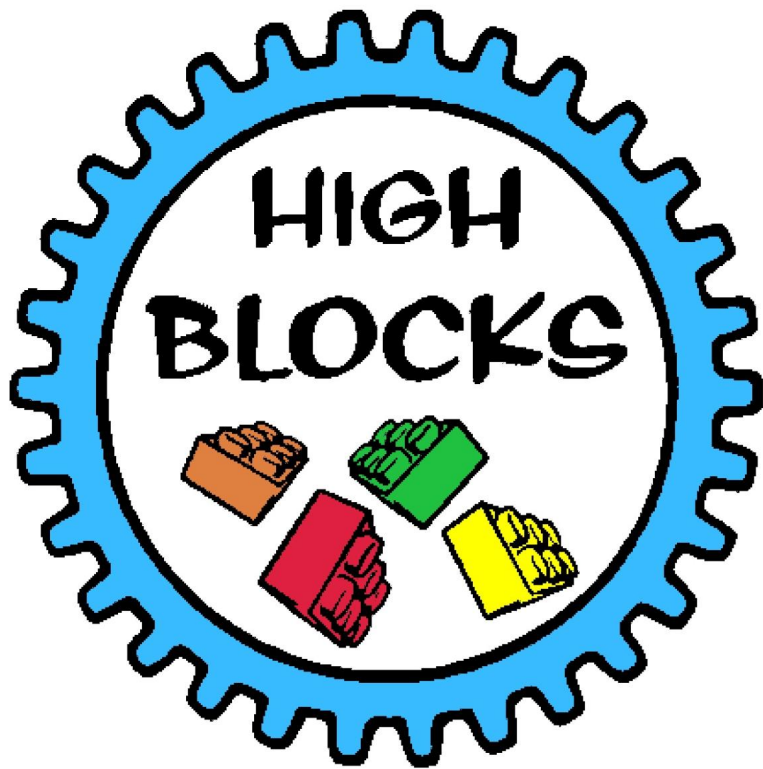


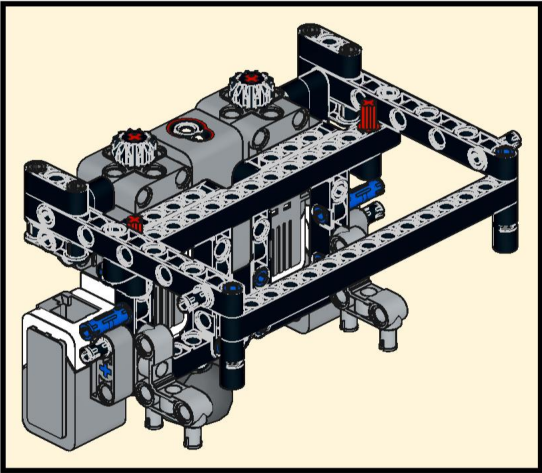
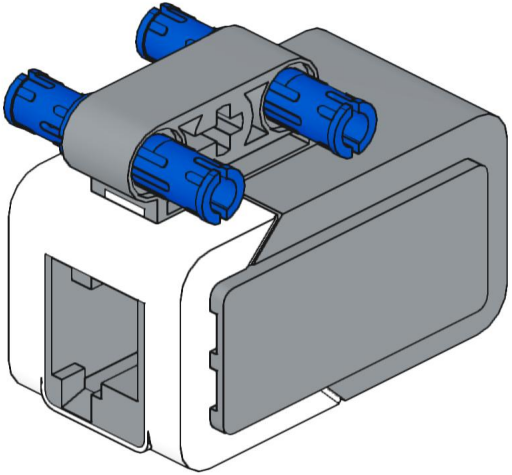
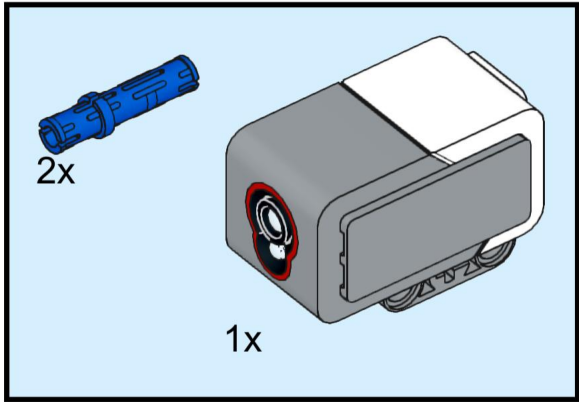
FIRST Lego League

Team High Blocks #56495

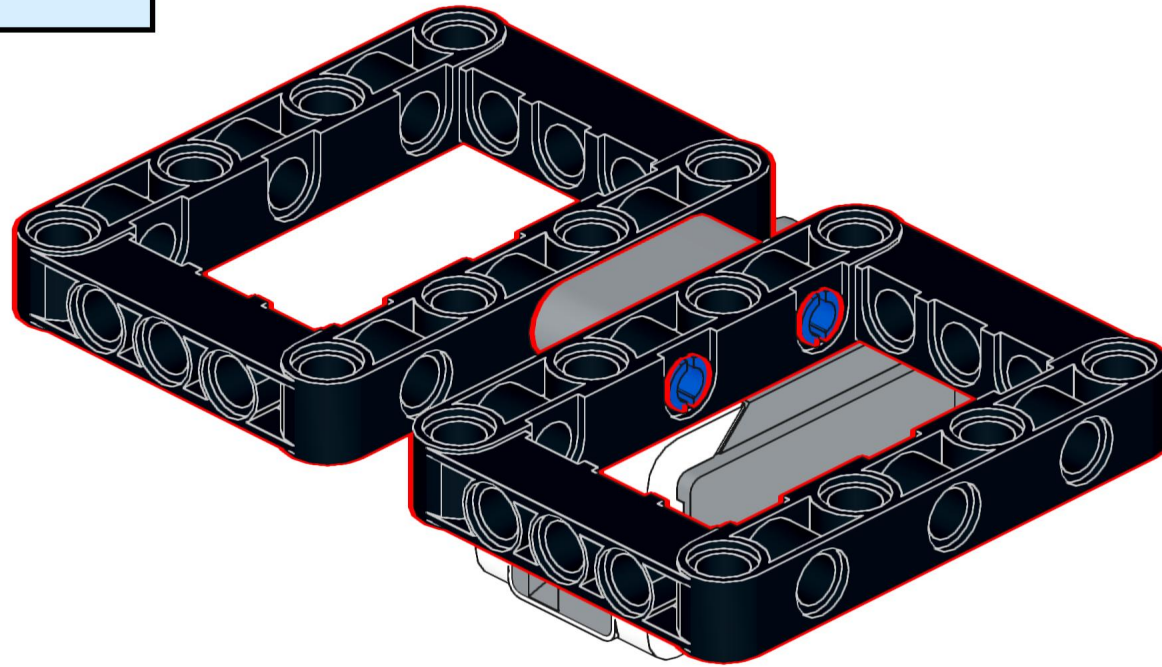
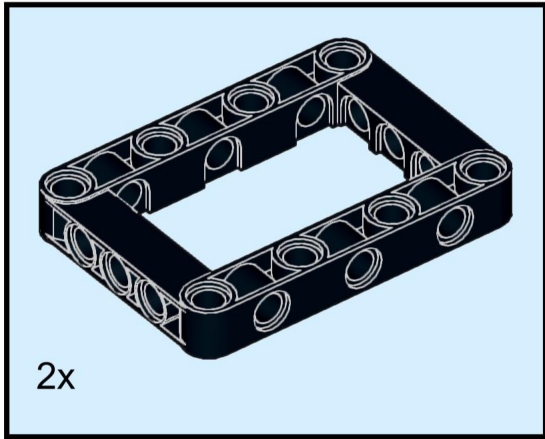
Base Robot Design



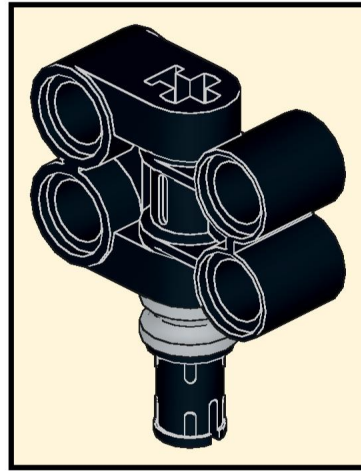
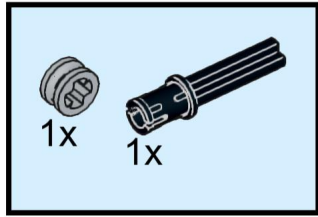
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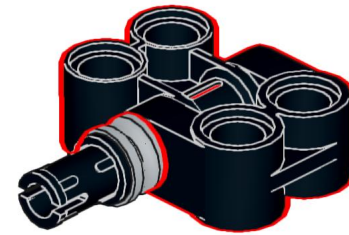
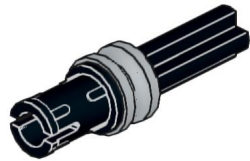
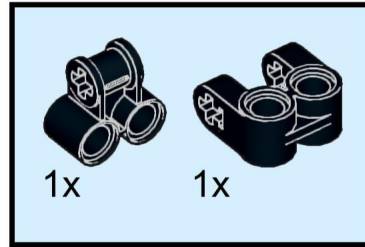
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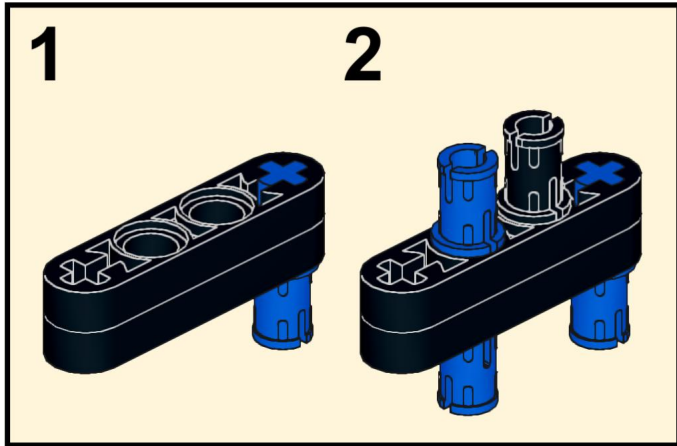
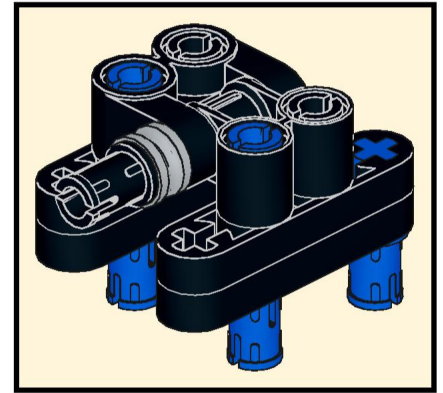
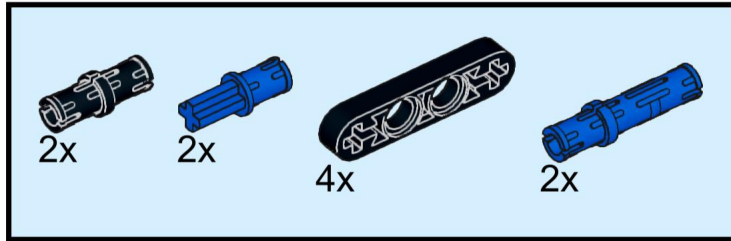
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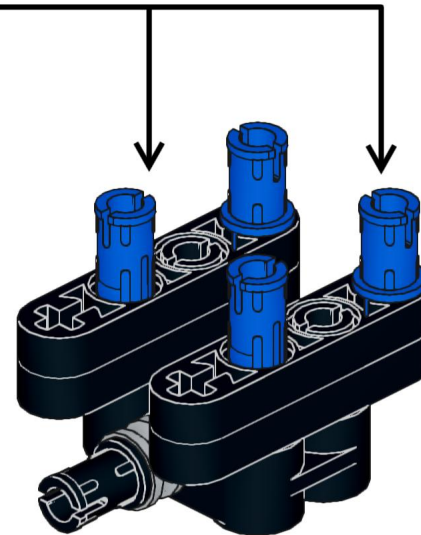
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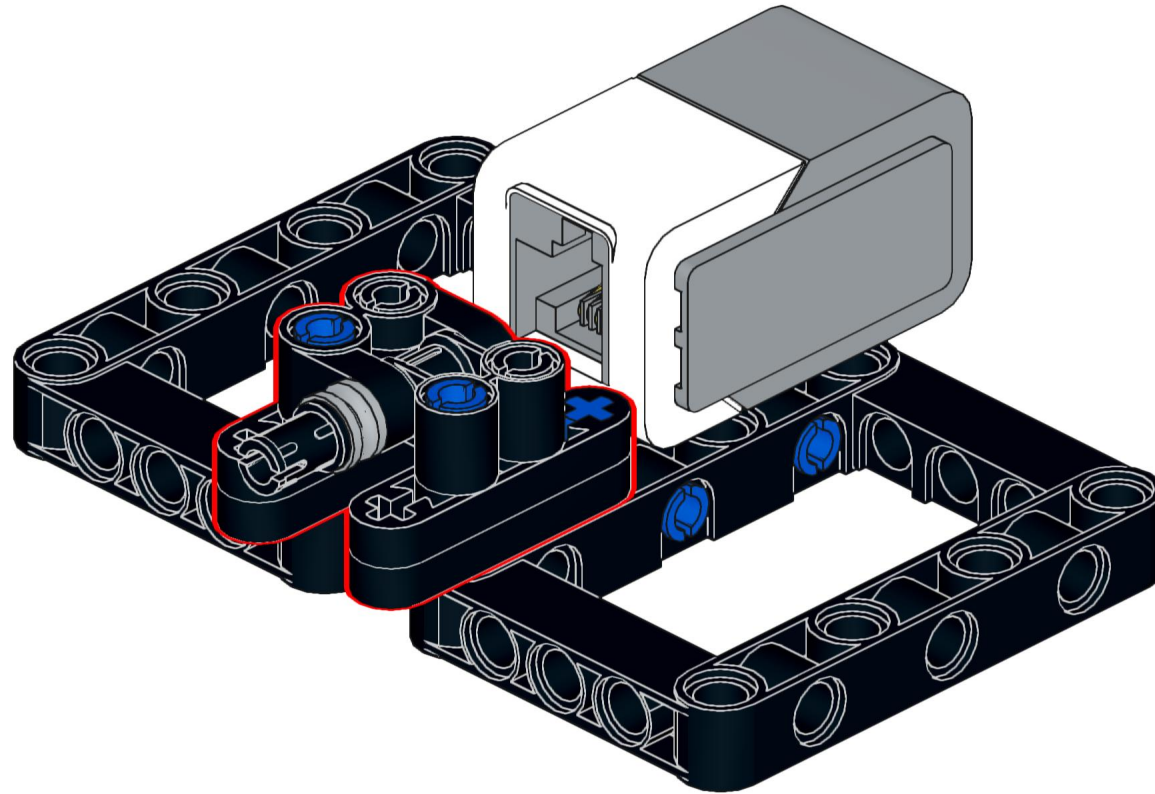
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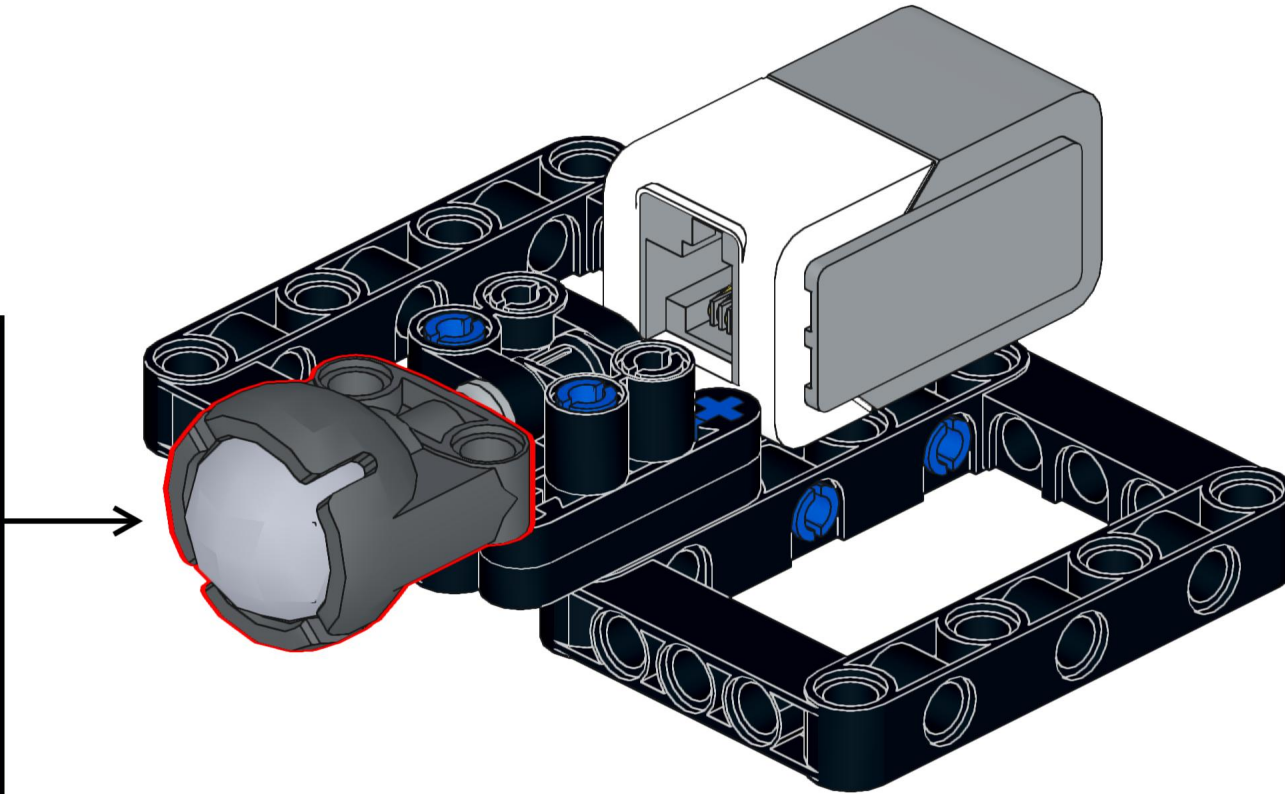
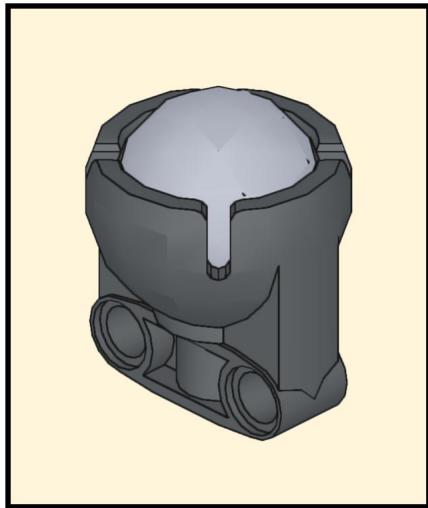
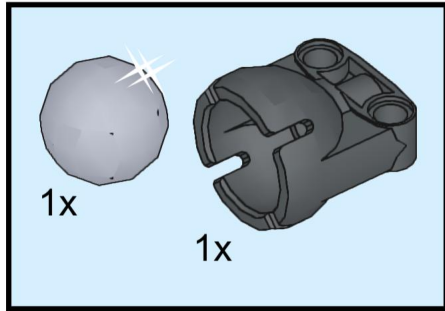
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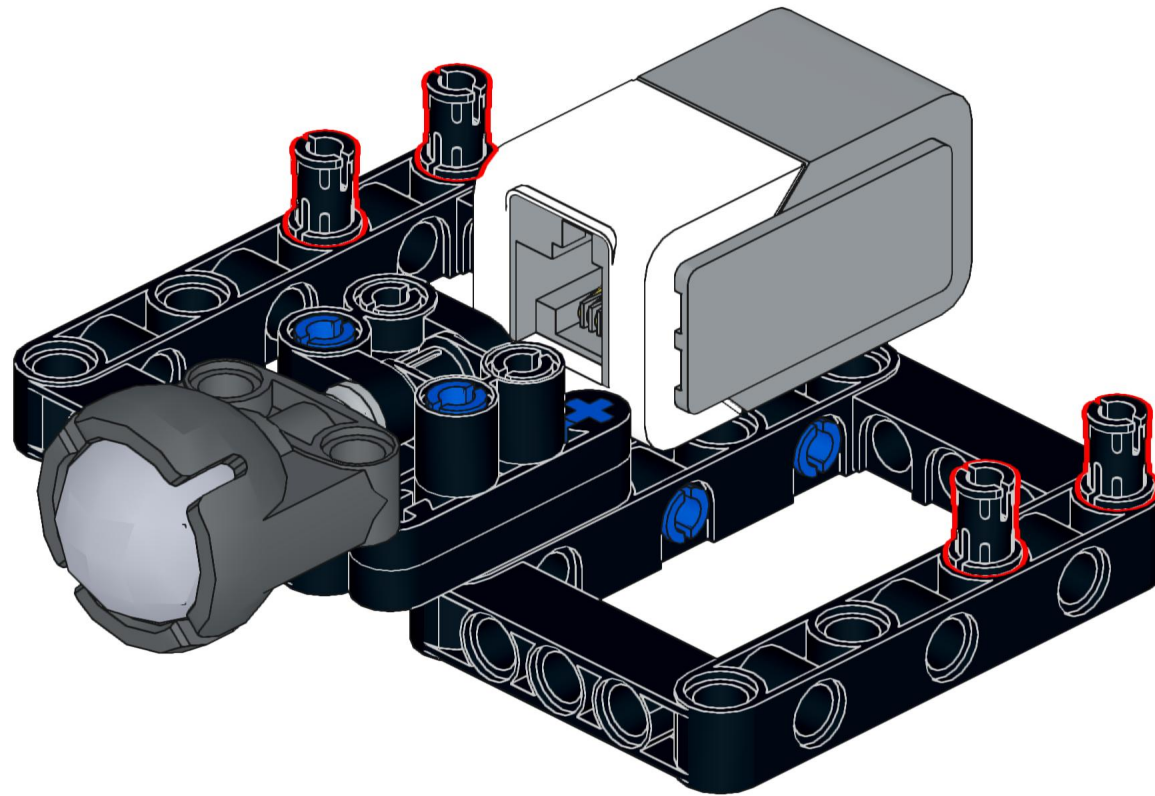
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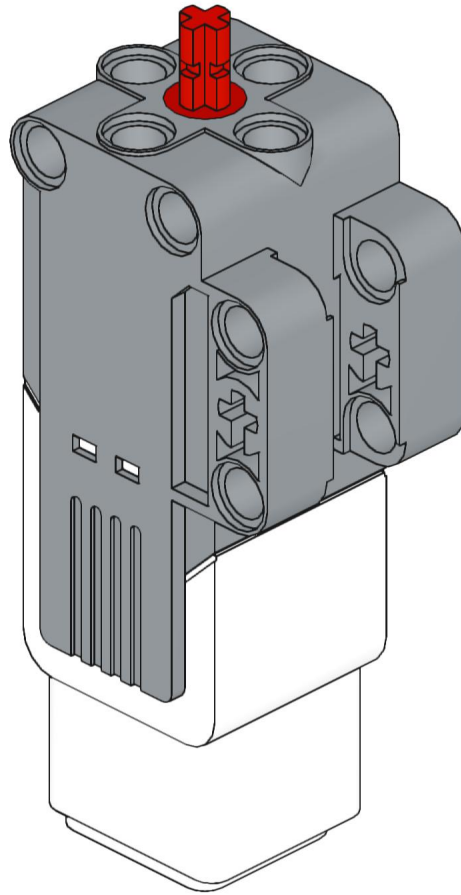
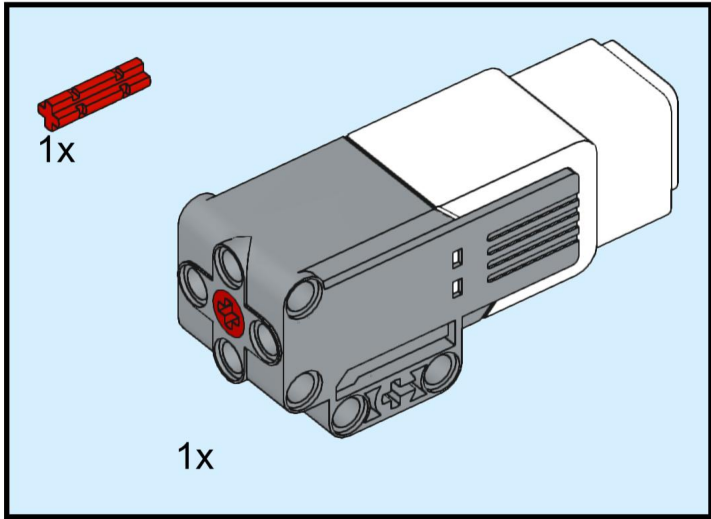
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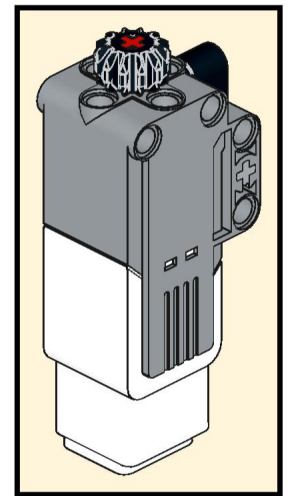
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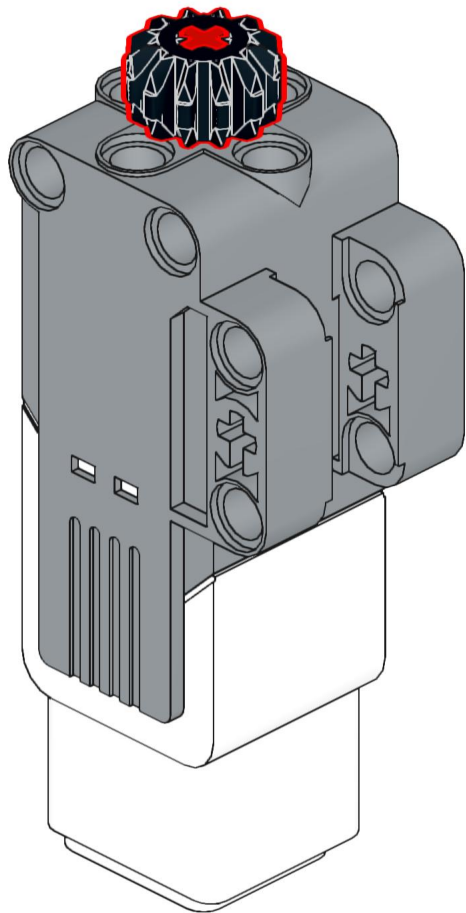
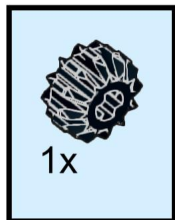
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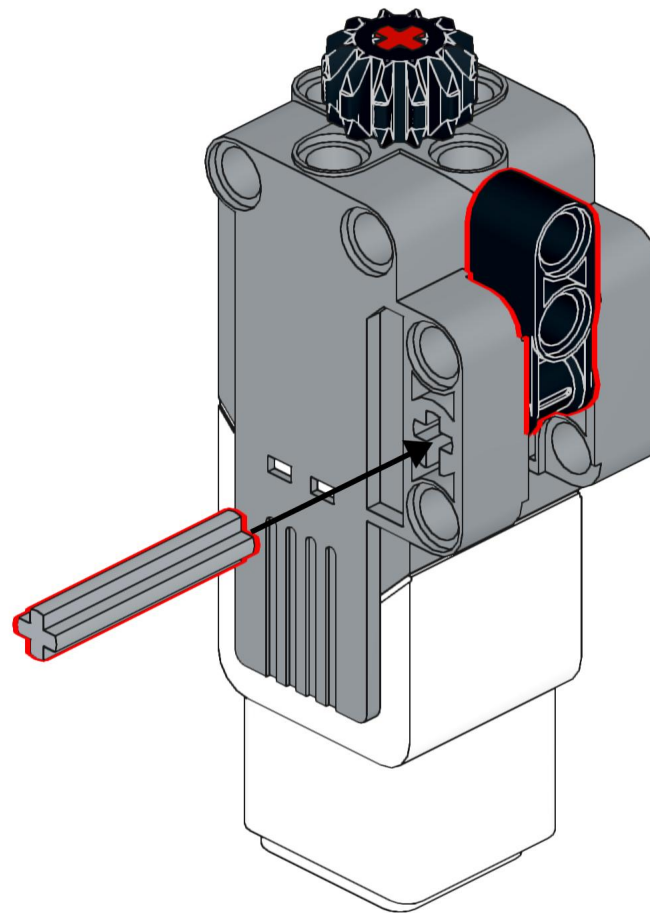
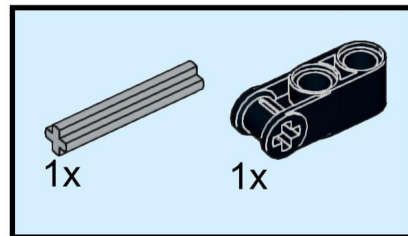
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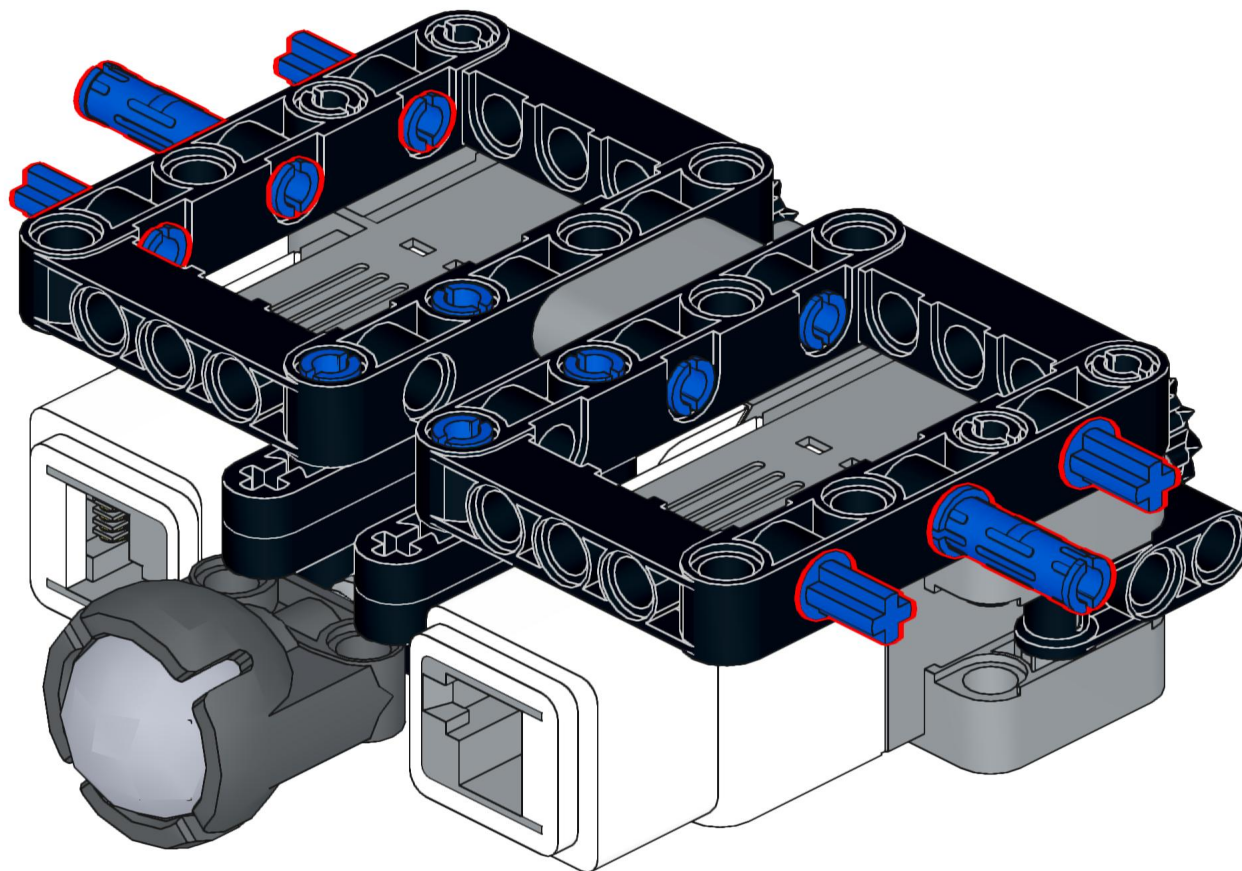
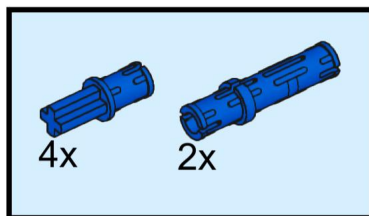
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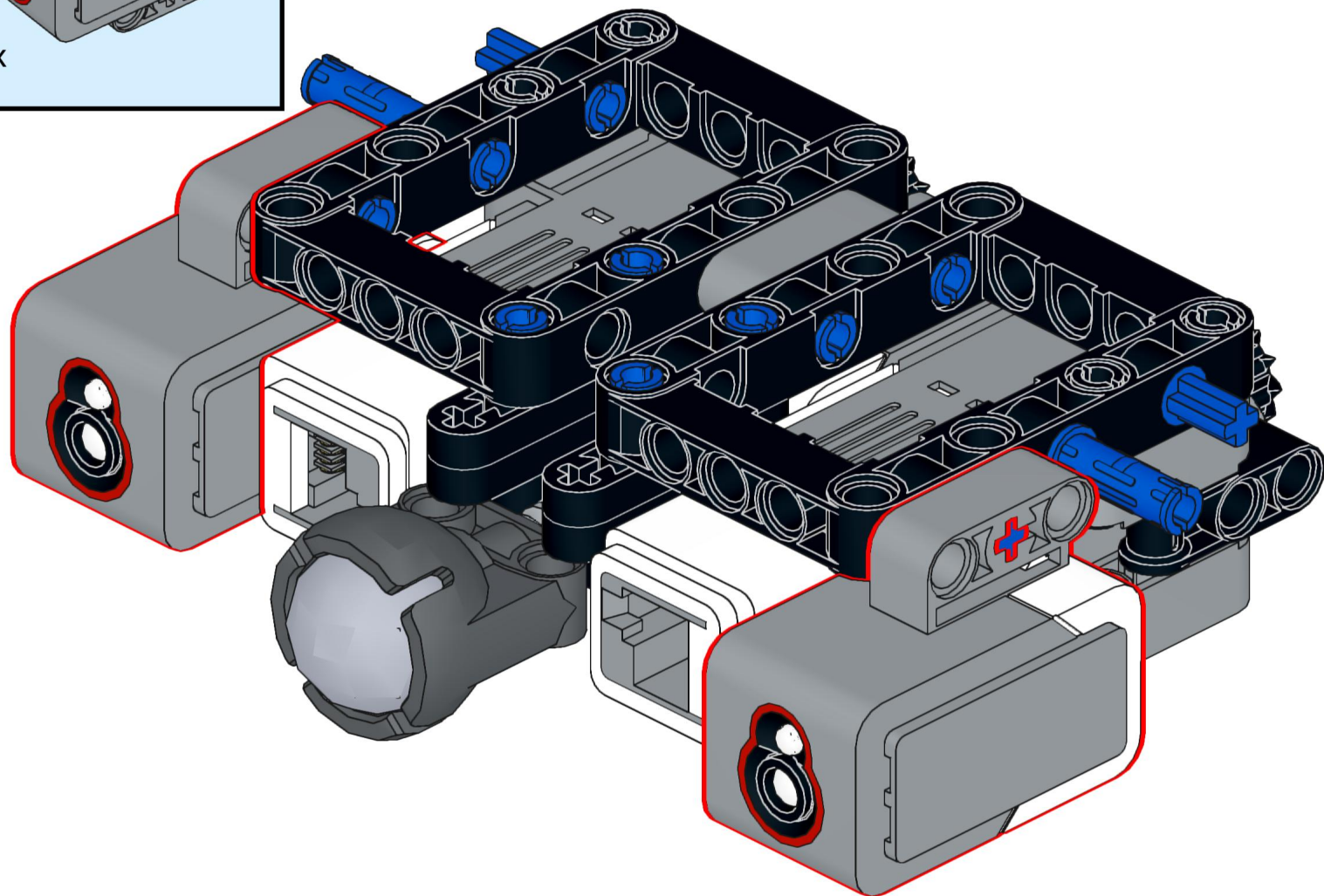
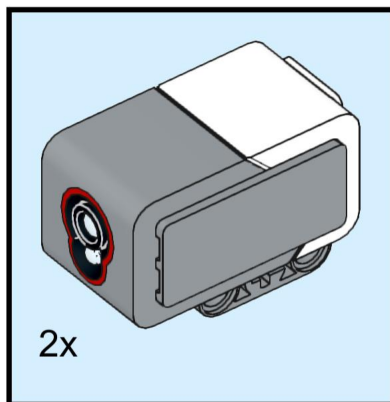
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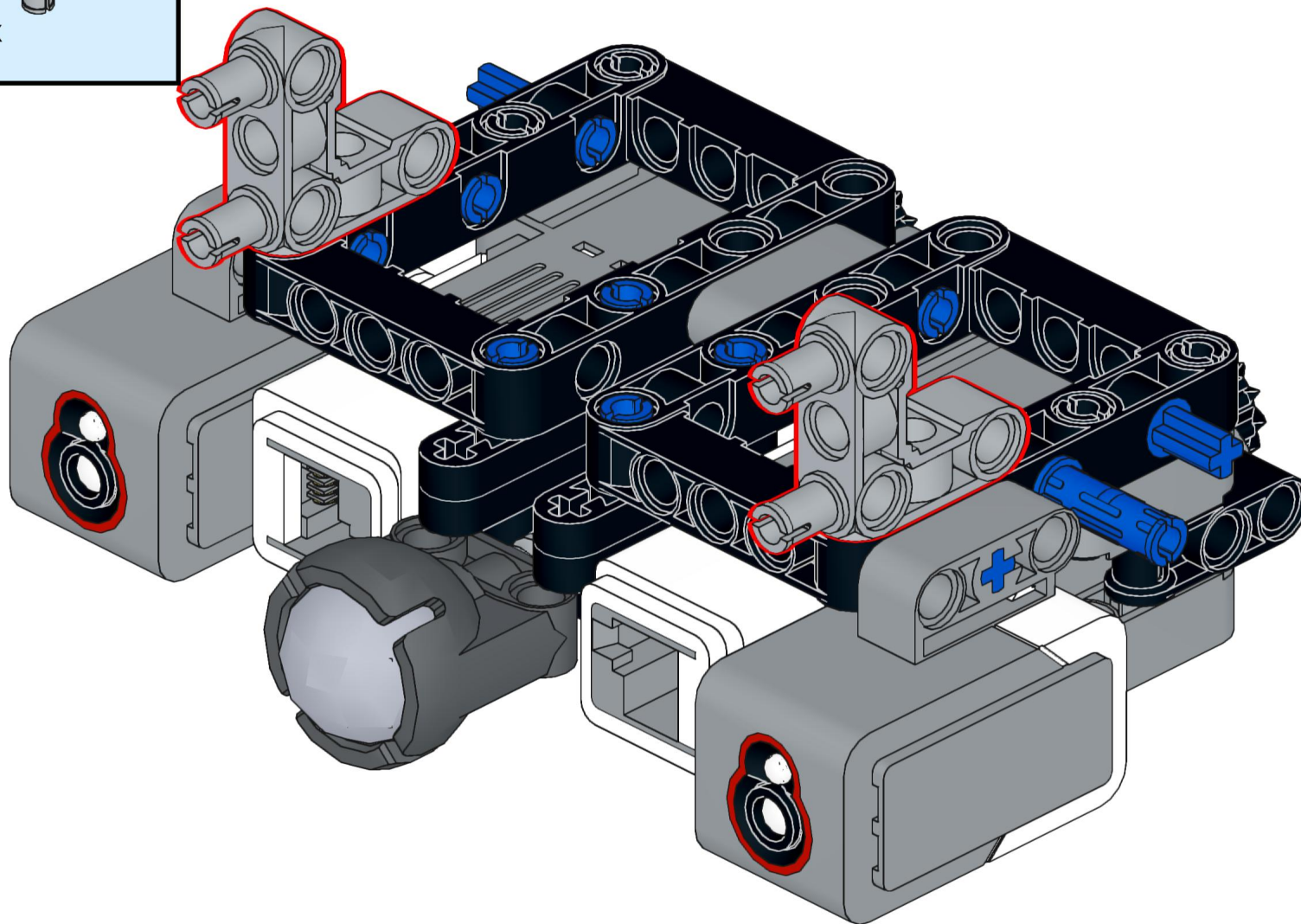
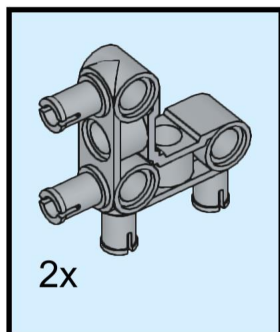
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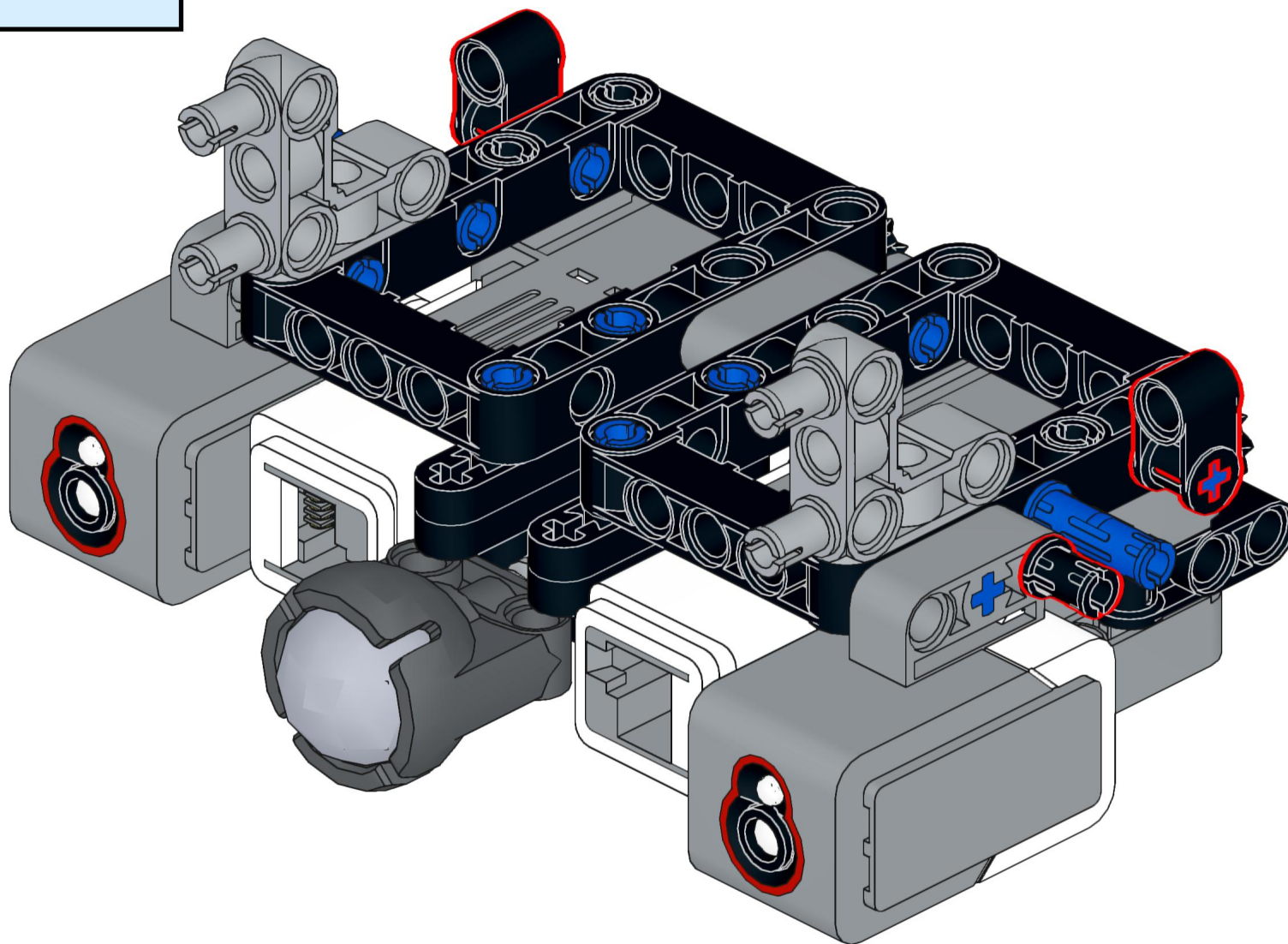
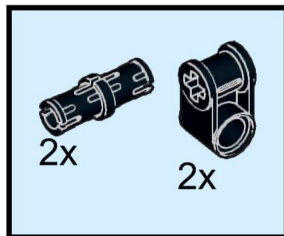
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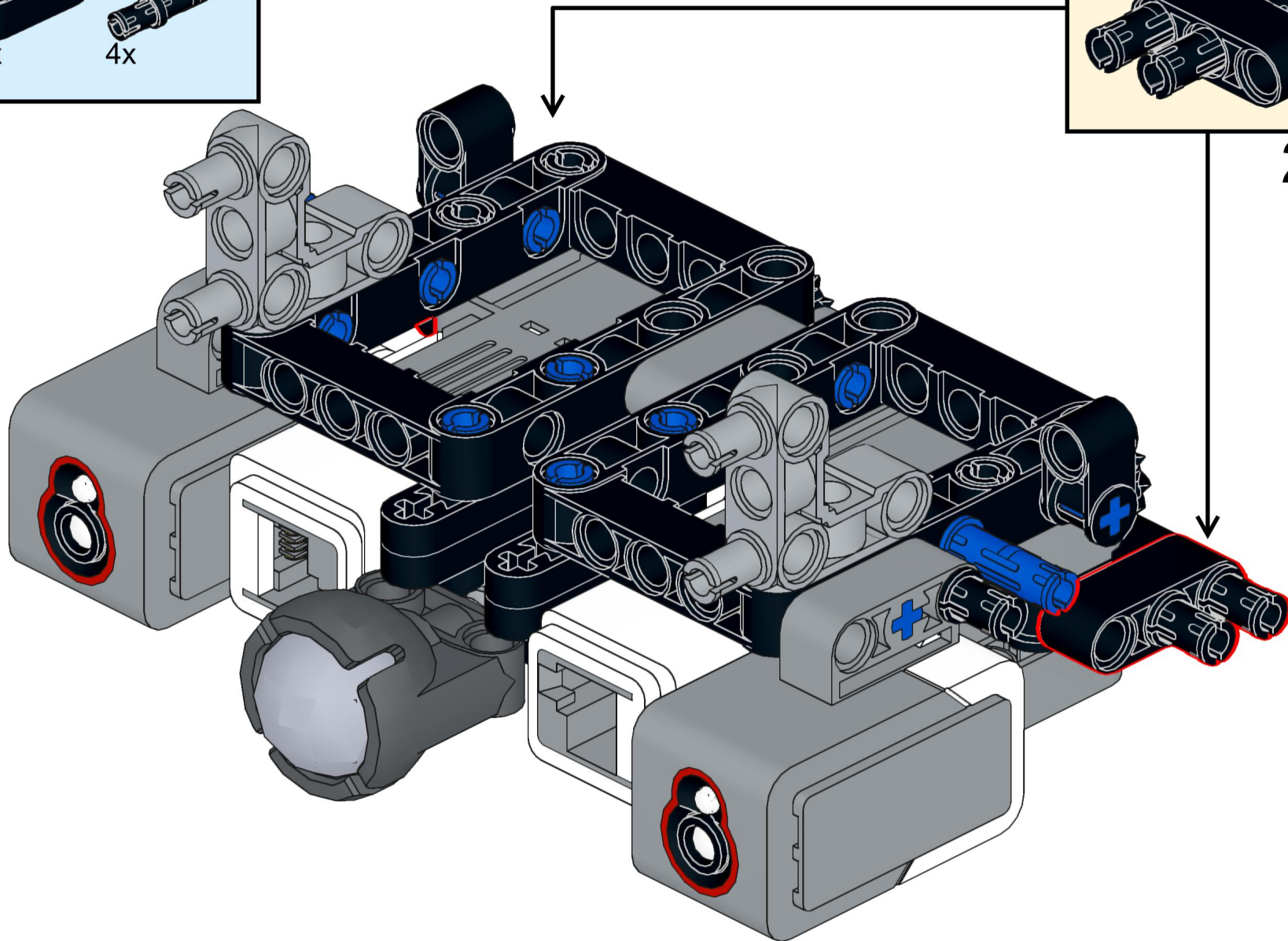
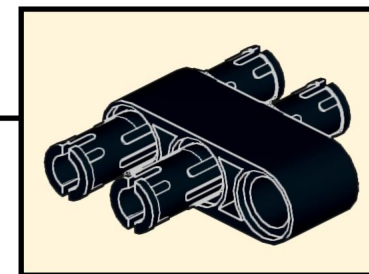
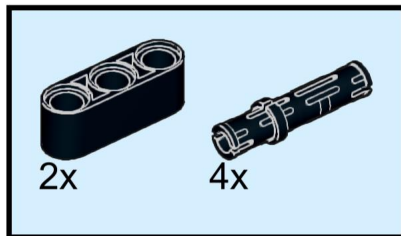
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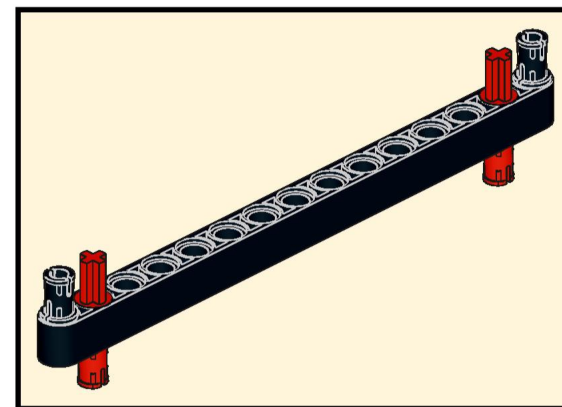
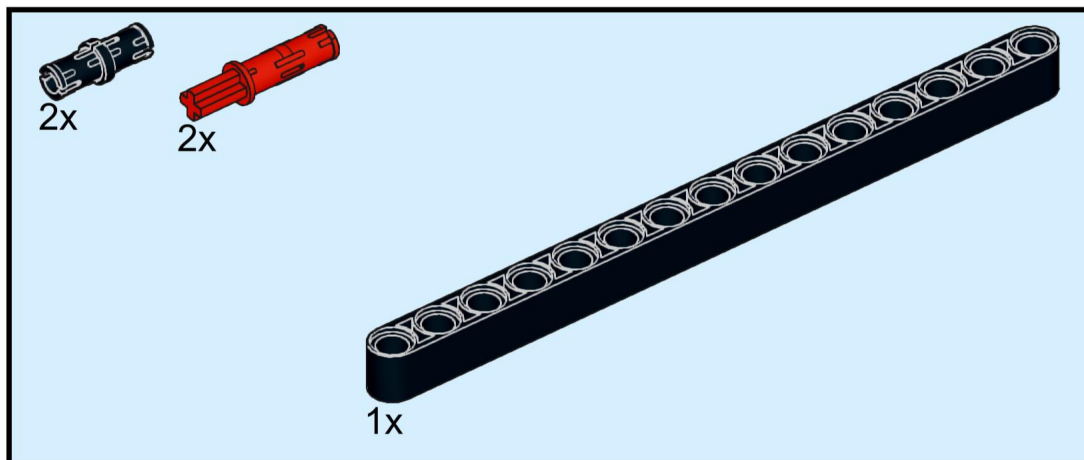
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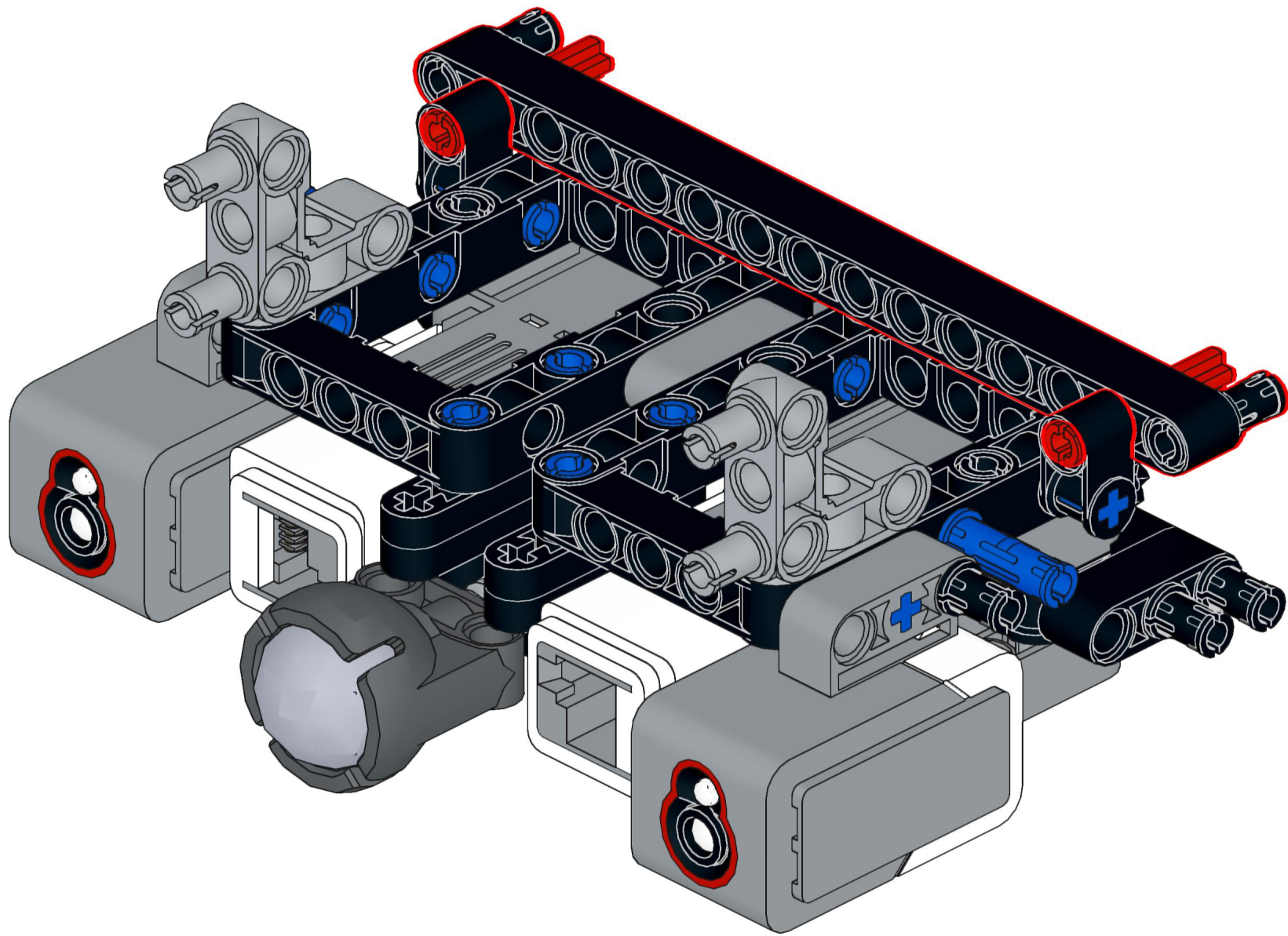
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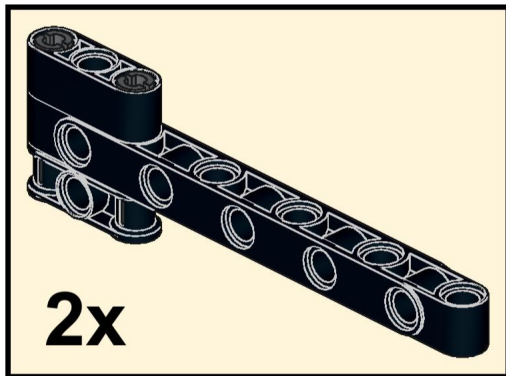
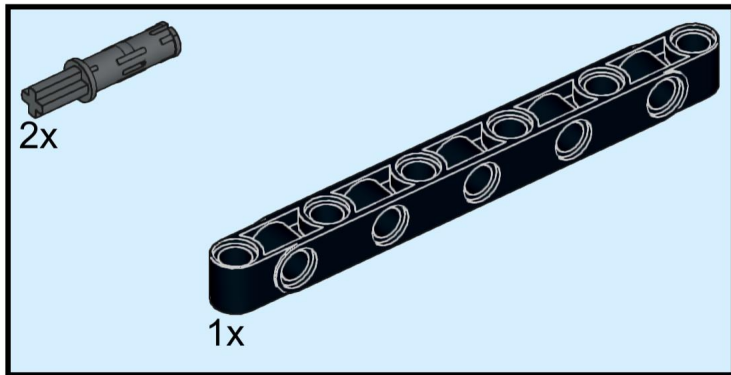
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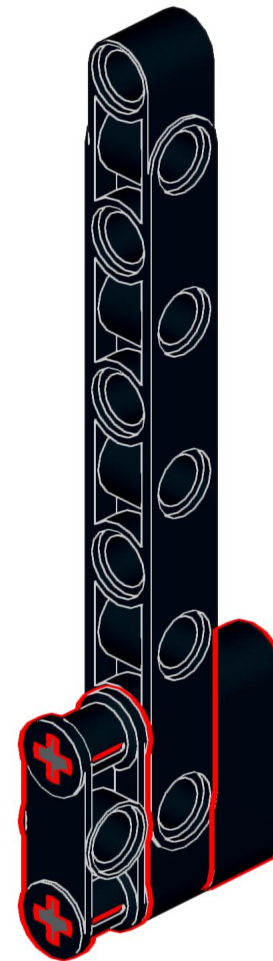
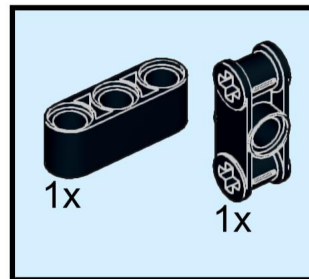
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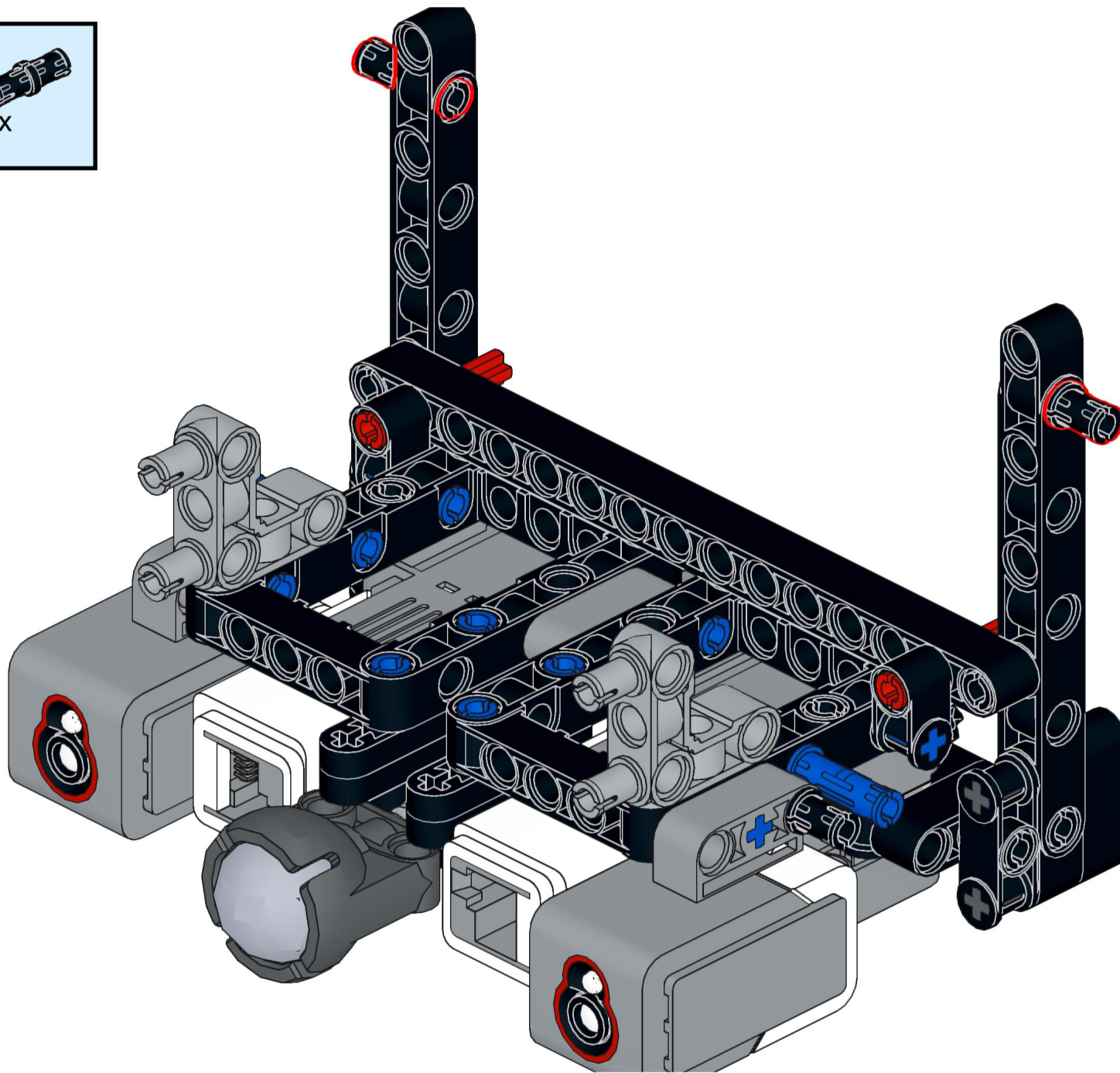
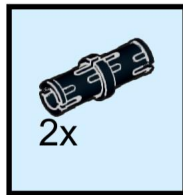
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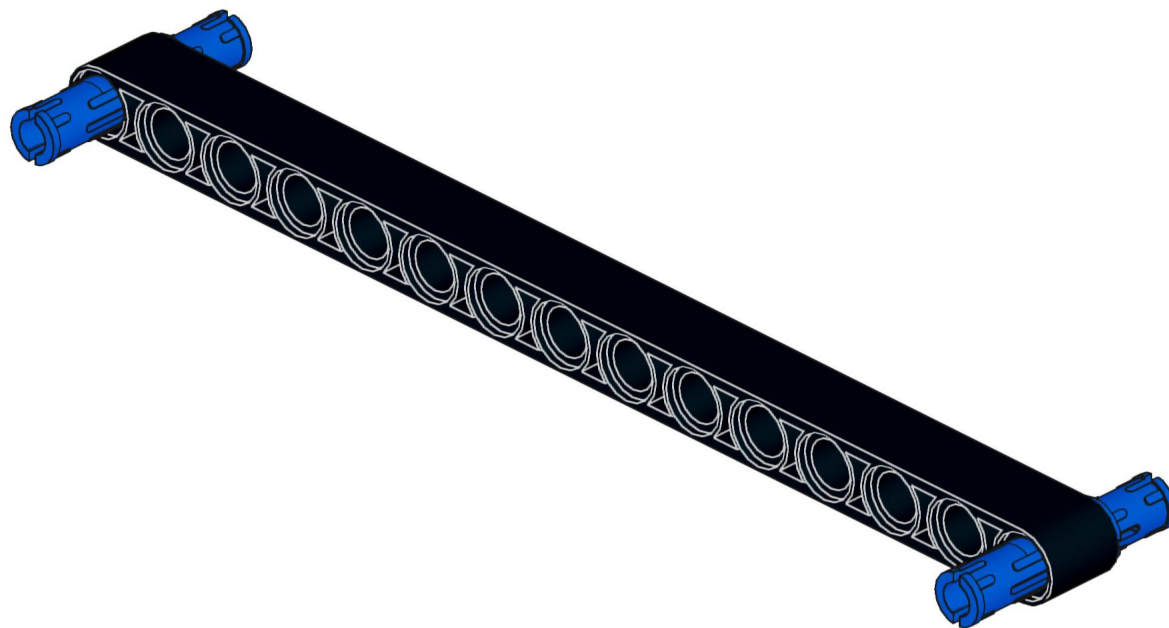
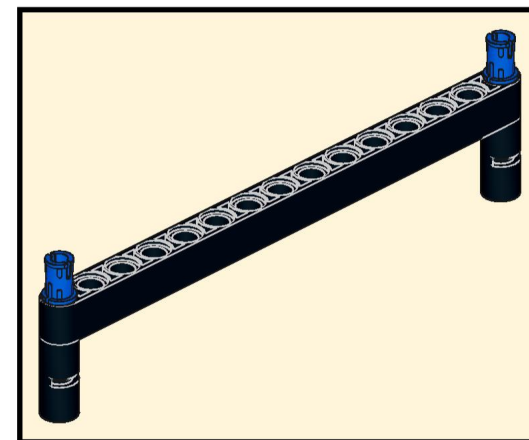
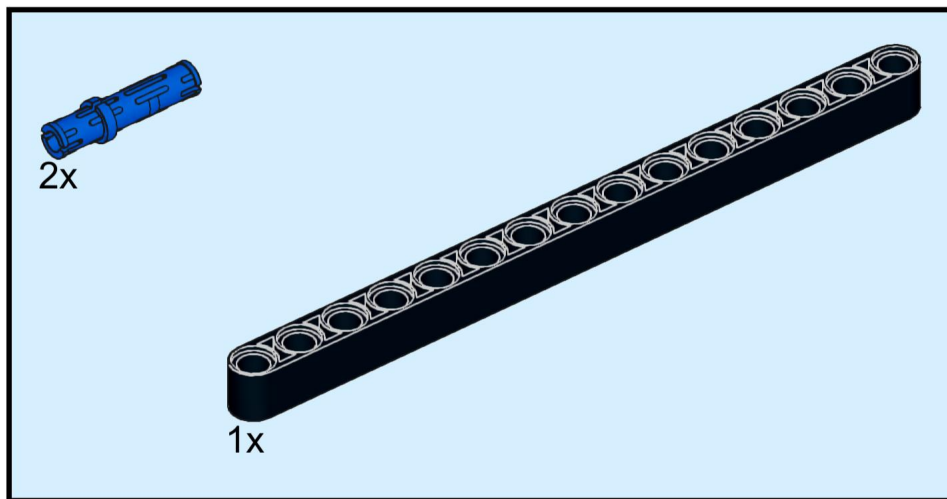
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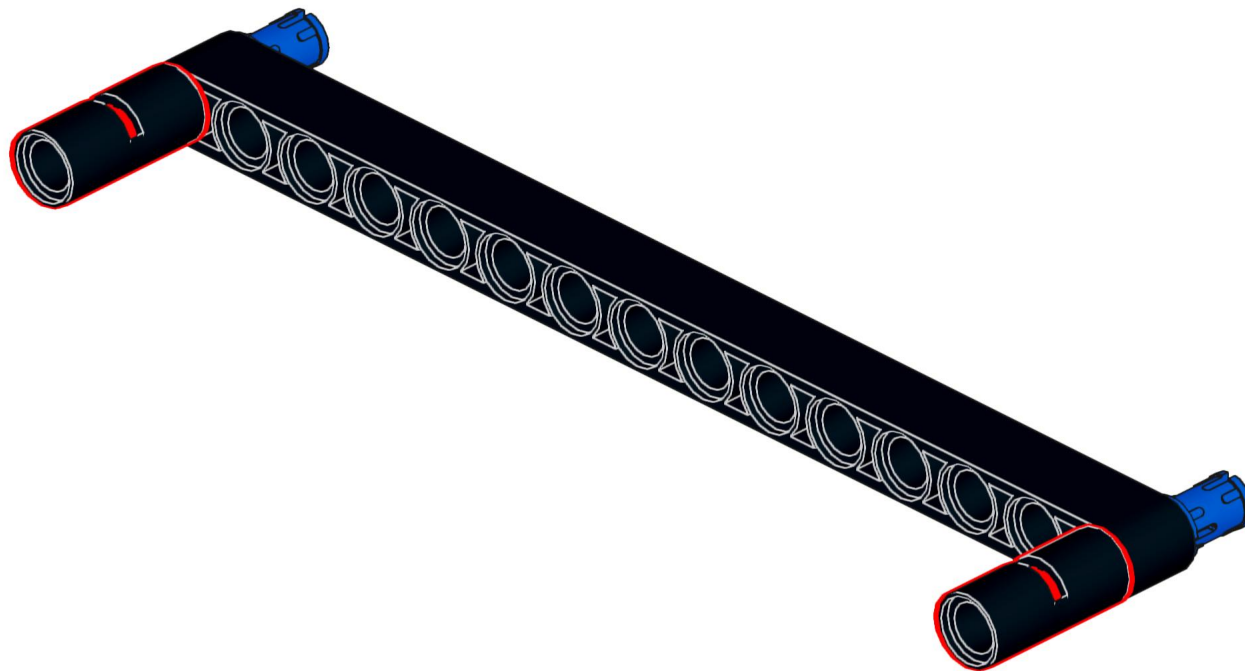
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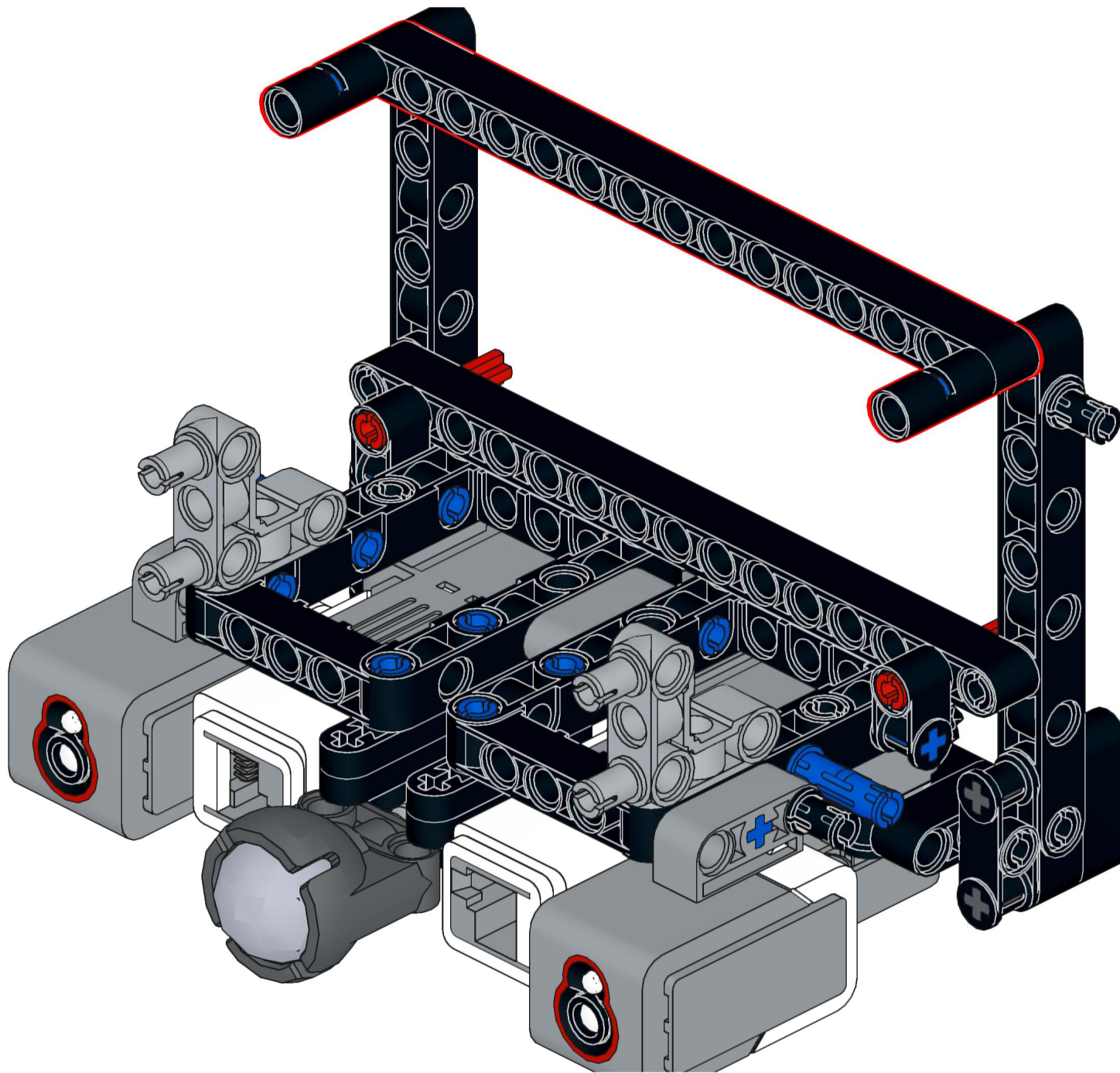
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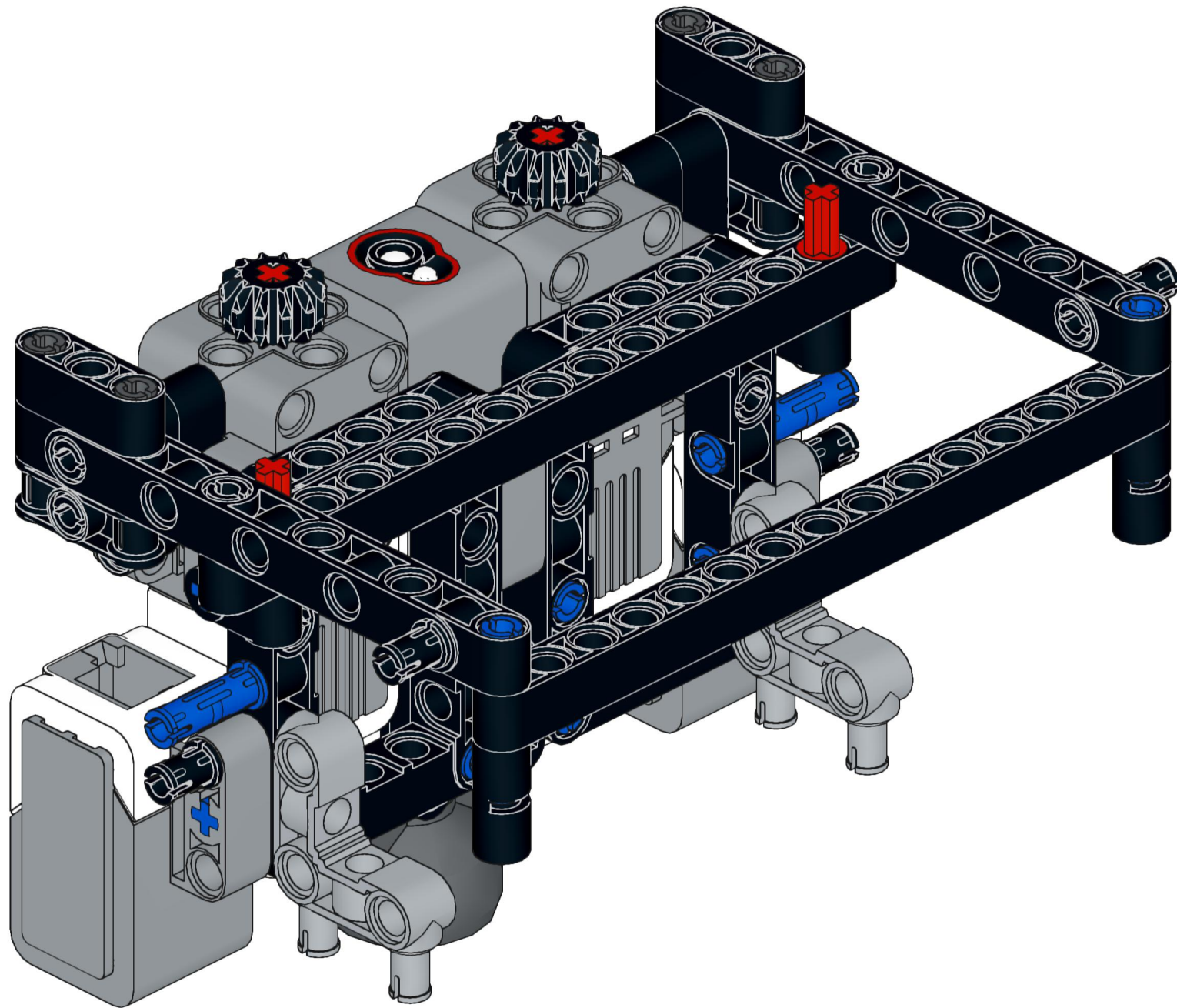
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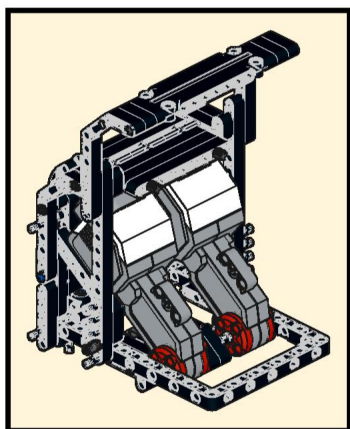
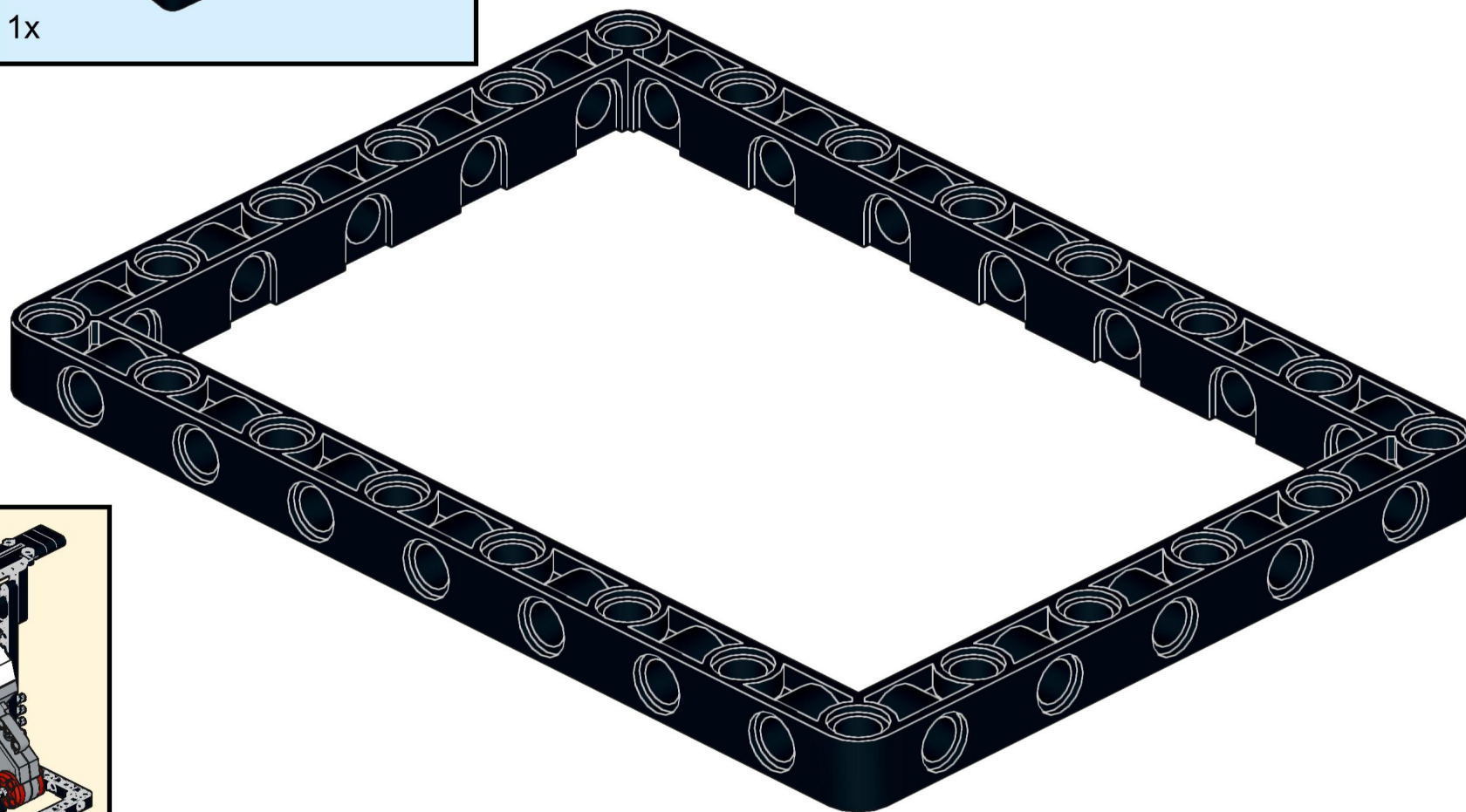
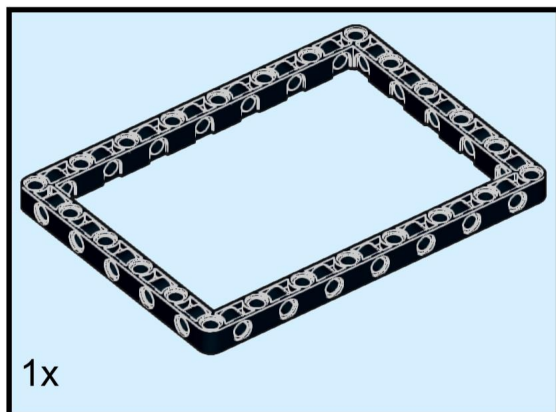
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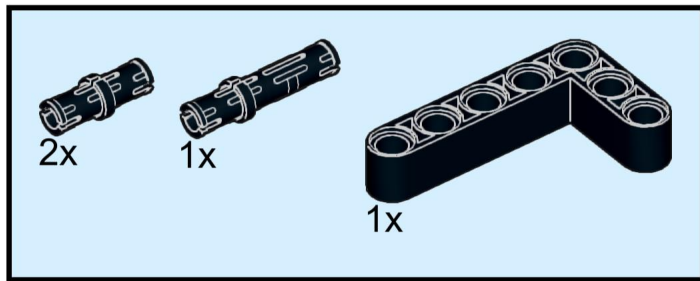
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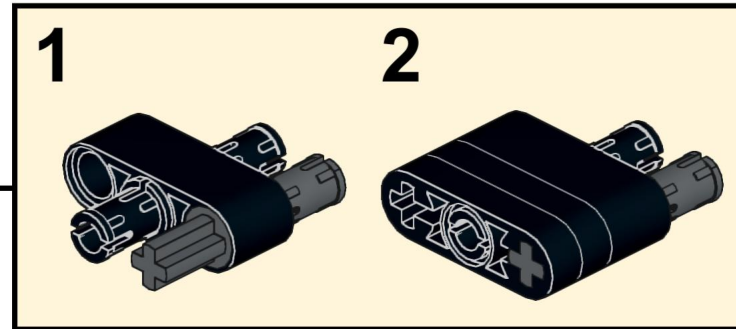
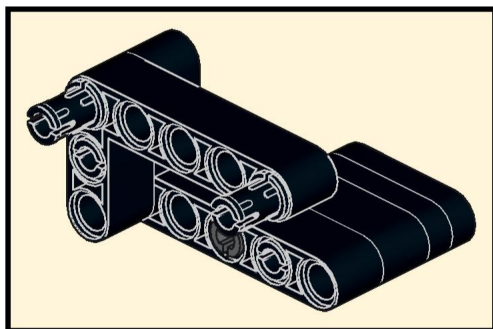
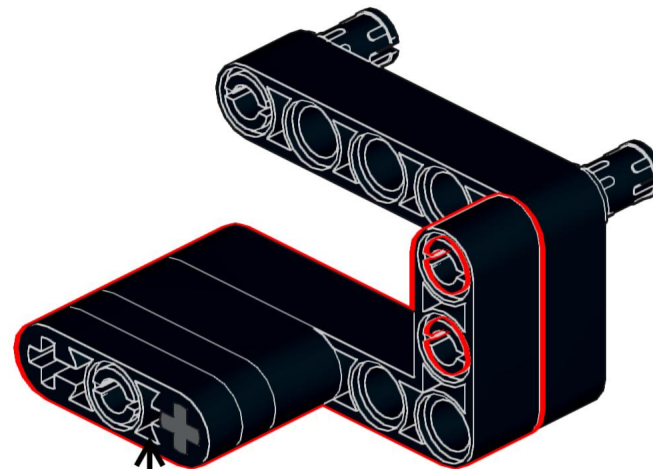
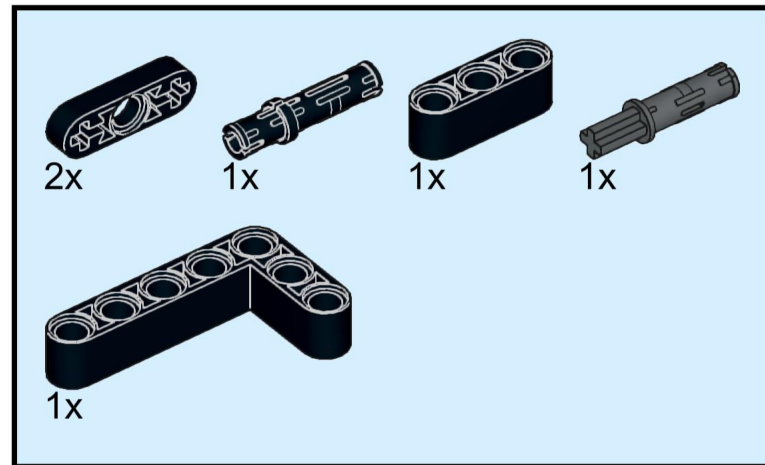
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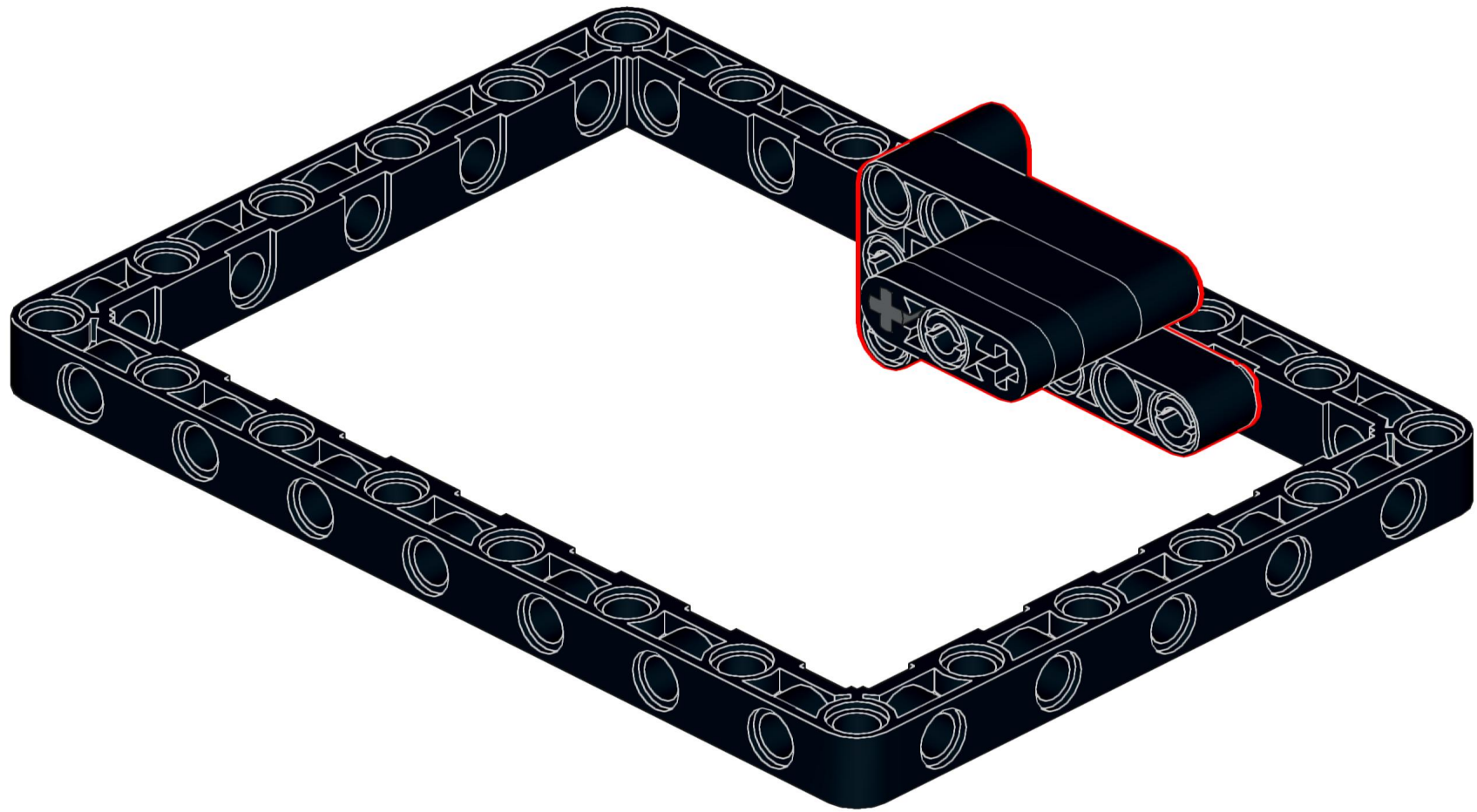
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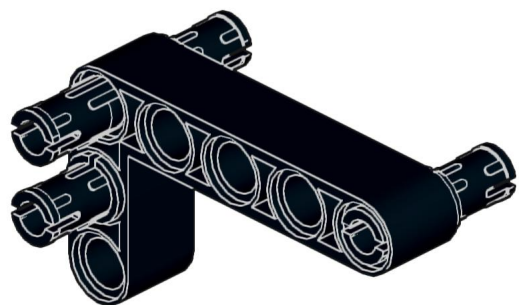
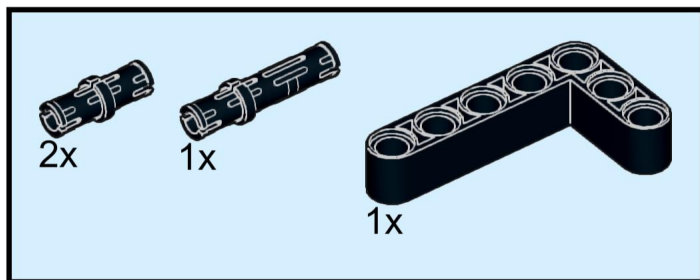
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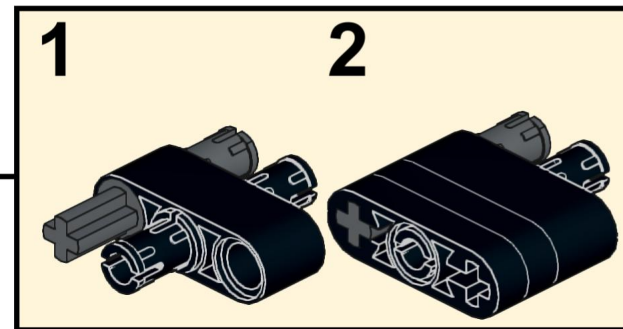
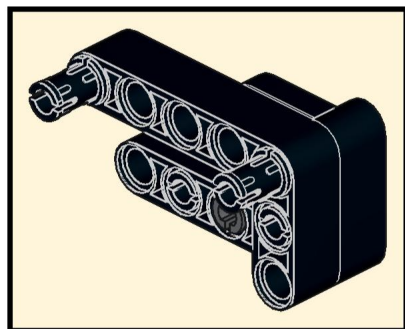
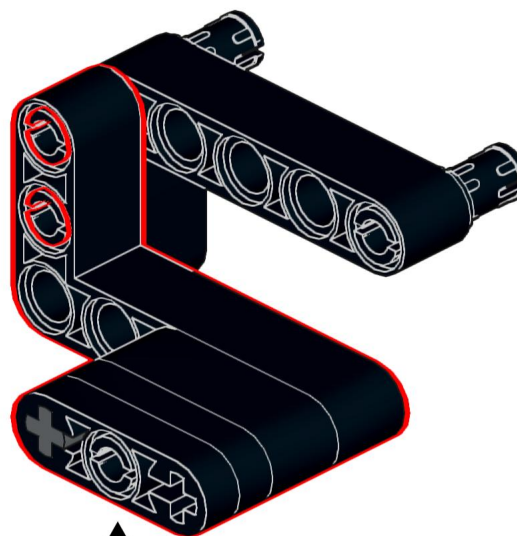
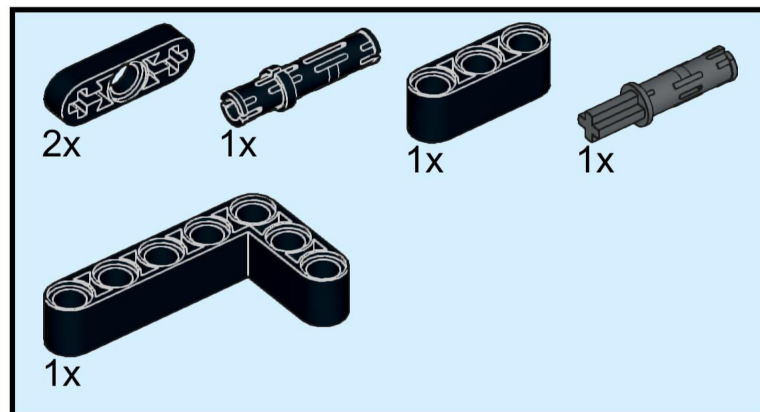
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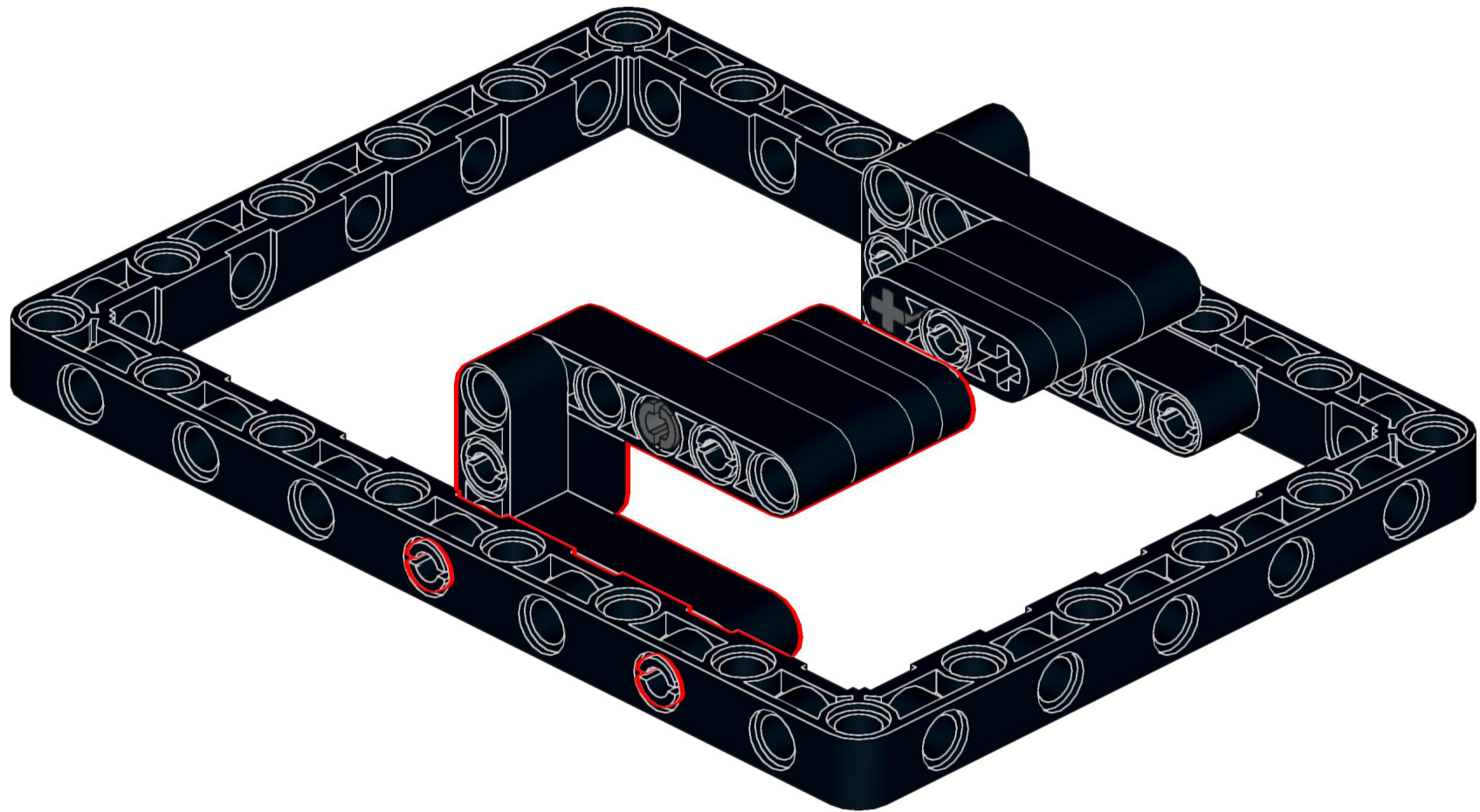
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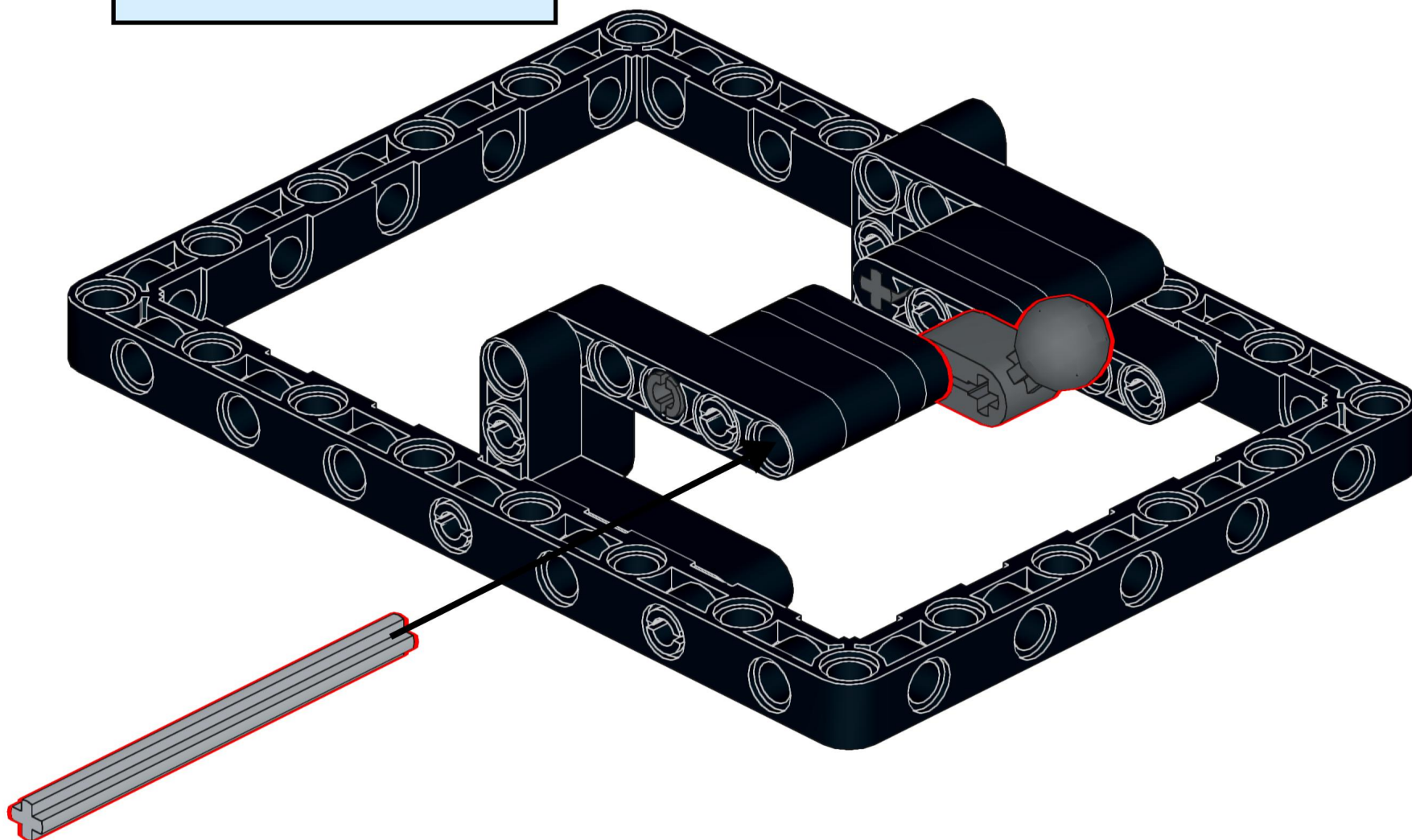
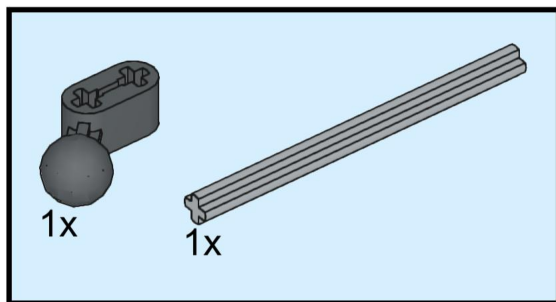
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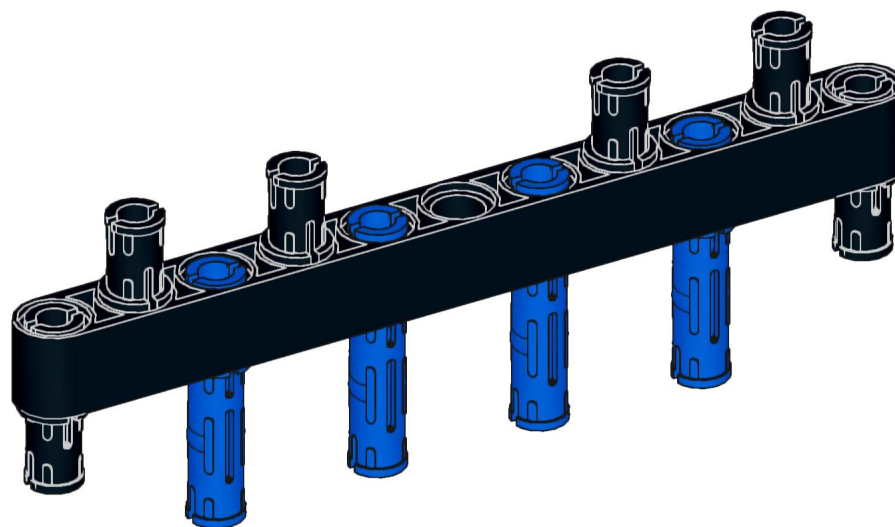
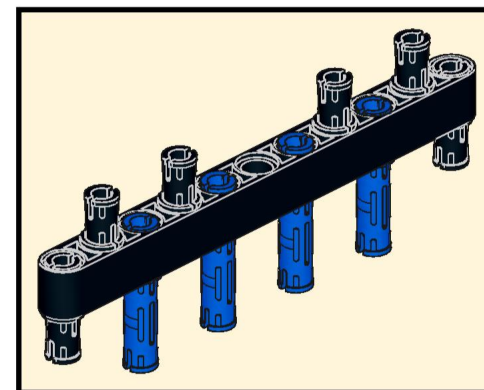
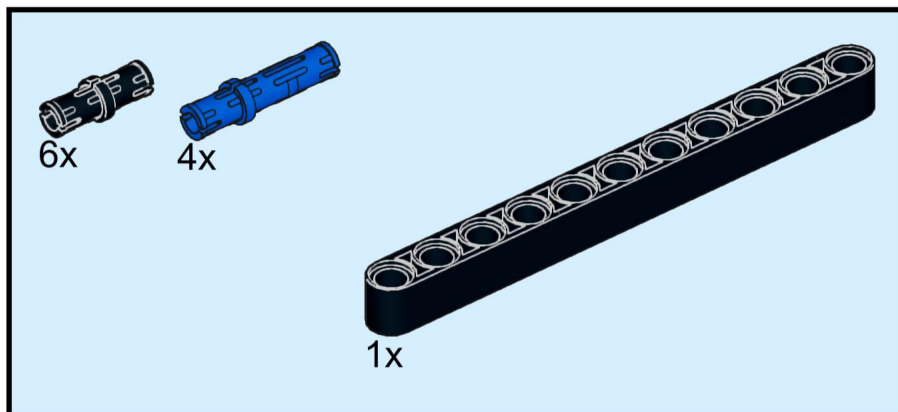
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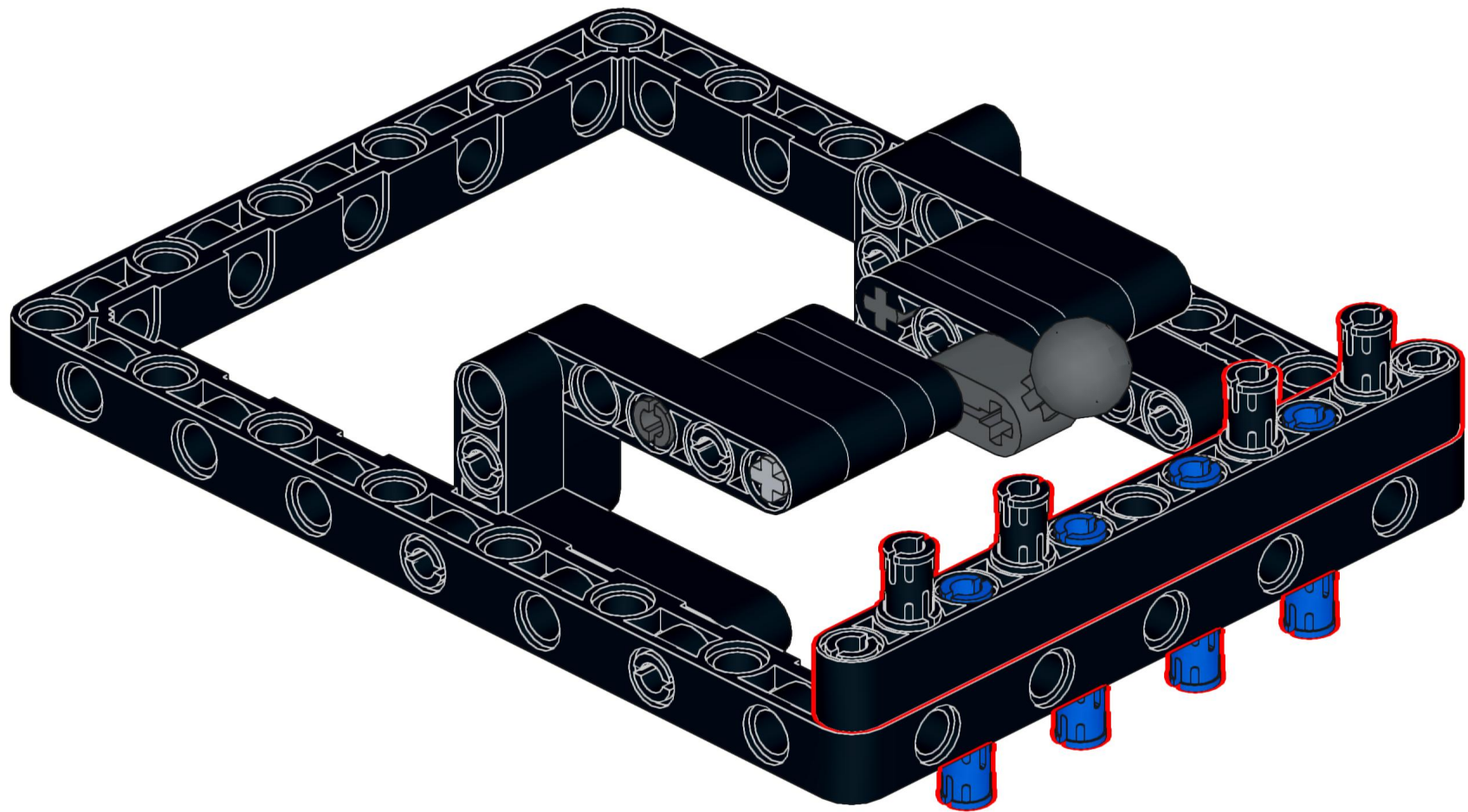
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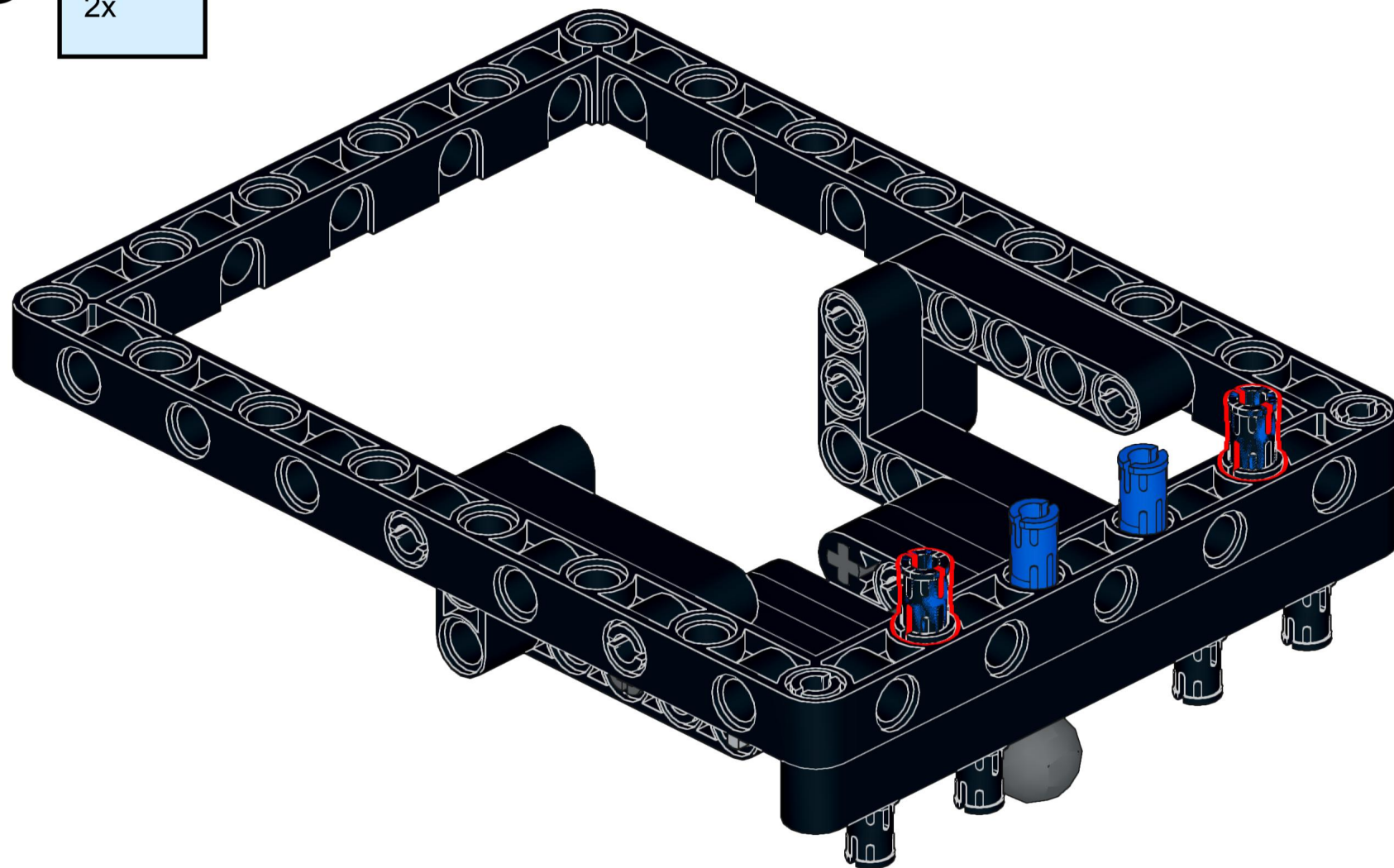
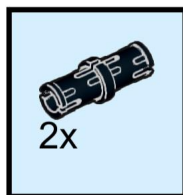
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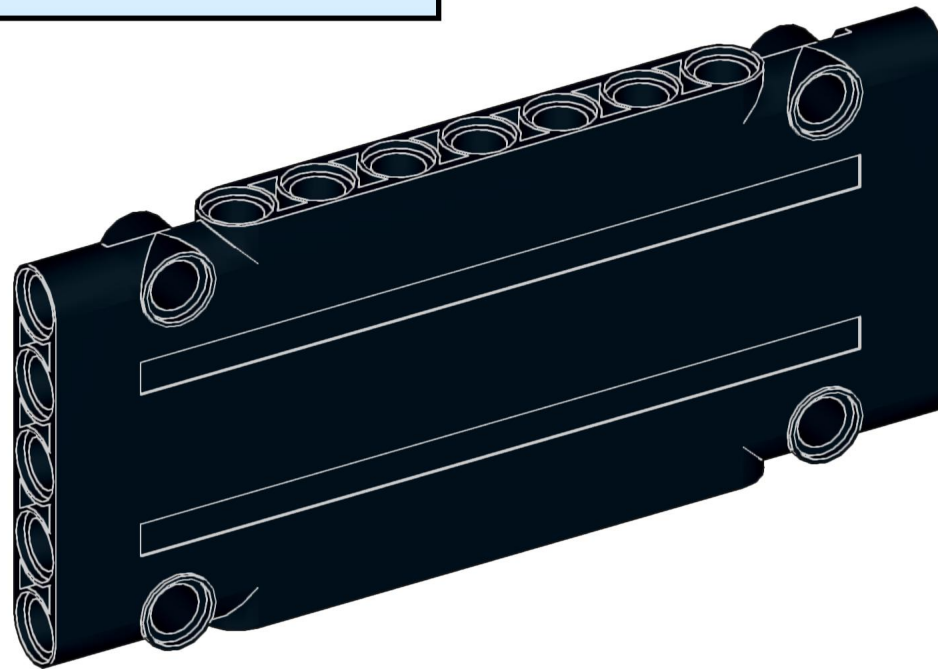
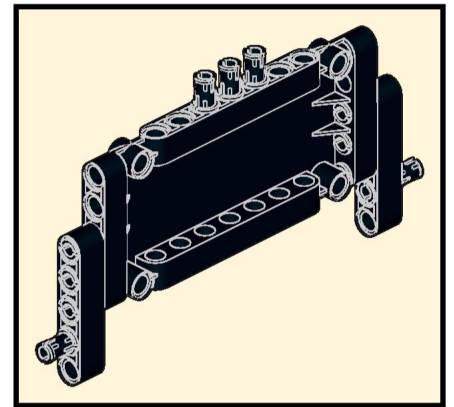
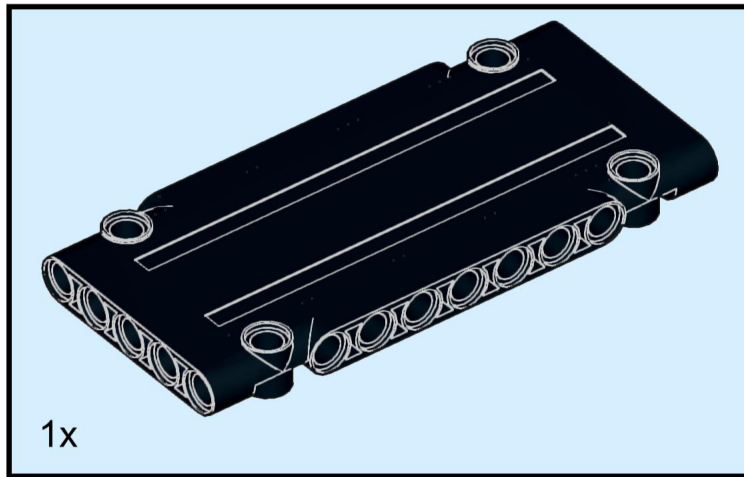
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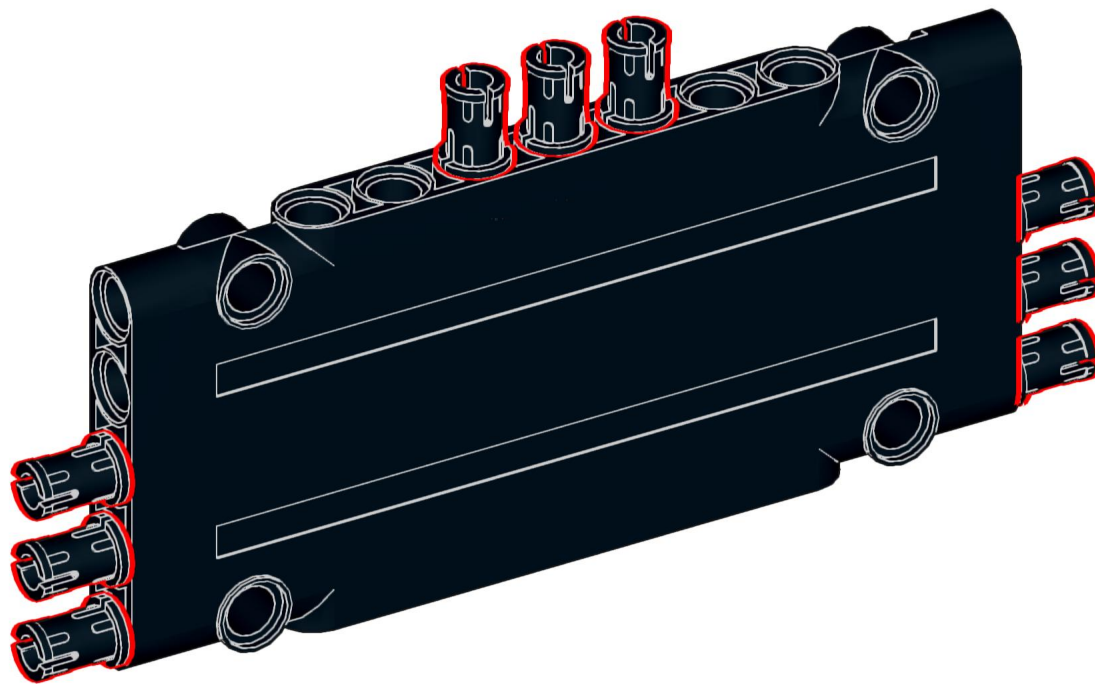
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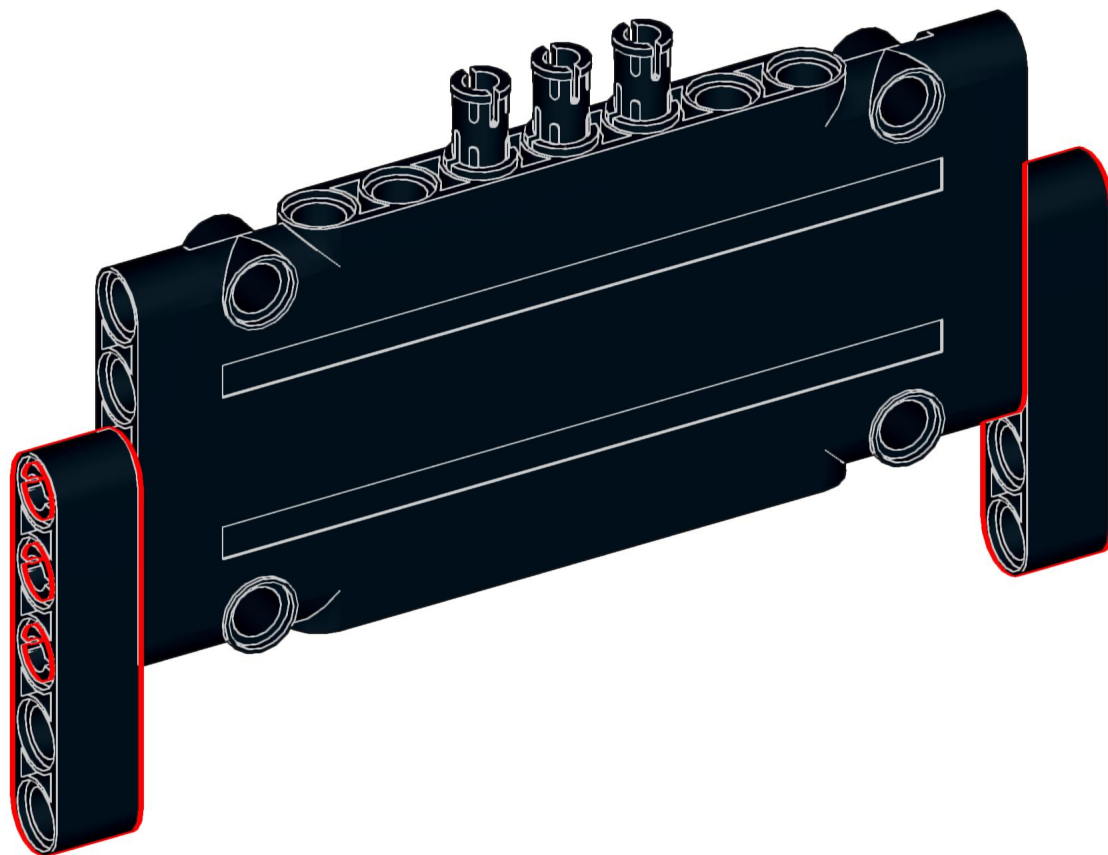
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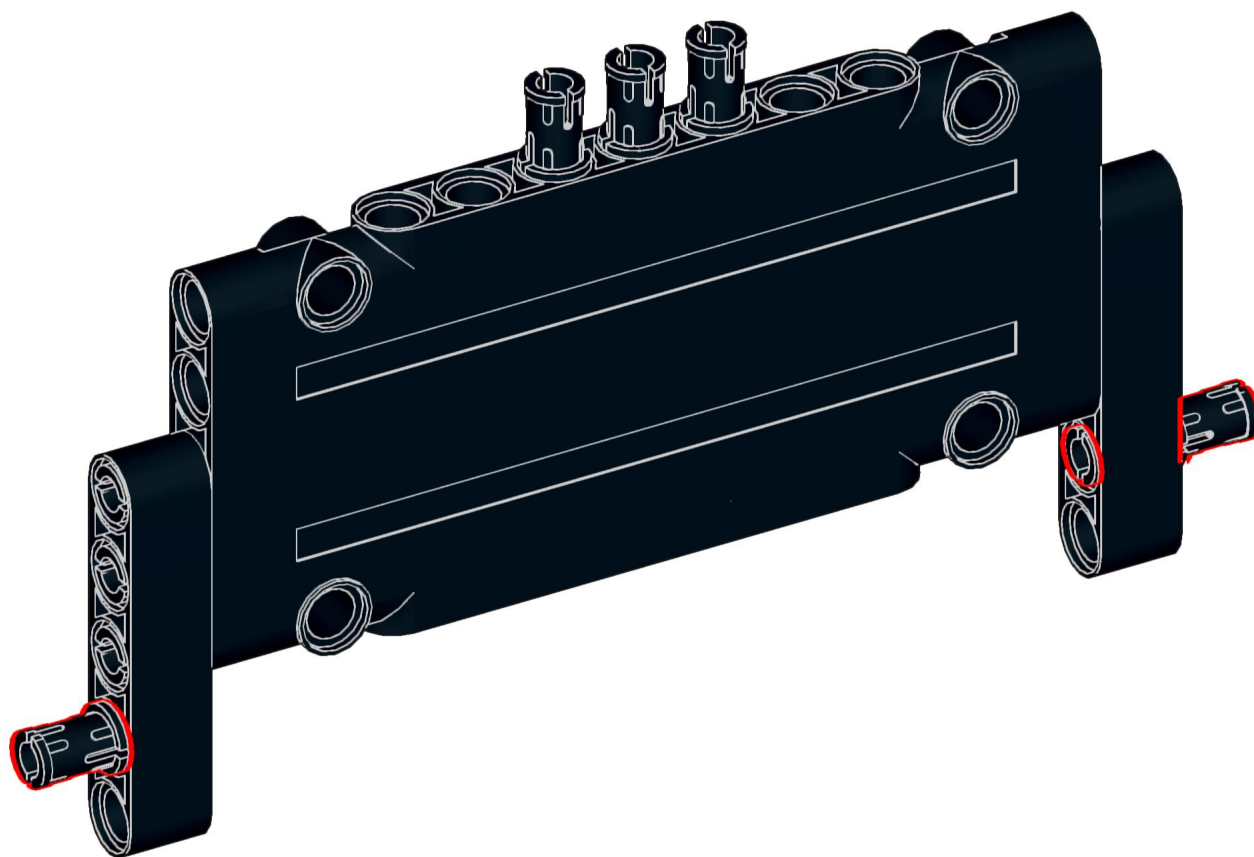
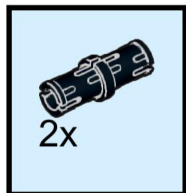
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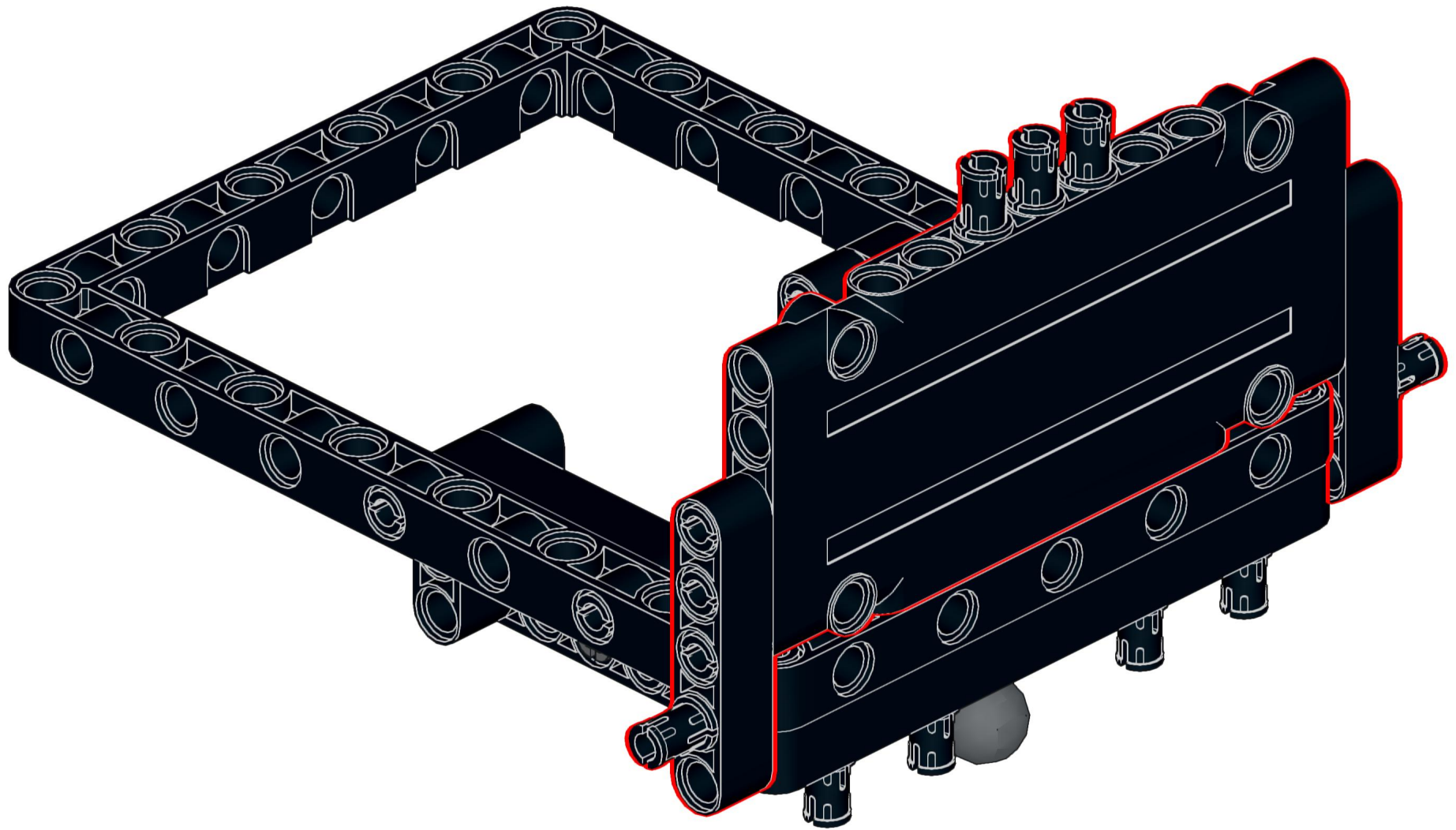
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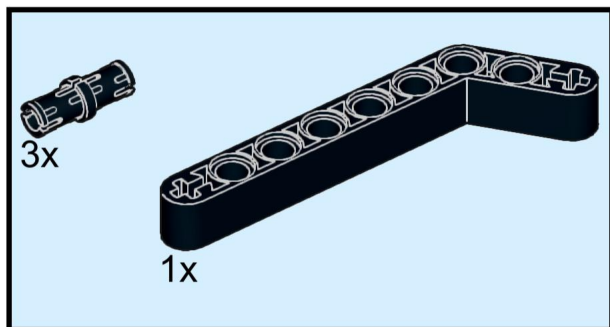
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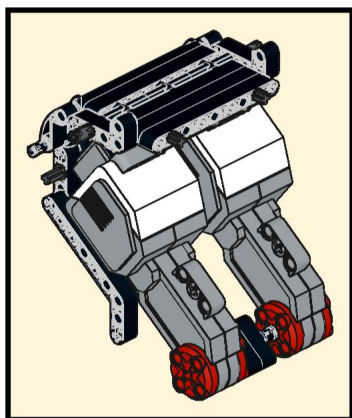
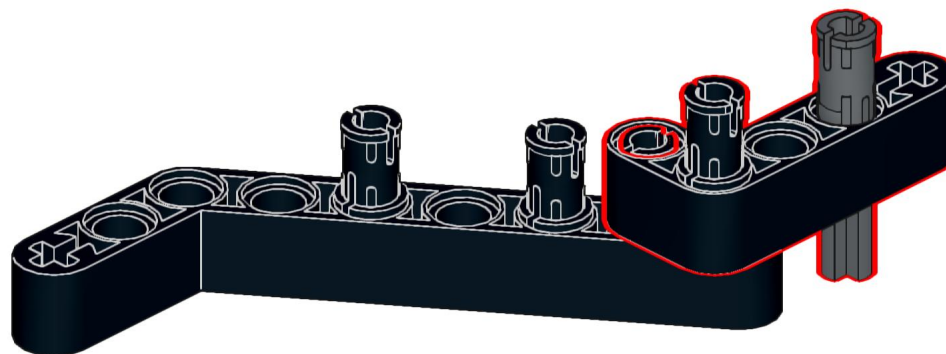
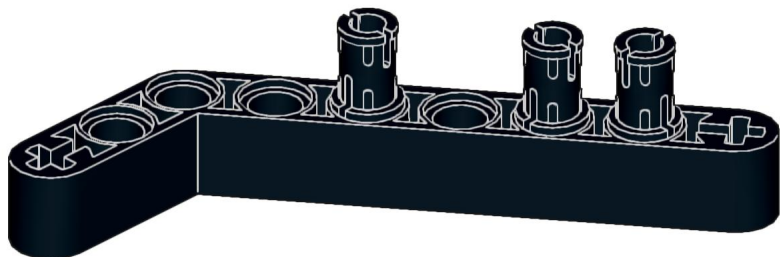
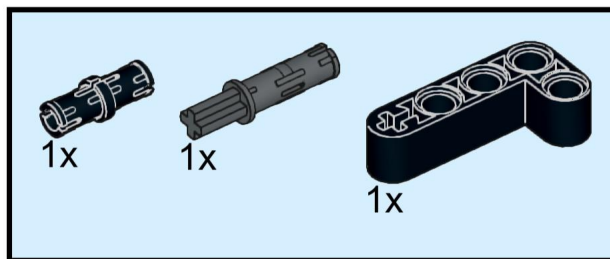
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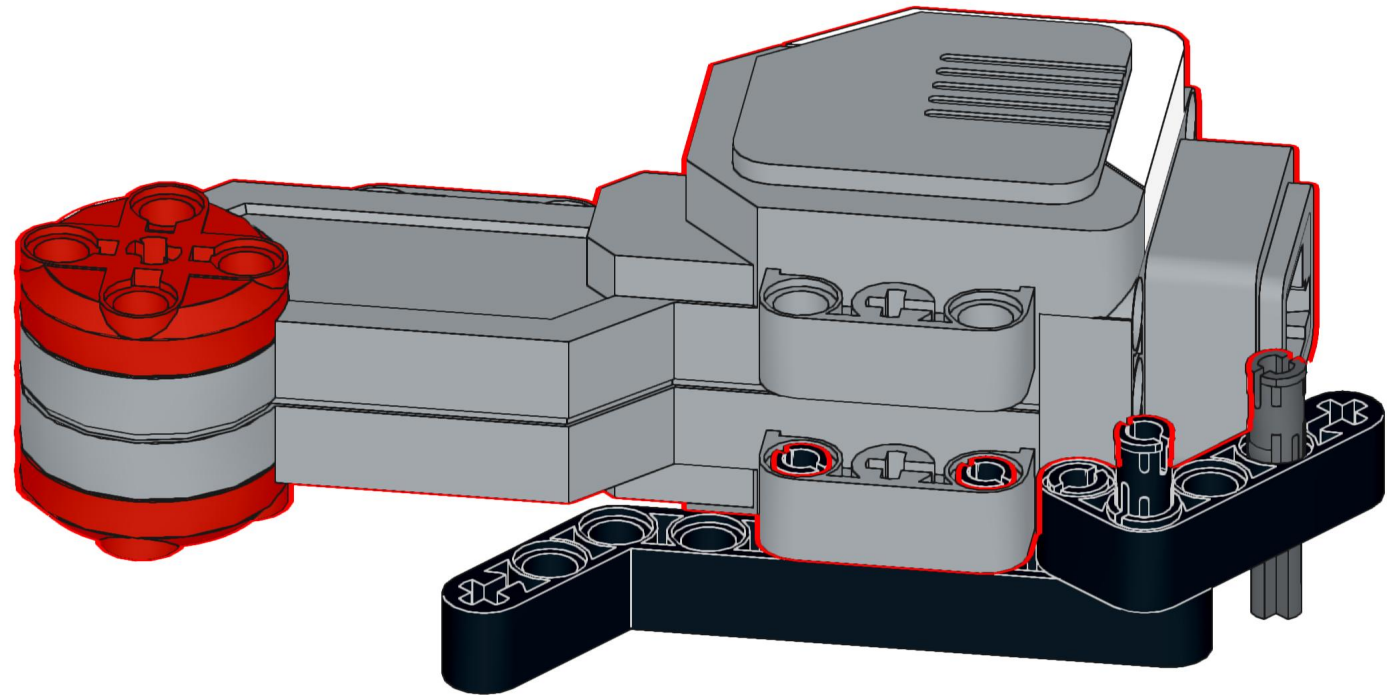
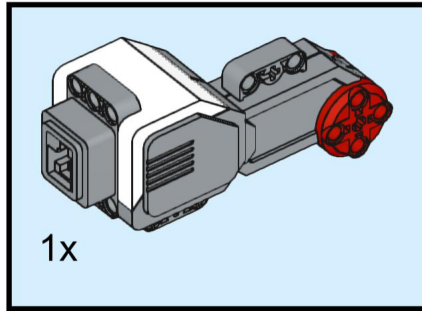
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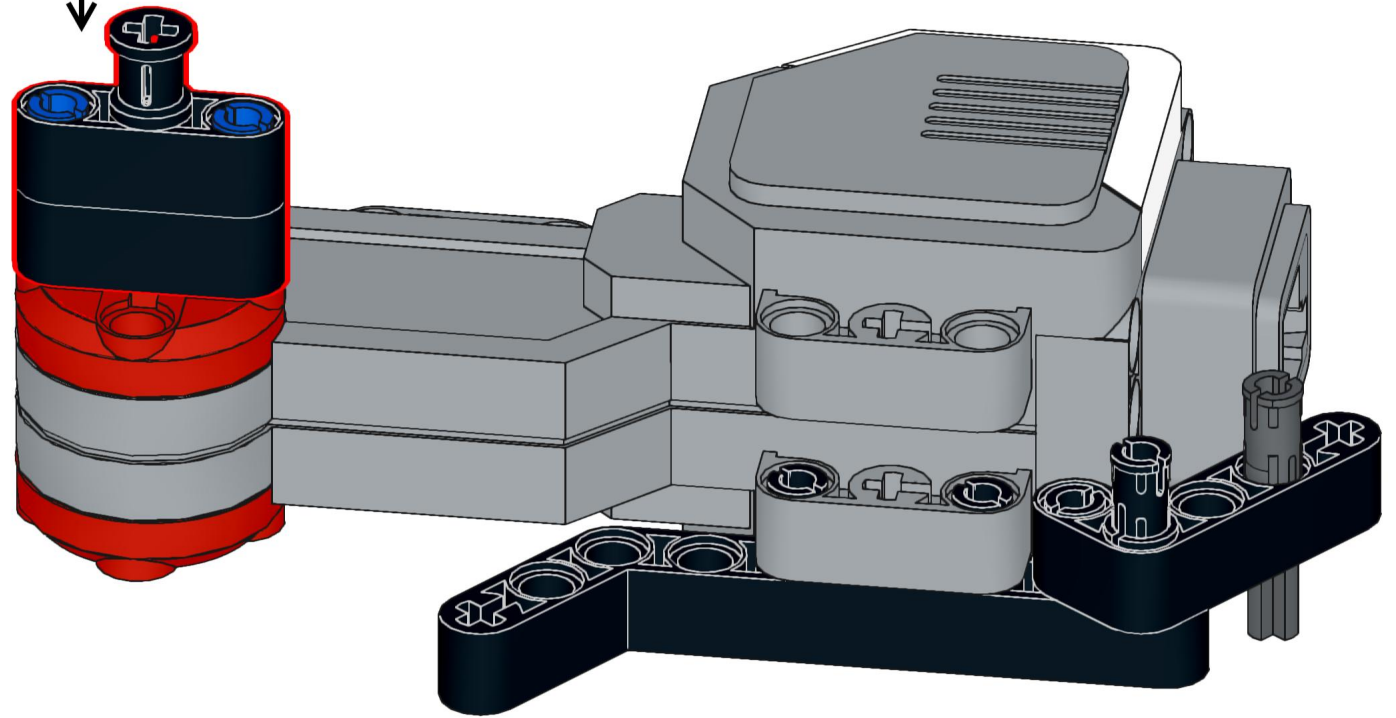
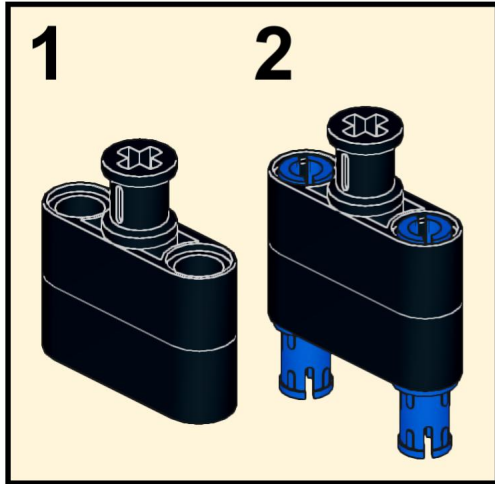
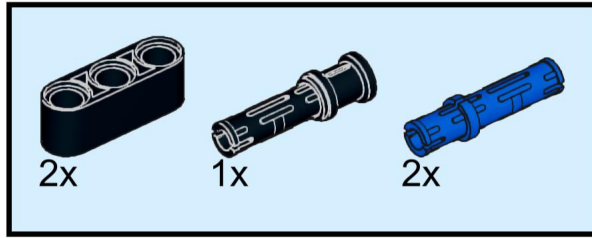
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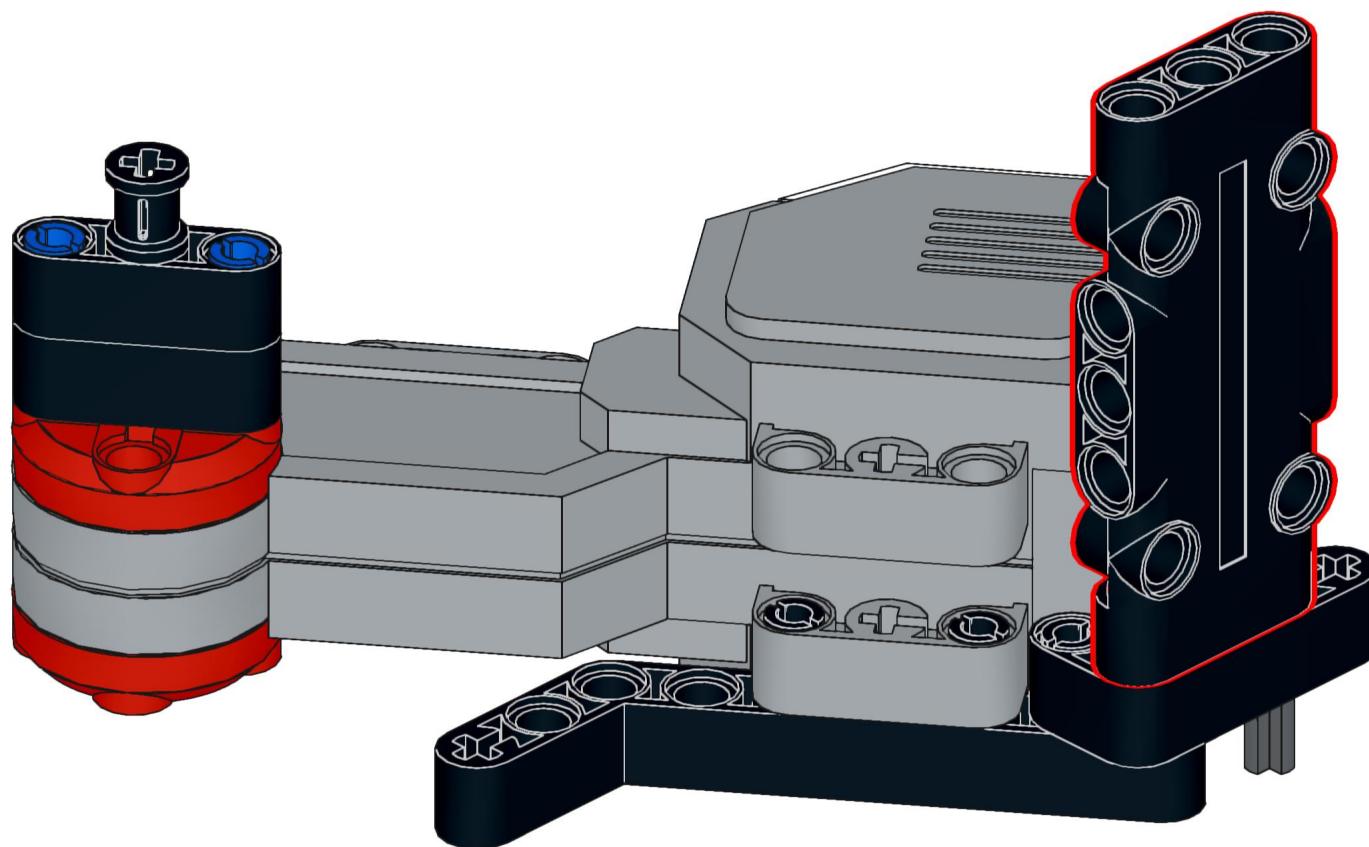
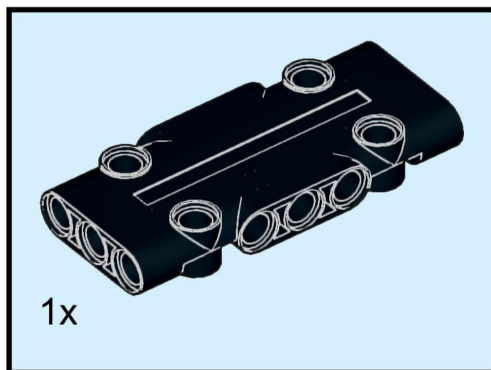
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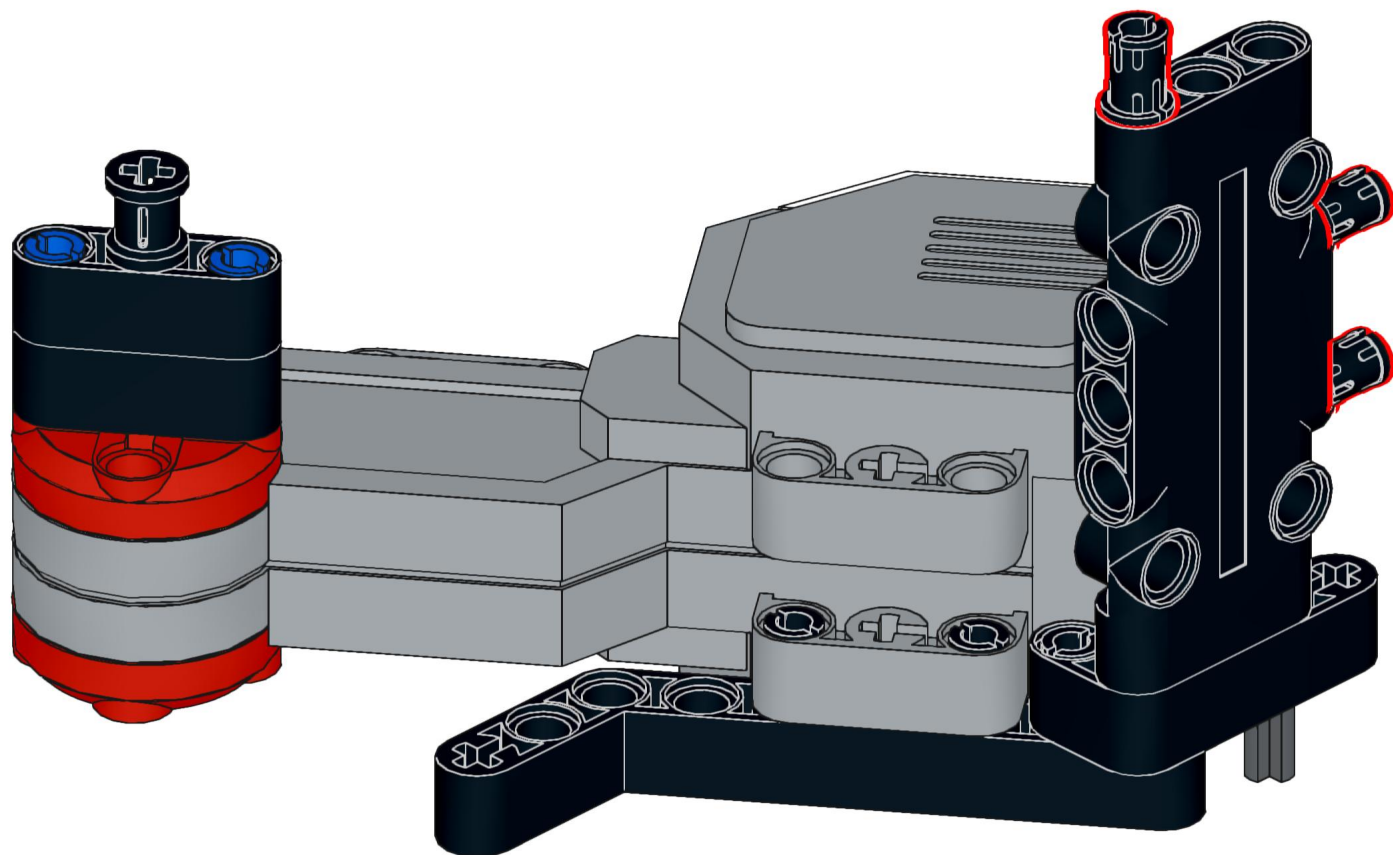
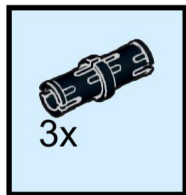
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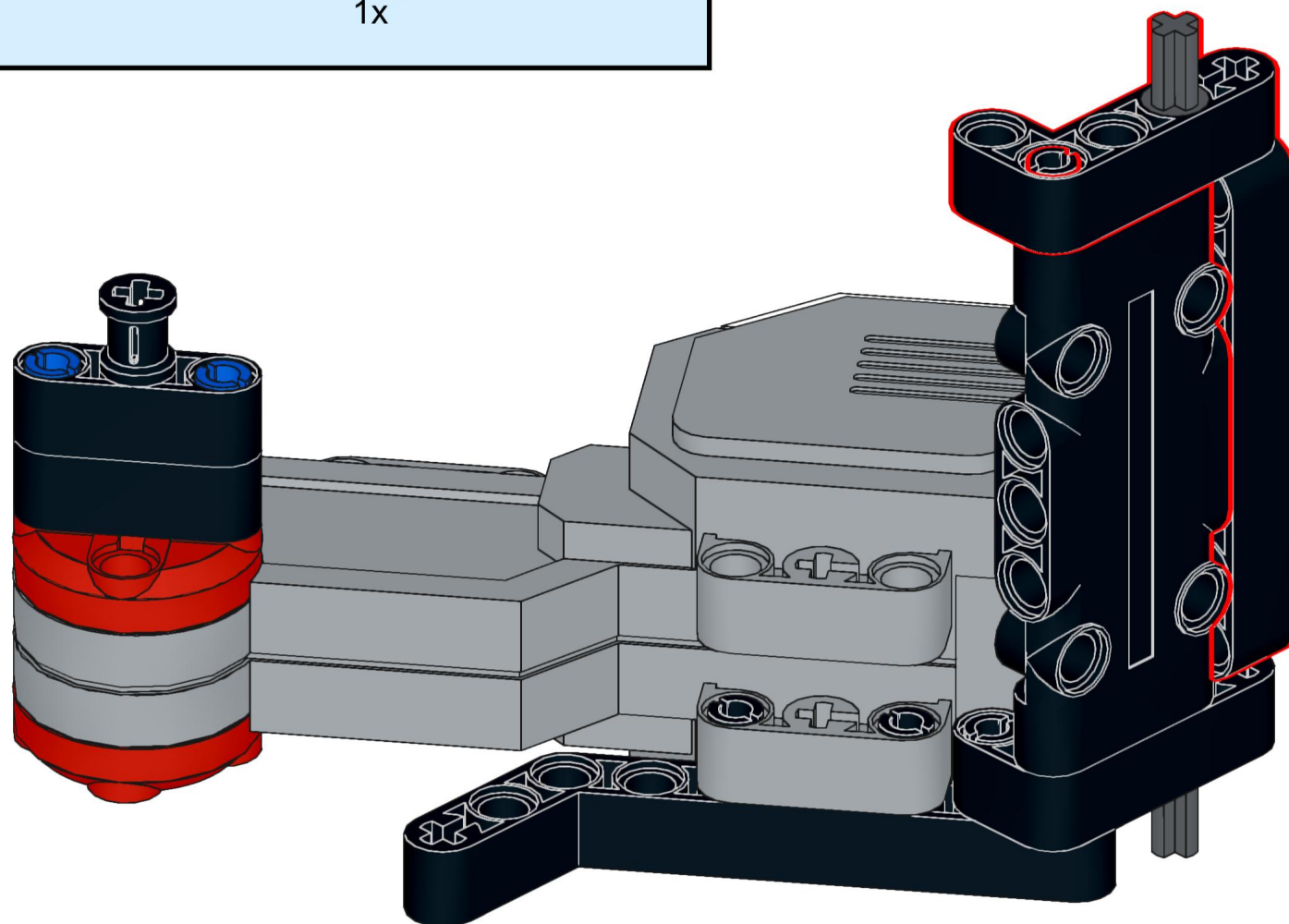
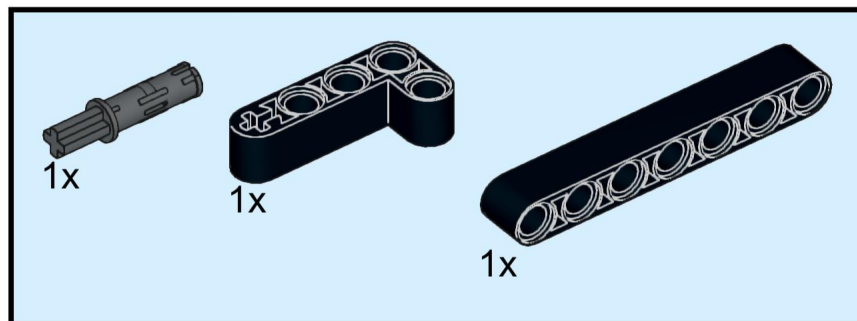
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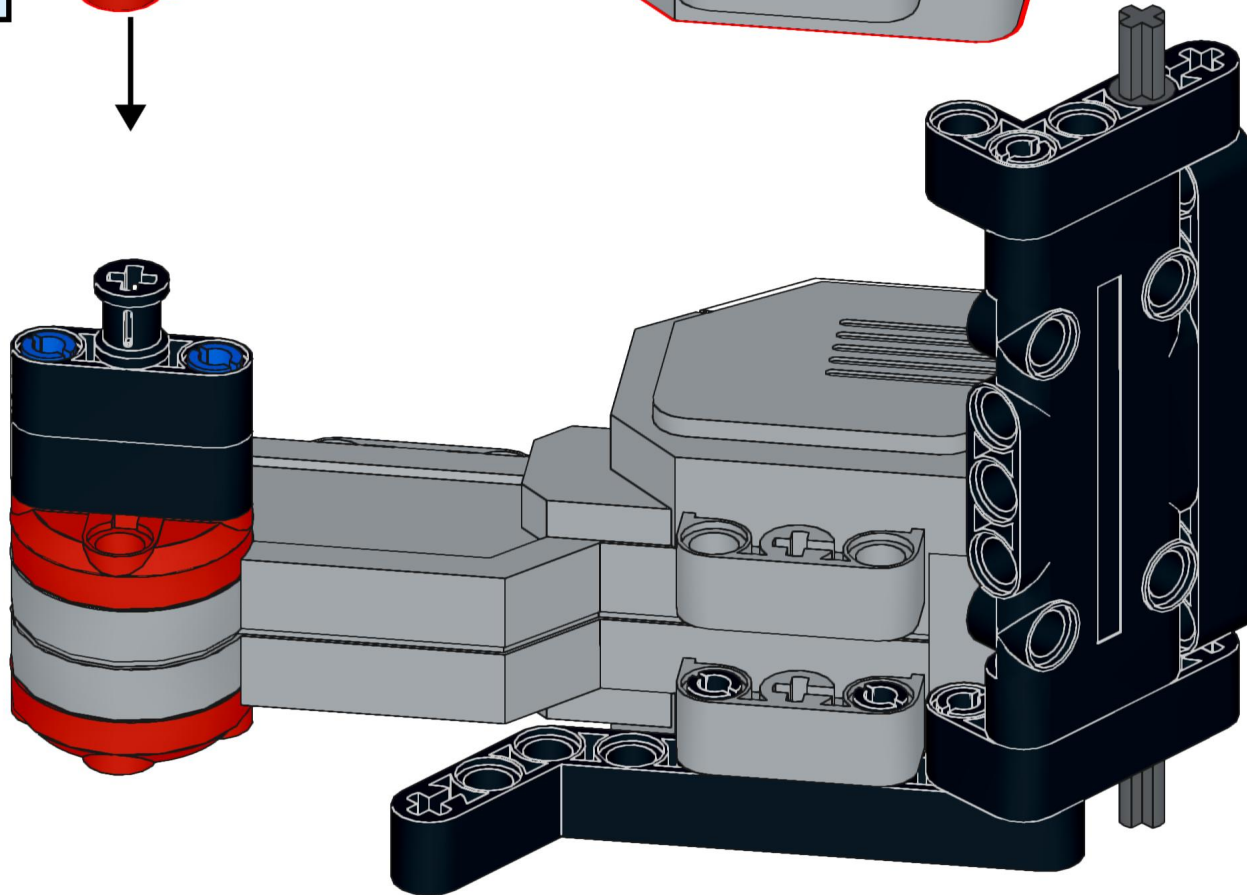
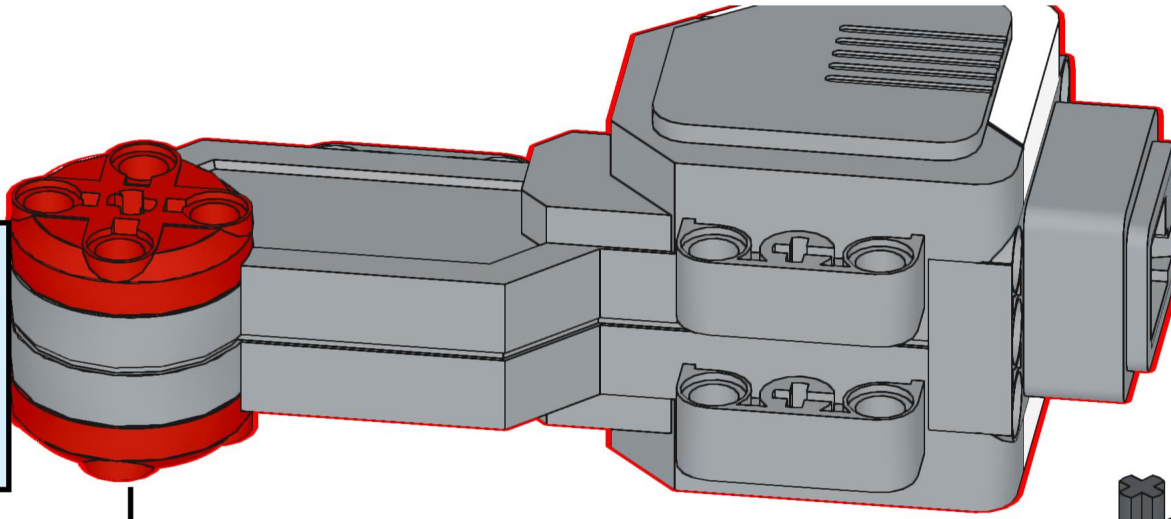
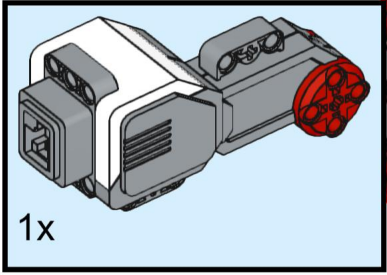
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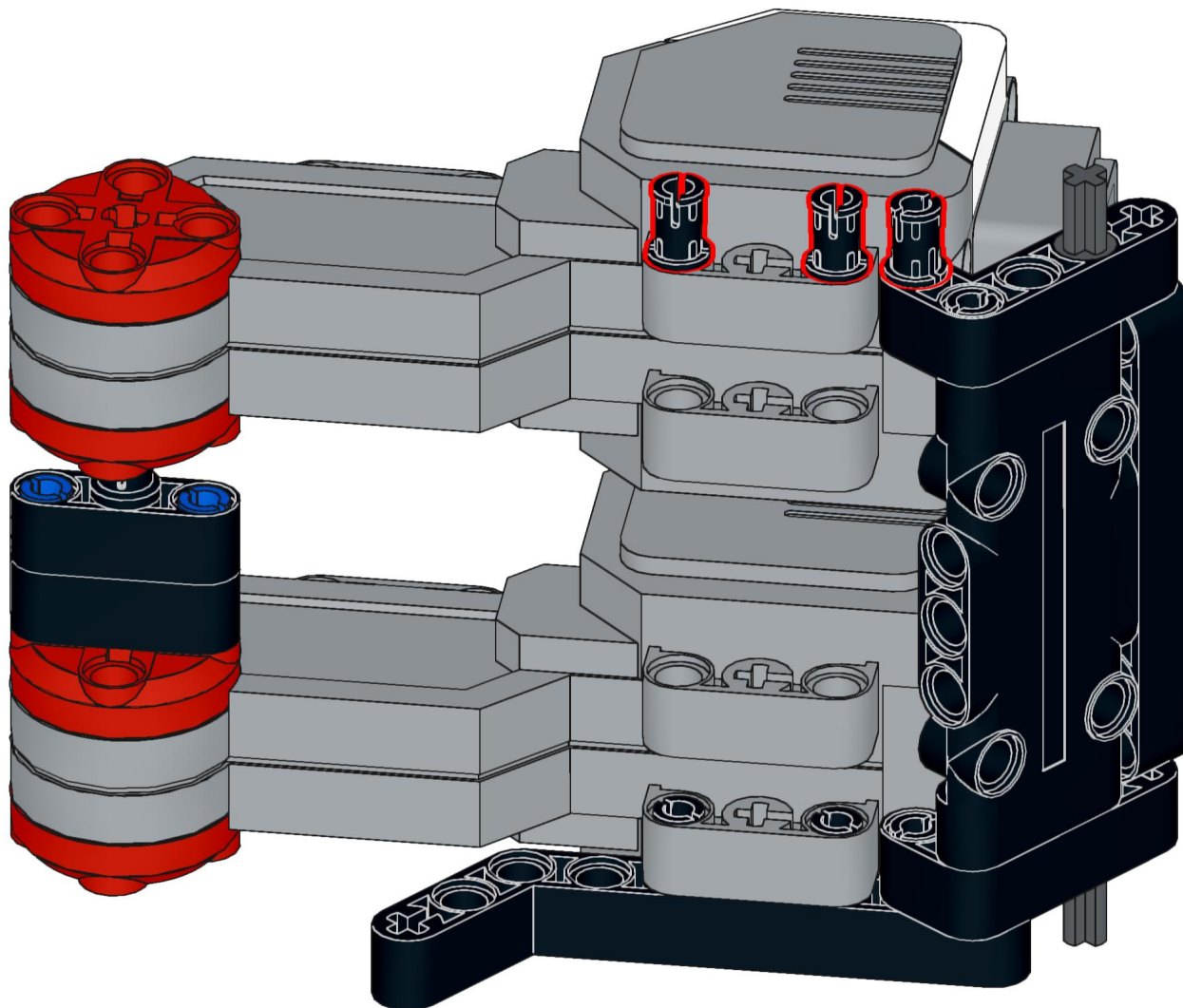
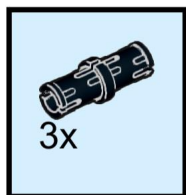
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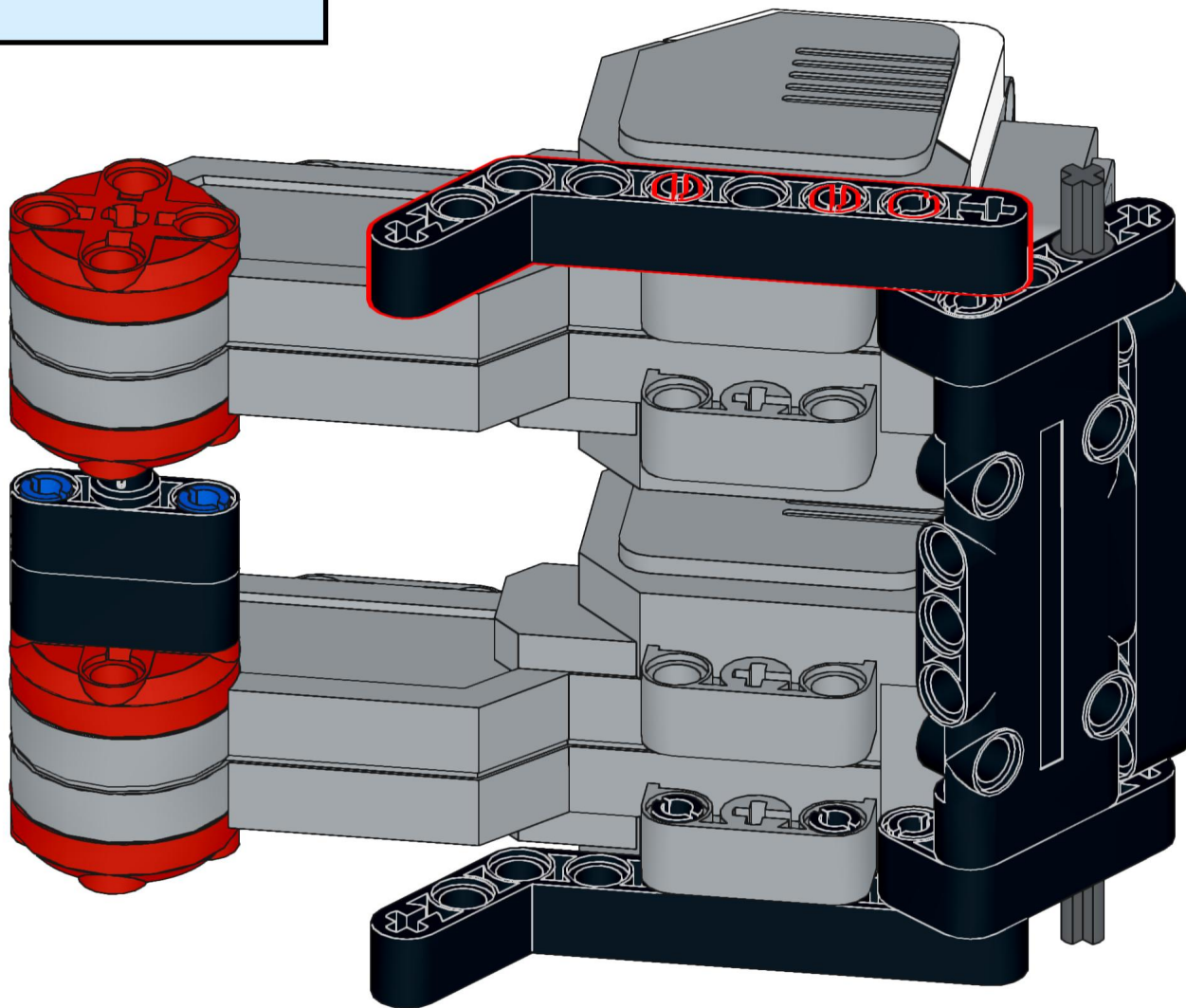
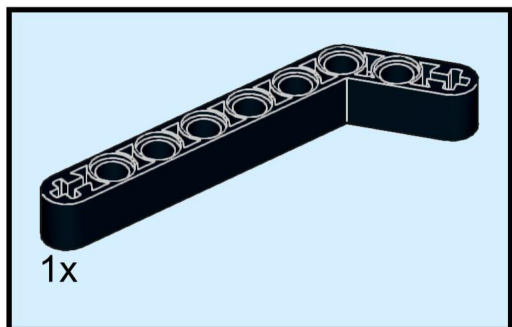
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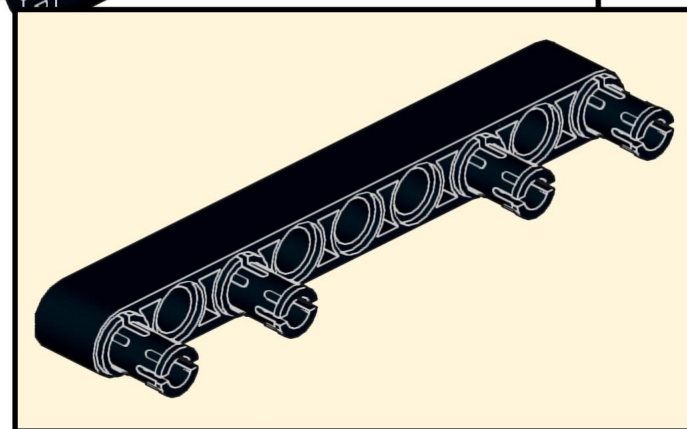
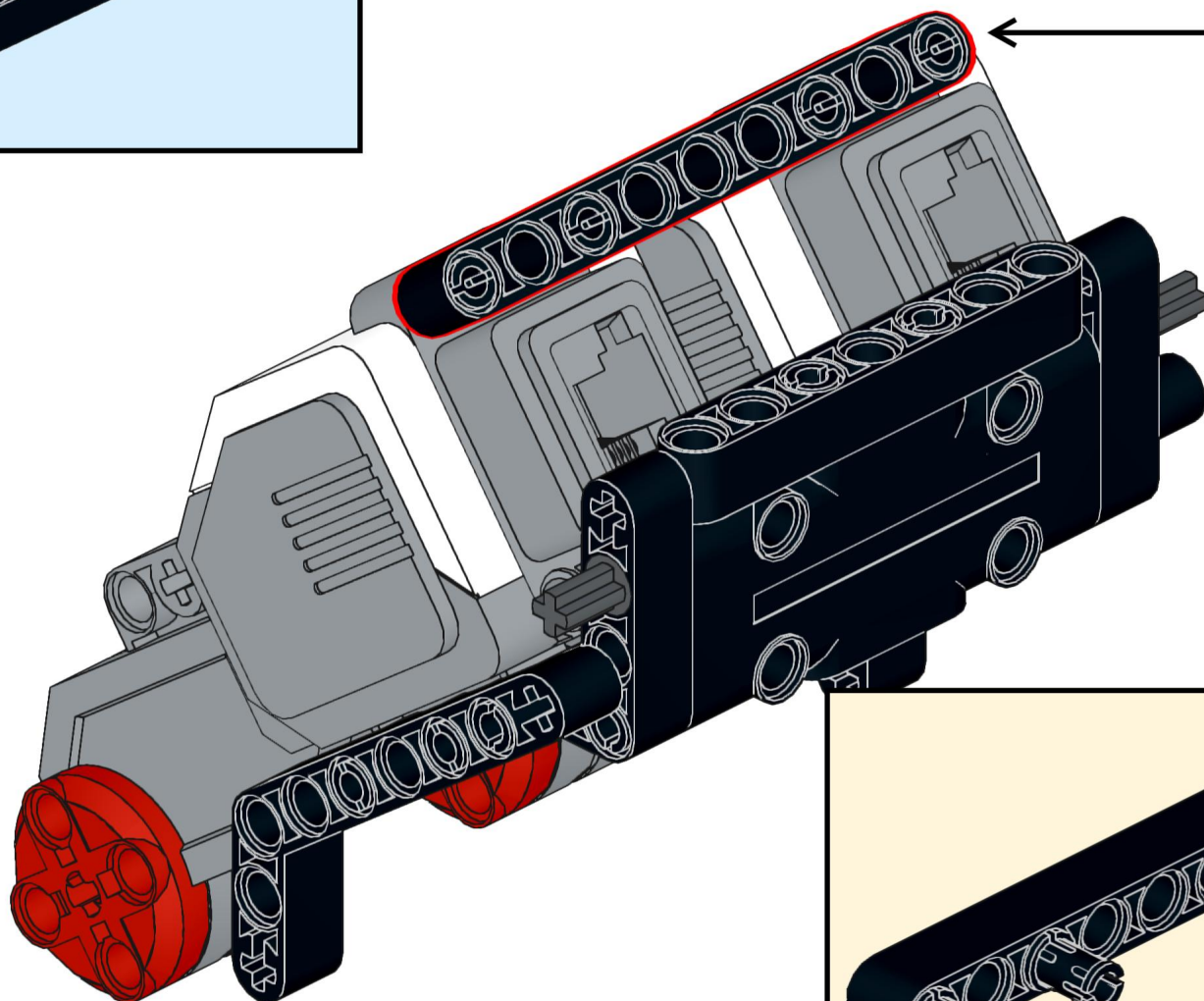
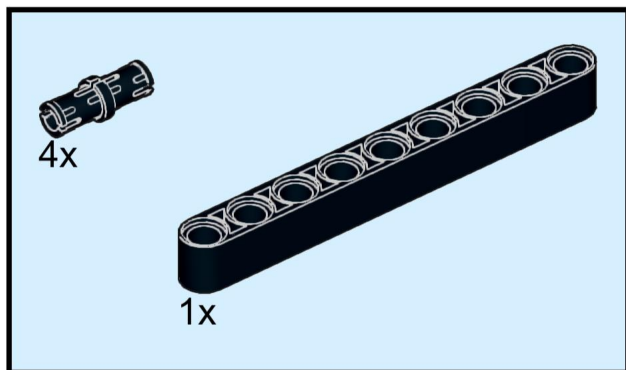
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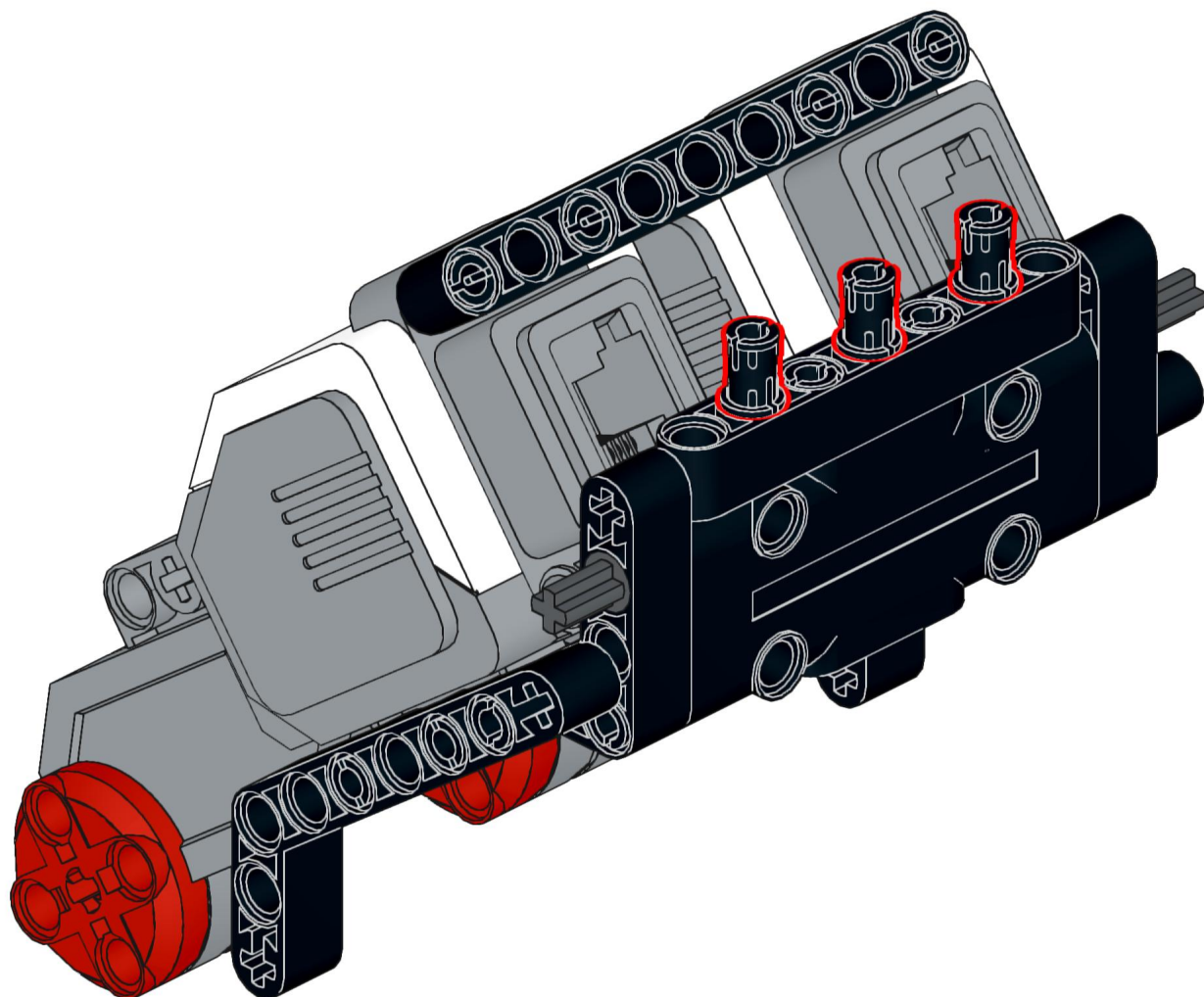
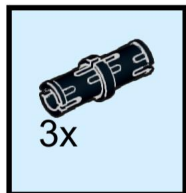
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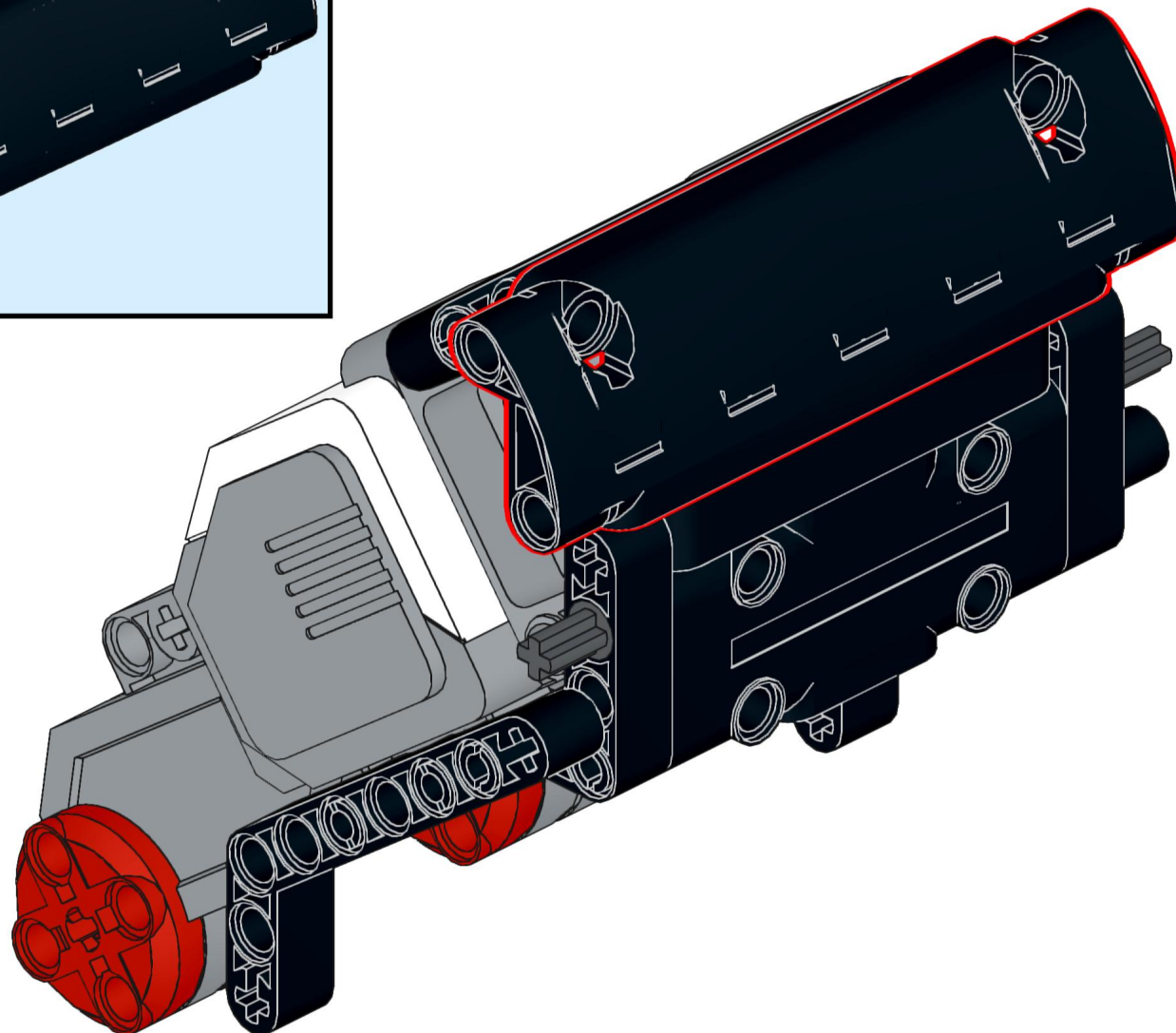
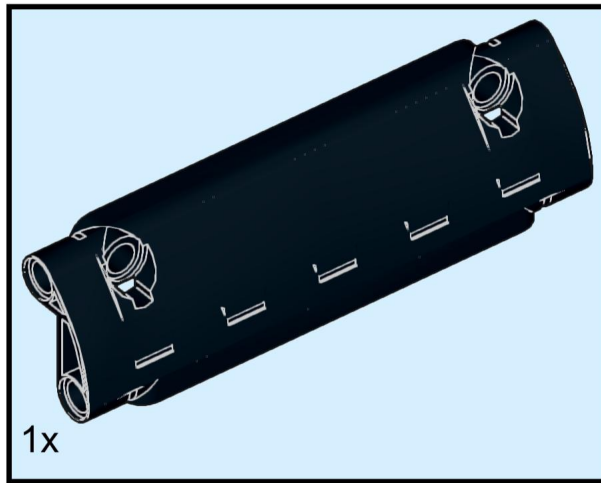
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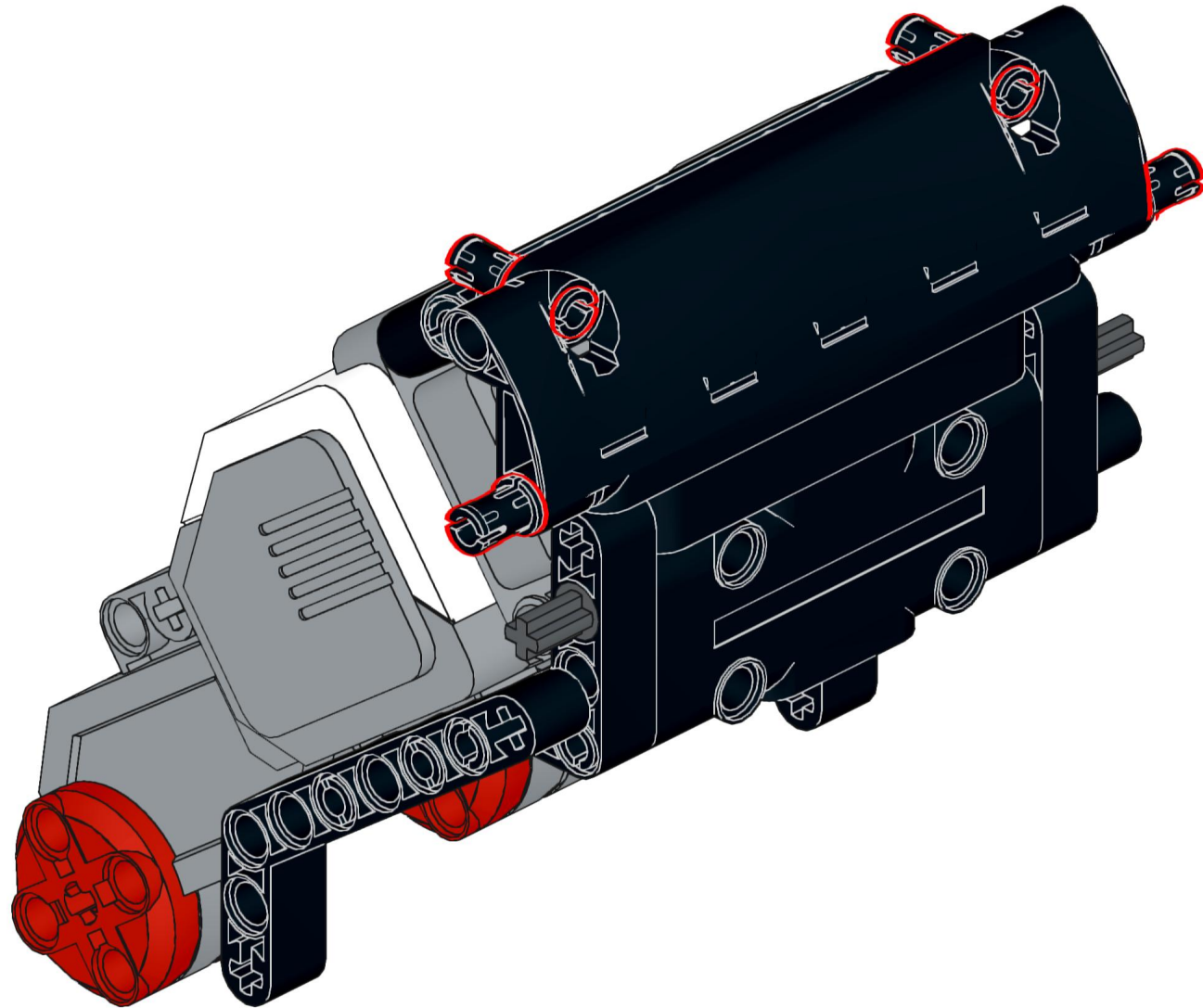
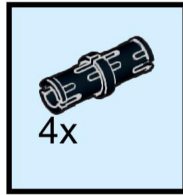
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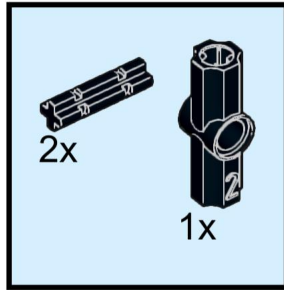
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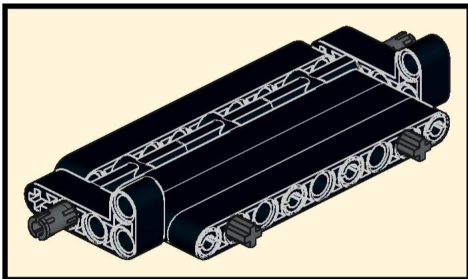
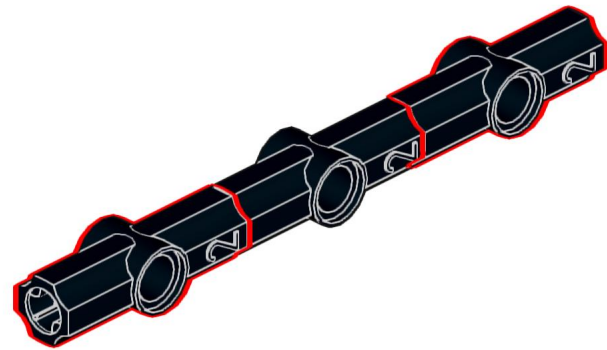
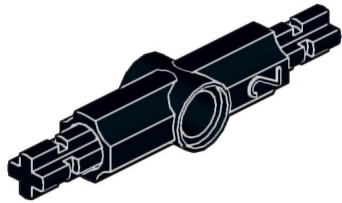
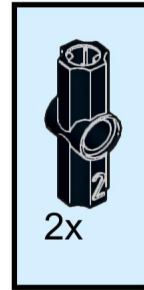
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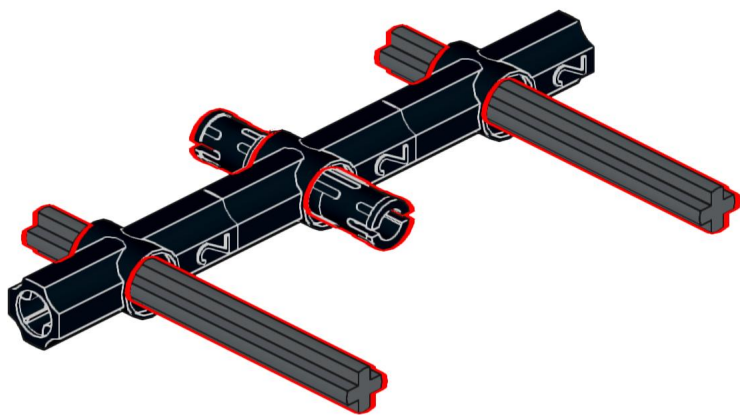
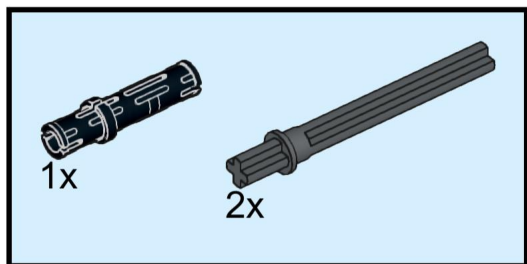
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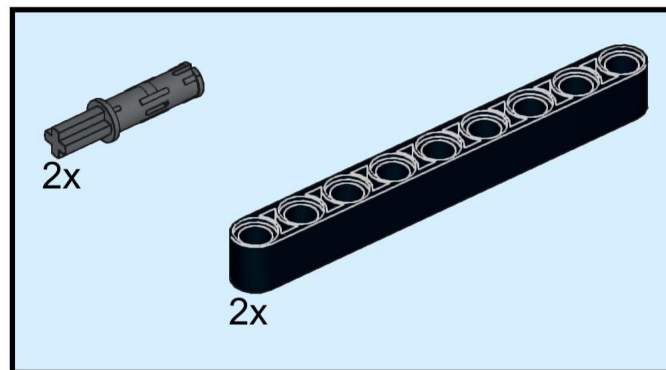
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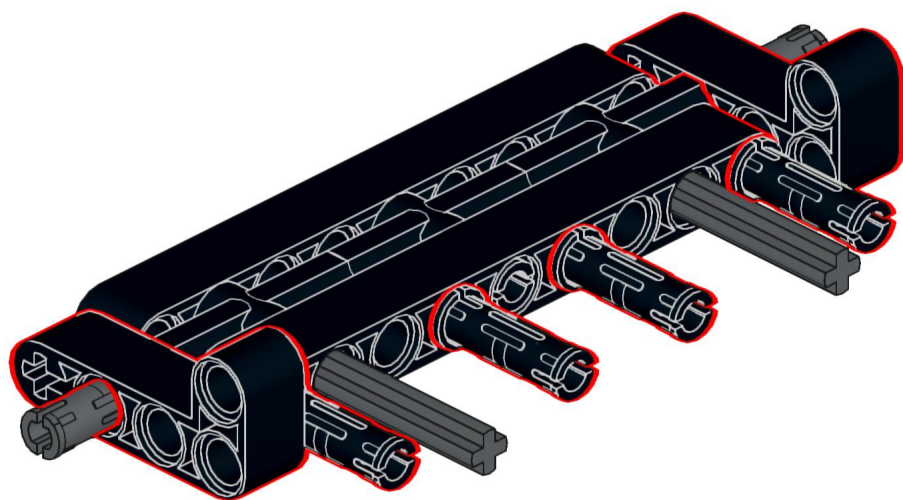
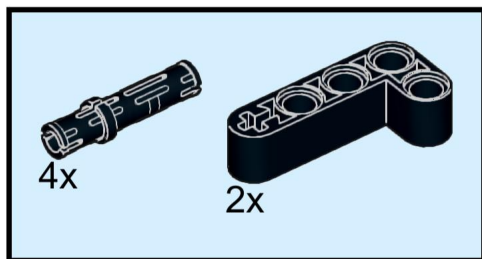
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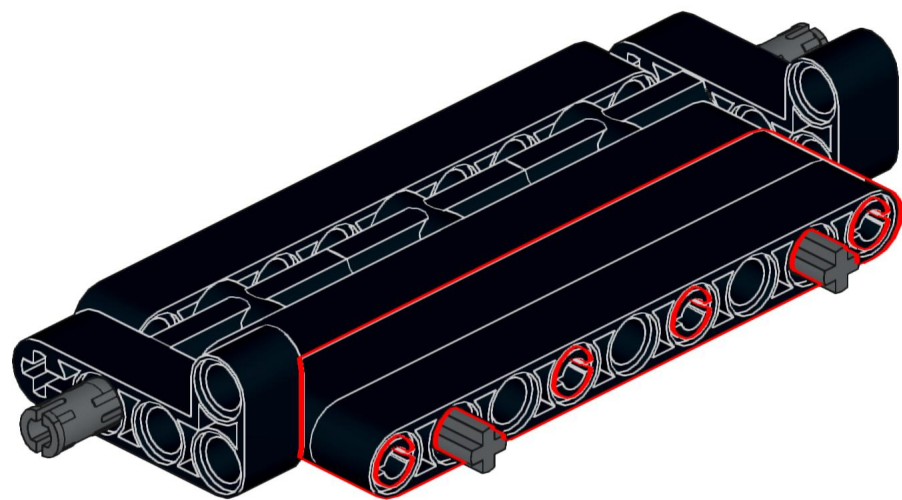
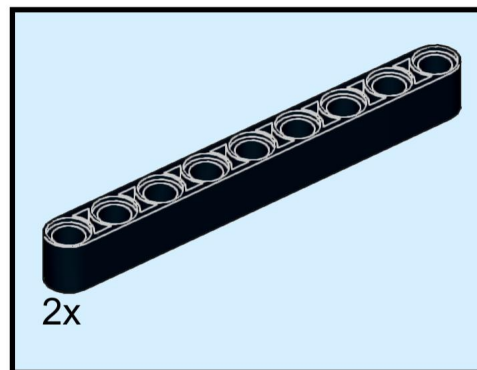
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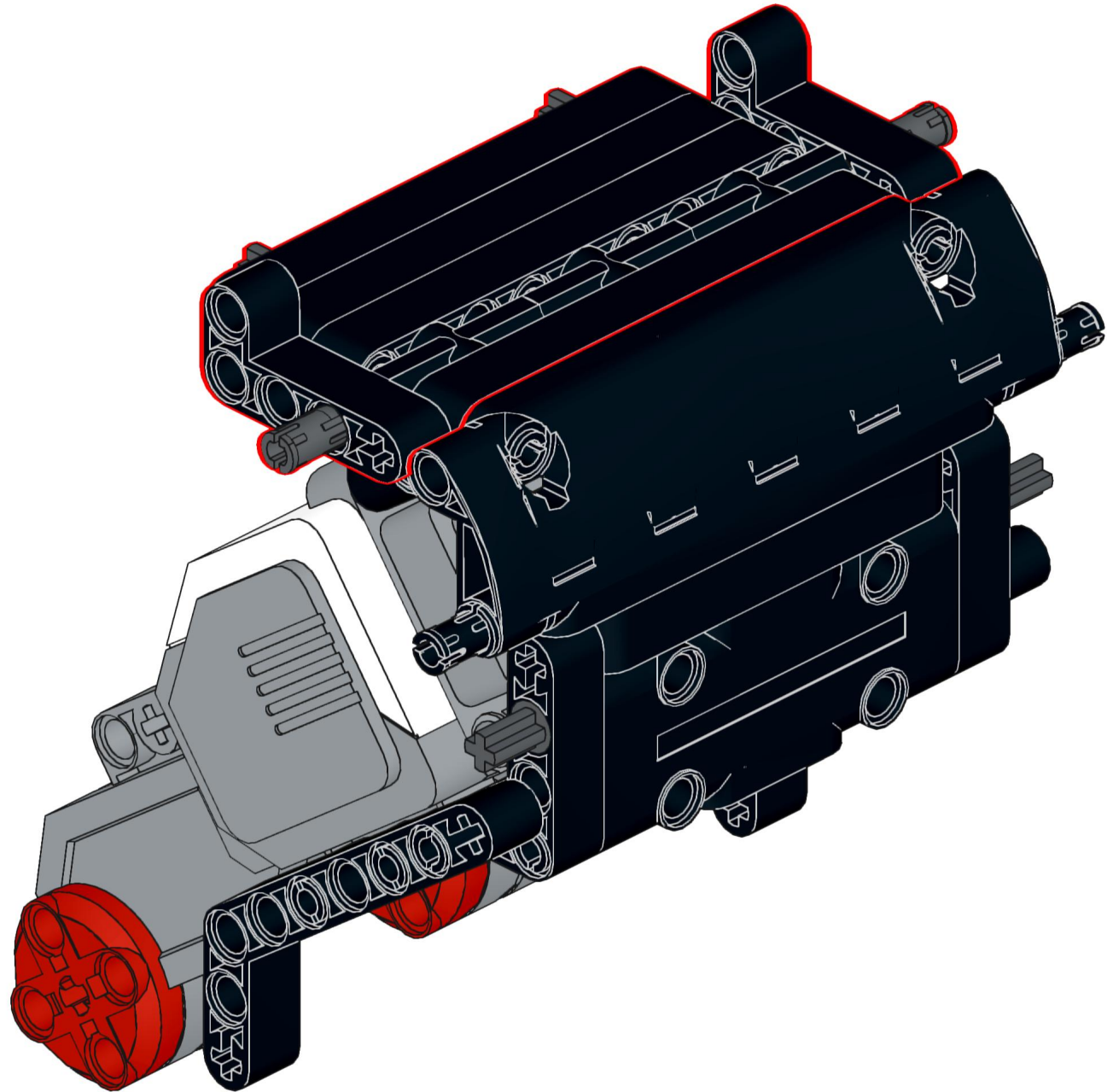
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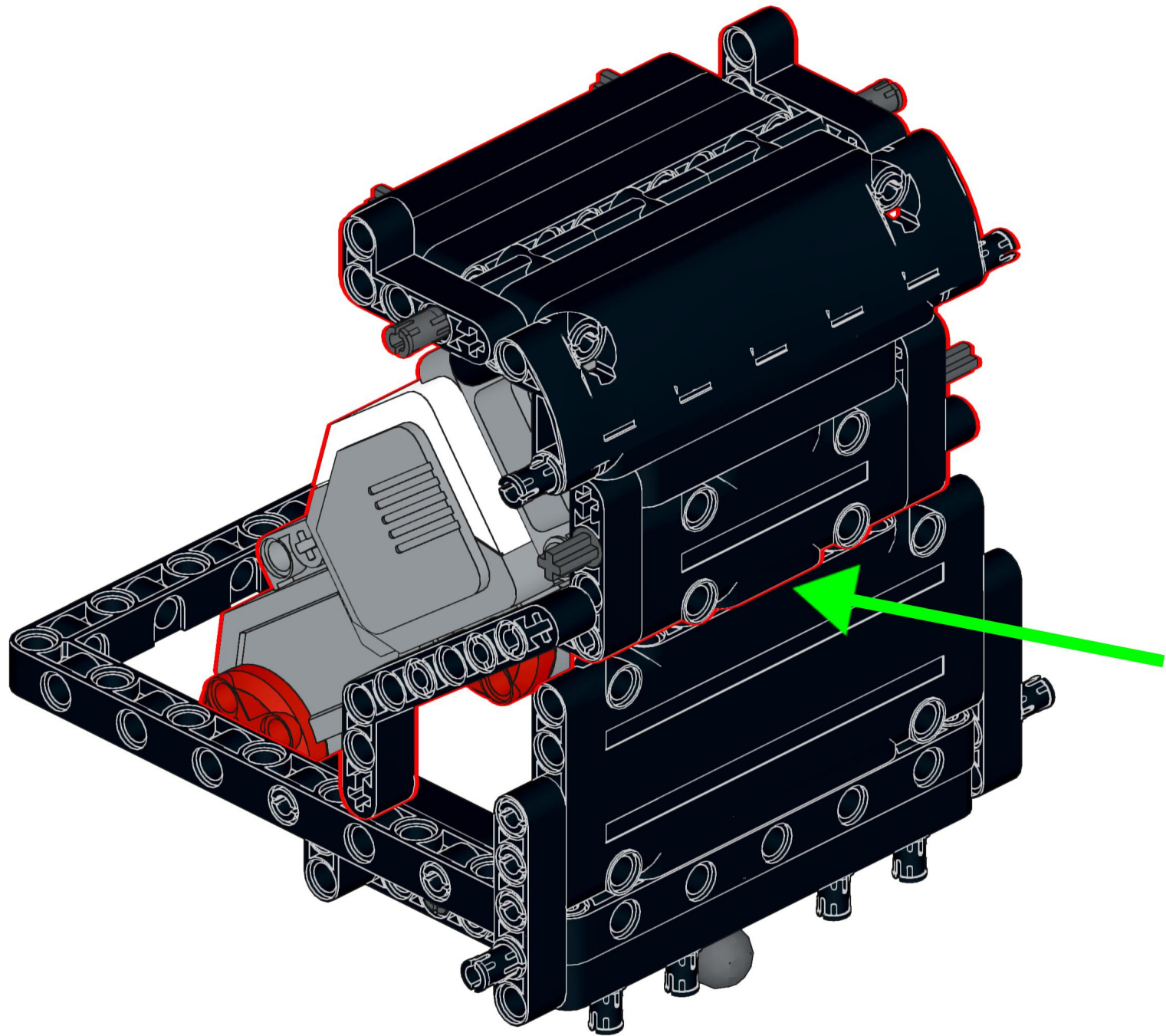
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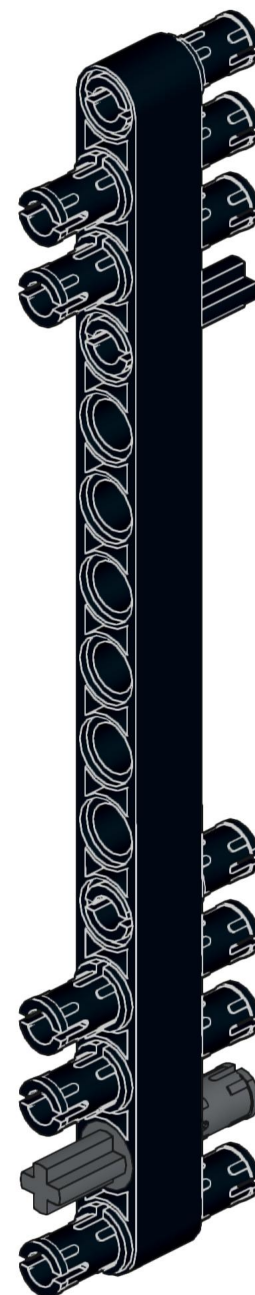
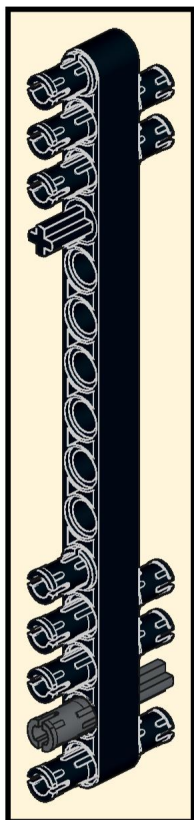
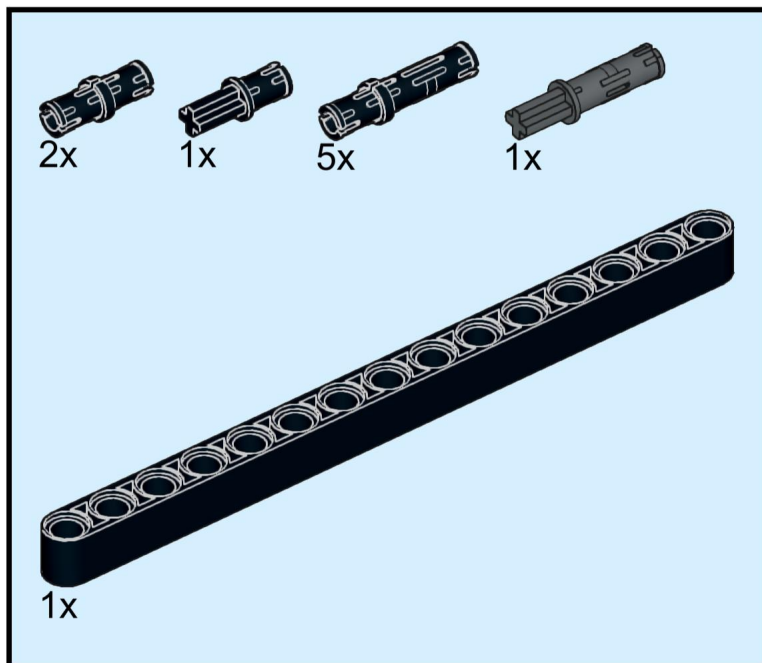
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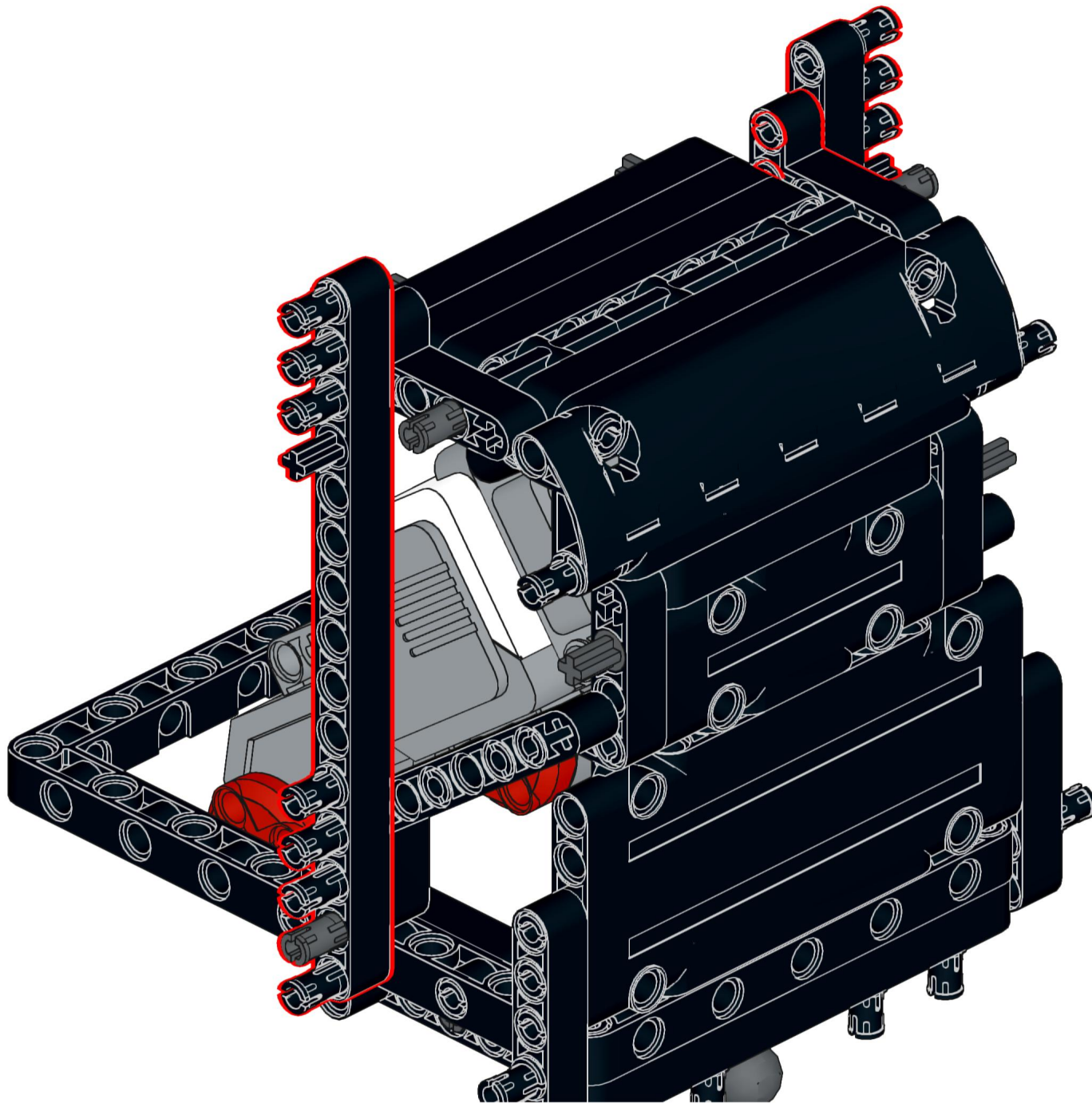
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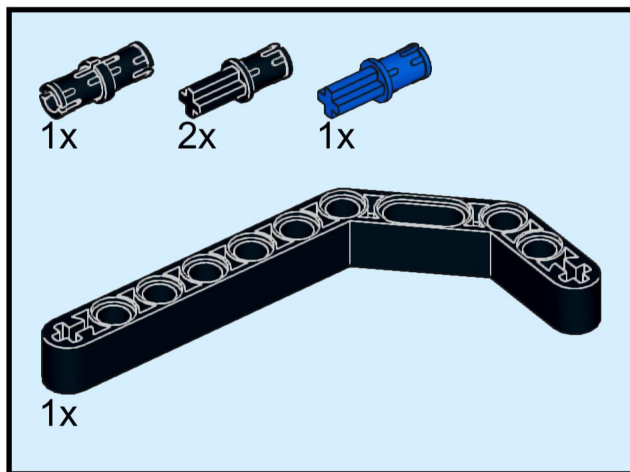
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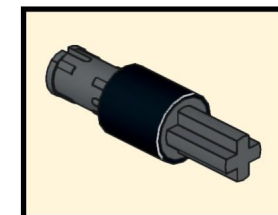
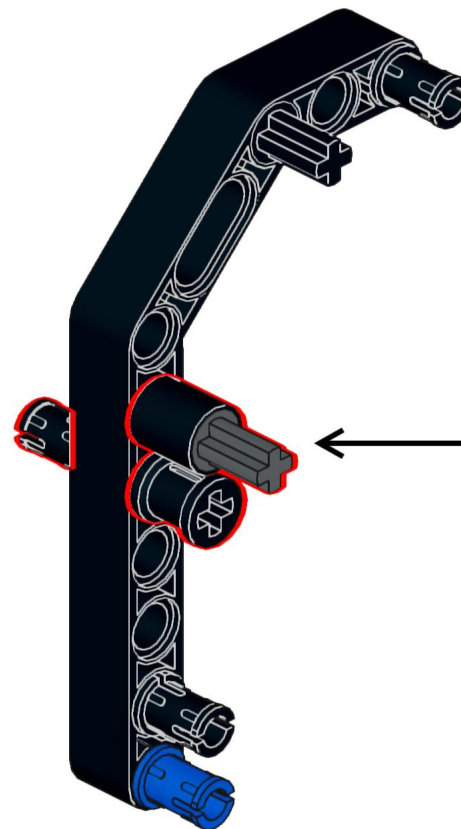
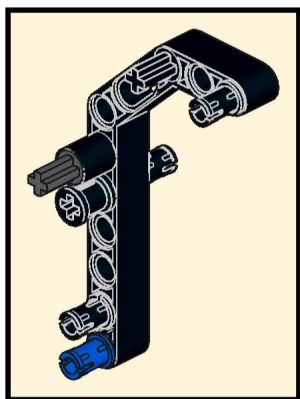
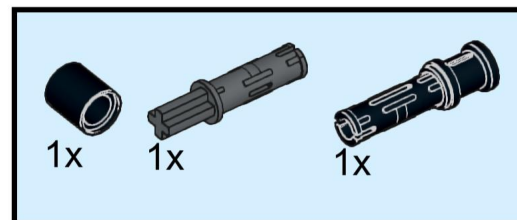
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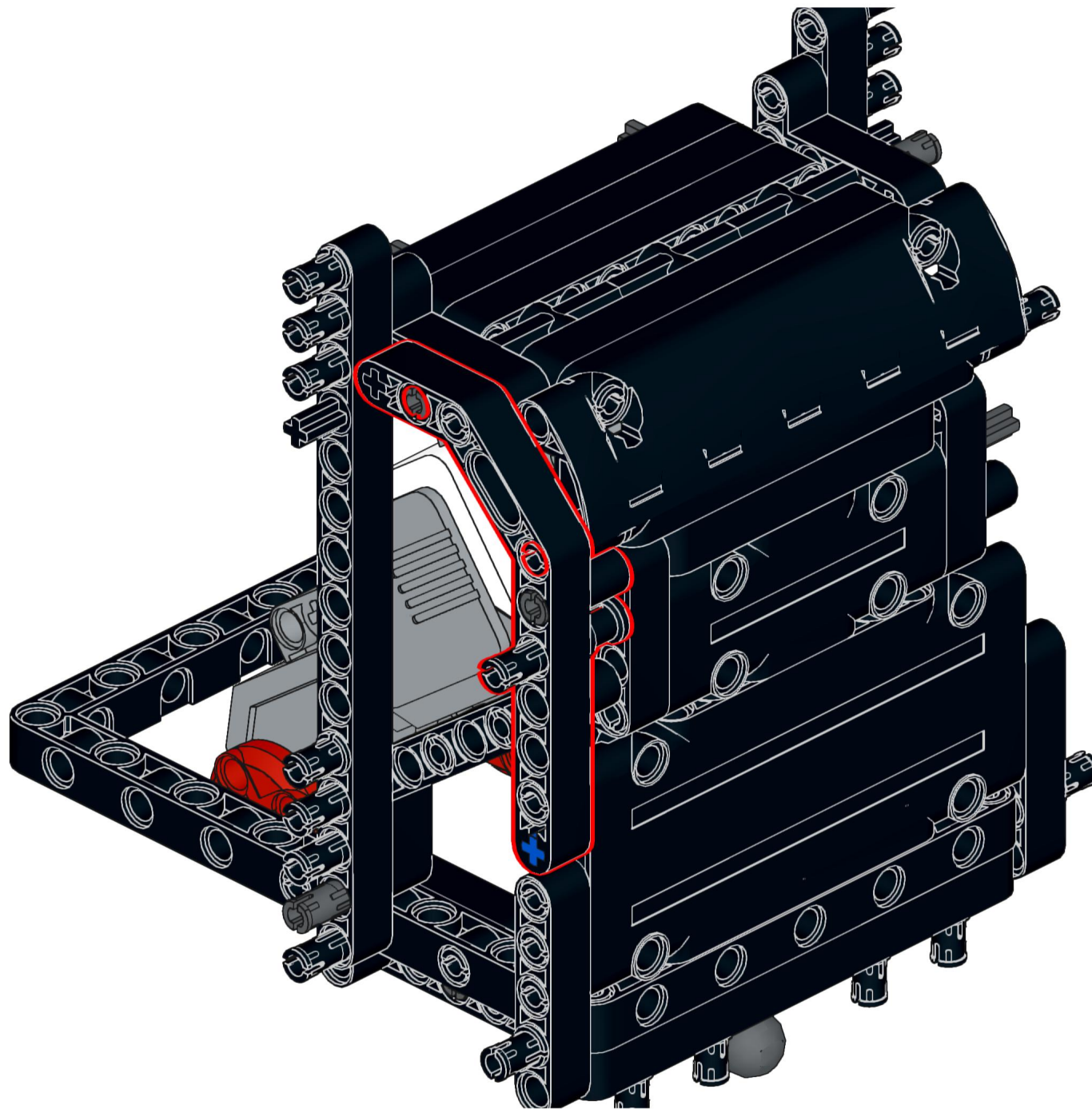
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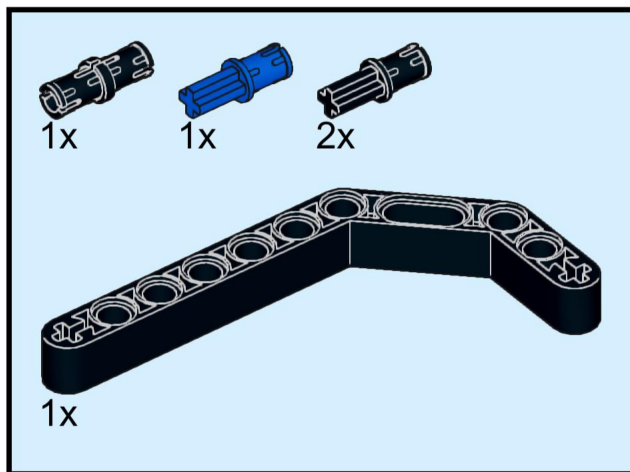
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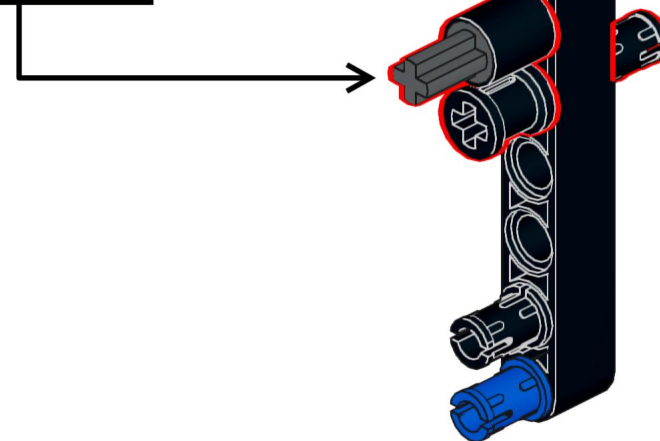
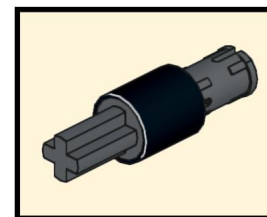
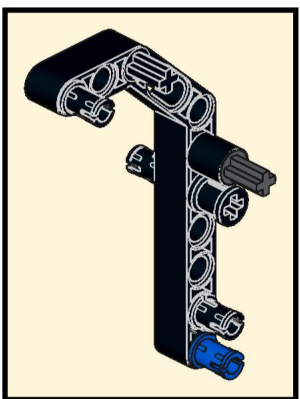
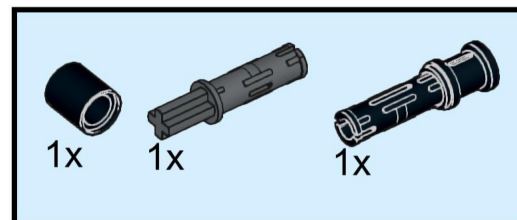
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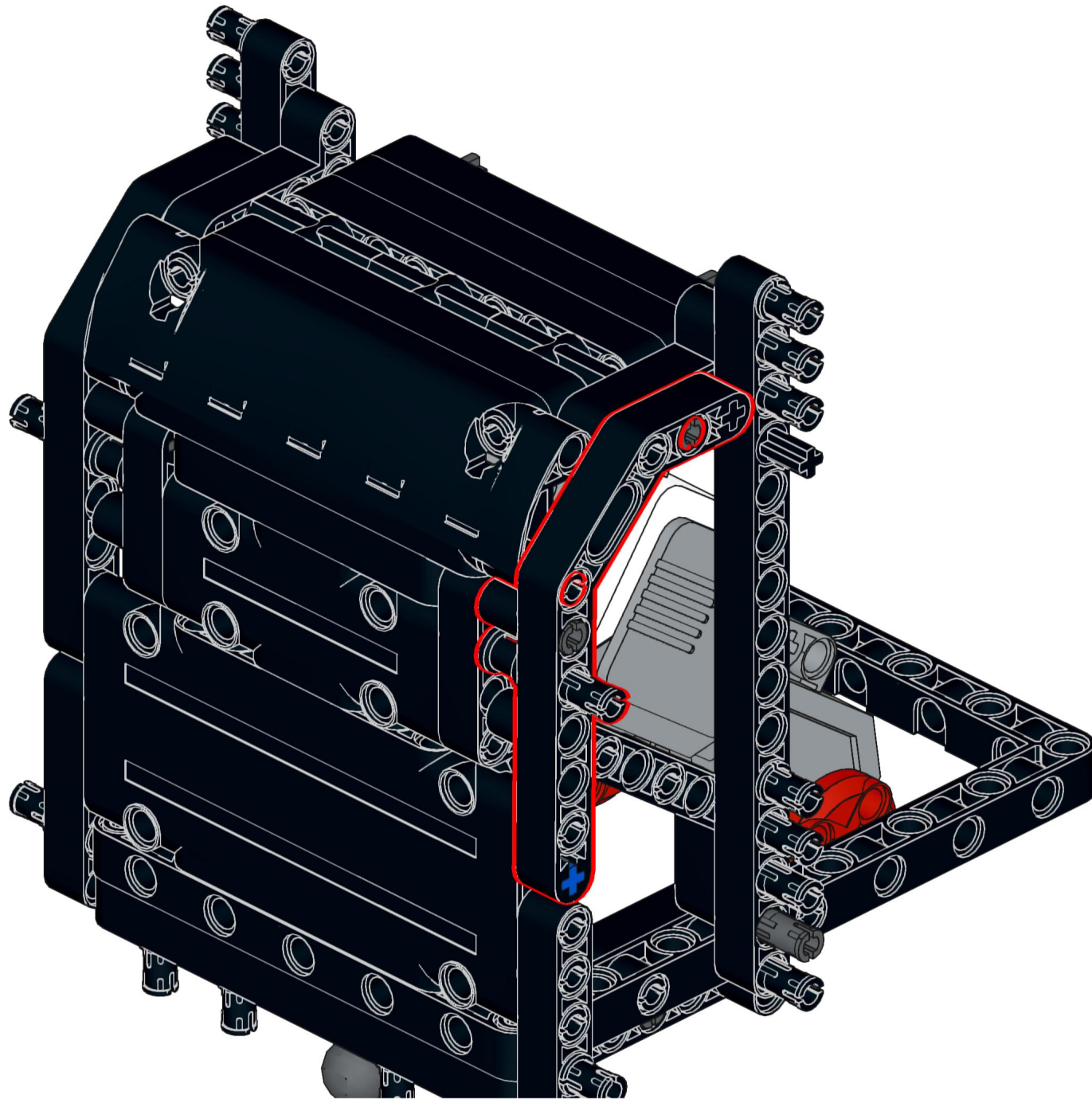
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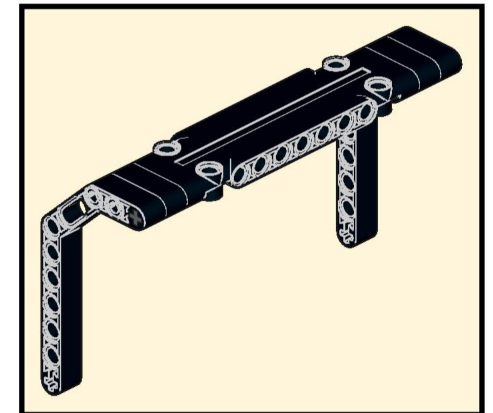
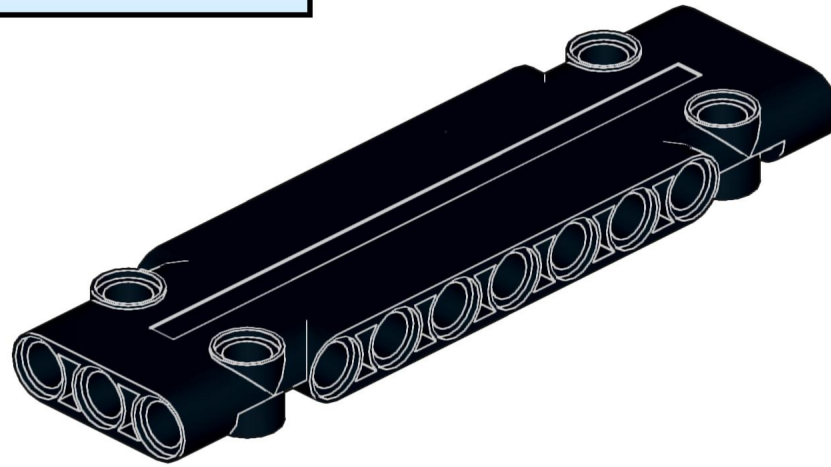
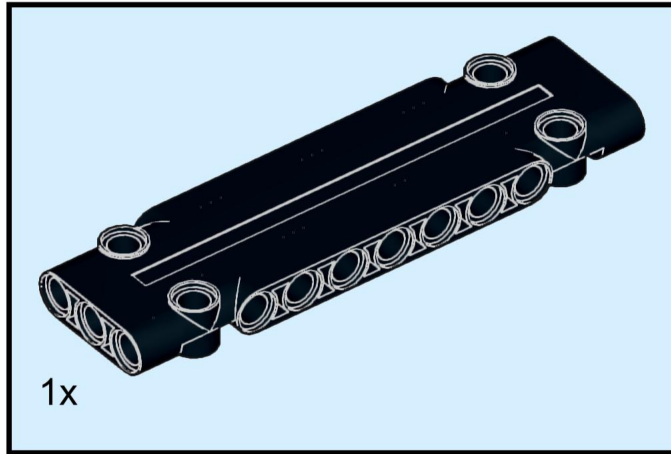
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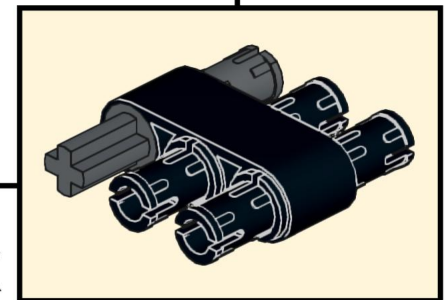
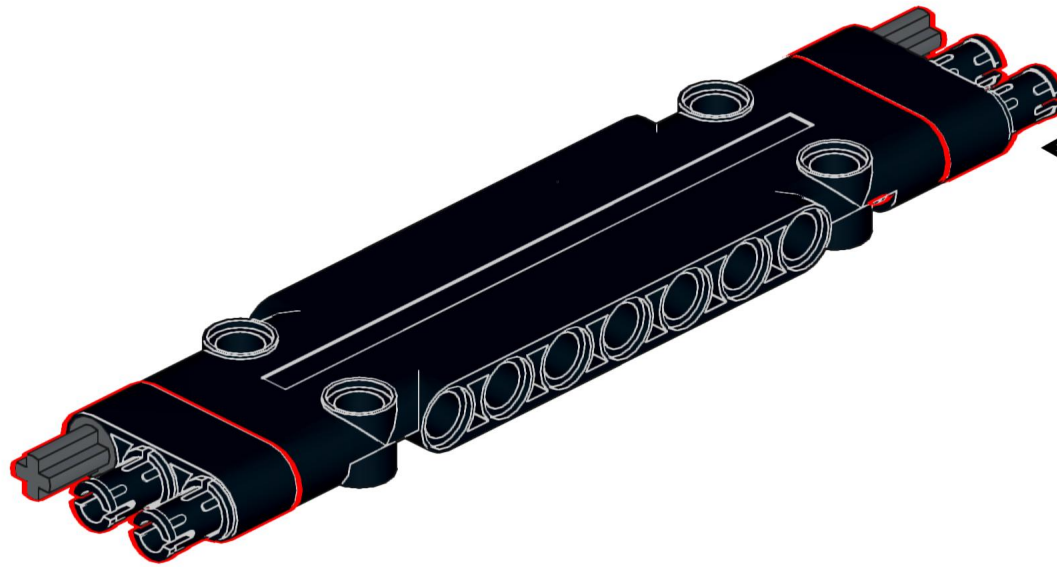
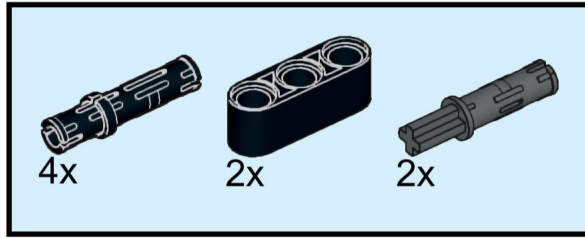
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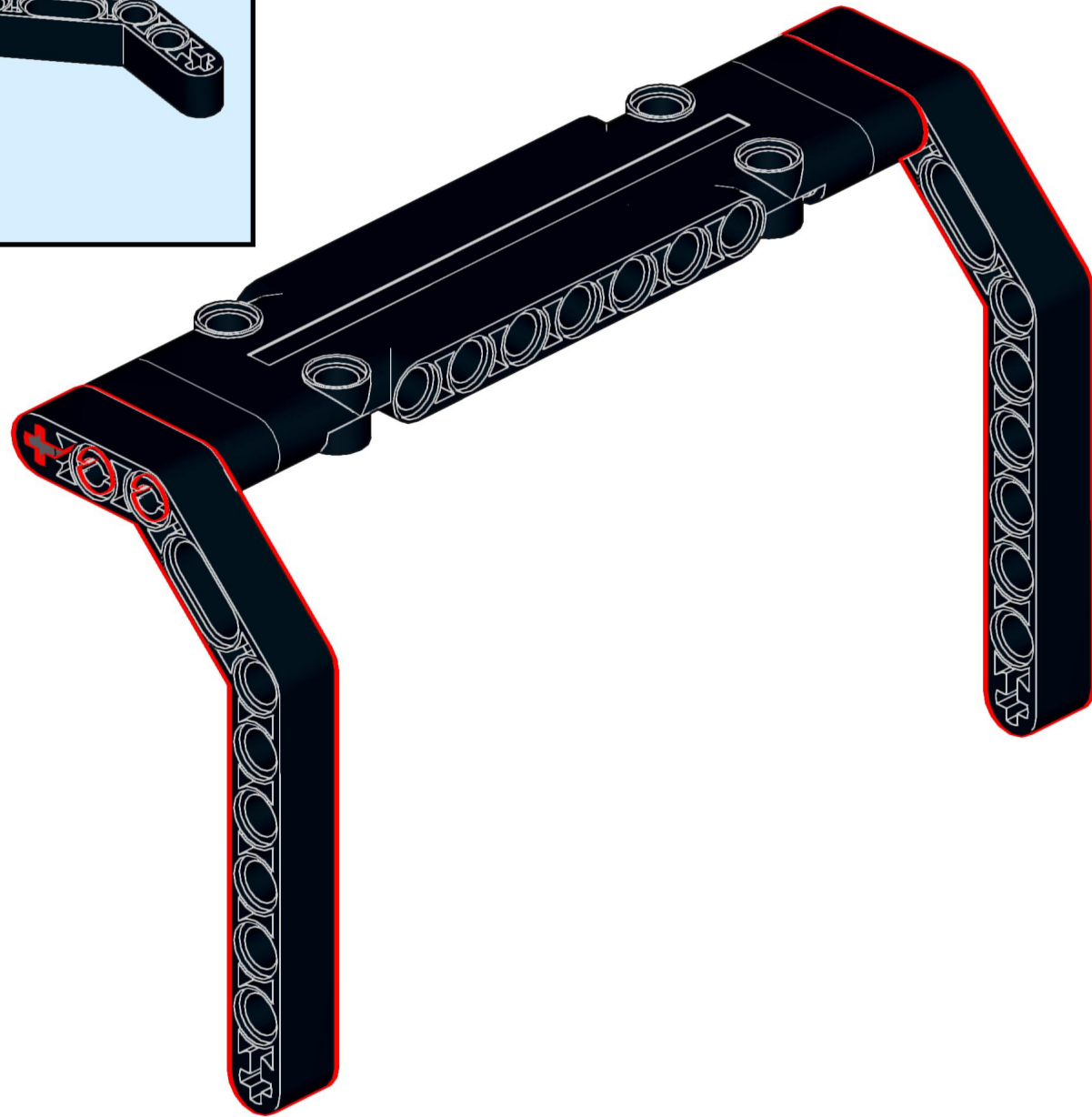
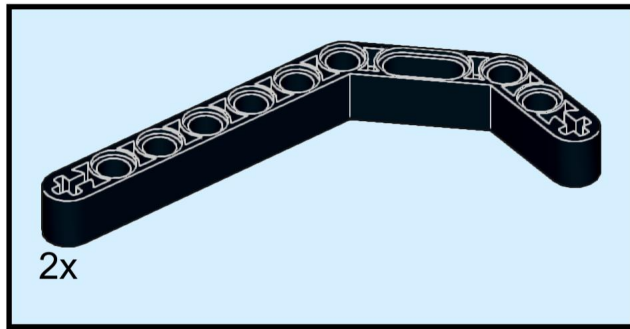
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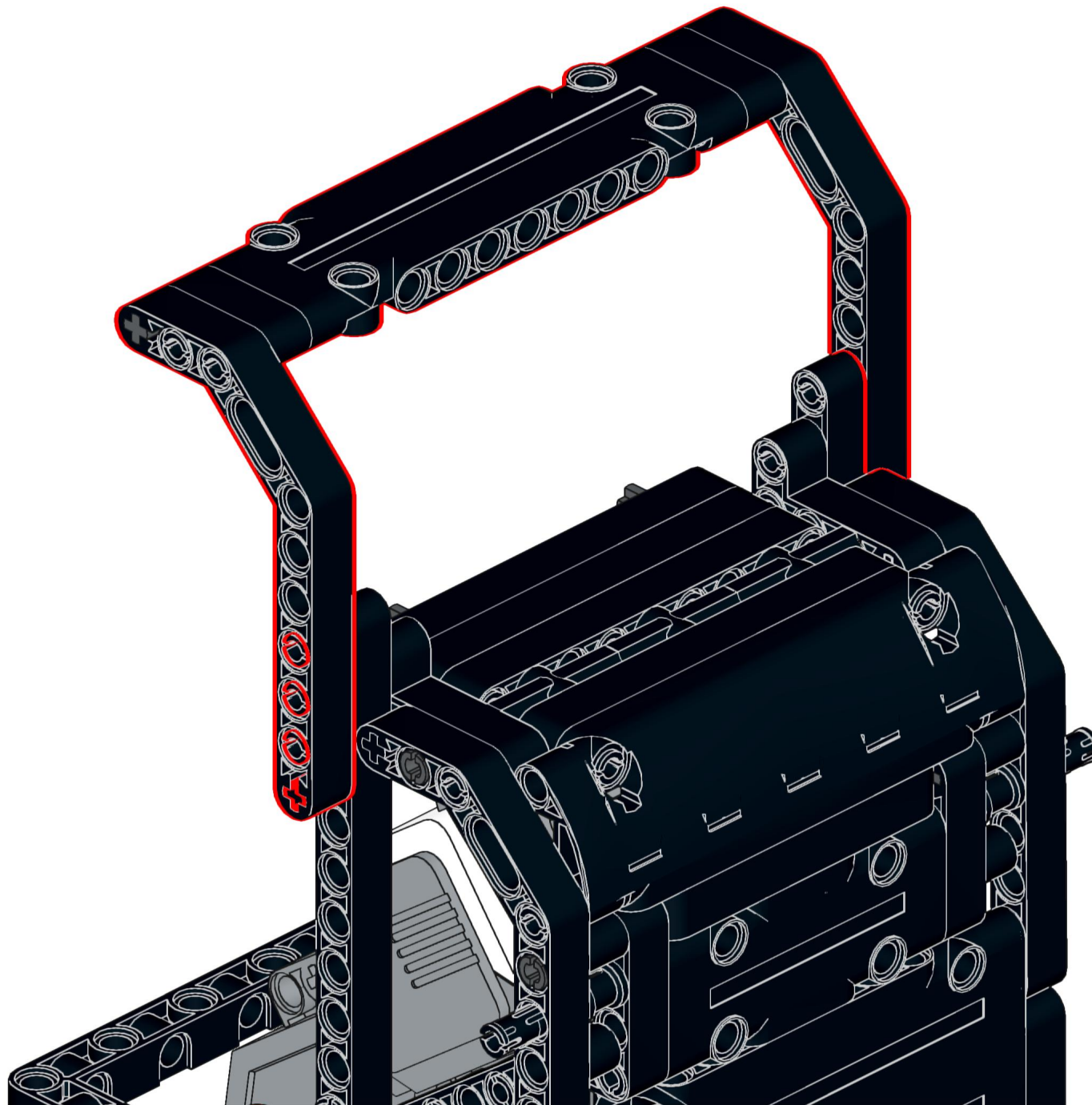
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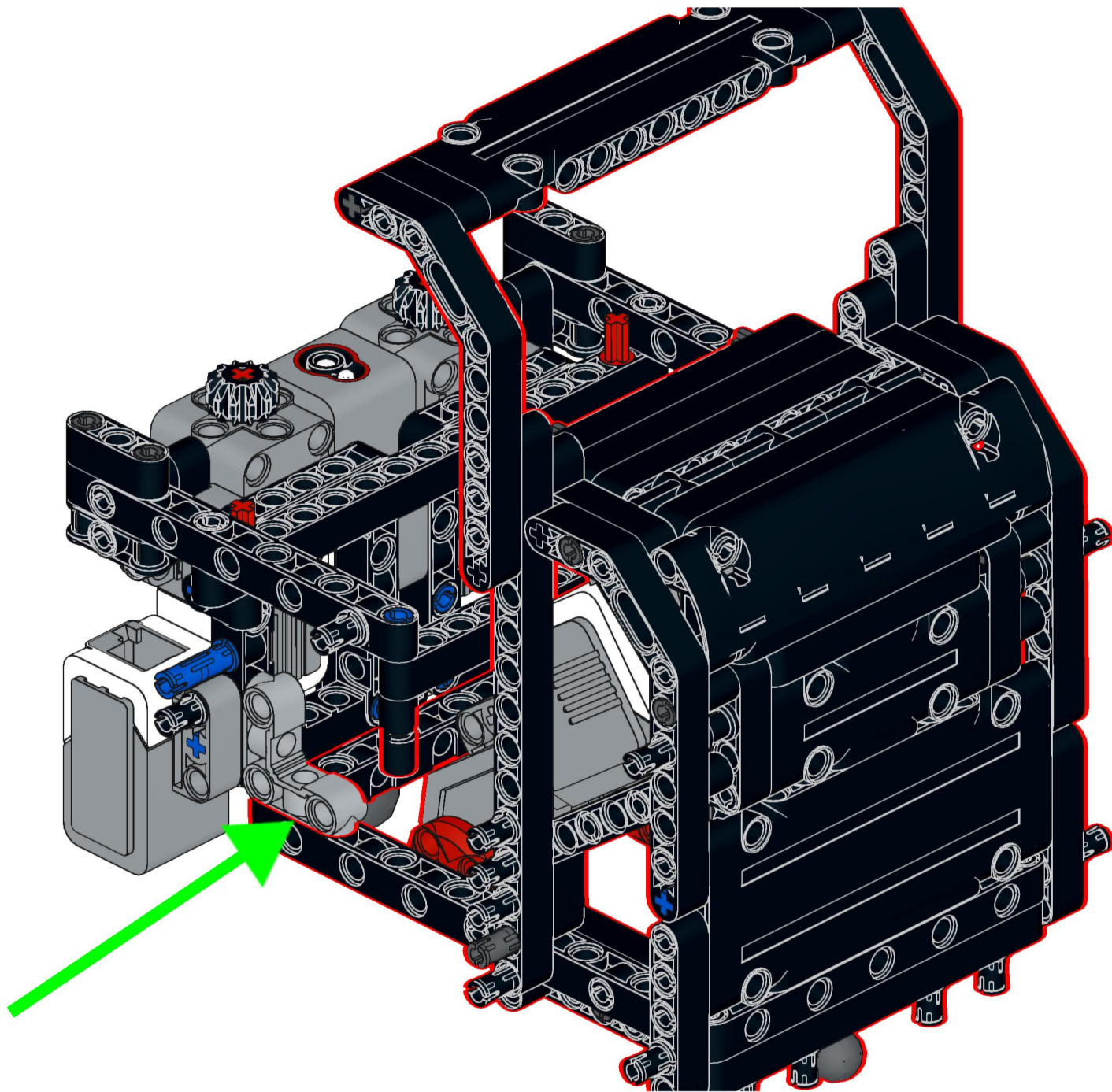
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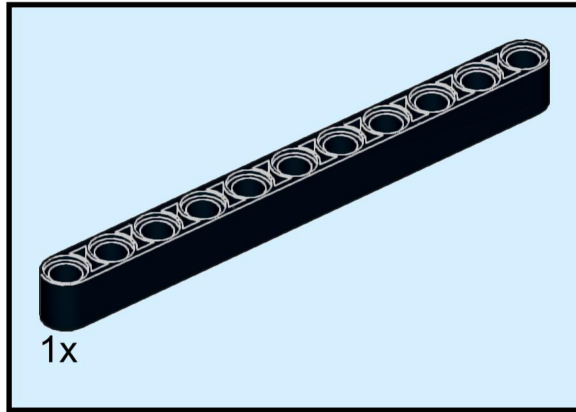
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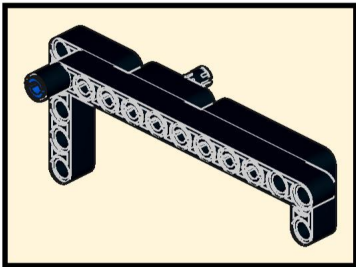
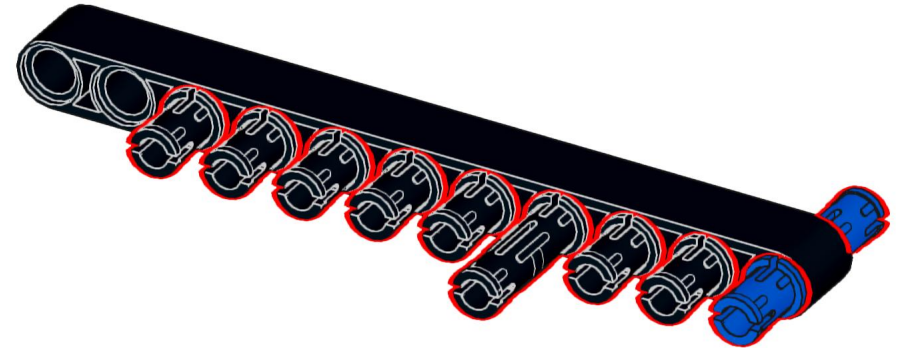
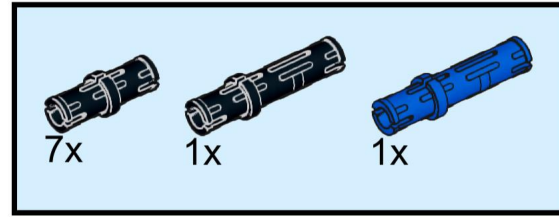
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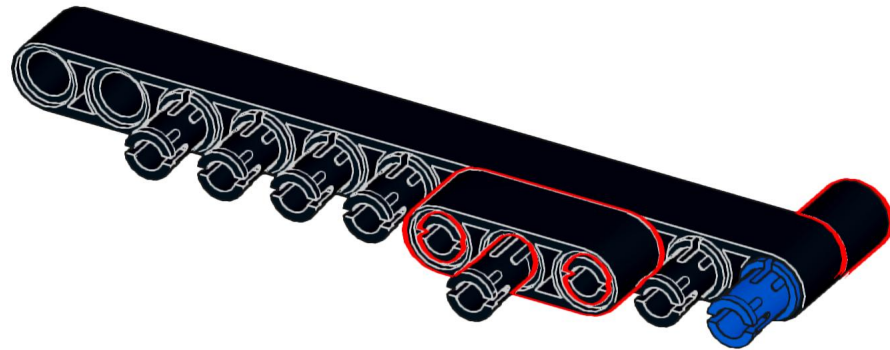
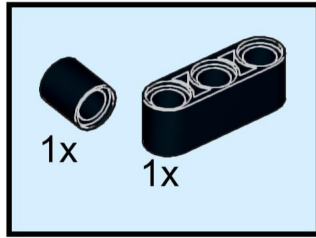
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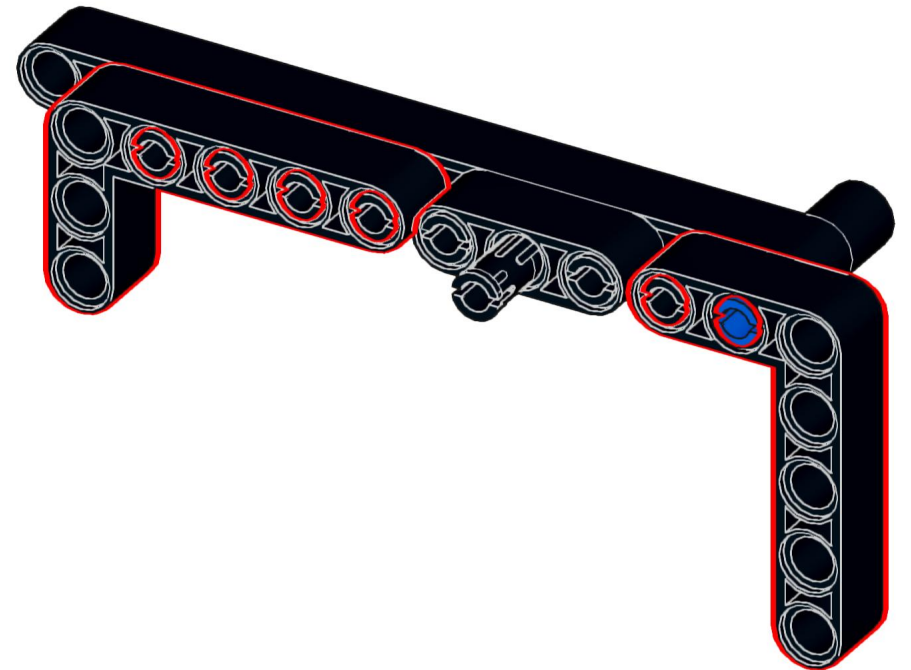
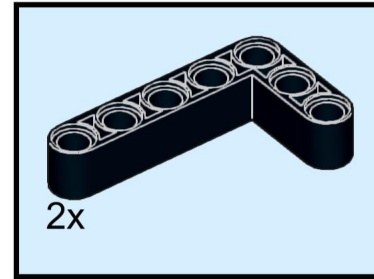
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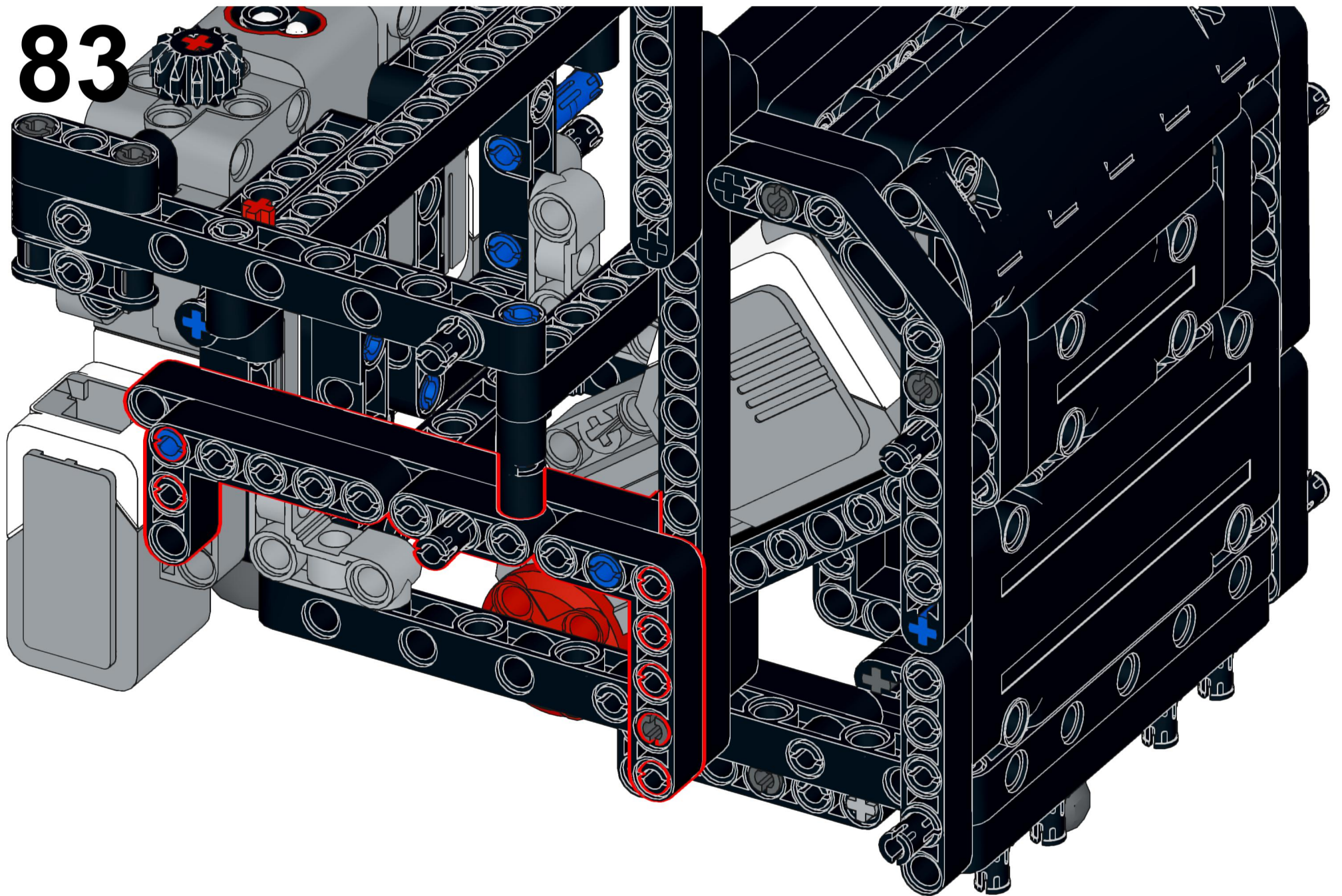
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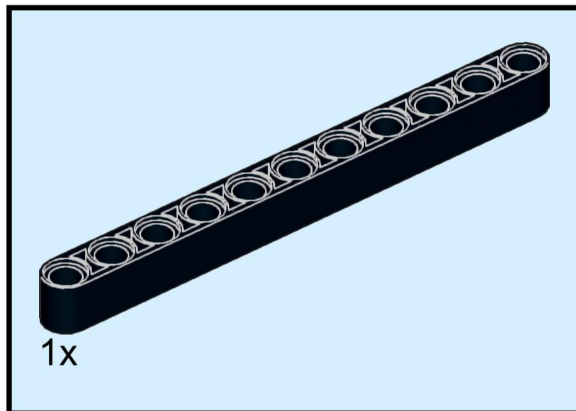
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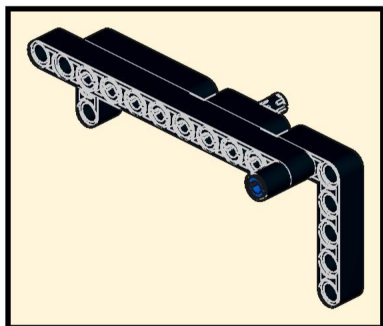
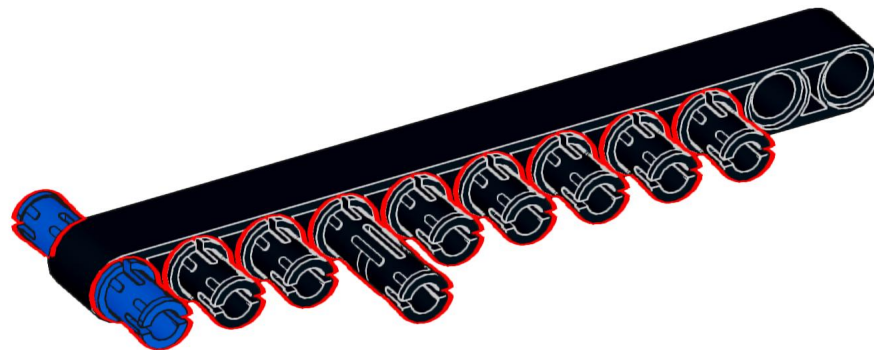
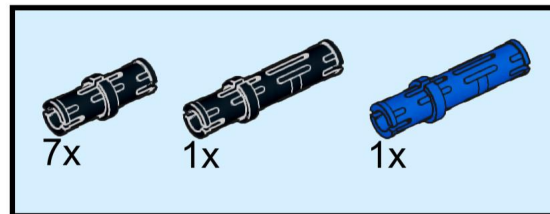
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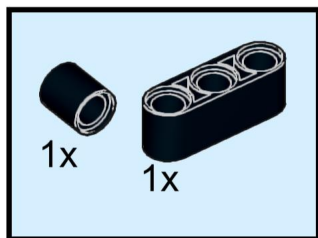
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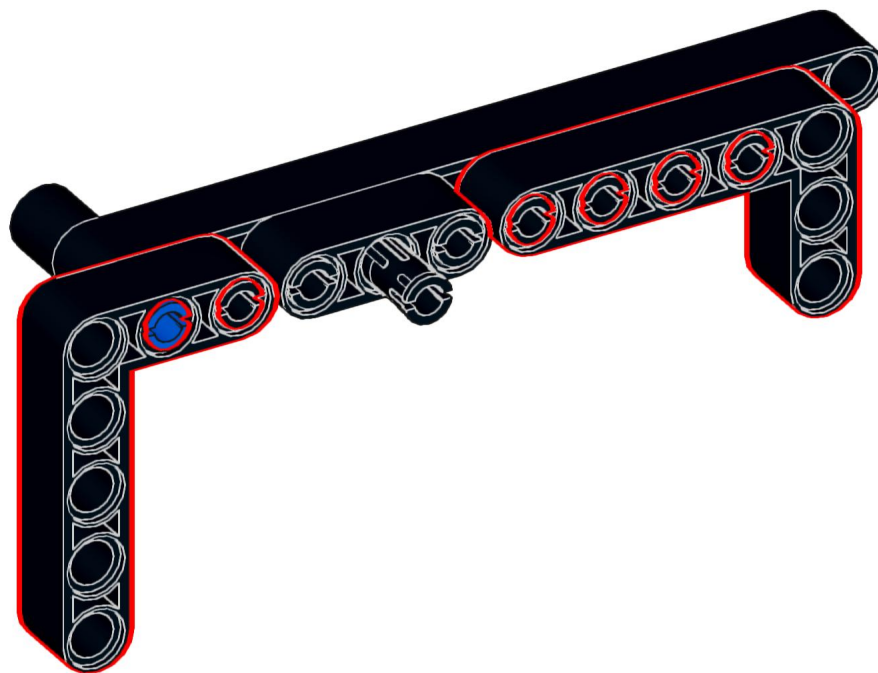
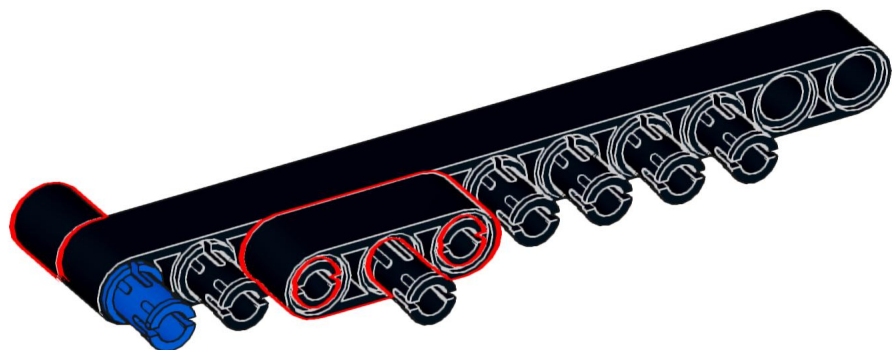
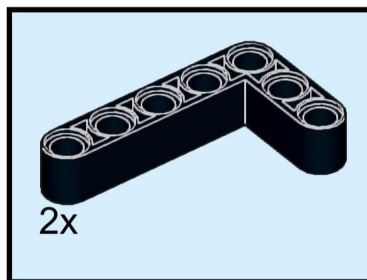
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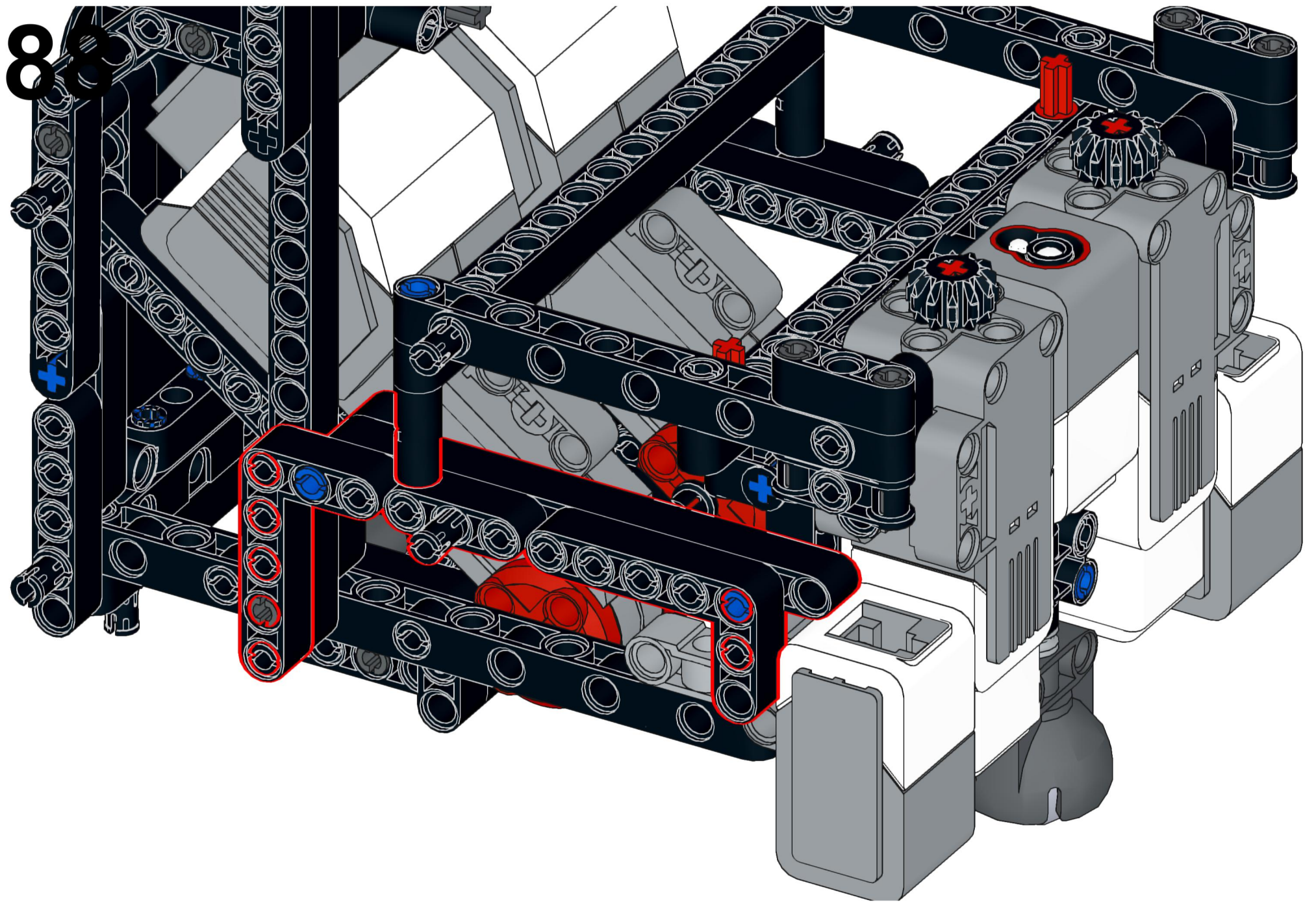


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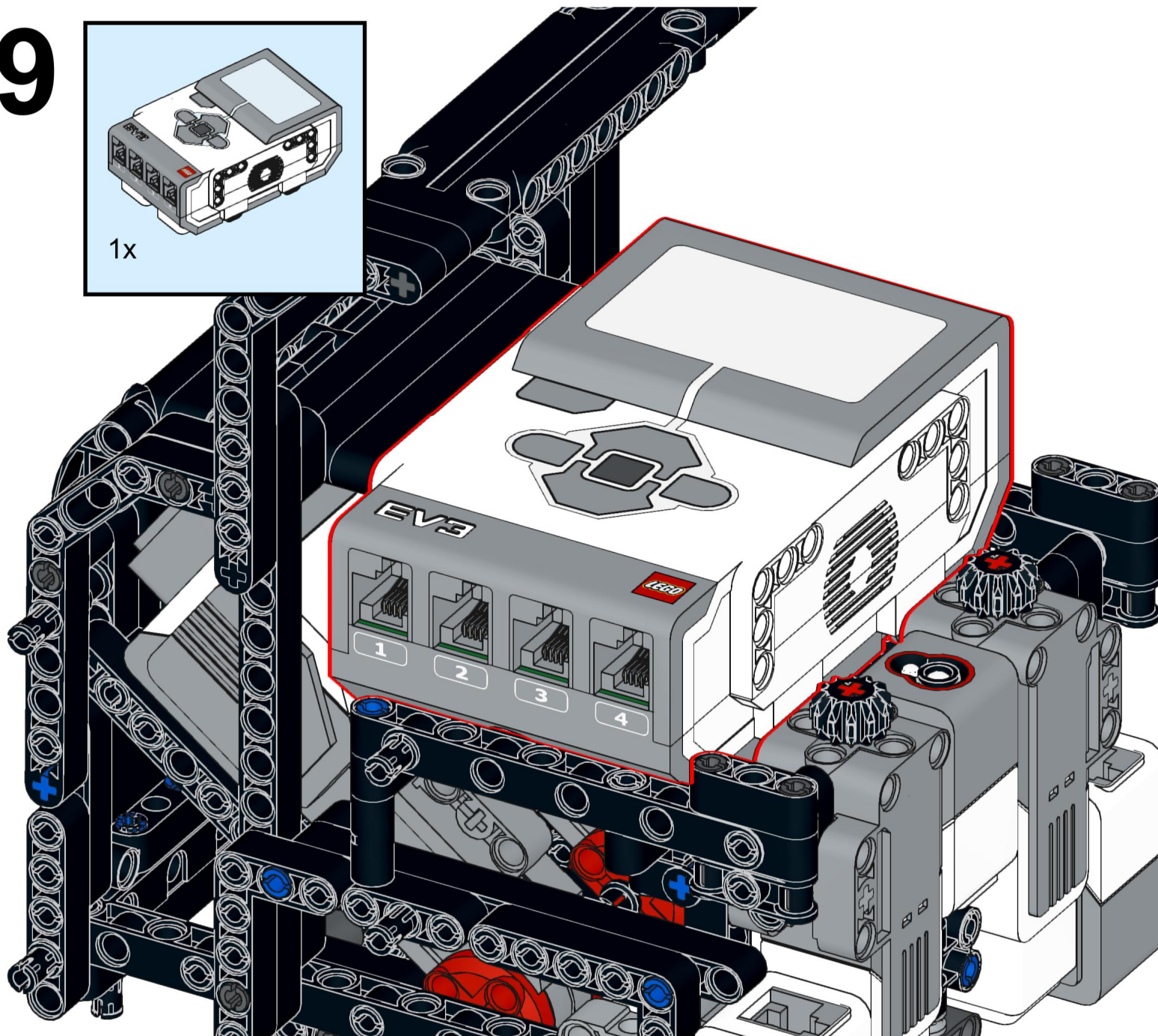
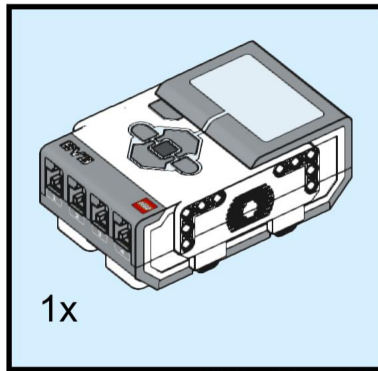


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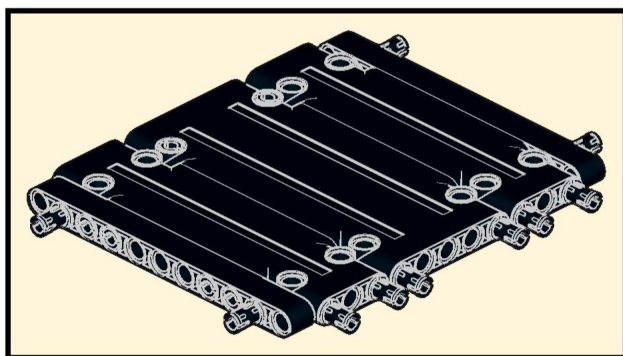
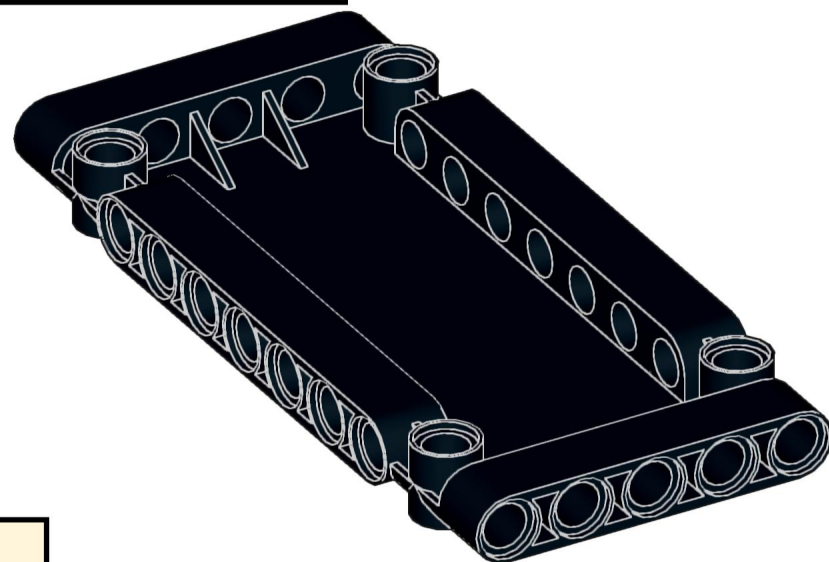
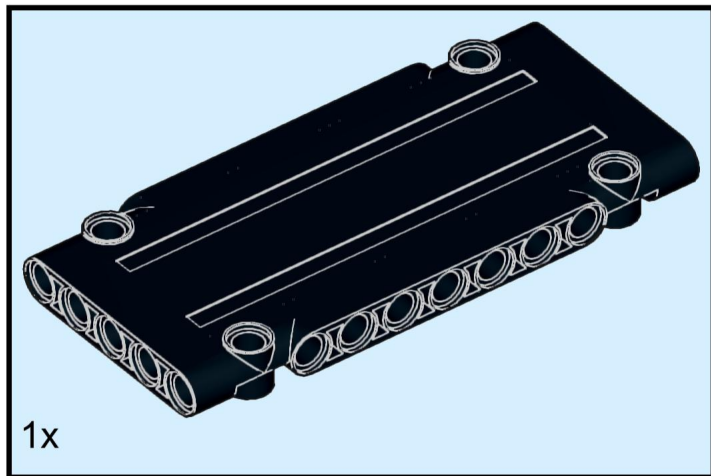




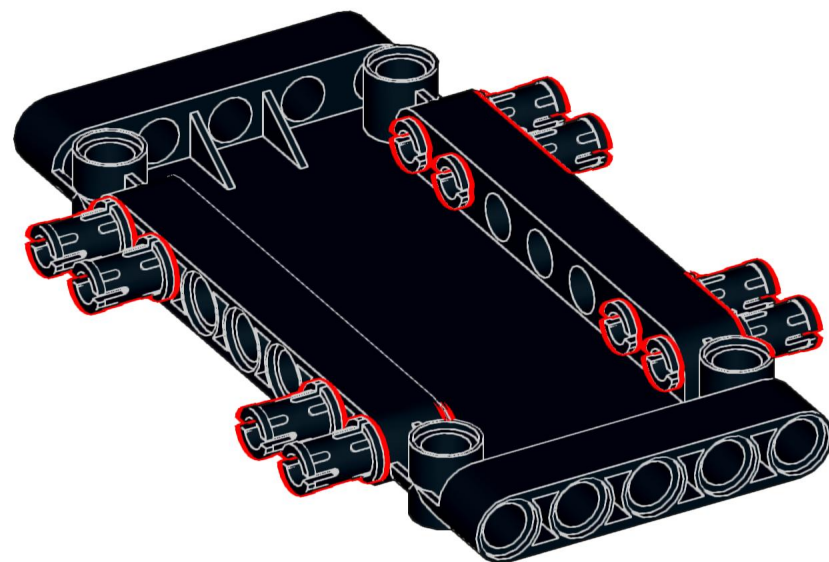
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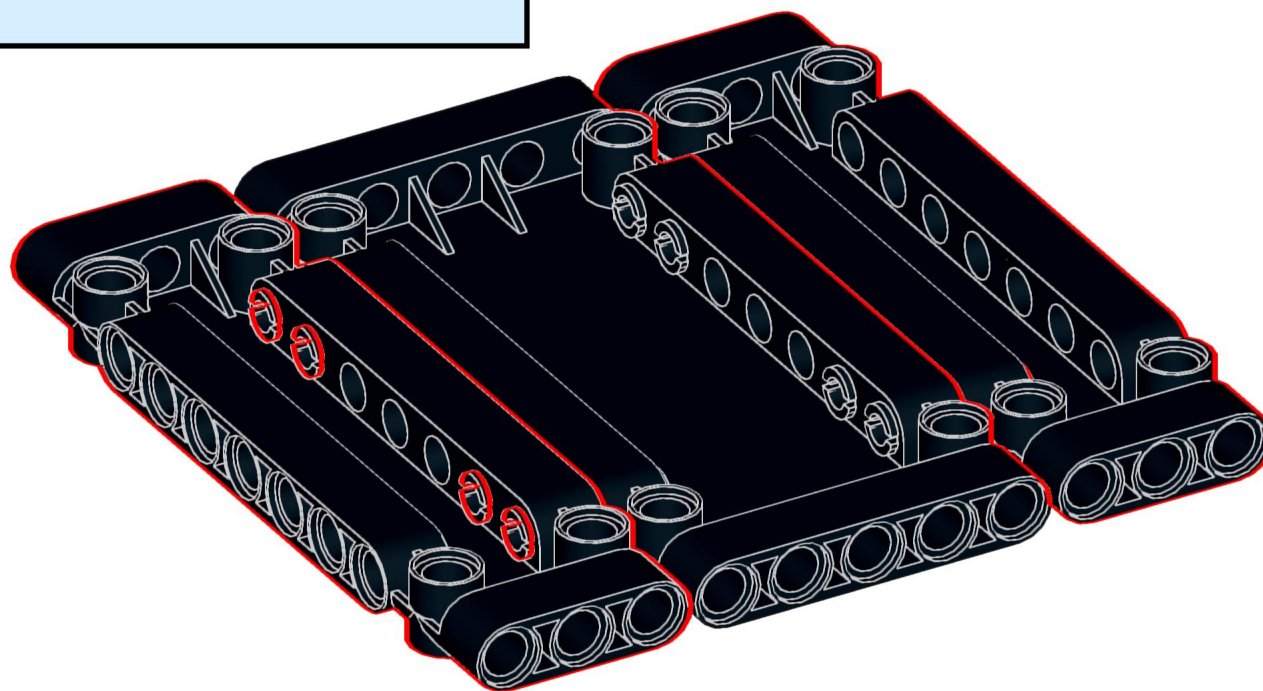
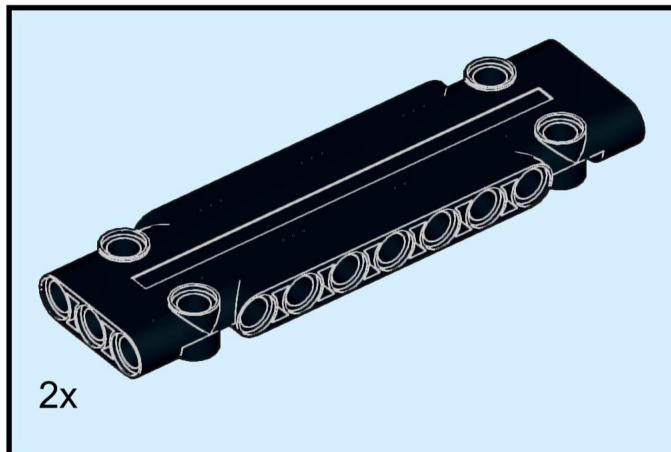
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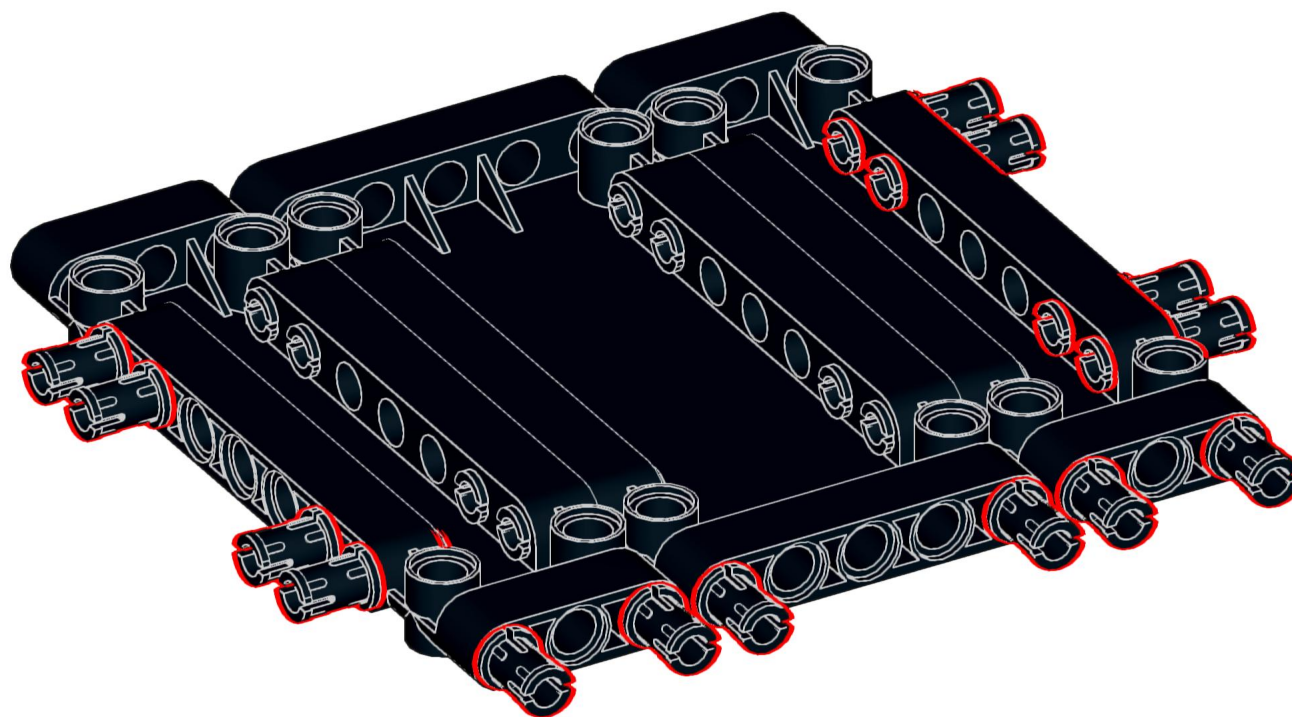
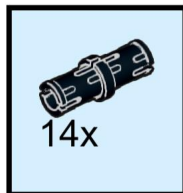
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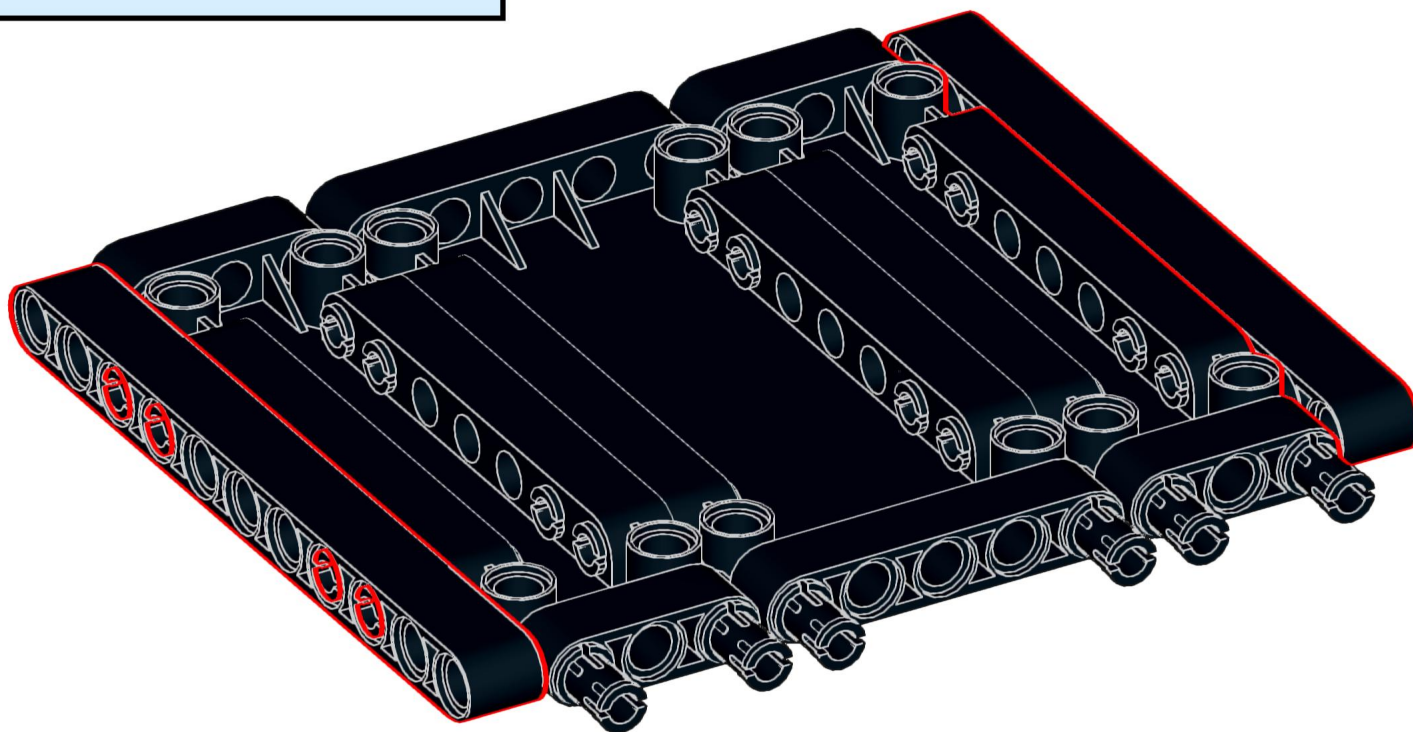
92



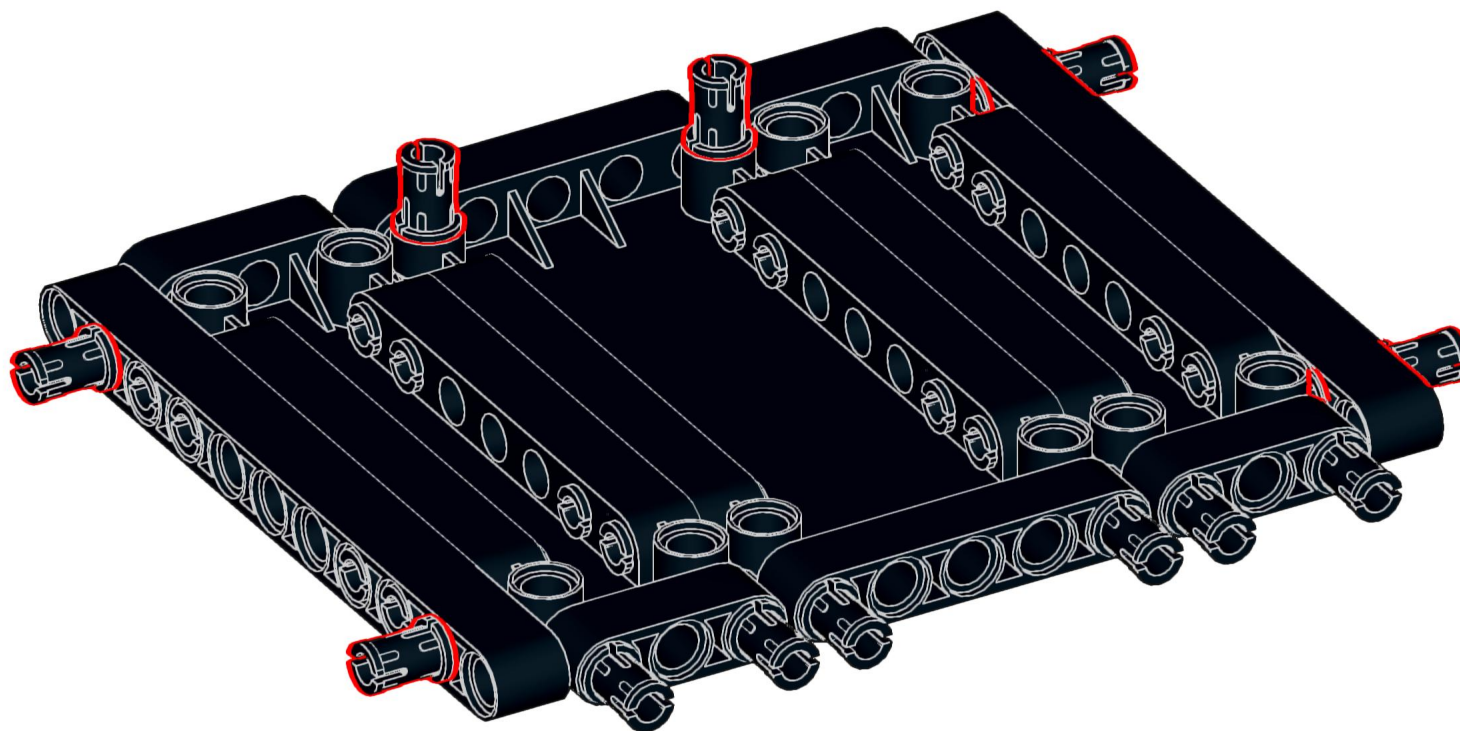
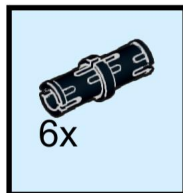
93



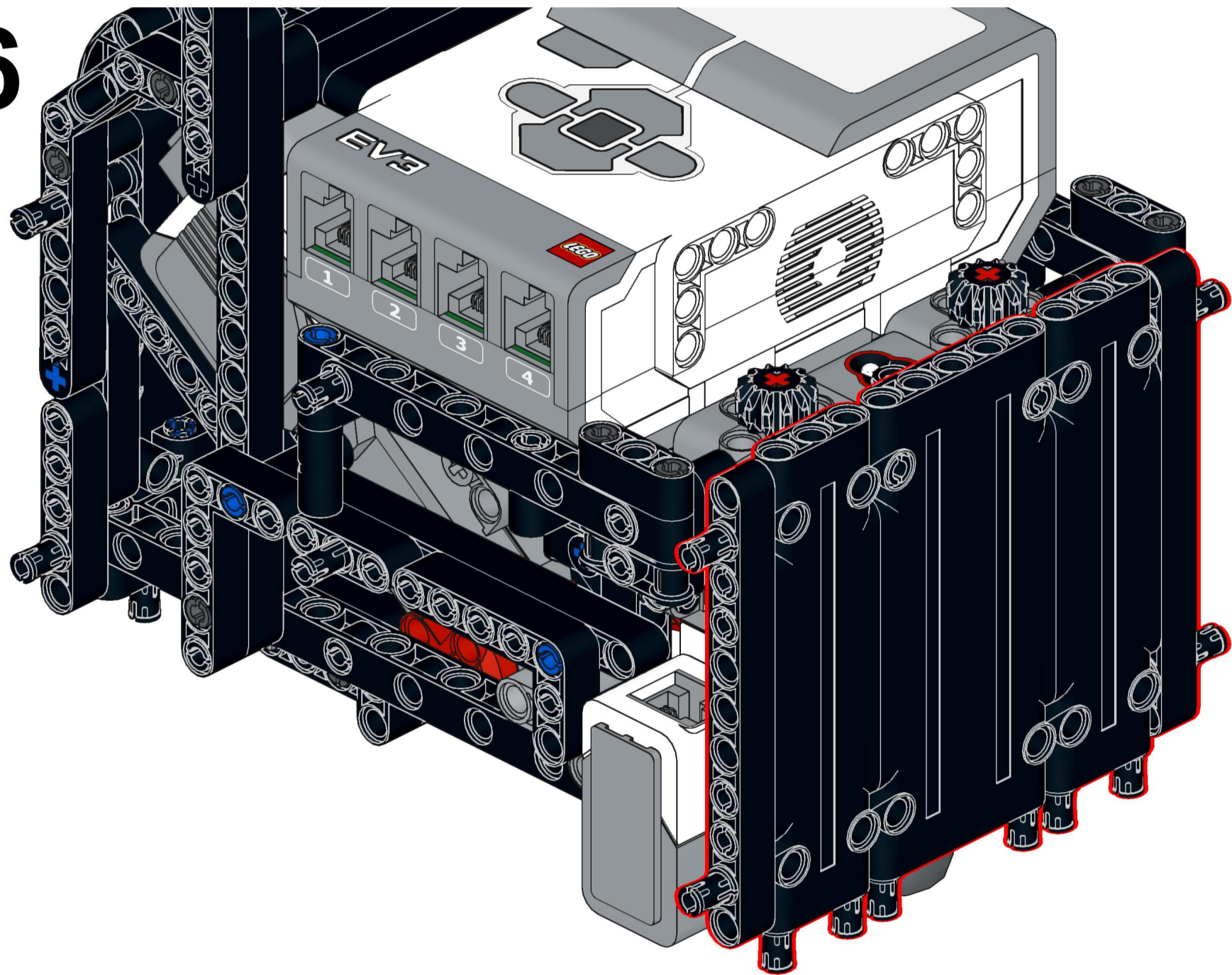
94



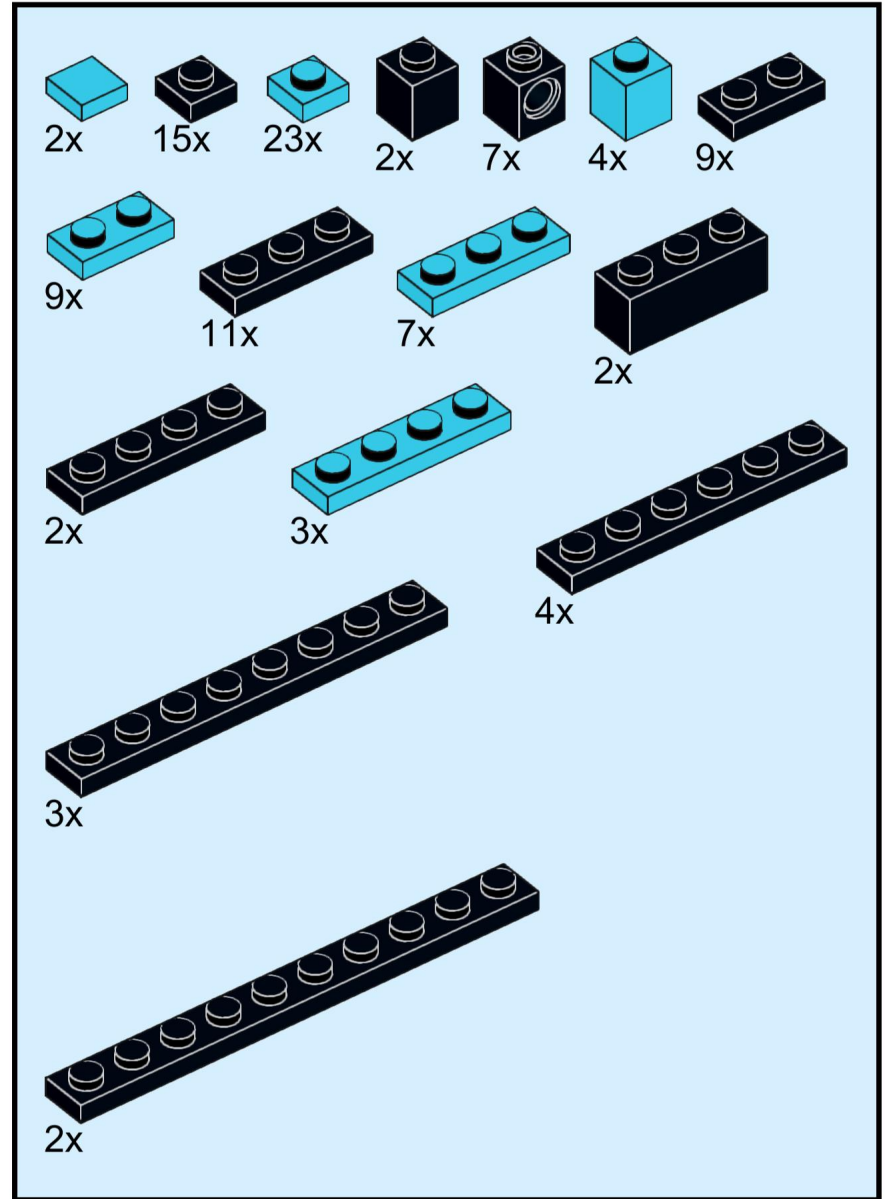
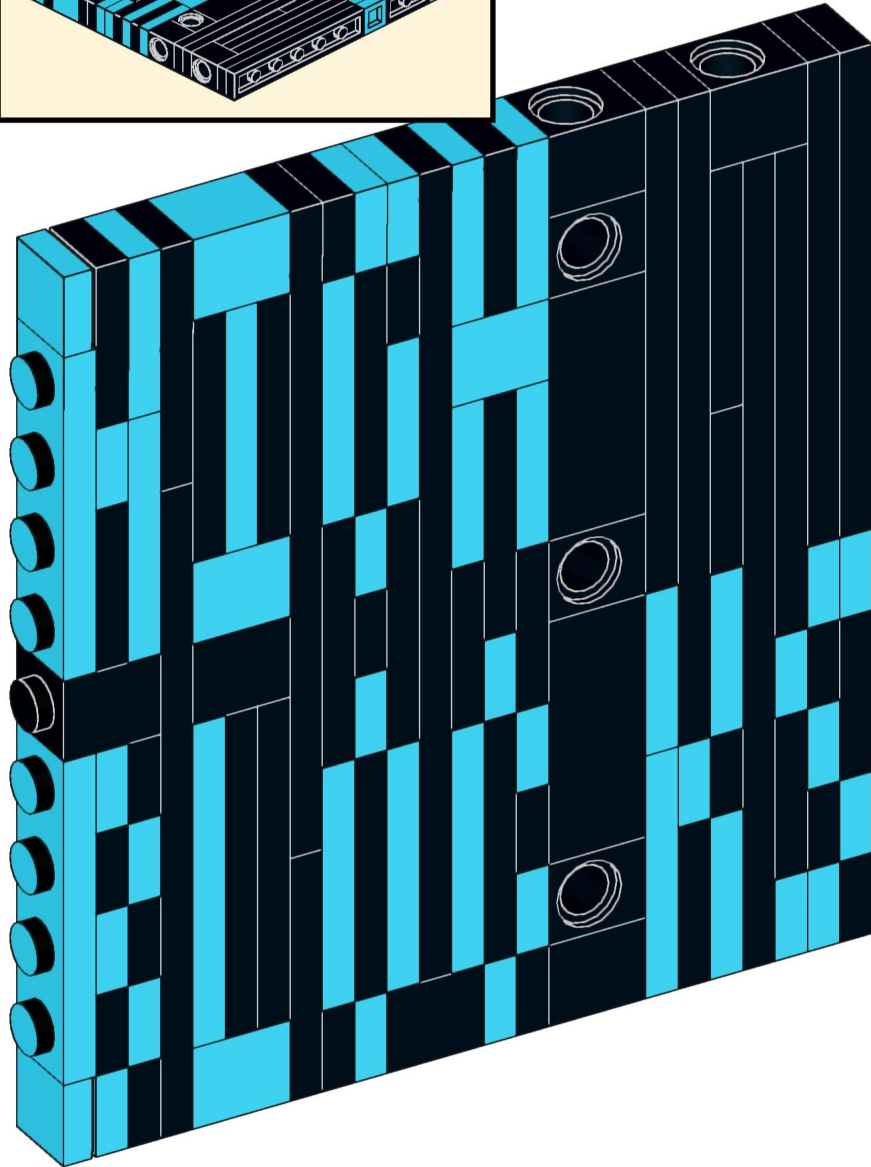
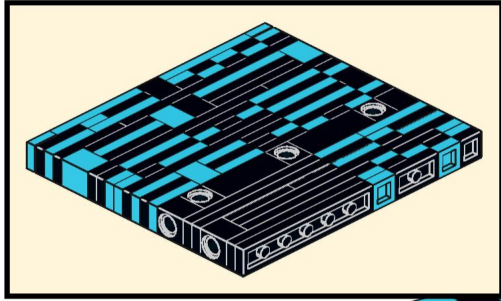
95



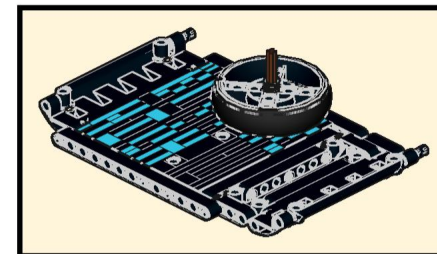
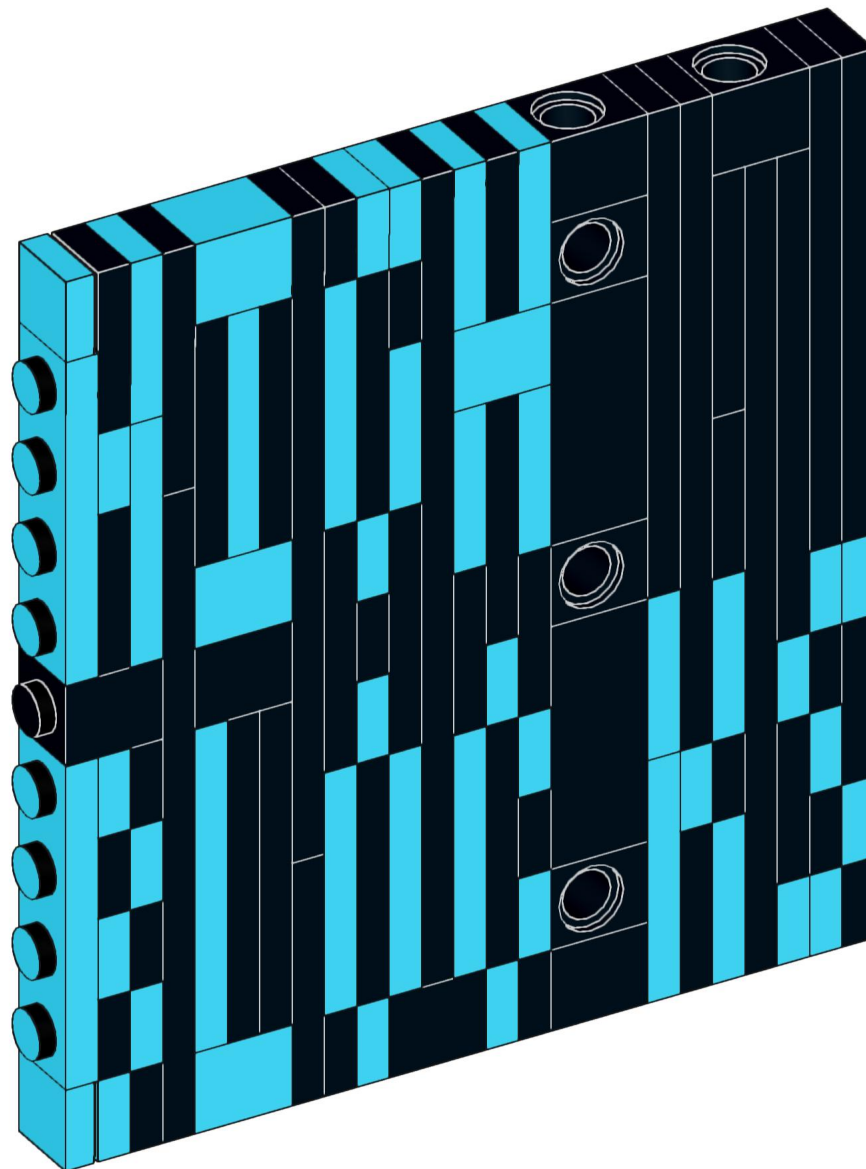
96



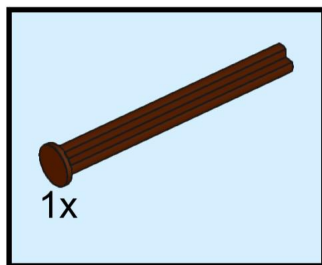
97



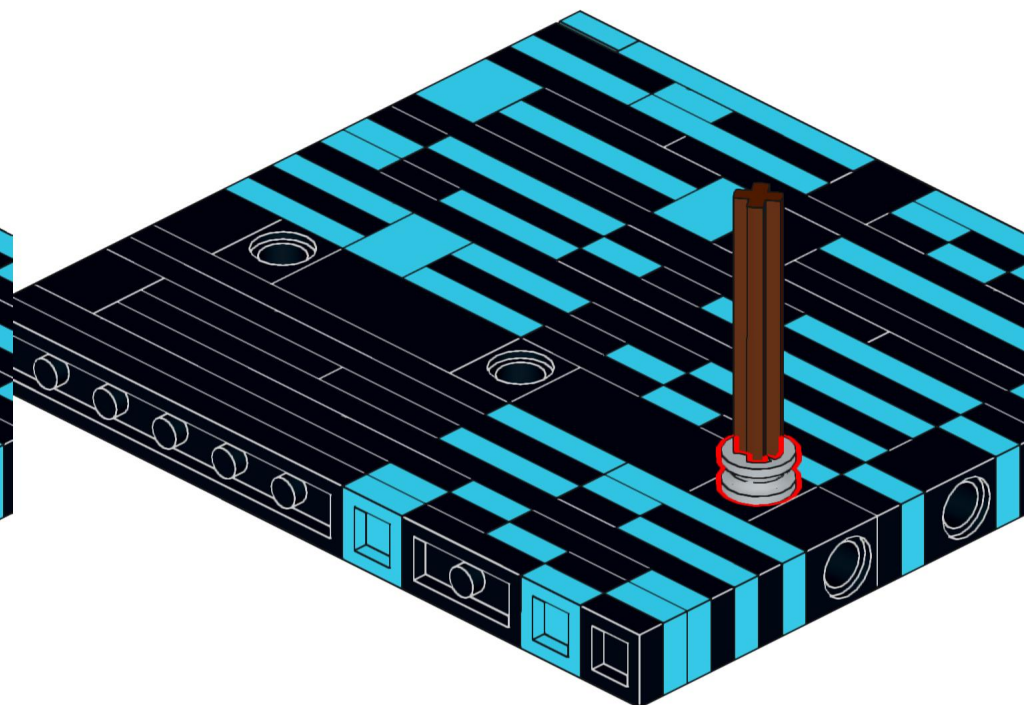
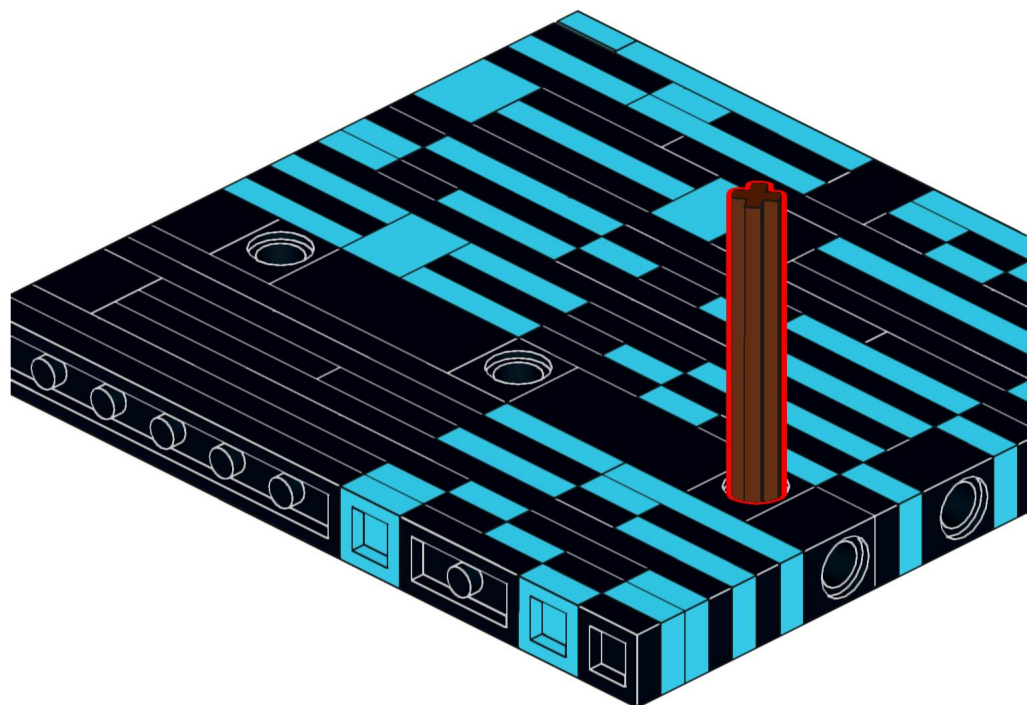
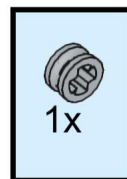
98



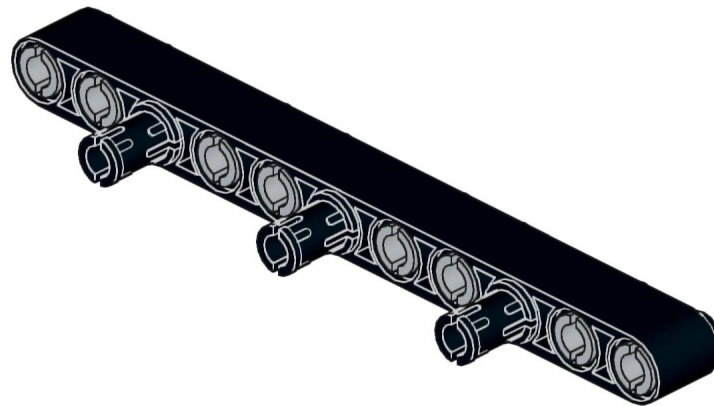
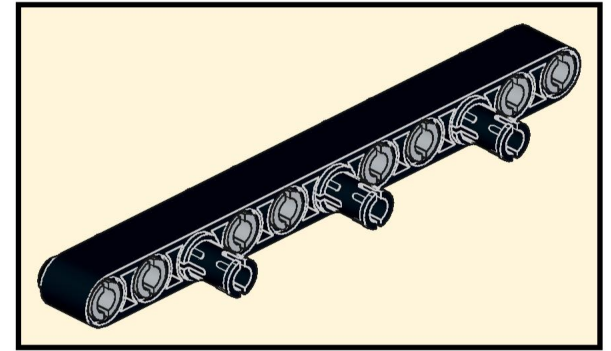
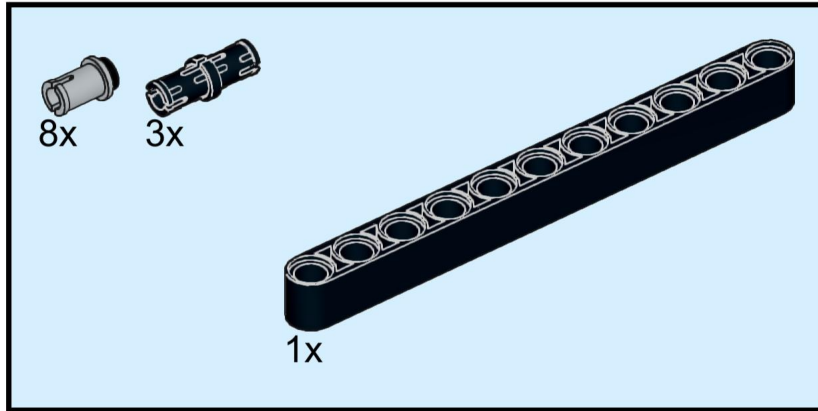
99



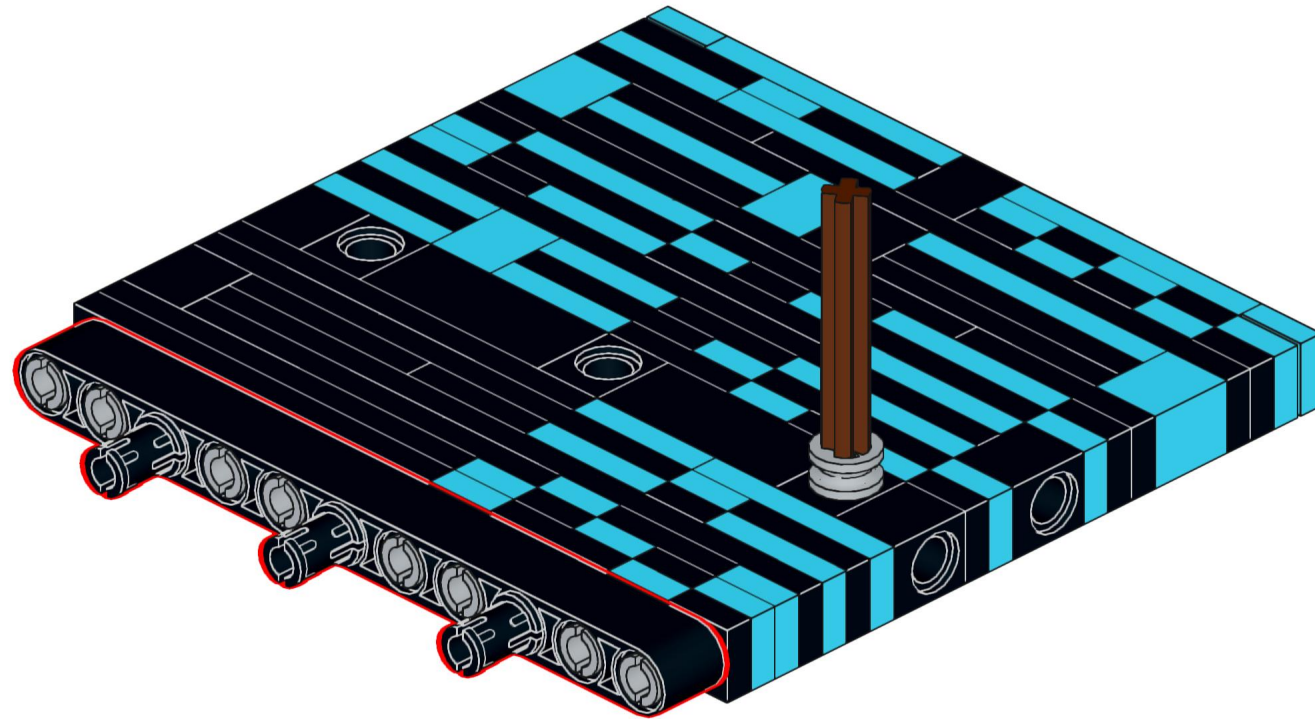
100



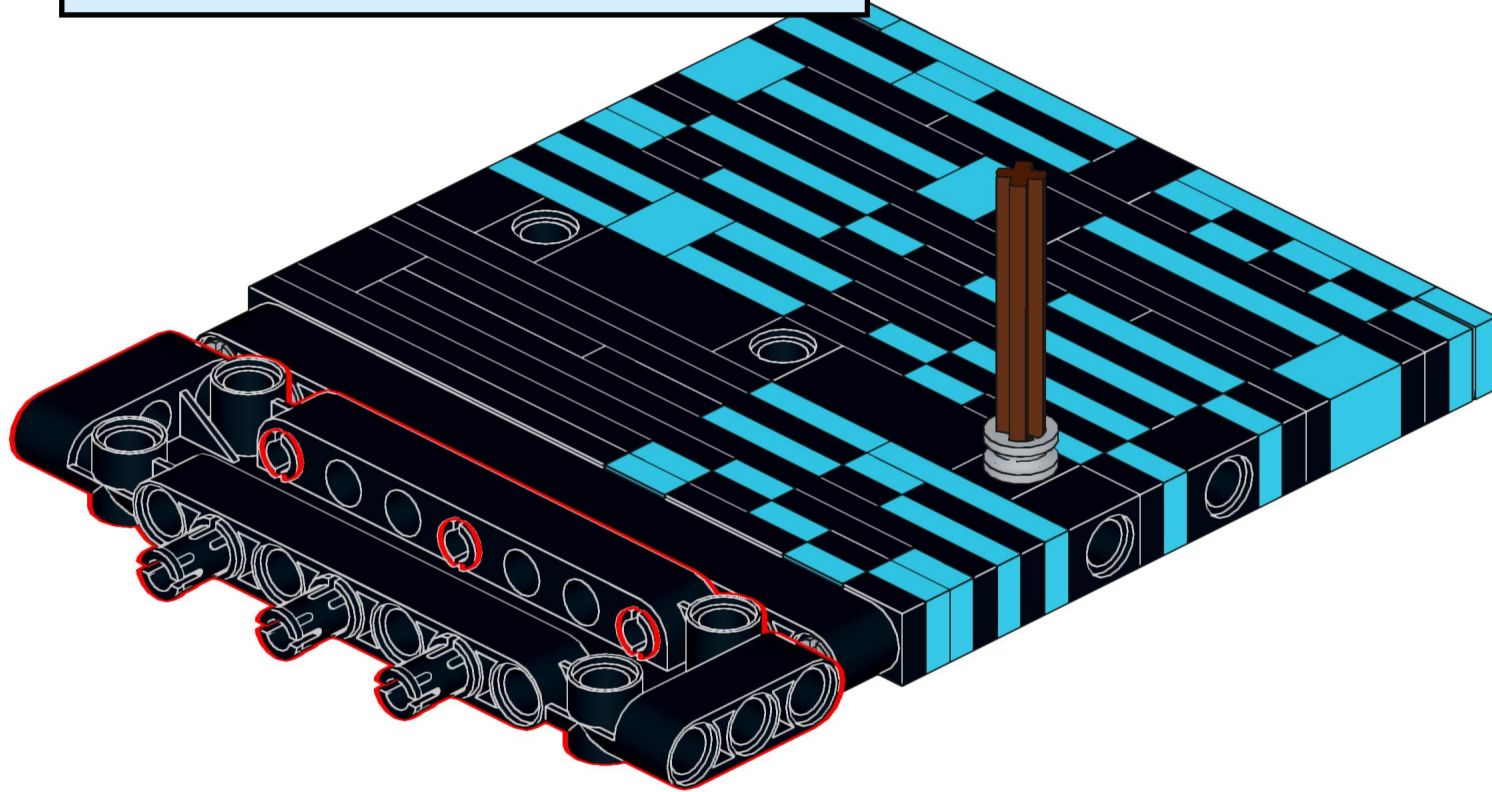
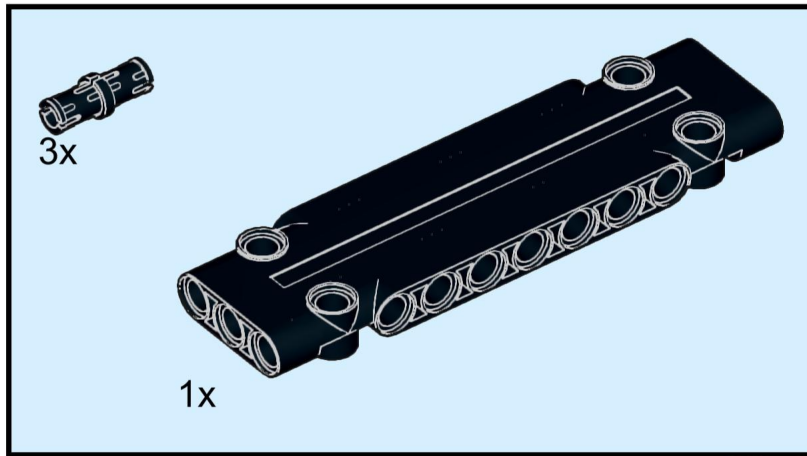
101



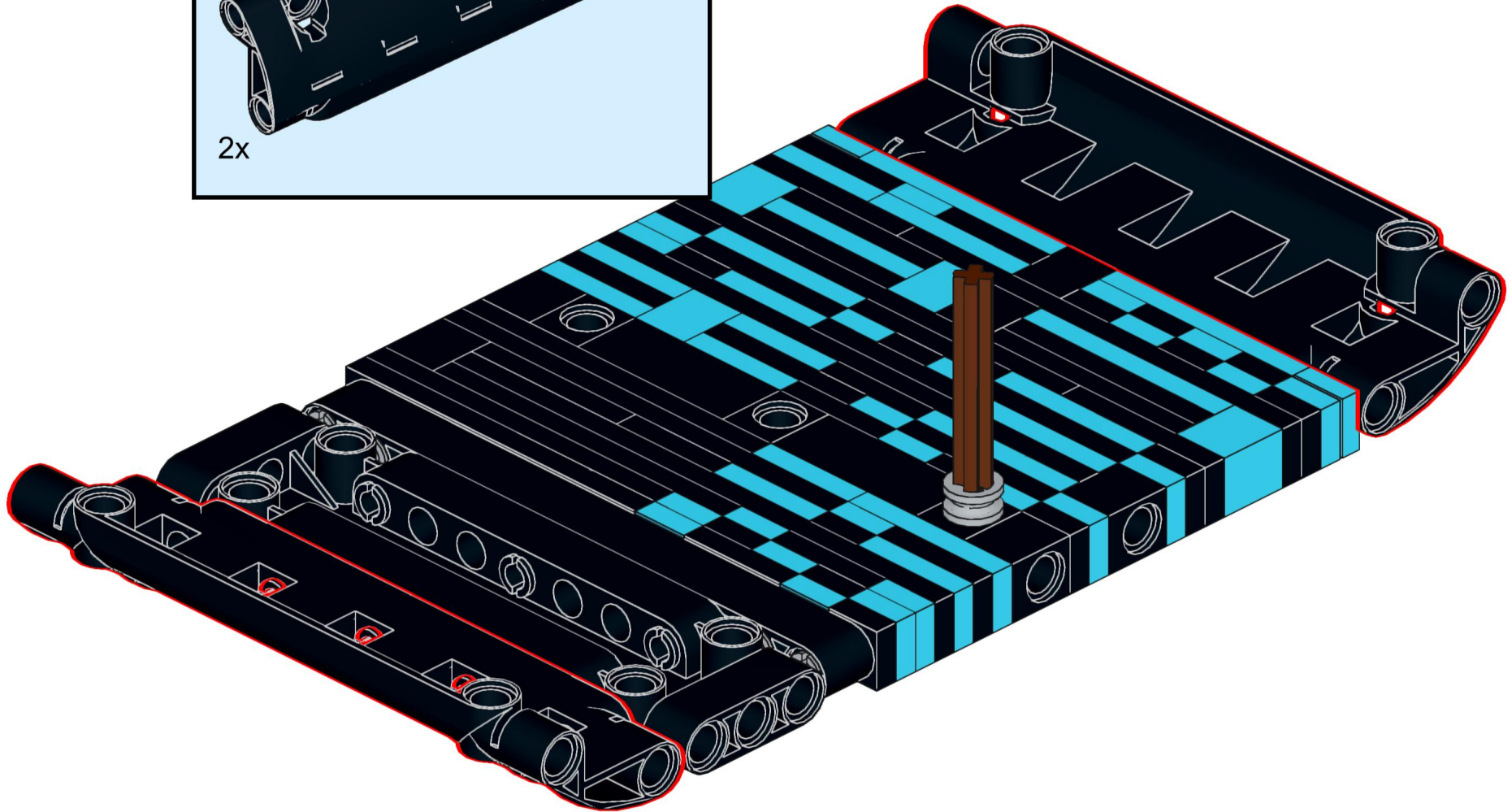
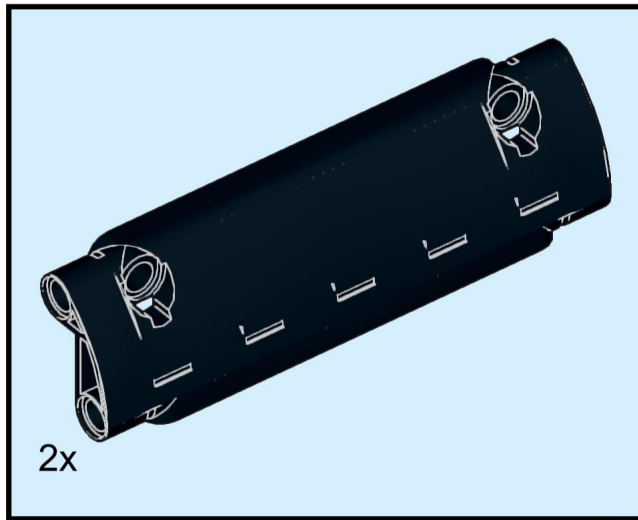
102



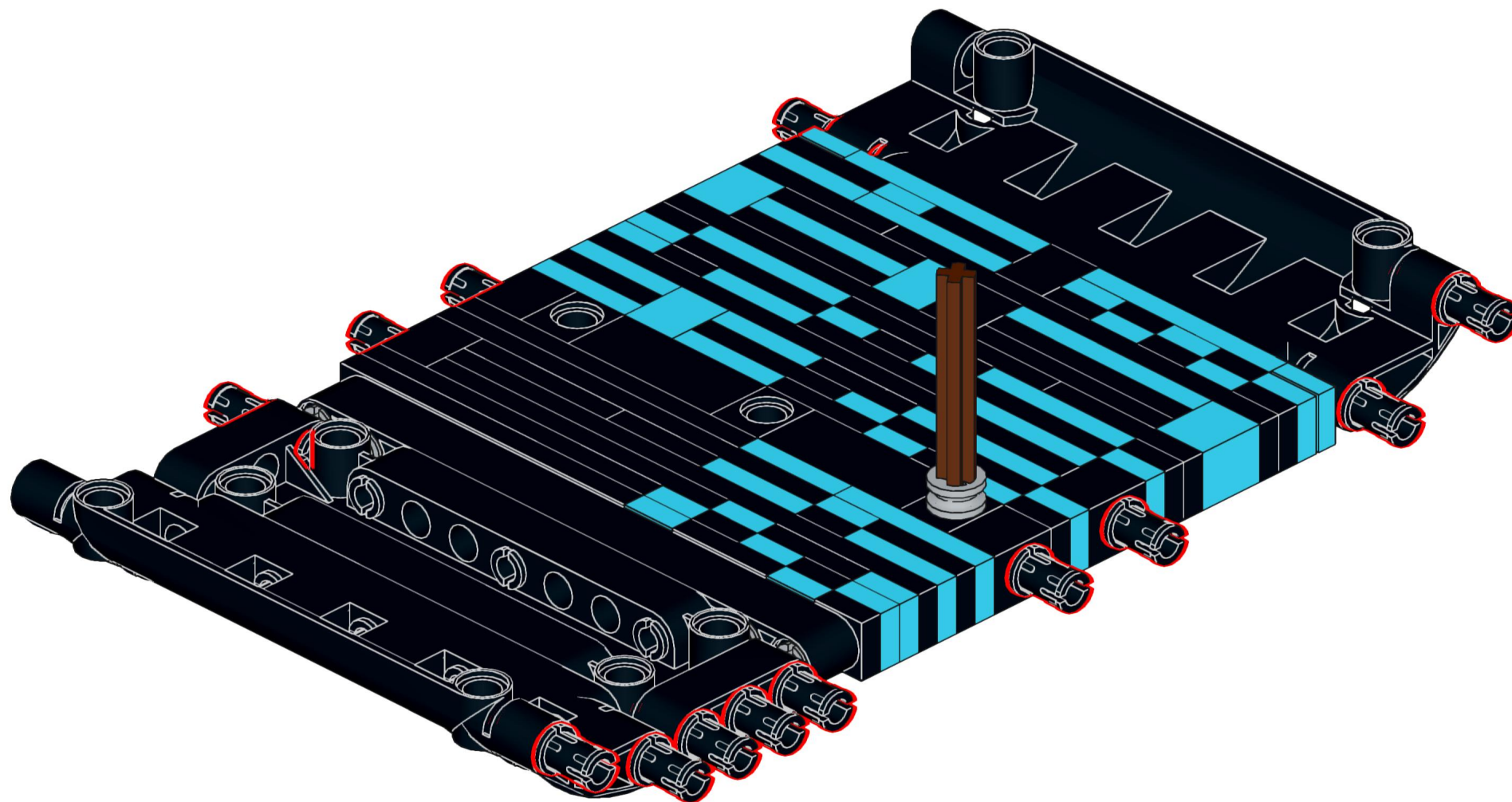
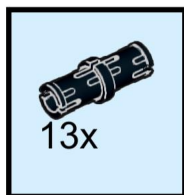
103



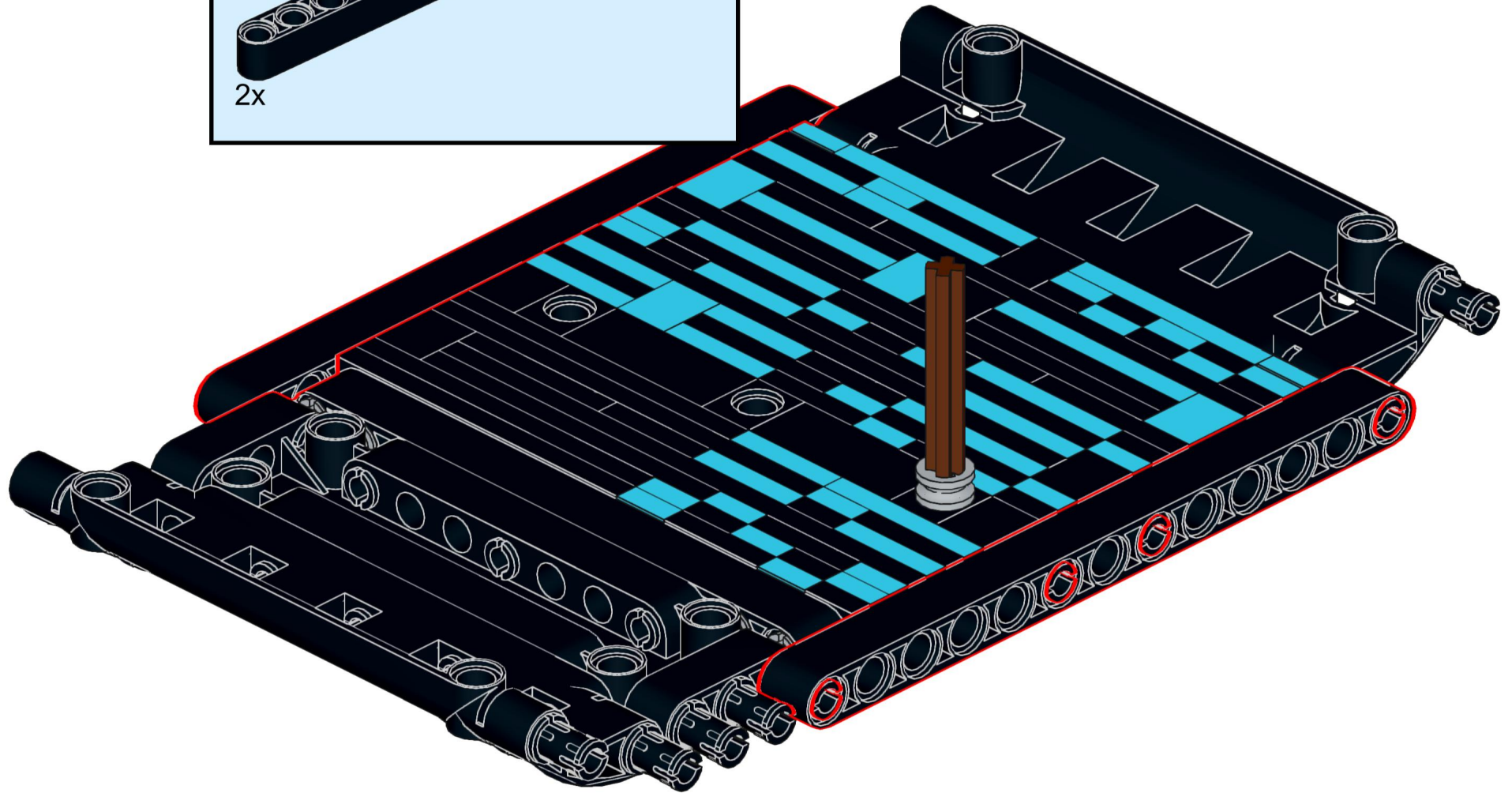
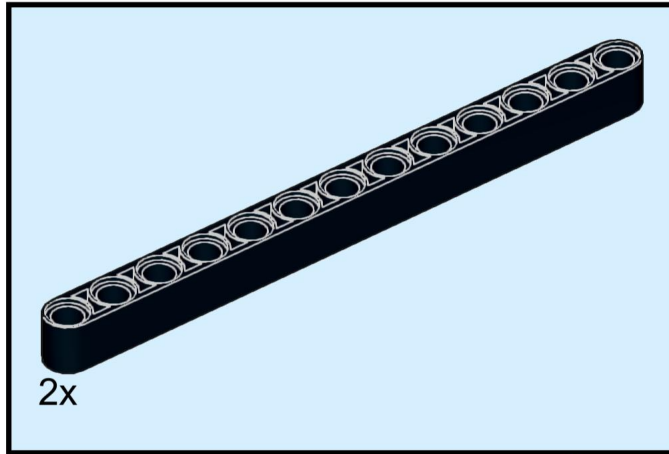
104



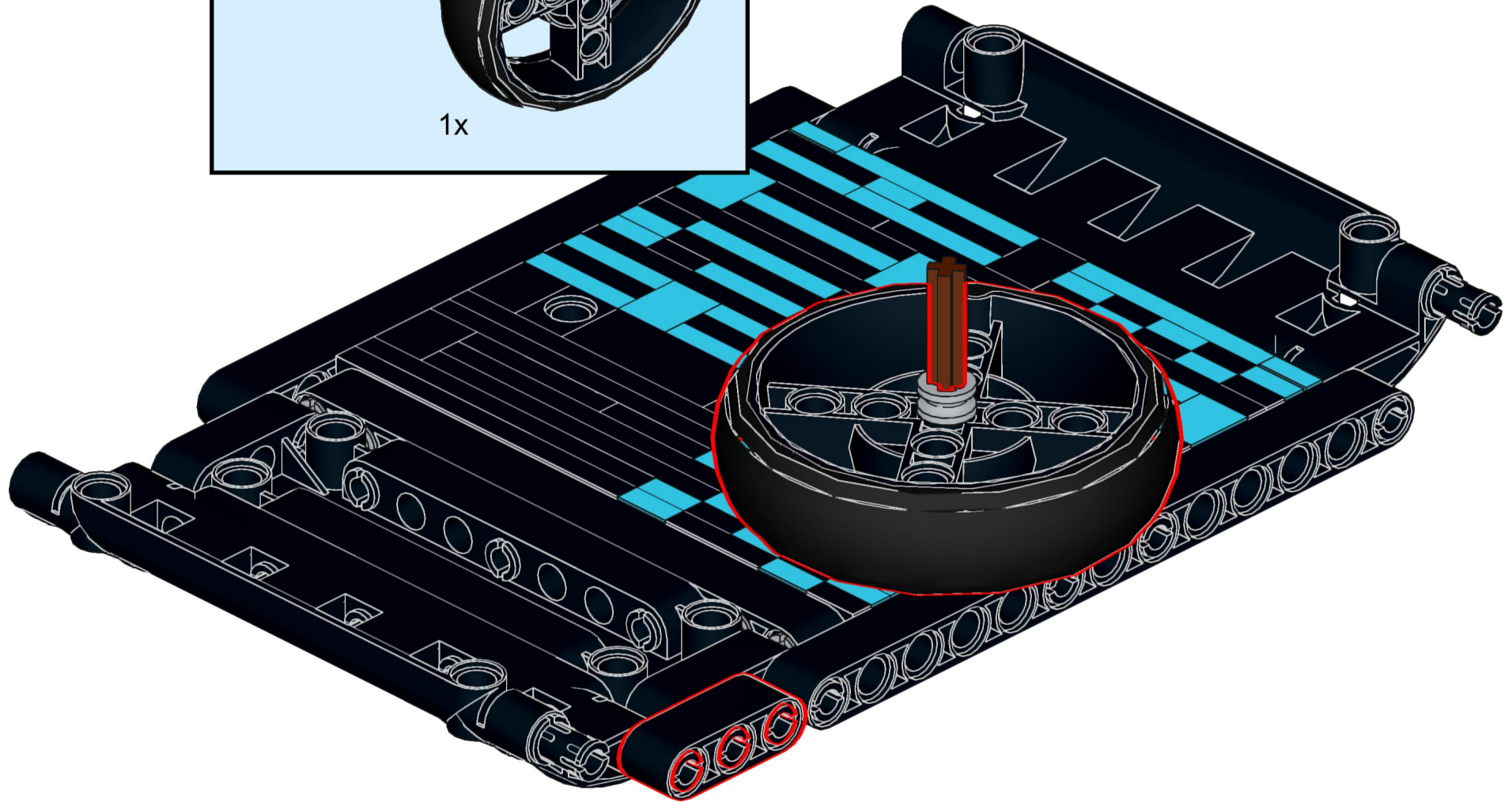
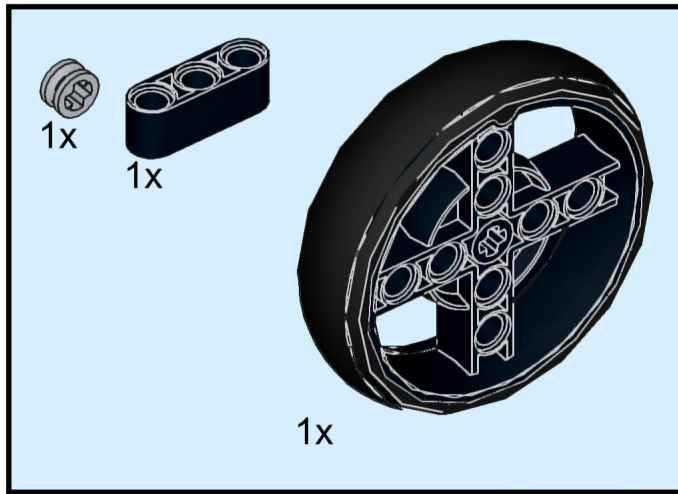
105



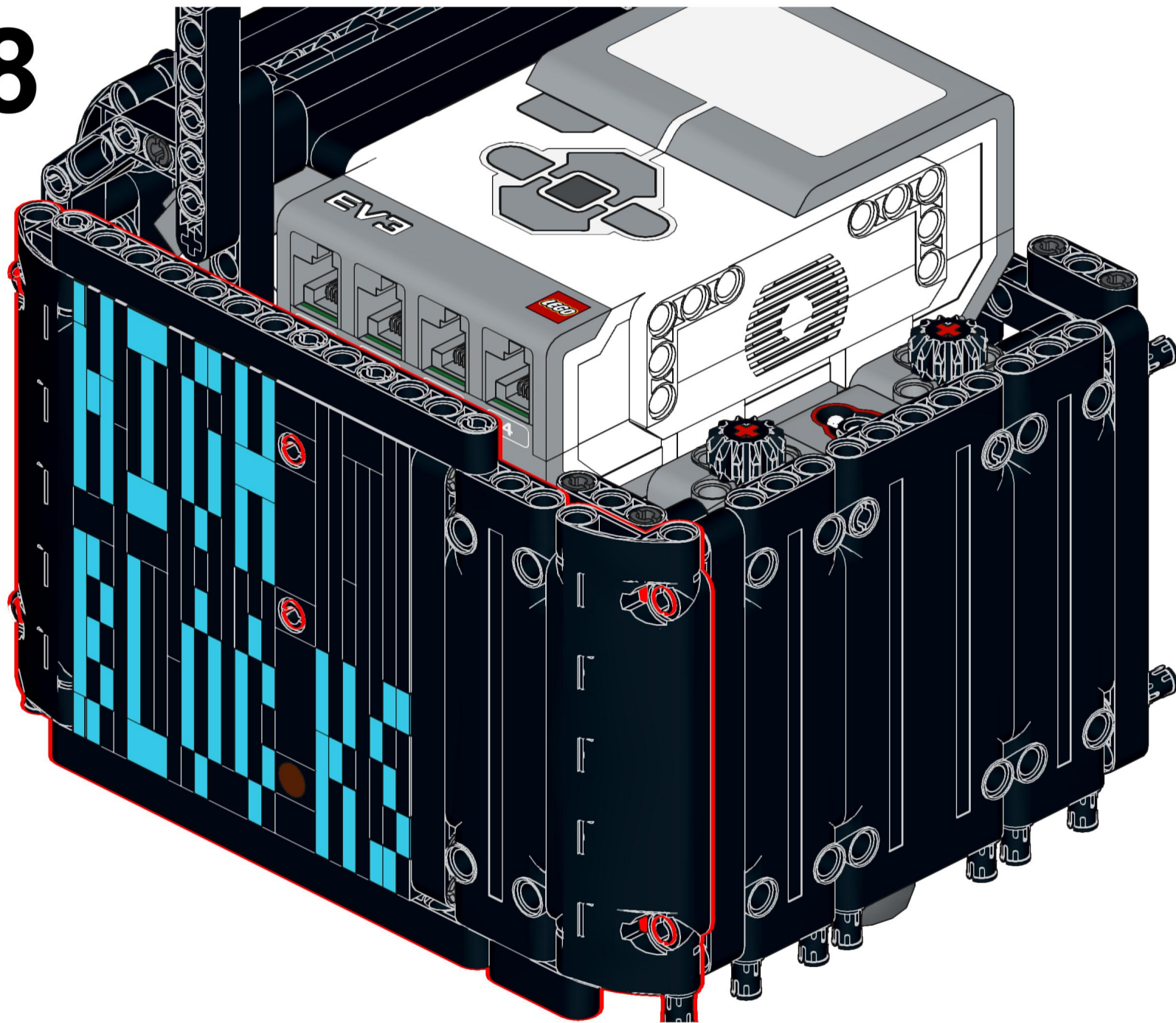
106



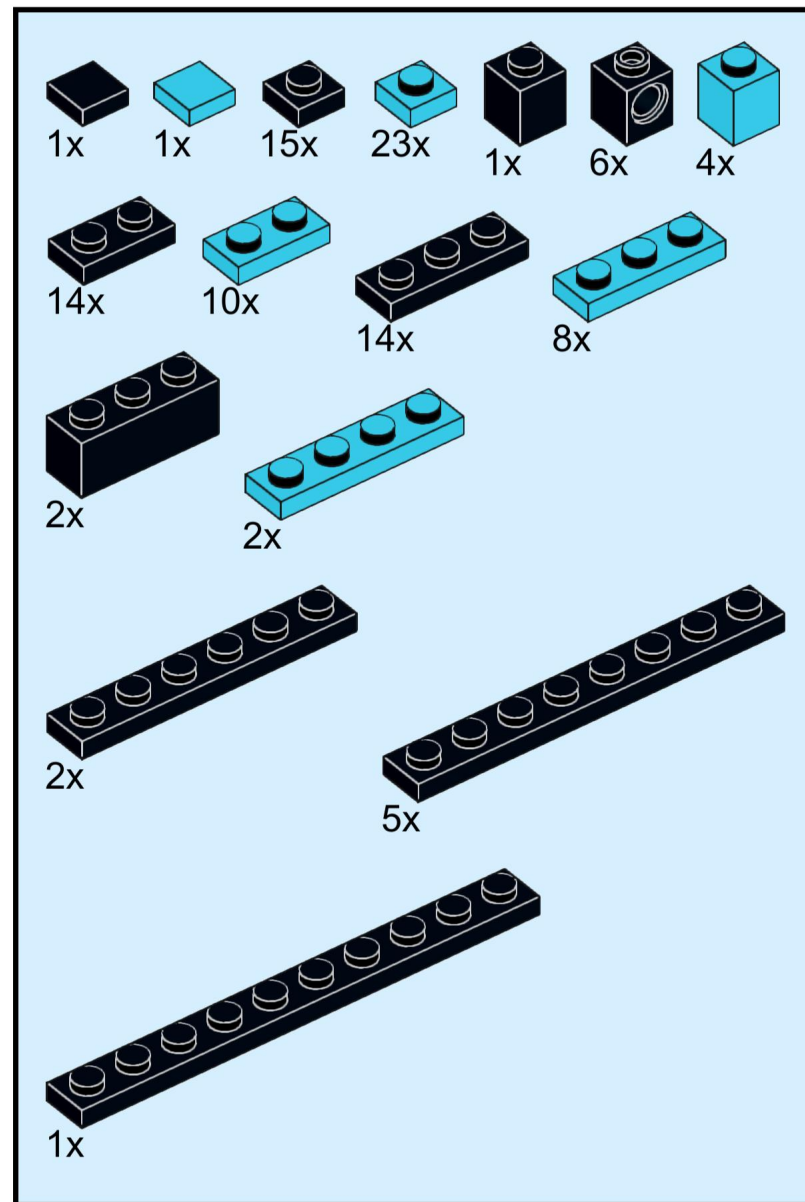
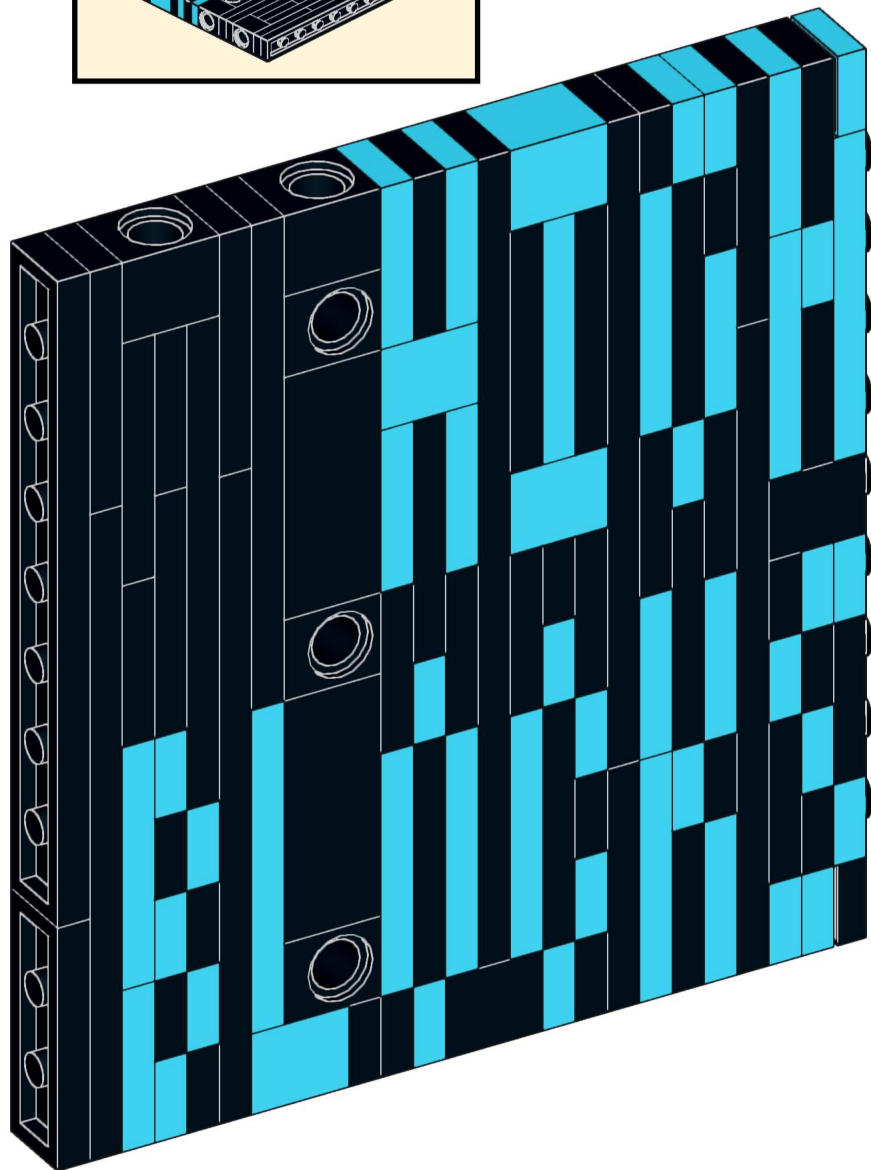
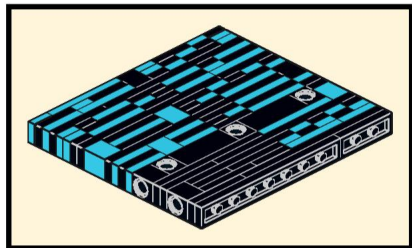
107



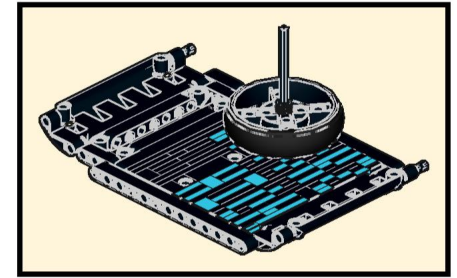
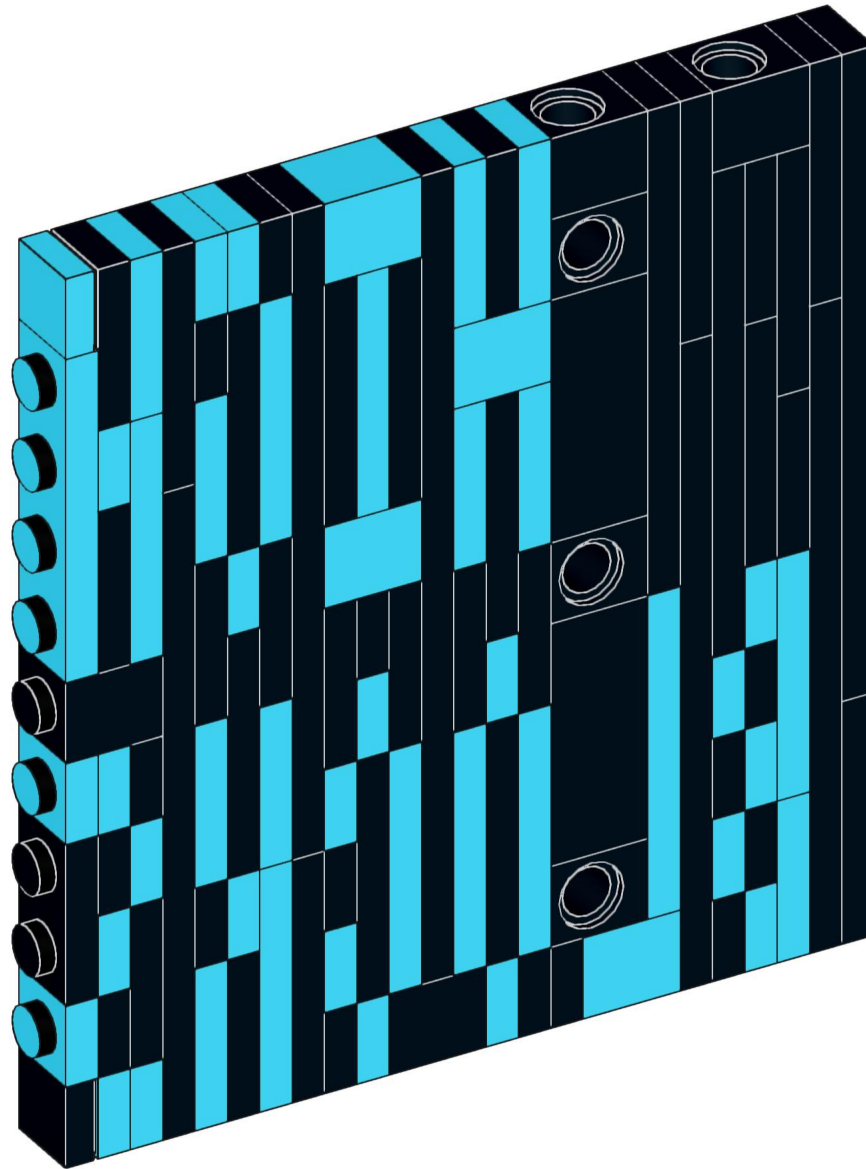
108



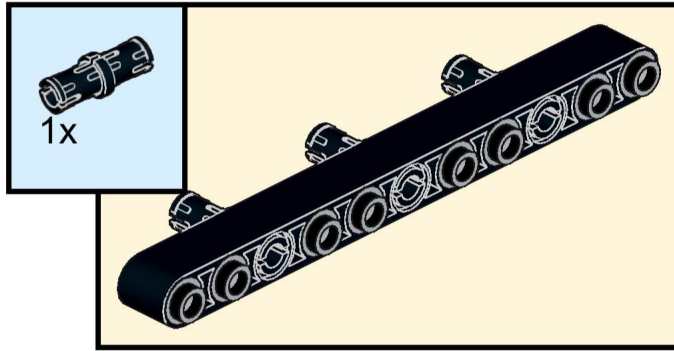
109



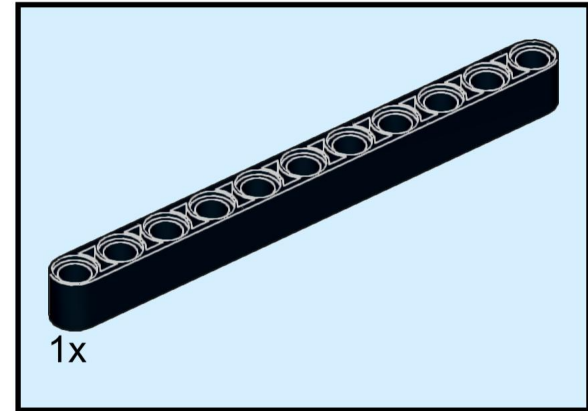
110



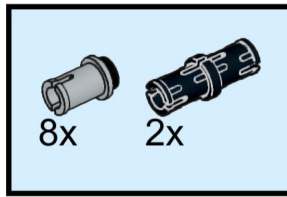
111



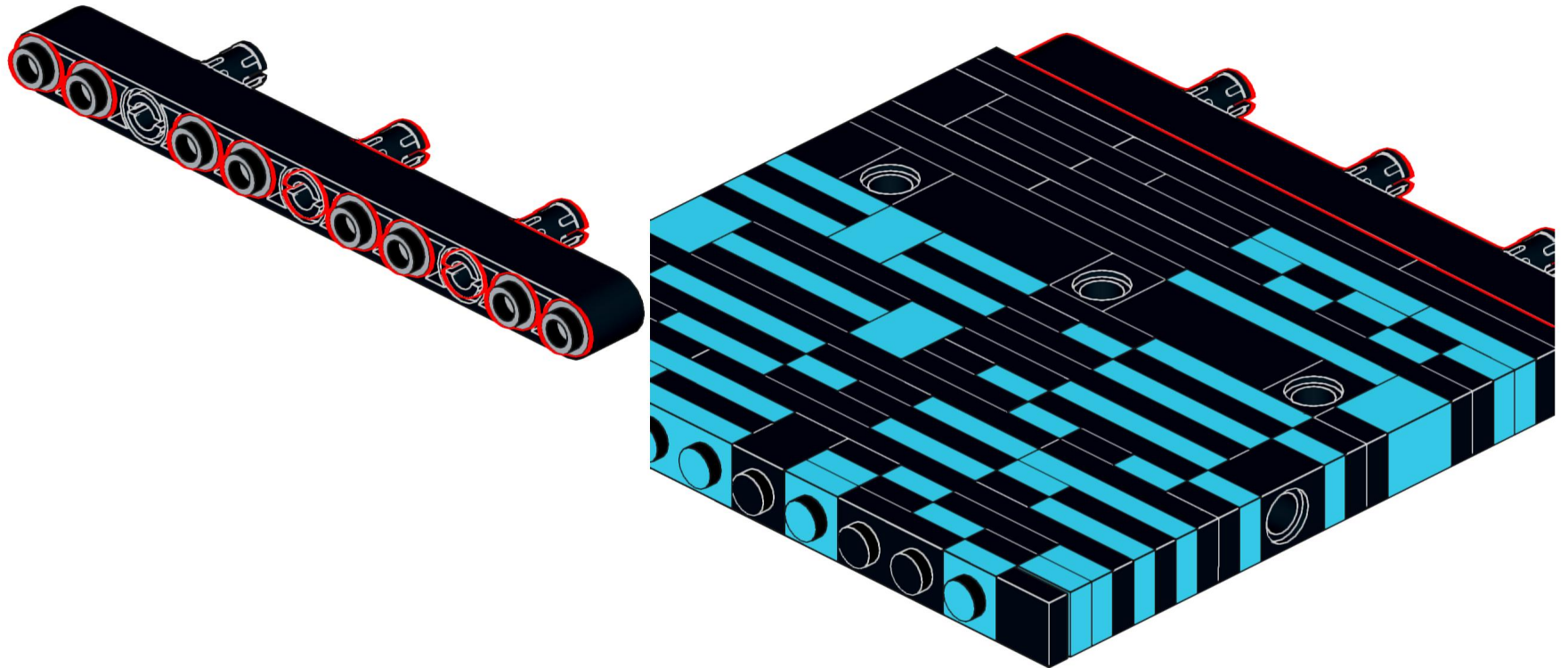
112



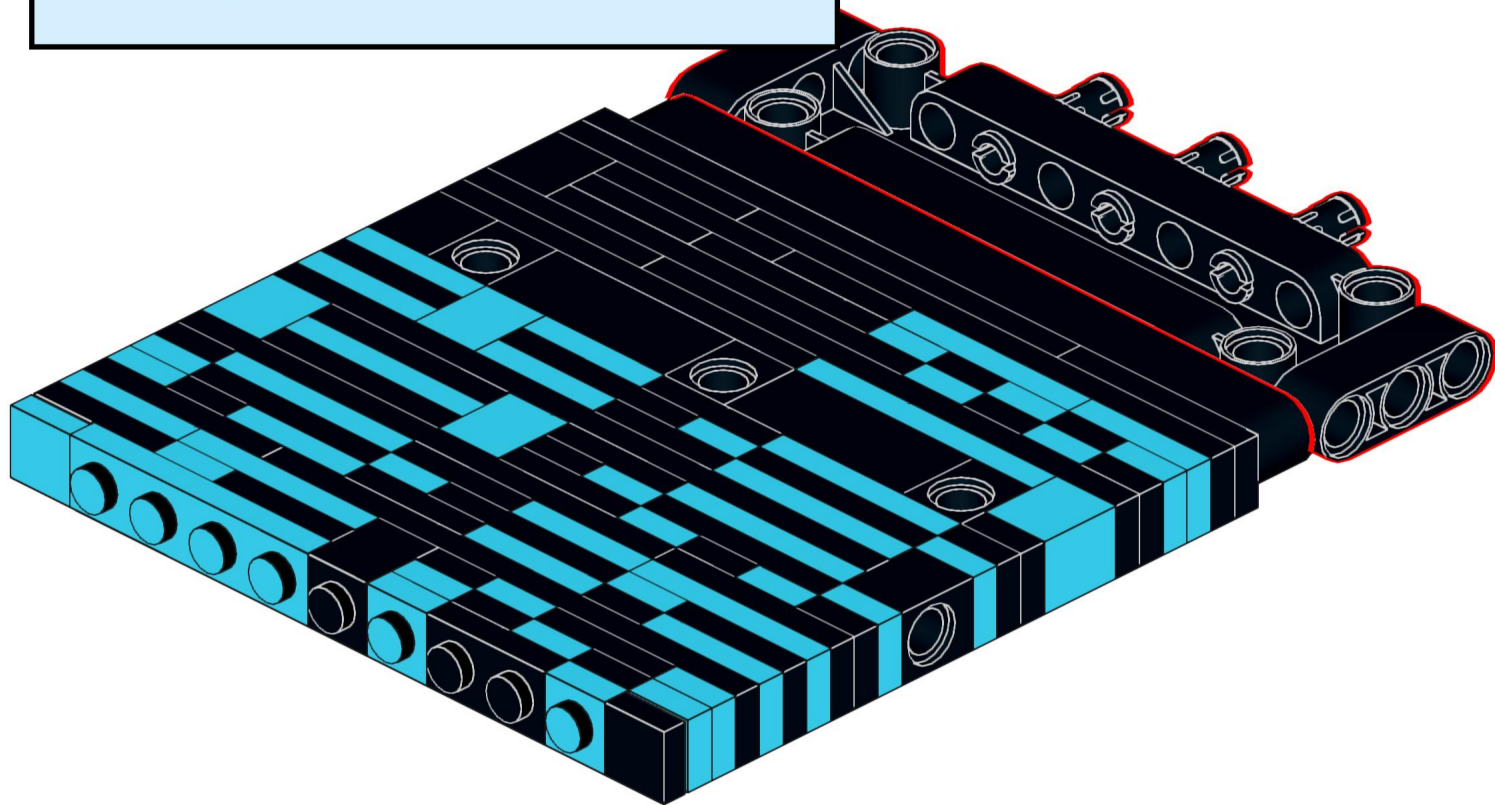
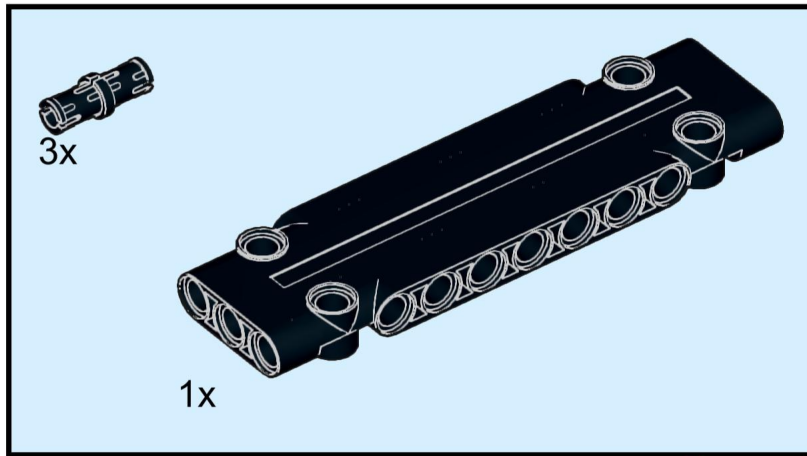
113



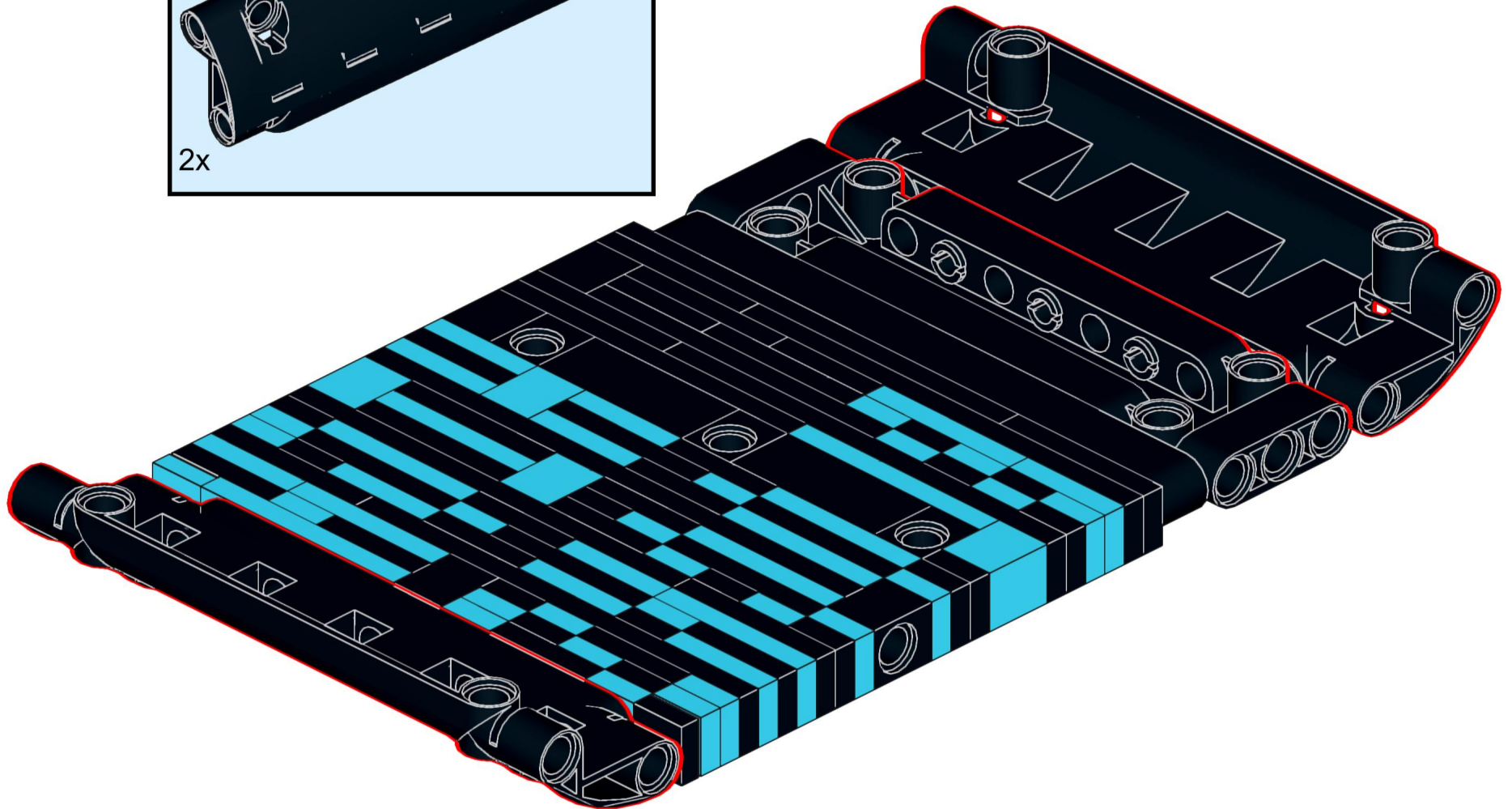
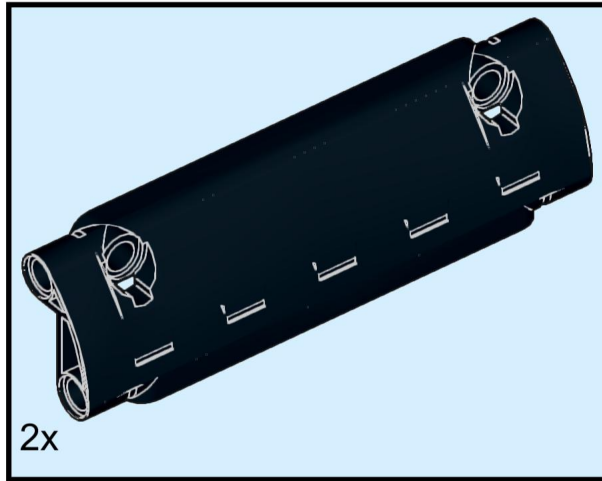
114



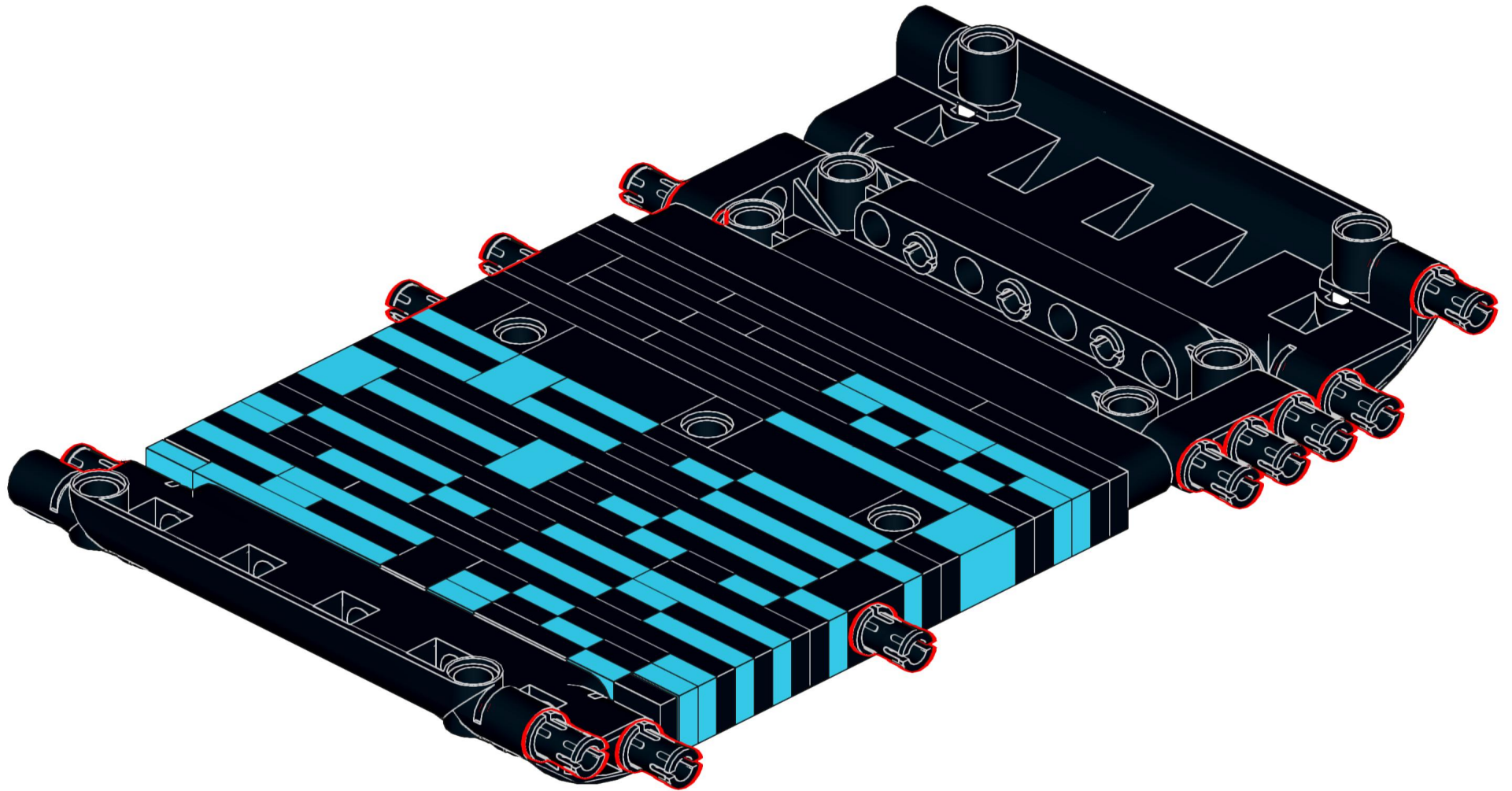
115



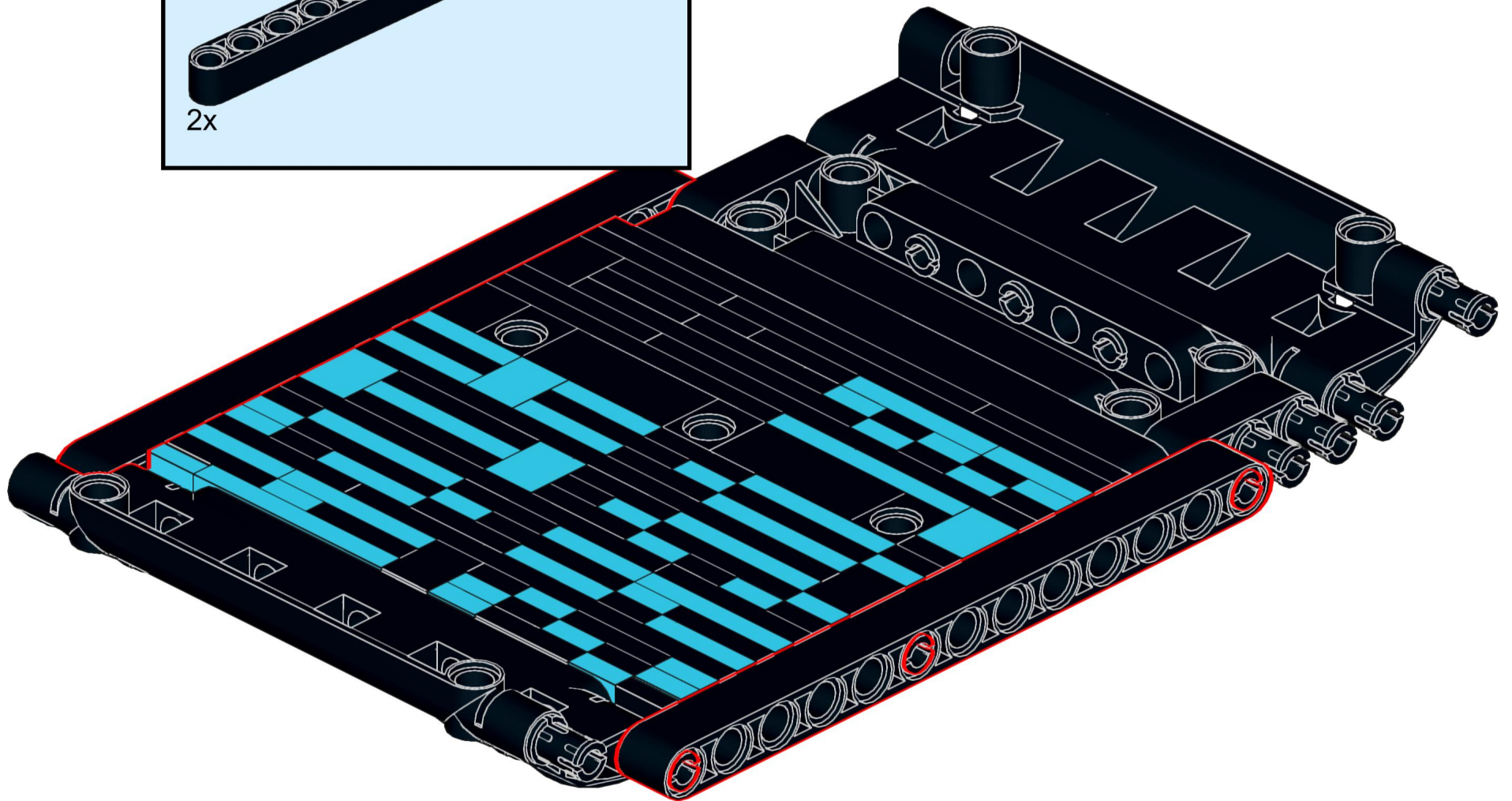
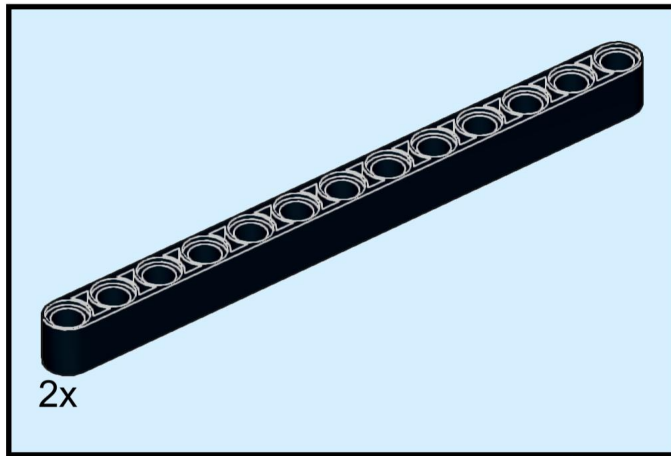
116



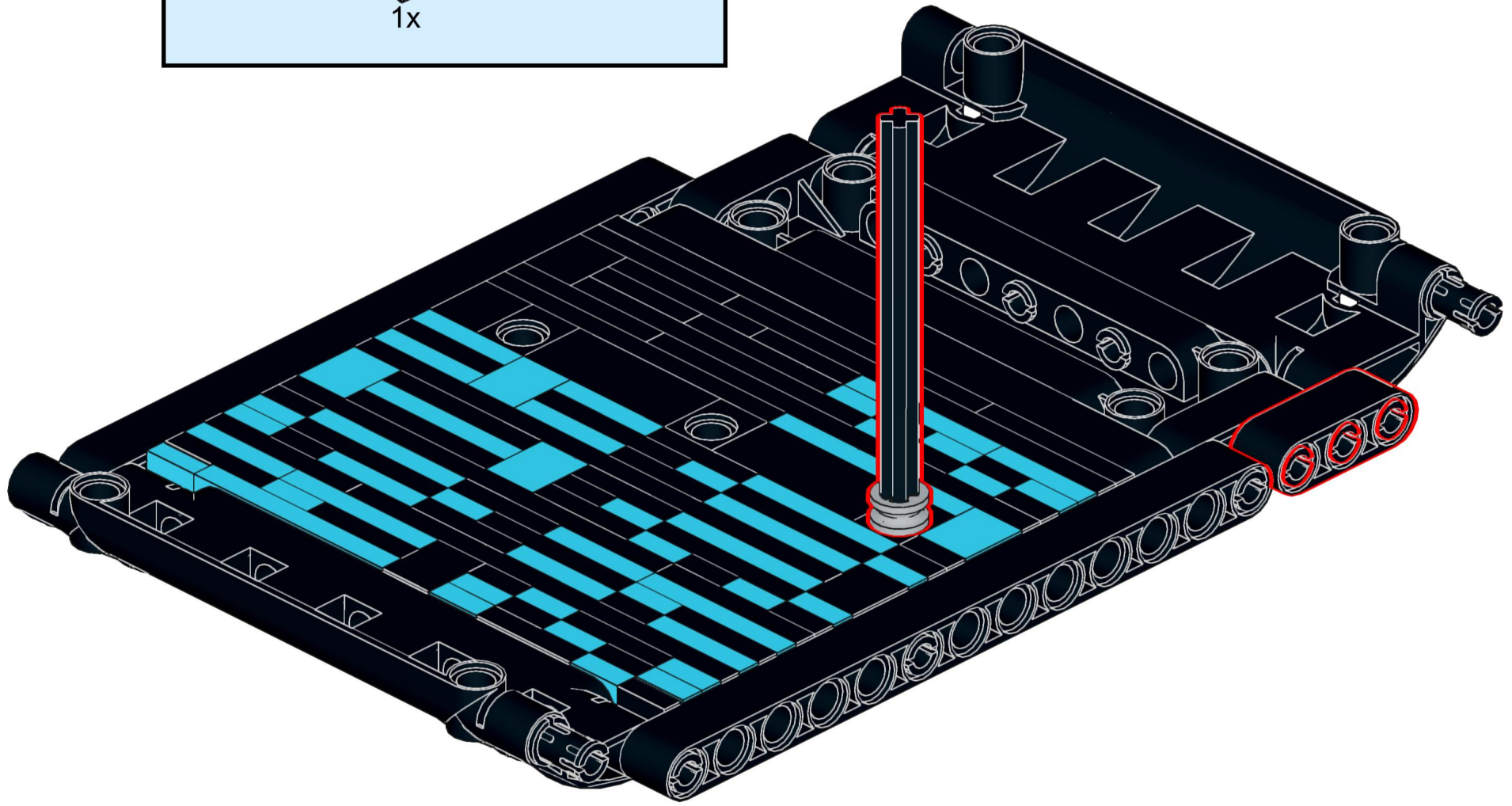
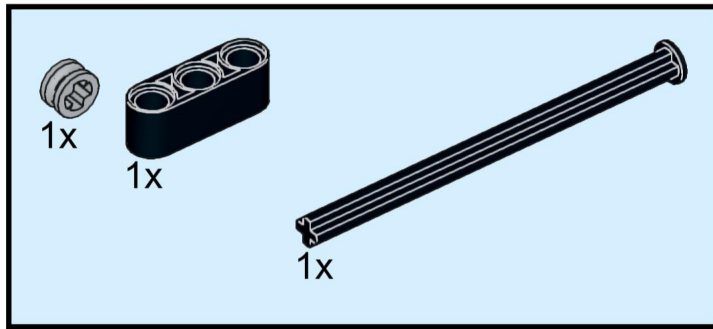
117



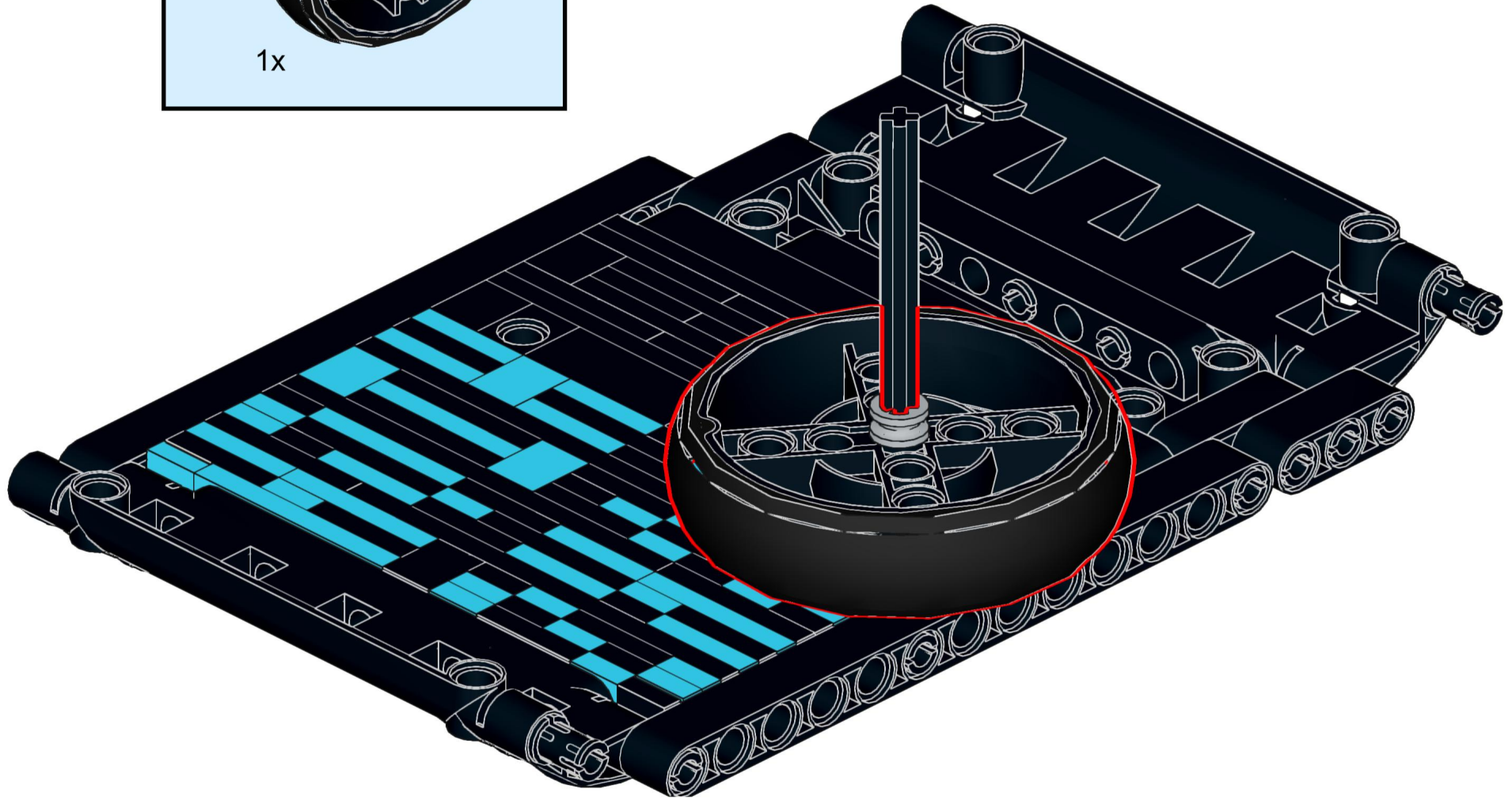
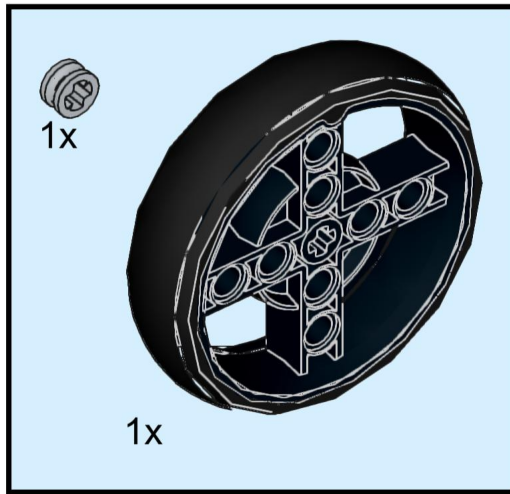
118



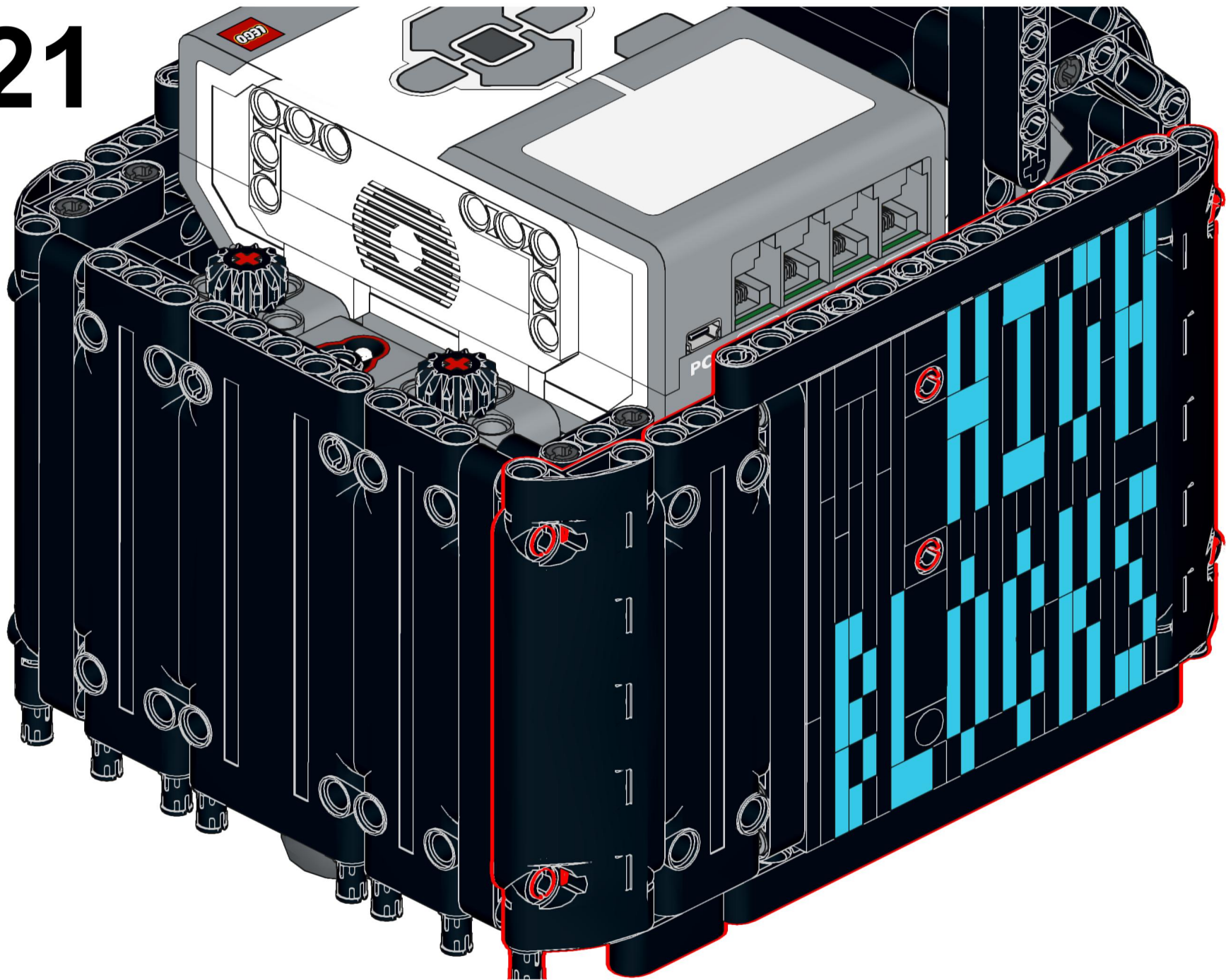
119



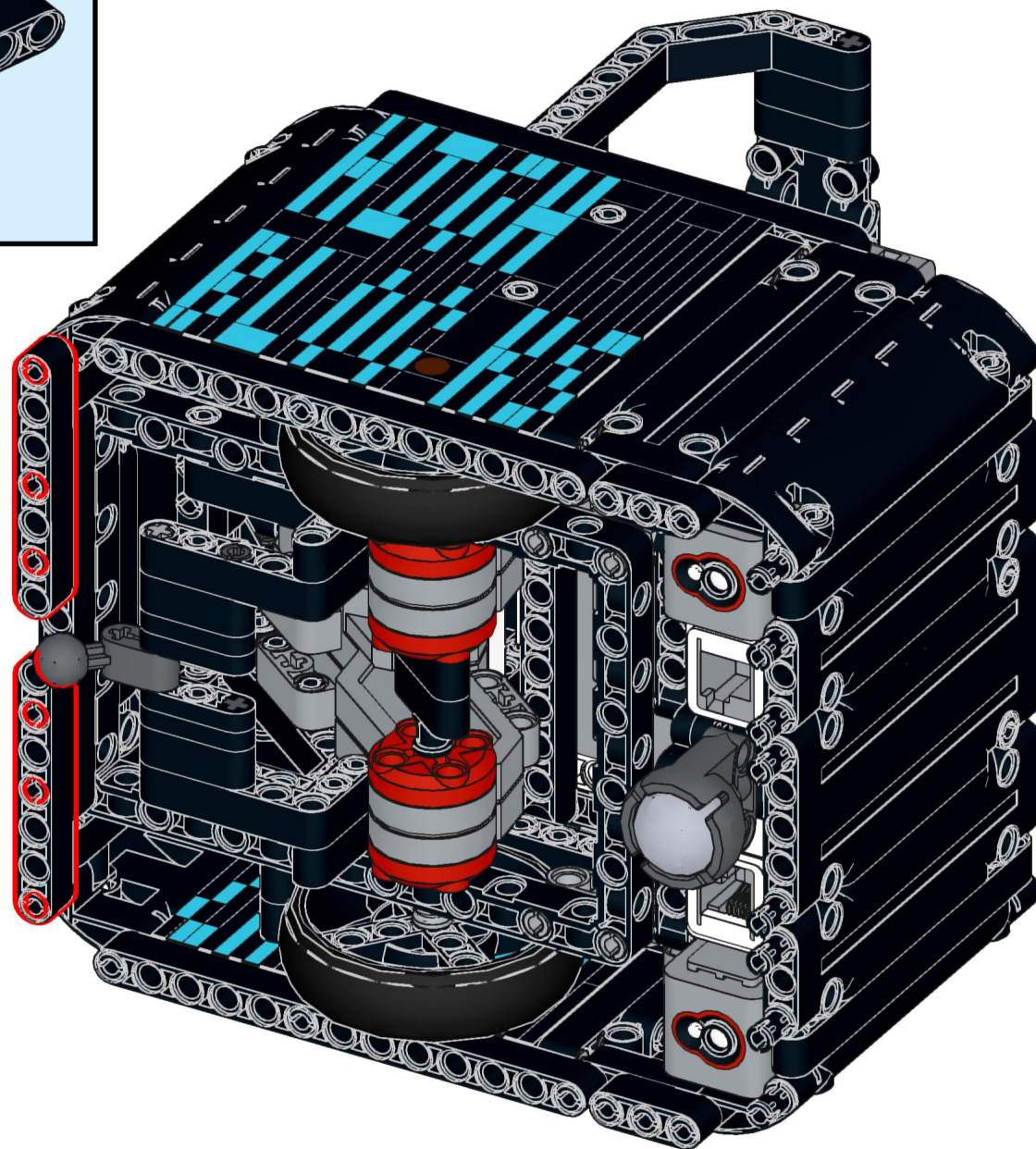
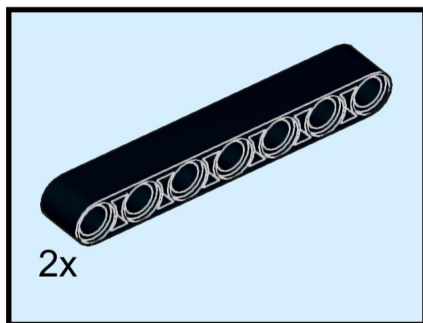
120



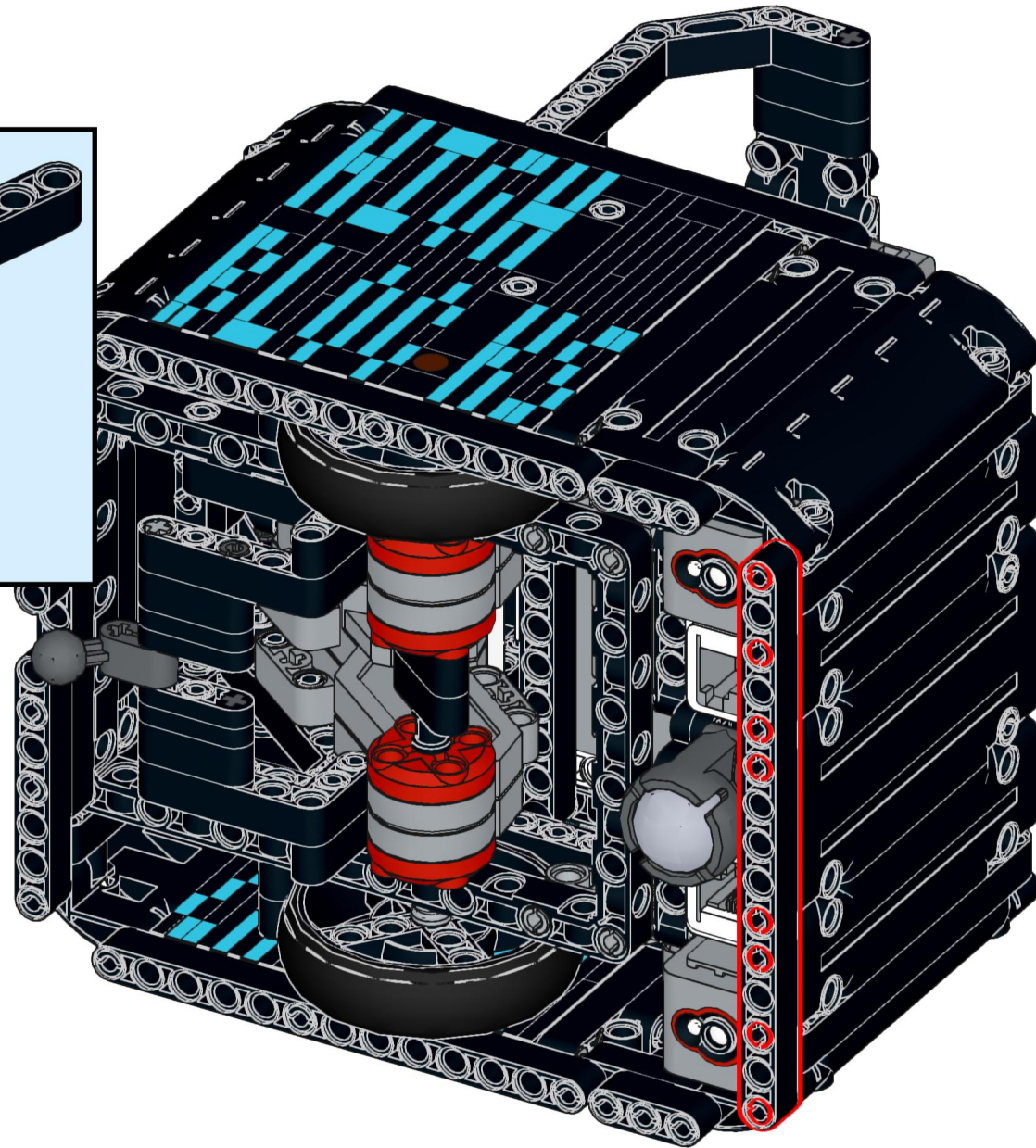
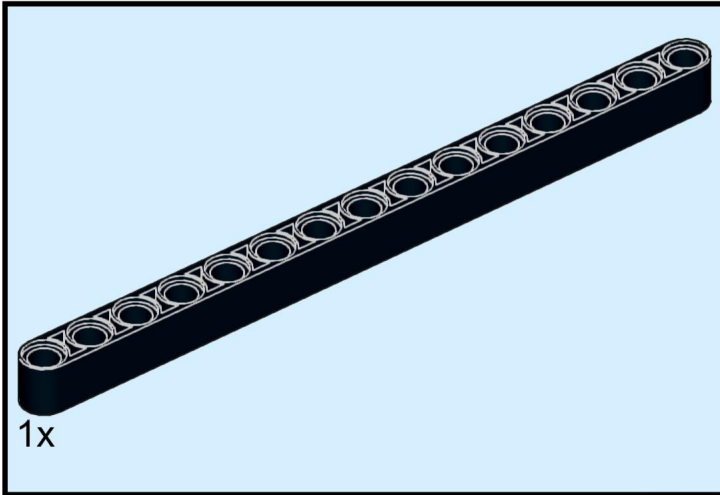
121



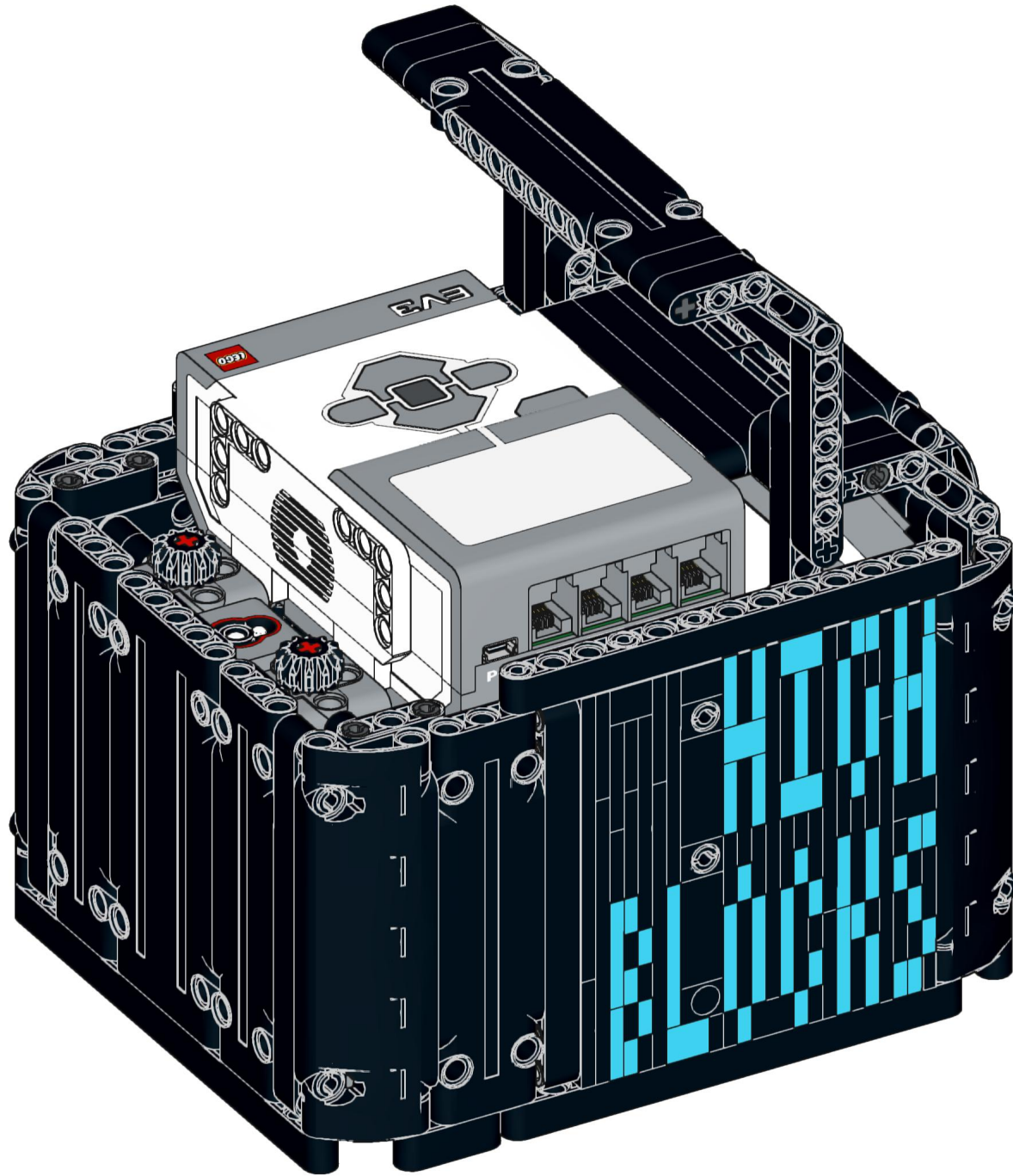
122



123

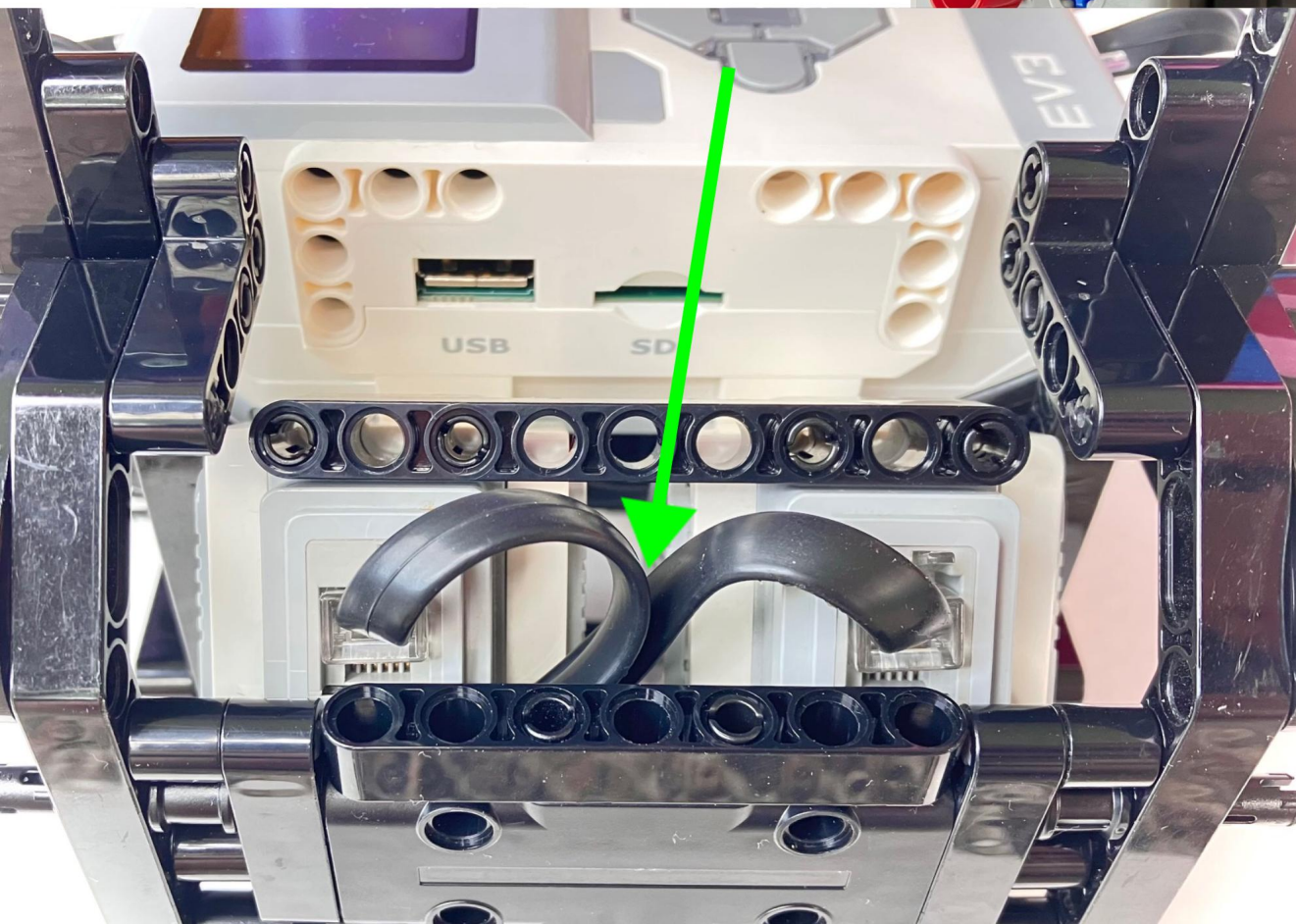
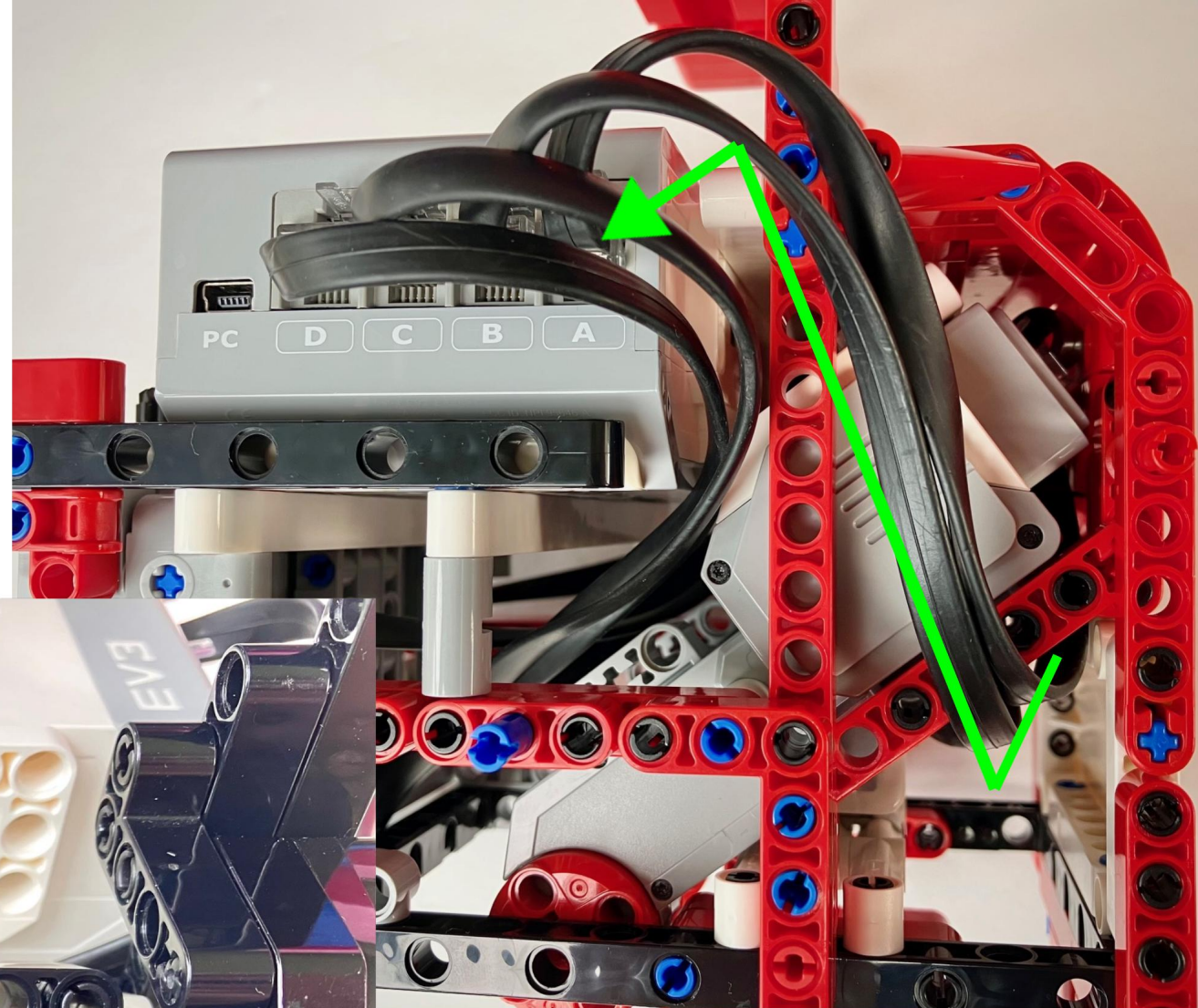


124

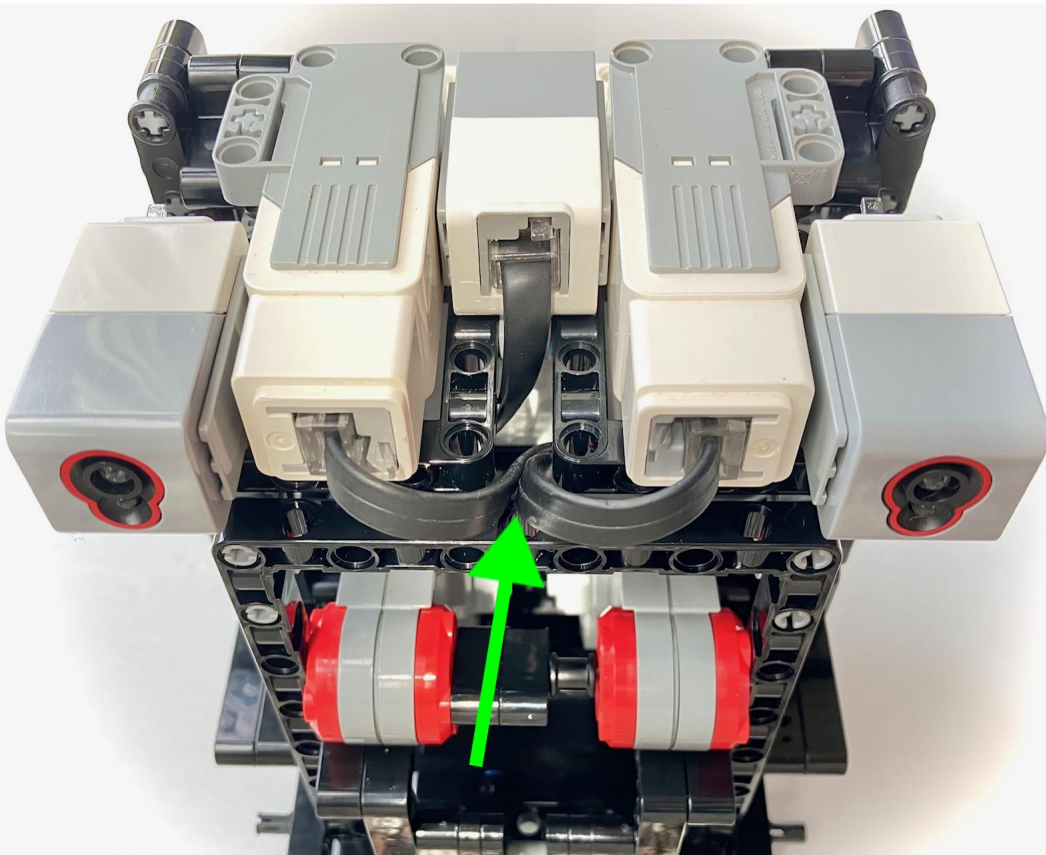


Drive Motors

A = Right Motor
B = Left Motor



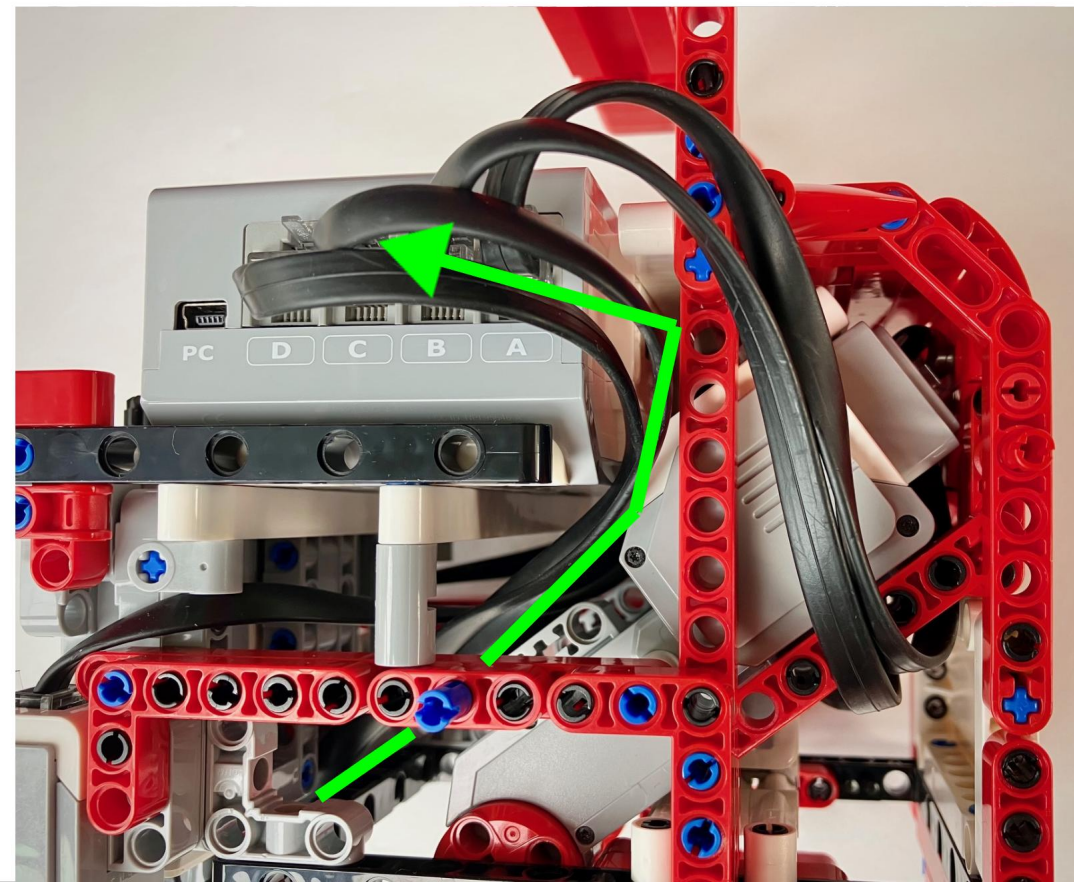
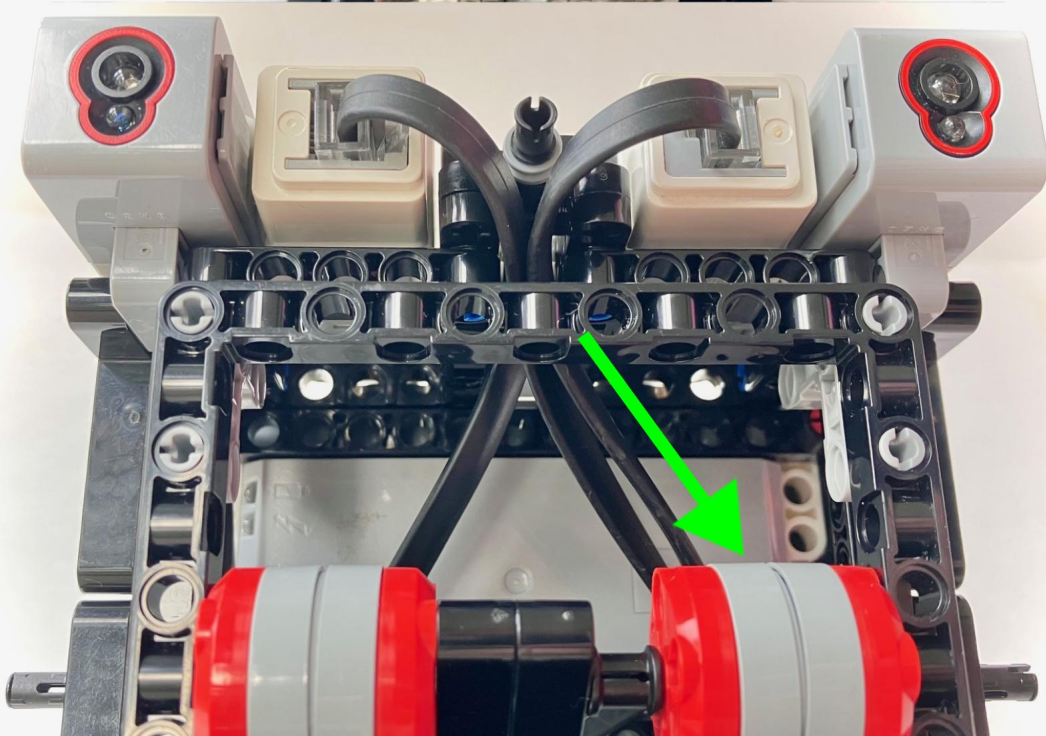
Run Drive Motor Wires down between the motors, out the left side, and up to the EV3



Attachment Motors

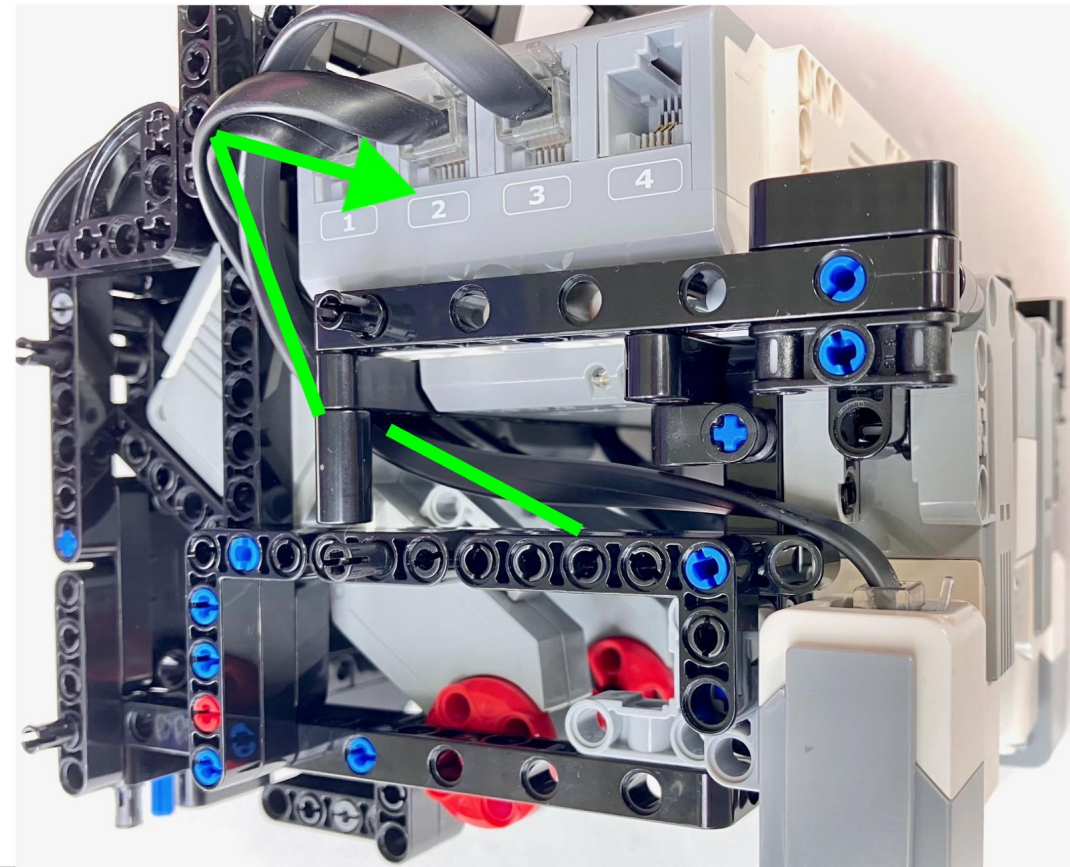
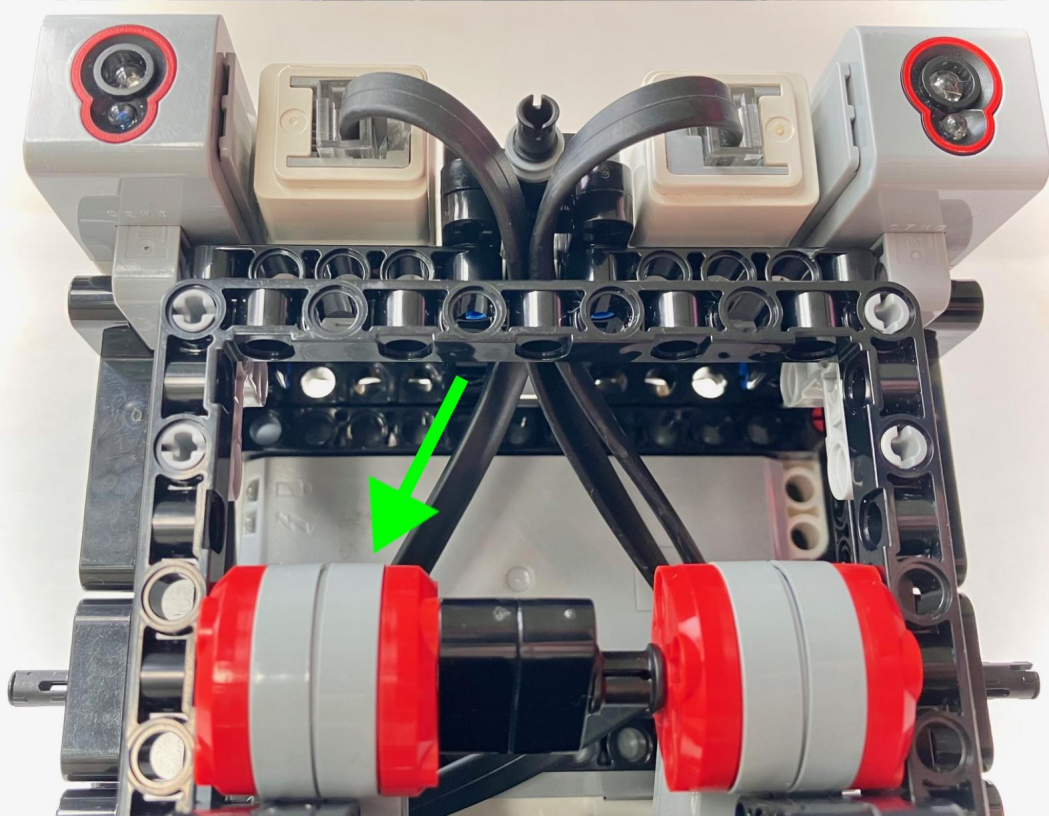
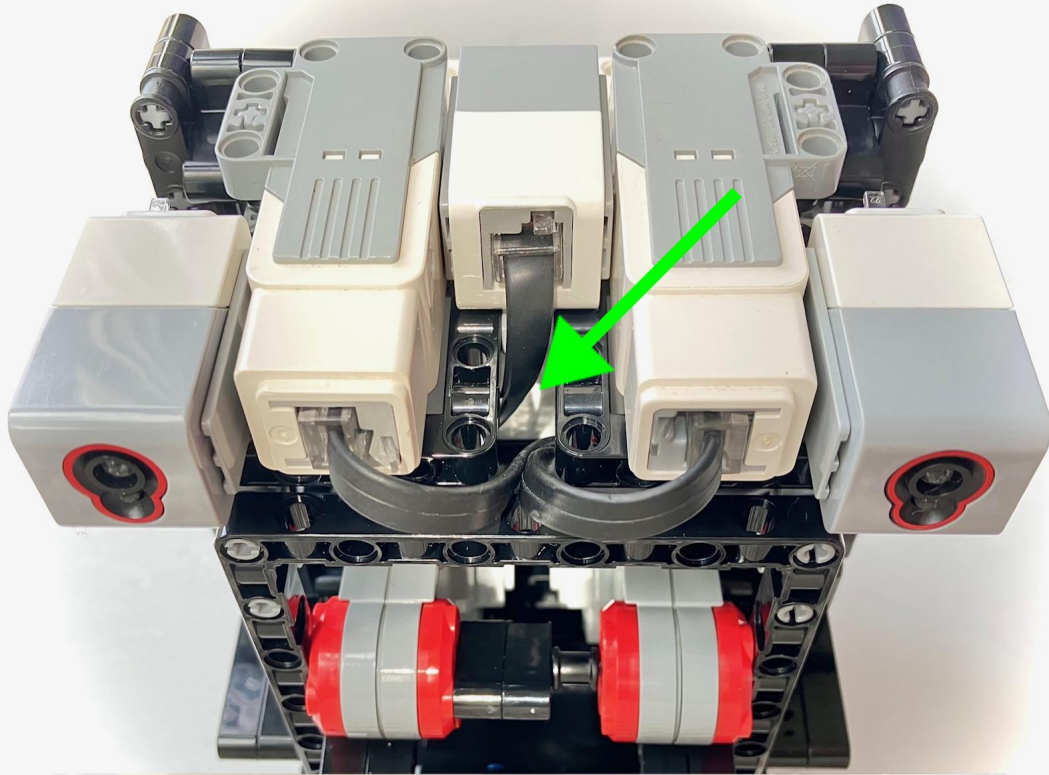
C = Left Motor
D = Right Motor

Remove front caster, run the Wires between the frame pieces, towards the left rear side, and up to the EV3



Attachment Sensor 2 = Color Sensor

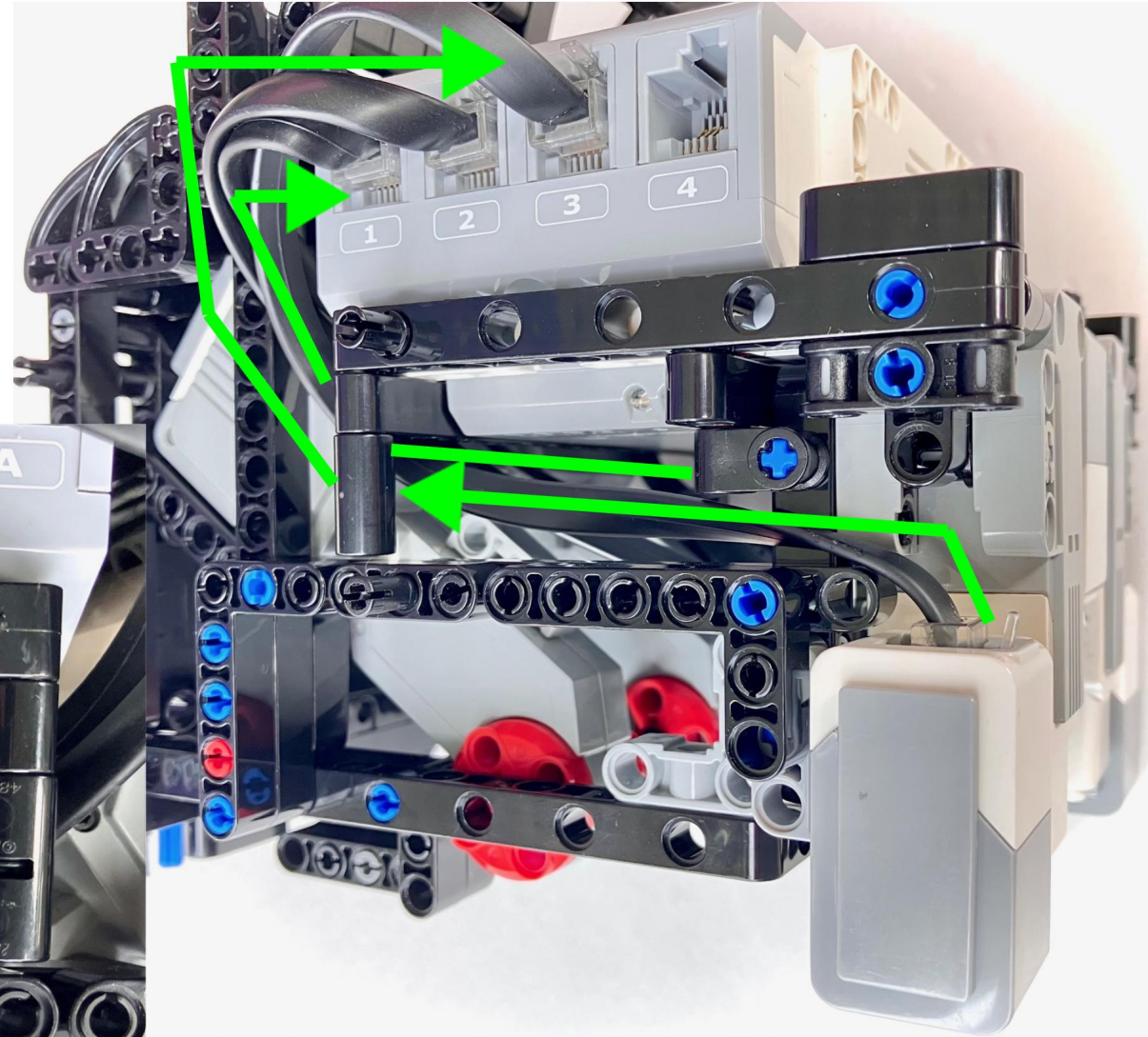
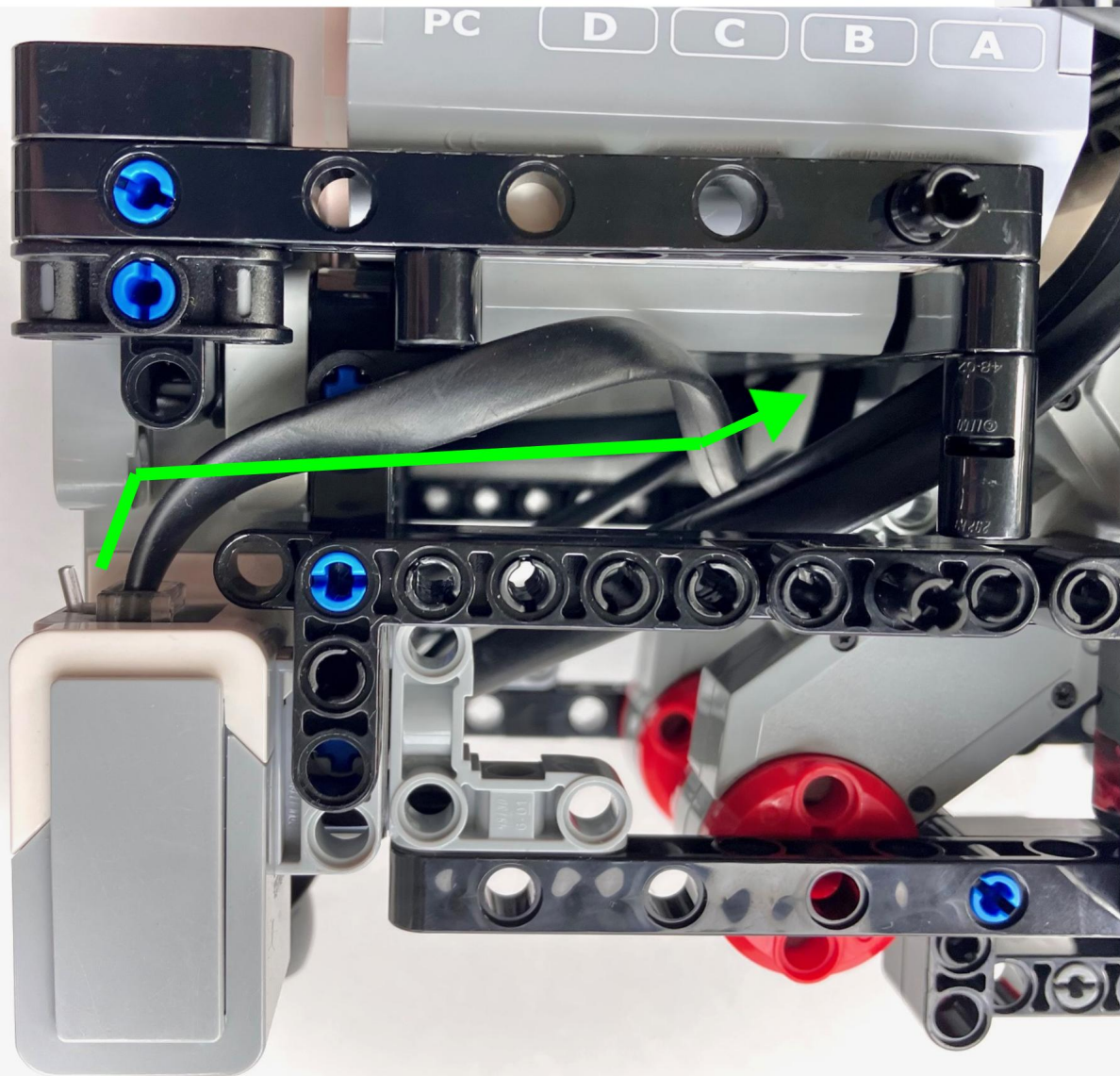
Remove front caster, run the Wire between the frame pieces, towards the right rear side, and up to the EV3



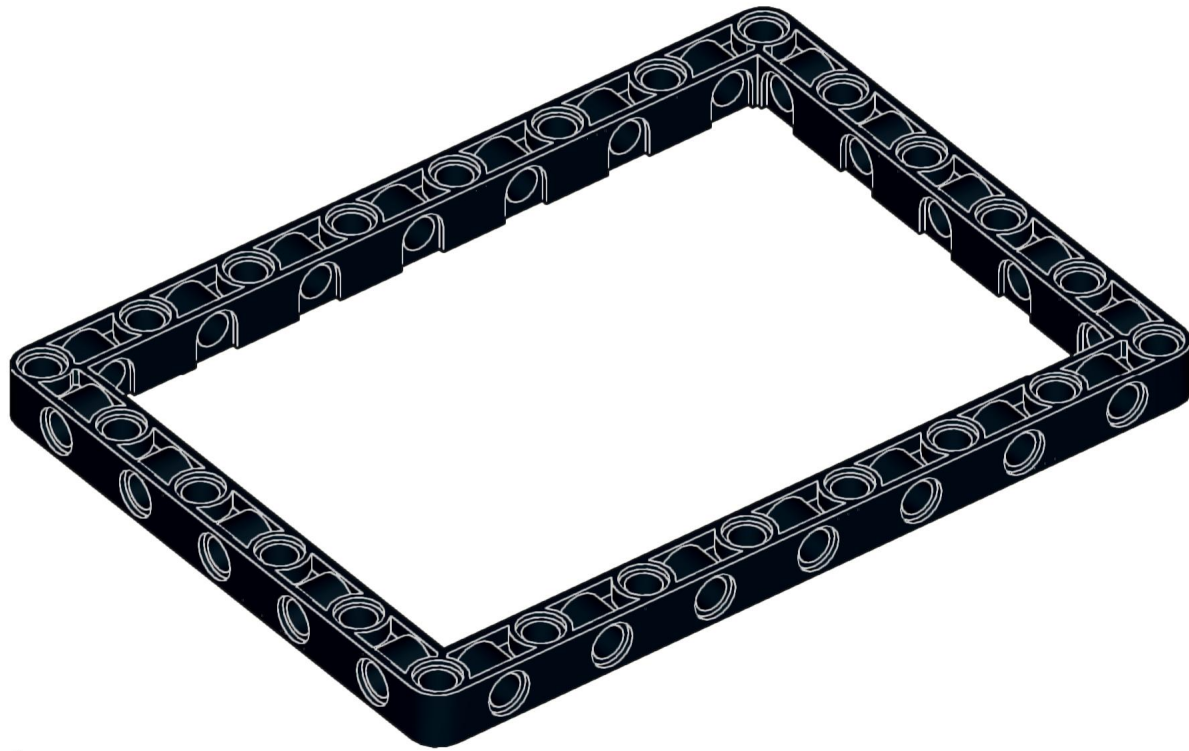
Line Sensors

1 = Left Sensor

3 = Right Sensor



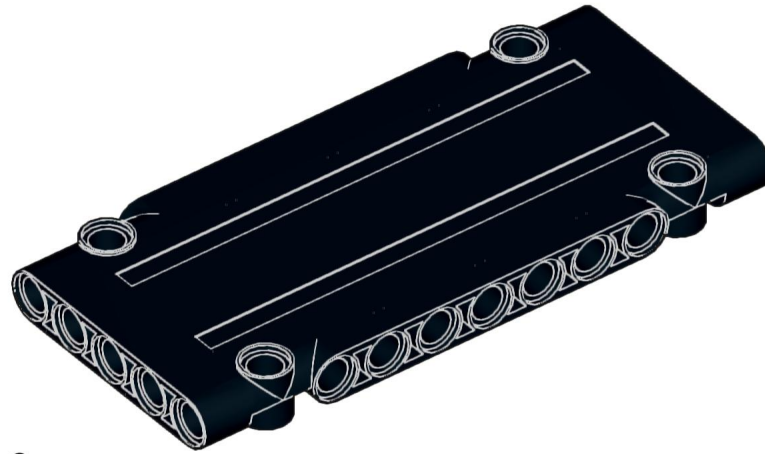
Run the Wires straight back, towards the right rear side, and up to the EV3



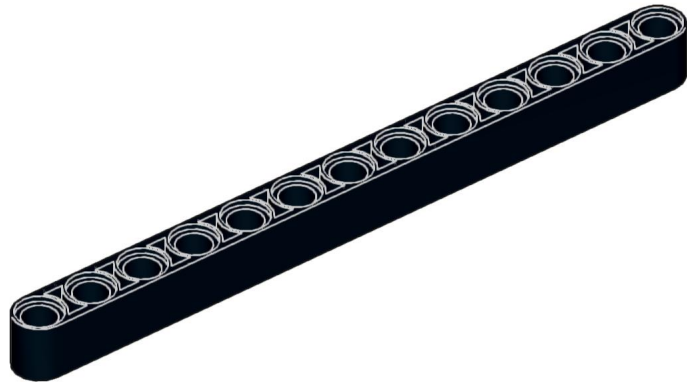
1x
39790
Black



5x
32278
Black



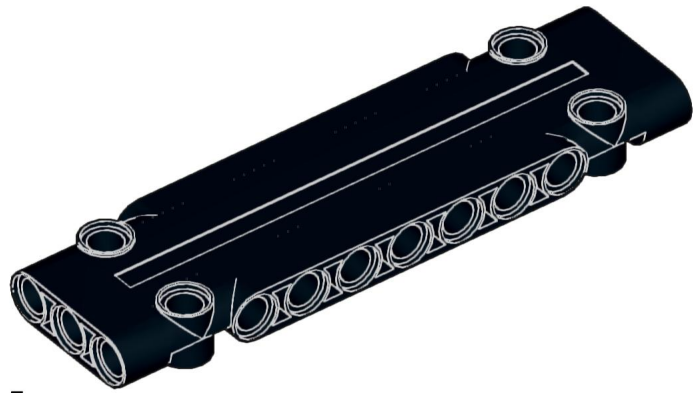
2x
64782
Black



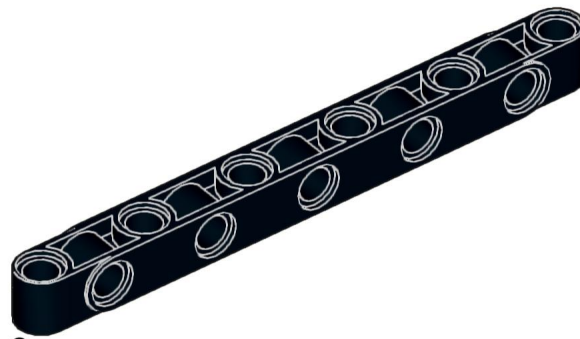
4x
41239
Black



5x
62531
Black



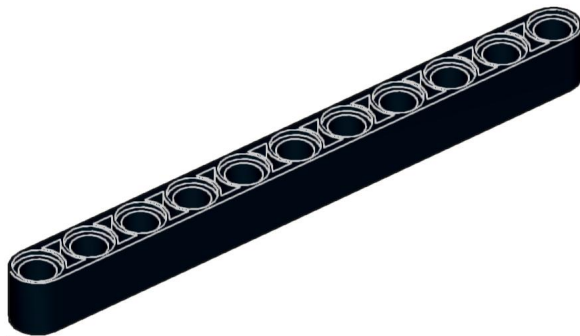
5x
15458
Black



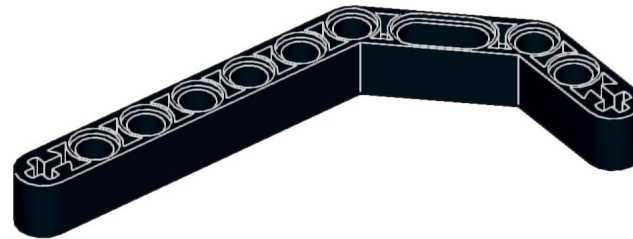
2x
73507
Black



5x
bb0601
Black Cable 25cm



7x
32525
Black



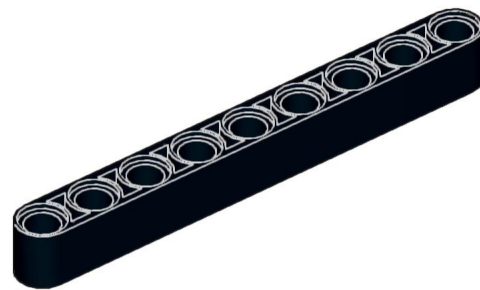
4x
32009
Black



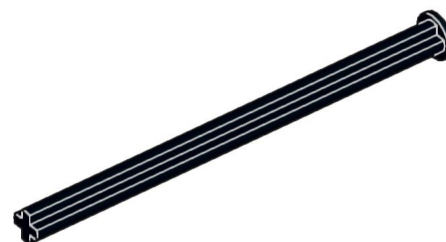
2x
55805
Black Cable 35cm



2x
39367pb02
Black



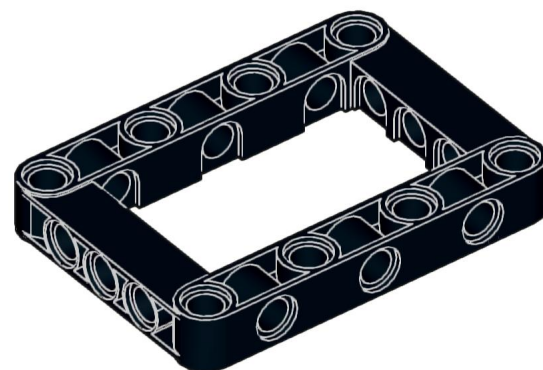
5x
40490
Black



1x
55013
Black



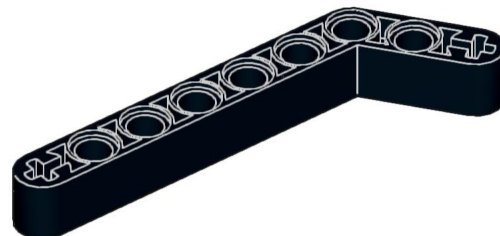
3x
4477
Black



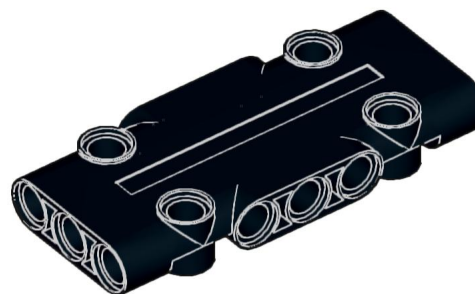
2x
64179
Black



8x
3460
Black



2x
32271
Black



1x
71709
Black



3x
32524
Black



4x
32140
Black



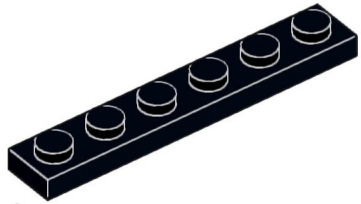
2x
42003
Black



2x
32184
Black



1x
41678
Black



6x
3666
Black



2x
3710
Black



25x
3623
Black



29x
6558
Black



1x
32291
Black



4x
32449
Black



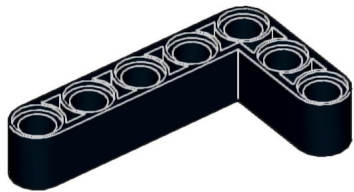
3x
32054
Black



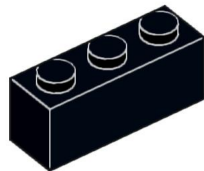
14x
32523
Black



2x
32270
Black



8x
32526
Black



4x
3622
Black



3x
32034
Black



1x
18651
Black



2x
62462
Black



2x
32316
Black



4x
6632
Black



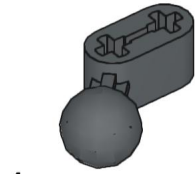
2x
6536
Black



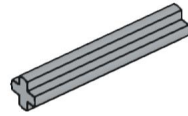
6x
43093
Black



4x
18654
Black



1x
50923
Dark Bluish Gray



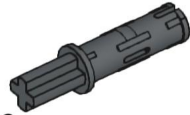
2x
4519
Light Bluish Gray



23x
3023
Black



30x
3024
Black



16x
11214
Dark Bluish Gray



16x
4274
Light Bluish Gray



141x
2780
Black



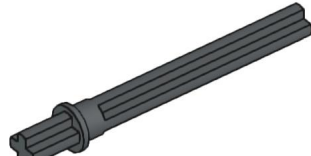
1x
3070
Black



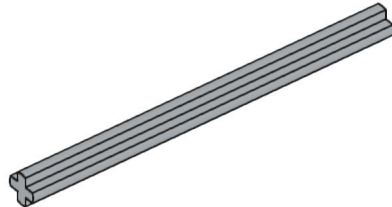
5x
4265c
Light Bluish Gray



2x
32062
Black



2x
32209
Dark Bluish Gray



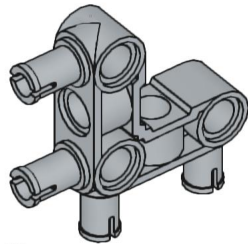
1x
44294
Light Bluish Gray



3x
3005
Black



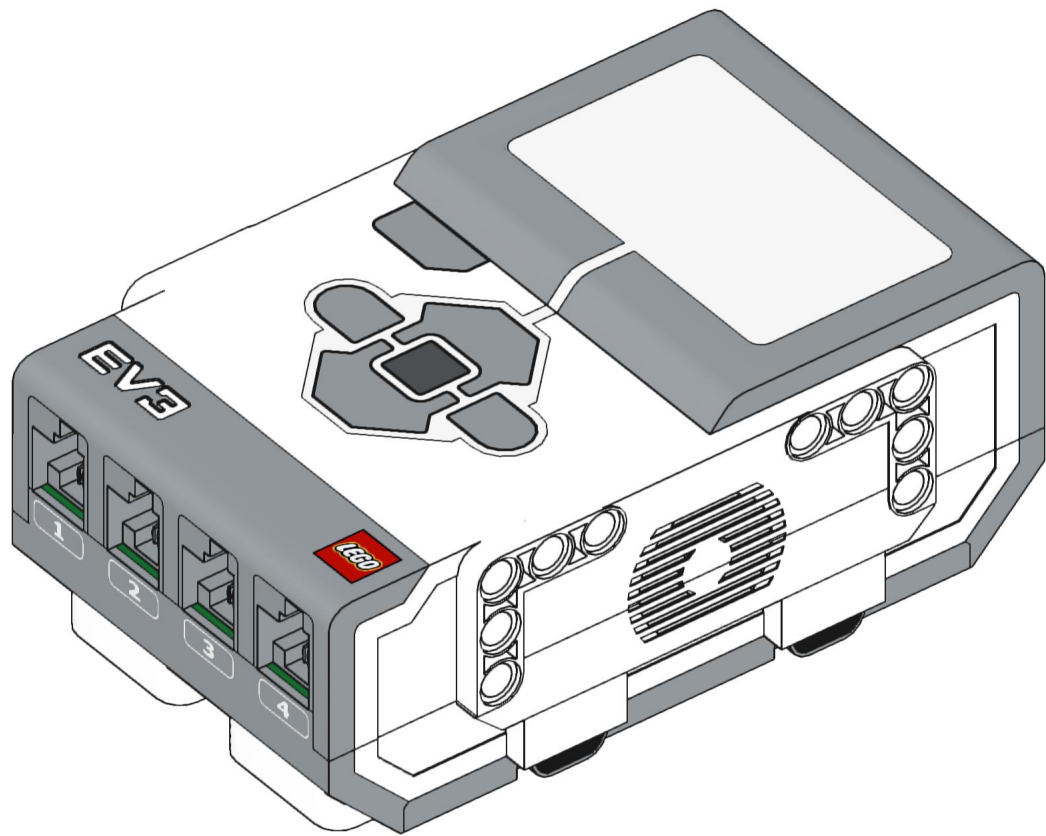
1x
92911
Dark Bluish Gray



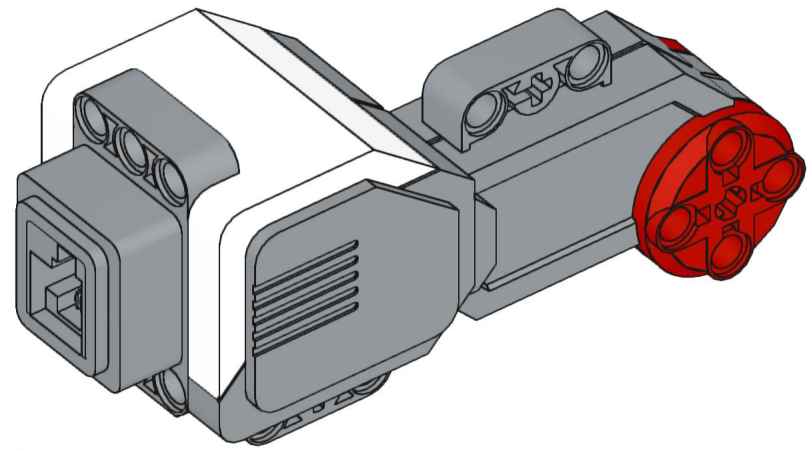
2x
55615
Light Bluish Gray



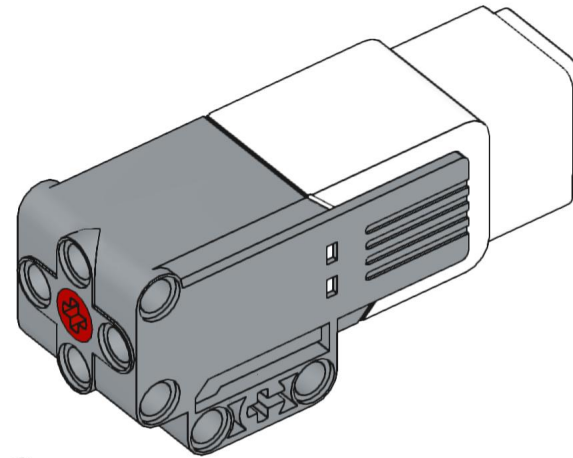
13x
6541
Black



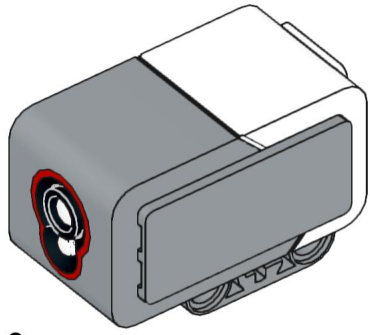
1x
95646c01
White



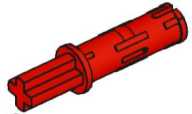
2x
95658
White



2x
99455
White



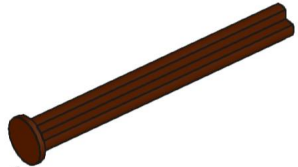
3x
95650
White



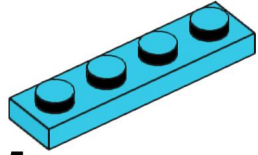
2x
11214
Red



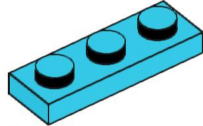
2x
32062
Red



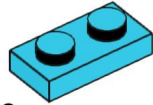
1x
15462
Reddish Brown



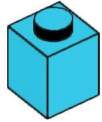
5x
3710
Medium Azure



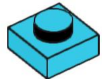
15x
3623
Medium Azure



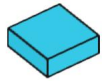
19x
3023
Medium Azure



8x
3005
Medium Azure



46x
3024
Medium Azure



3x
3070
Medium Azure



16x
6558
Blue



8x
43093
Blue



1x
99948
Metallic Silver