

Lego EV3 Mechanical Frog





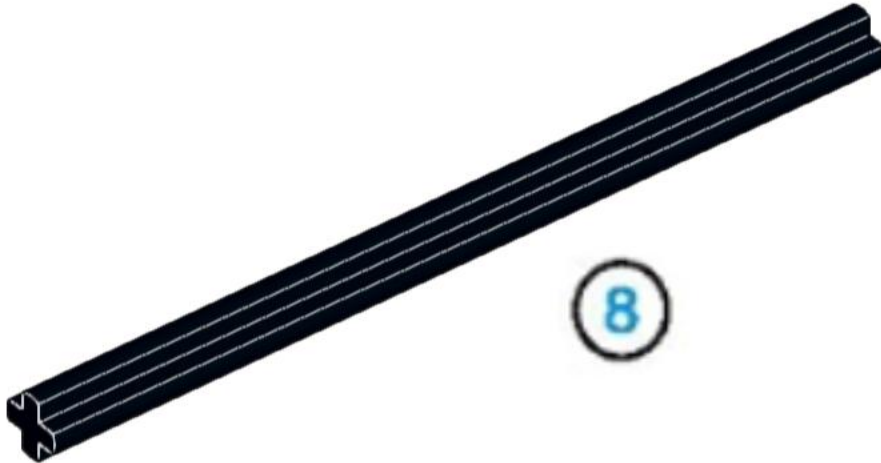
34x
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4x
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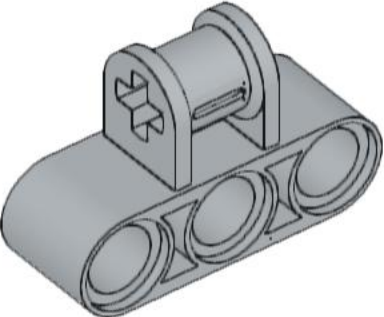
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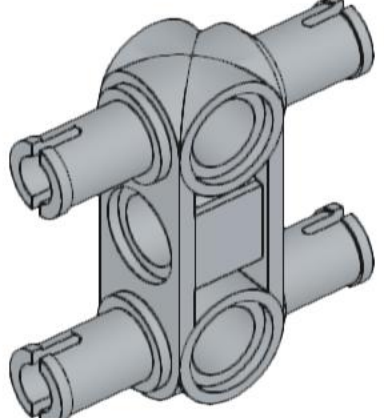
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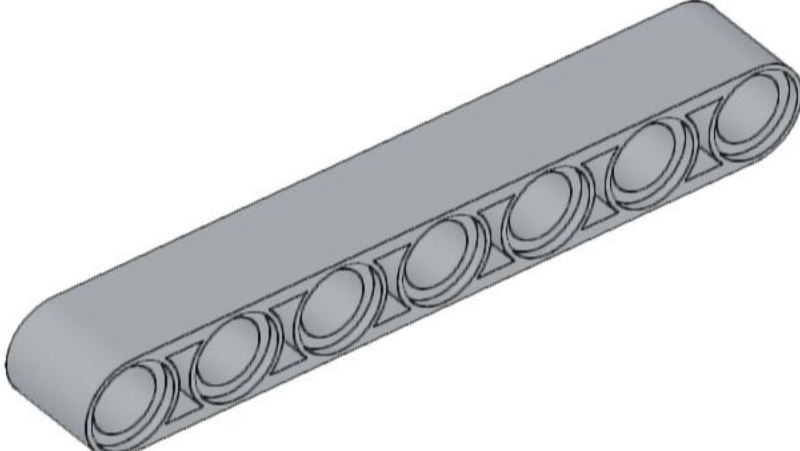
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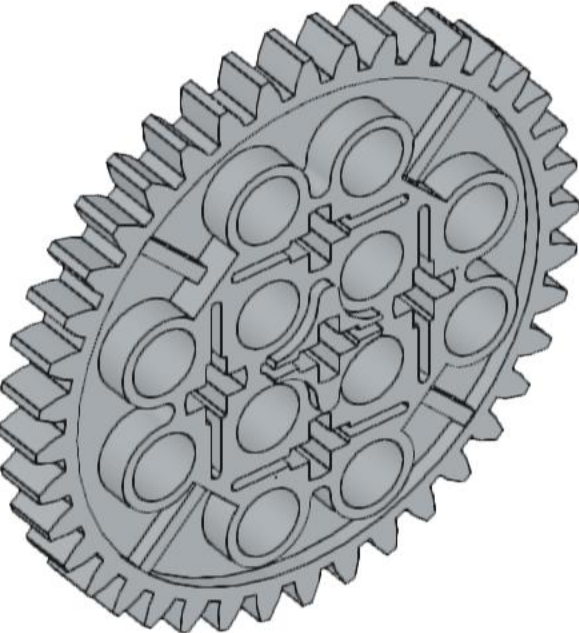
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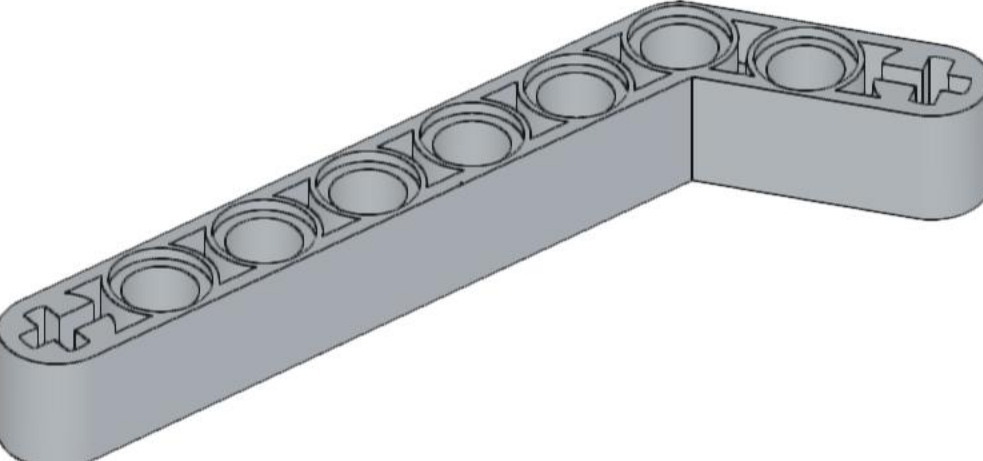
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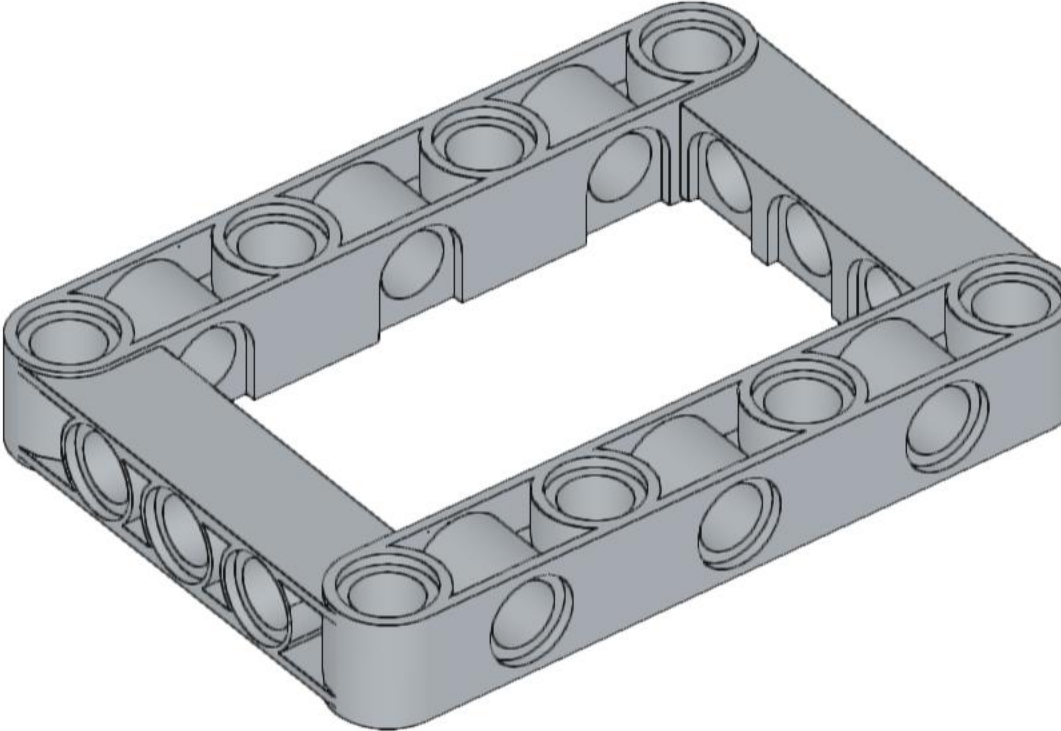
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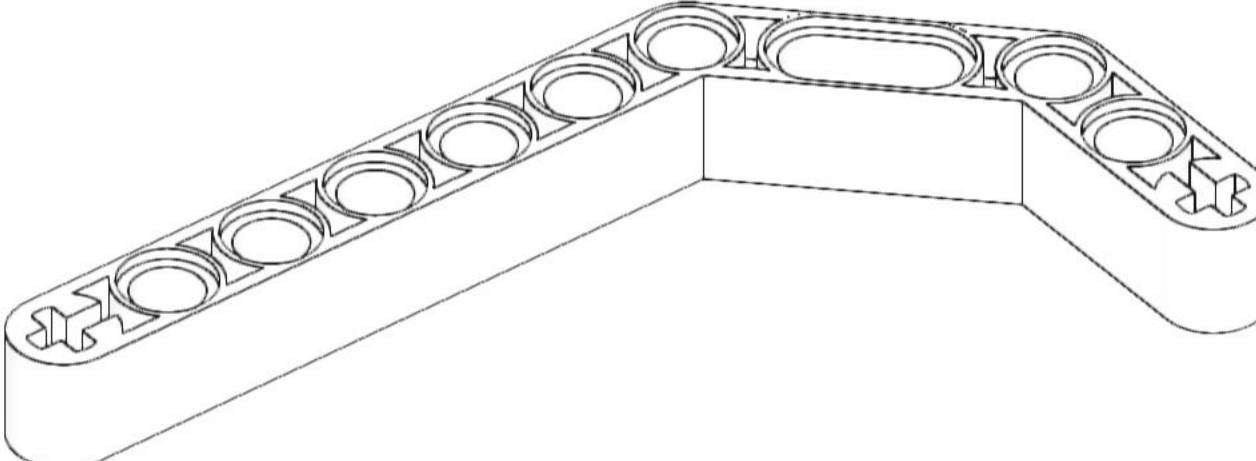
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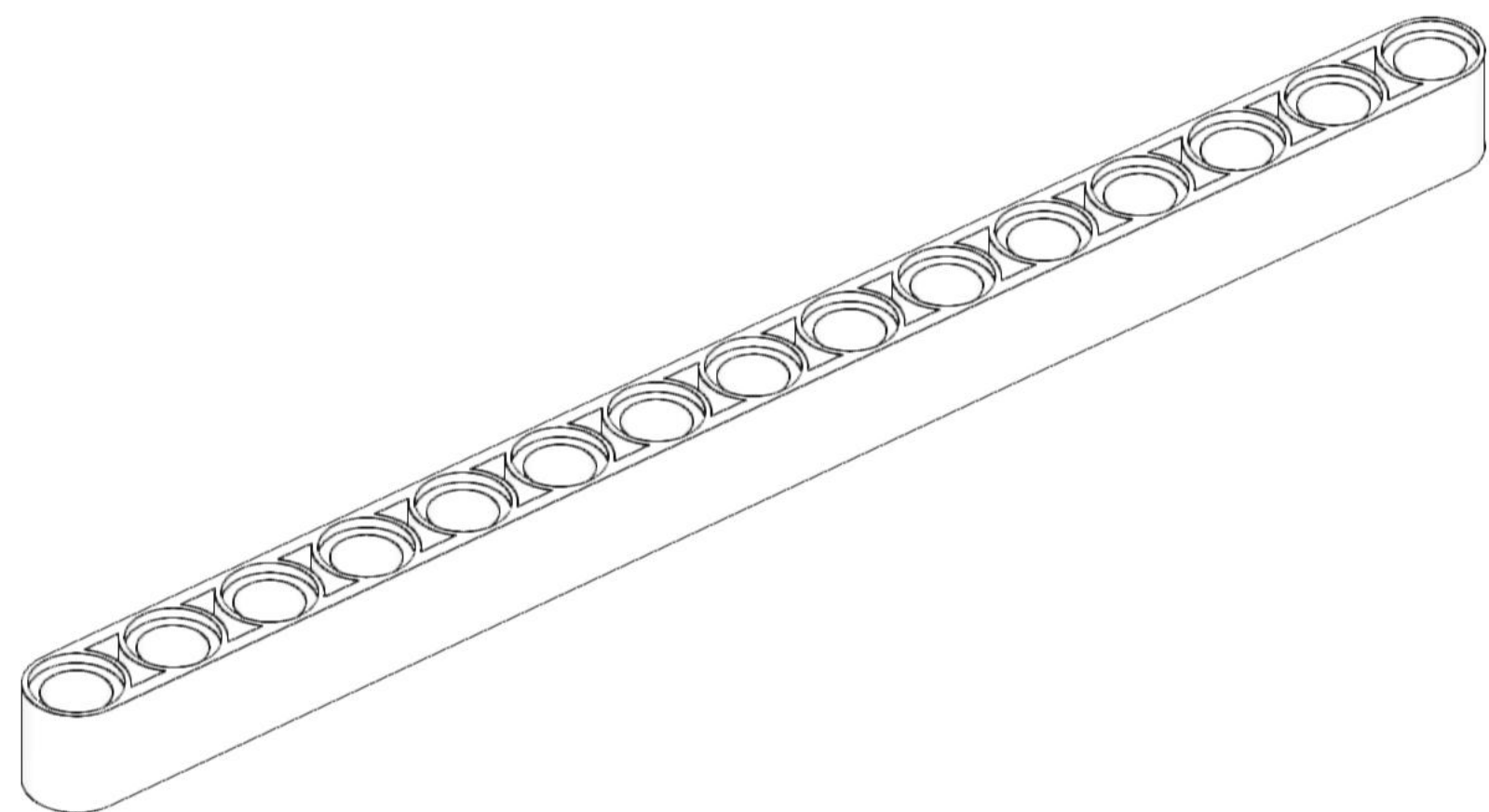
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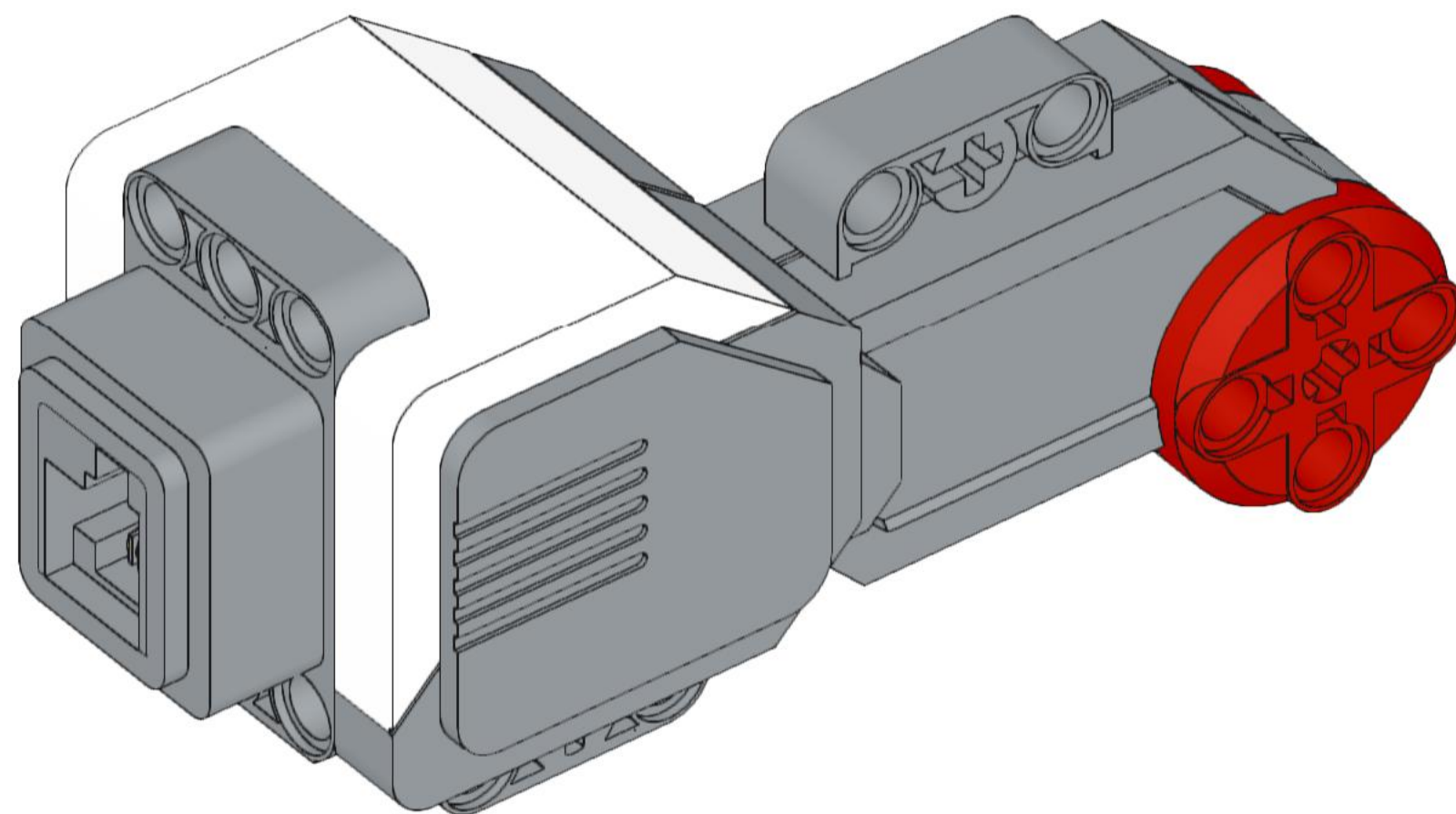
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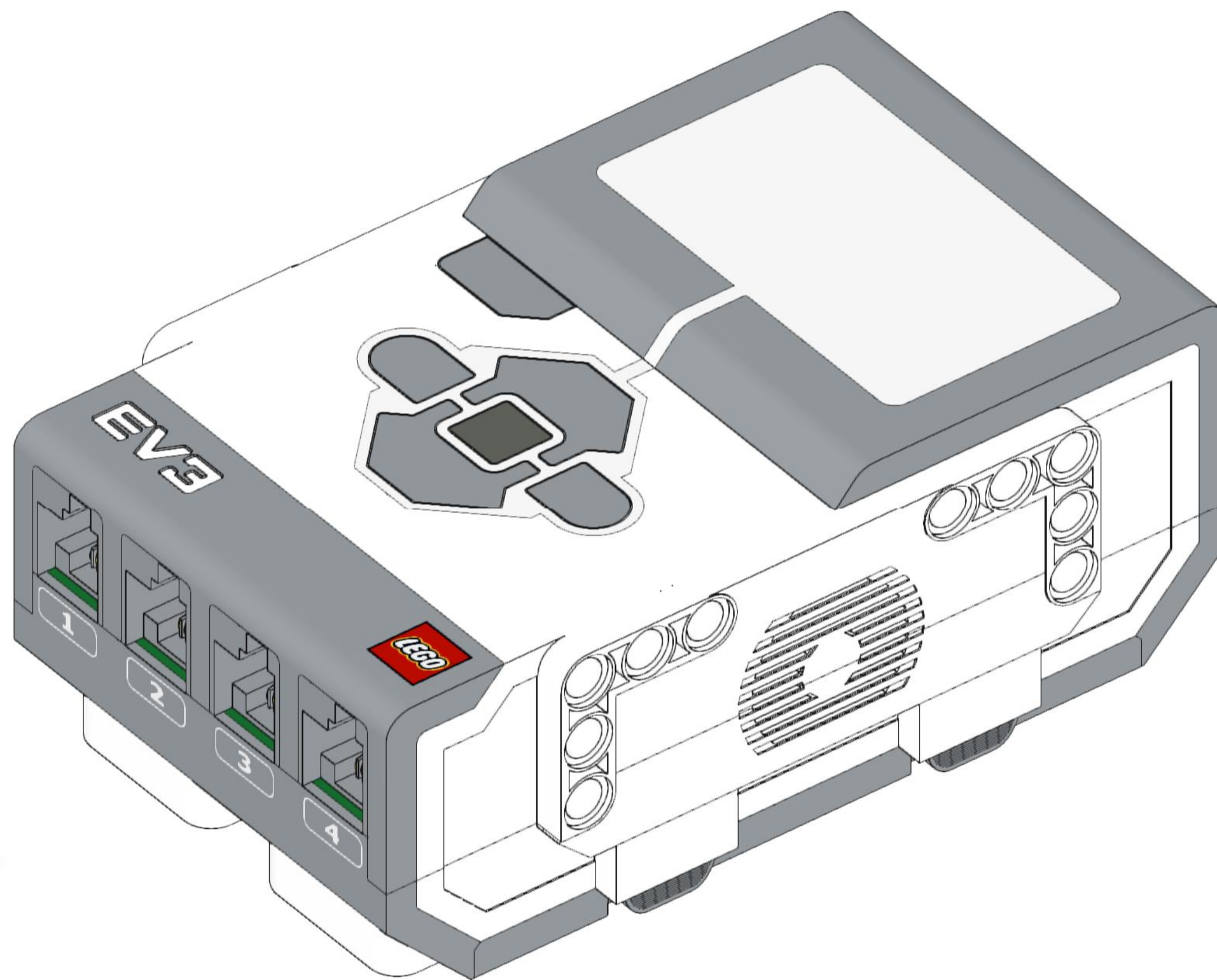
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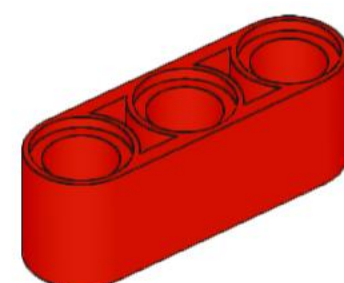
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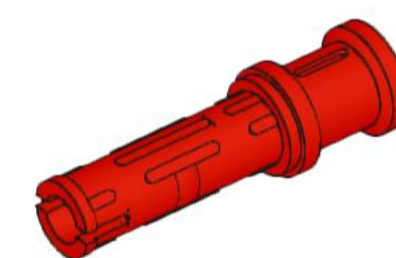
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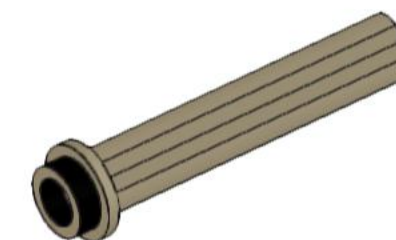
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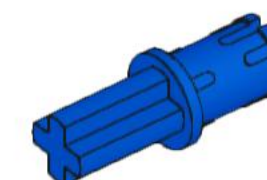
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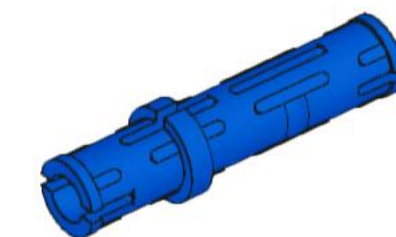
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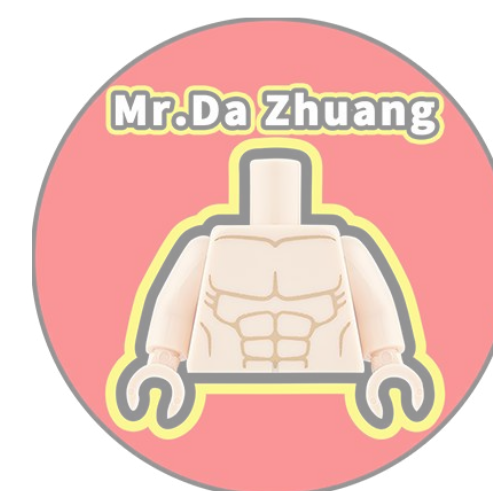
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18x
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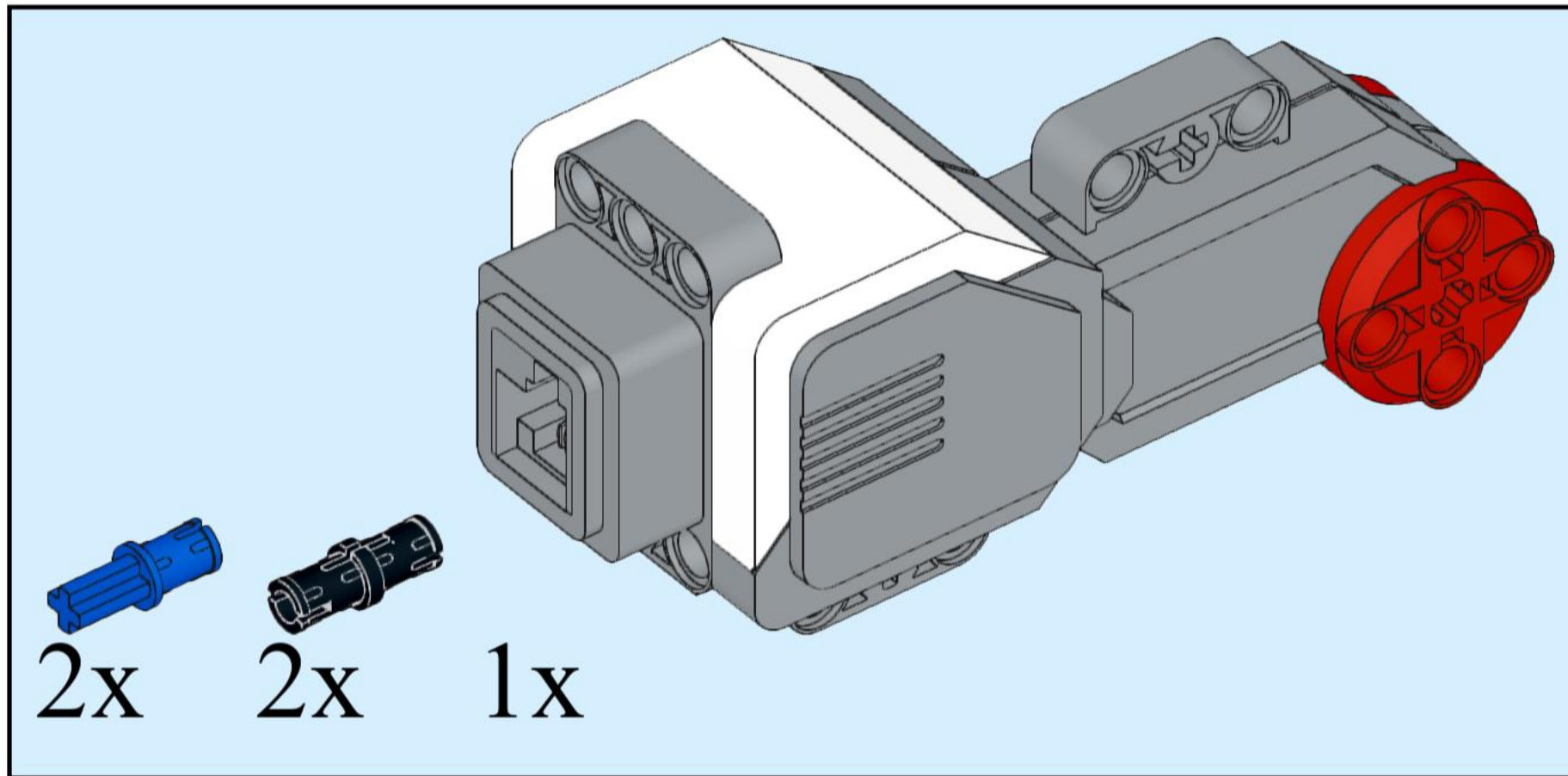


12x
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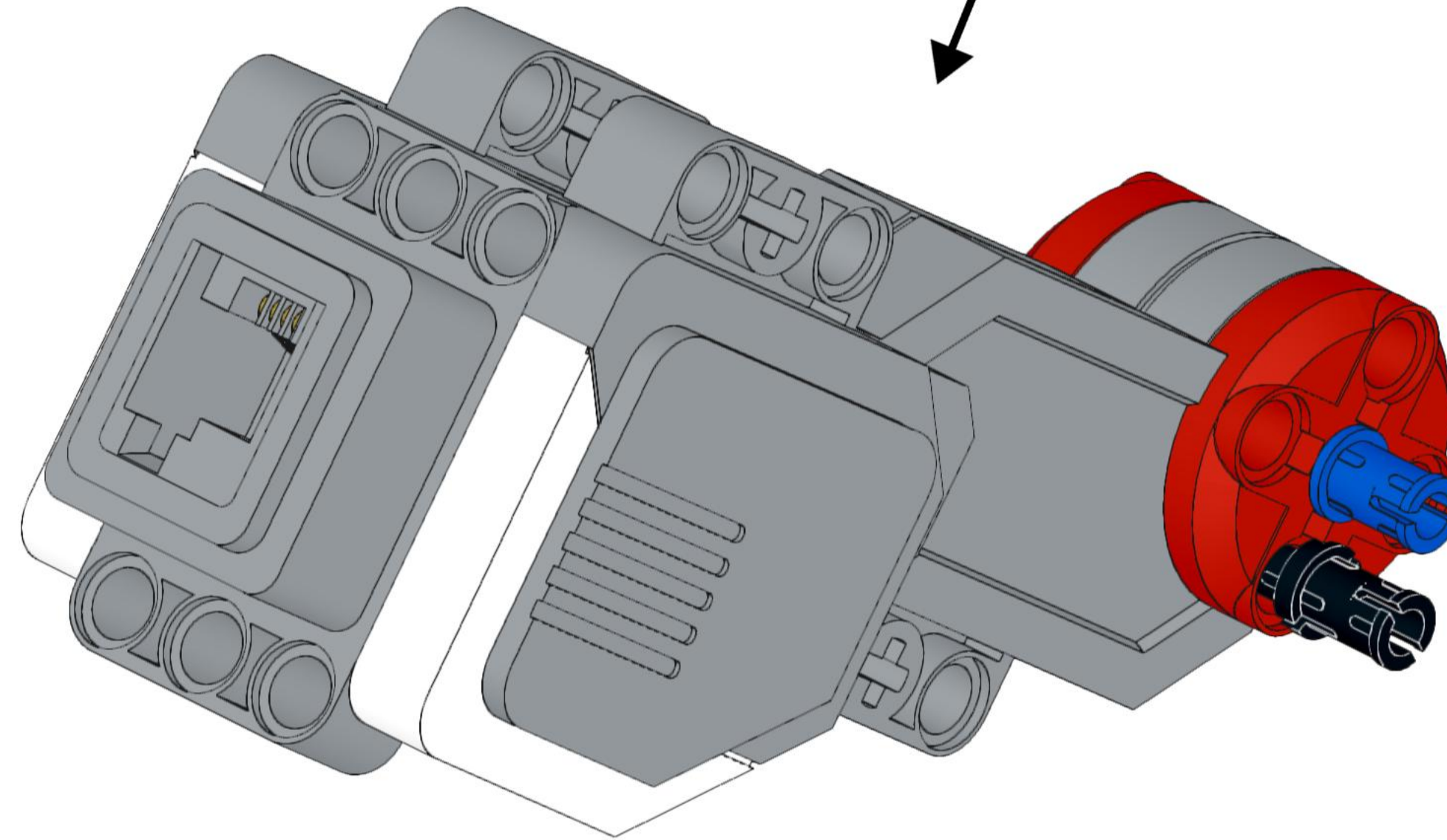


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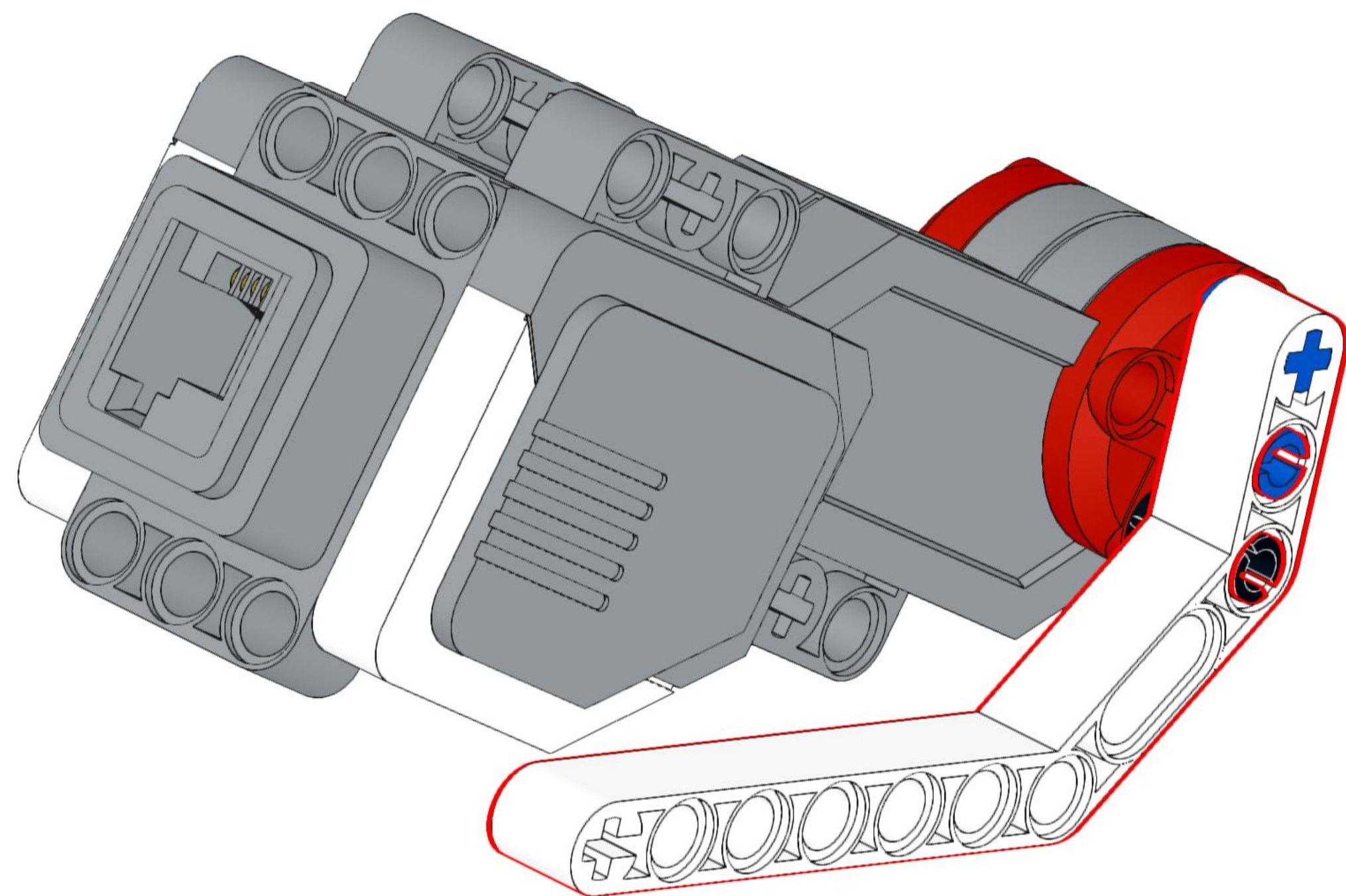
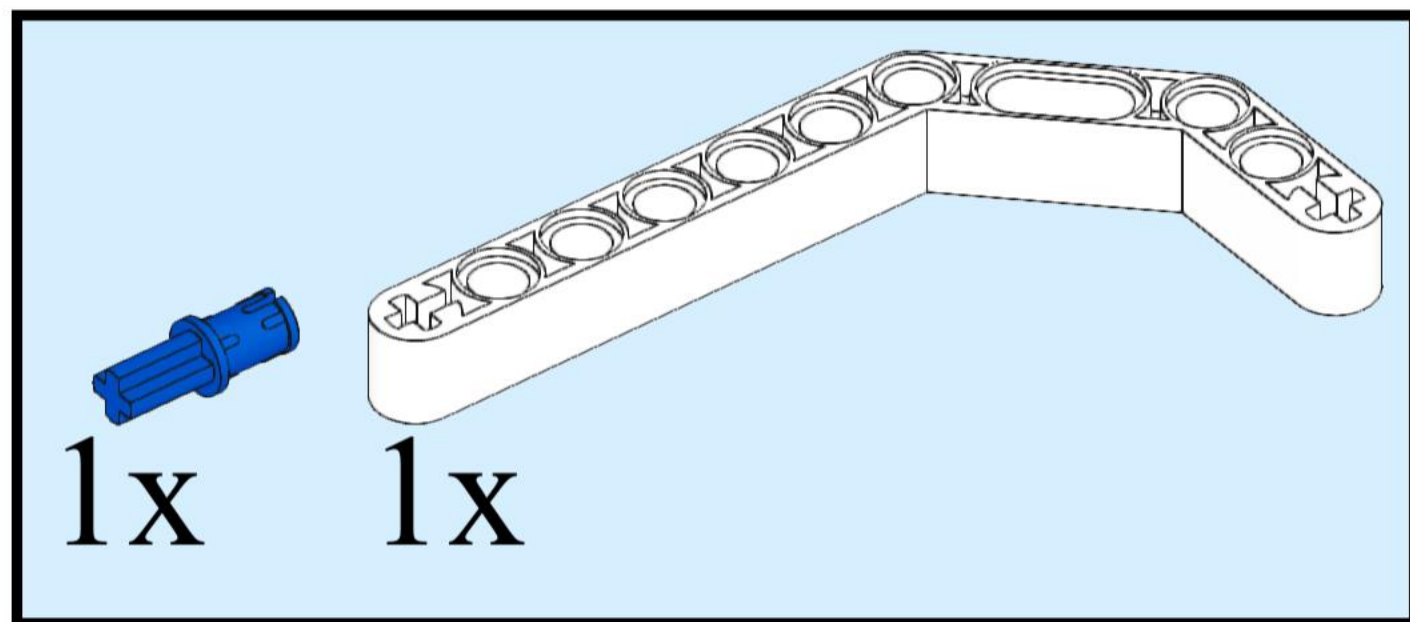
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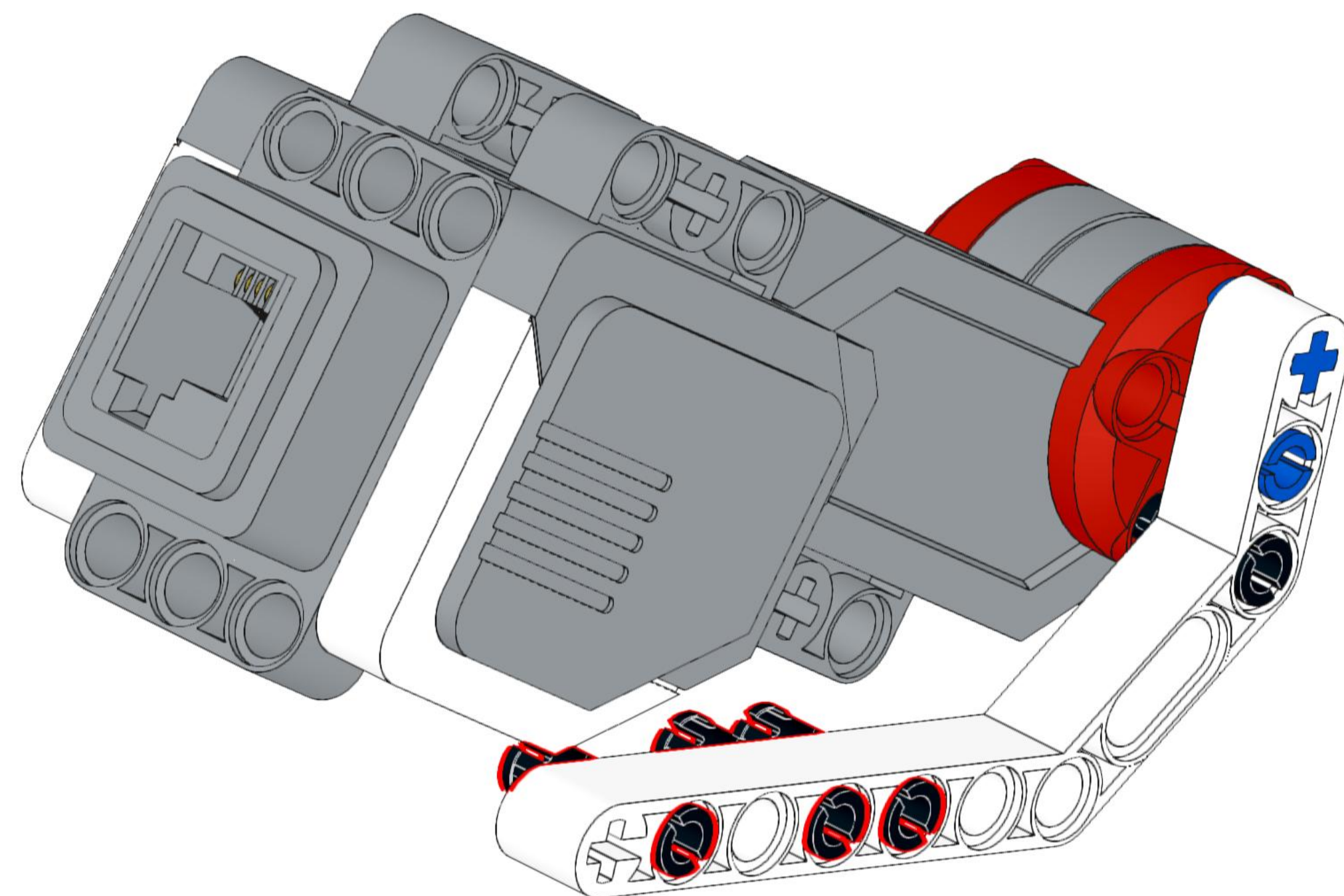
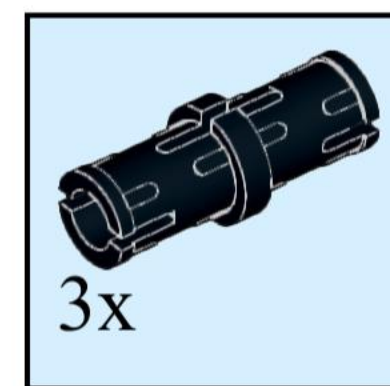
Same on the other side
另外一侧同样做法



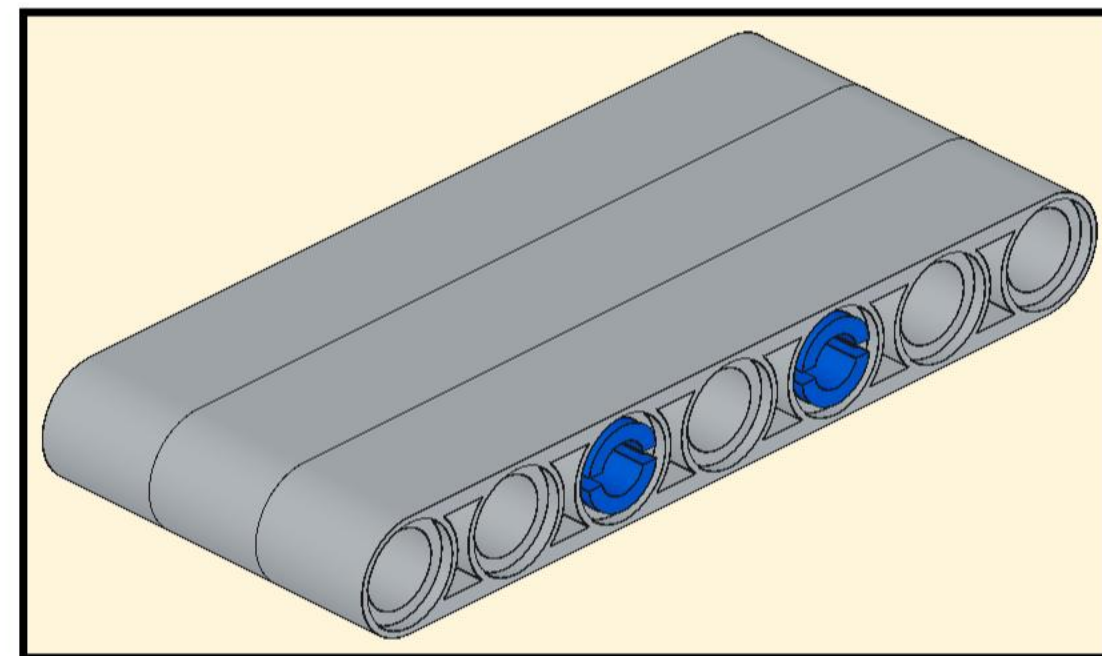
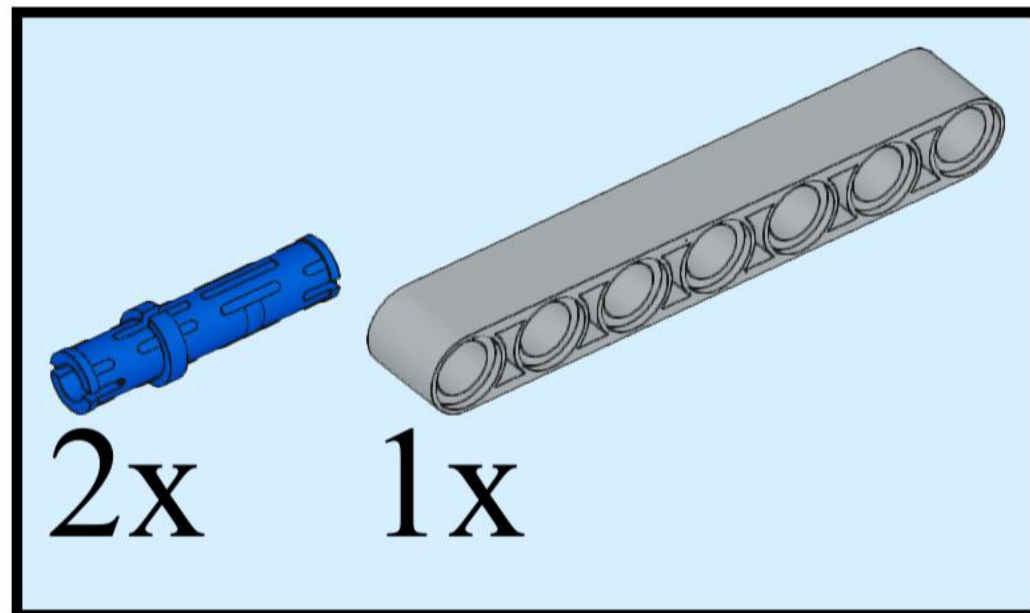
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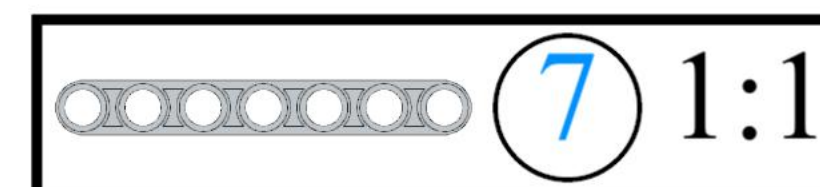
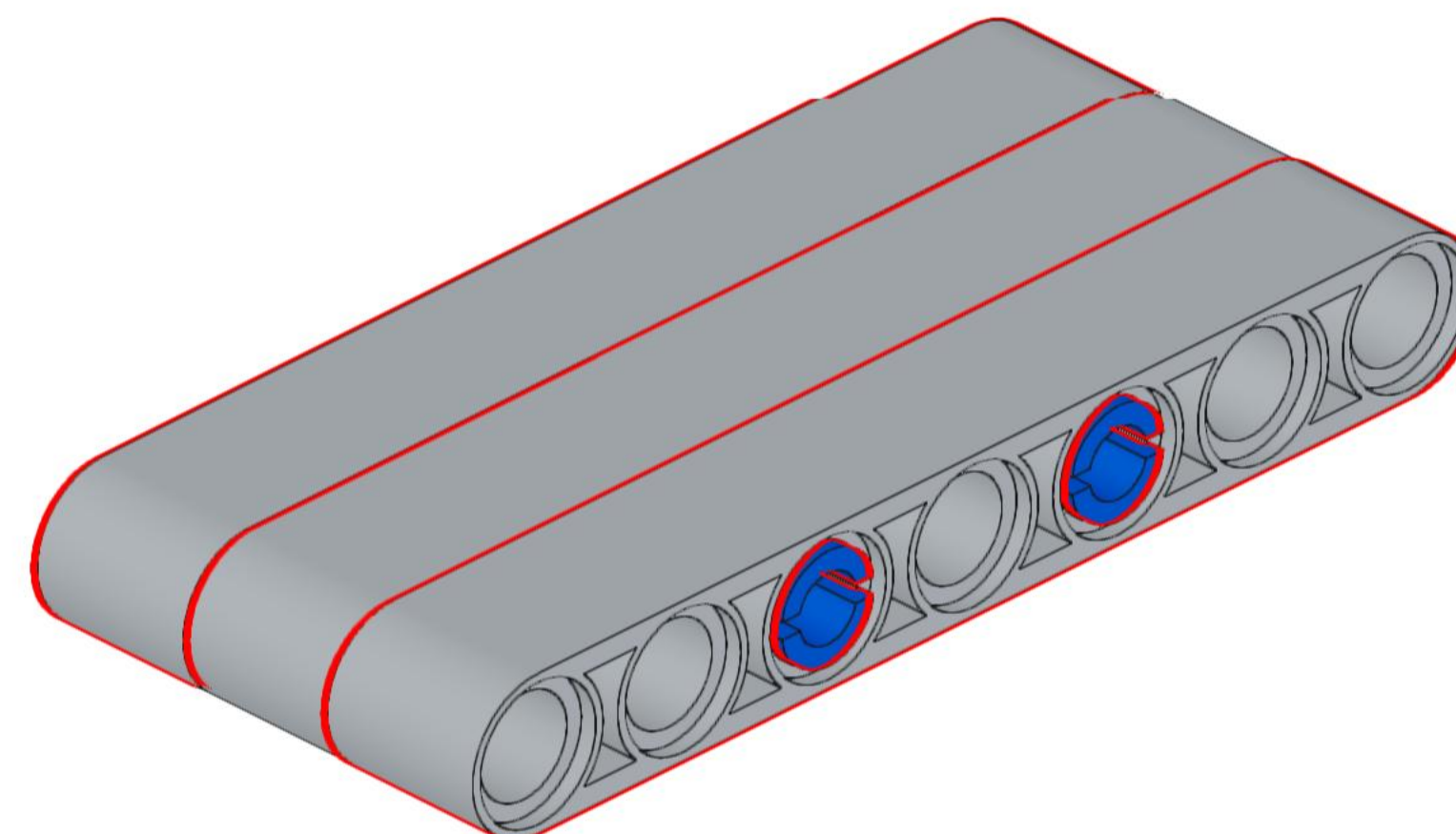
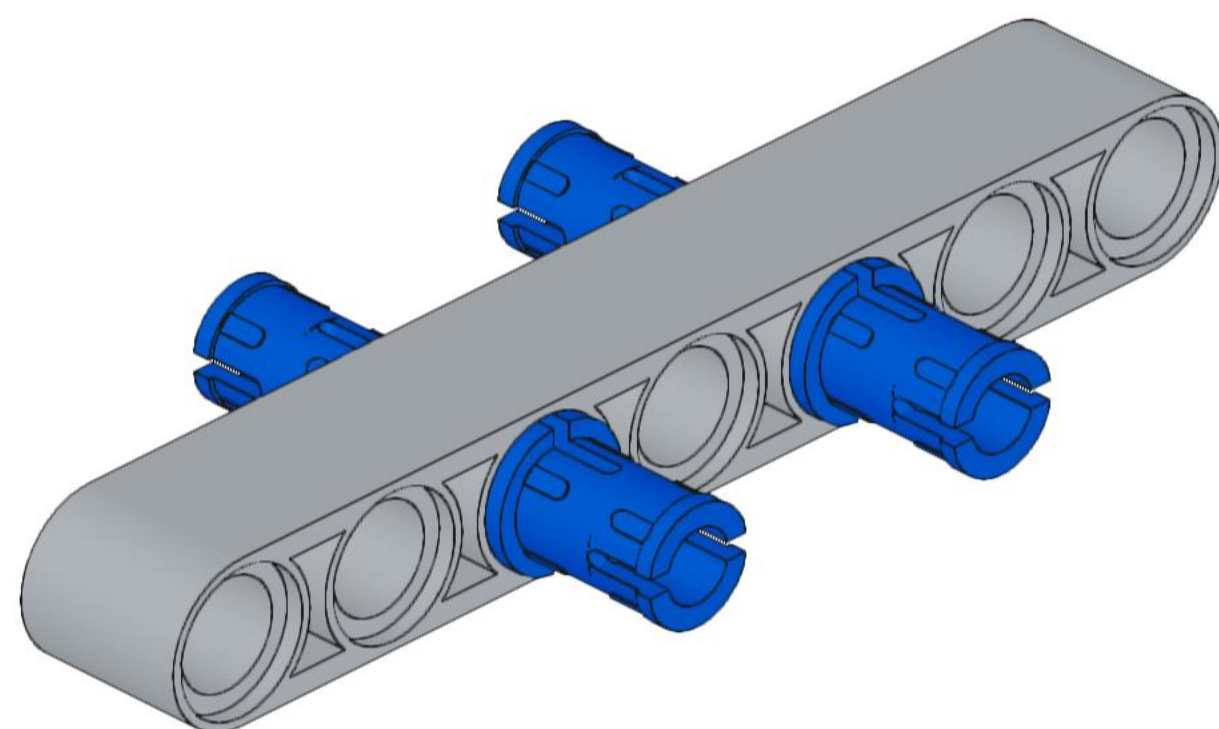
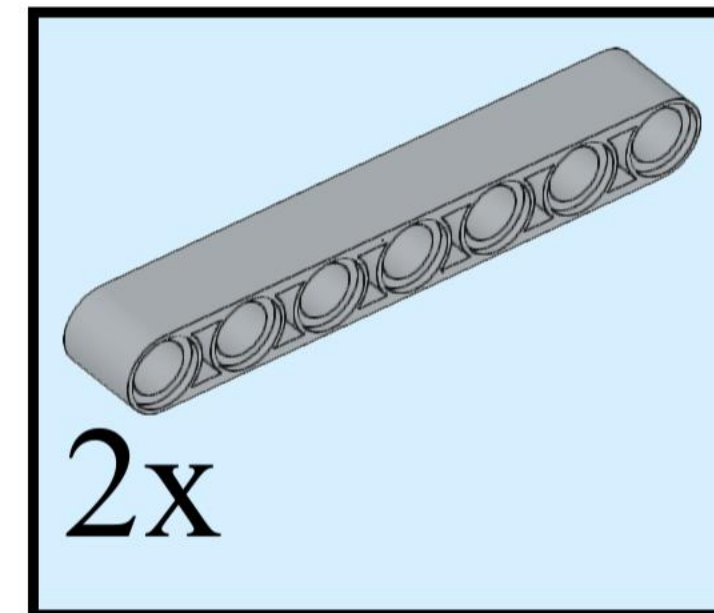
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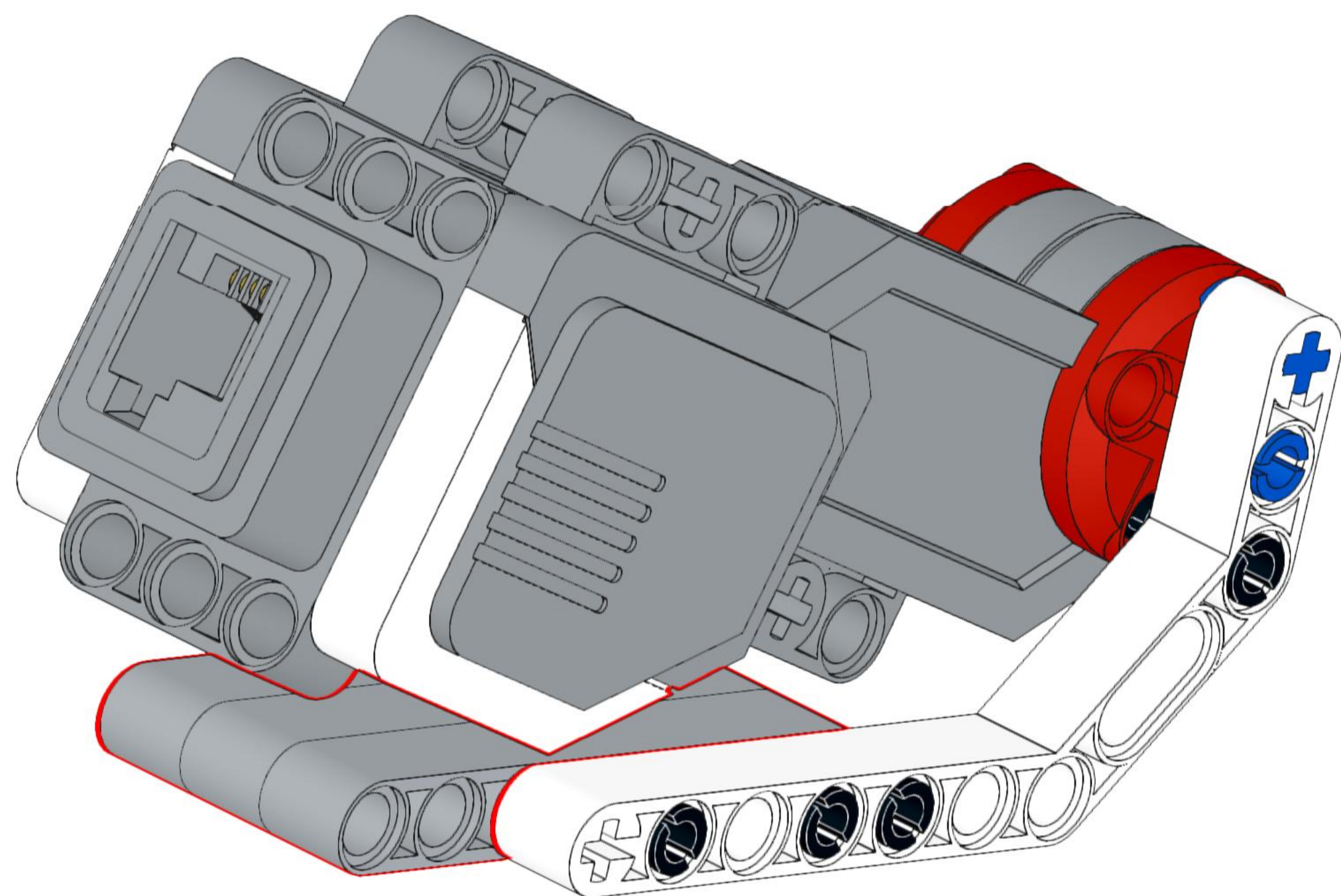
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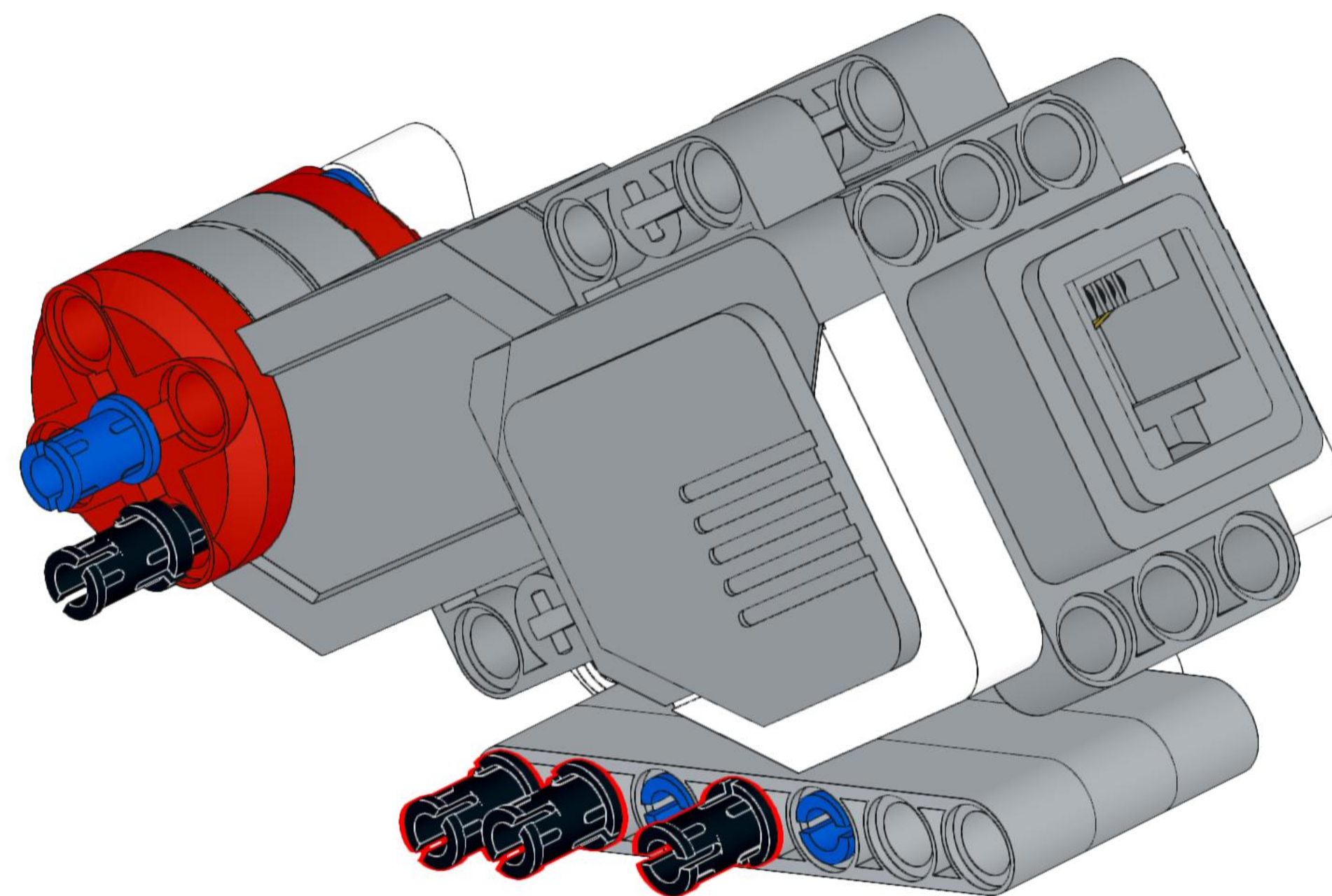
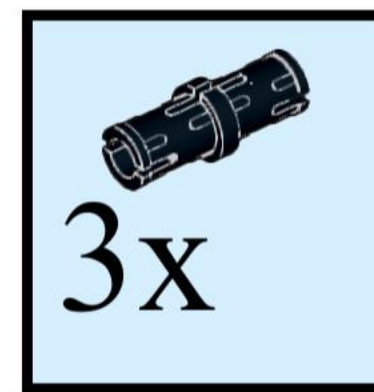
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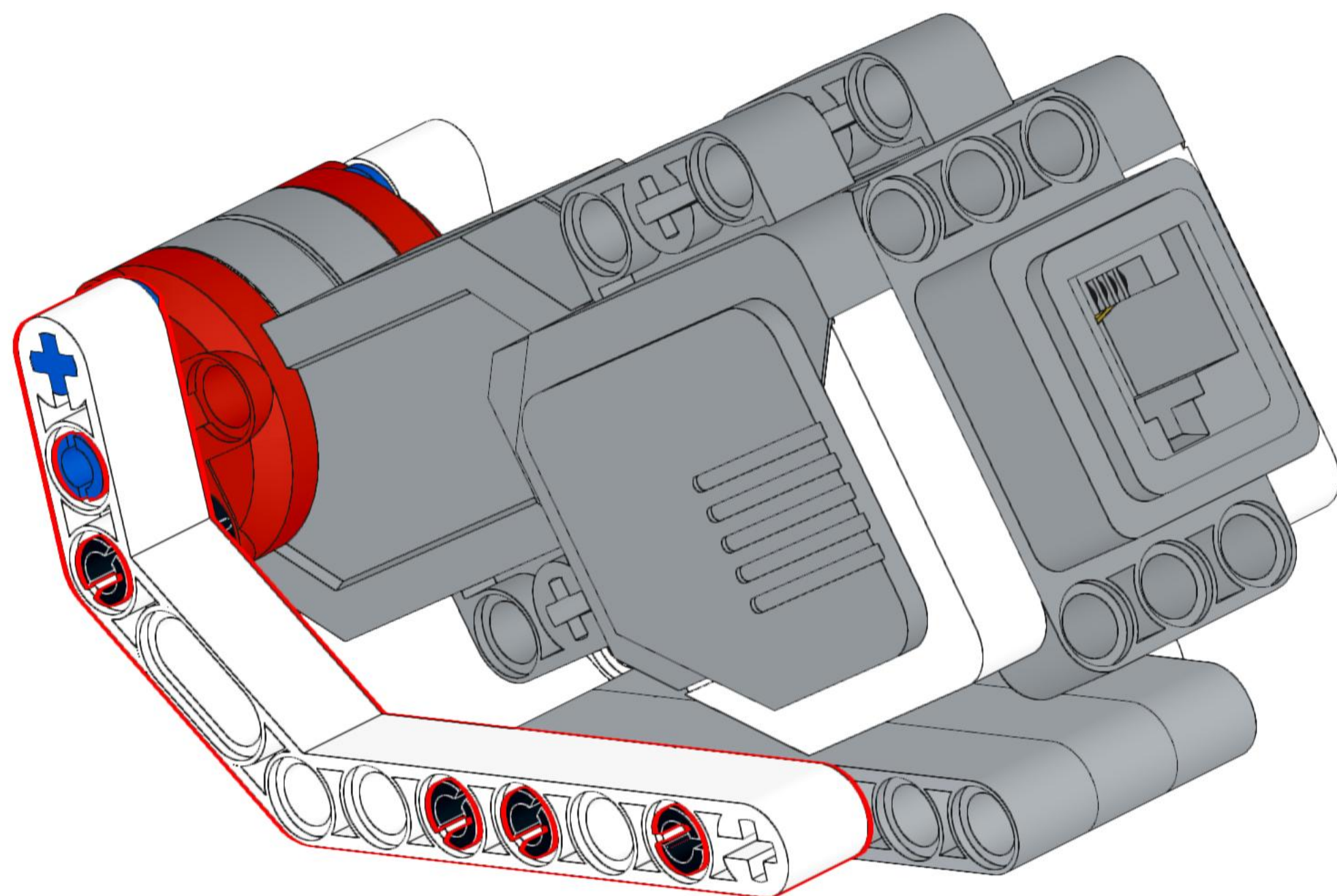
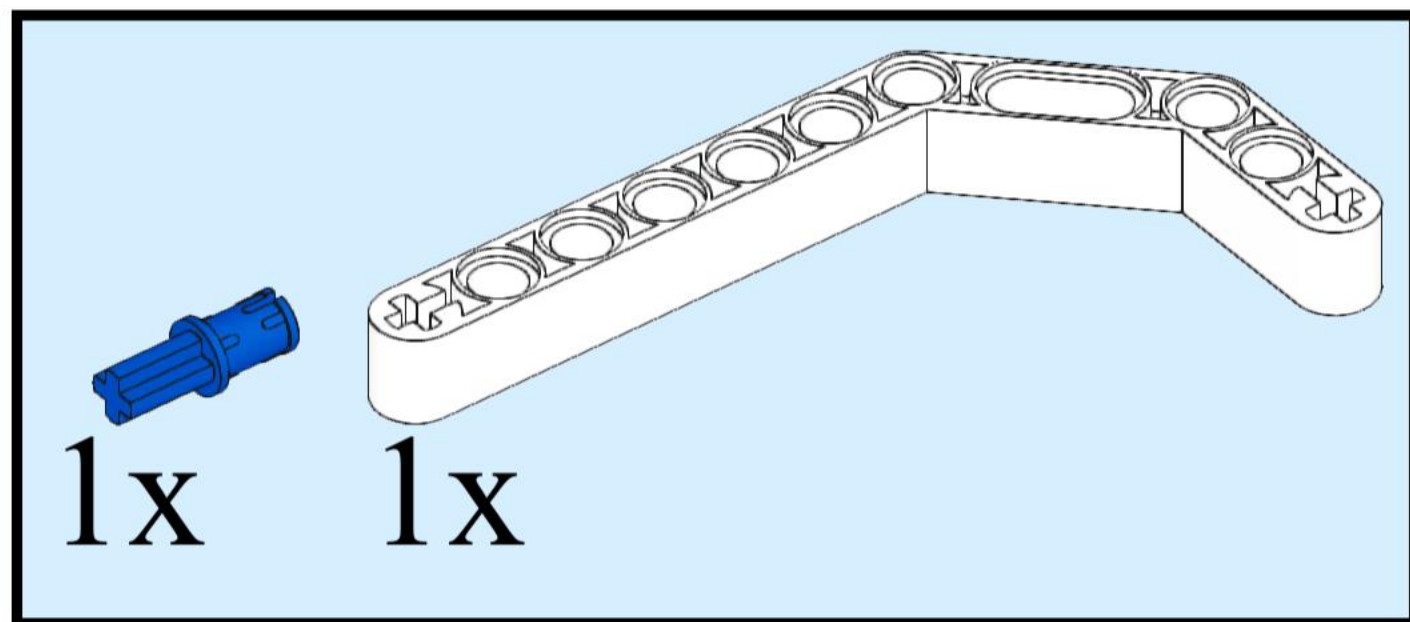
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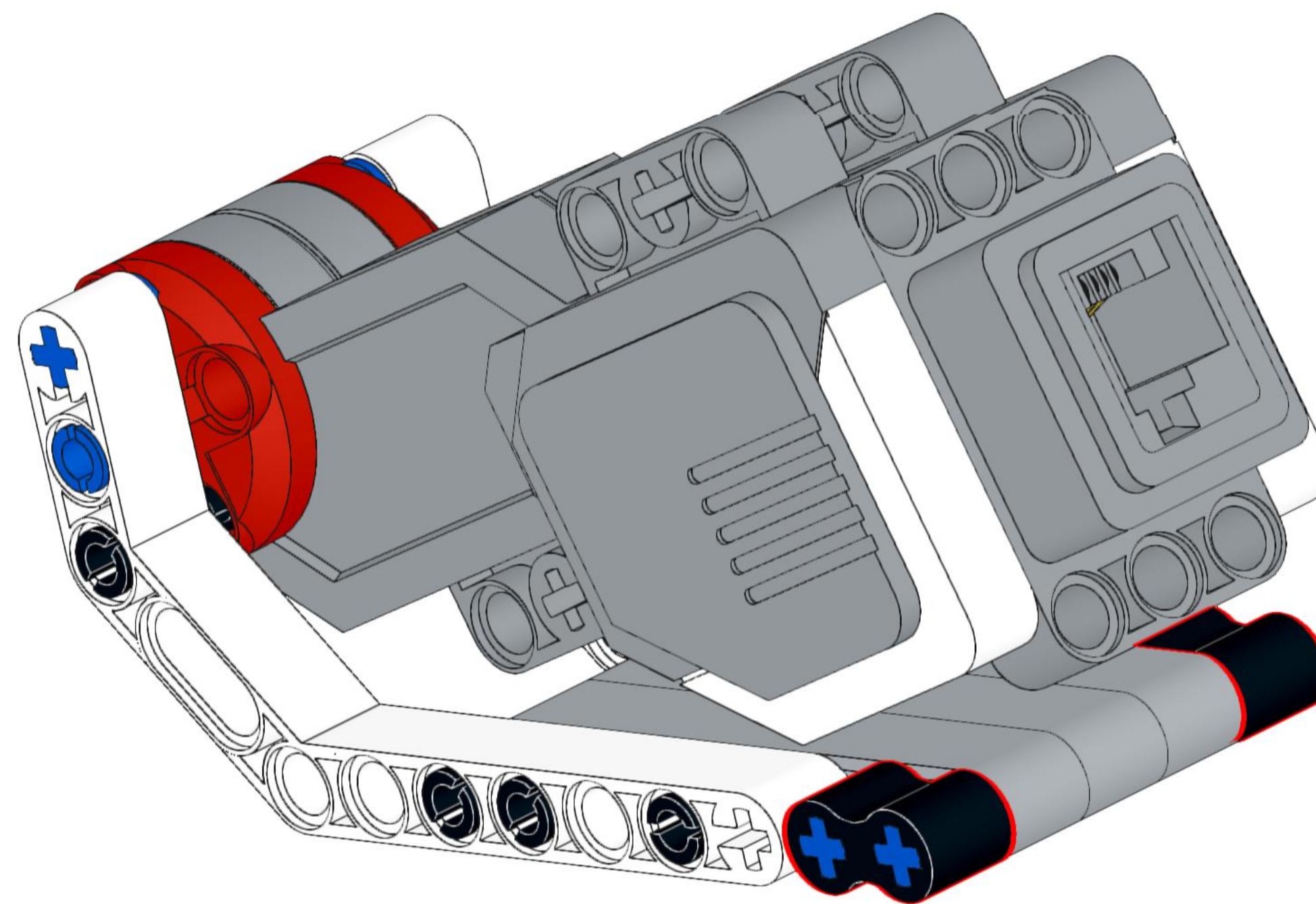
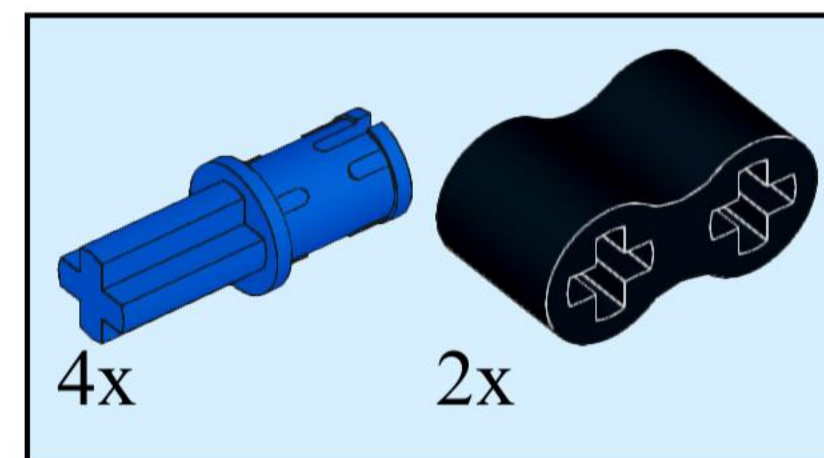
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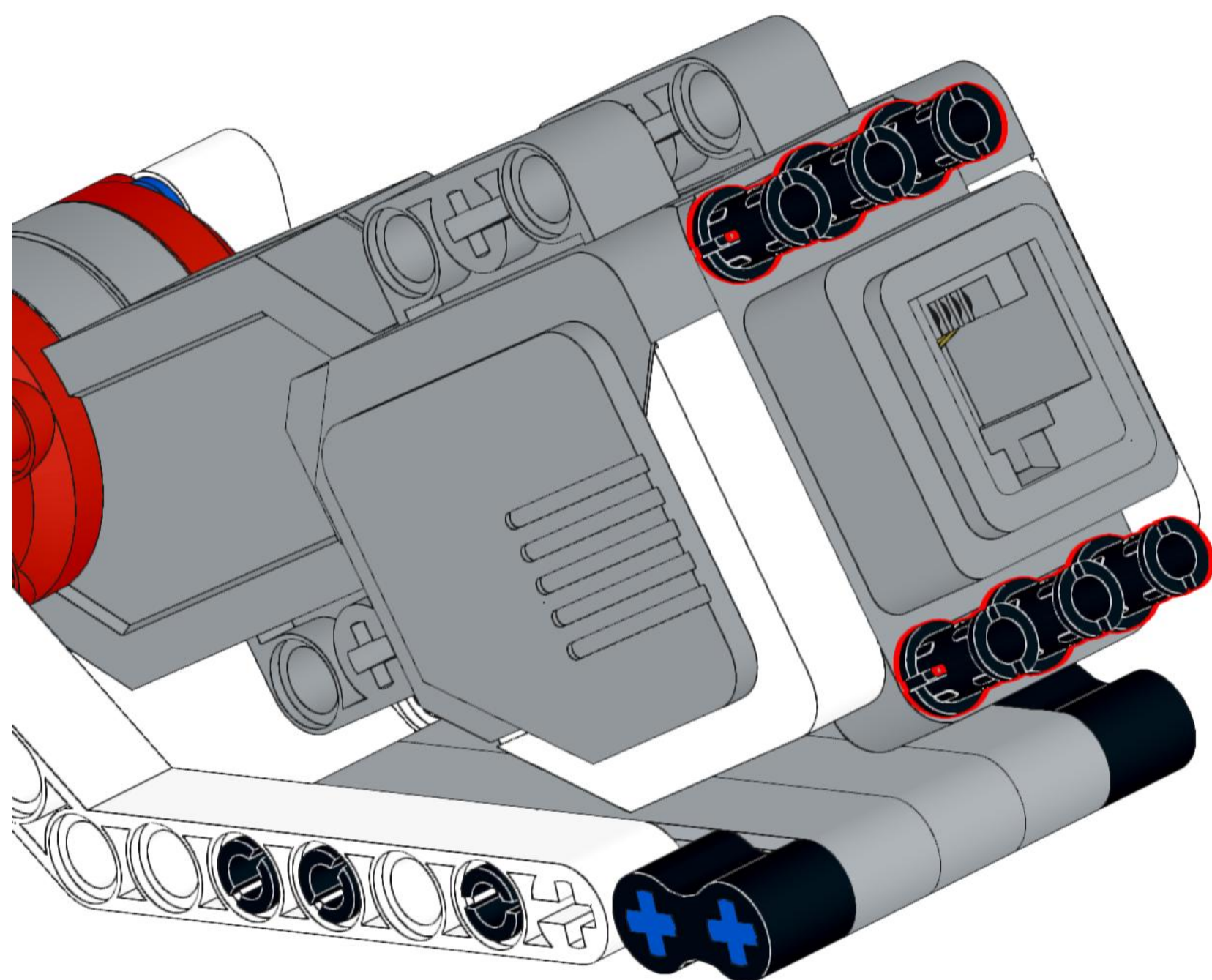


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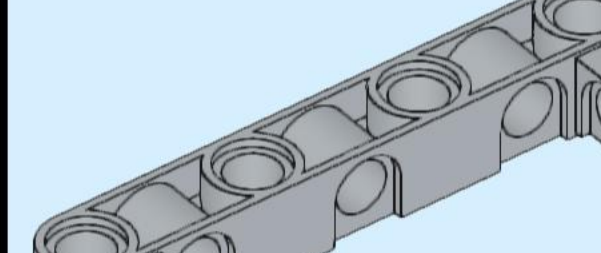


10  6x

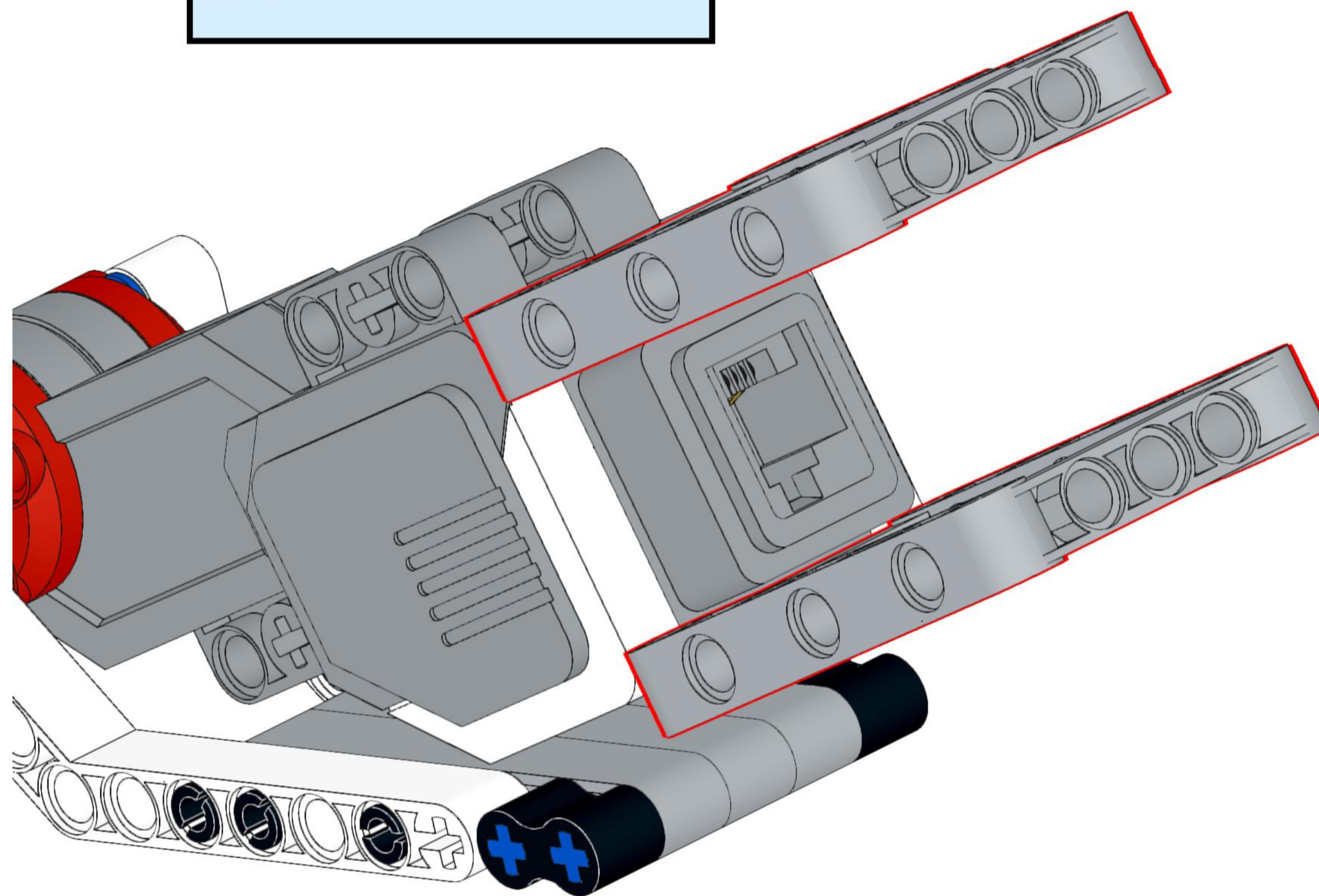
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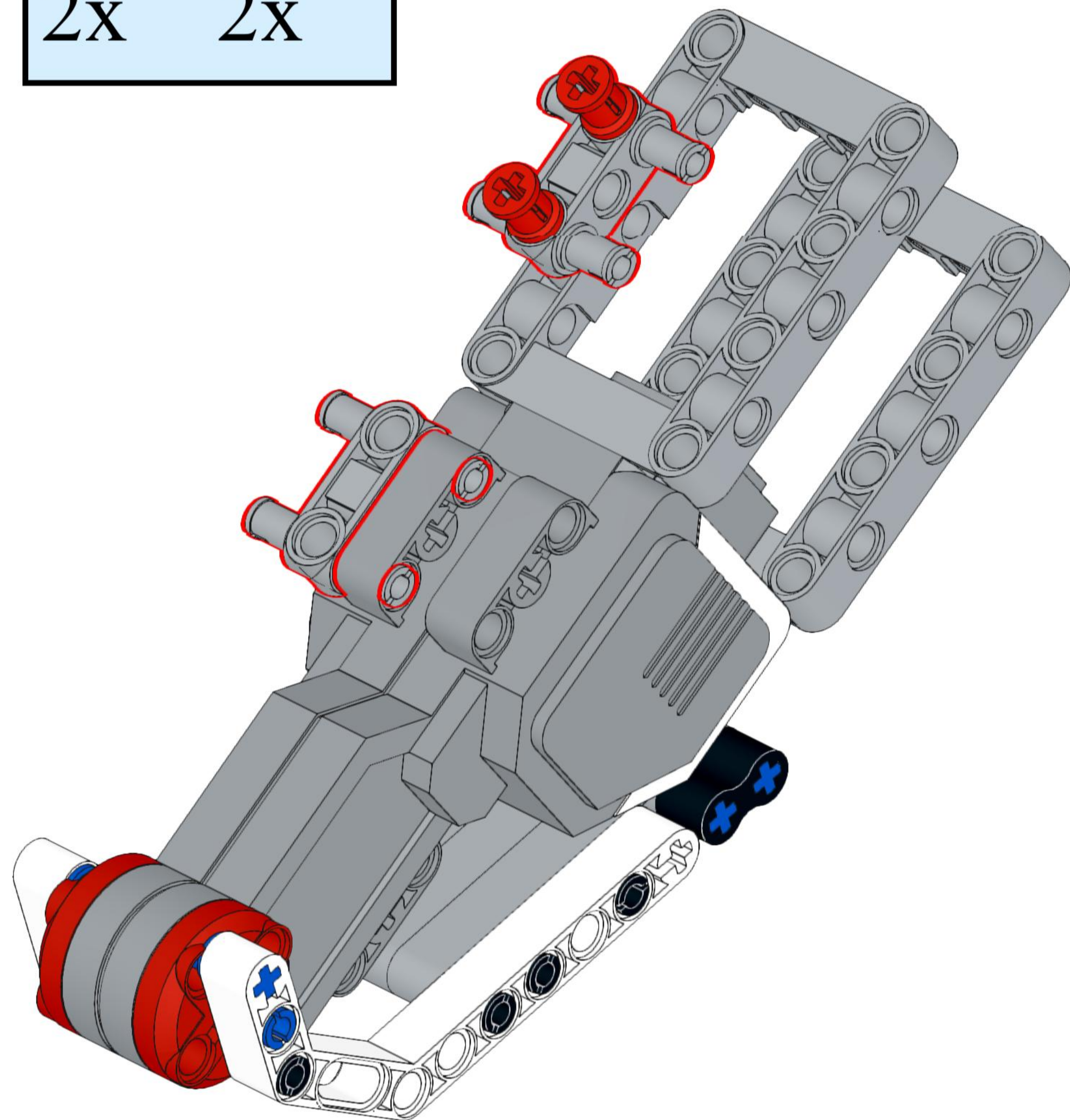
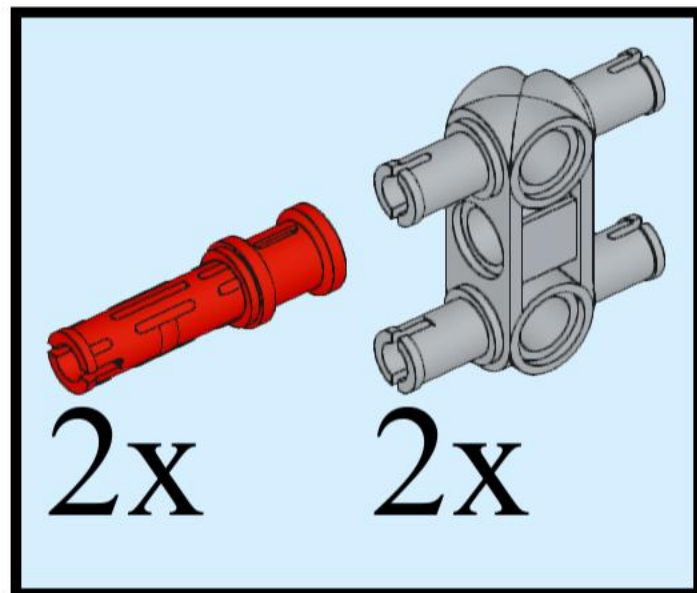
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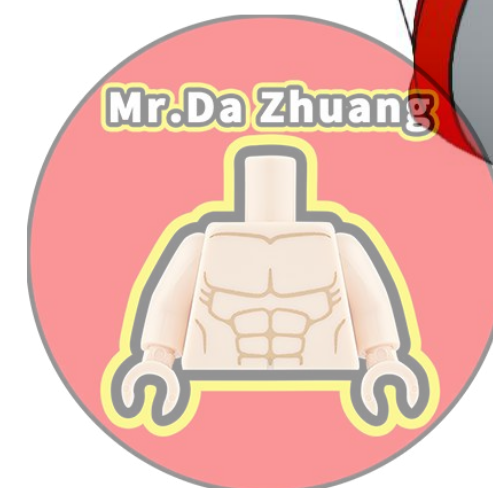
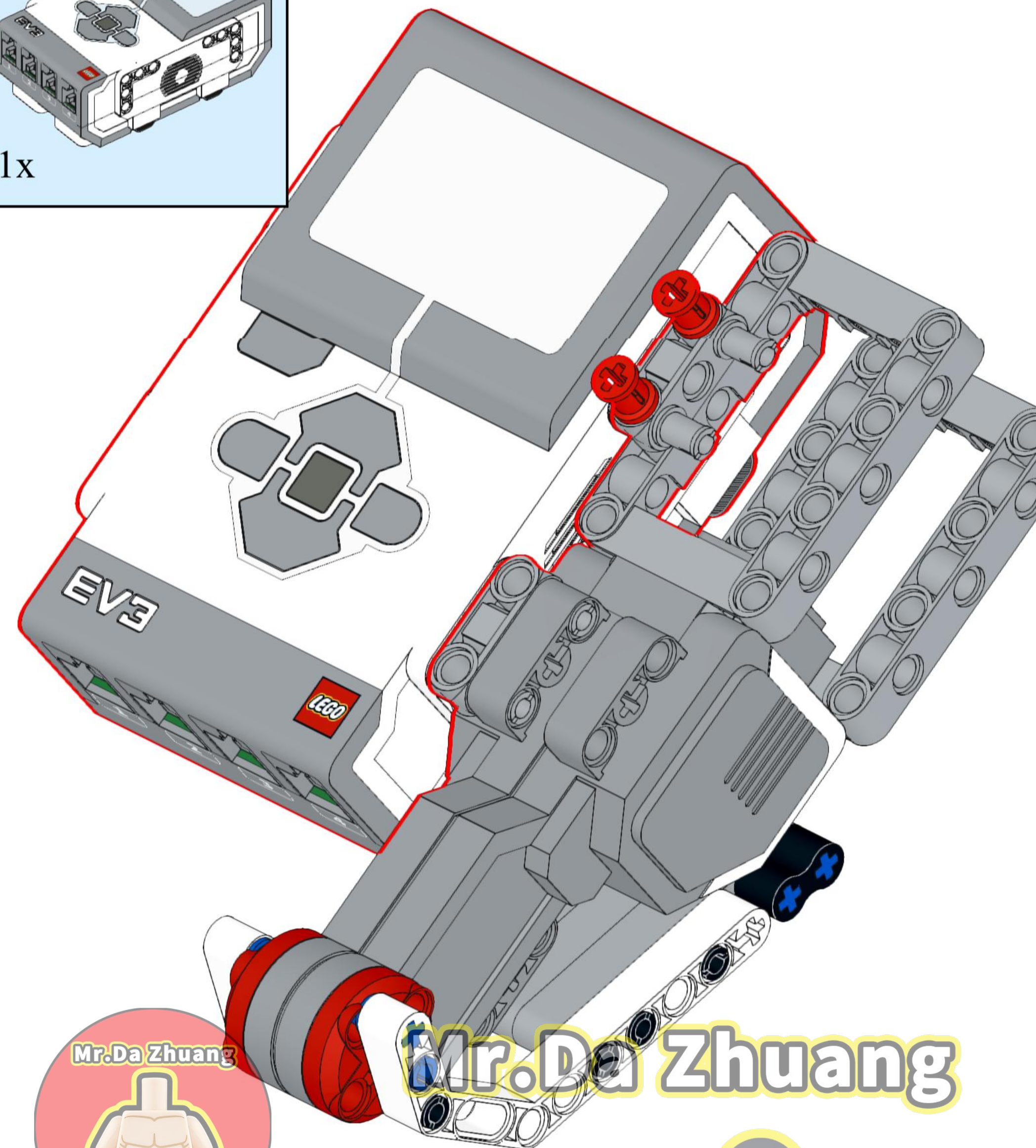
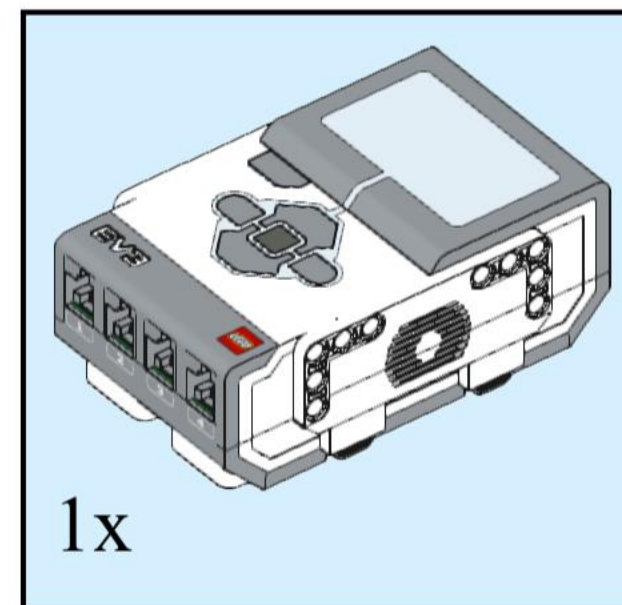
2x

 $2x$ 

12

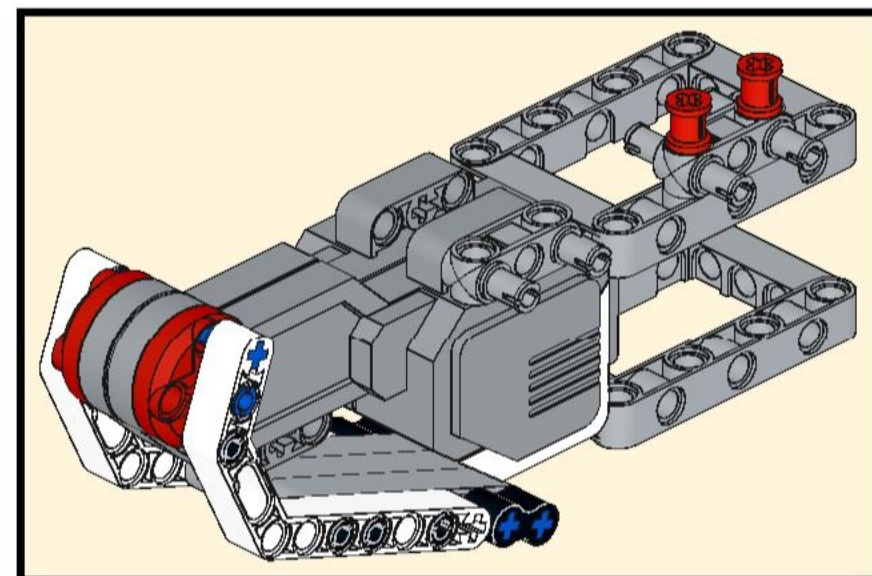
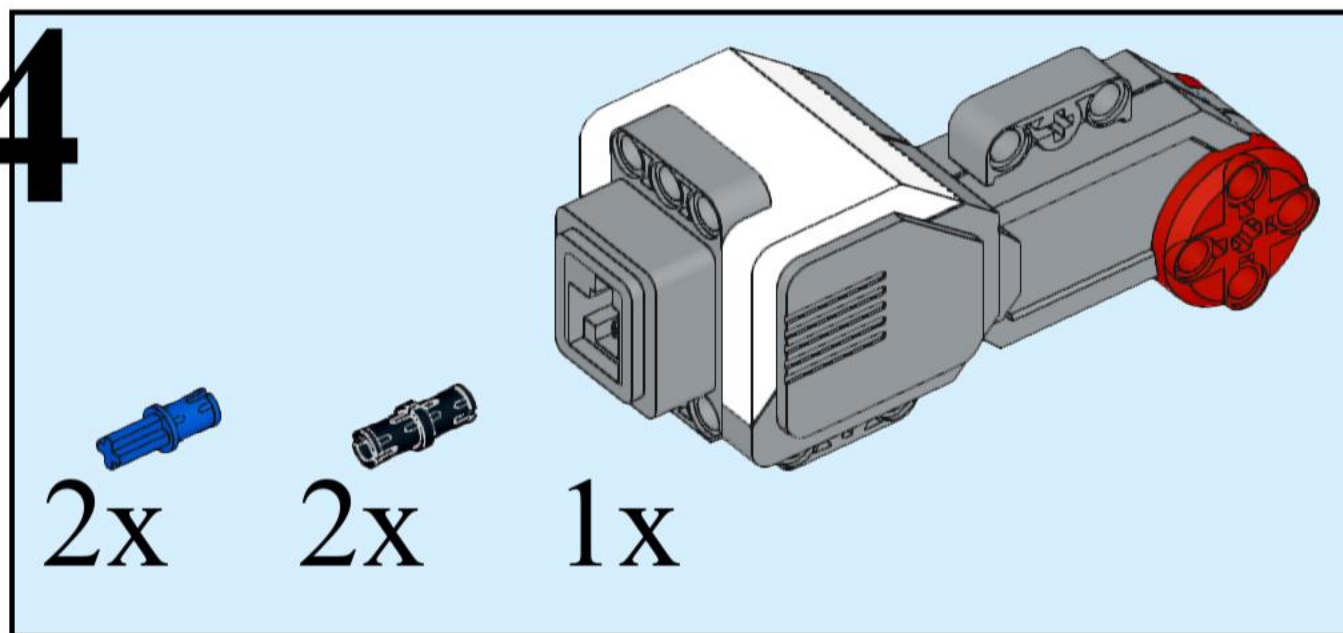


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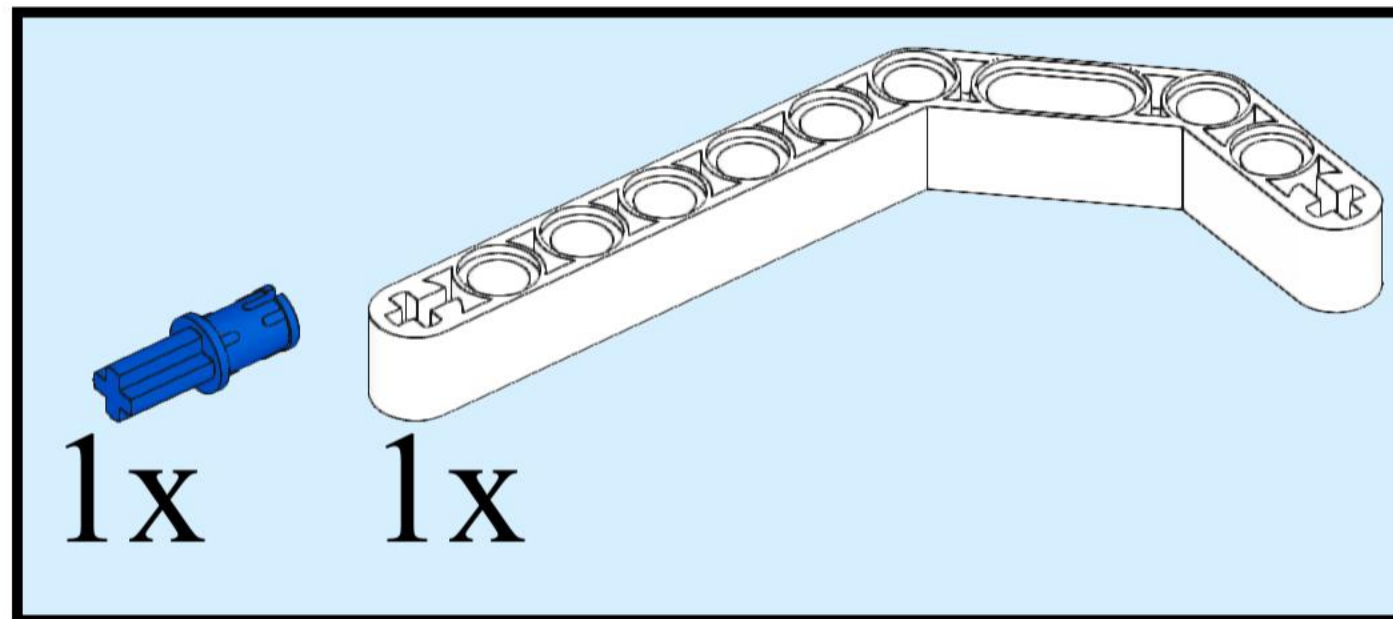


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14

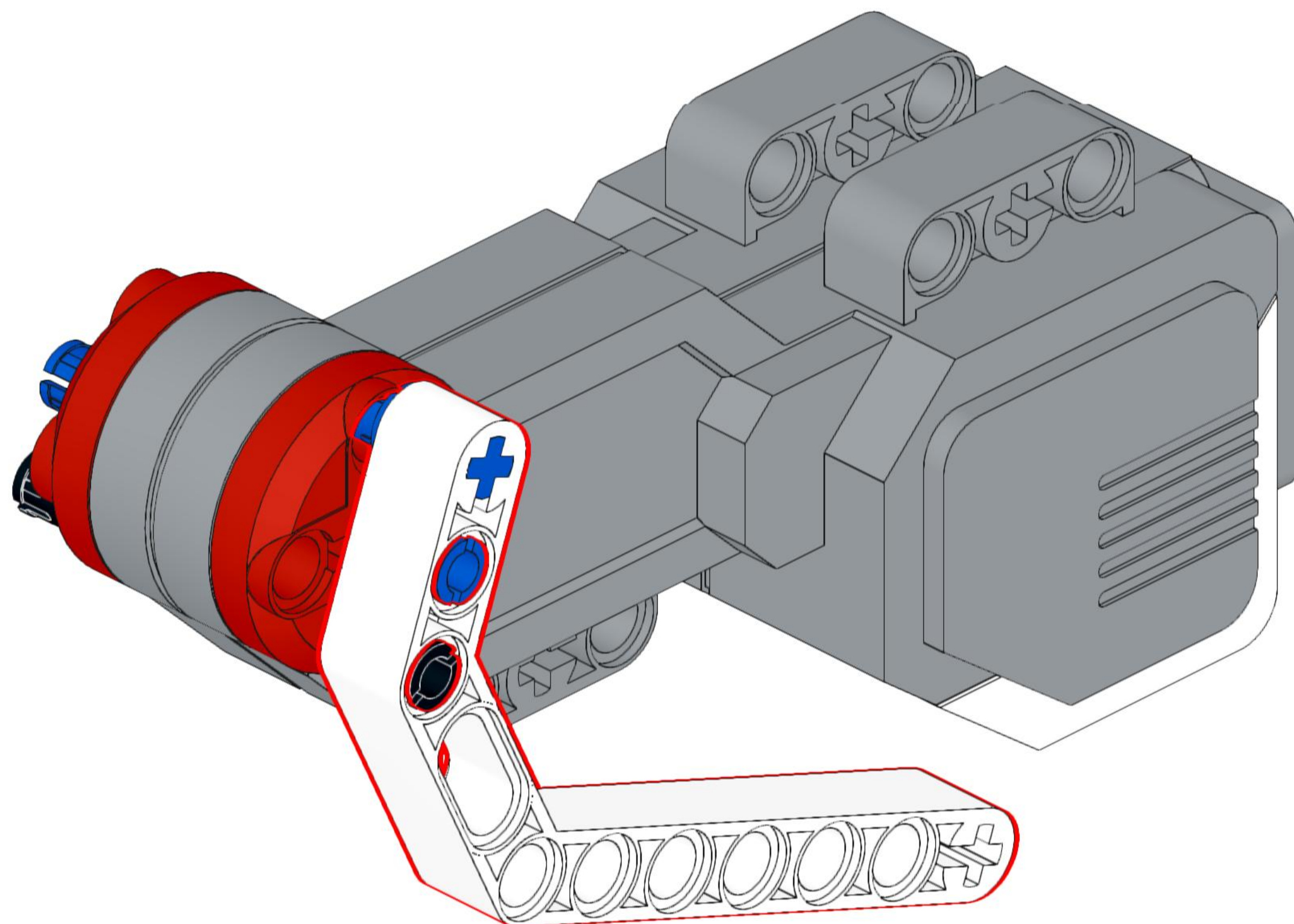
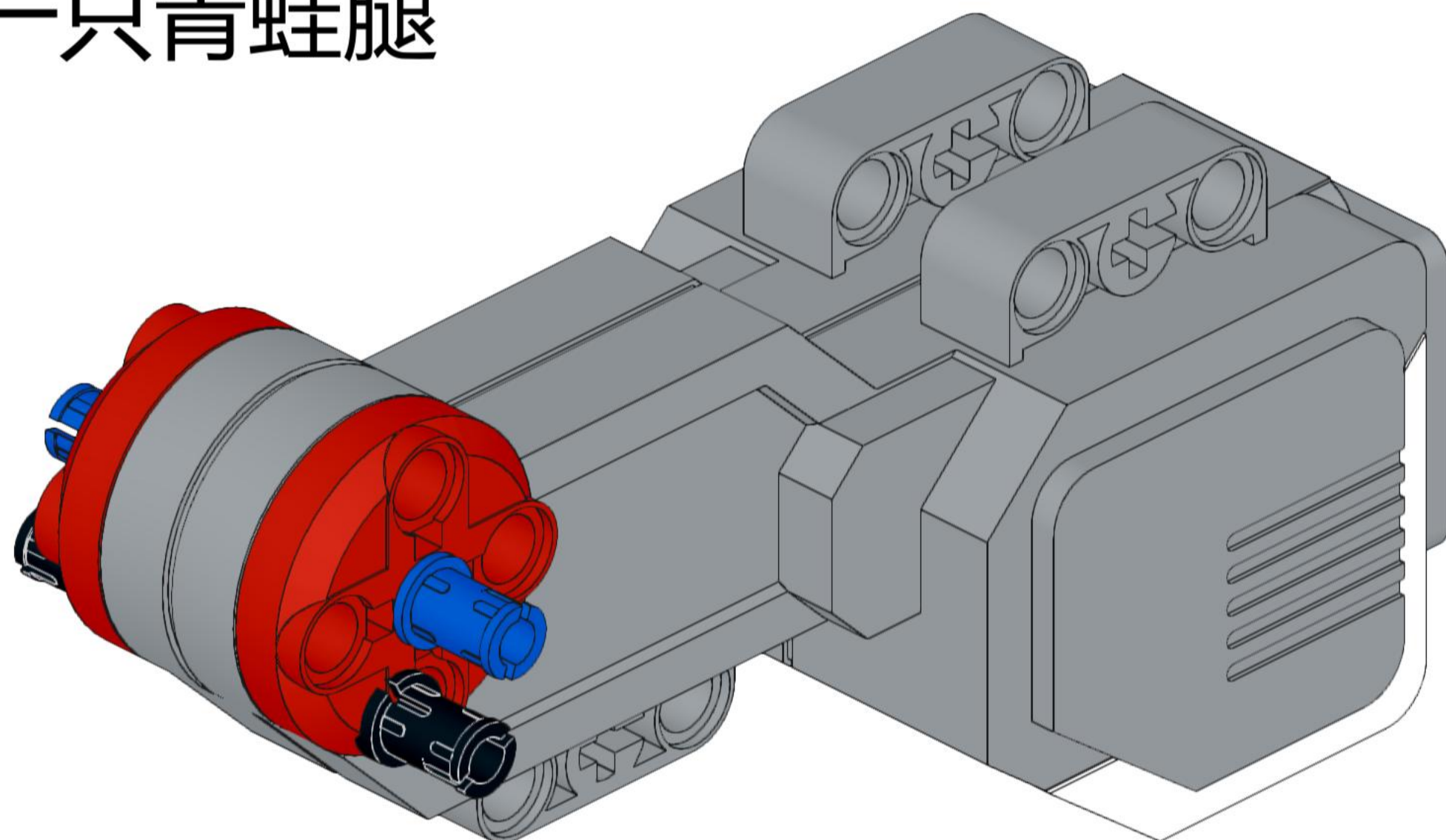


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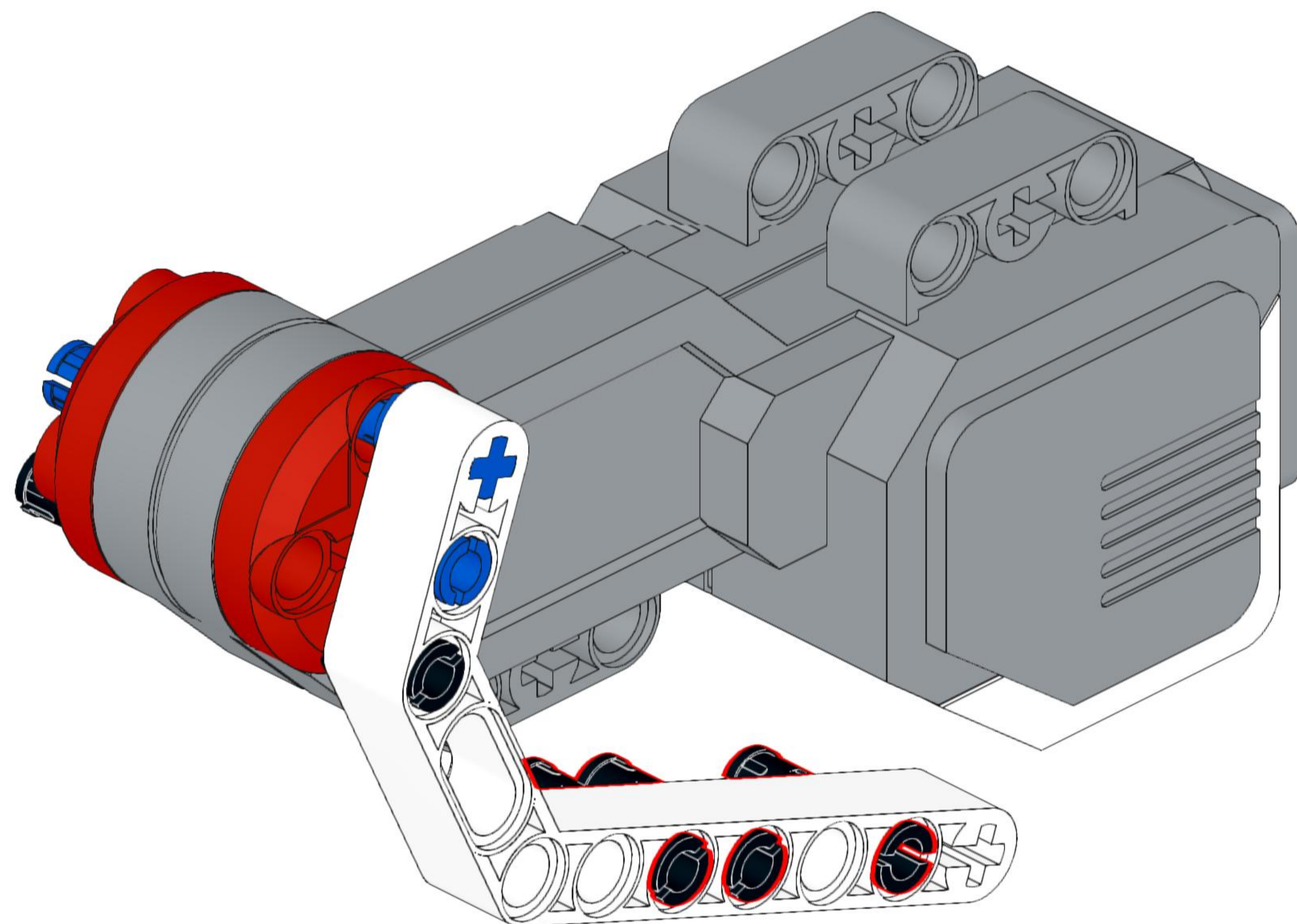
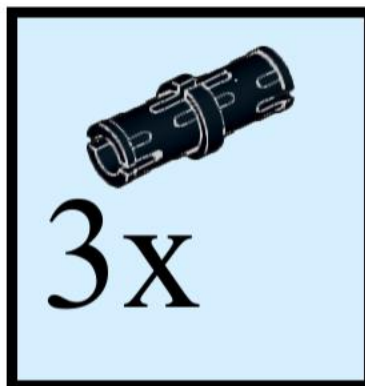


the other frog leg
step (14-23)

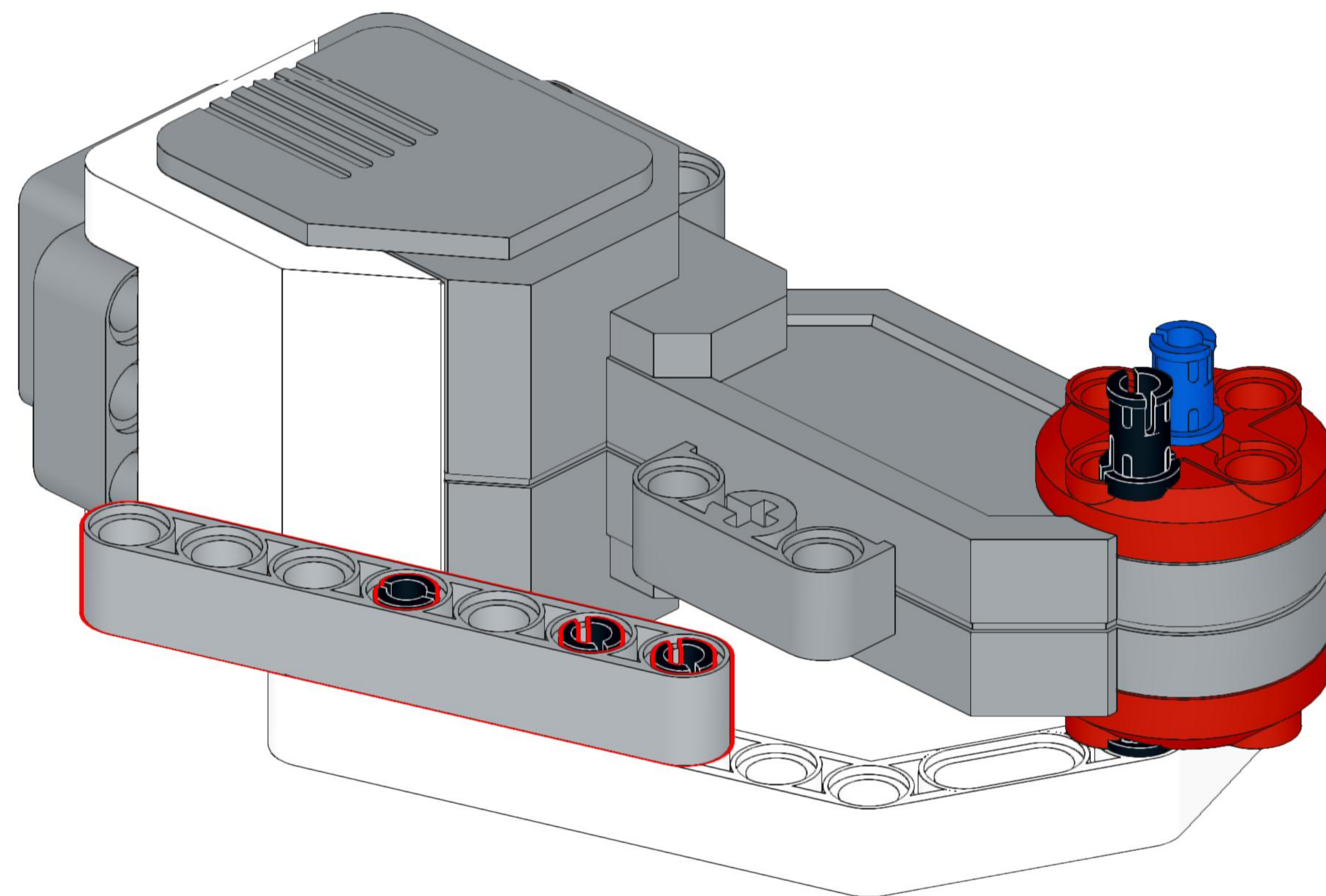
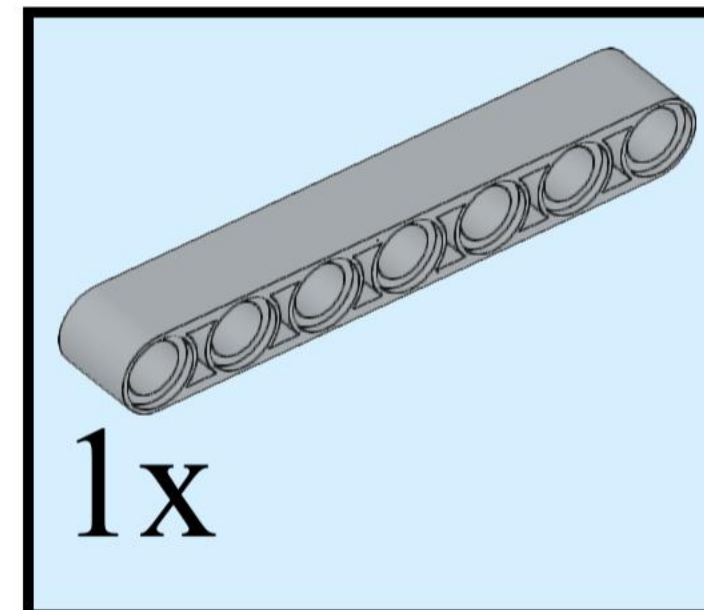
另一只青蛙腿



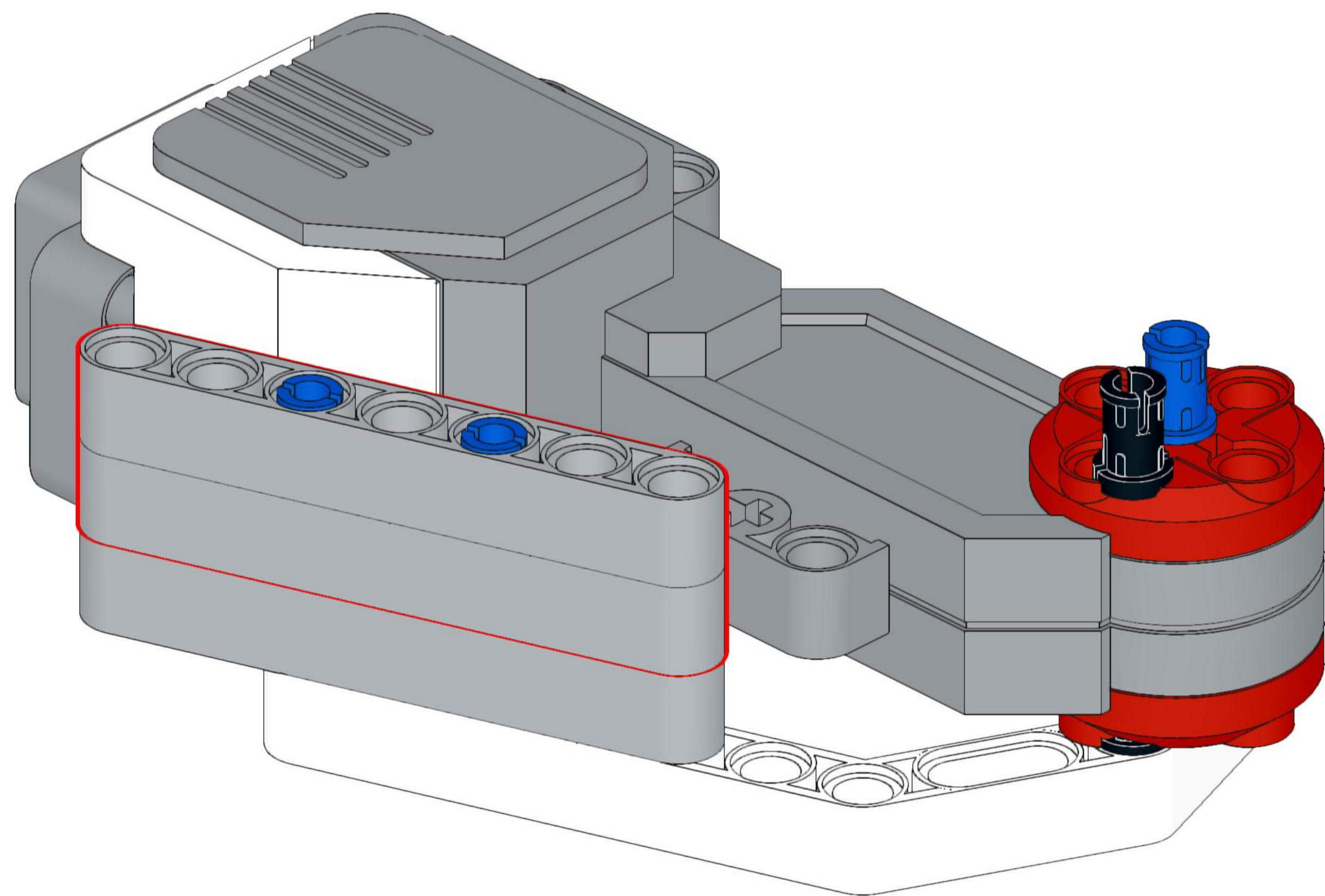
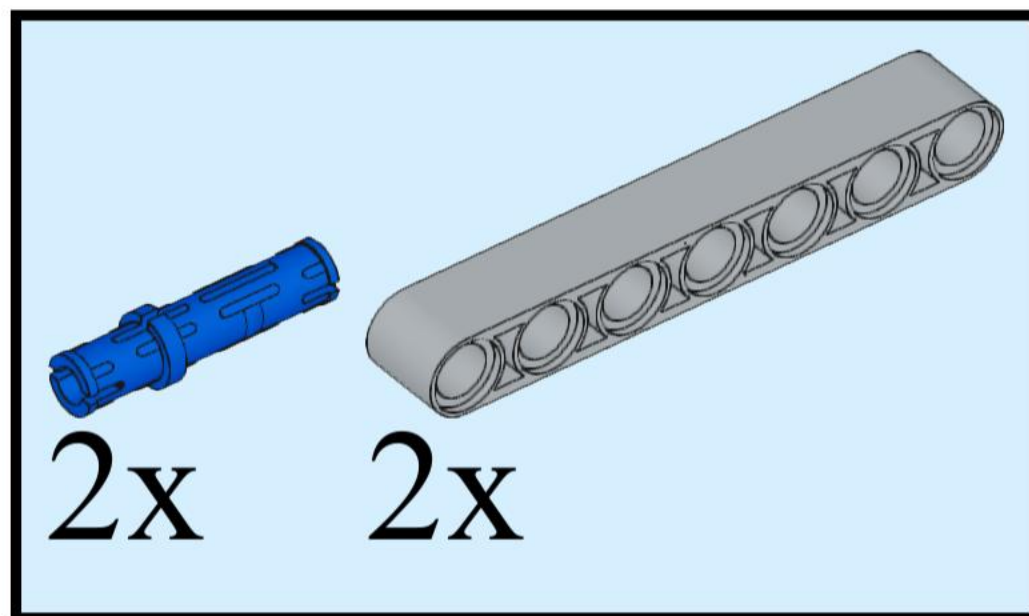
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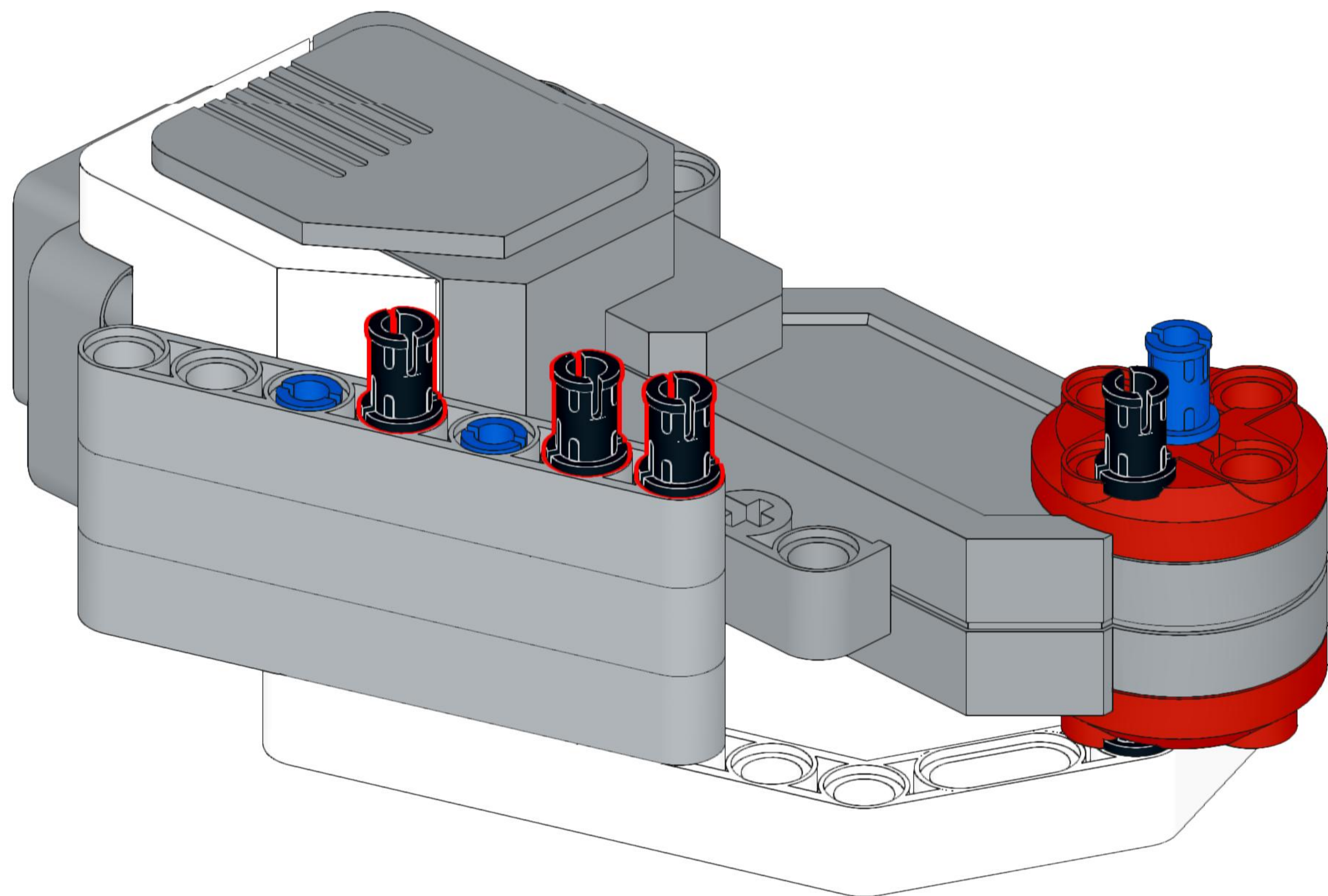
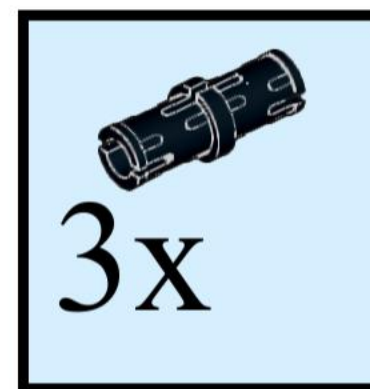
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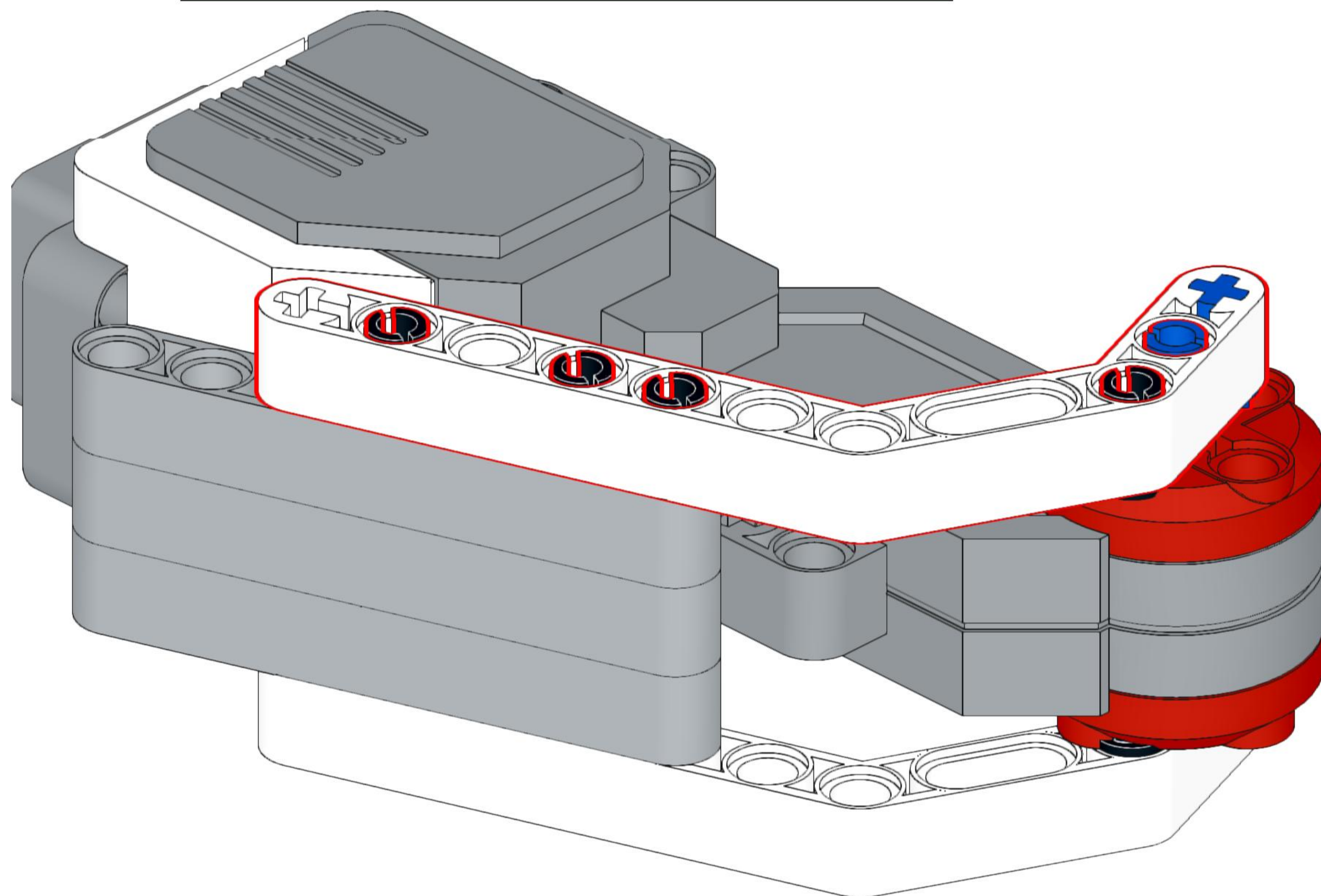
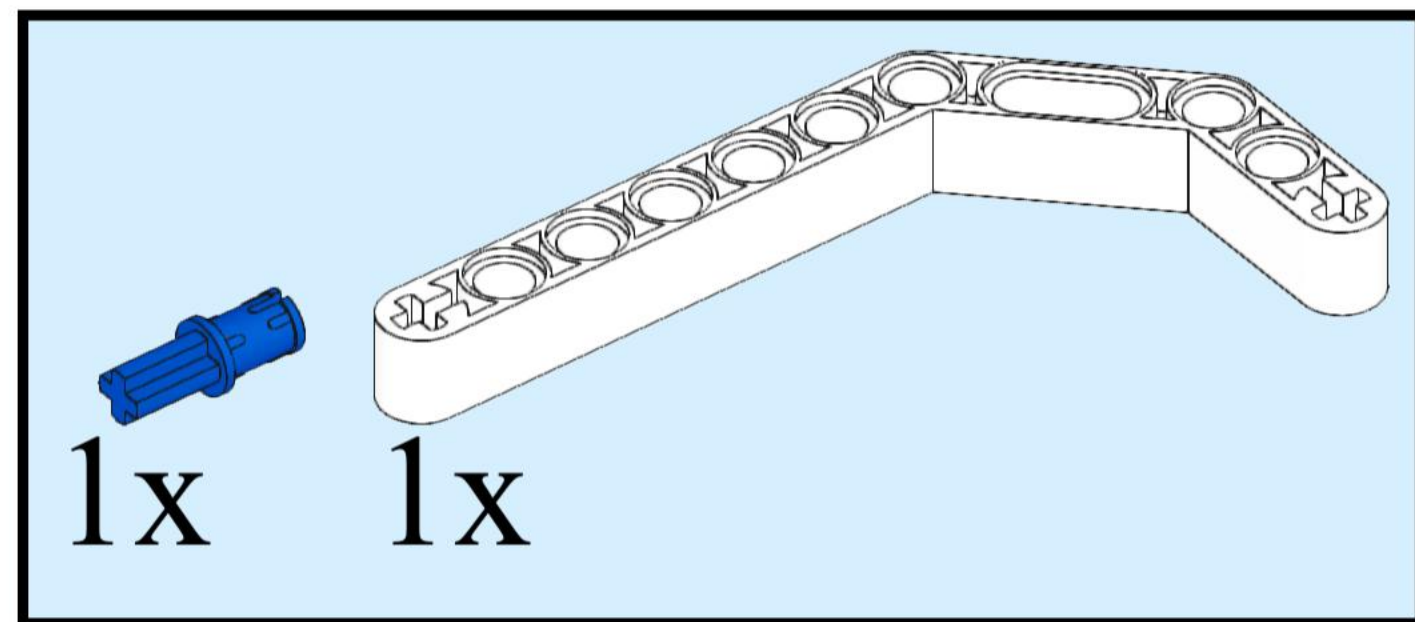
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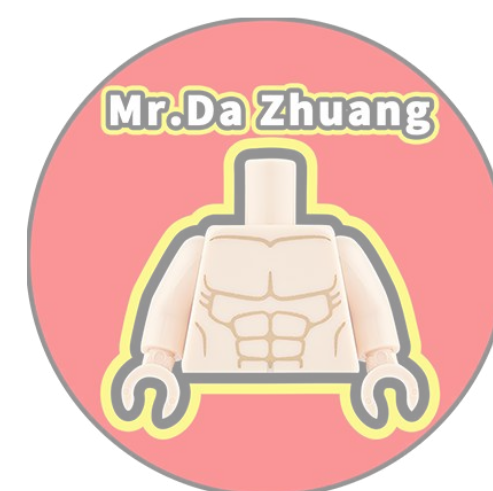
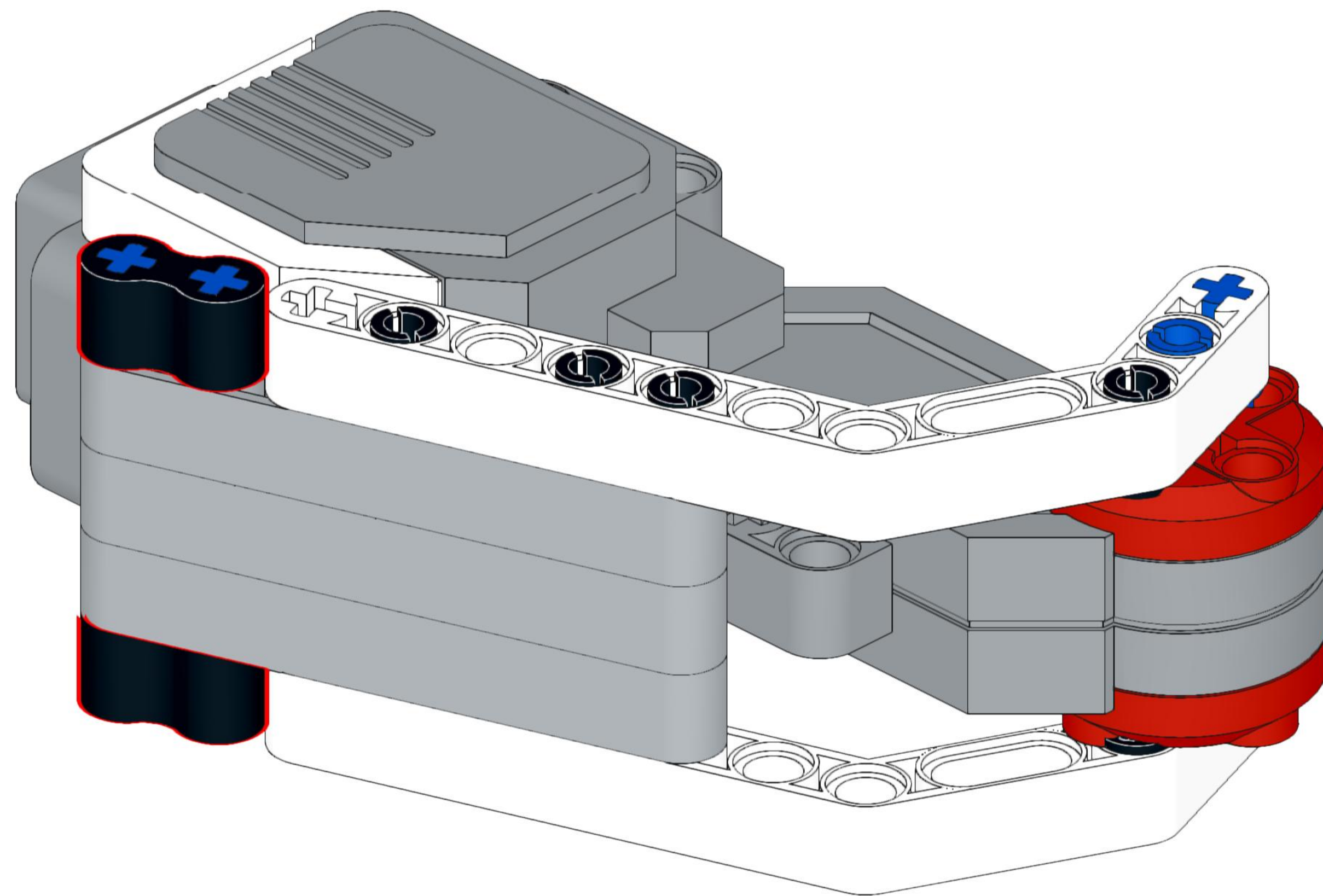
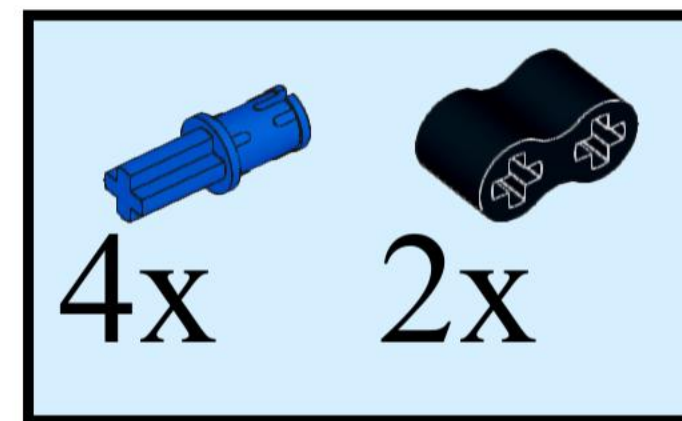
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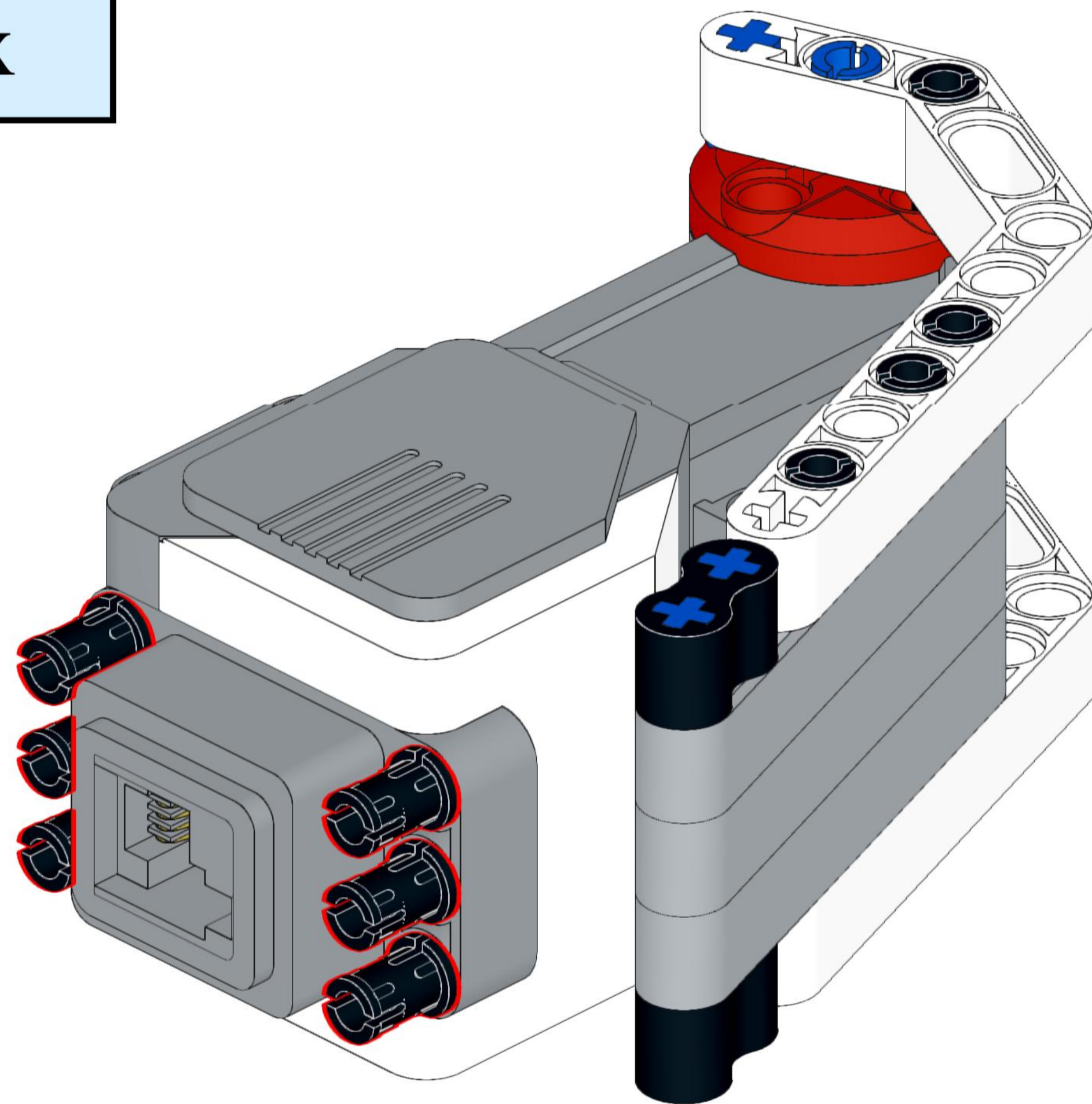
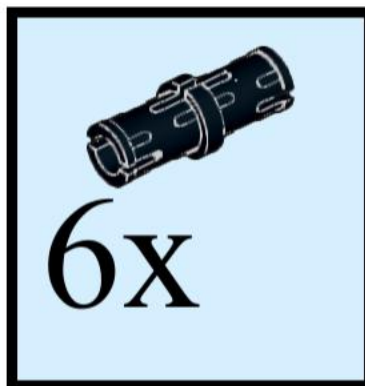


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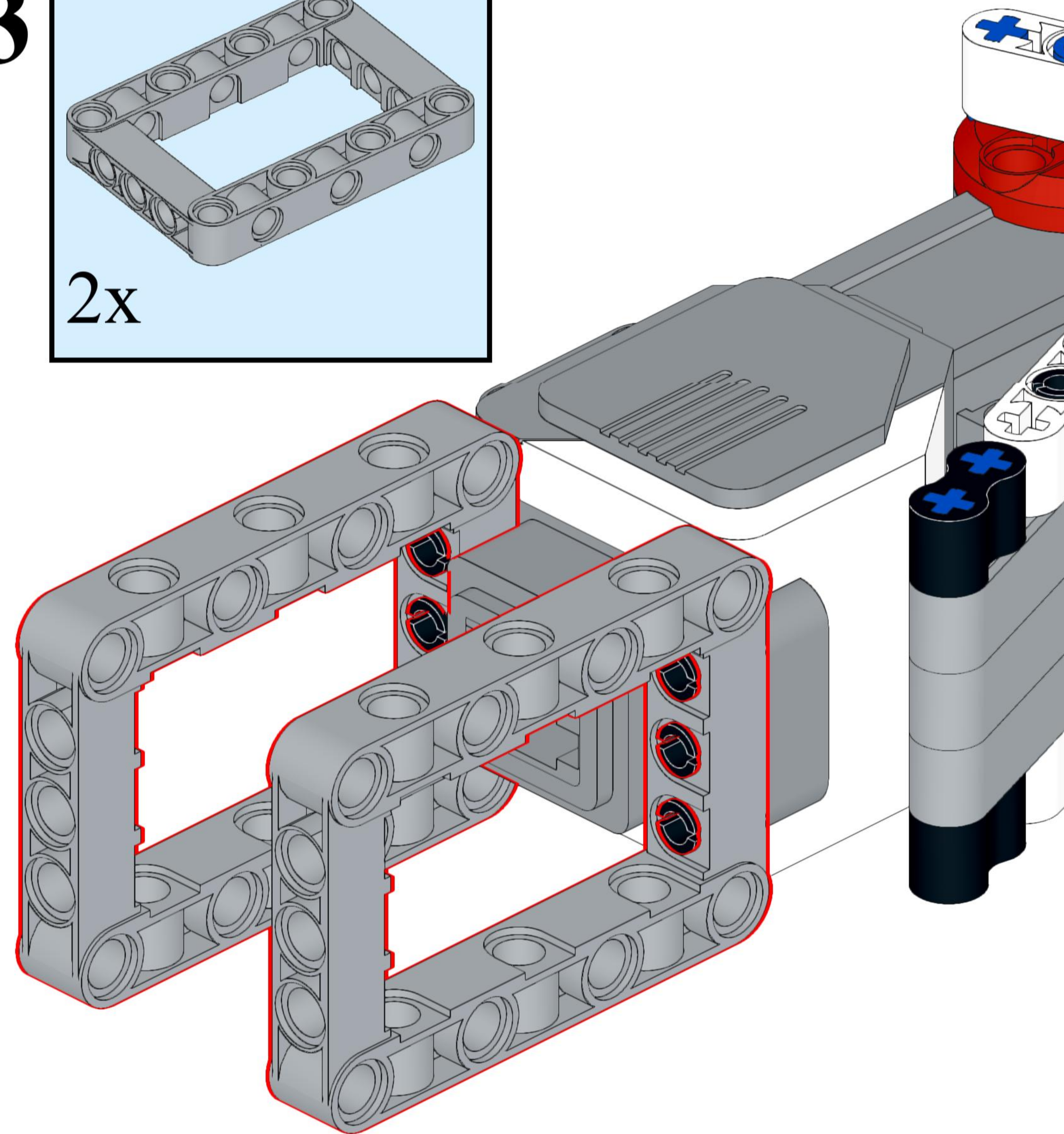
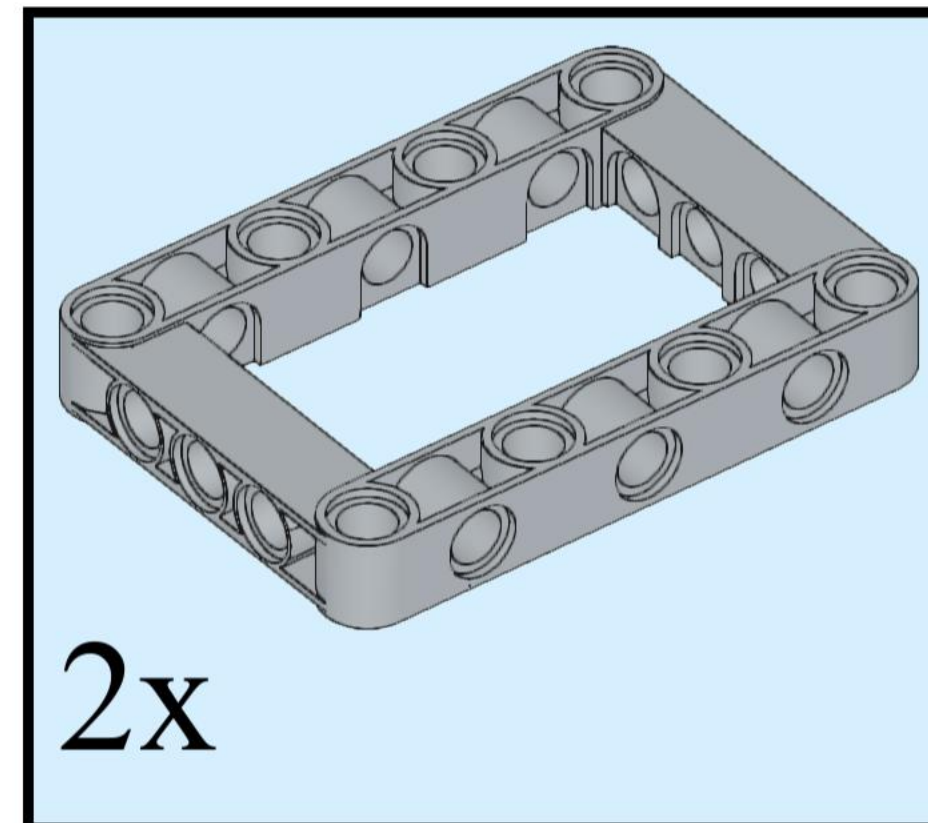


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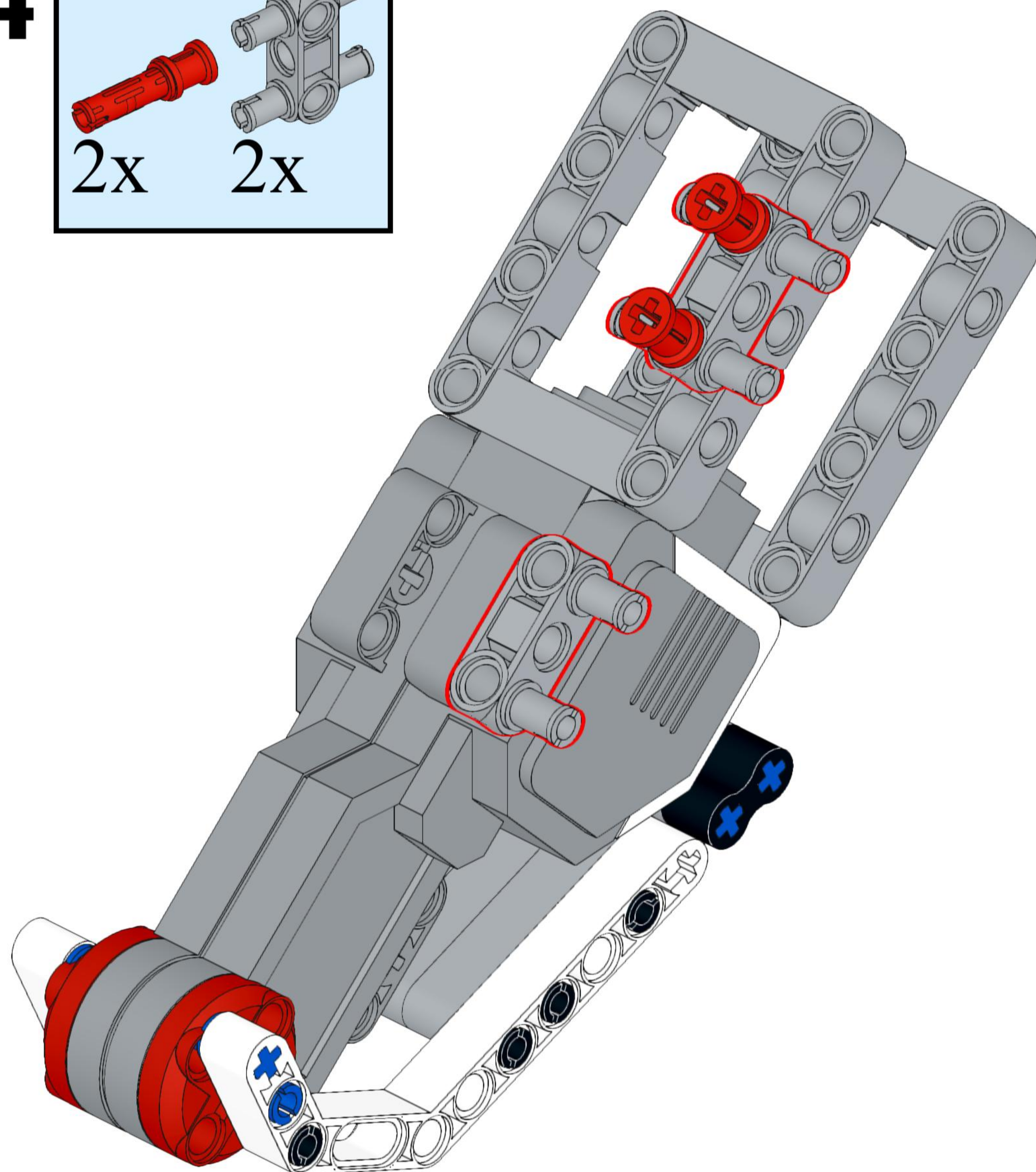
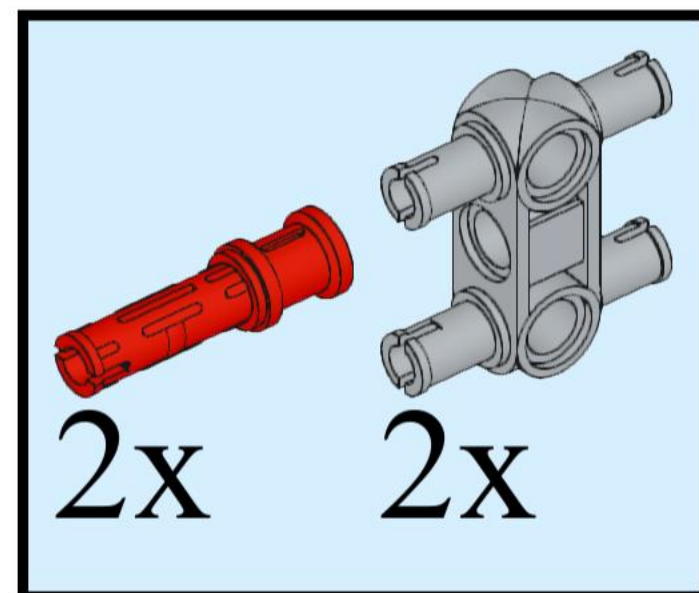
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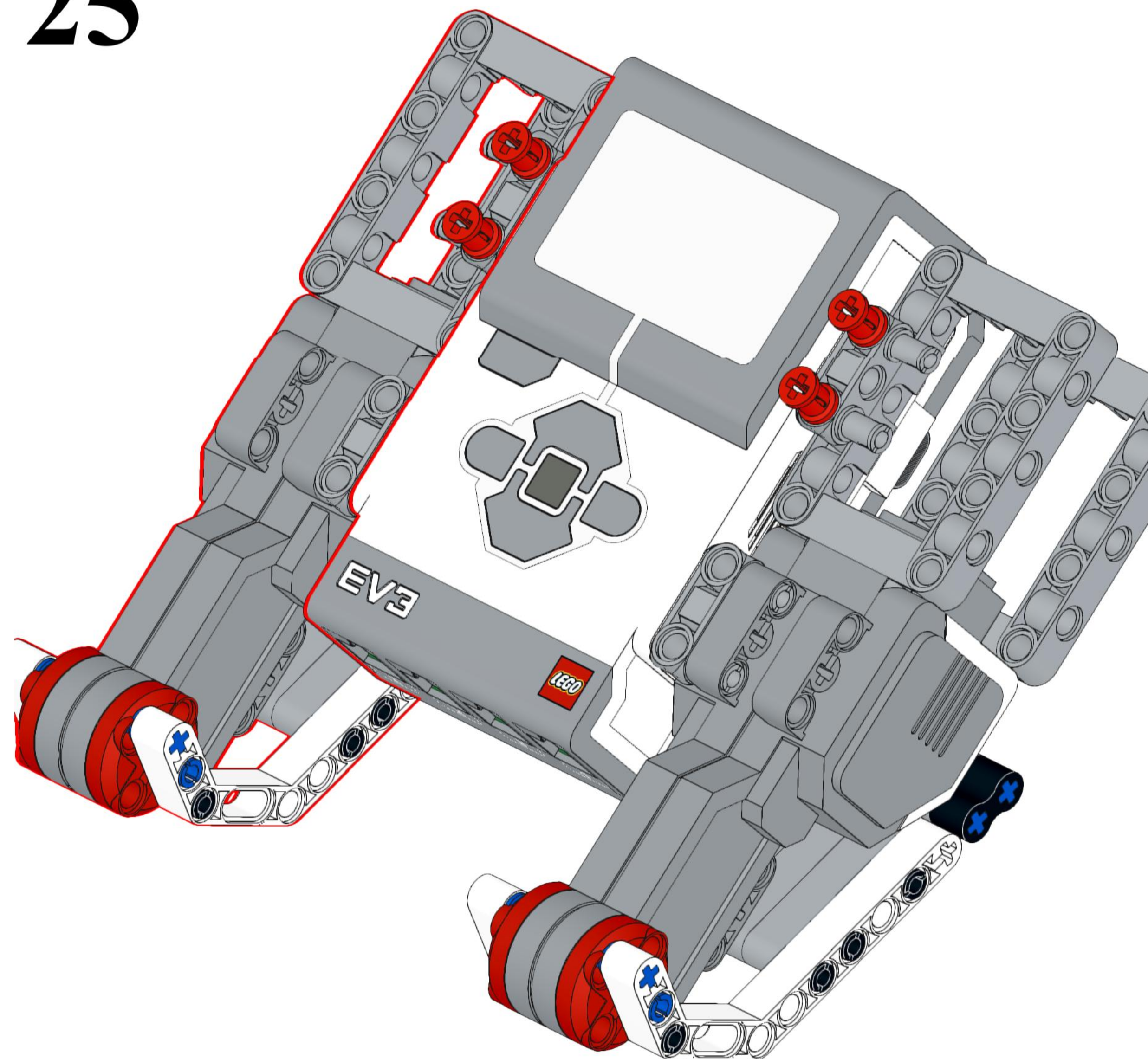
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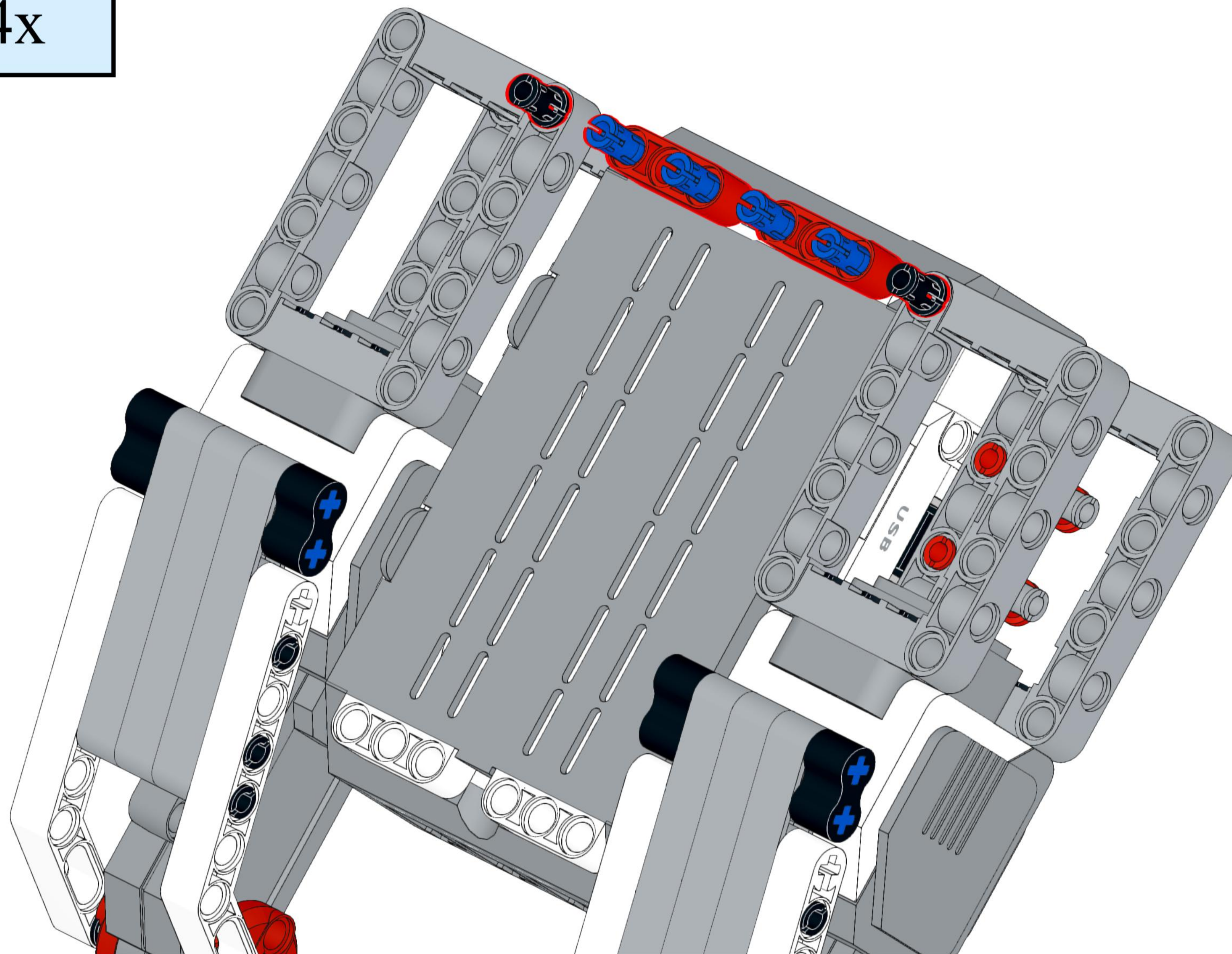
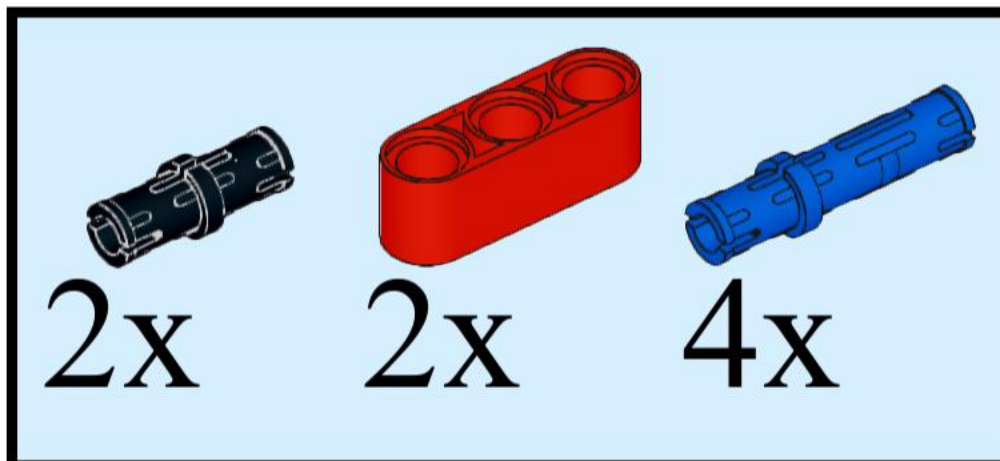
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25



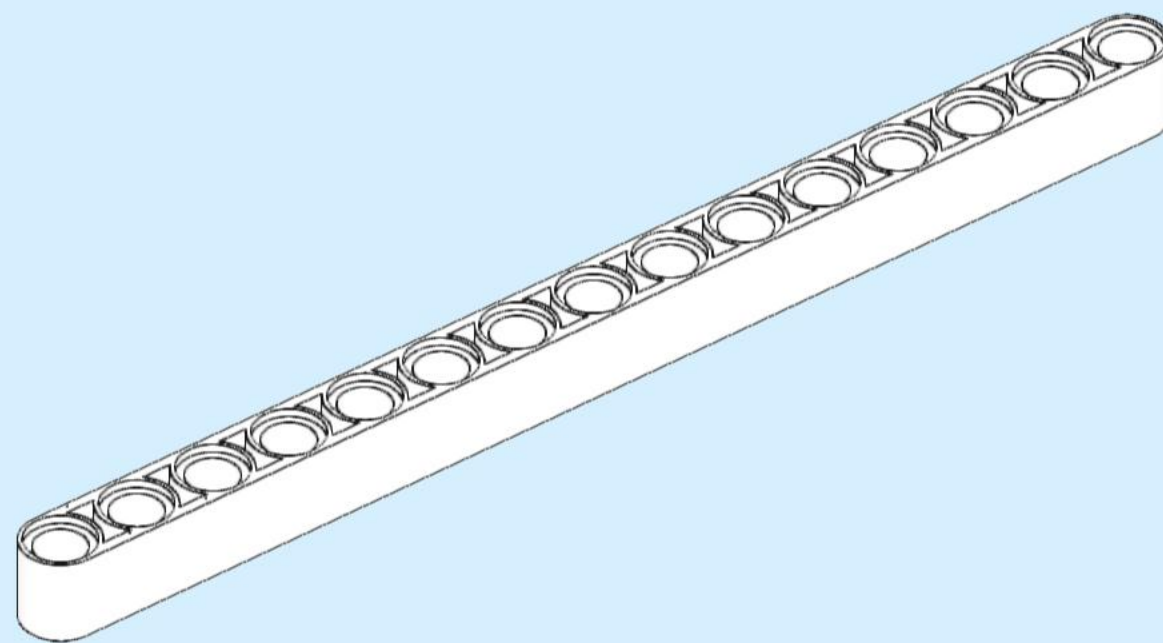
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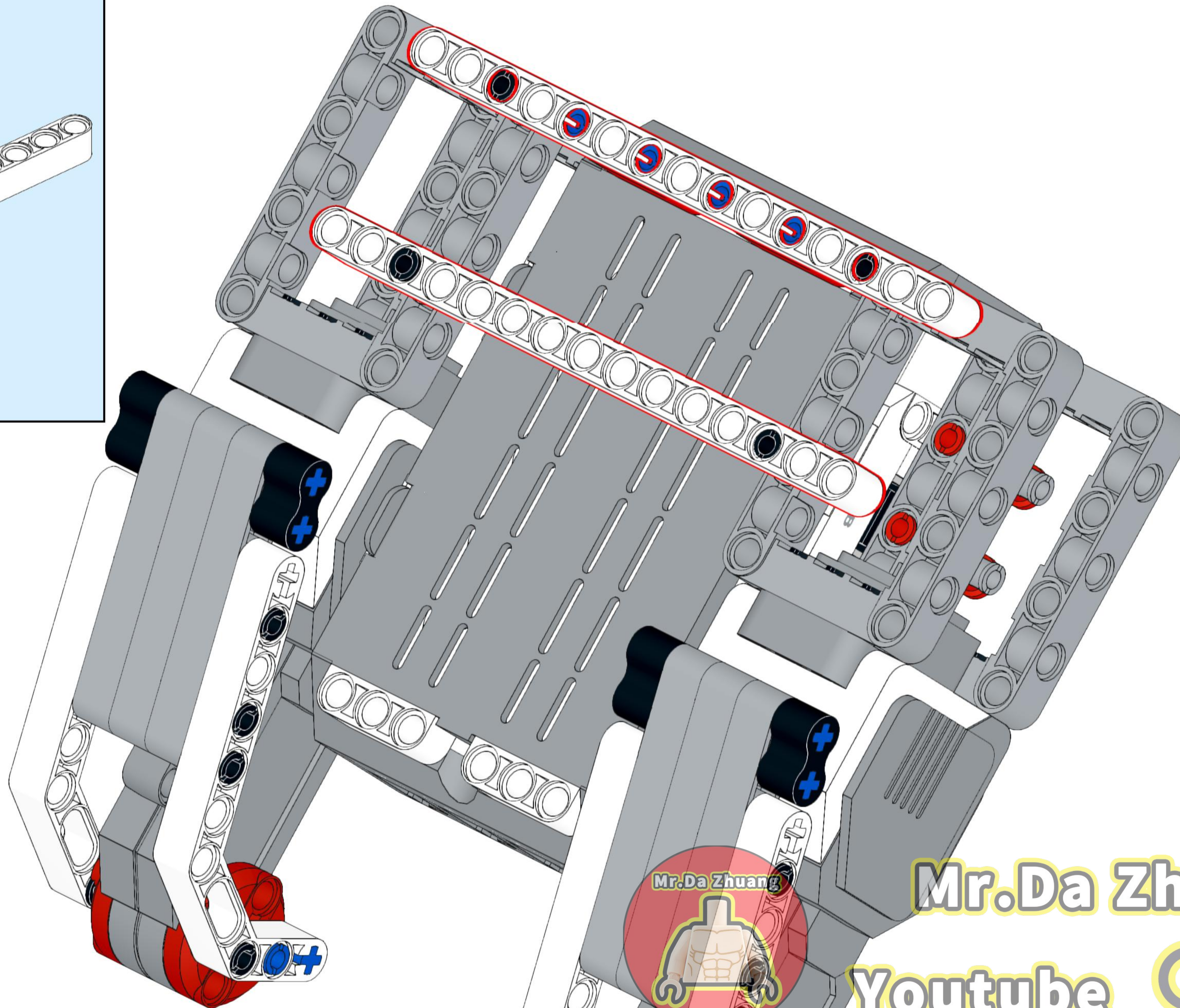
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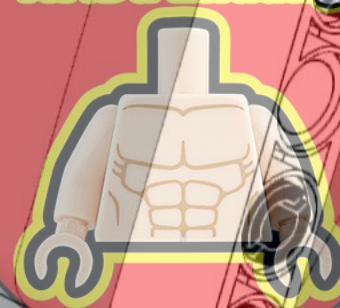
2x



2x



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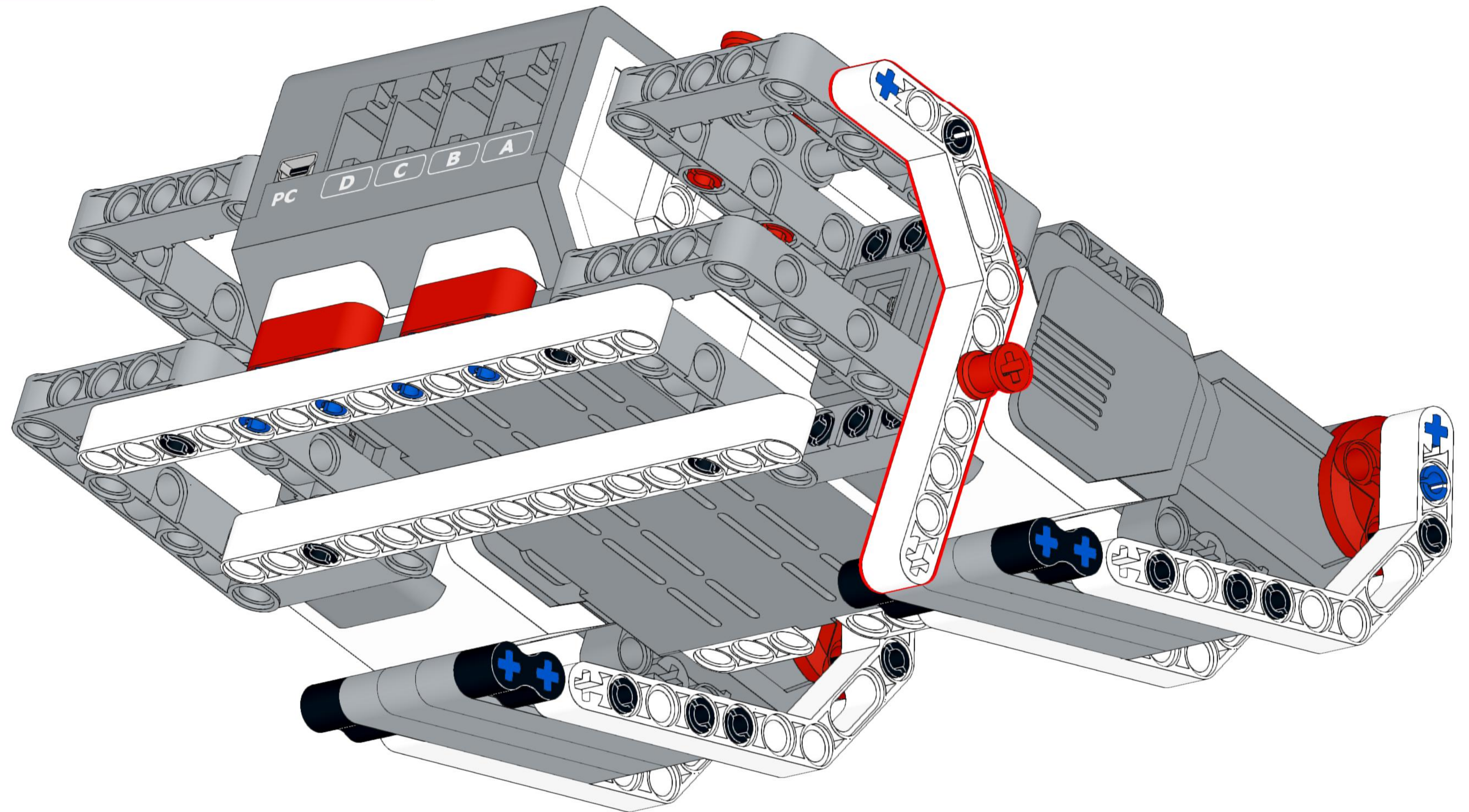
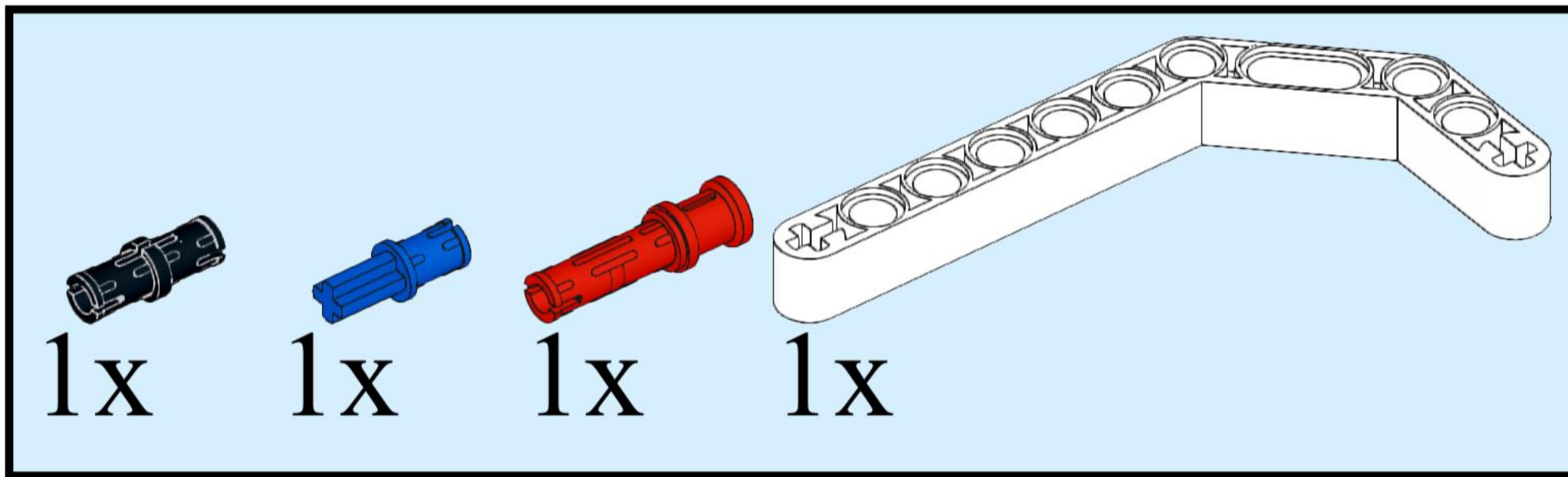
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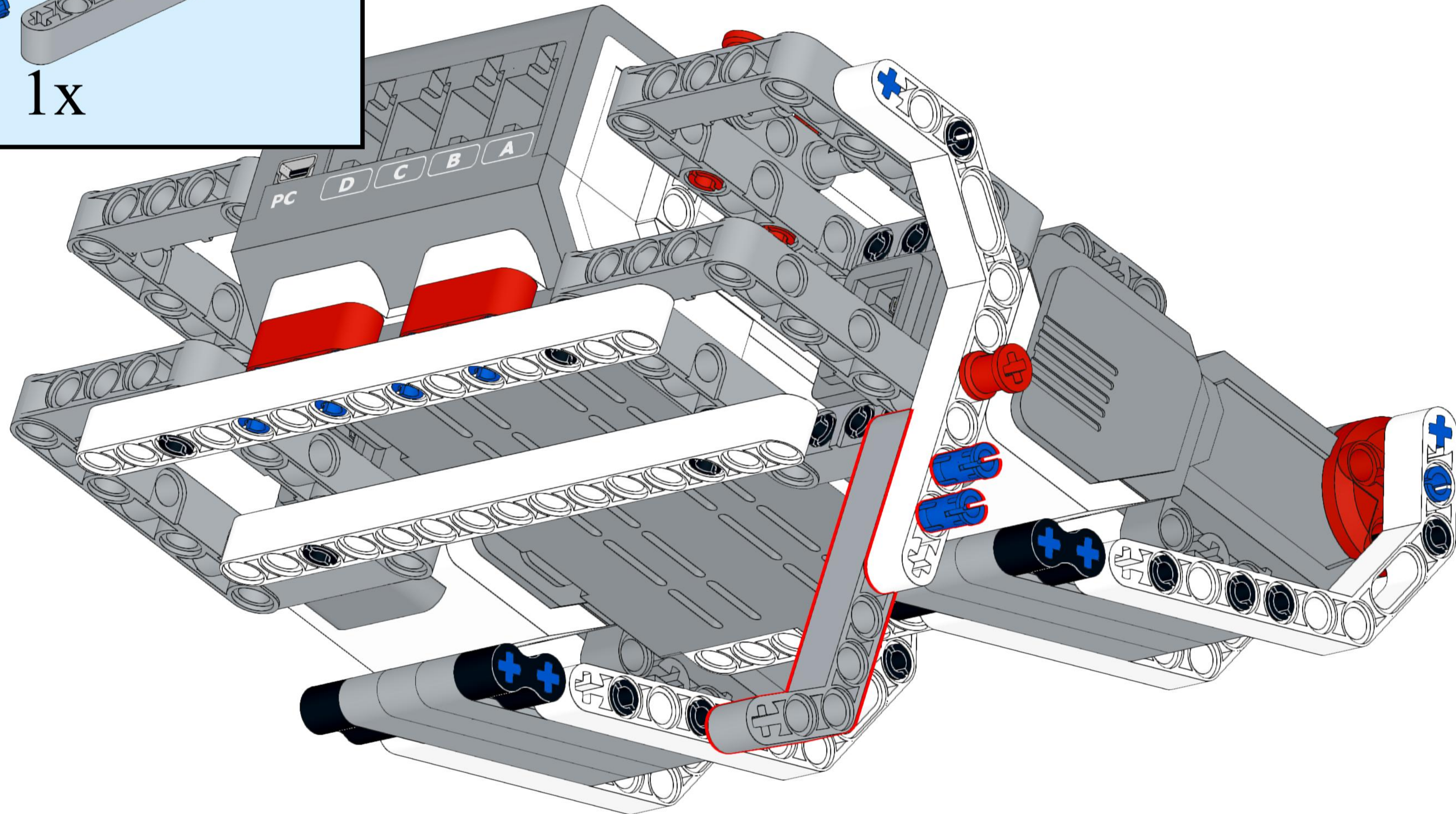
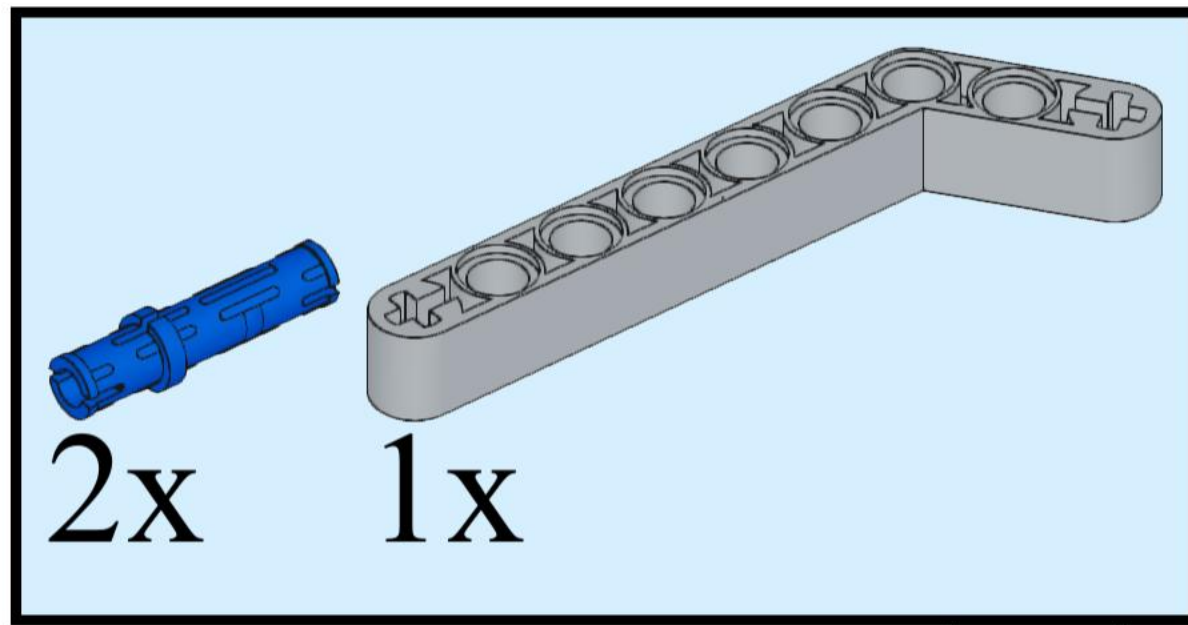


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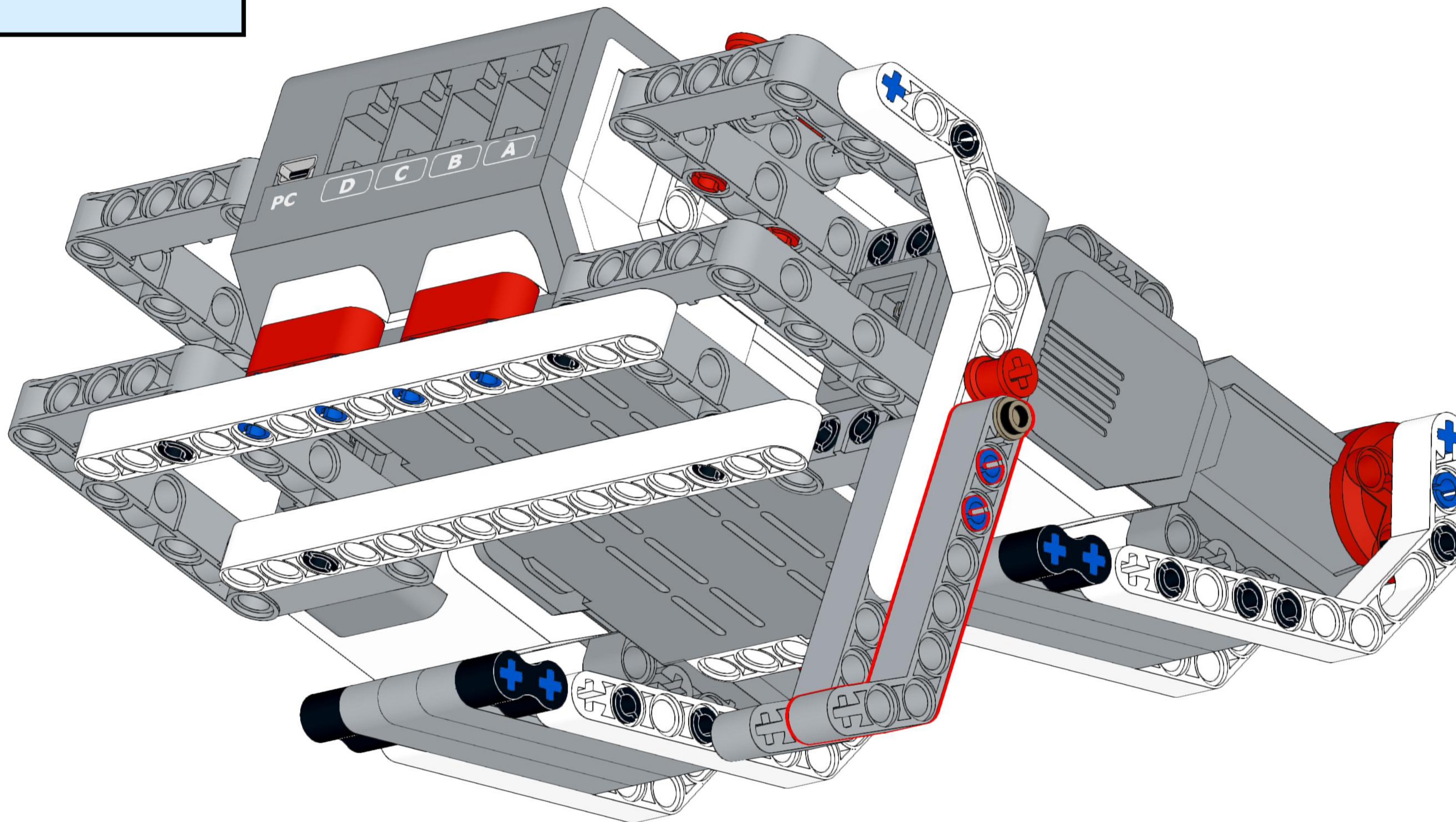
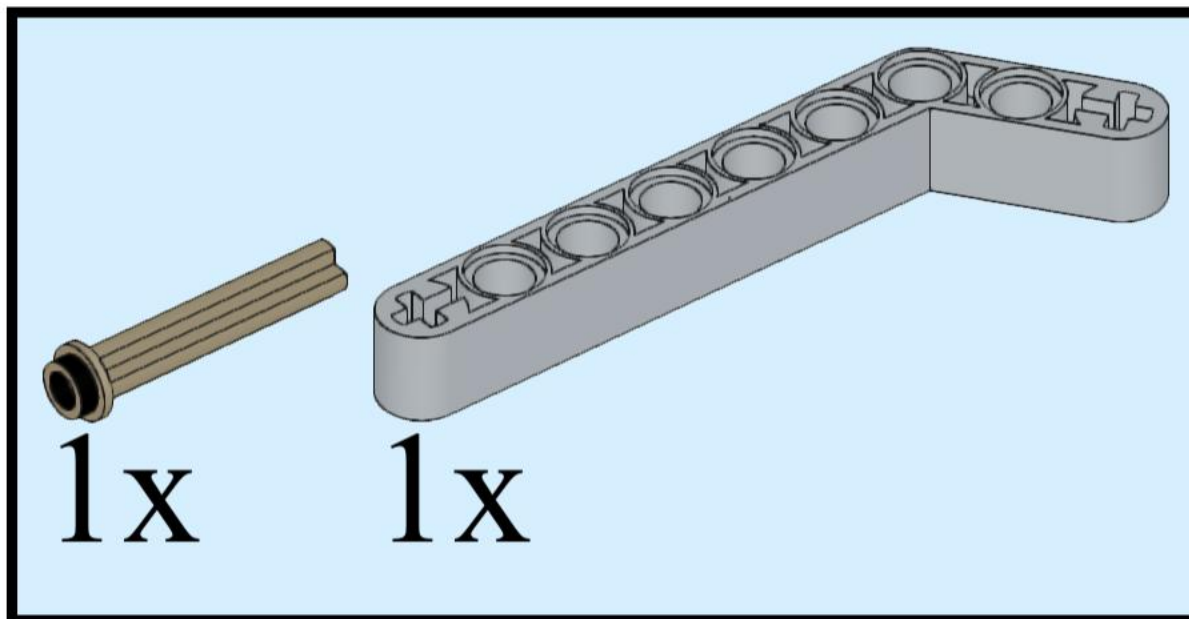
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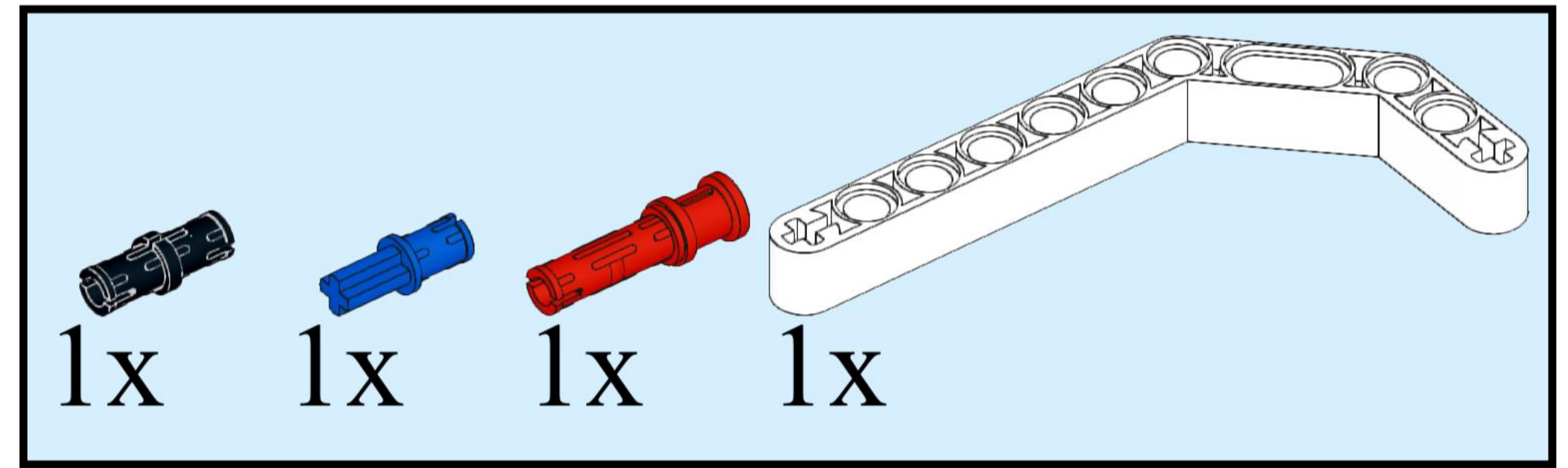
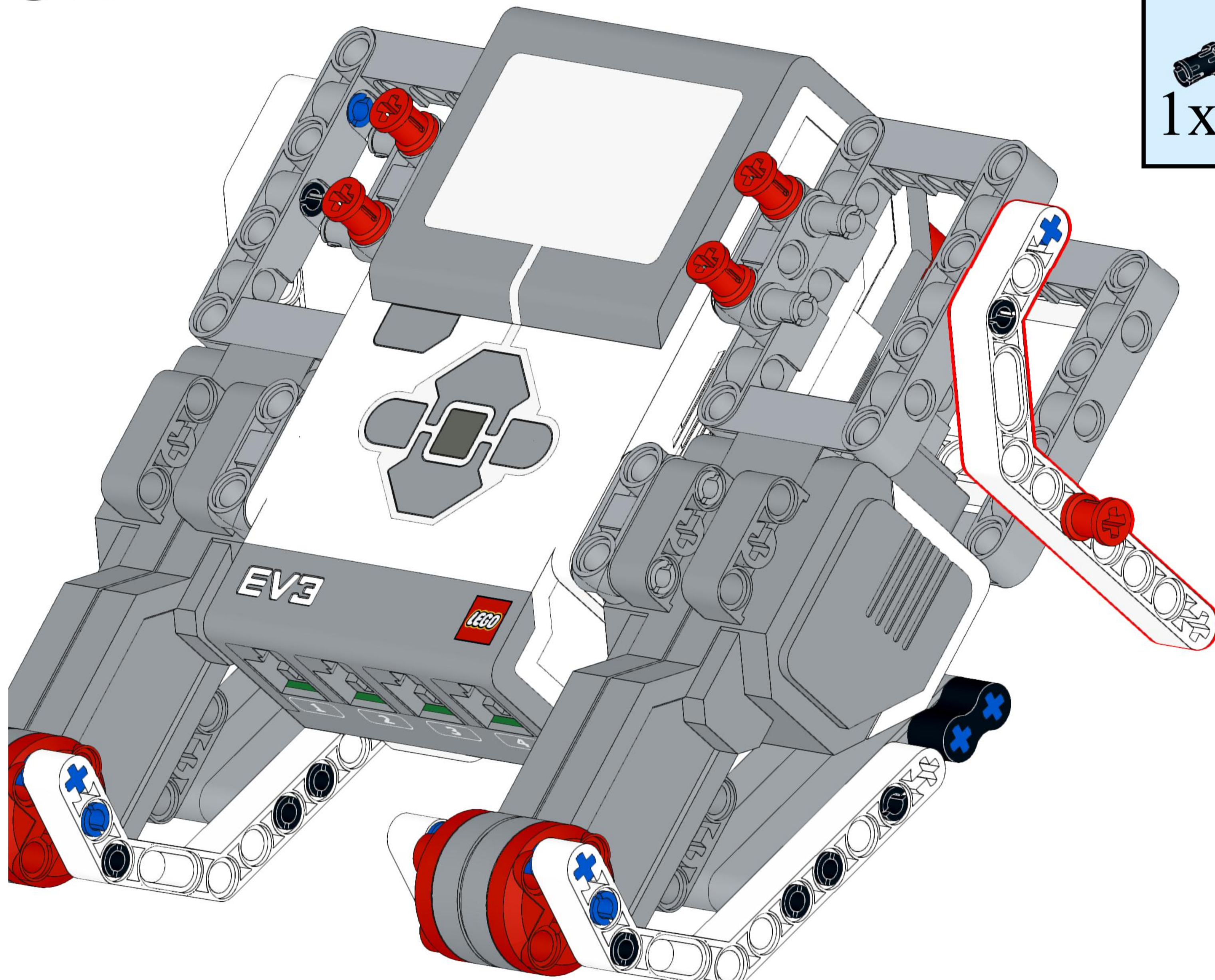
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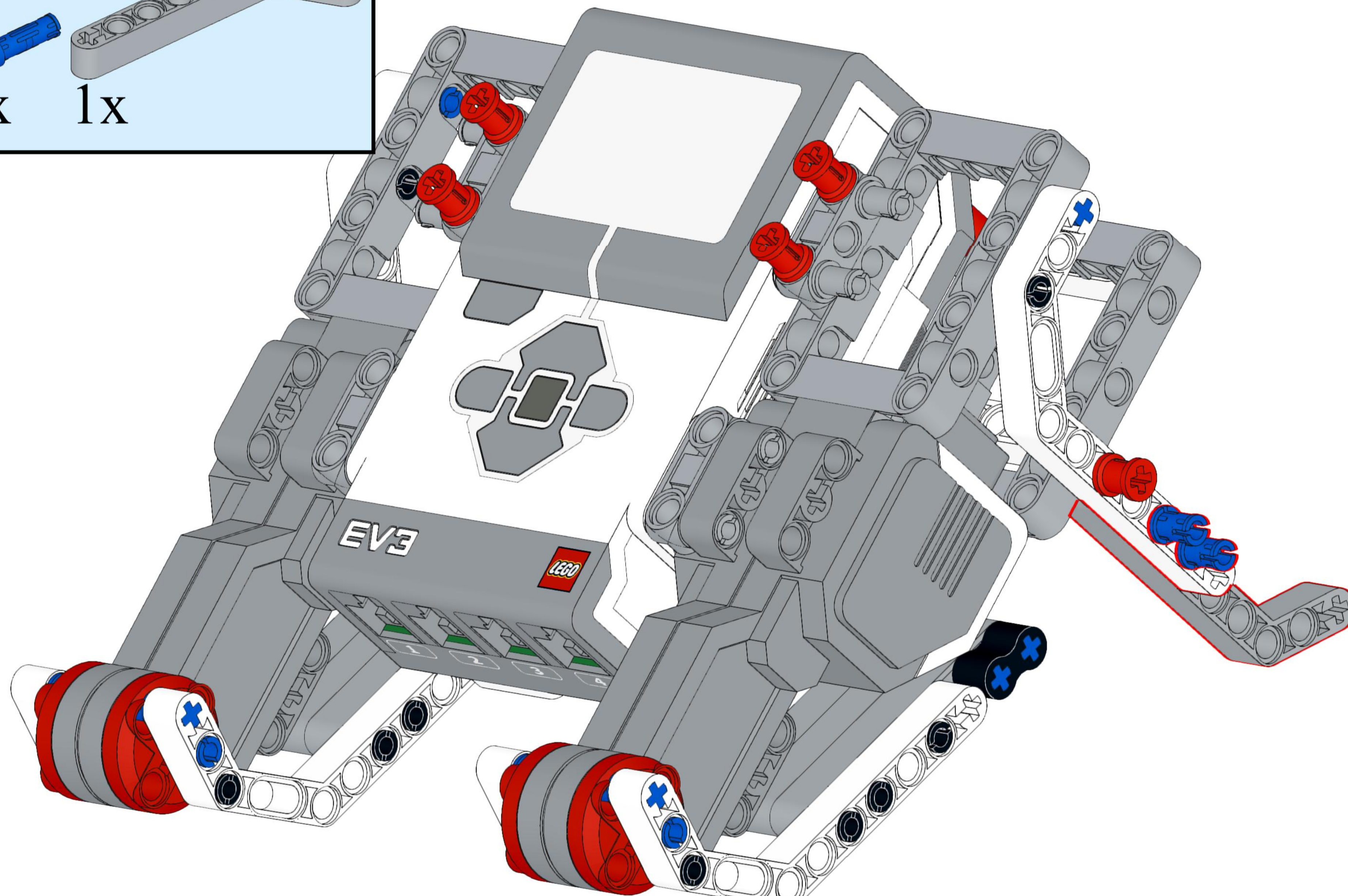
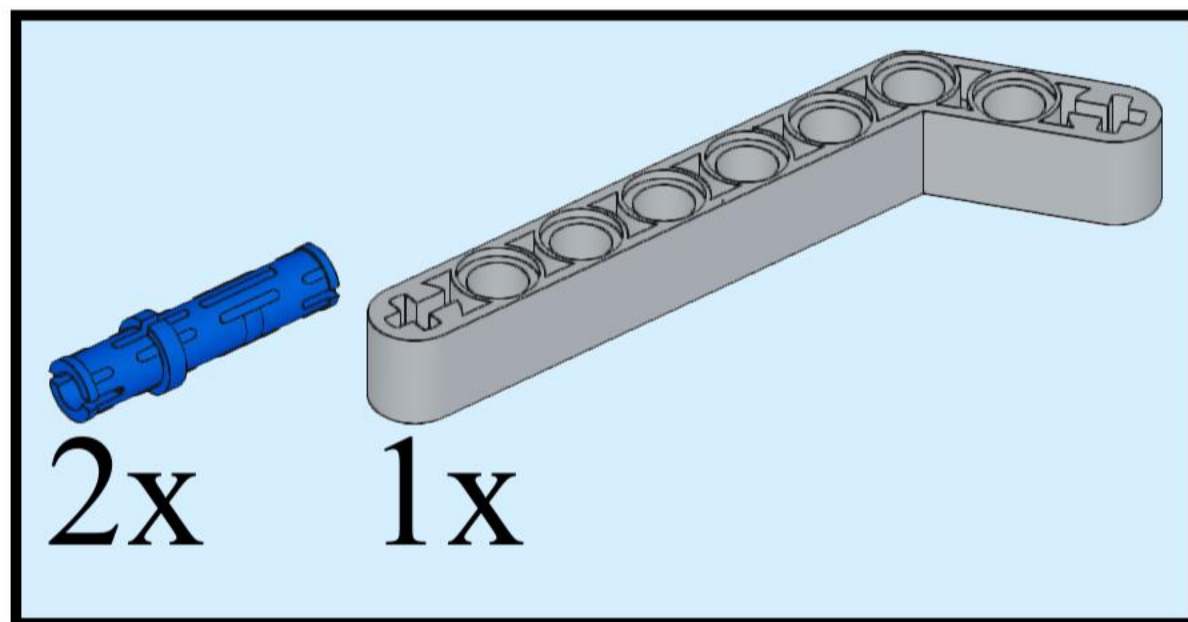
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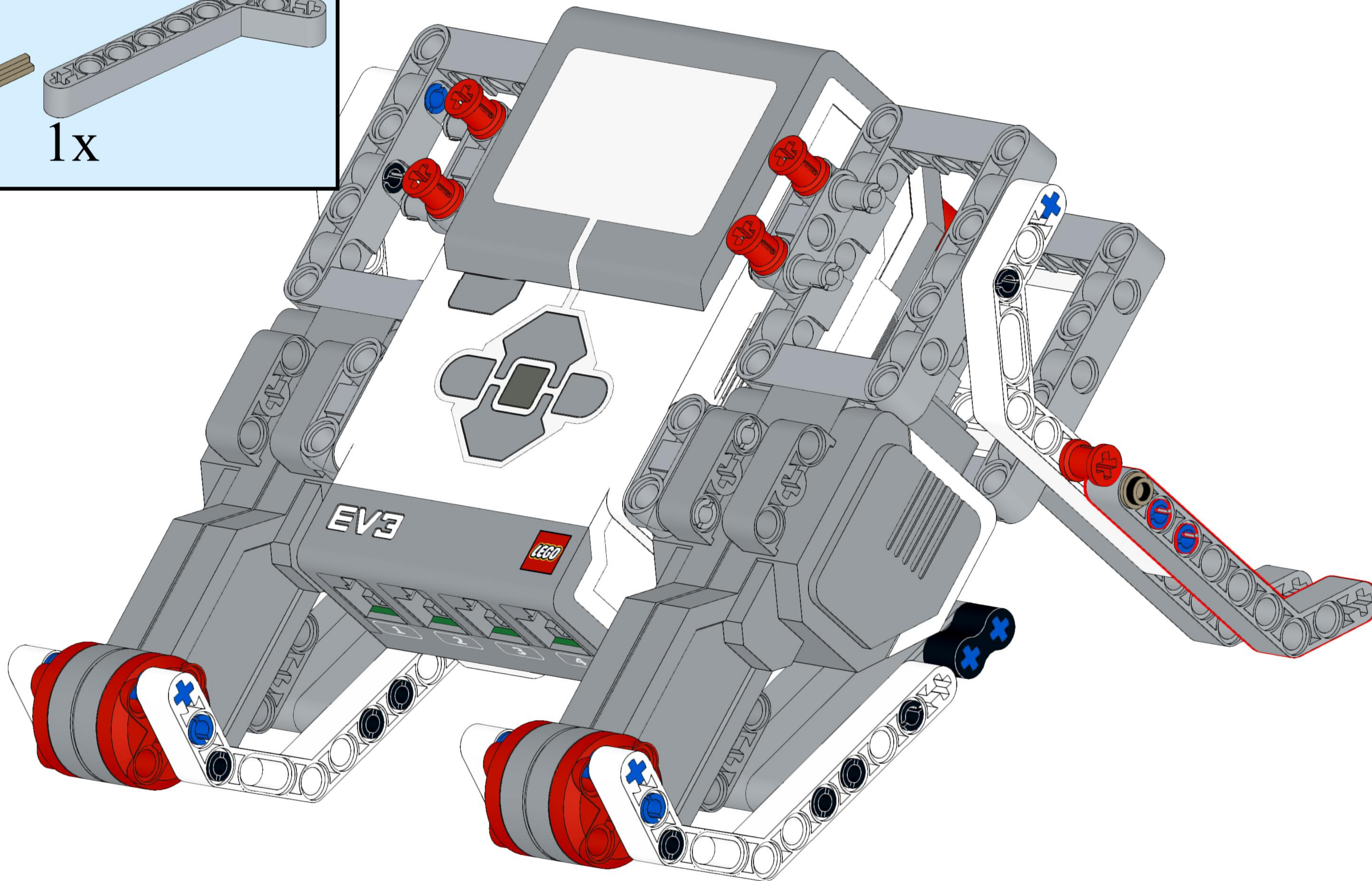
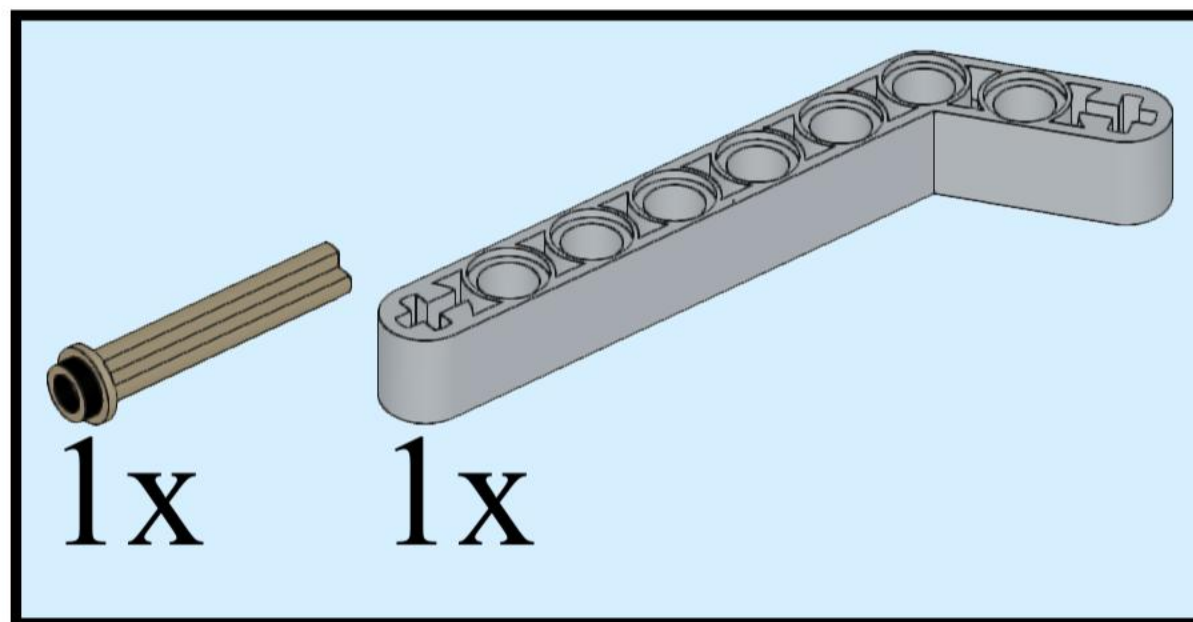
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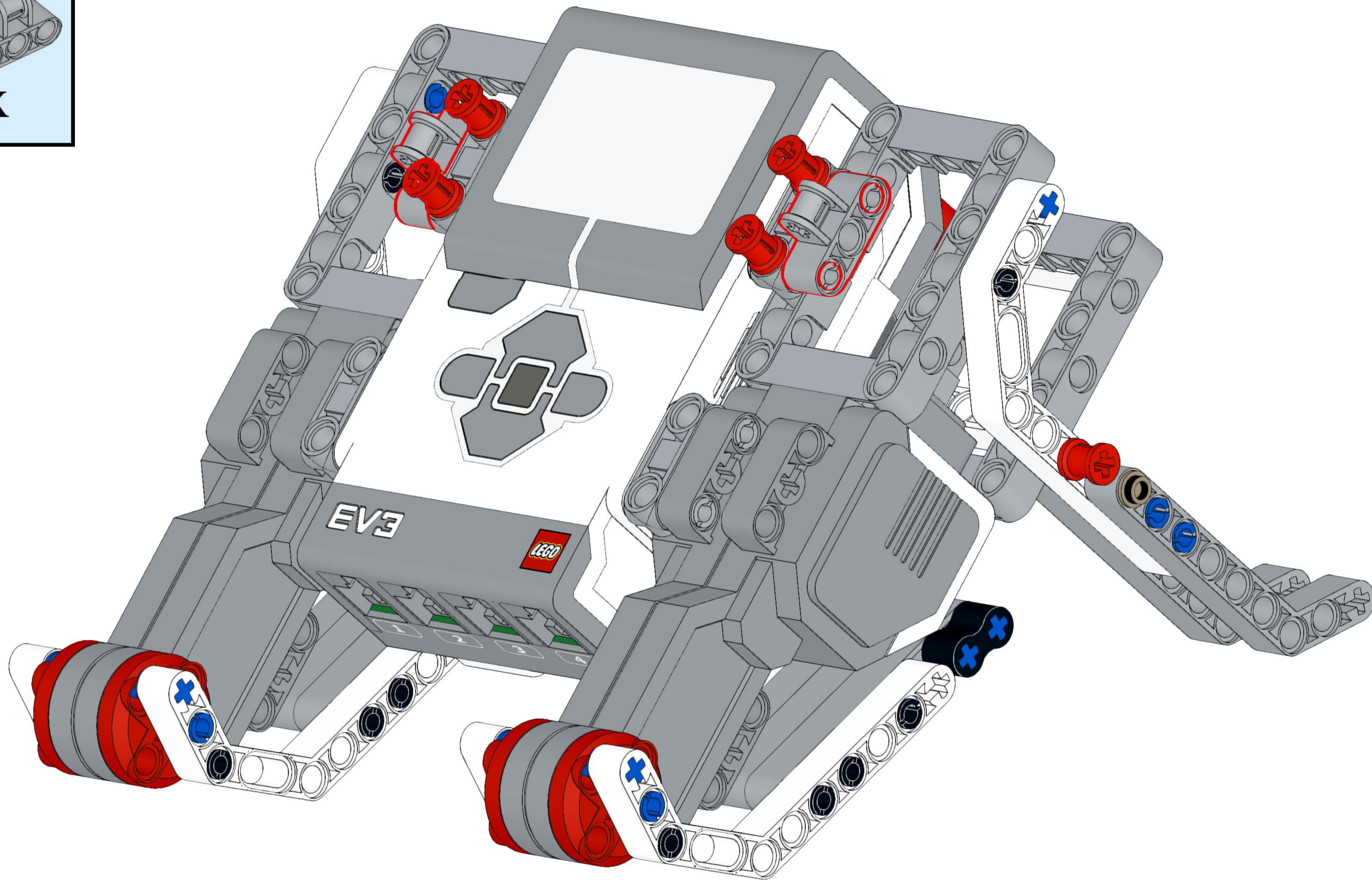
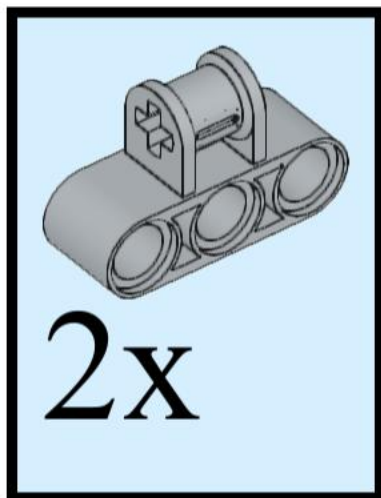
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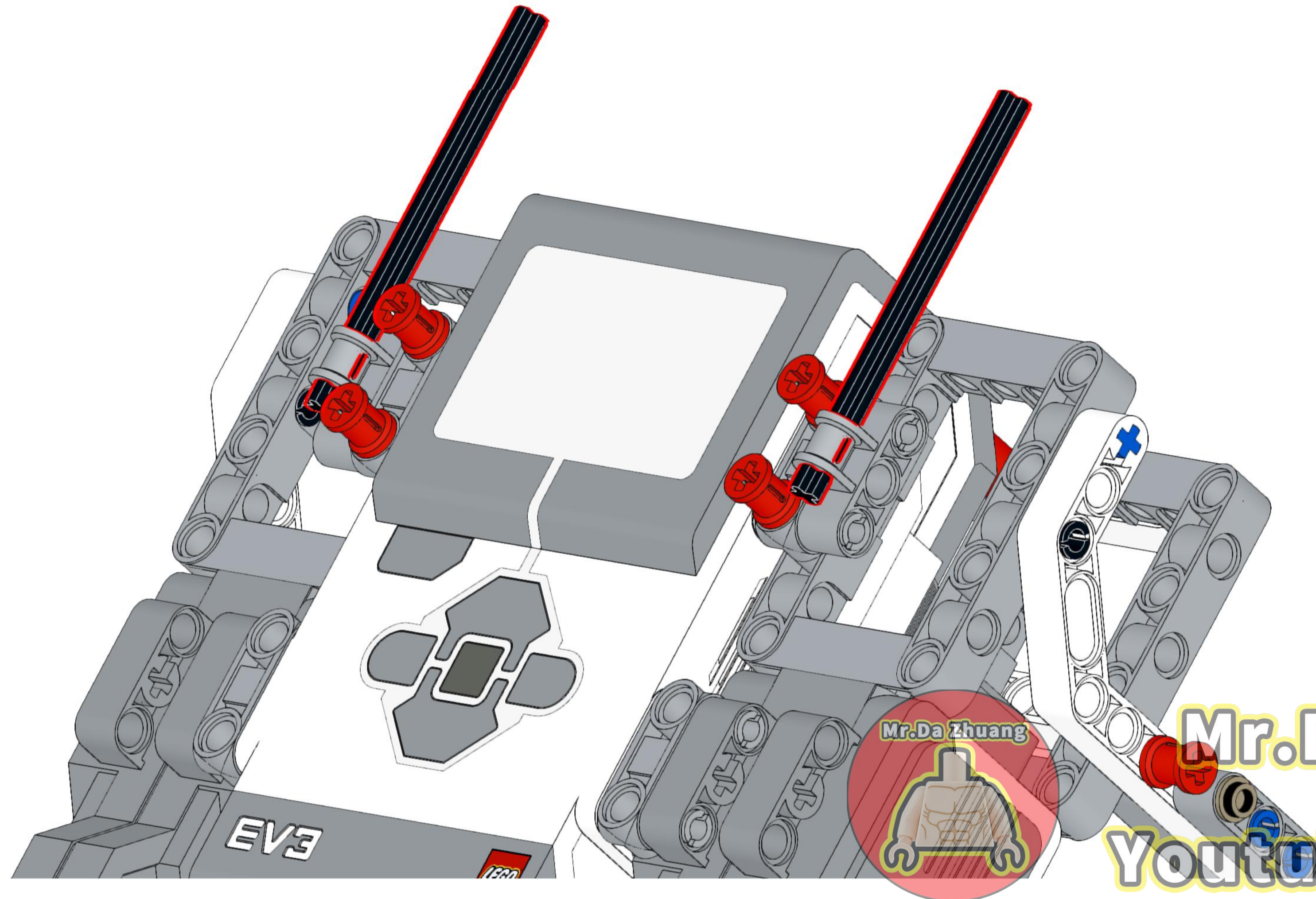
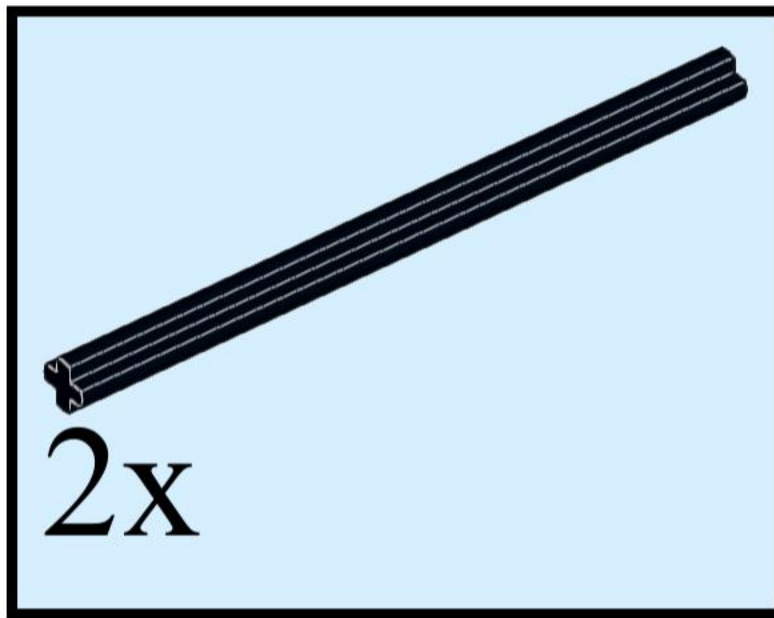
33



34



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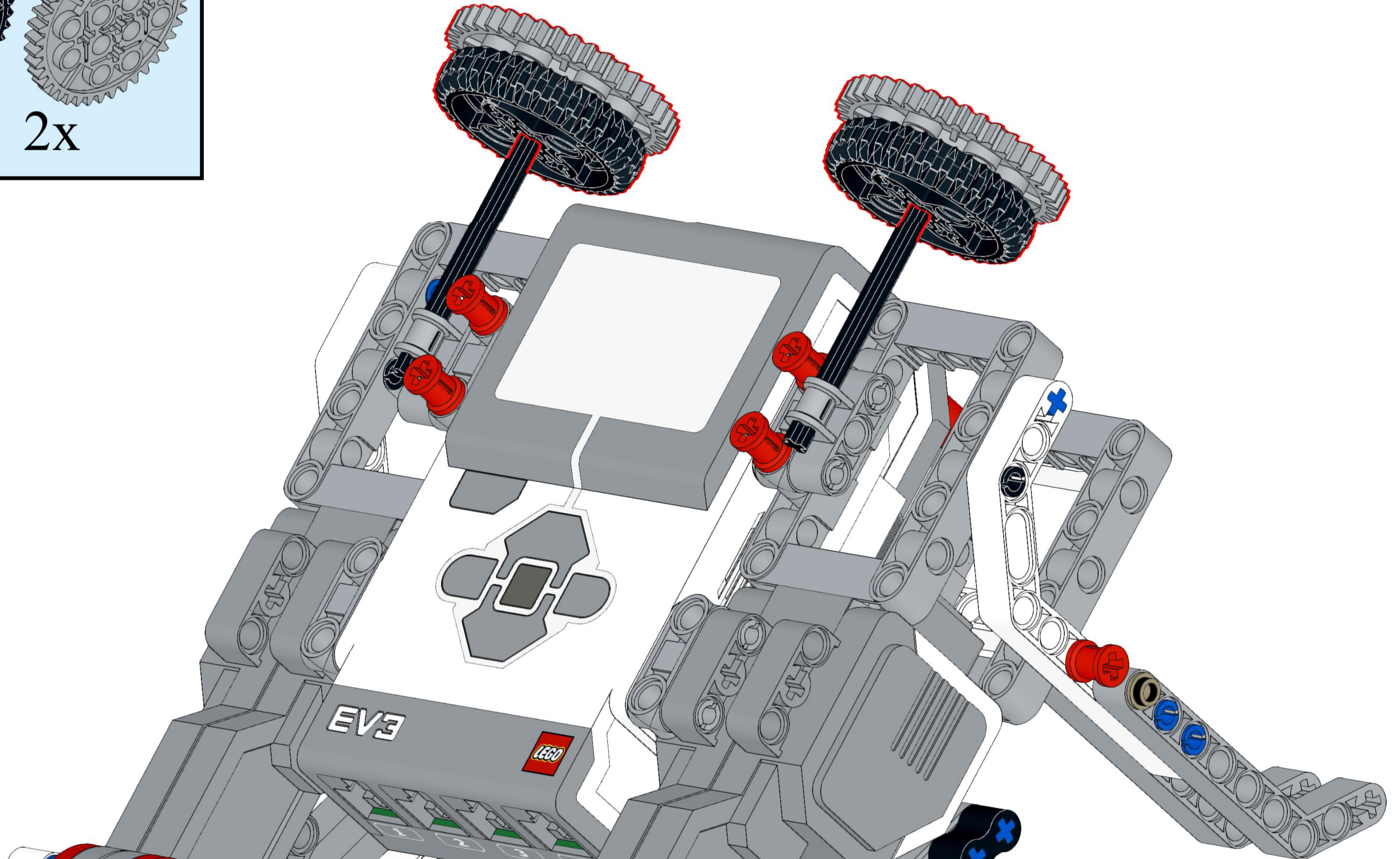
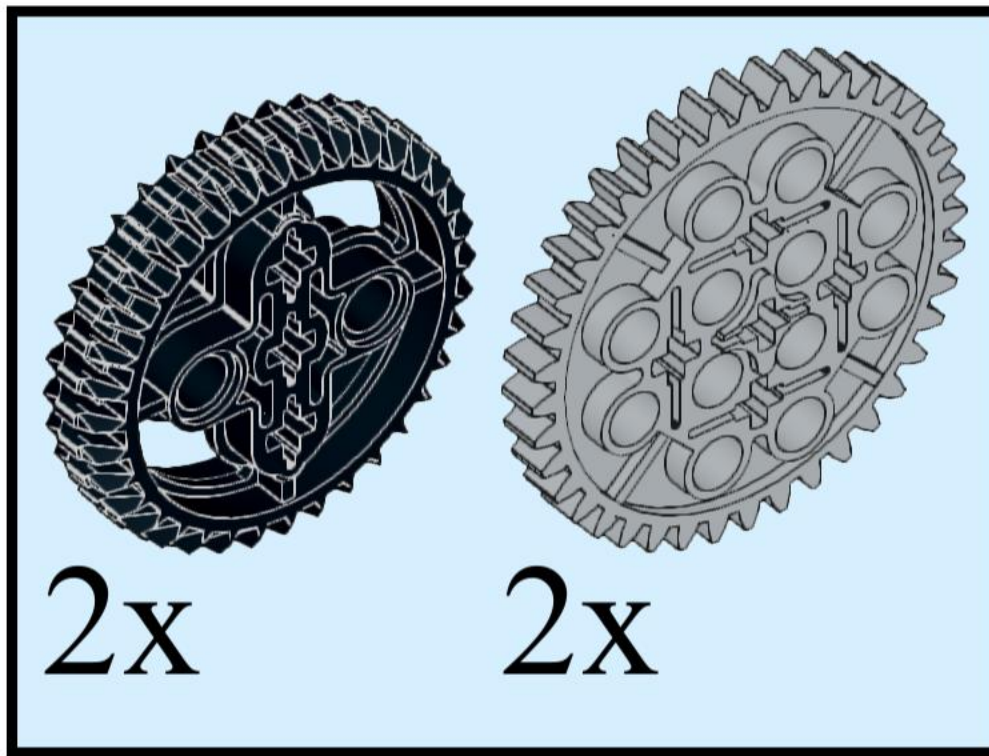
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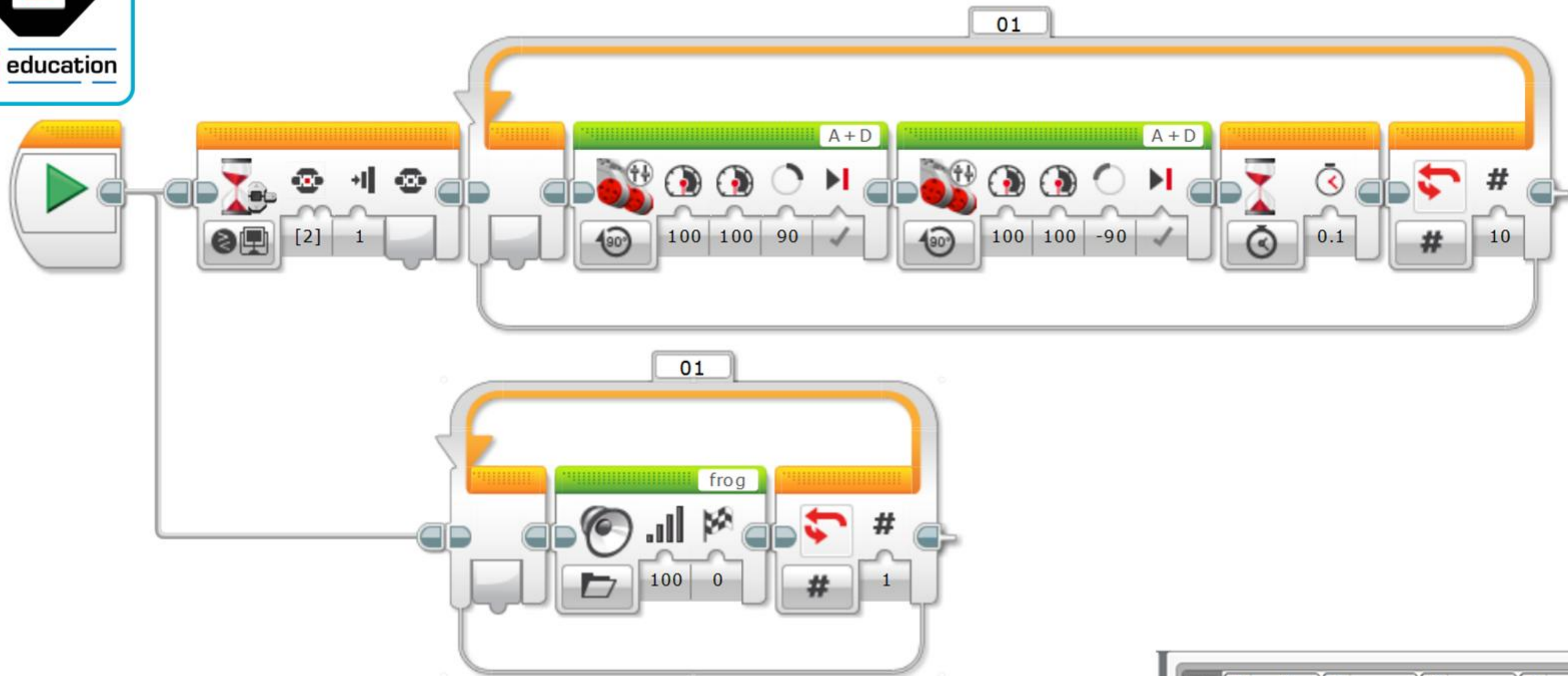
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The frog eyes can also be replaced with other Lego parts Connect and organize the motor data cables

青蛙眼睛还可以用别的乐高零件代替 连接并整理好马达数据线





	A	B	C	D	
	0			0	EV3
					
	1	2	3	4	

Project 3



Sound

MOTORS

play sound Communication / Hello

MOVEMENT

start sound Communication / Hello

DISPLAY

play beep 60 for 0.2 seconds

SOUND

start playing beep 60

EVENTS

stop all sounds

CONTROL

set volume to 100 %

SENSORS

Events

OPERATORS

when program starts

VARIABLES

3 when color is red

MY BLOCKS

1 when pressed

4 when distance is less than ()

4 when proximity is less than ()

4 when beacon 1 top left

2 when angle is less than ()

when center button pressed

FEWER CODEBLOCKS



when program starts

set movement motors to A and D

set movement speed to 100 %

wait until center button is pressed

repeat 10

move forward for 90 degrees

move backward for 90 degrees

wait 0.1 seconds

stop and exit program





Mr. Da Zhuang

Youtube  **me!**