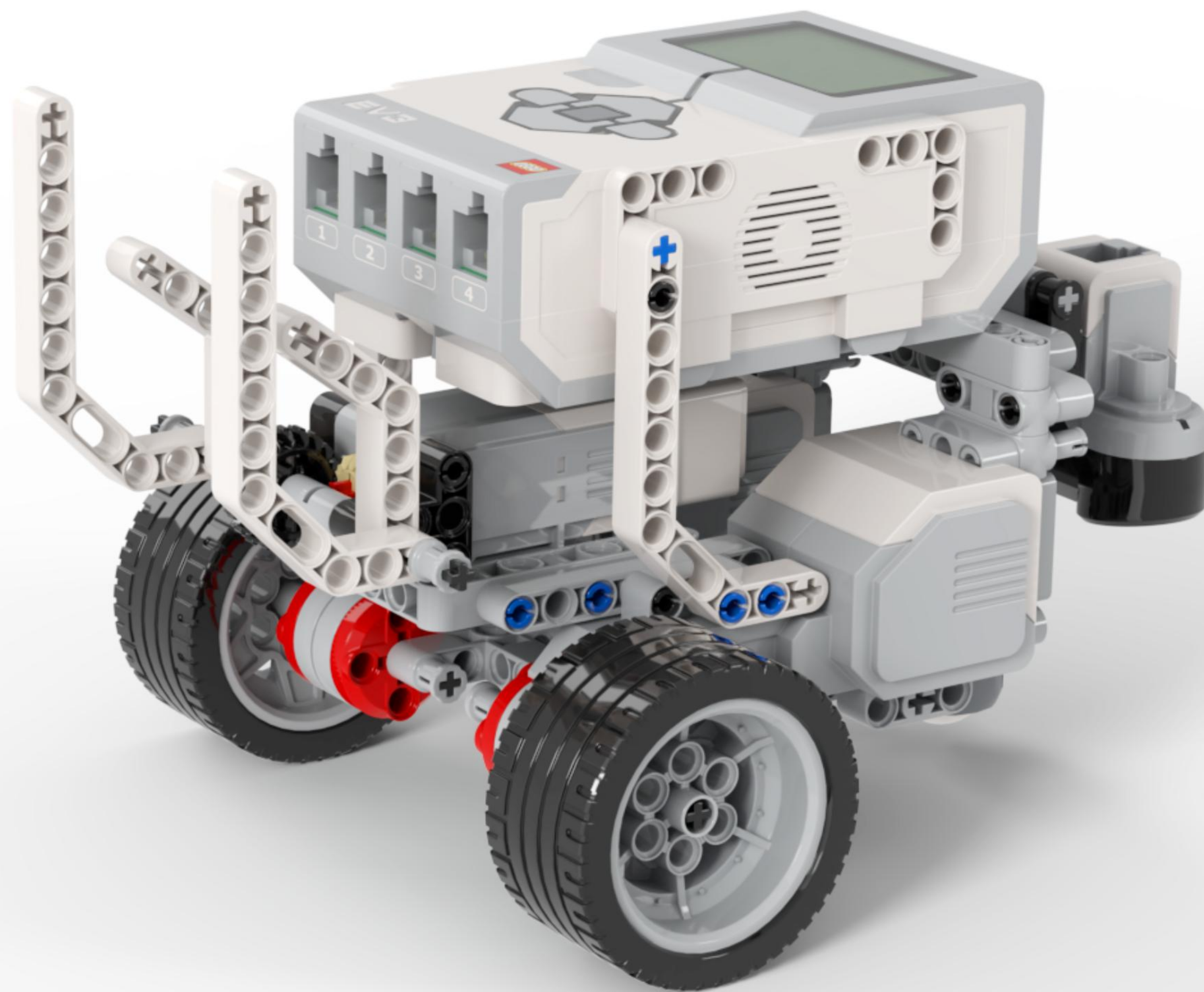


Lego EV3 **Erecting** **Bridge Car**





28x
6279875



2x
370726

2x
6276951

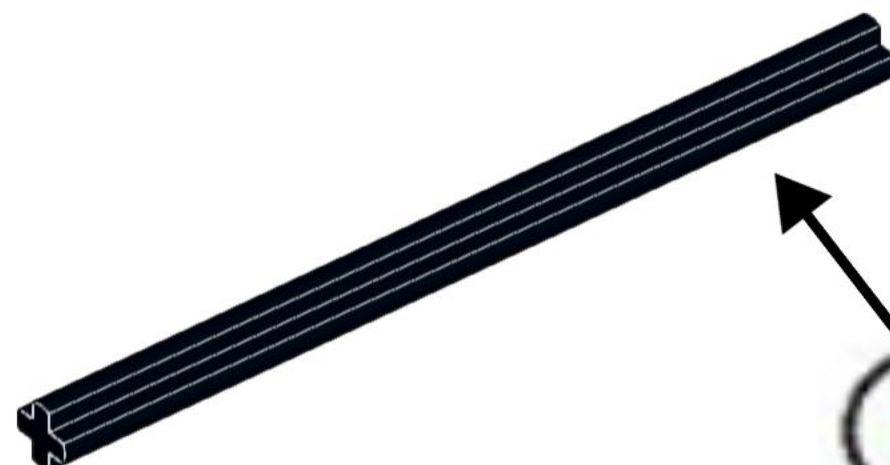


1x
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2x
6035364

2x
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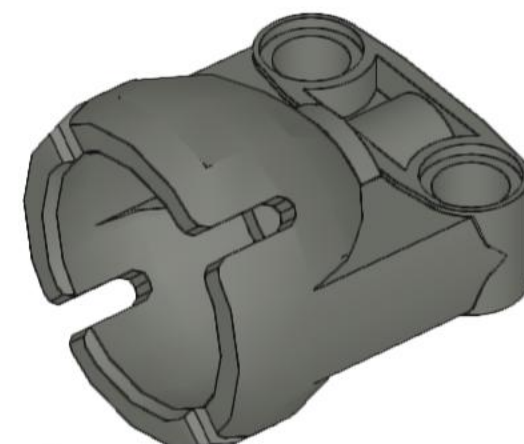


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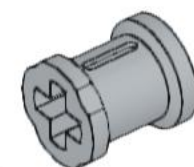


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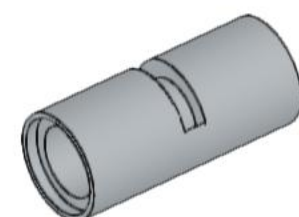
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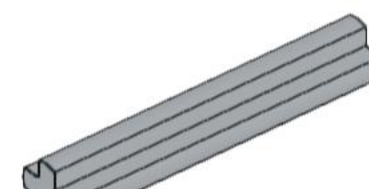
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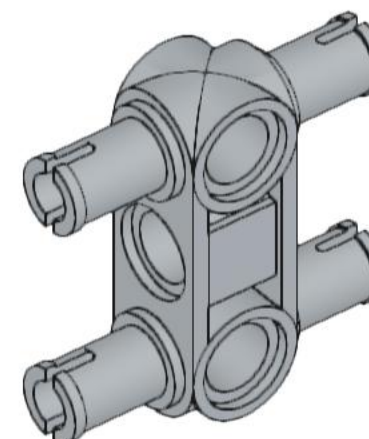
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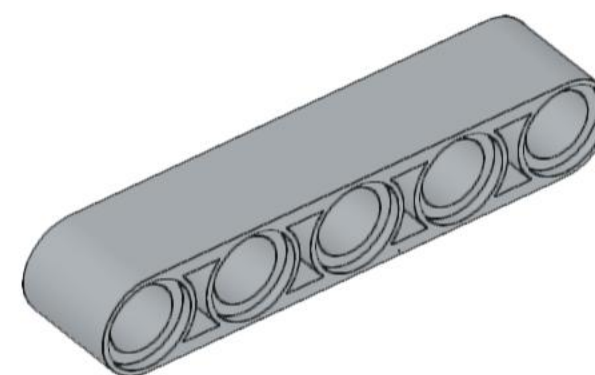
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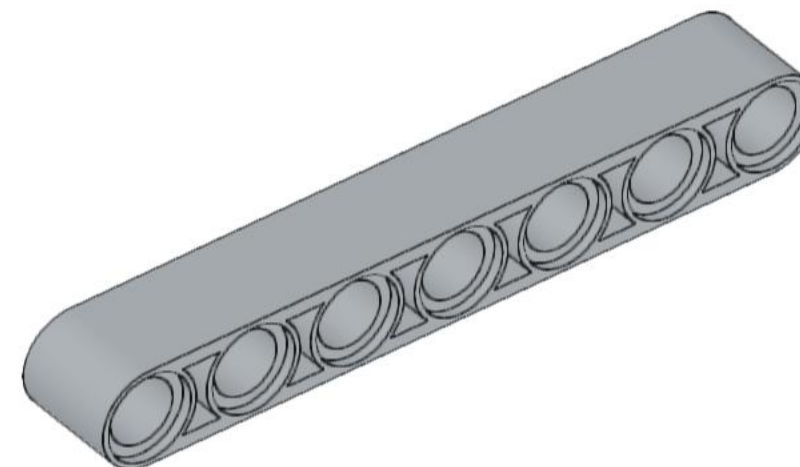
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6x
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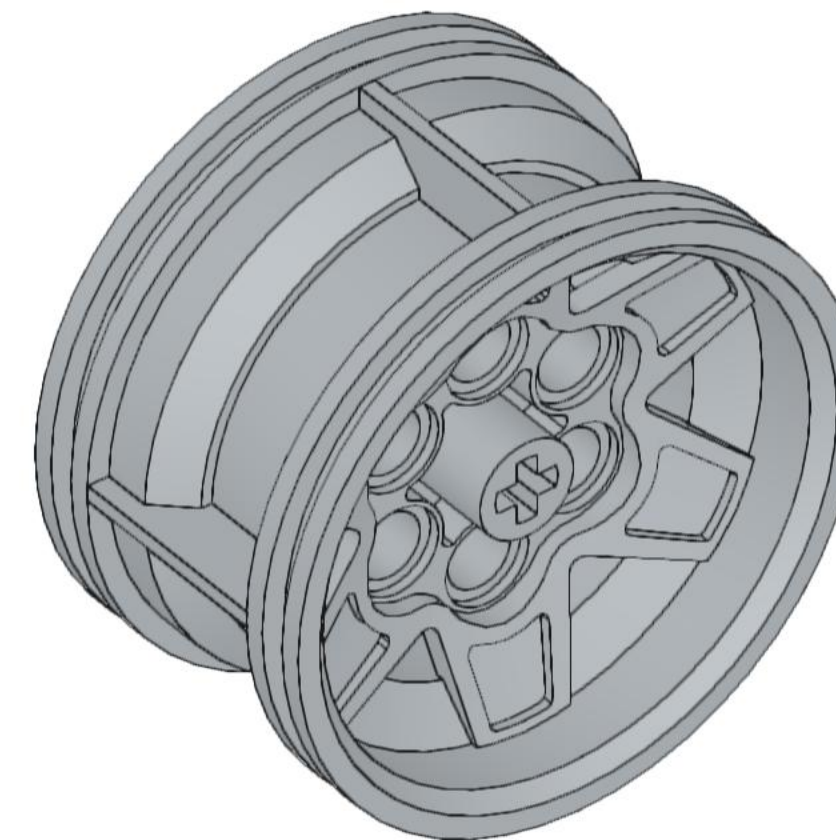


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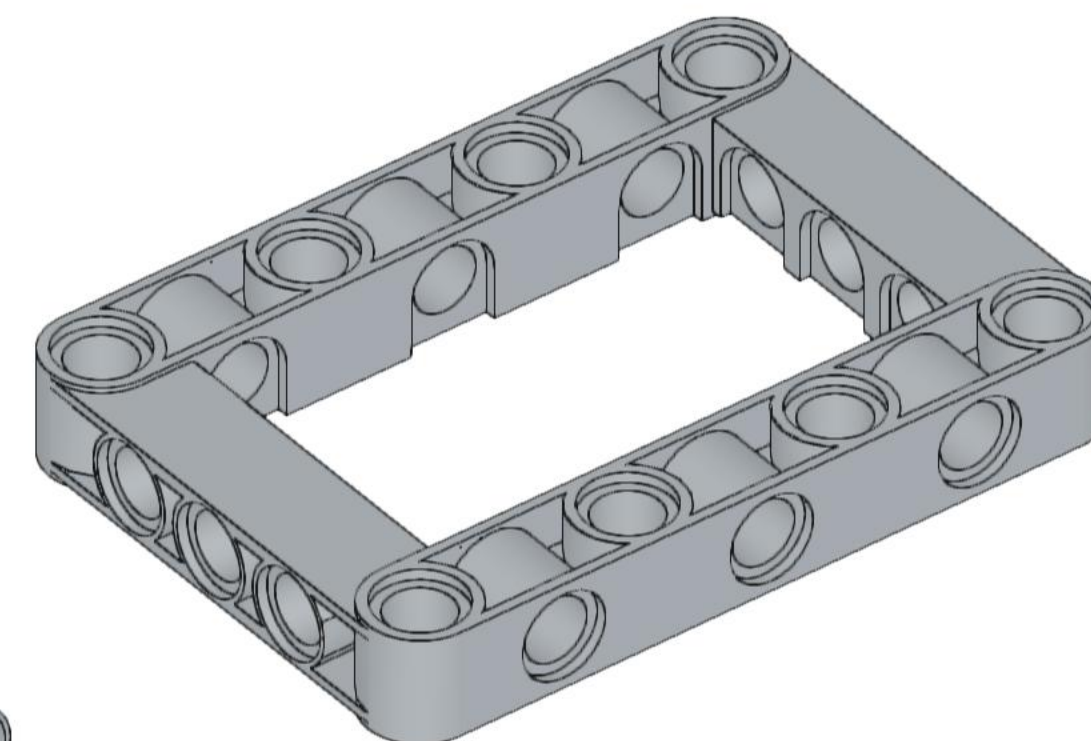


2x
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3



2x
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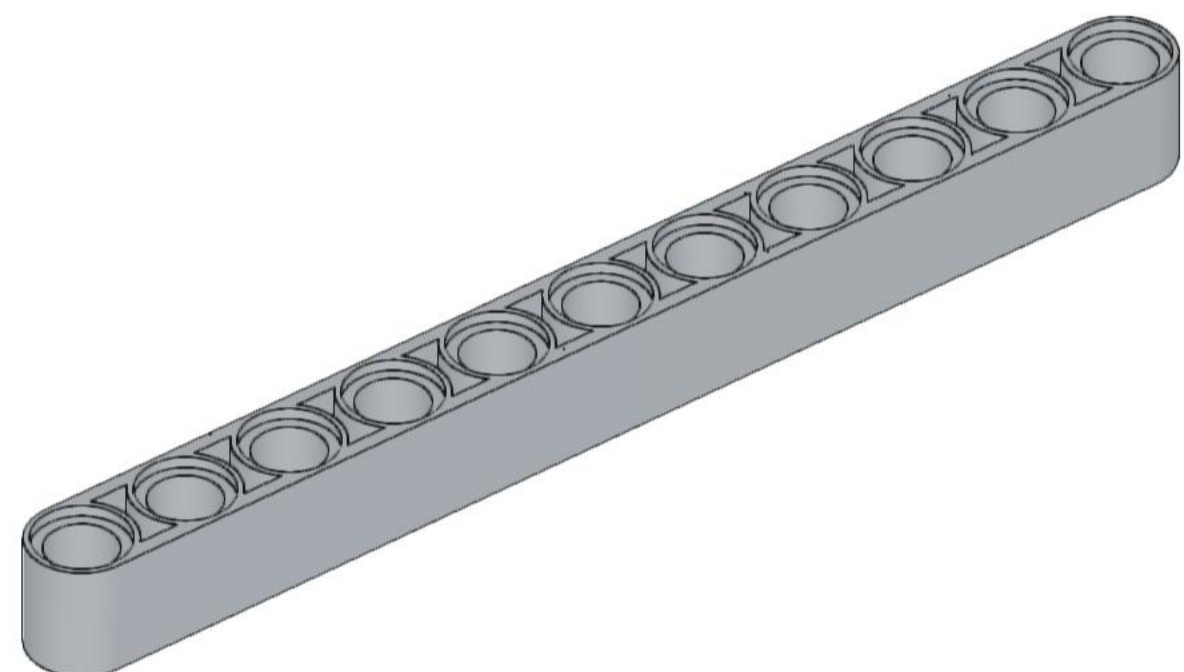


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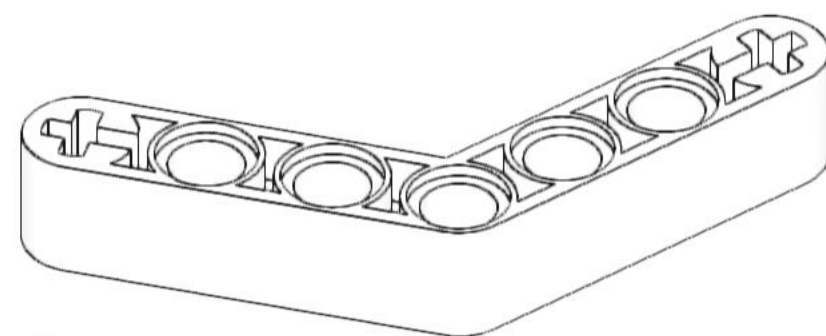


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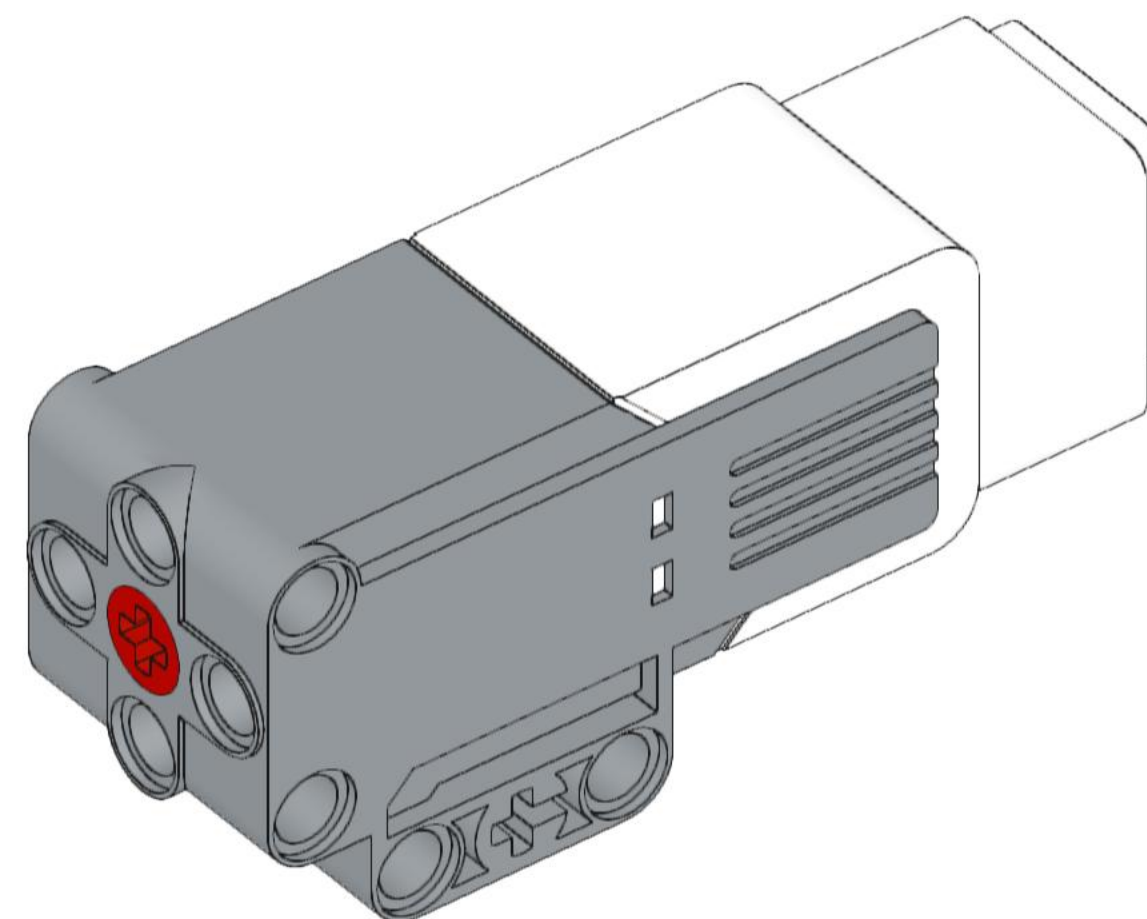
Youtube  me!



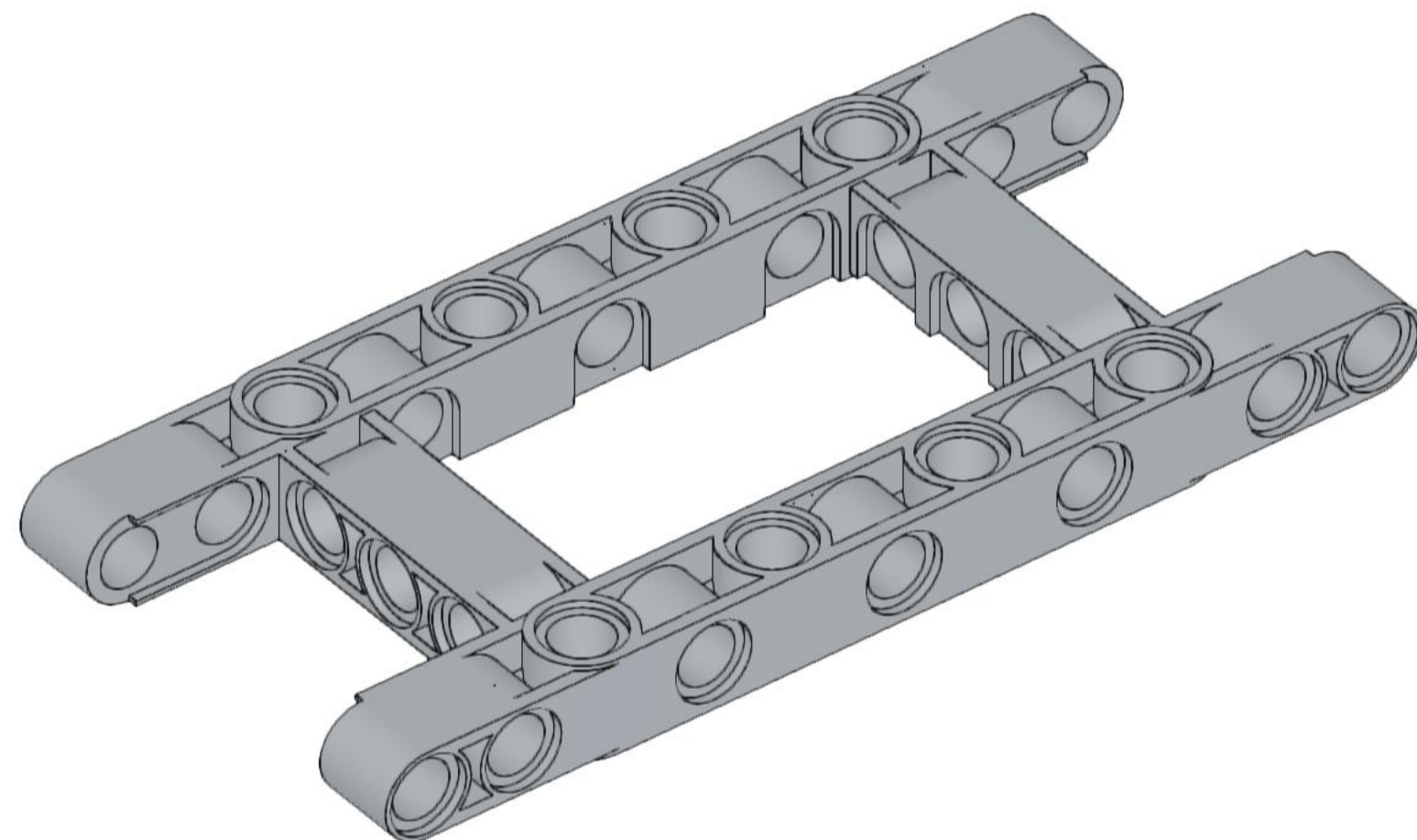
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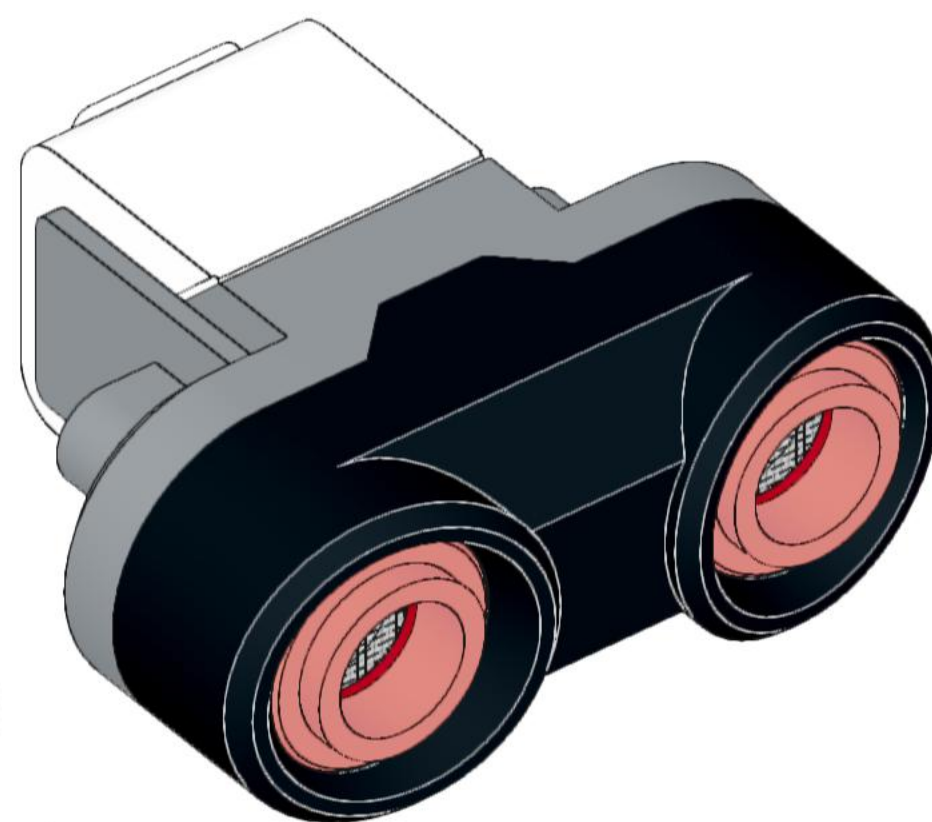
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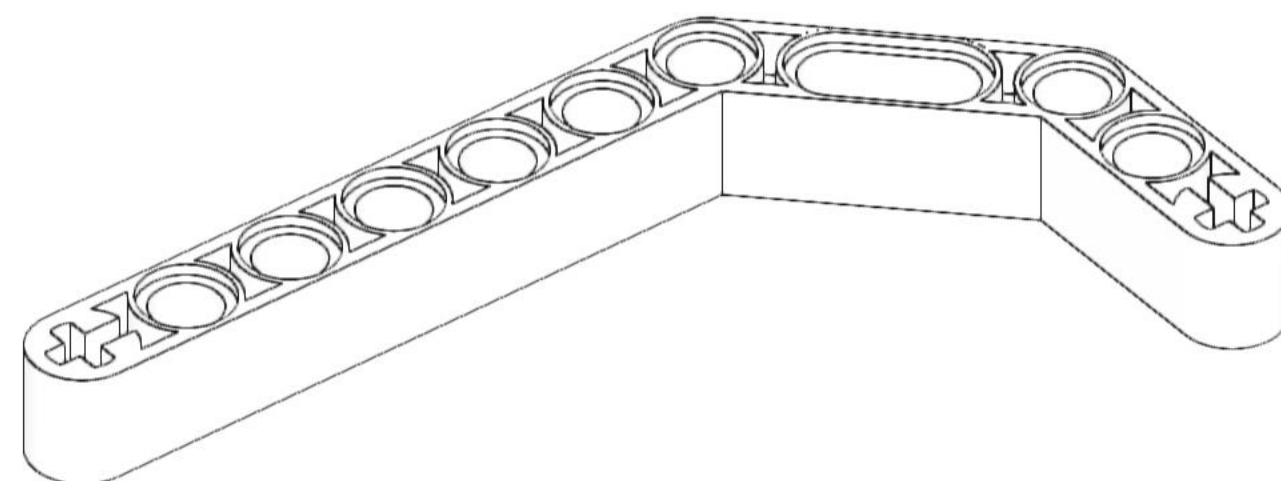
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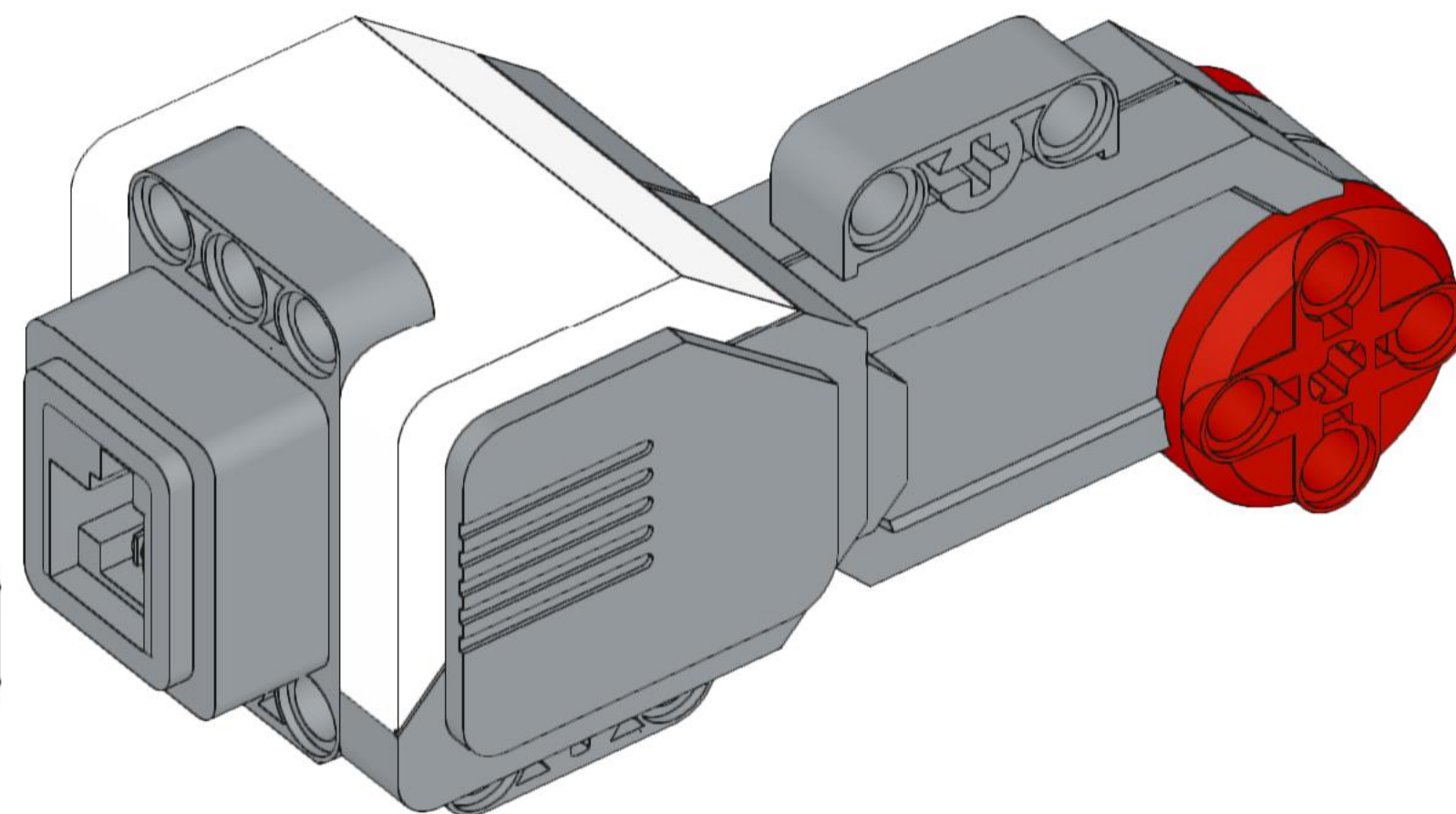
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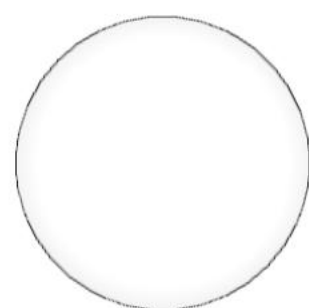
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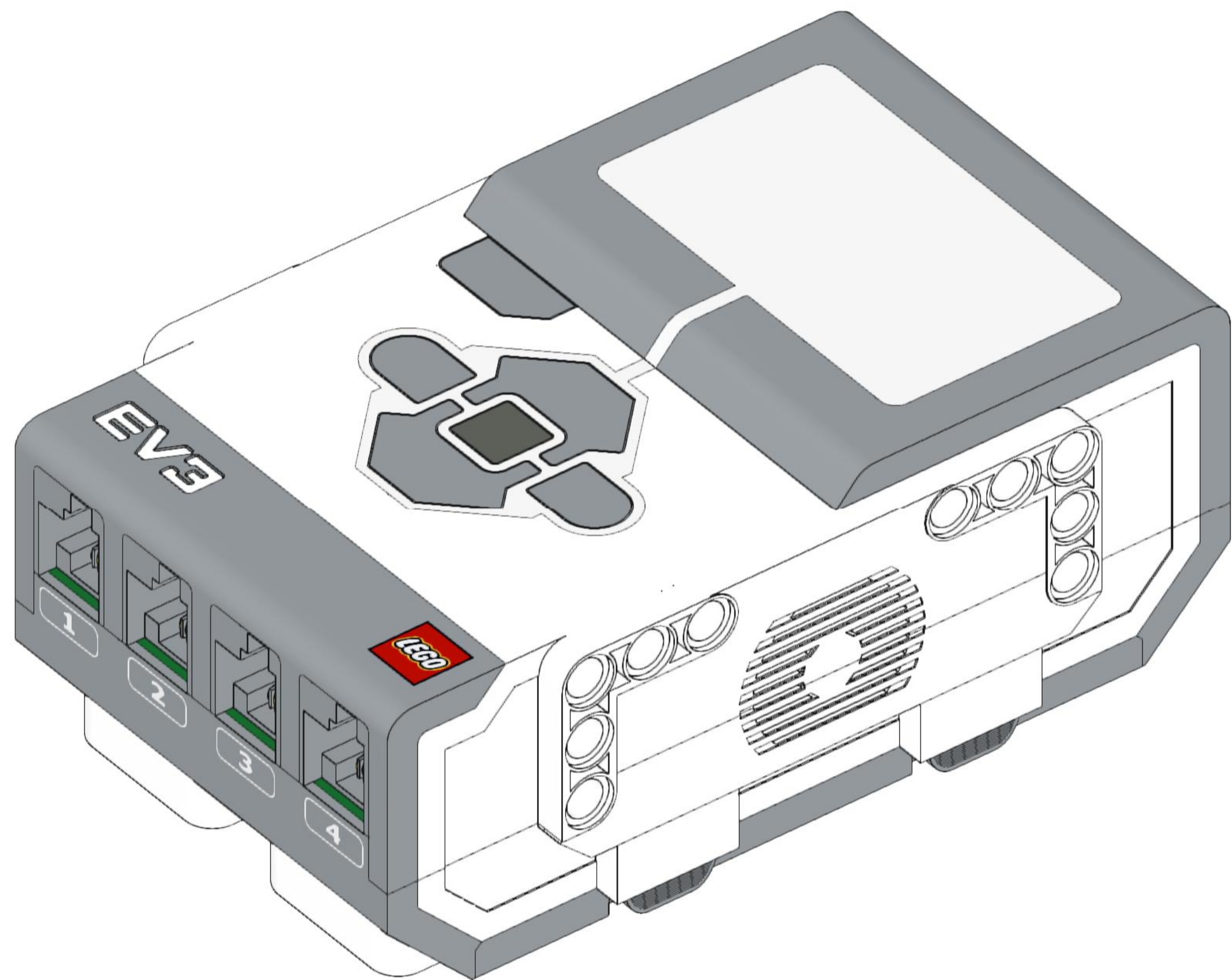
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6271161



2x



1x

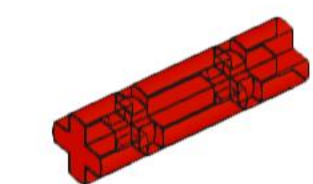


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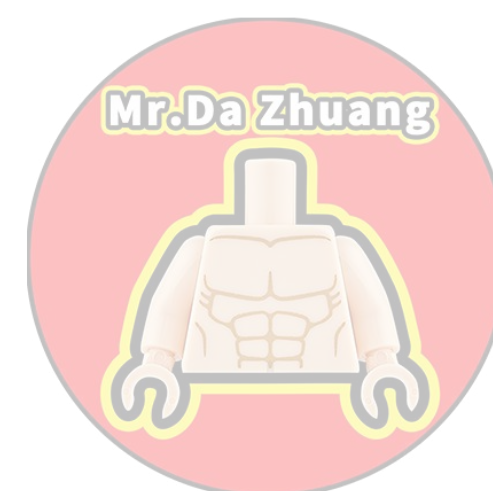
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8x
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1x

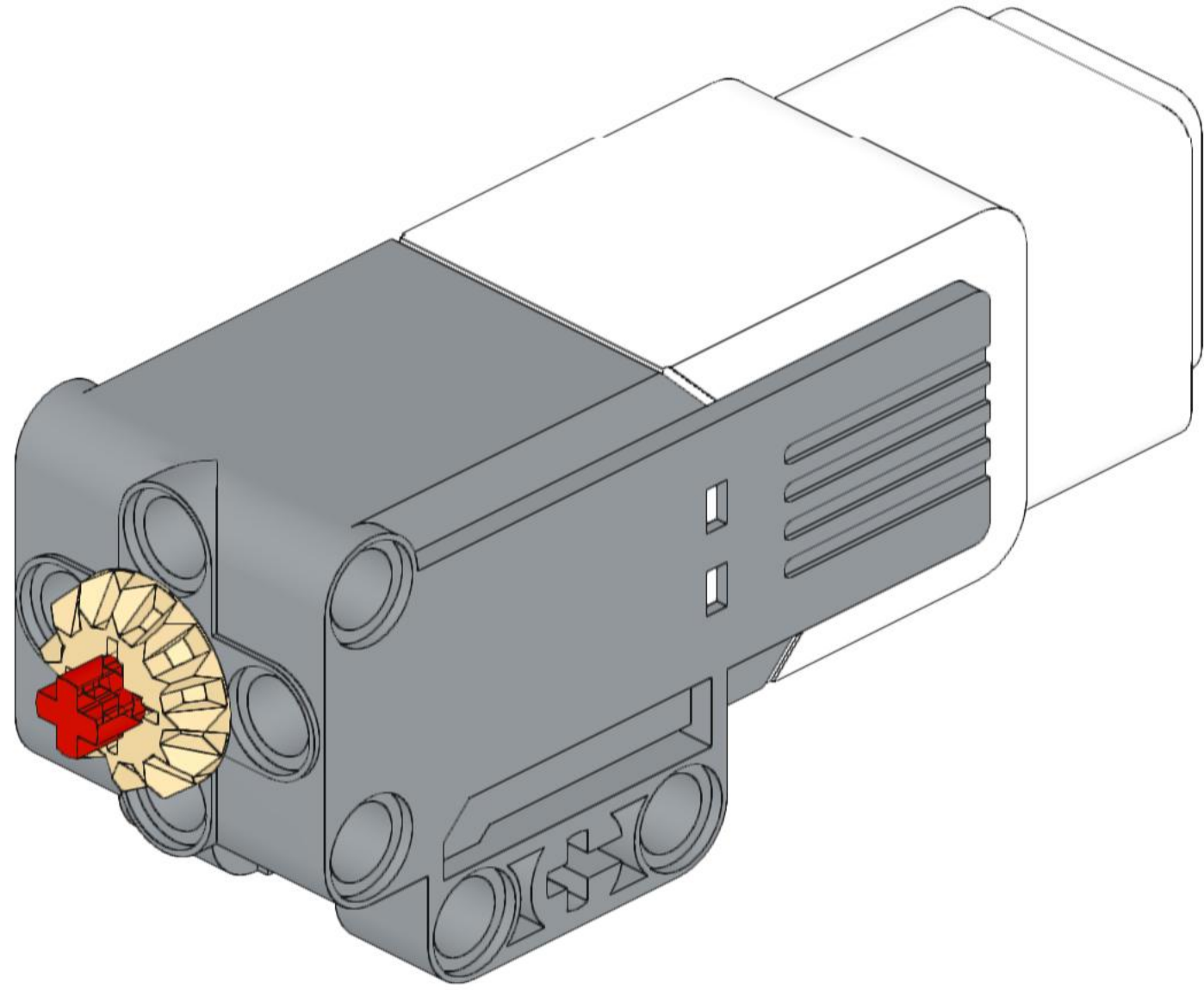
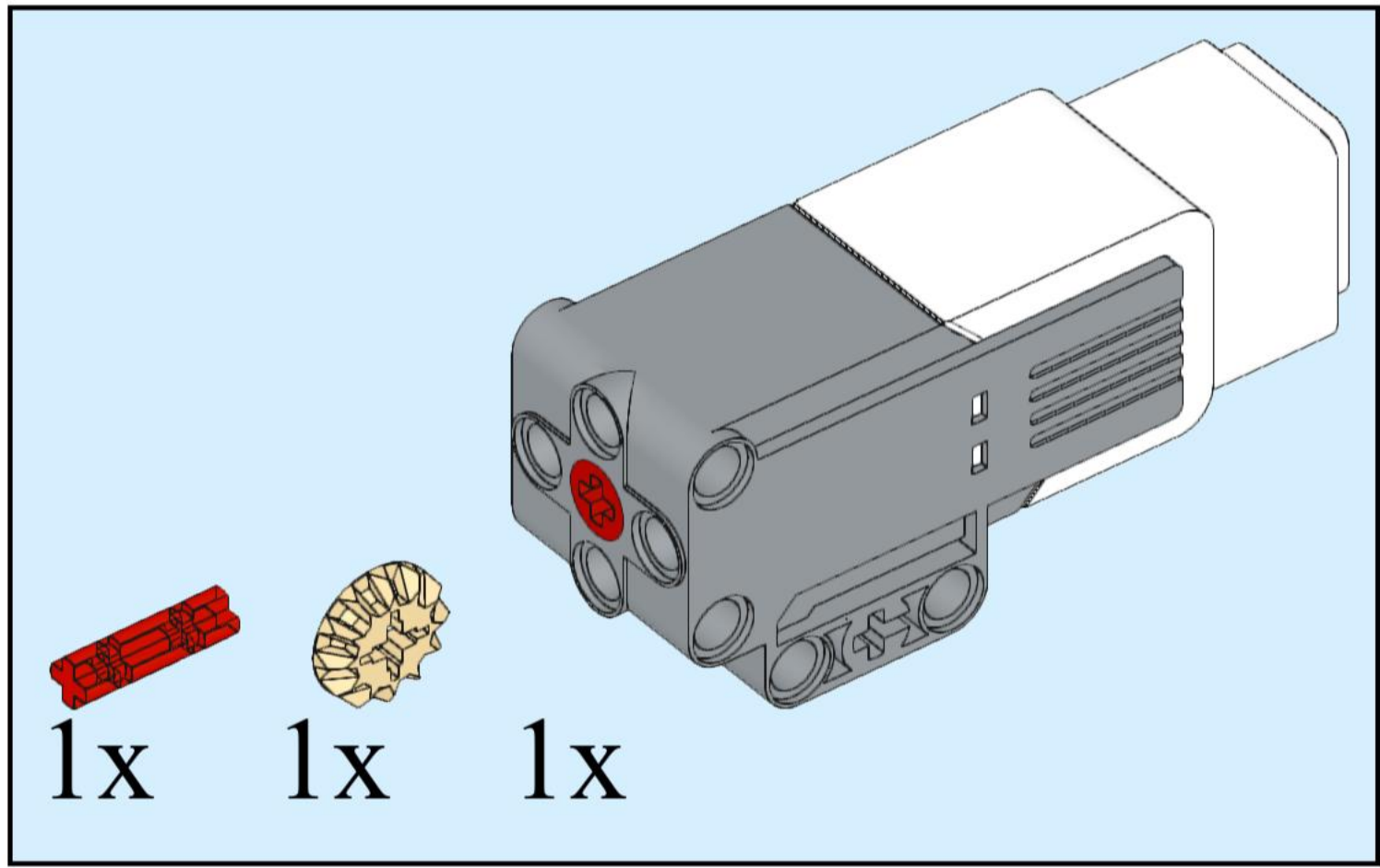


1x
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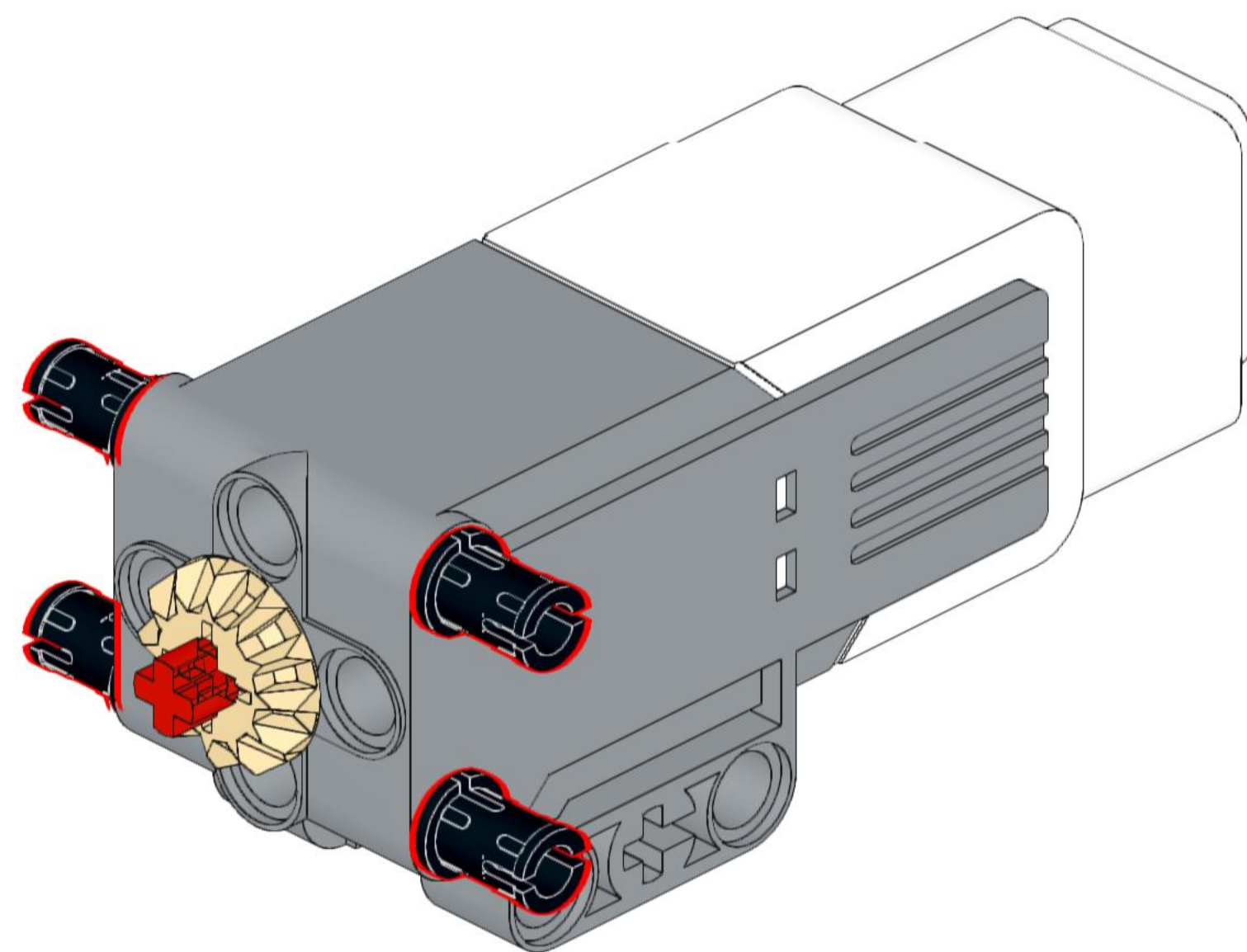
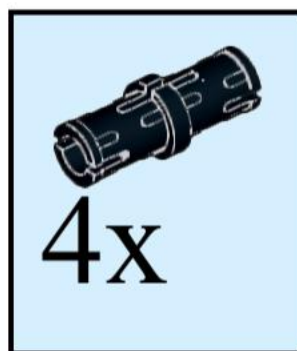


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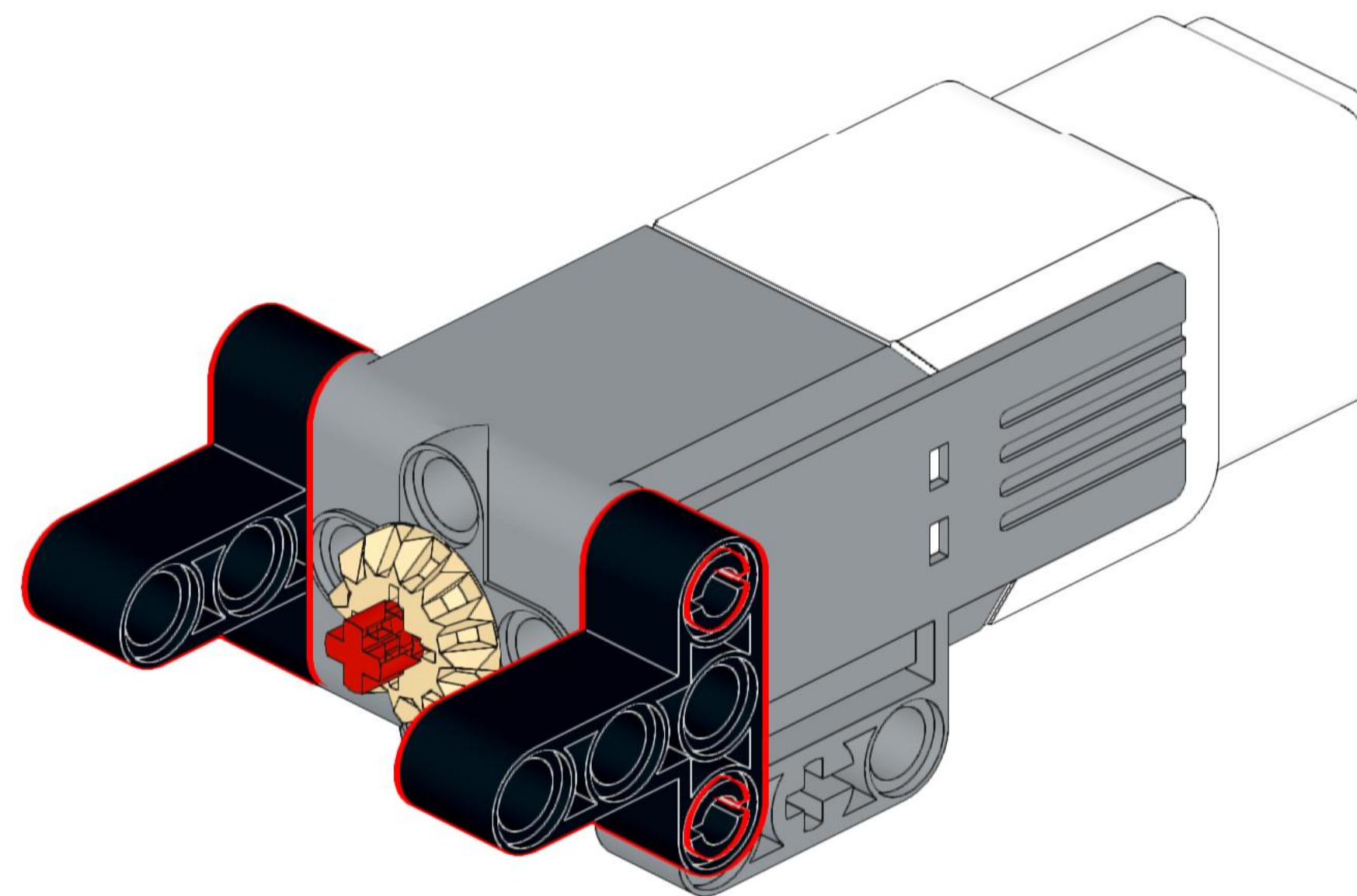
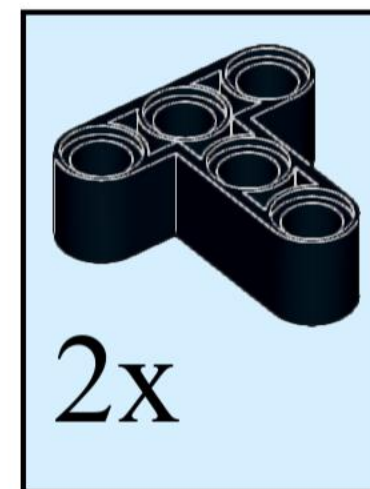
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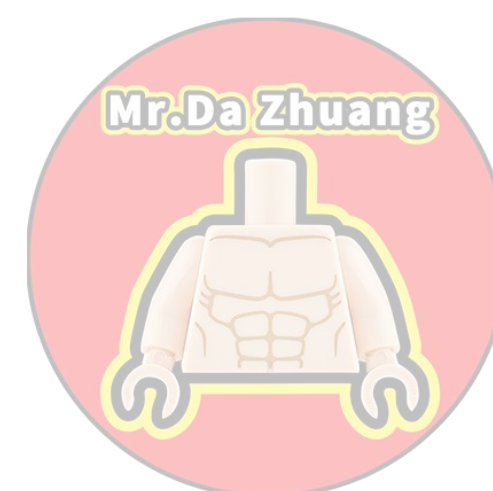
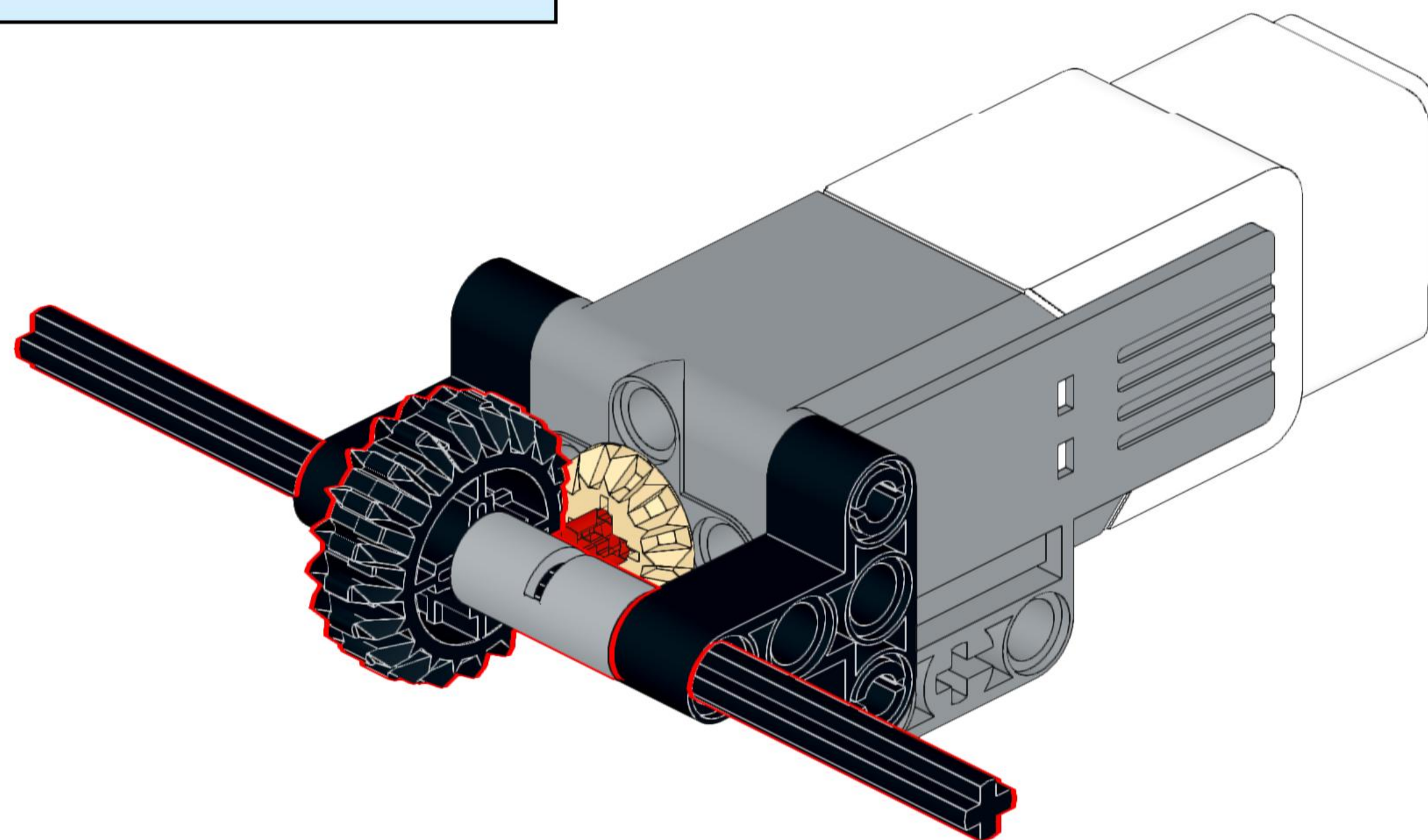
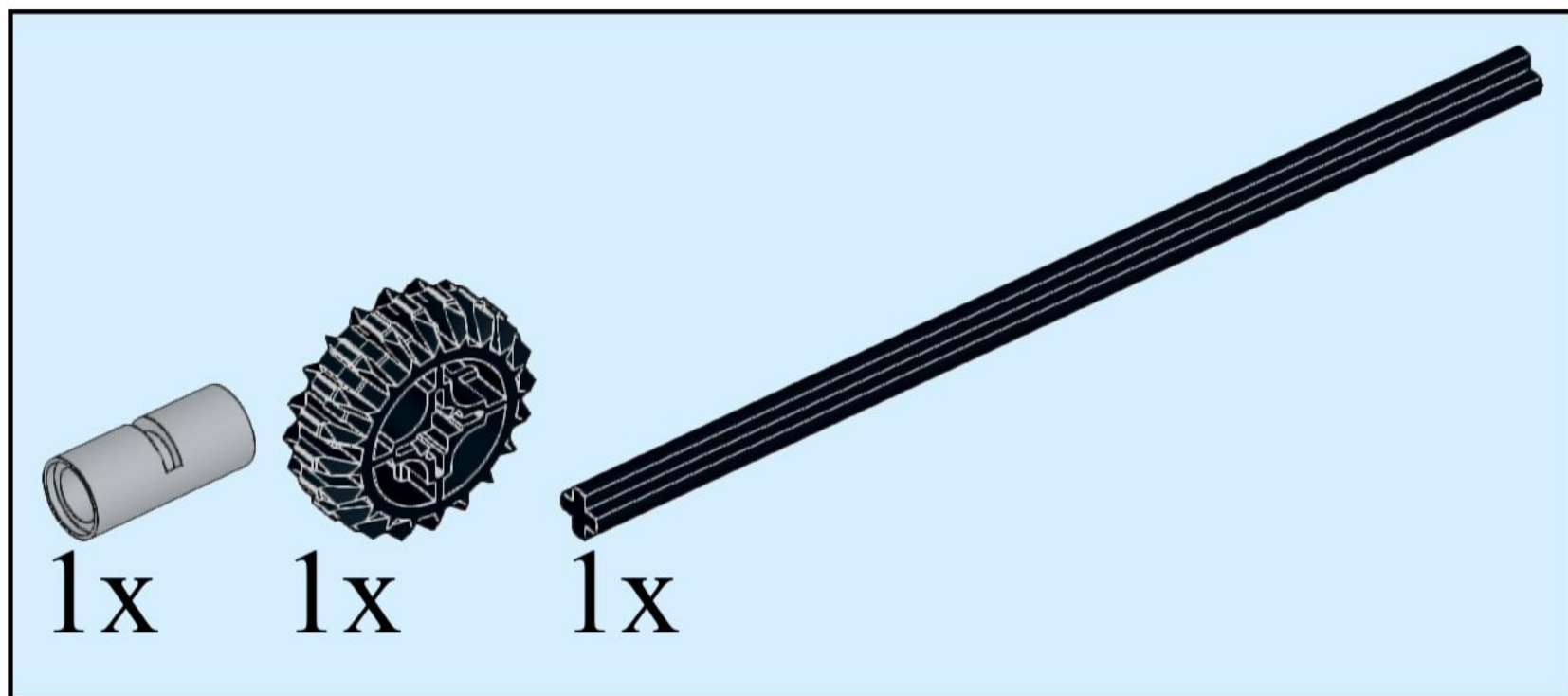
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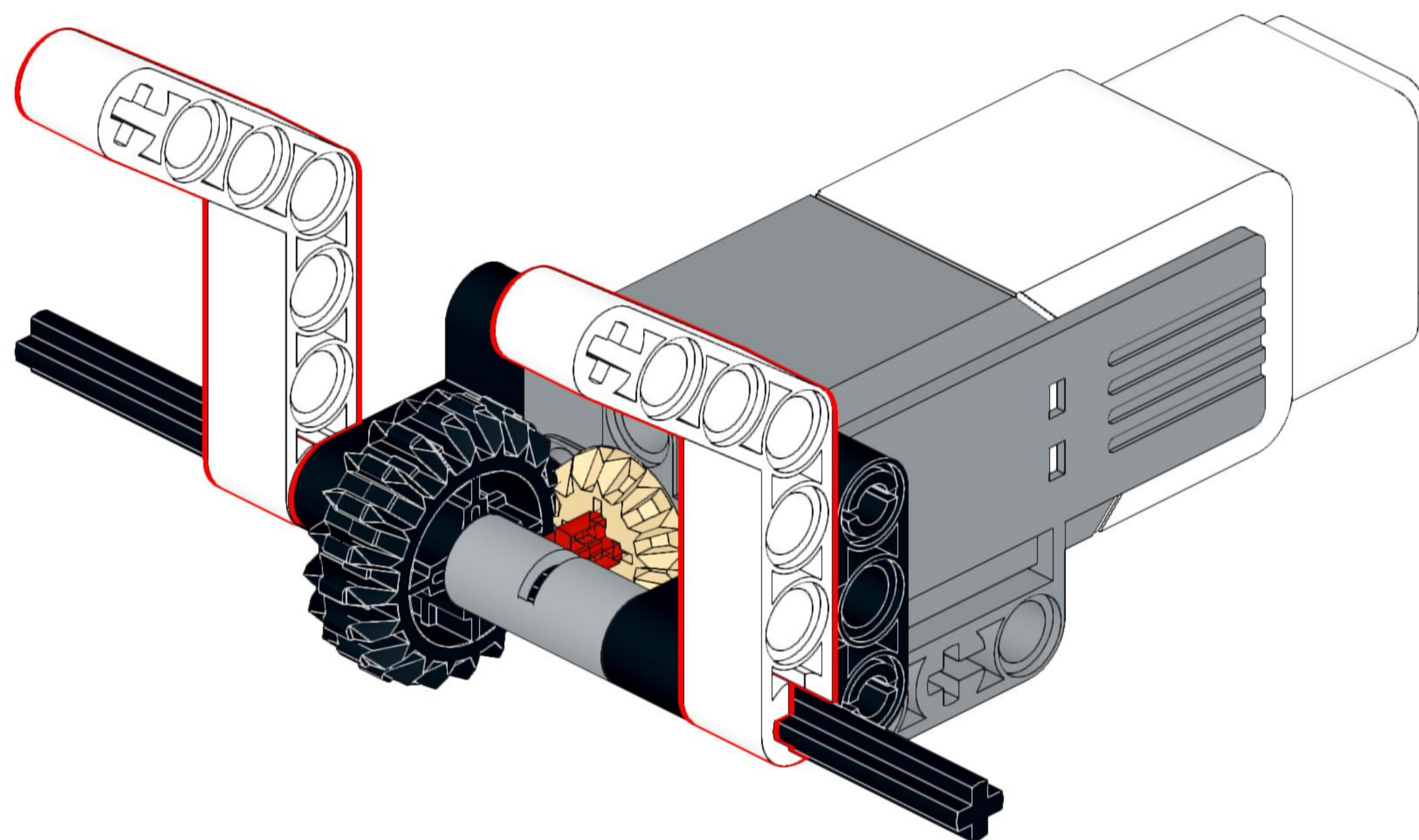
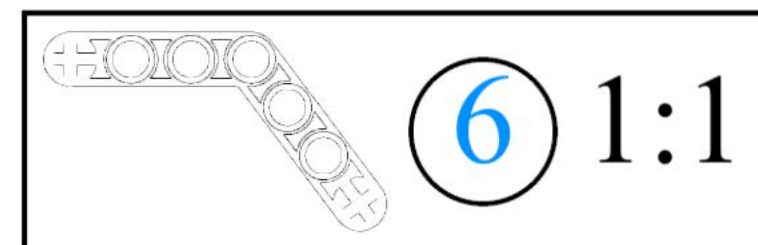
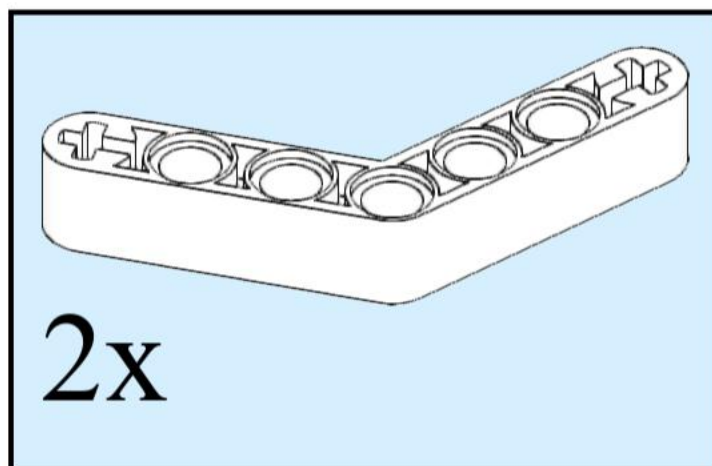


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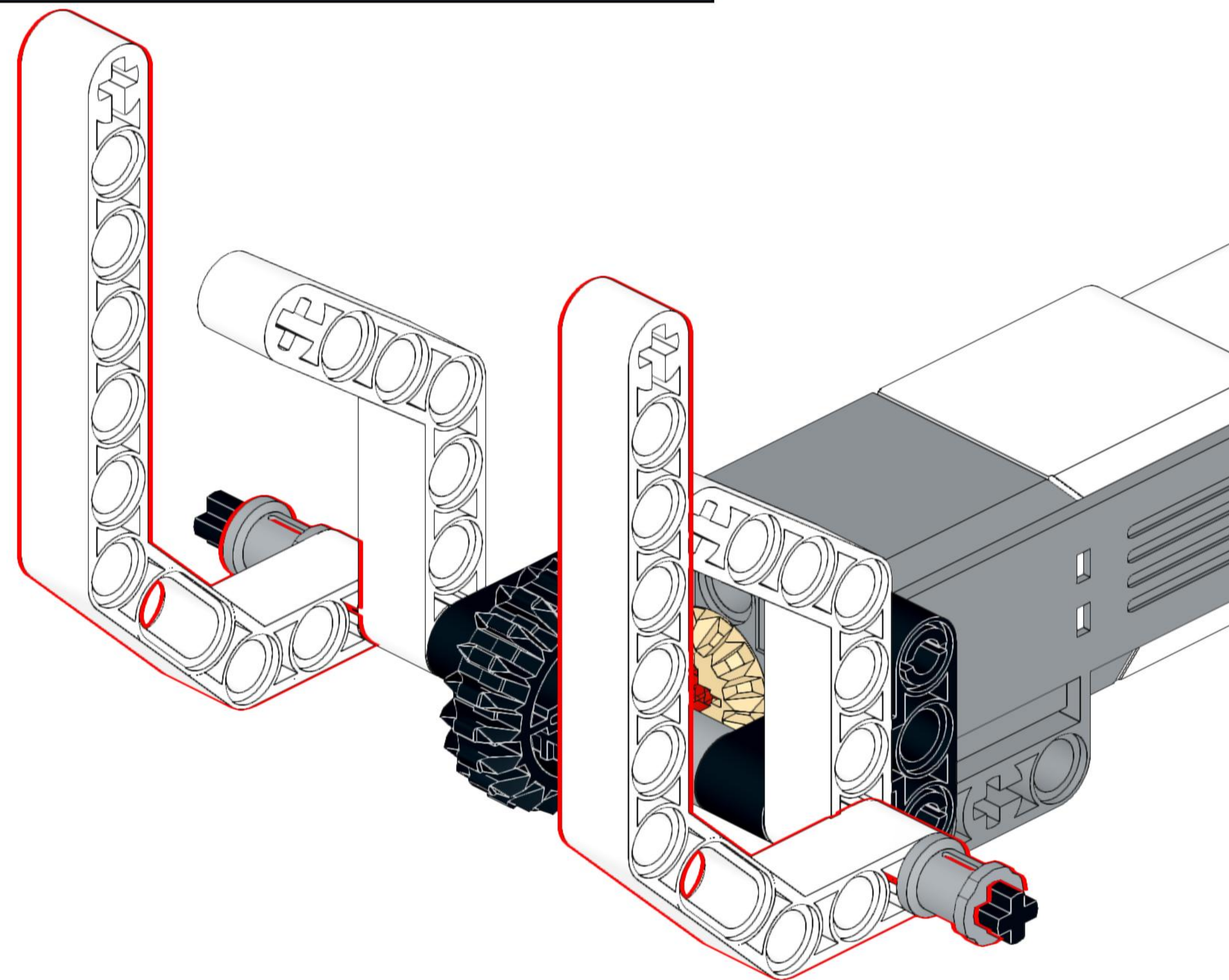
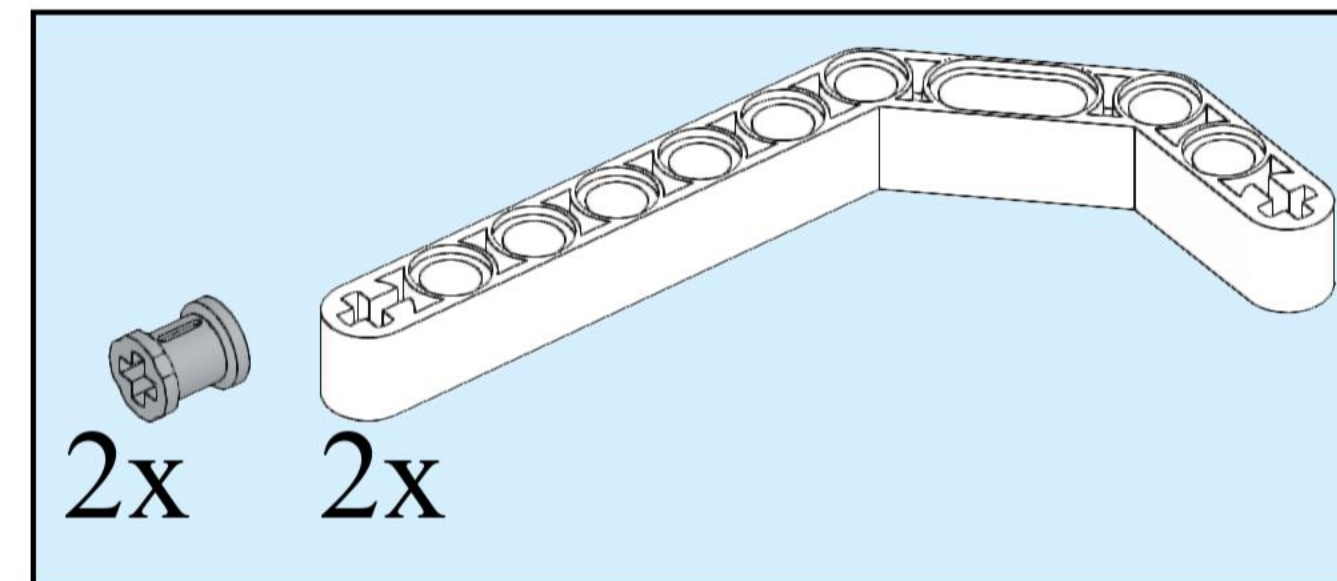


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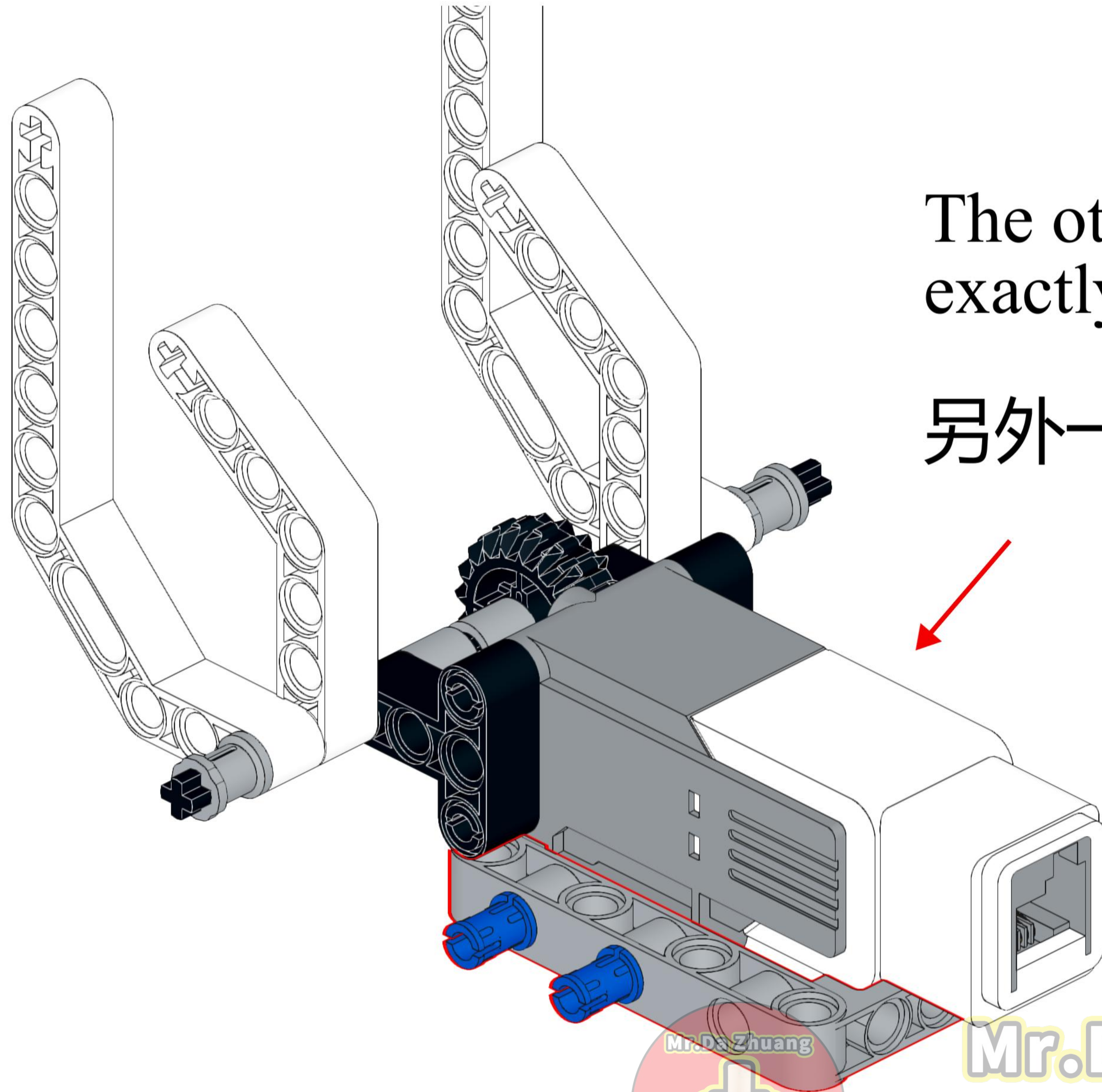
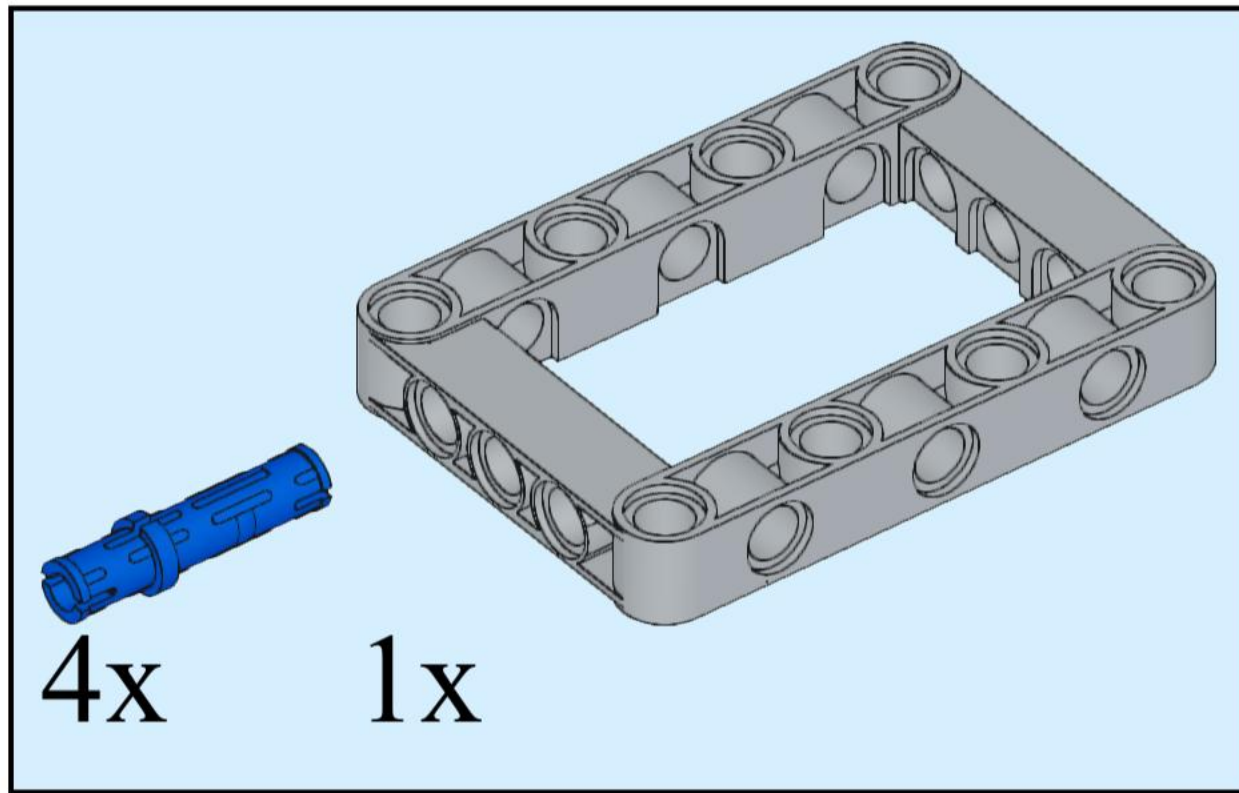
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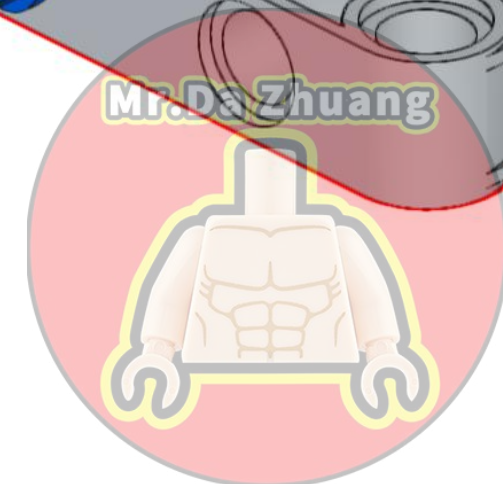


7



The other side is
exactly the same

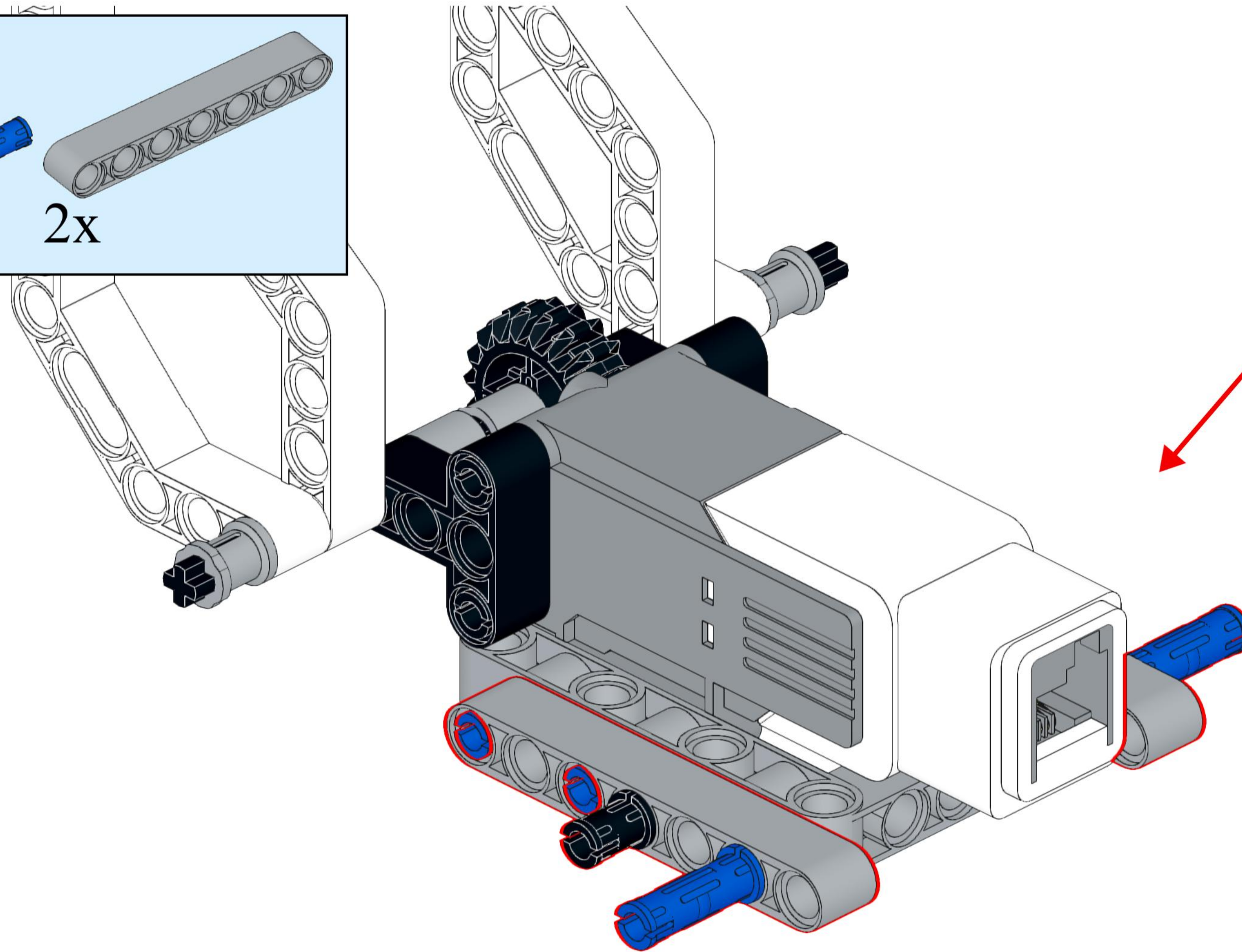
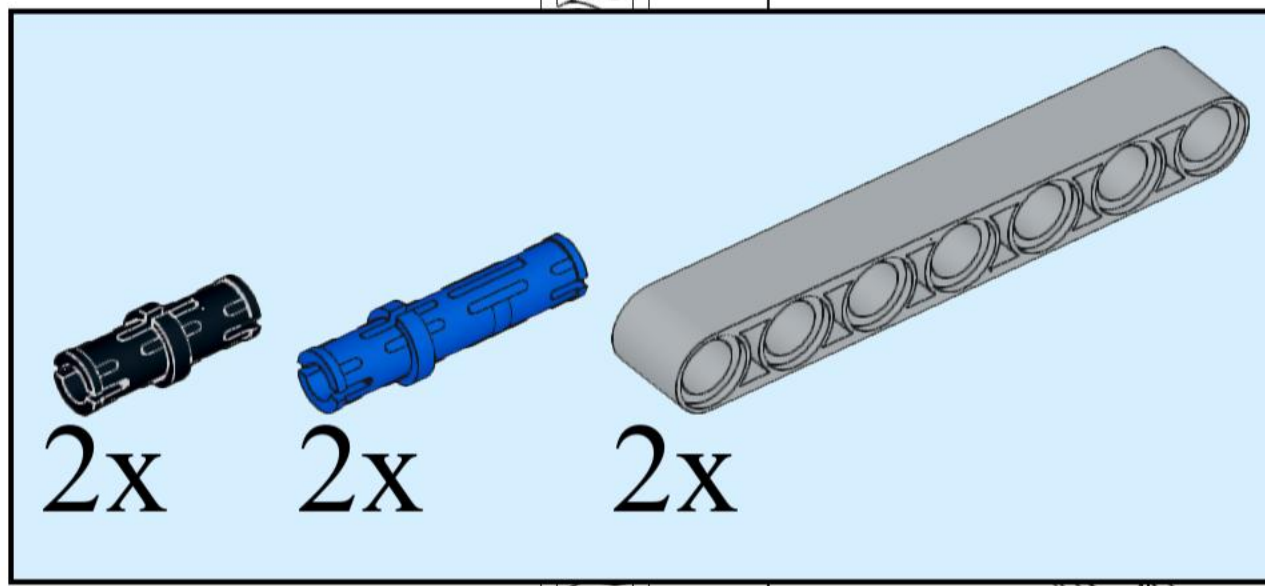
另外一边一模一样



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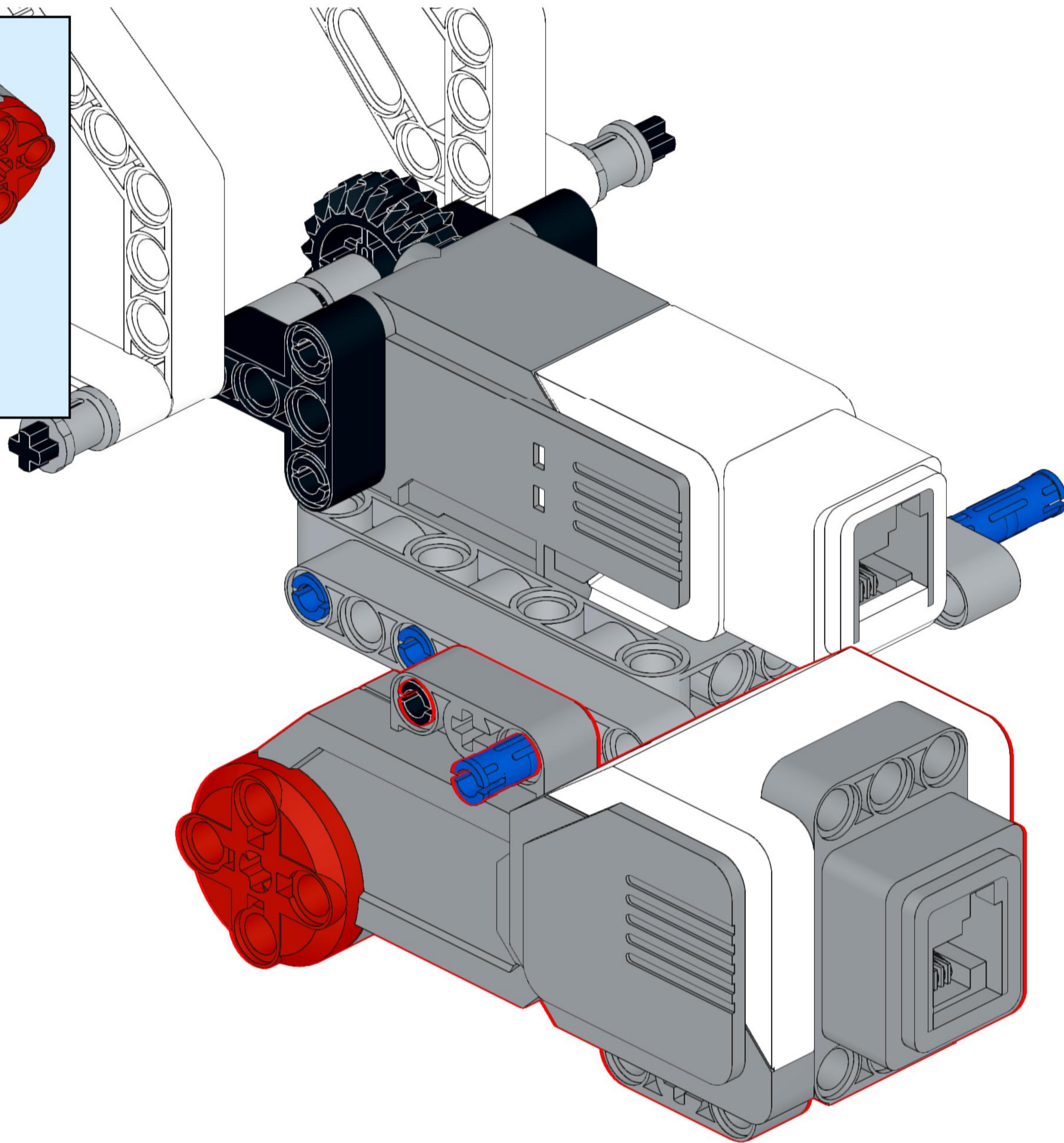
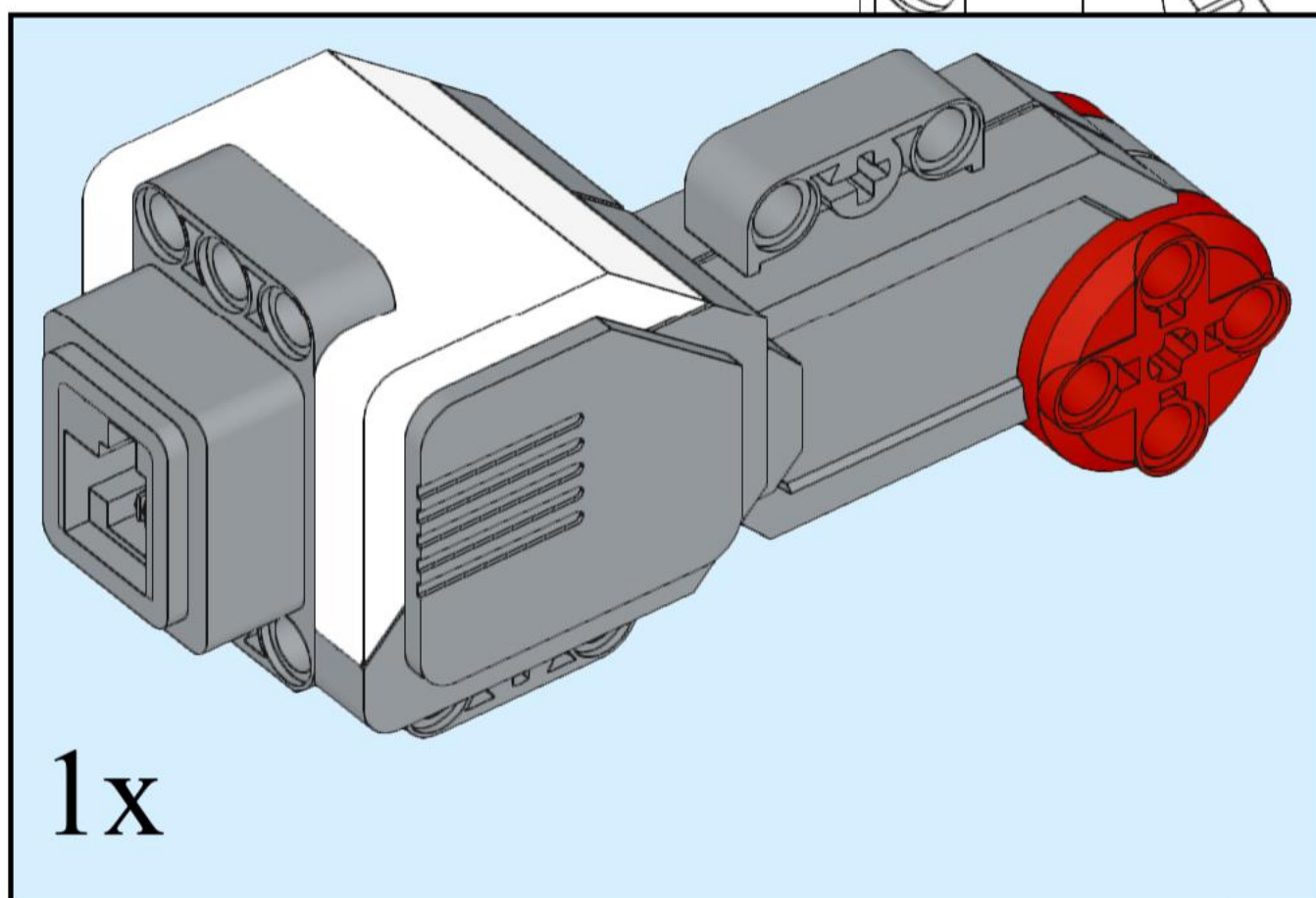
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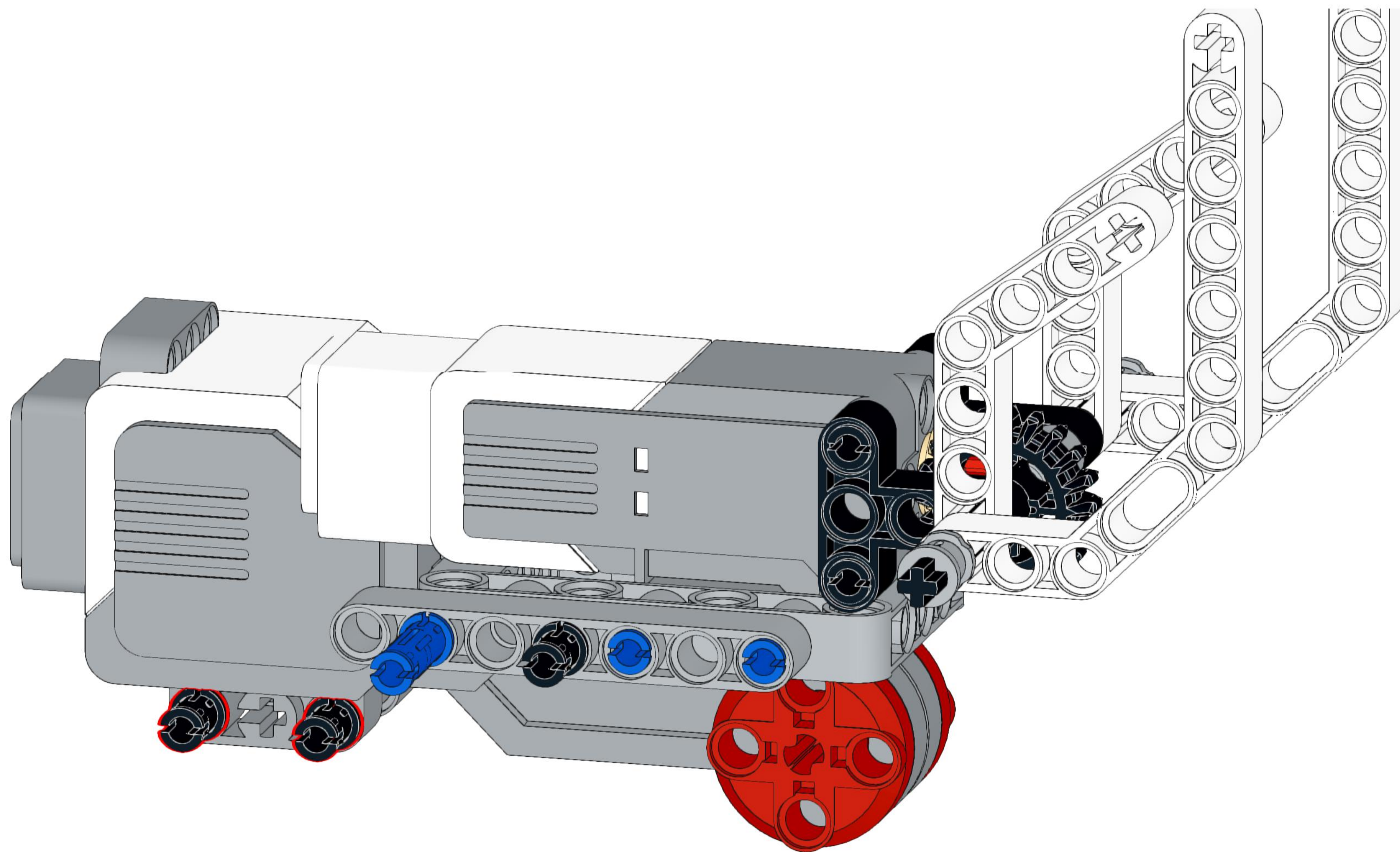
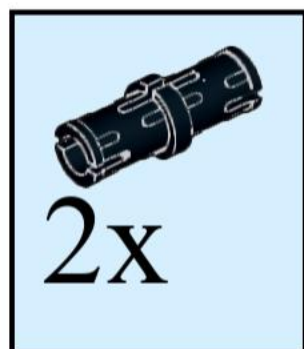
The other side is exactly the same

另外一边一模一样

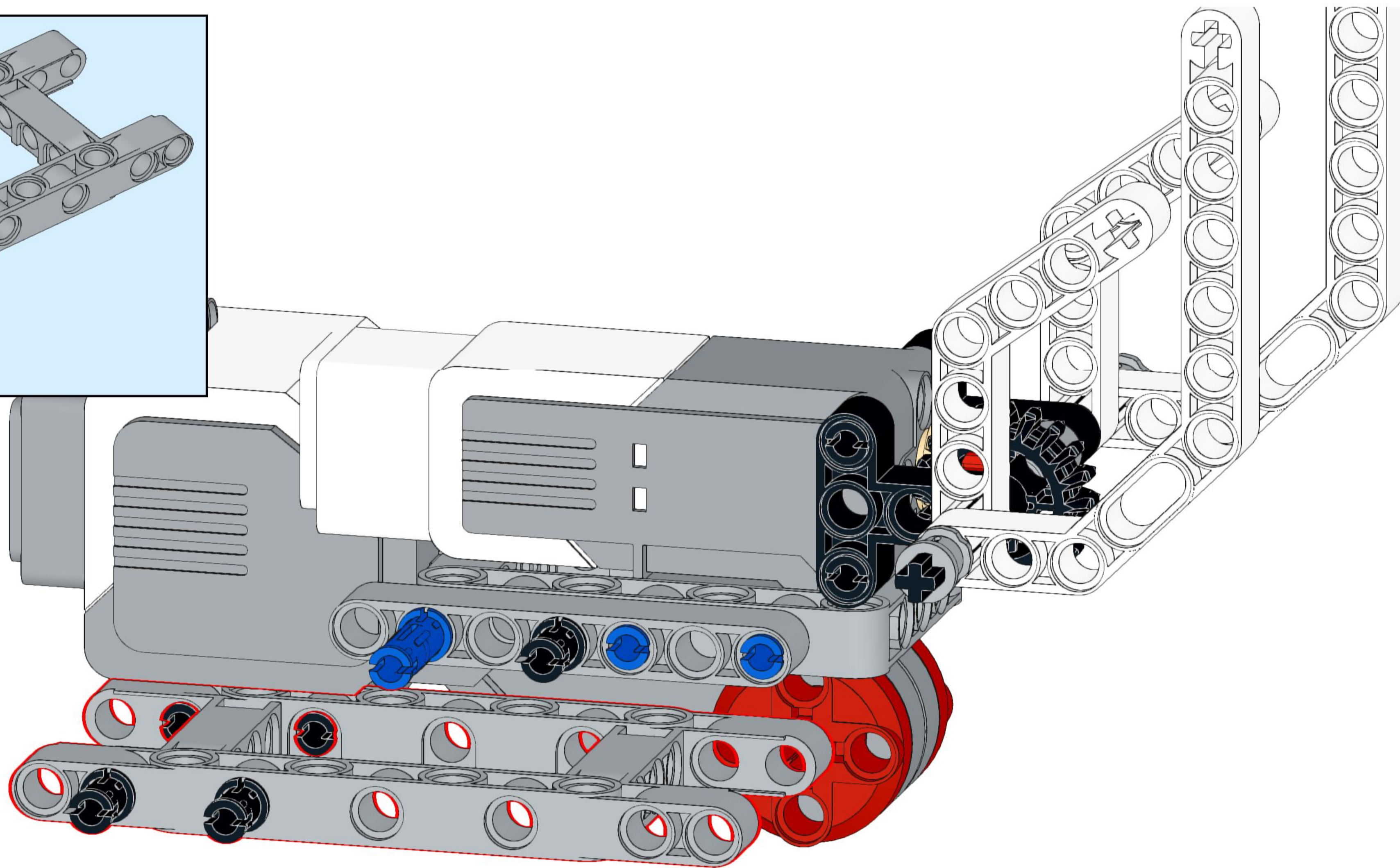
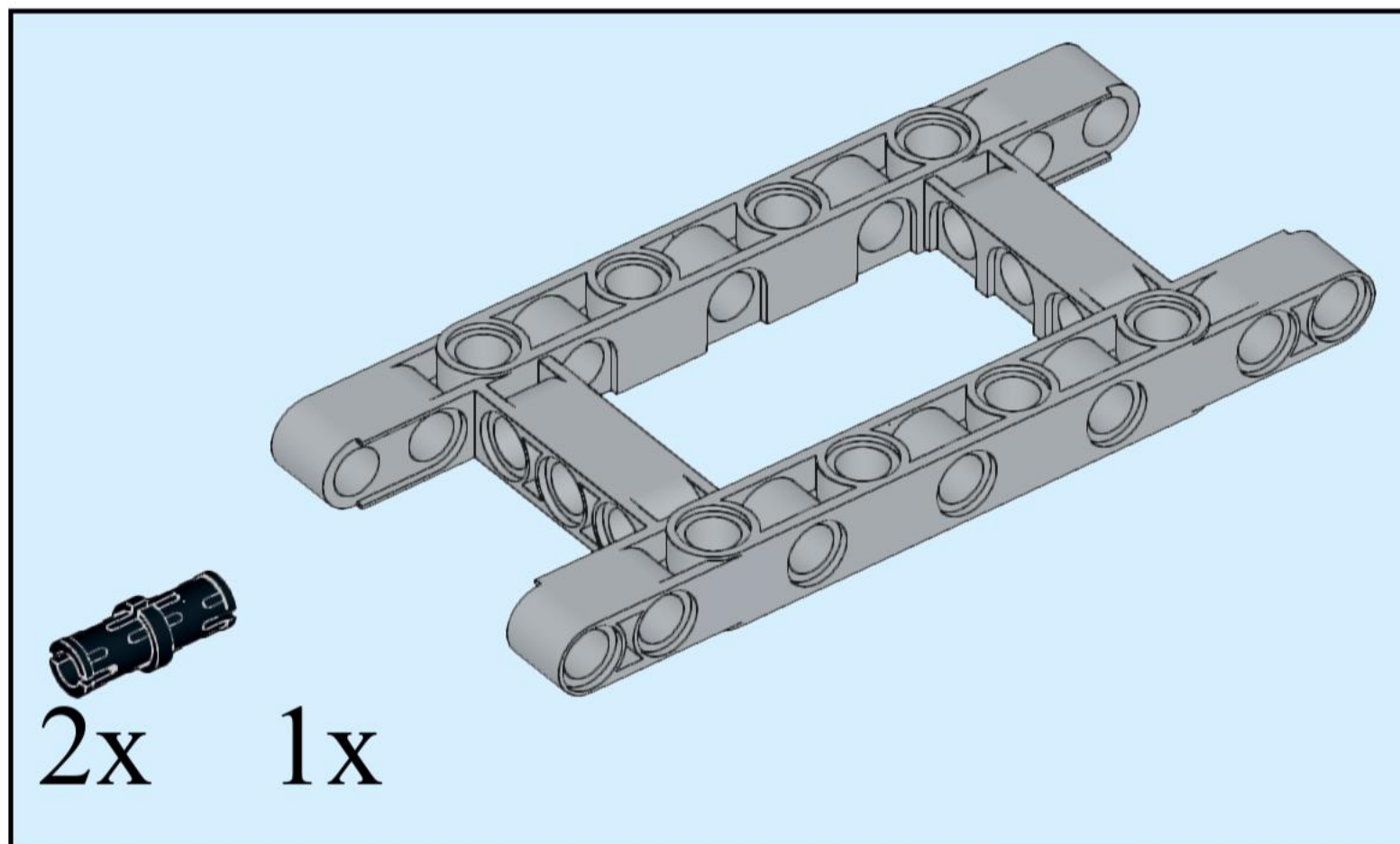
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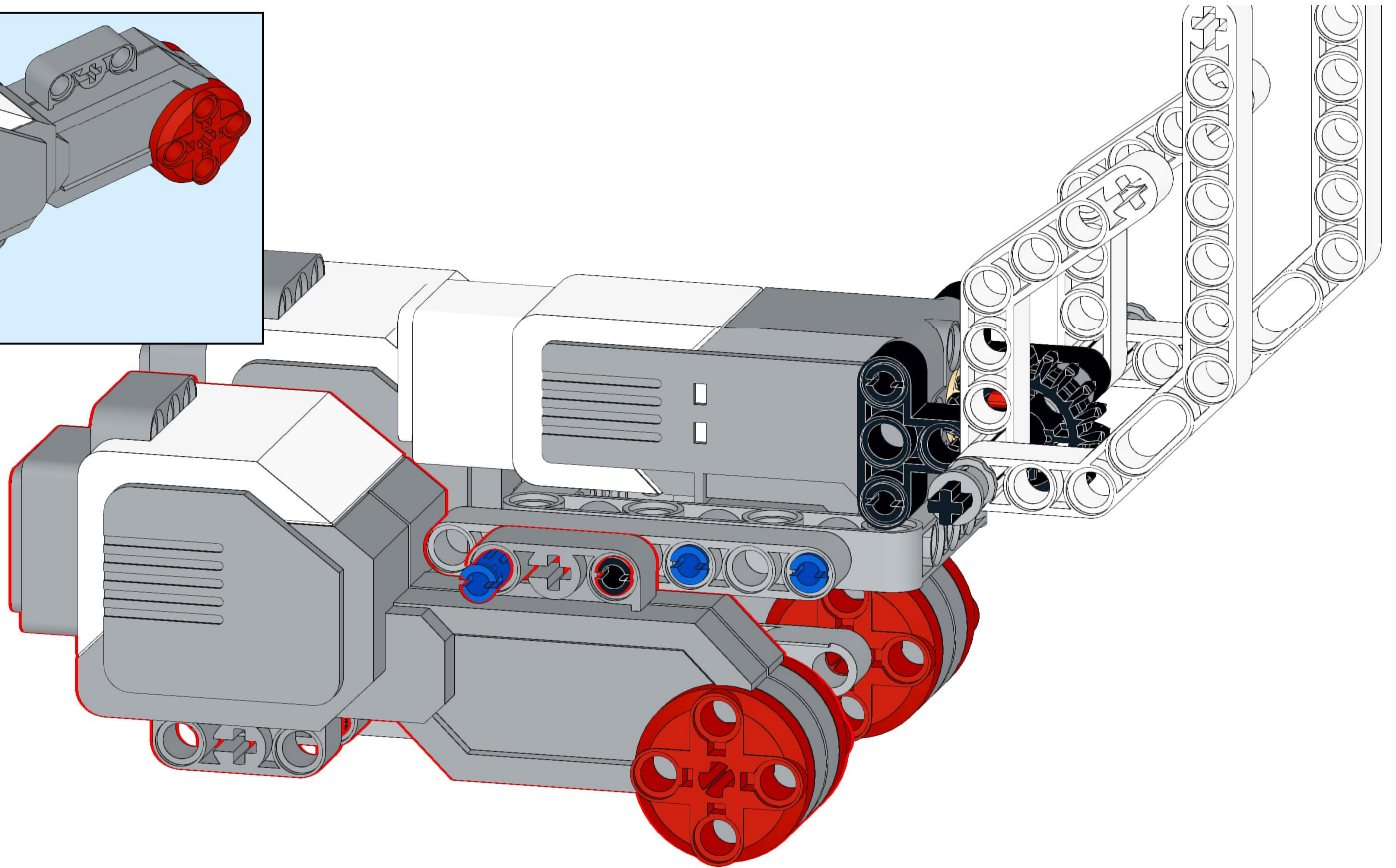
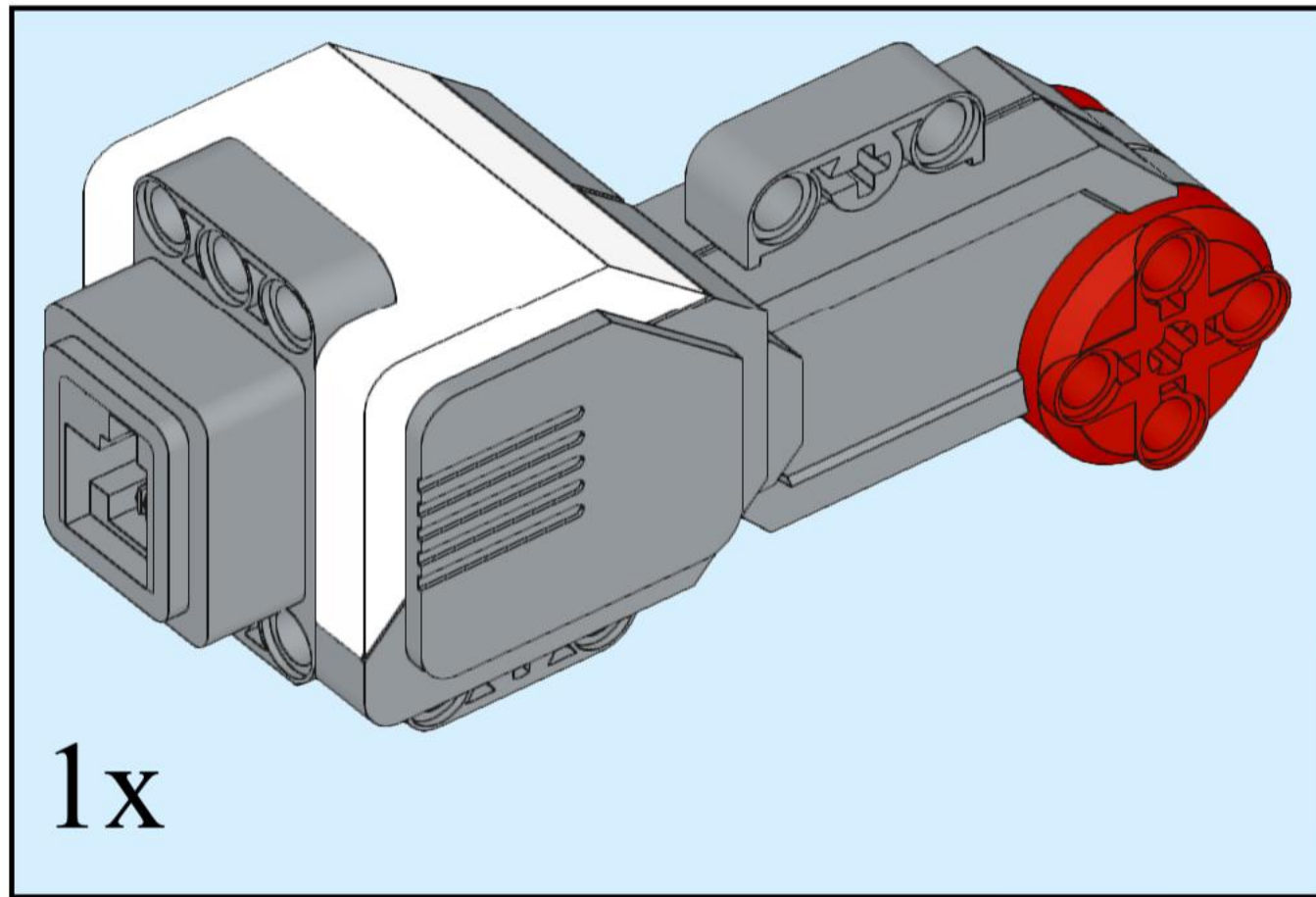
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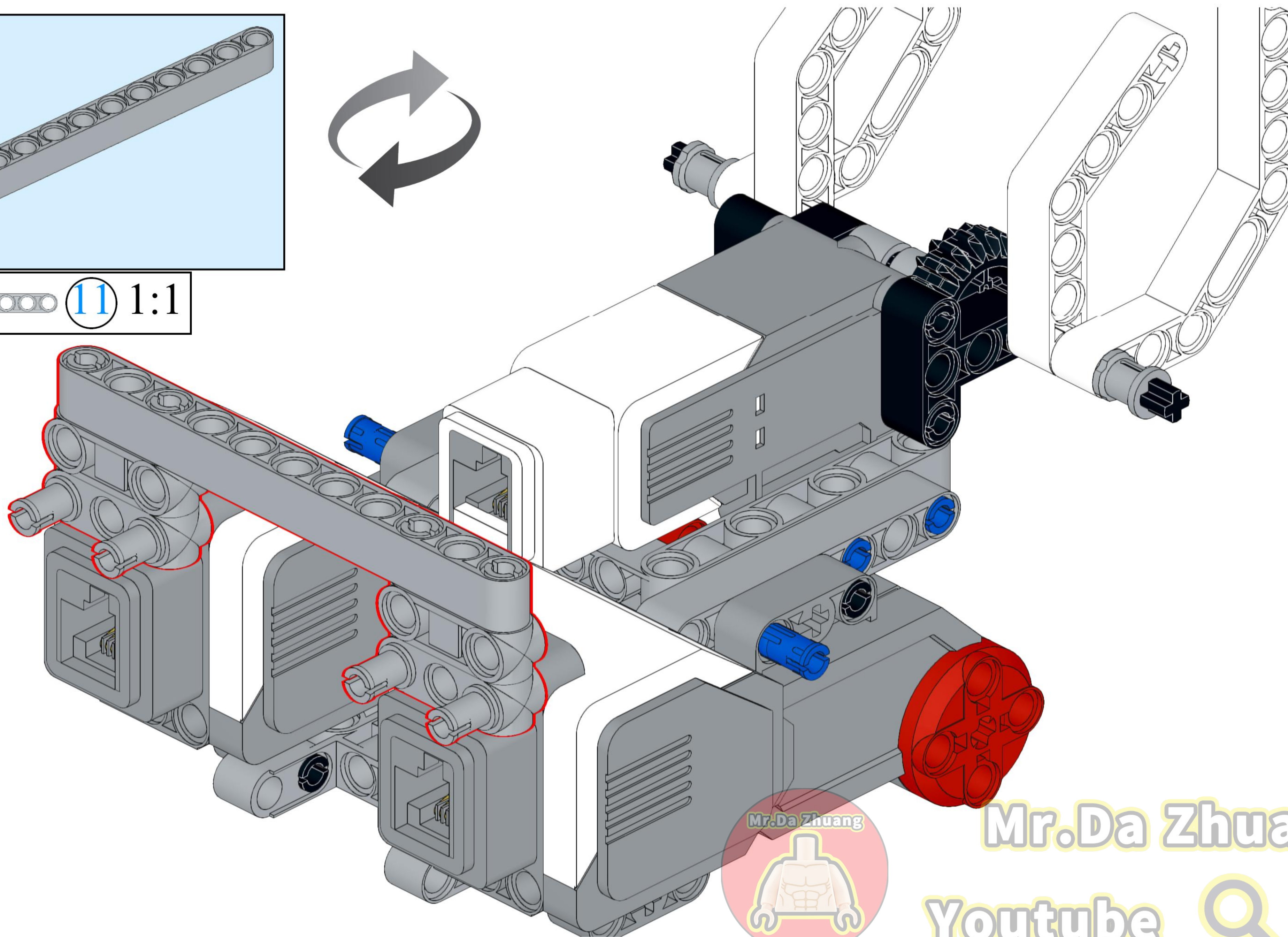
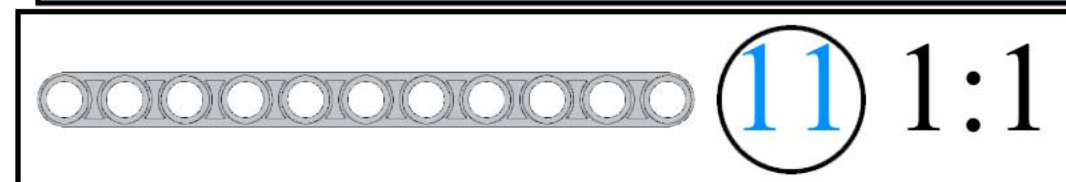
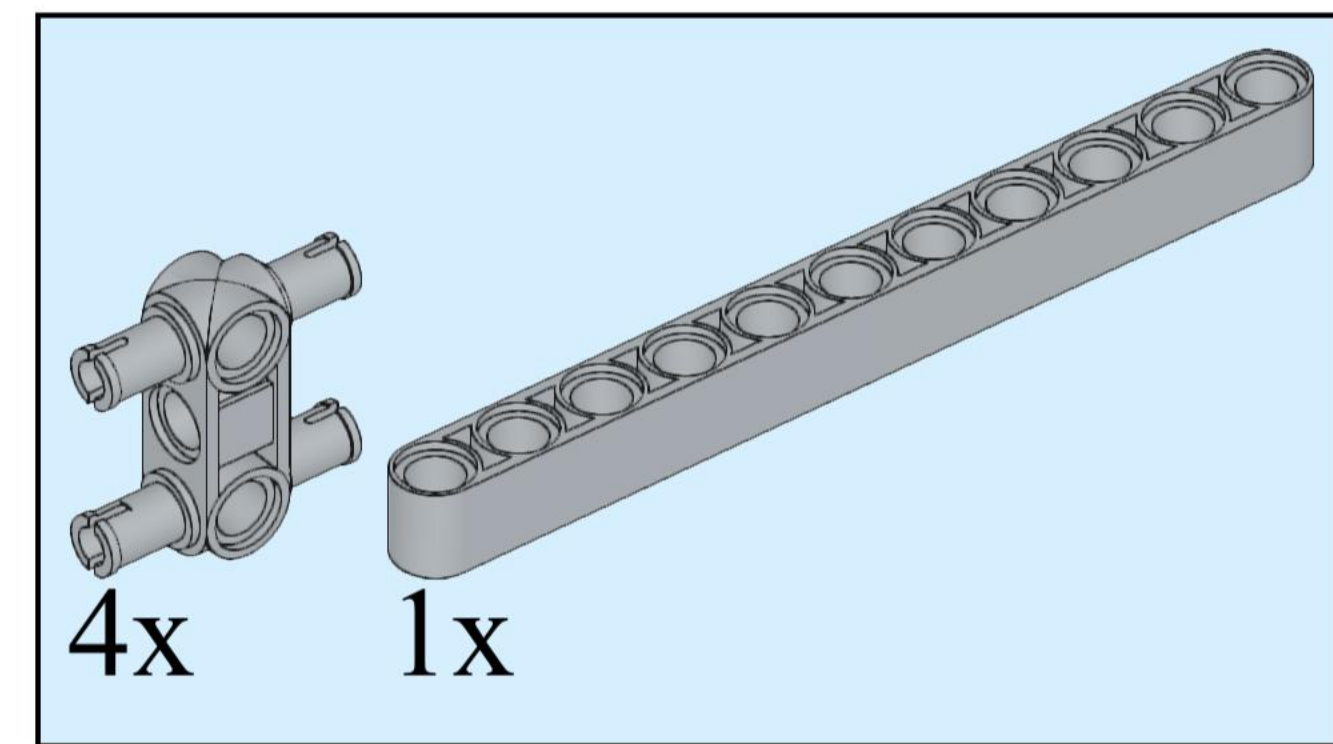
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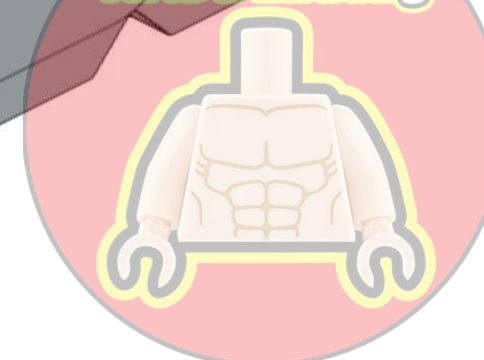
12



13



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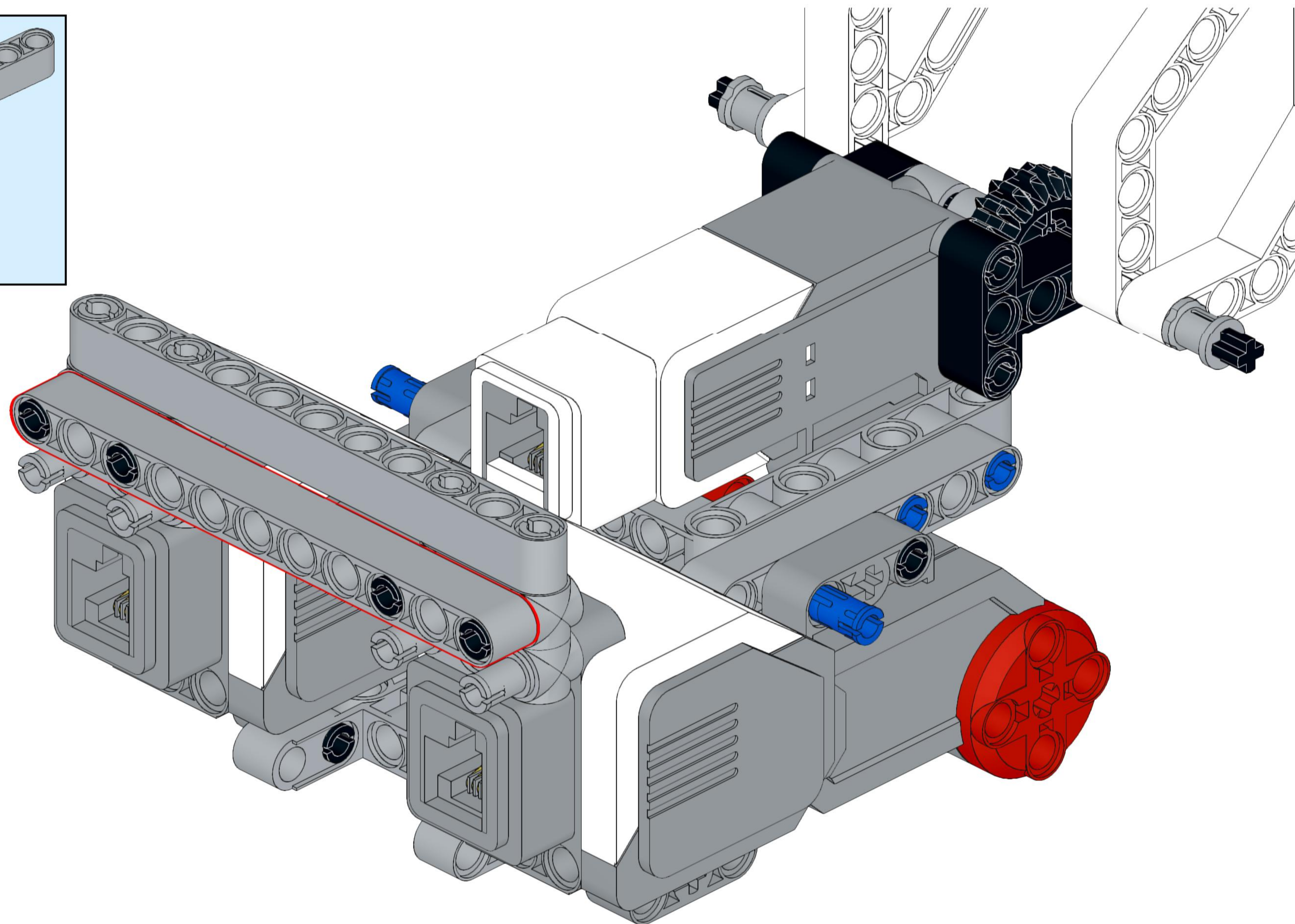
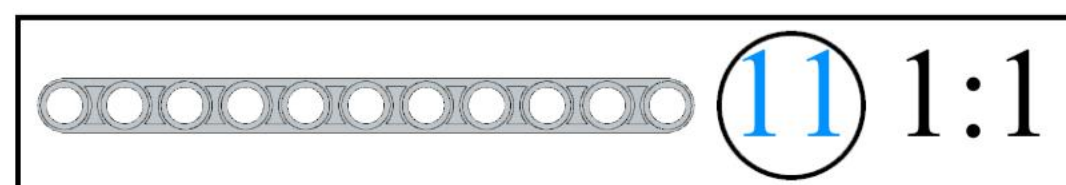
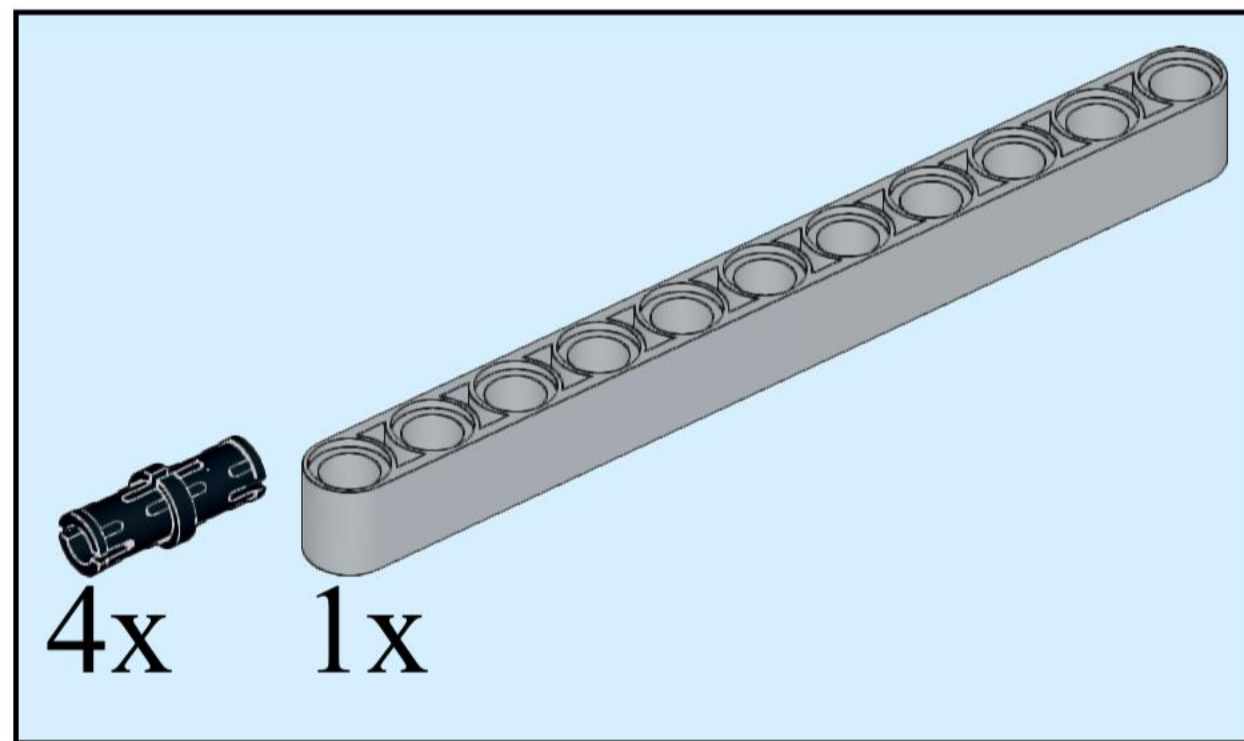
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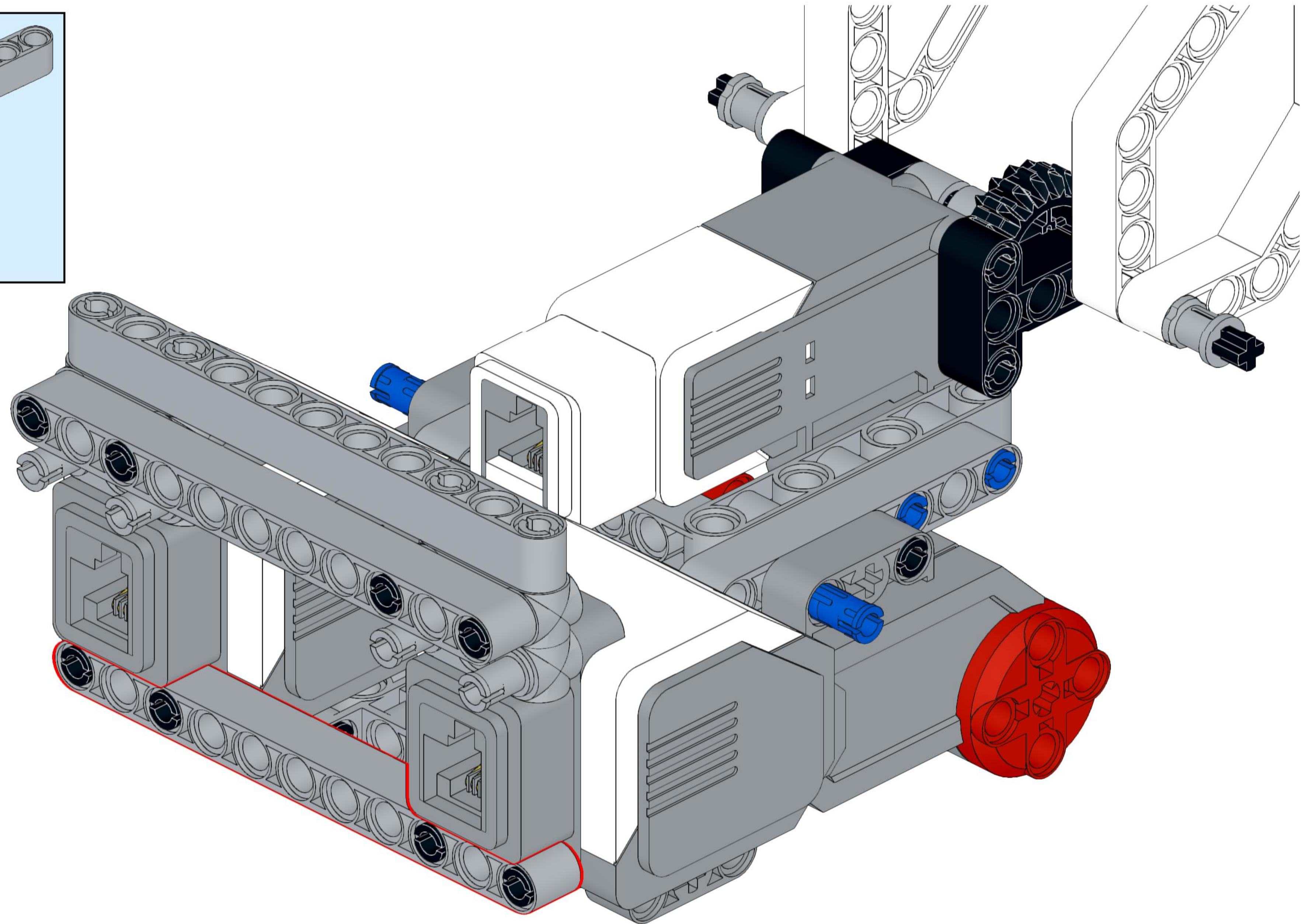
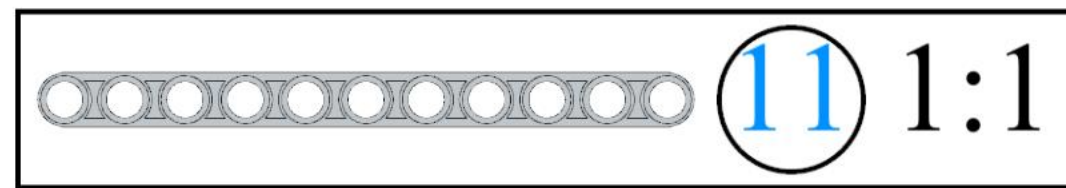
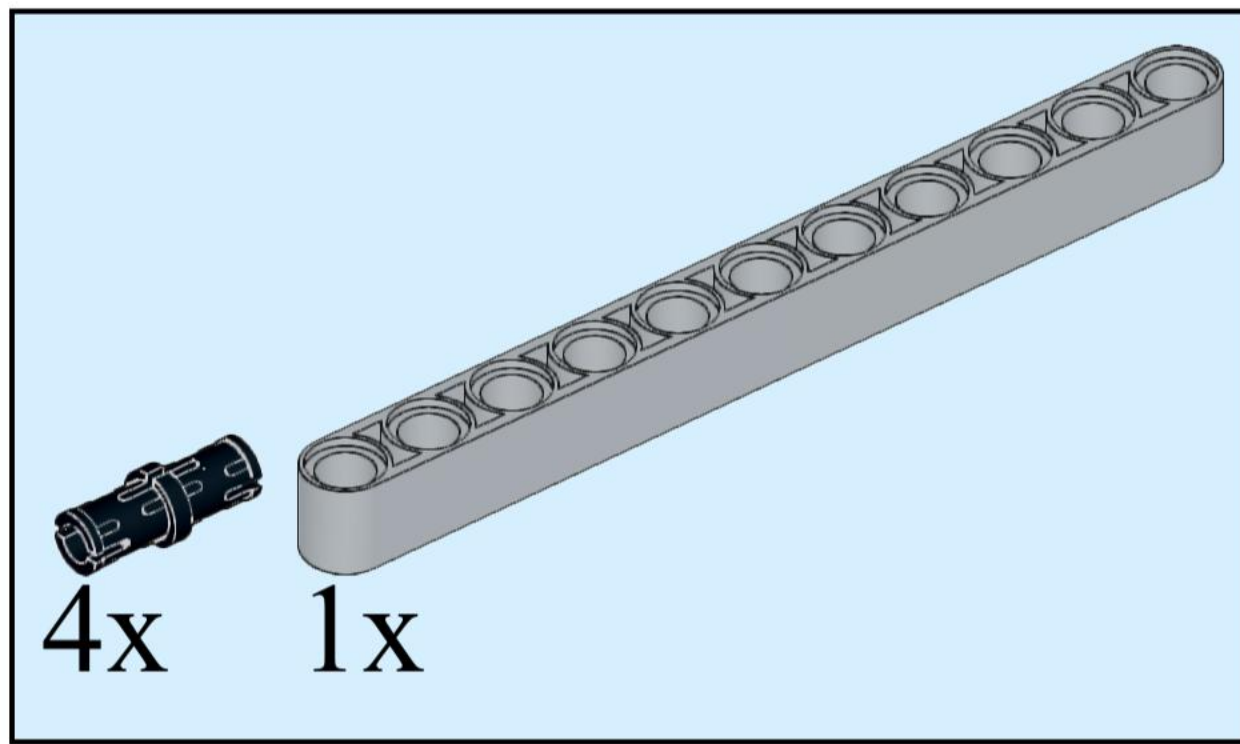


me!

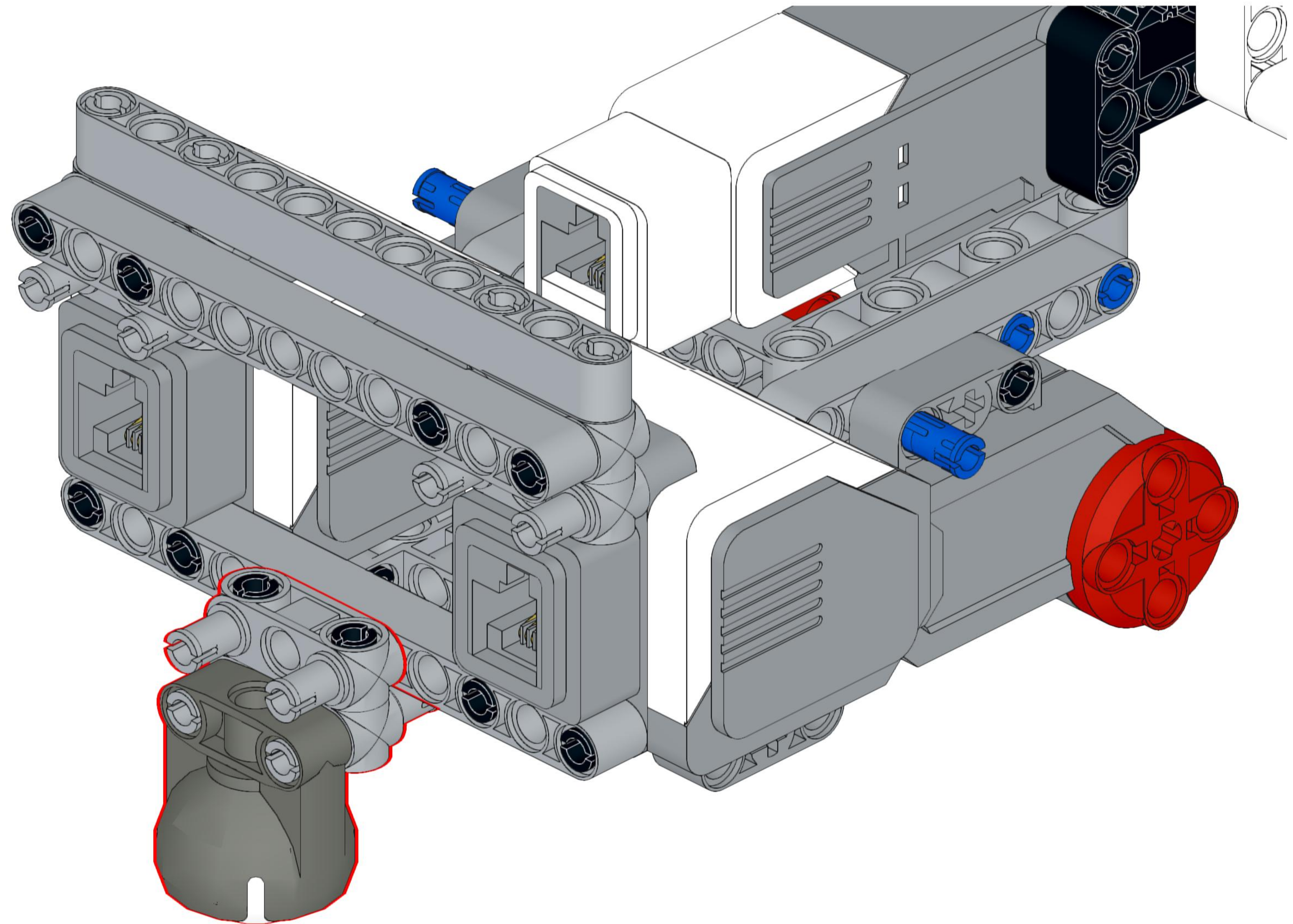
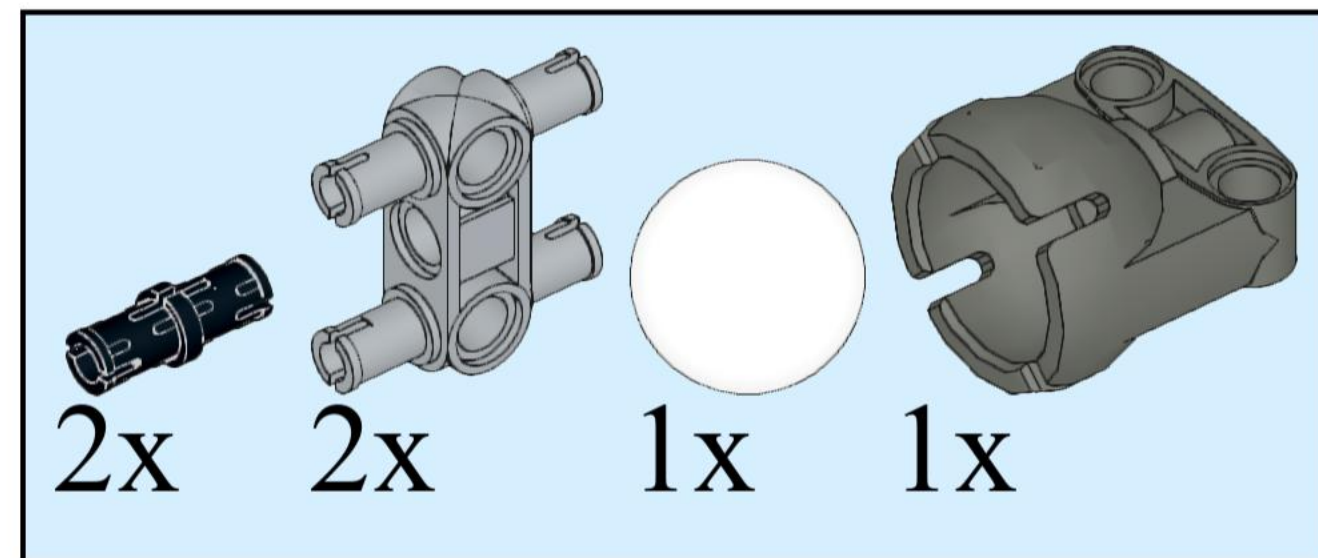
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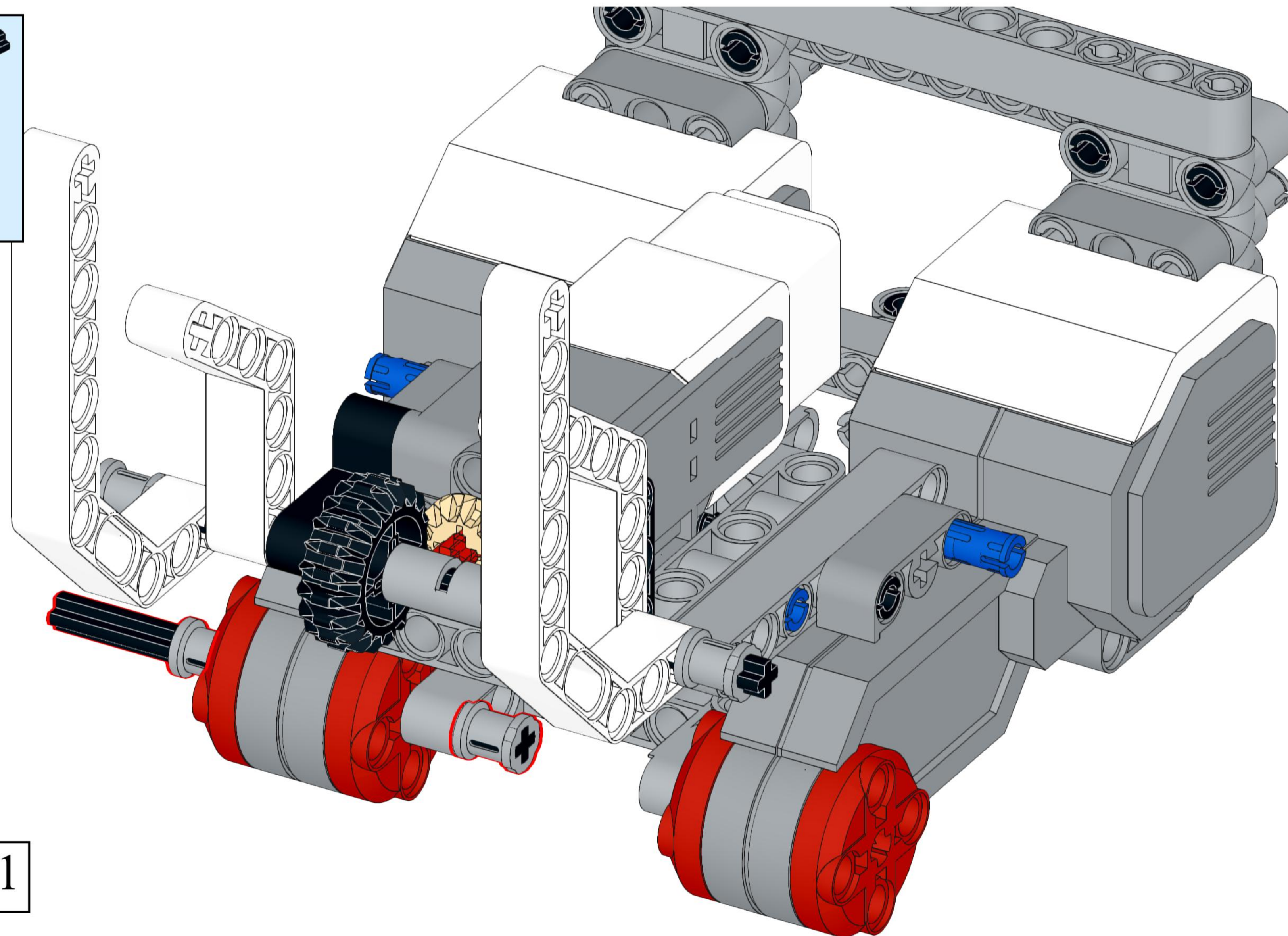
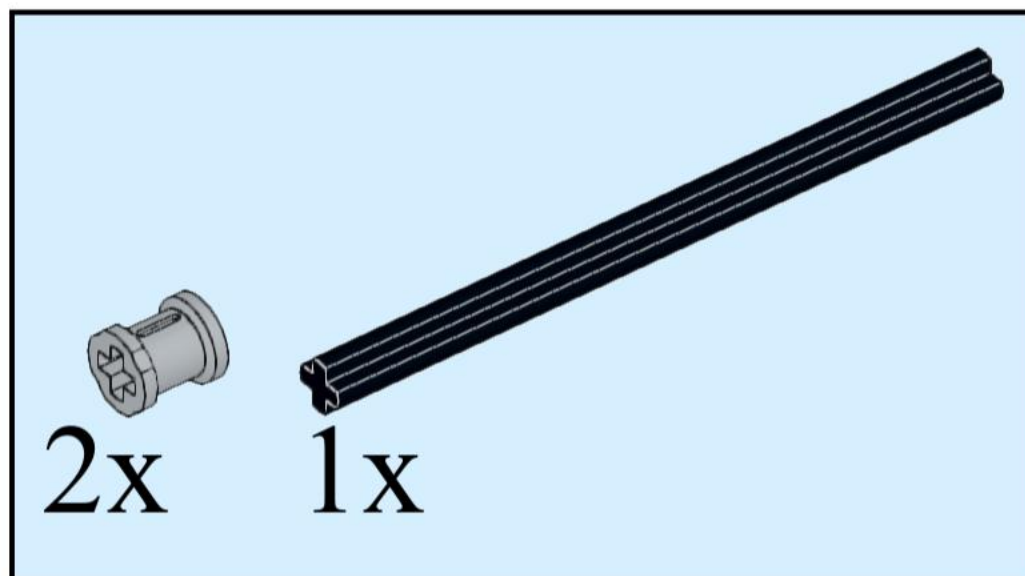
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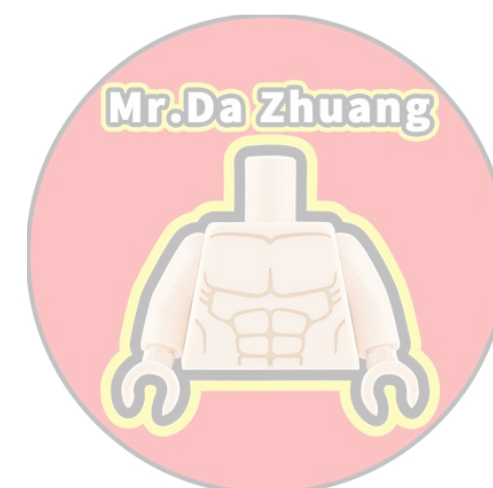
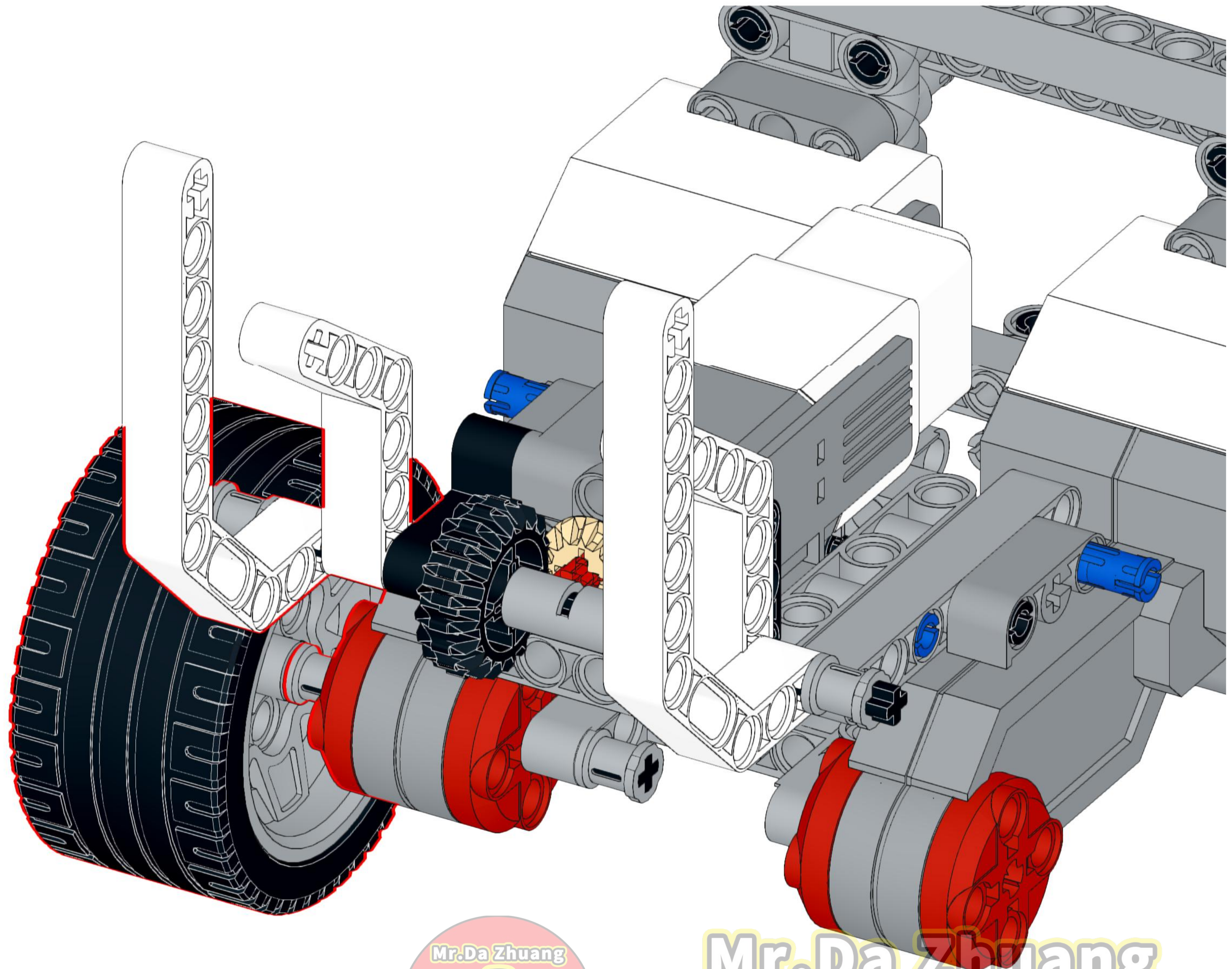
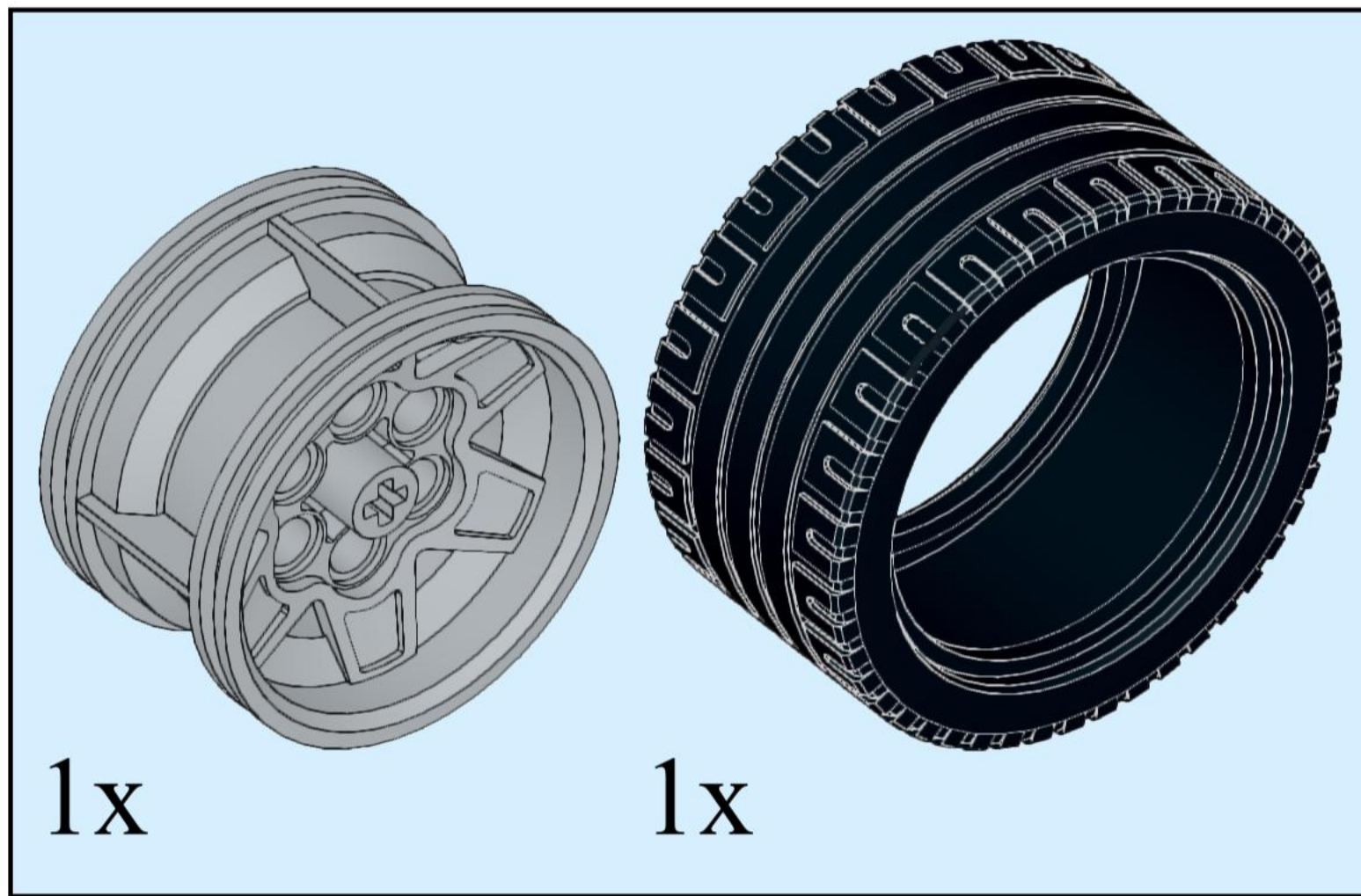
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17

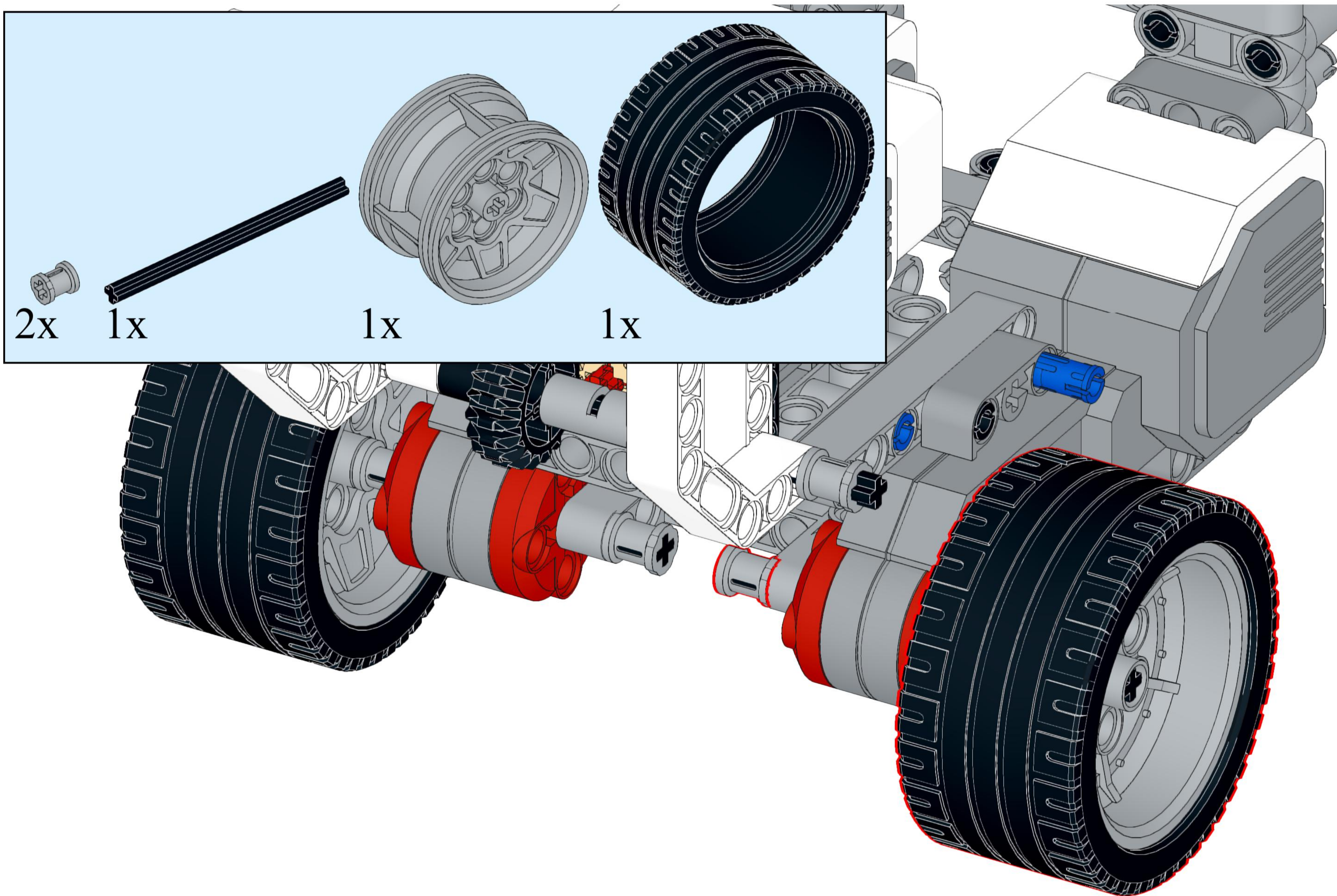


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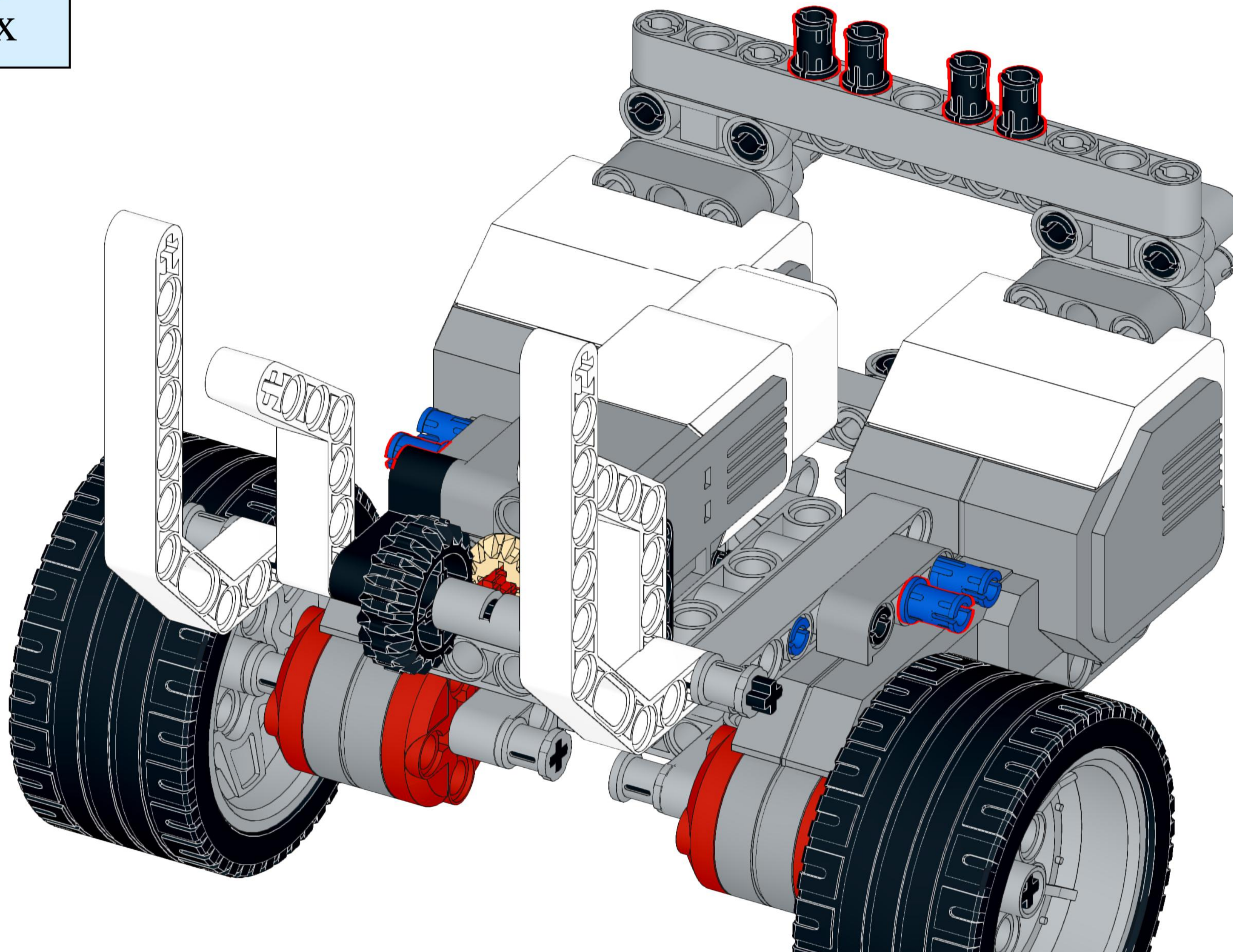
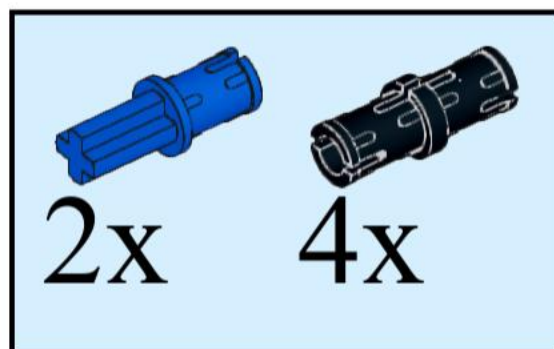


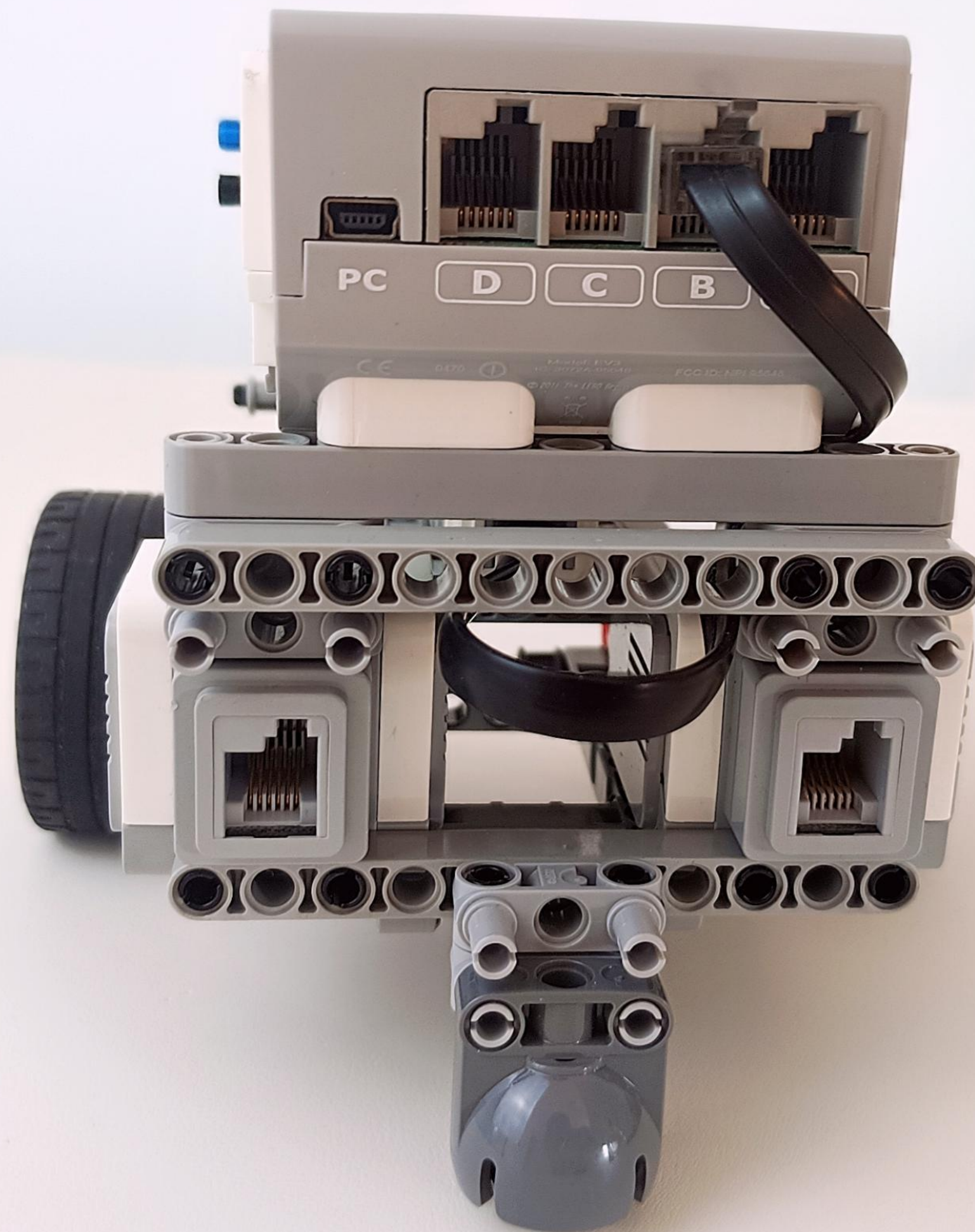
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19



20

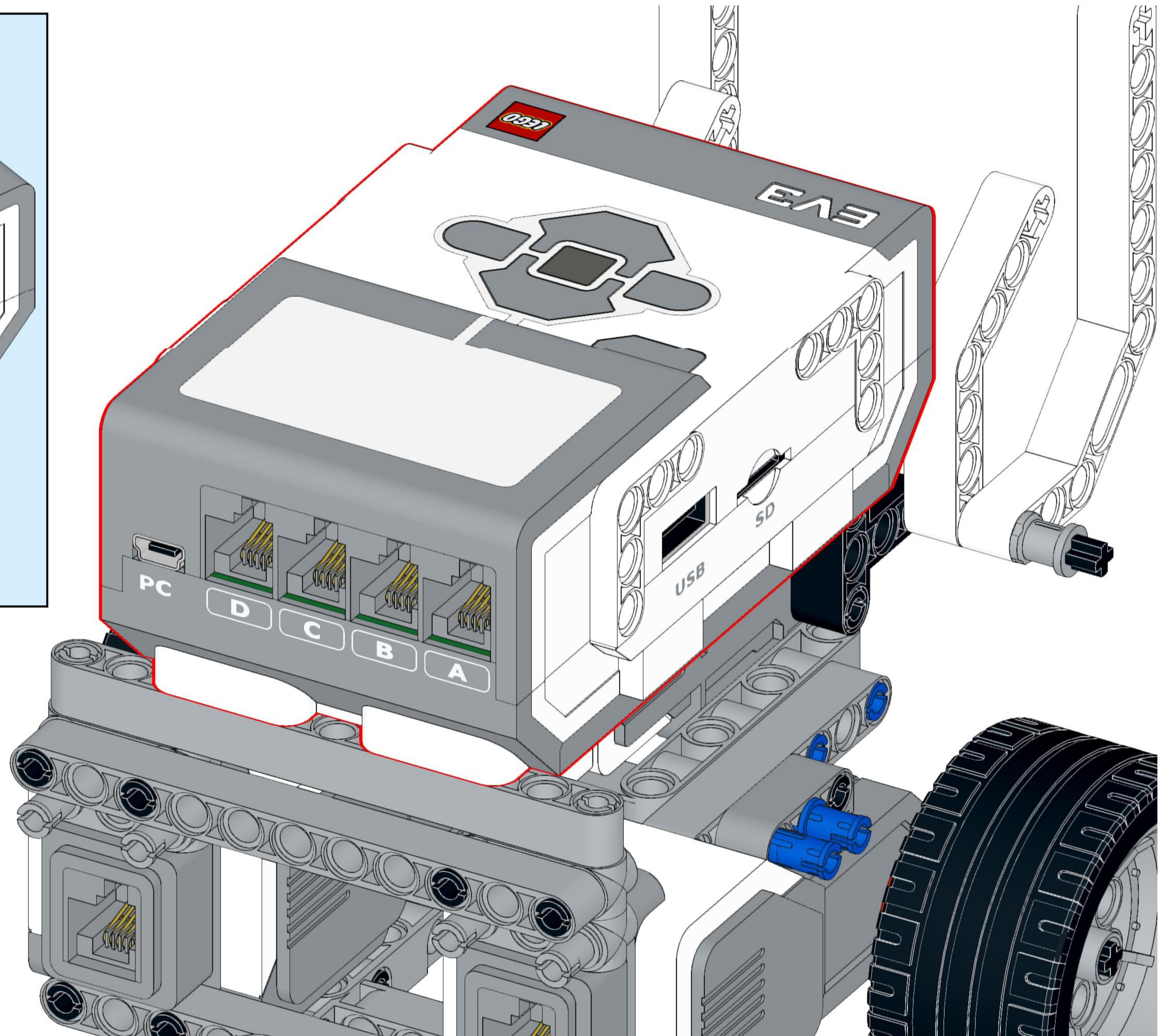
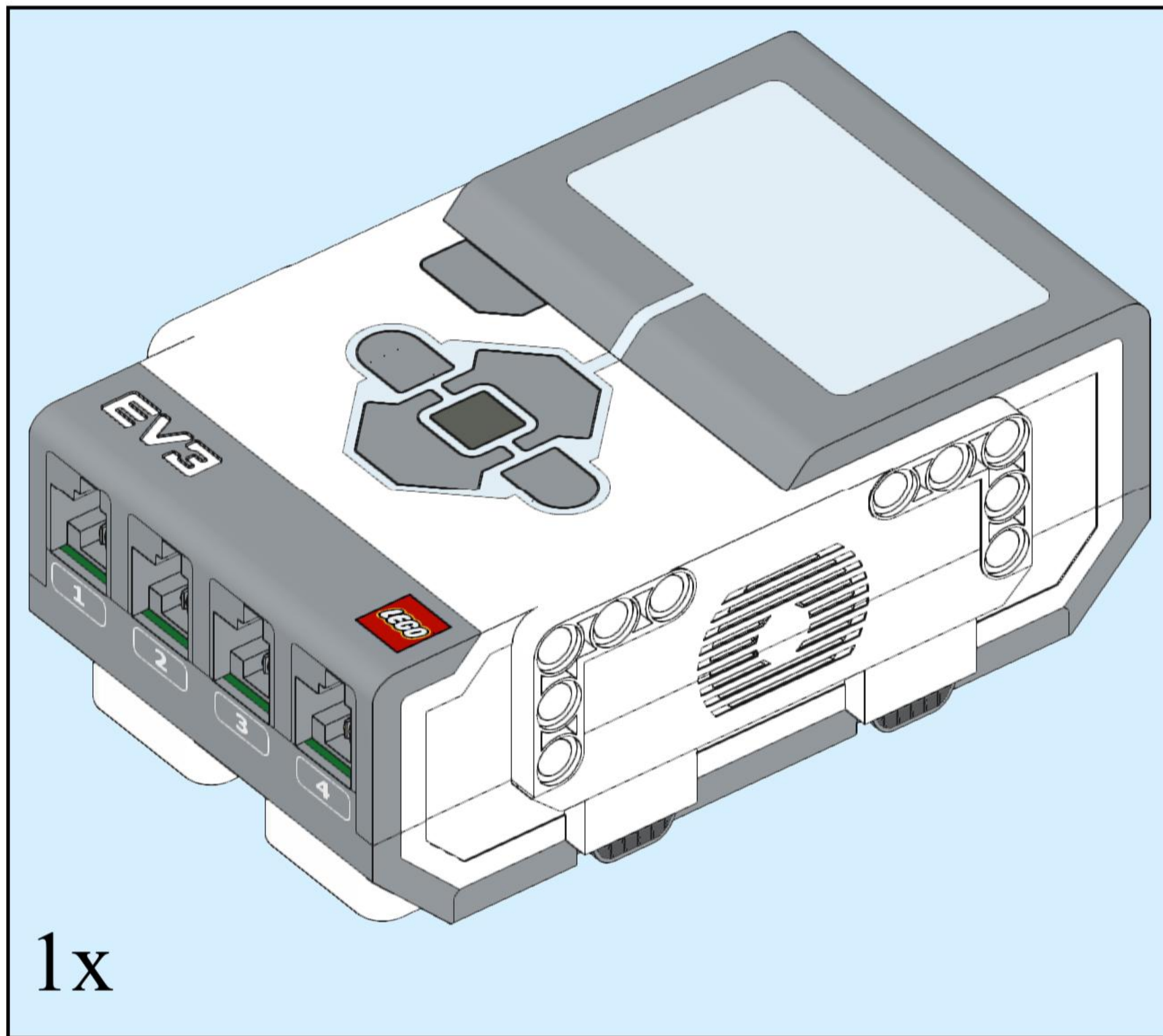




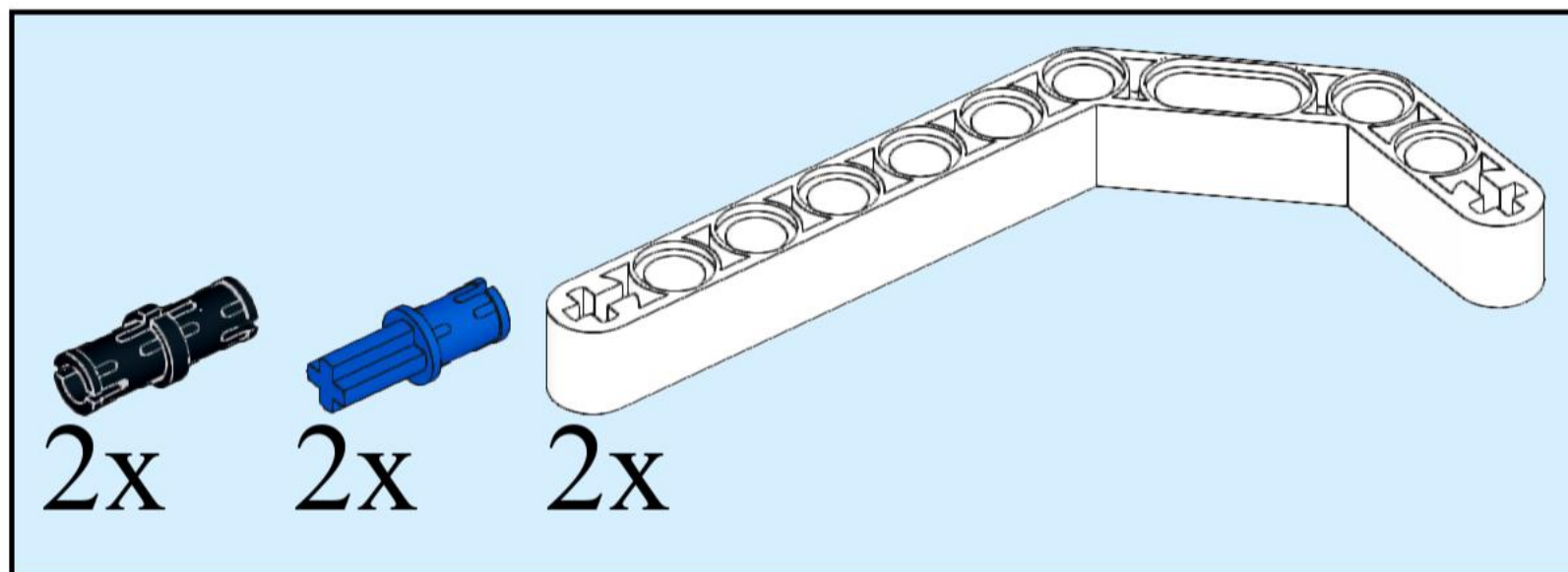
Connect the medium
motor data cable

连接中型马达数据
线

21

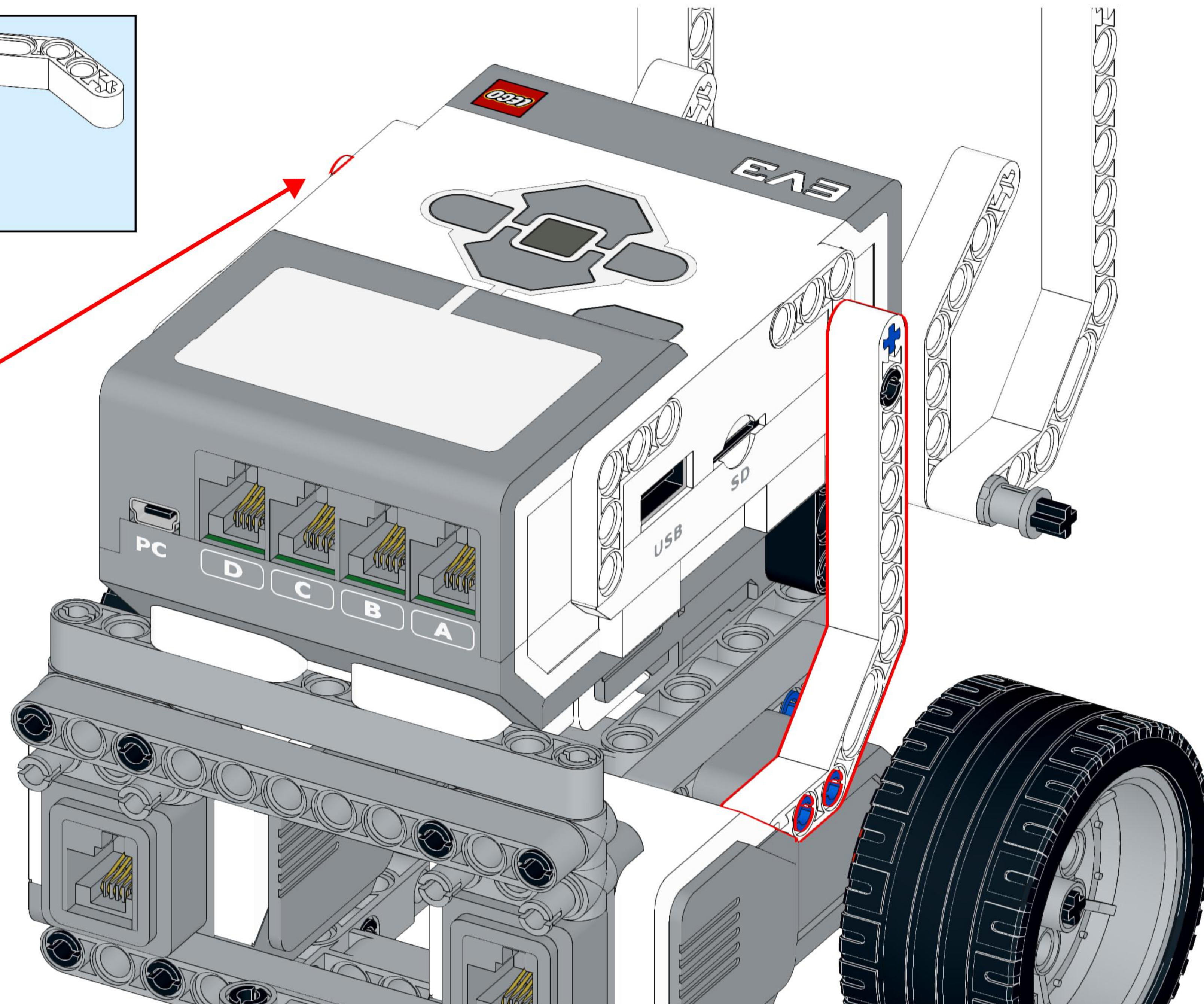


22



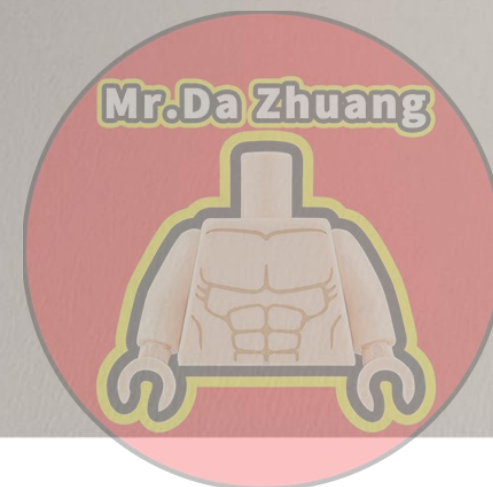
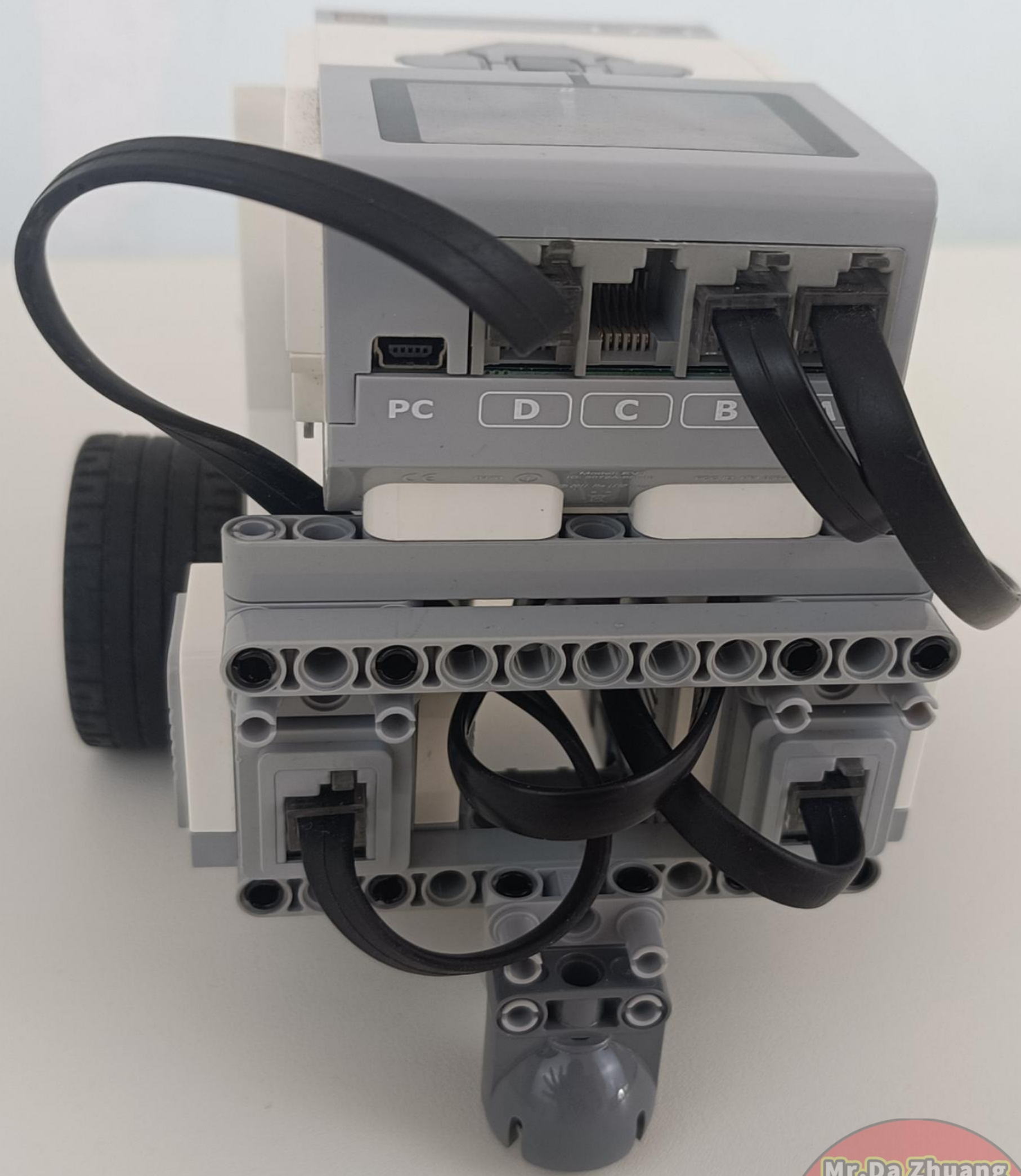
The other side is
exactly the same

另外一边一模一样



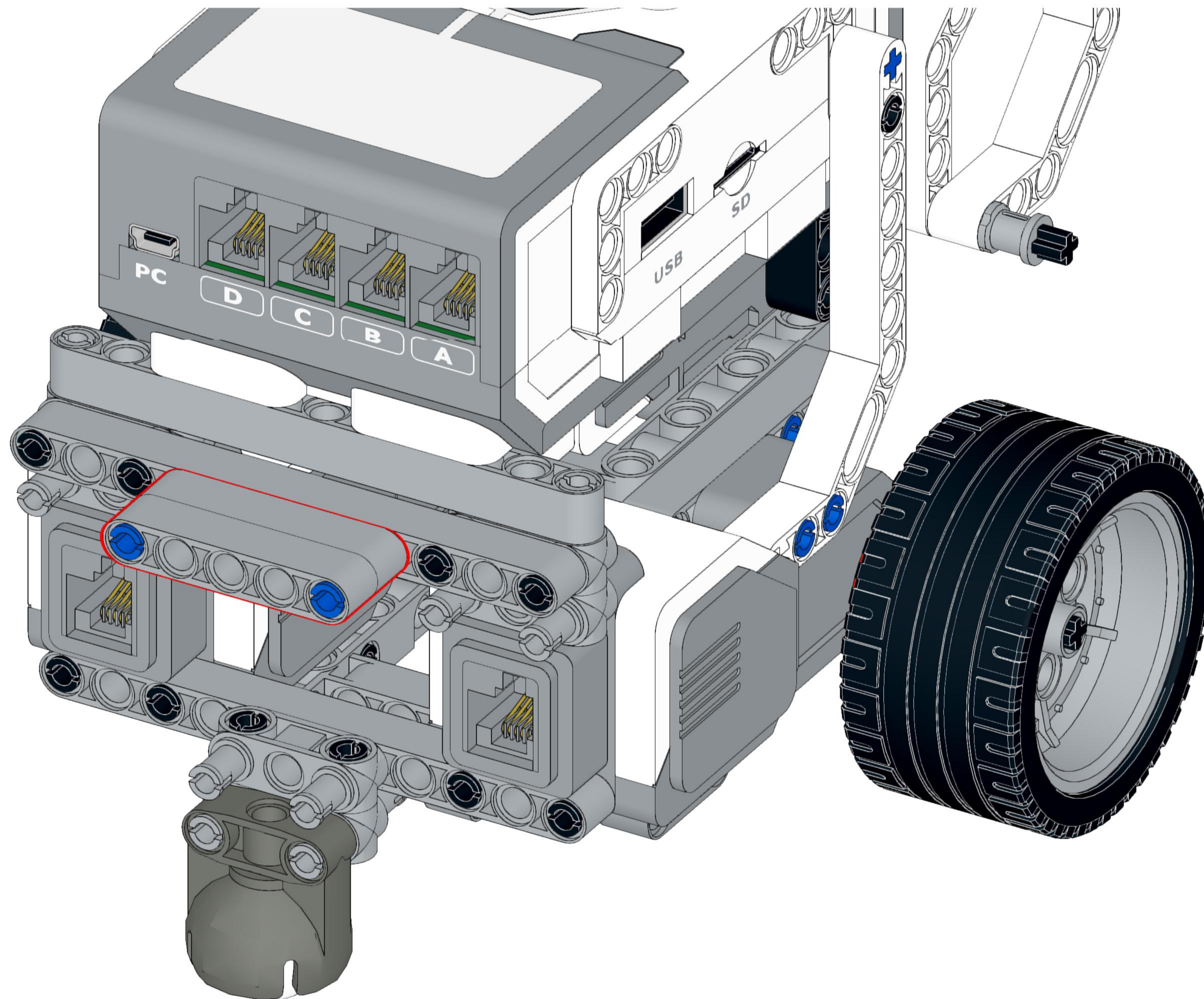
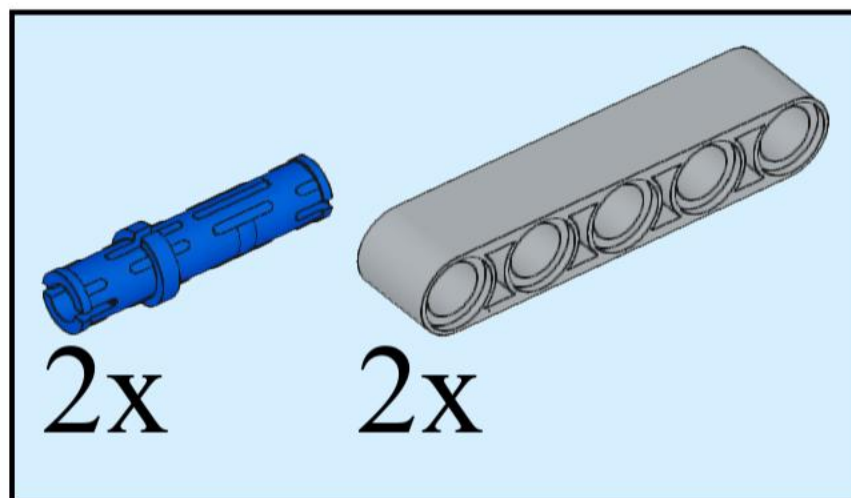
Connect large motor data cable, The wire passes through the gap between the motors

连接大型马达数据线线从，线从马达间的空隙穿过

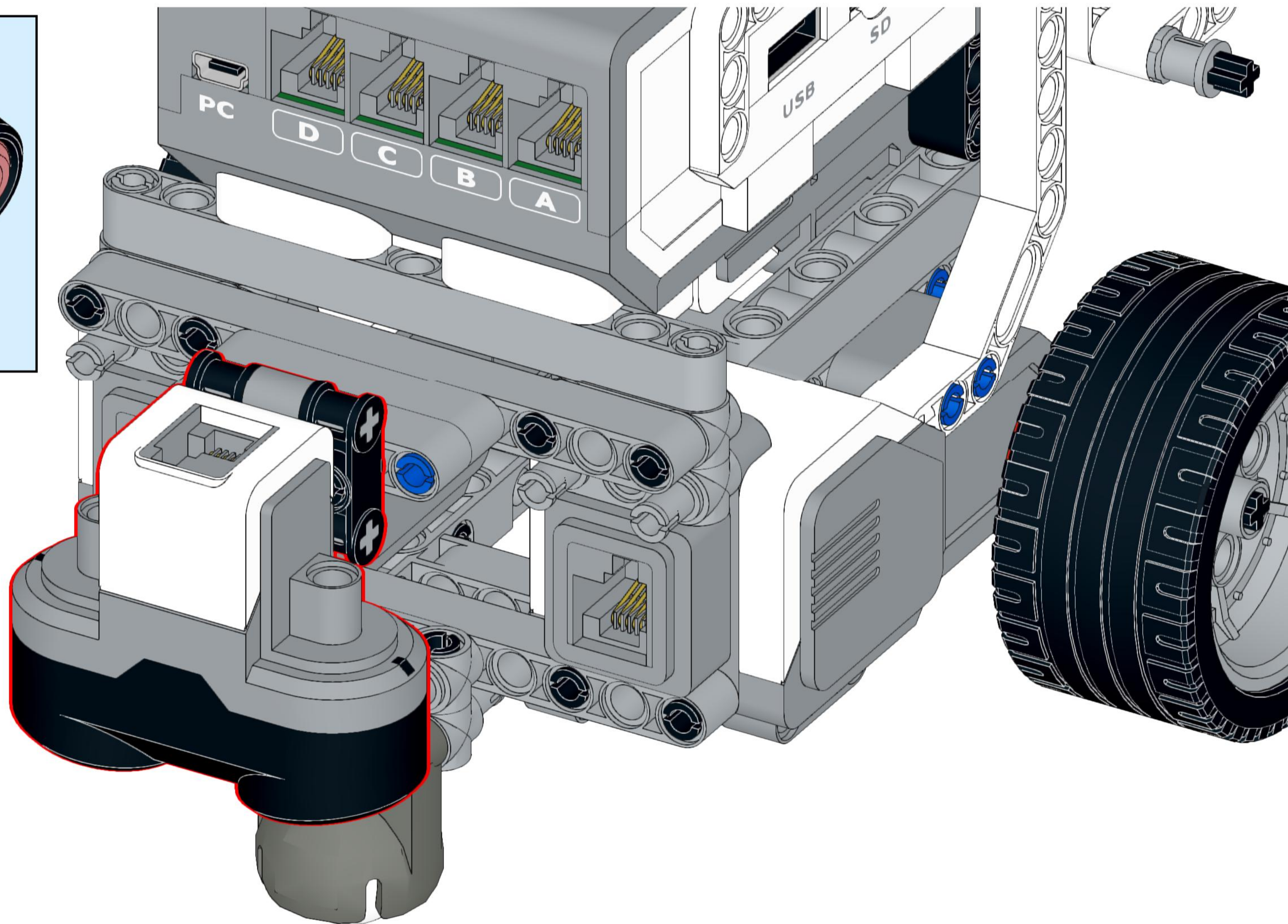
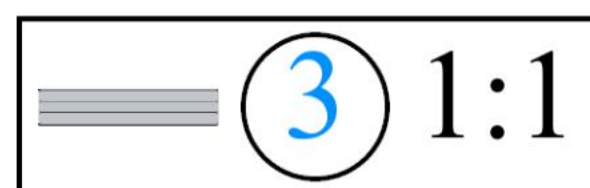
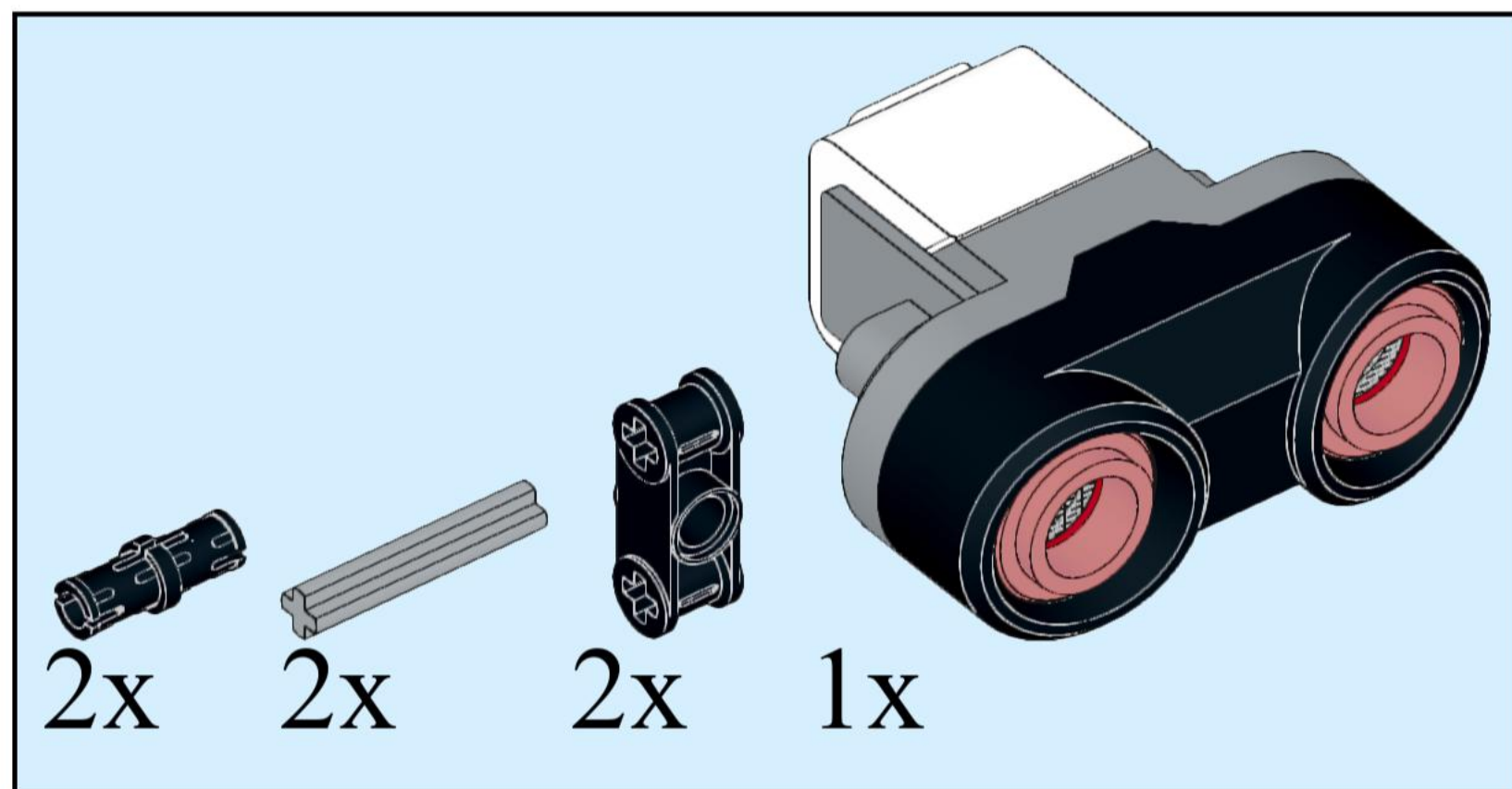


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23



24



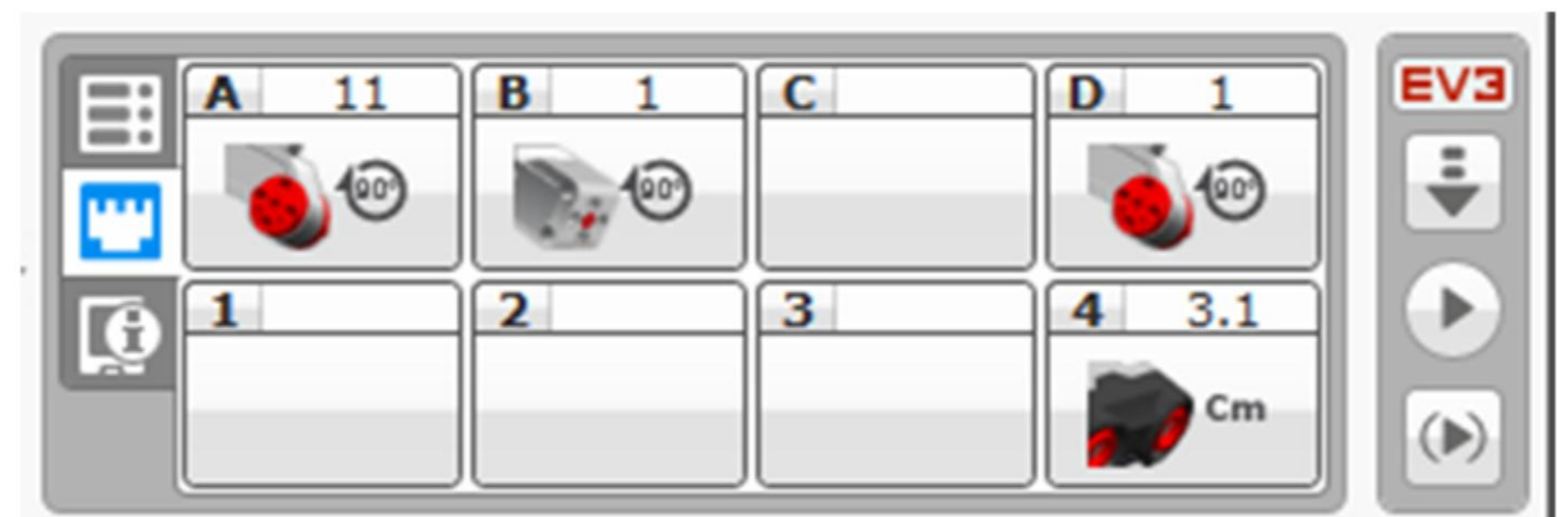
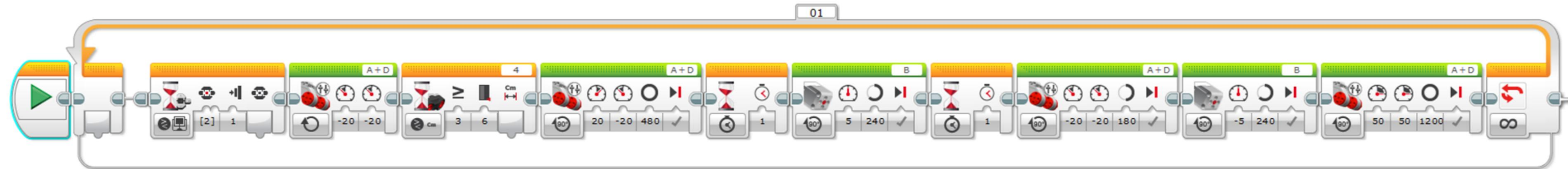
Connect the ultrasonic sensor data cable , the data line should pass through the gap as much as possible

连连连接超声波传感器数据线，数据线从尽量从空隙穿过

Prepare another 25cm x 25cm board

再准备一块25cm x 25cm大小的板子







4



3.6 cm

A



1102°

B



0°

D



335°



when program starts

forever



wait until center button is pressed



set movement motors to A and D



start moving at -20 -20 % speed



4 wait until distance is greater than (>) 6 cm



move for 380 degrees at 20 -20 % speed

wait 1 seconds



B run for 240 degrees at 5 % speed

wait 1 seconds



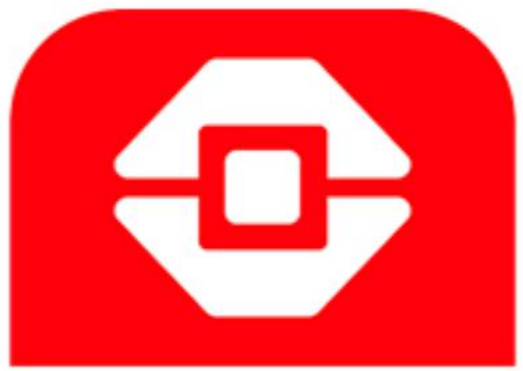
move for 180 degrees at -20 -20 % speed



B run for 240 degrees at -5 % speed



move for 1200 degrees at 50 50 % speed



LEGO education



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