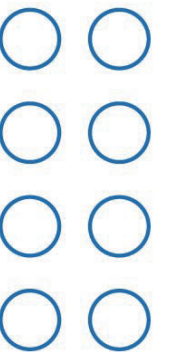
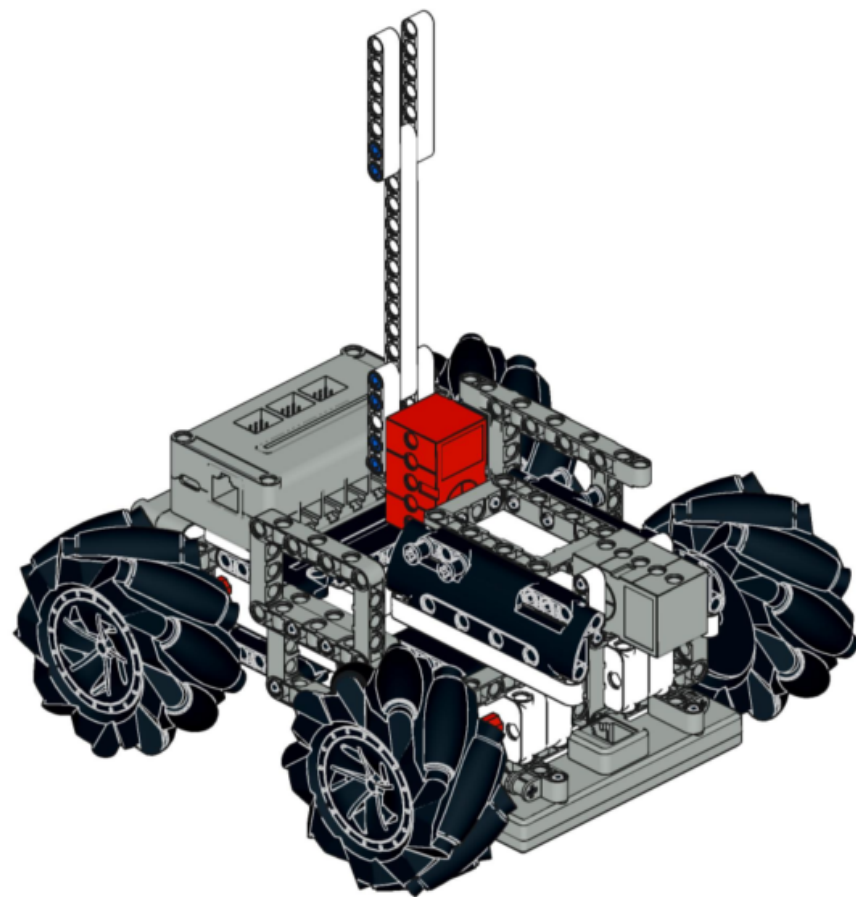
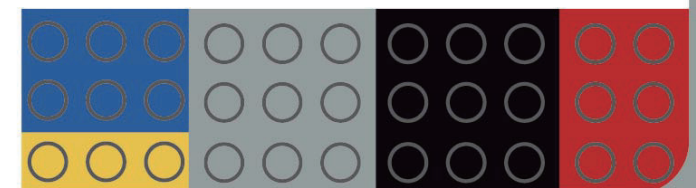
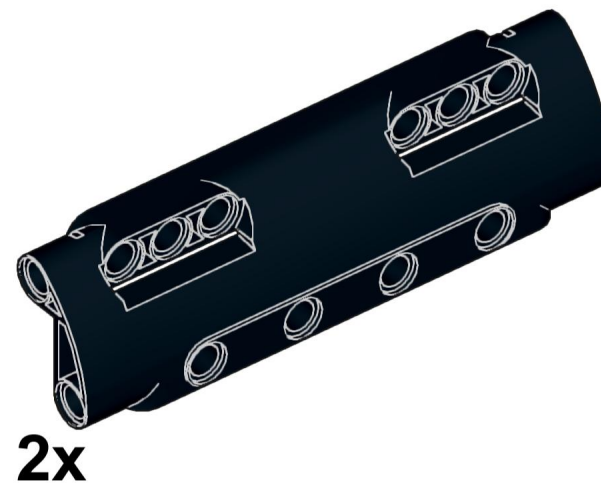
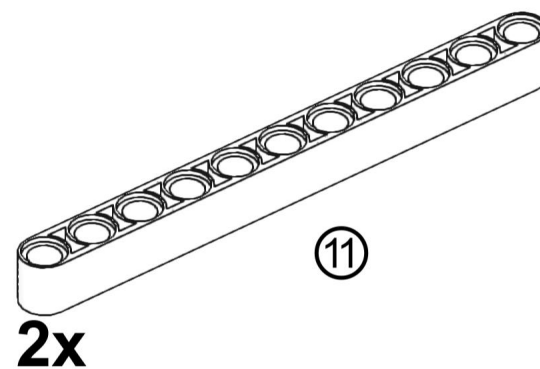
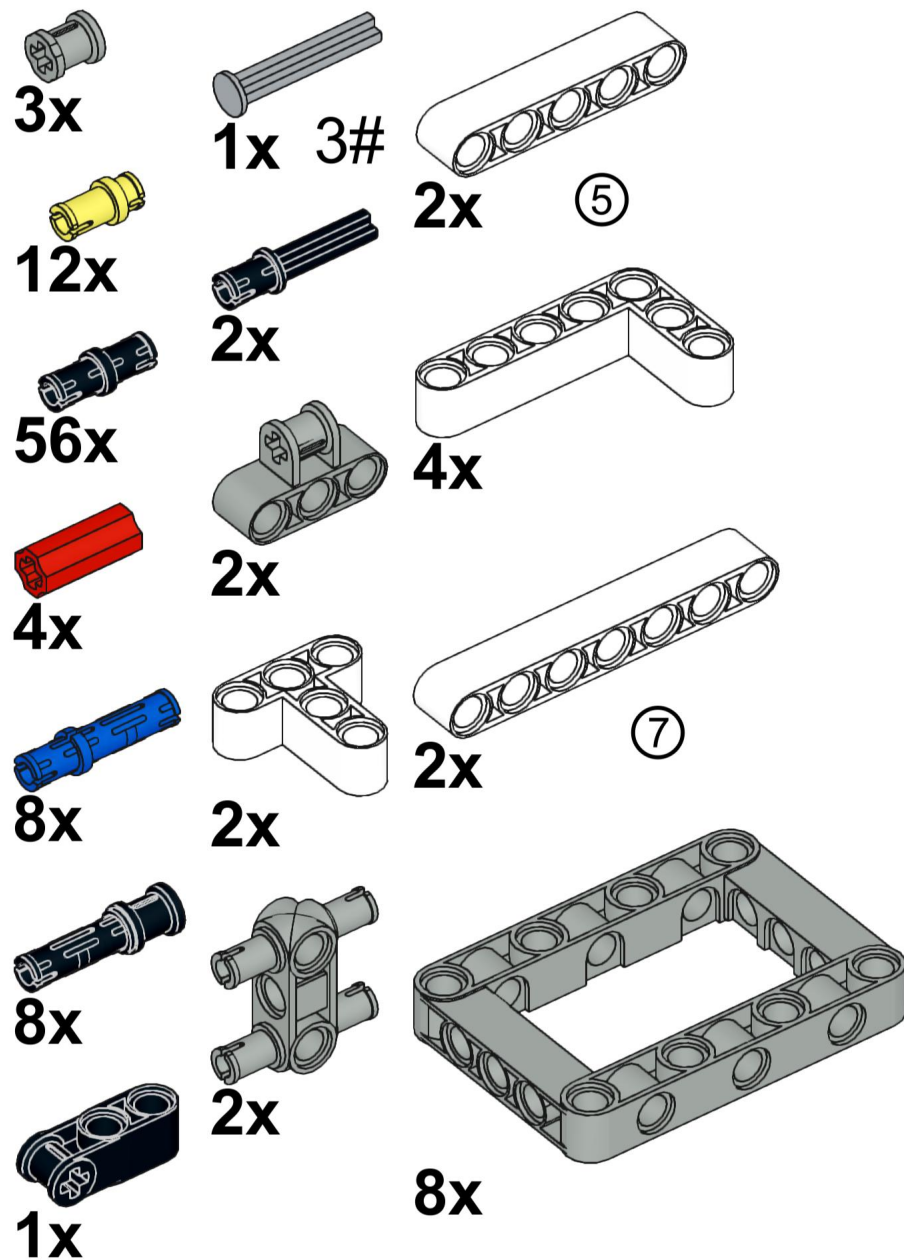


AISTEAM 101S Robot Car



Building Guide

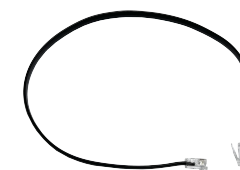




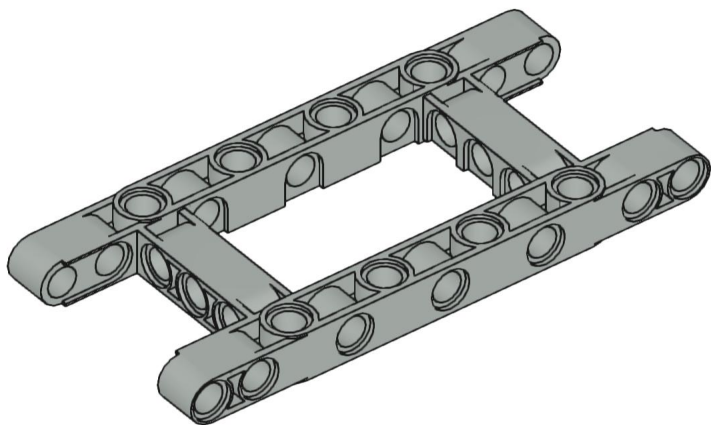
Motor expansion
module cable x1



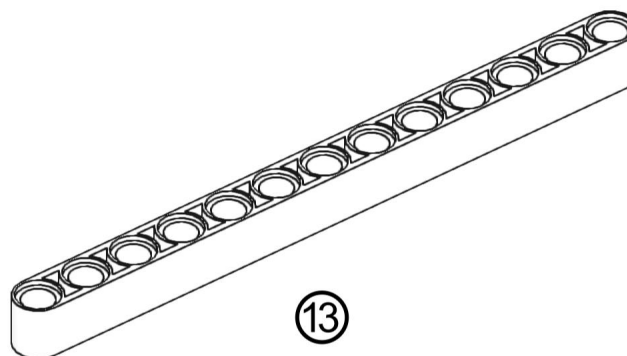
Encoder motor
cable x4



Sensor cable x1

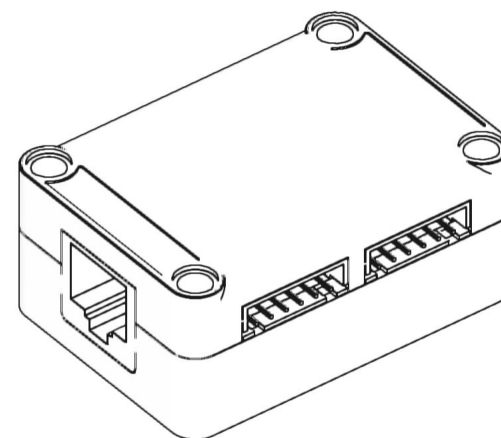


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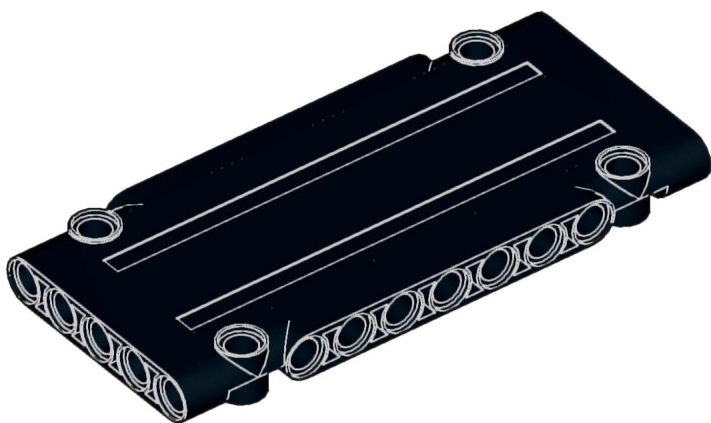


⑬

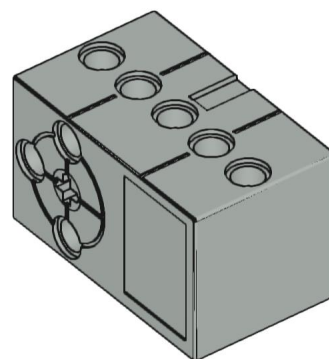
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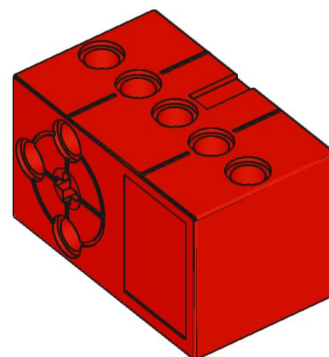
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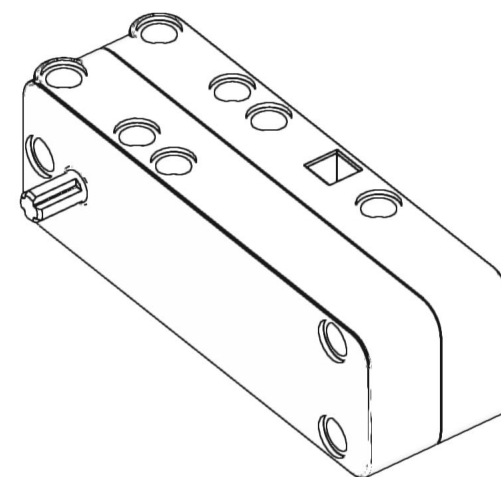
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1x

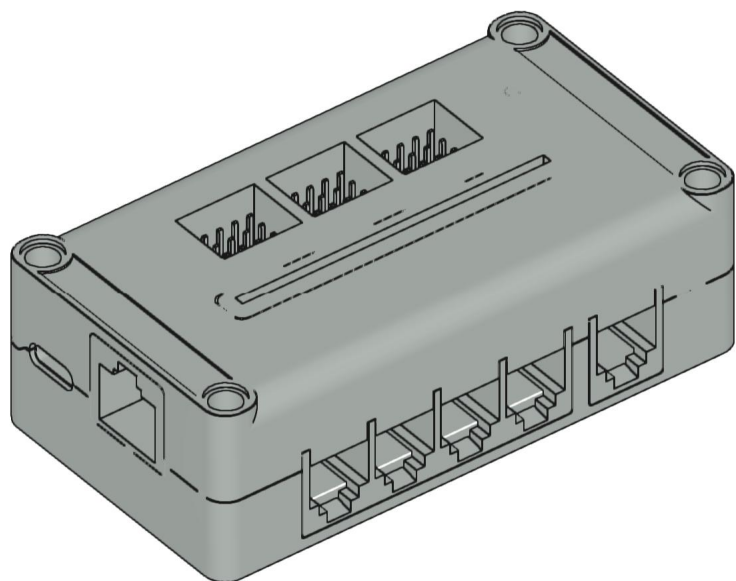


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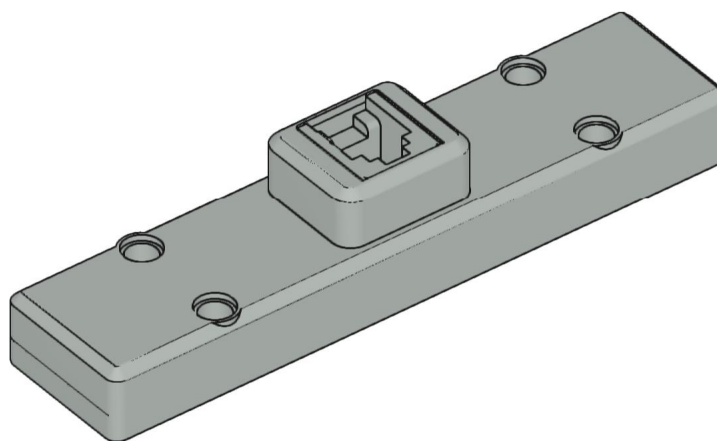


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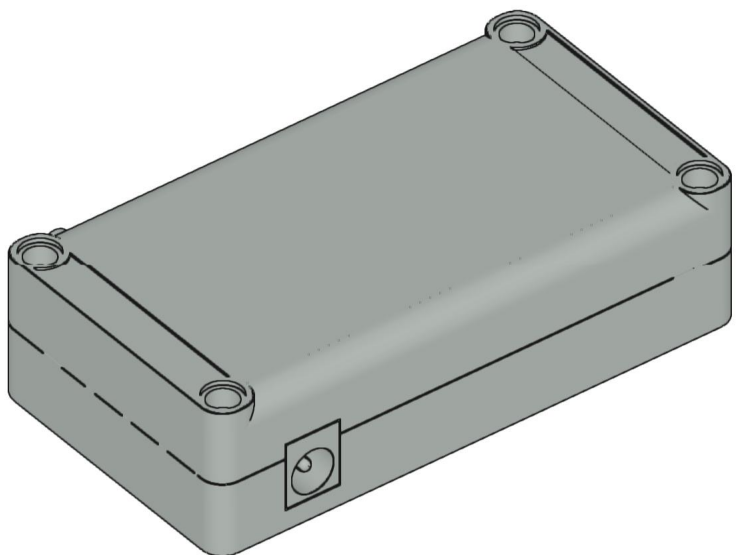
**Encoder motor
(6 pins)**



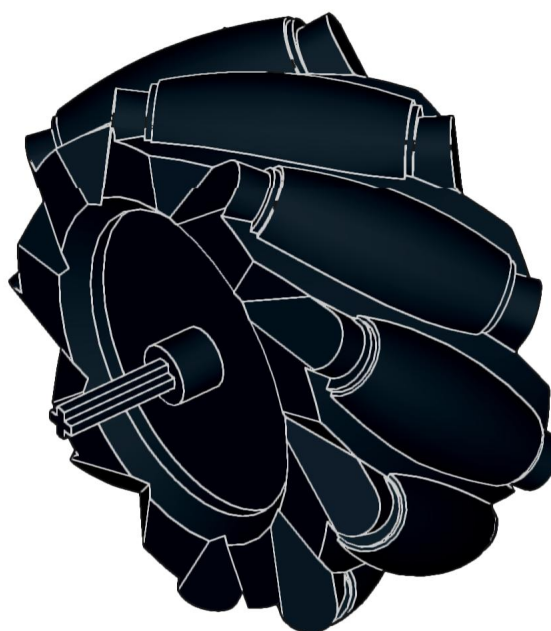
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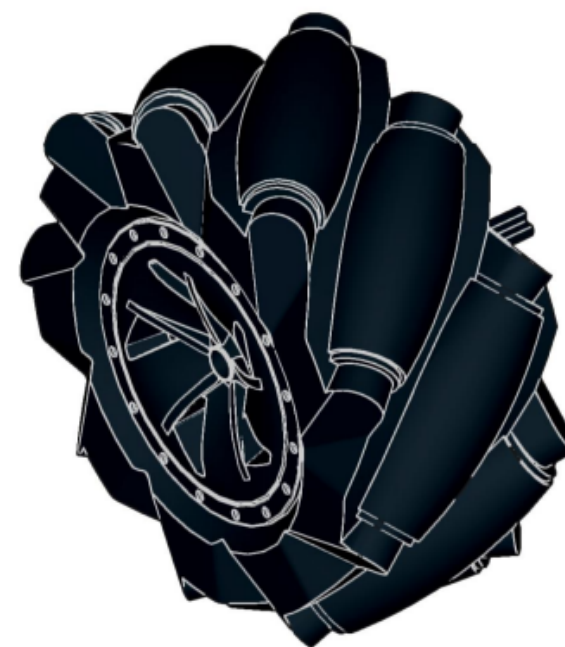
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1x

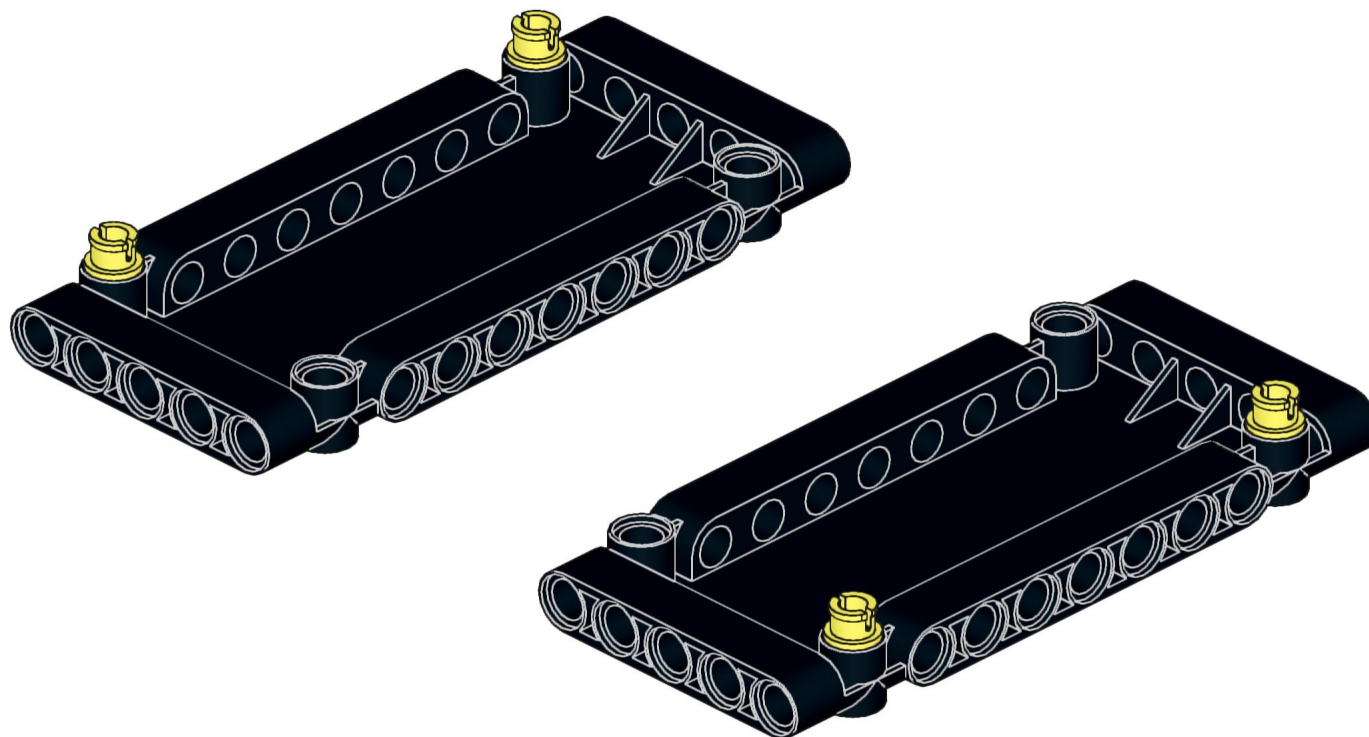
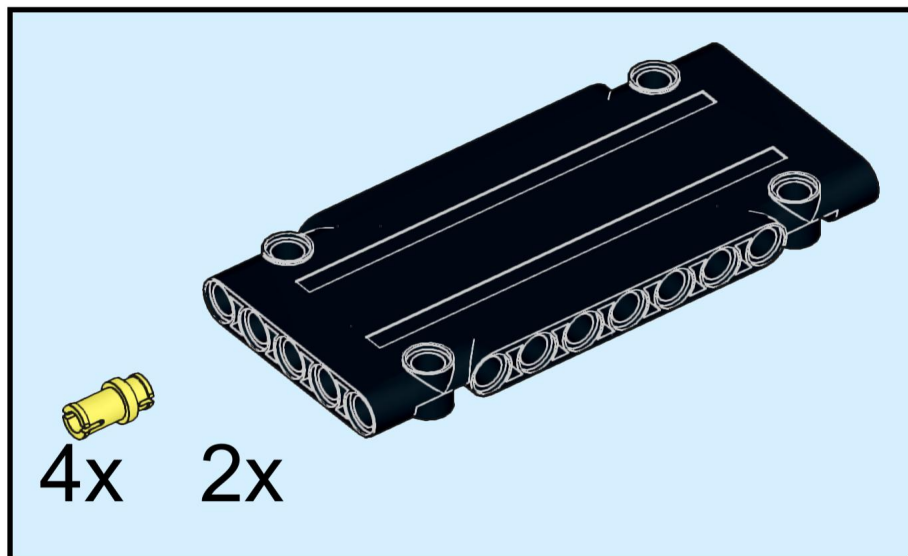


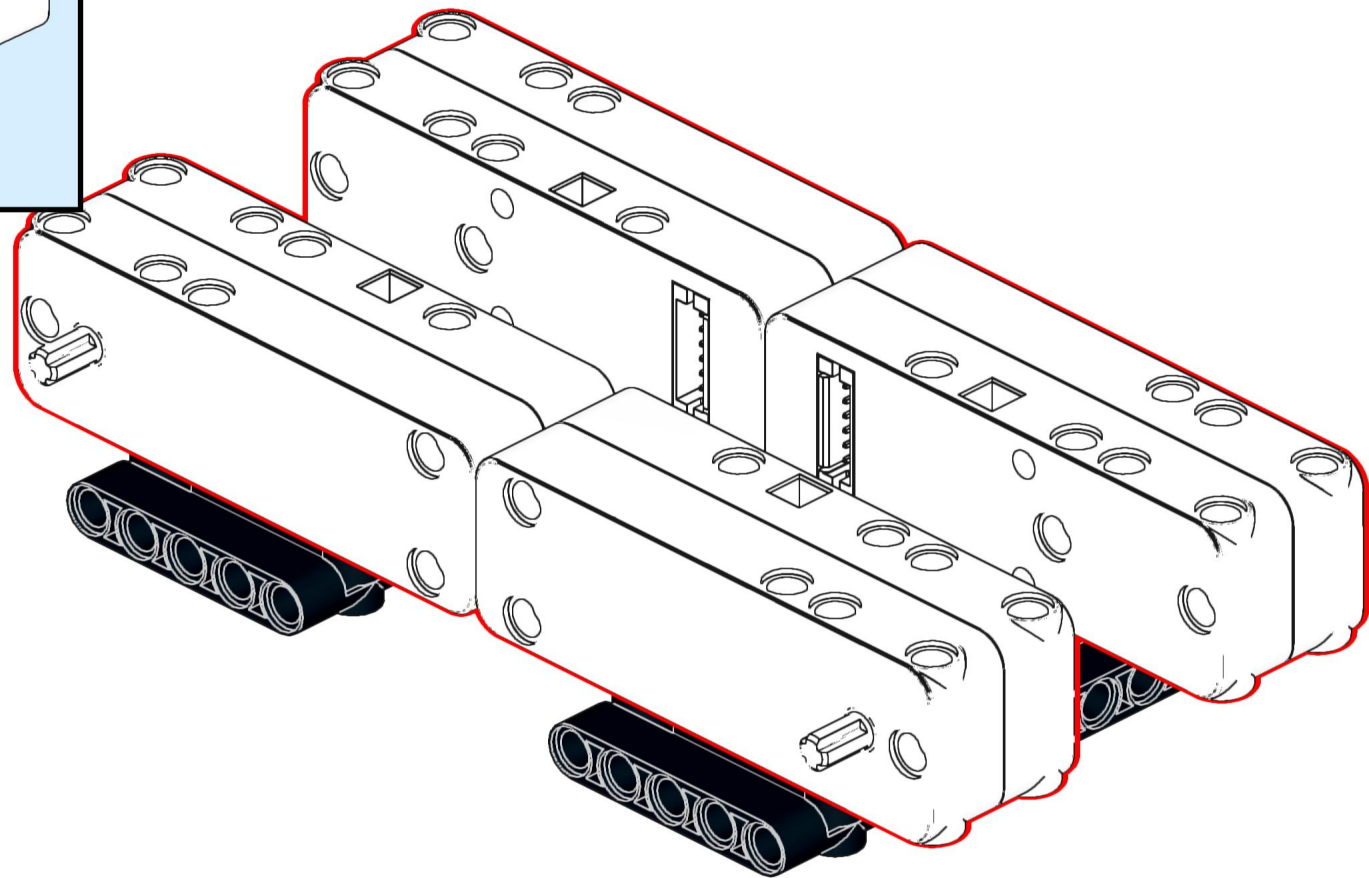
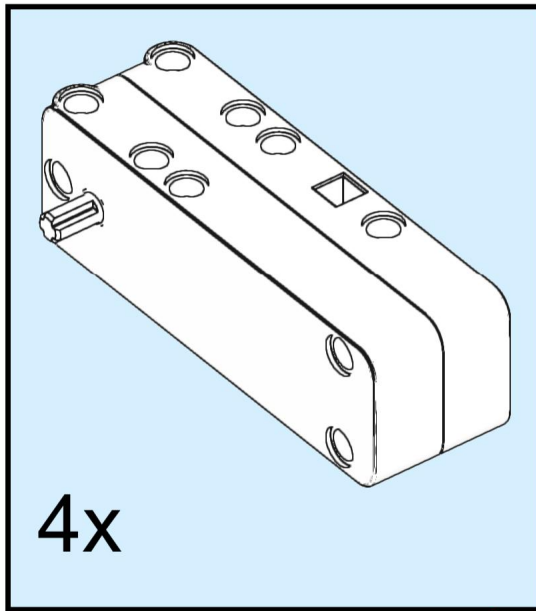
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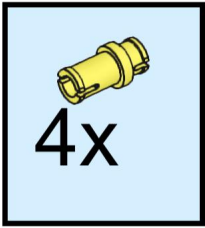


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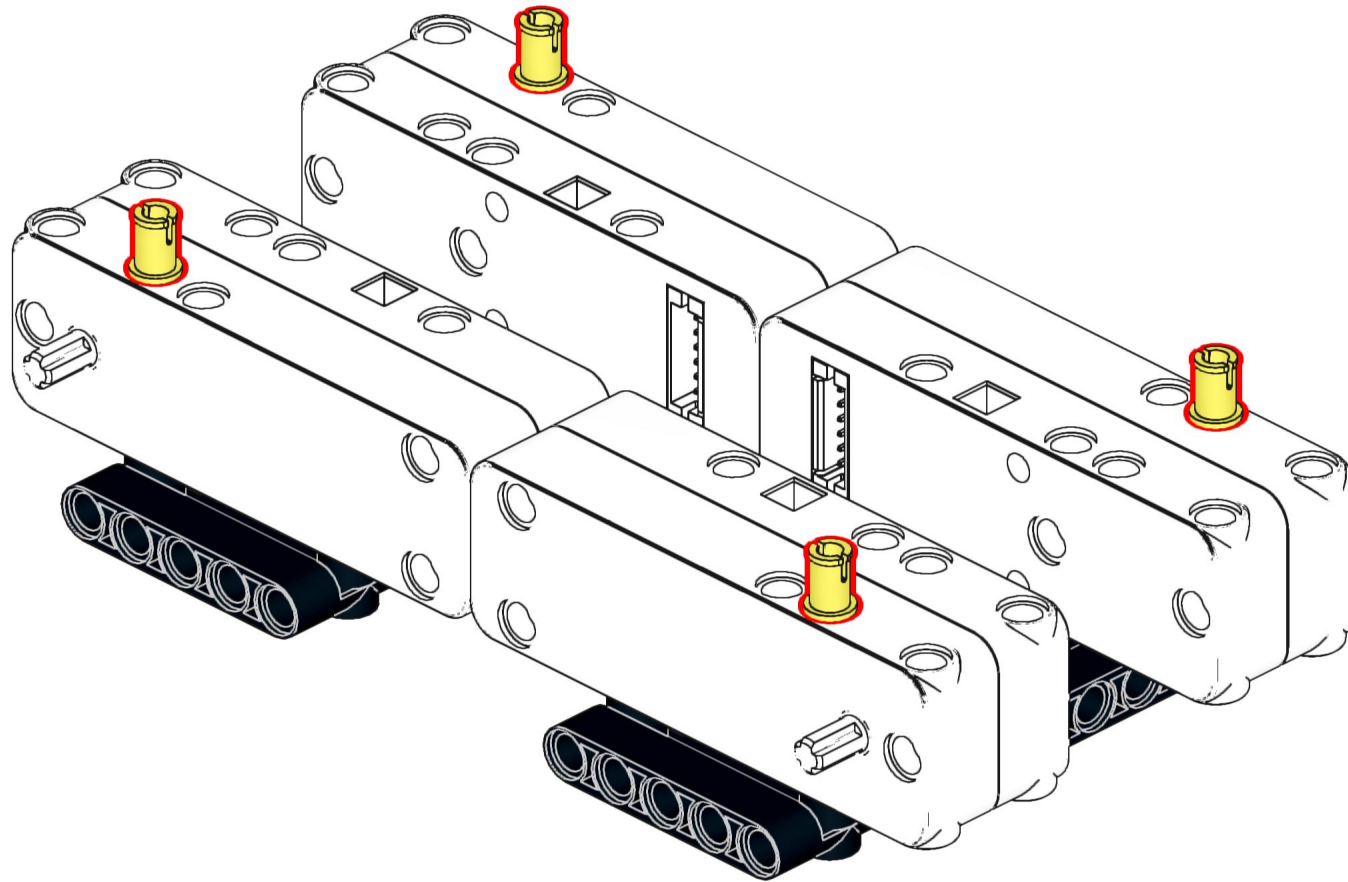
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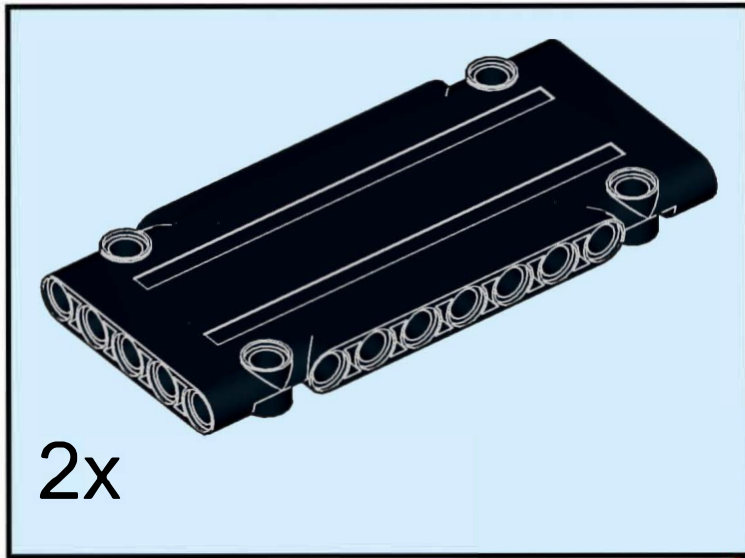




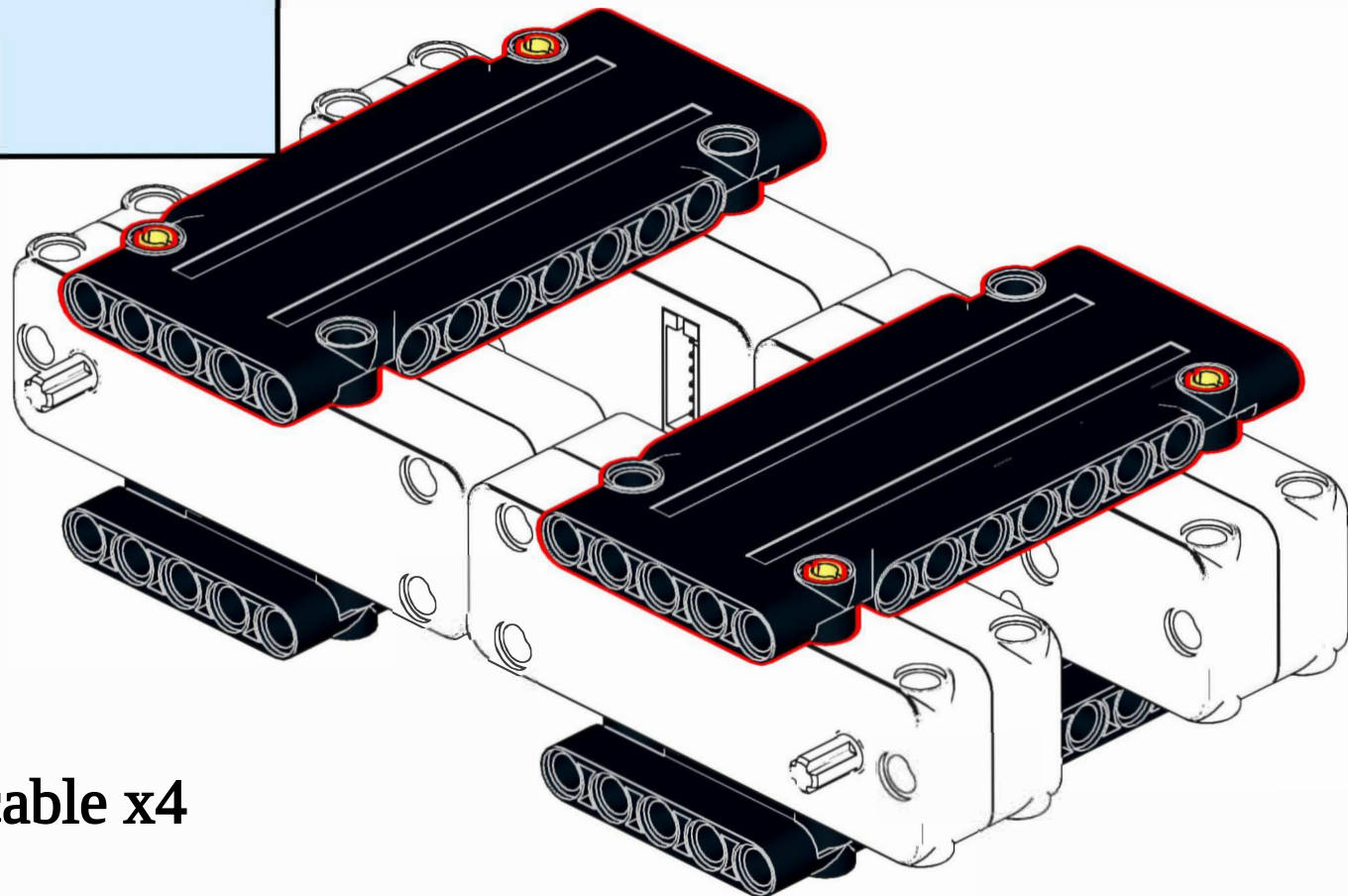


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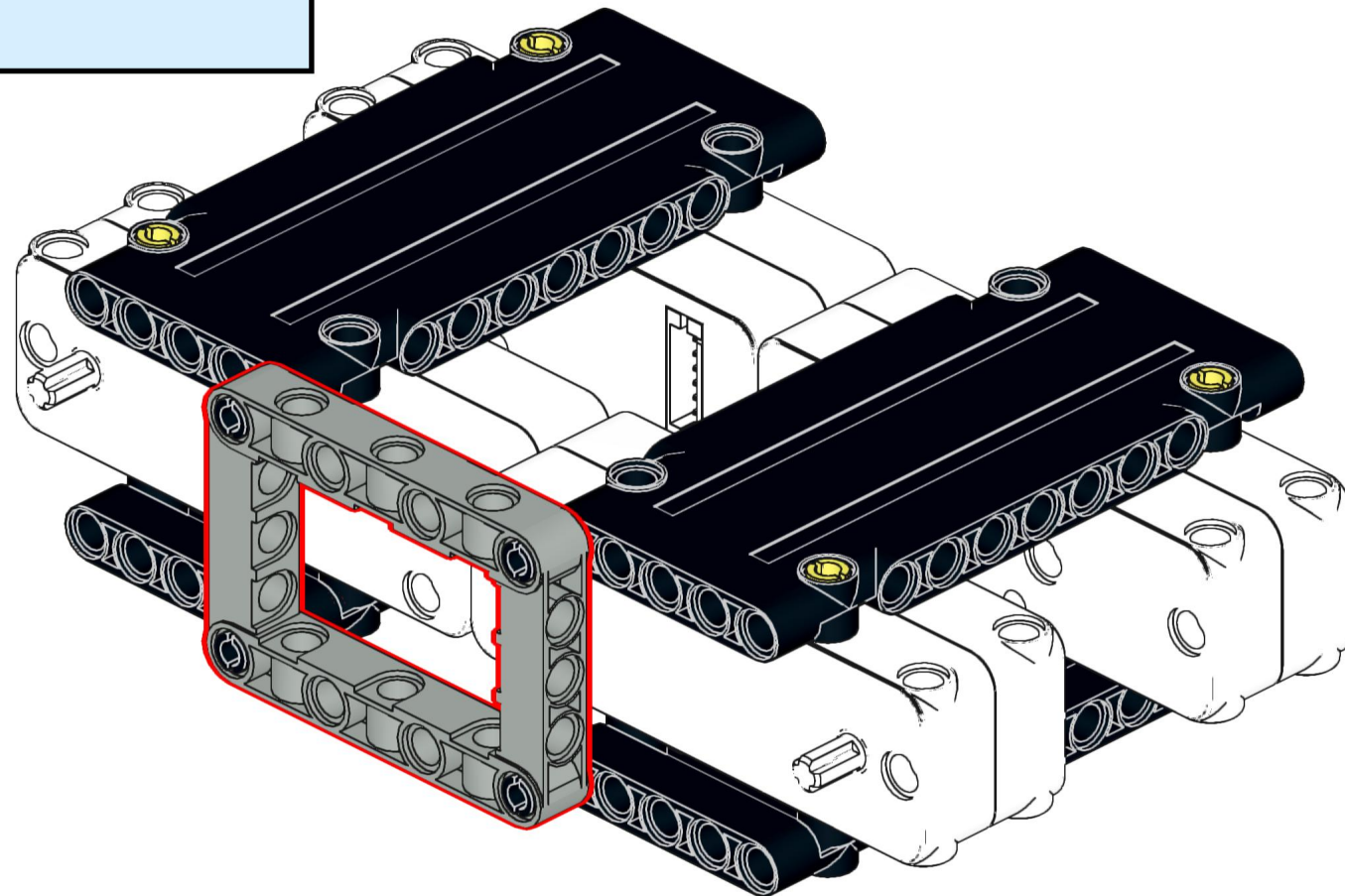
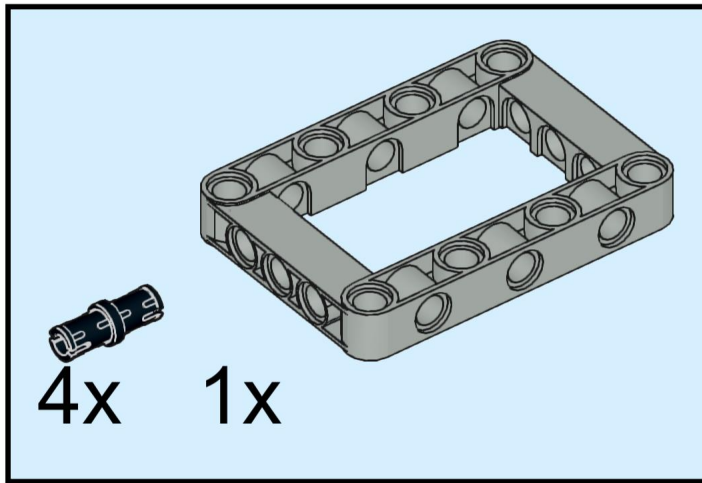


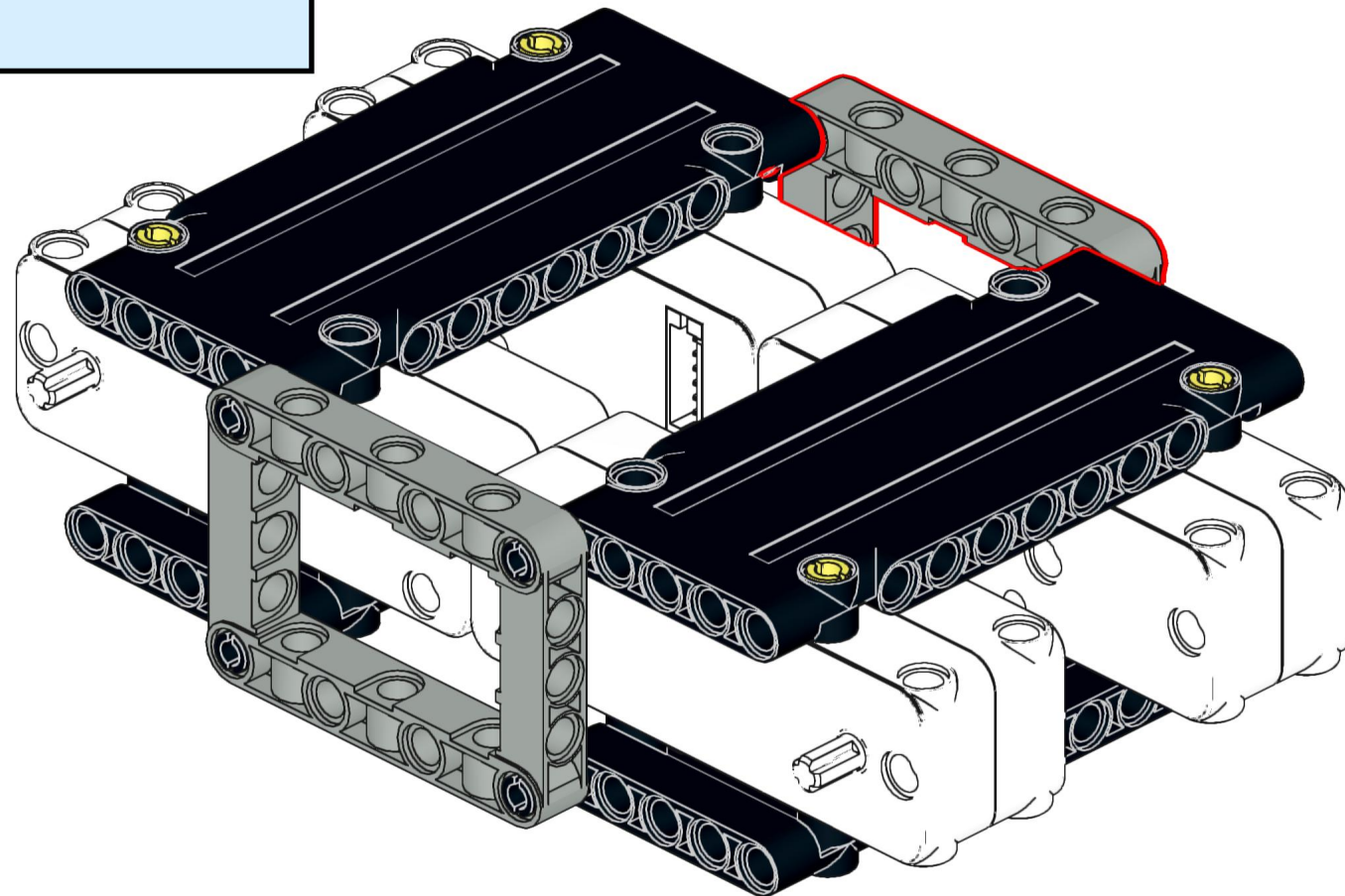
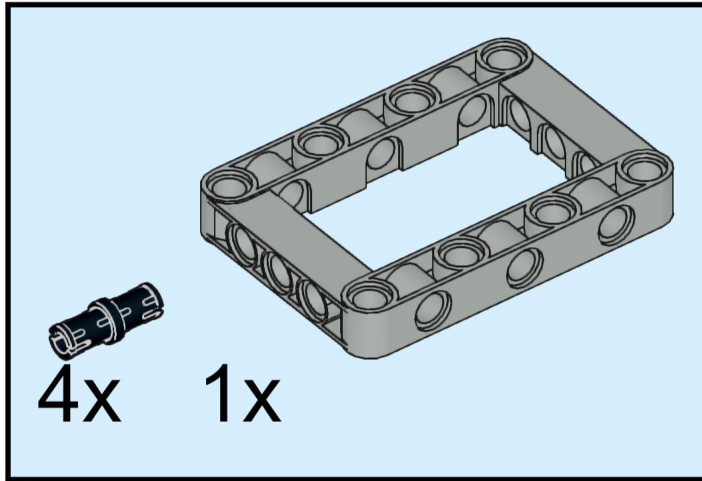


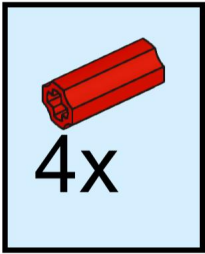
Connect 4 encoder motors' cables
in advance



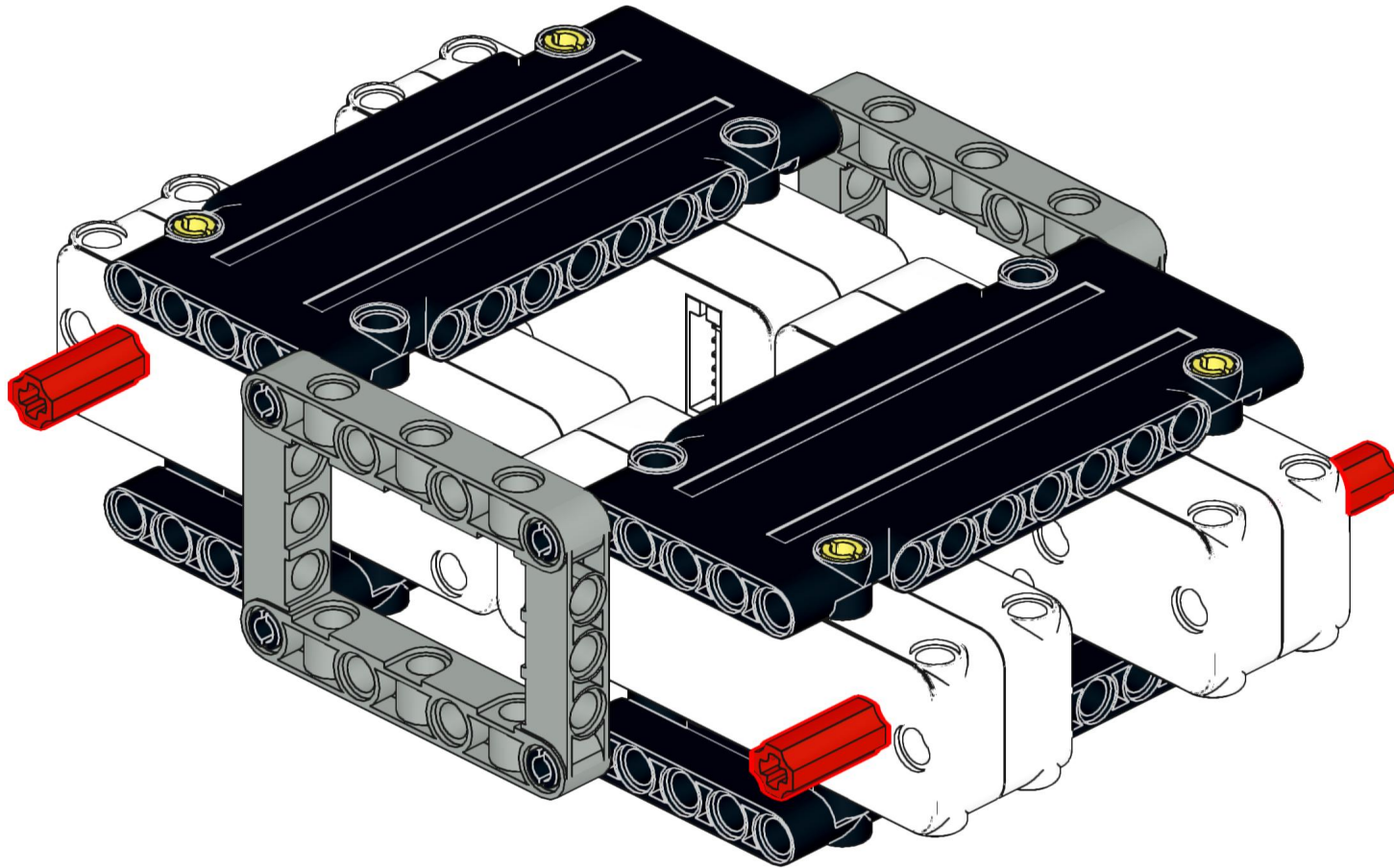
Encoder motor cable x4

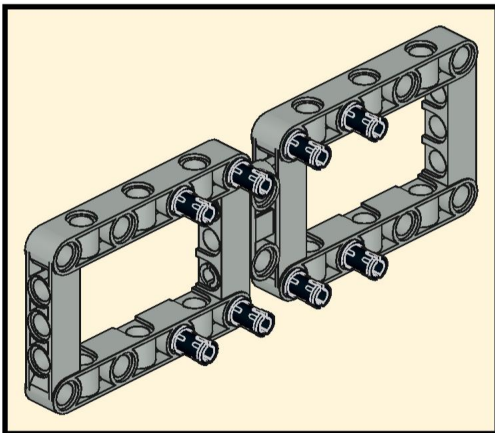
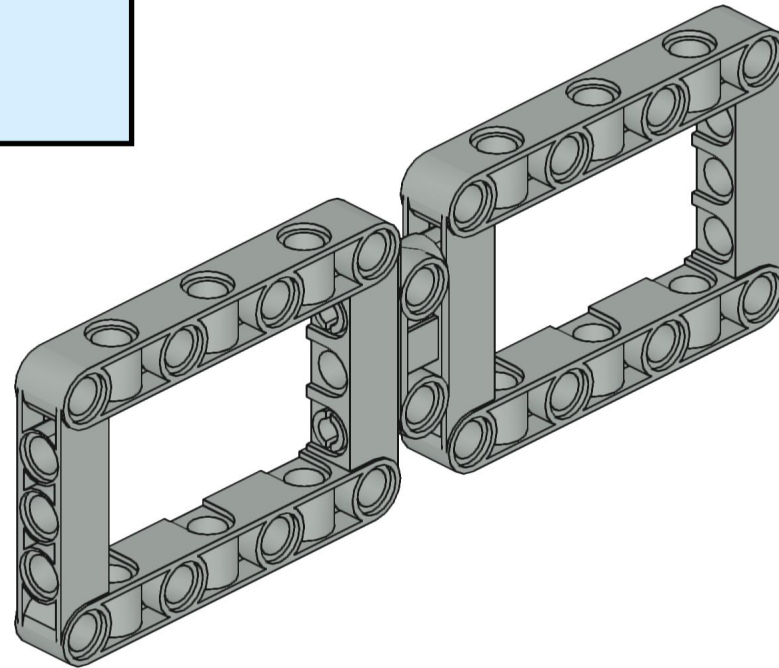
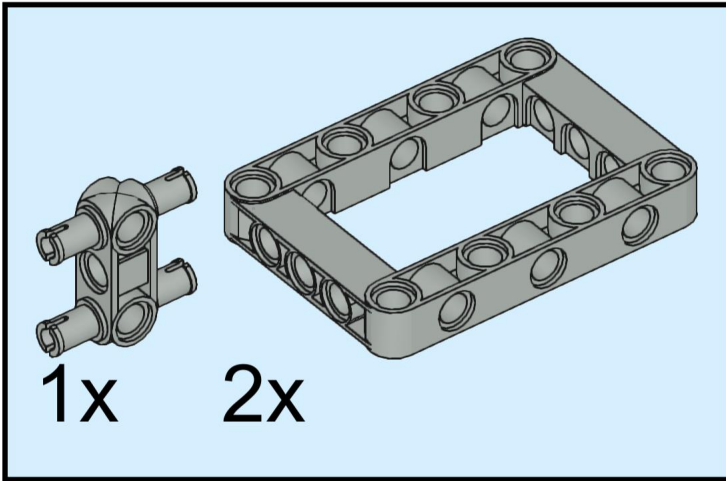


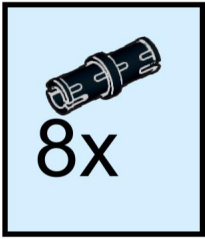




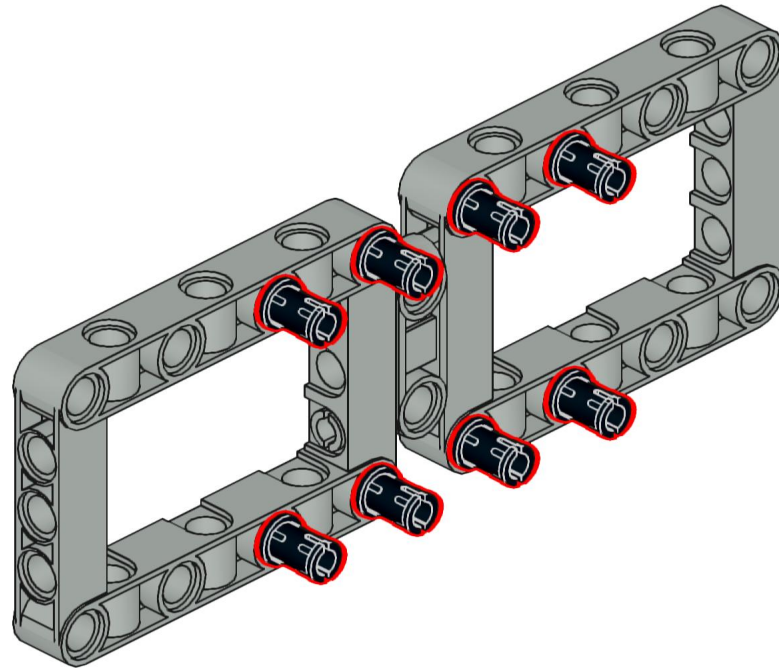
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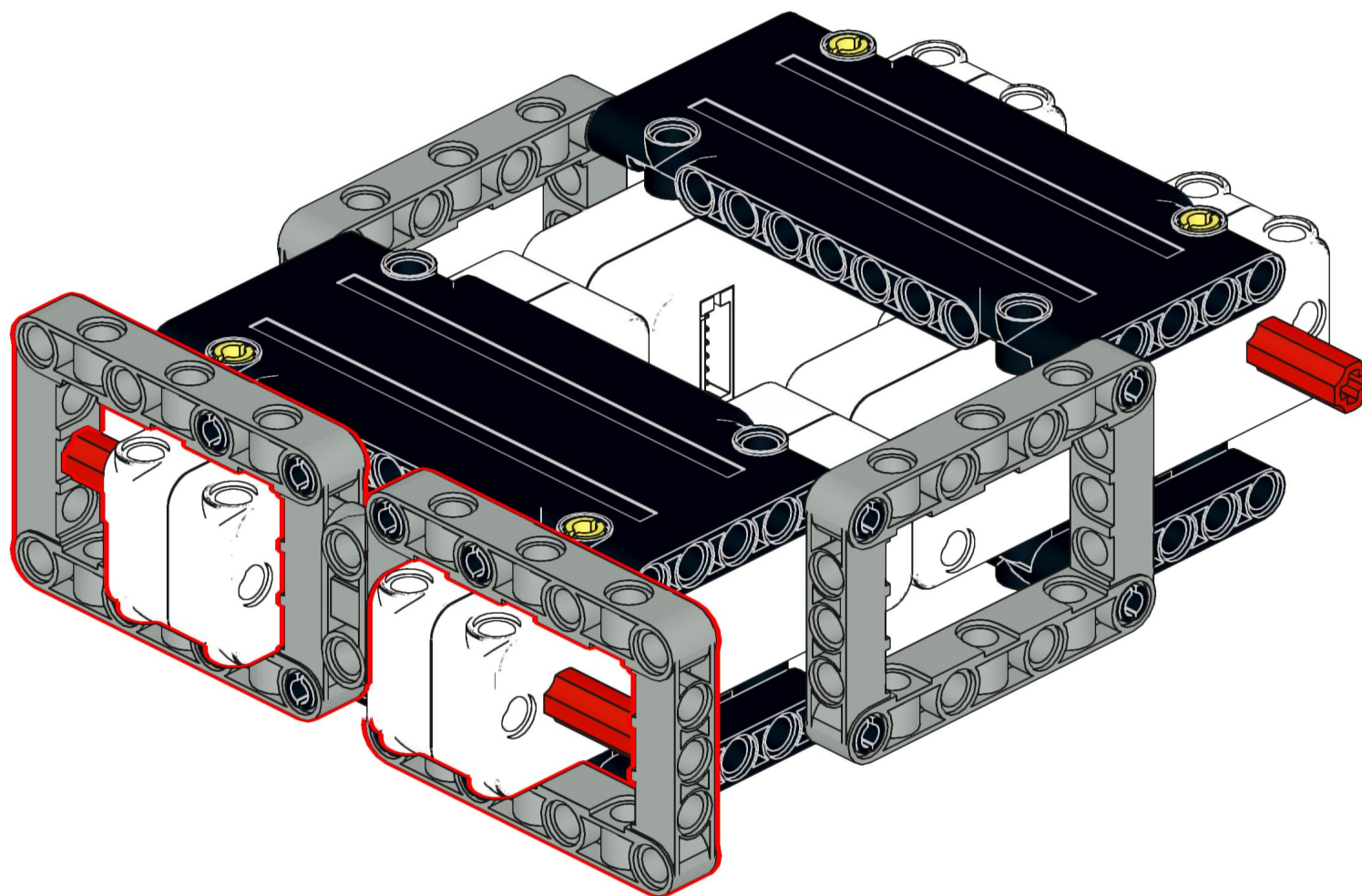


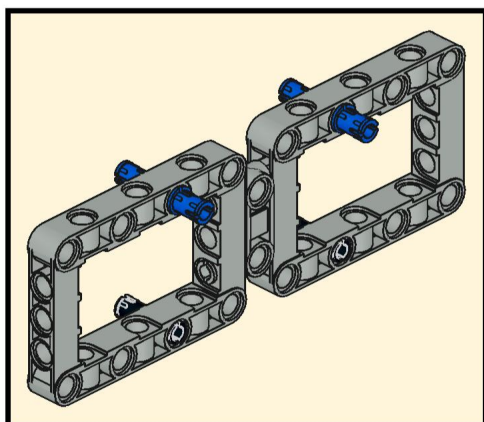
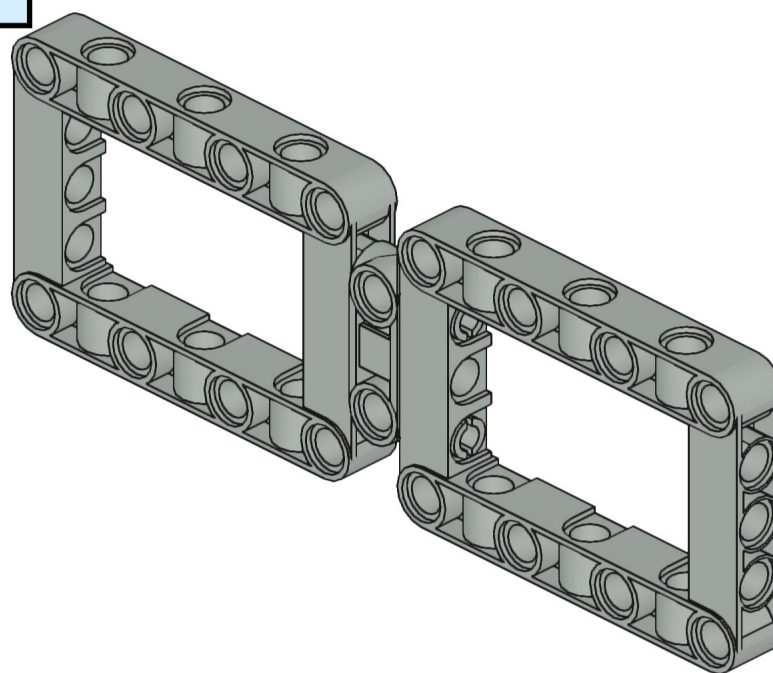
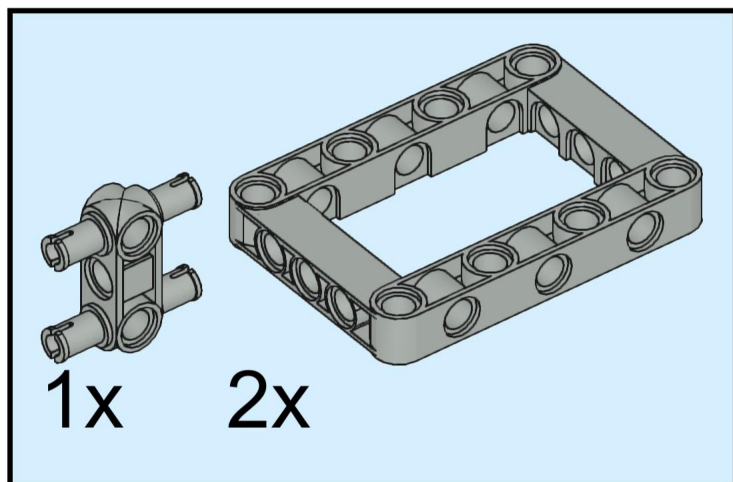


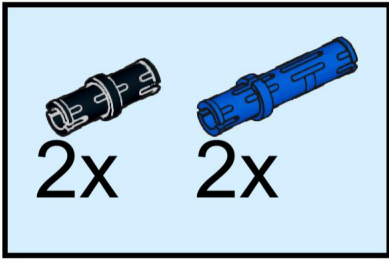
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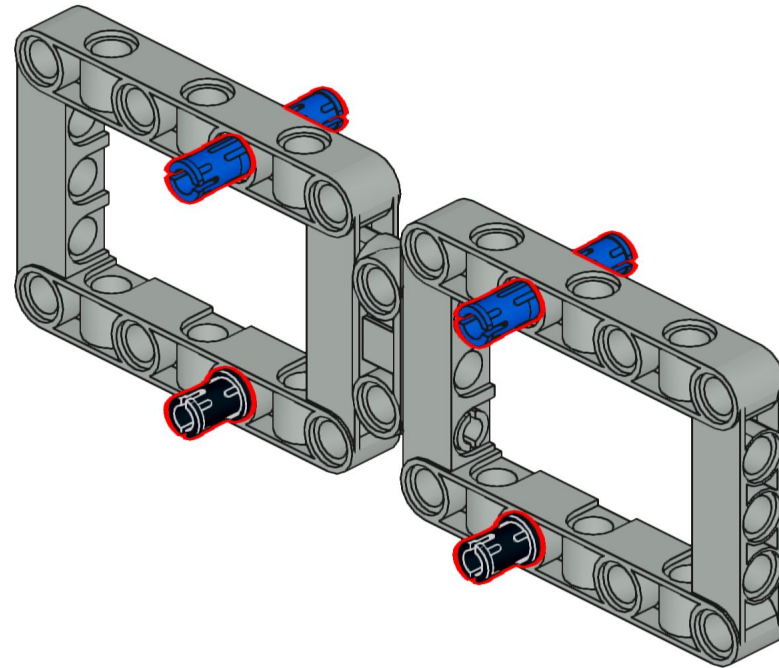
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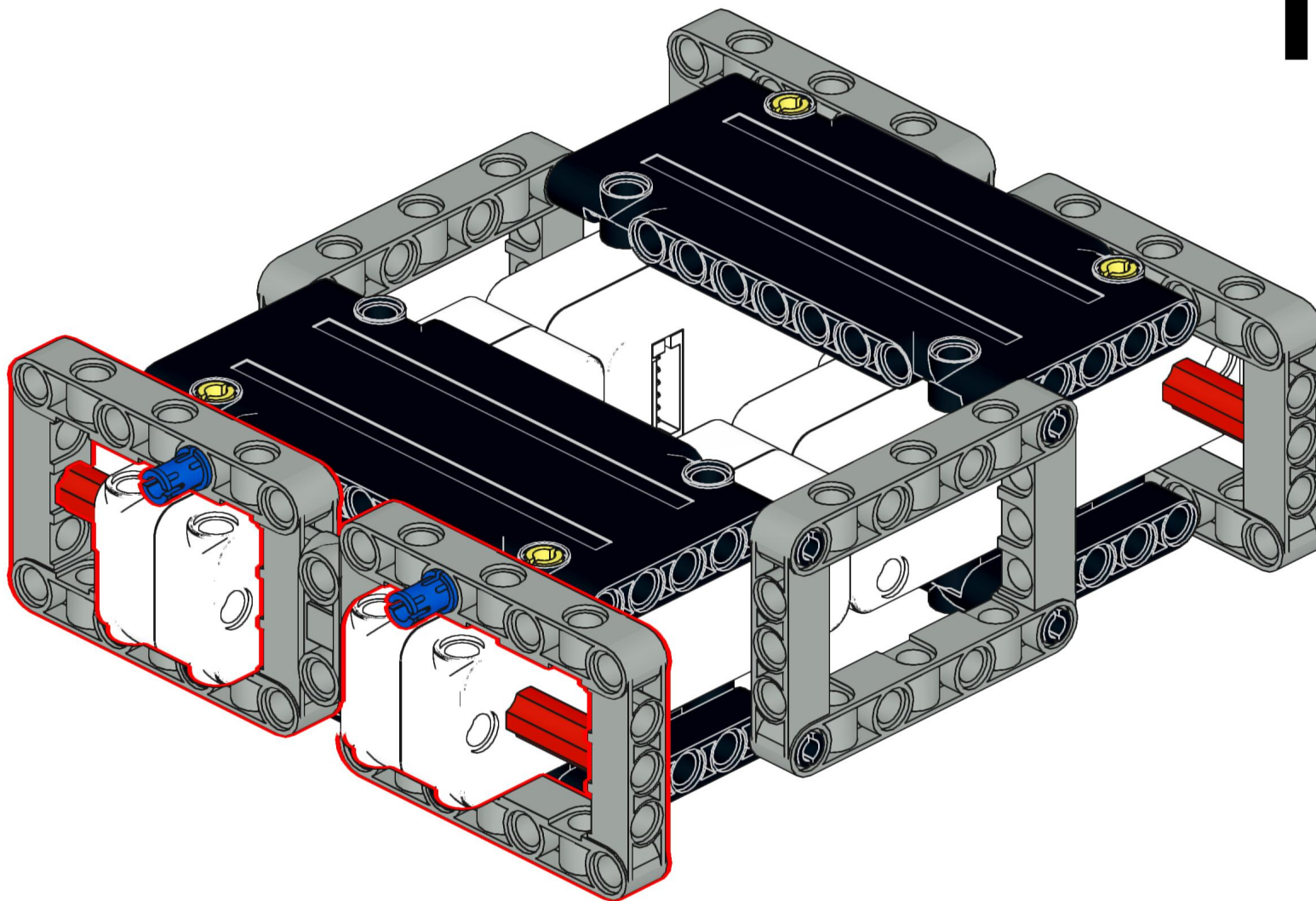


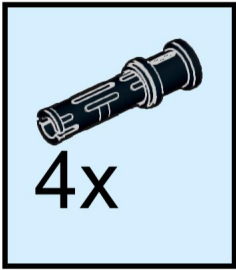


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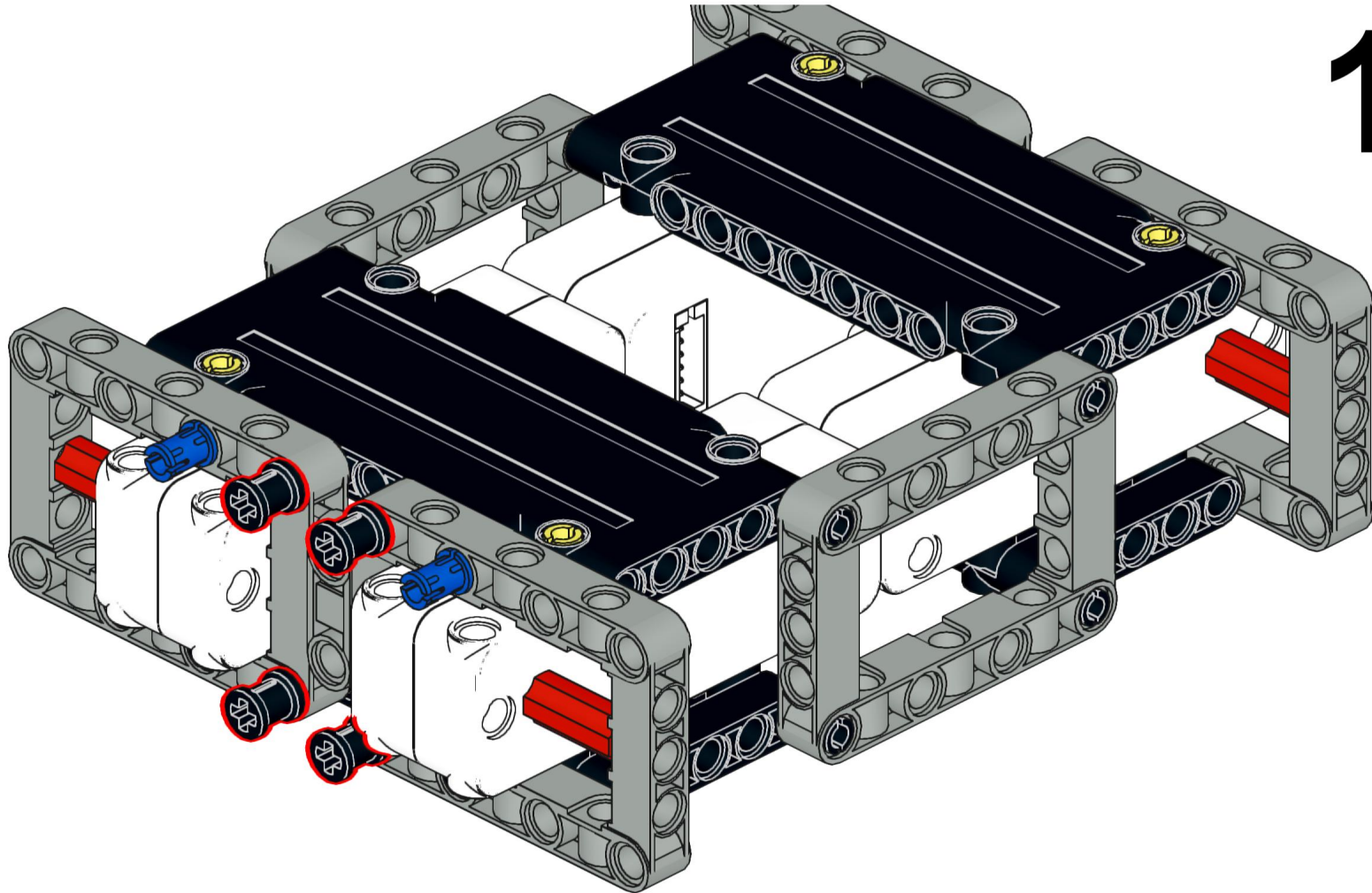


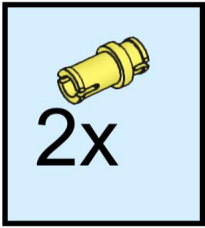
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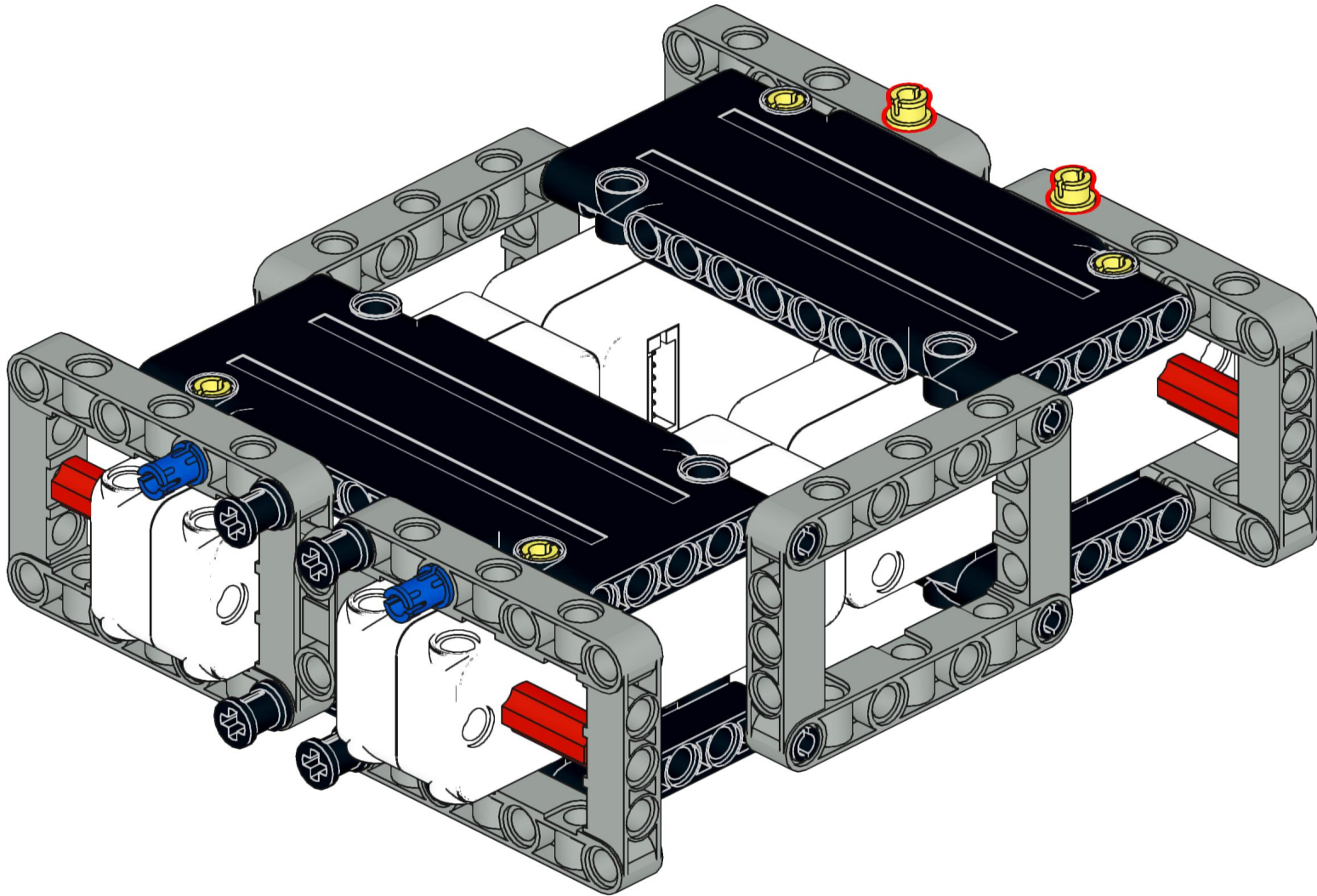


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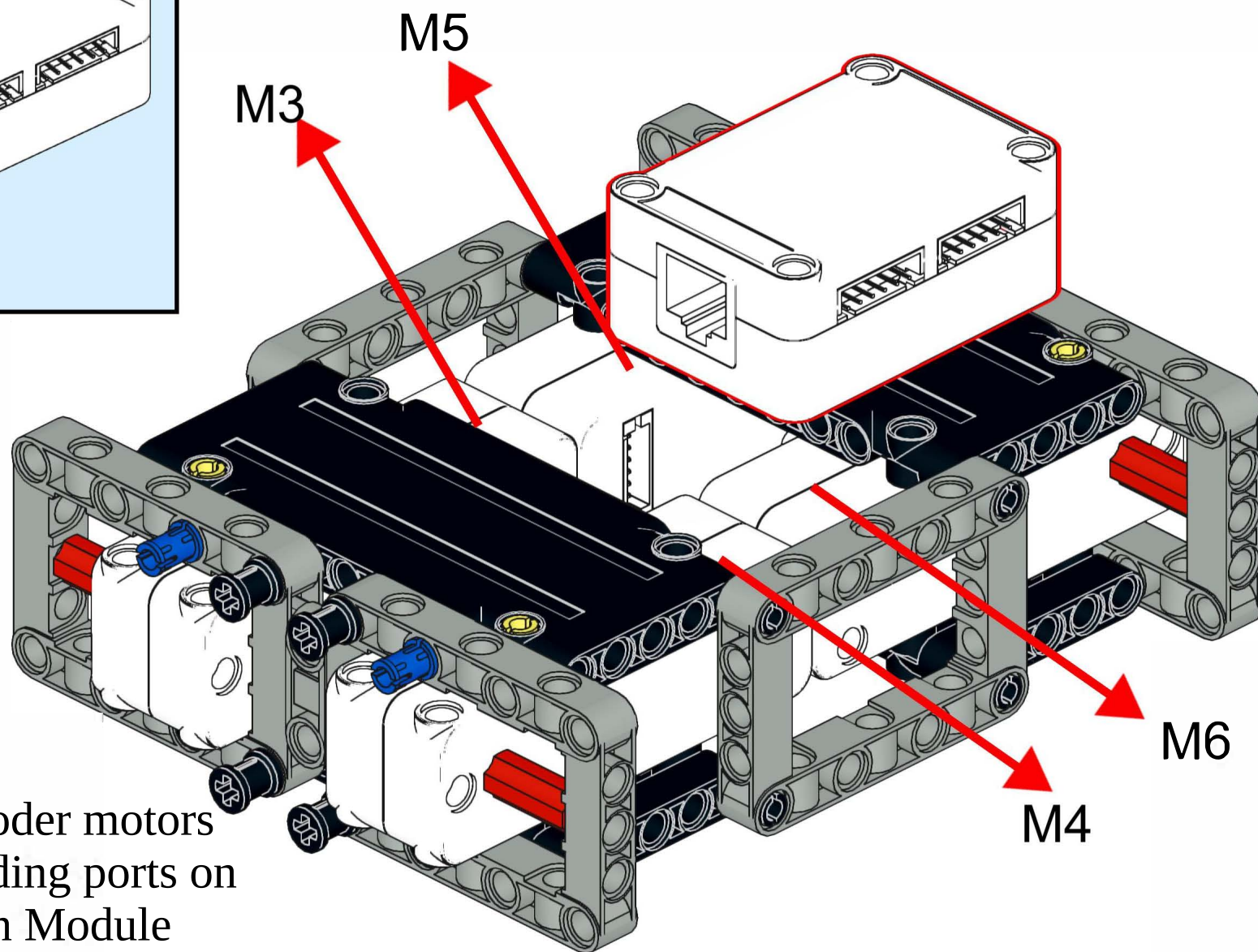
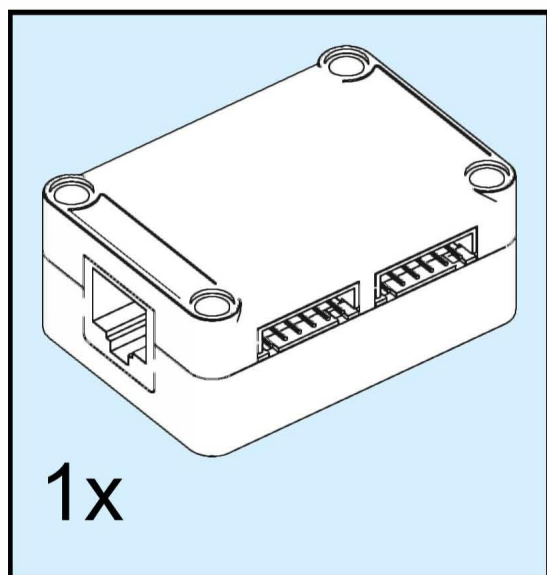




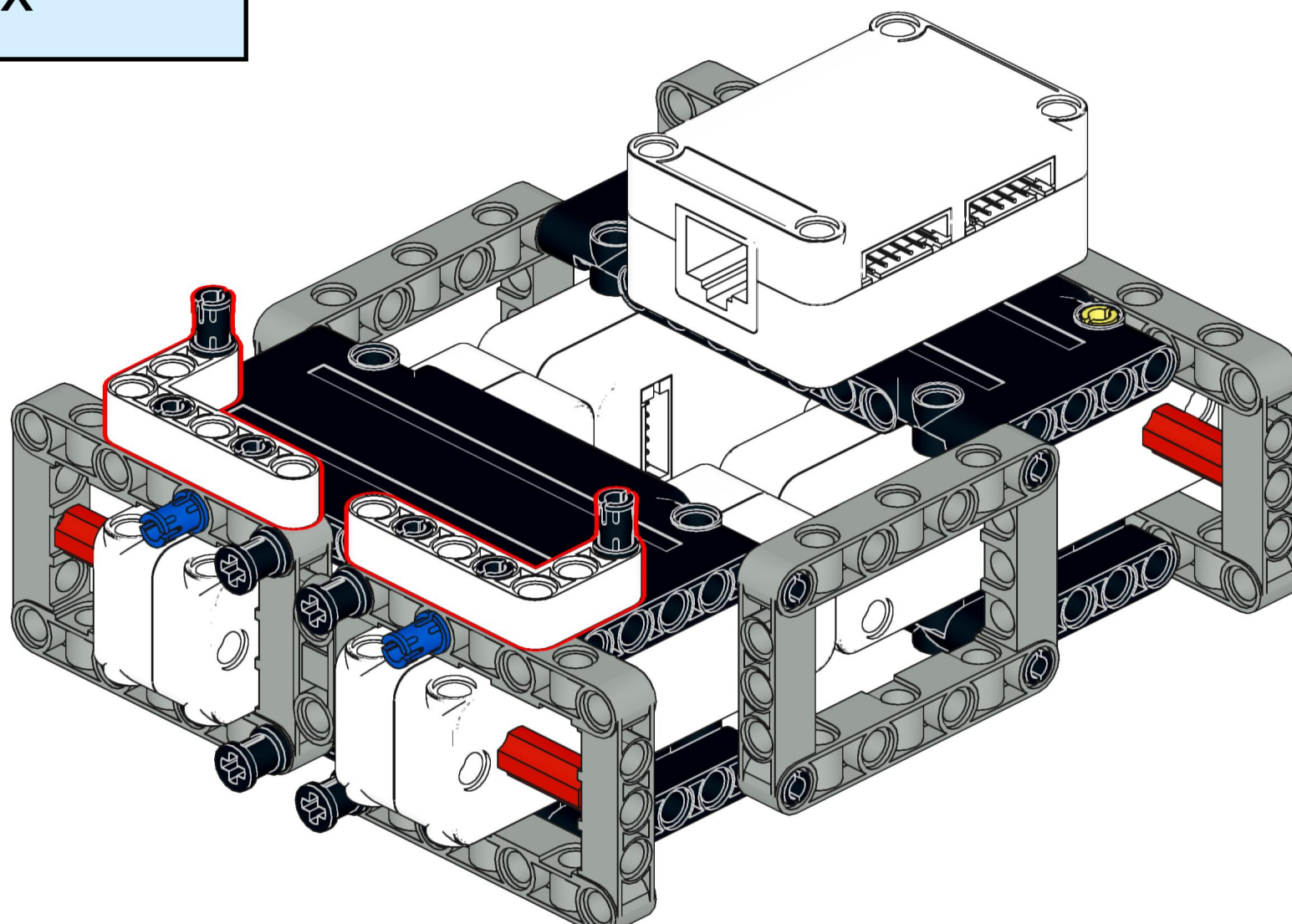
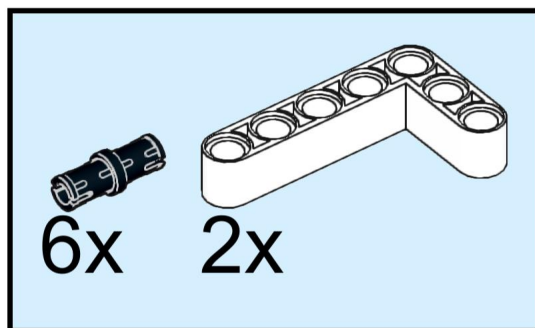
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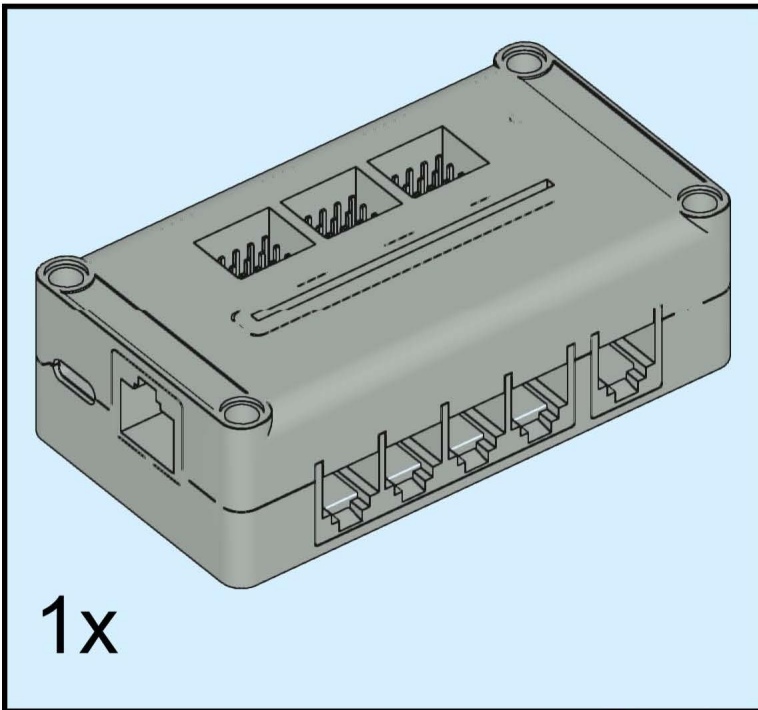


16



Connect the encoder motors to the corresponding ports on Motor Expansion Module separately.

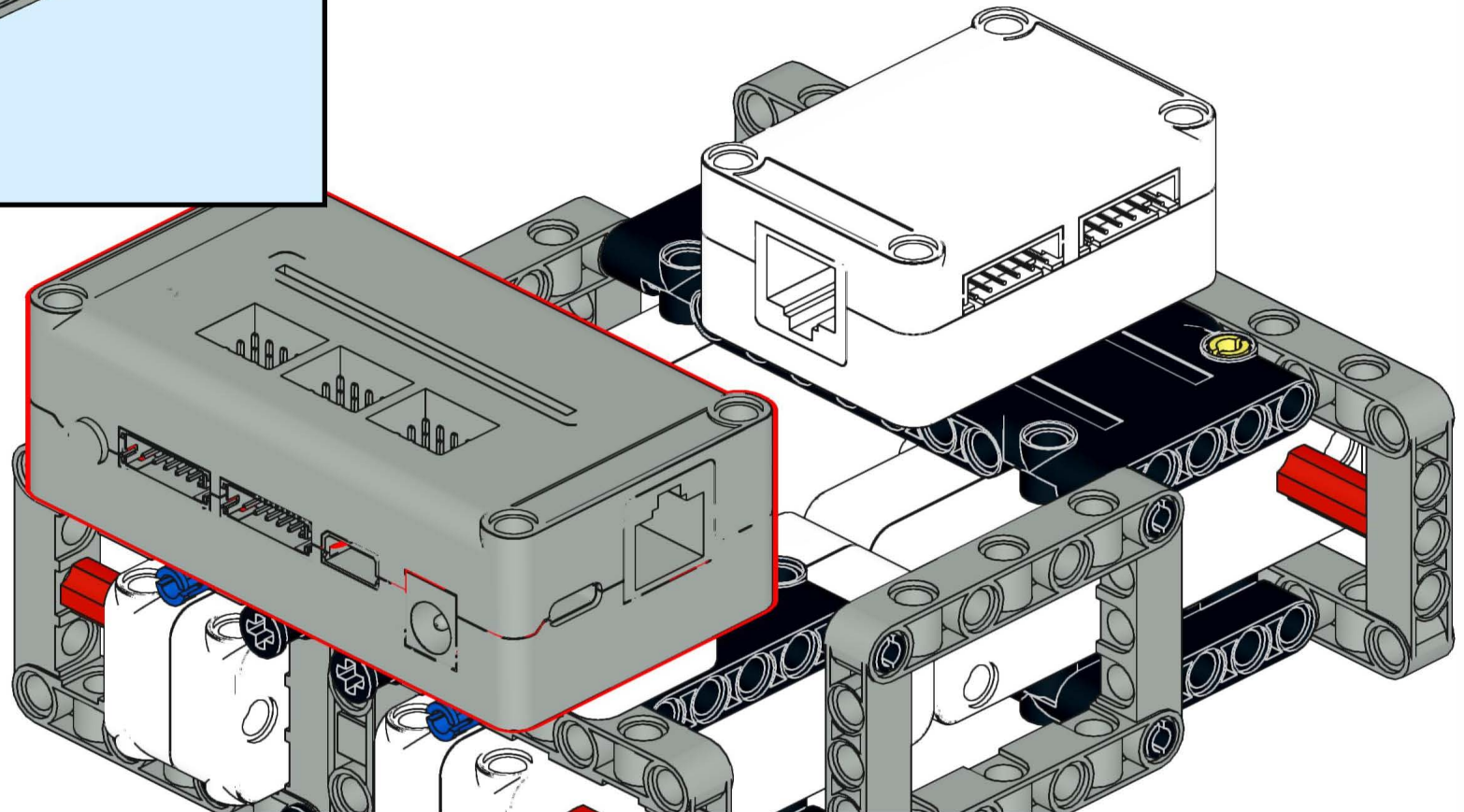


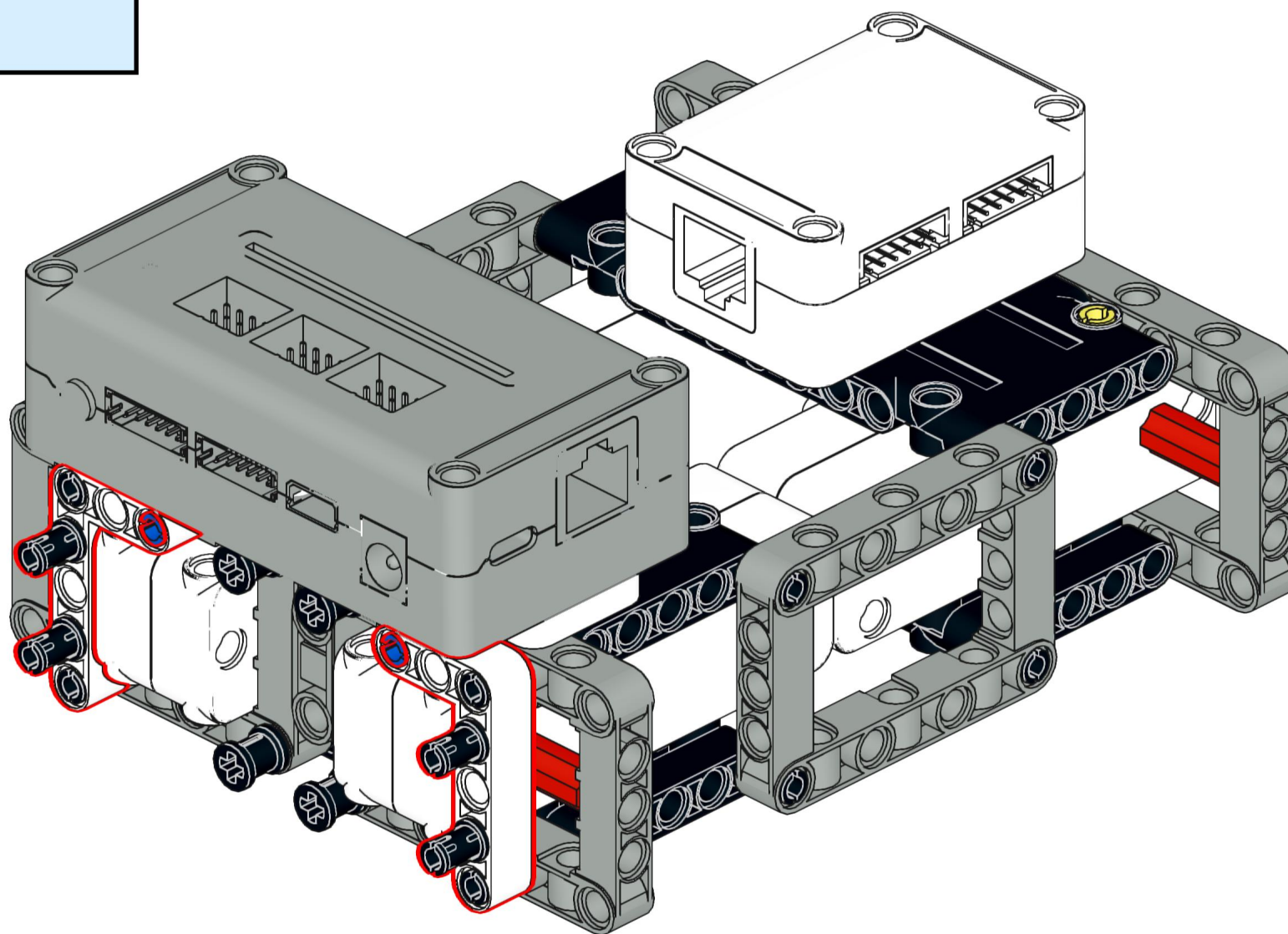
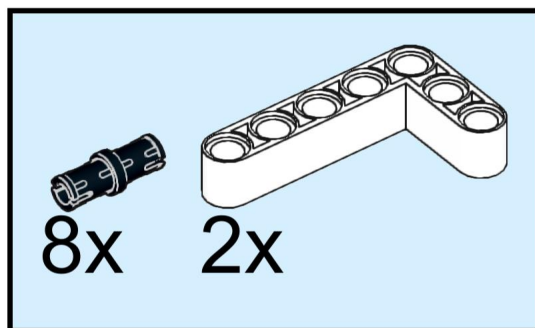


Connect the Motor Expansion Module cable to the EX port of the controller.

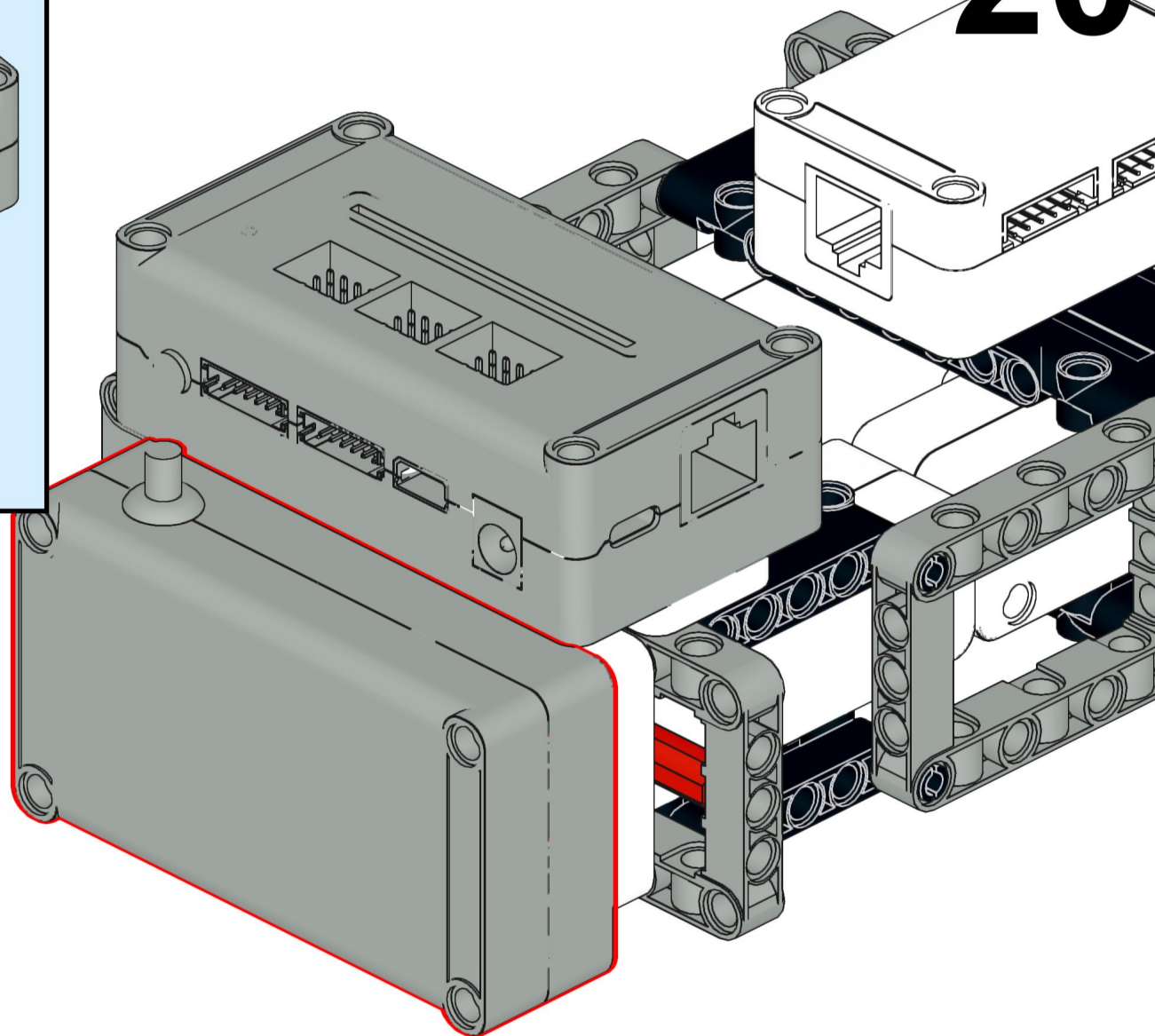
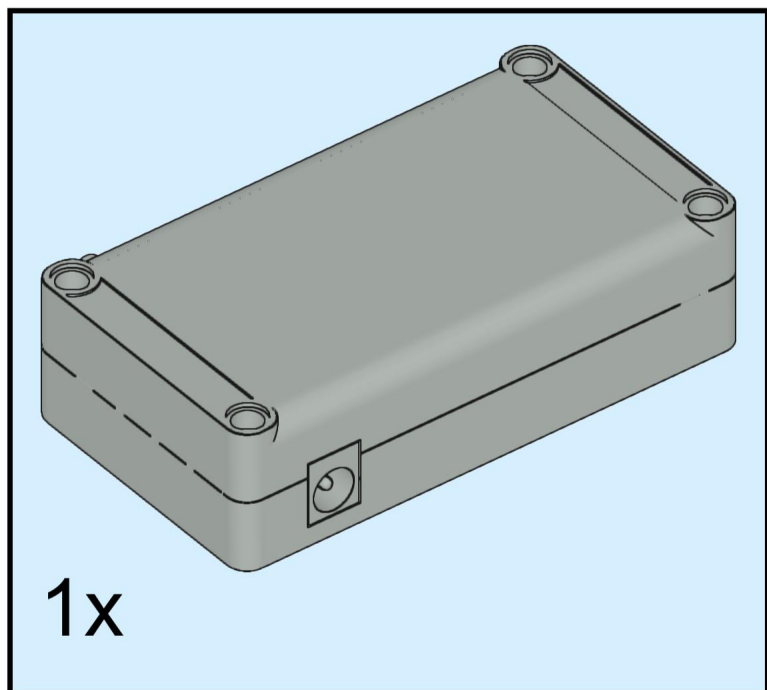


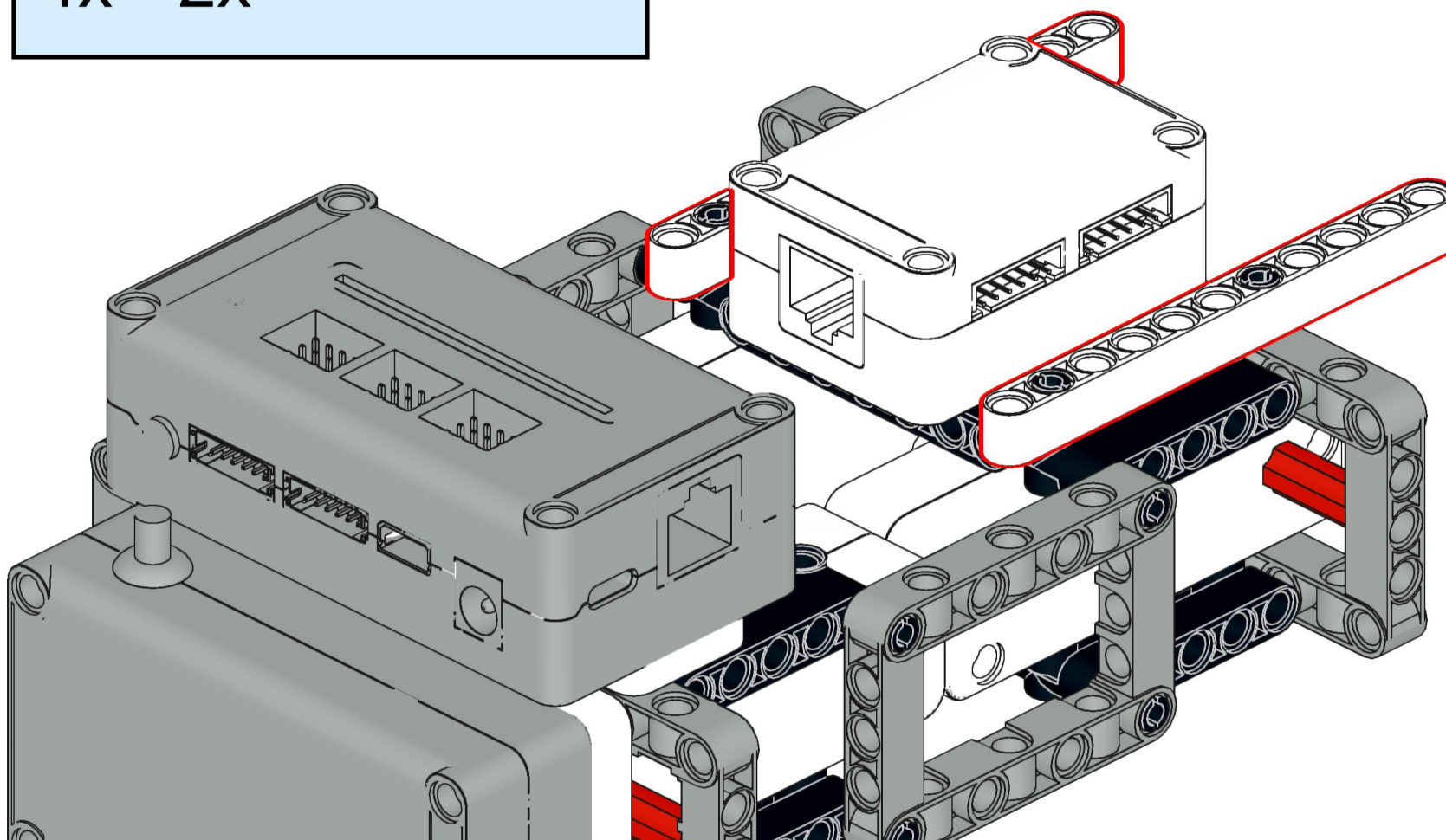
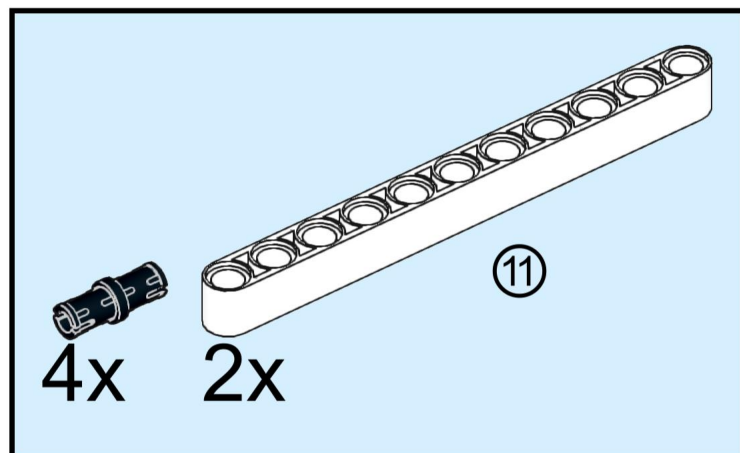
Motor
expansion
module cable
x1



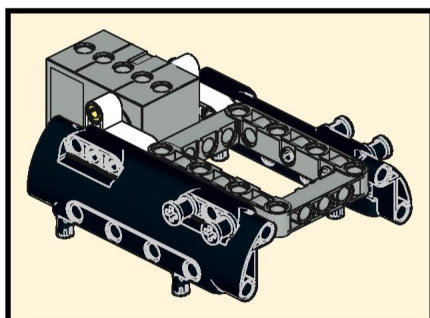
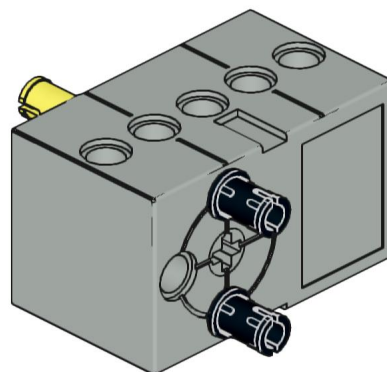
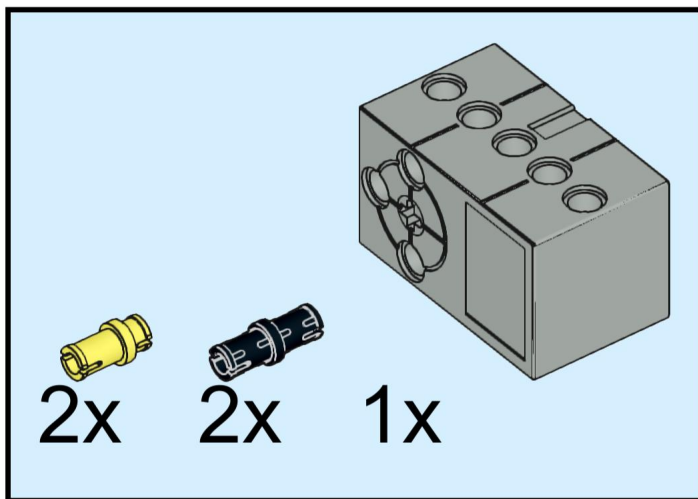


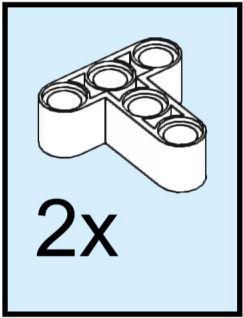
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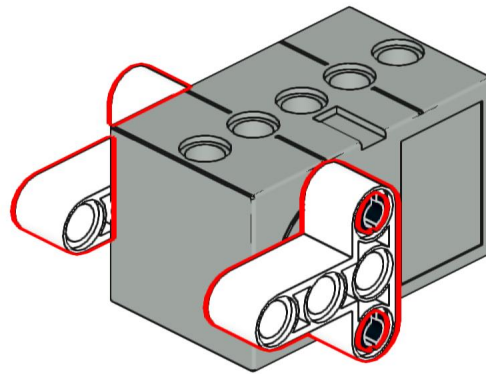


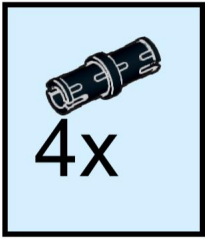
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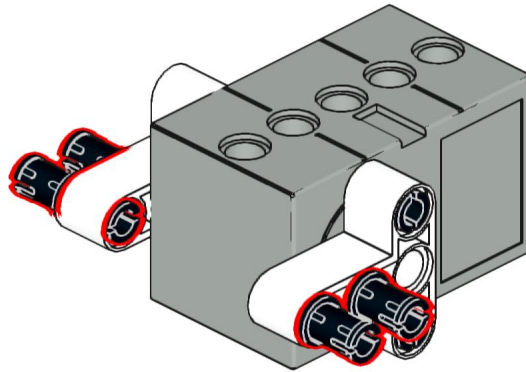


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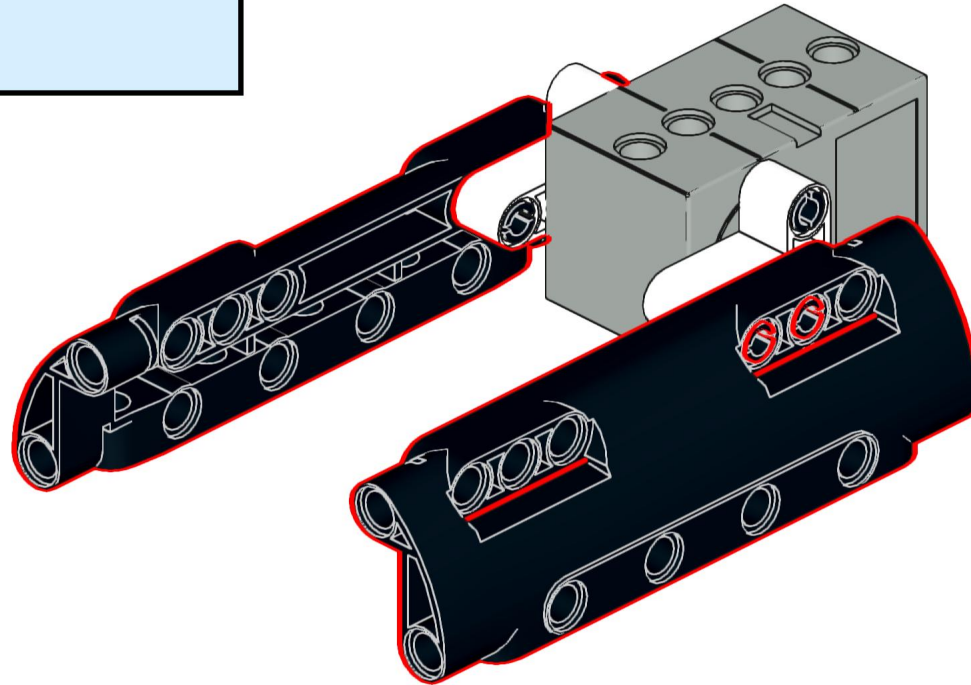
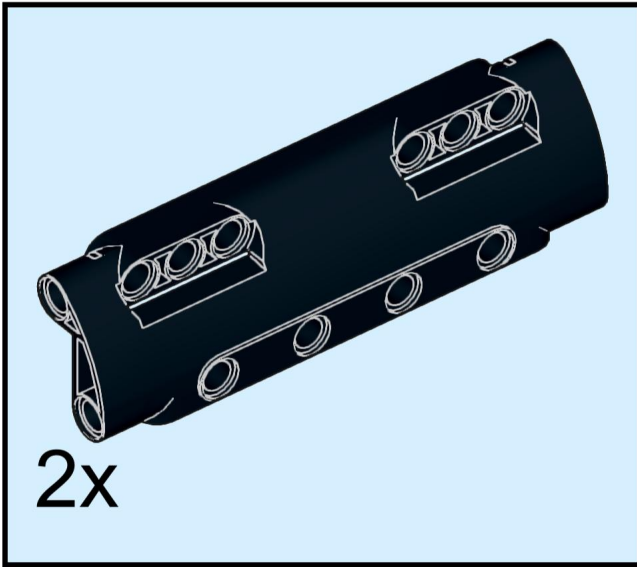


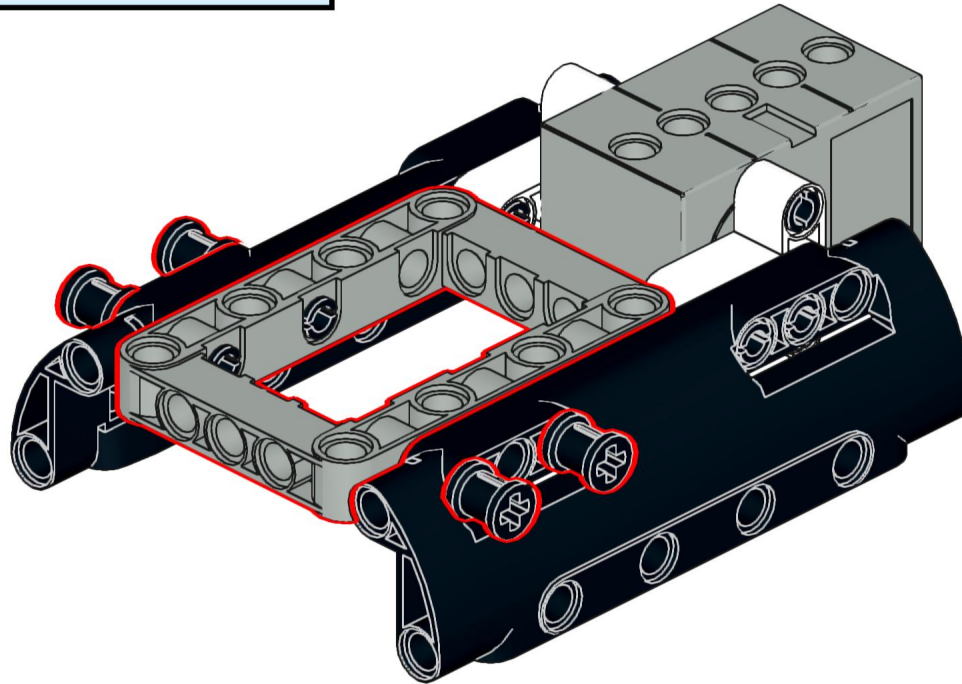
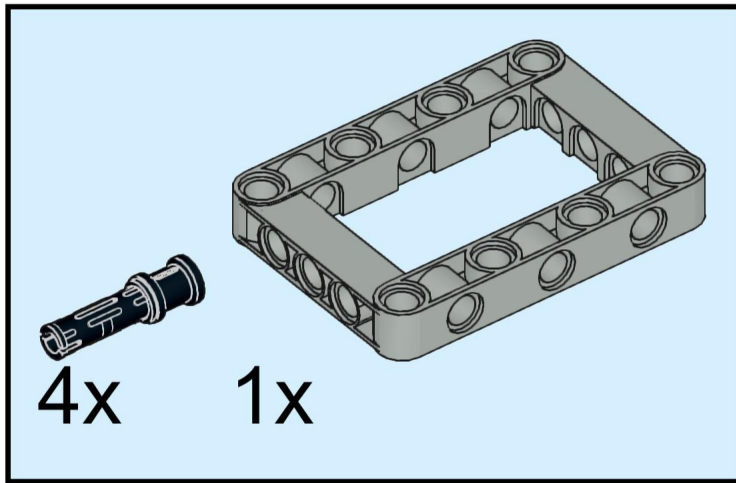


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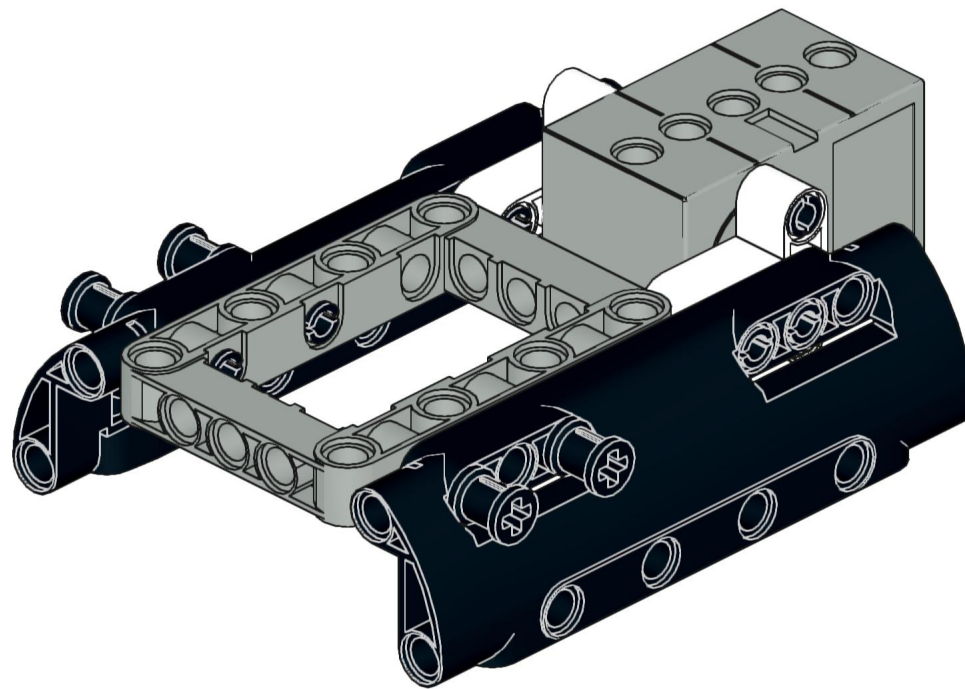


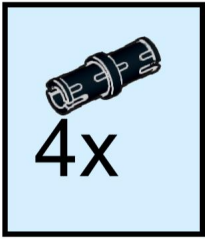
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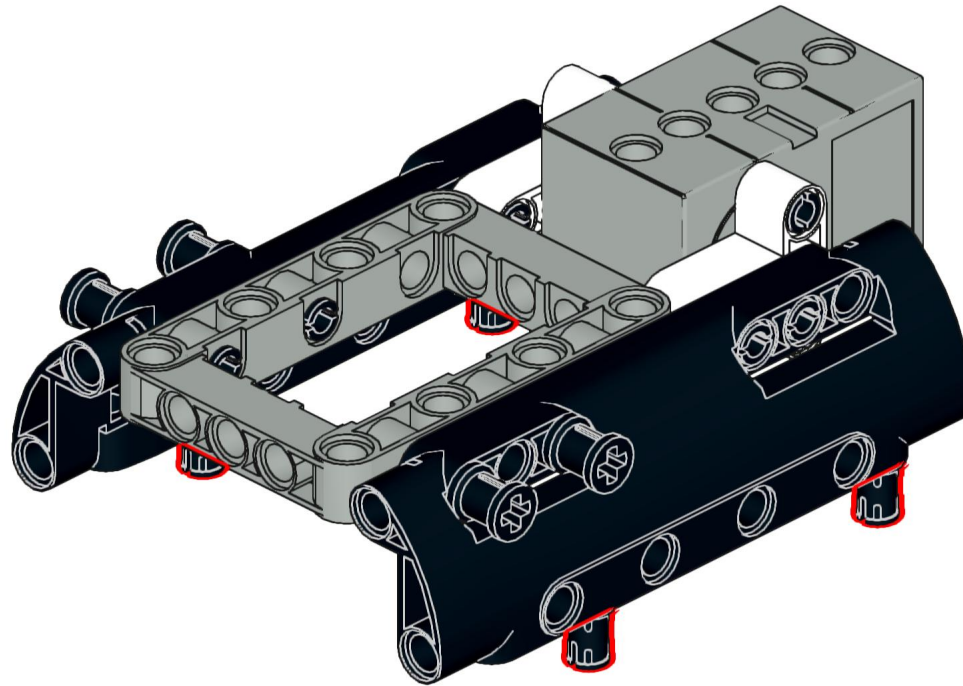


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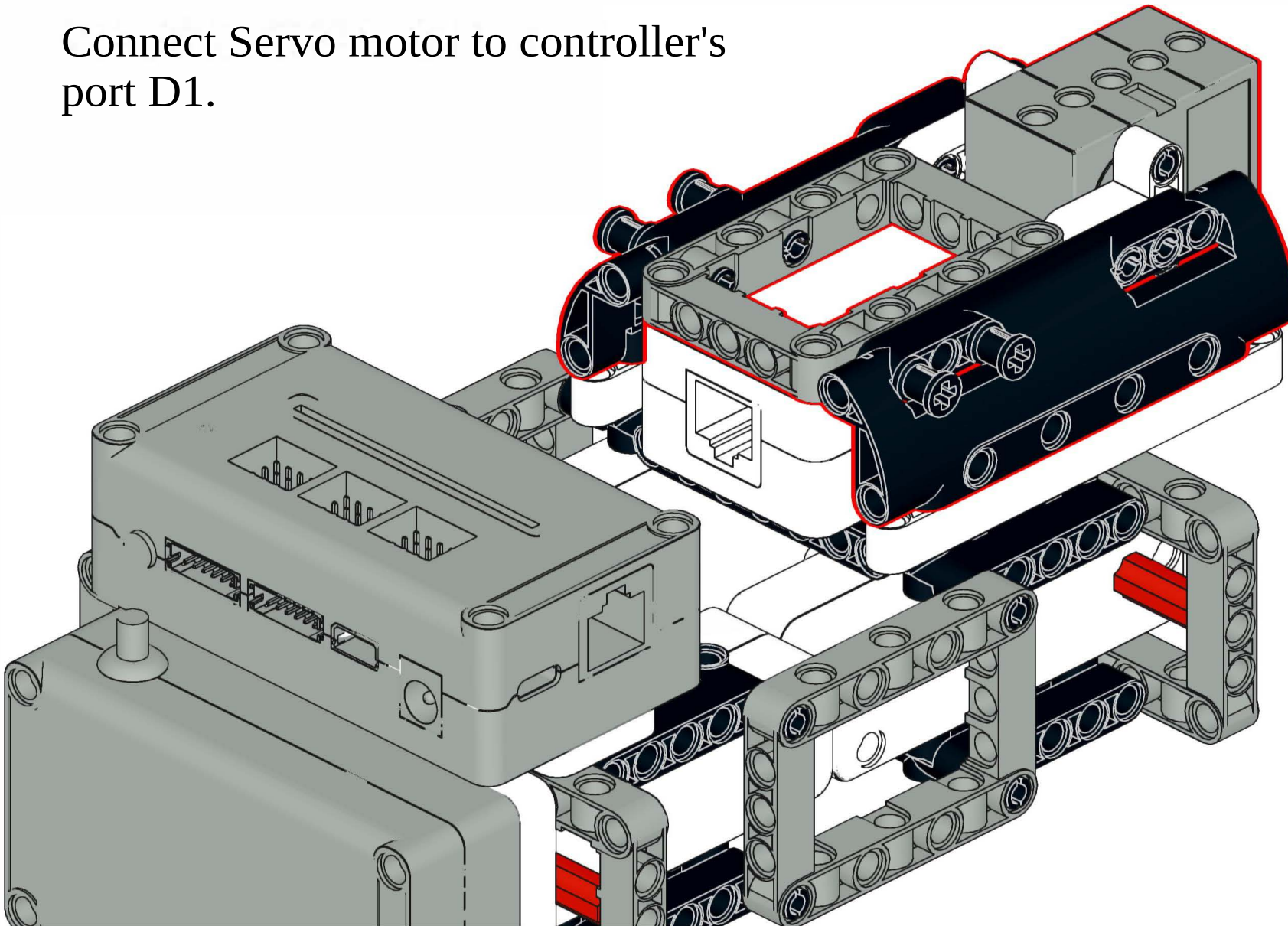


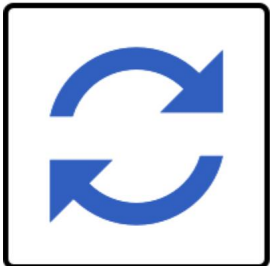
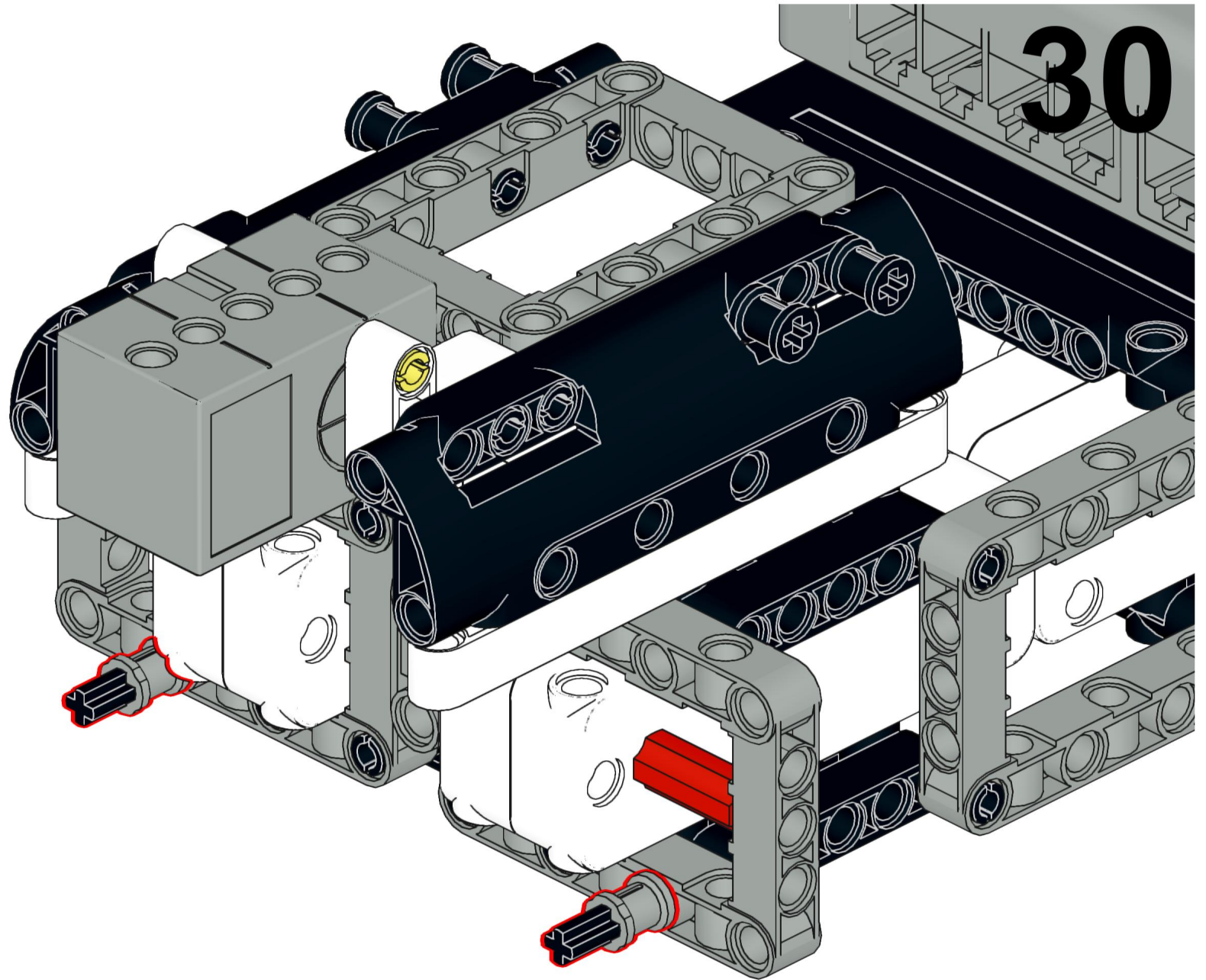
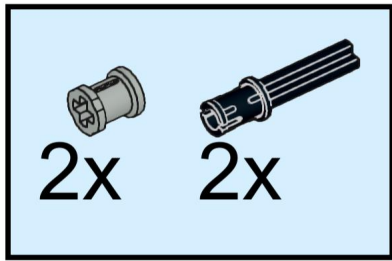


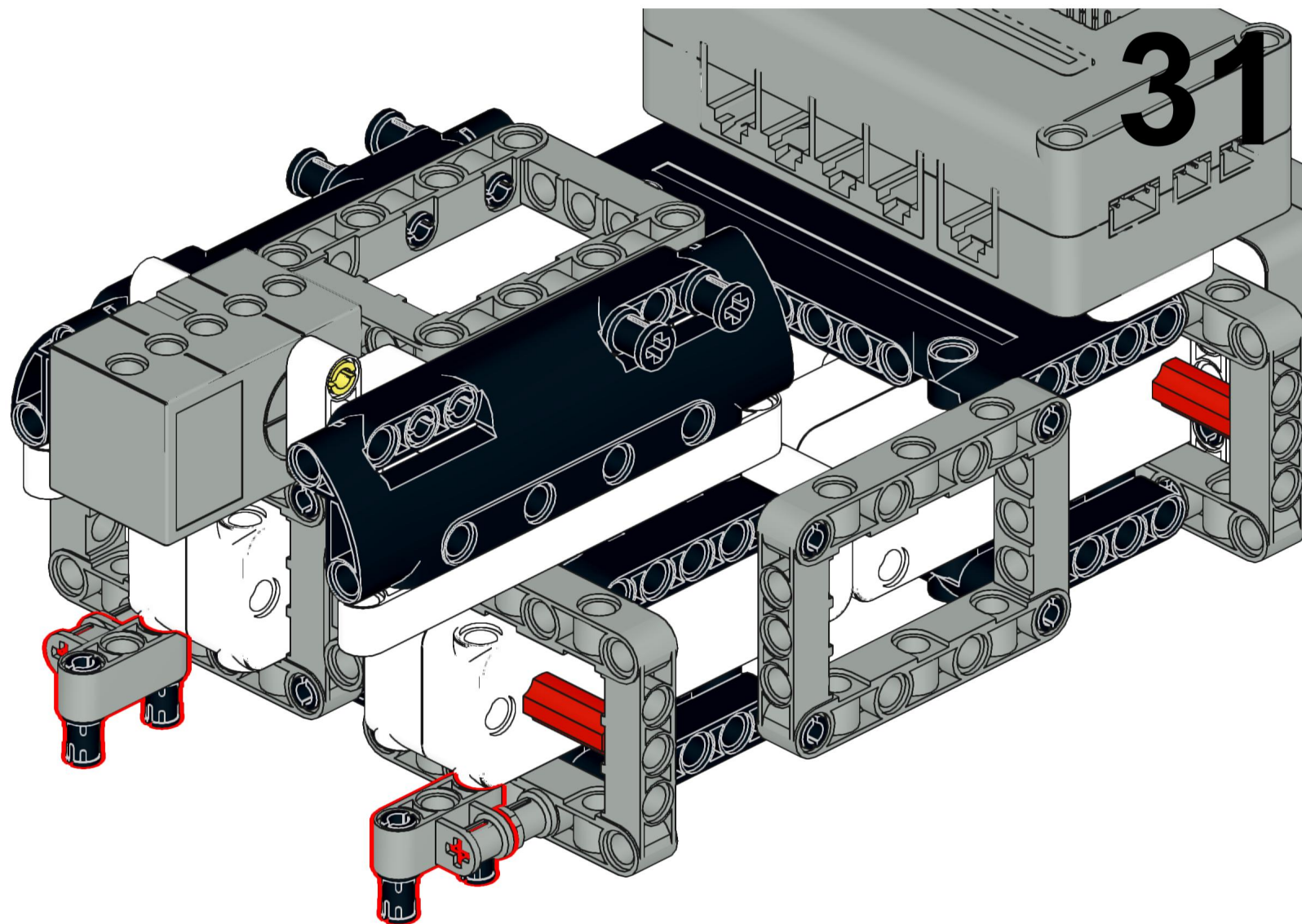
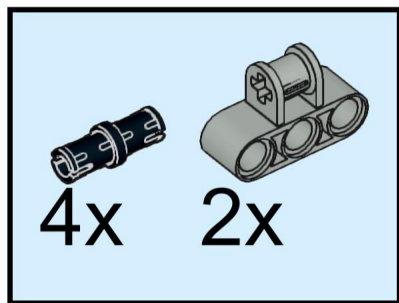
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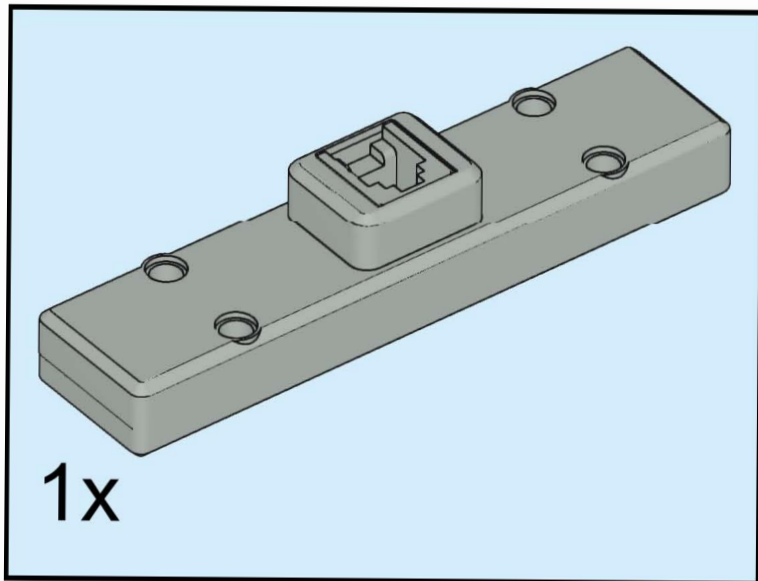


Connect Servo motor to controller's port D1.







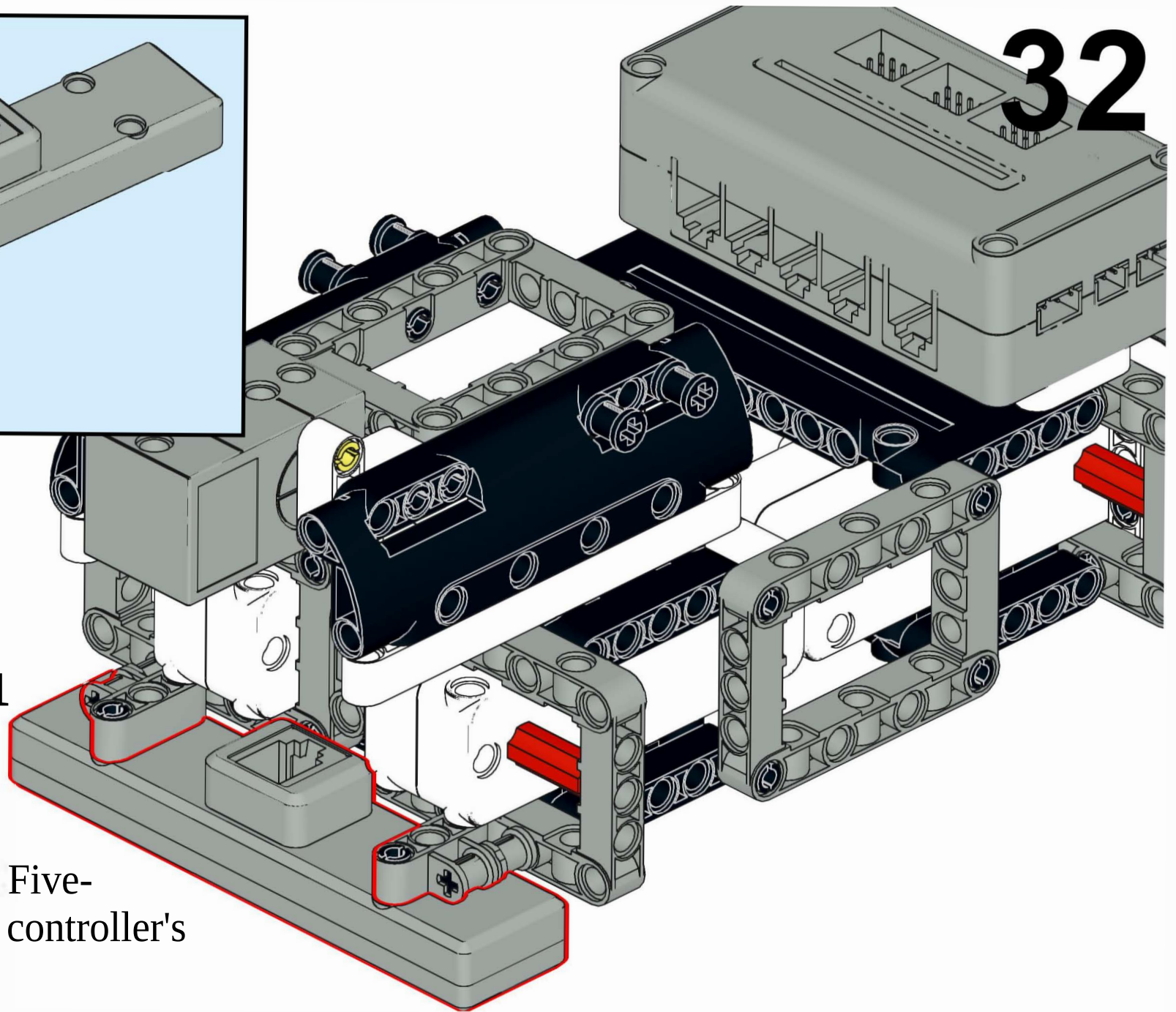


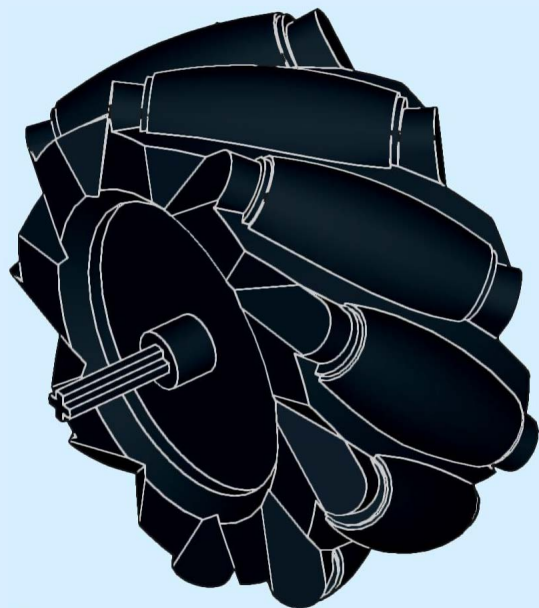
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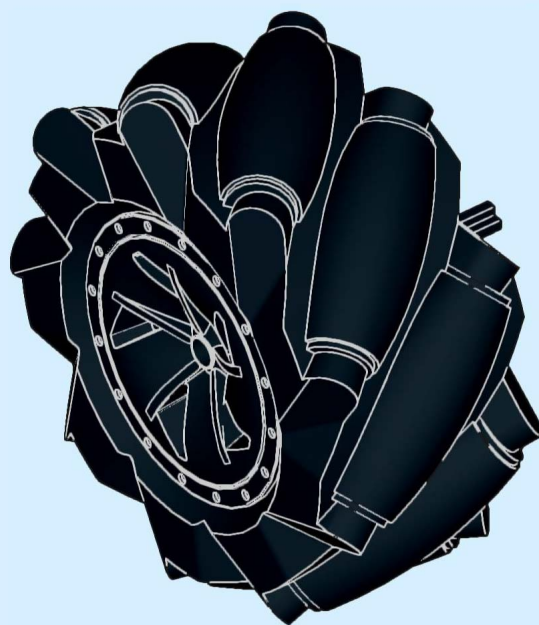
Sensor cable x1

Connect Integrated Five-grayscale sensor to controller's port A5.

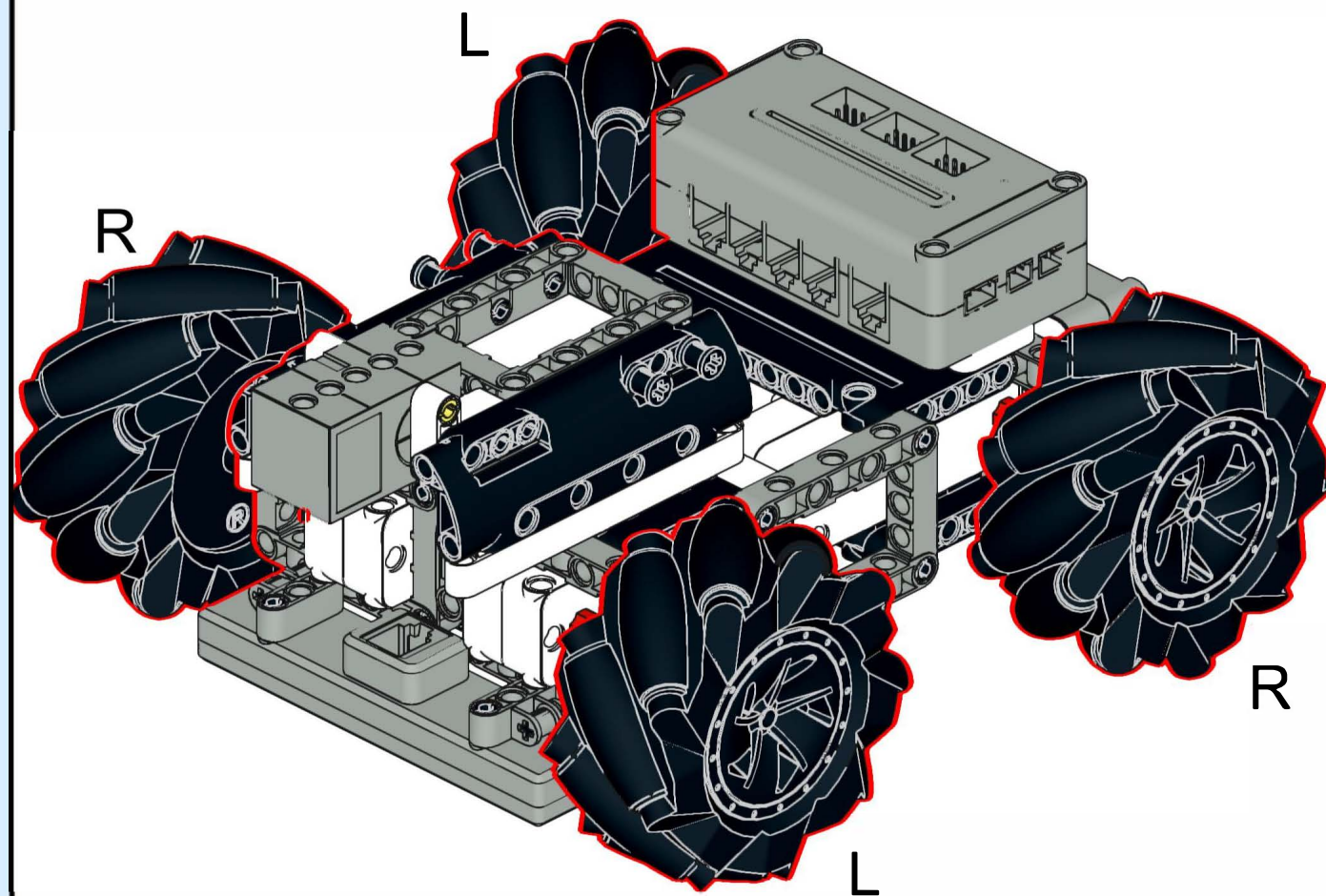




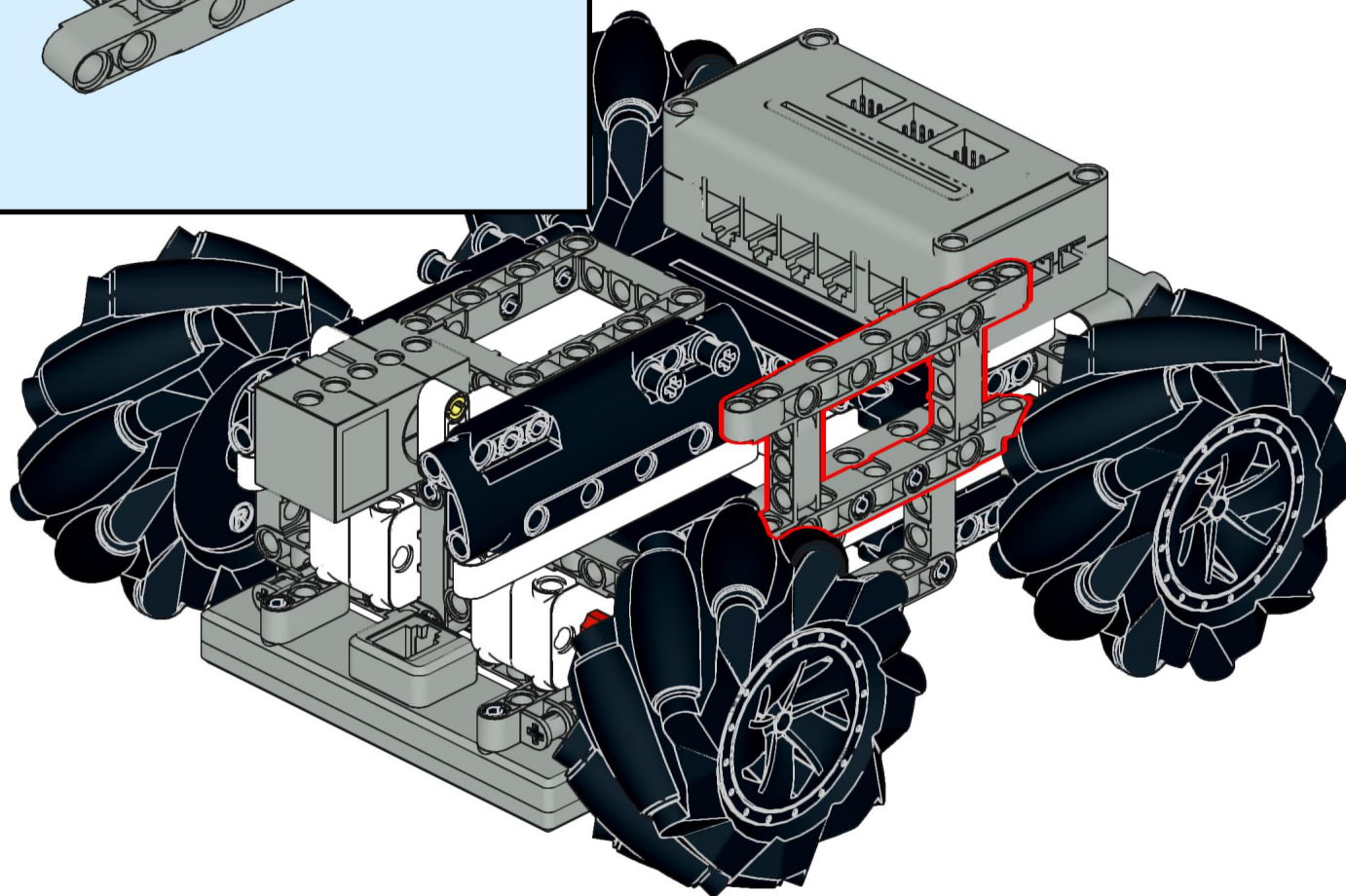
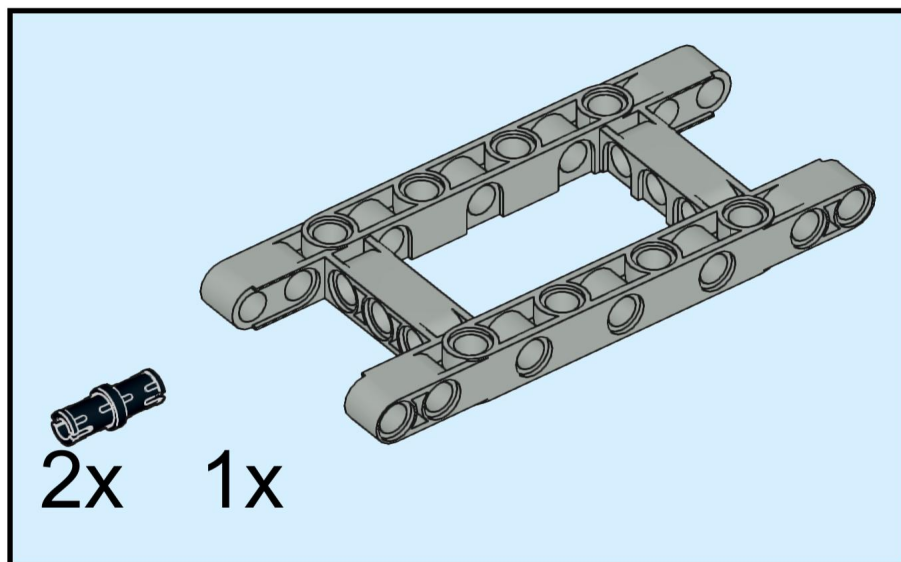
2x

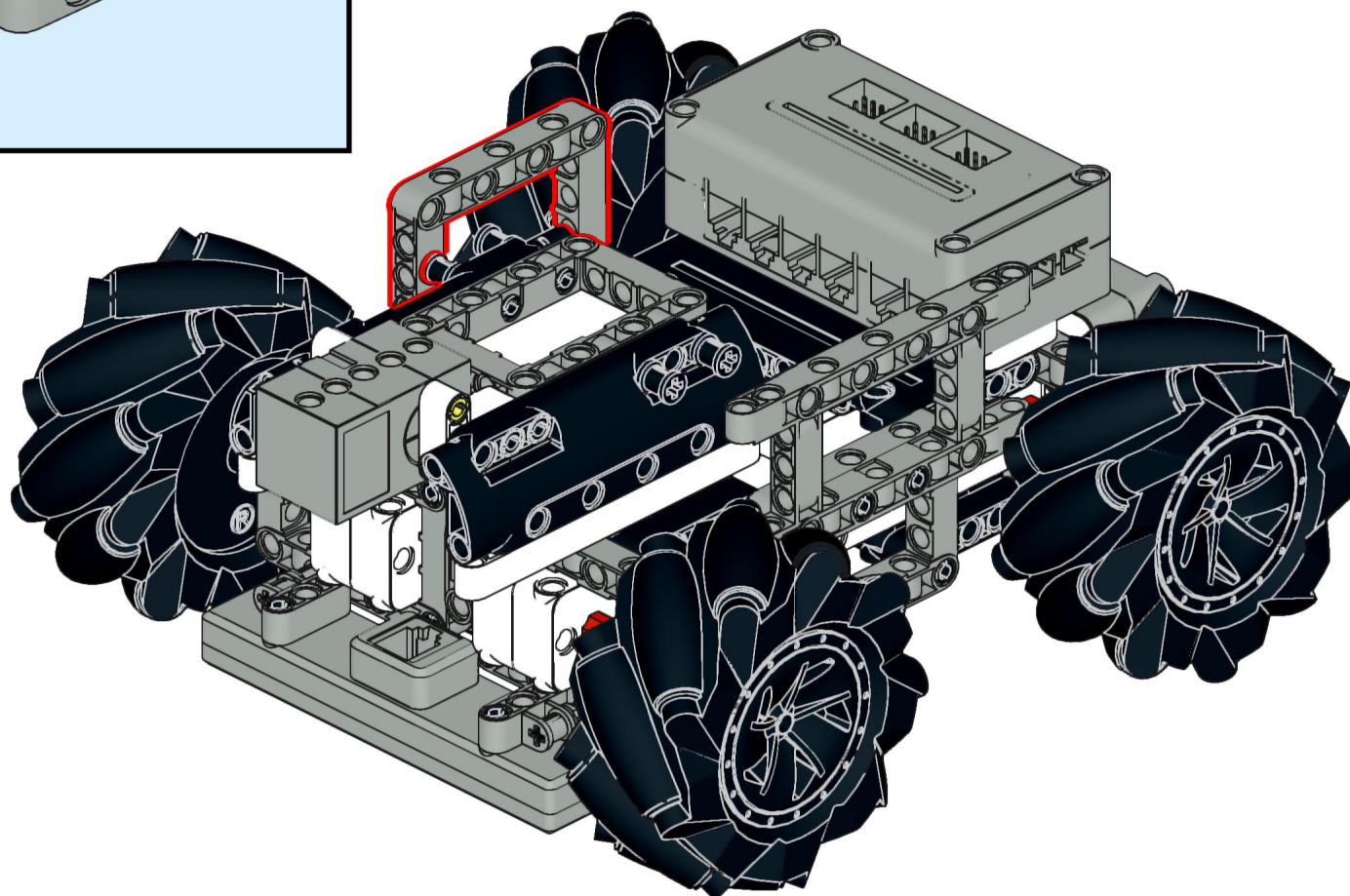
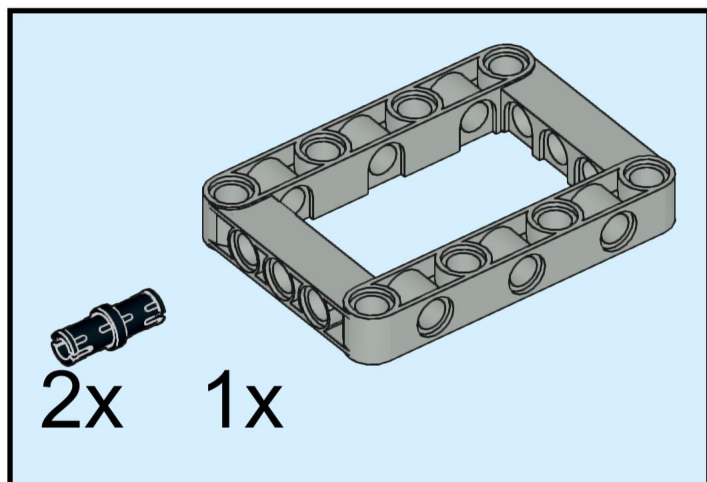


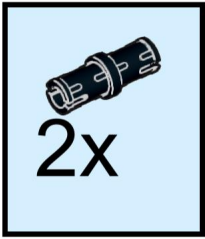
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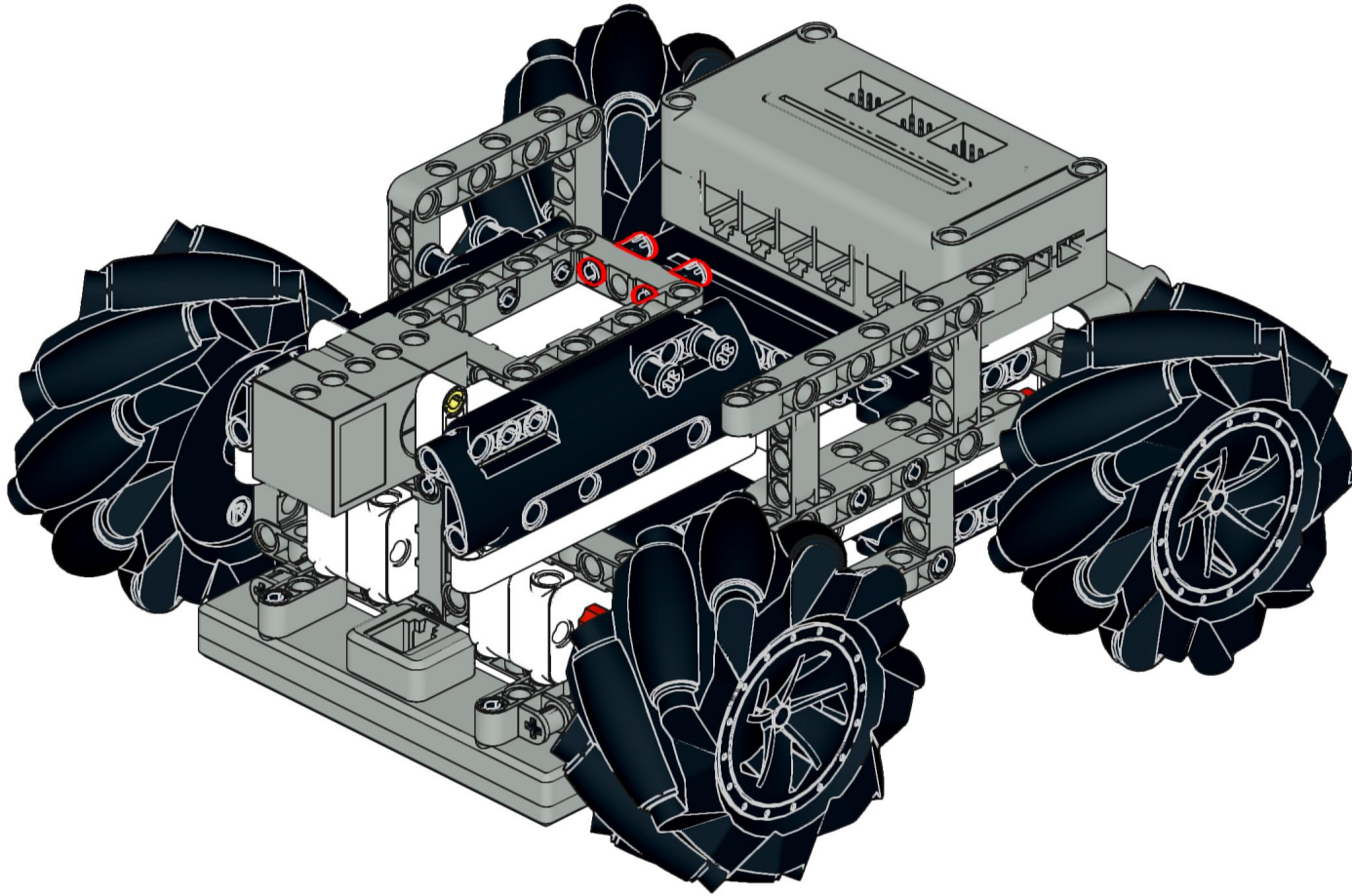
Pay attention to the installation of the Mecanum wheels.



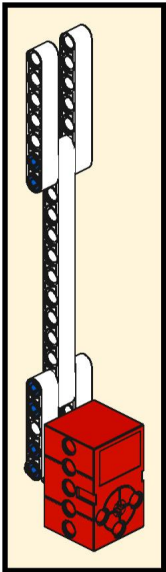
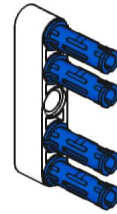
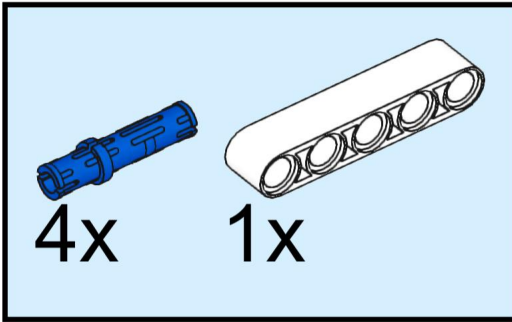




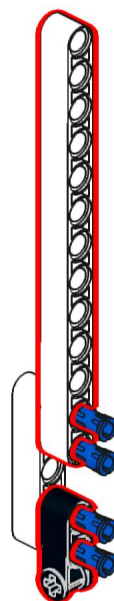
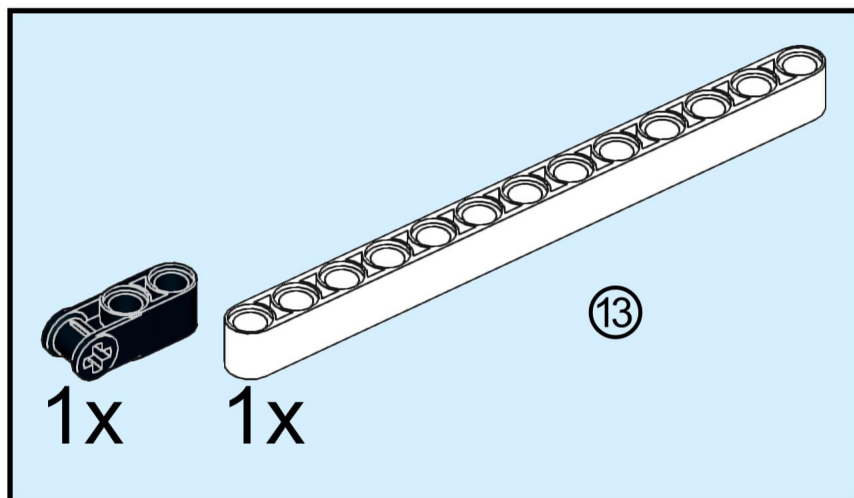
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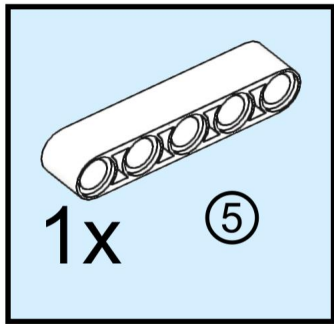


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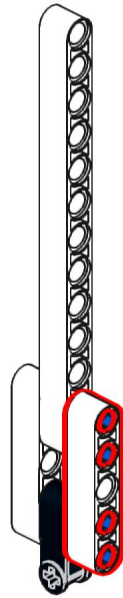


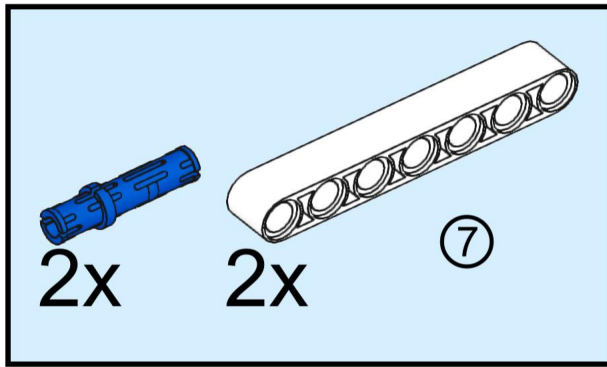
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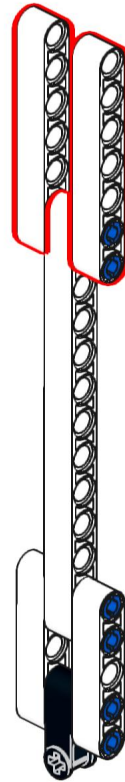


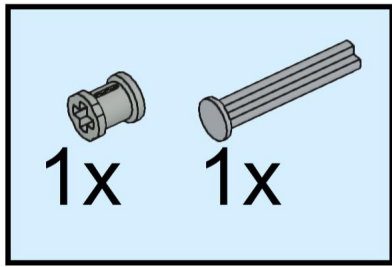
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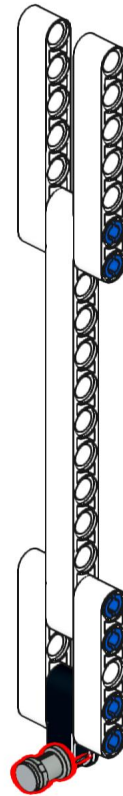


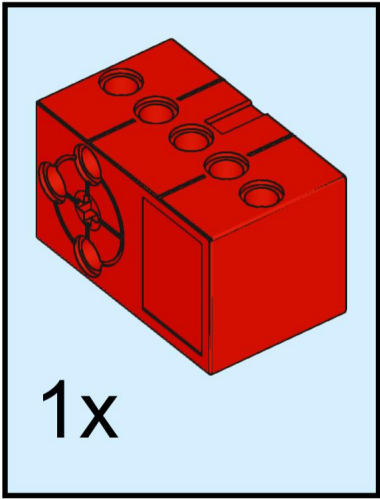
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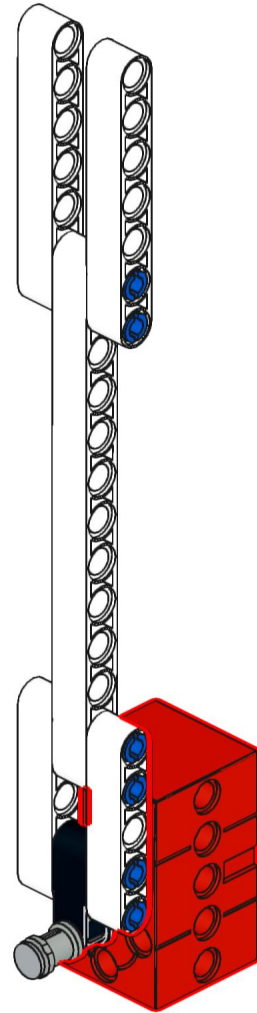


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Connect ordinary motor to
the controller's port M1.

