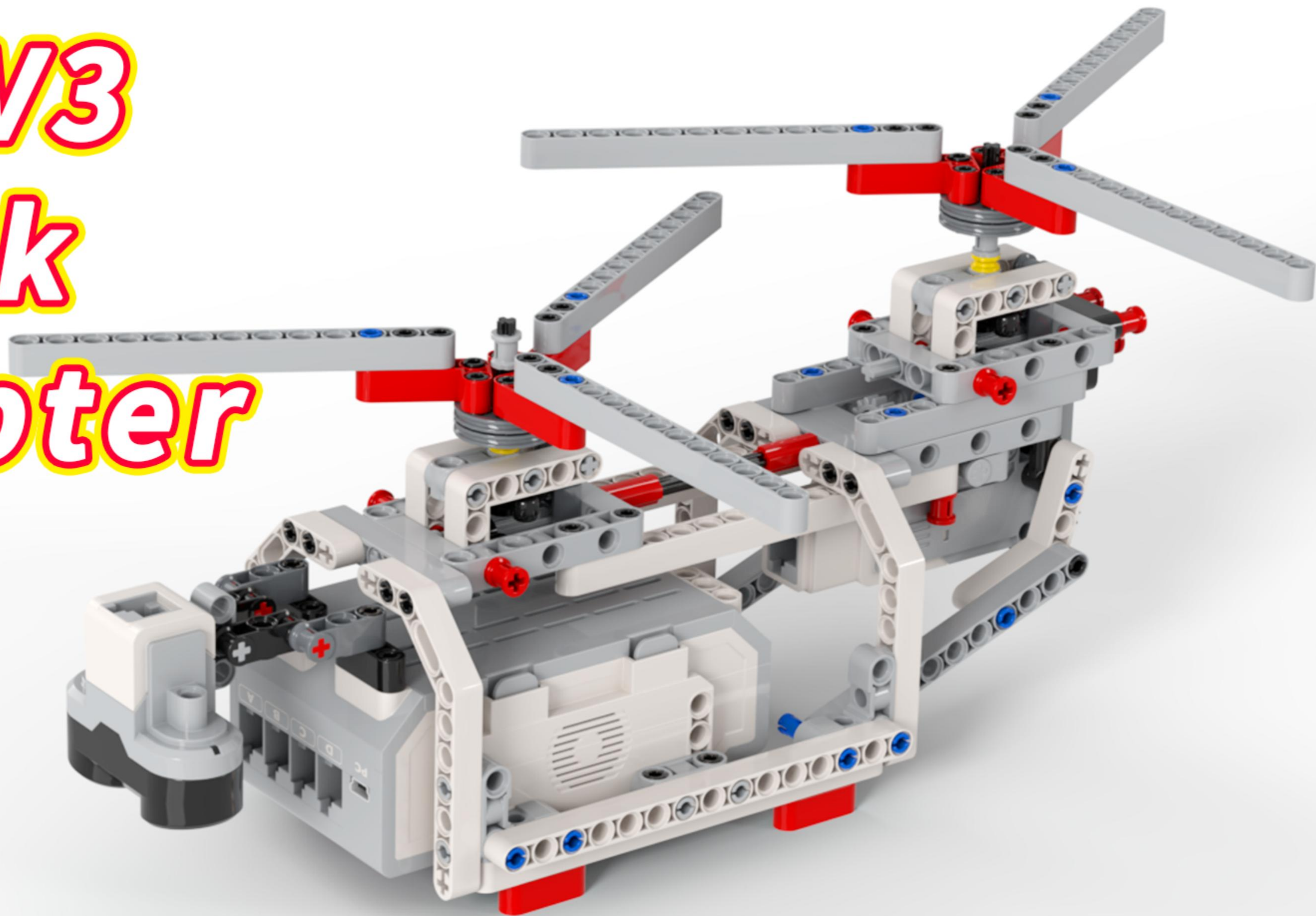


Lego EV3 Chinook Helicopter





64x
6279875
1x
4552347



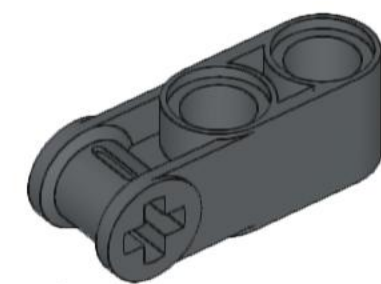
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1x
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3x
370626



2x
6276951
2x
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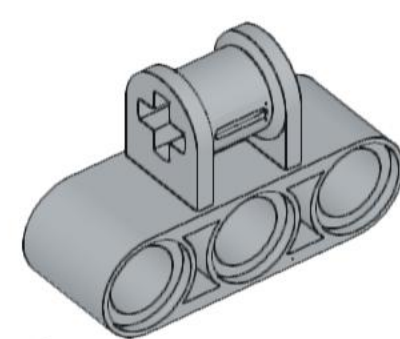
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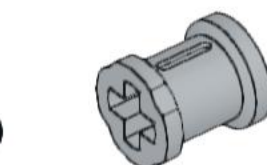
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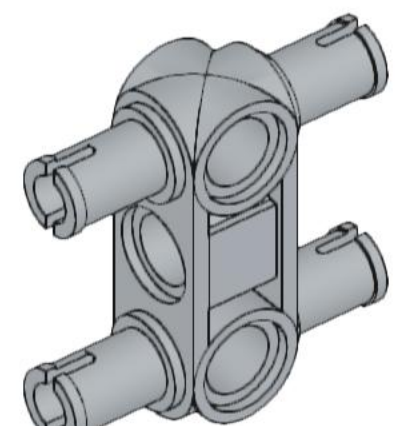
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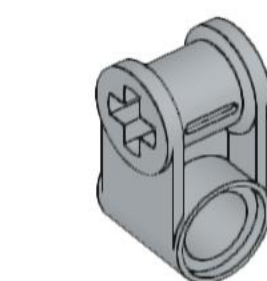
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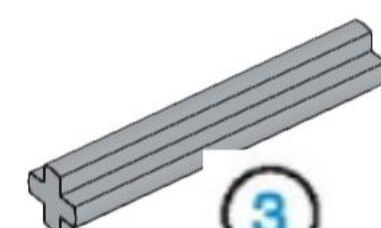
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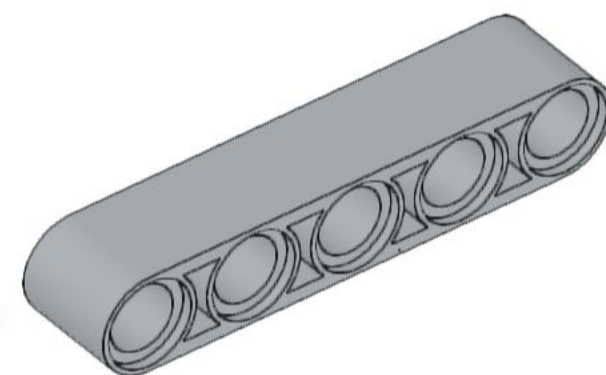
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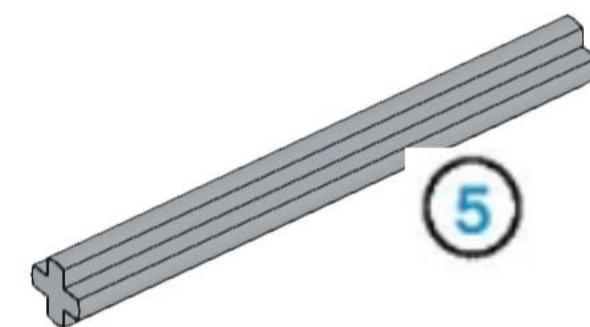
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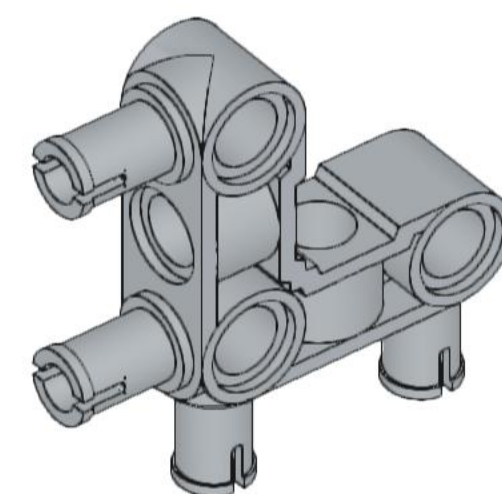
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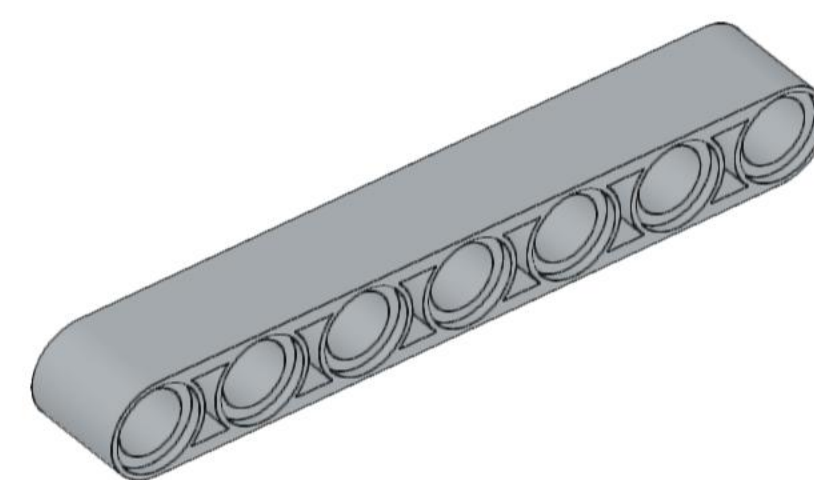
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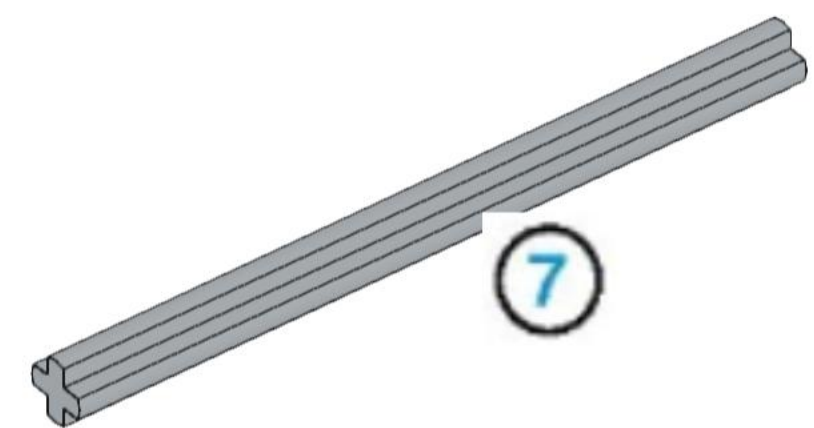
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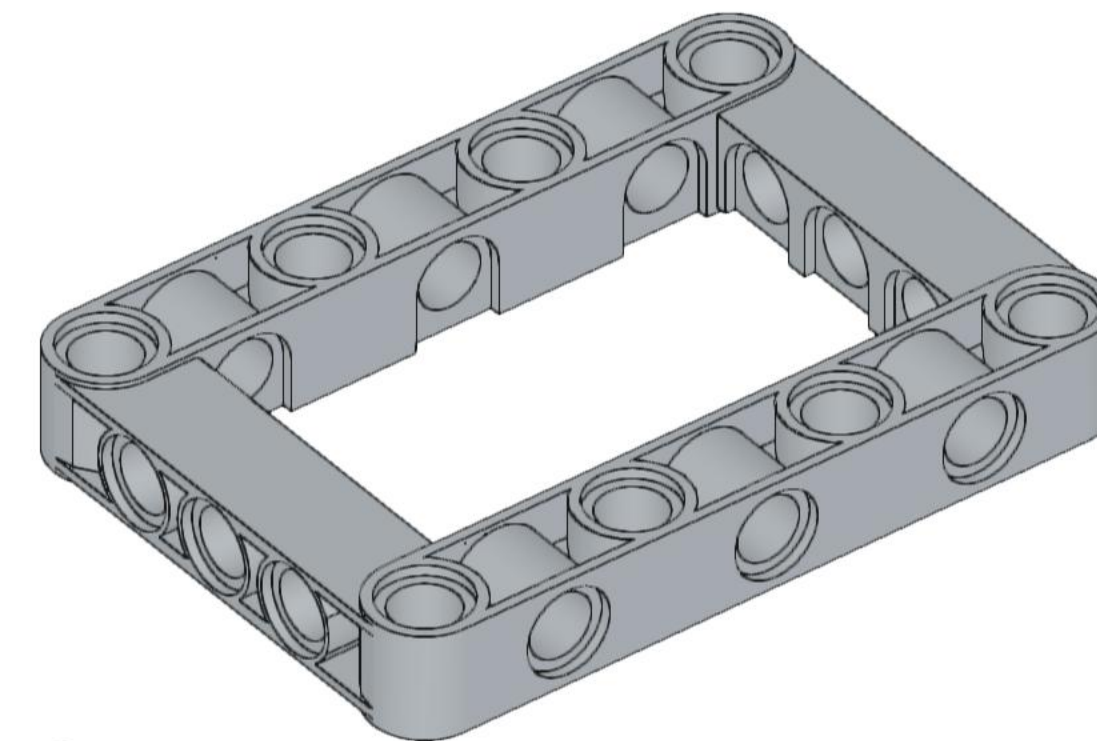
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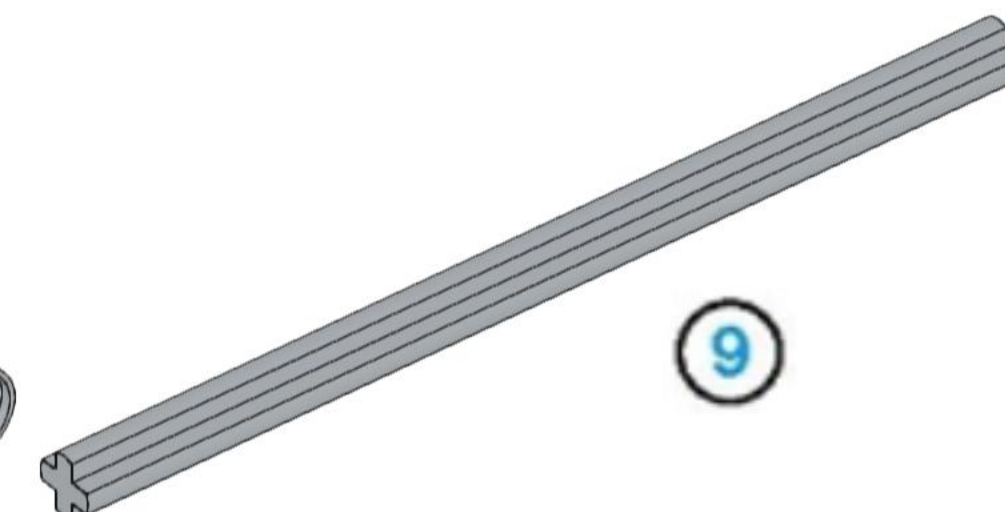
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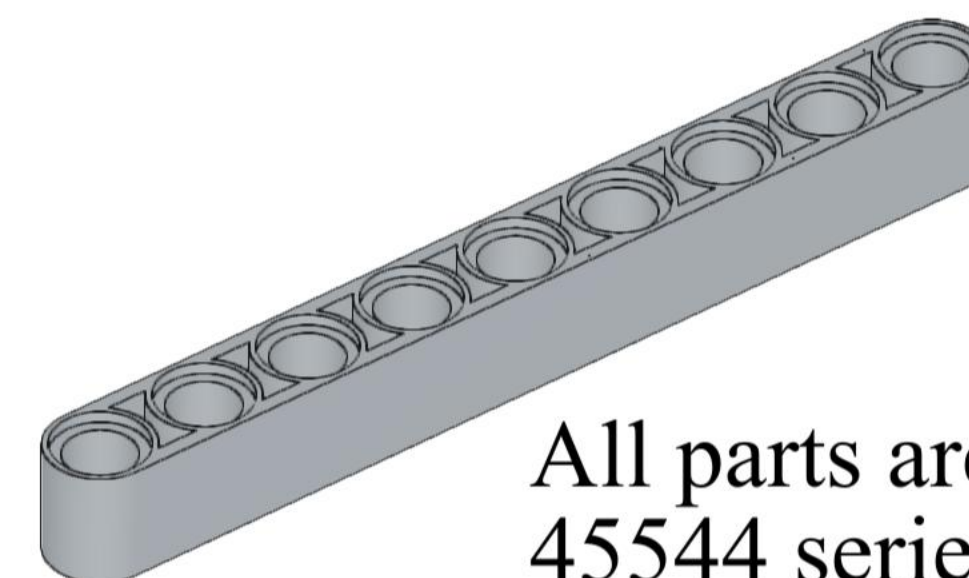
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3x
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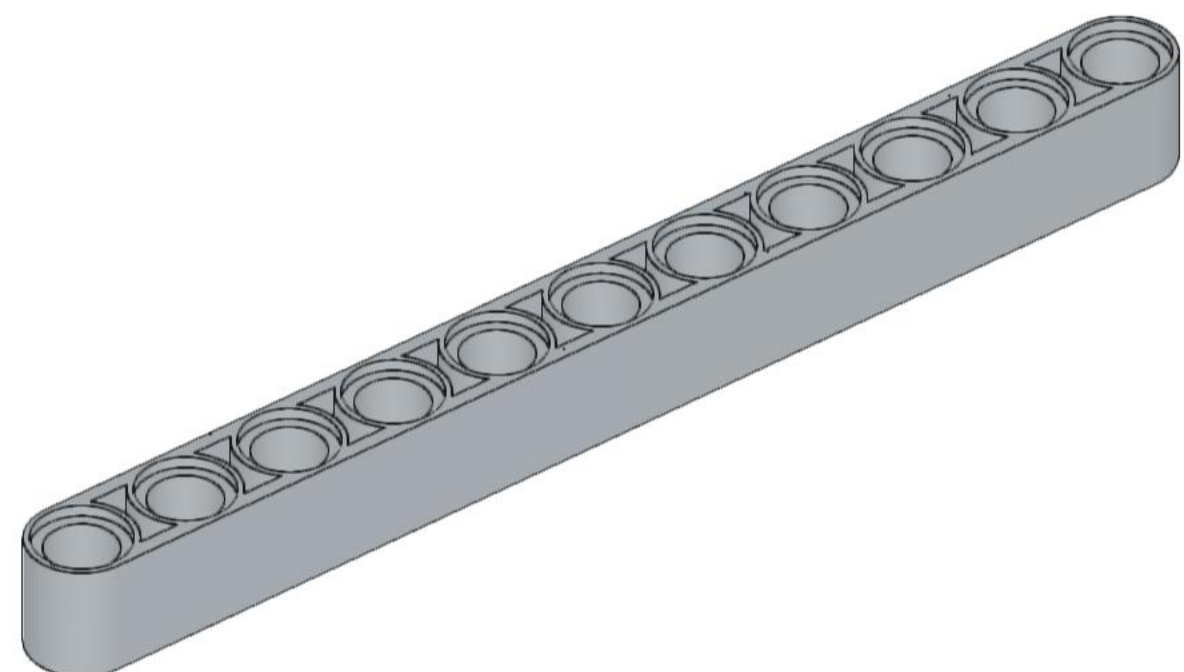
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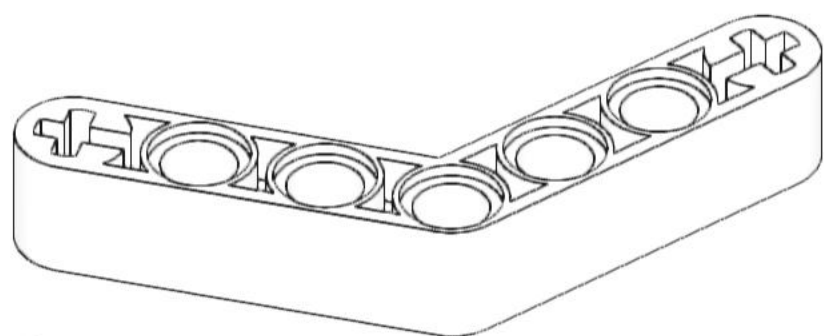
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All parts are from the LEGO EV3
45544 series

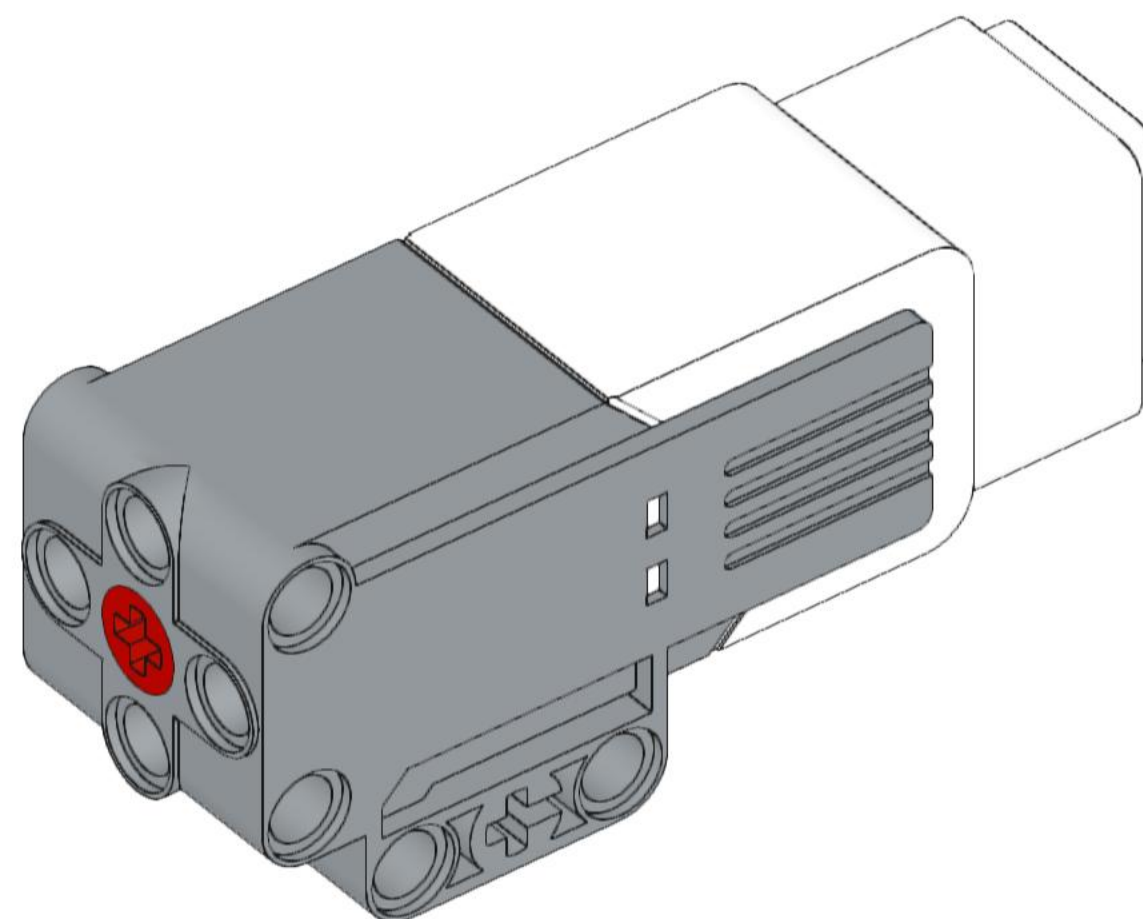
所有零件都来自于乐高EV3 4554
4系列



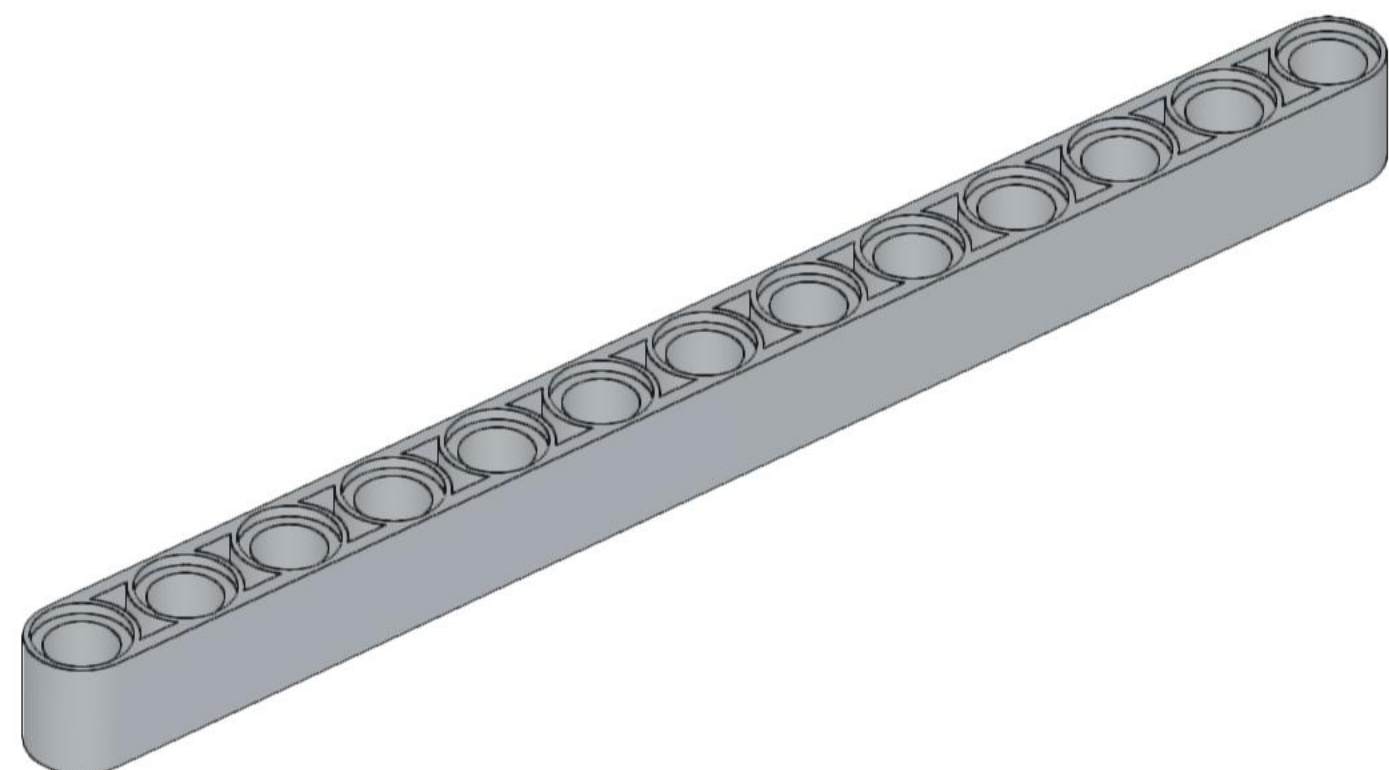
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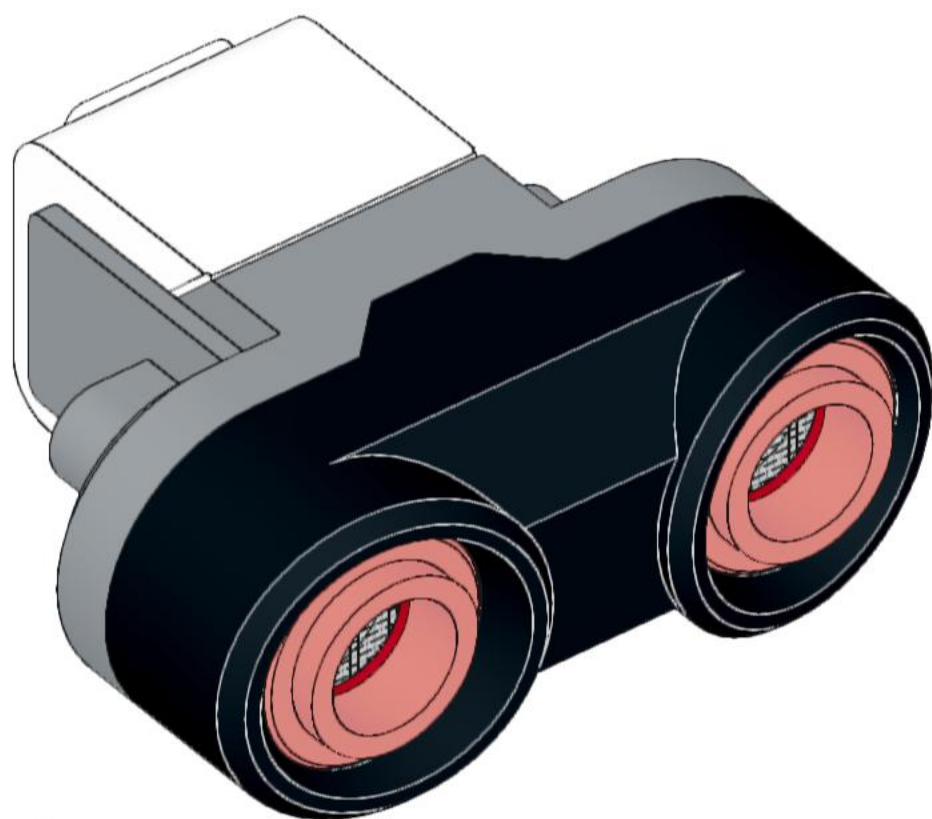
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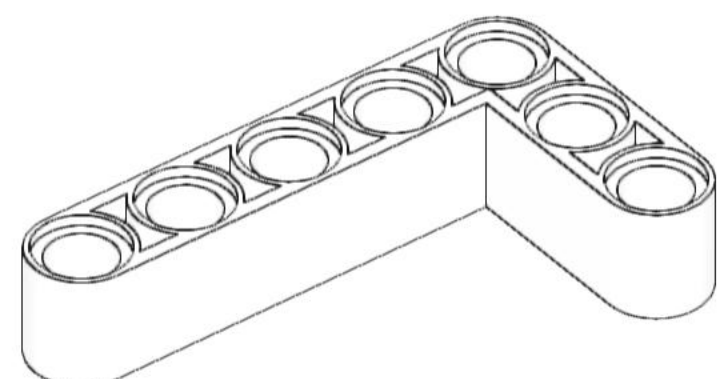
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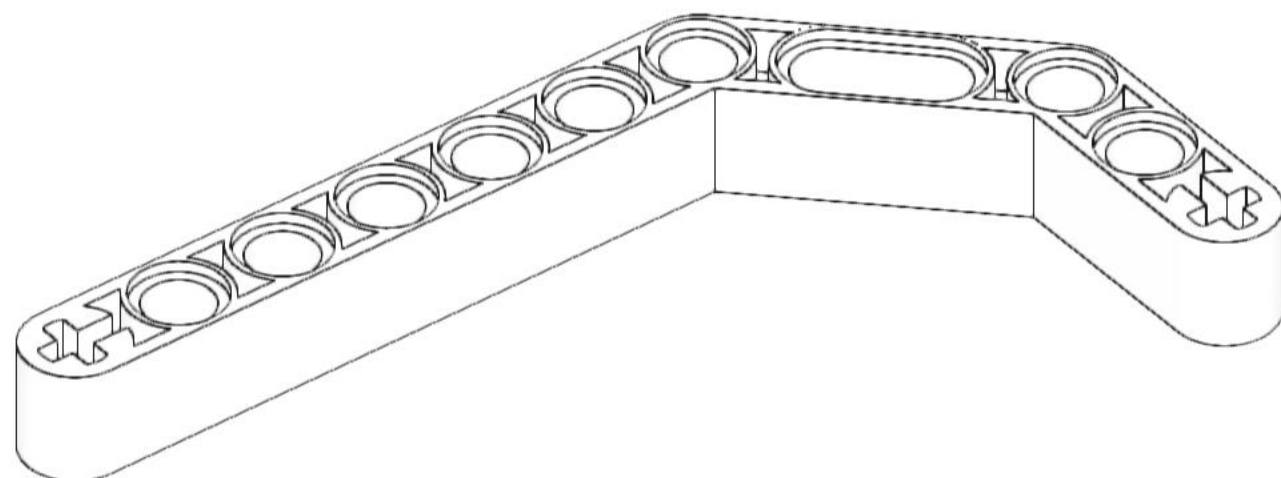
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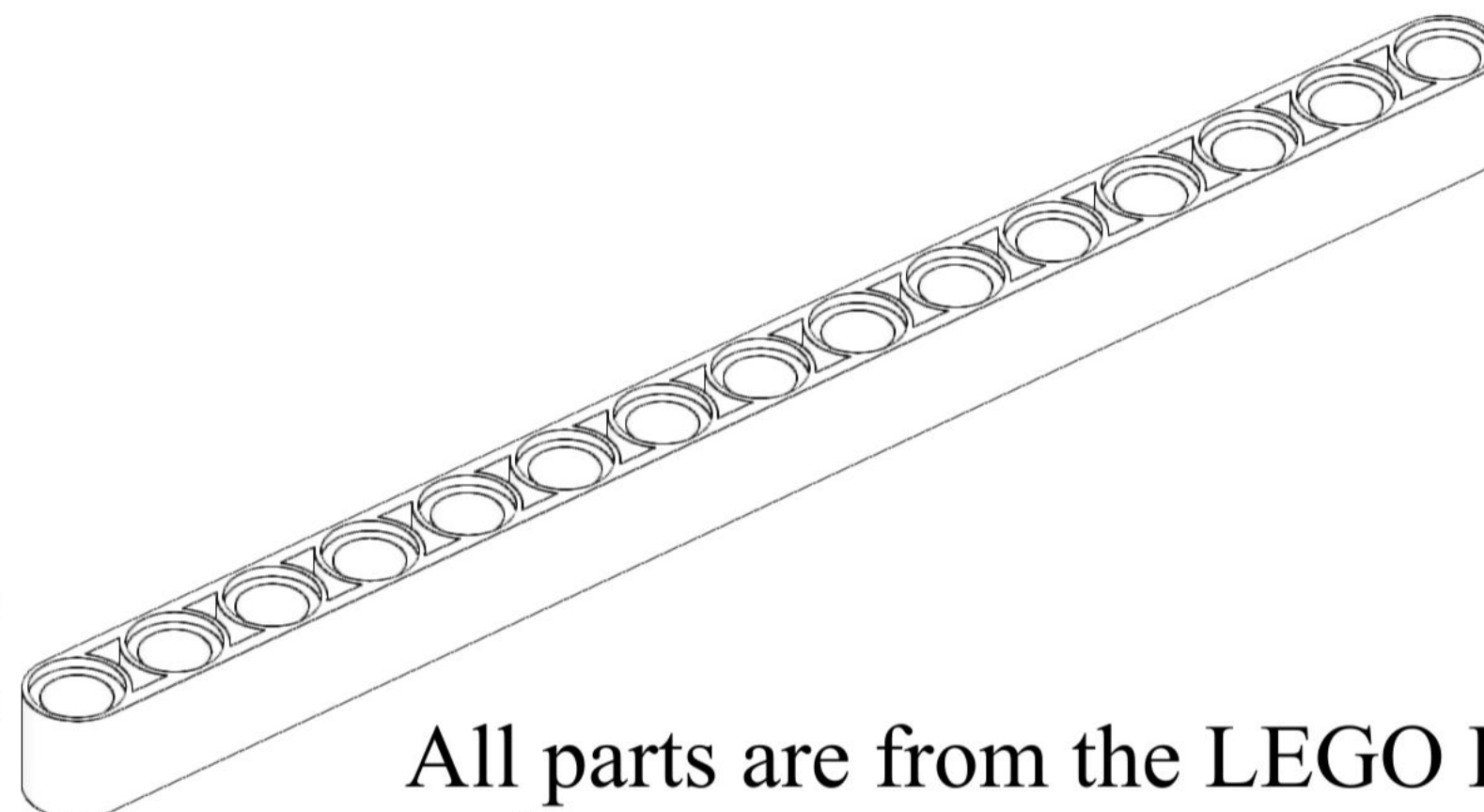
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4x
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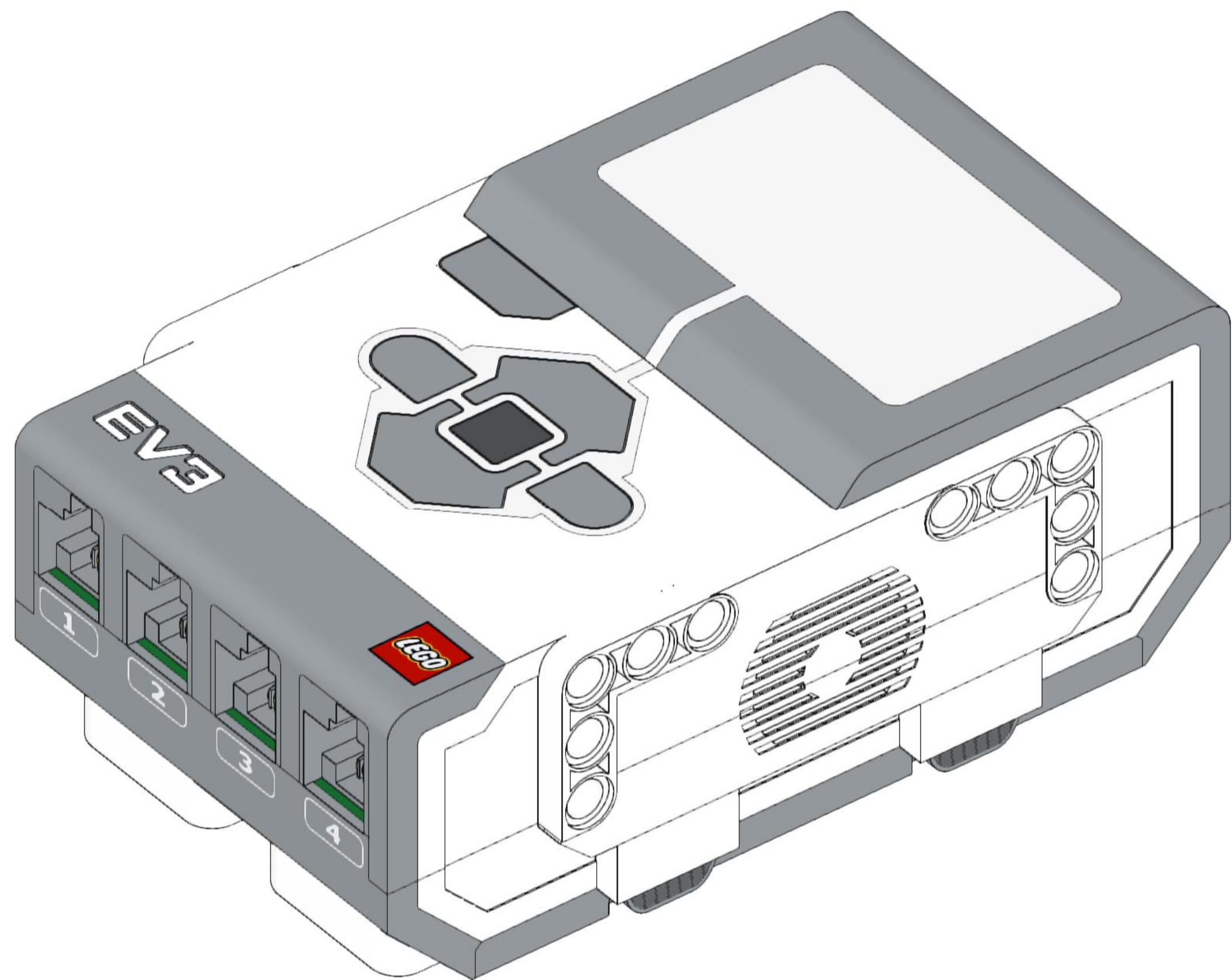
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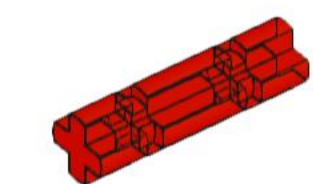
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All parts are from the LEGO EV3 45544 series

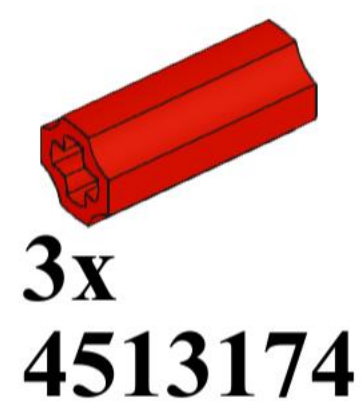
所有零件都来自于乐高EV3 45544系列



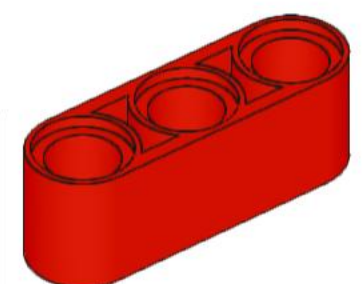
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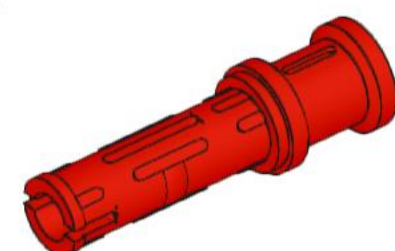
2x
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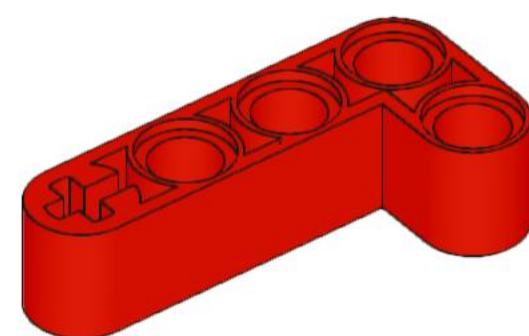
3x
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4x
4153718



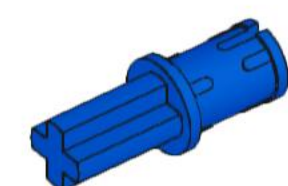
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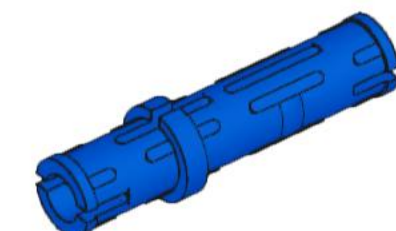
6x
6271827



2x
6271167



10x
4309323

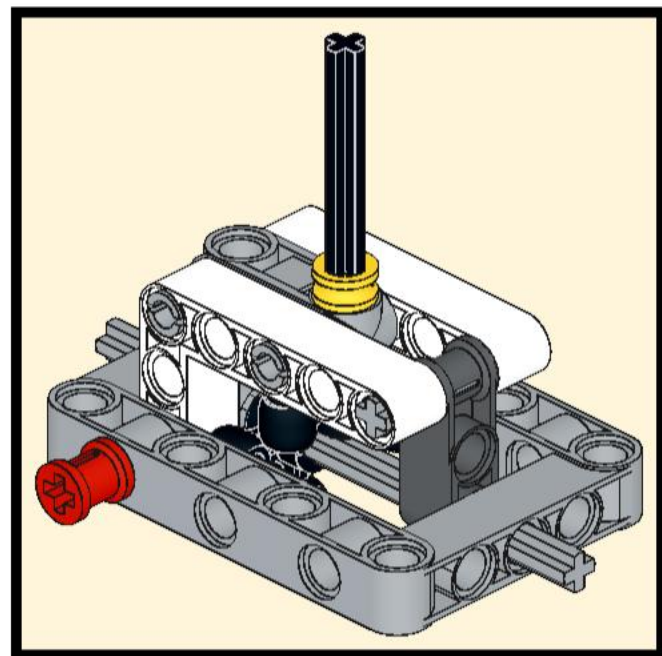
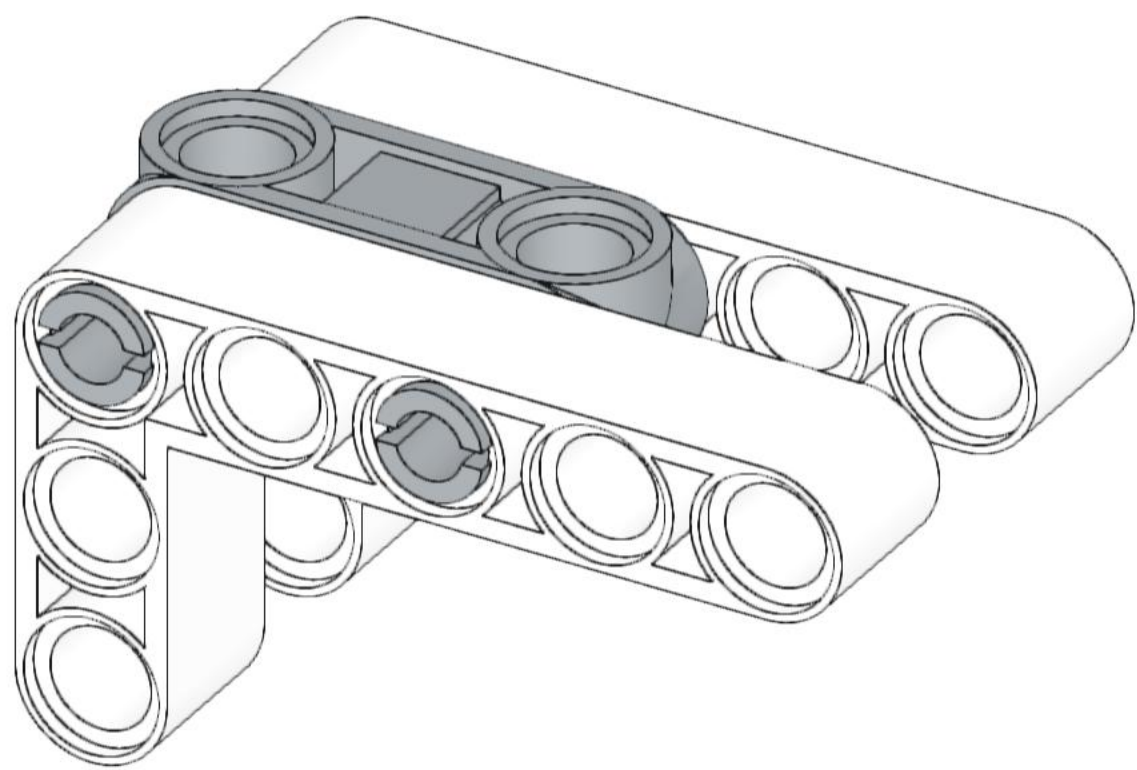
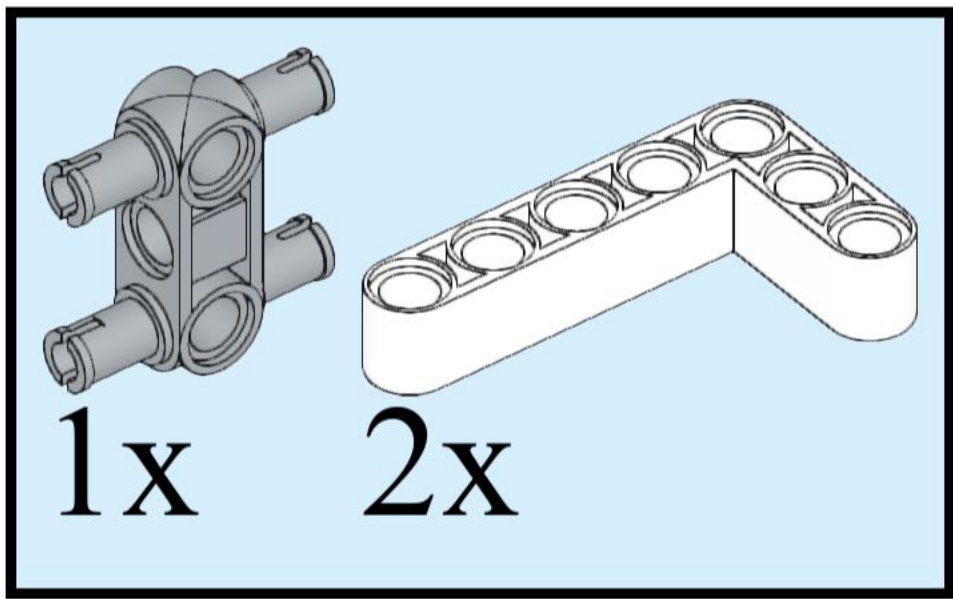


16x
6299413

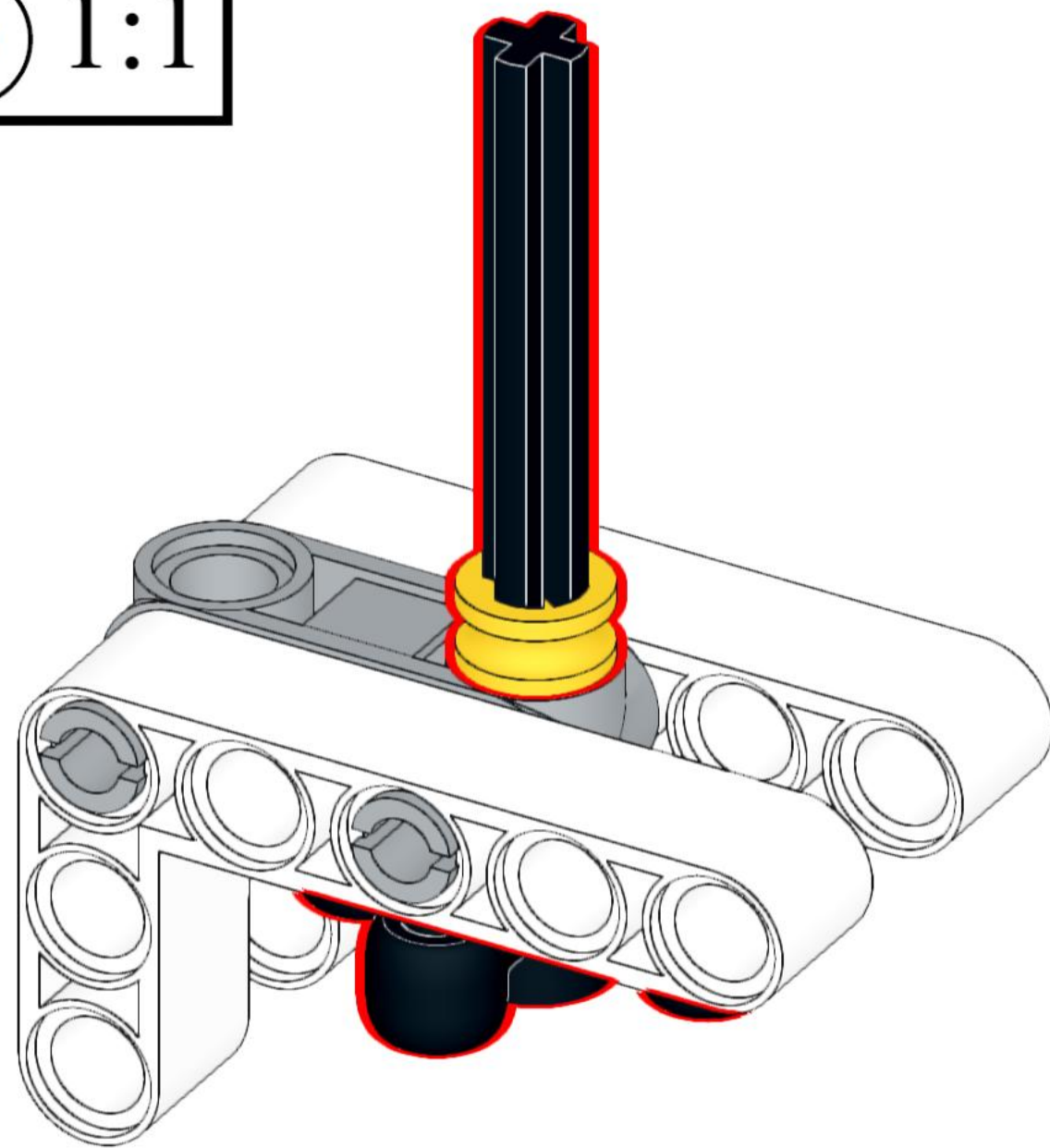
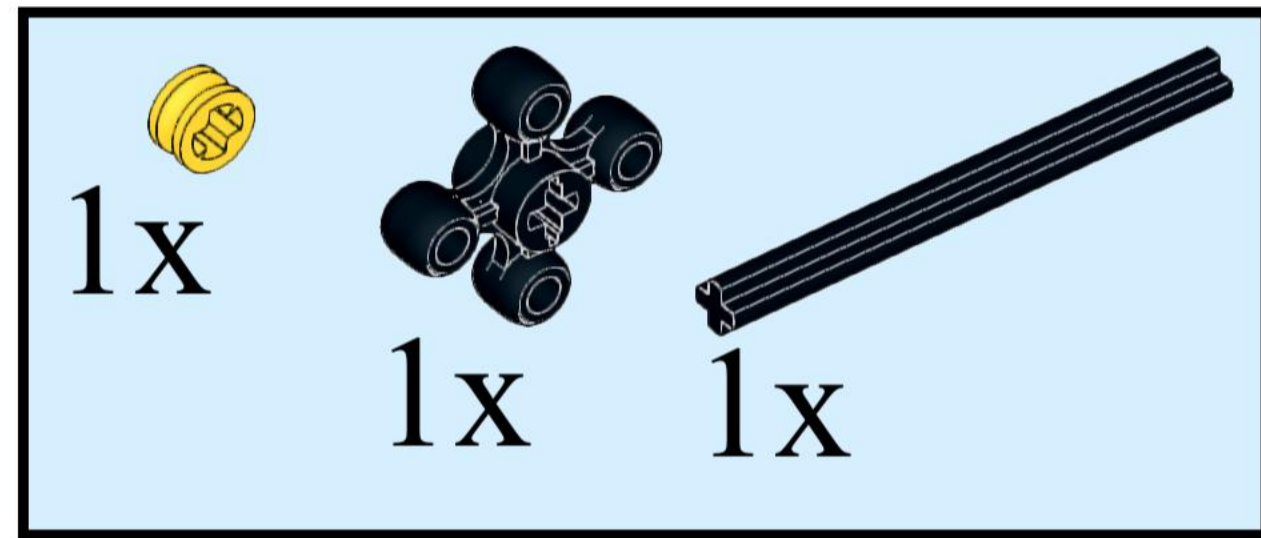
All parts are from the LEGO EV3
45544 series

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列

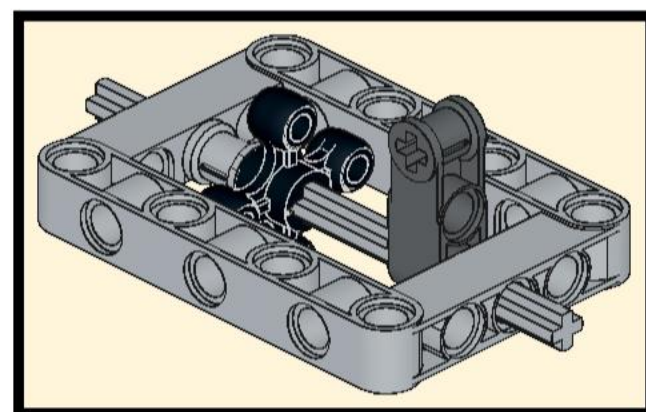
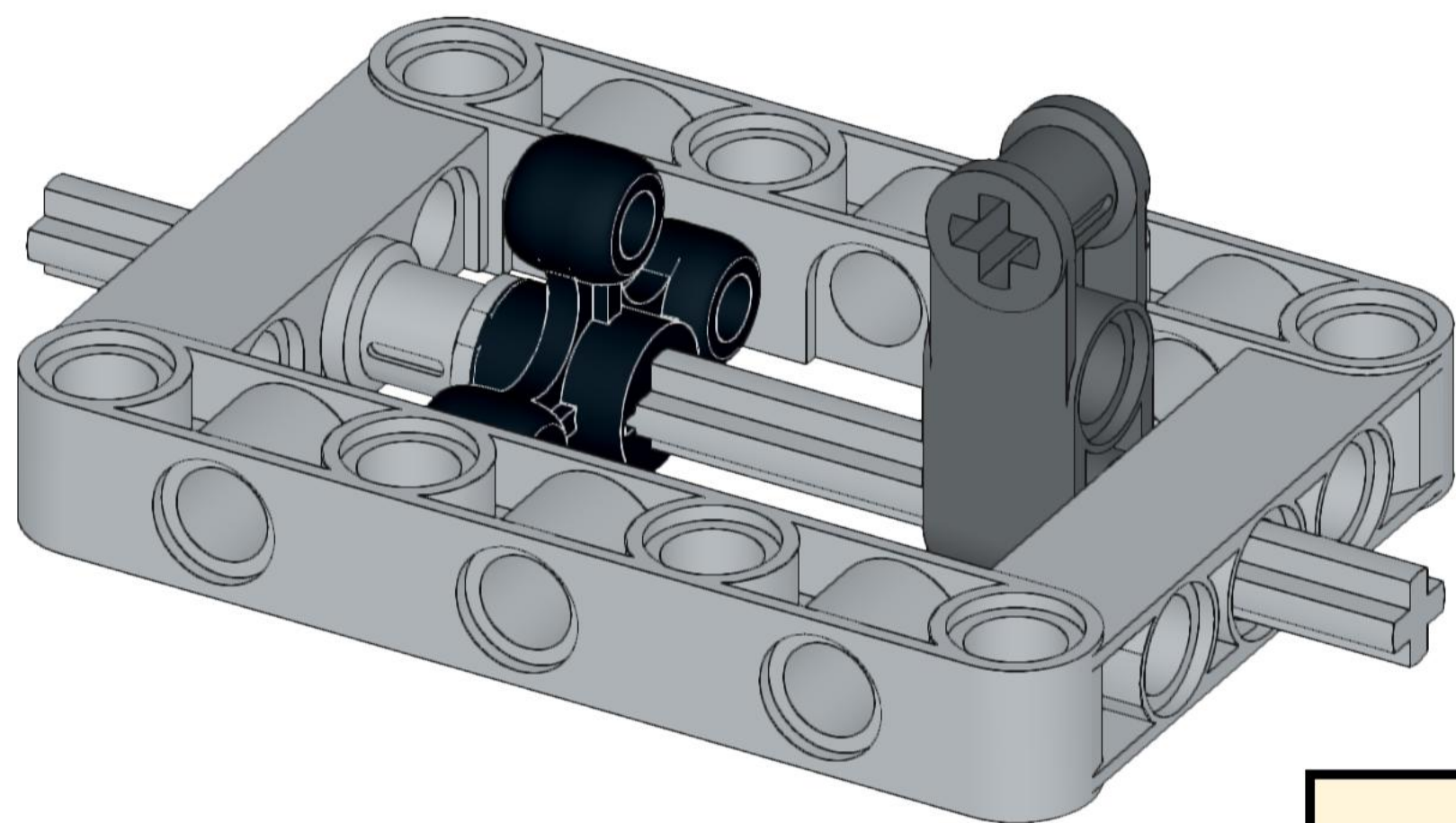
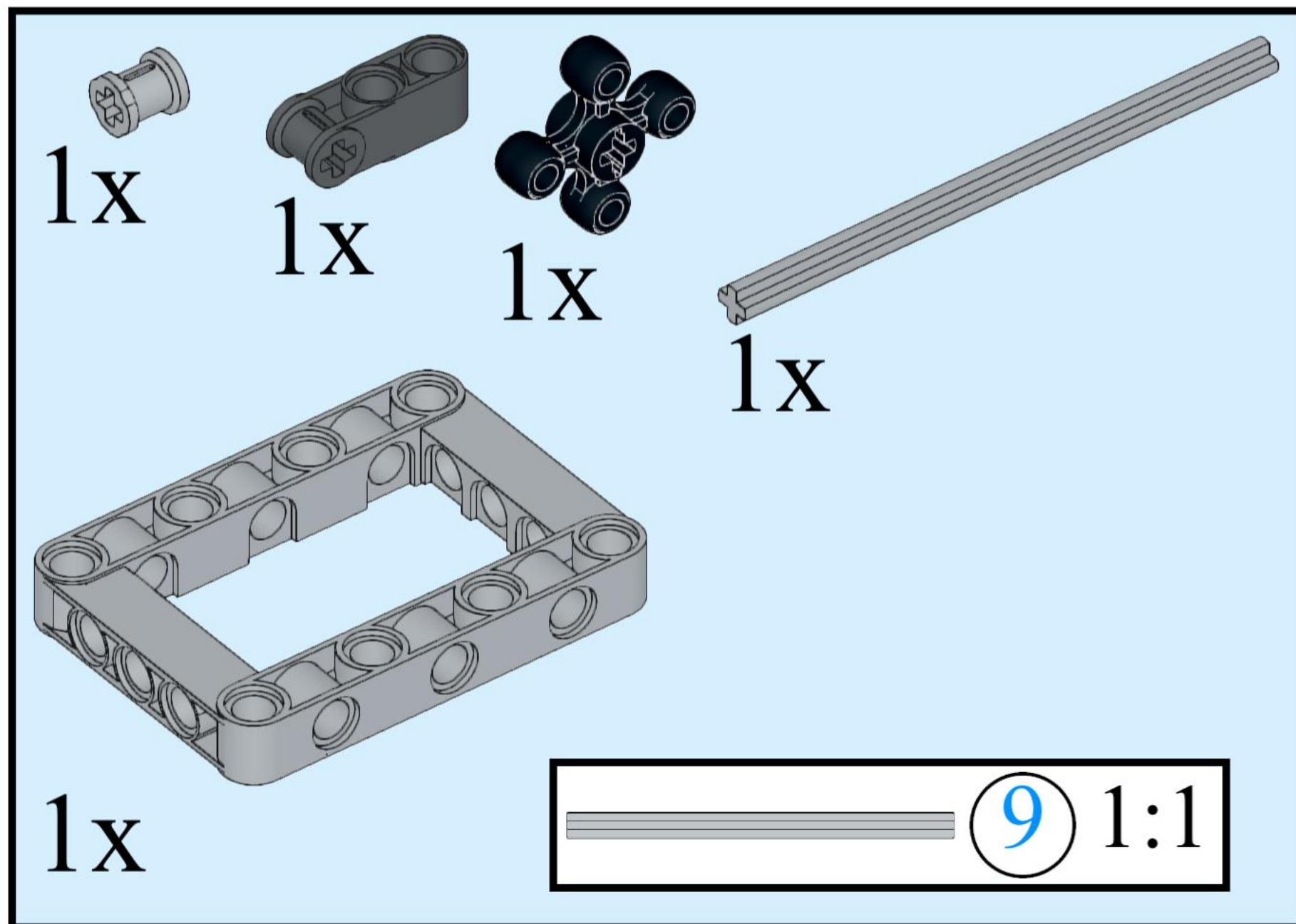
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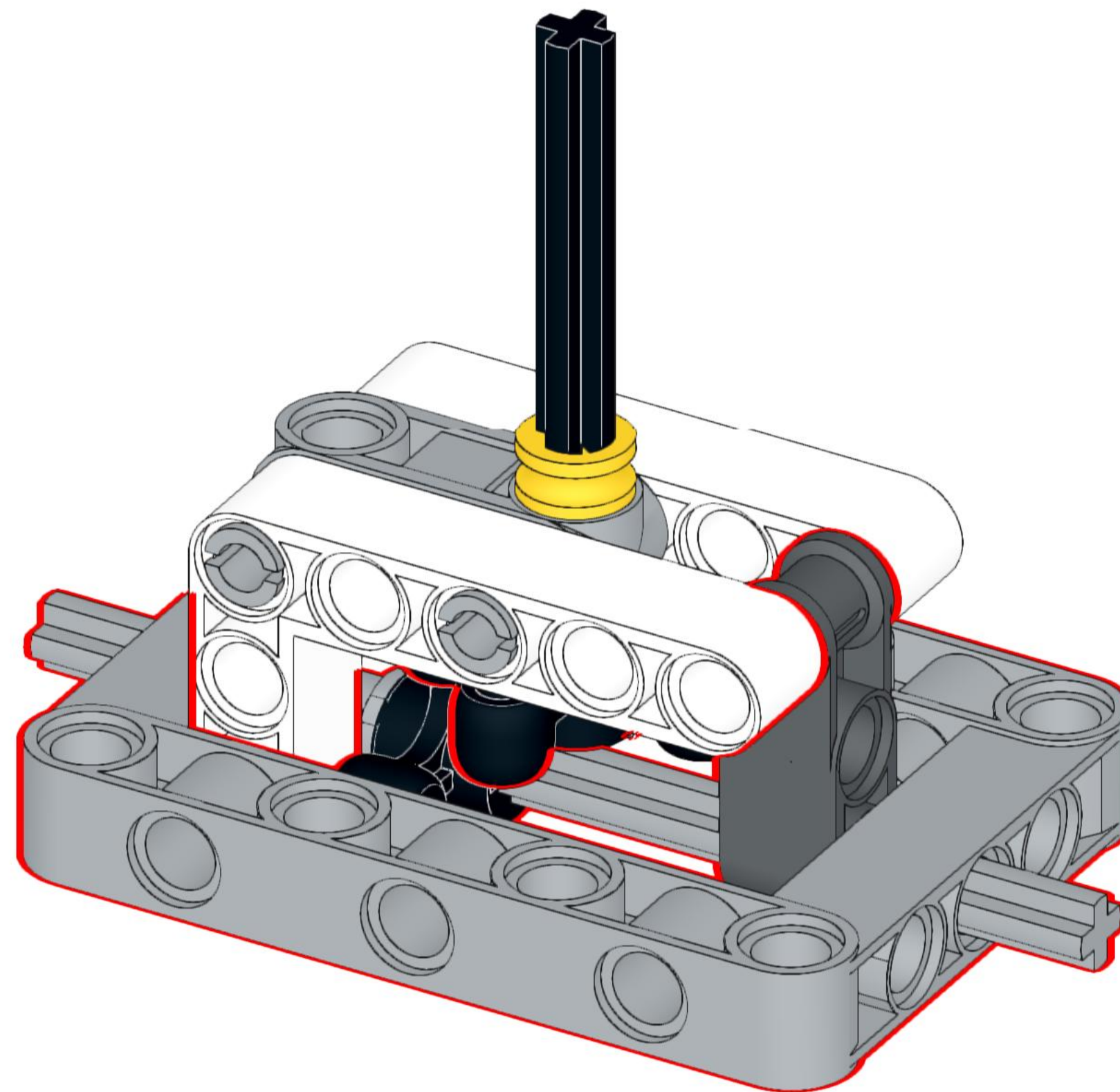
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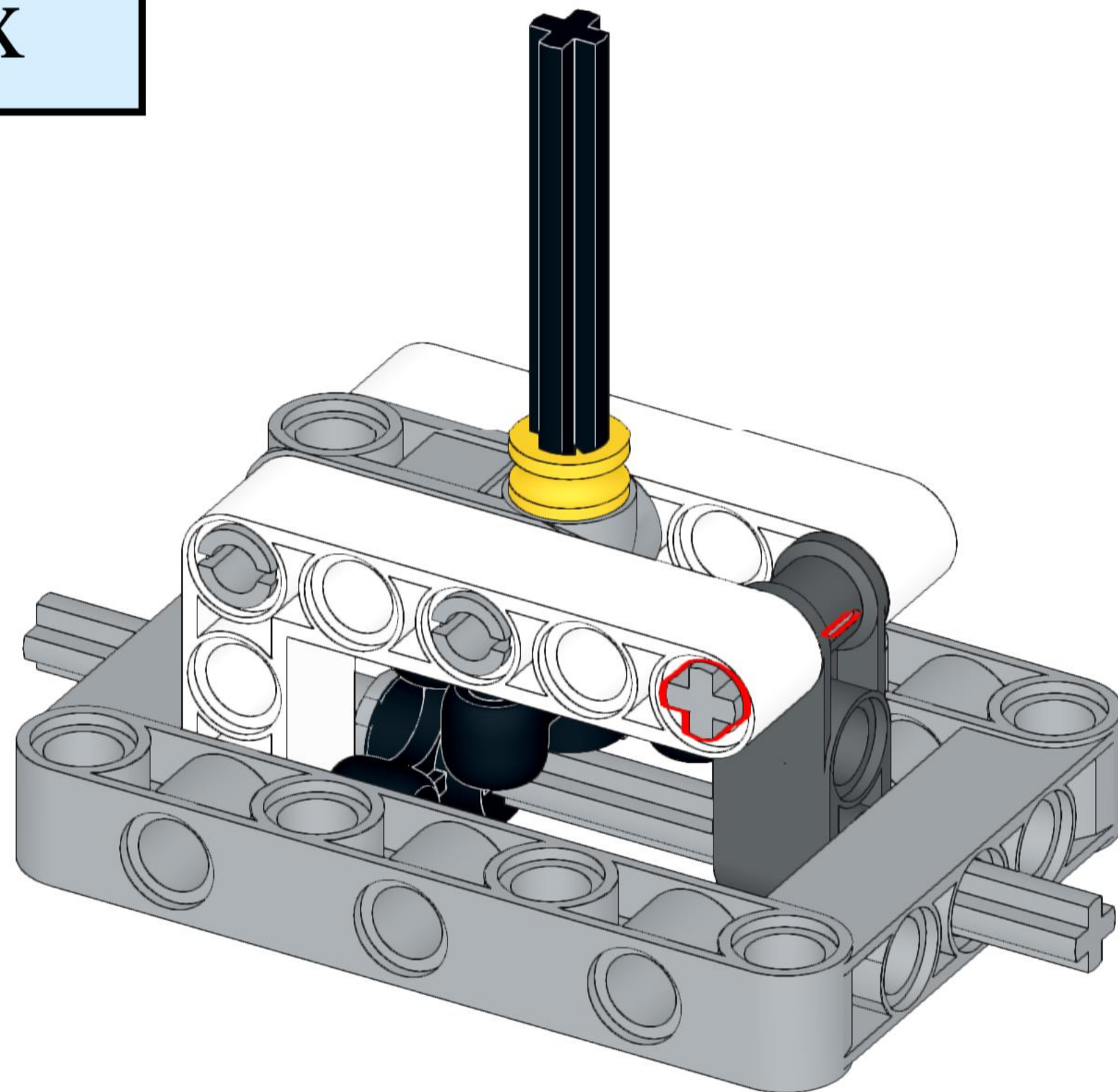
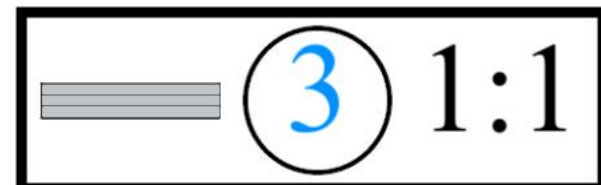
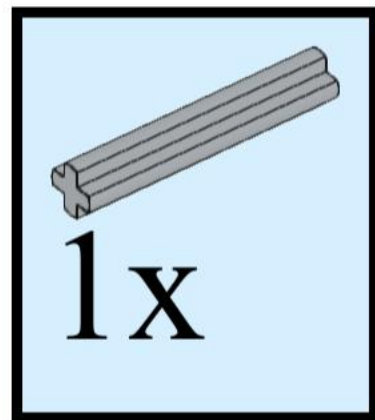
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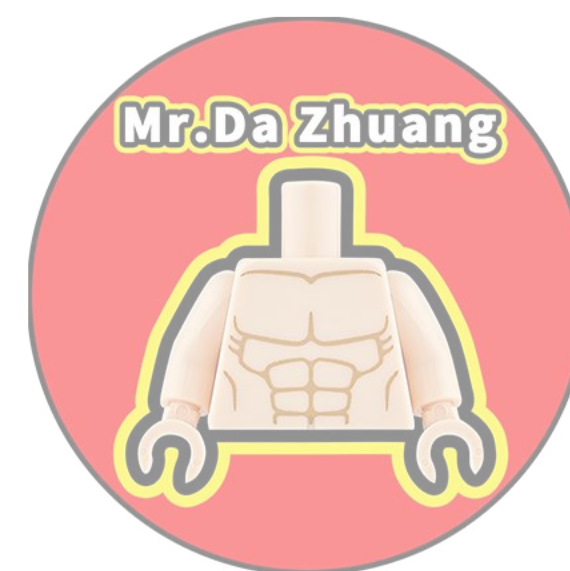
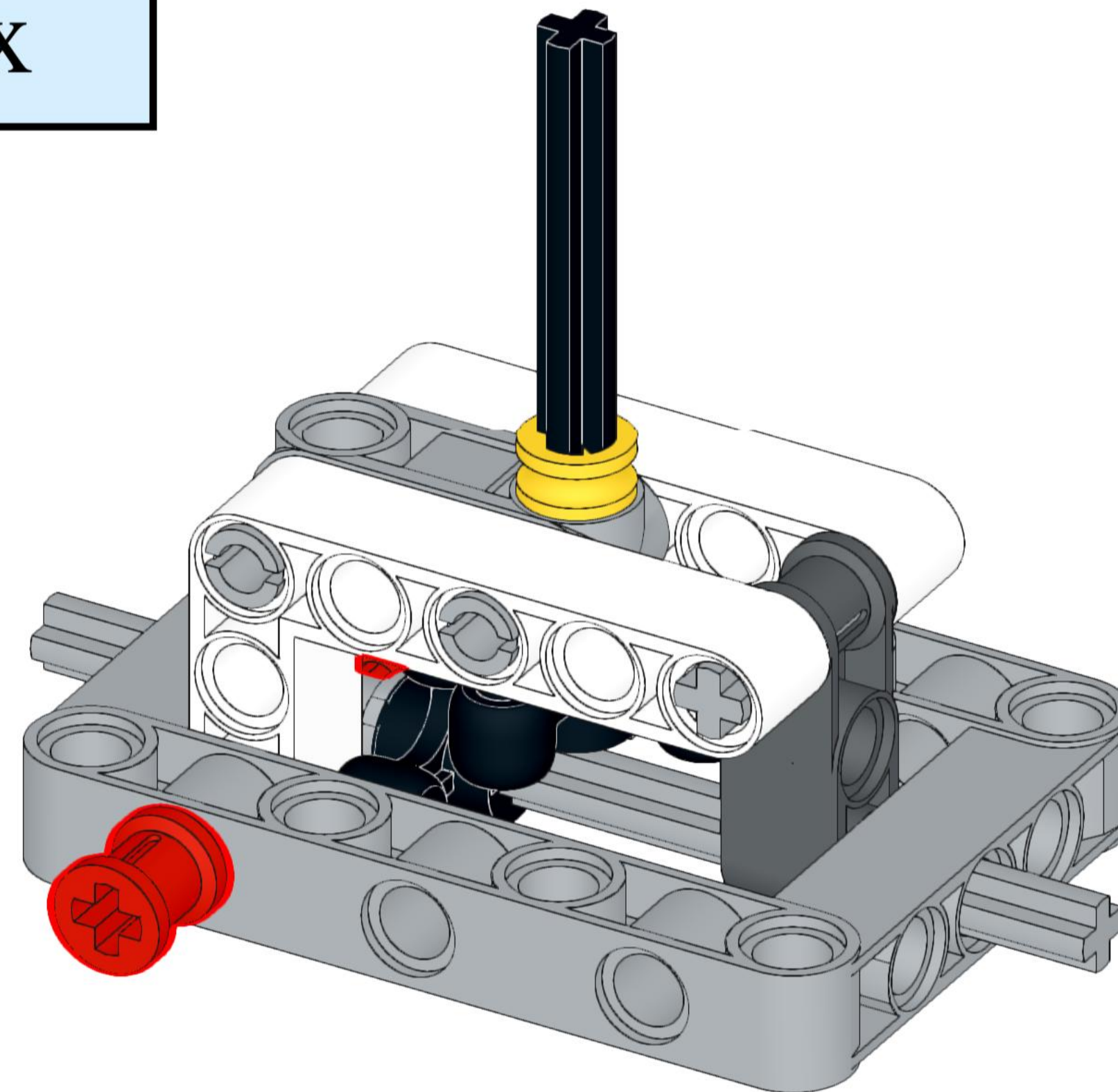
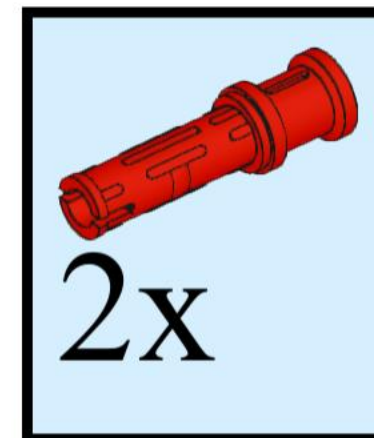
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5



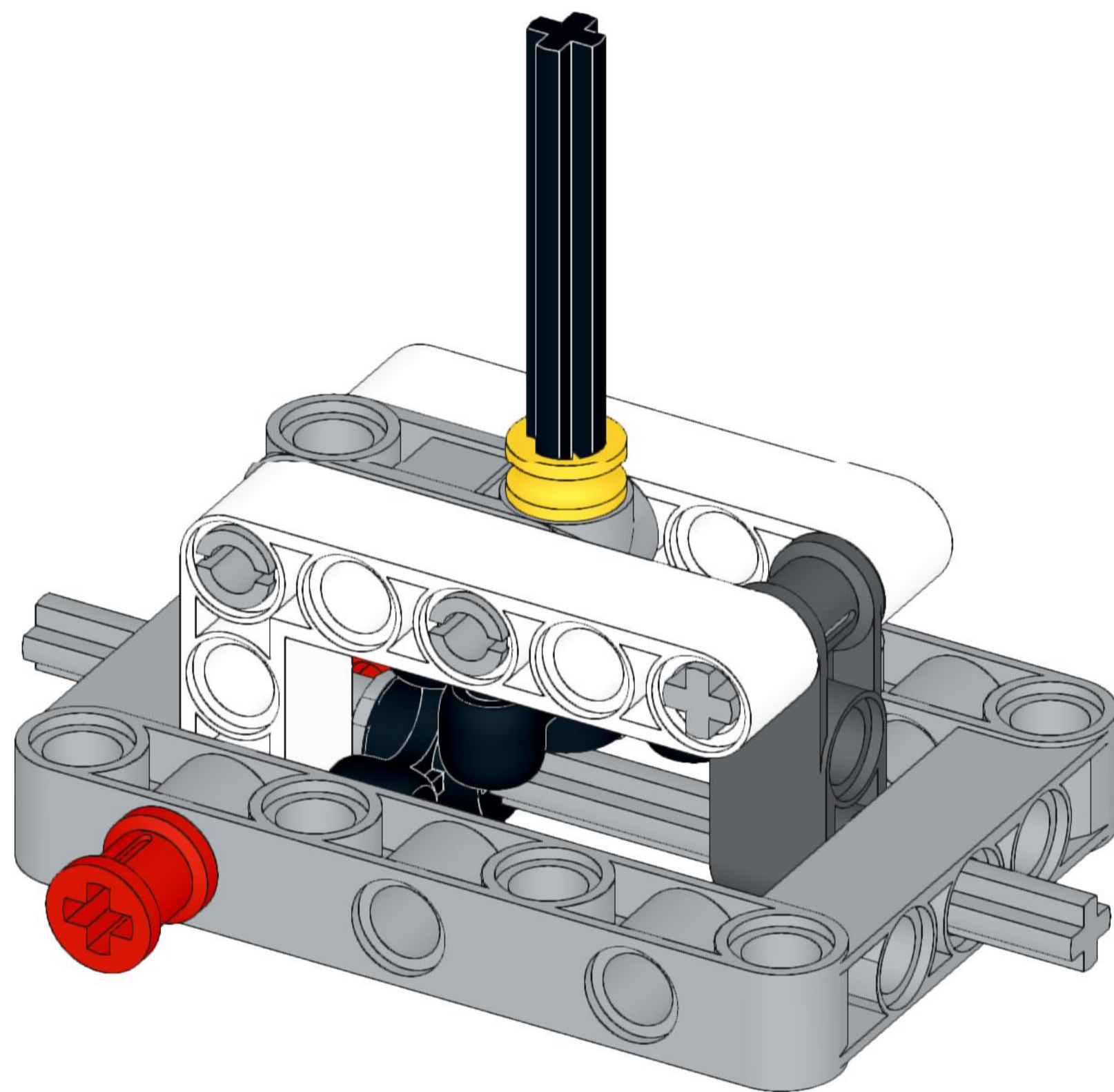
6



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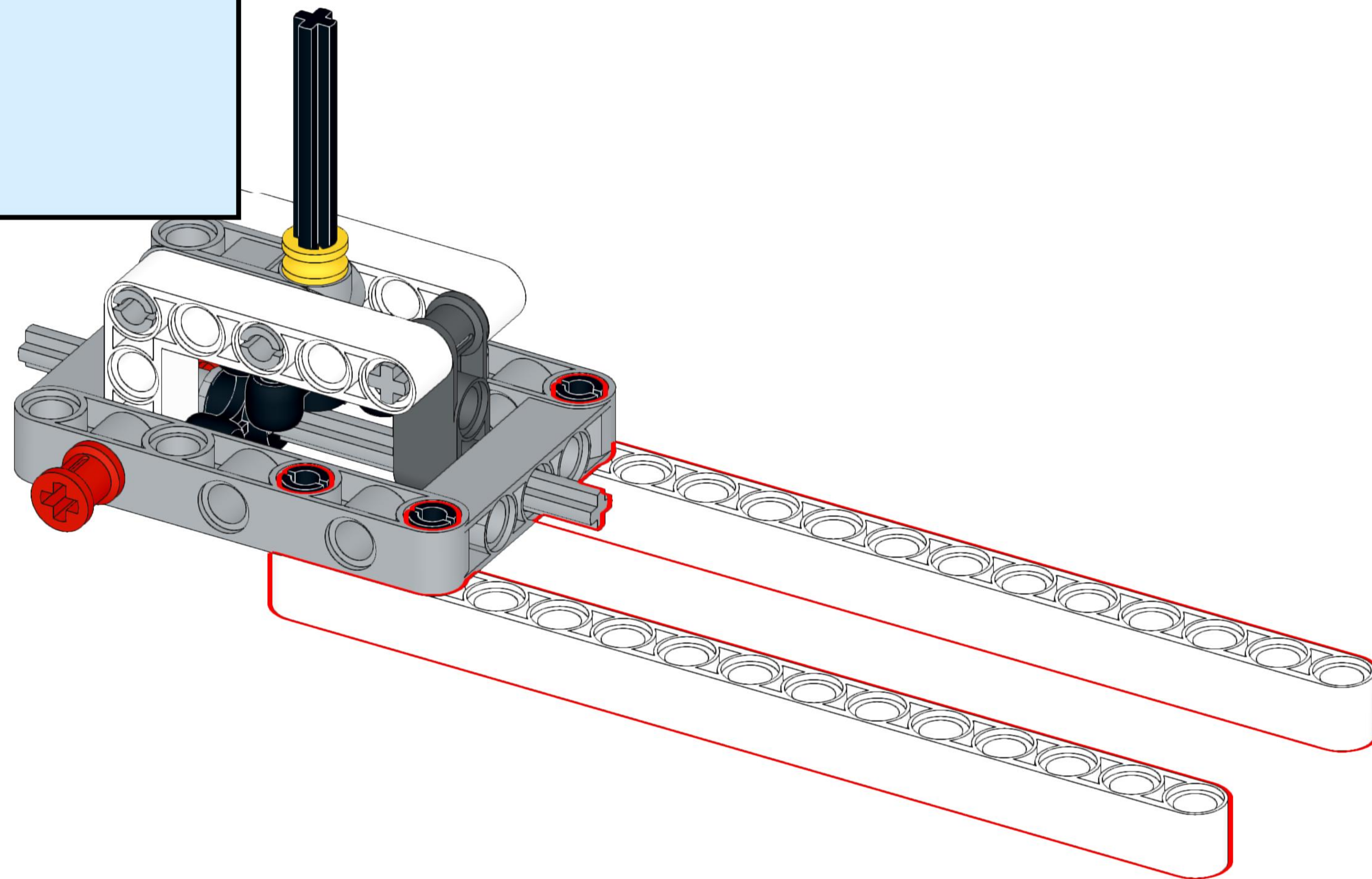
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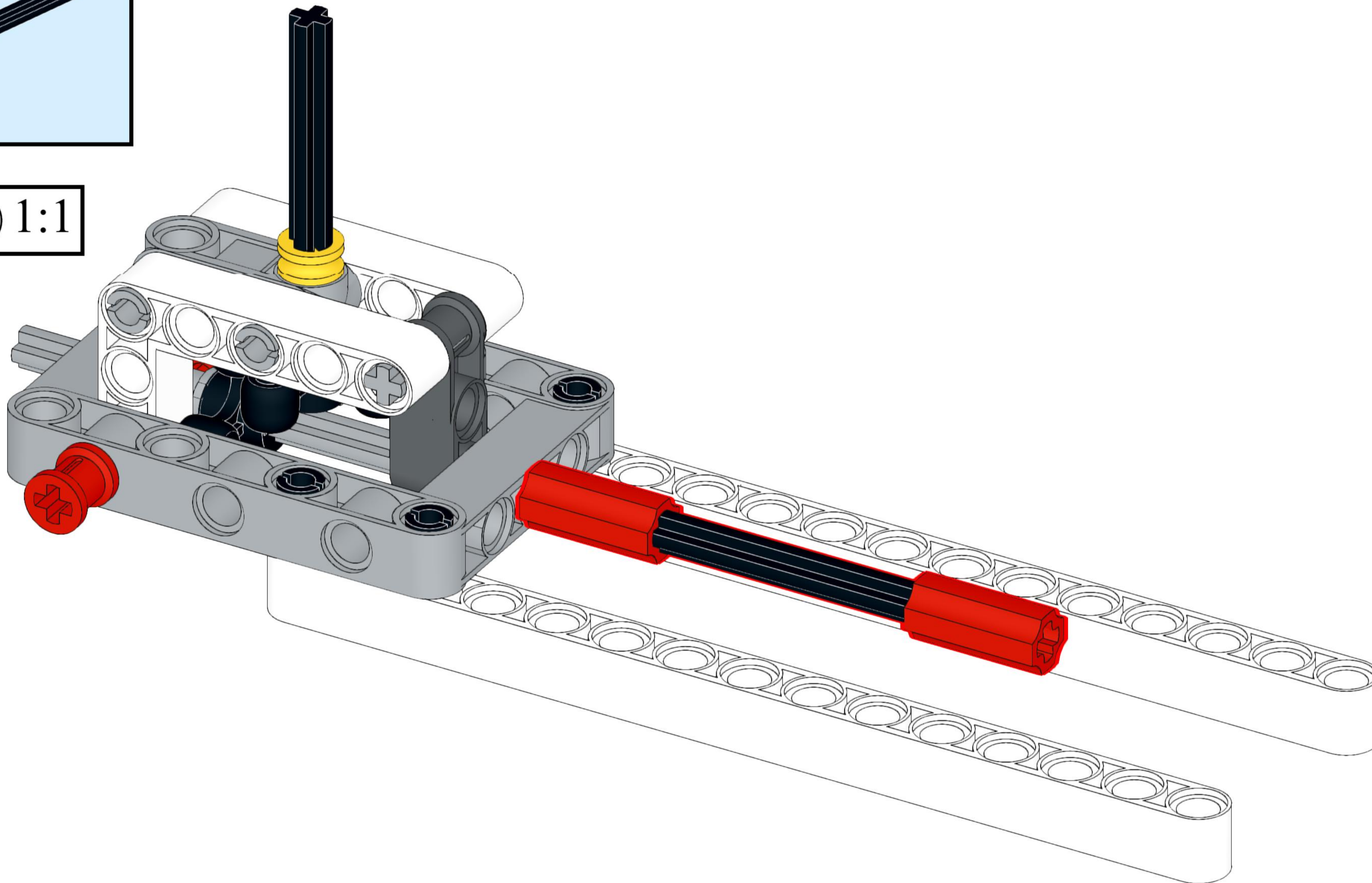
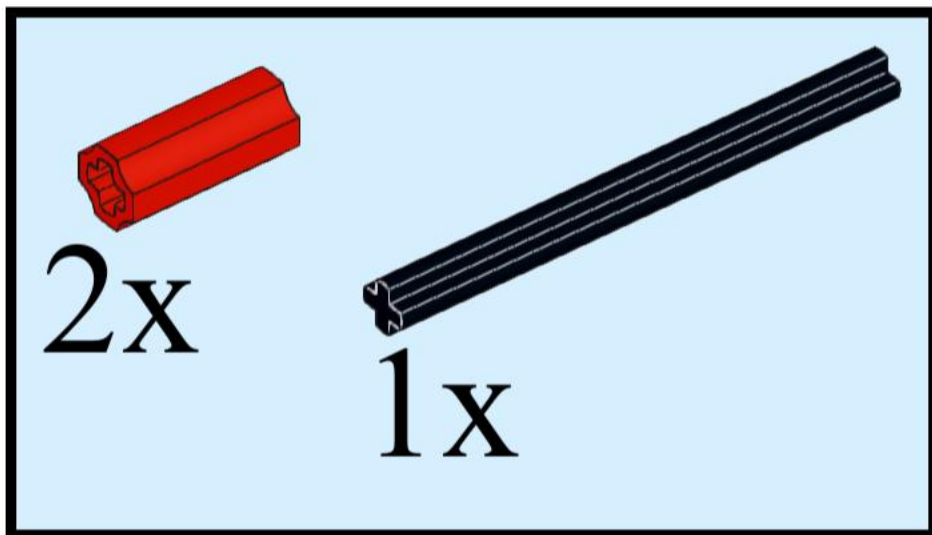
8

4x

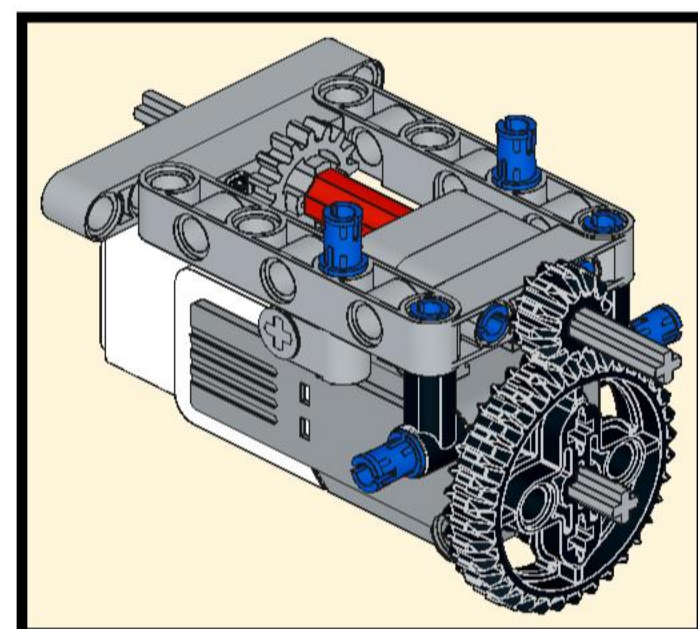
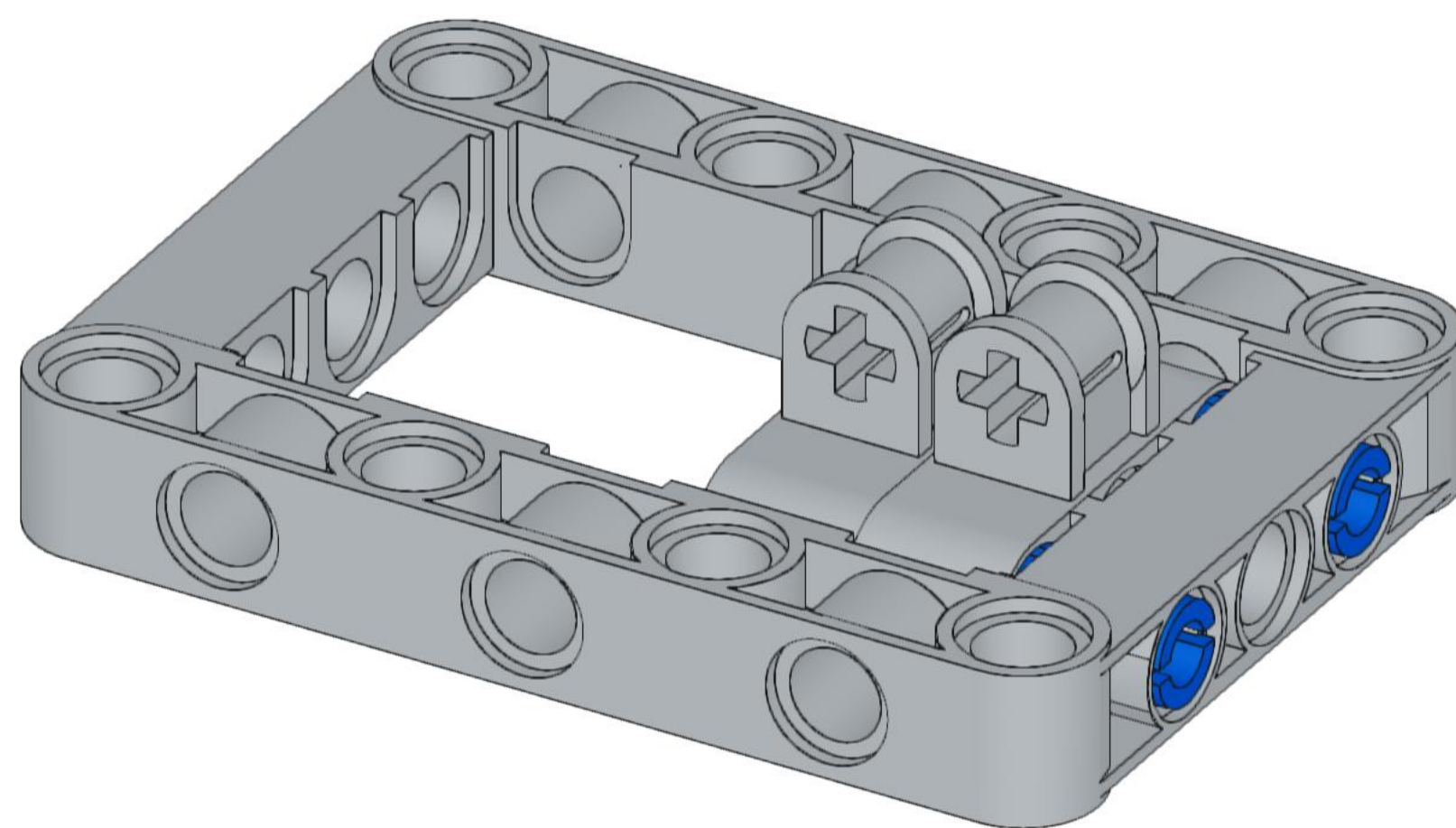
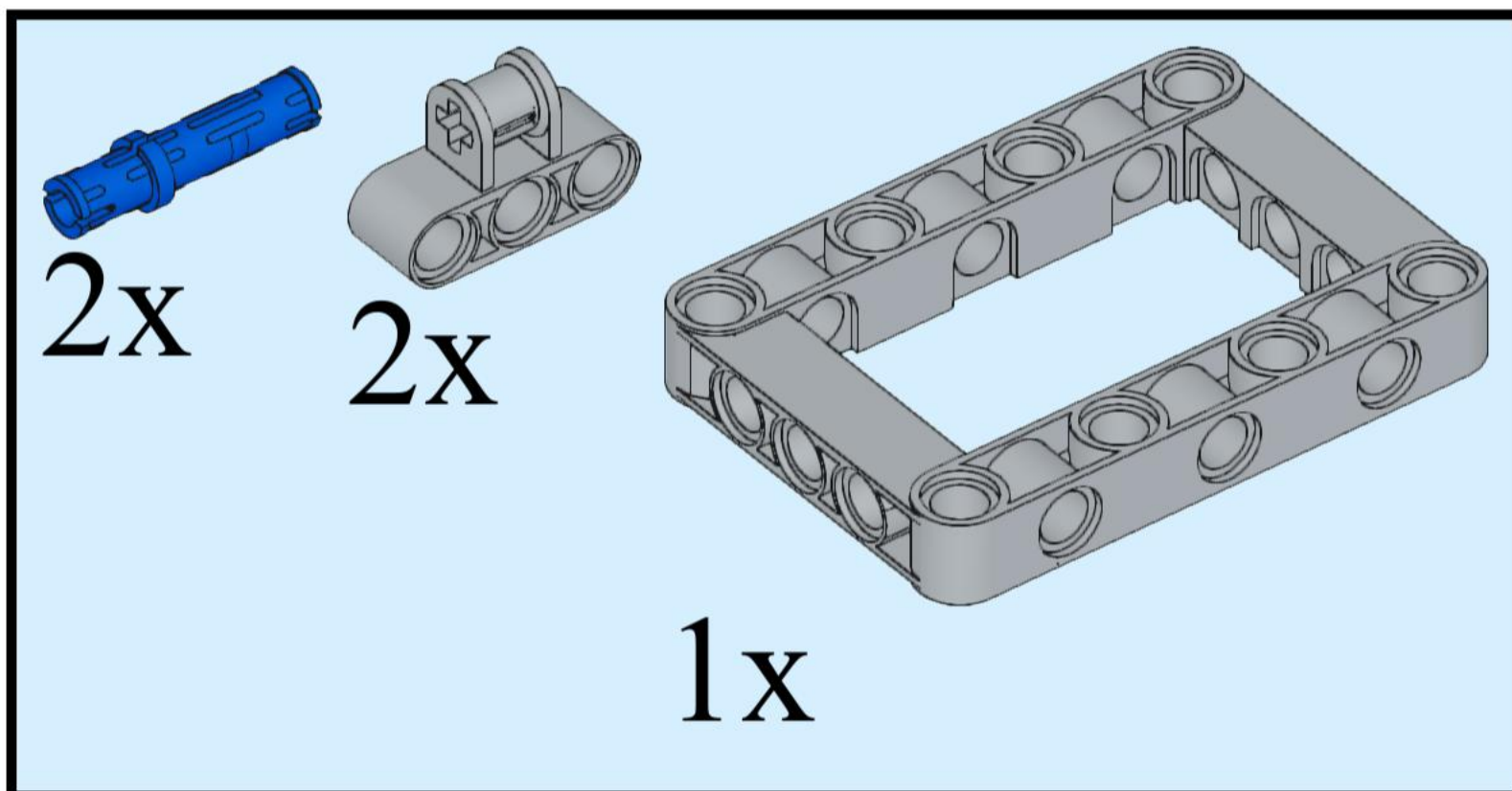
2x



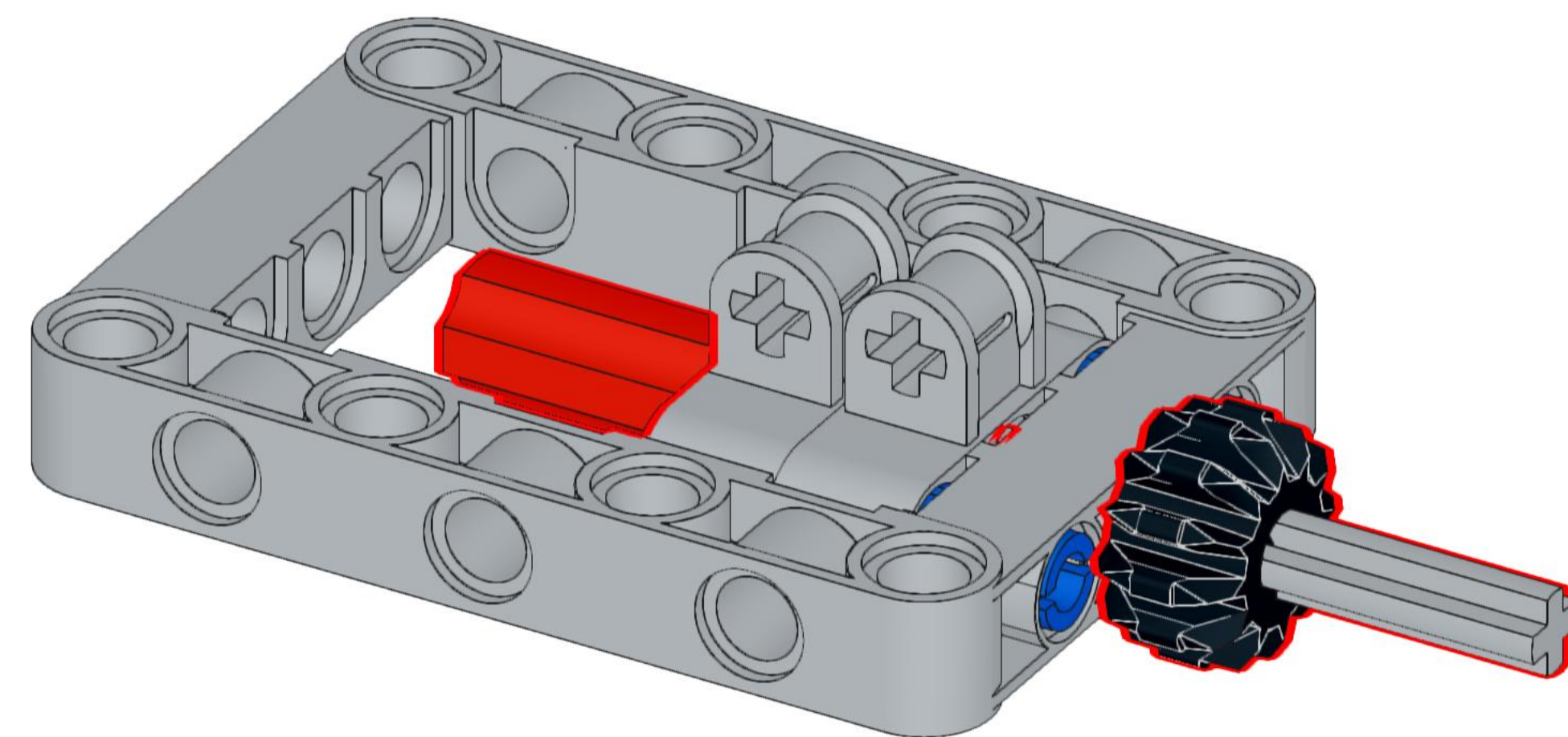
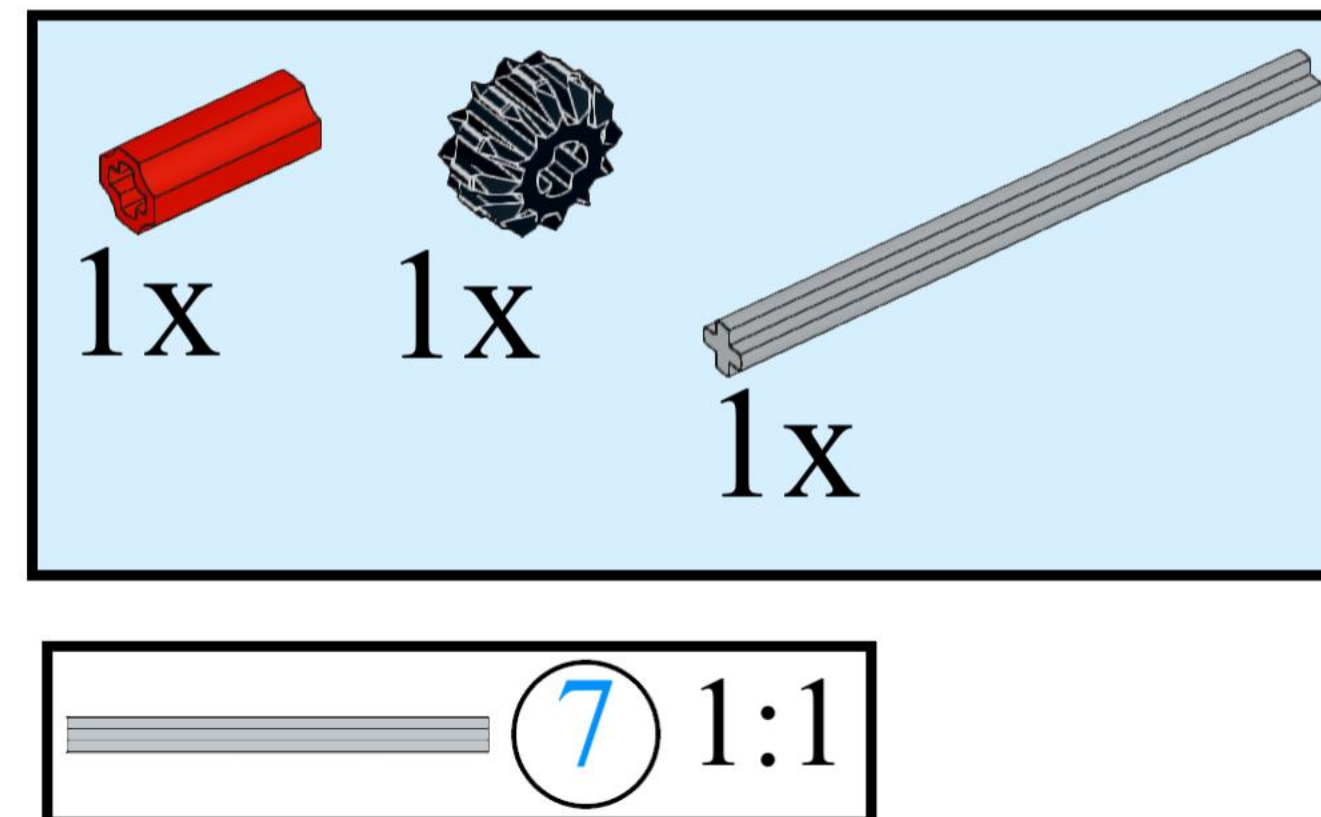
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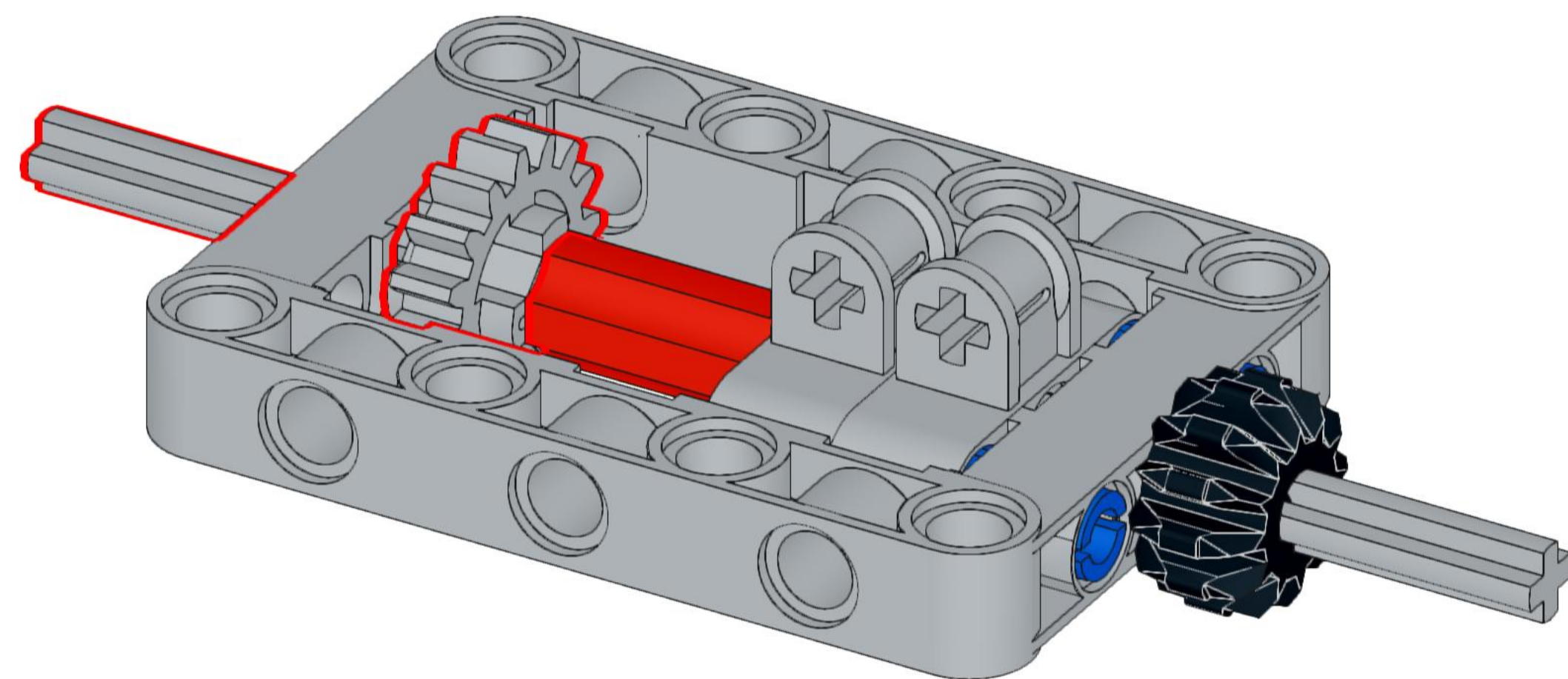
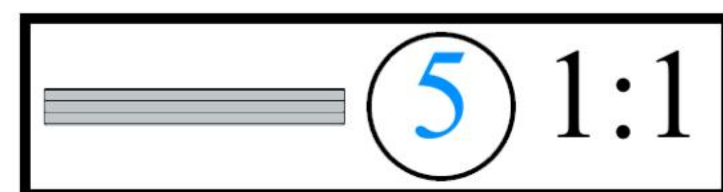
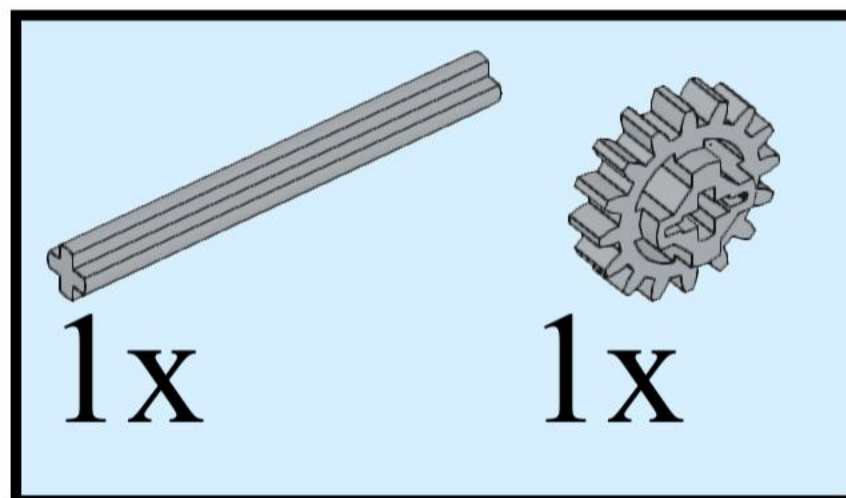
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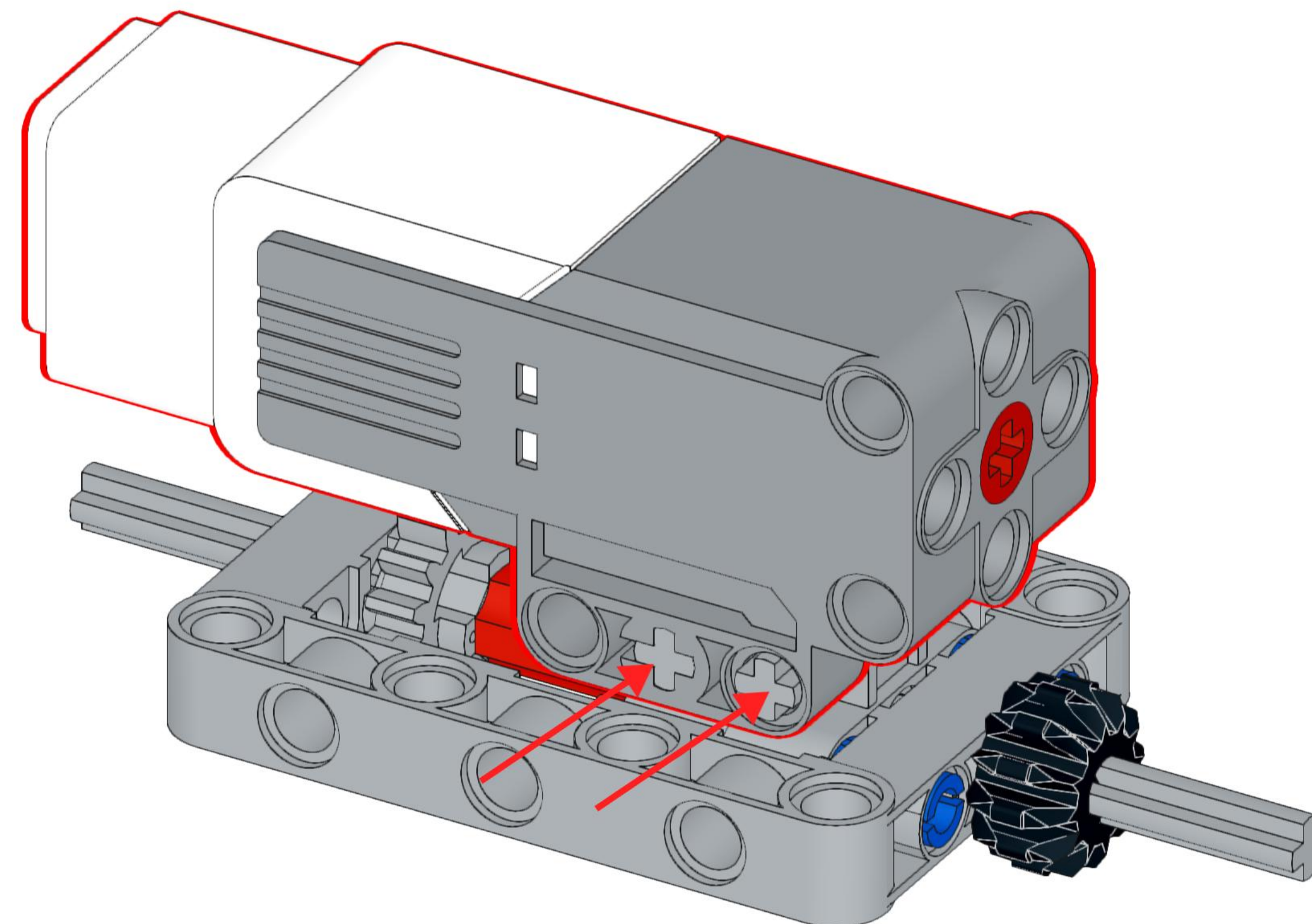
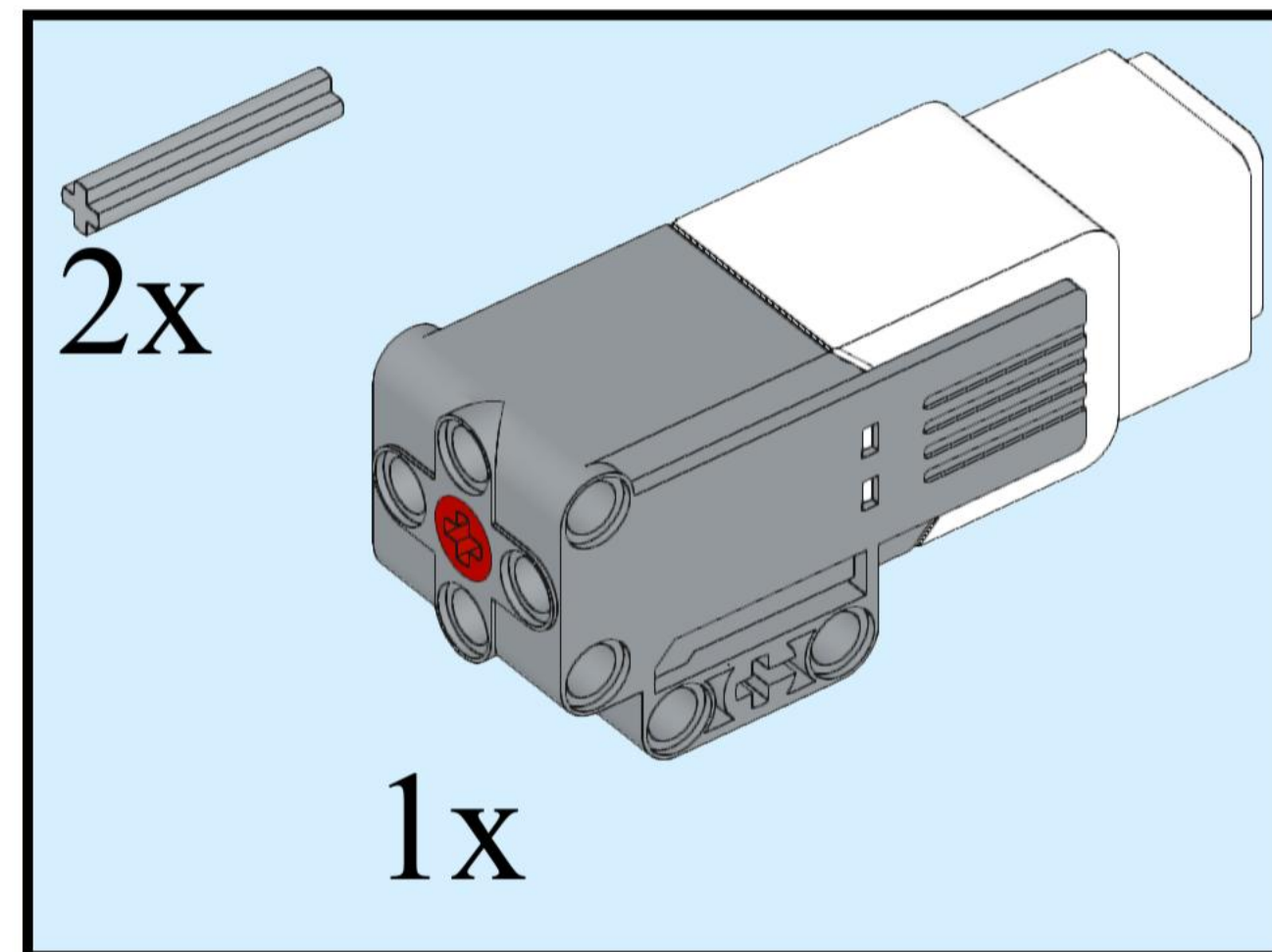
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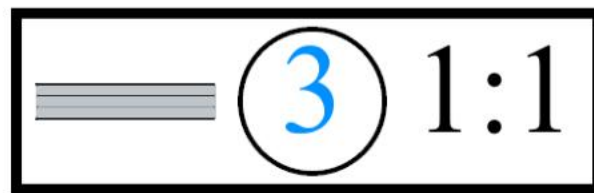
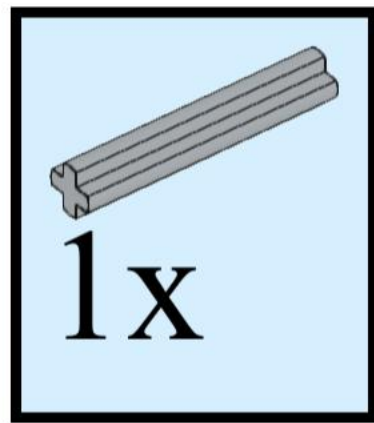
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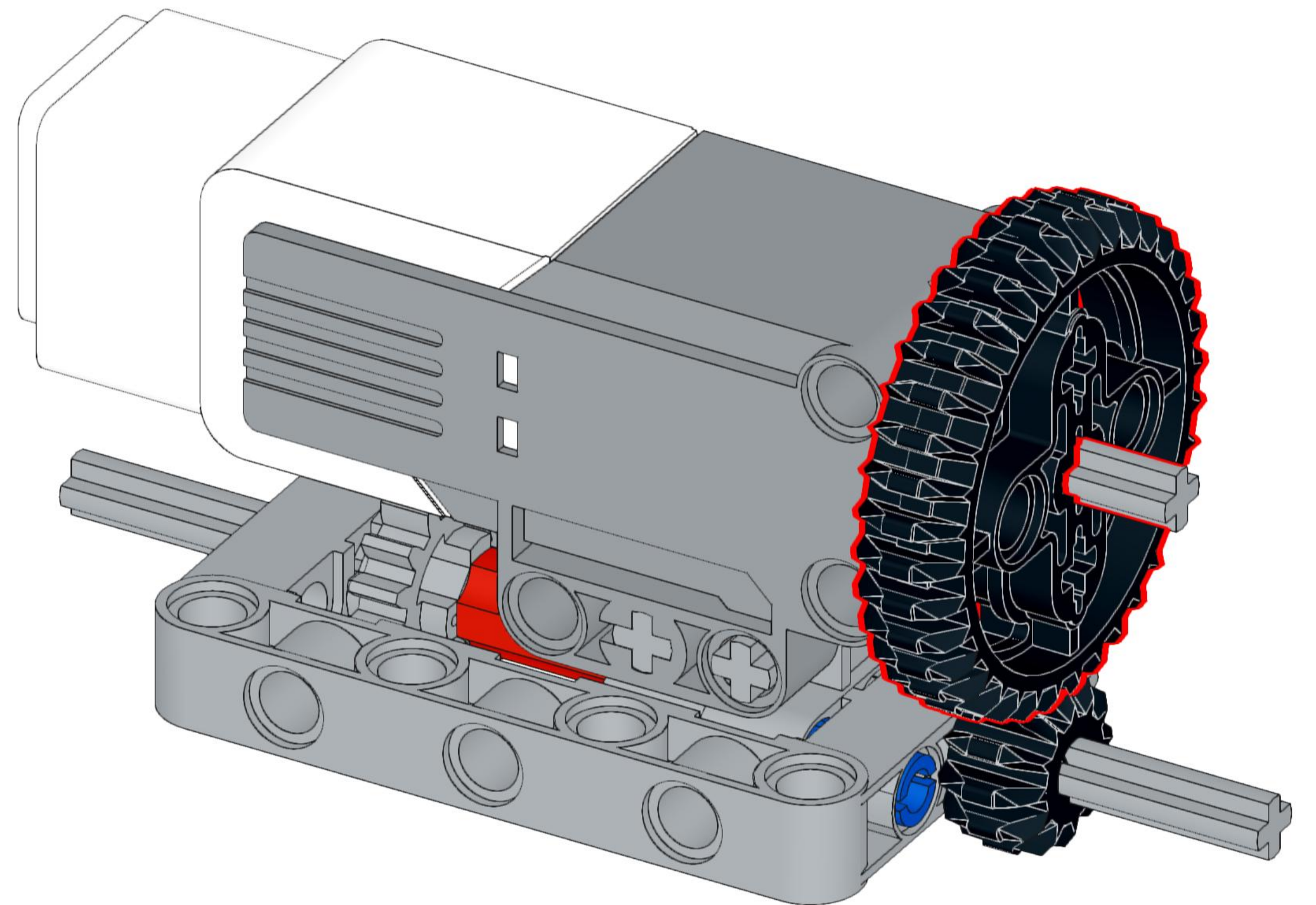
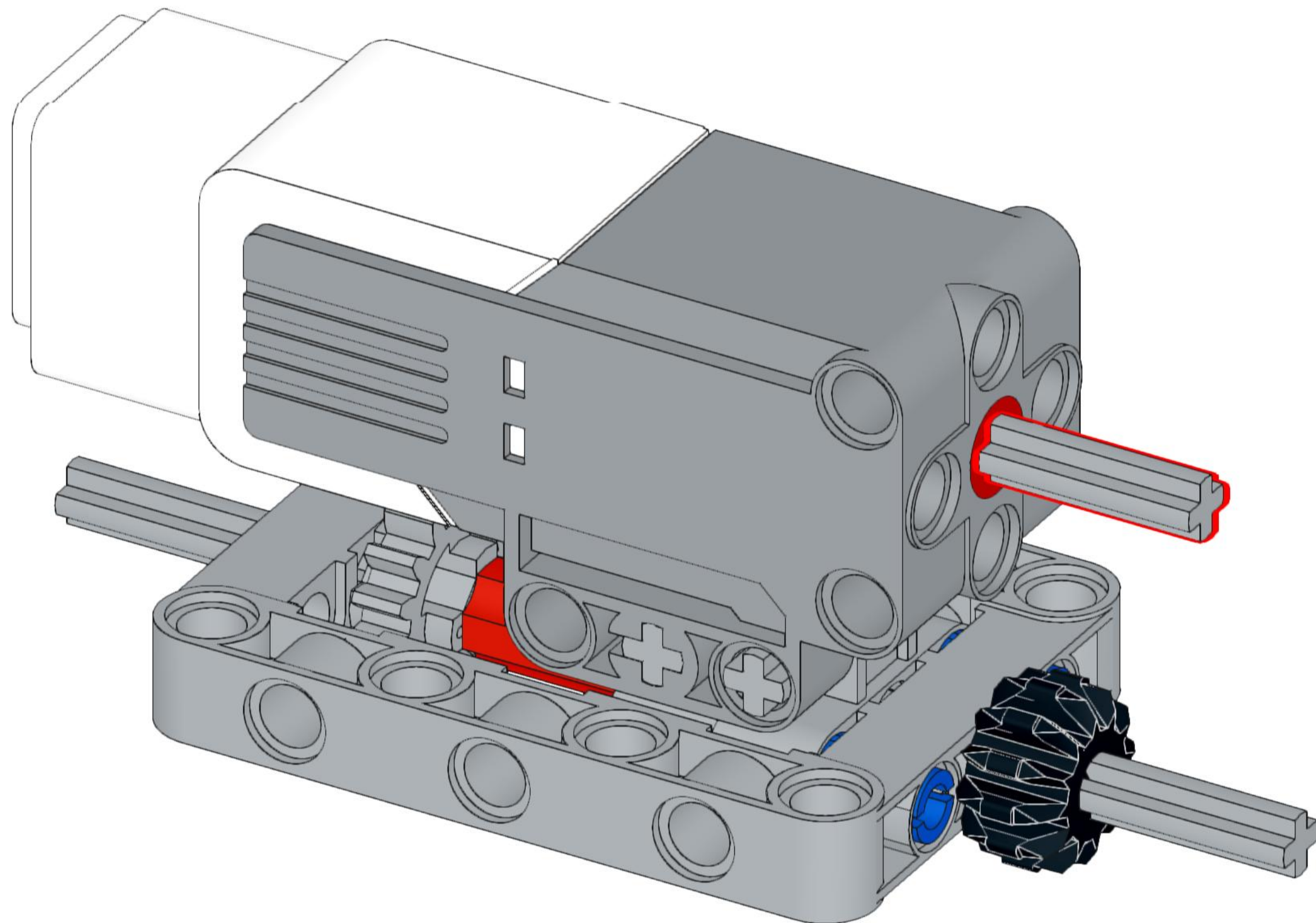
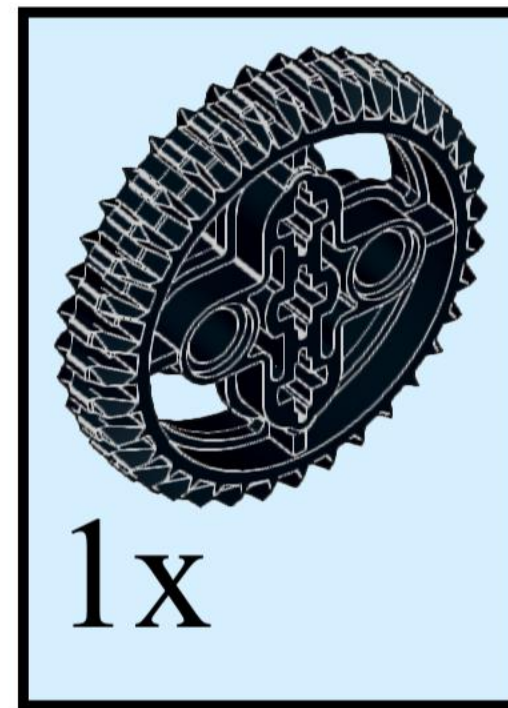
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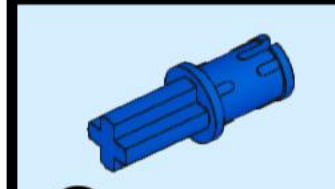


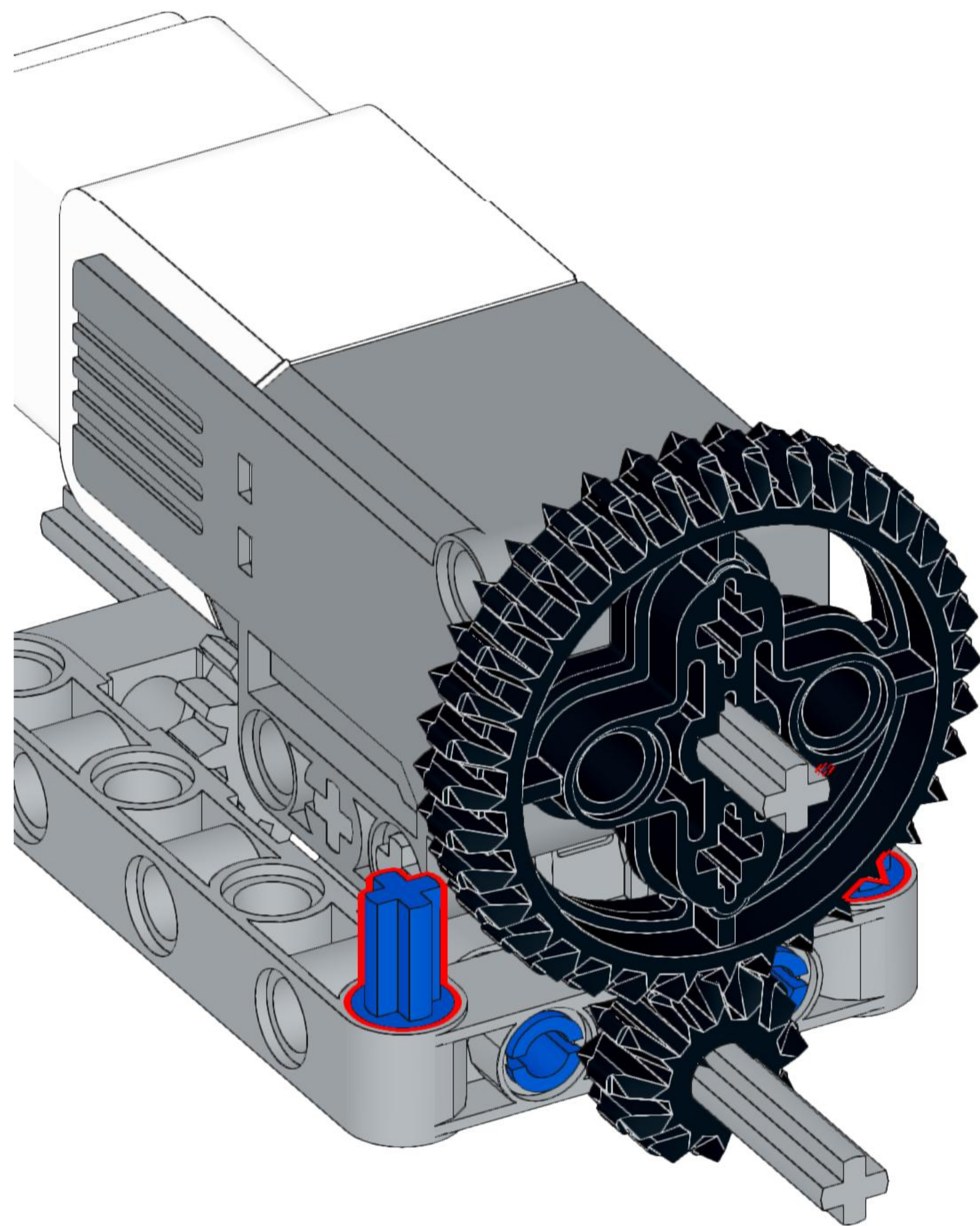
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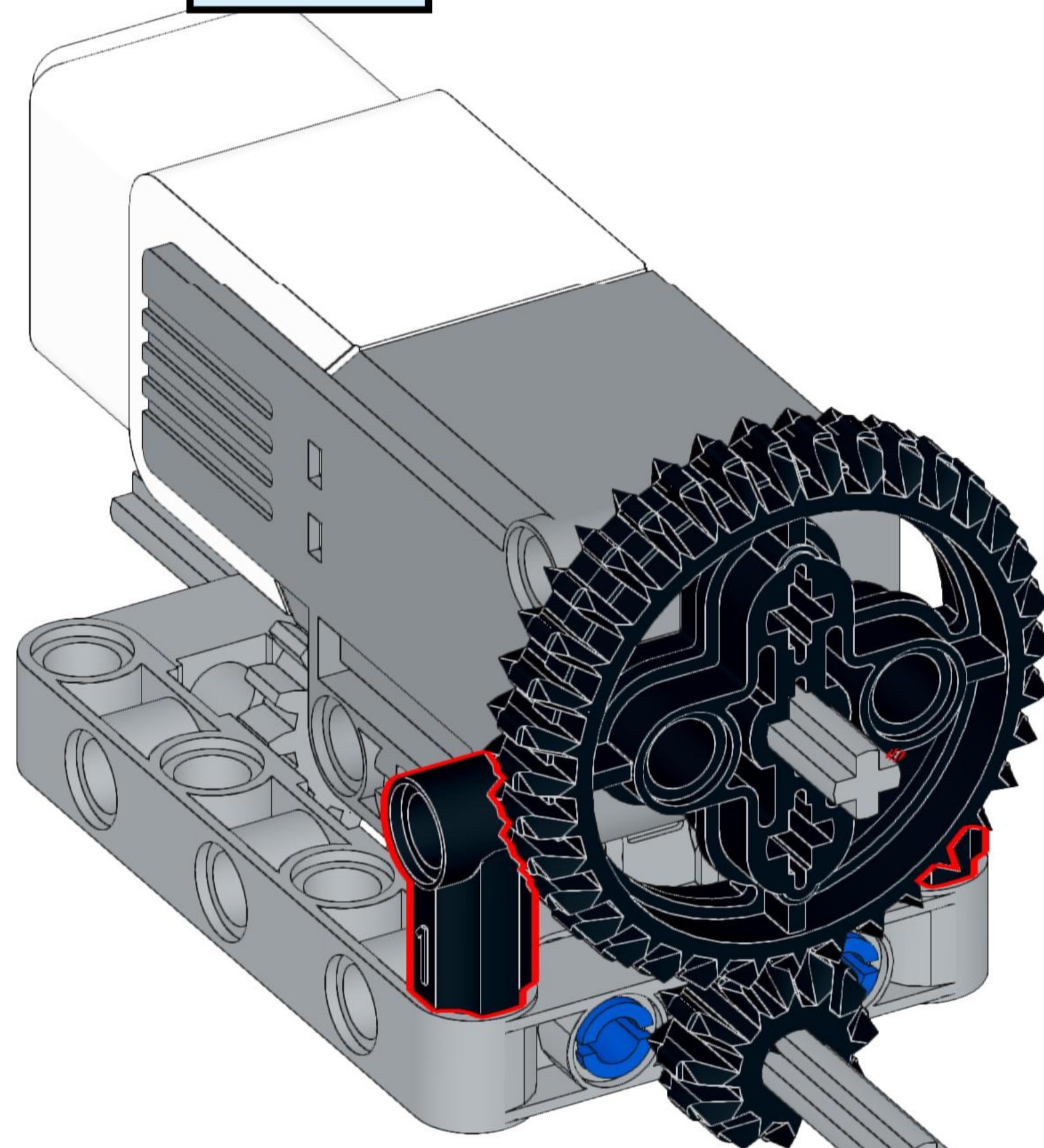
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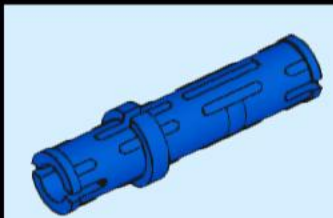


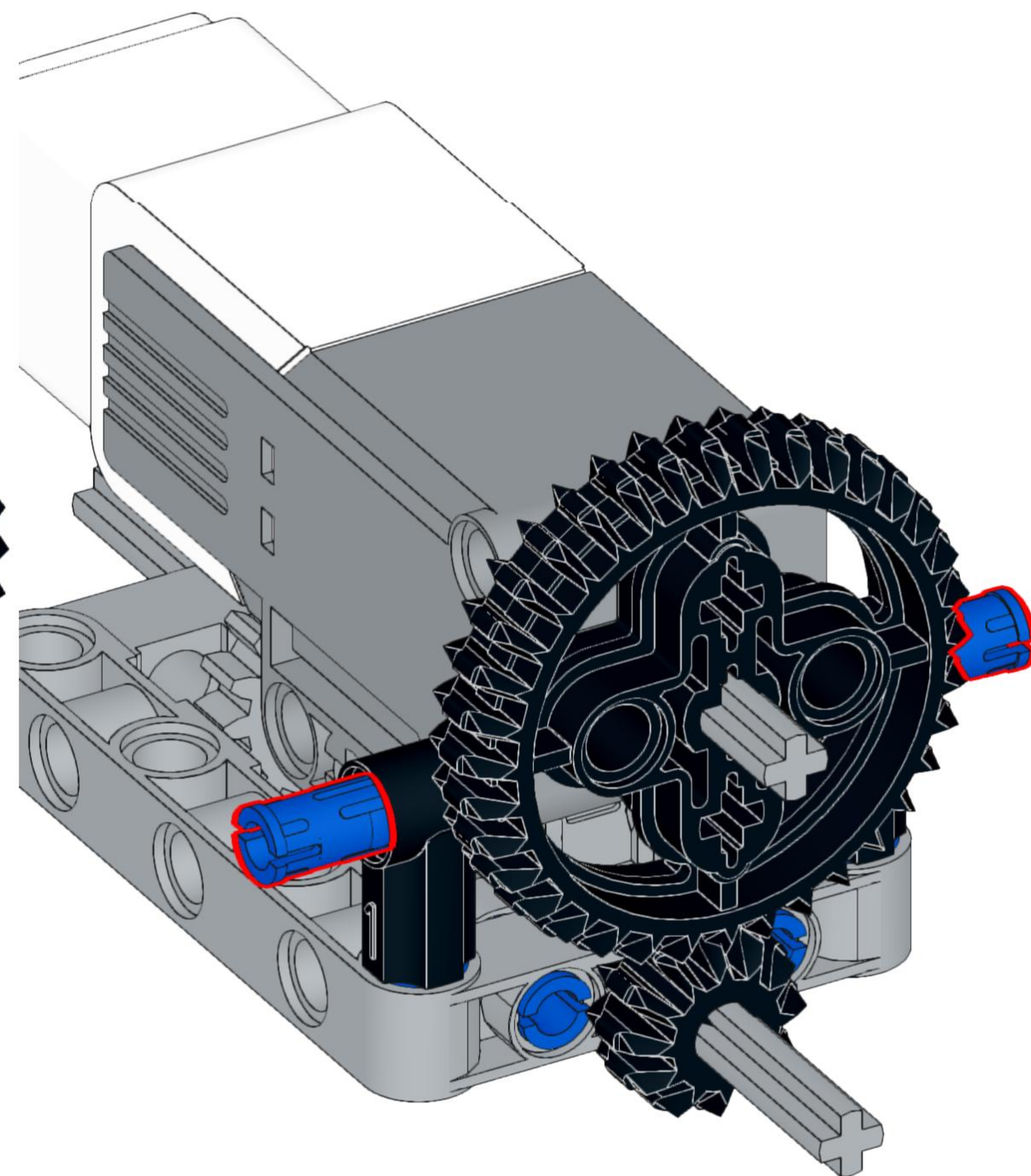
16 
2x



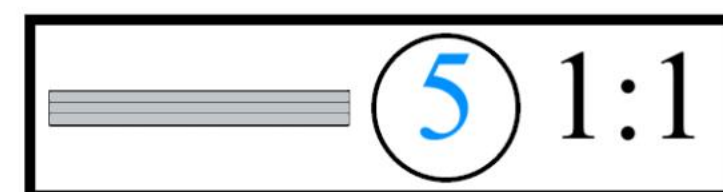
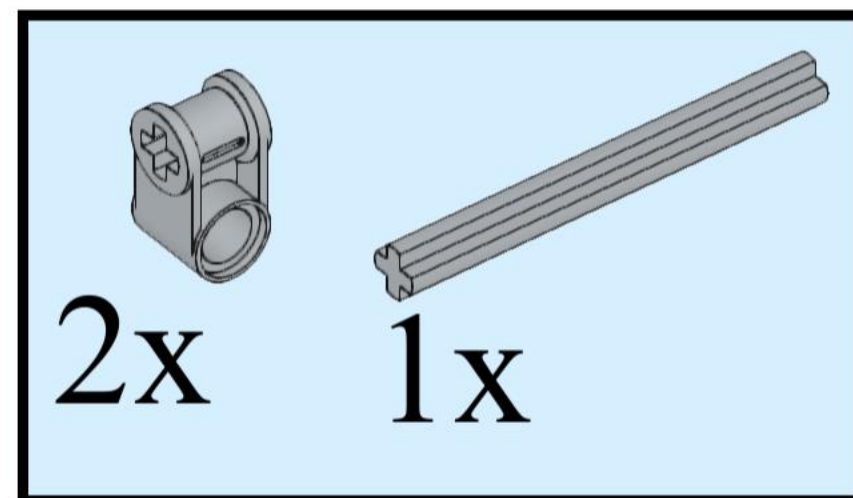
17 
2x



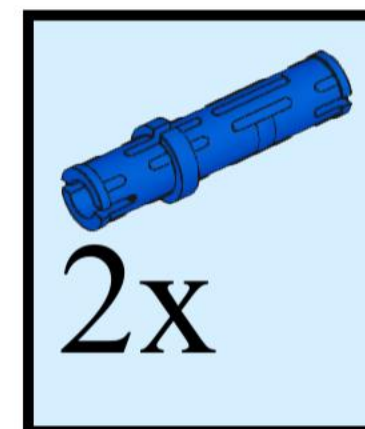
18 
2x



19

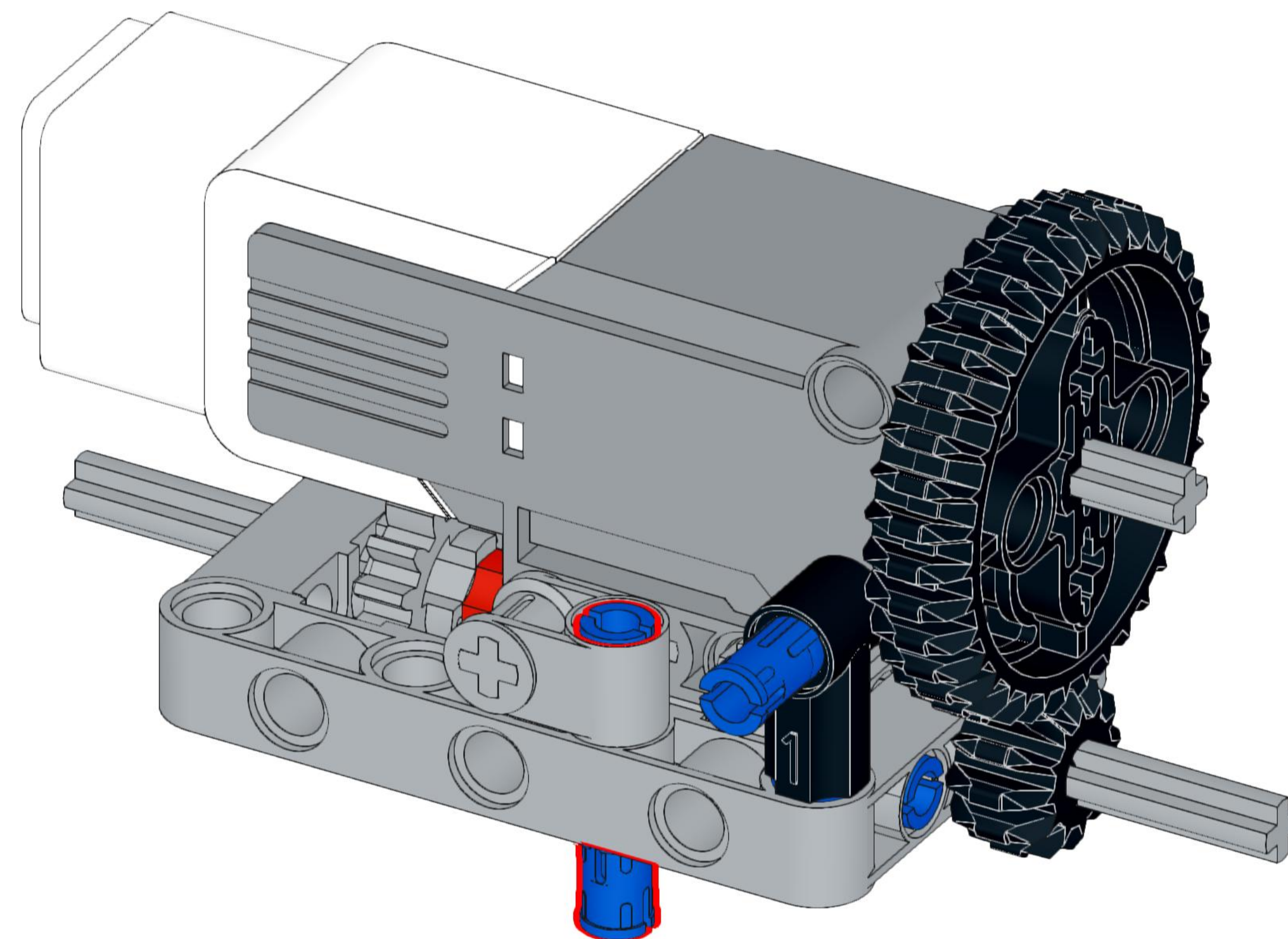
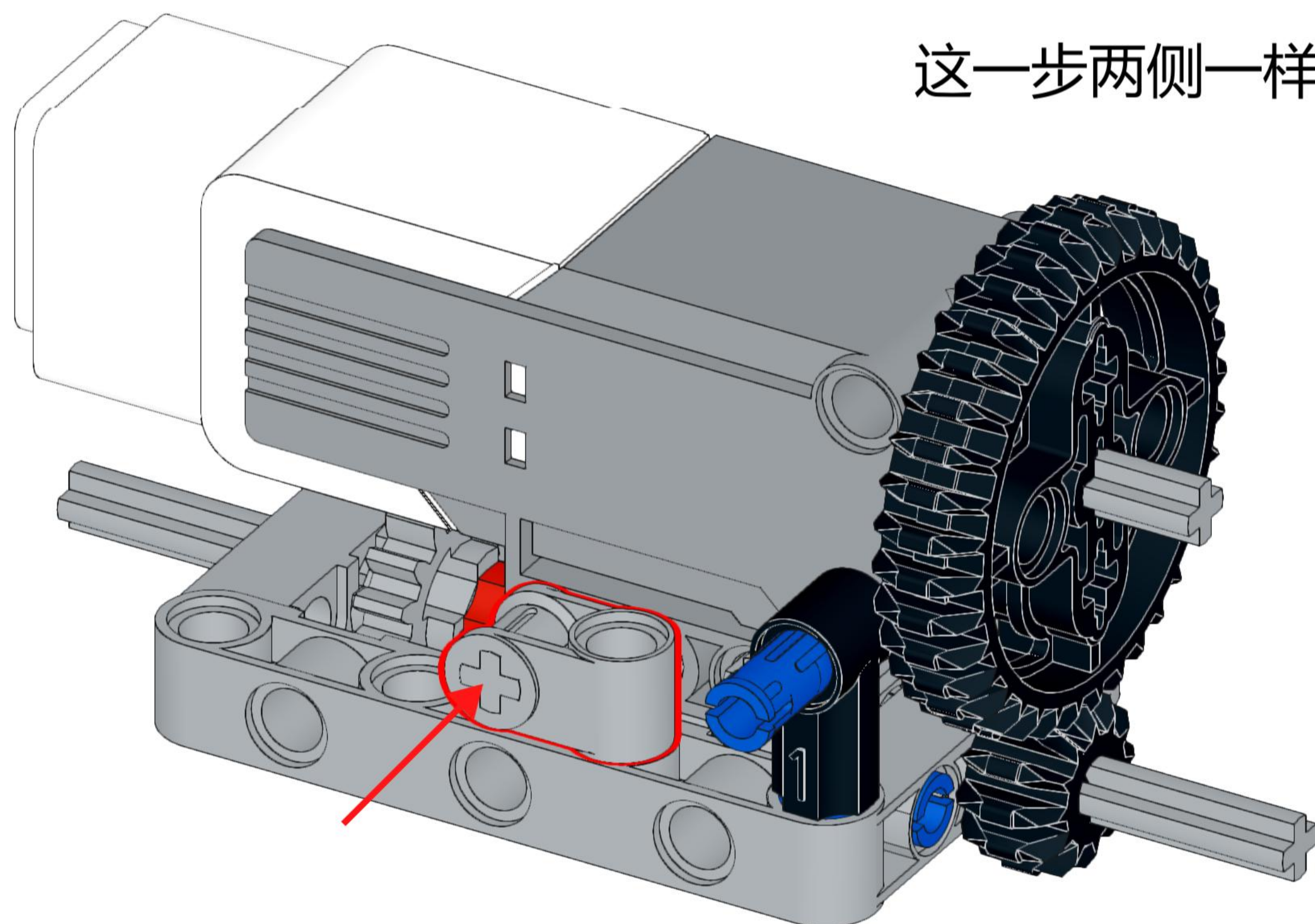


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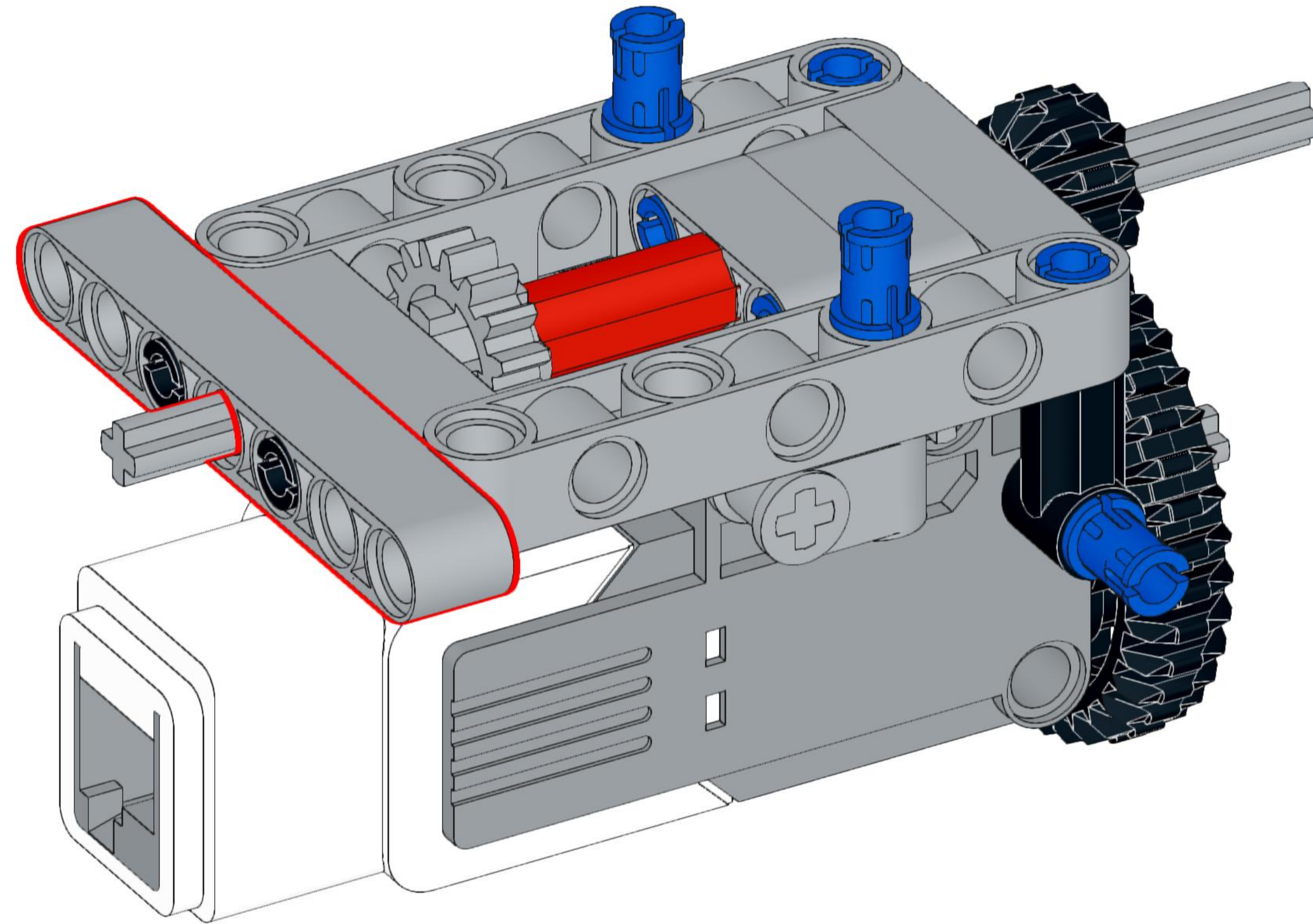
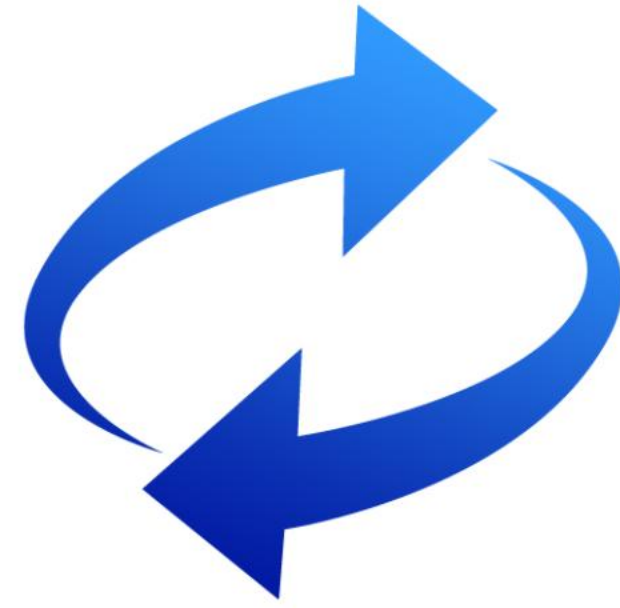
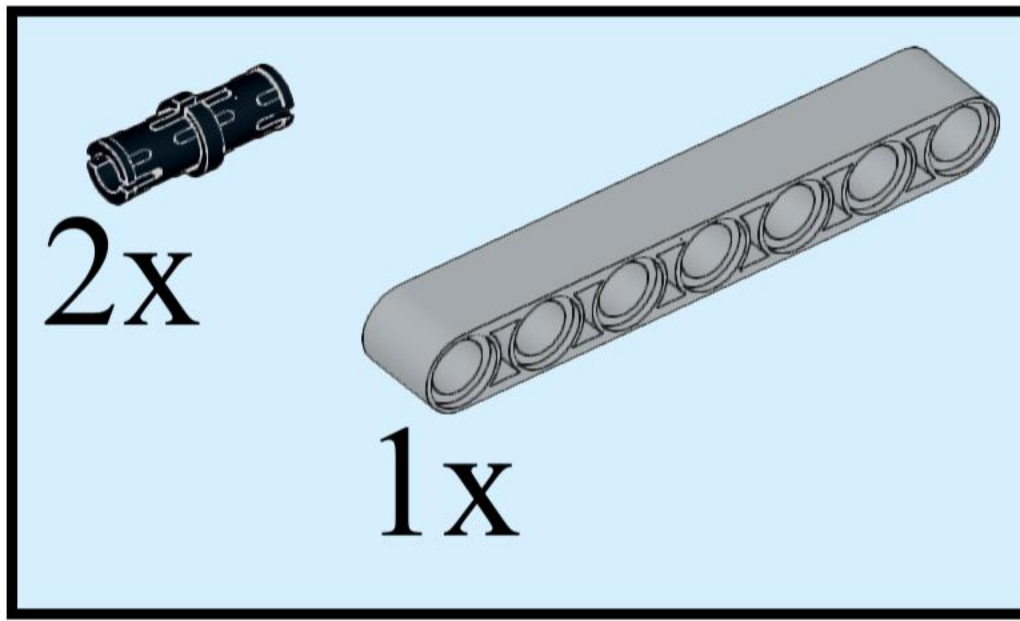


Do this step the same way on both sides

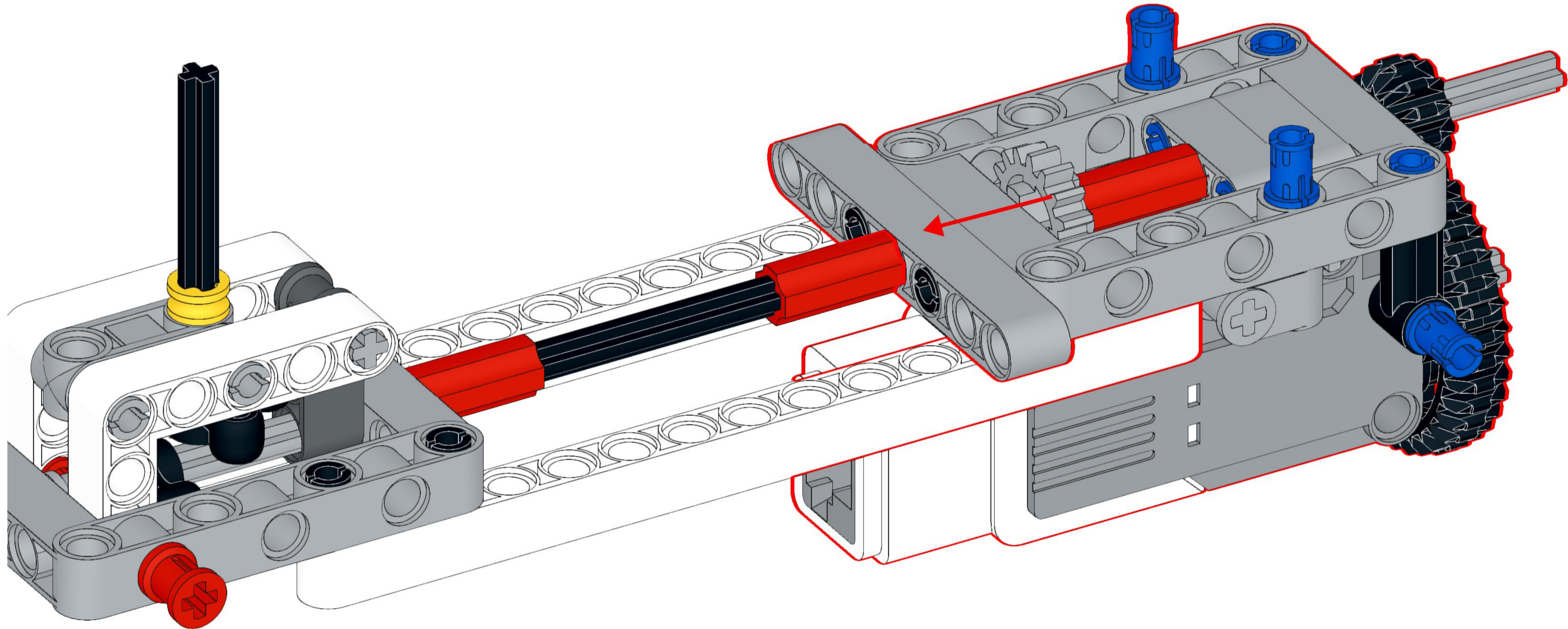
这一步两侧一样做法



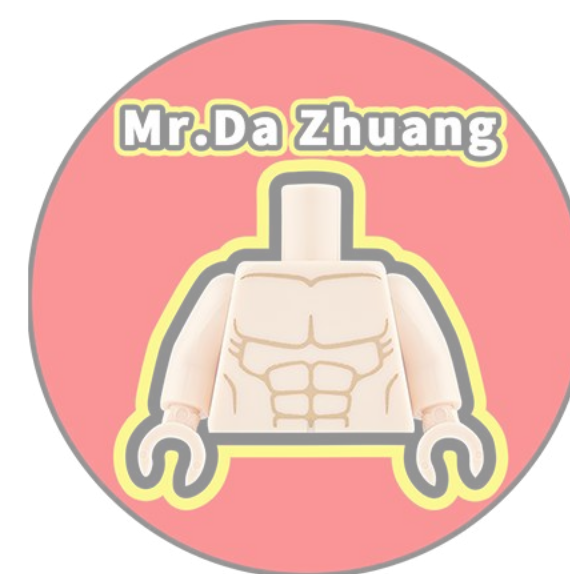
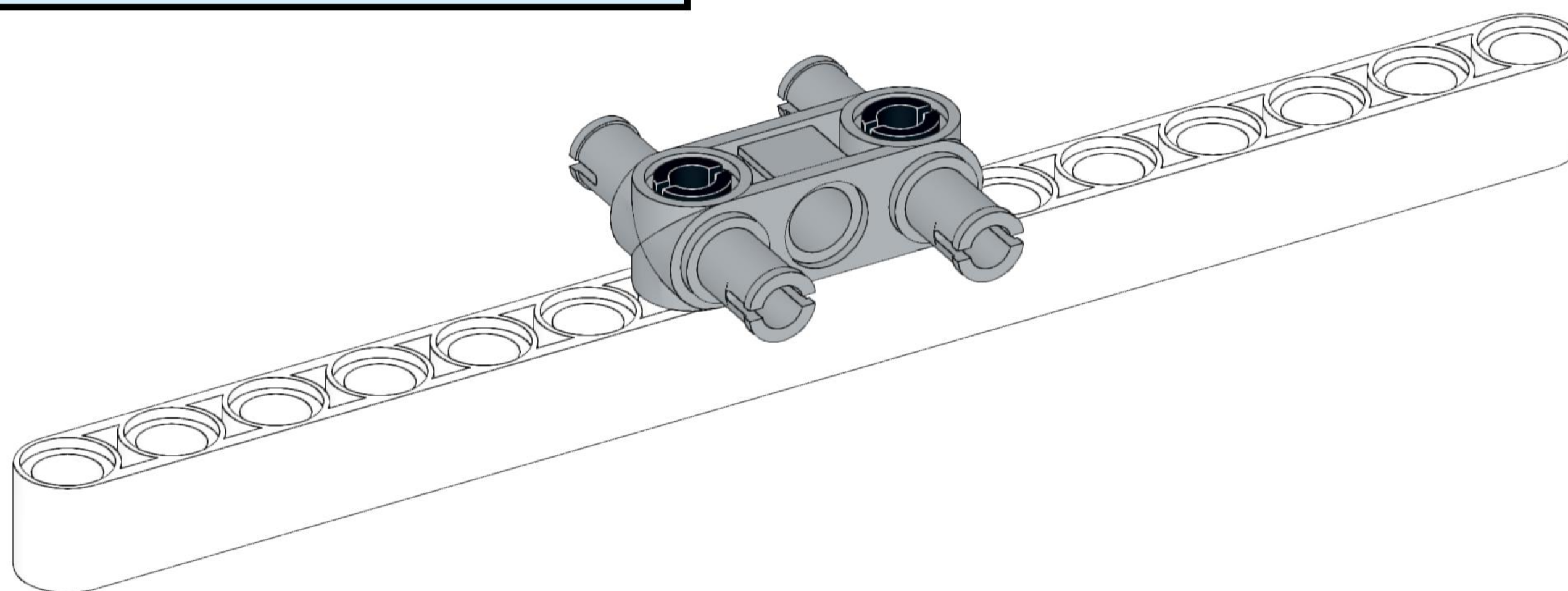
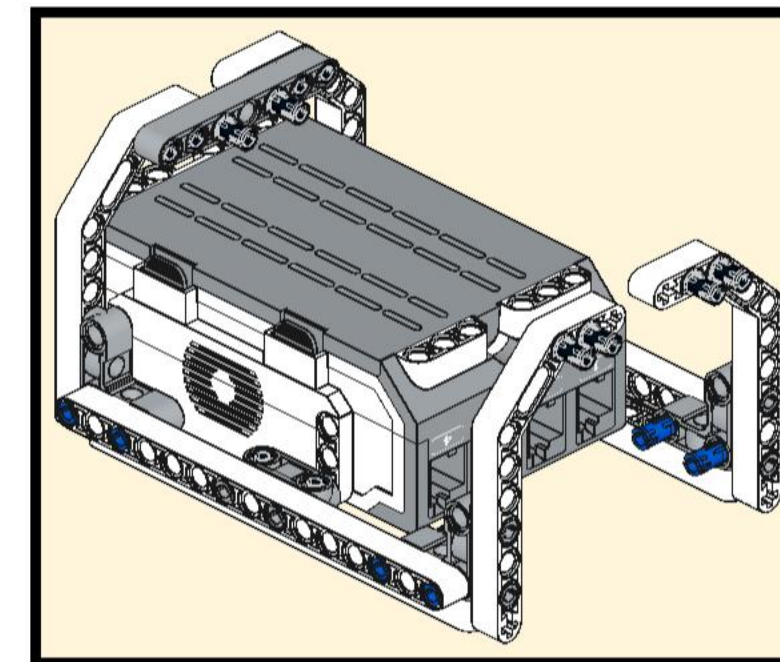
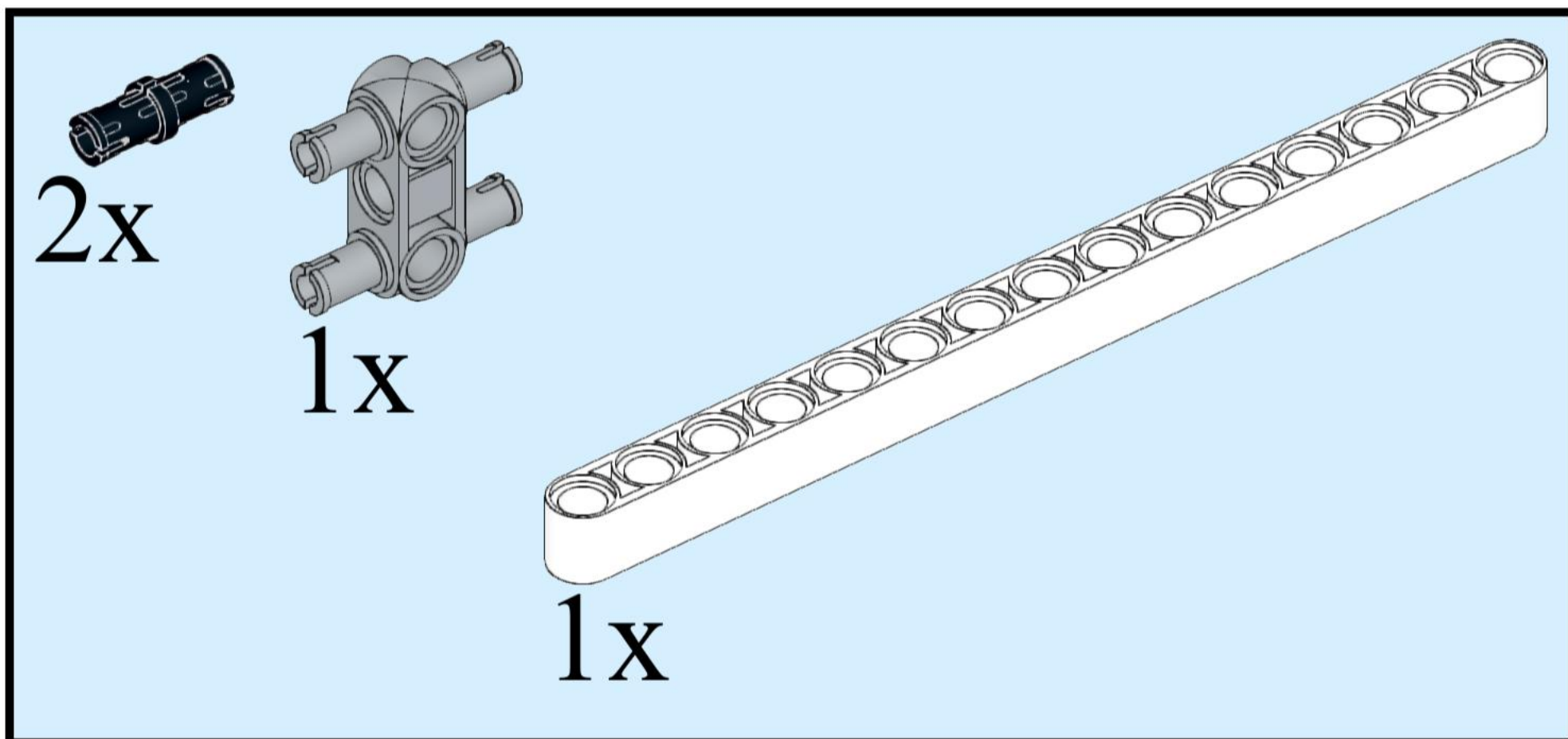
21



22

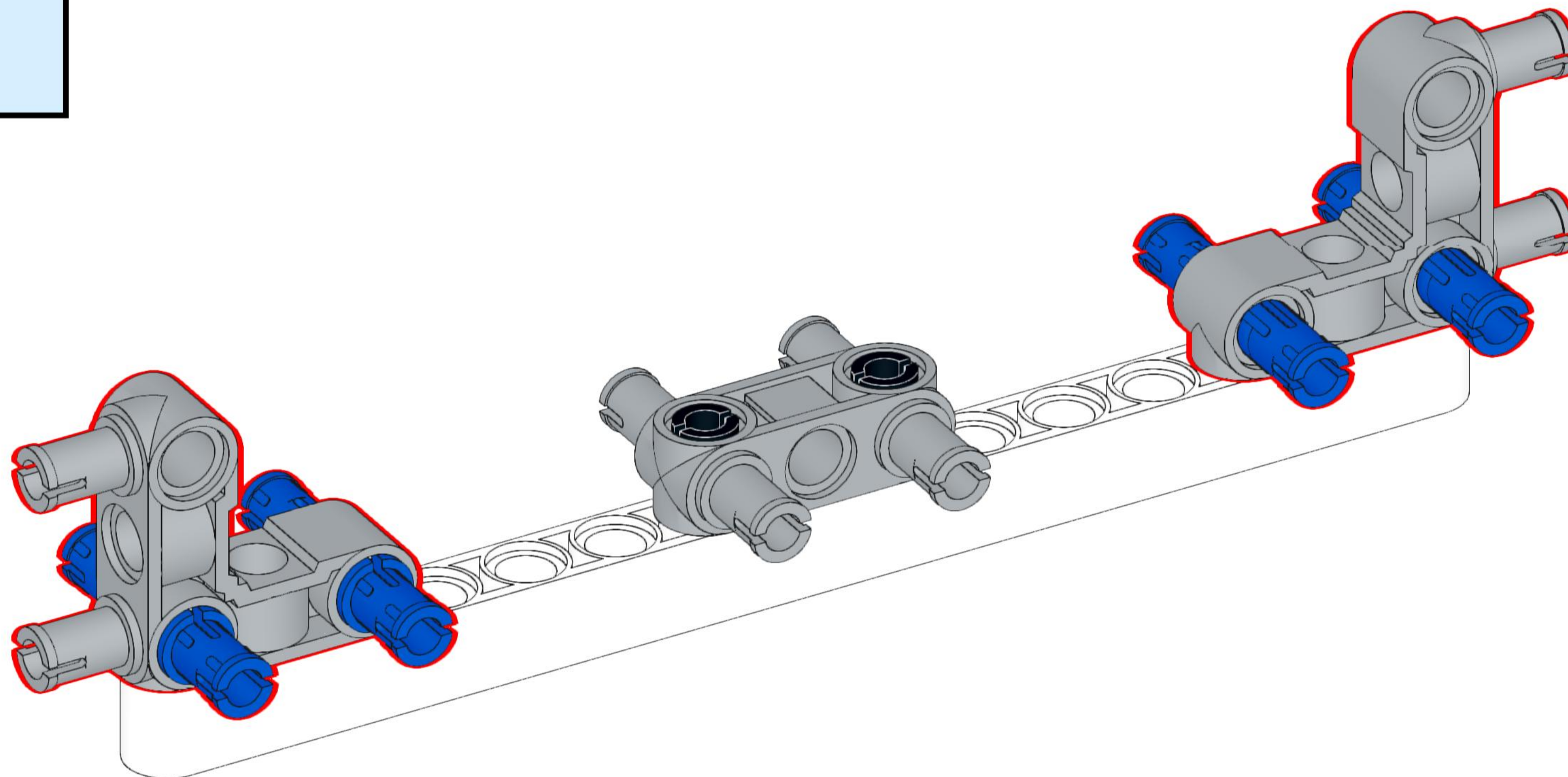
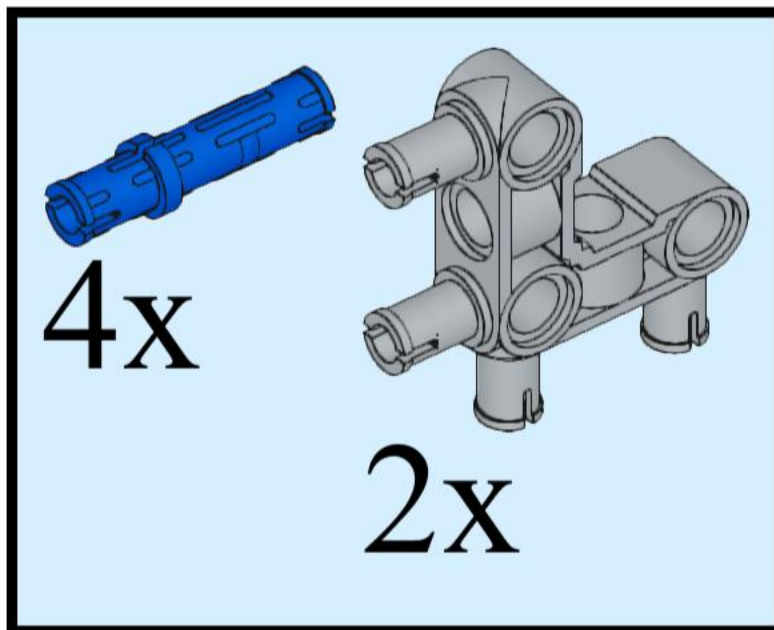


23

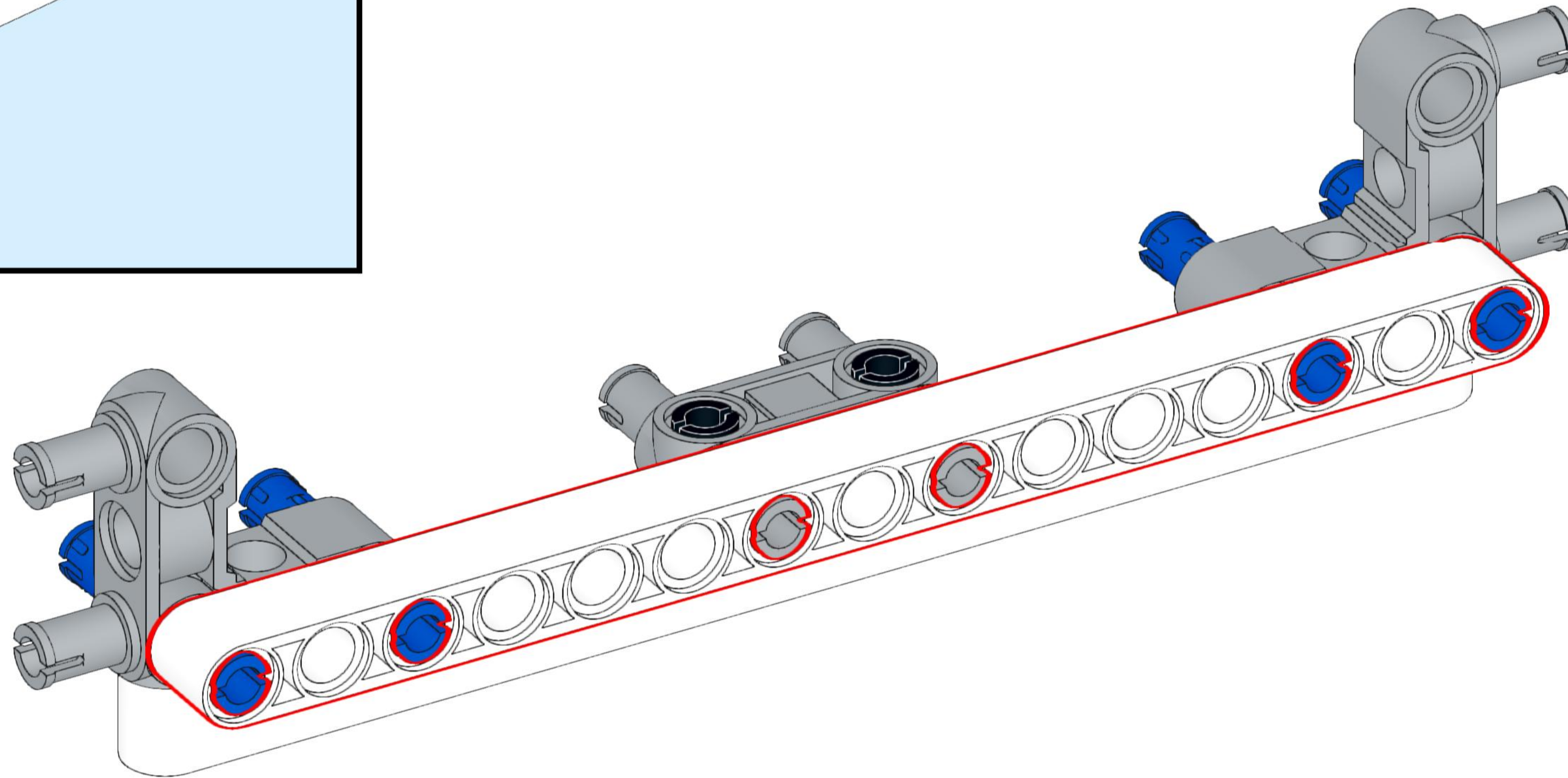
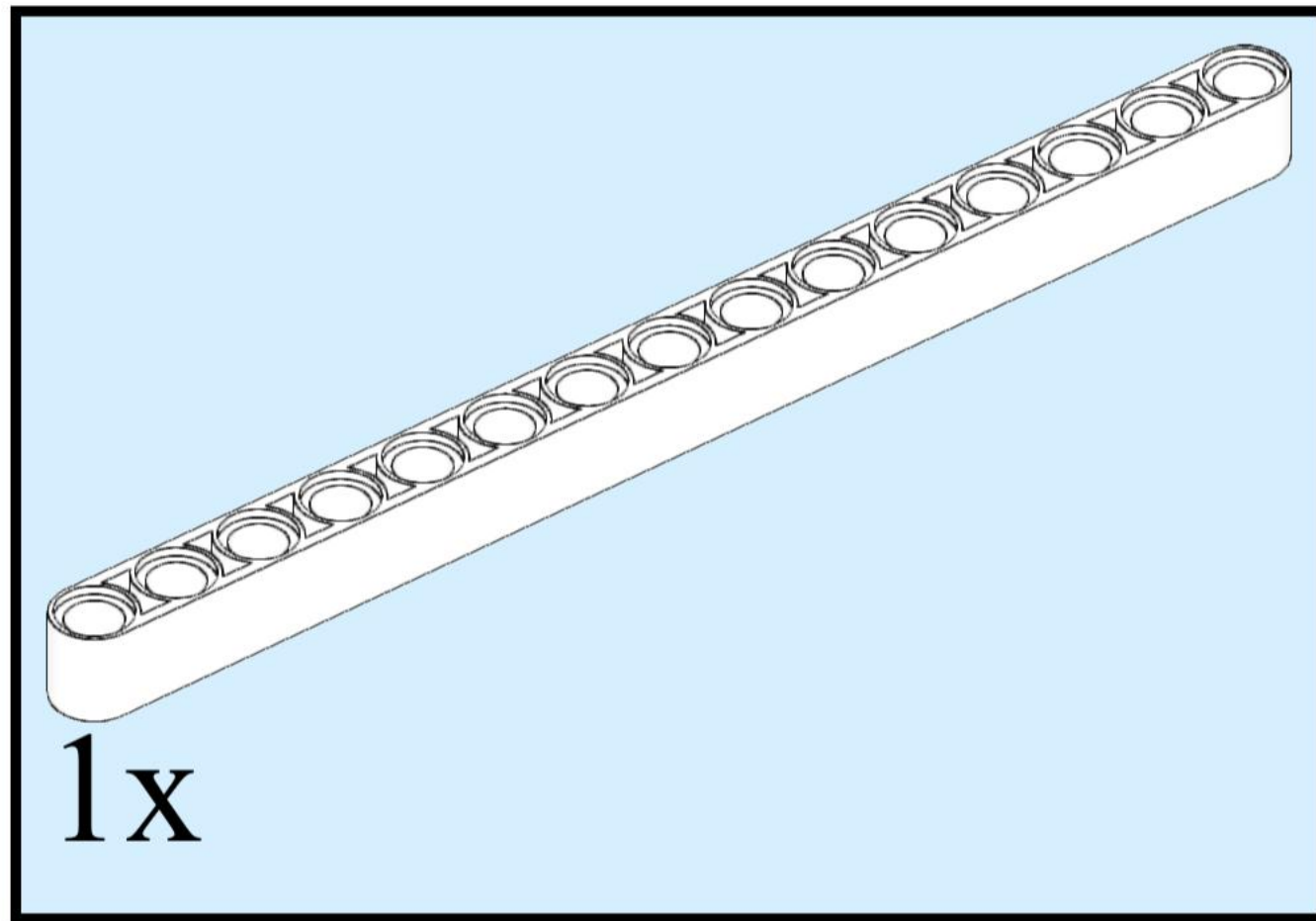


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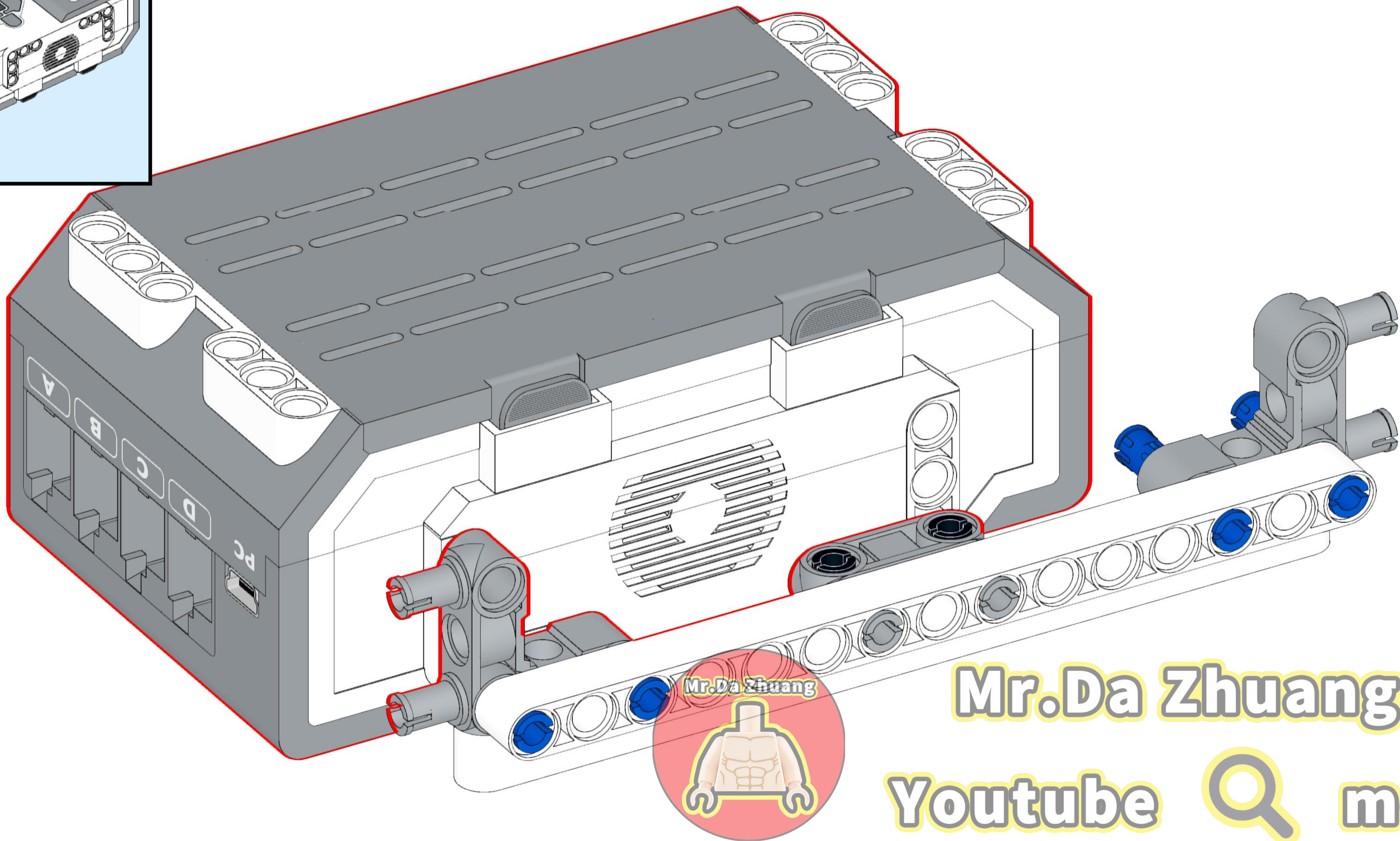
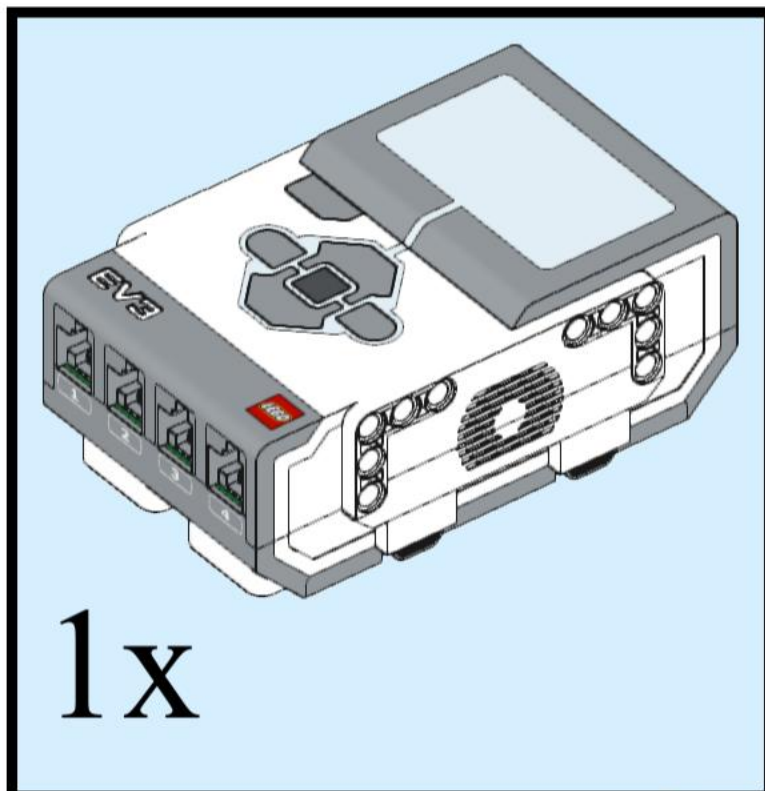
24



25



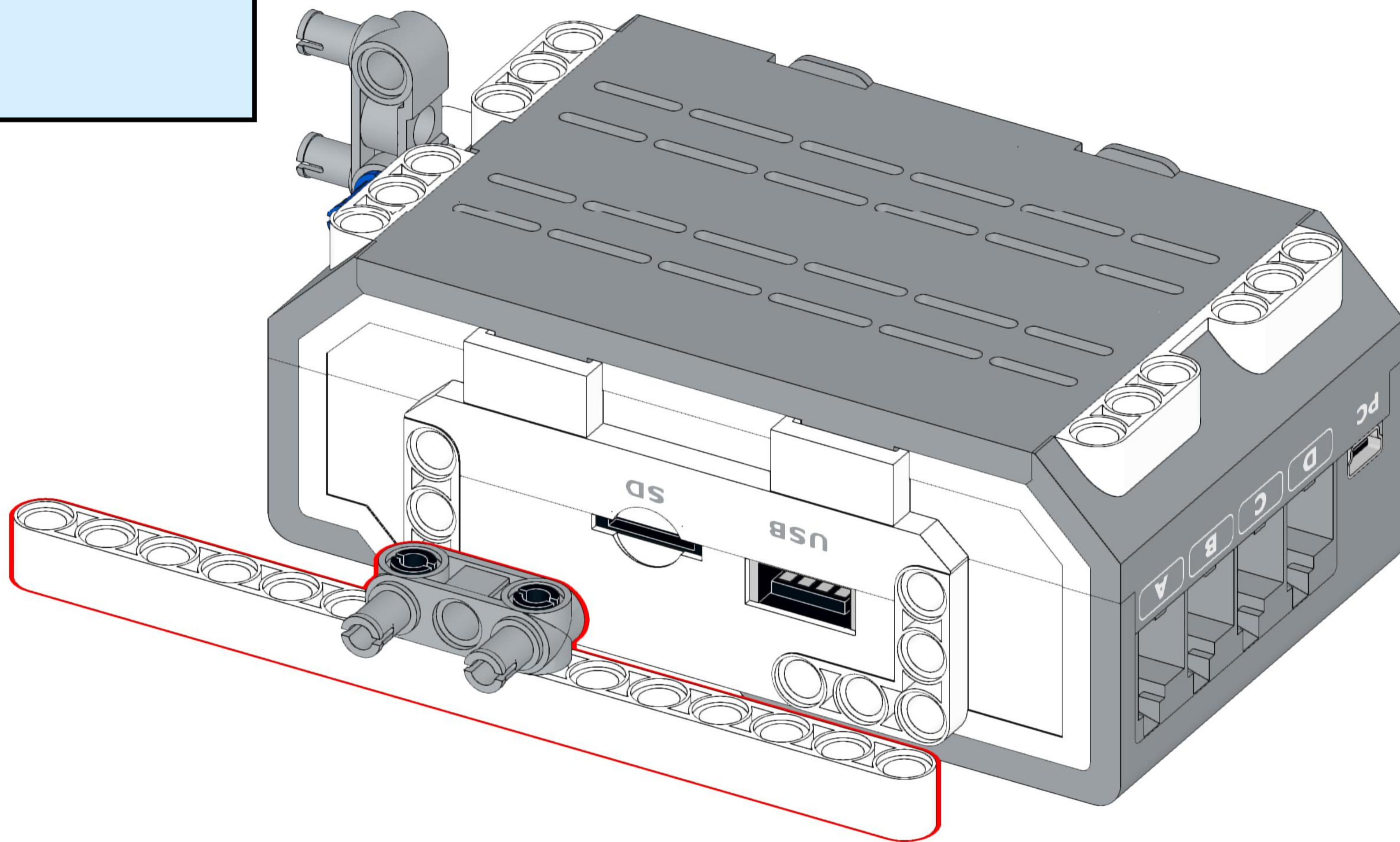
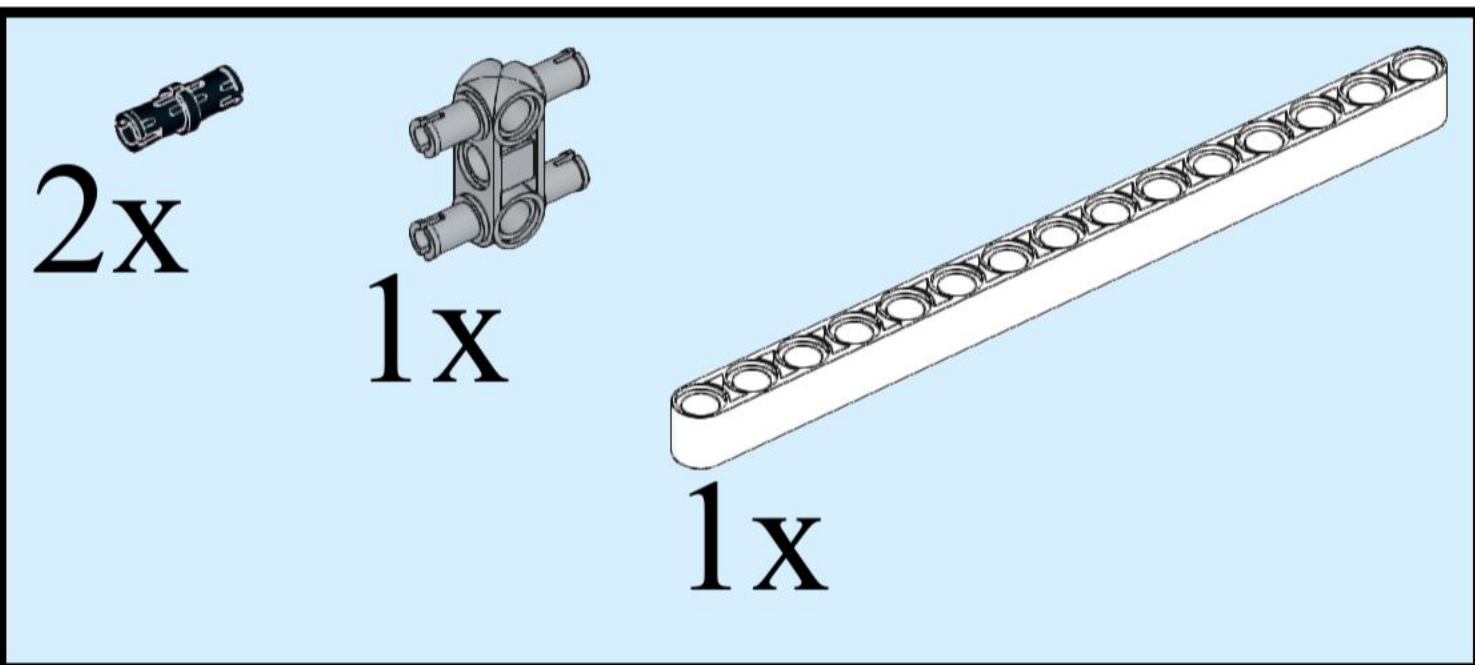
26



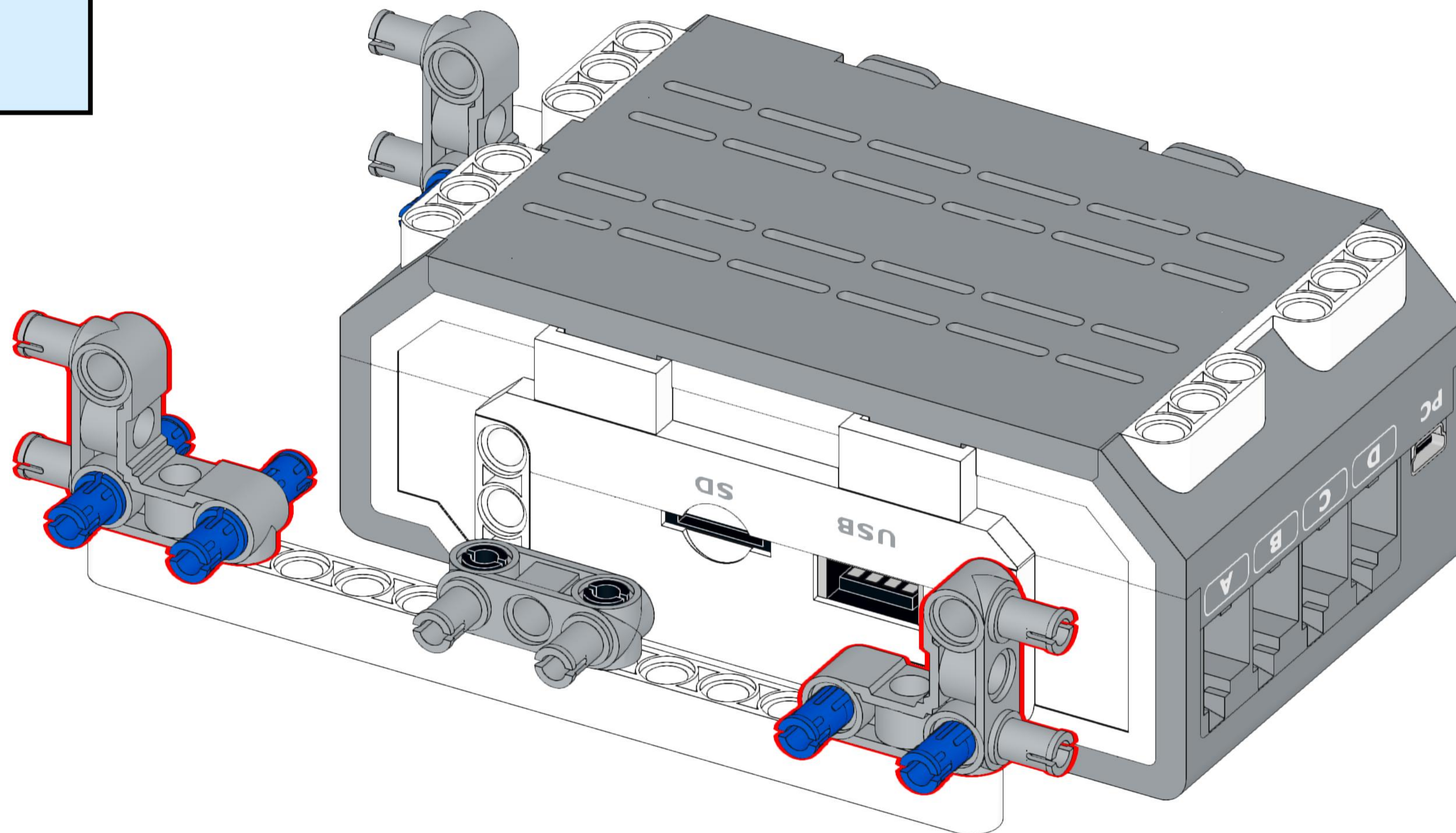
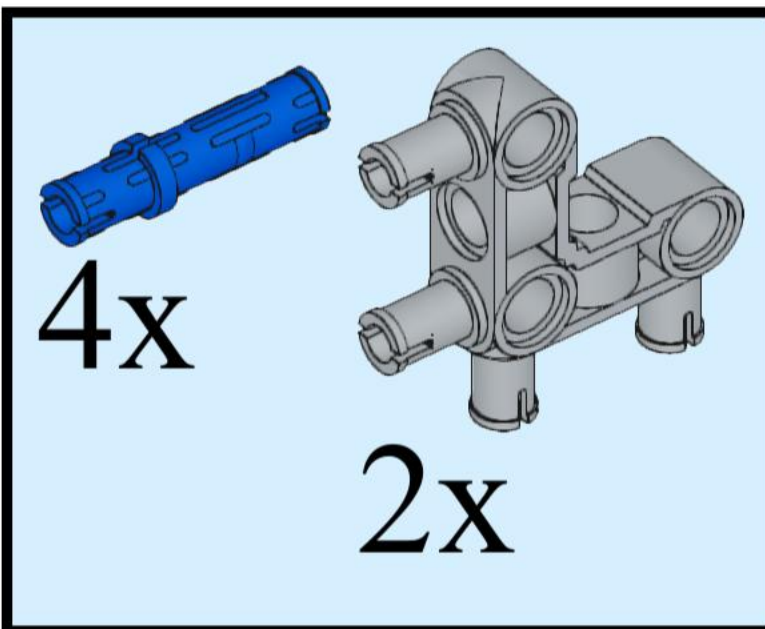
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Youtube  me!

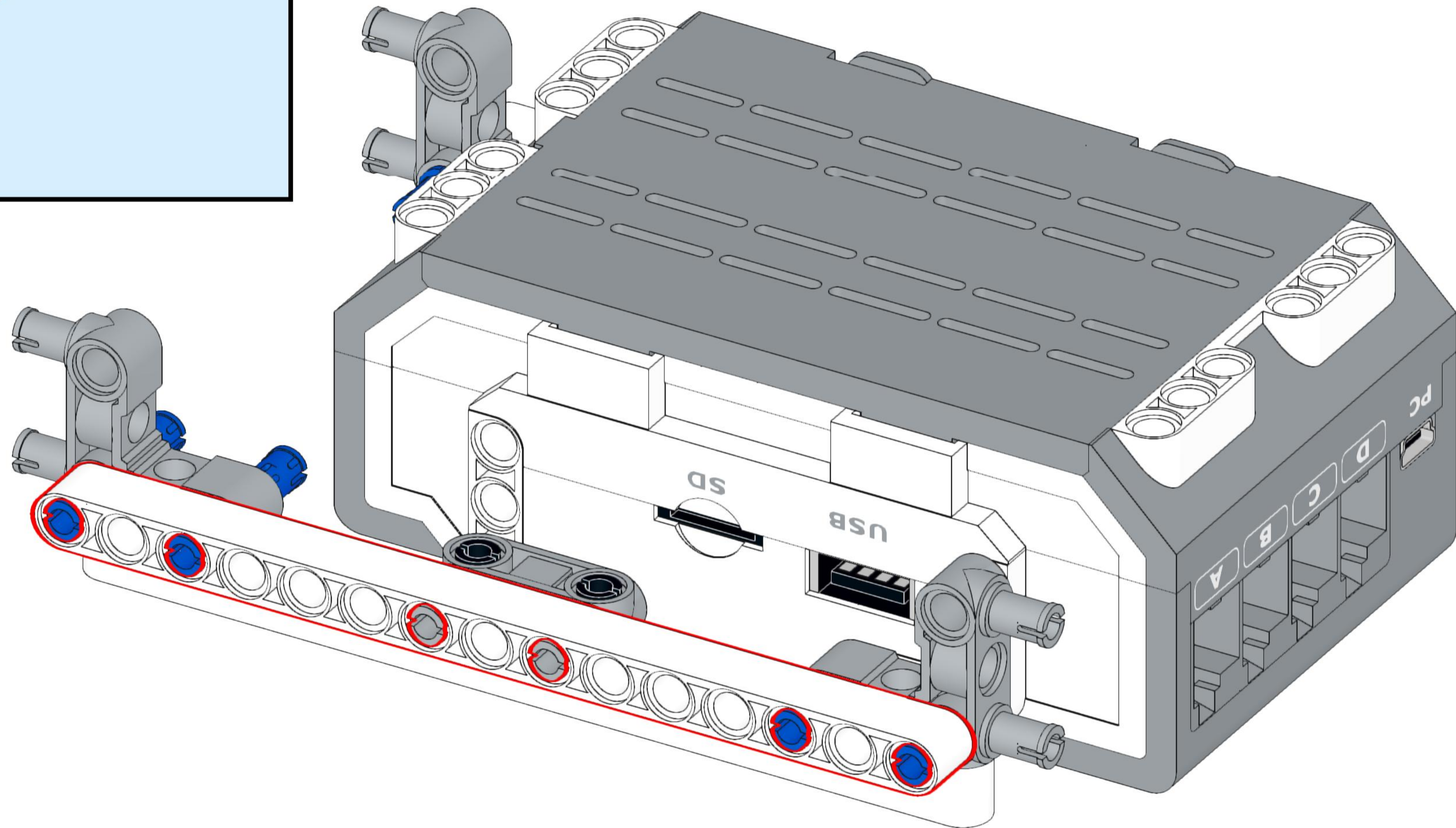
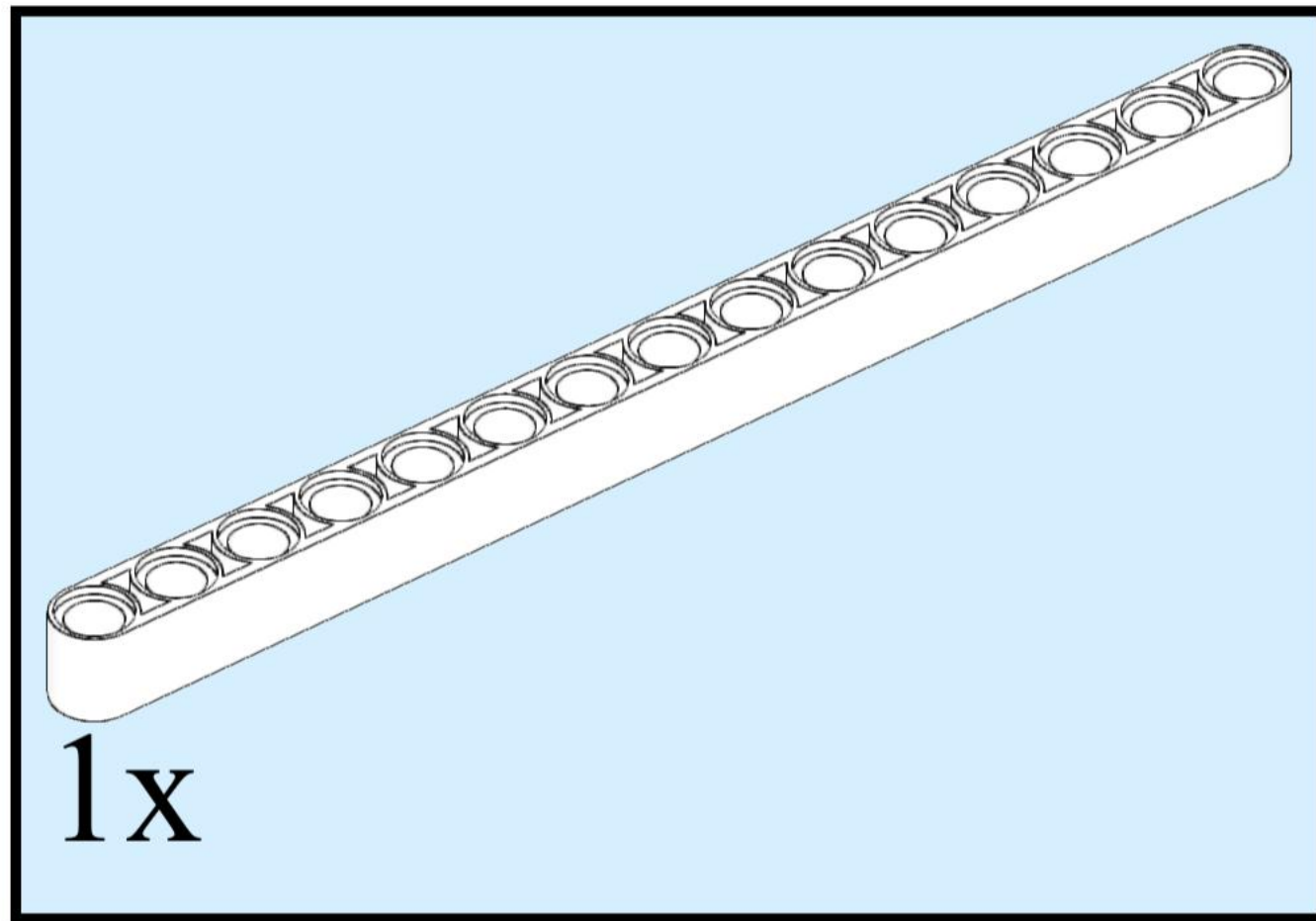
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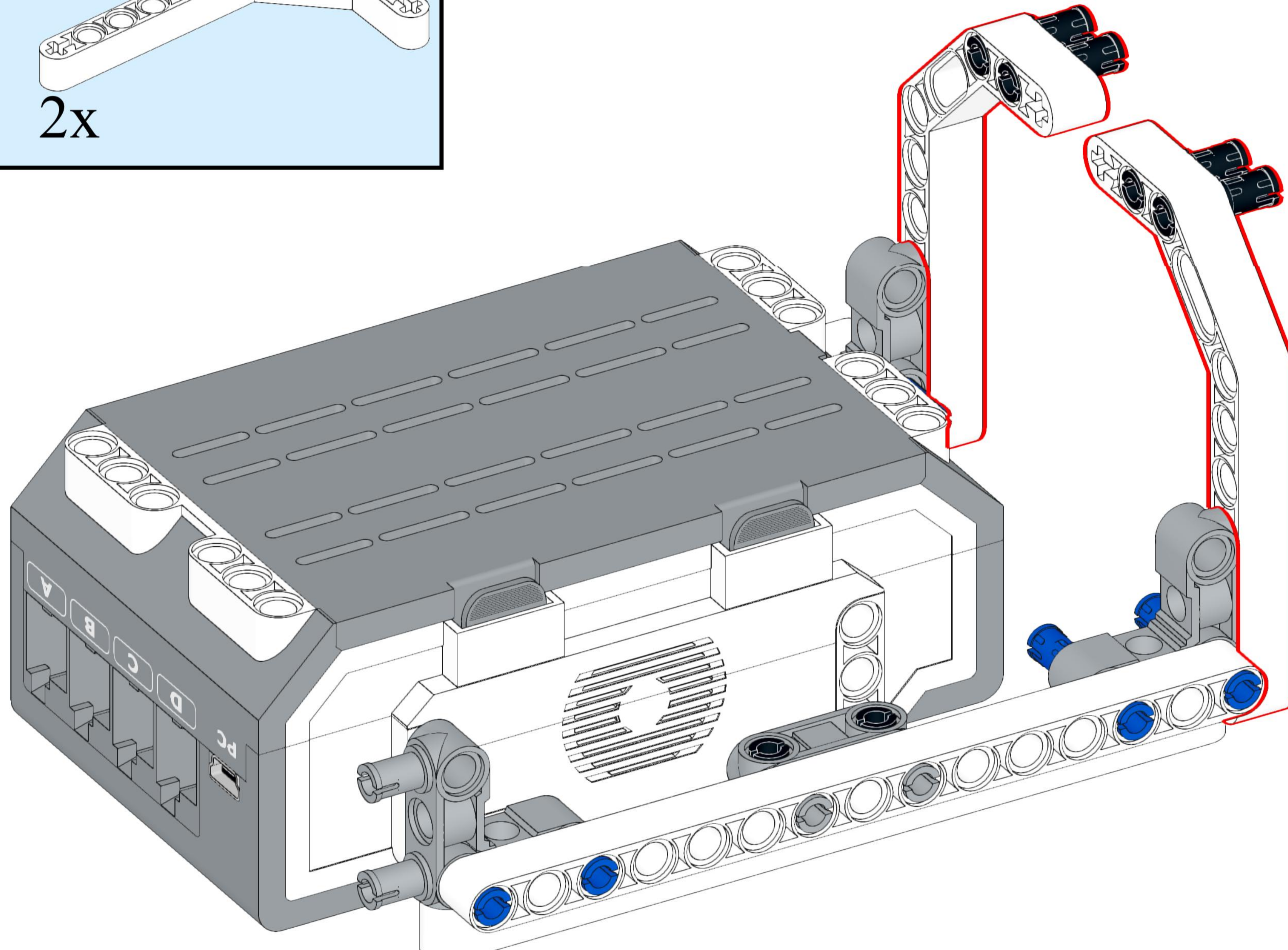
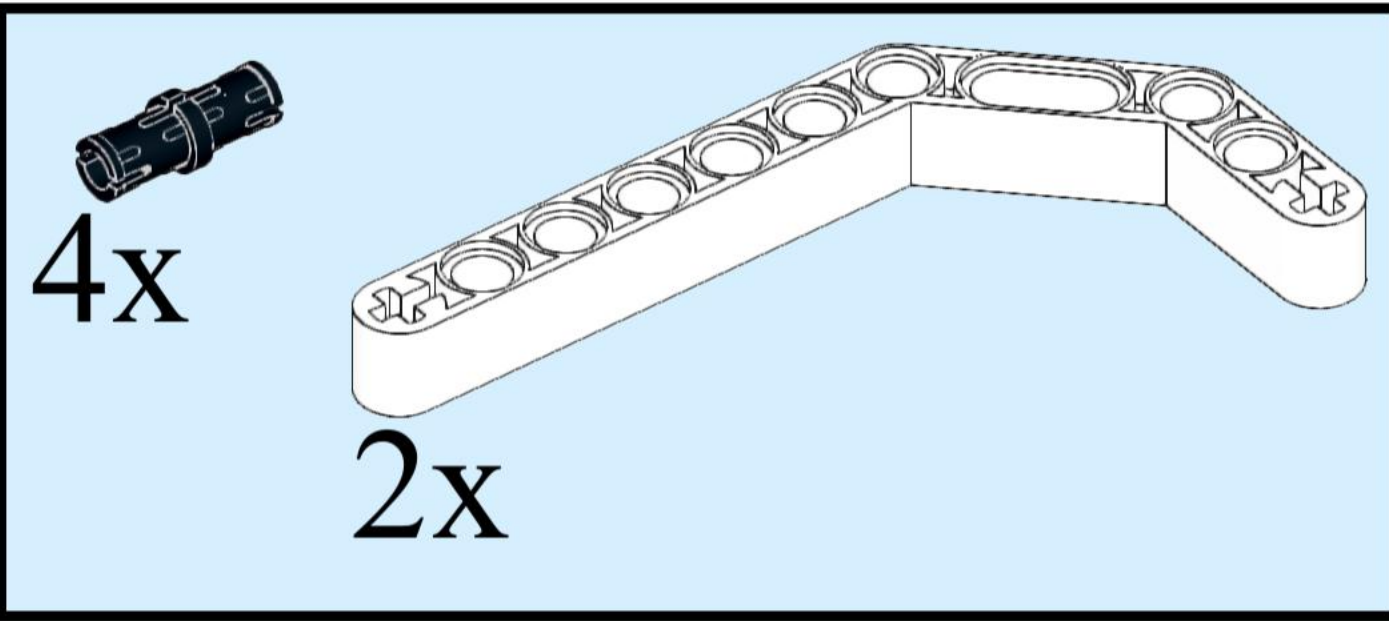
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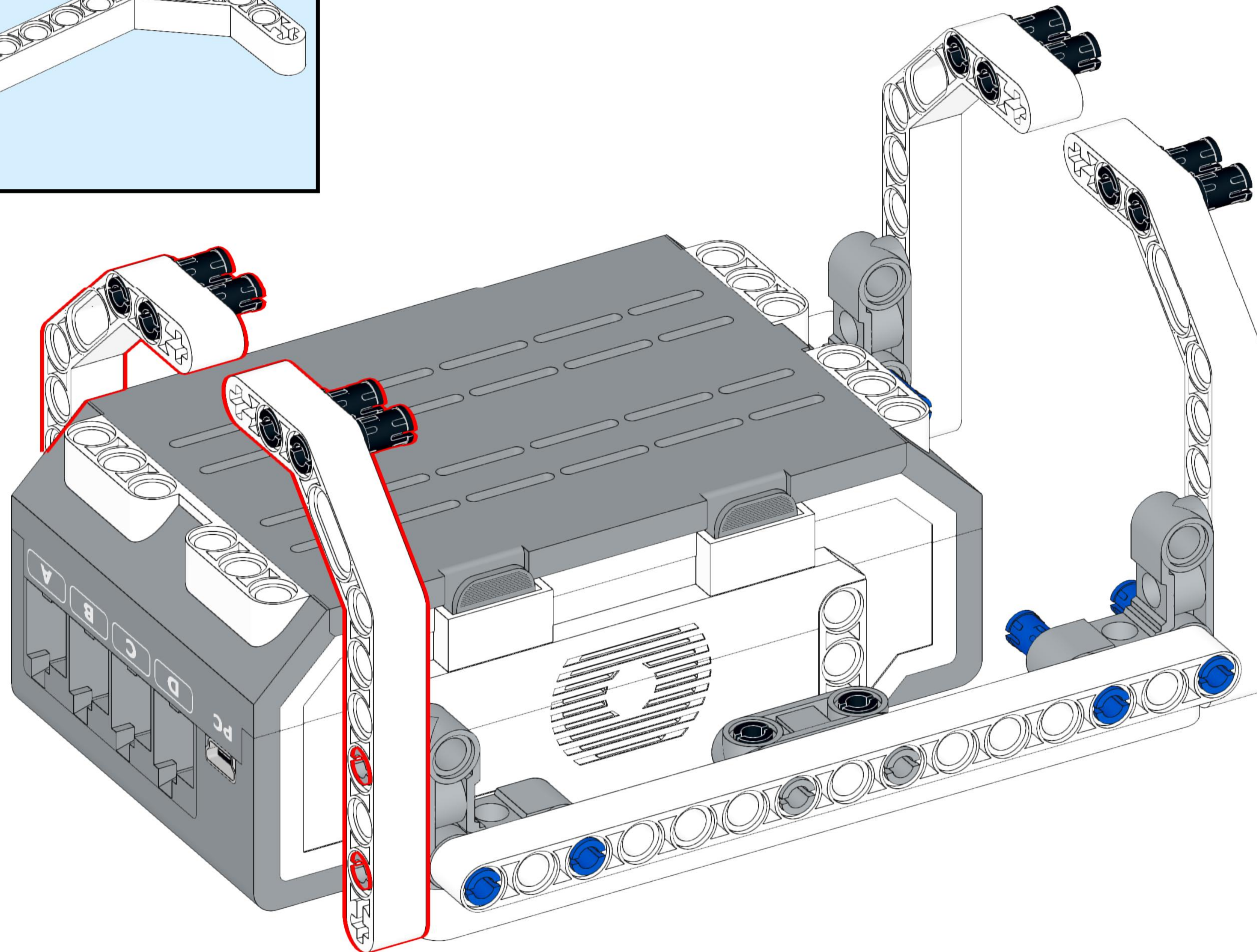
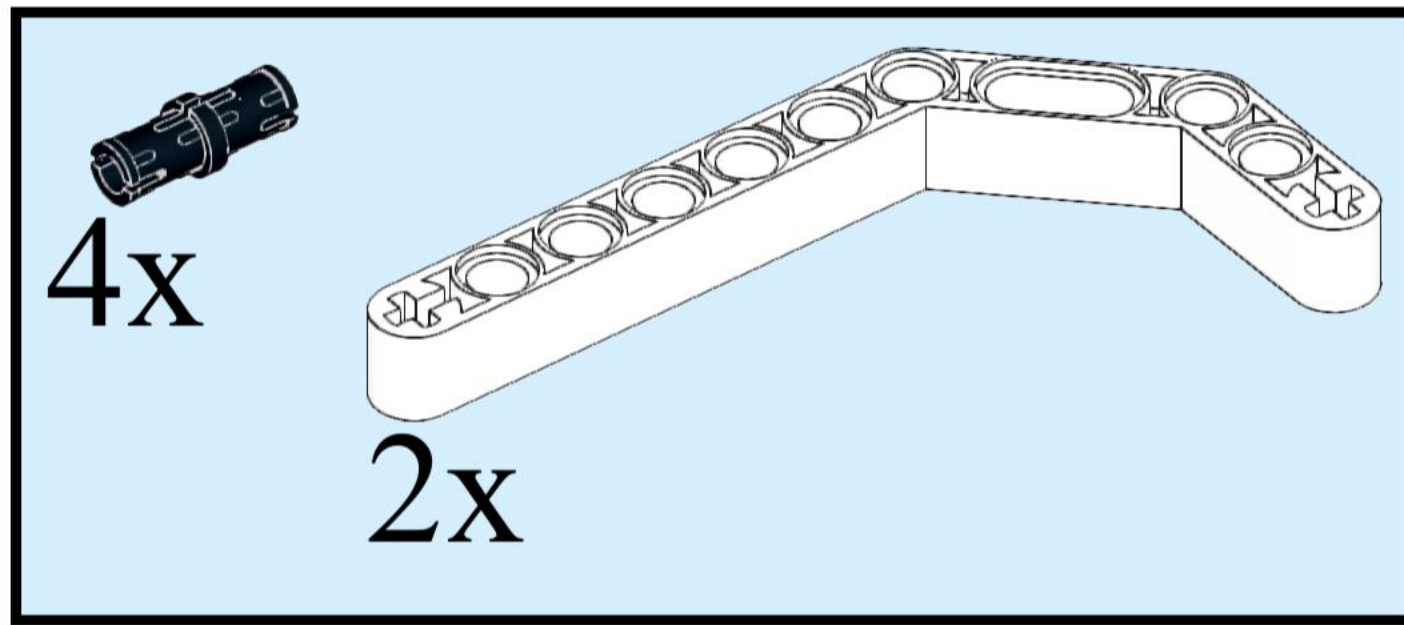
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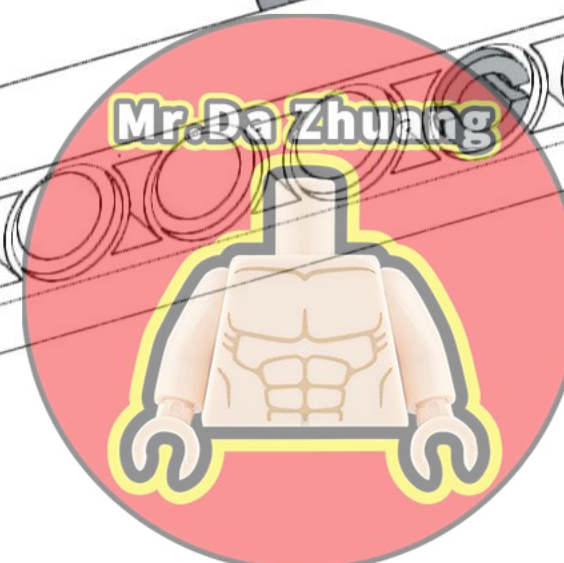
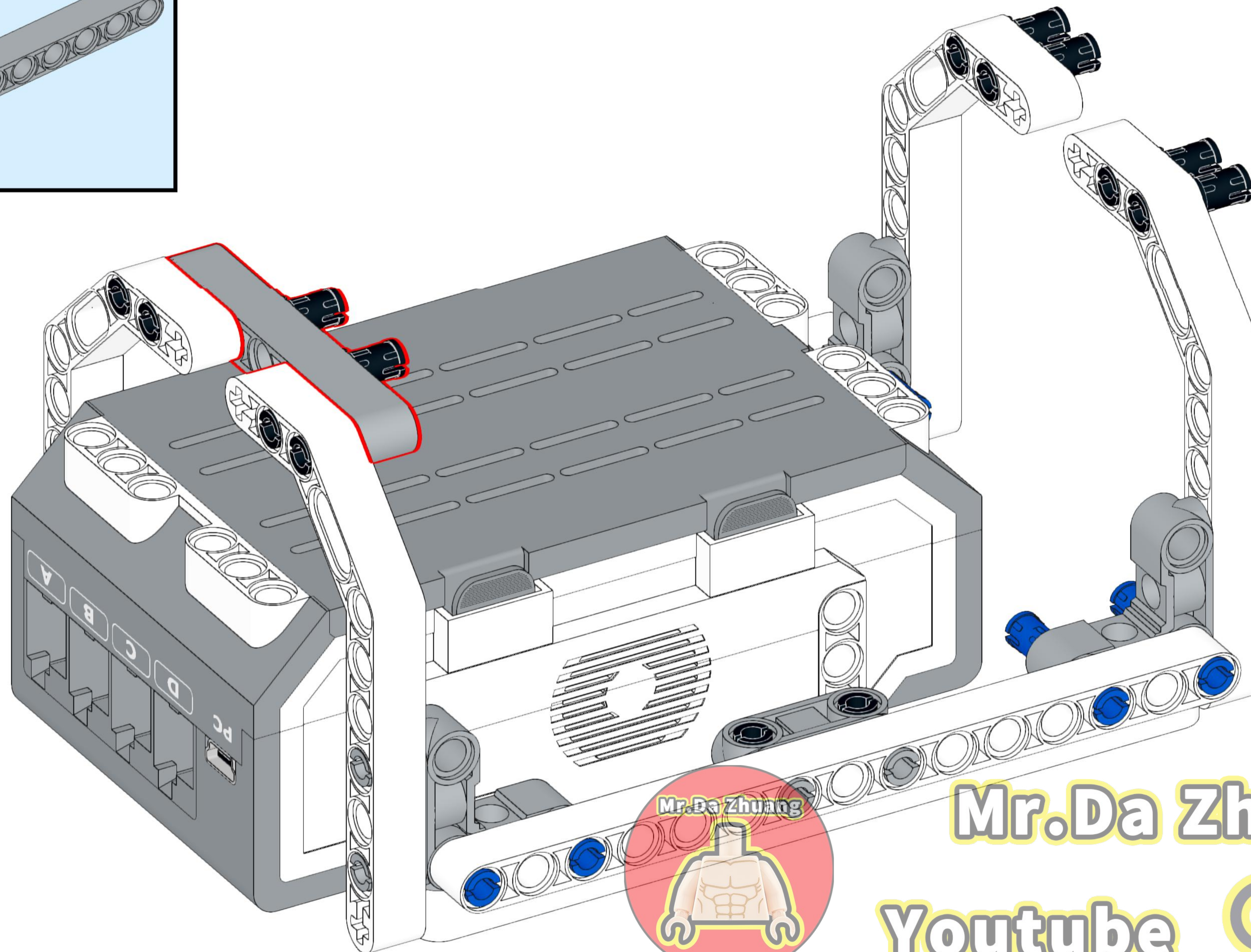
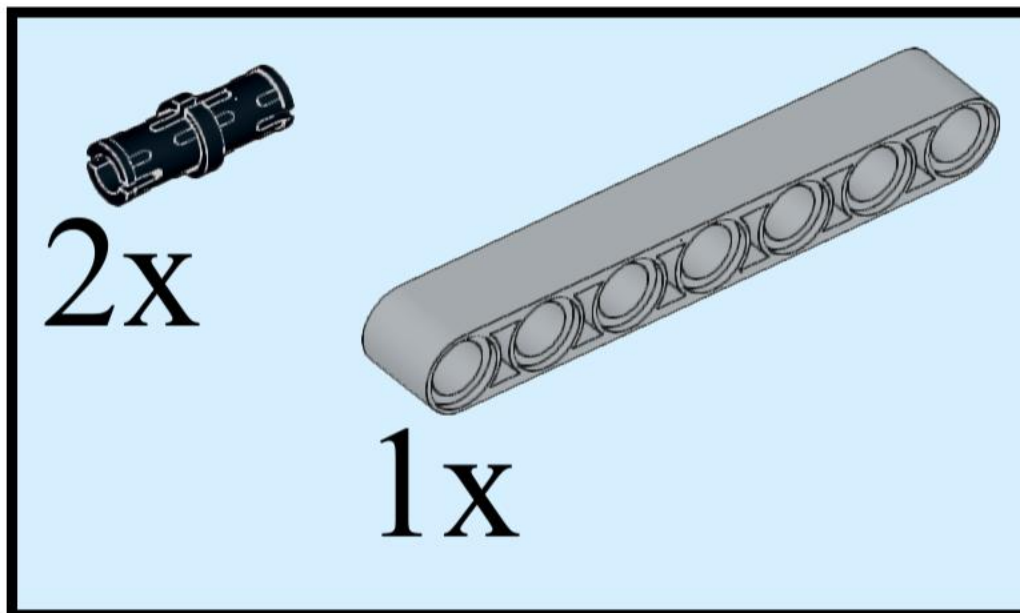
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31

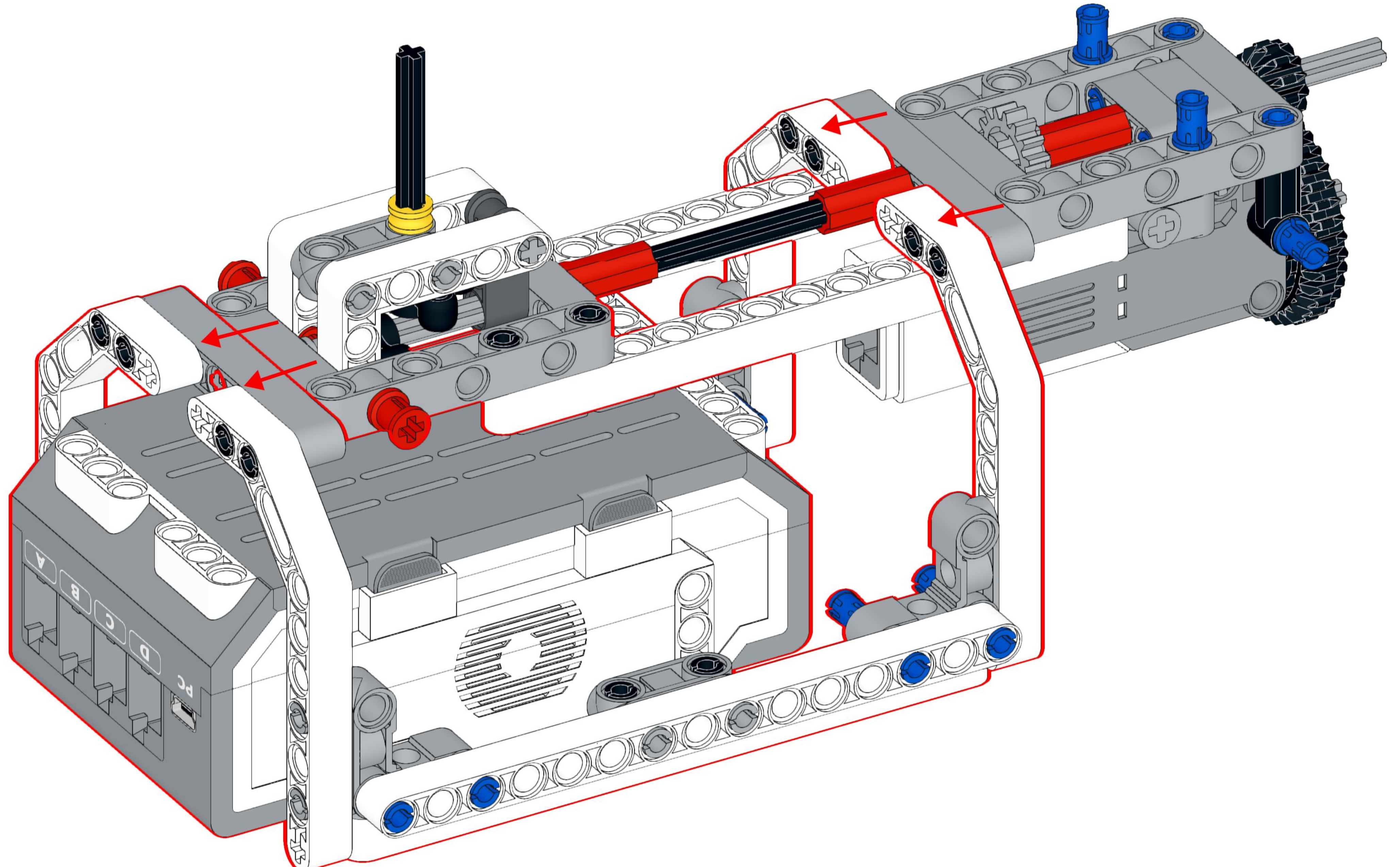


32



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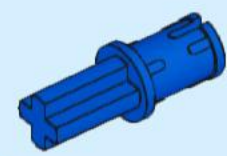
Youtube  me!



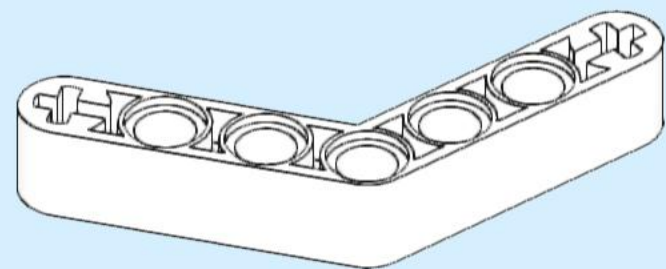
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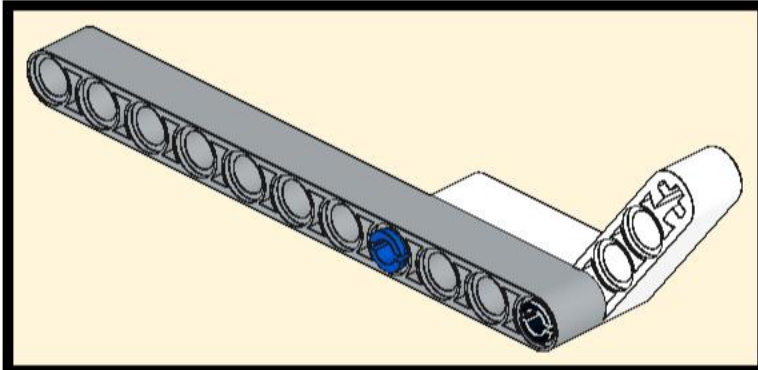
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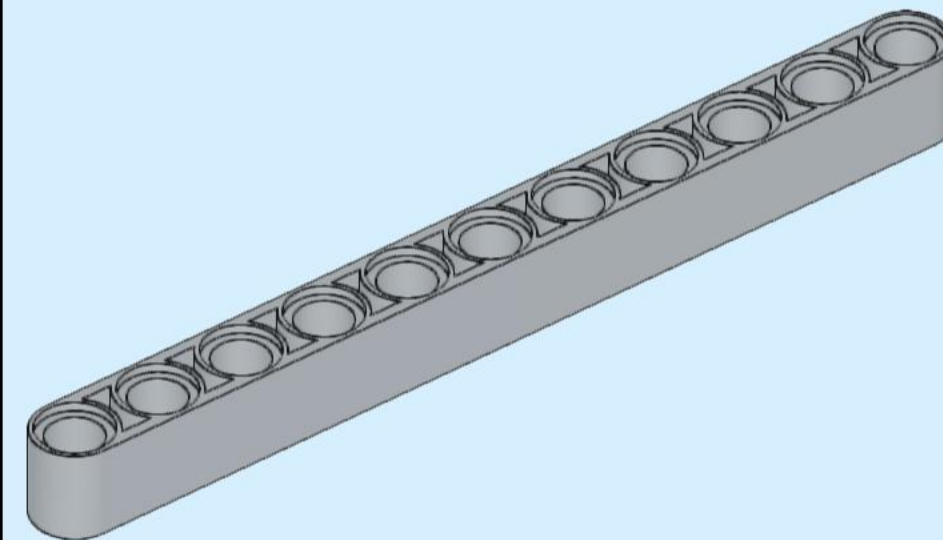
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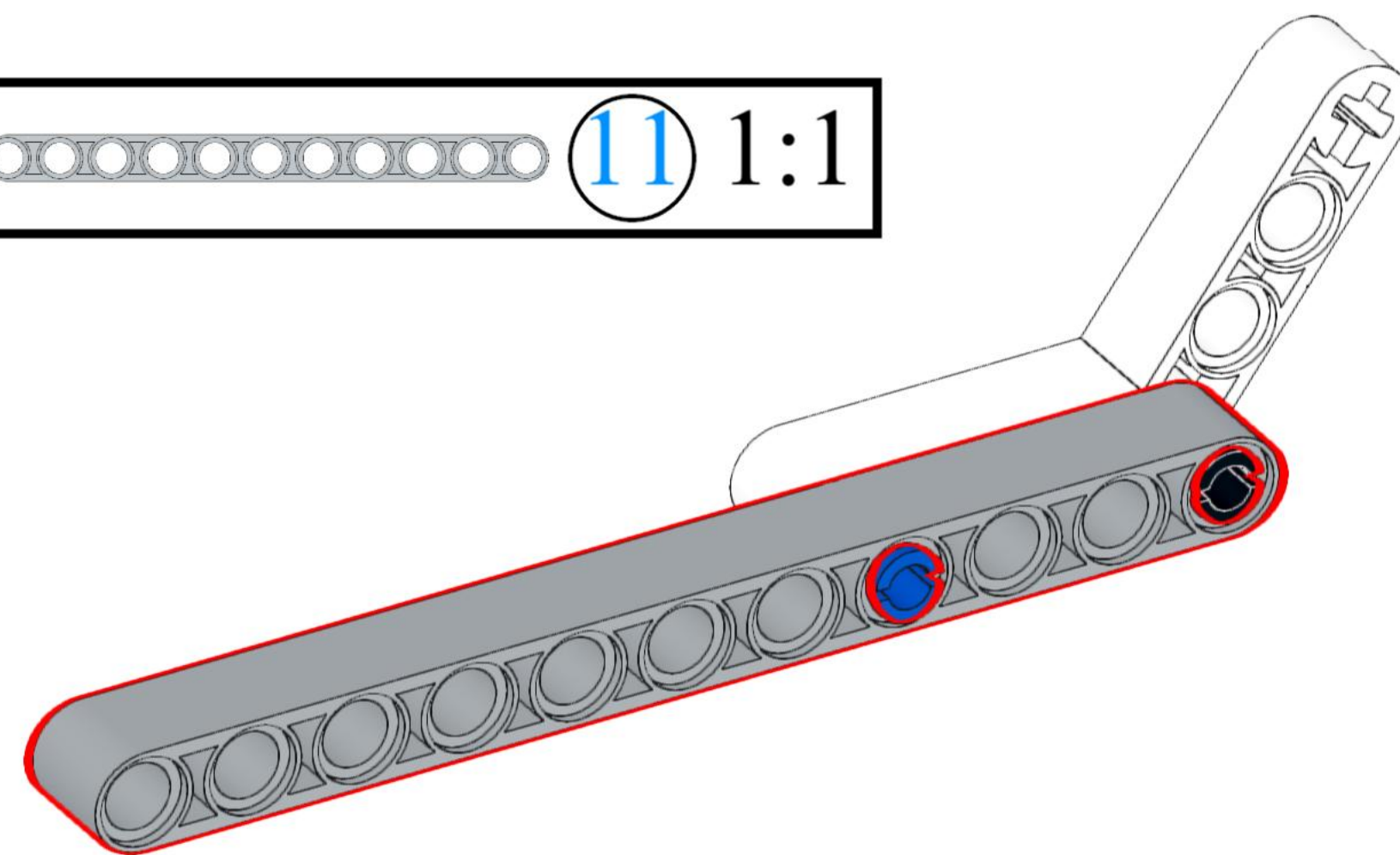
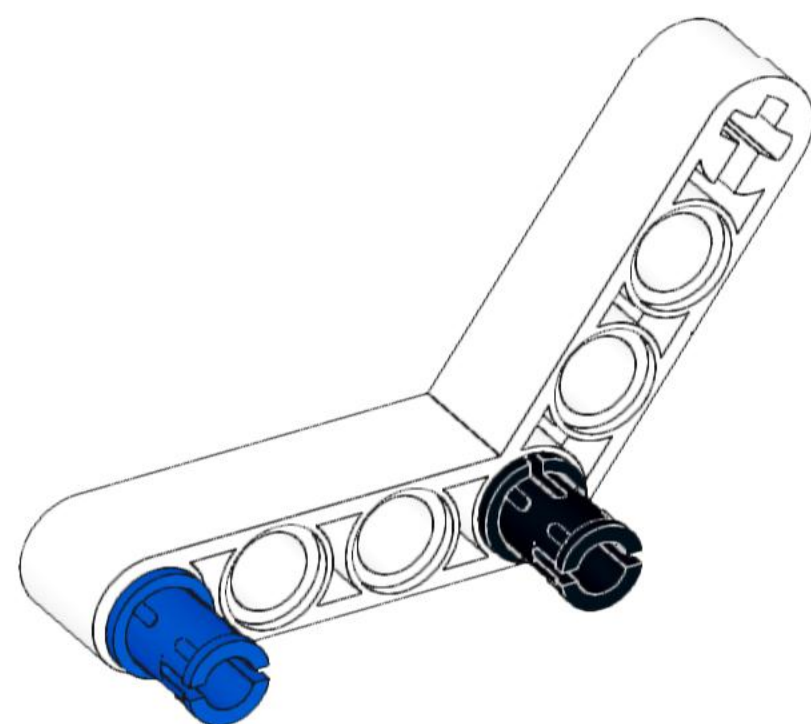
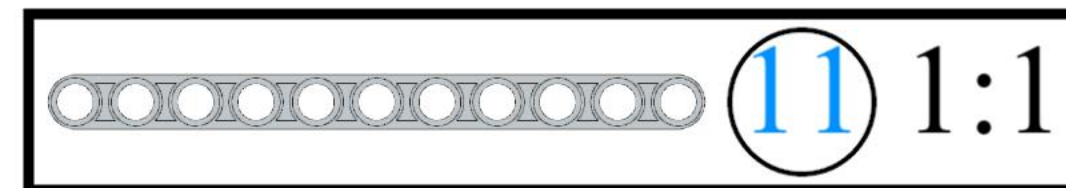
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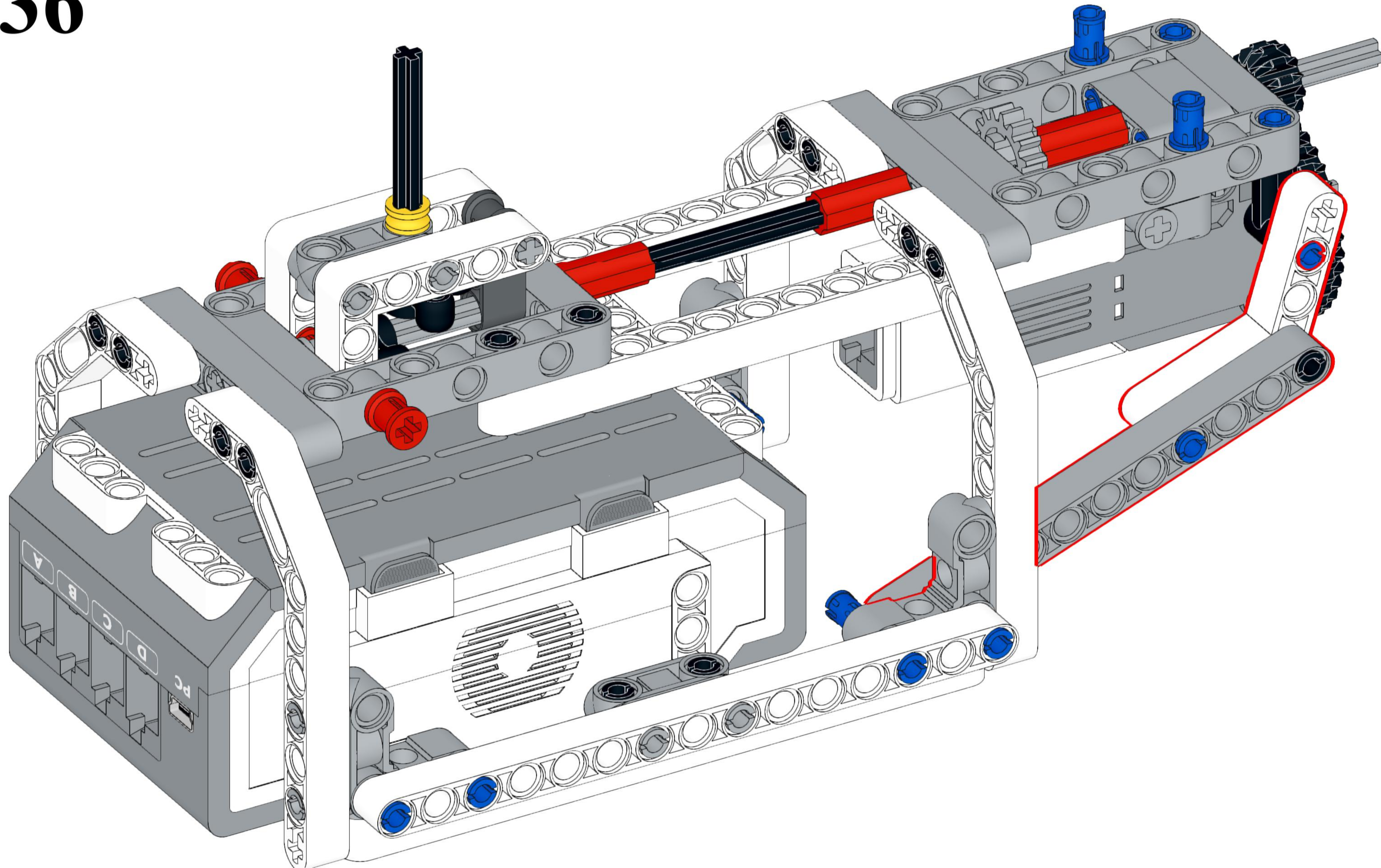
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1x



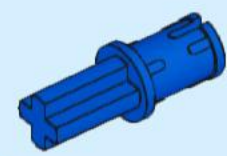
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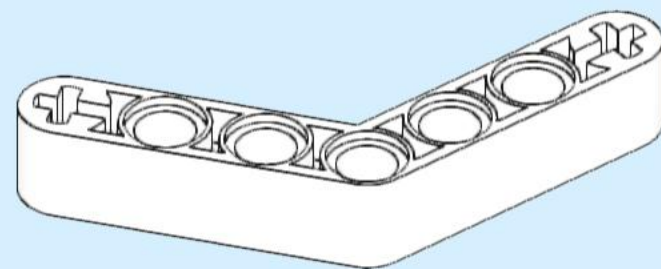
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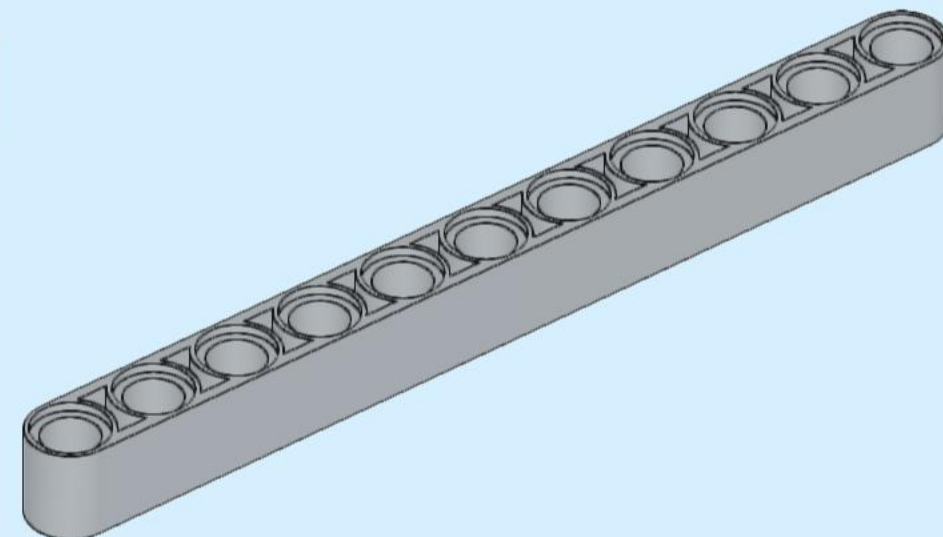
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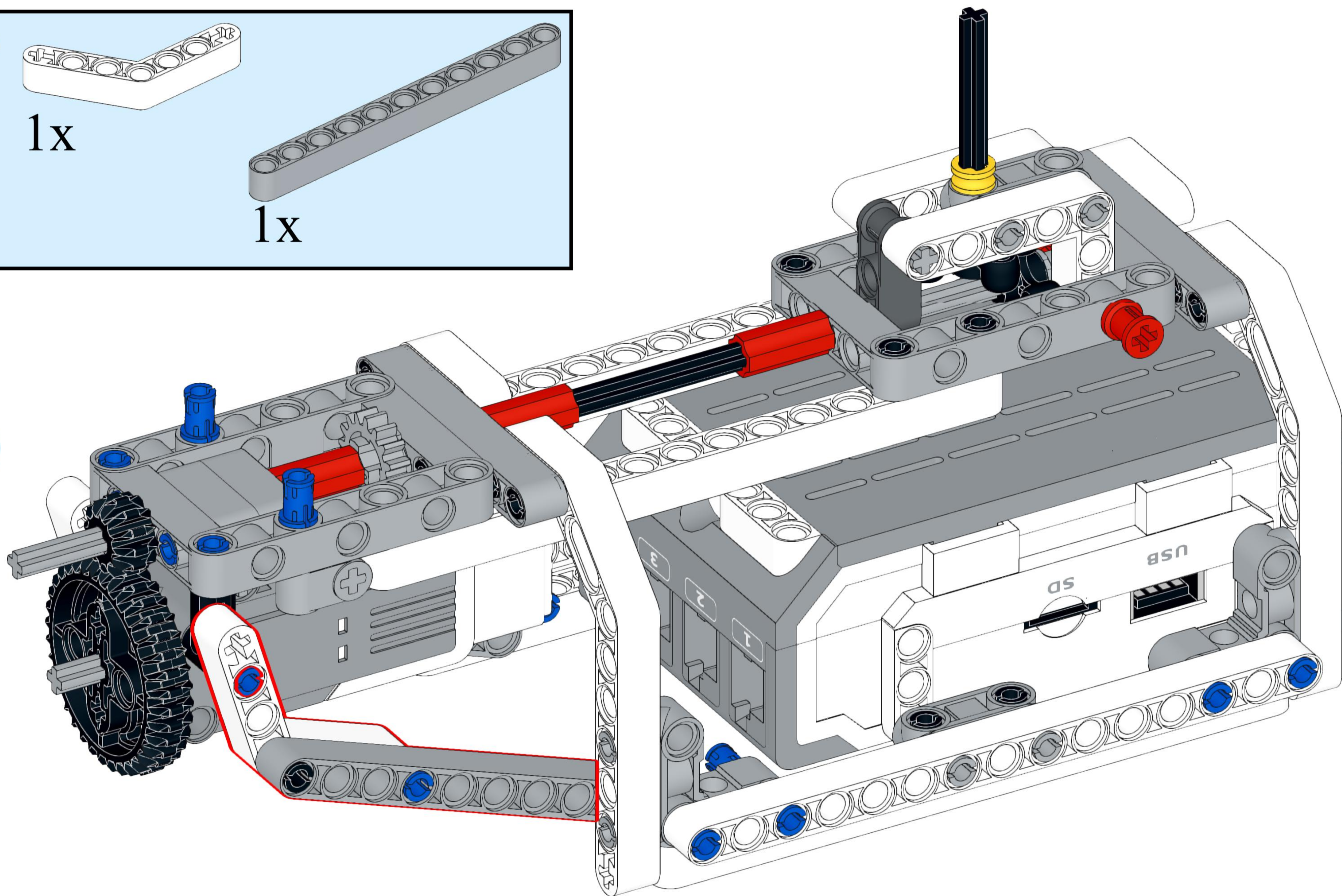
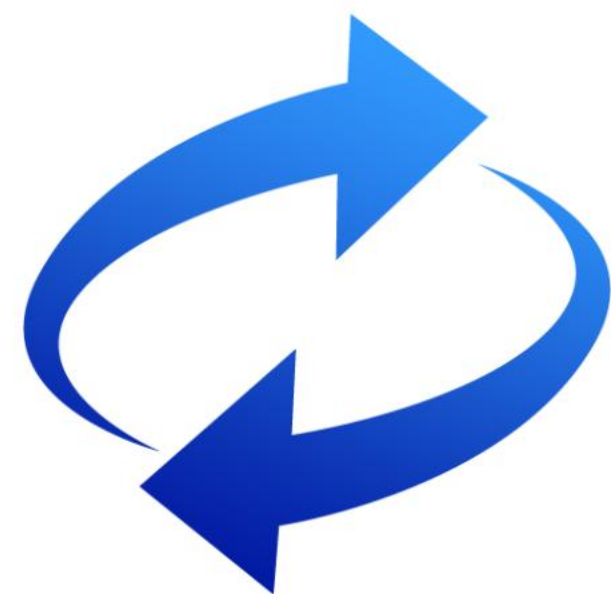
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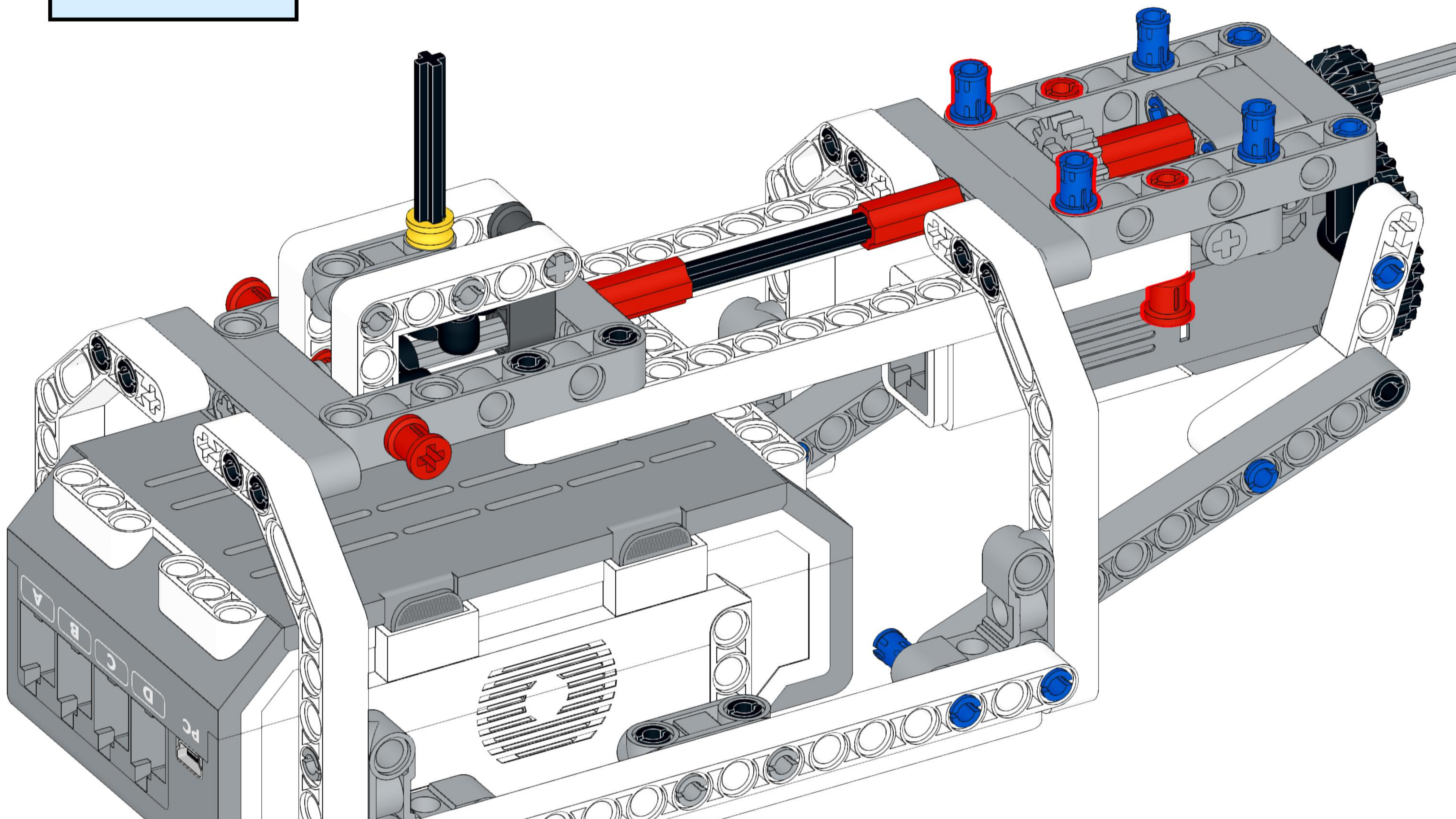
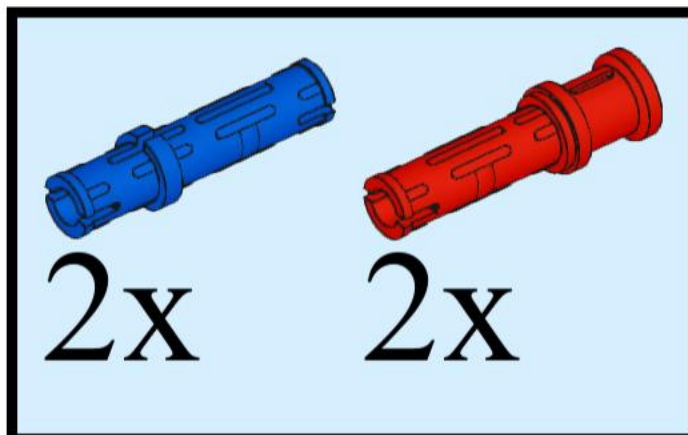
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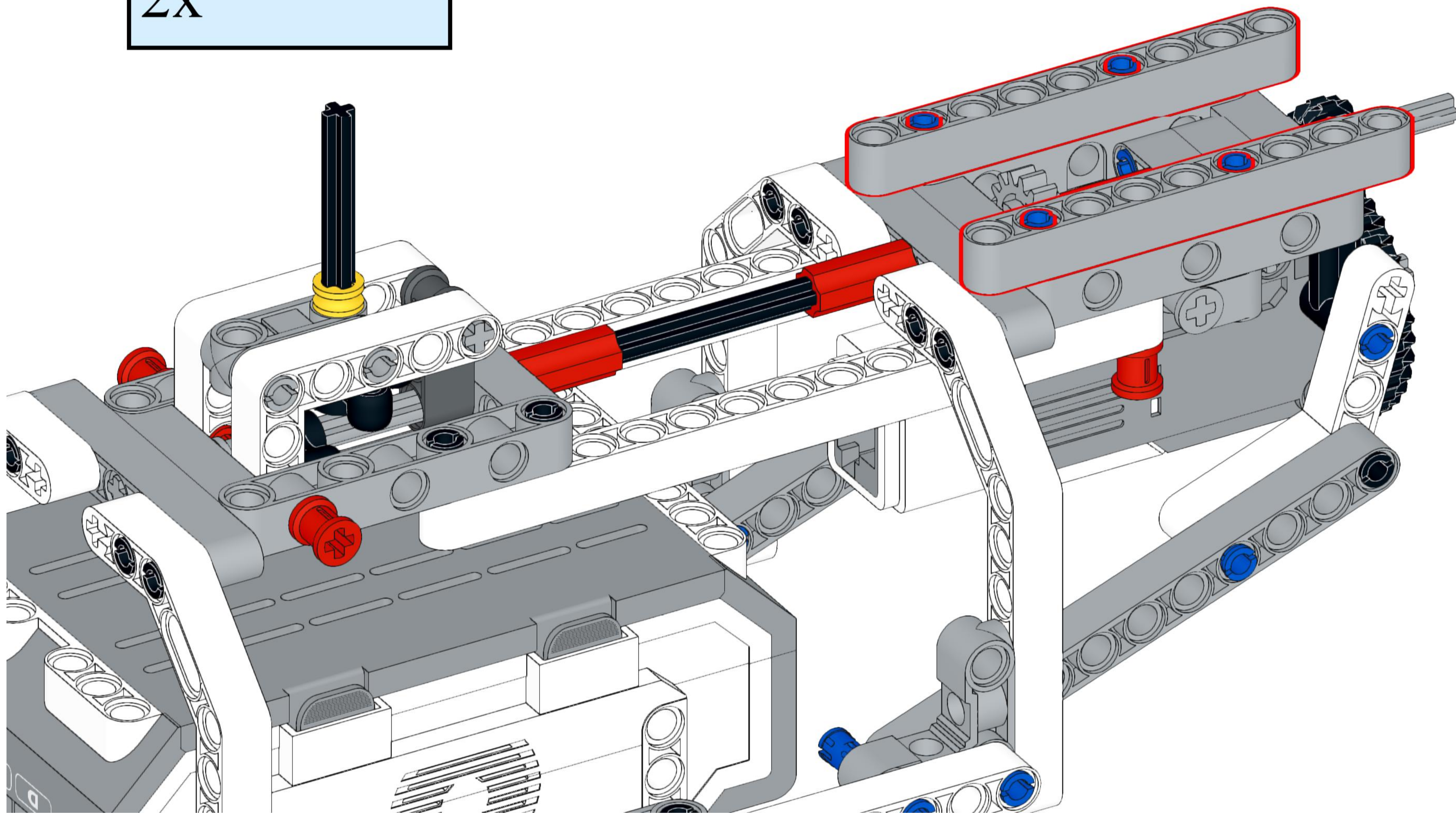
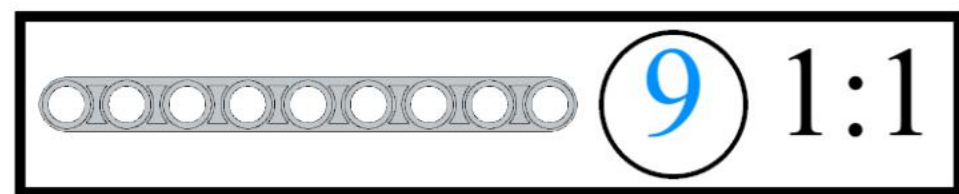
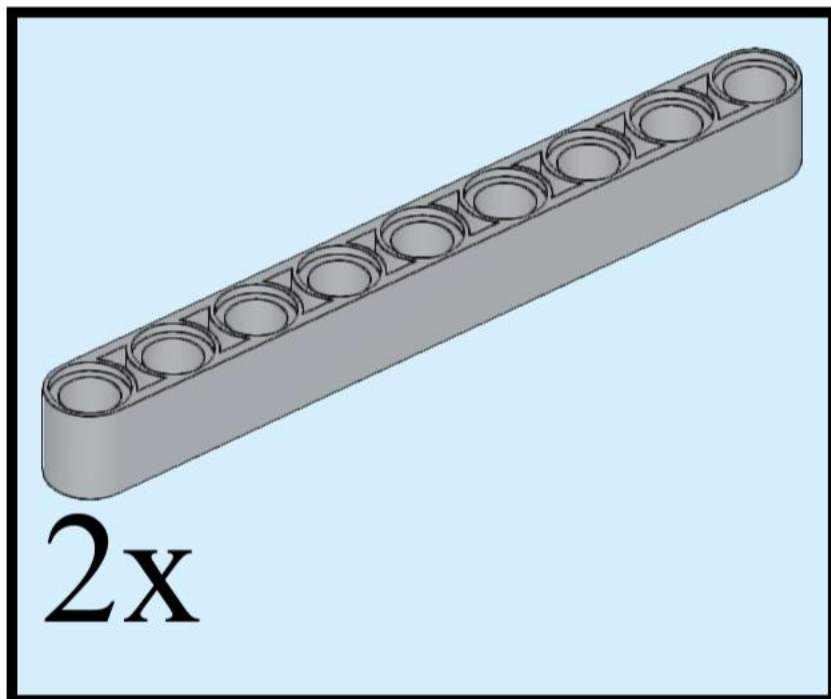
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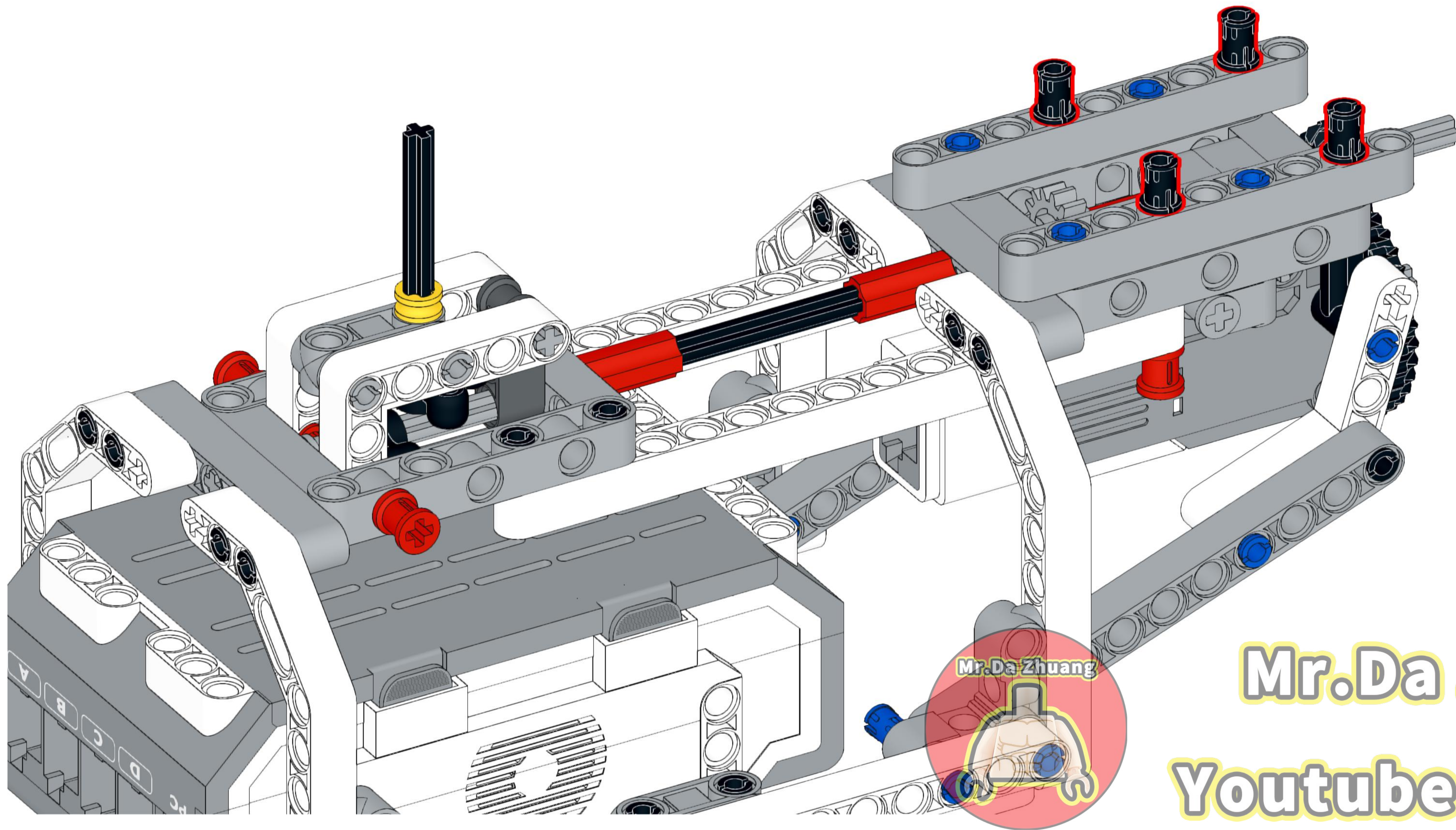
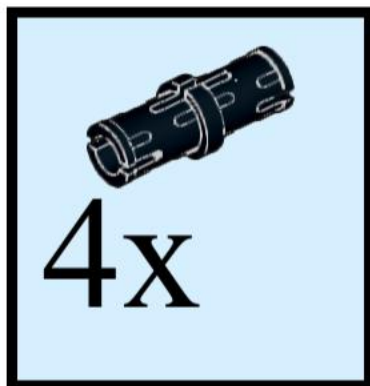
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39



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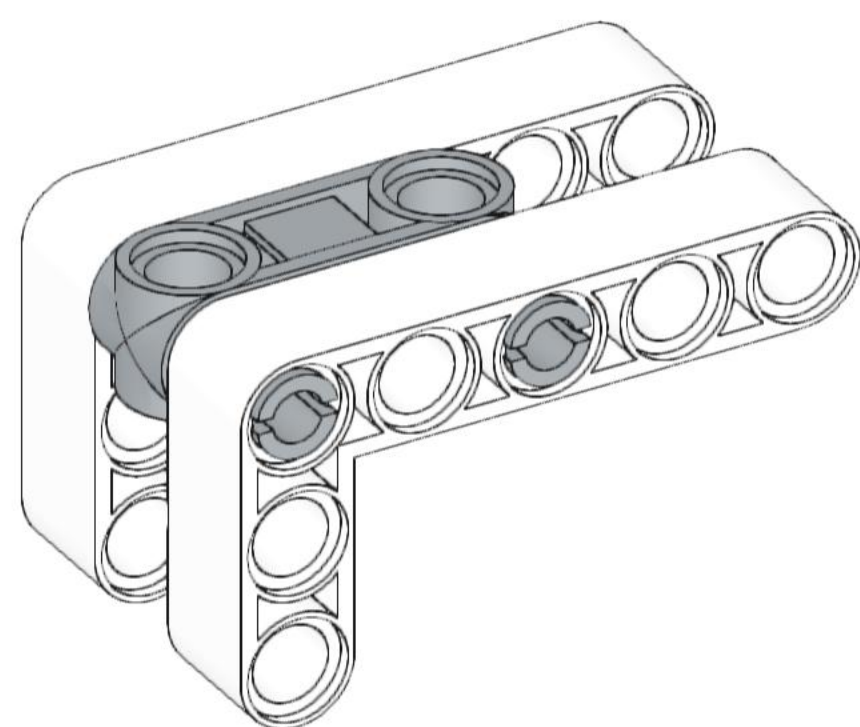
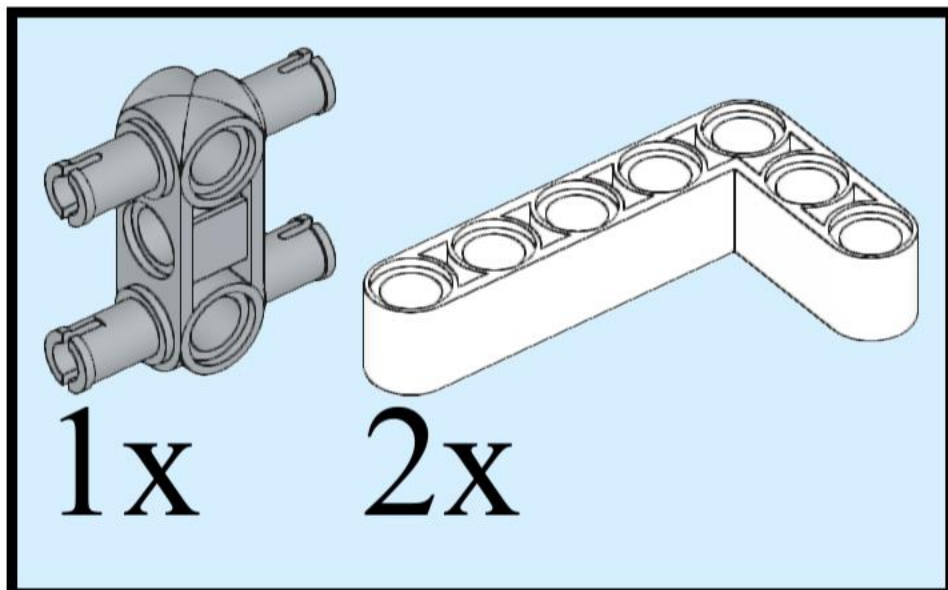


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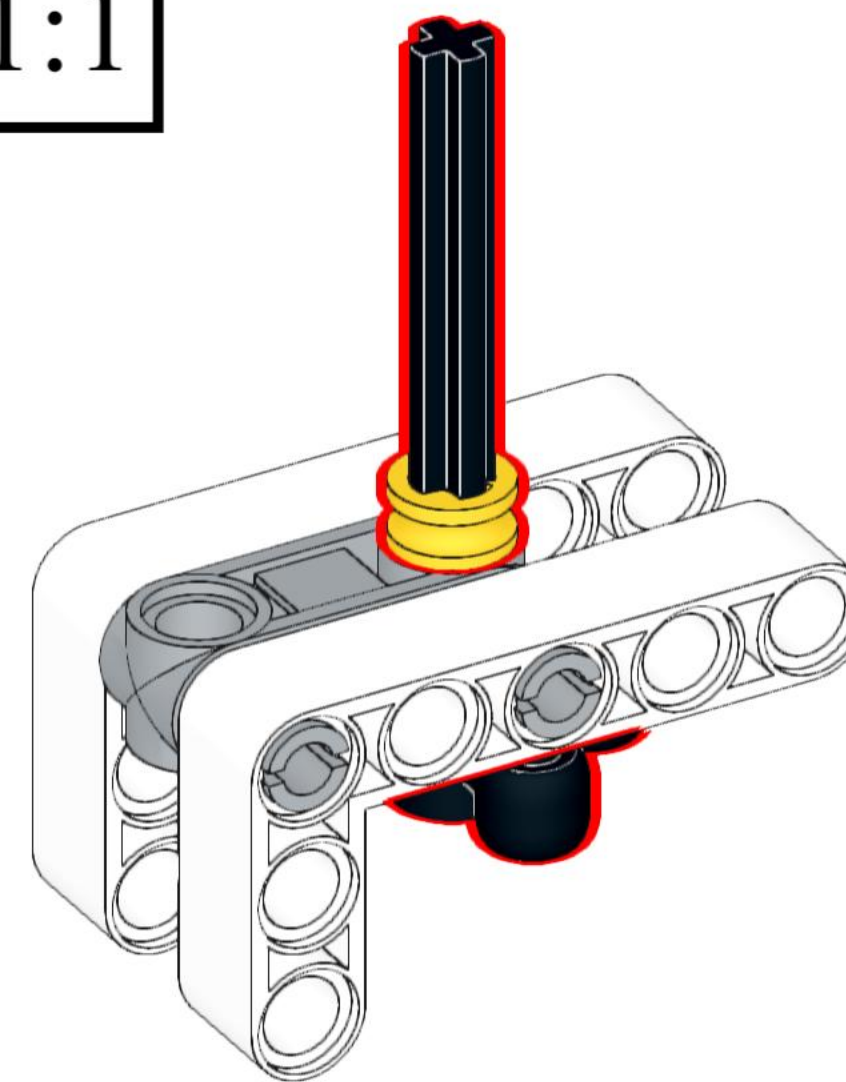
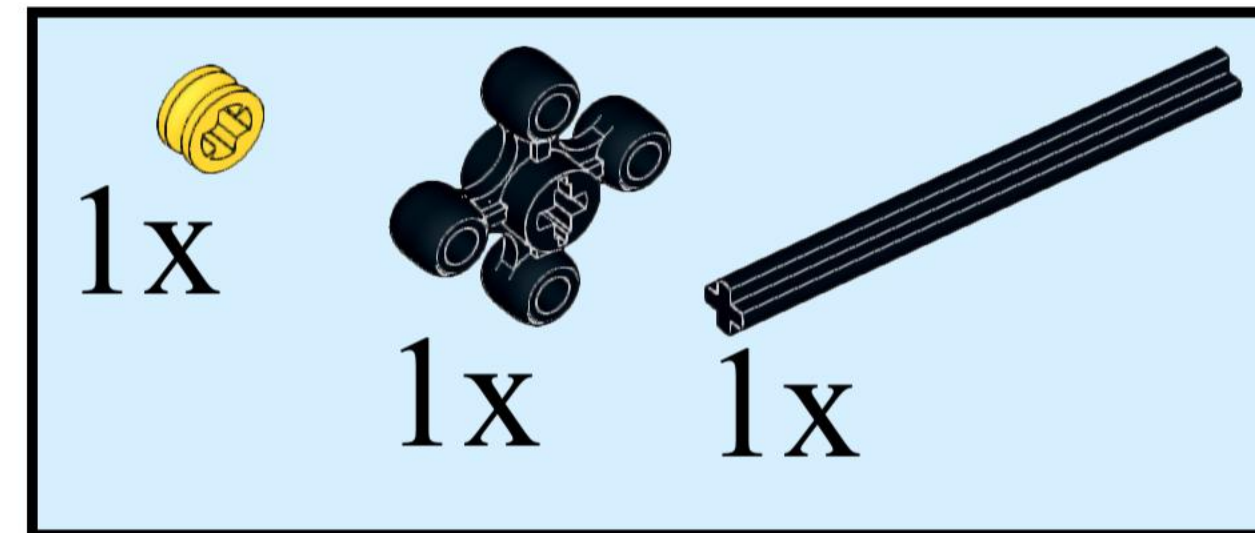
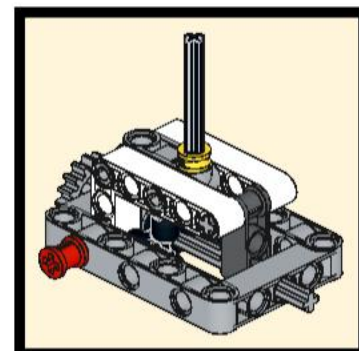
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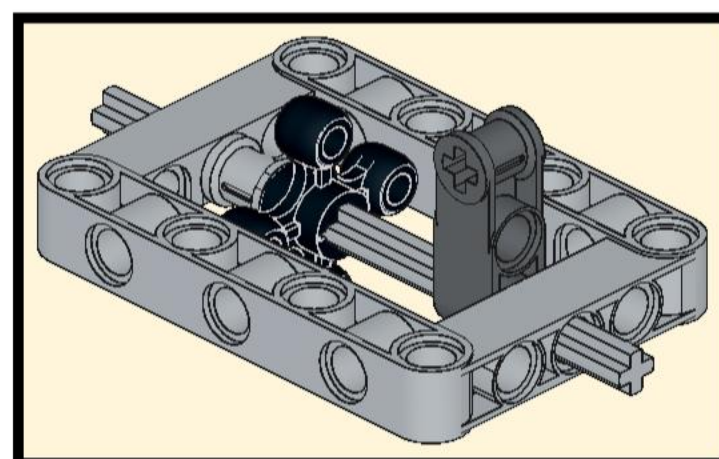
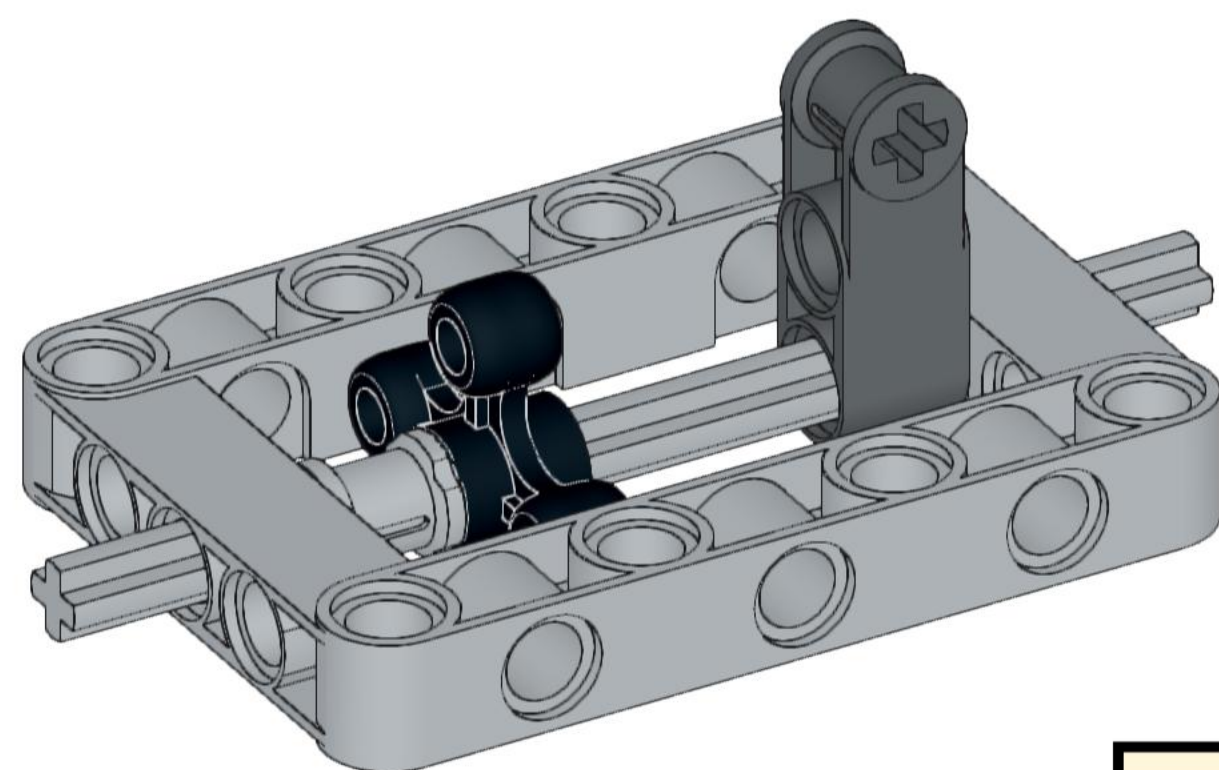
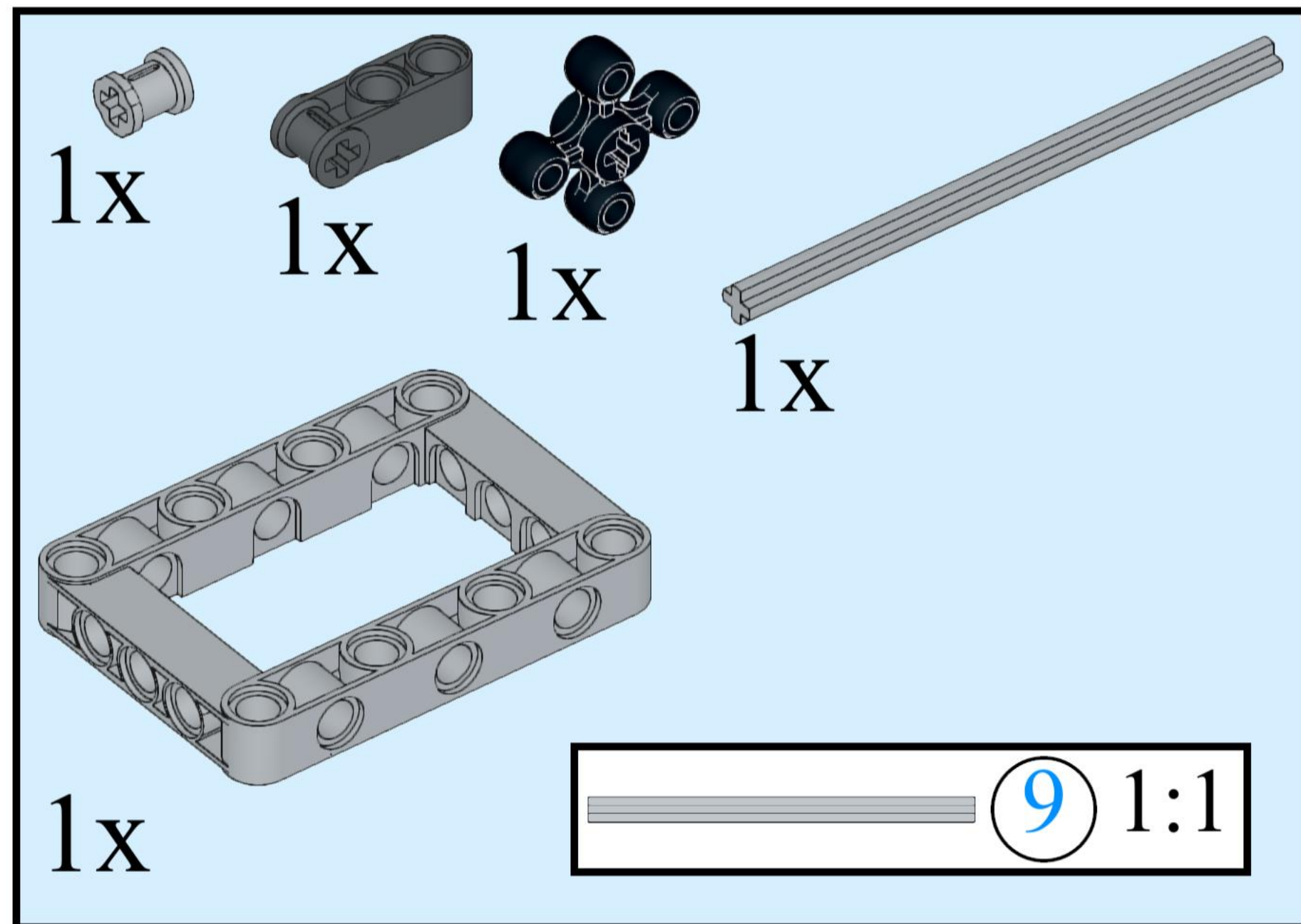
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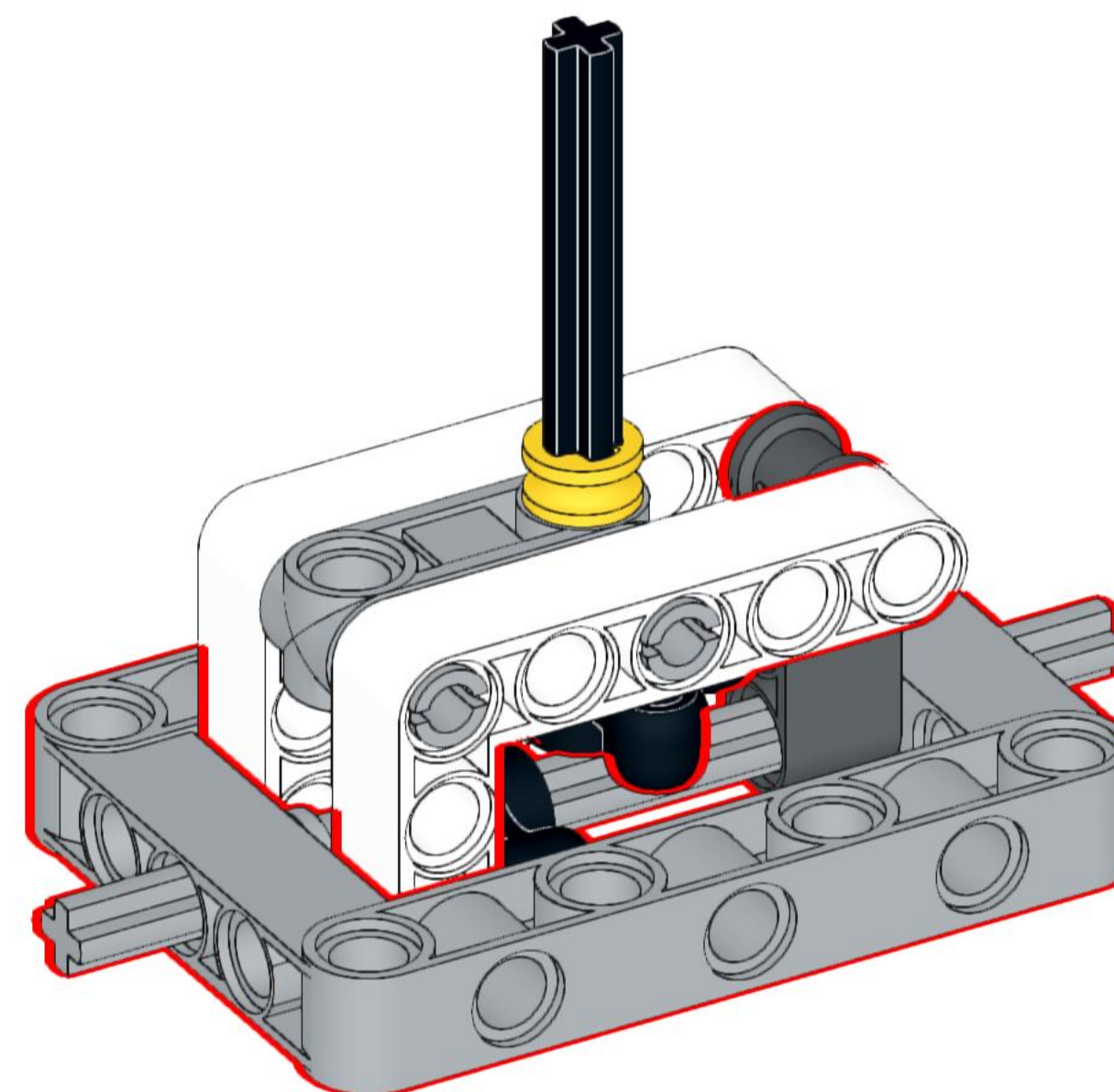
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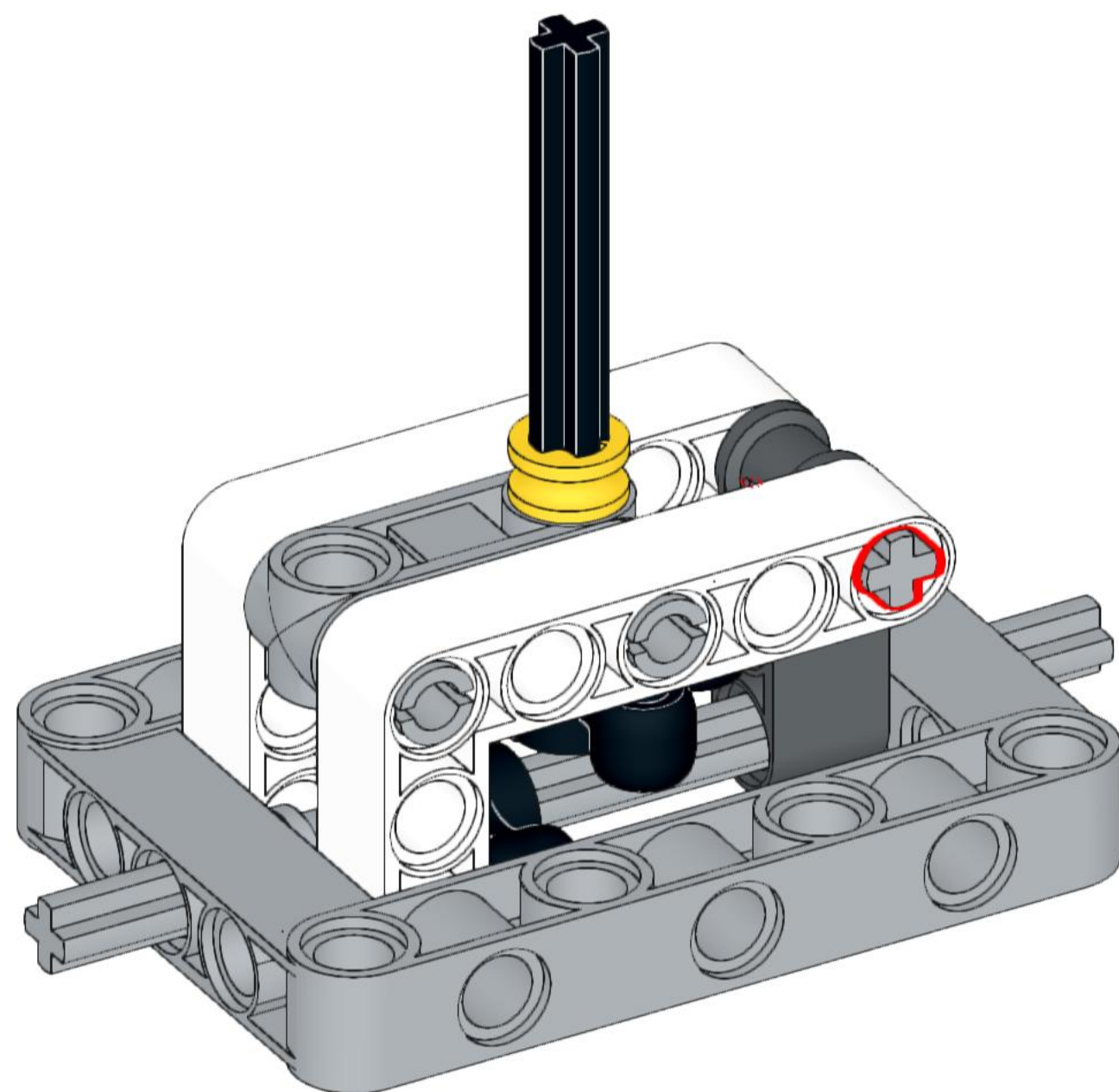
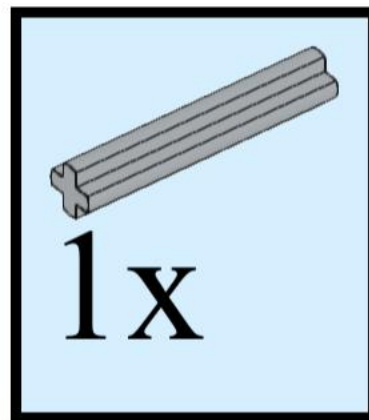
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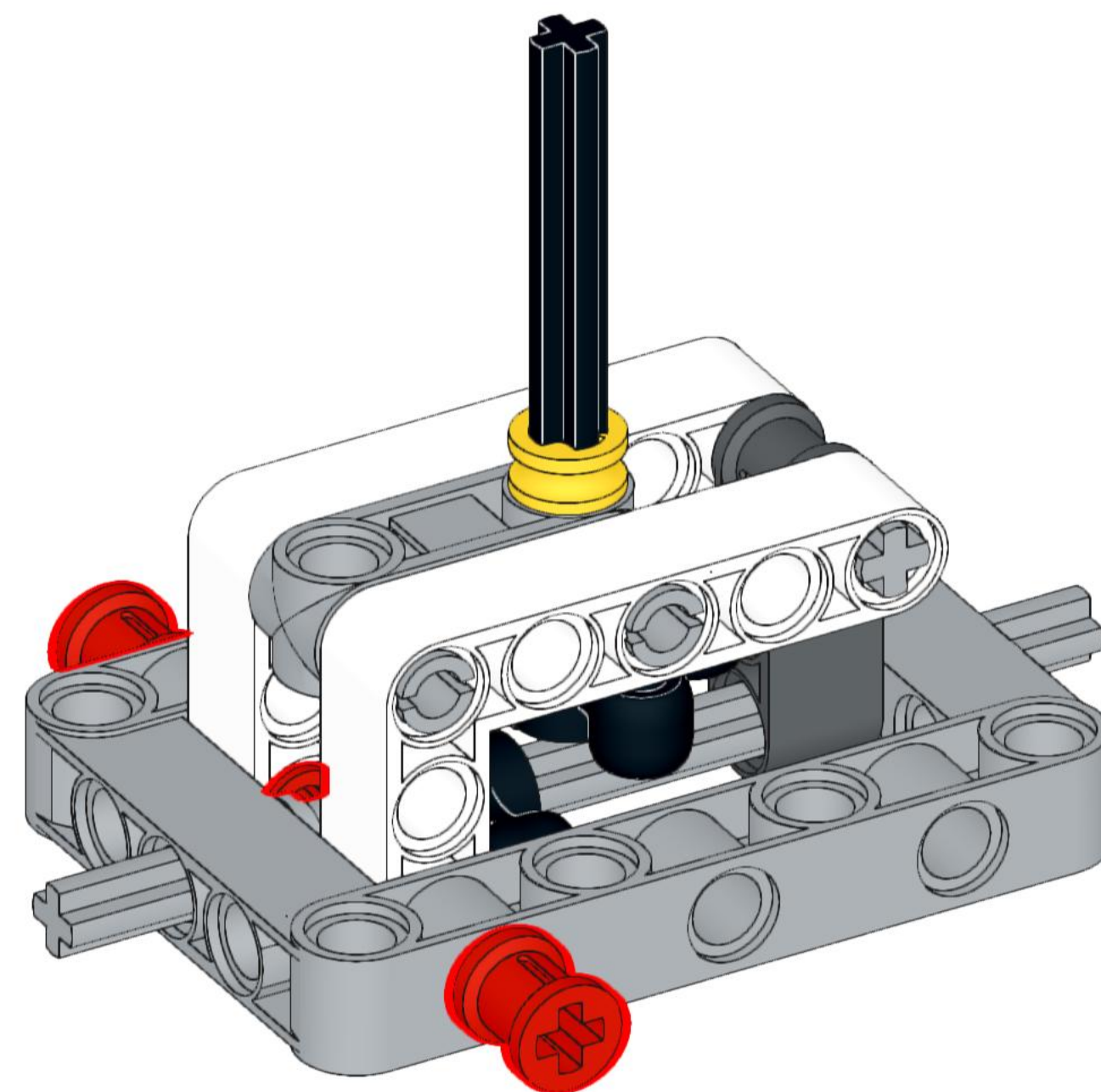
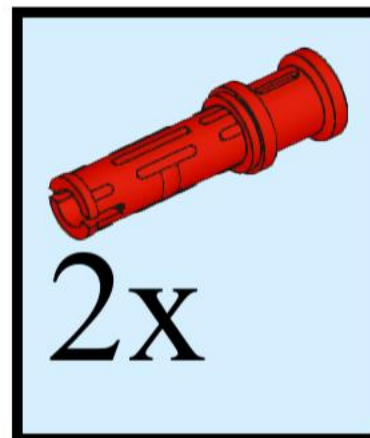
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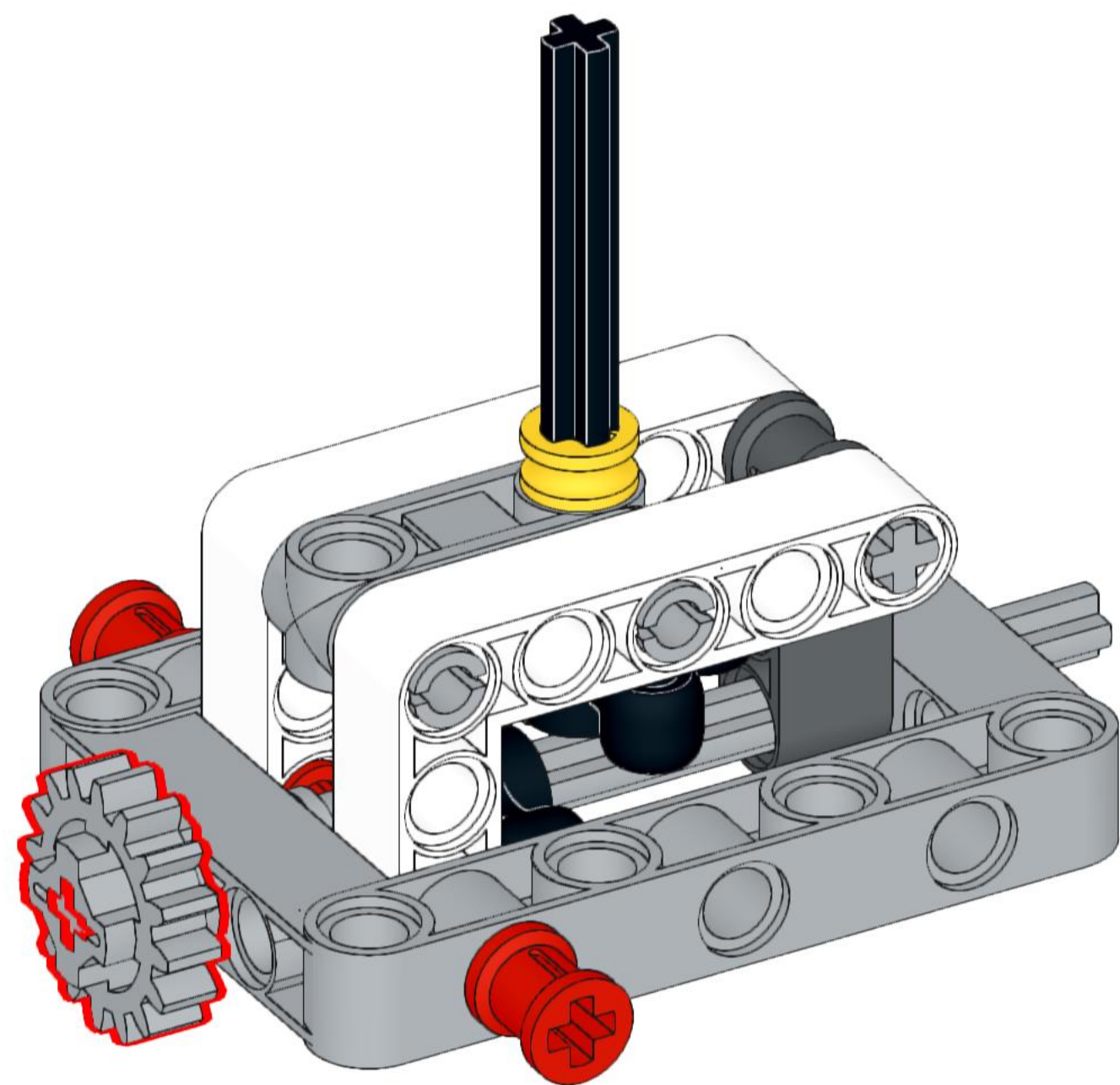
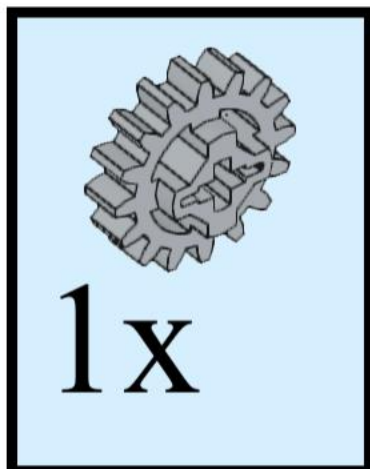
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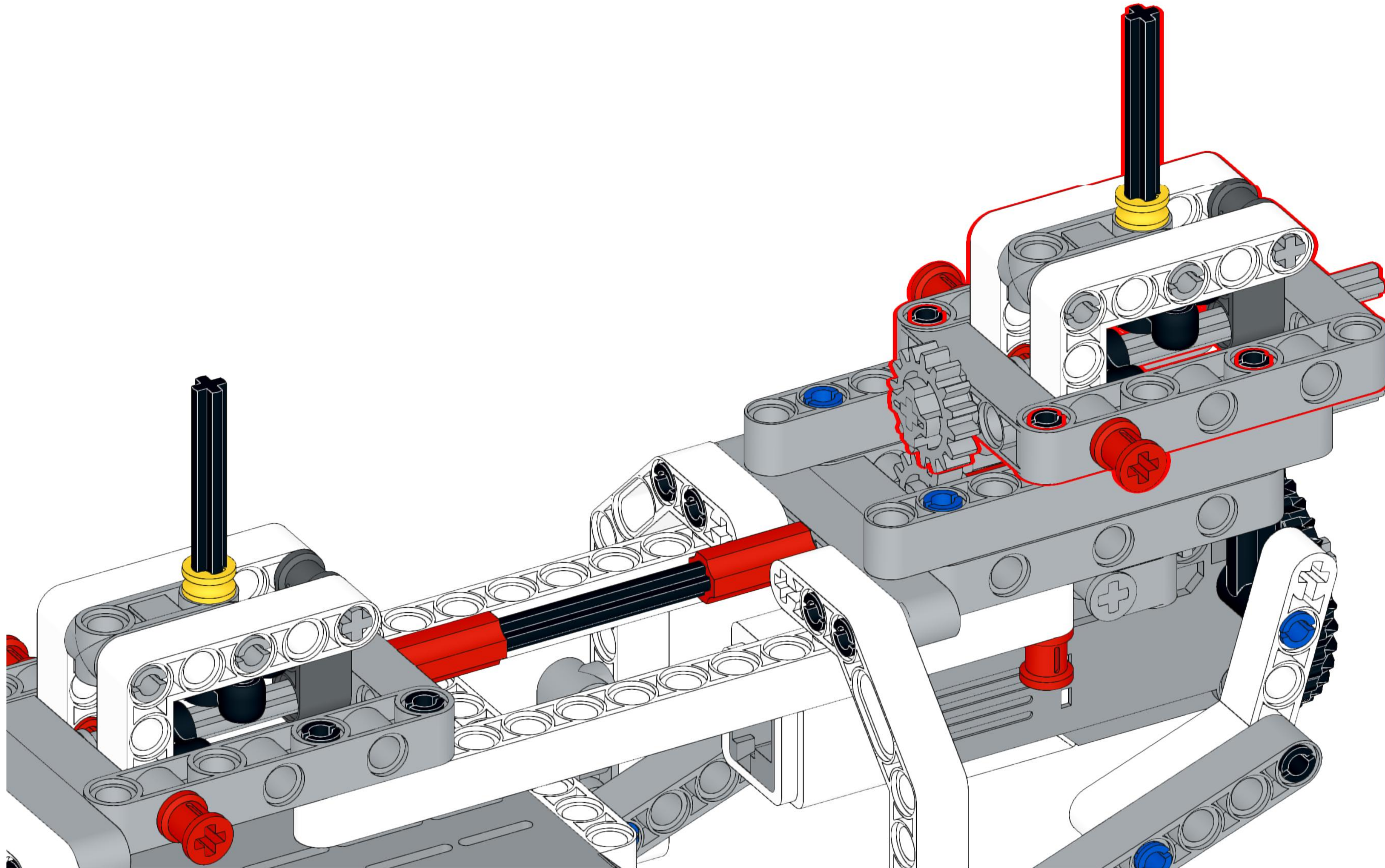


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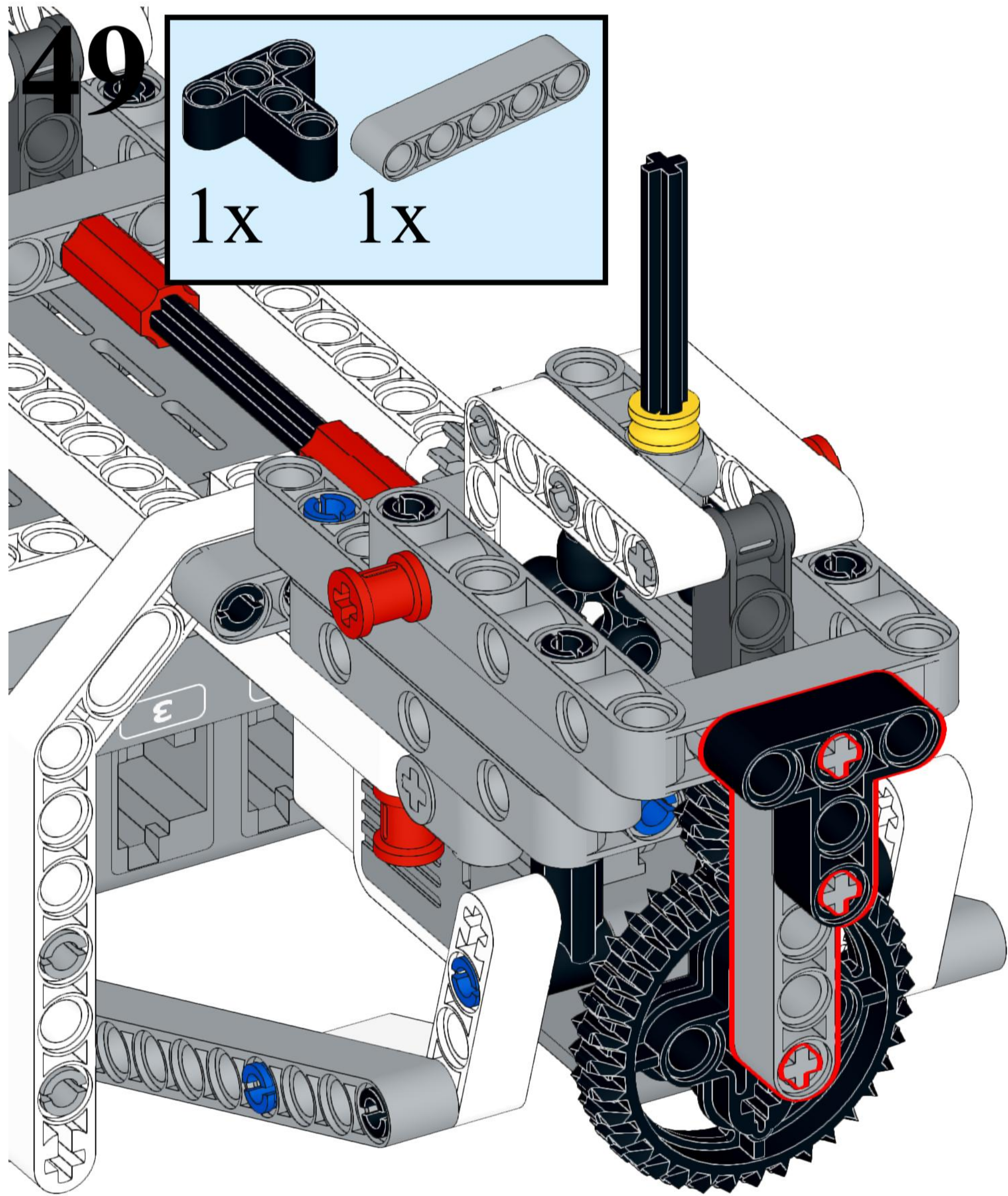
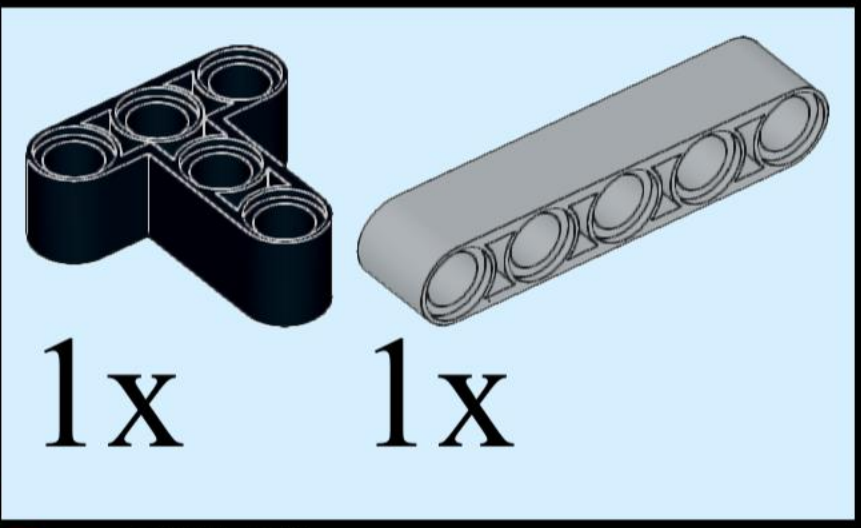


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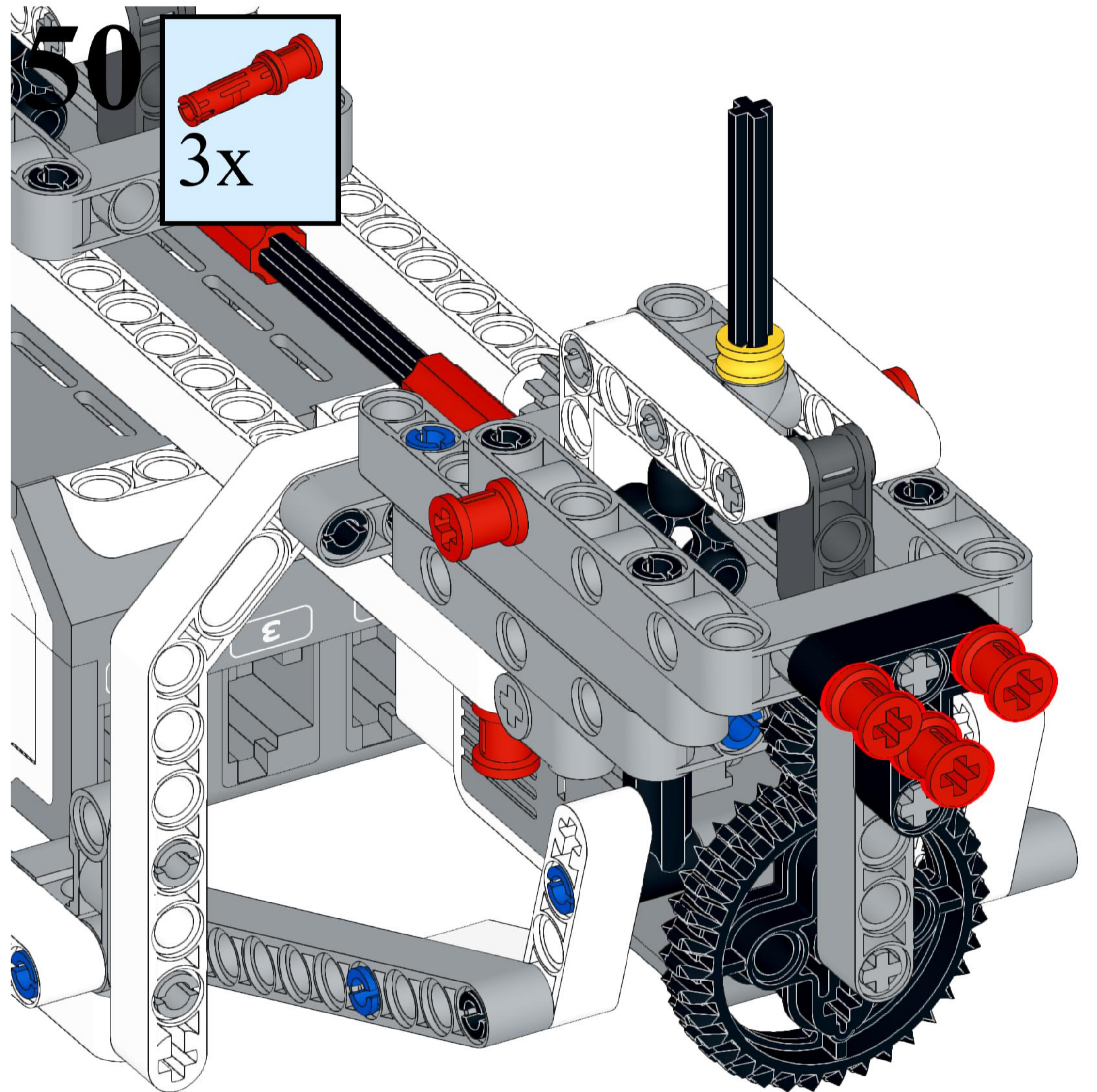
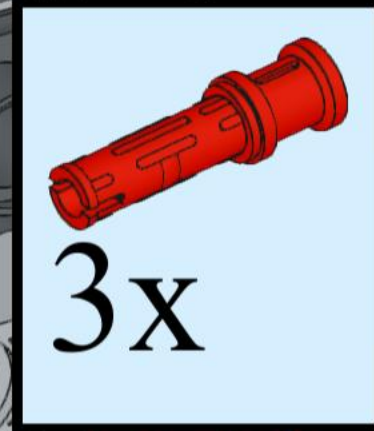




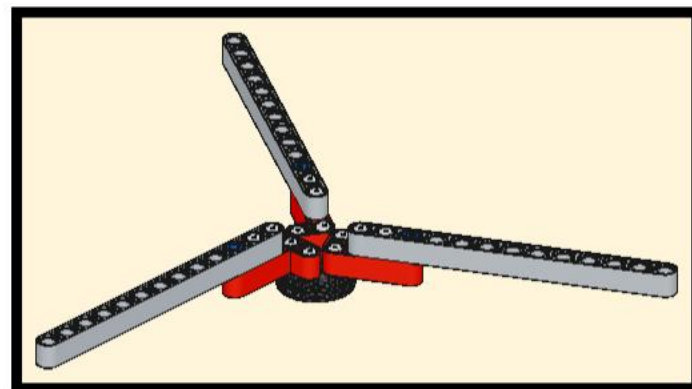
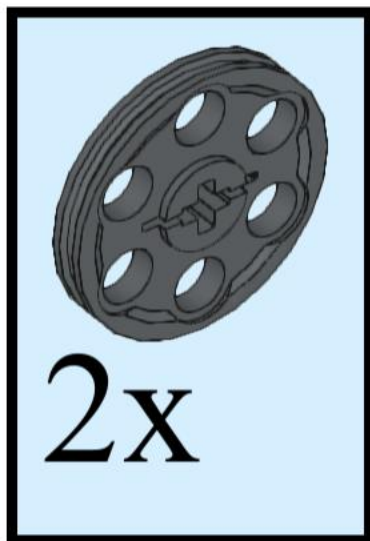
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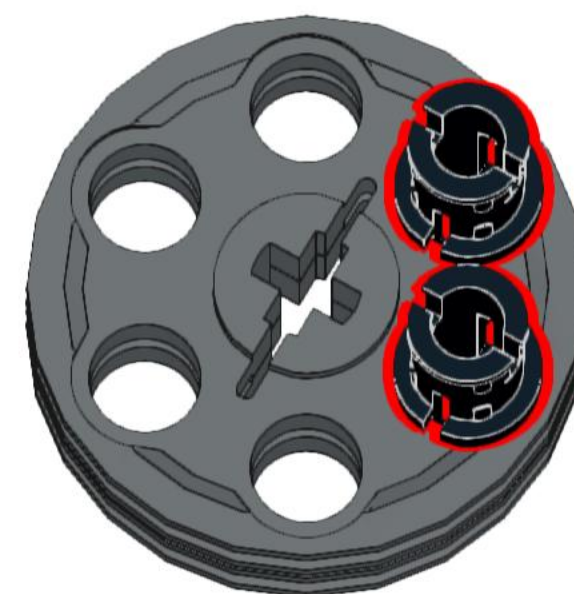
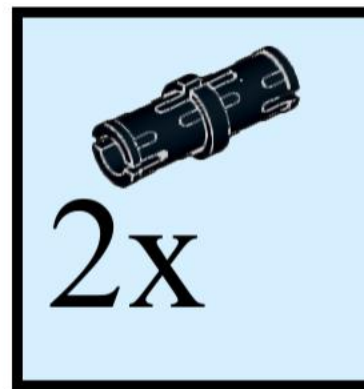
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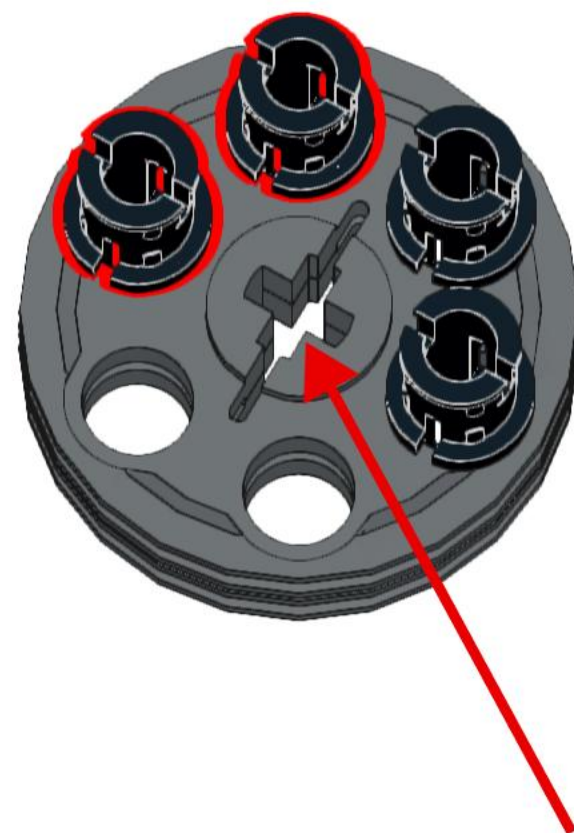
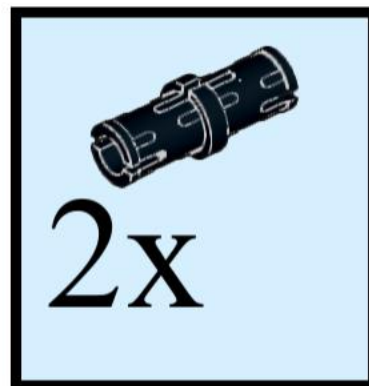
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52



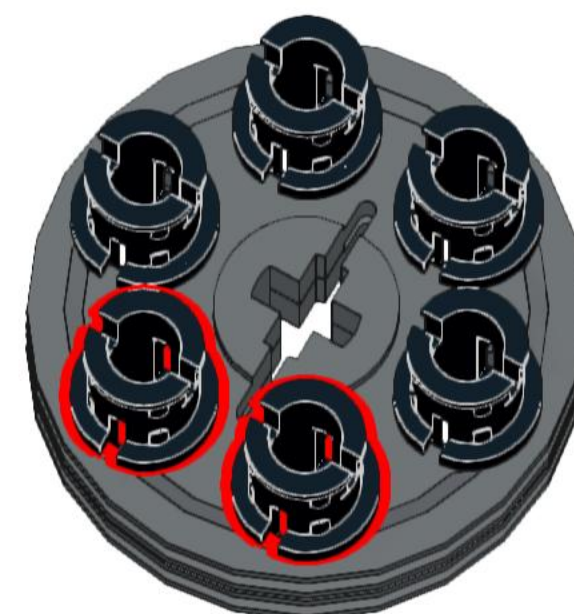
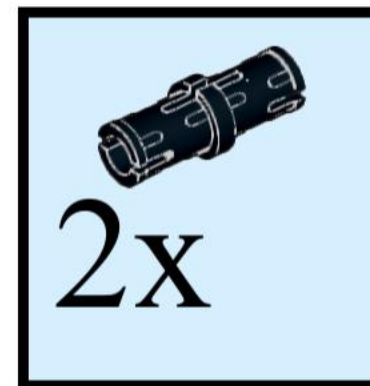
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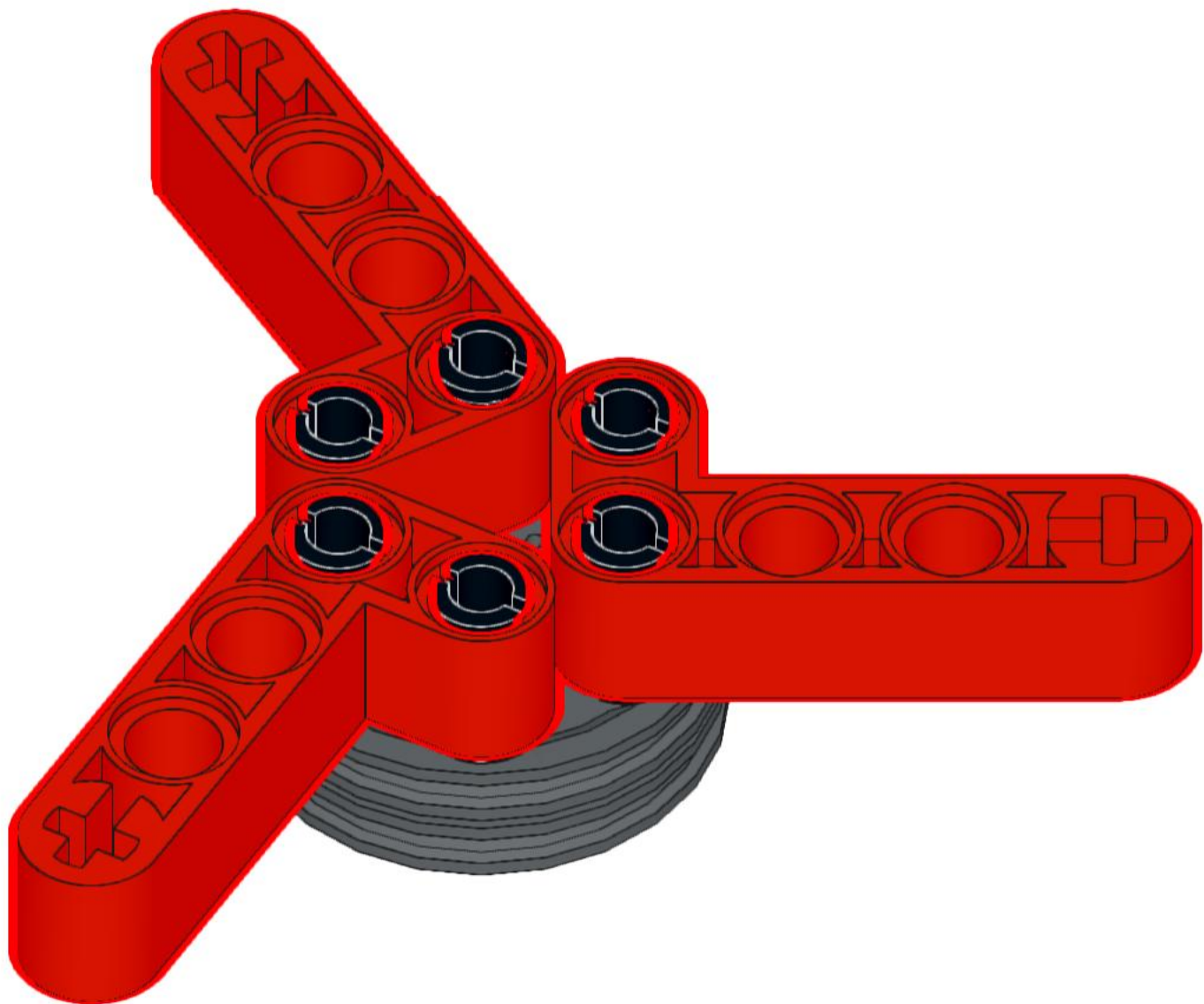
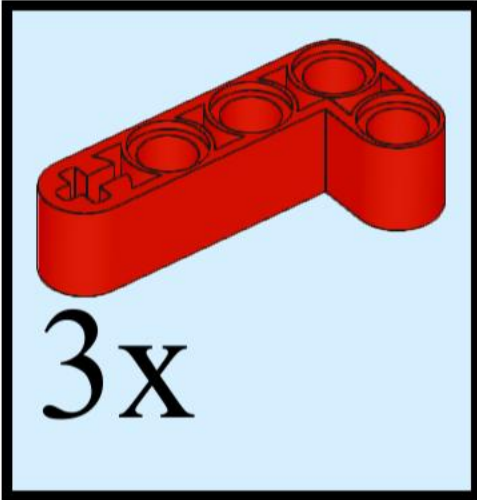
The cross holes of the two wheels here should be aligned

这里的两个轮子十字孔位要对齐

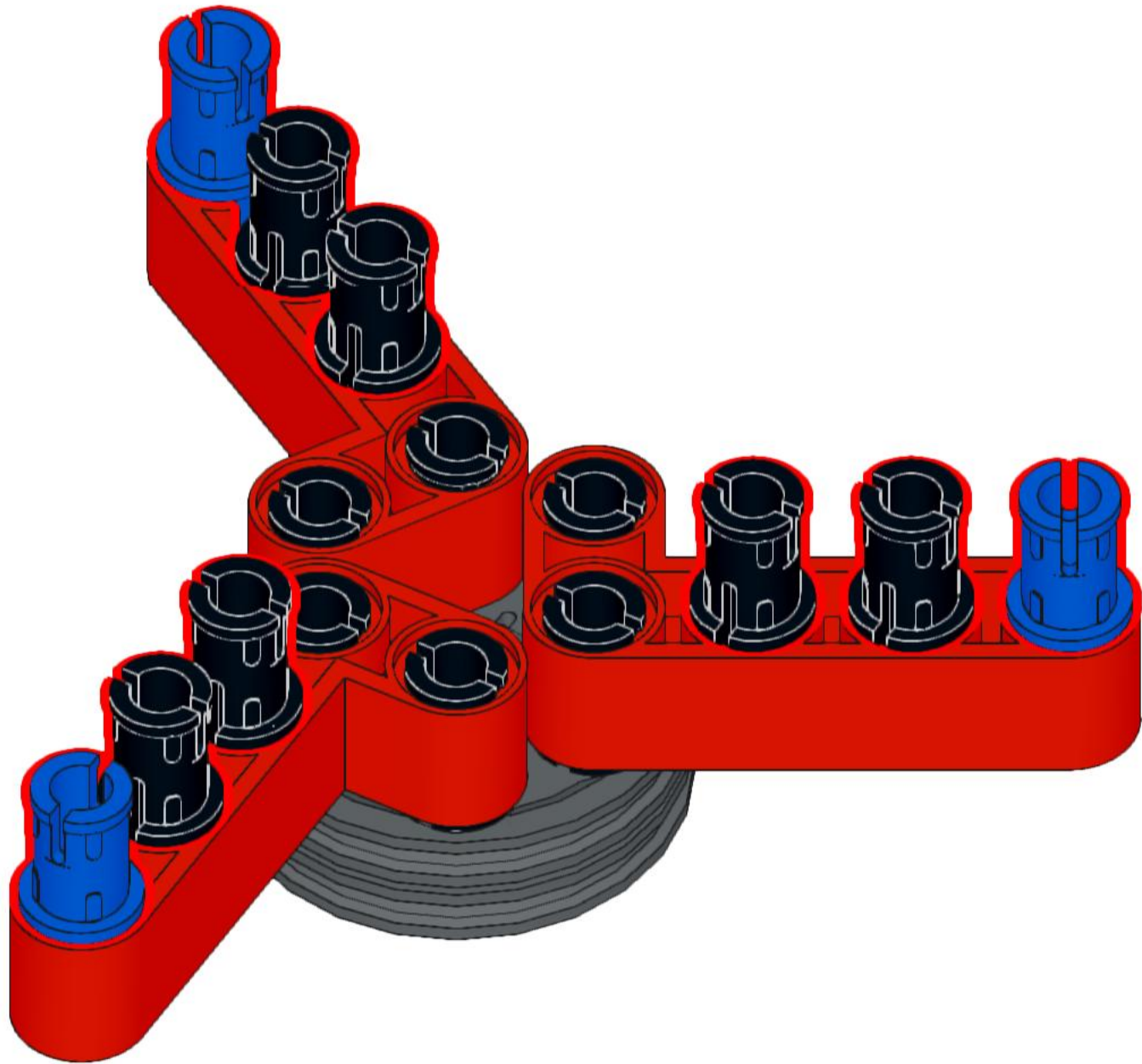
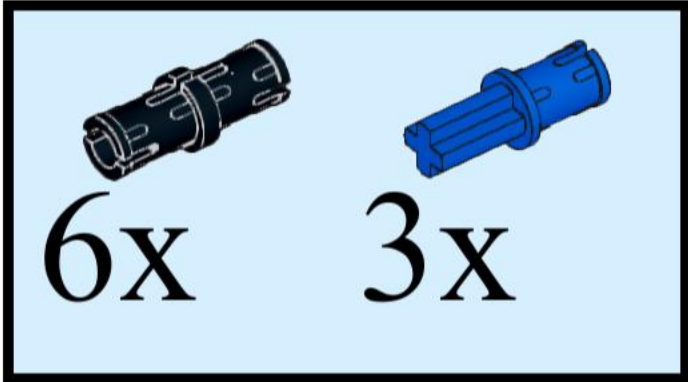
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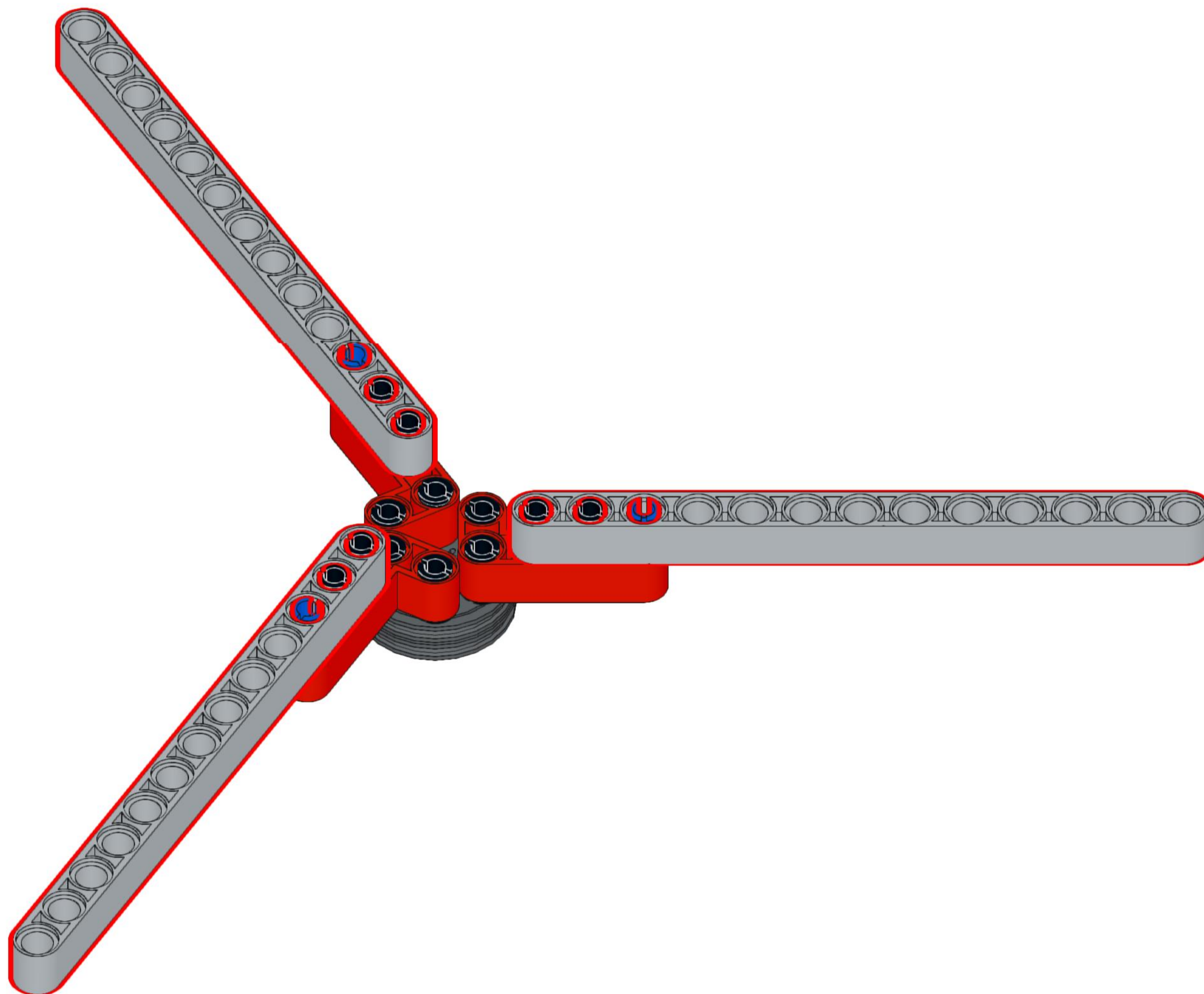
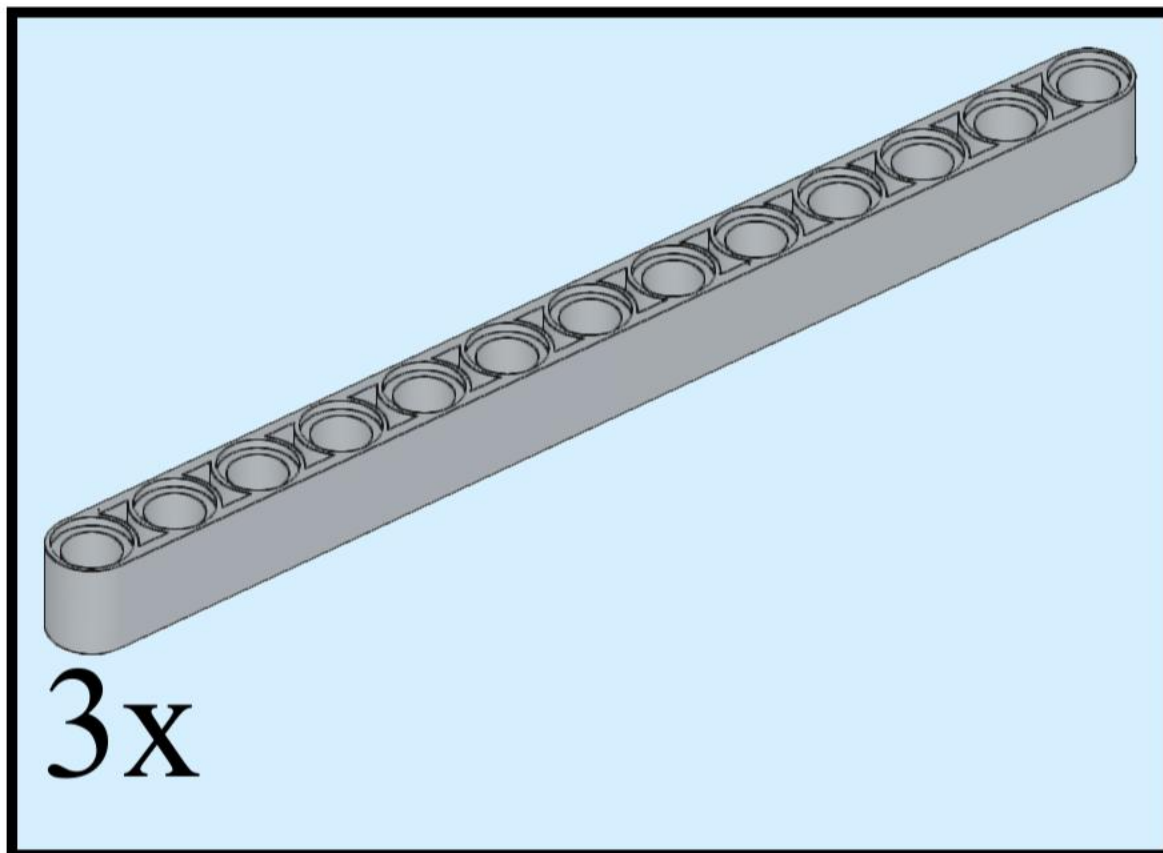
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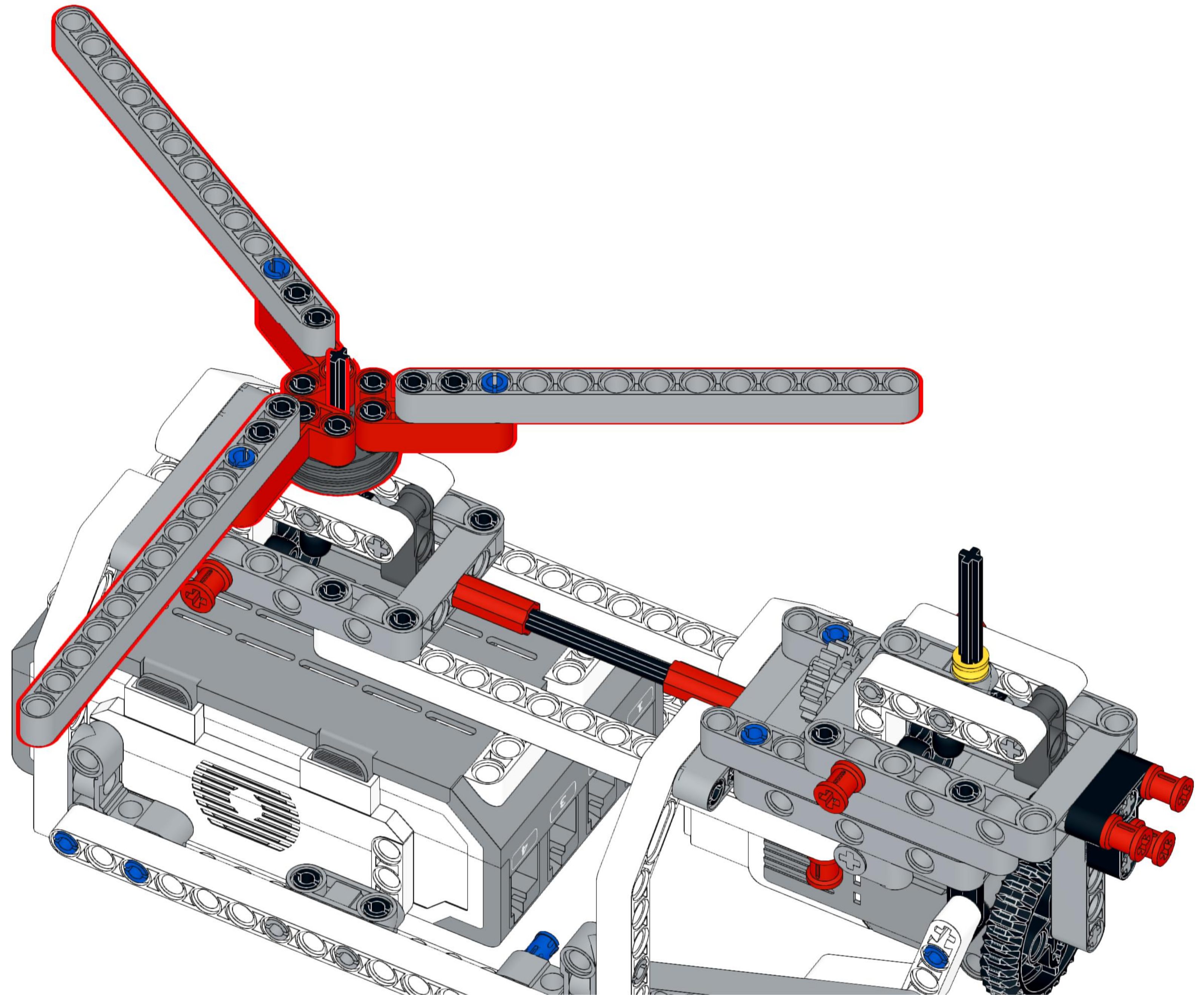
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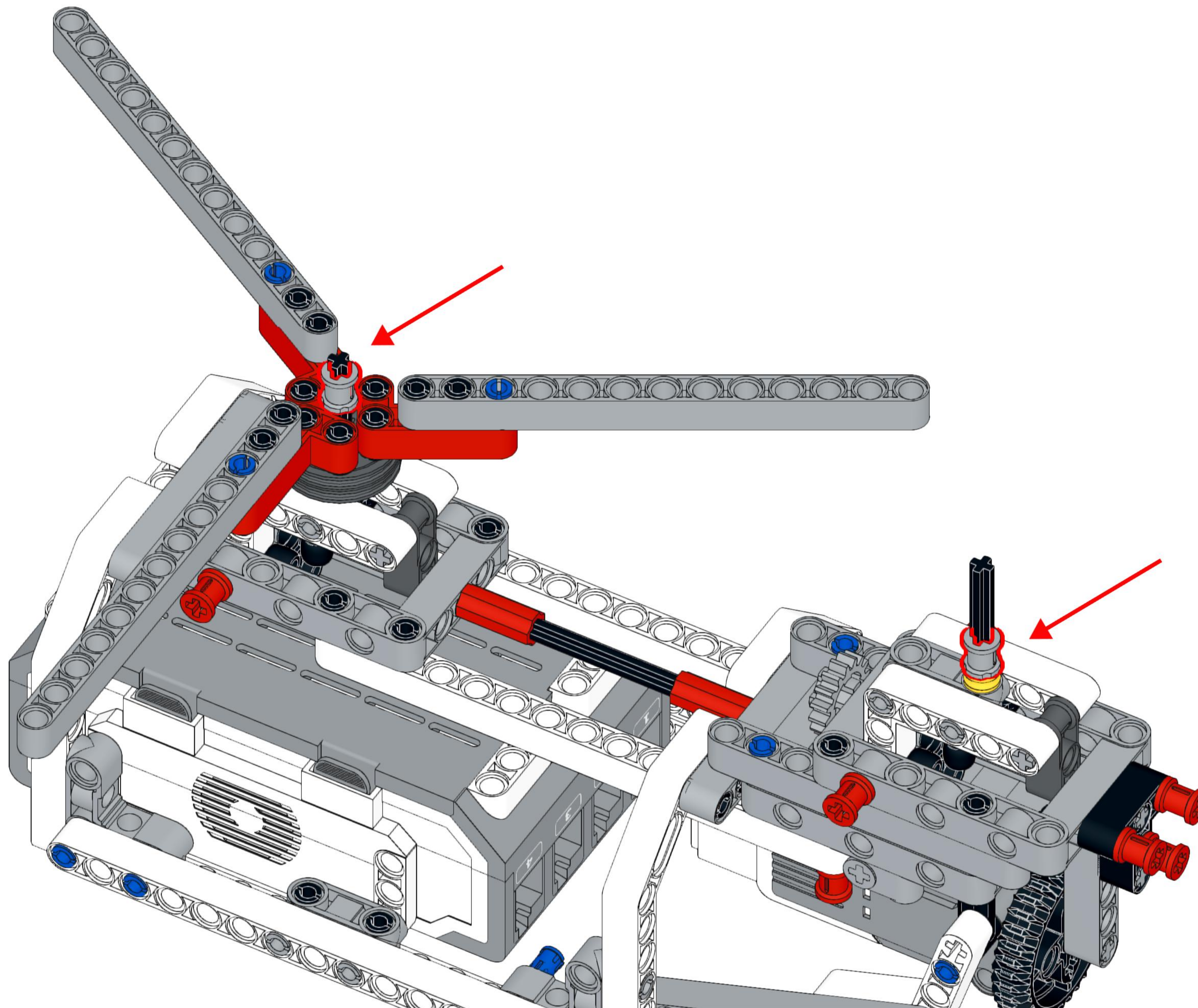
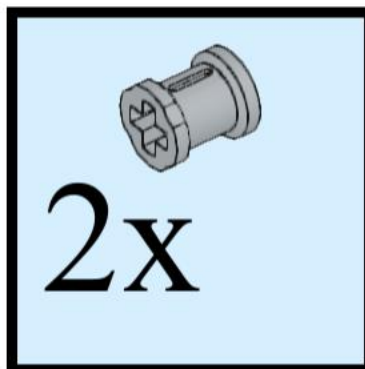
57



58



59



60

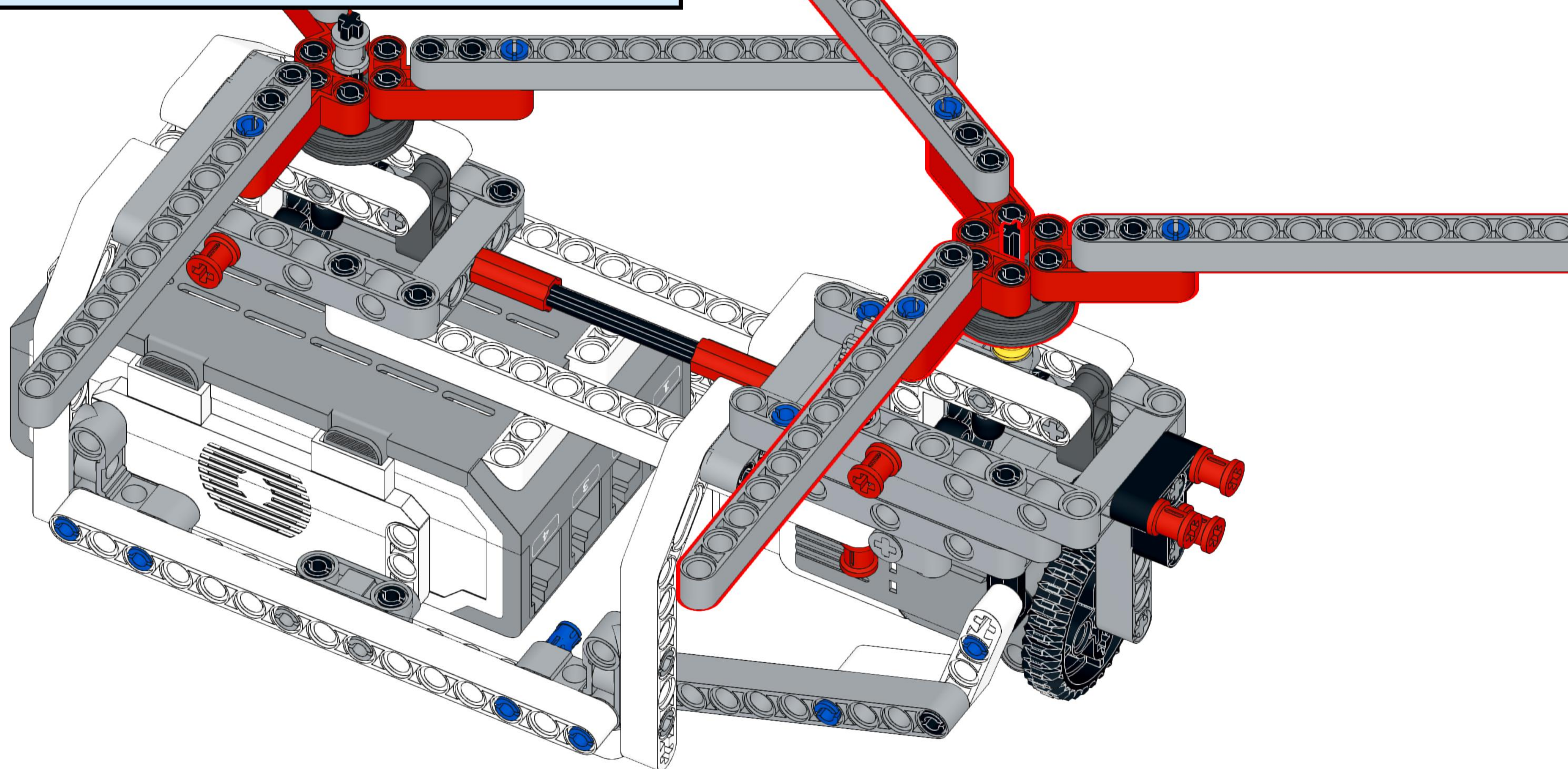
 $12x$

3x

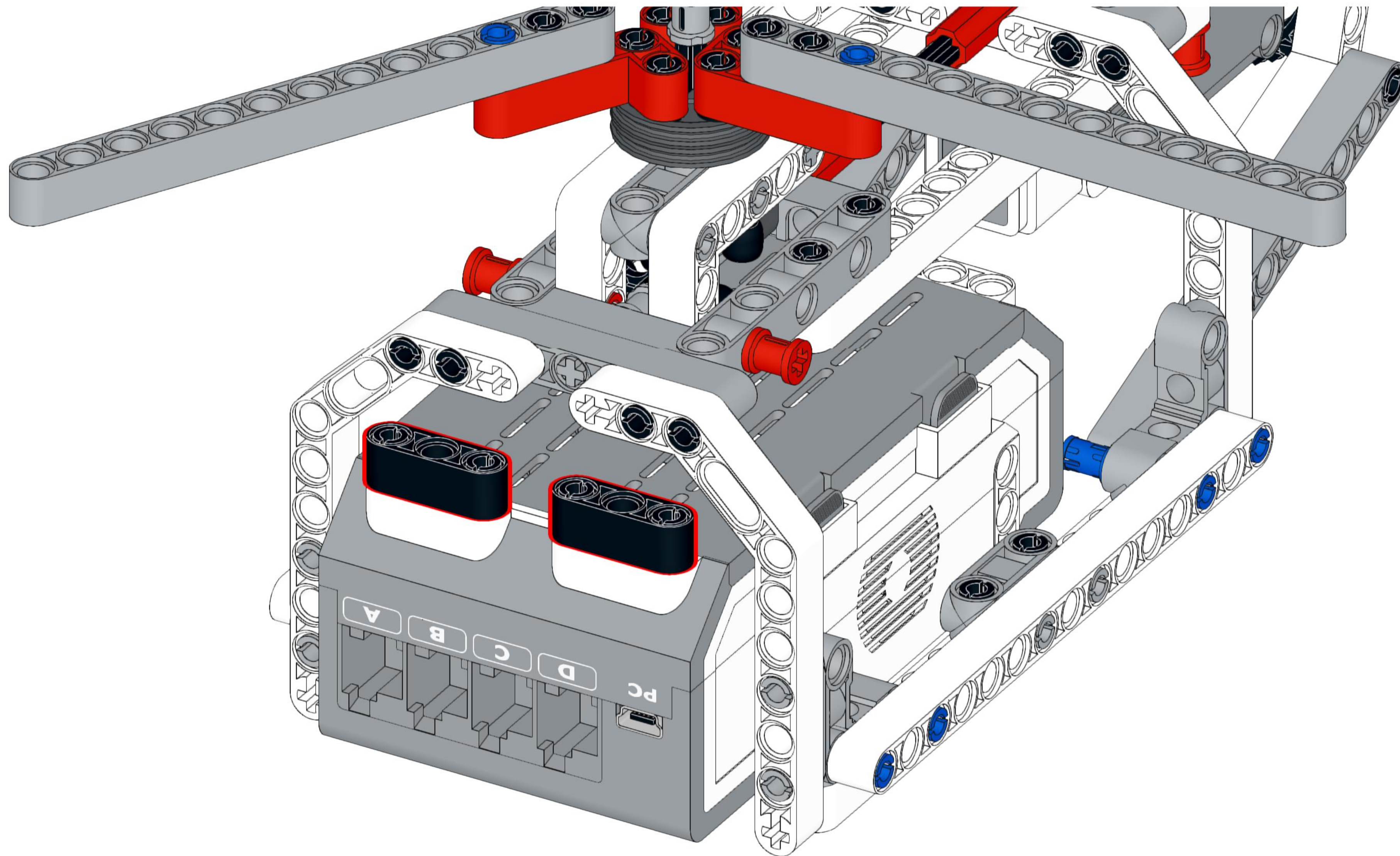
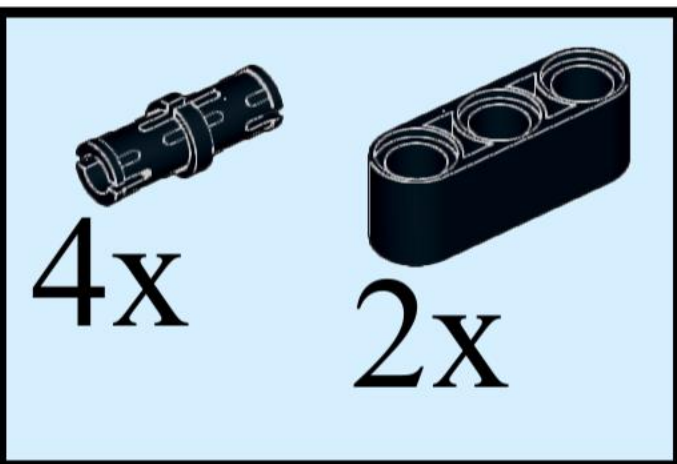
 $2x$

3x

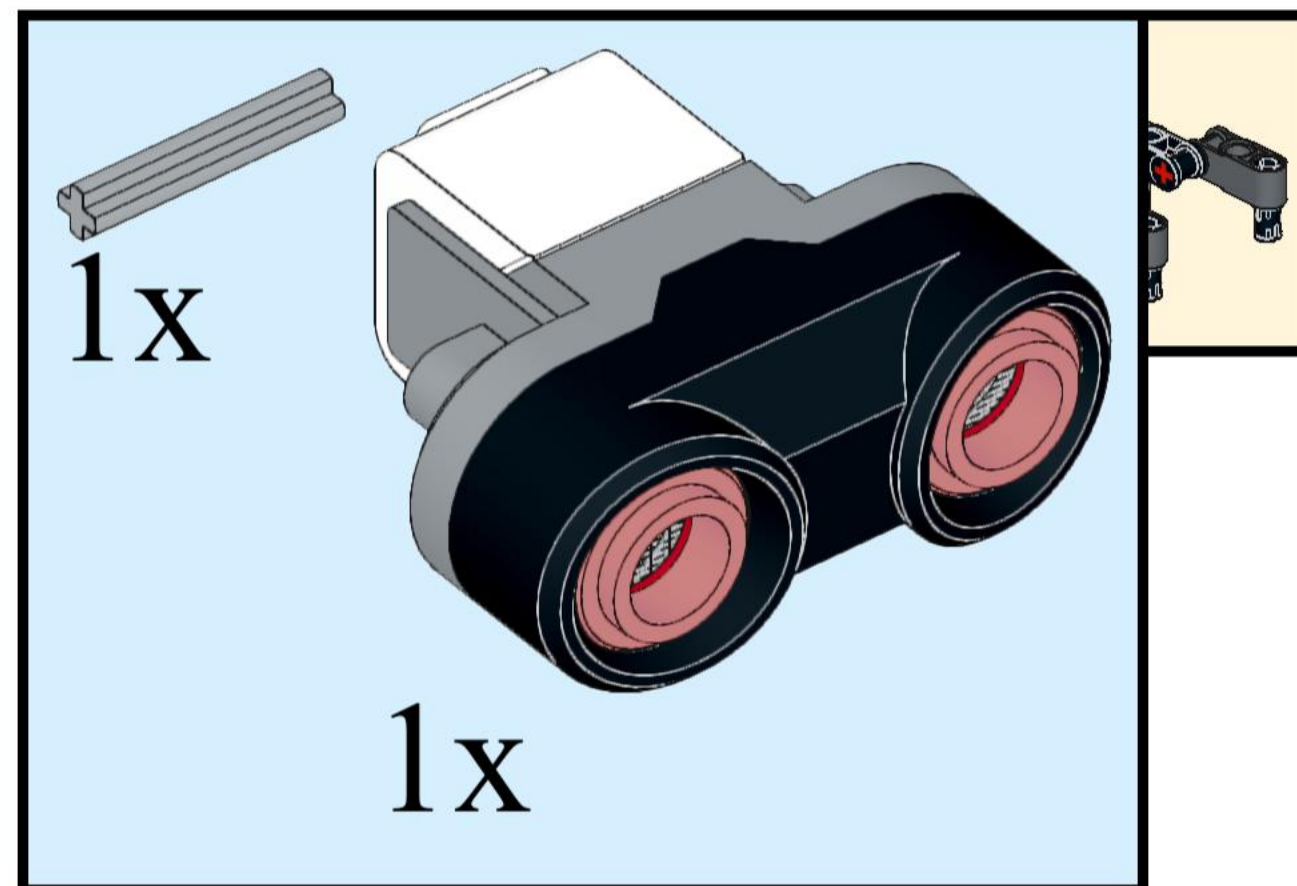
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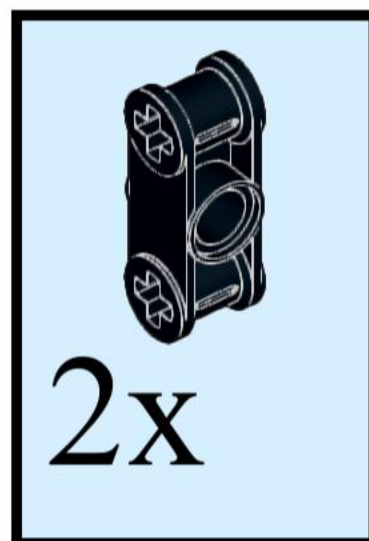
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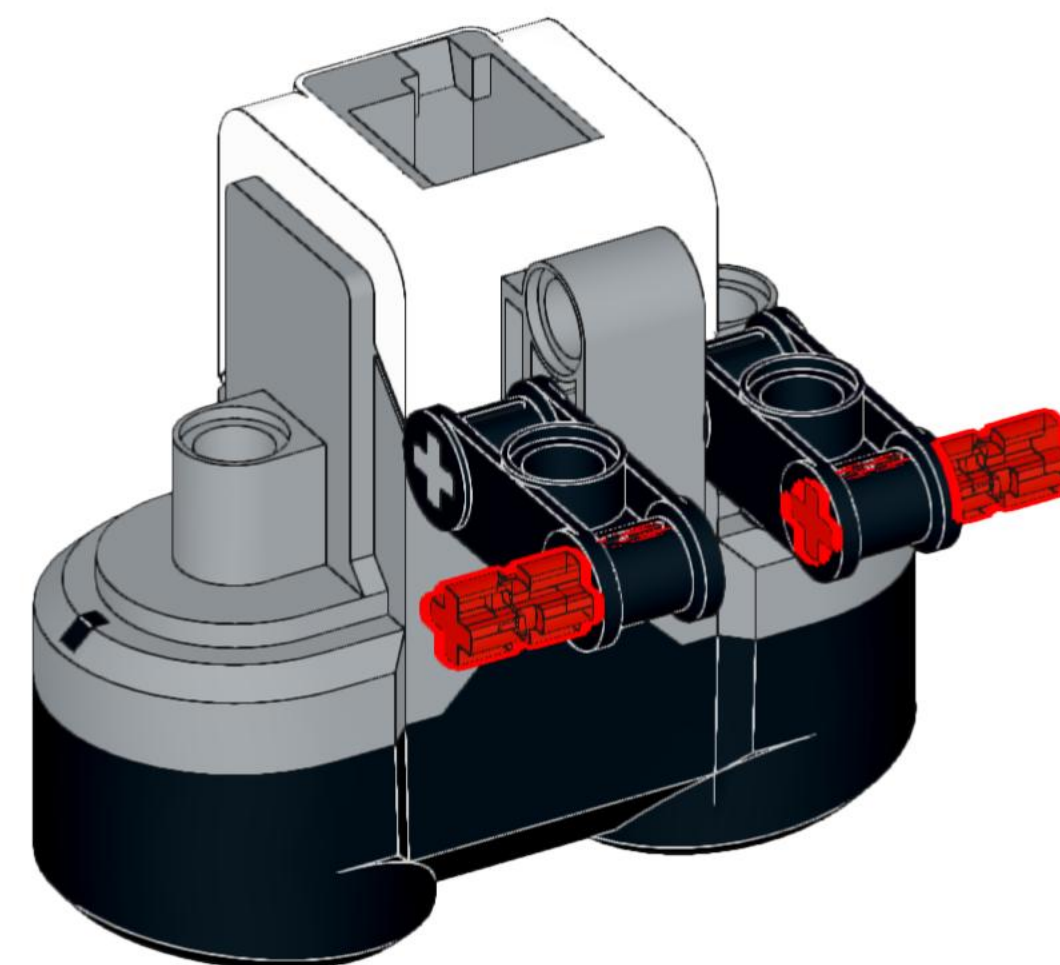
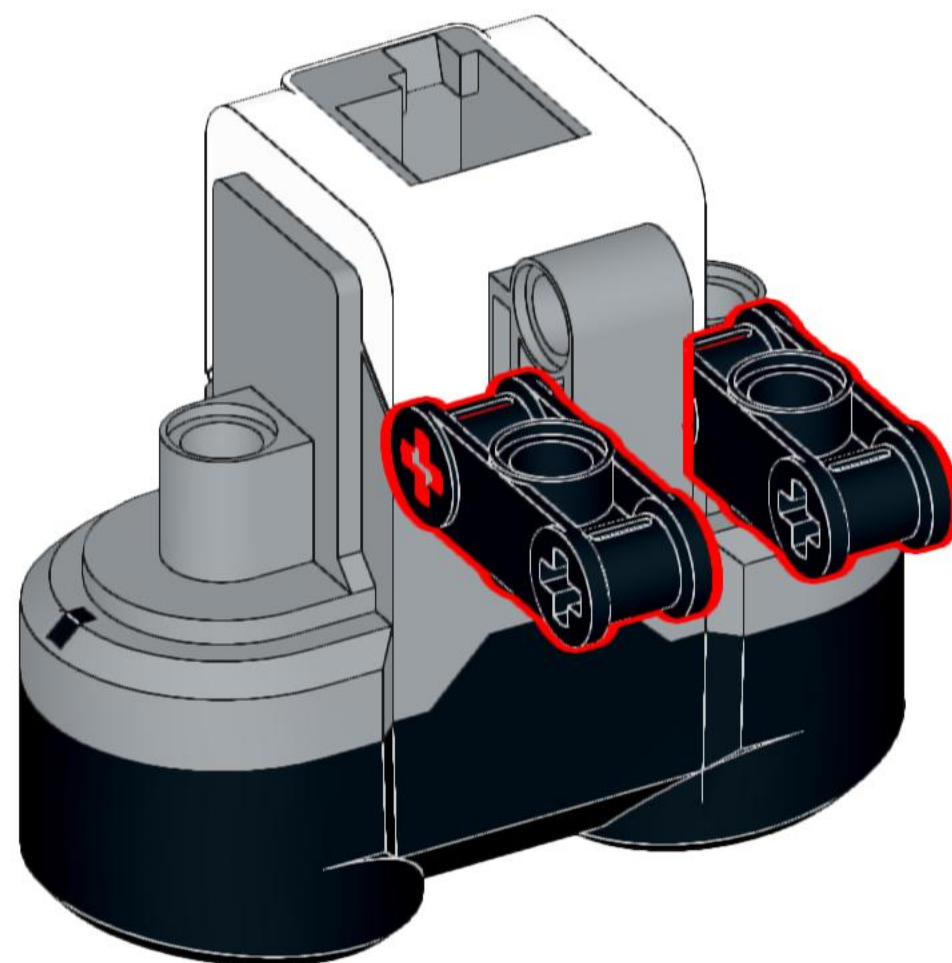
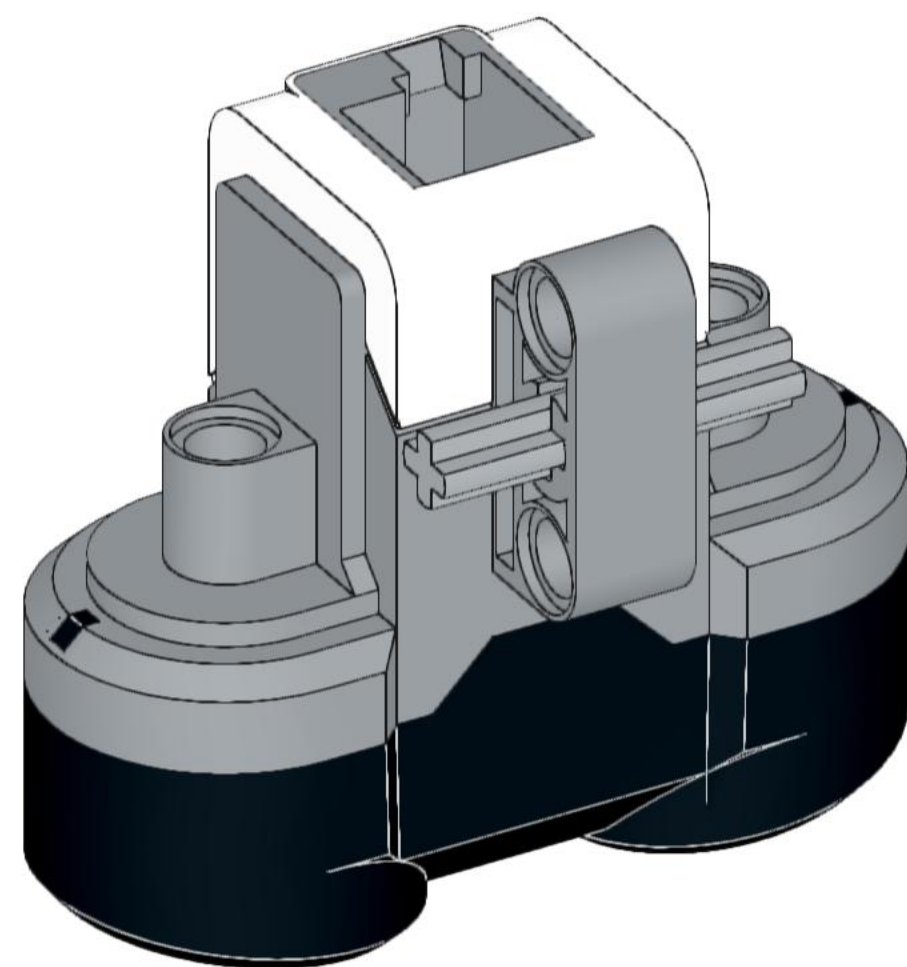
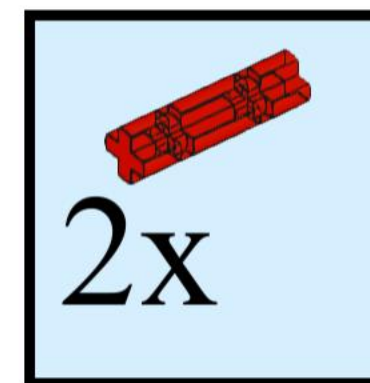
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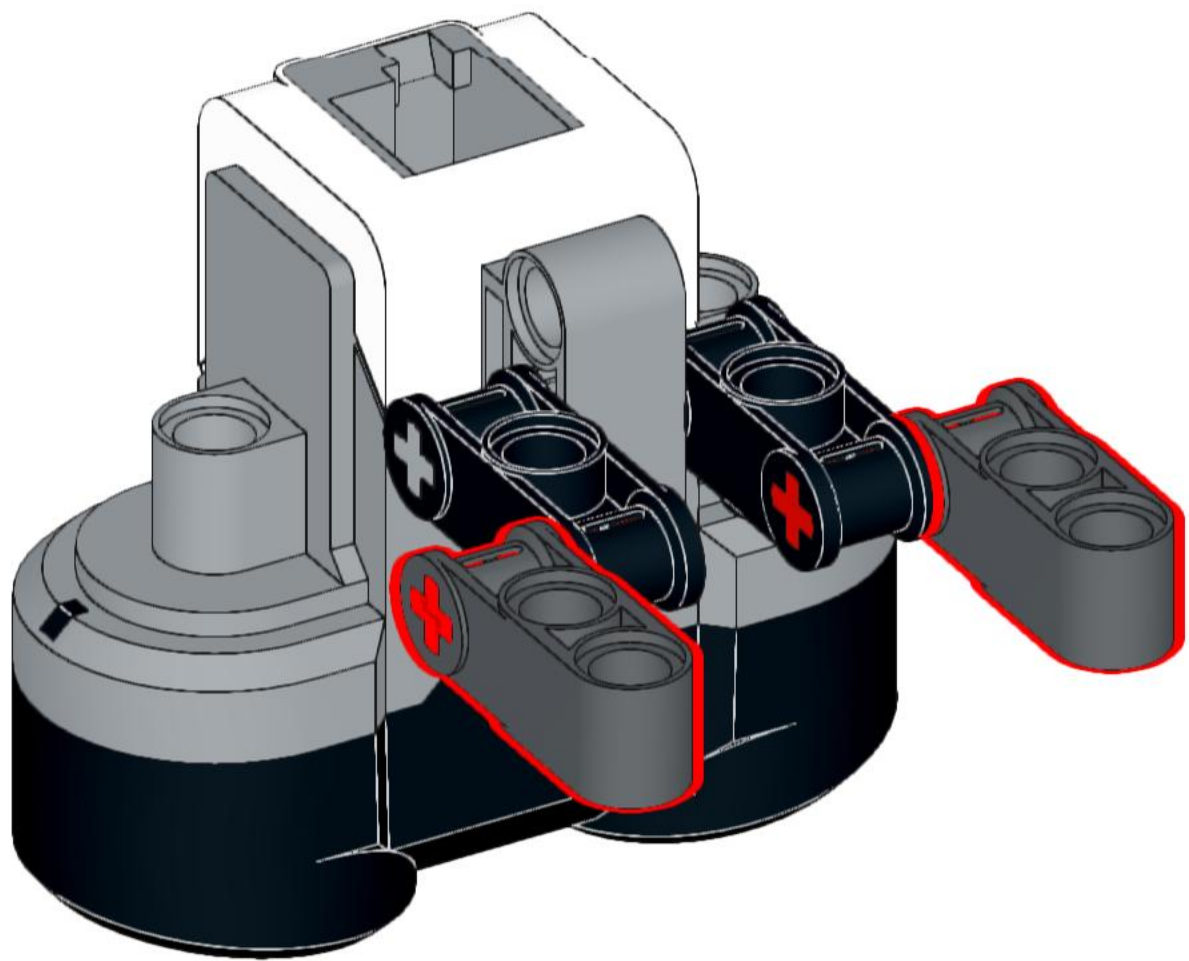
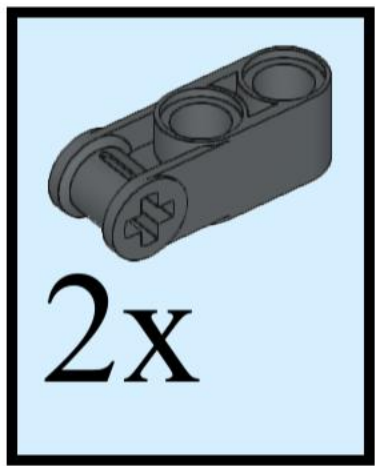
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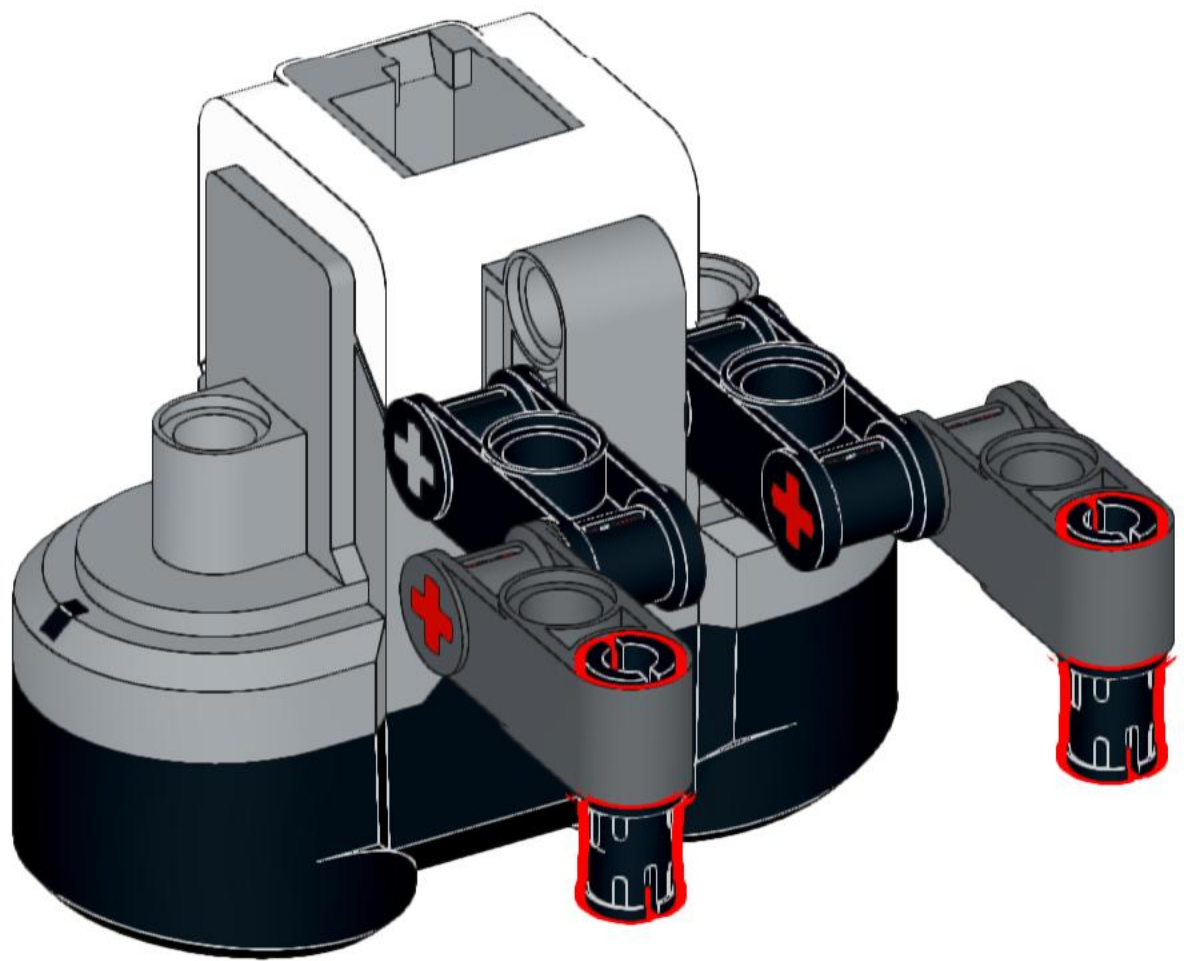
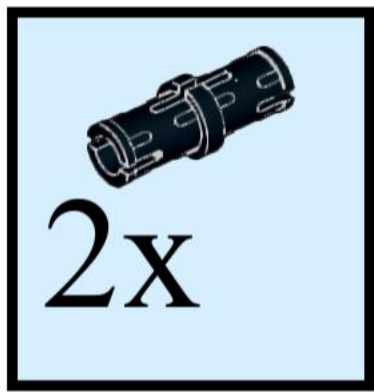
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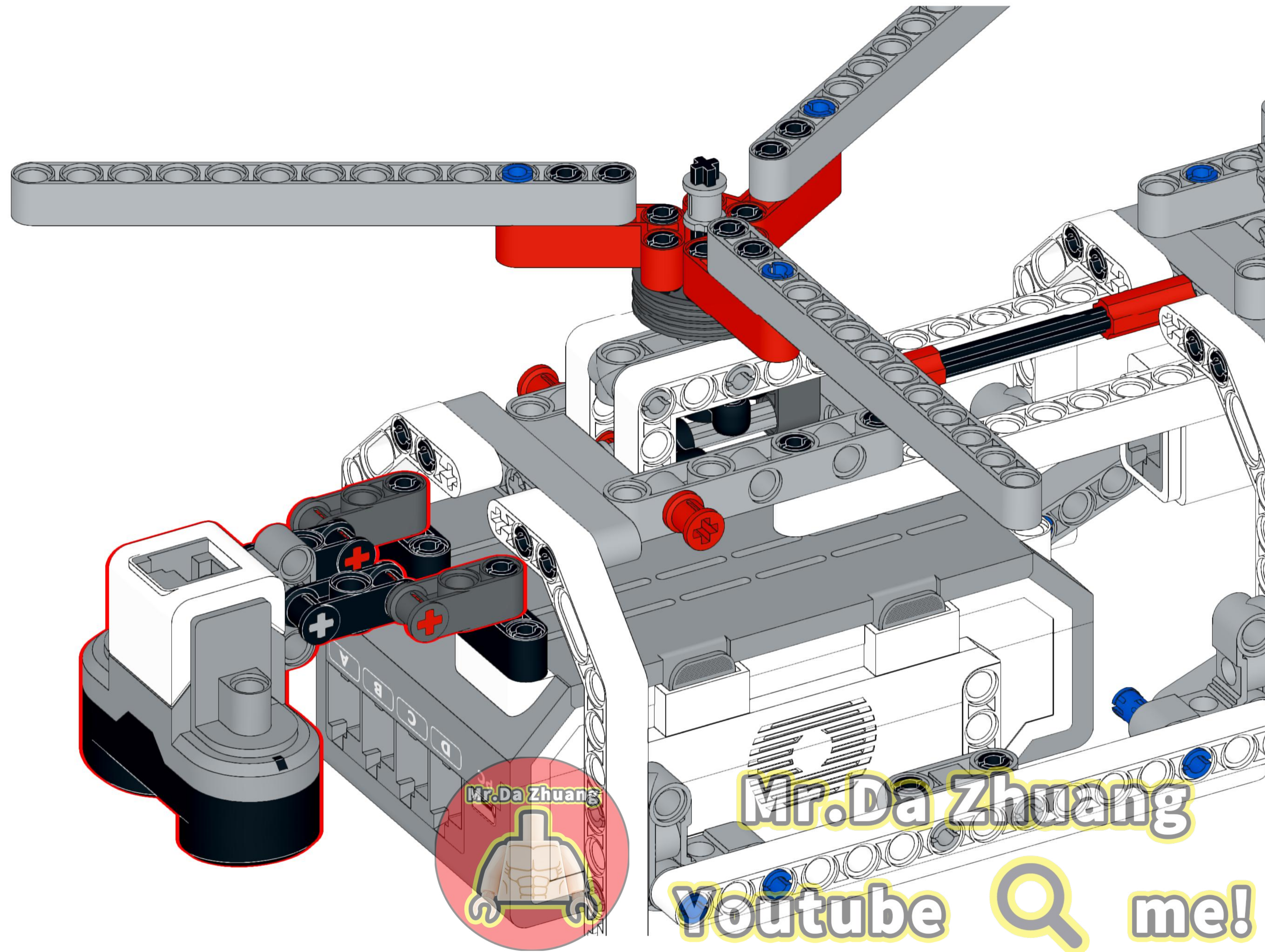
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66



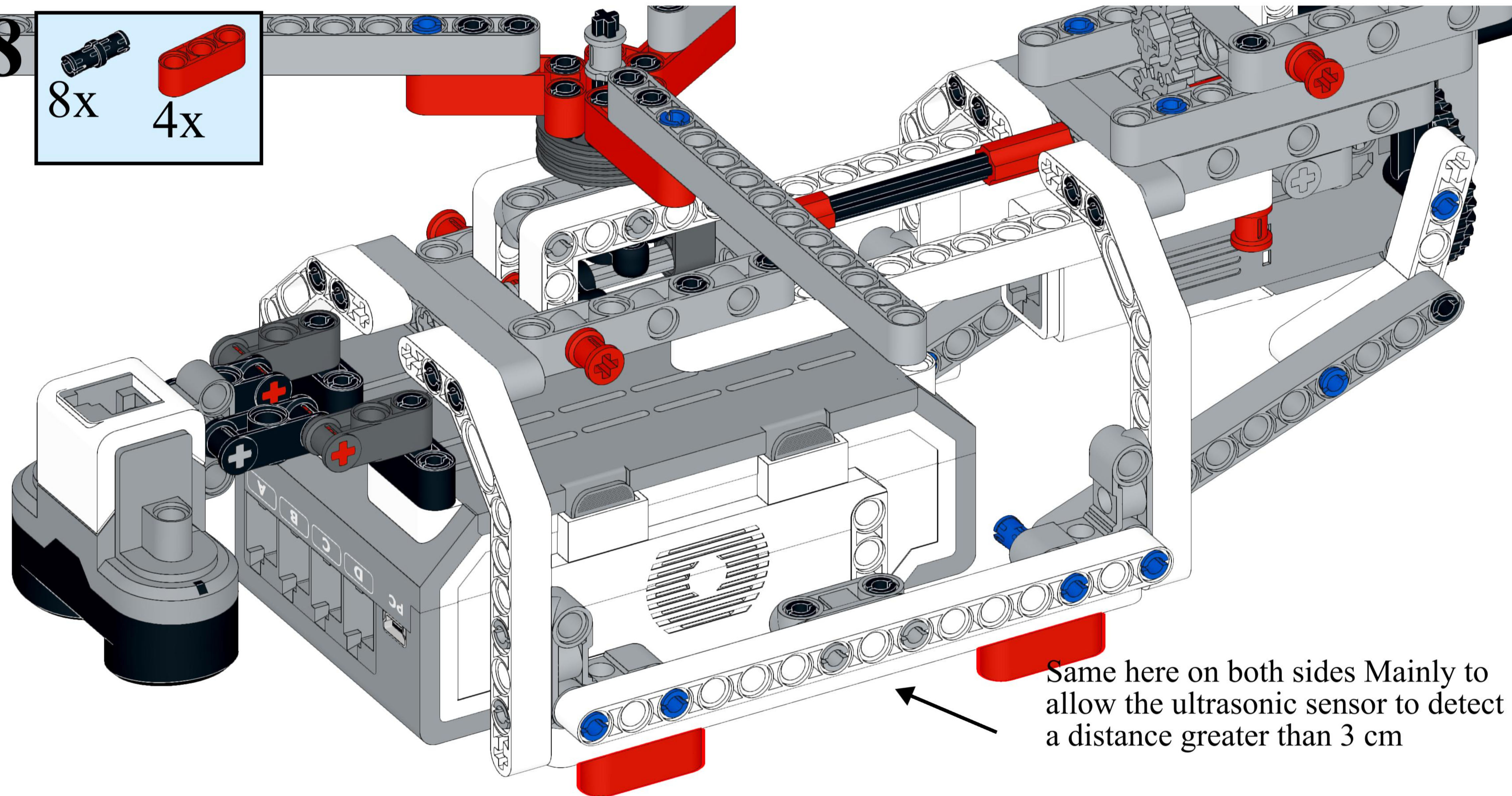
67



68

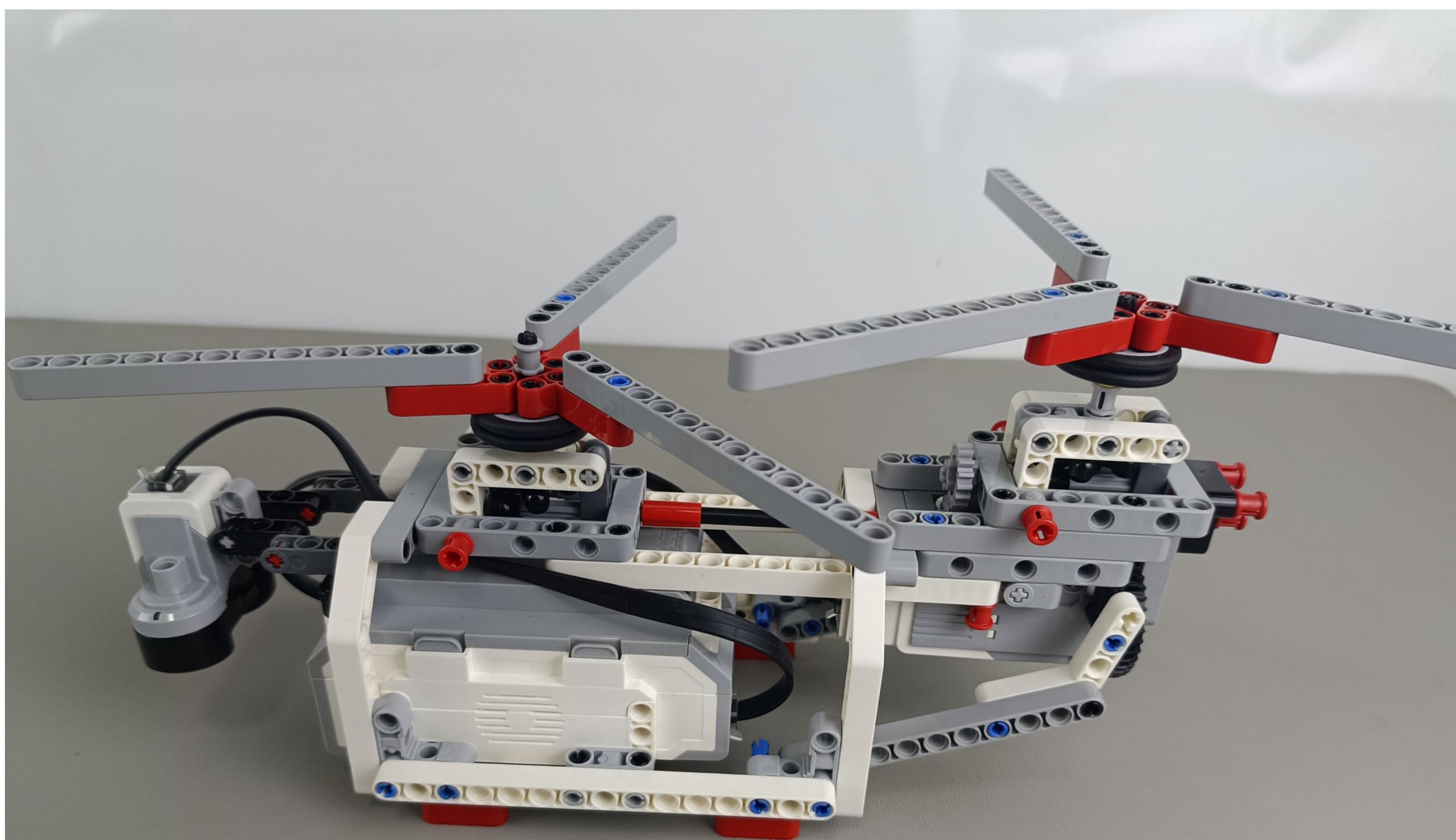
8x

4x



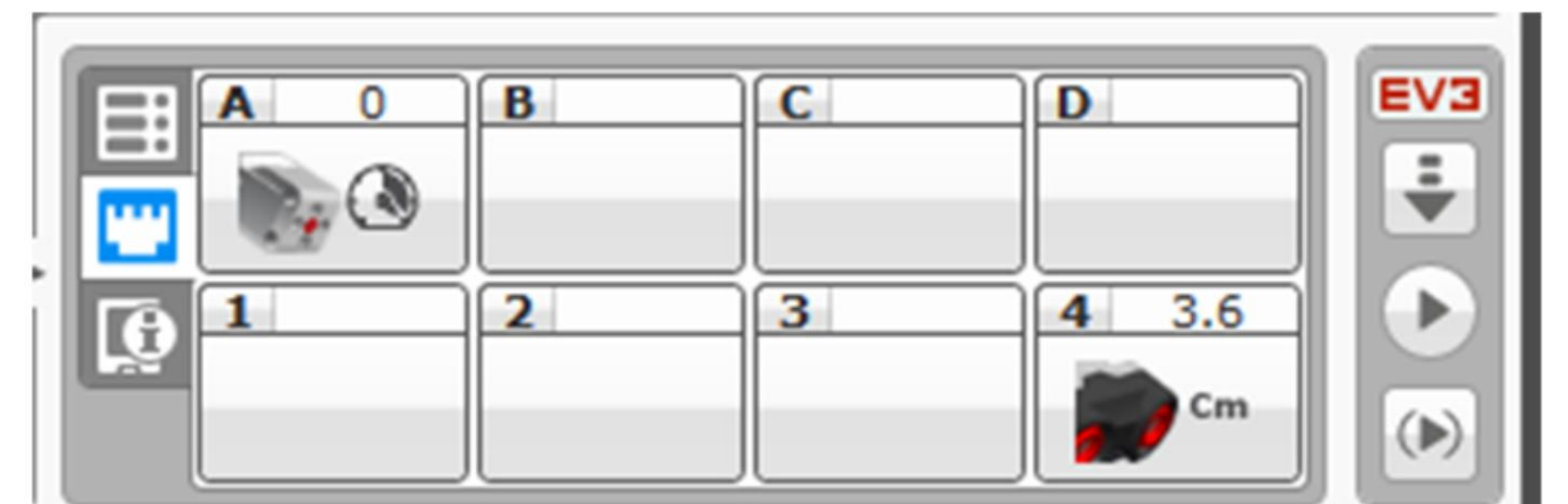
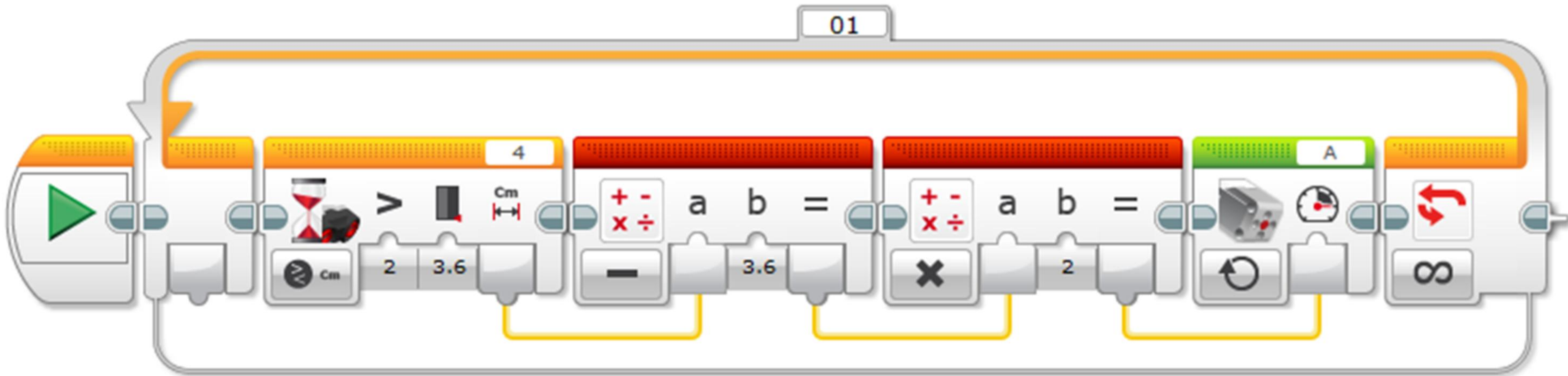
Same here on both sides Mainly to allow the ultrasonic sensor to detect a distance greater than 3 cm

这里两侧一样 主要是为了让超声波传感器探测距离大于3厘米



Data cable connecting ultrasonic sensor to medium-sized motor Ports in my program (ultrasonic sensor: port 4, medium motor: port A)

连接超声波传感器和中型电机的数据线 我的程序中的端口（超声波传感器：端口4，中型电机：端口A）





LEGO education



4



3.6 cm

A



0%



when program starts

forever



4

wait until distance is

greater than (>)

3.6

cm



A

start motor at



4

distance in

cm

-

3.6

*

2

% power



Mr. Da Zhuang

Youtube  **me!**