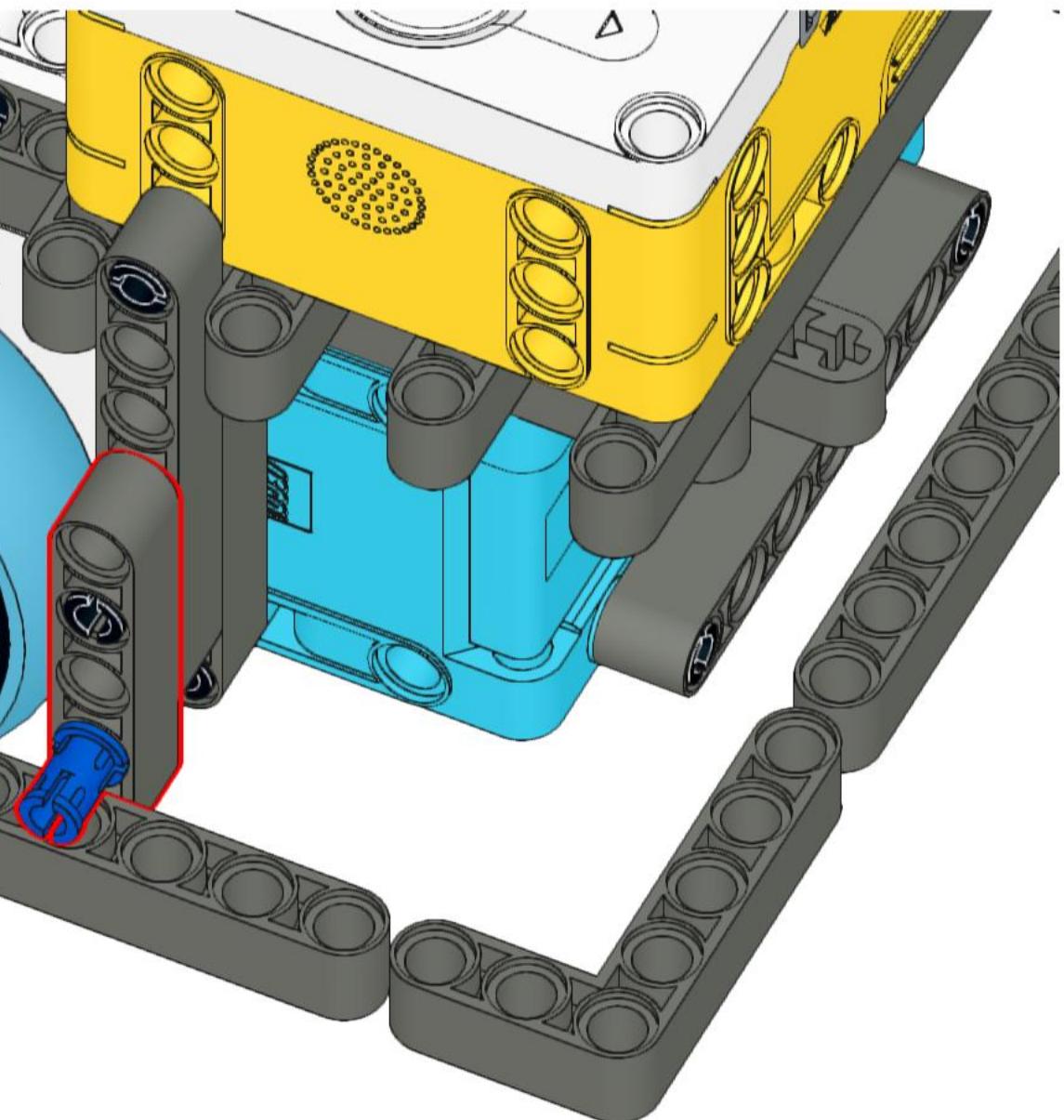
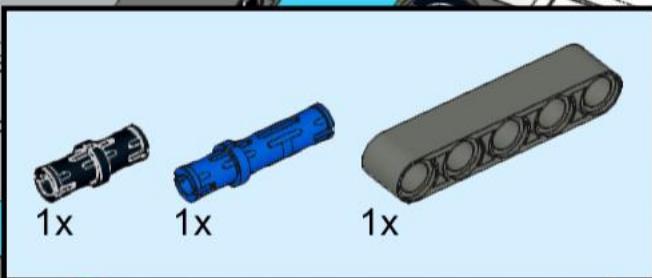
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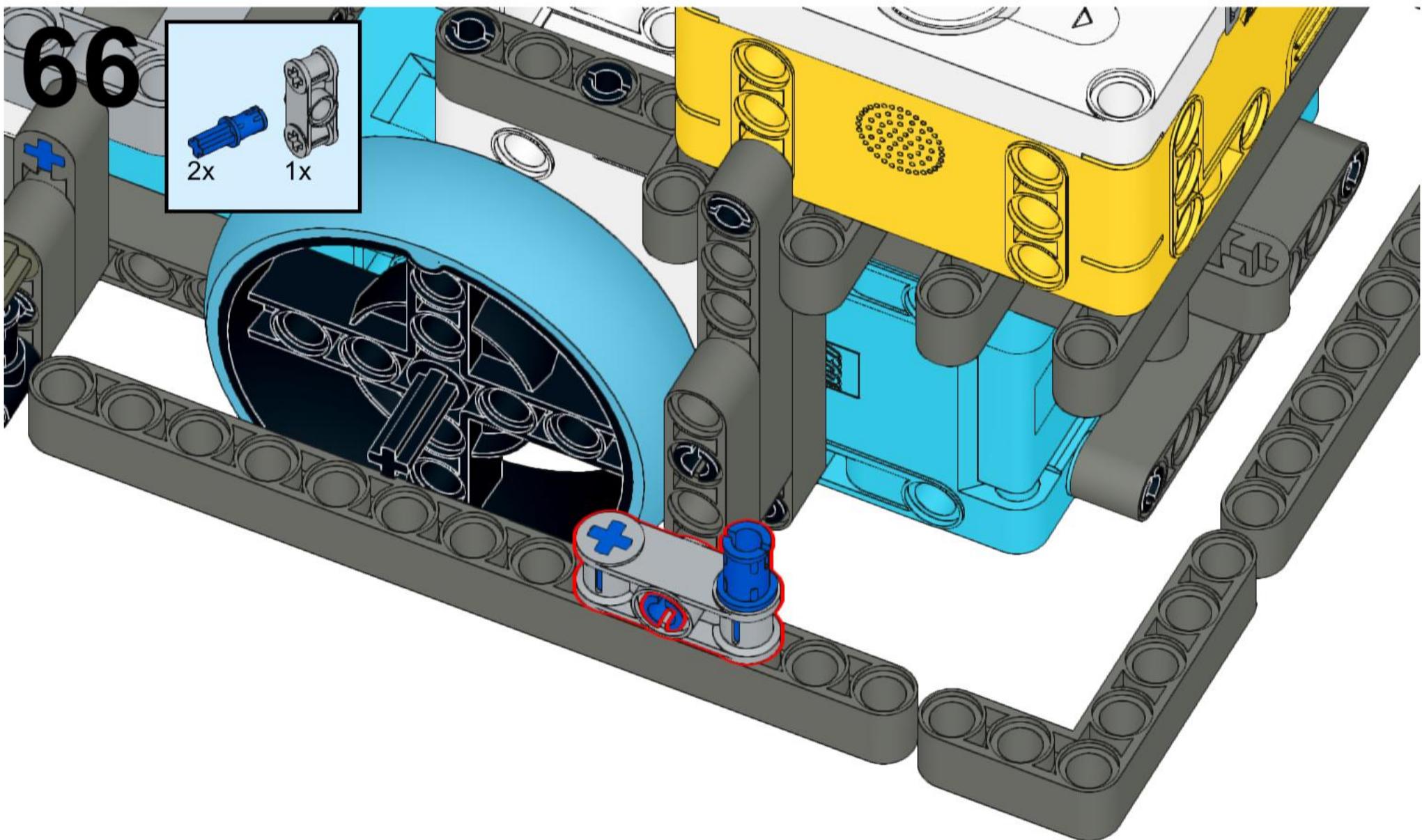
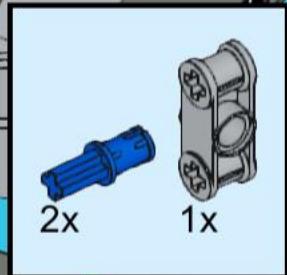
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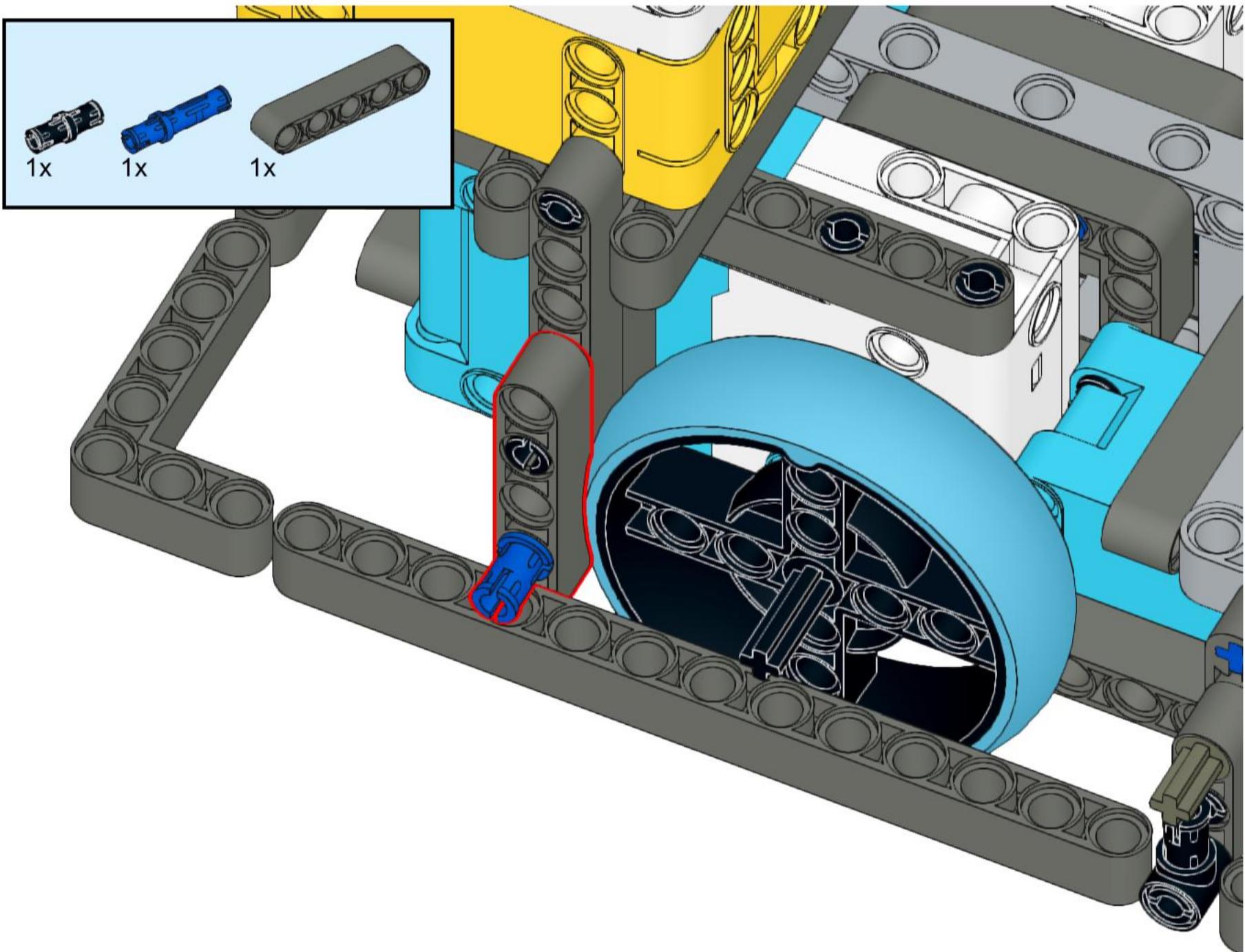
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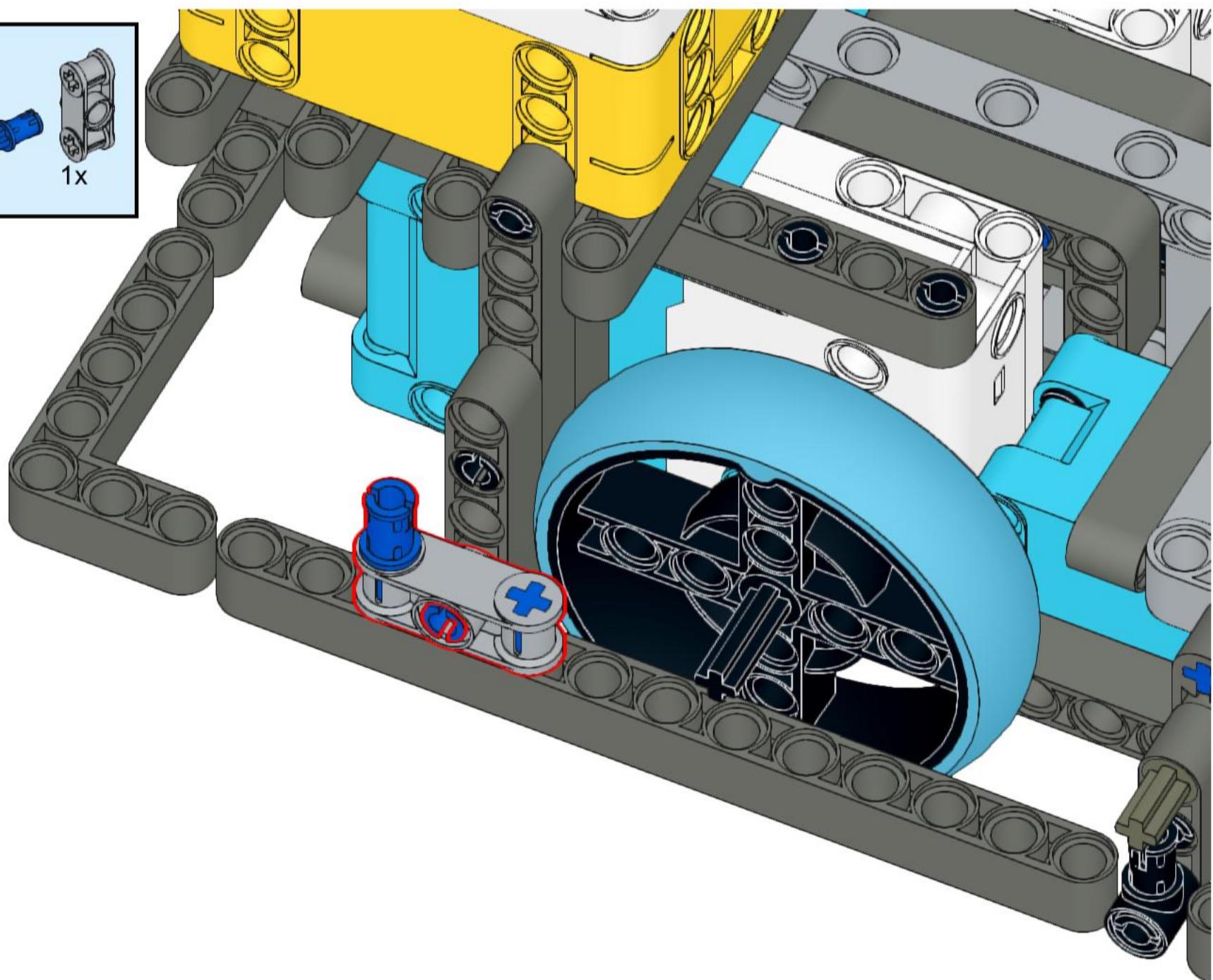
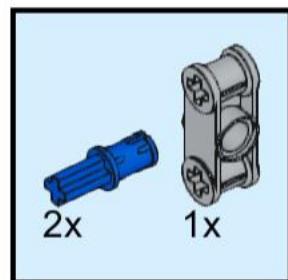
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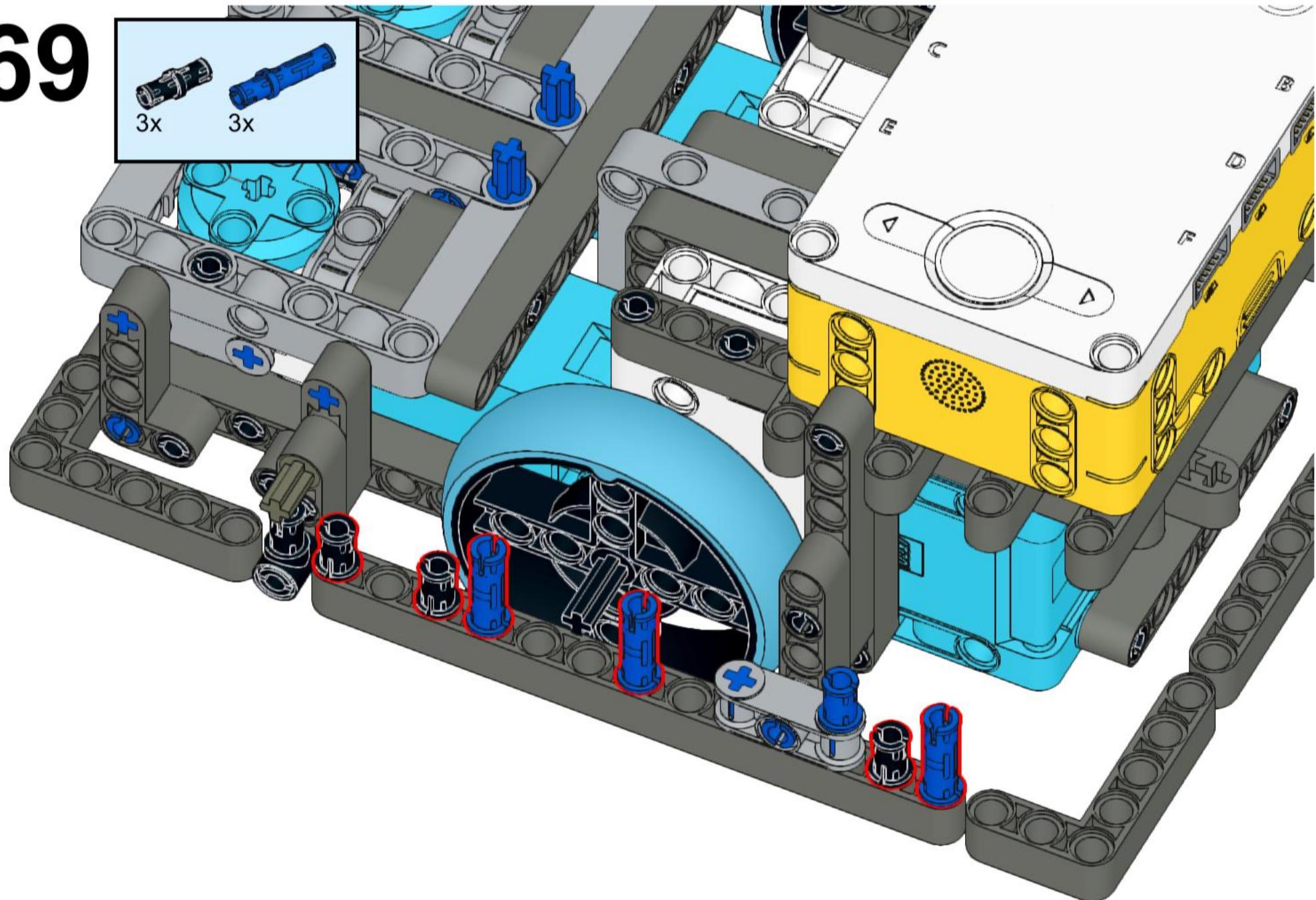
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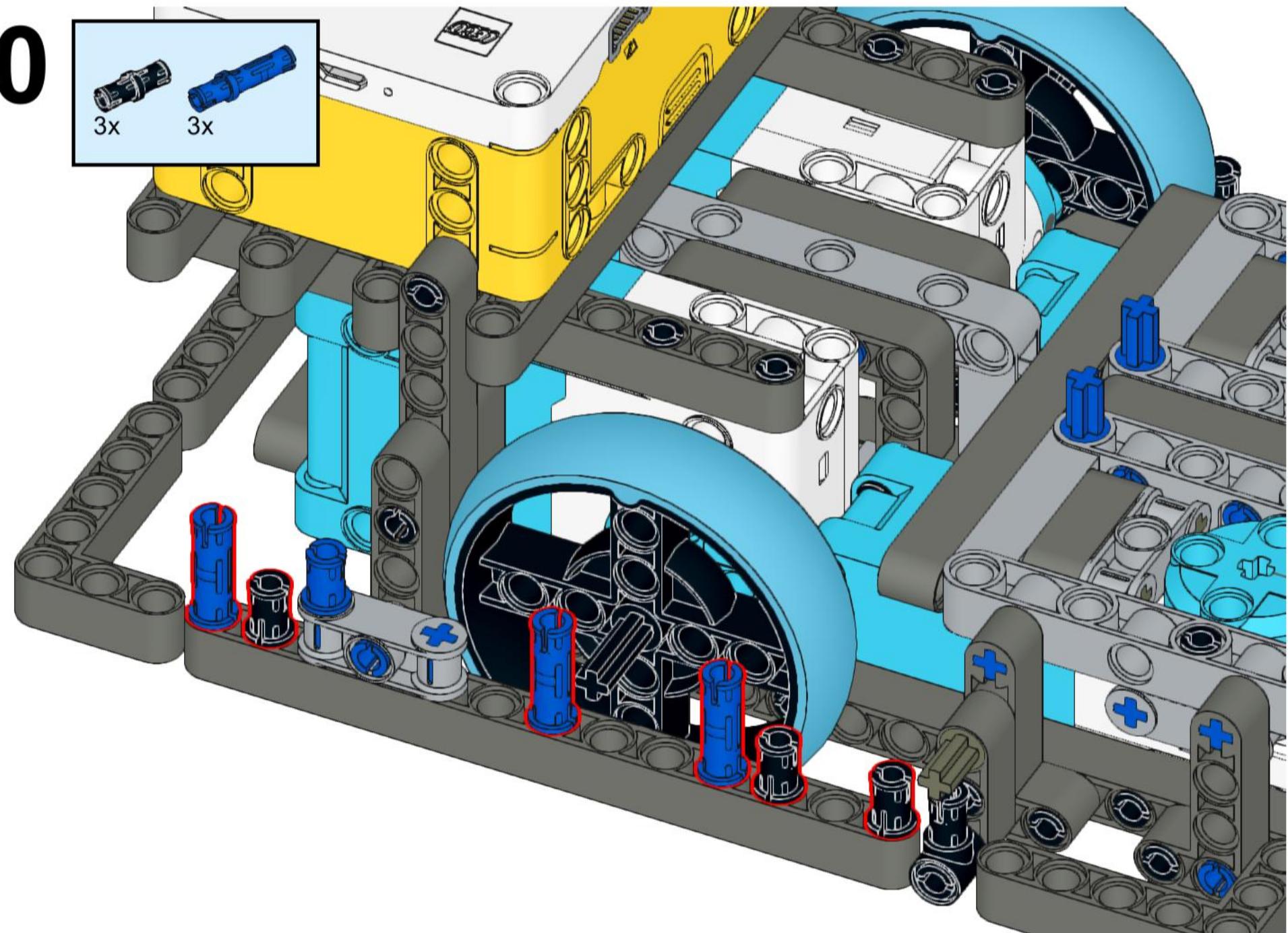
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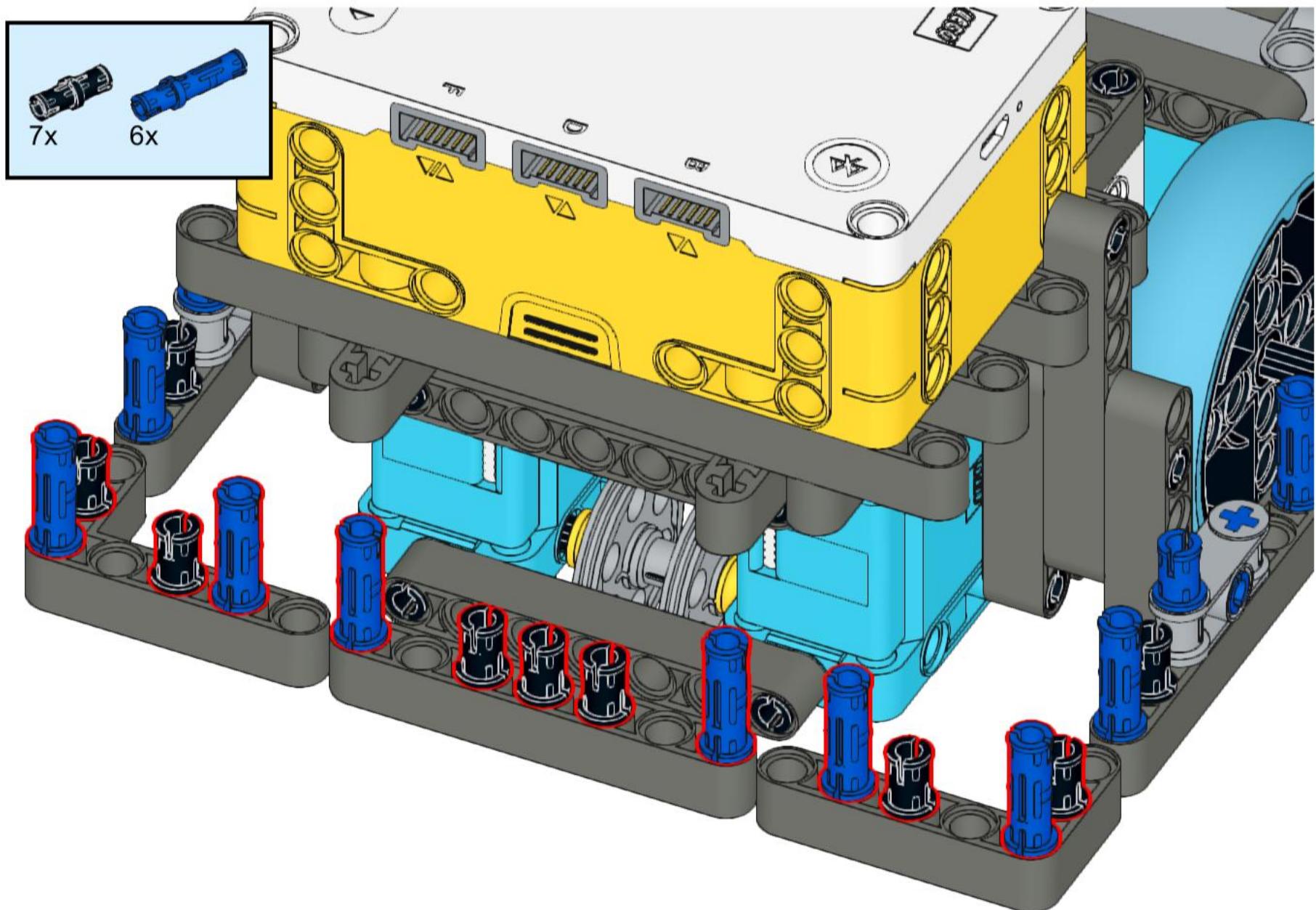
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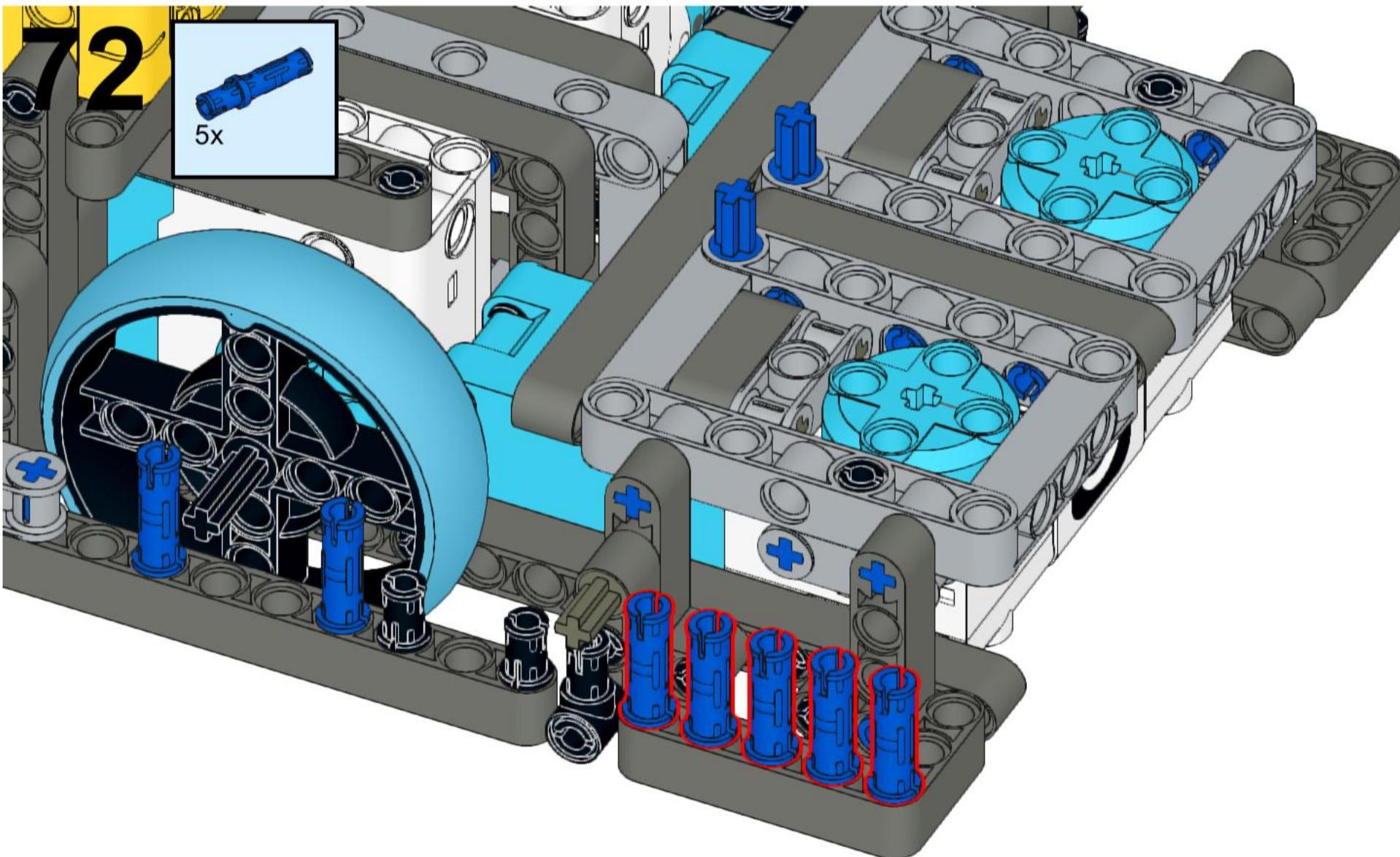


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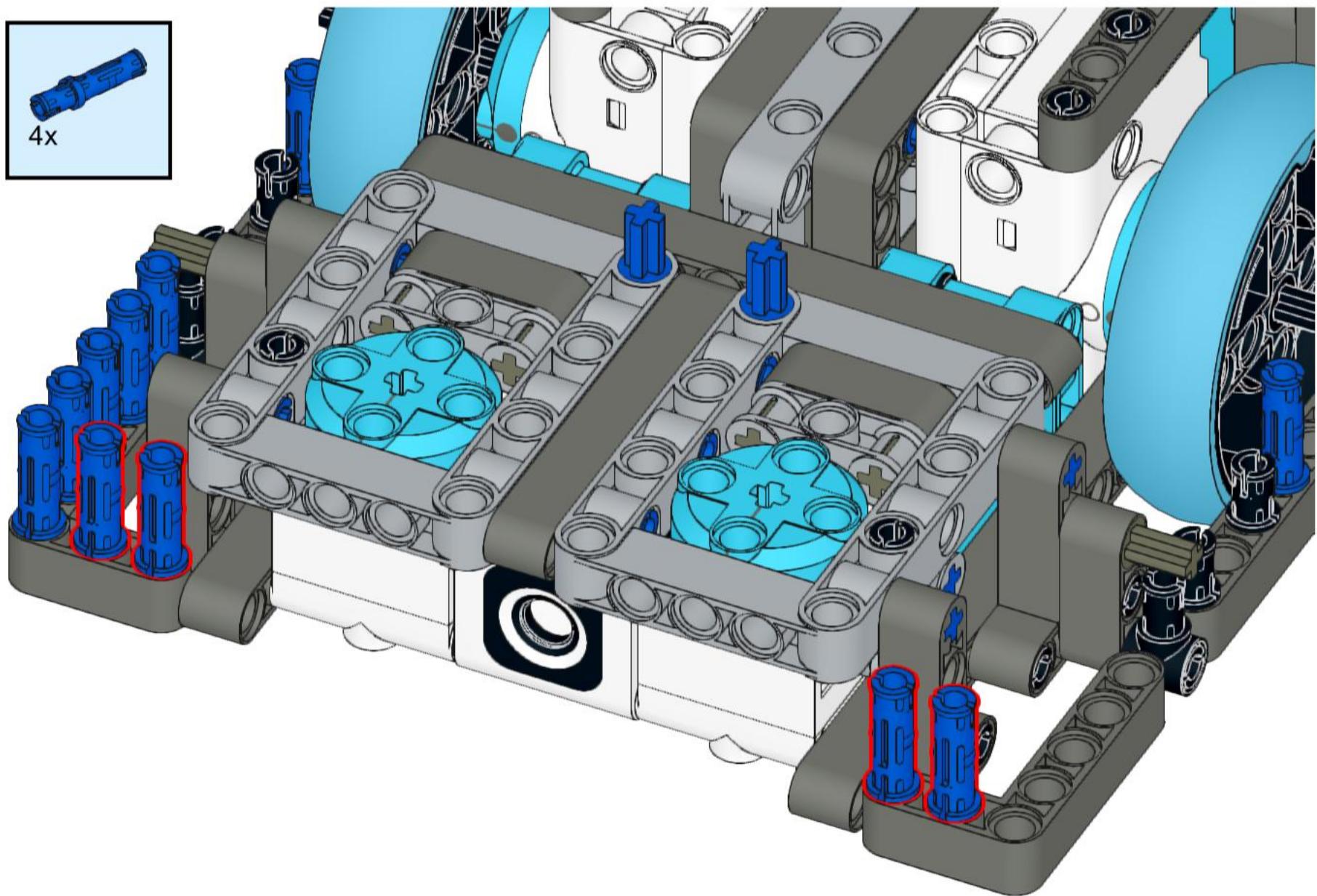
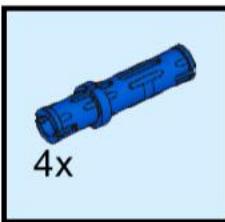


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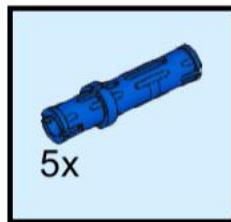




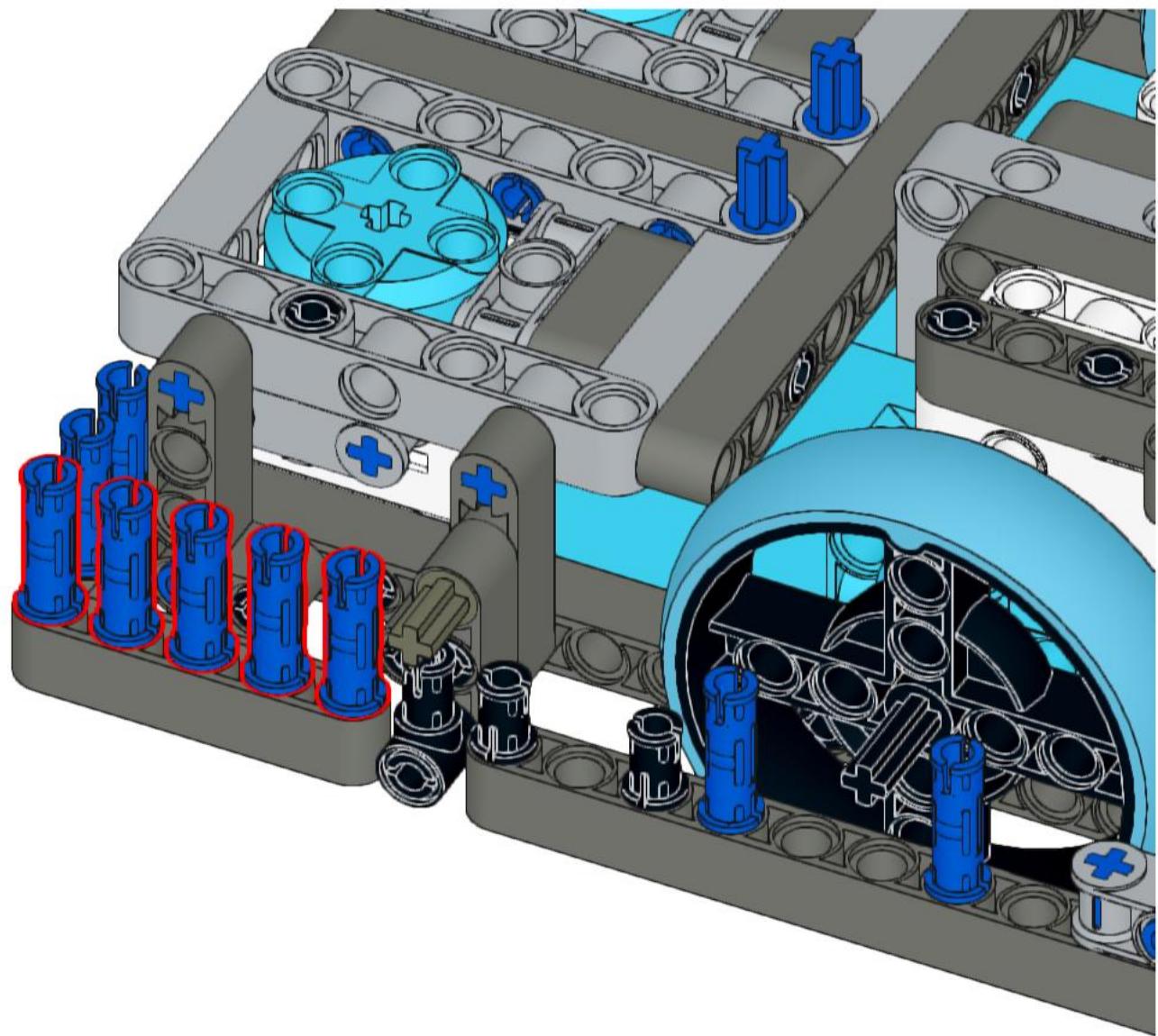
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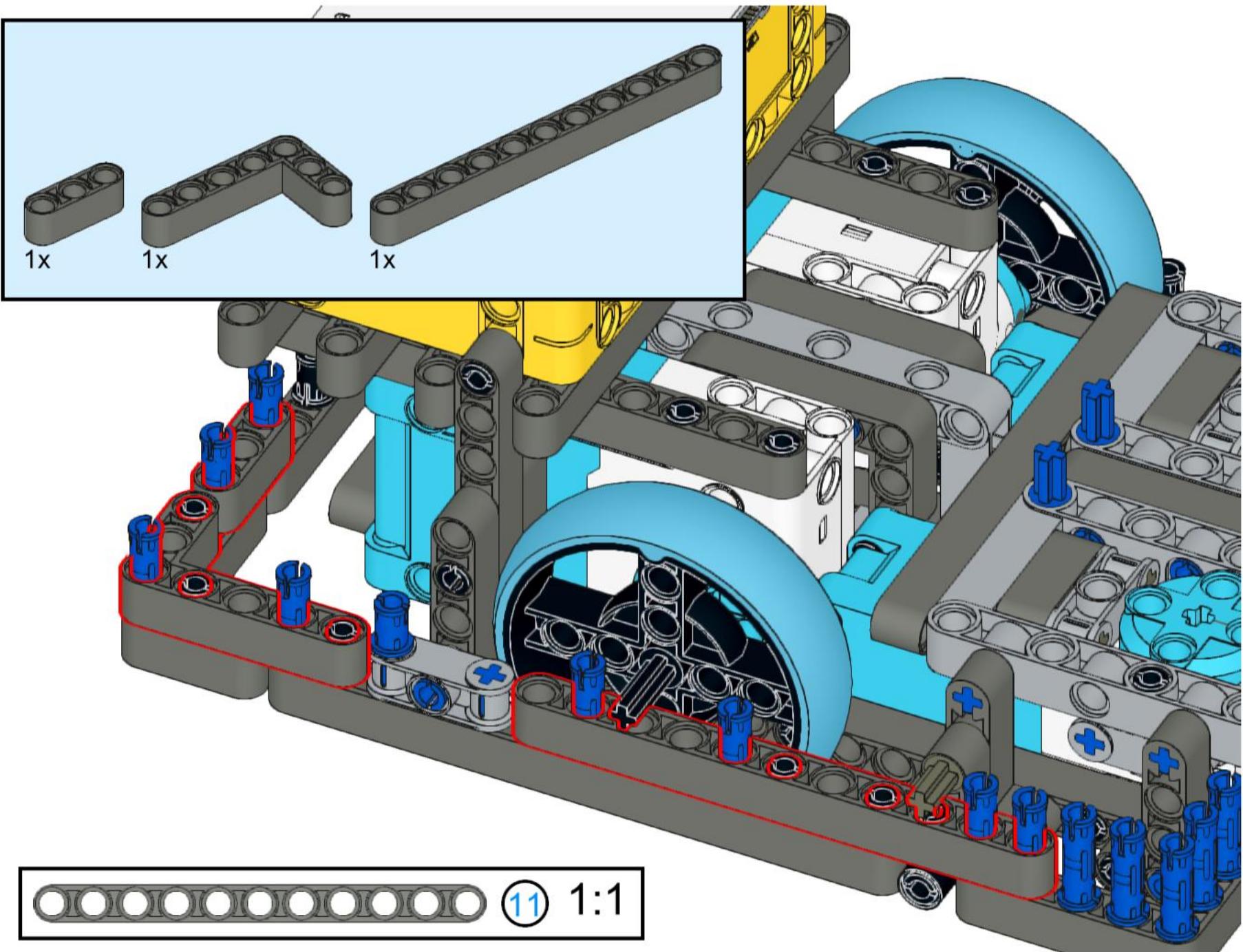
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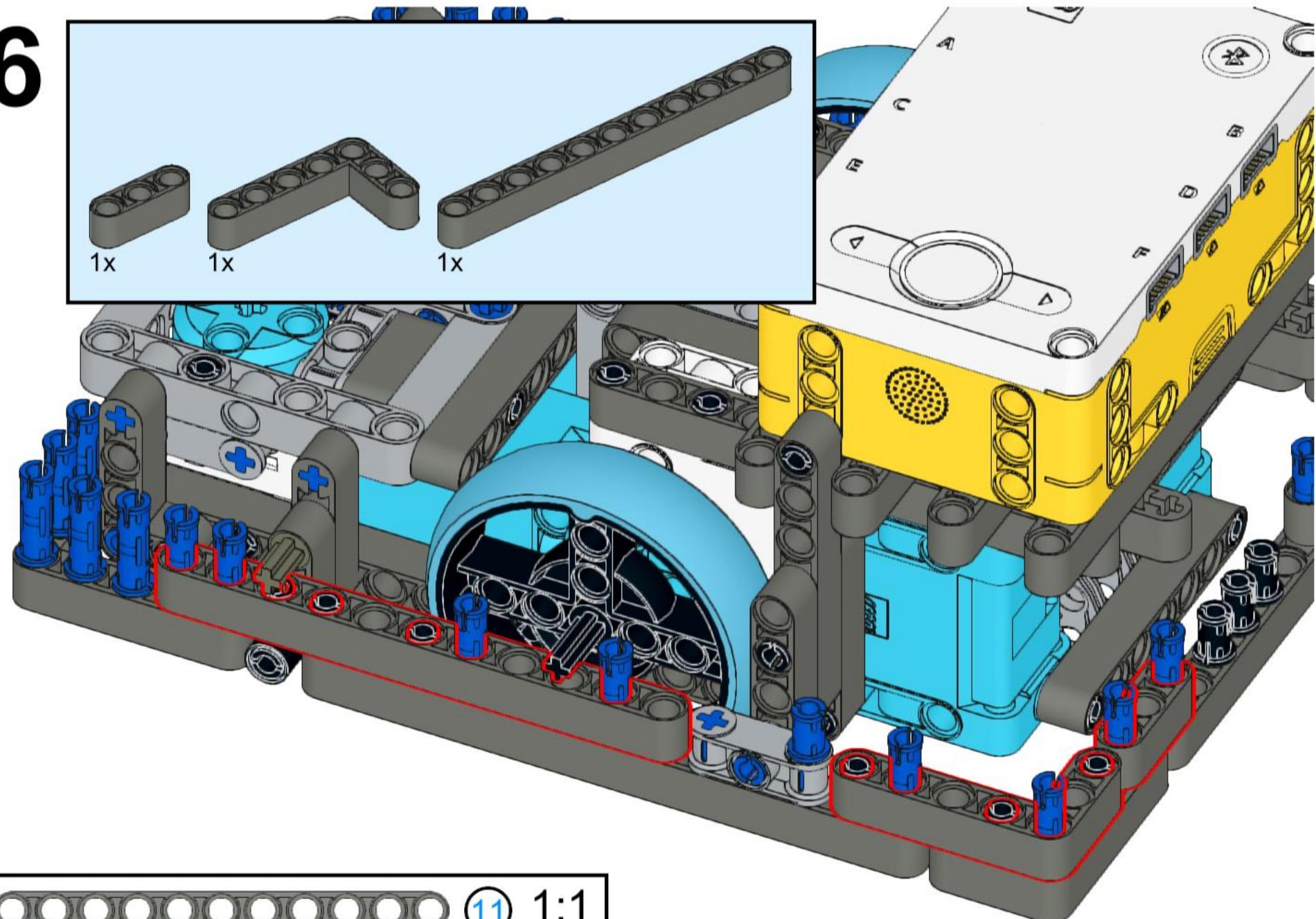
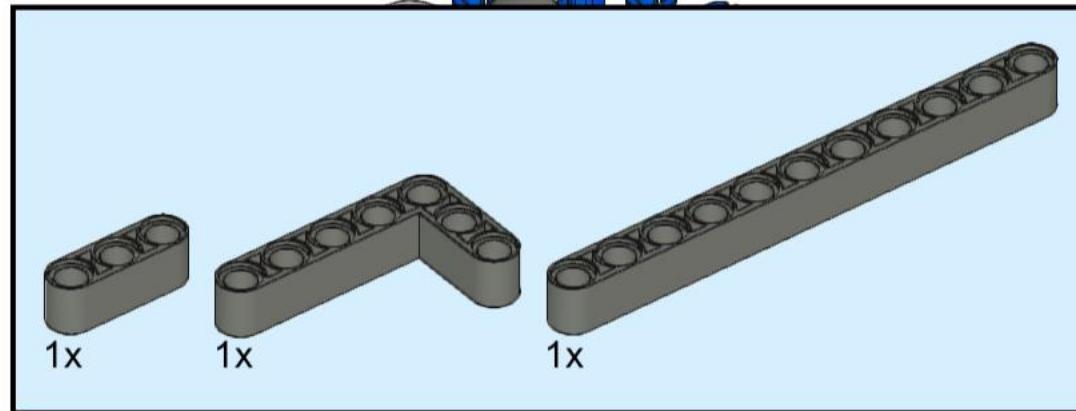


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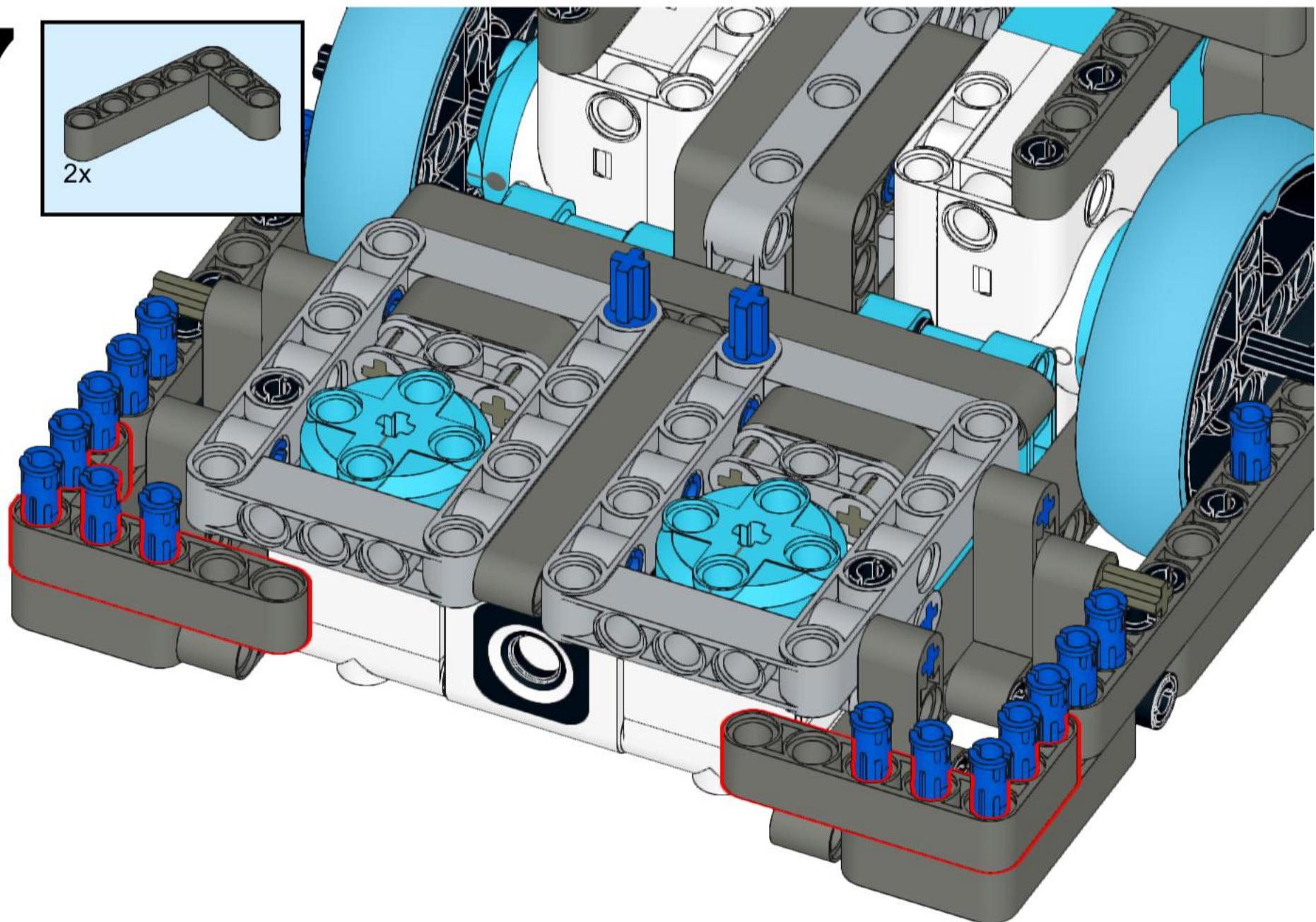
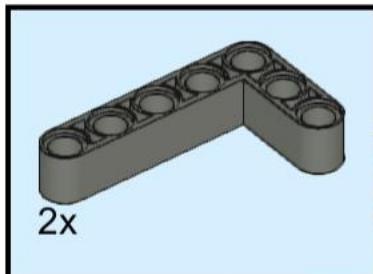
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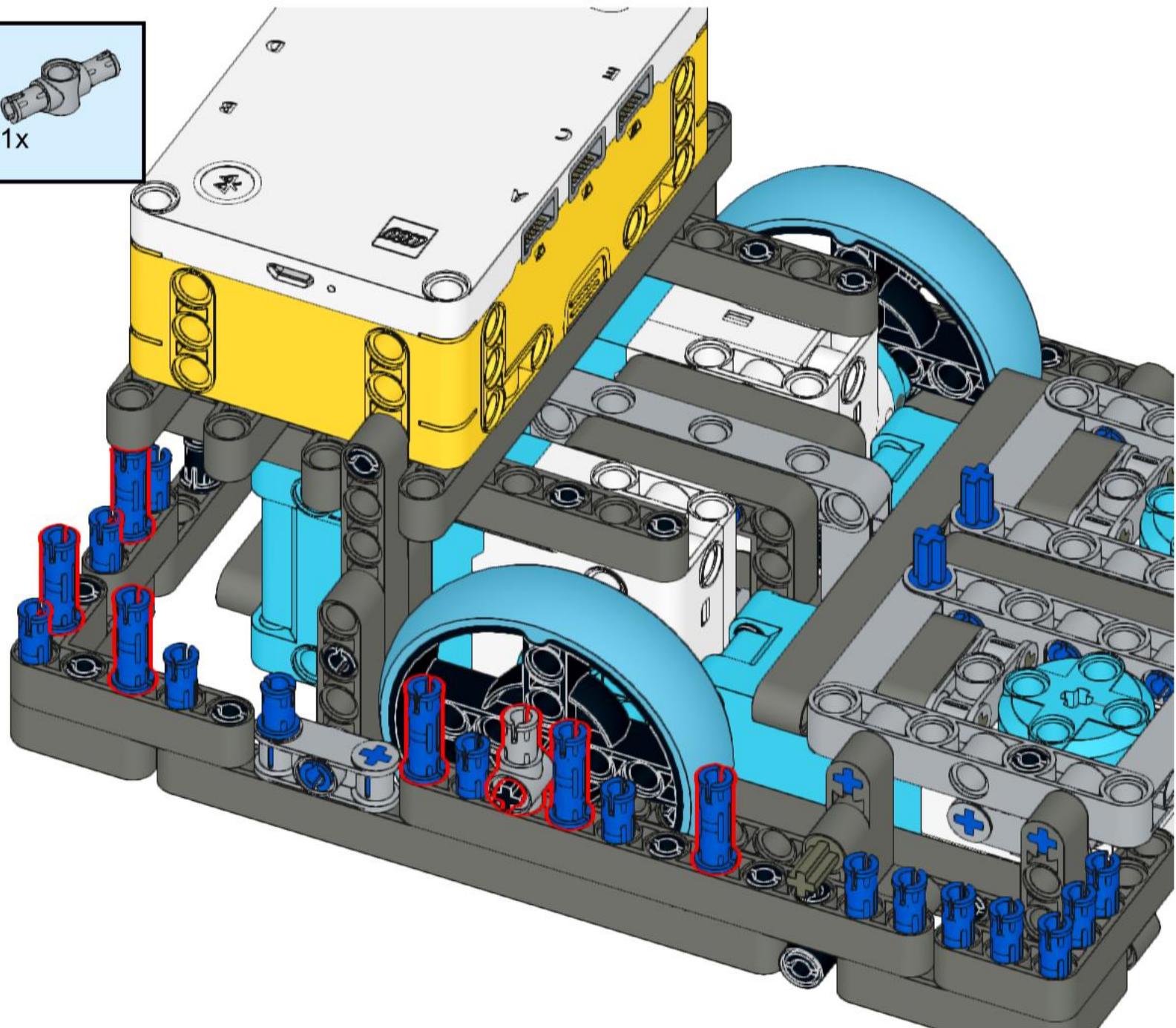
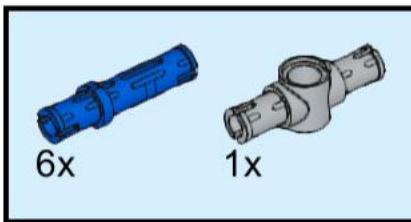


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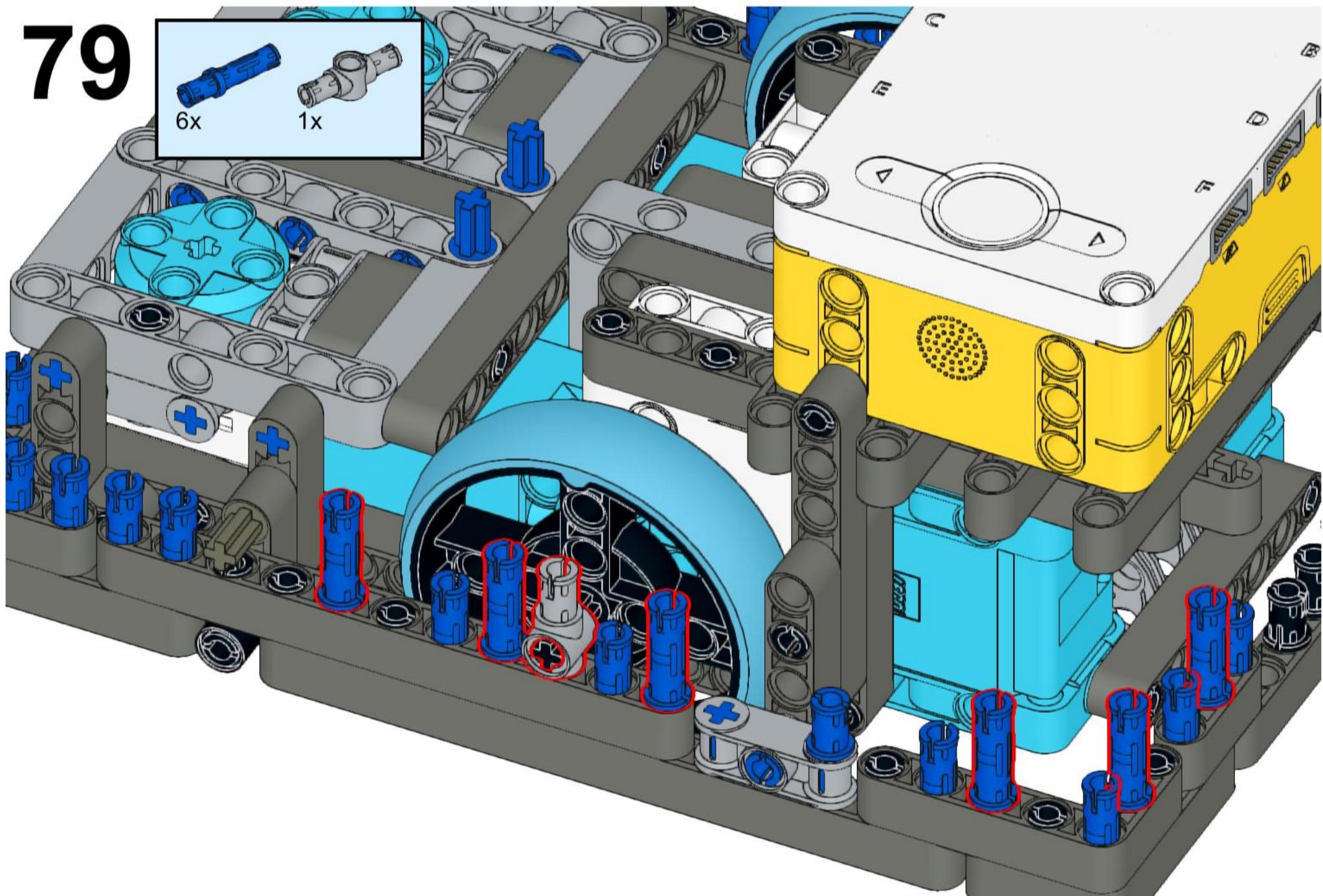
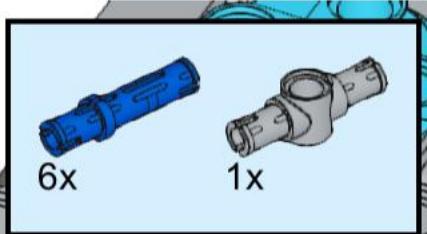
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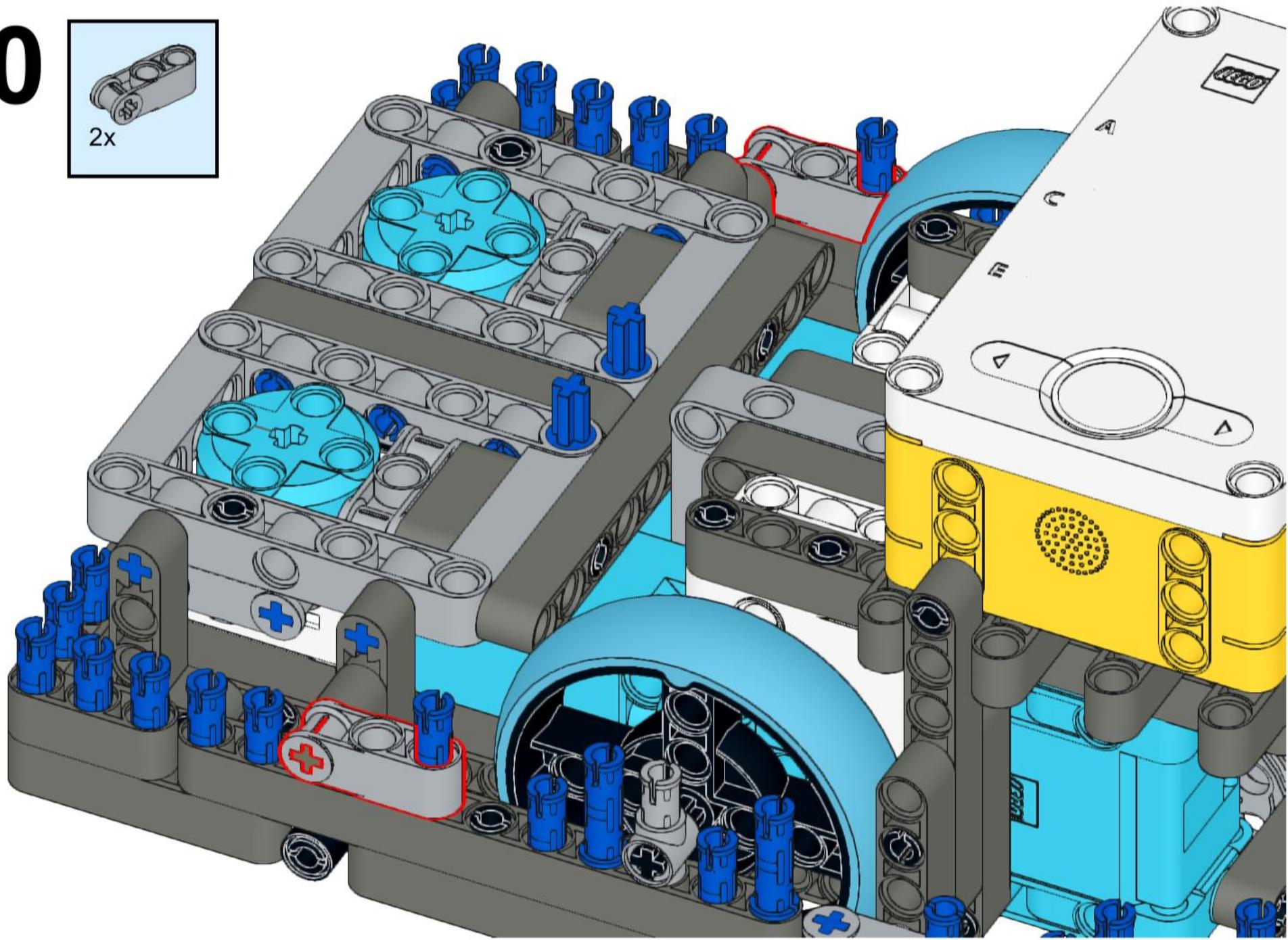
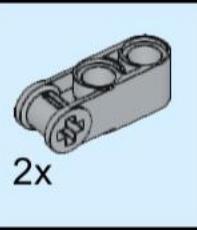
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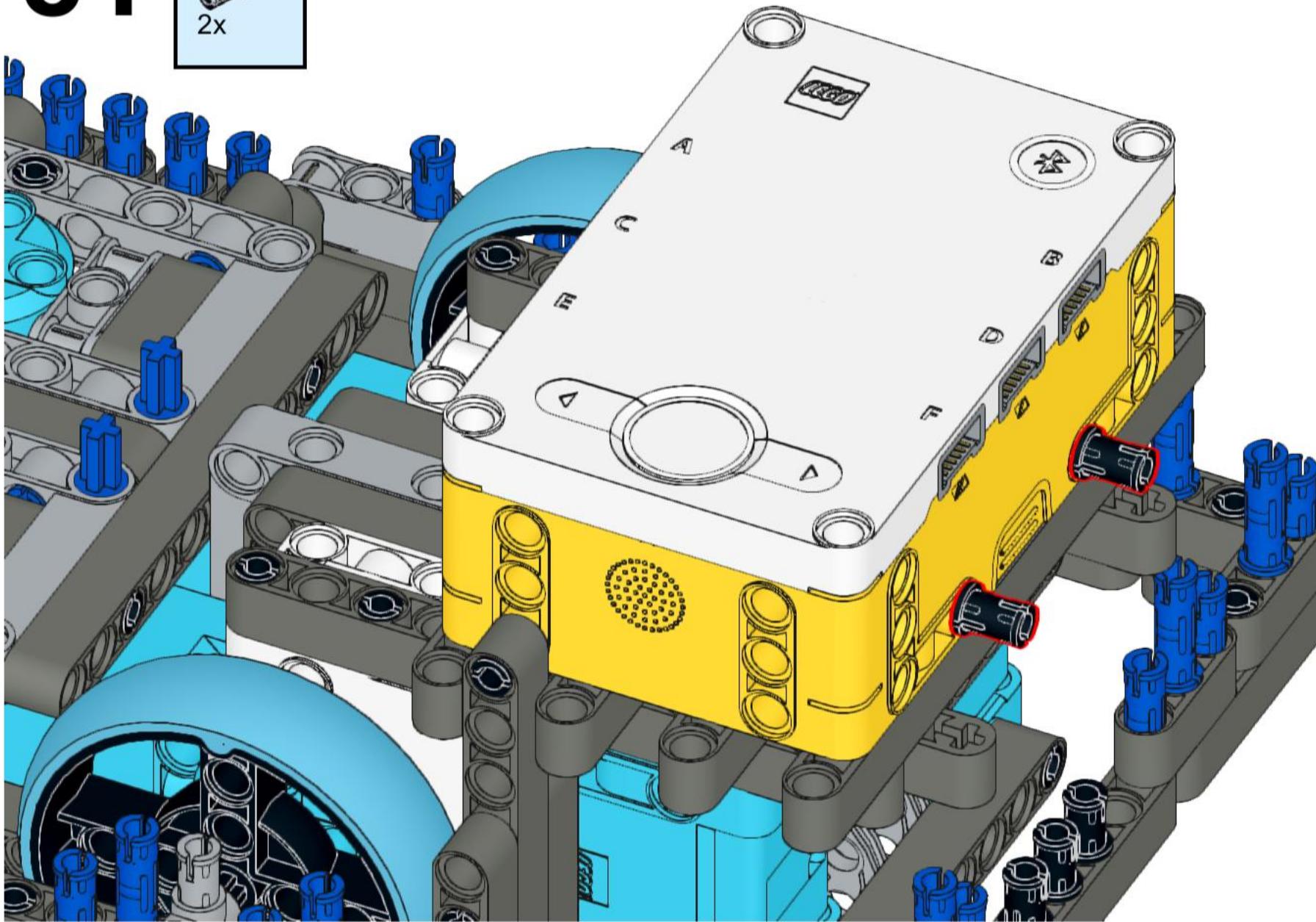
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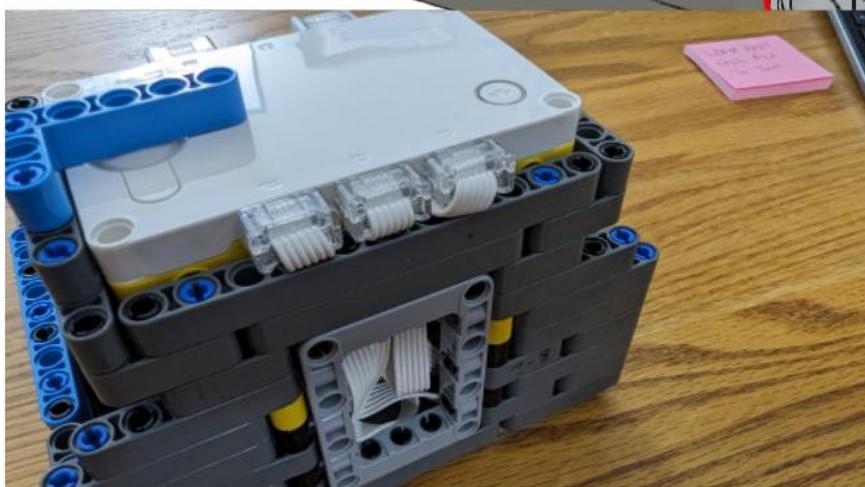
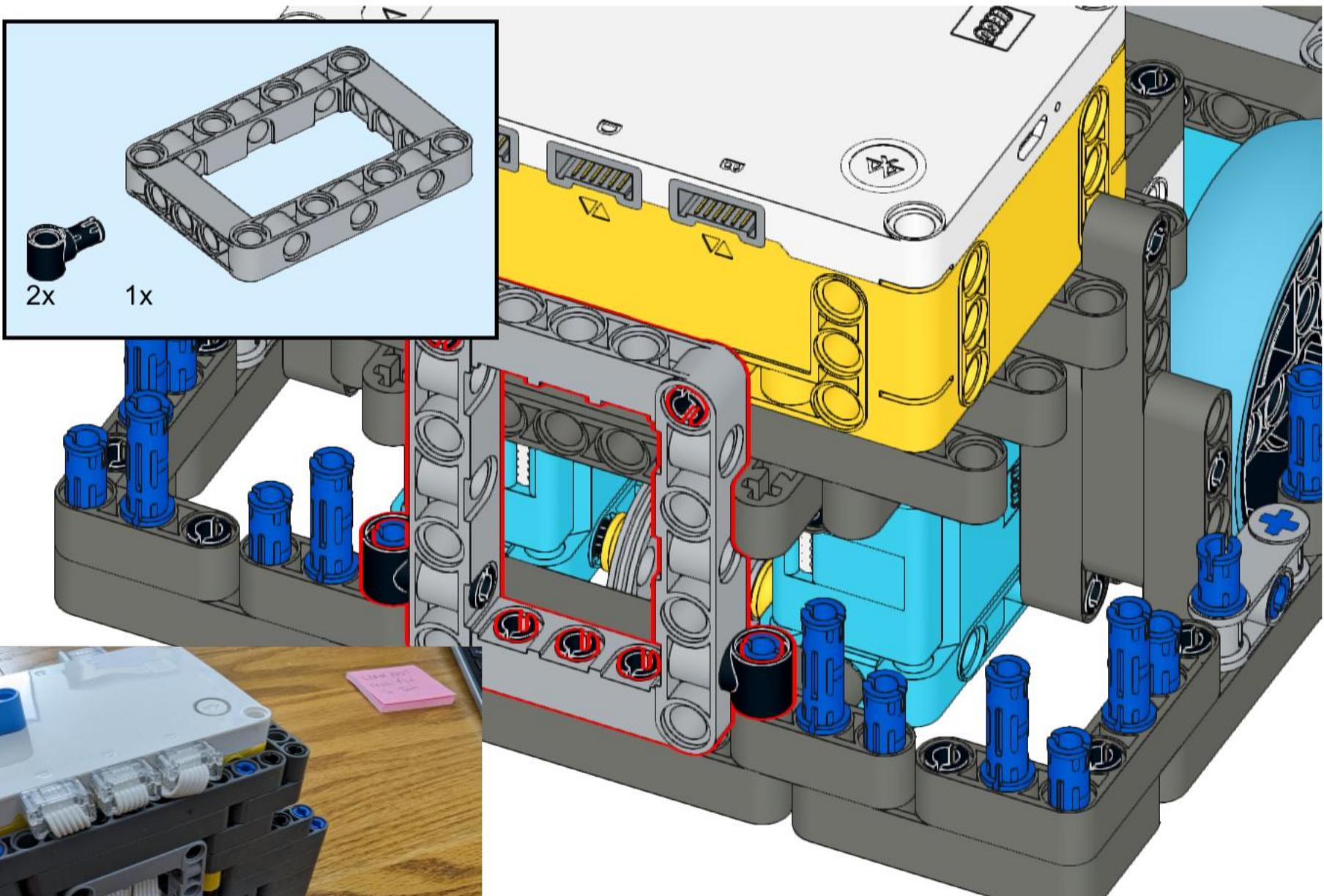
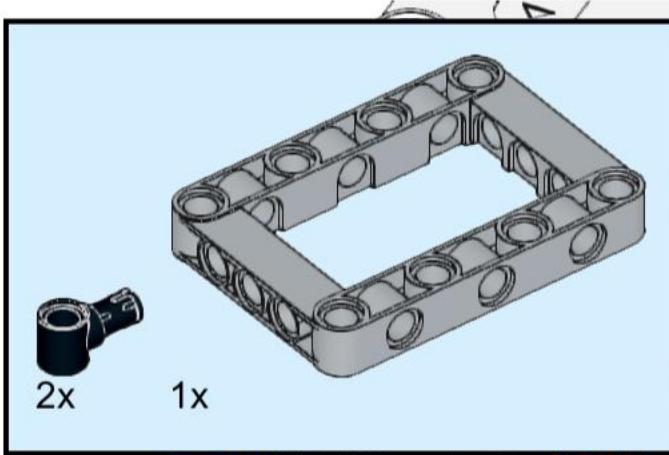
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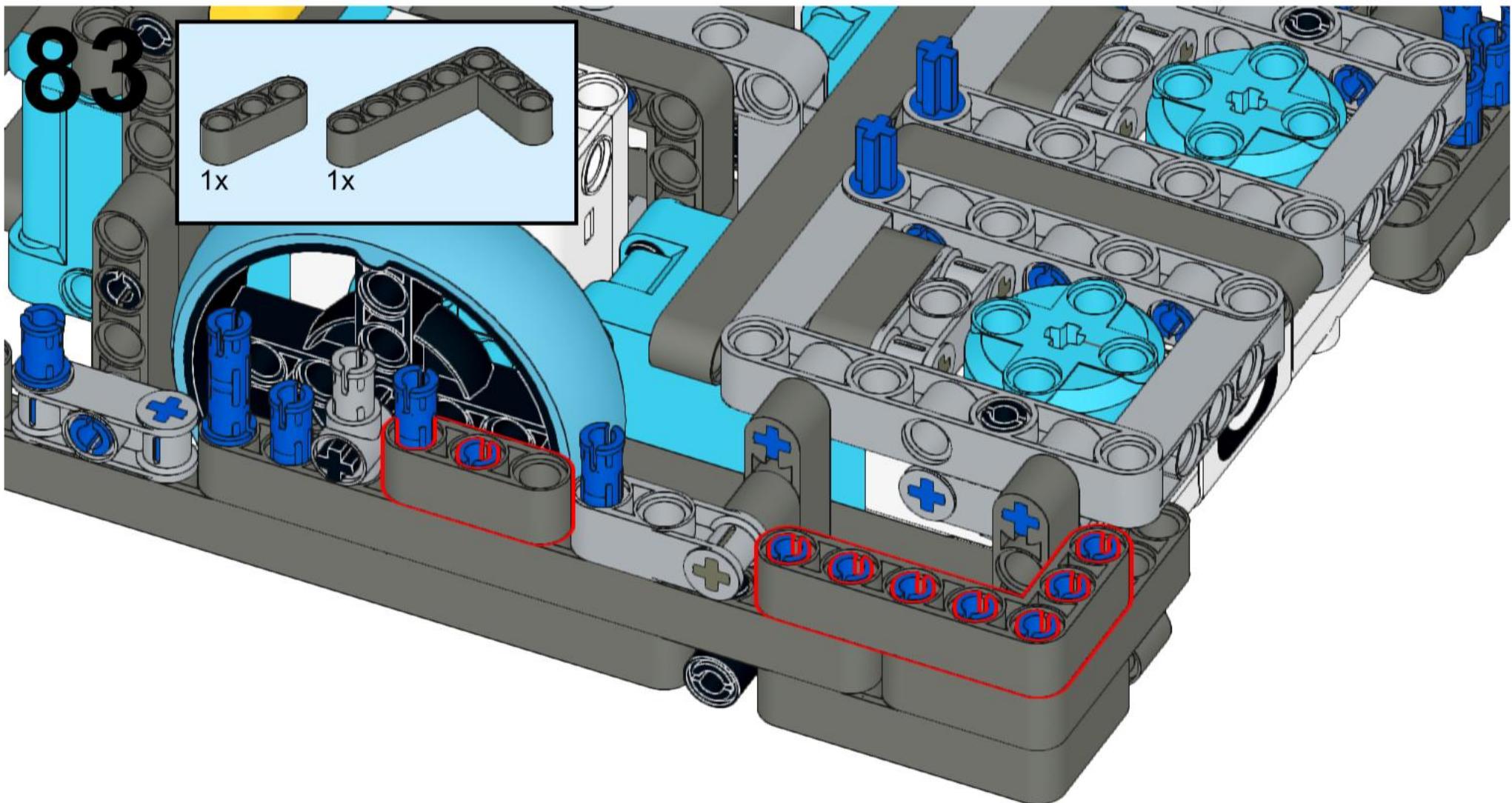
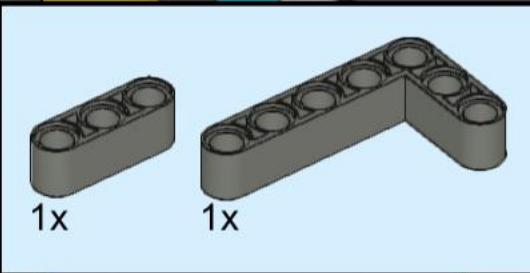
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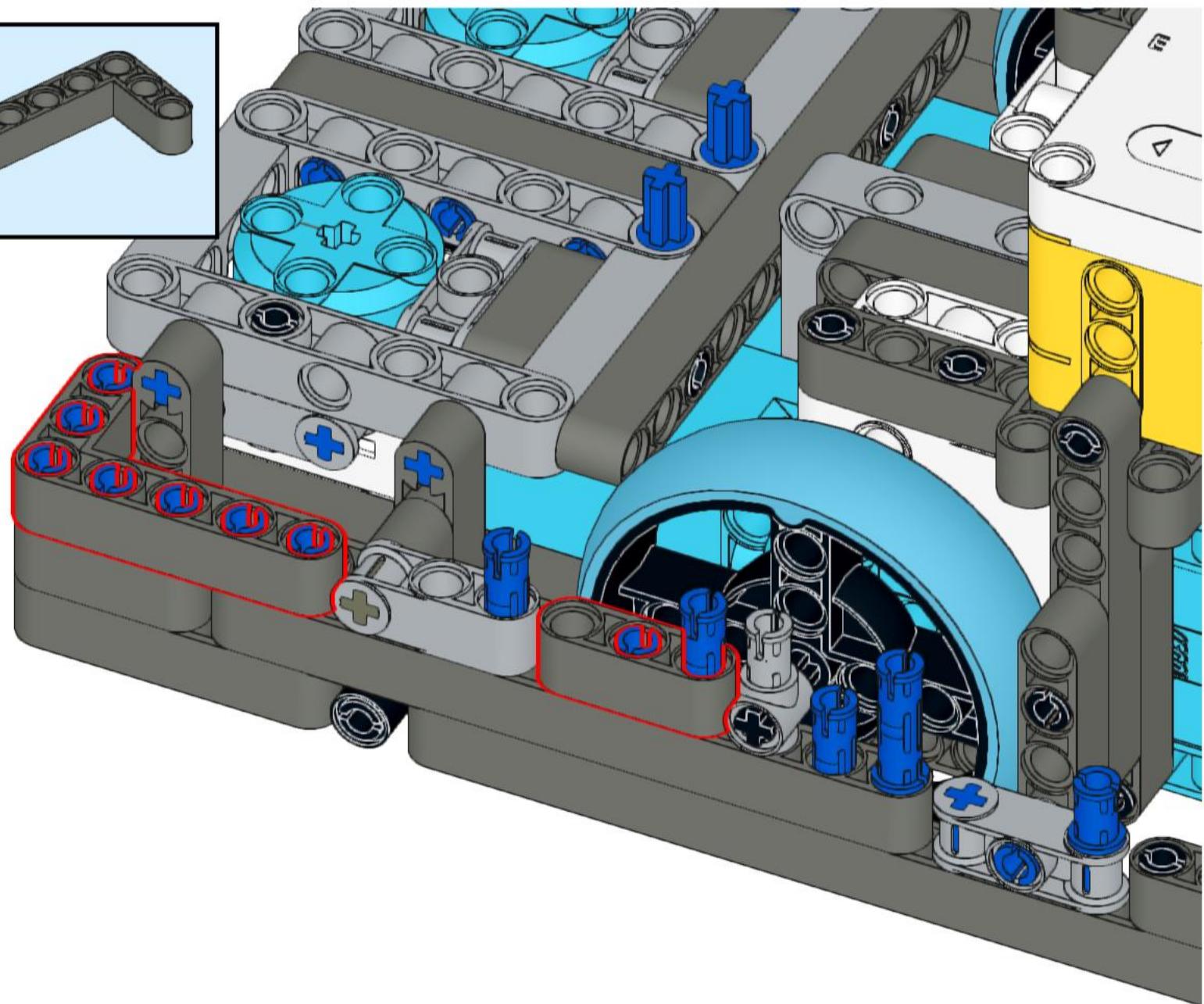
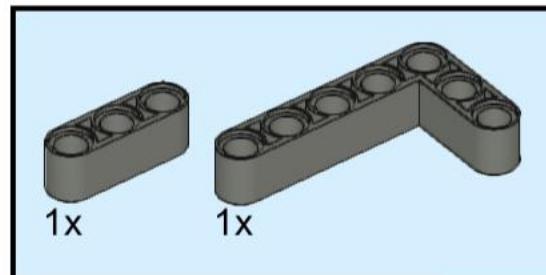
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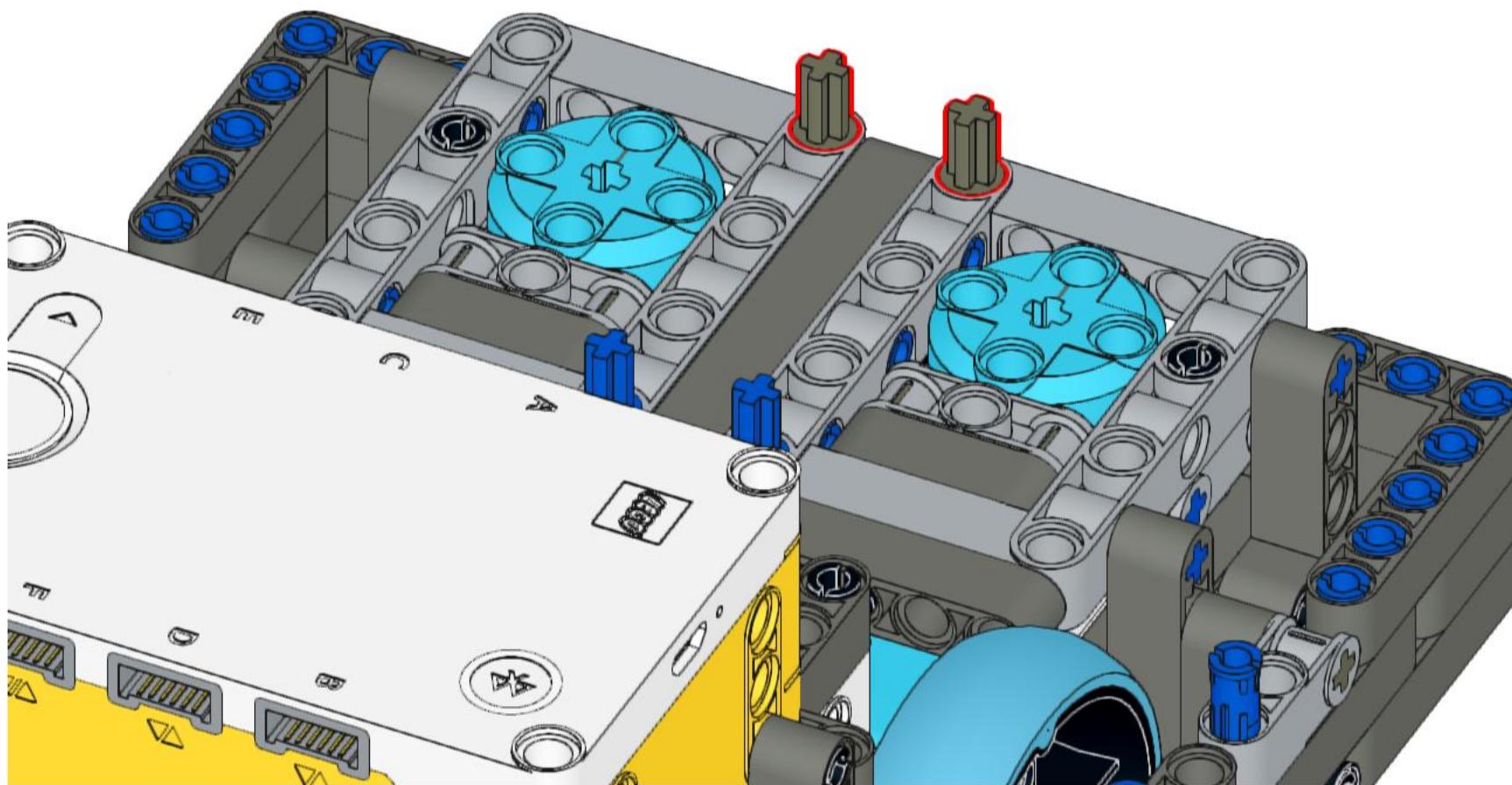
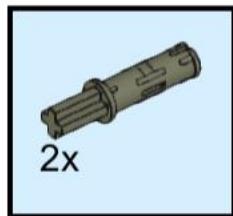
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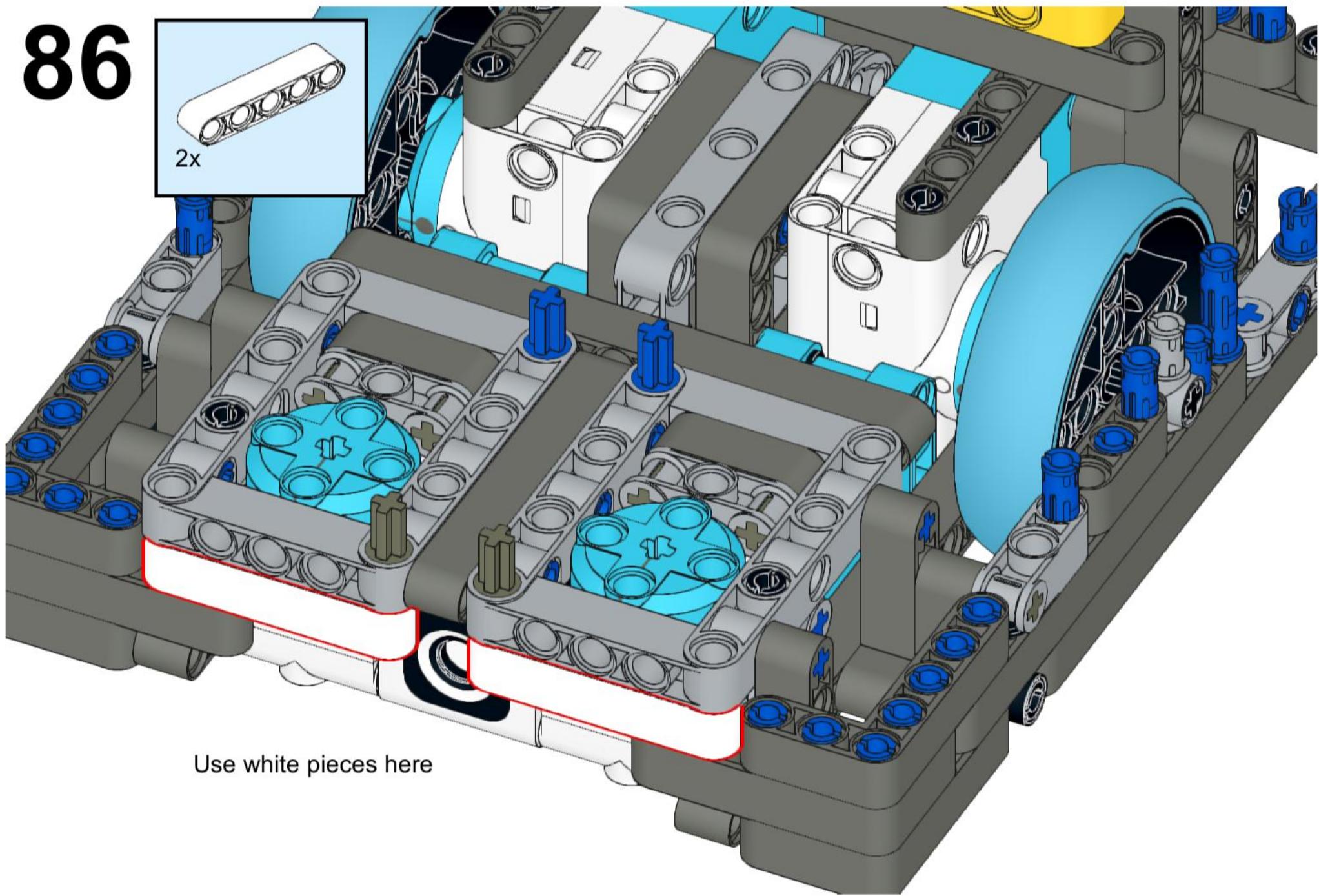
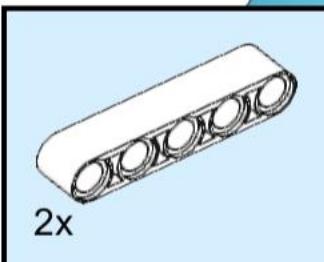
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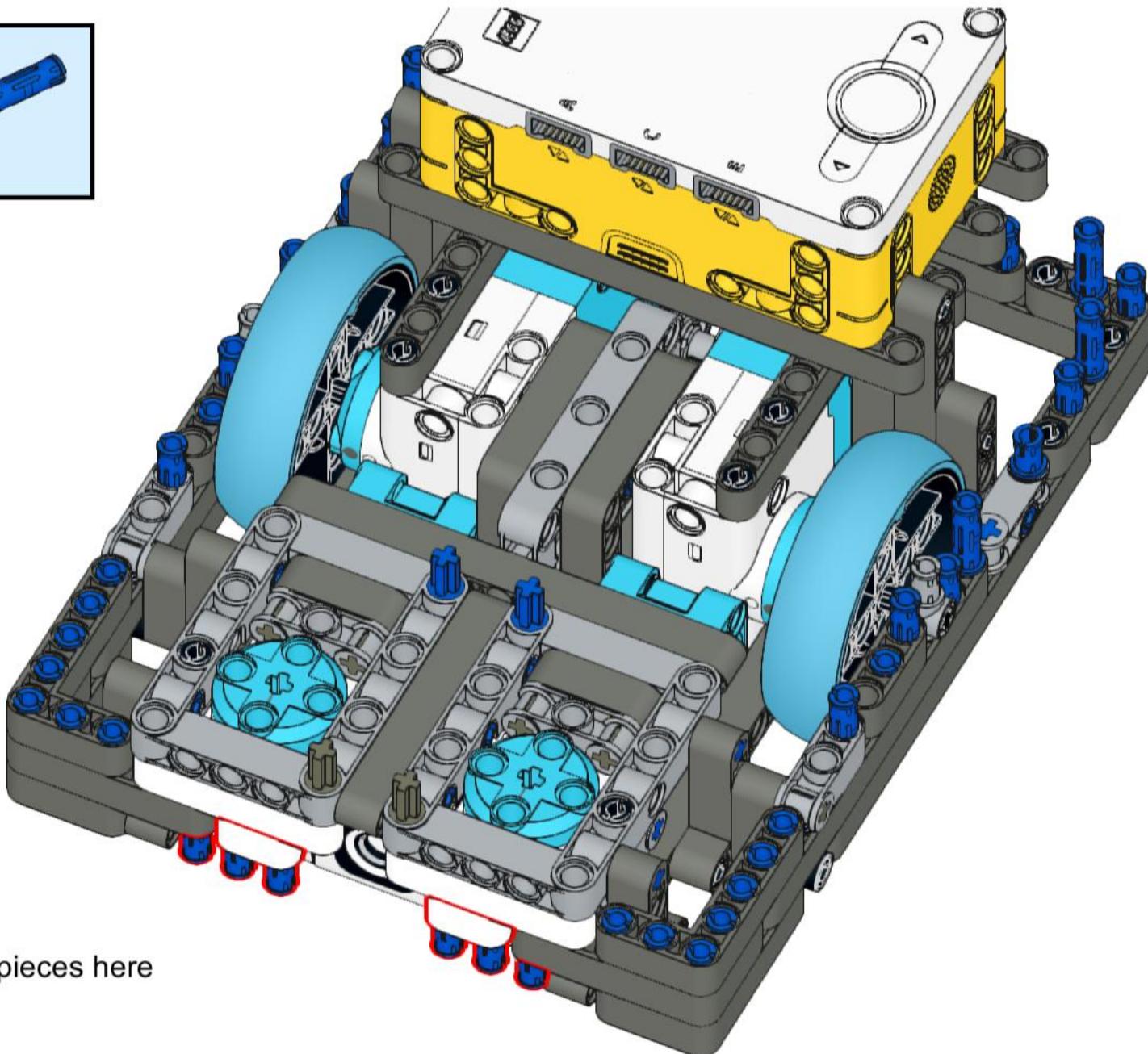
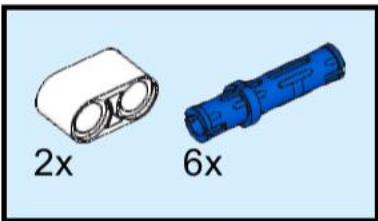
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86

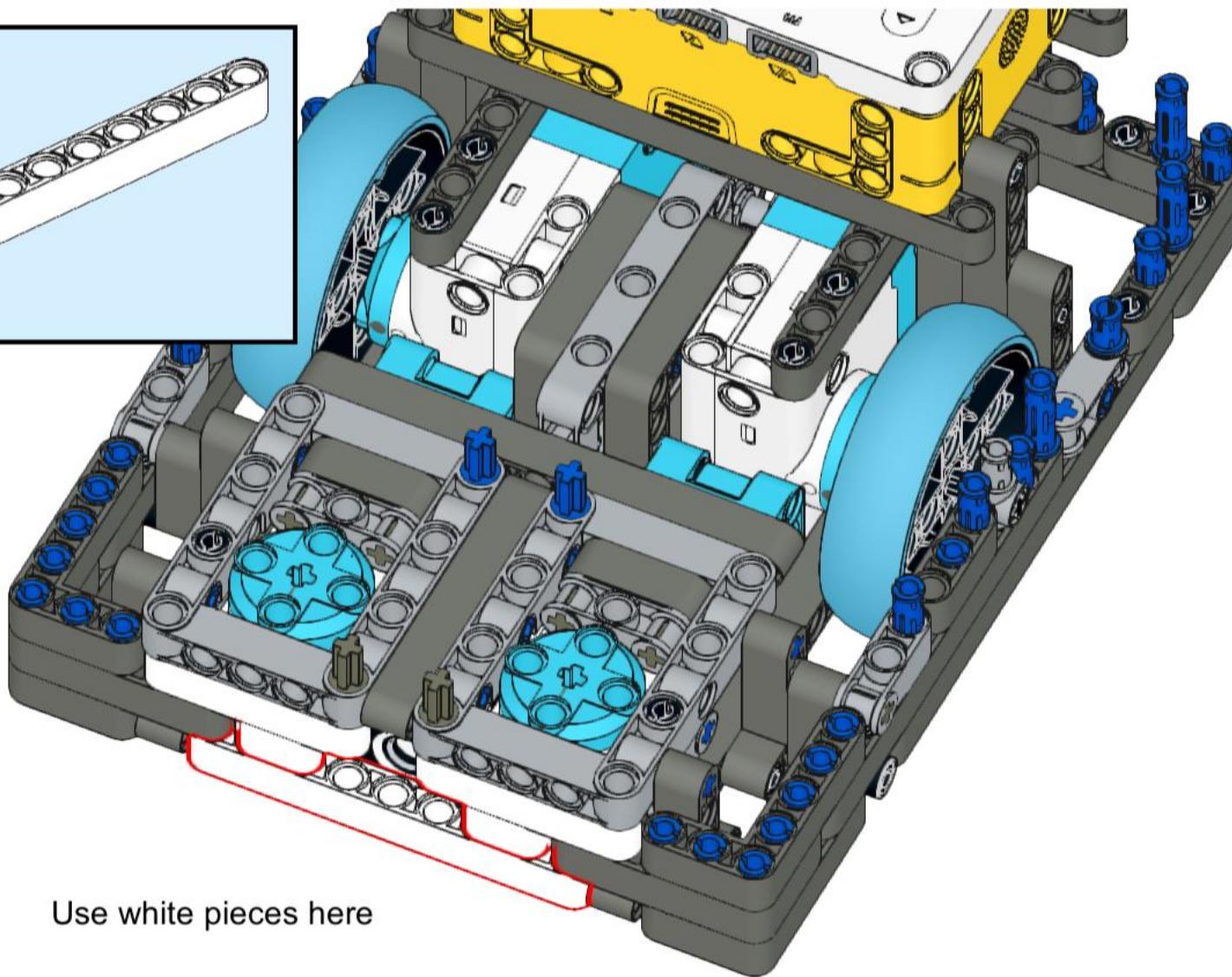
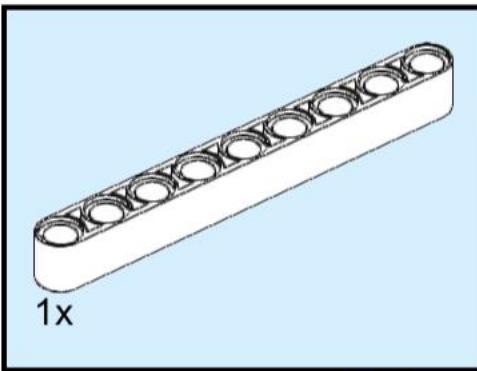


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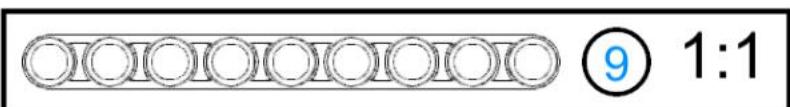


Use white pieces here

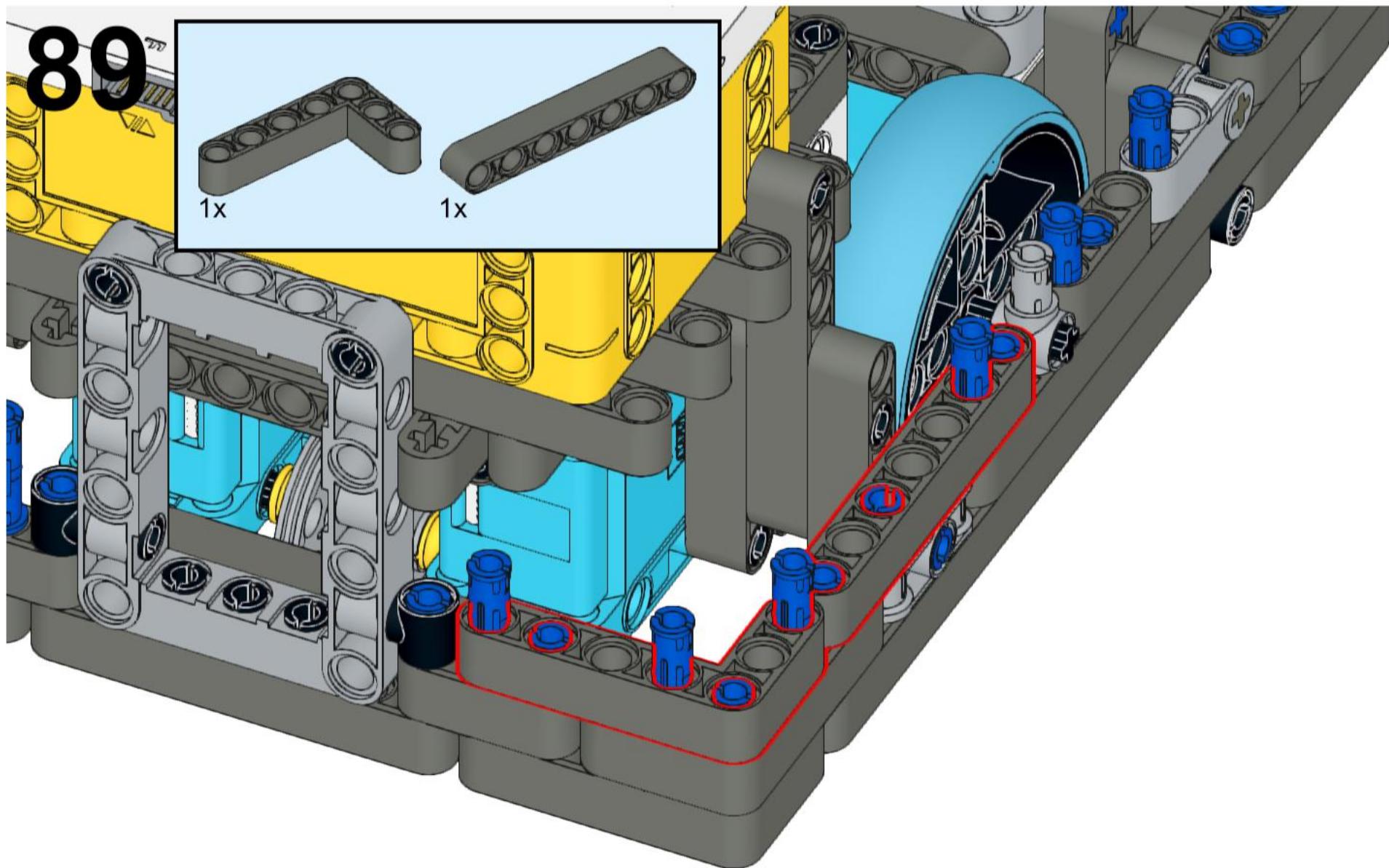
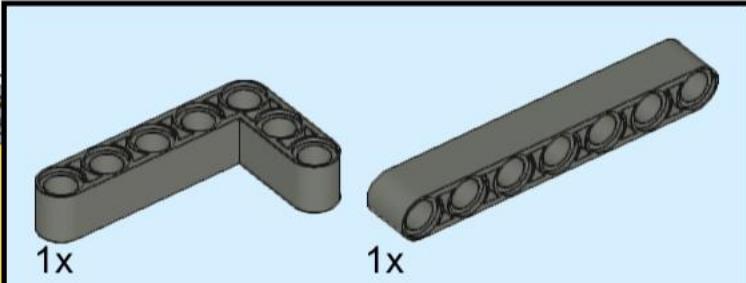
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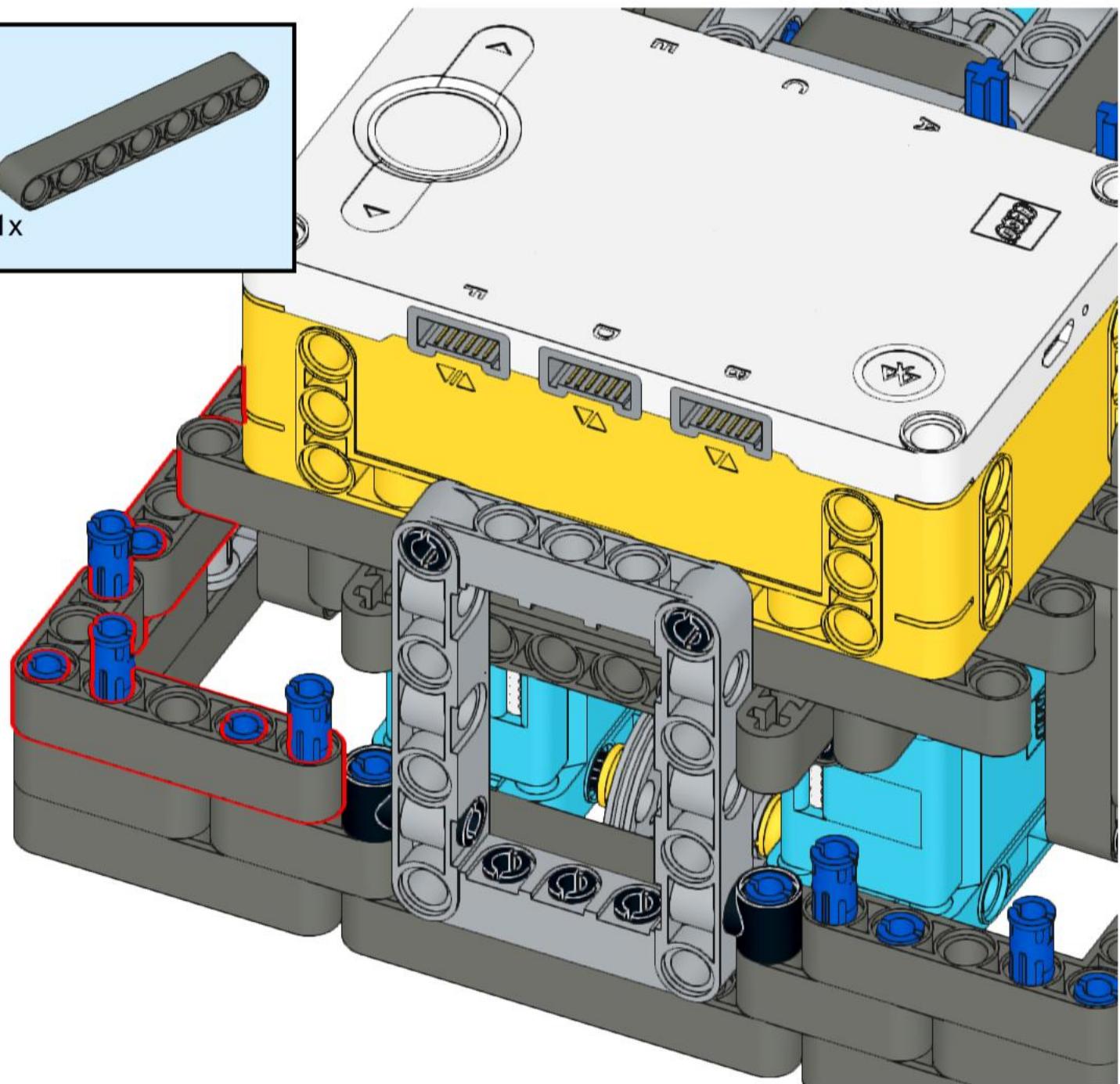
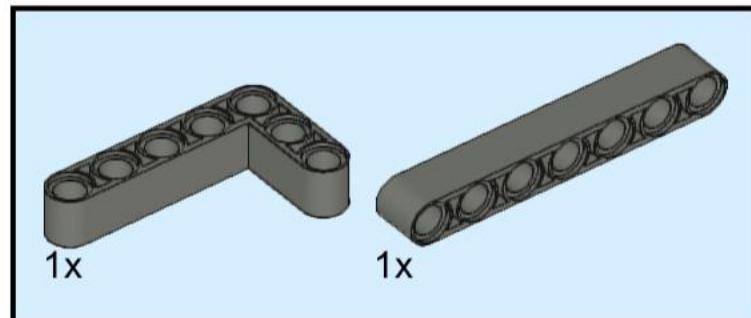
Use white pieces here

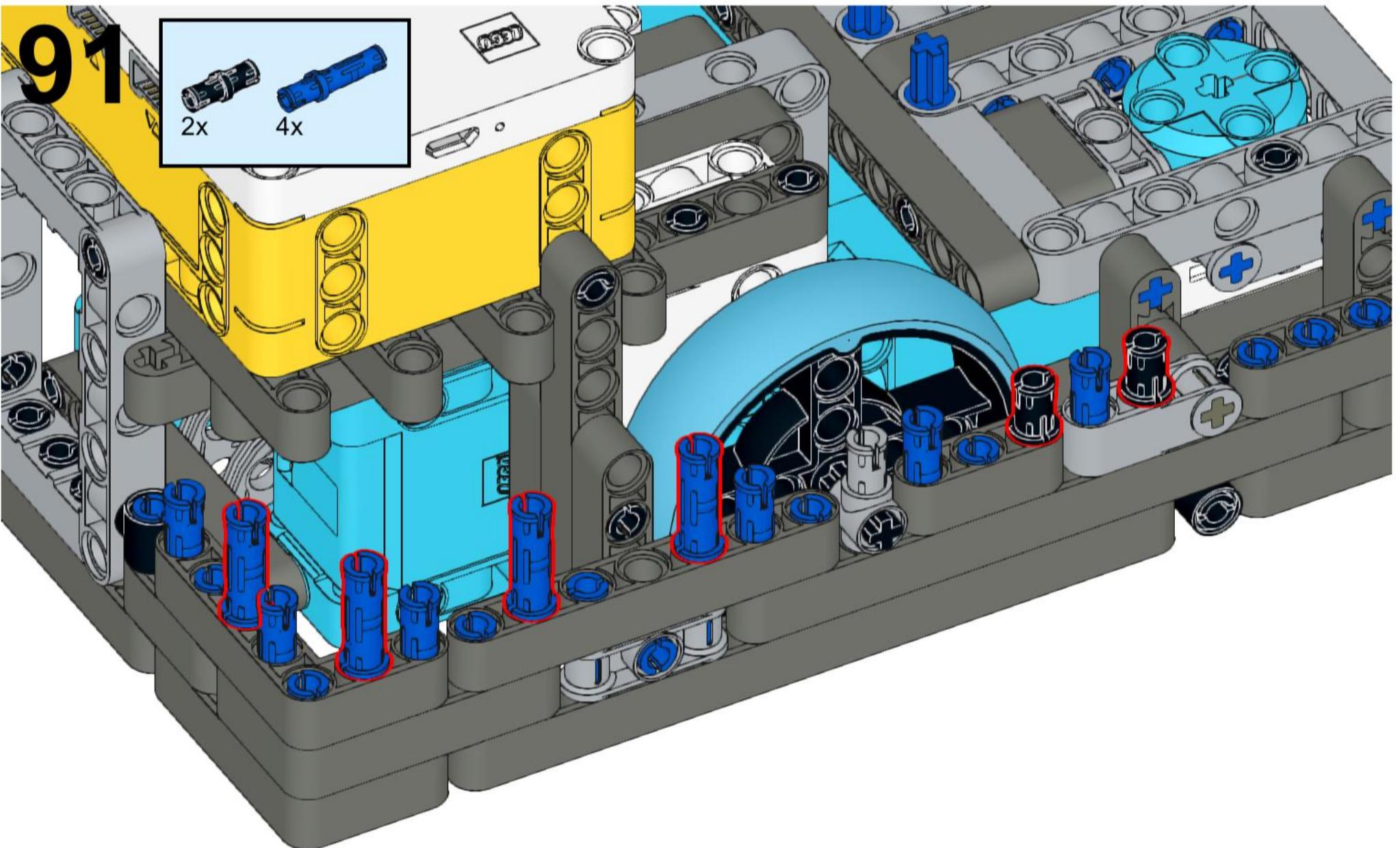


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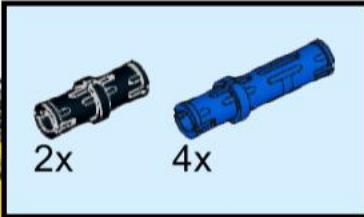


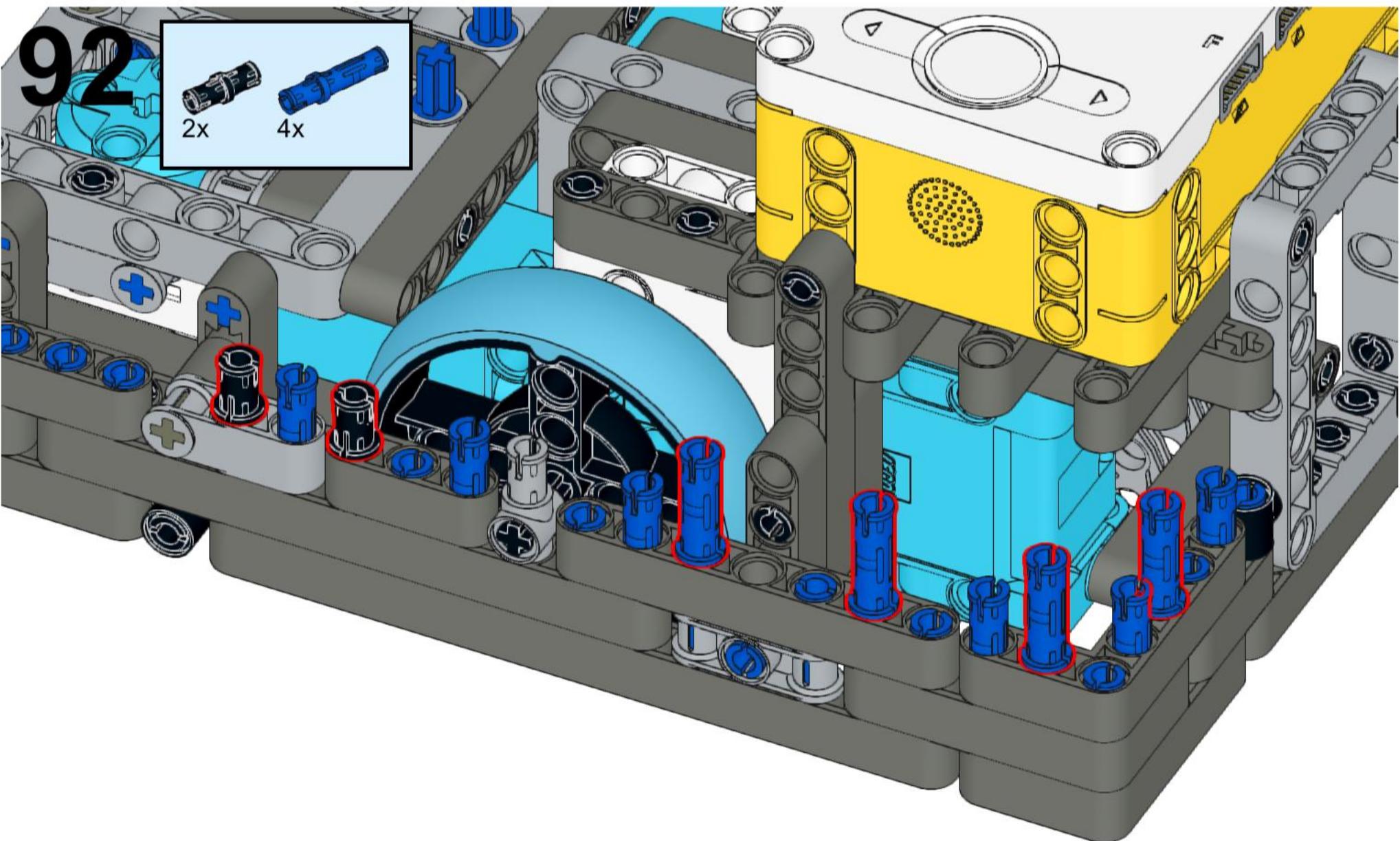
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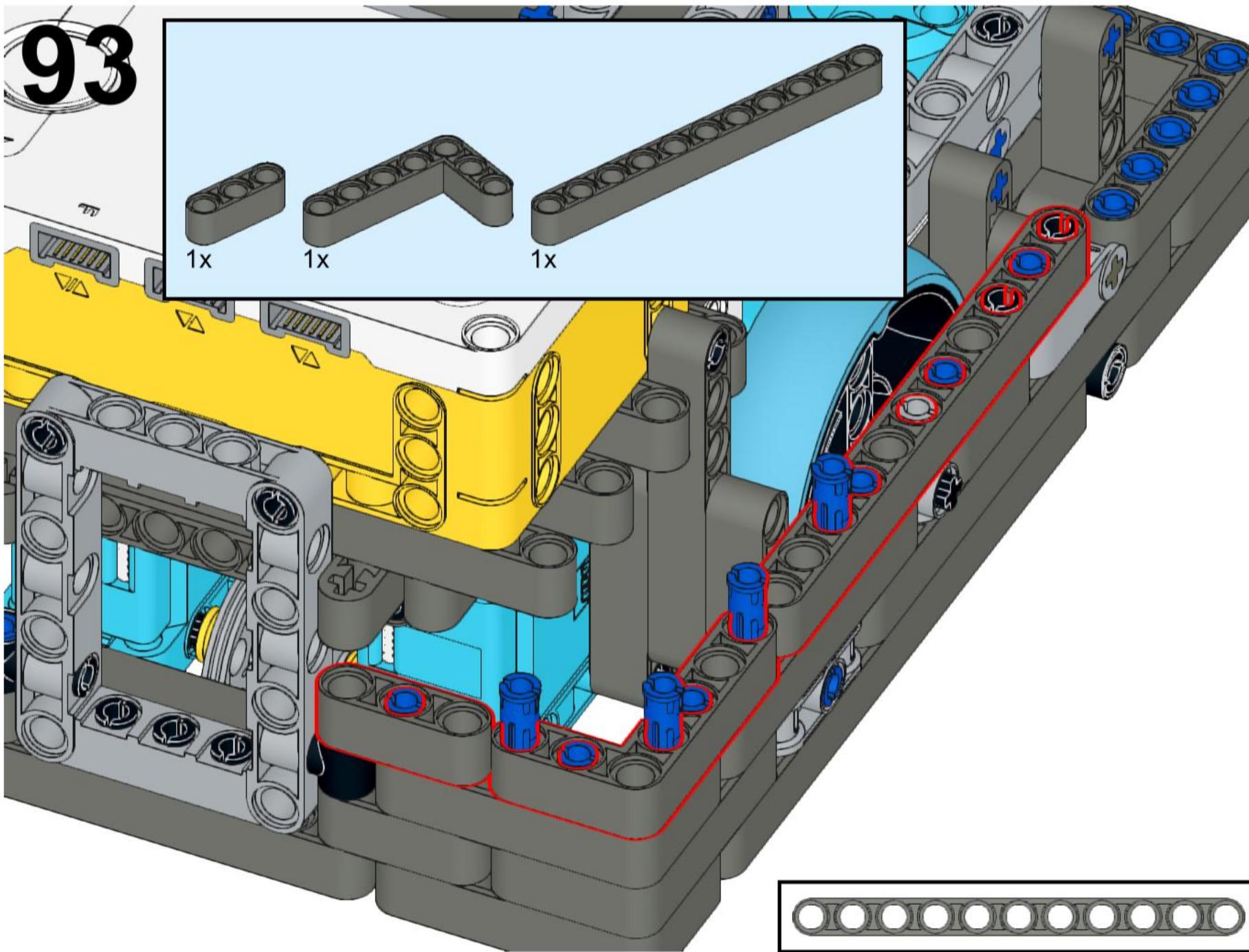


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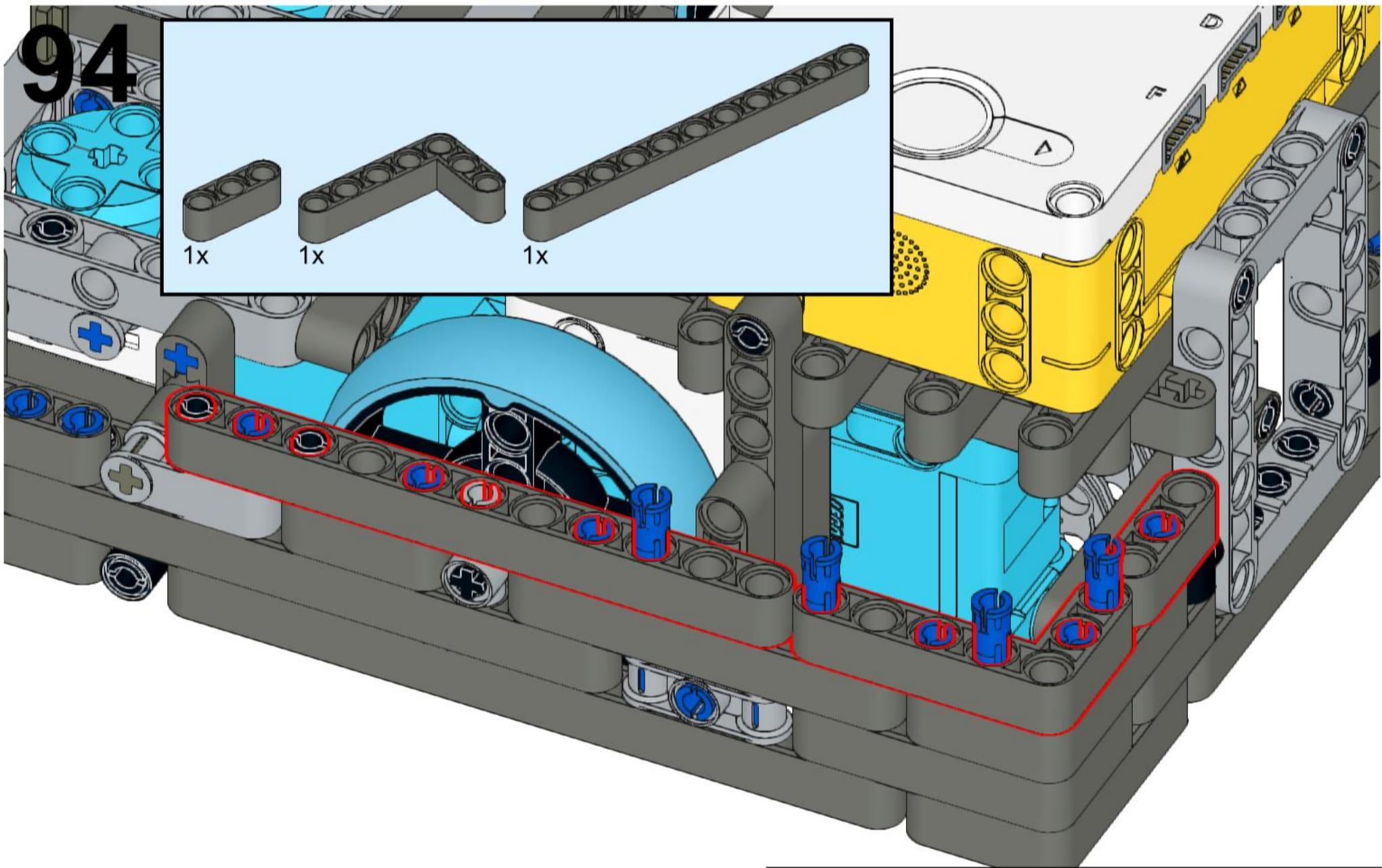
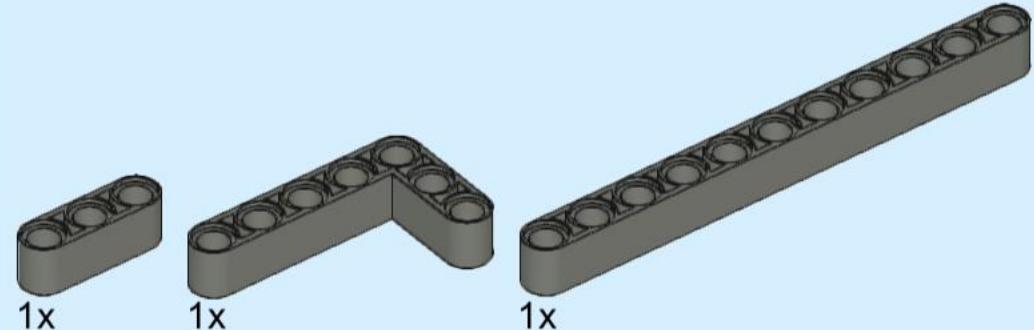




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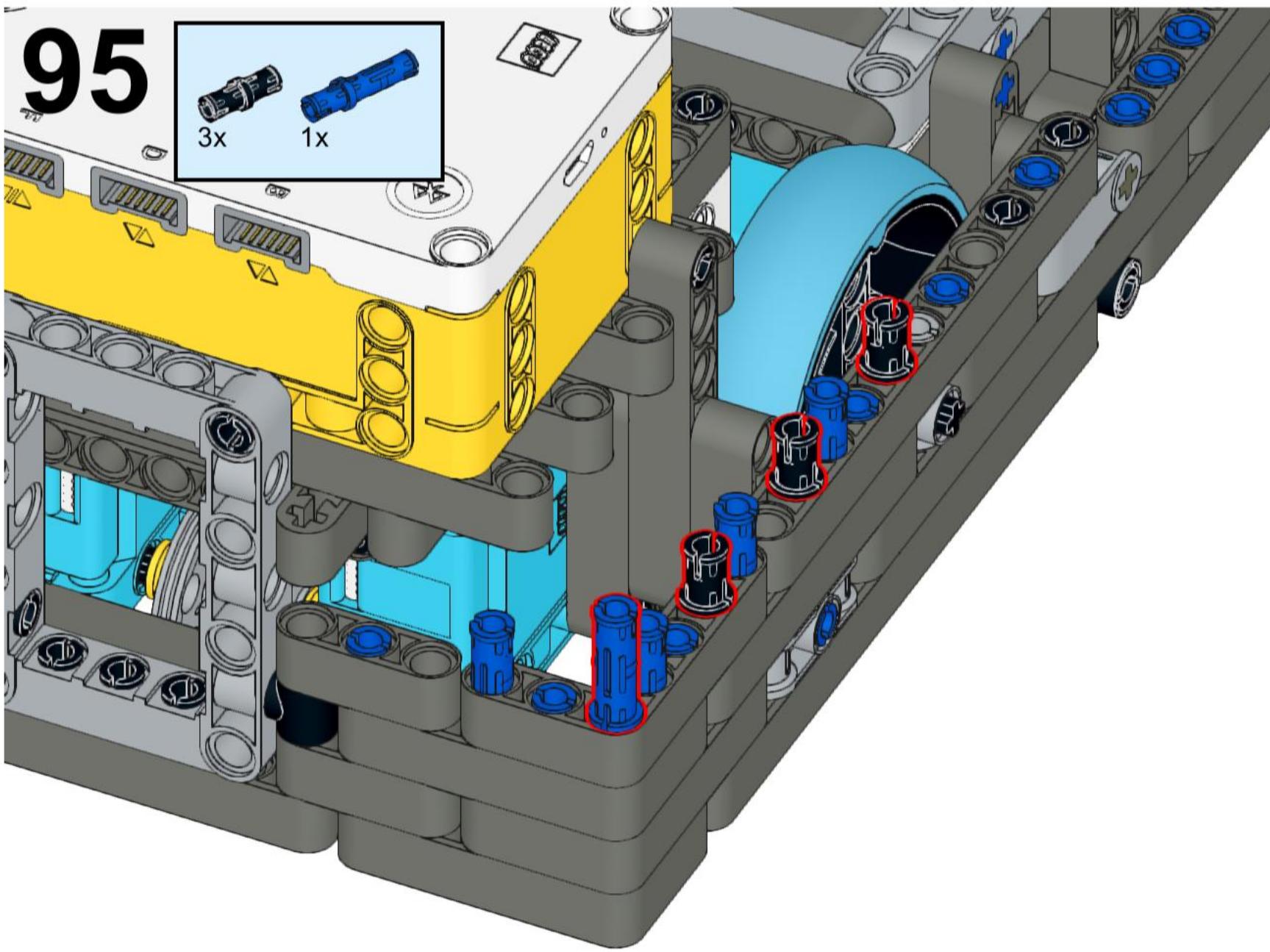
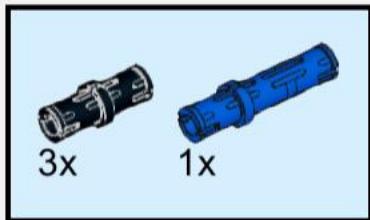


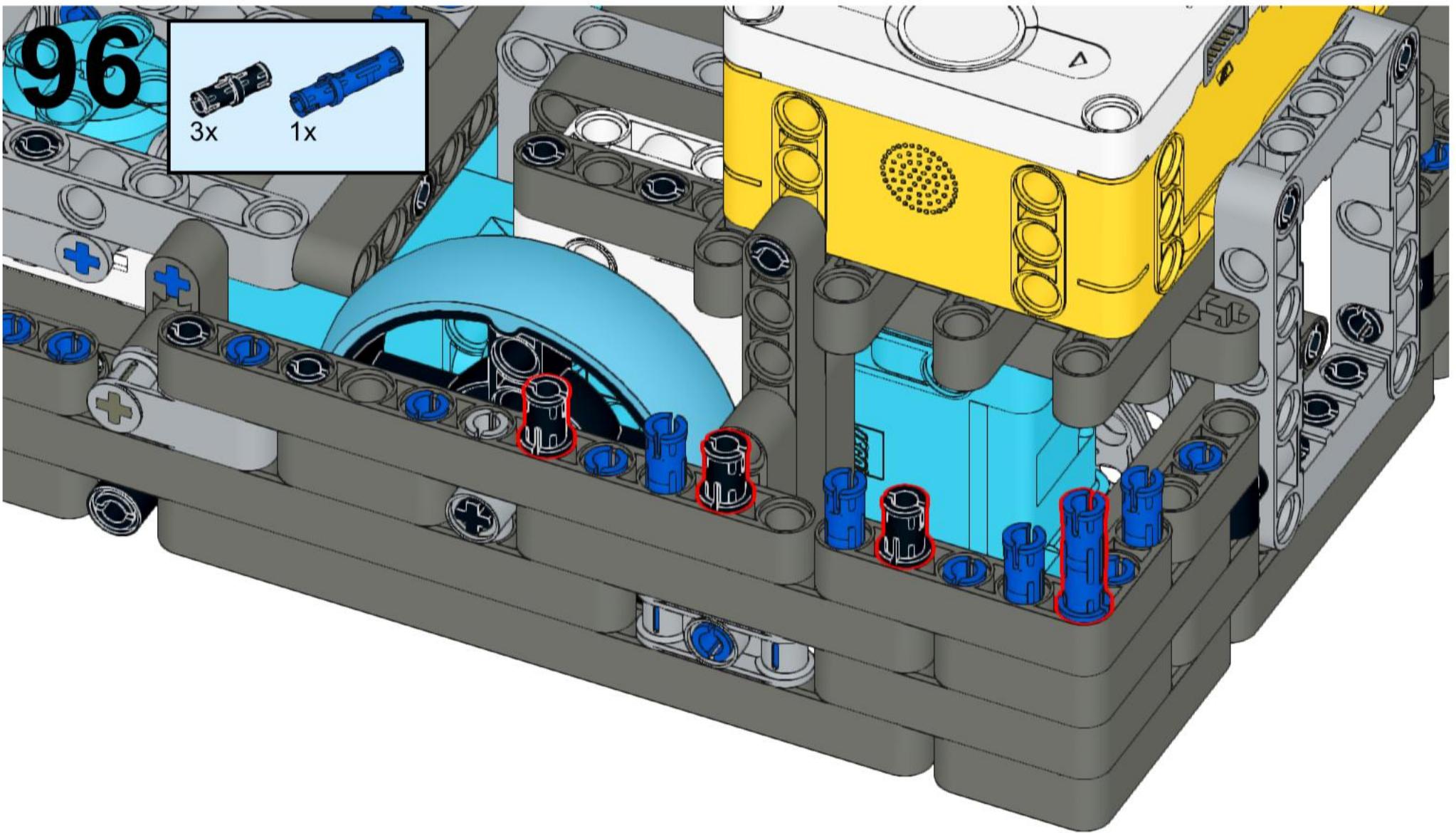
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11 1:1

95

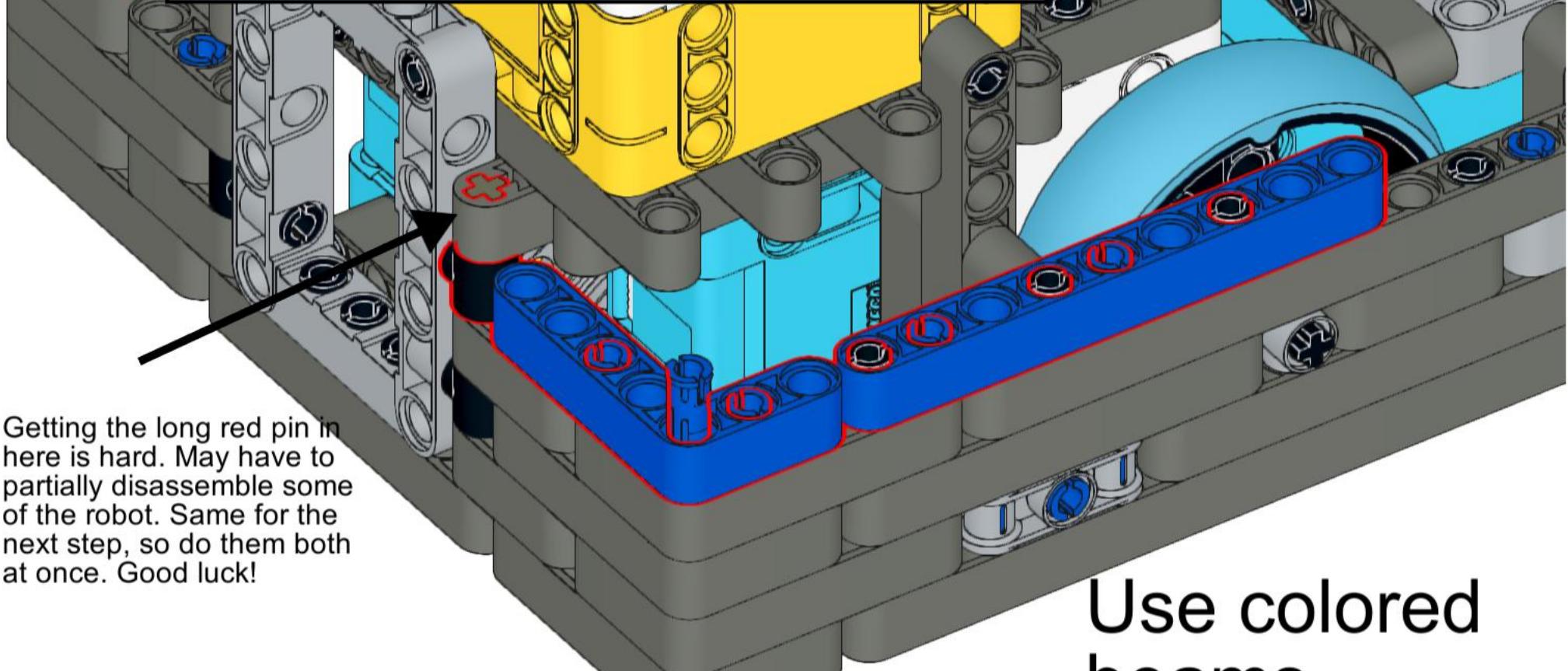
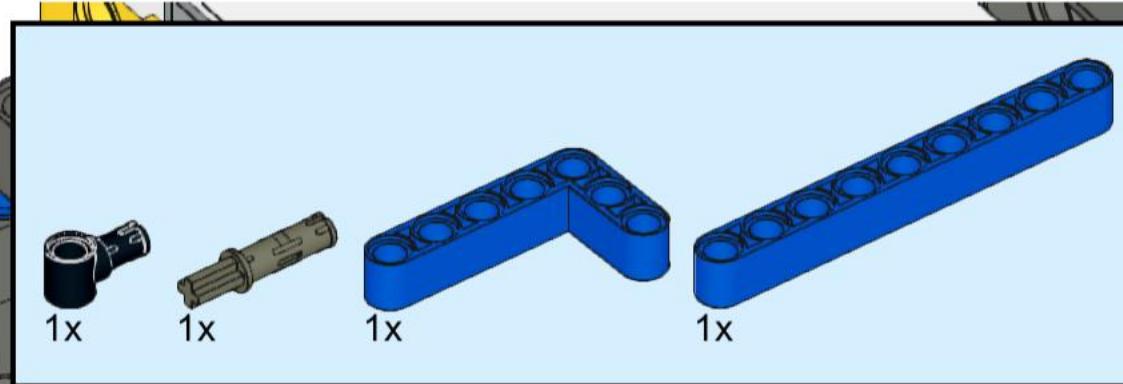




96

3x
1x

97

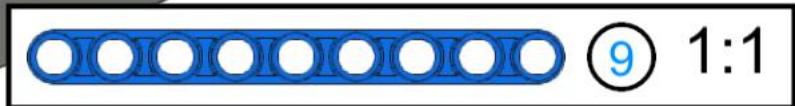
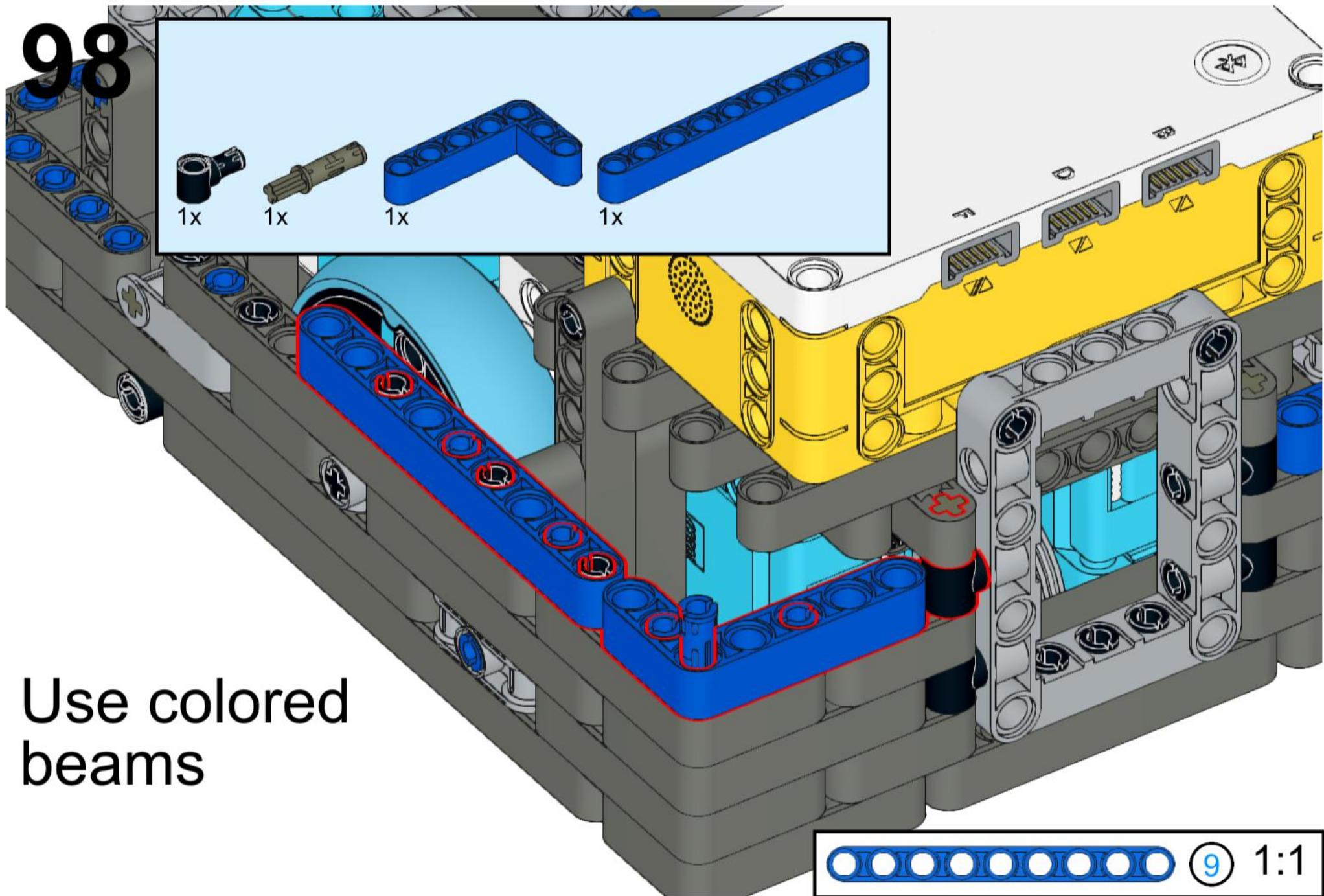
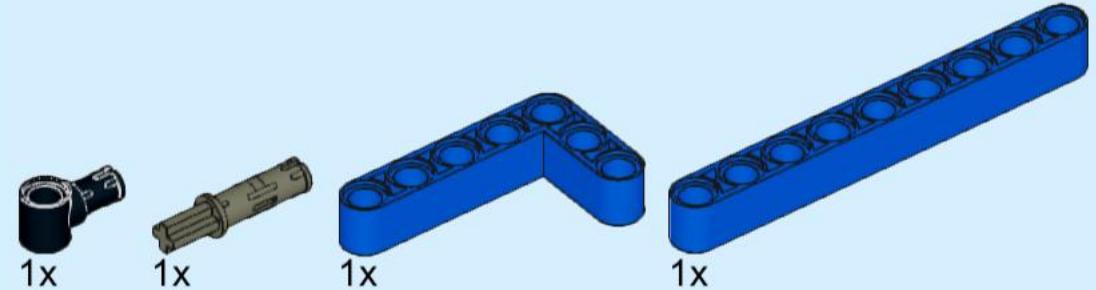


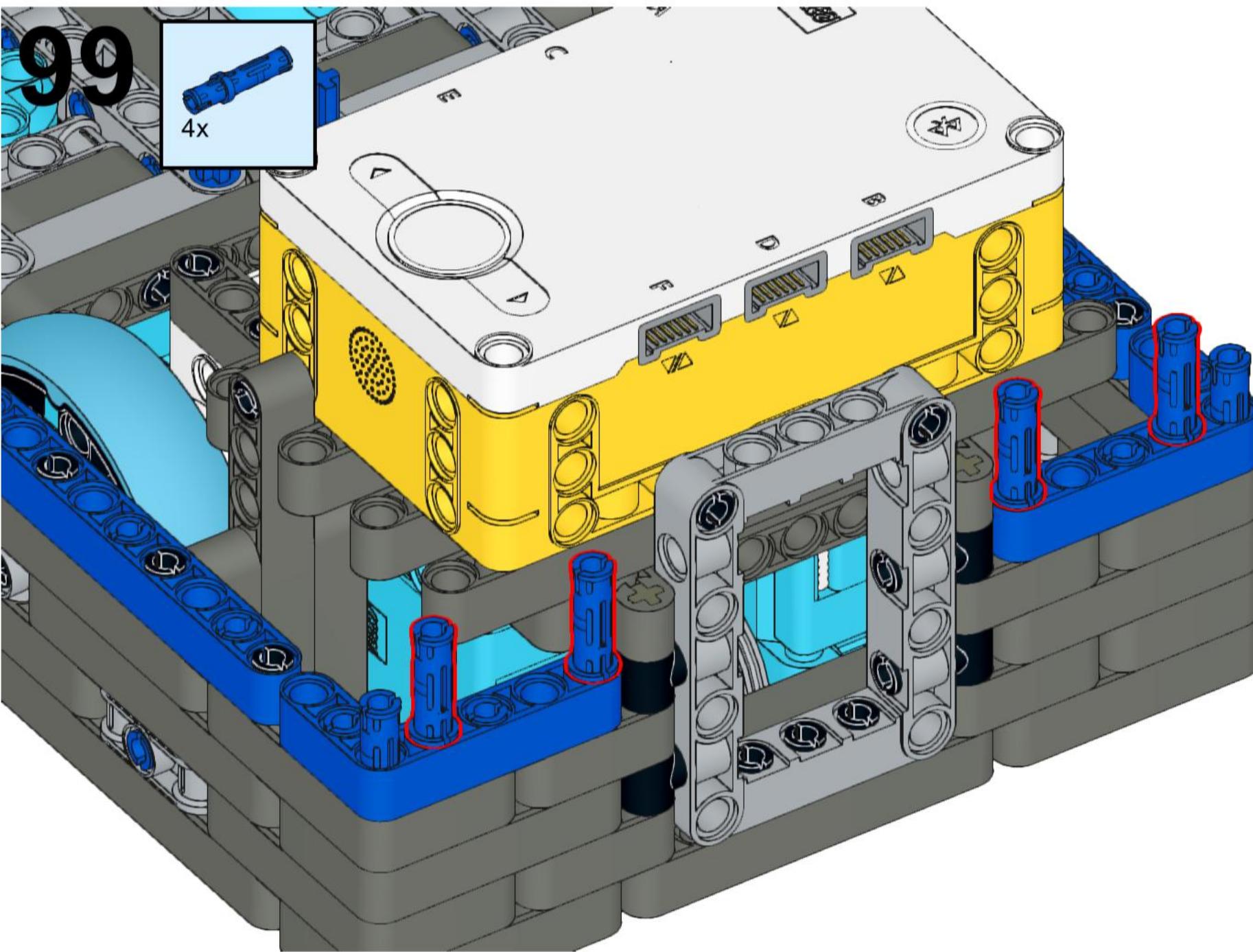
Getting the long red pin in here is hard. May have to partially disassemble some of the robot. Same for the next step, so do them both at once. Good luck!

Use colored beams.



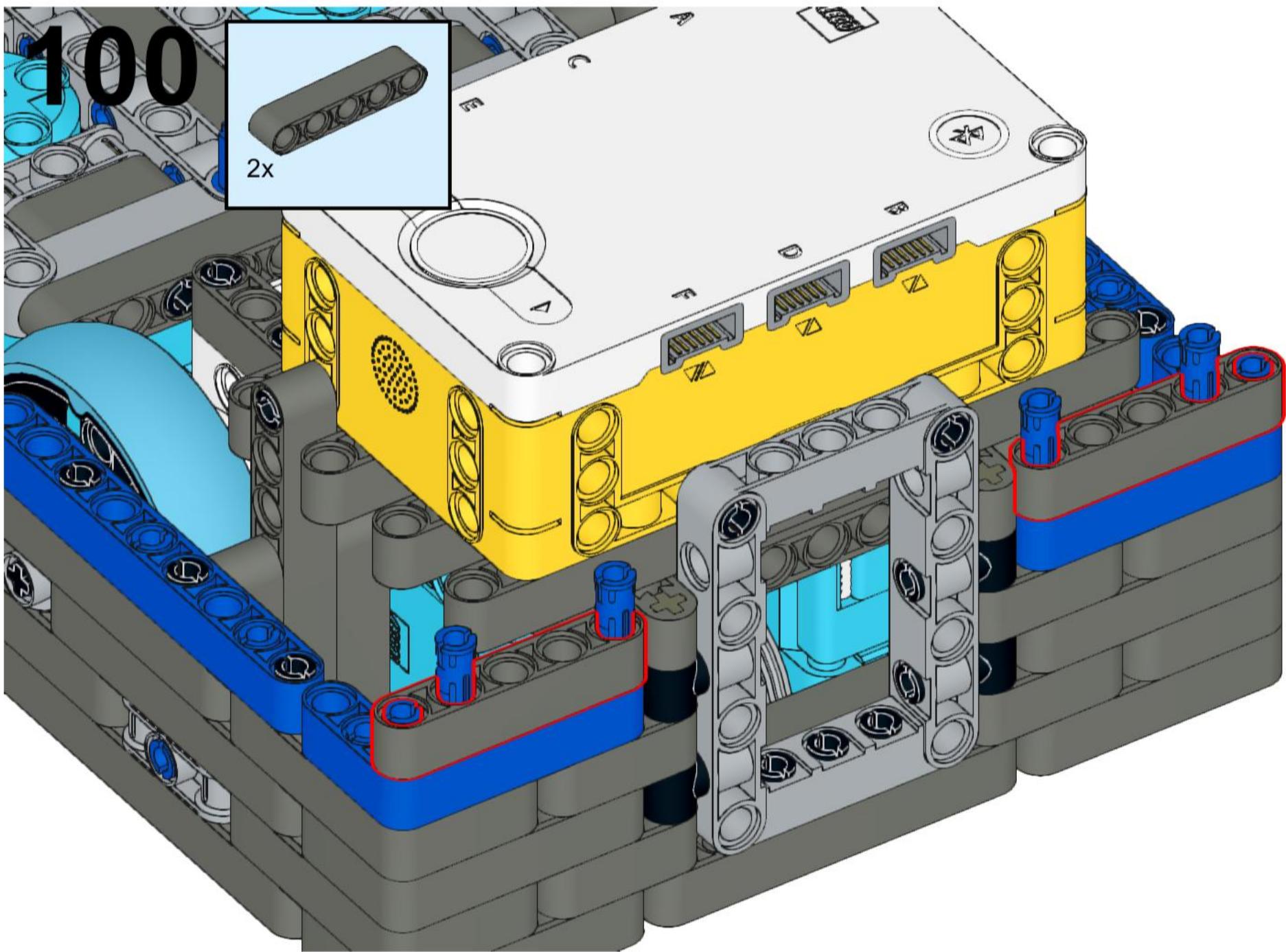
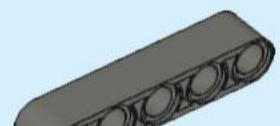
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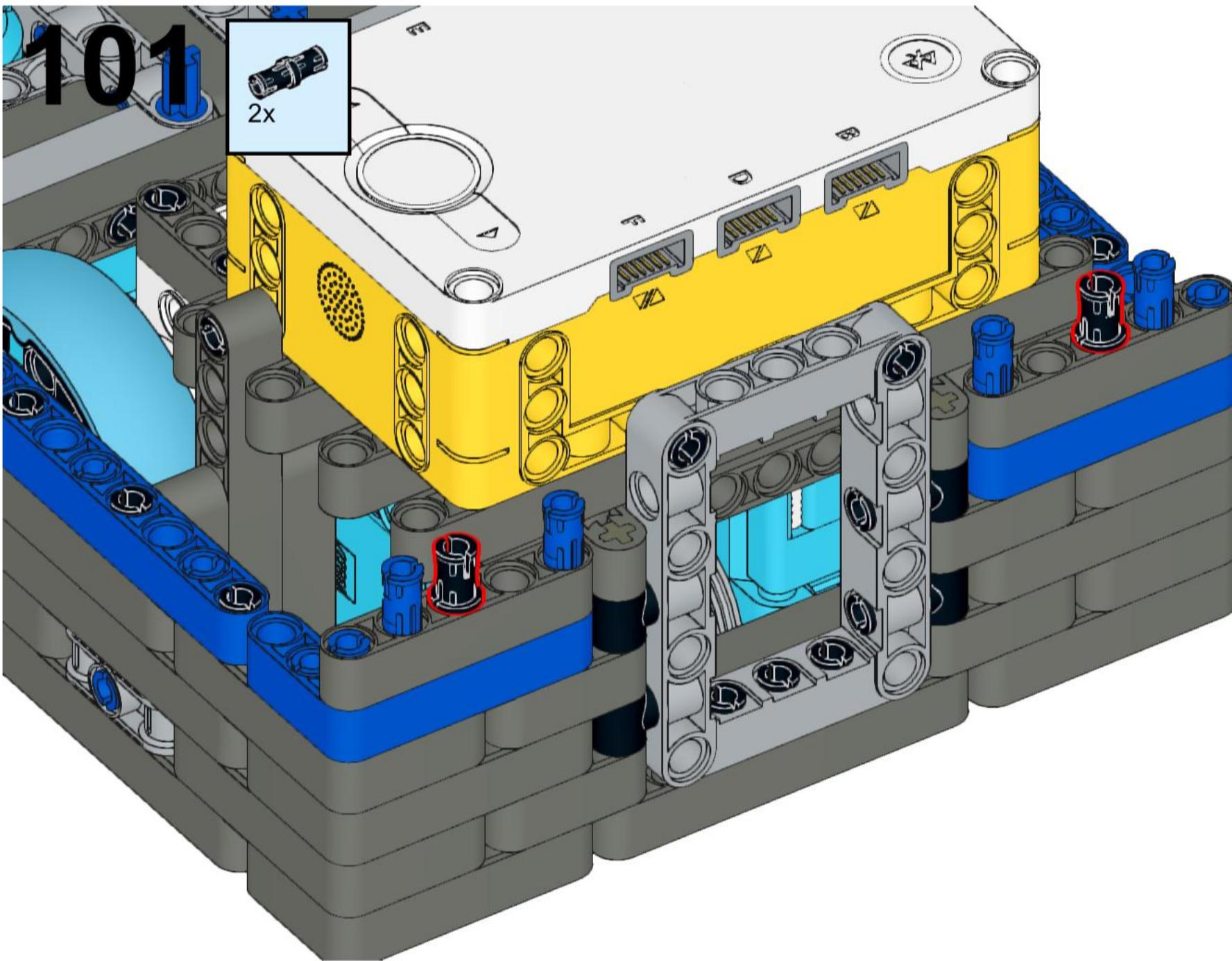


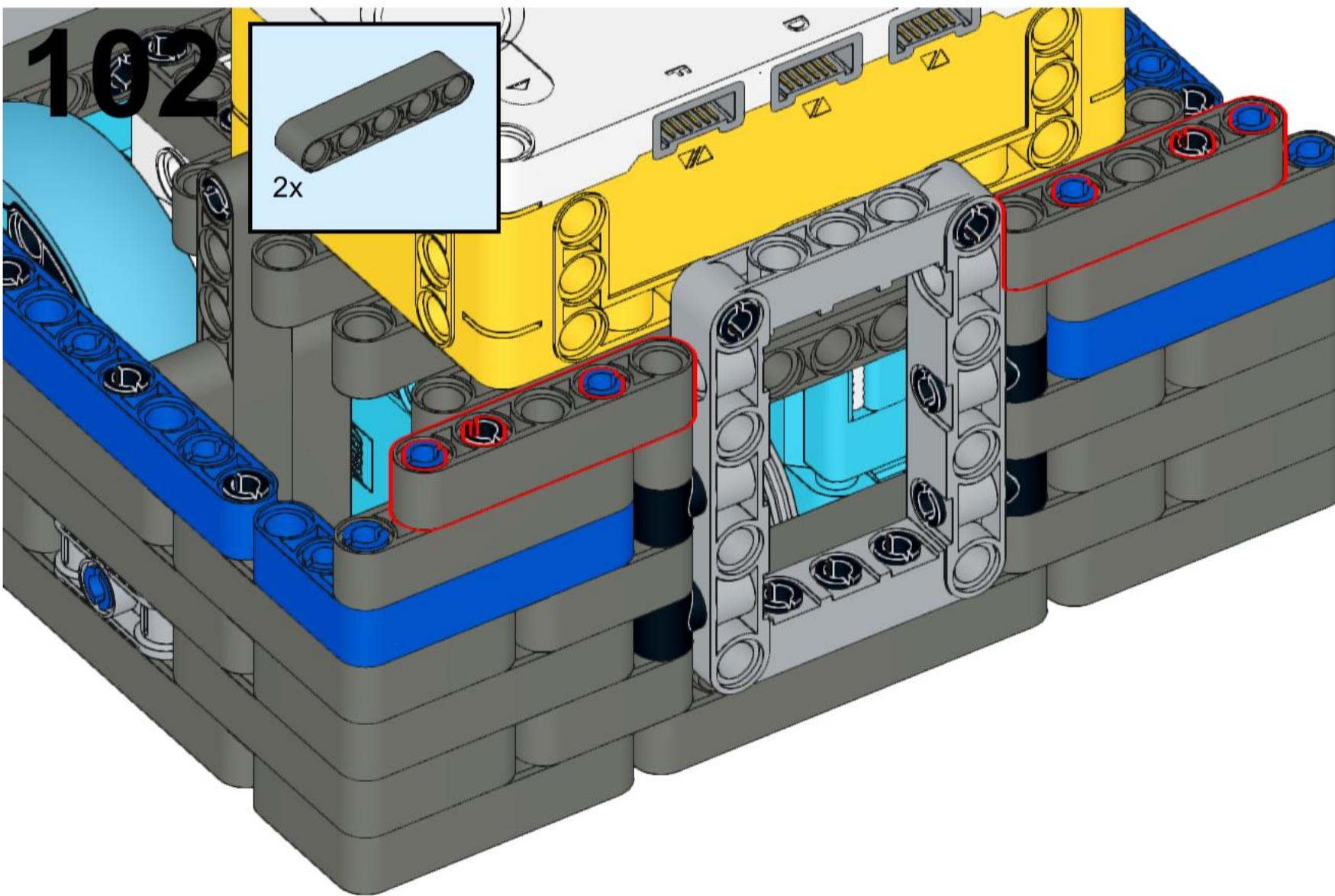


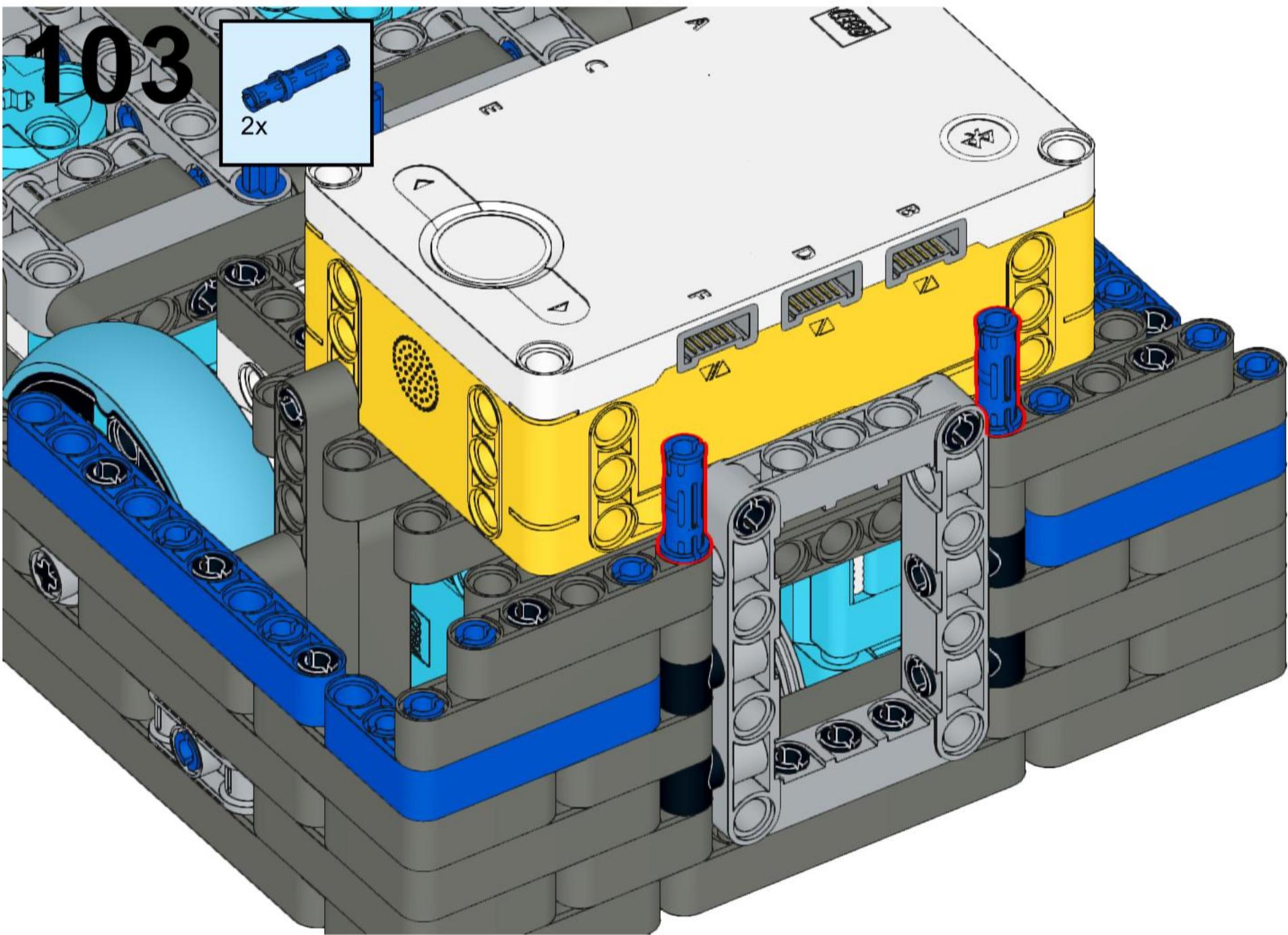
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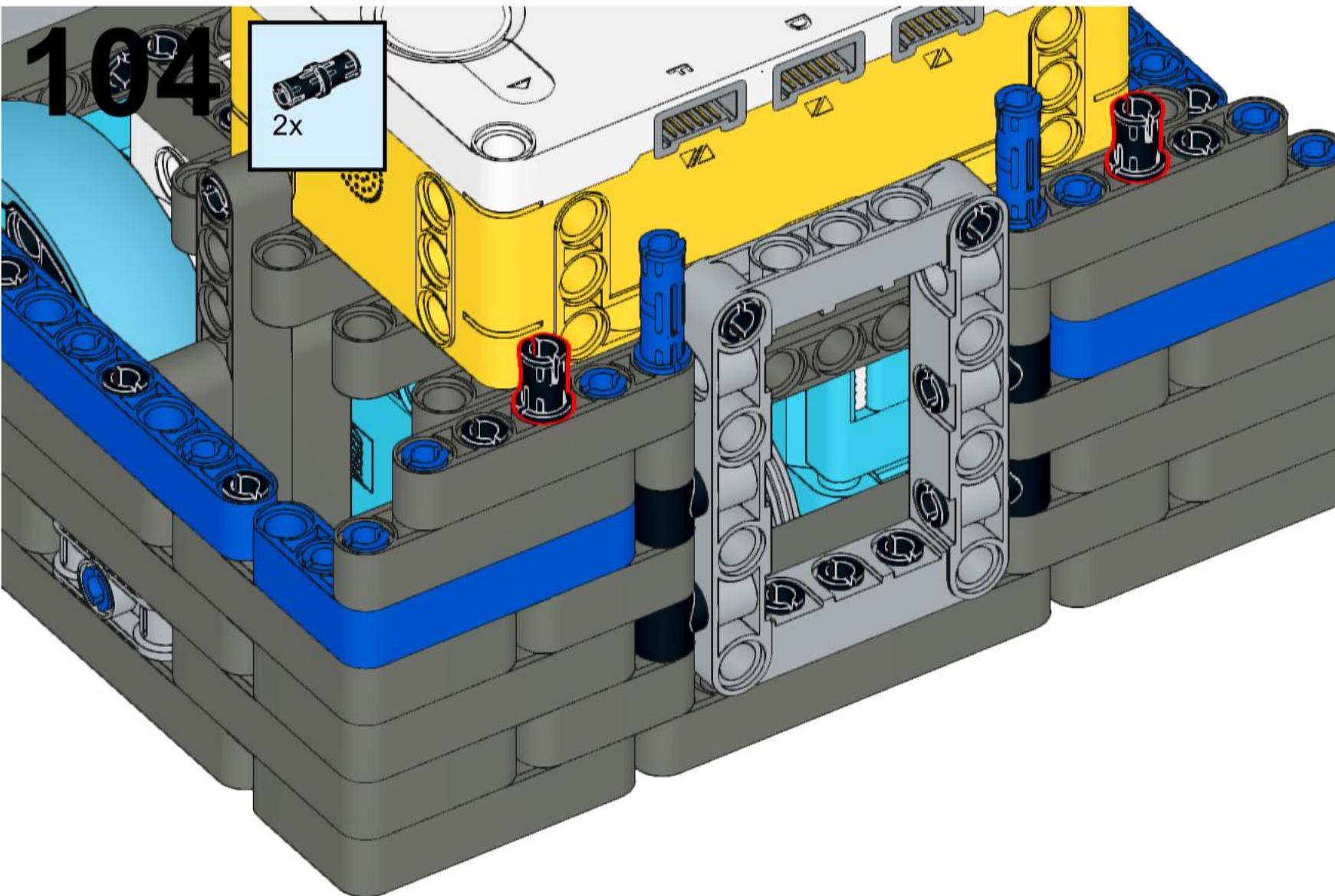
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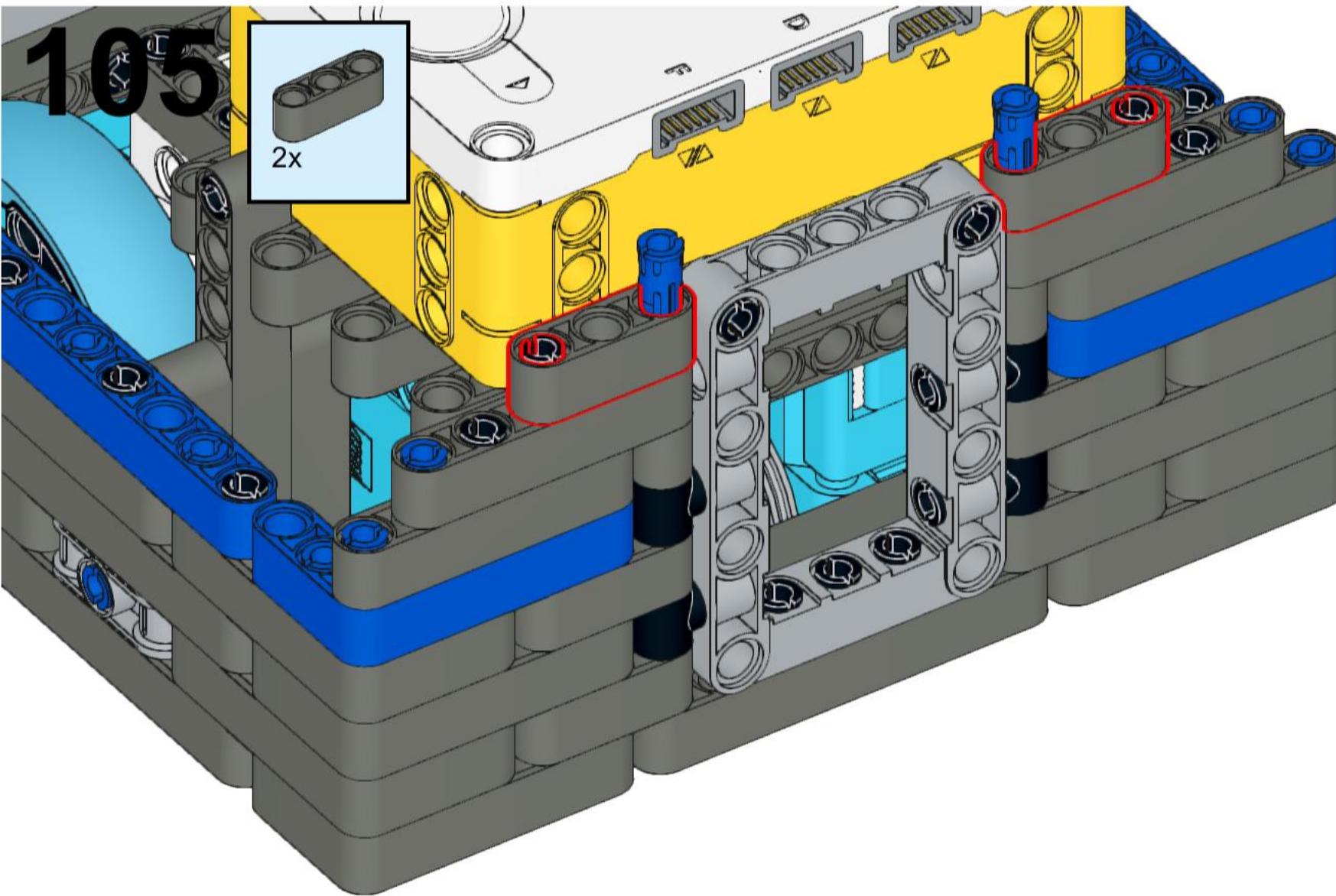




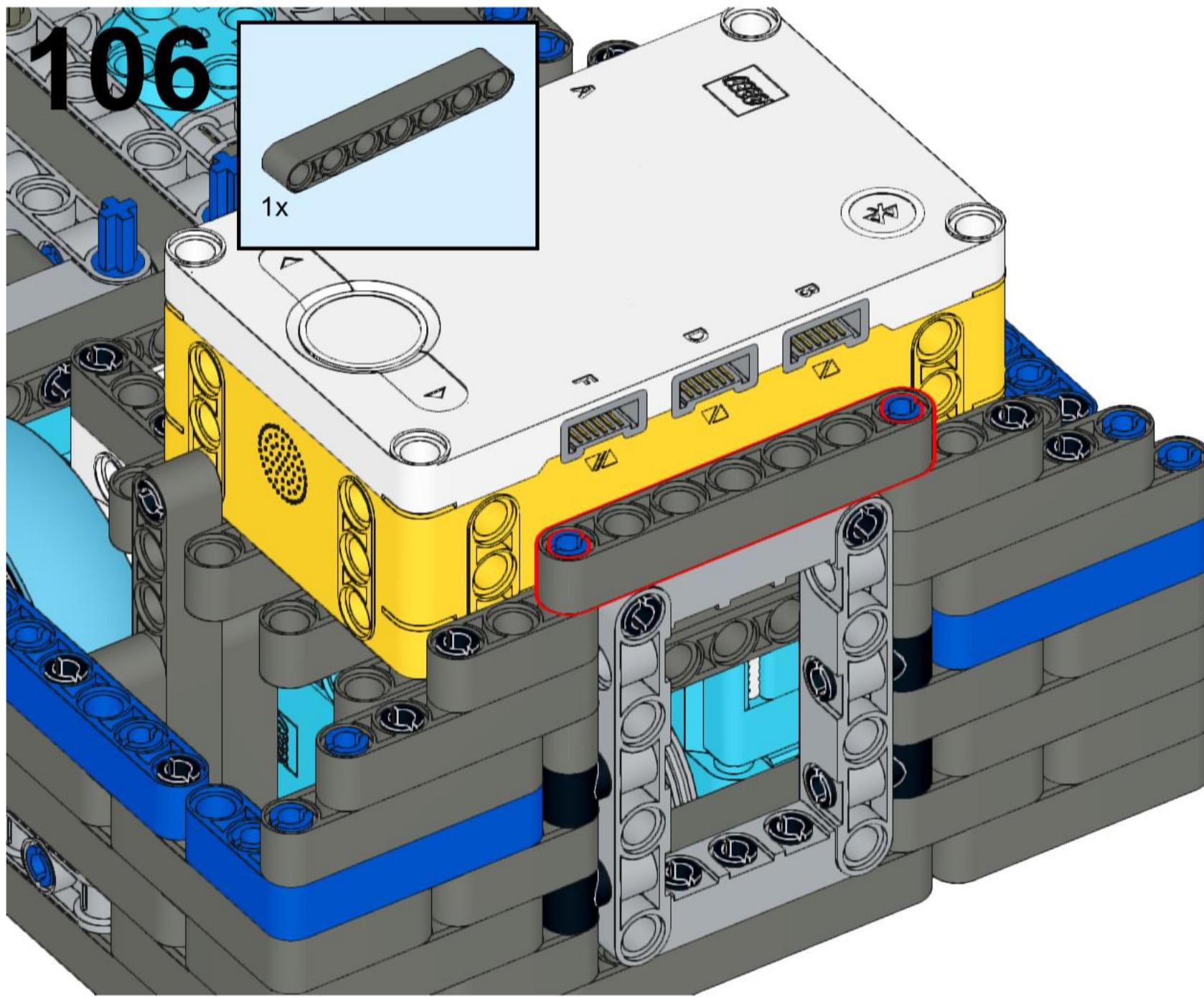
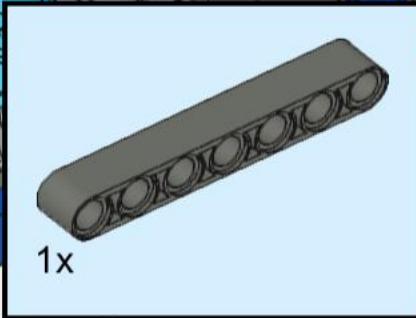




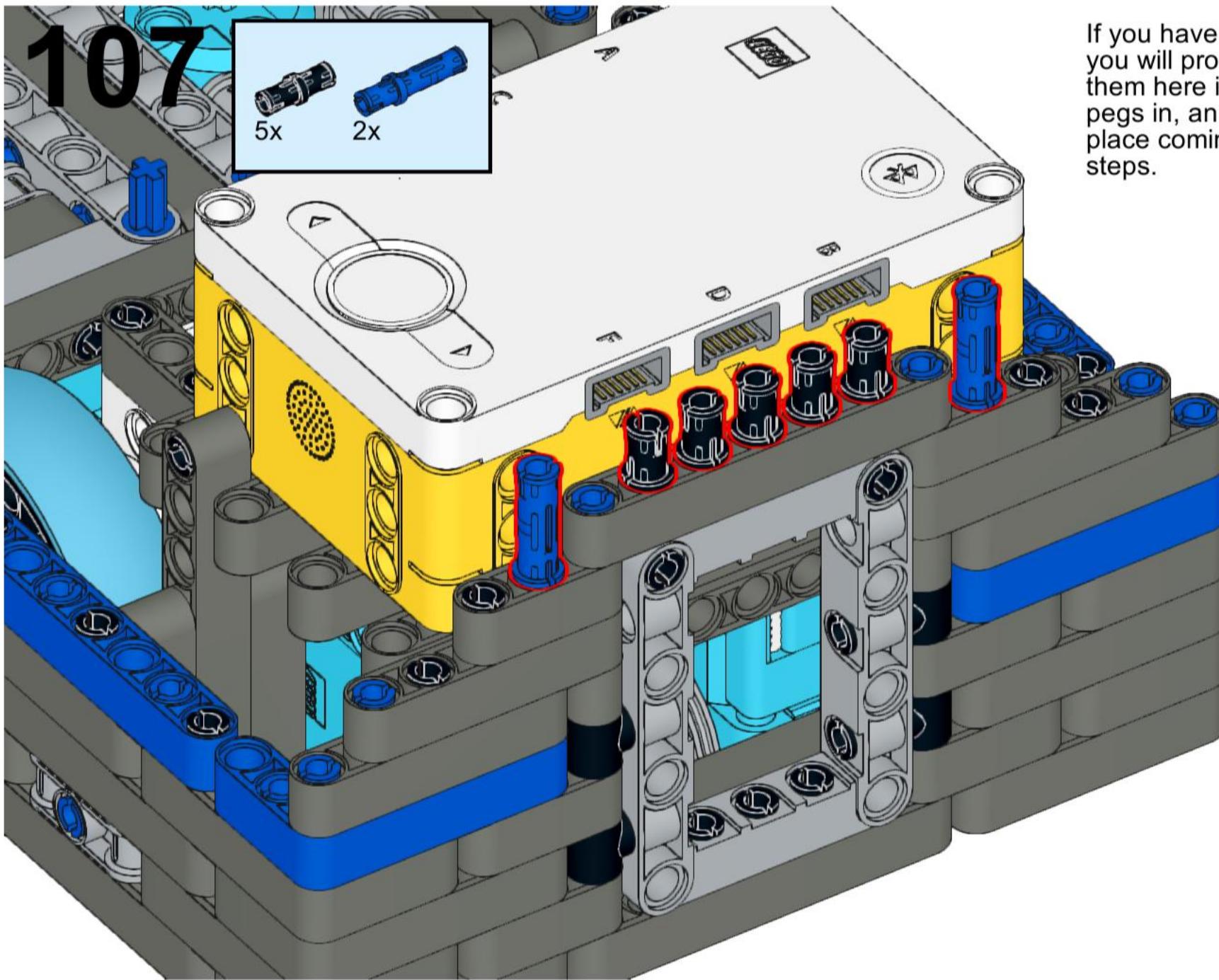
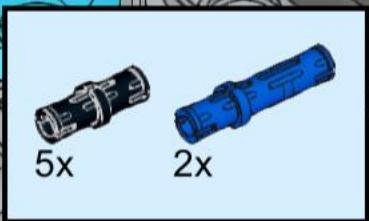




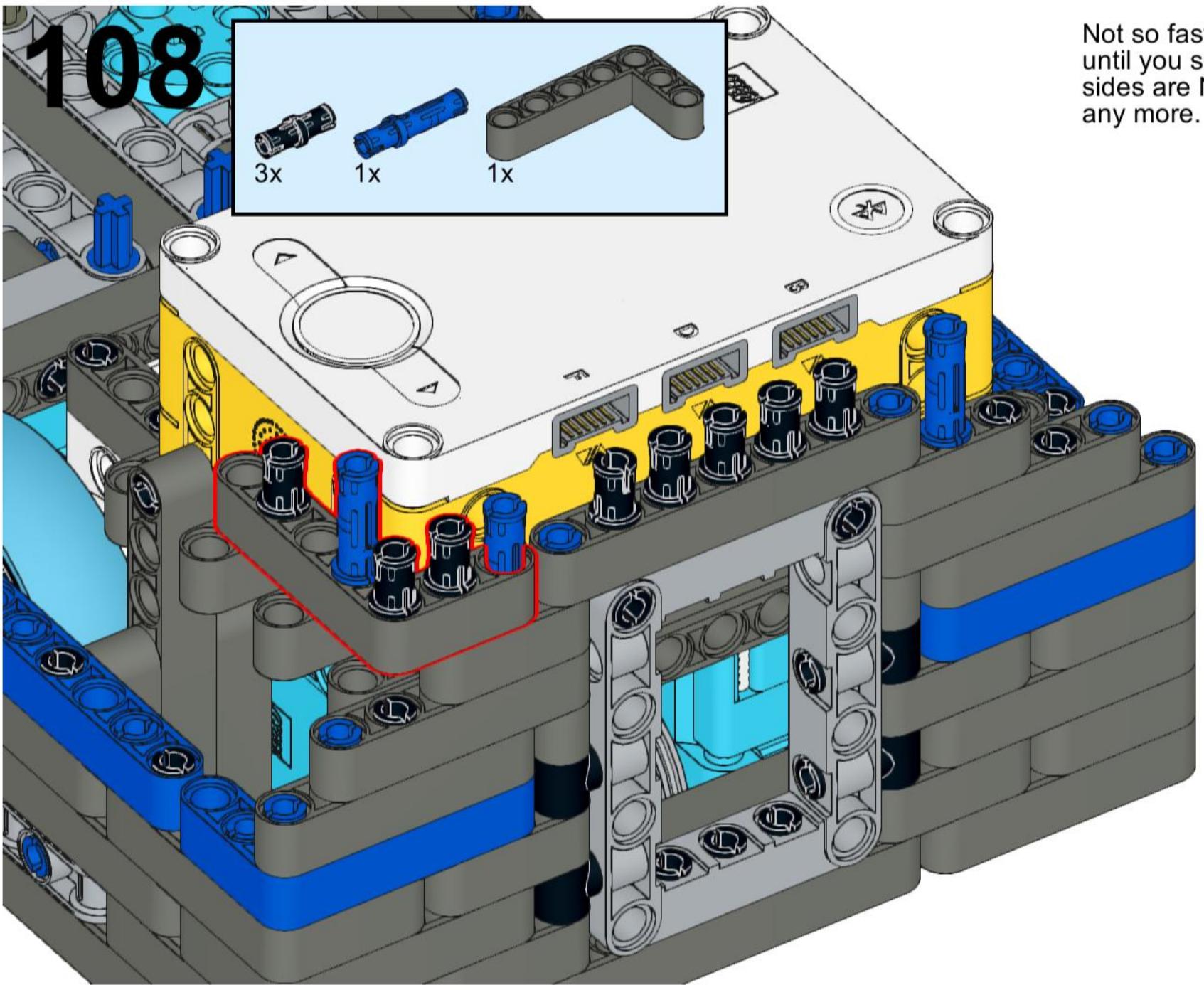
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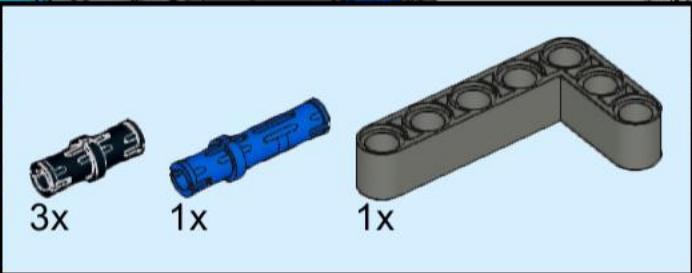
107



If you have plugged the wires in, you will probably want to unplug them here in order to get these pegs in, and to get the beam in place coming up in a couple of steps.

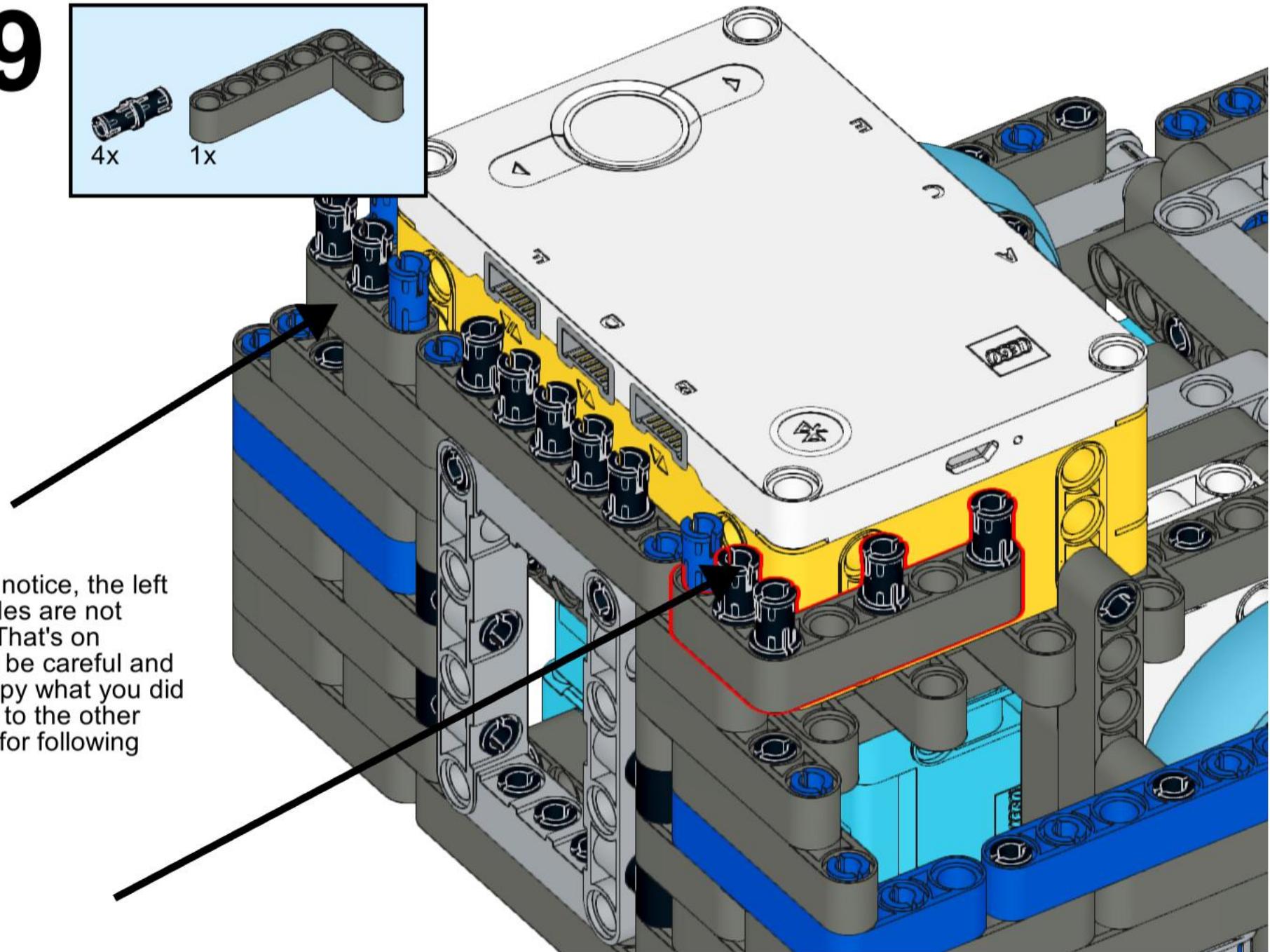
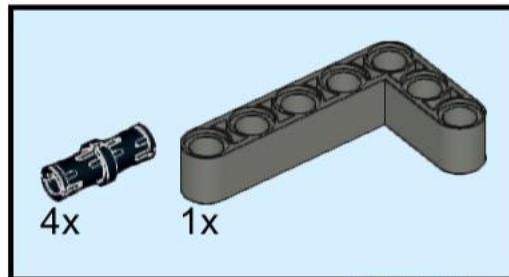


108



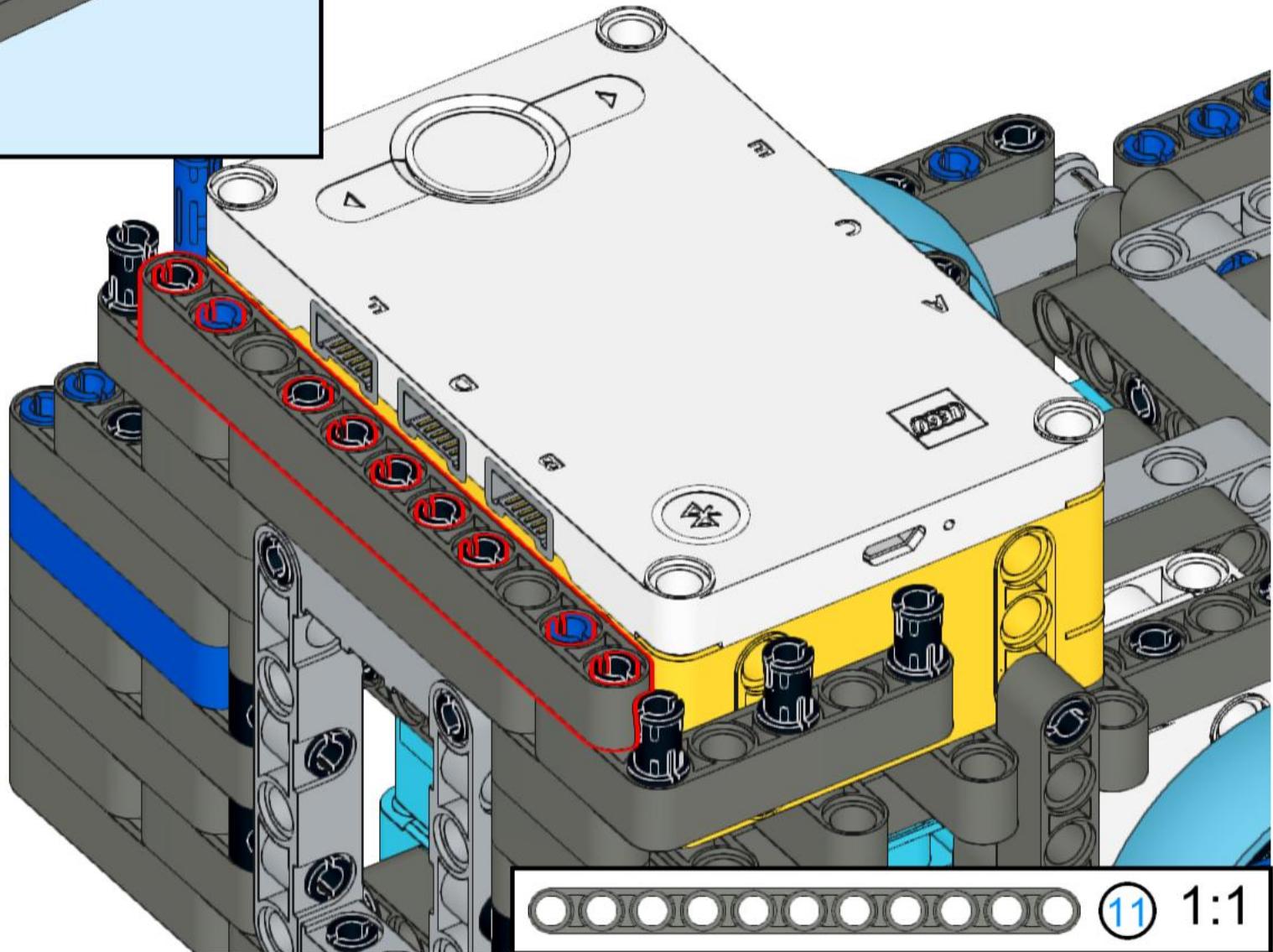
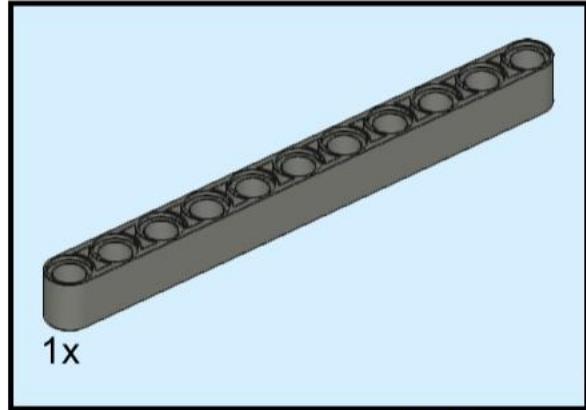
Not so fast! Don't go ahead until you see the next step. The sides are NOT SYMMETRIC any more.

109

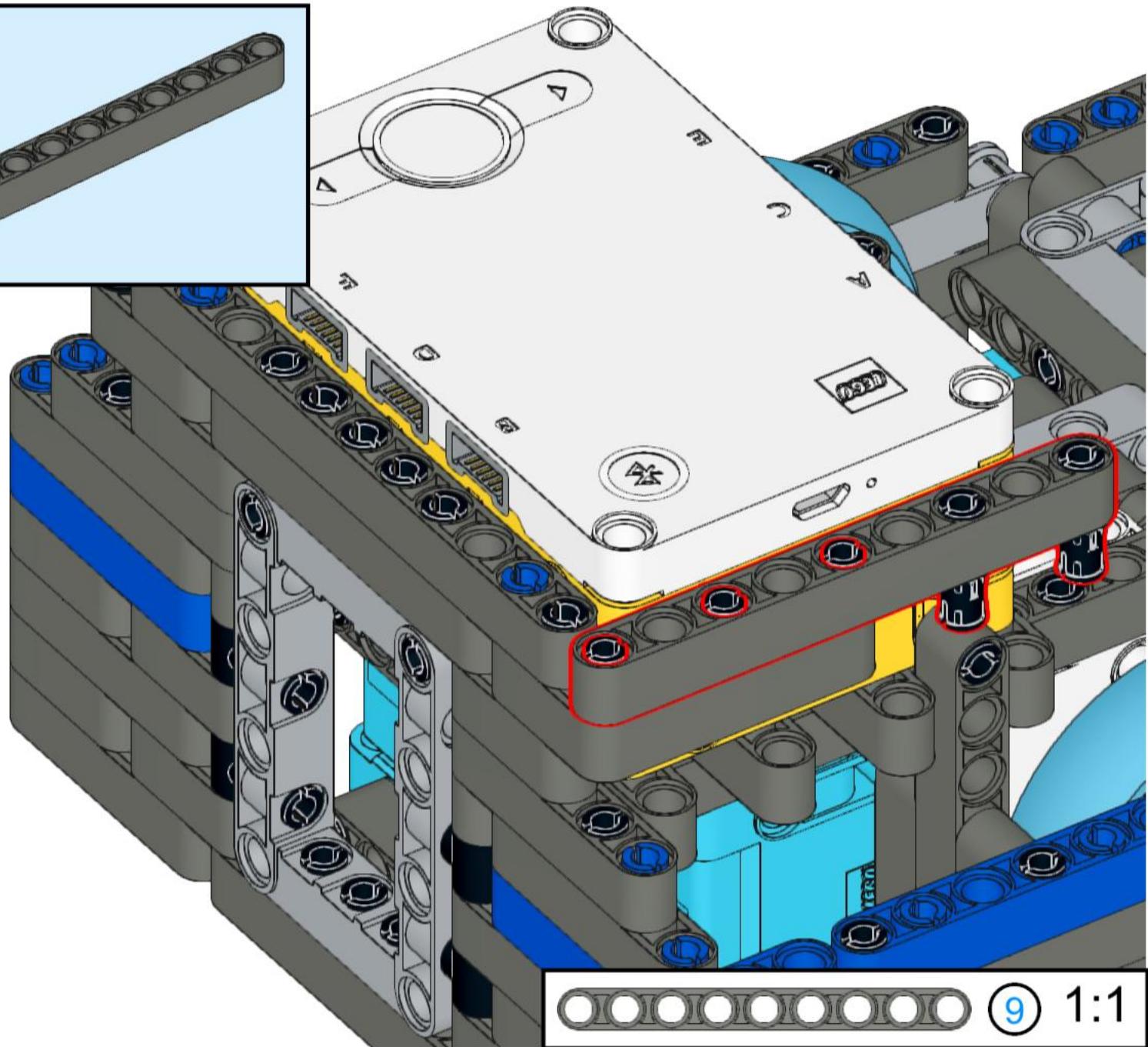
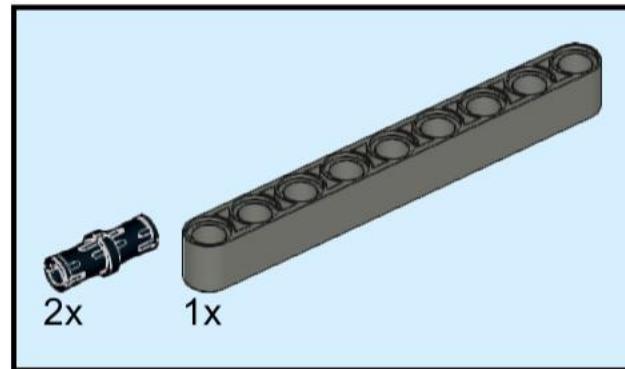


If you didn't notice, the left and right sides are not symmetric. That's on purpose, so be careful and don't just copy what you did on one side to the other side. Same for following steps.

110

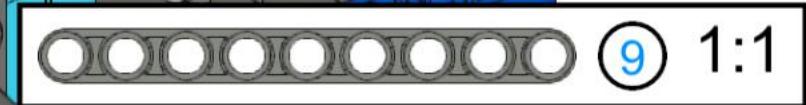
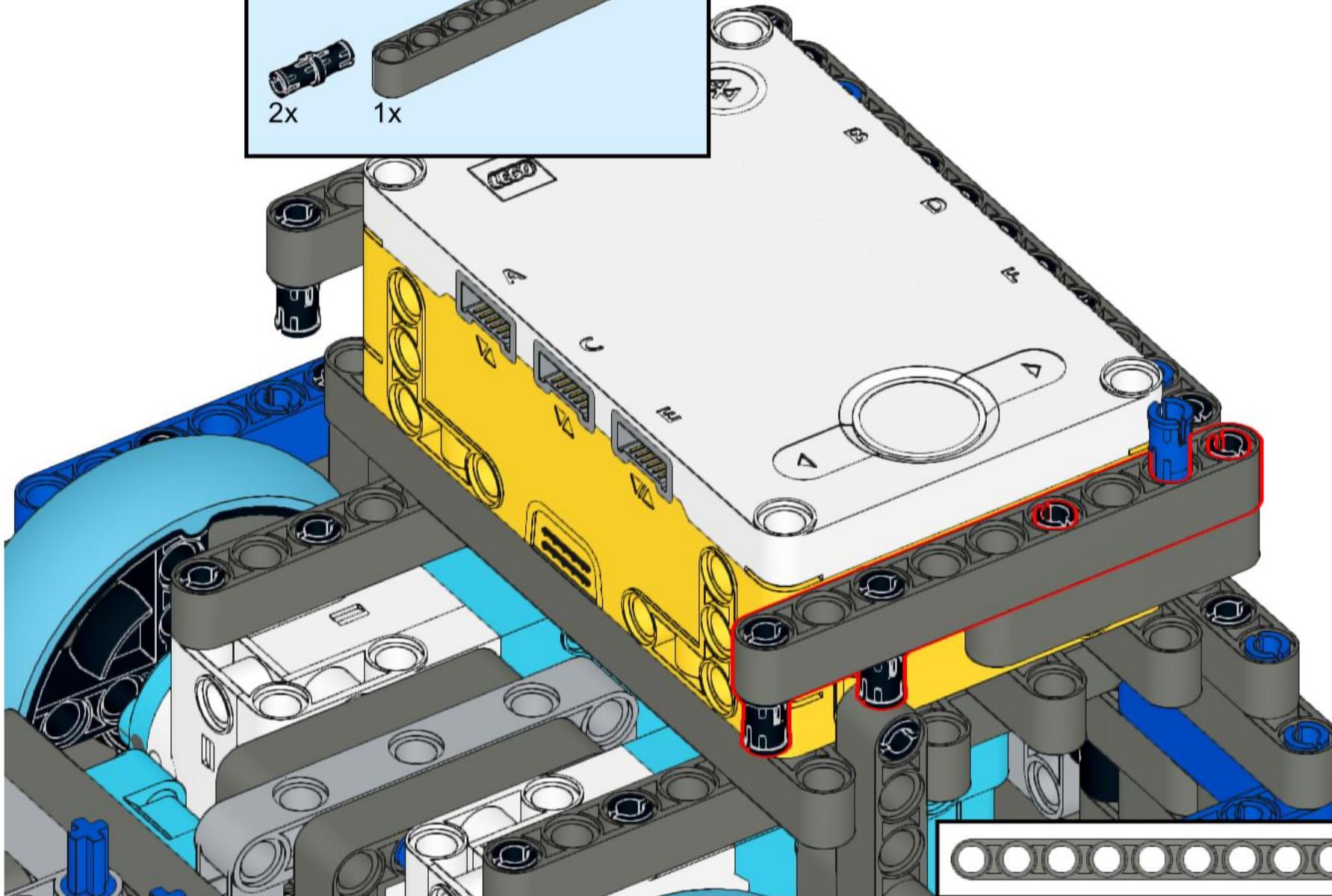
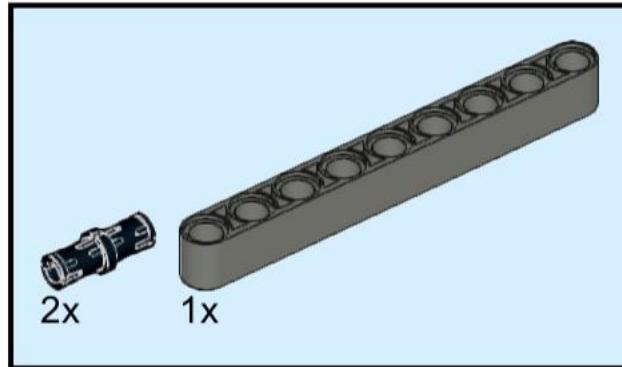


111

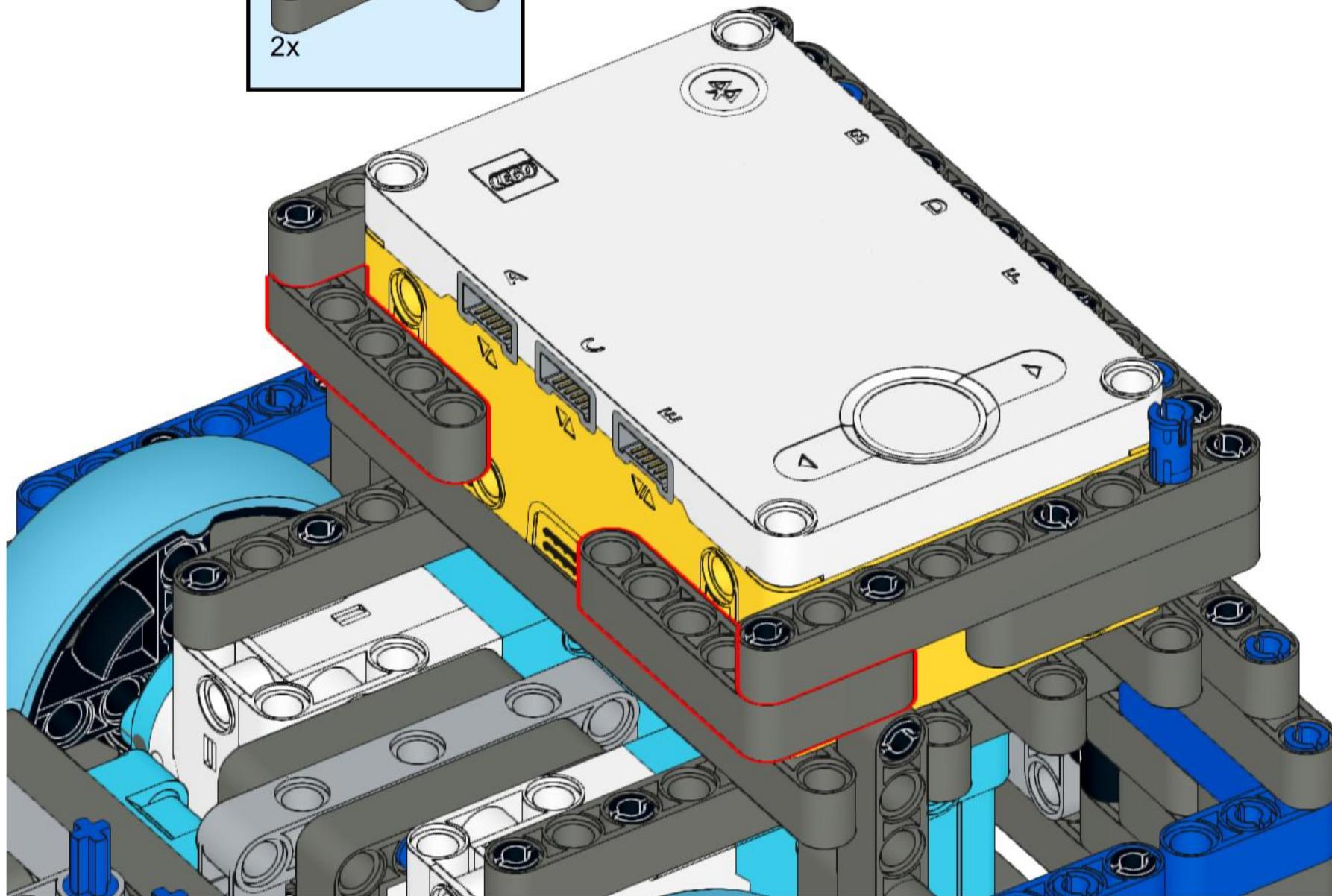
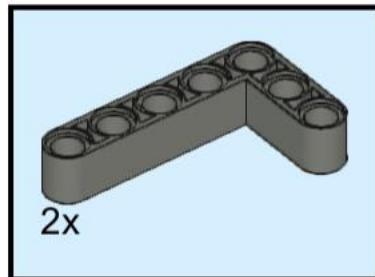


9 1:1

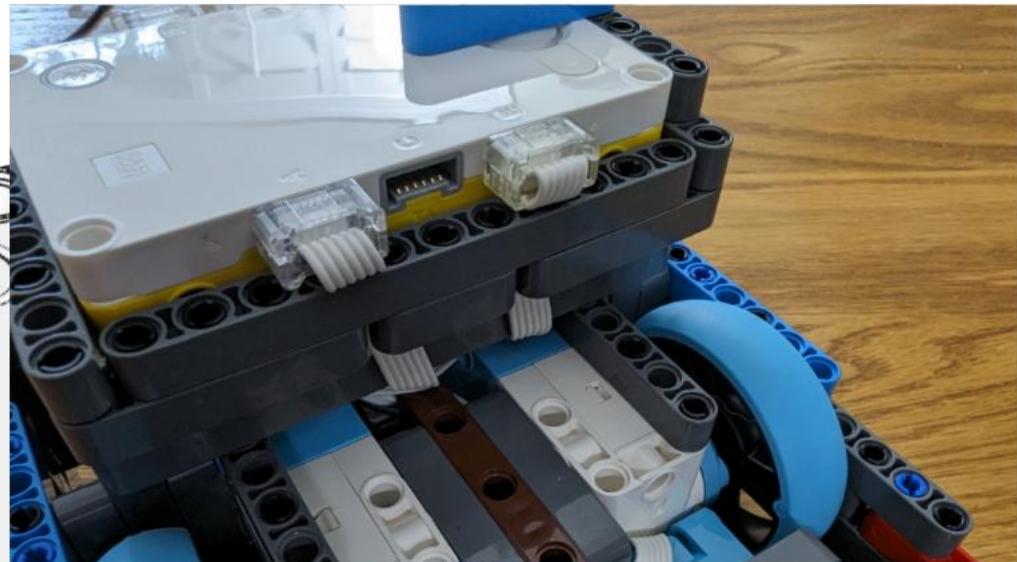
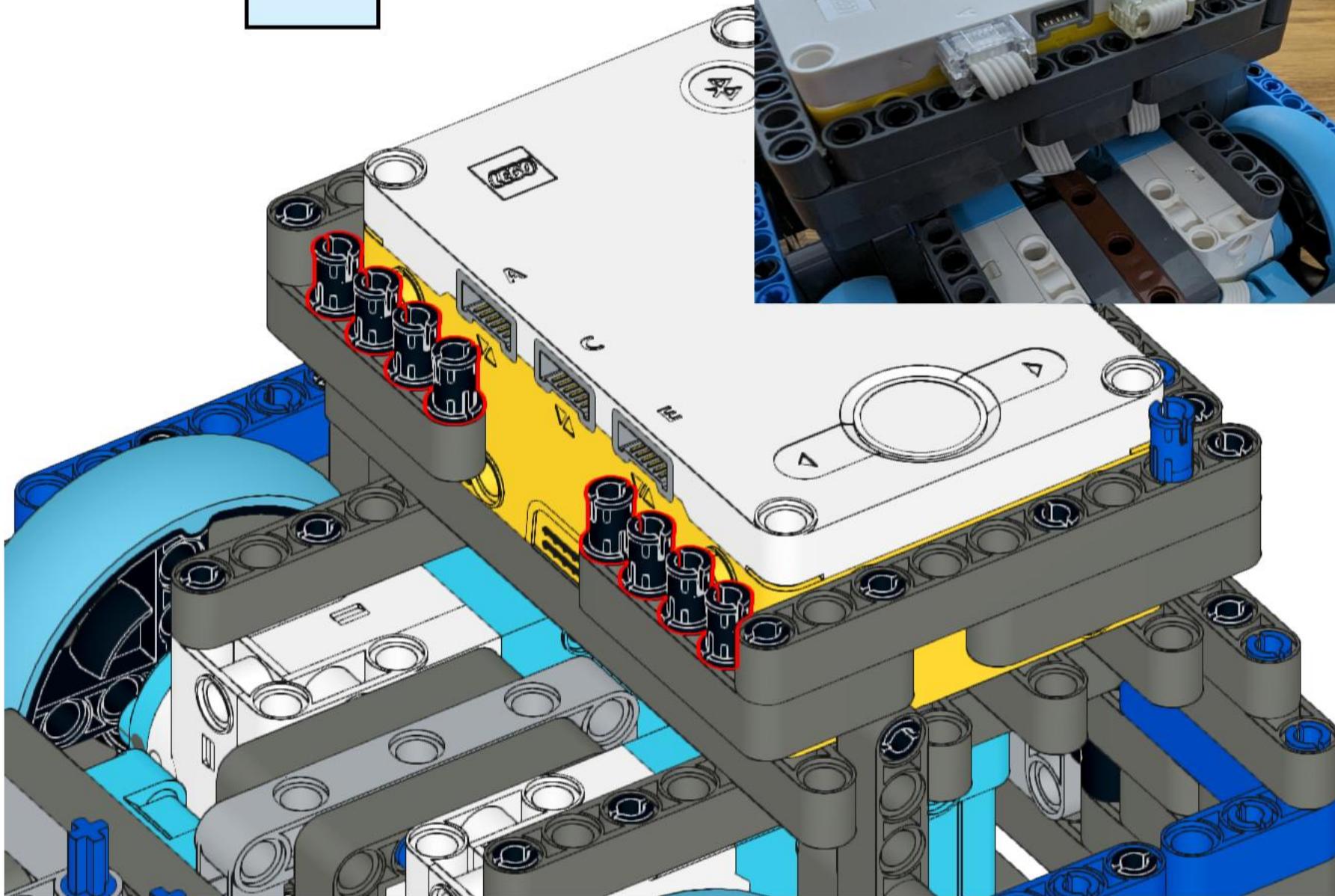
112



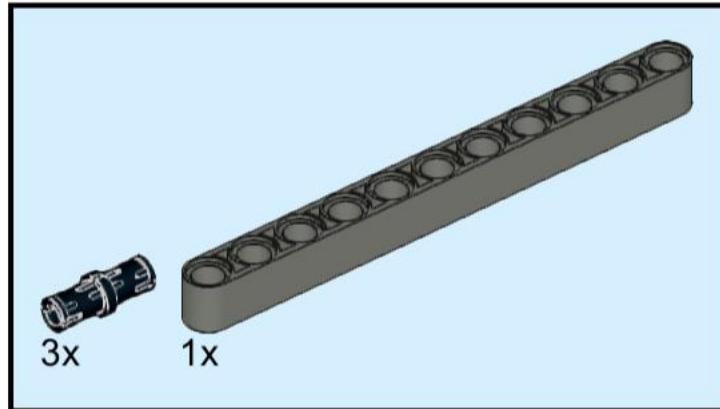
113



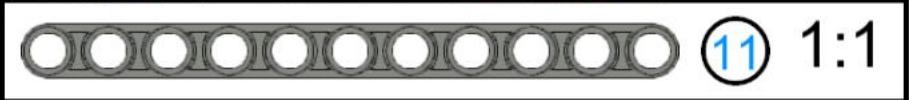
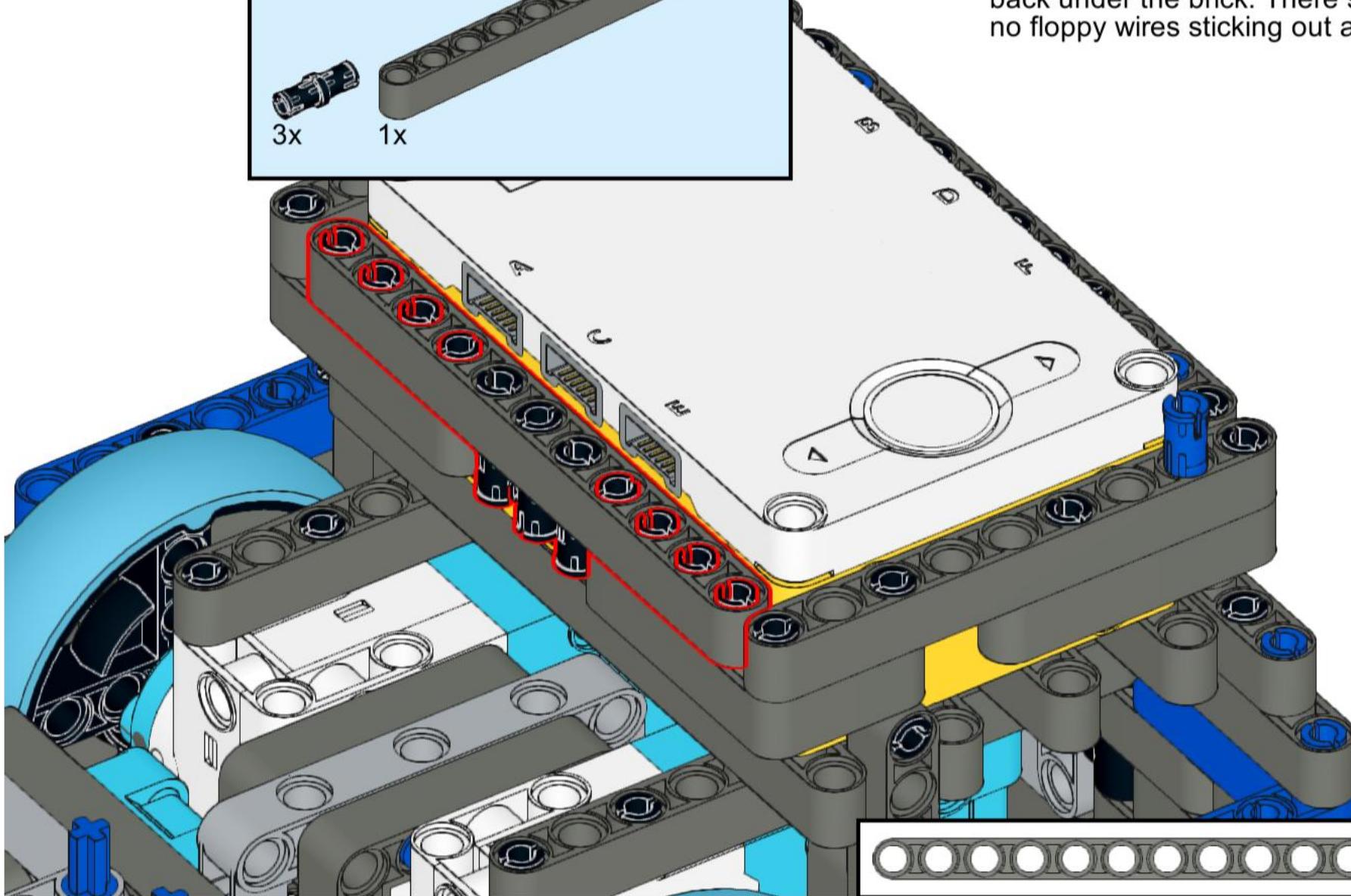
114



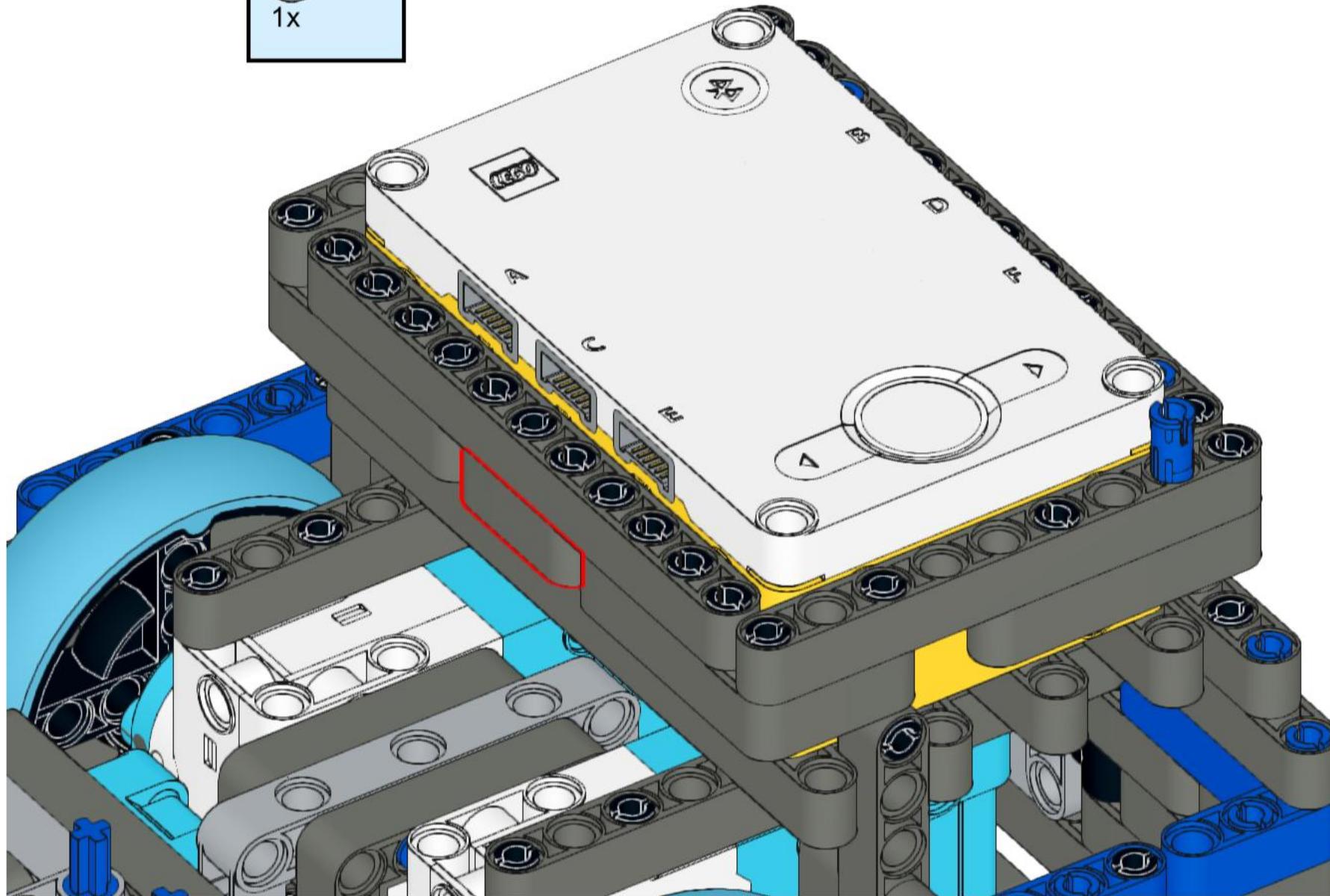
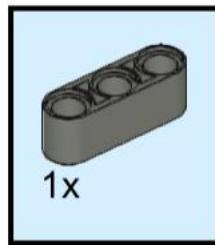
115



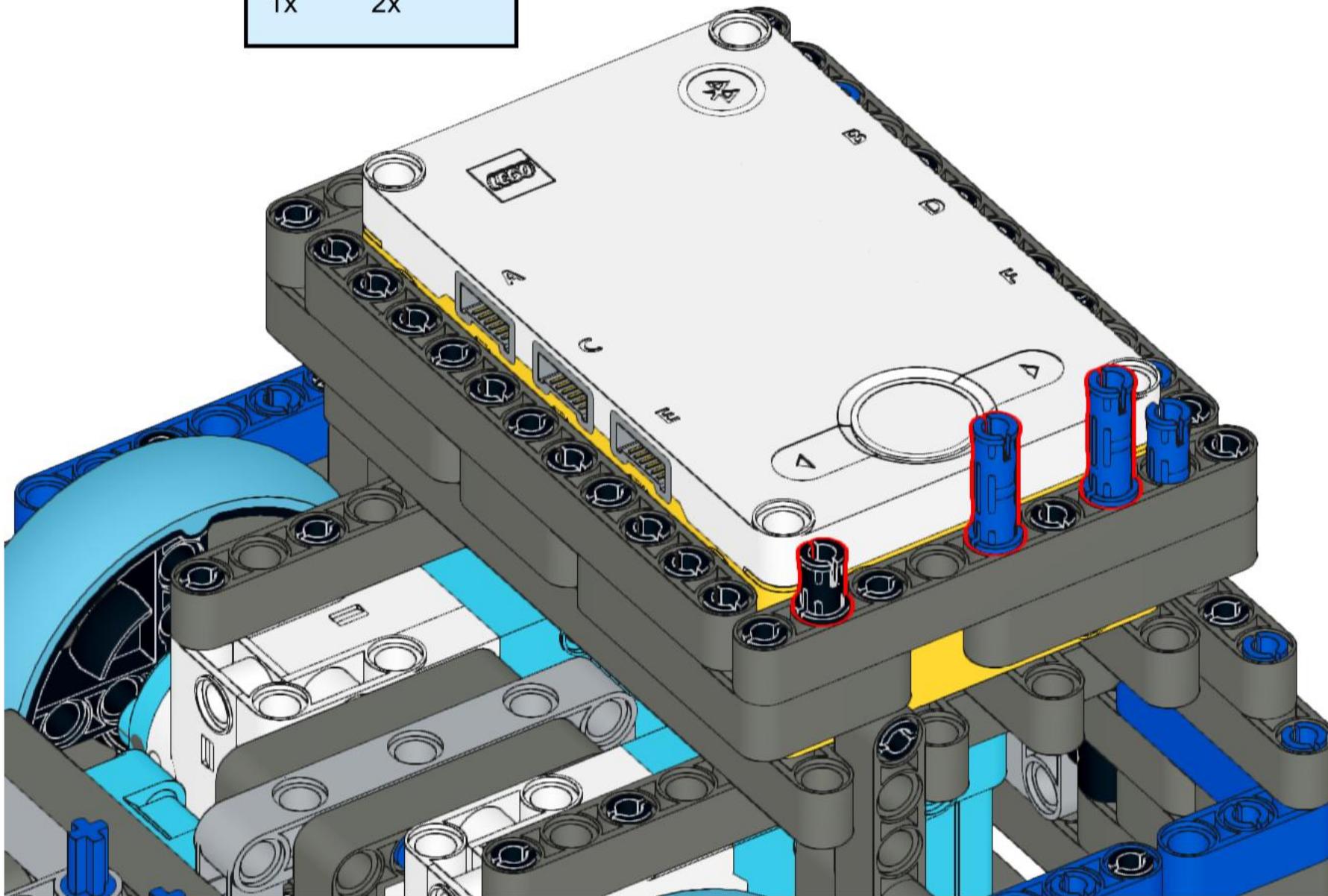
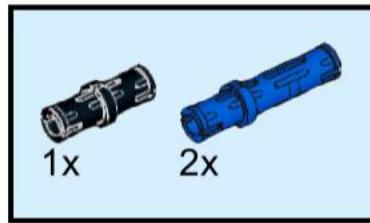
Again, you may need to unplug the wires temporarily to get this beam in place. Once you have it done, carefully get all of the wires tucked back under the brick. There should be no floppy wires sticking out anywhere.



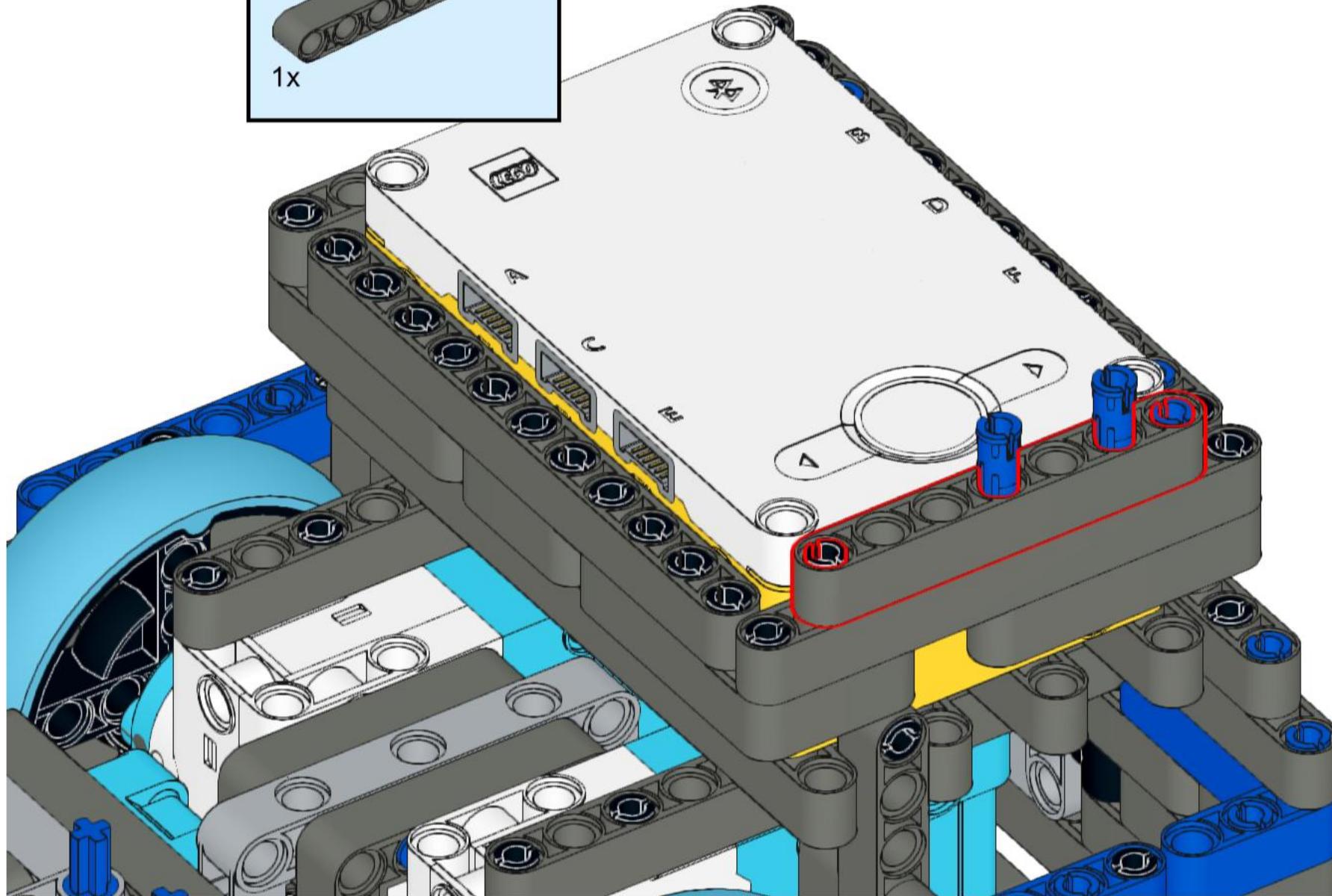
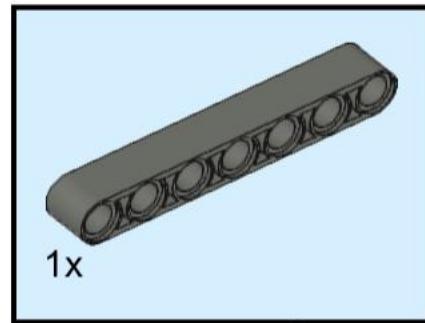
116



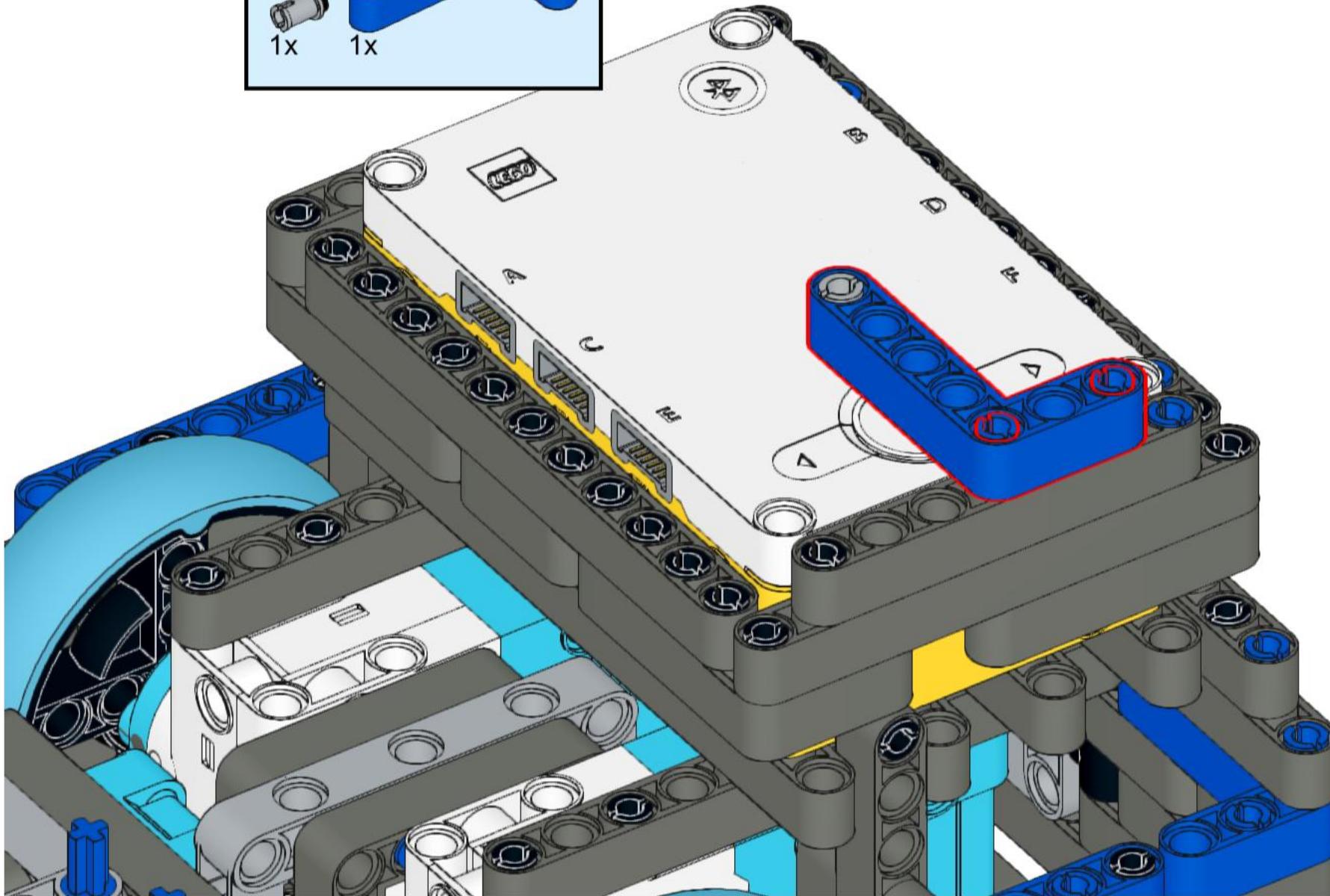
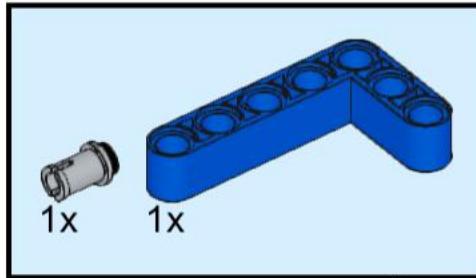
117



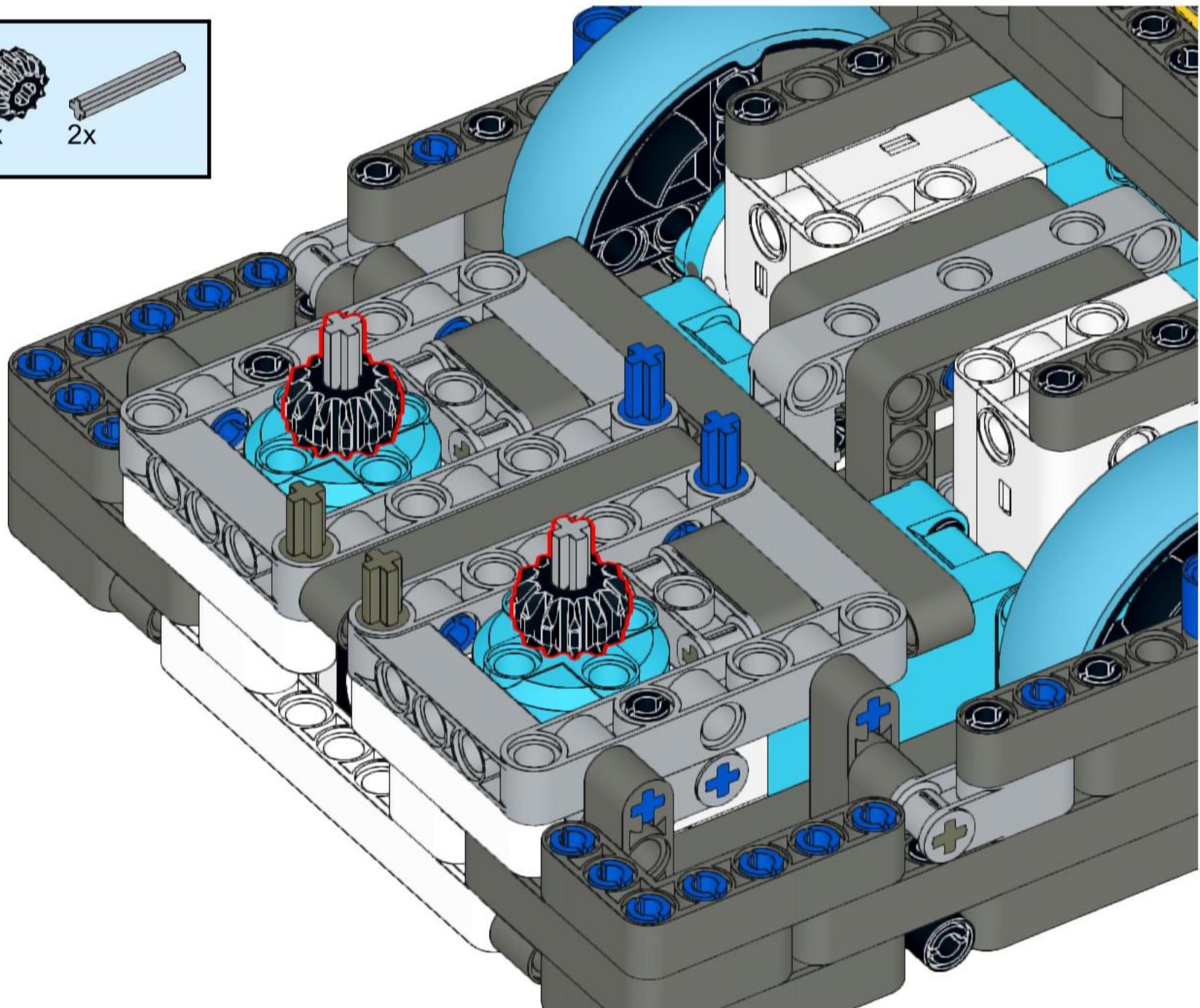
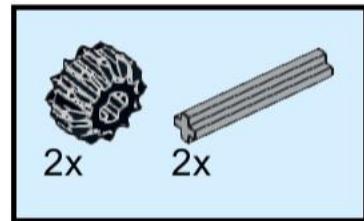
118



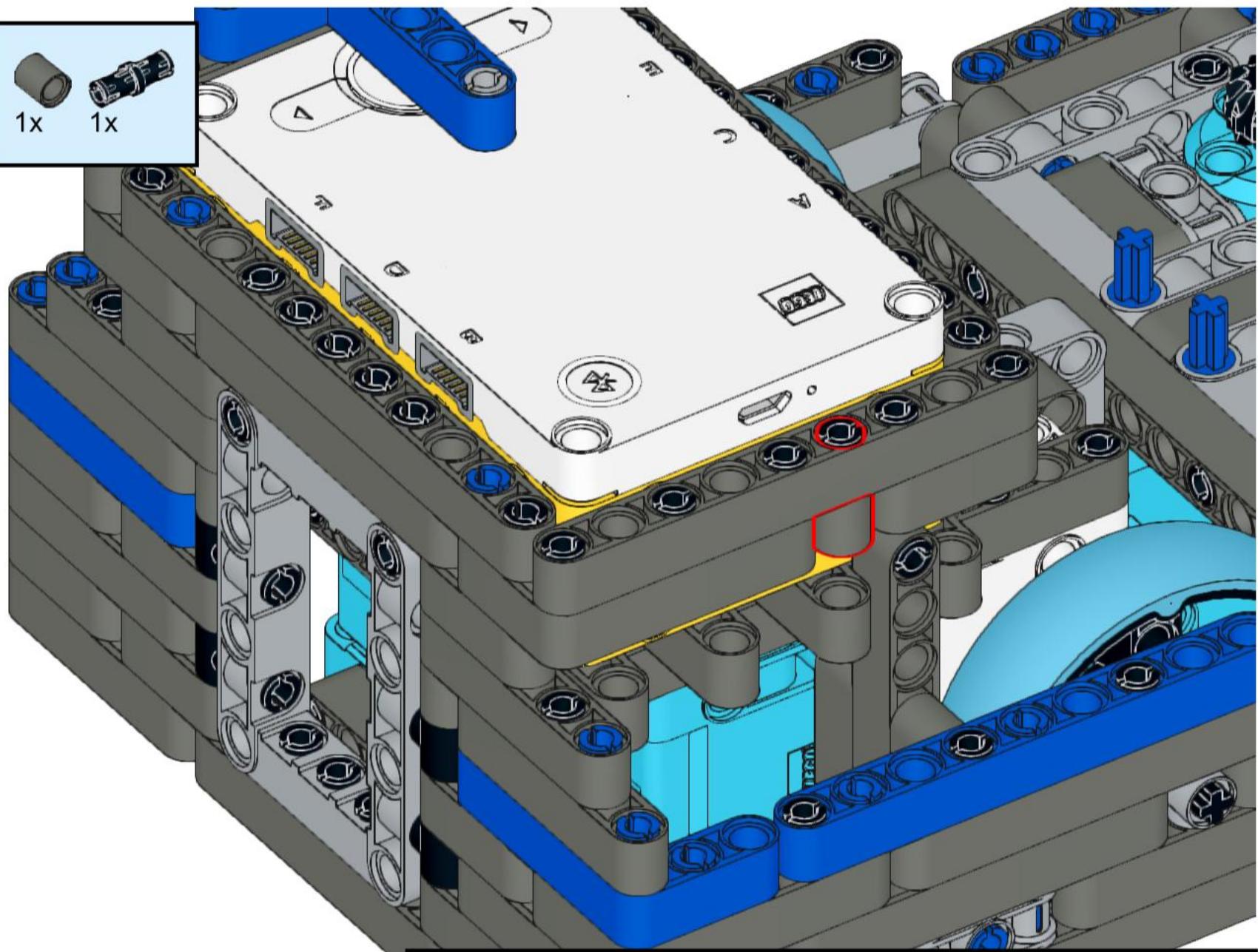
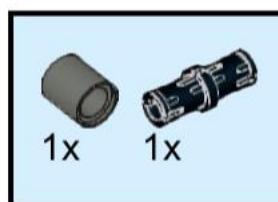
119



120

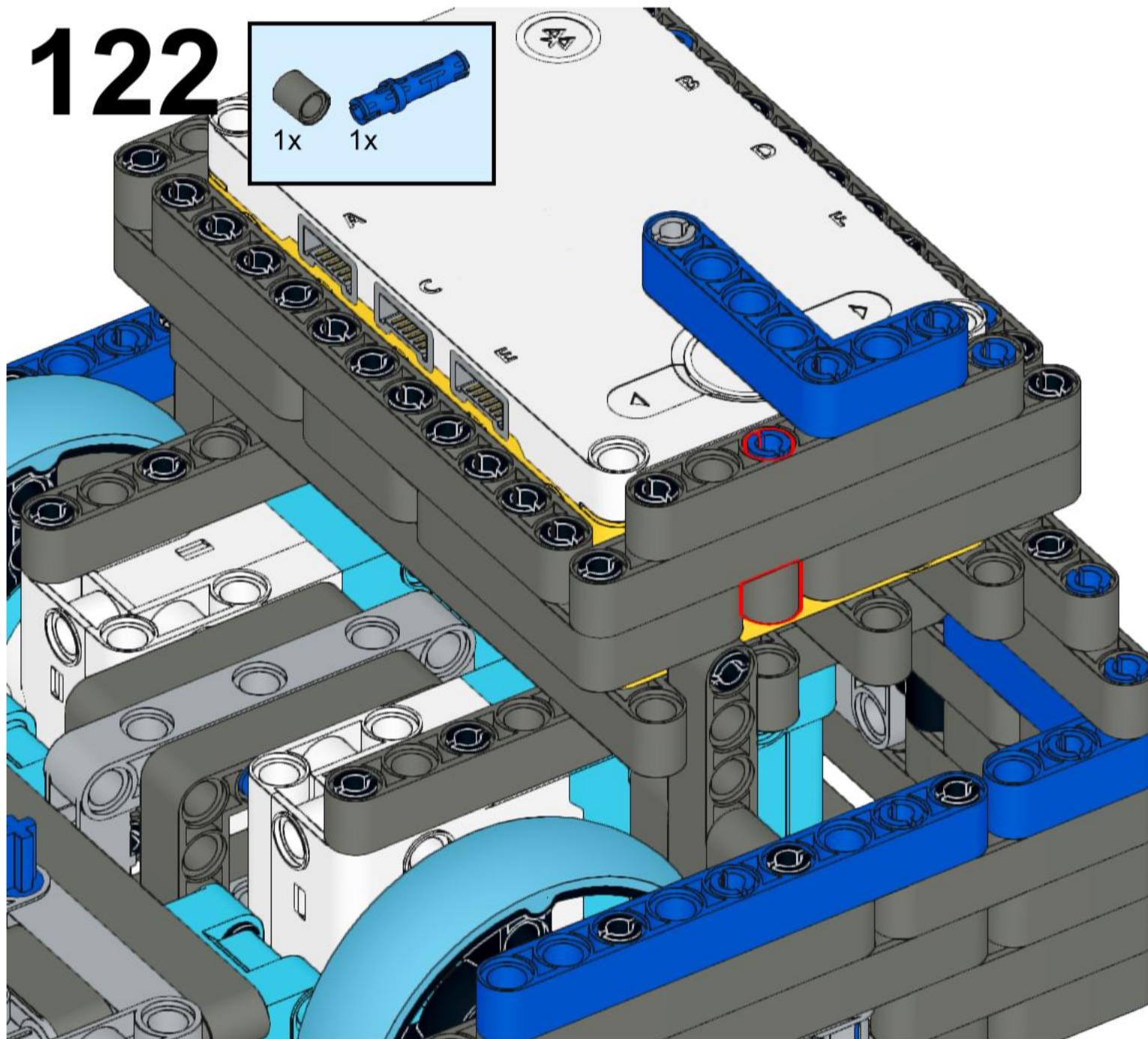
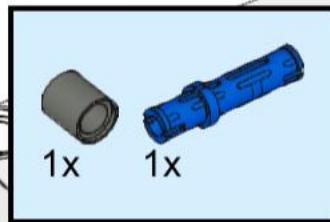


121

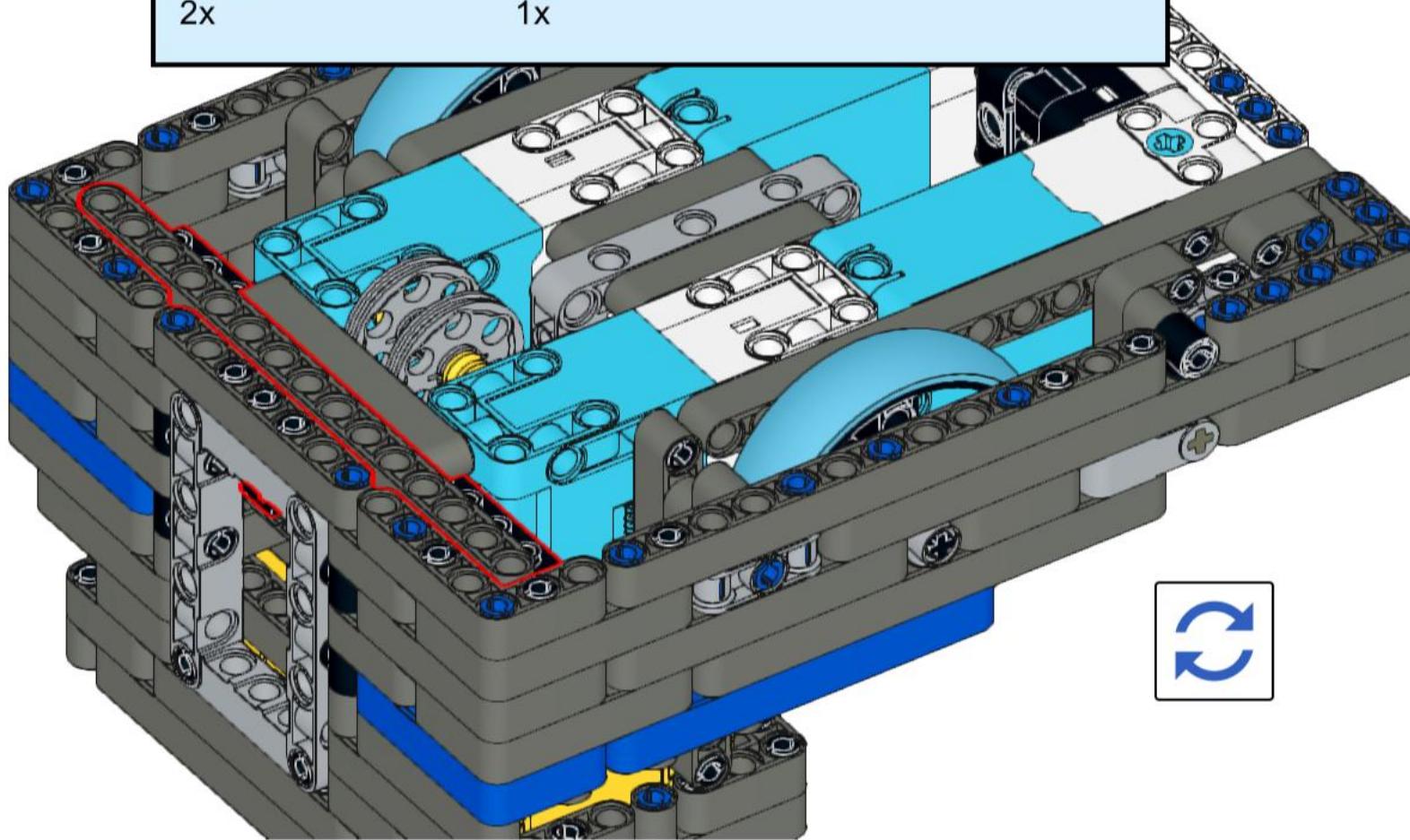
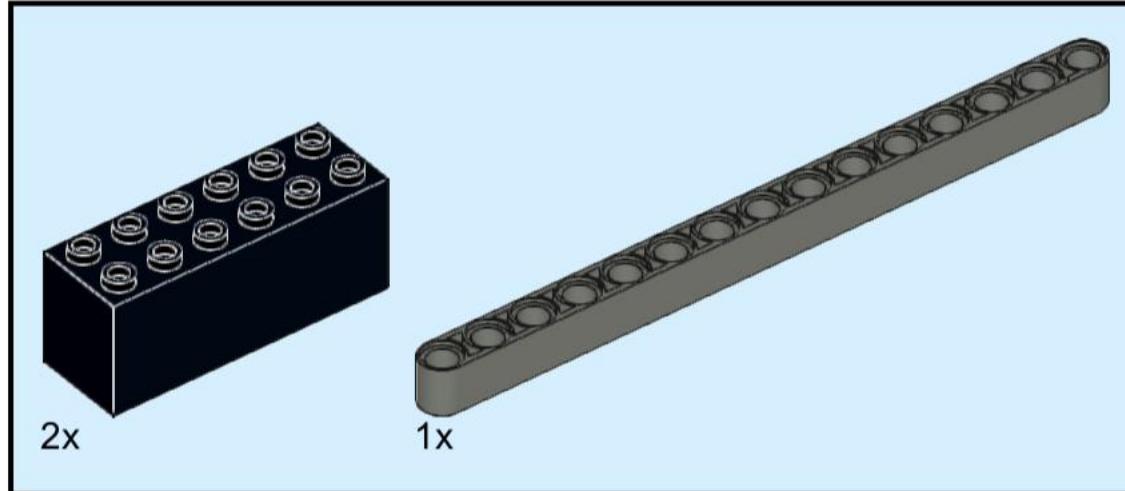


15 1:1

122



123





116x
2780
Black



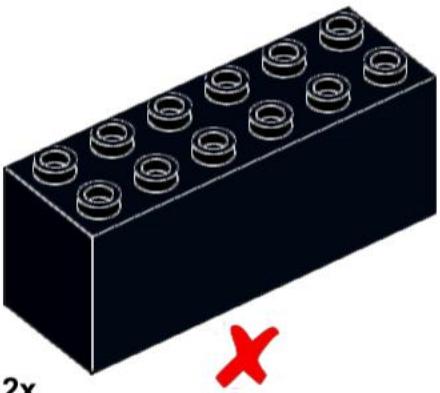
6x
15100
Black



1x
37308c01
Black



2x
32270
Black



2x
73090b
Black



3x
3705
Black

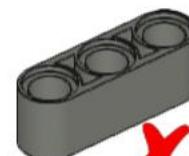
2x
39367pb01
Black



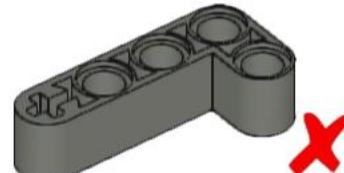
10x
11214
Dark Gray



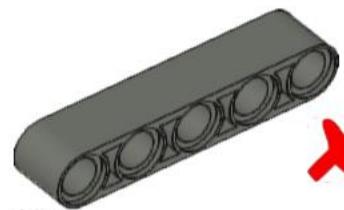
2x
18654
Dark Bluish Gray



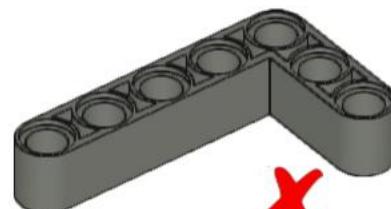
13x
32523
Dark Bluish Gray



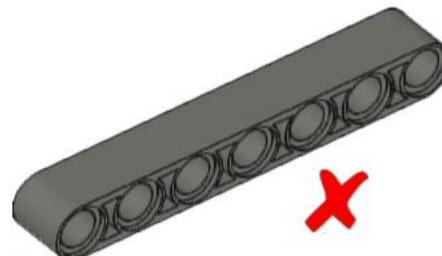
6x
32140
Dark Bluish Gray



10x
32316
Dark Bluish Gray



20x
32526
Dark Bluish Gray

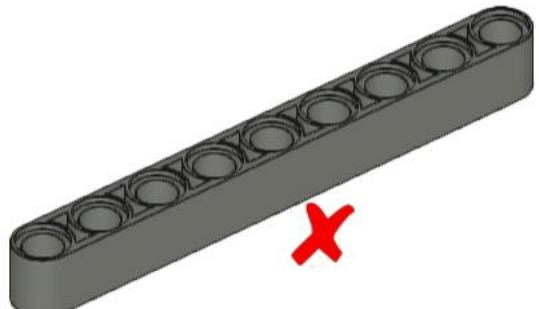


10x
32524
Dark Bluish Gray

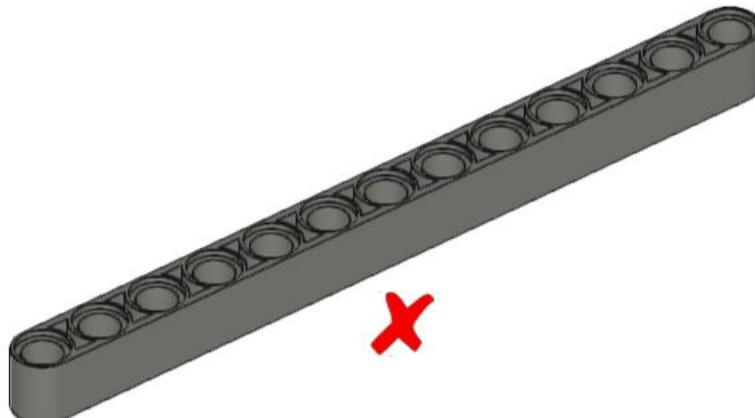


= Partially available in Spike Kit

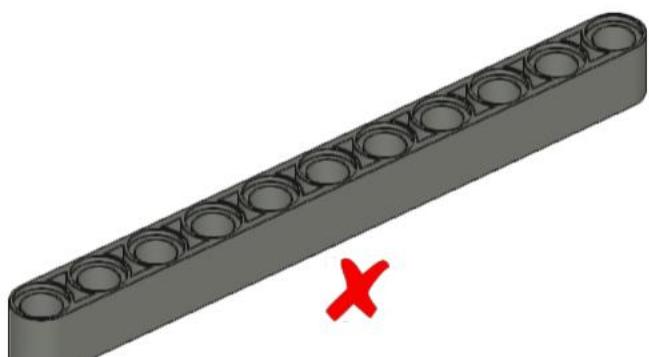
= Not available in Spike Kit



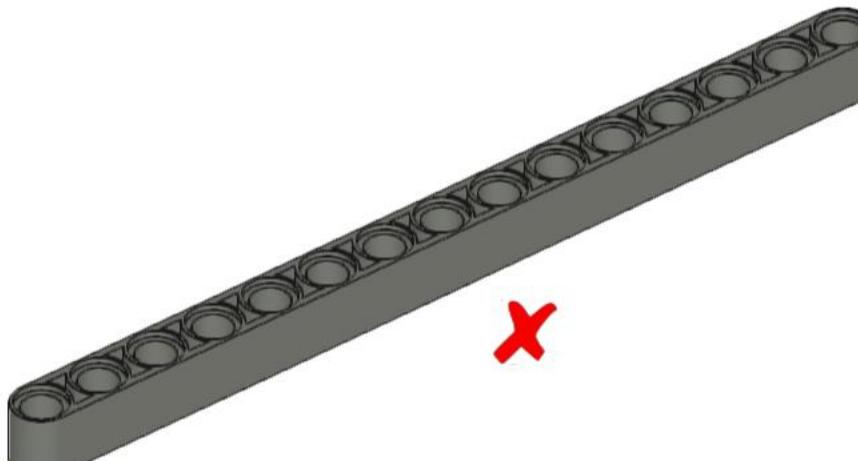
2x
40490
Dark Bluish Gray



6x
41239
Dark Bluish Gray



9x
32525
Dark Bluish Gray



3x
32278
Dark Bluish Gray



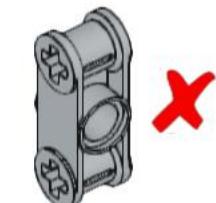
1x
4274
Light Bluish Gray



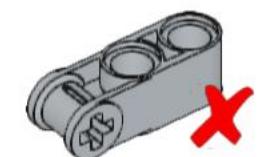
1x
3713
Light Bluish Gray



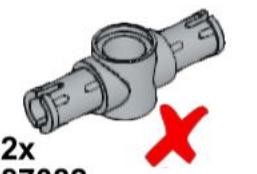
2x
4519
Light Bluish Gray



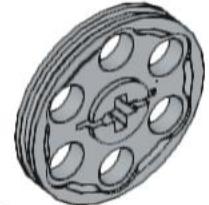
6x
32184
Light Bluish Gray



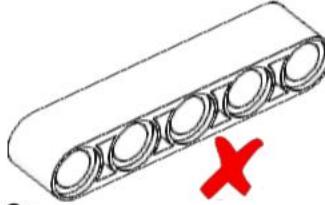
2x
42003
Light Bluish Gray



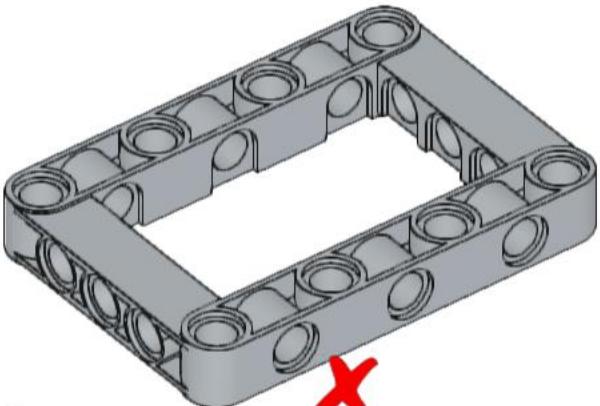
2x
87082
Light Bluish Gray



2x
4185
Light Bluish Gray



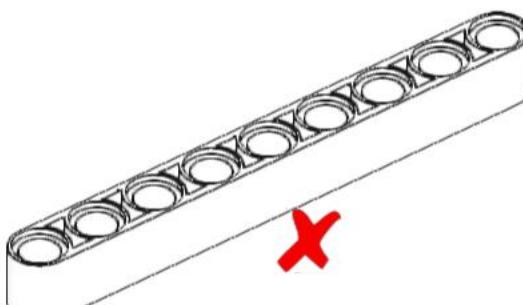
2x
32316
White



4x
64179
Light Bluish Gray



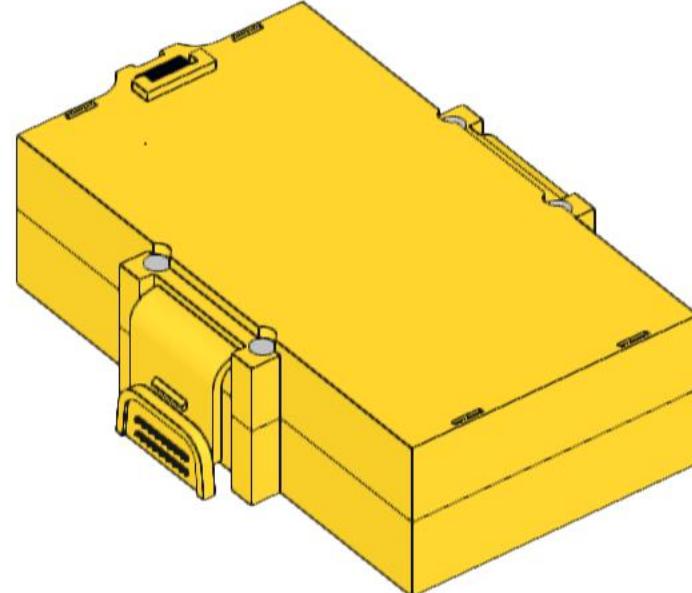
2x
43857
White



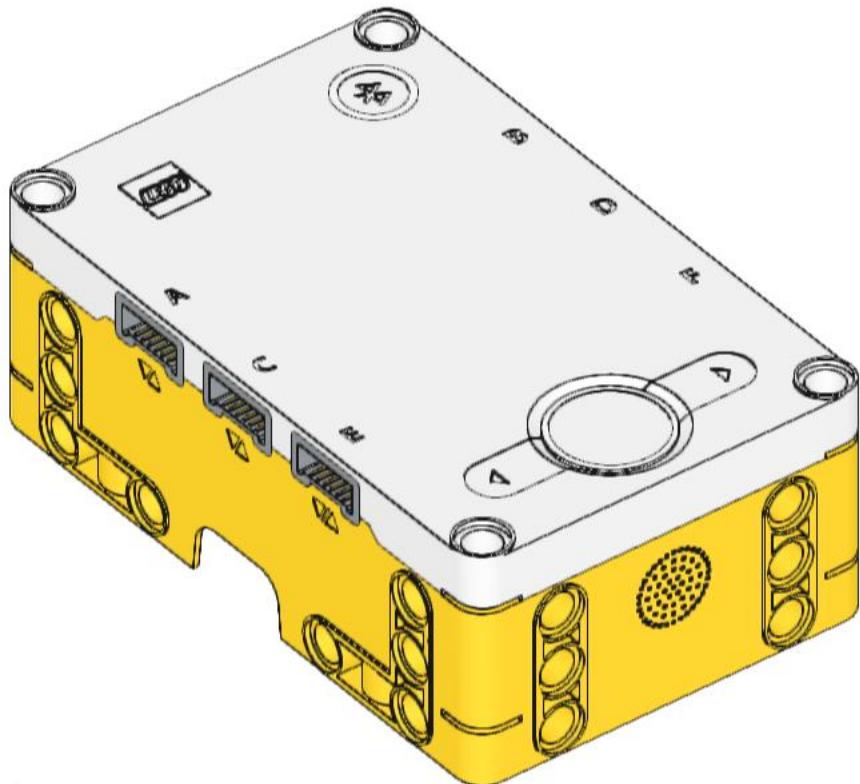
1x
40490
White



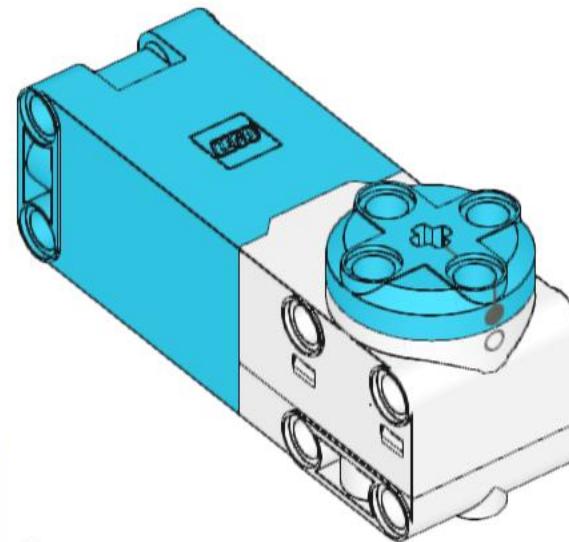
2x
4265c
Yellow



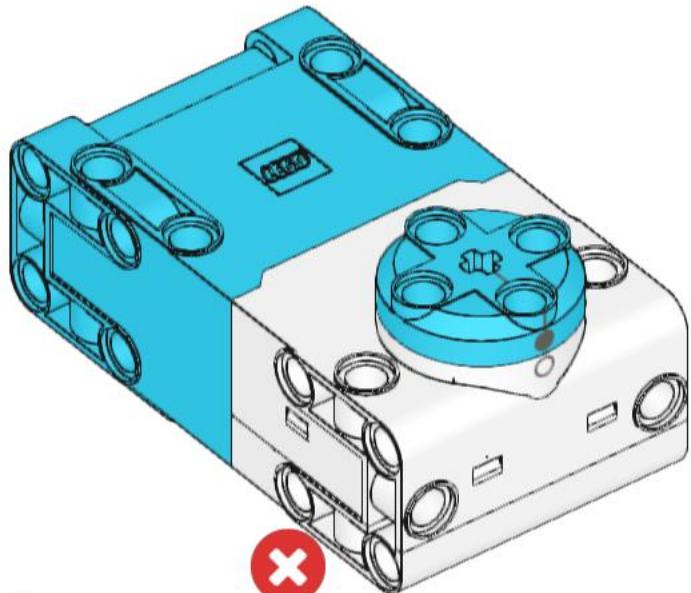
1x
55422c01
Yellow



1x
bb1142c01
Yellow



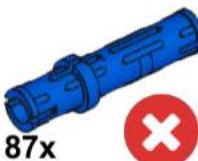
2x
54696c01
Medium Azure



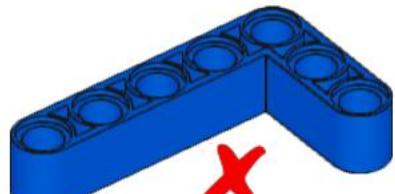
2x
54675c01
Medium Azure



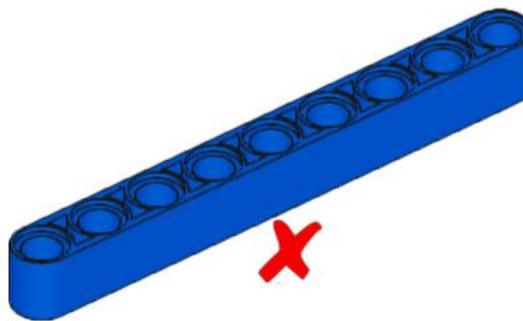
14x
43093
Blue



87x
6558
Blue



3x
32526
Blue



2x
40490
Blue