

PinballNXT

Pinball, NXT style!

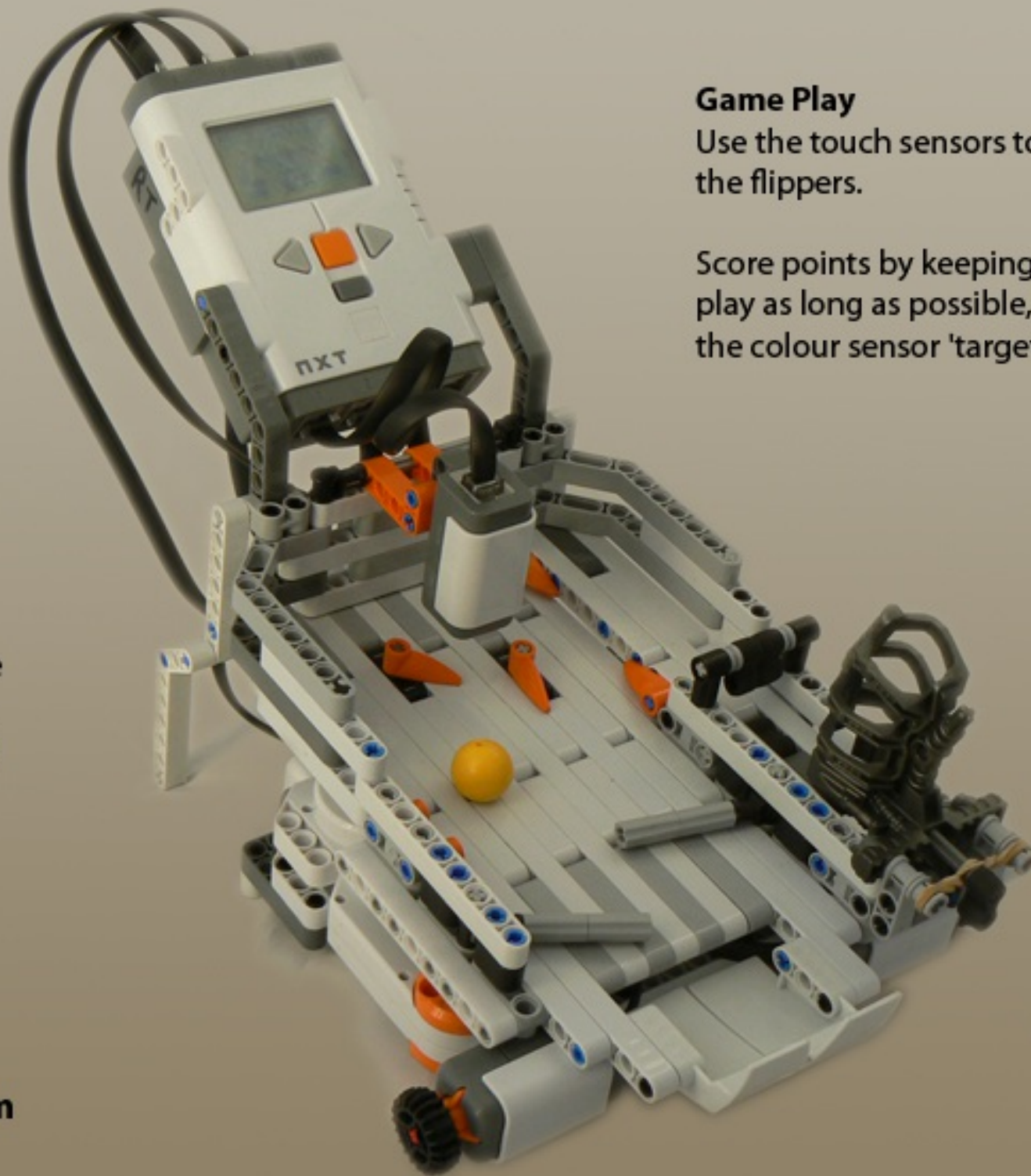
Rob Torok

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This robot (machine, toy?) can be built using only the parts from a single LEGO Mindstorms NXT 2.0 kit (8547) - and a rubber band!

twitter: @robtorok

web: robtorok.blogspot.com

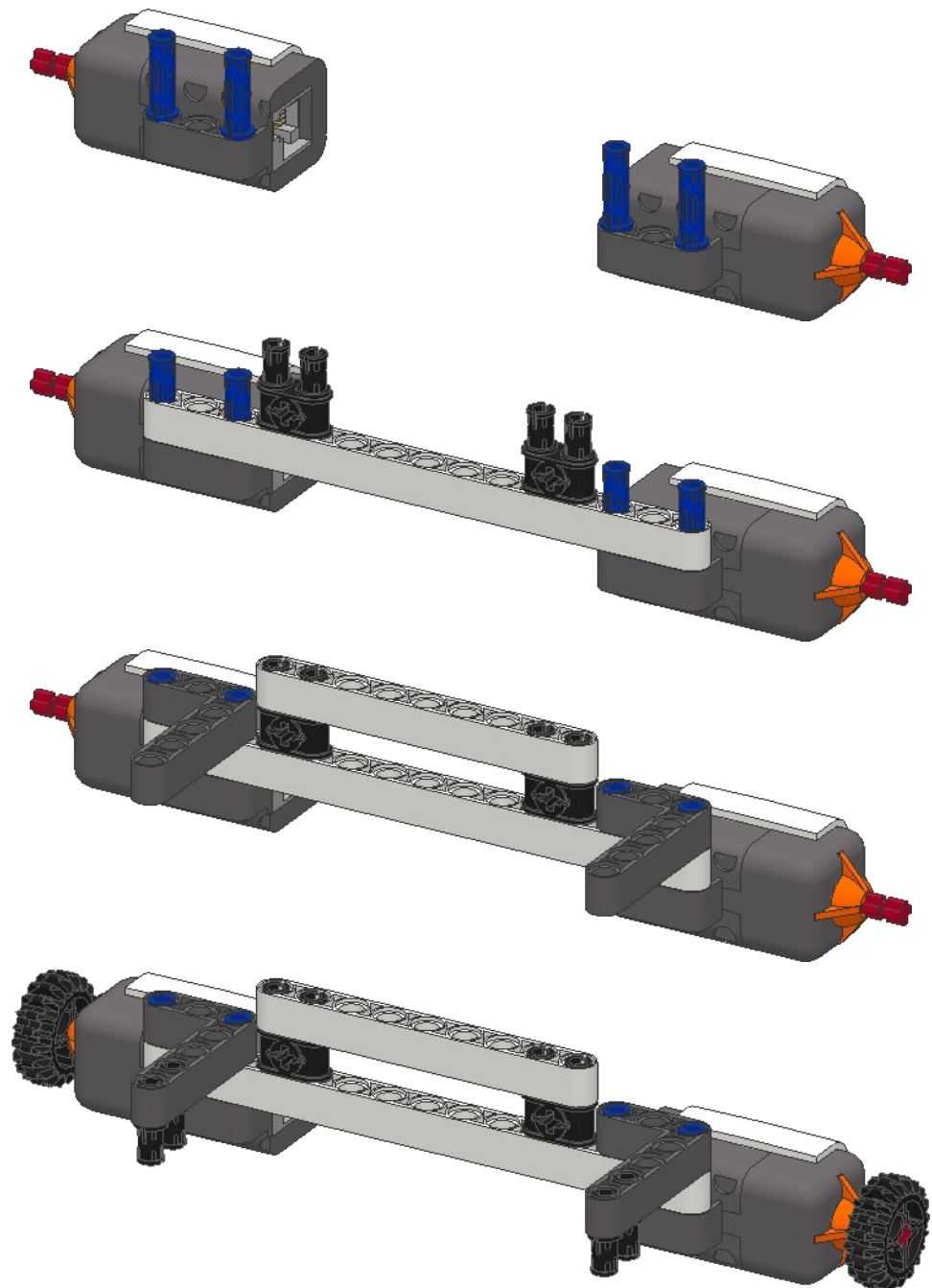
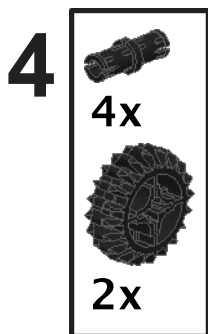
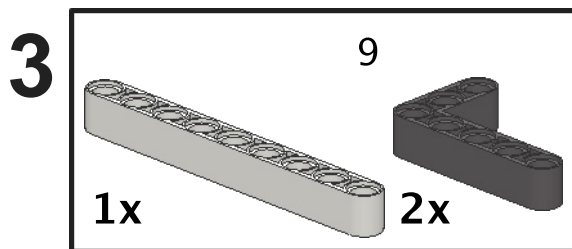
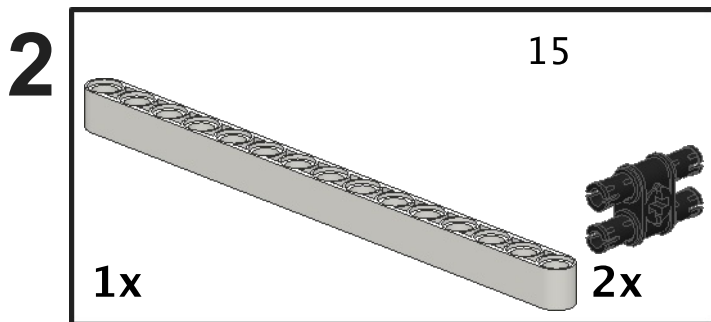
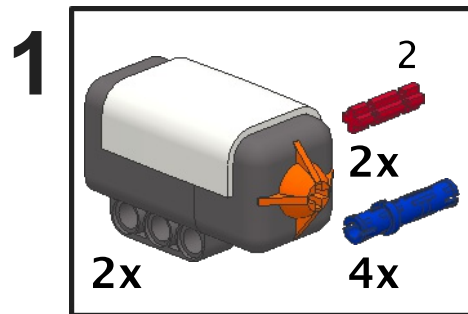


Game Play

Use the touch sensors to activate the flippers.

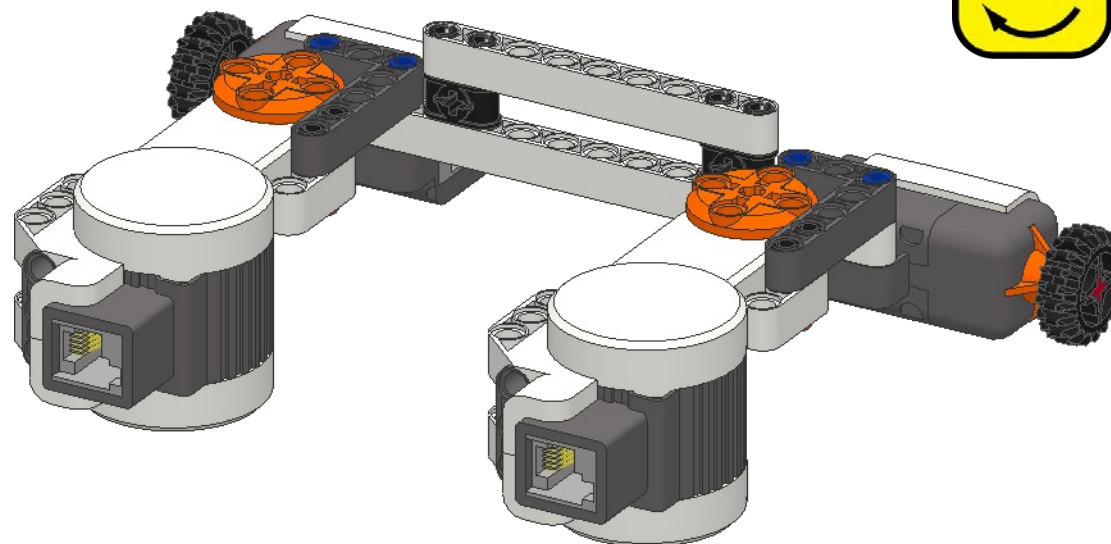
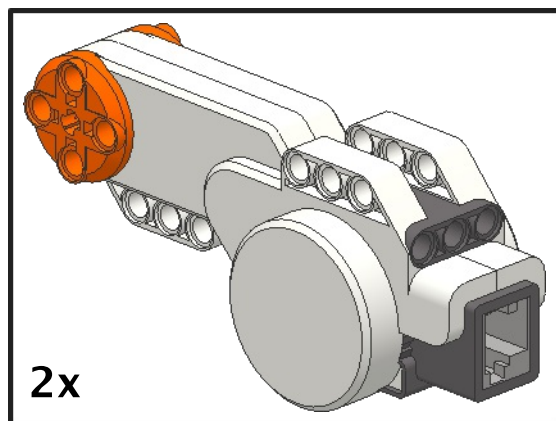
Score points by keeping the ball in play as long as possible, and hitting the colour sensor 'target'.



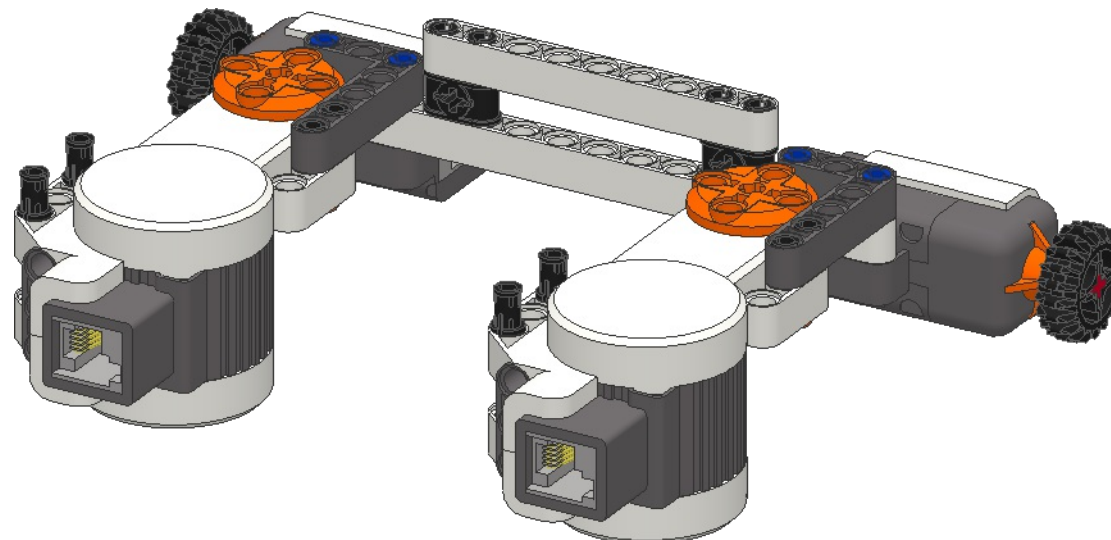


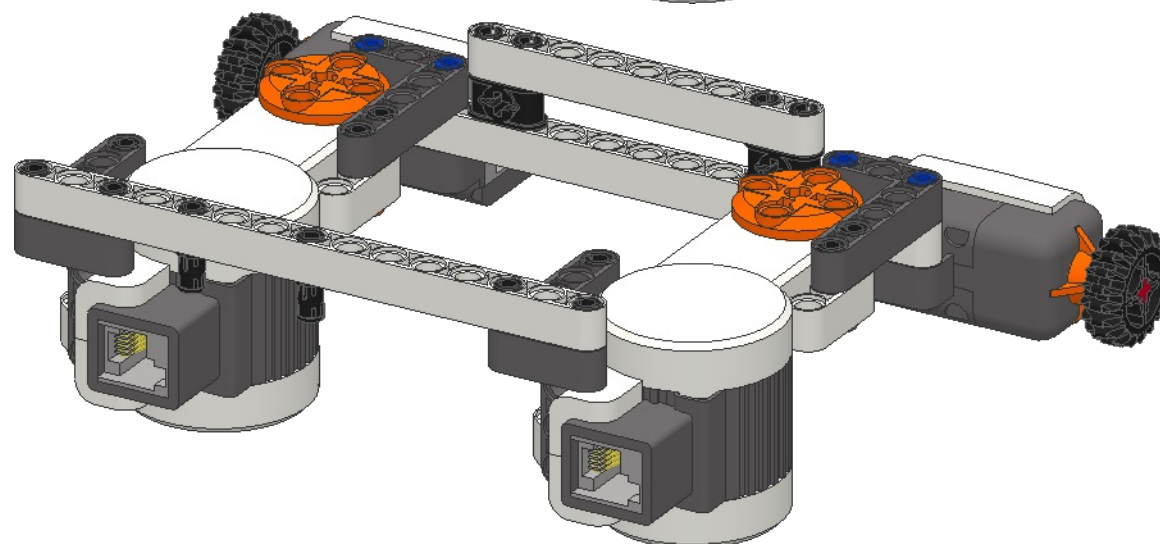
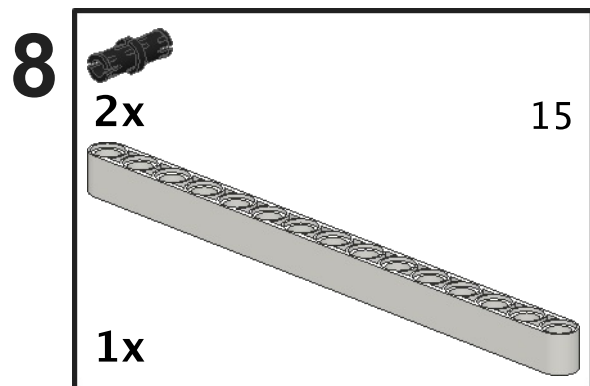
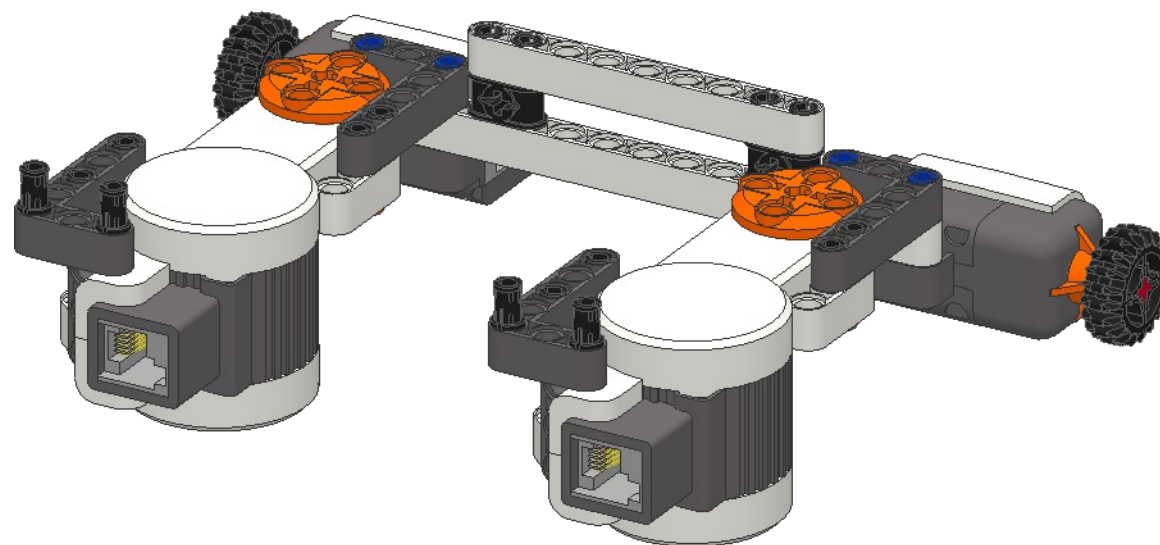
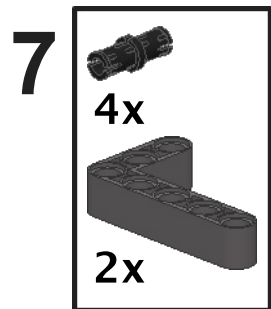


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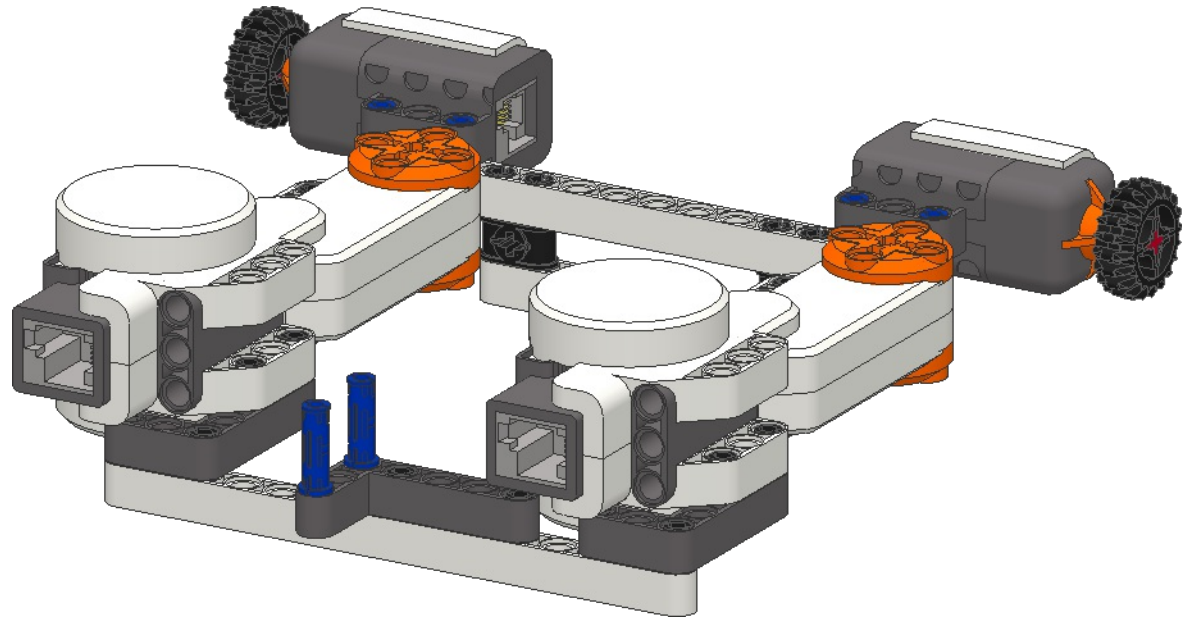
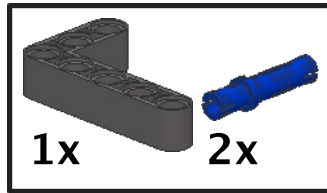


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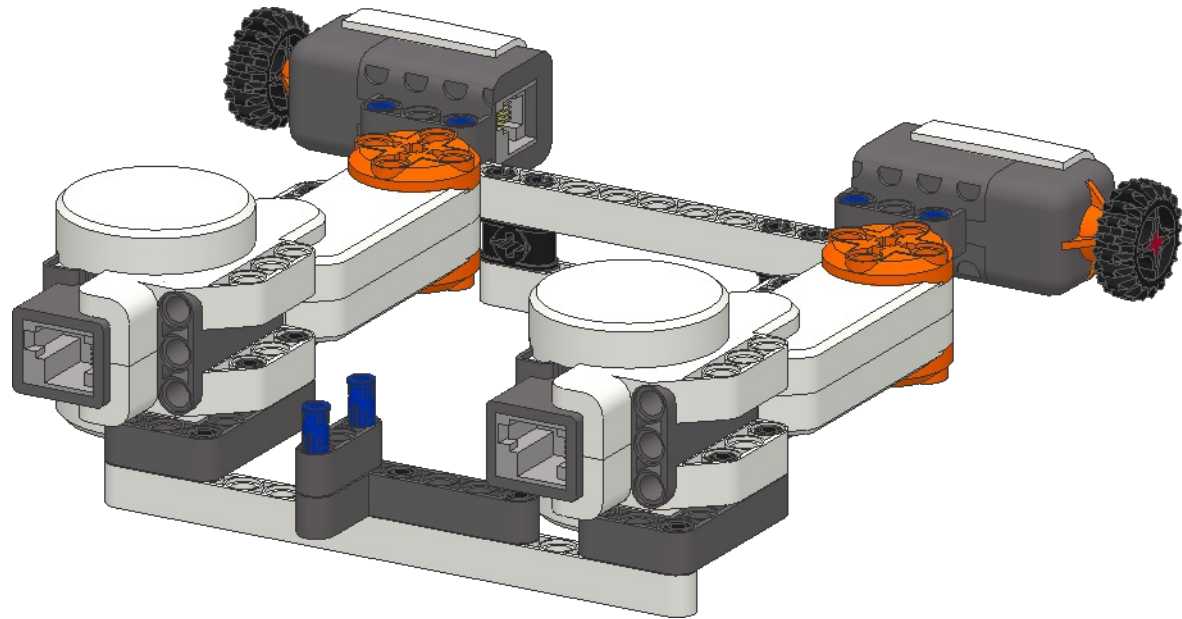
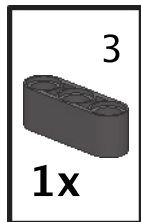




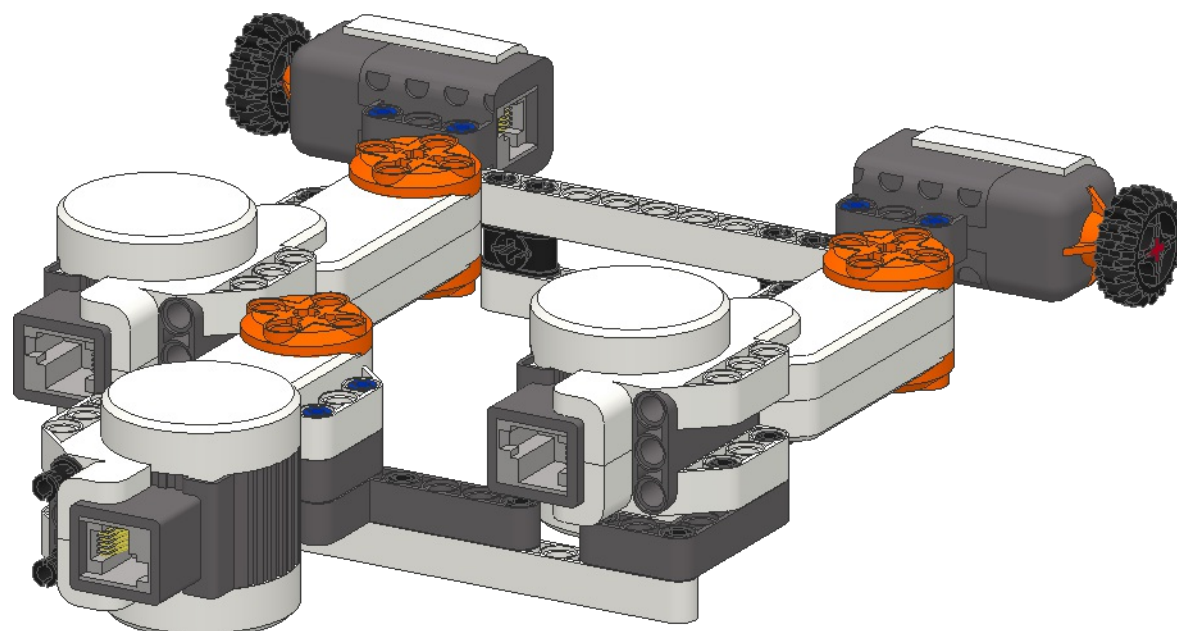
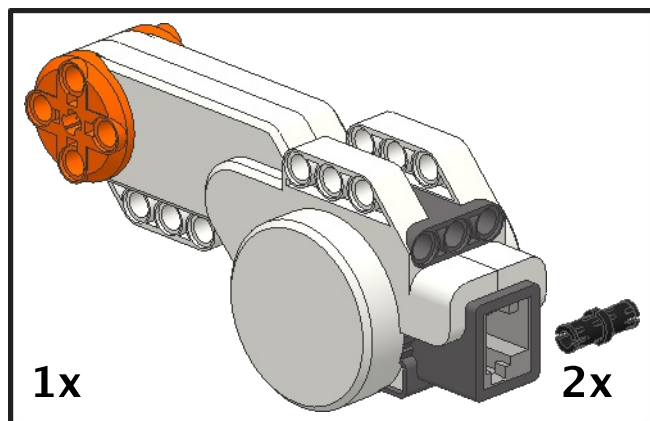
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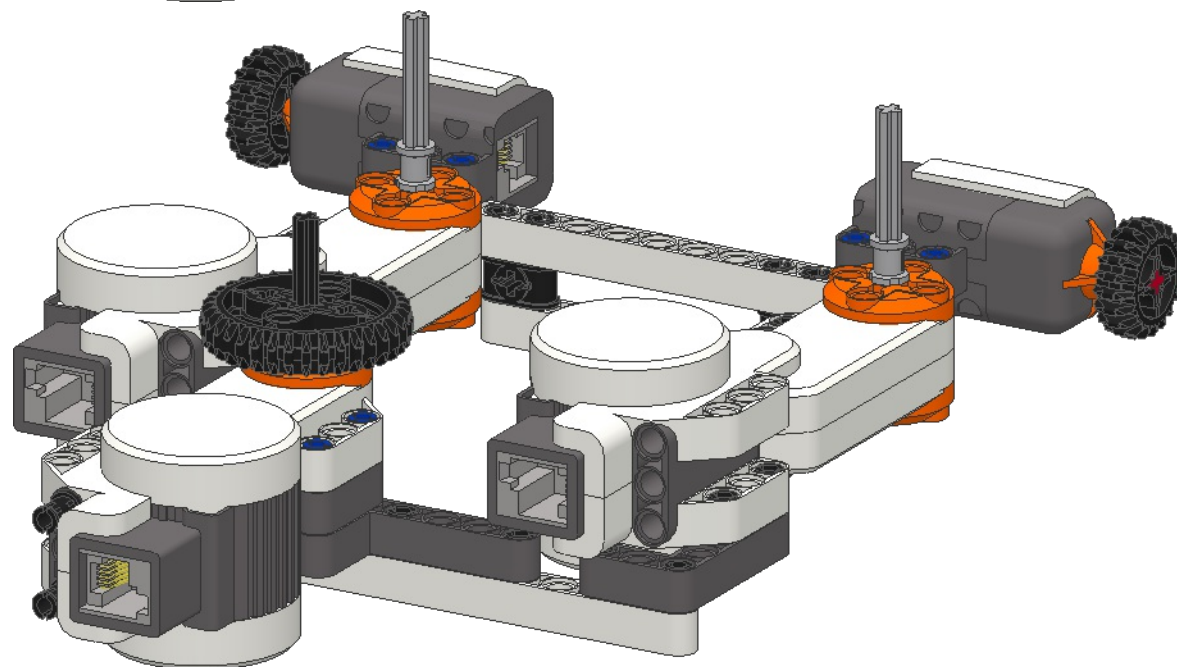
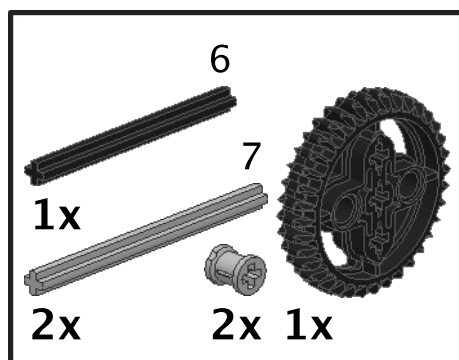
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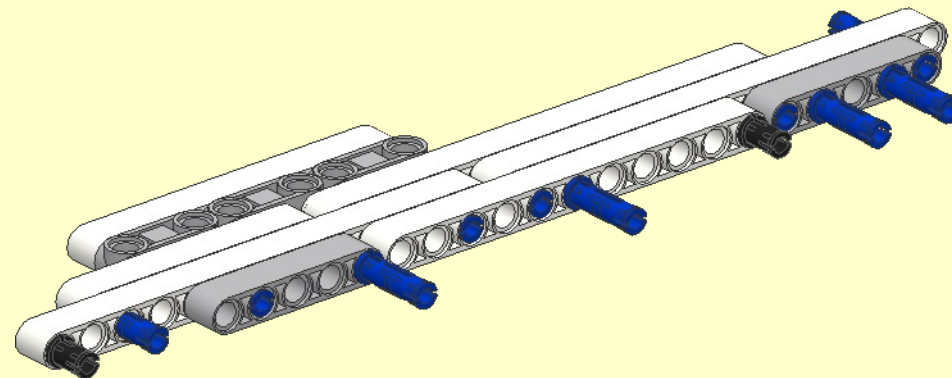
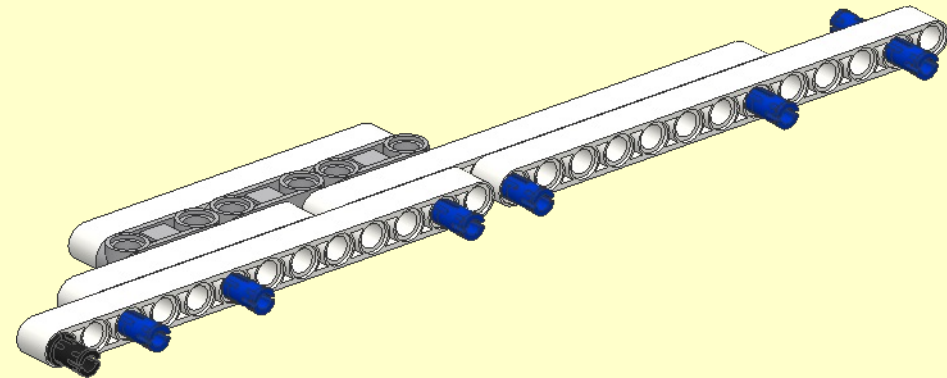
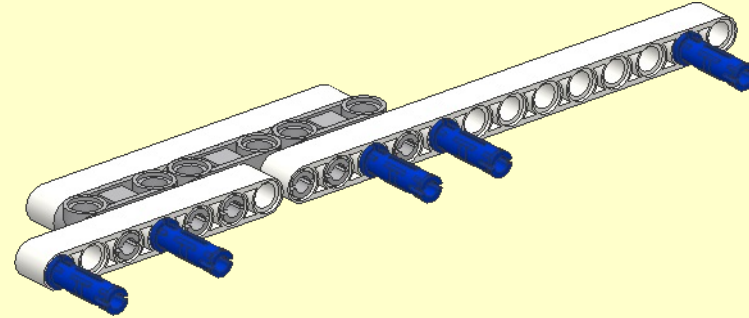
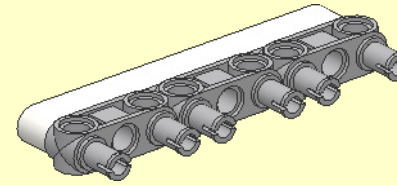
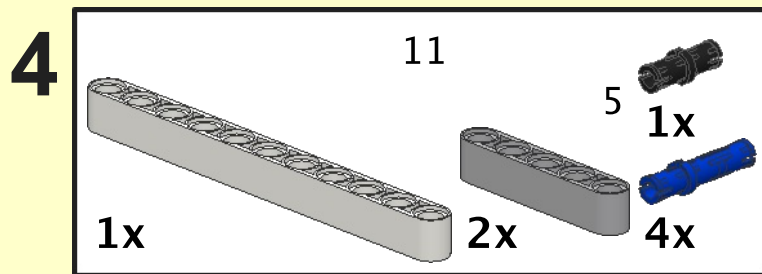
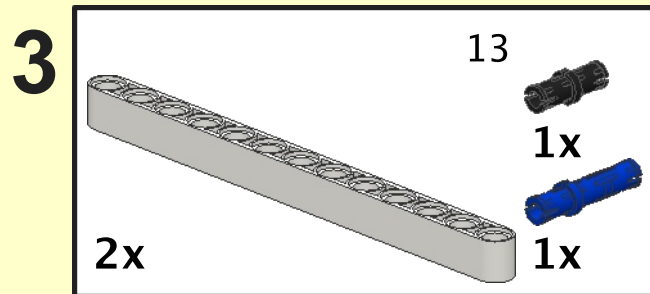
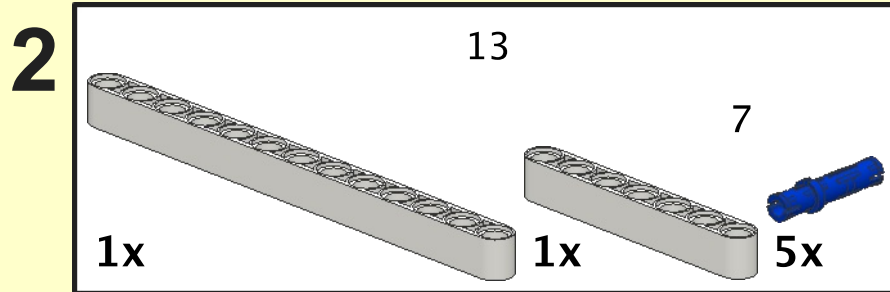
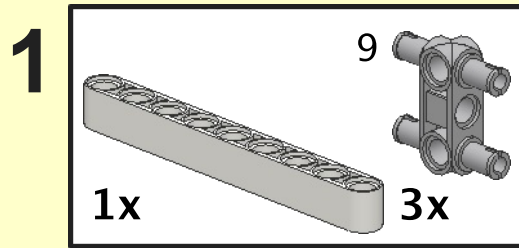


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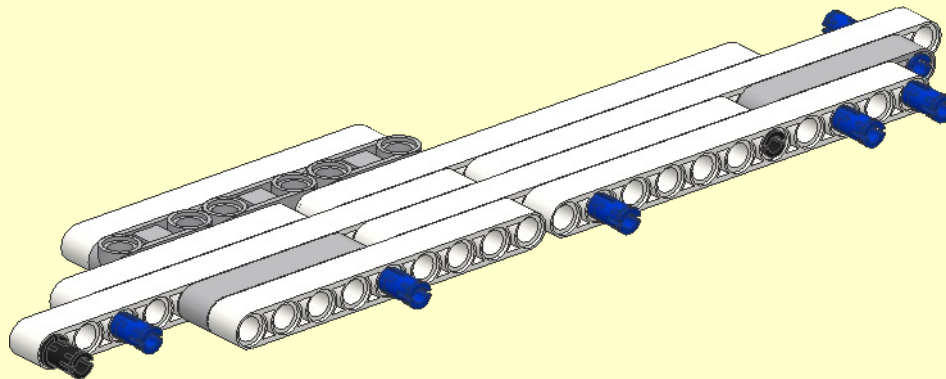
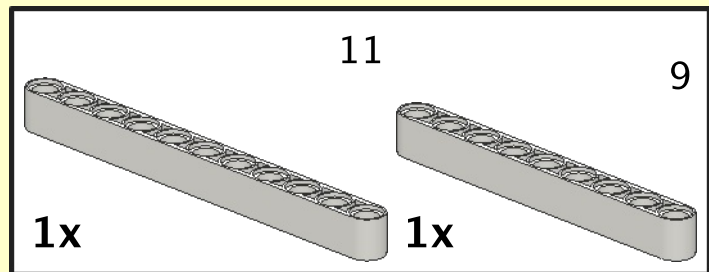


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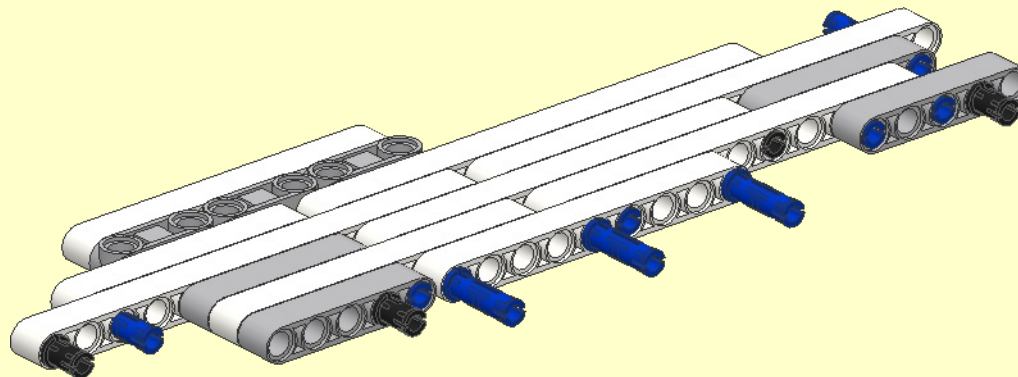
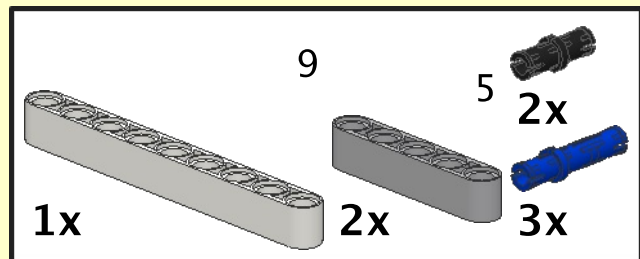




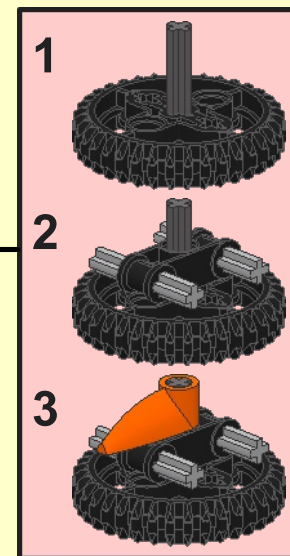
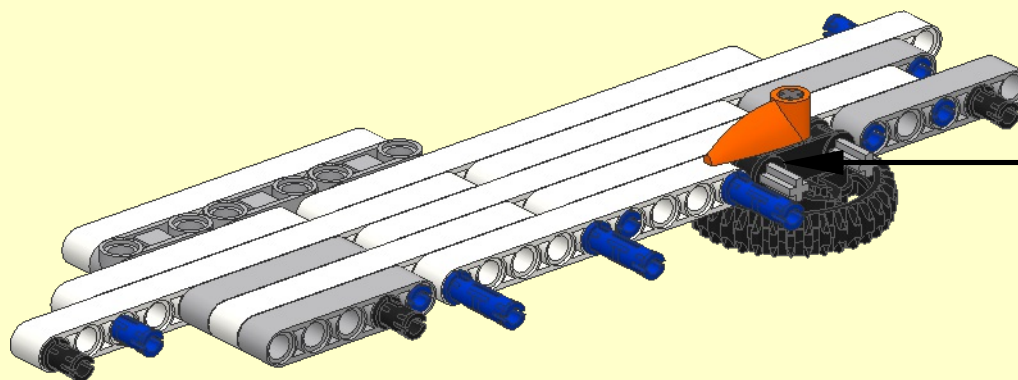
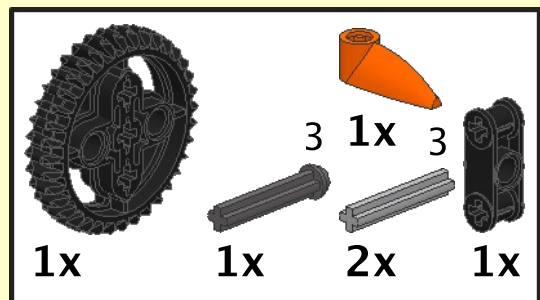
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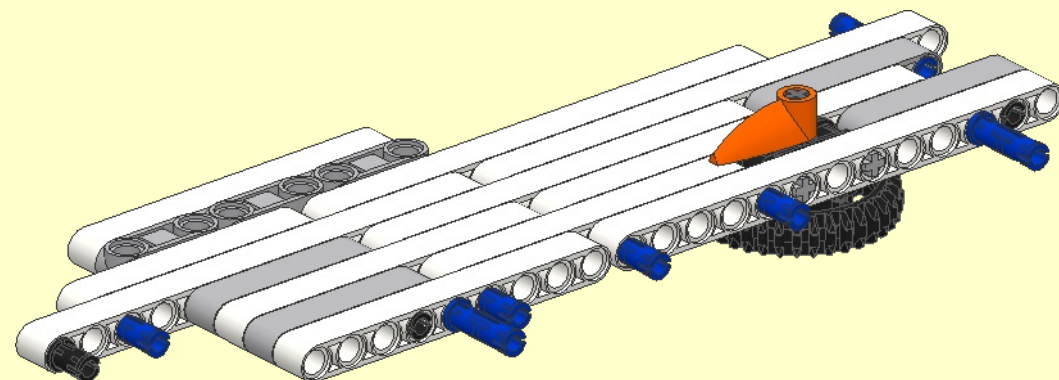
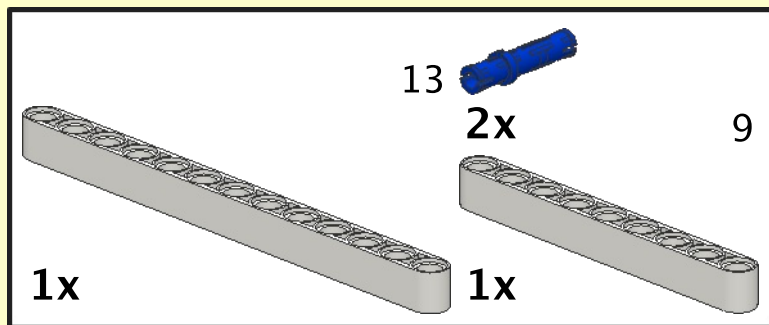
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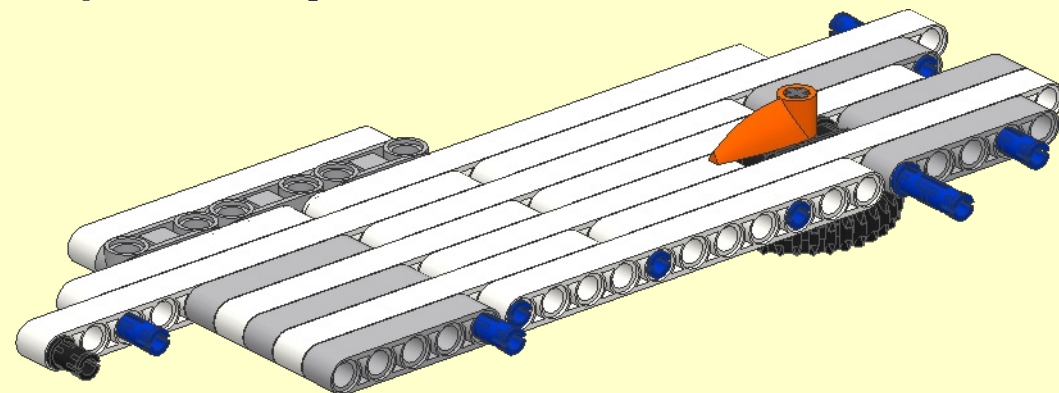
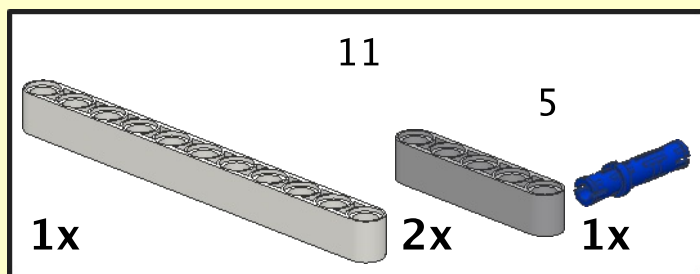
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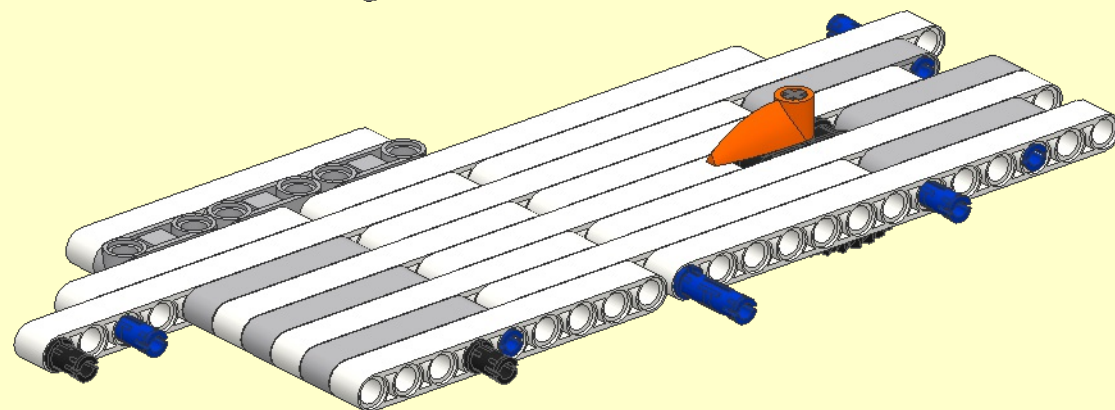
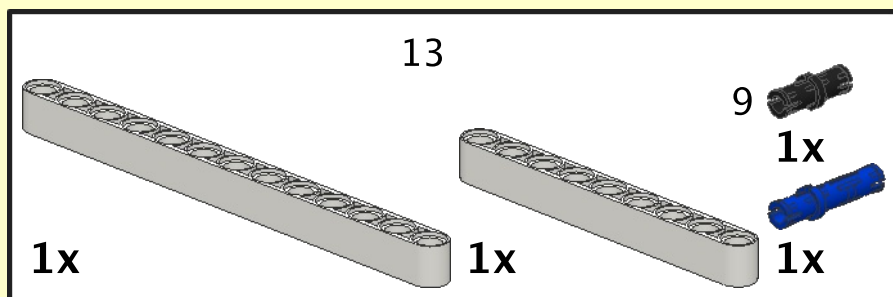
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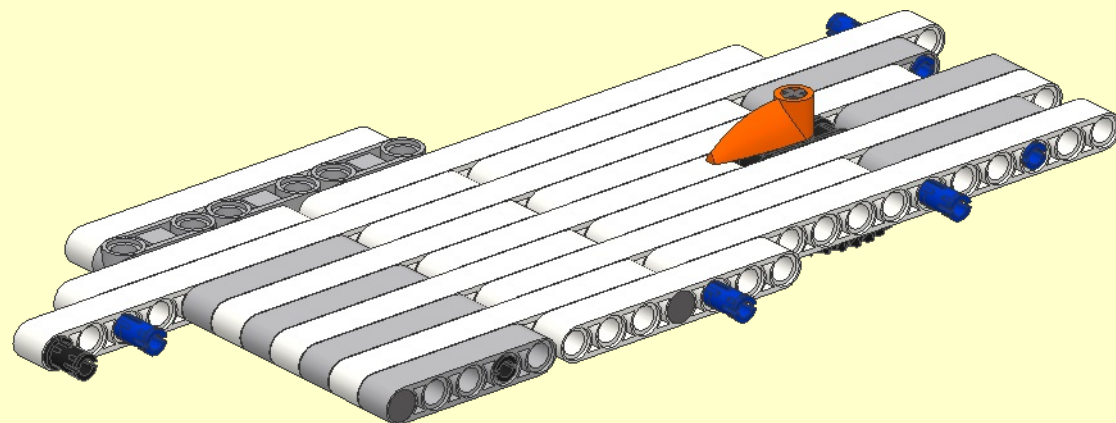
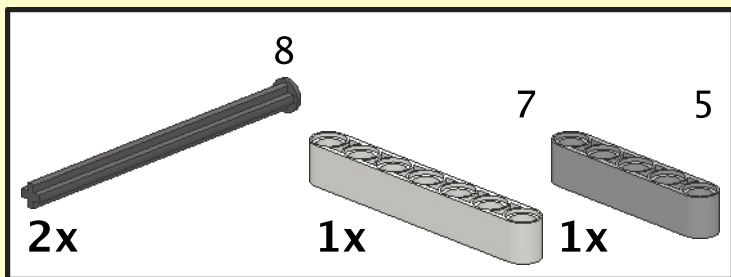
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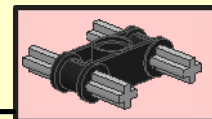
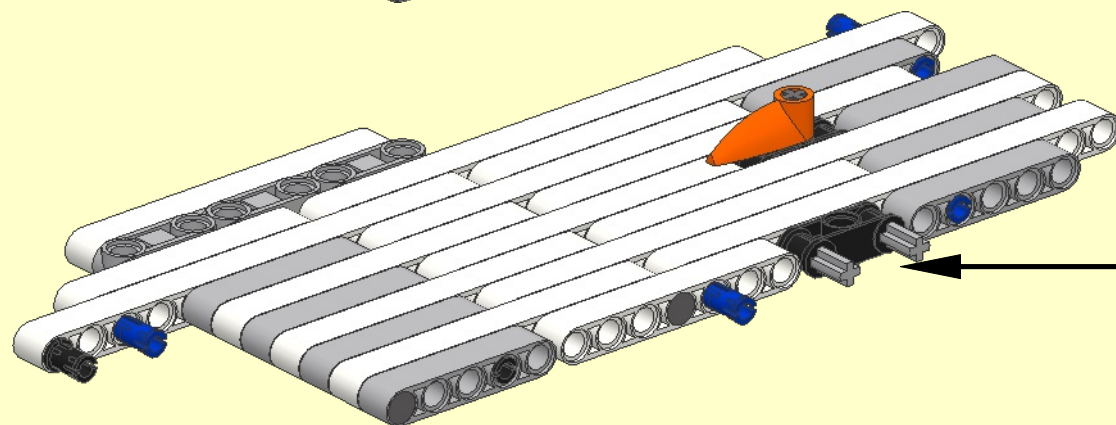
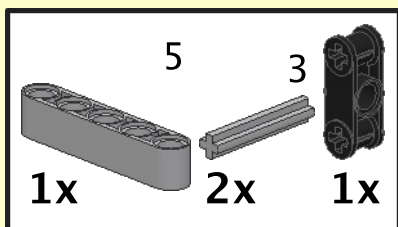
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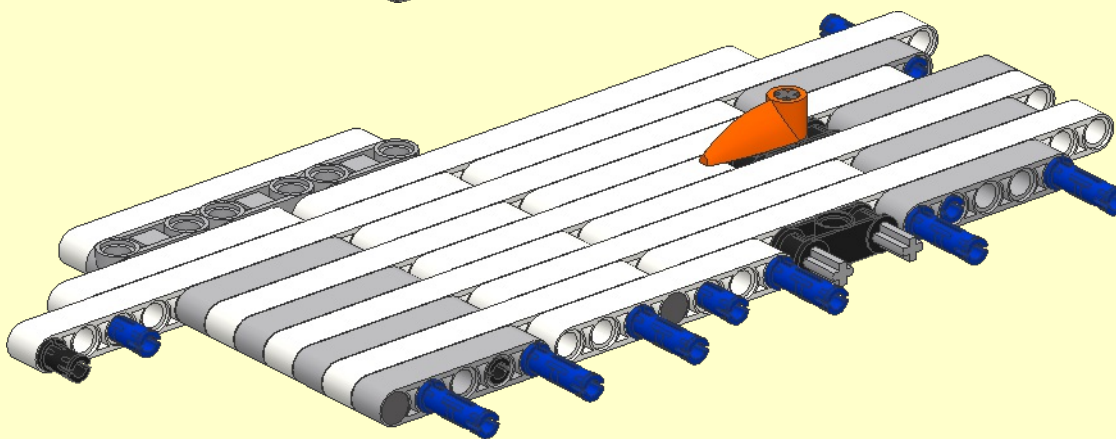
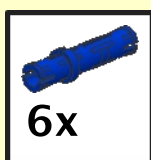
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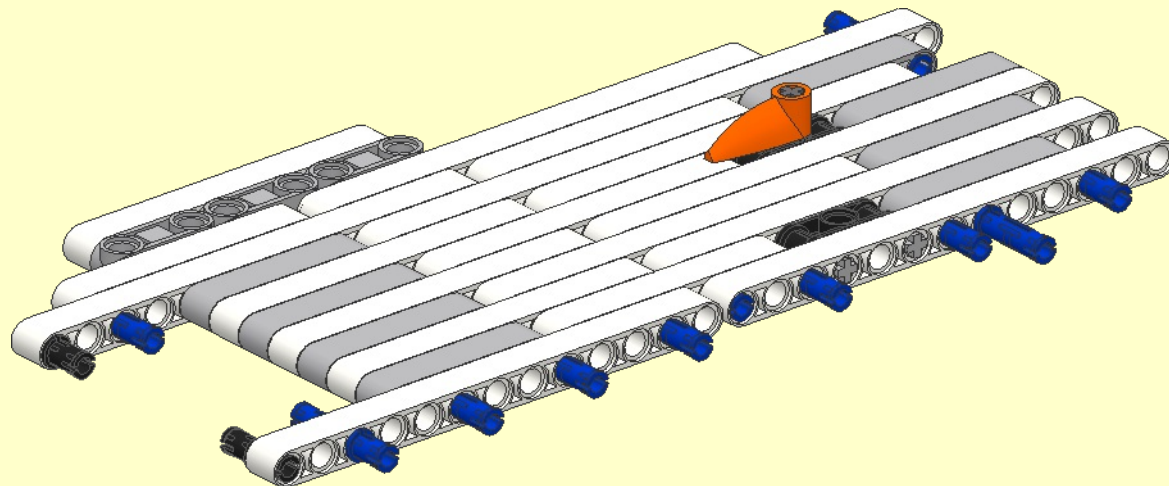
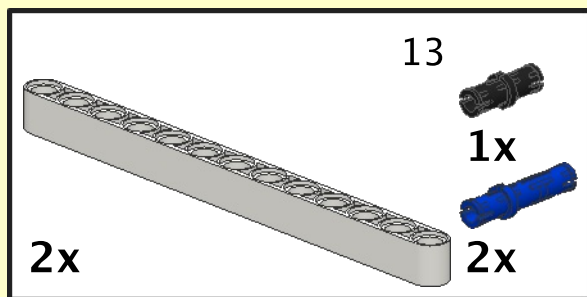
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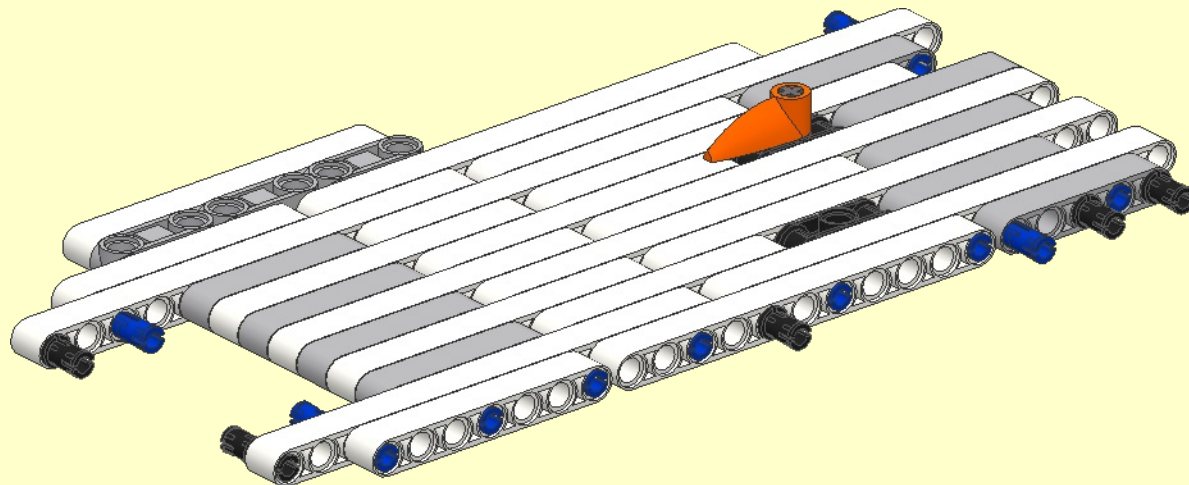
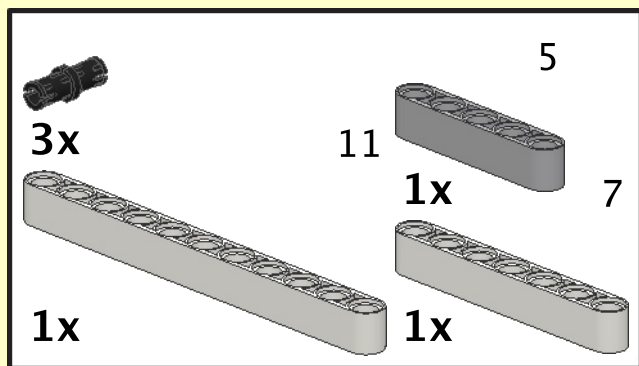
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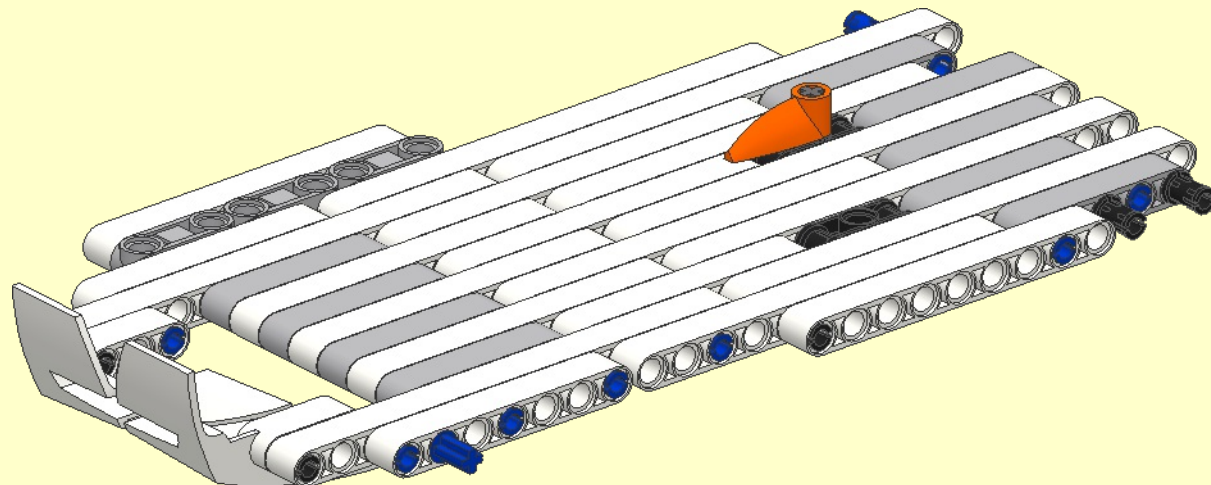
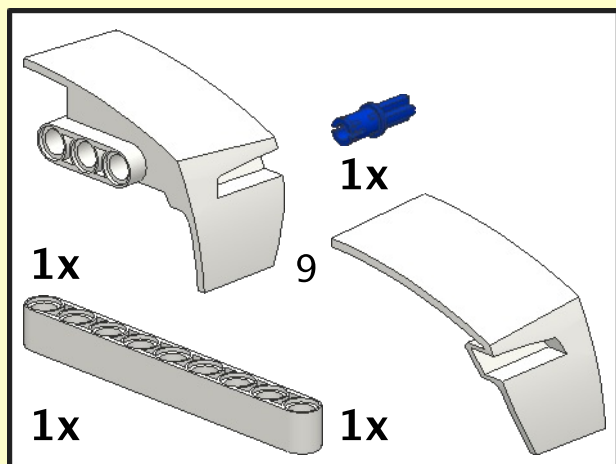
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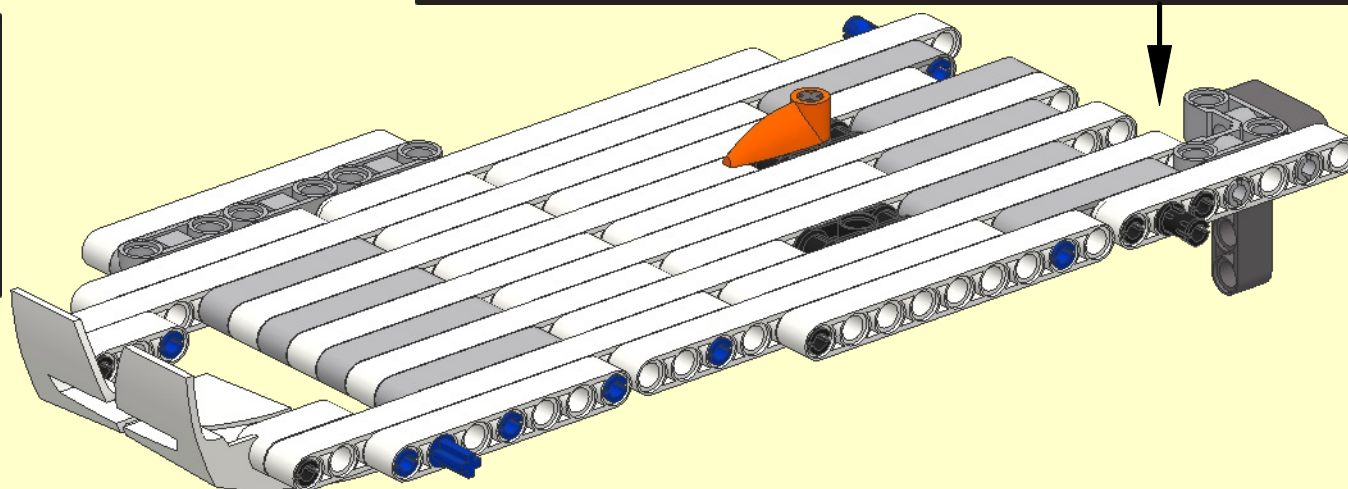
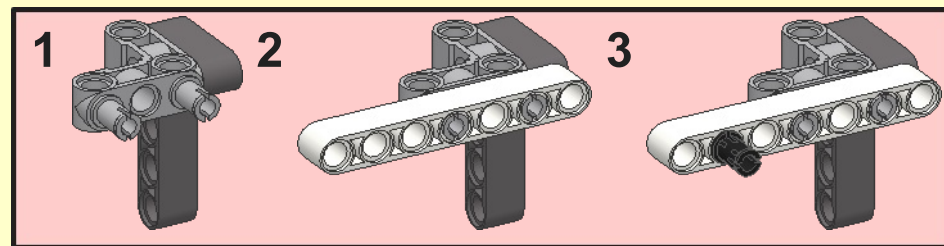
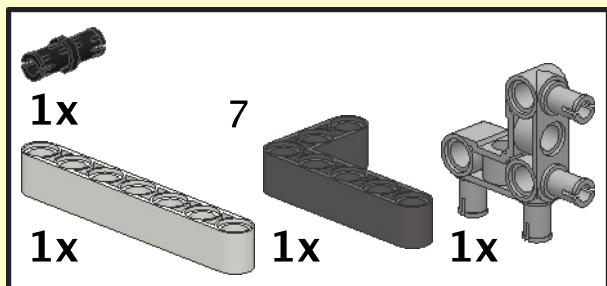
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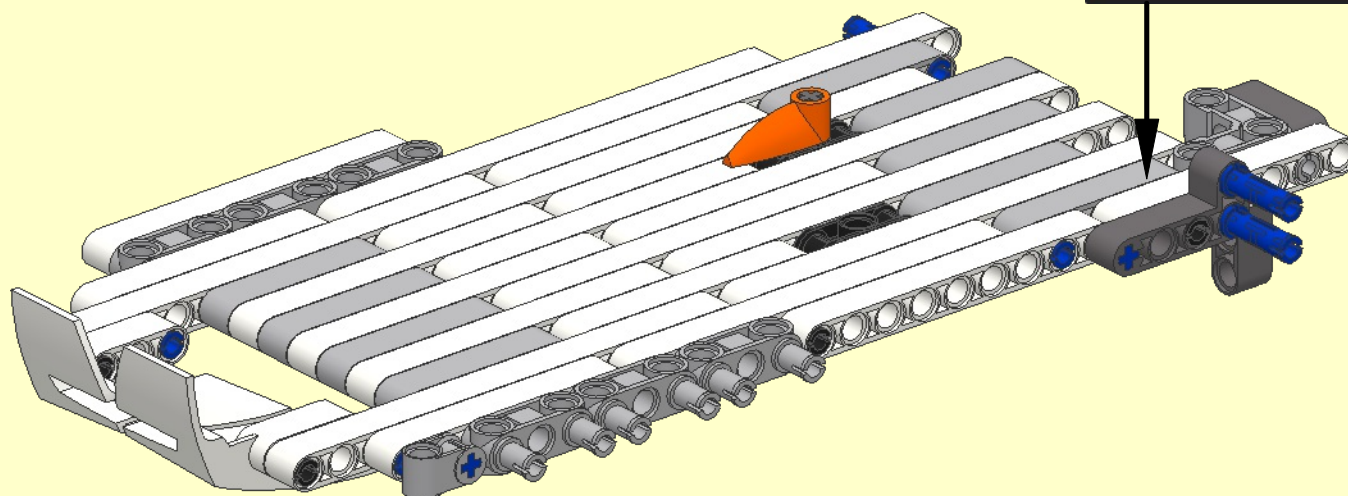
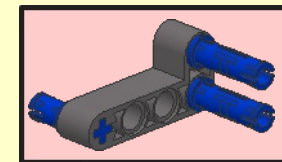
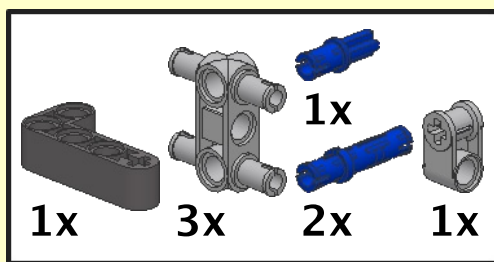
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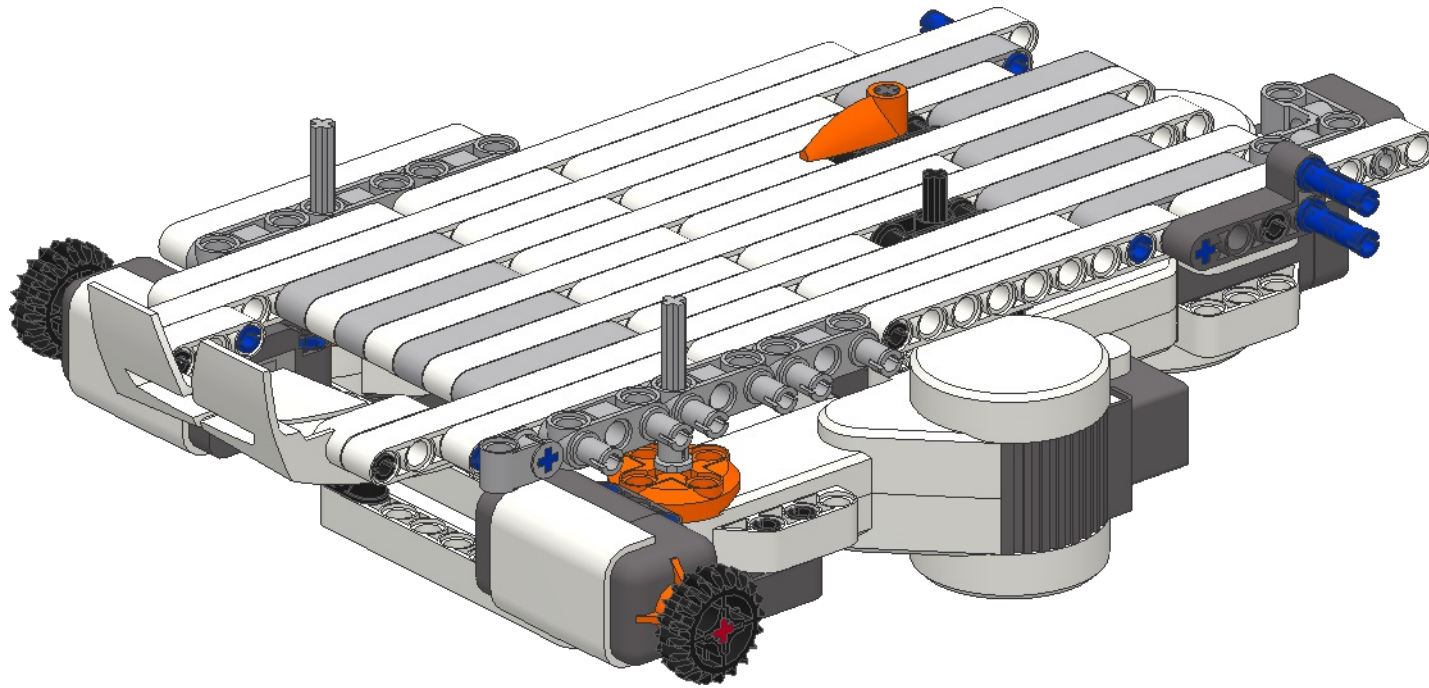


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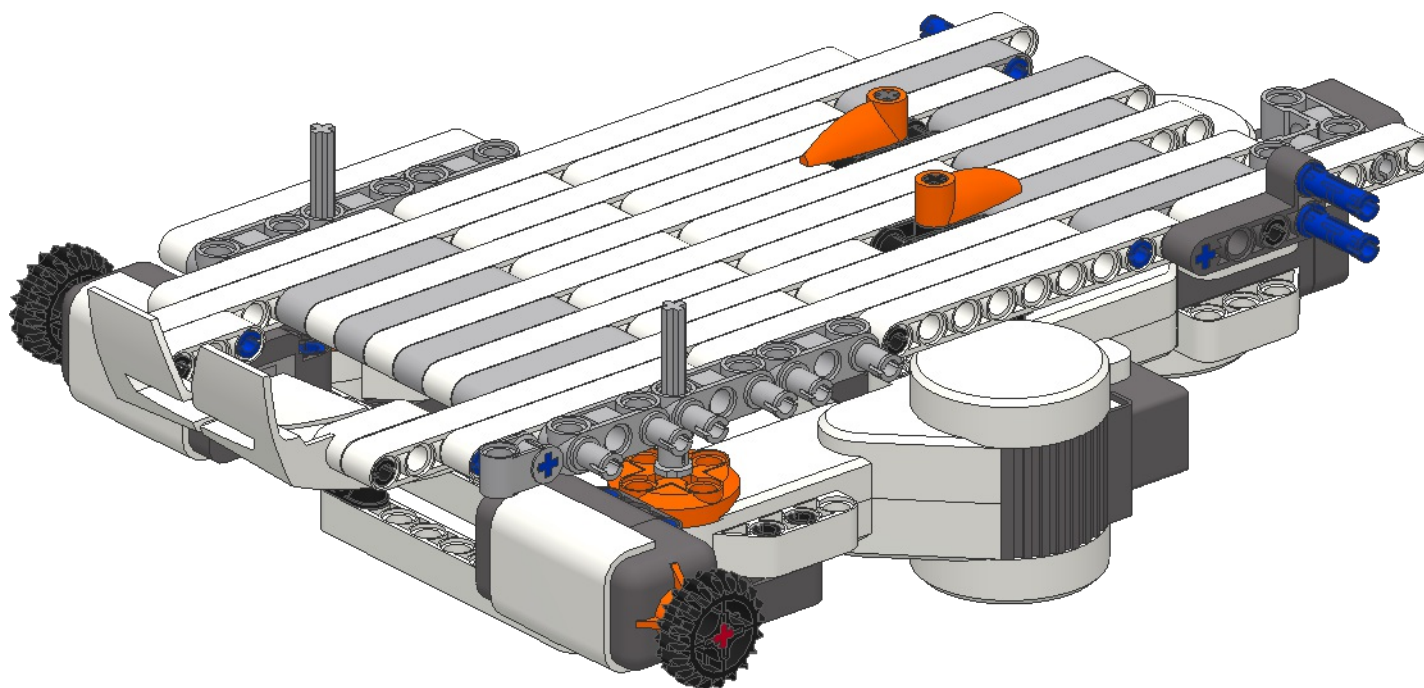
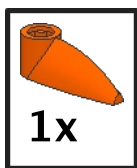


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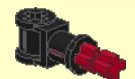
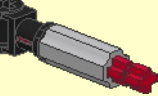
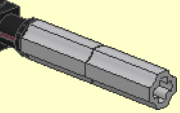
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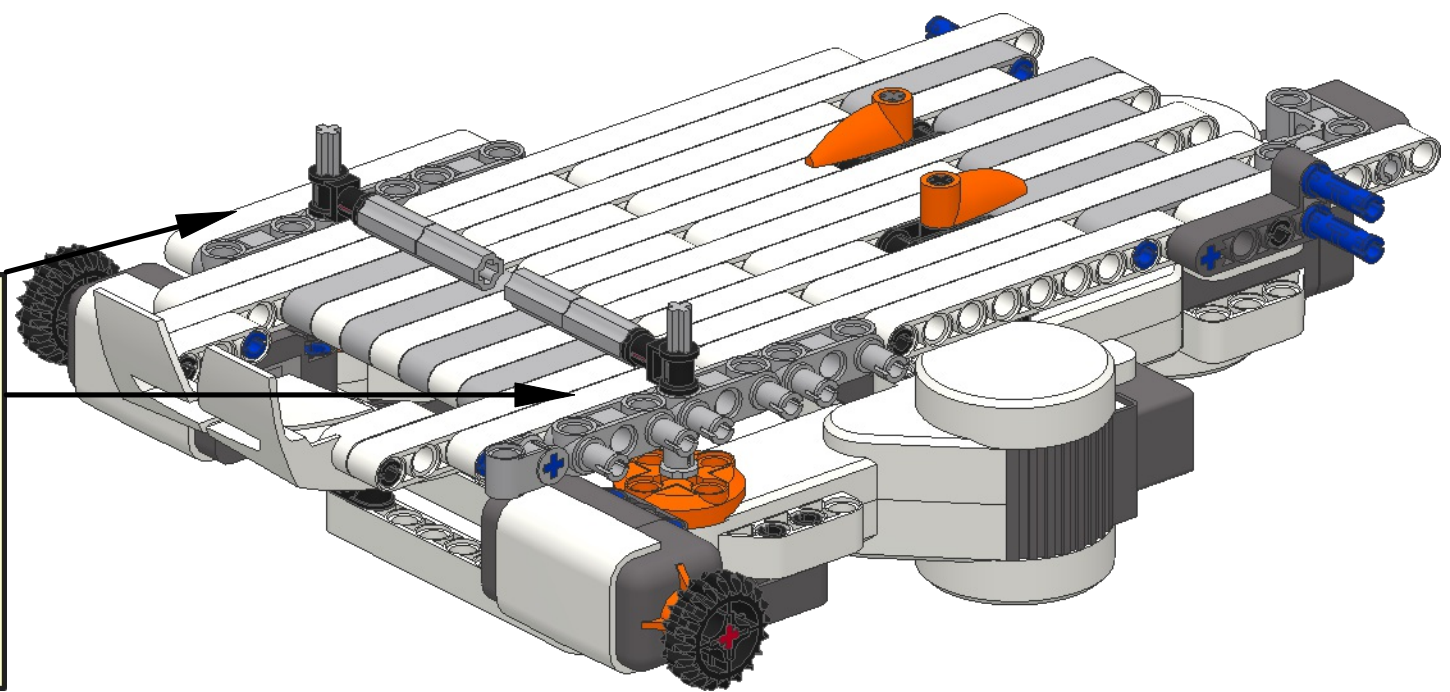
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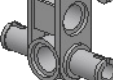
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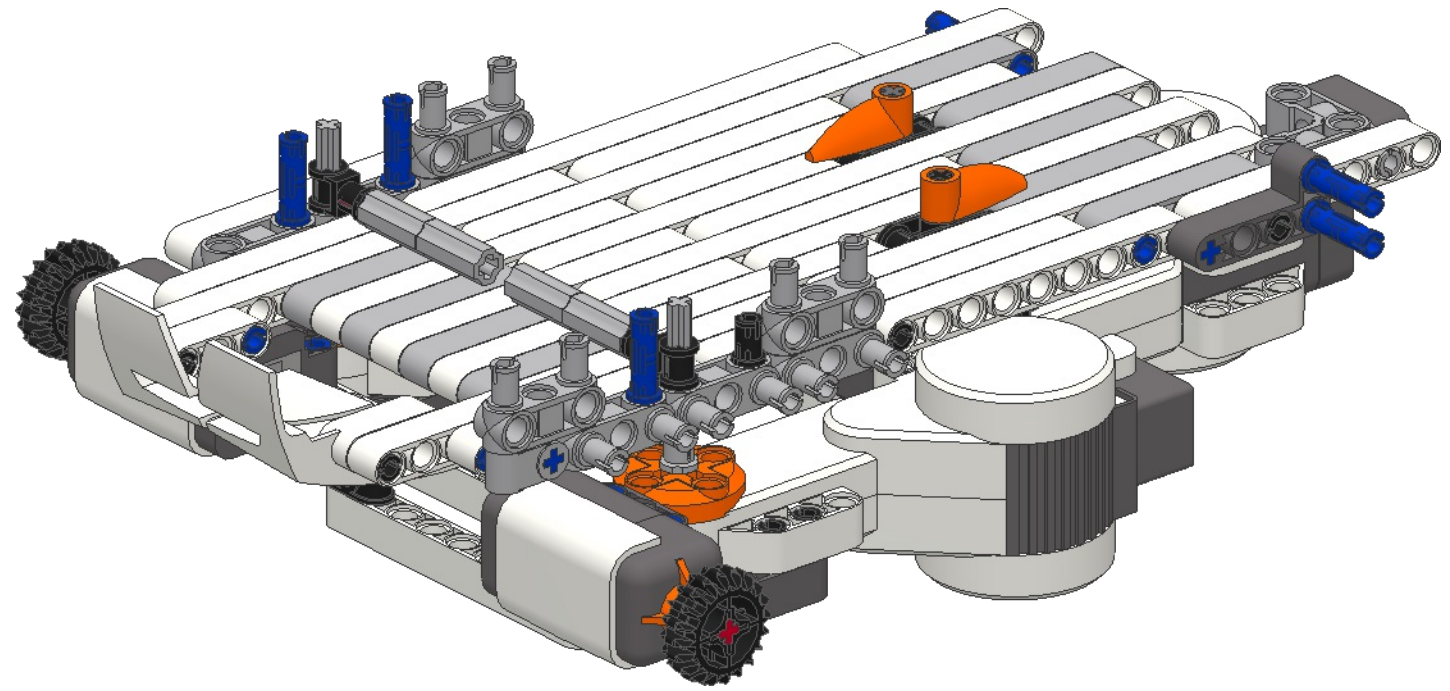


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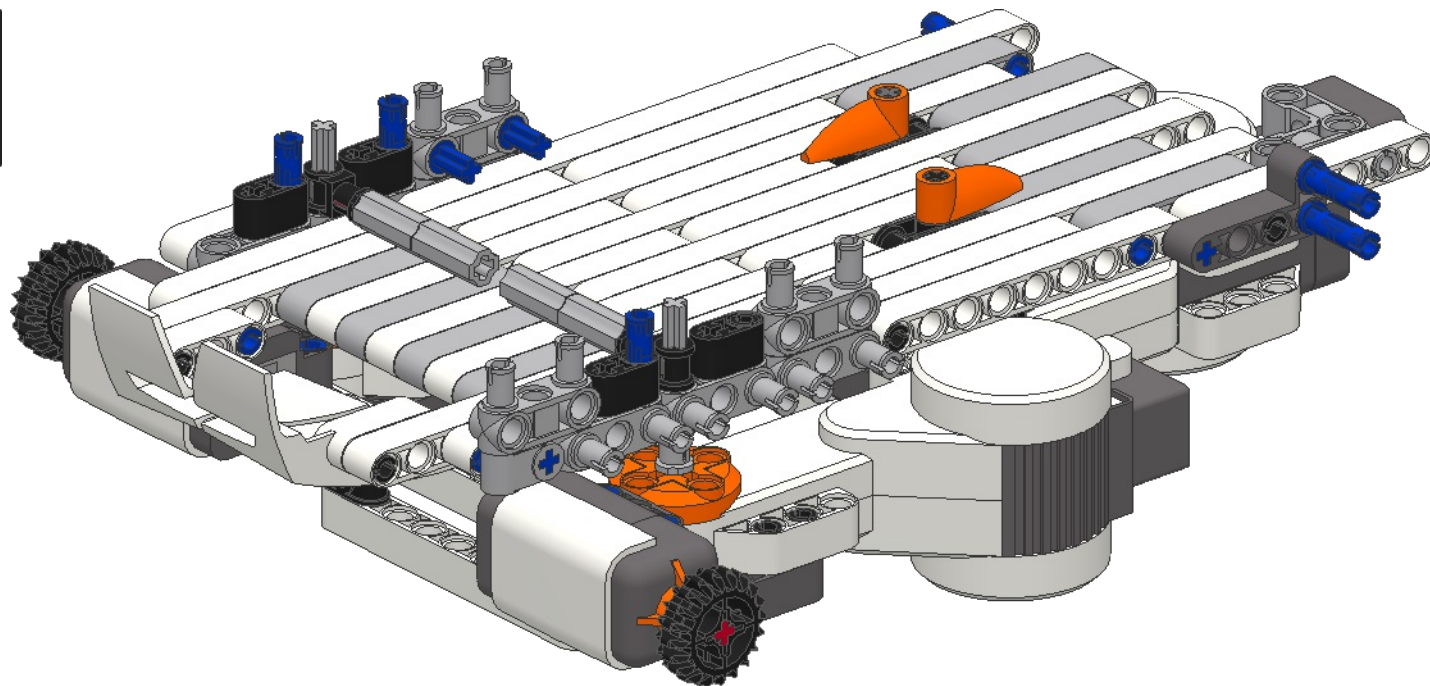
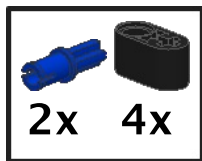
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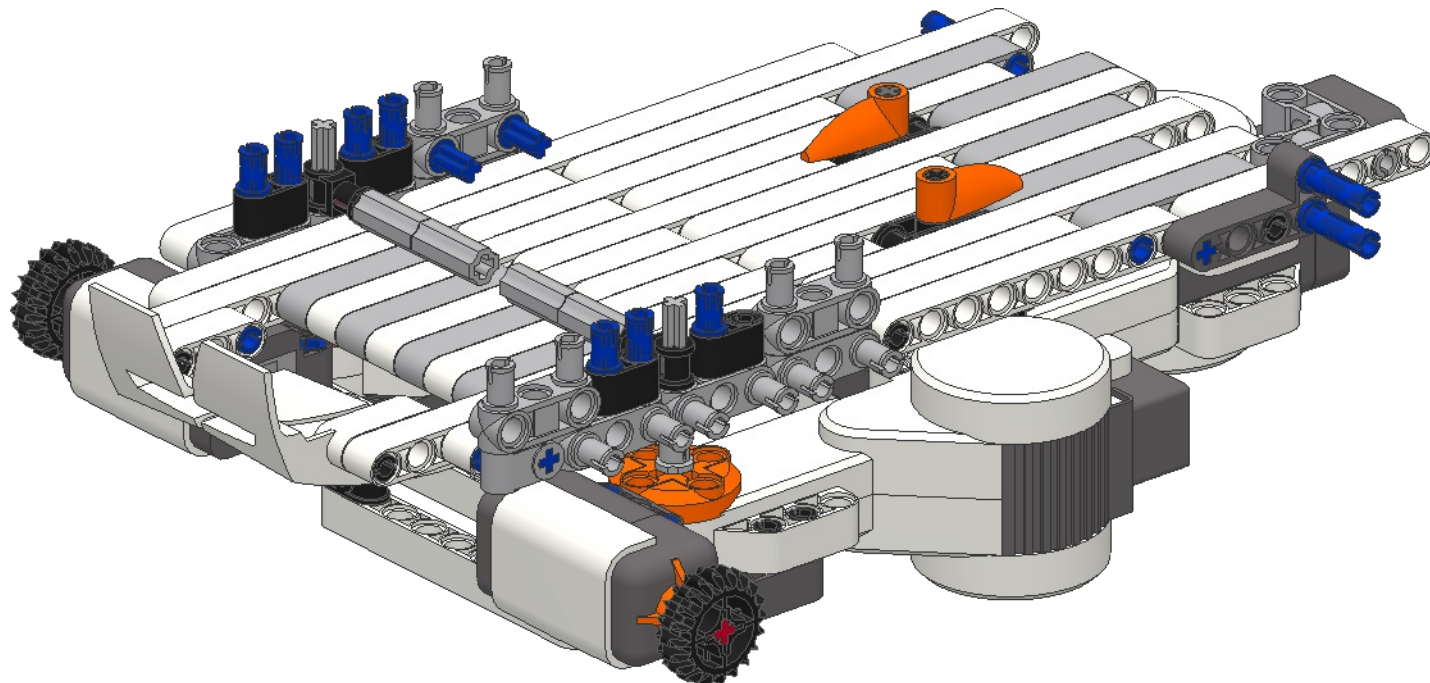
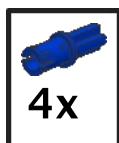
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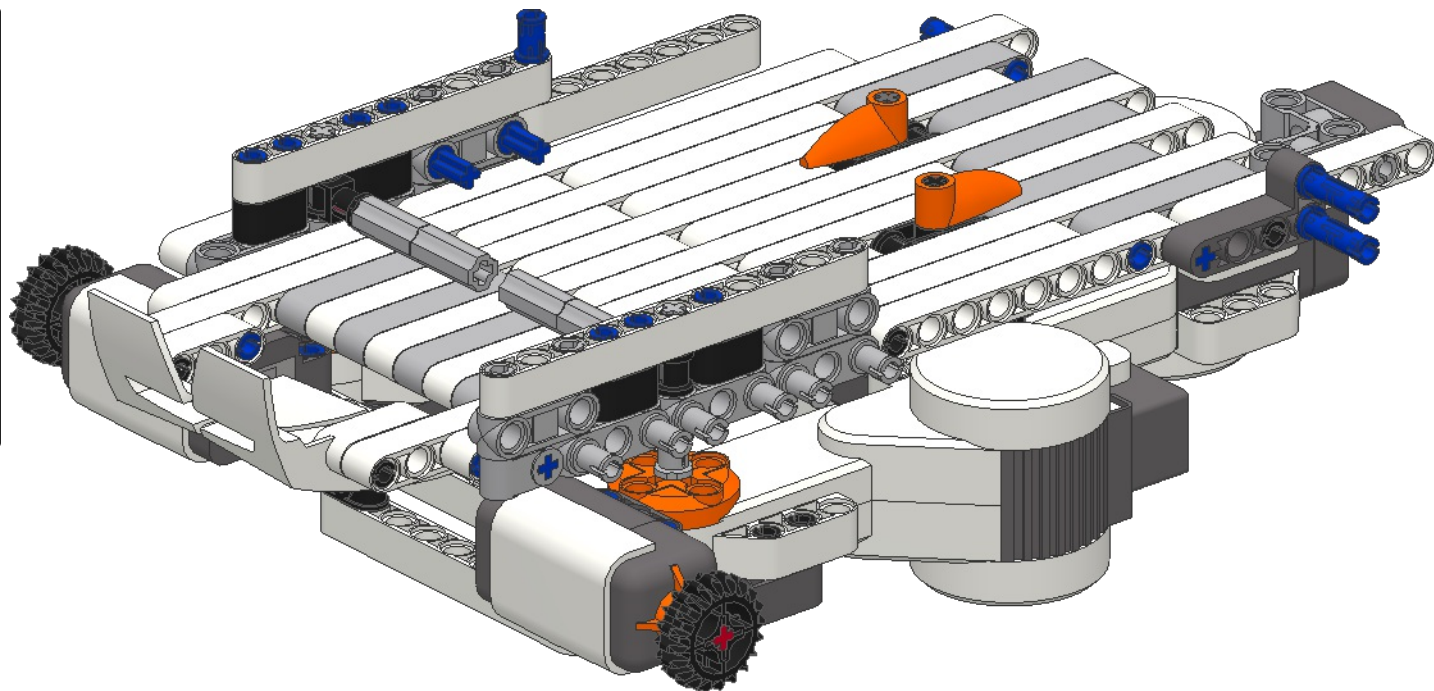
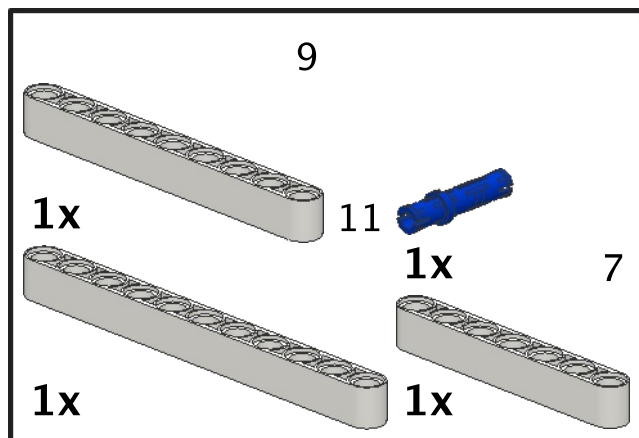
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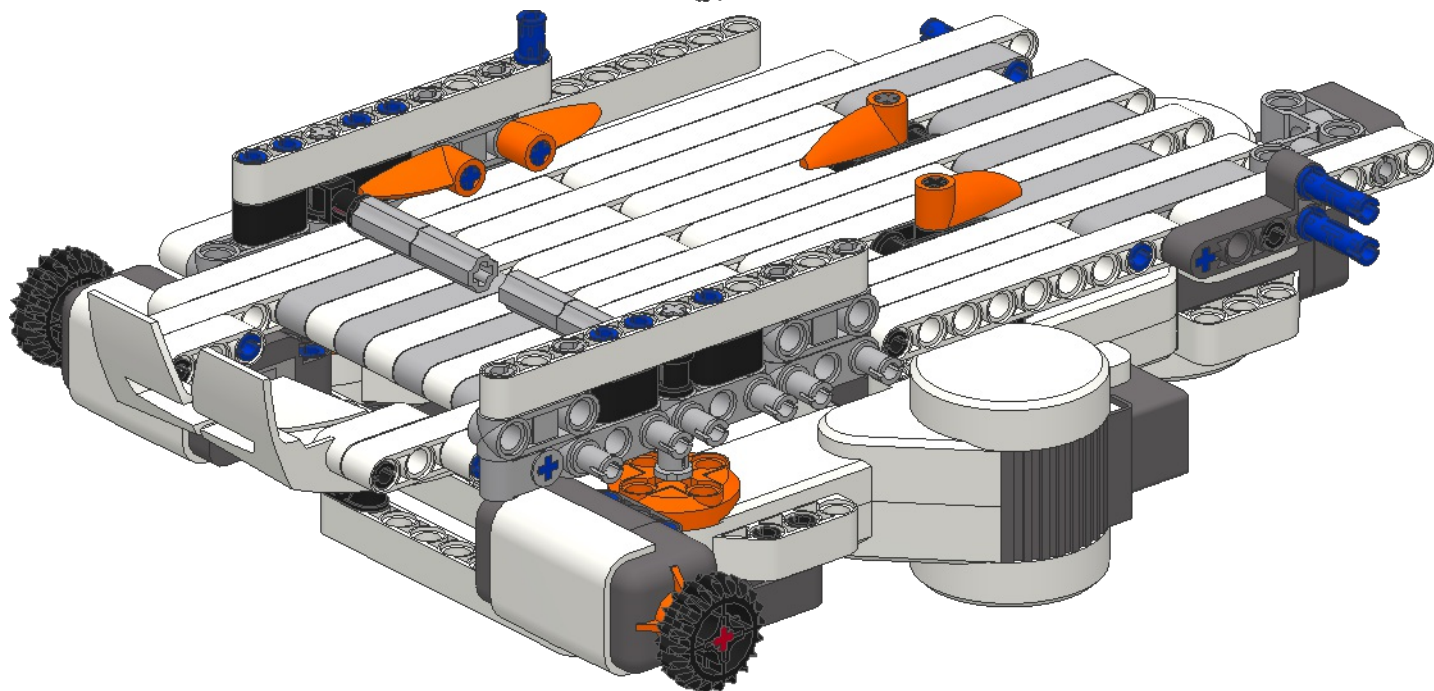
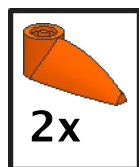
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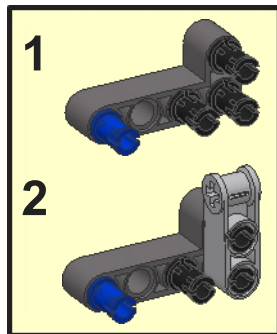
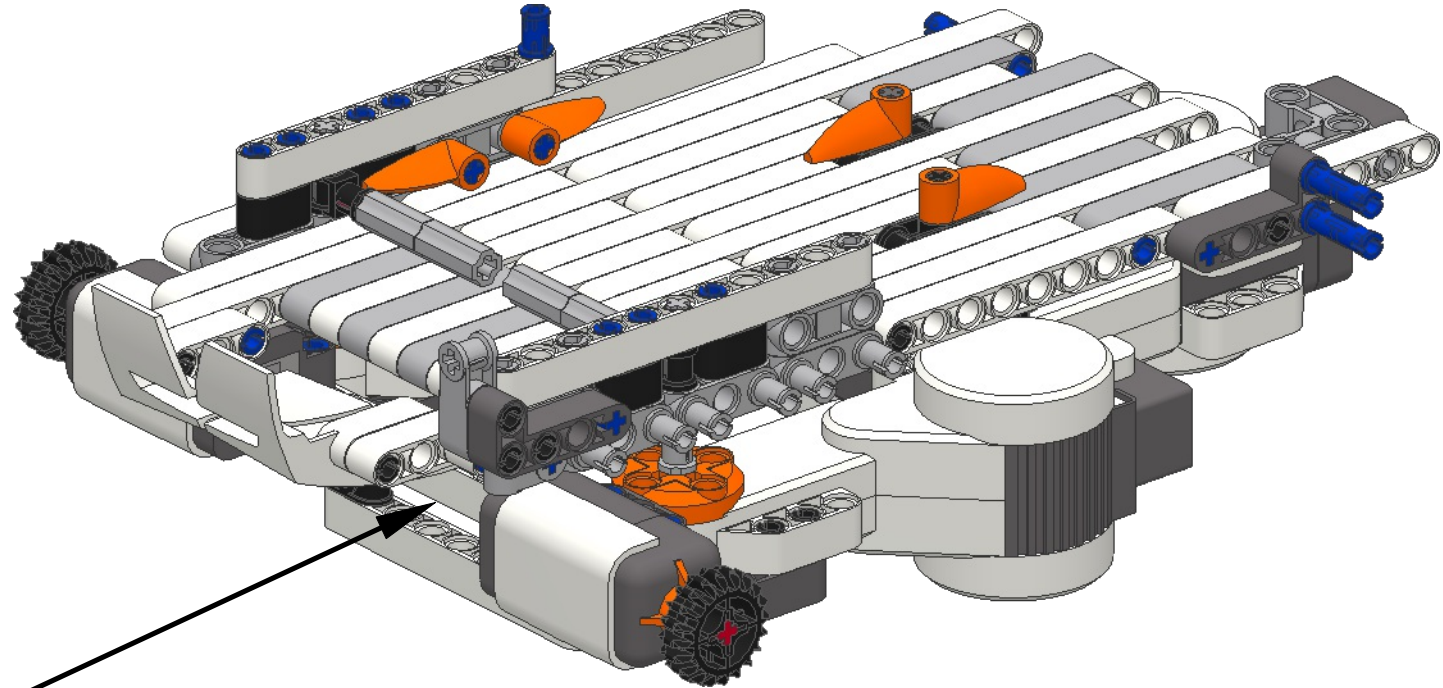
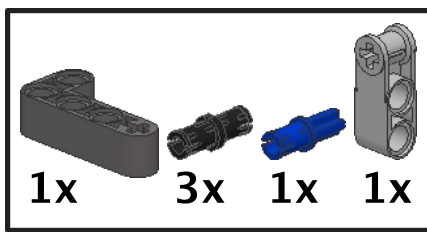
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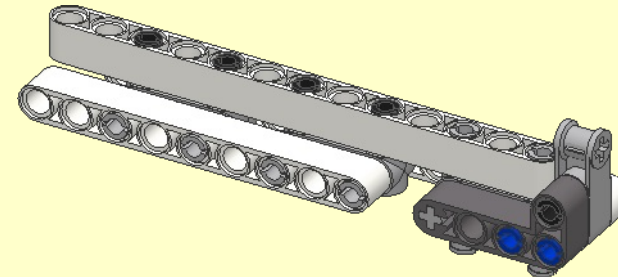
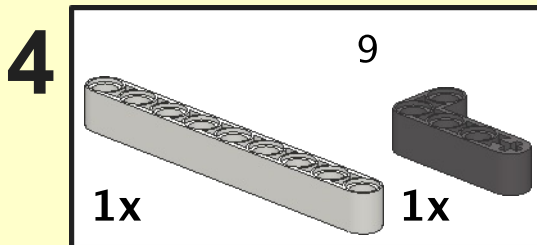
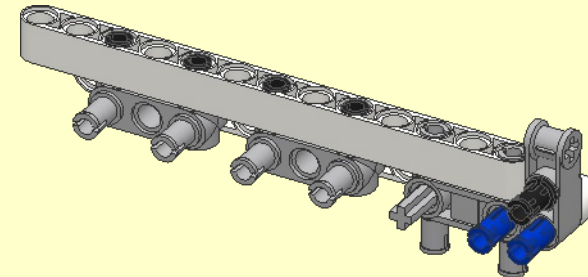
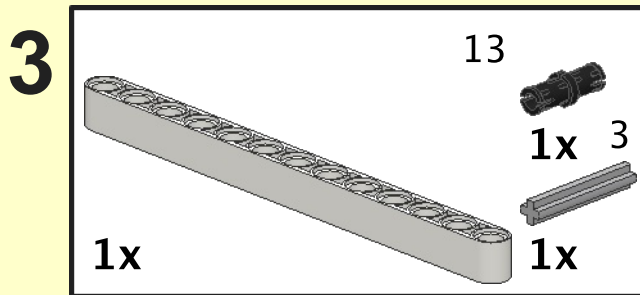
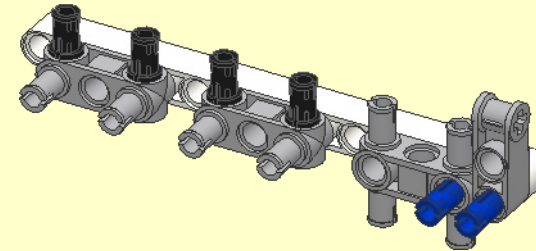
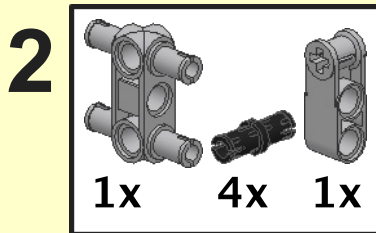
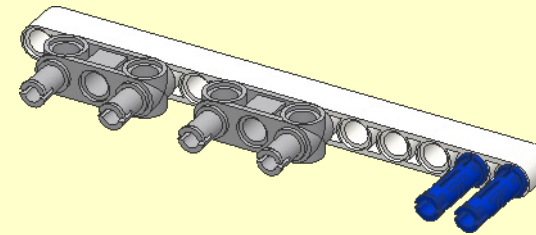
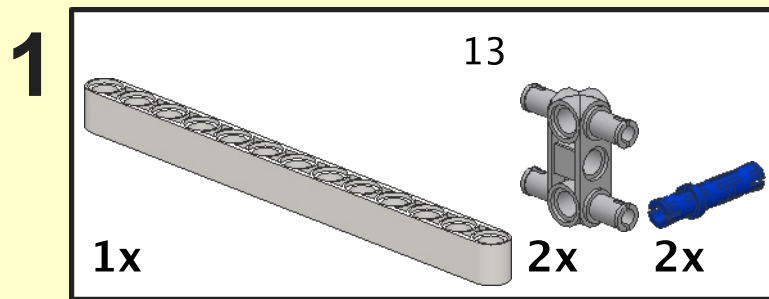


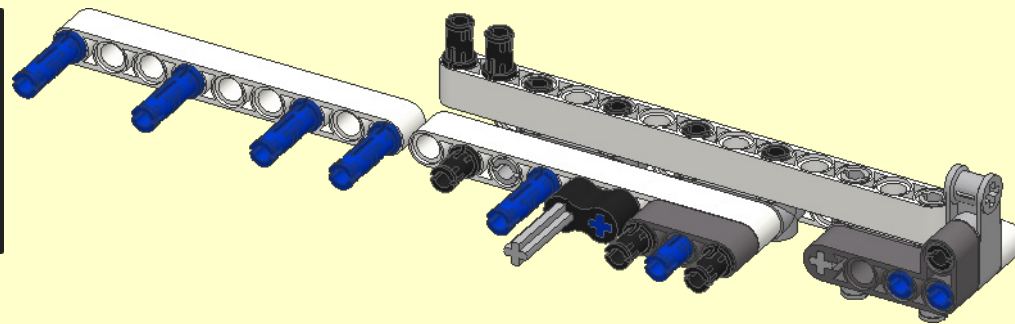
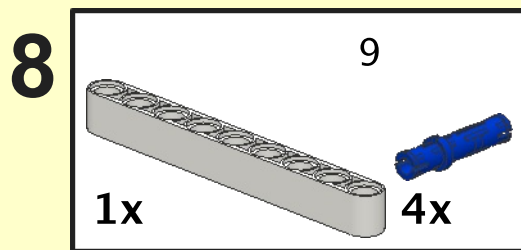
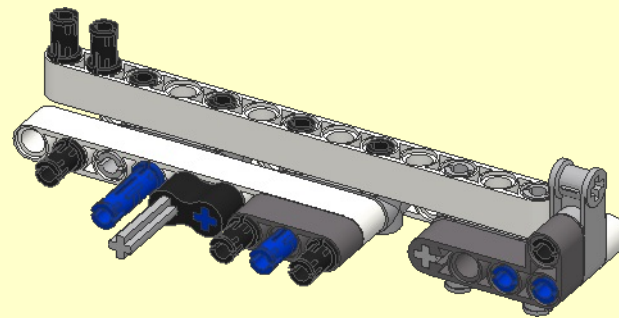
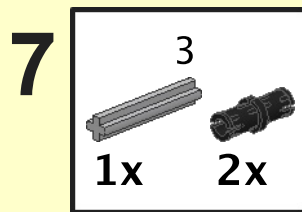
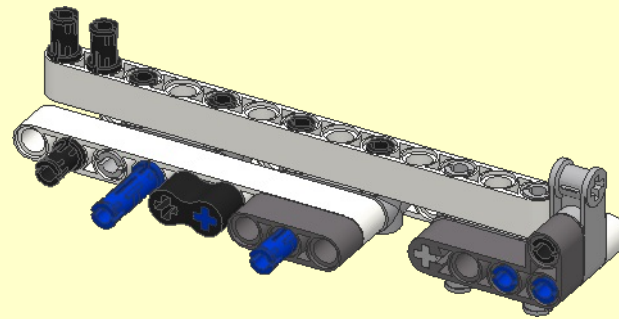
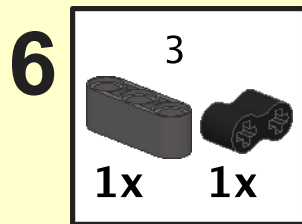
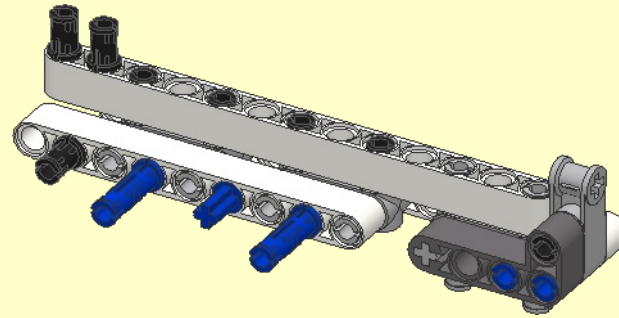
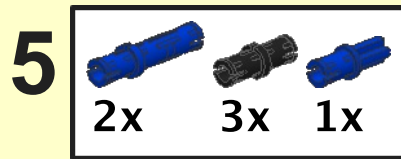
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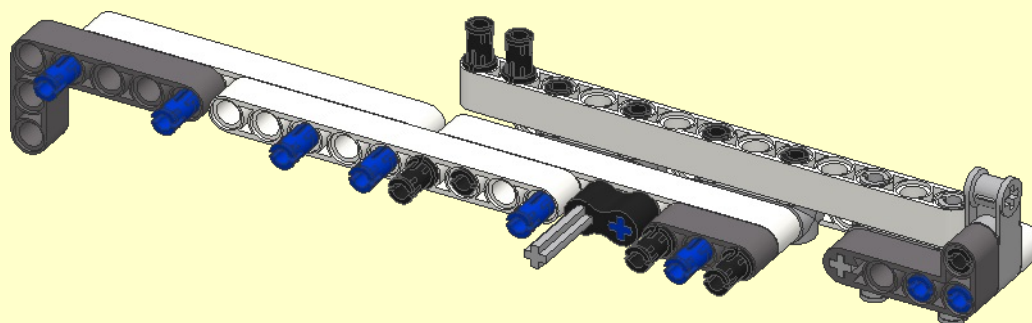
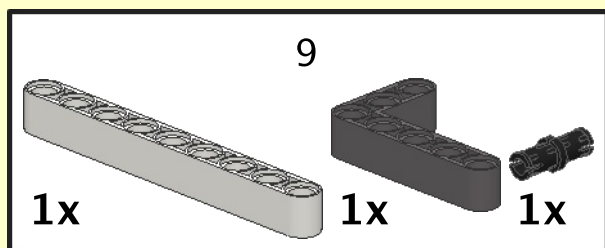
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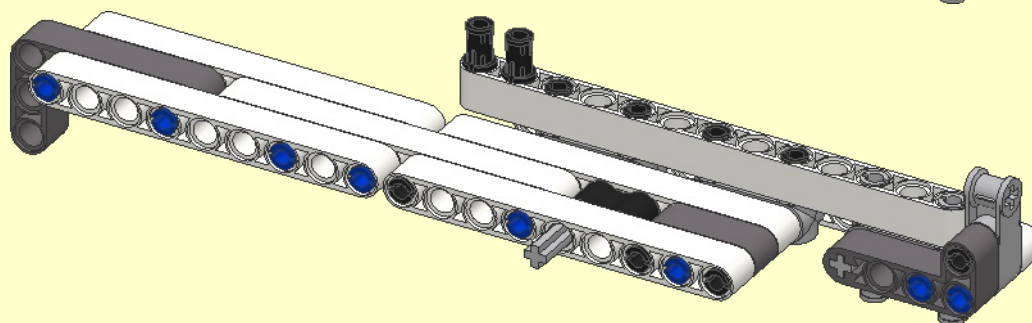
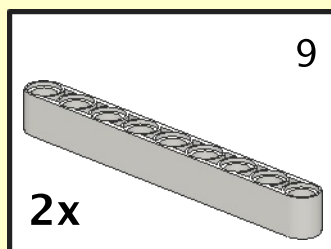




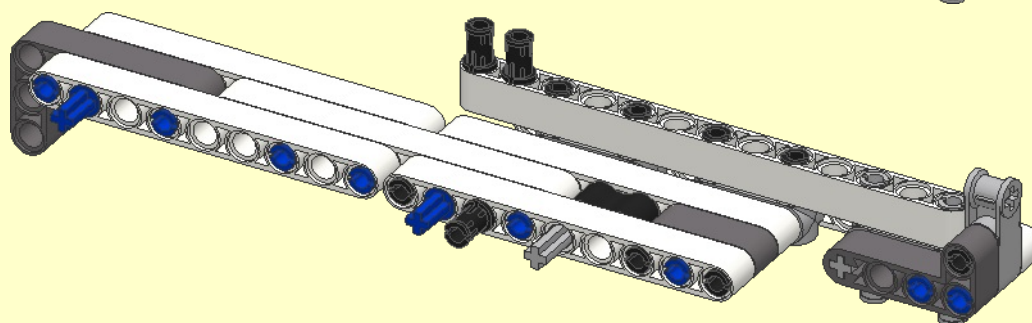
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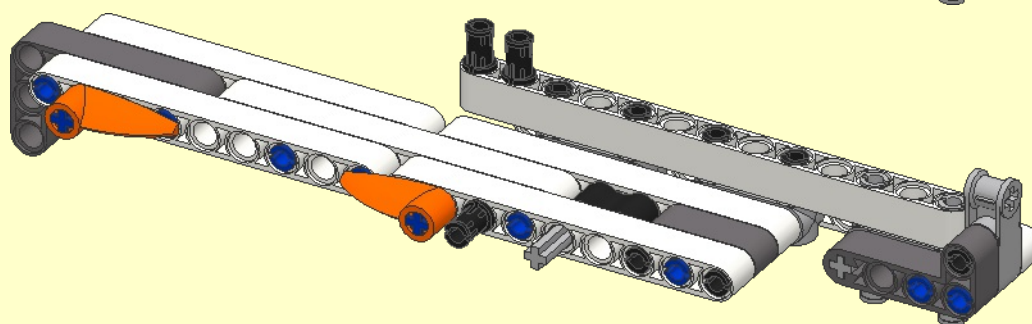
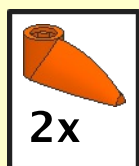
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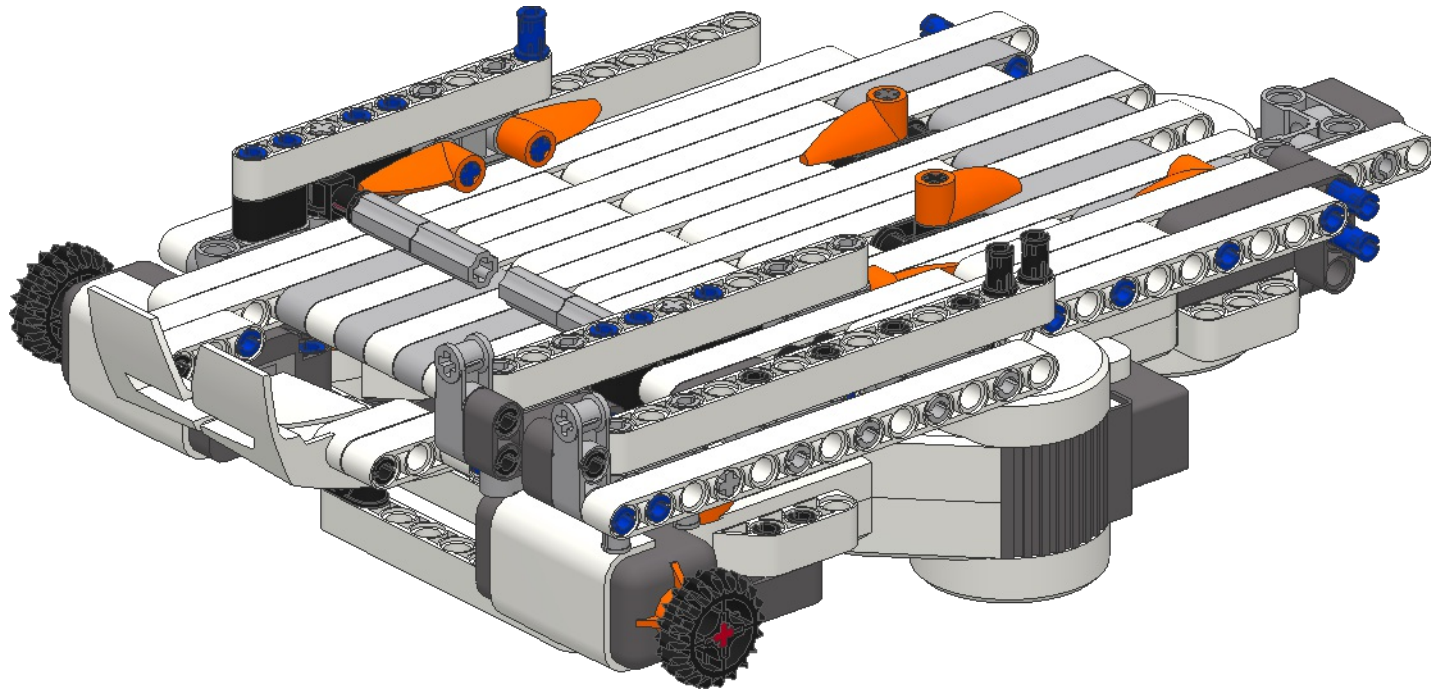


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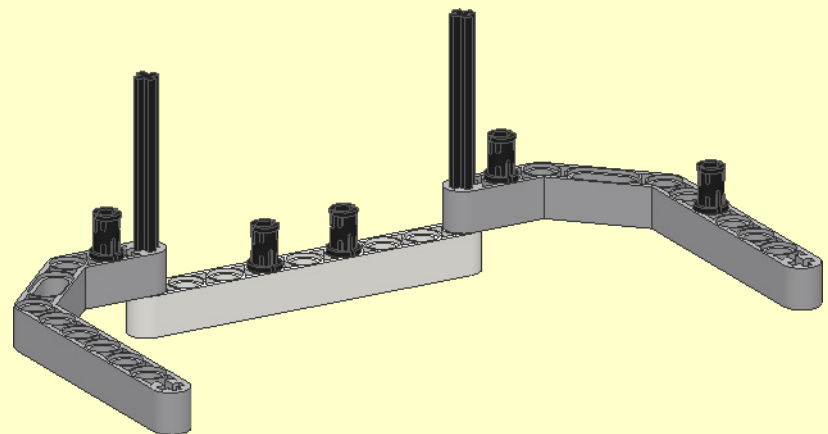
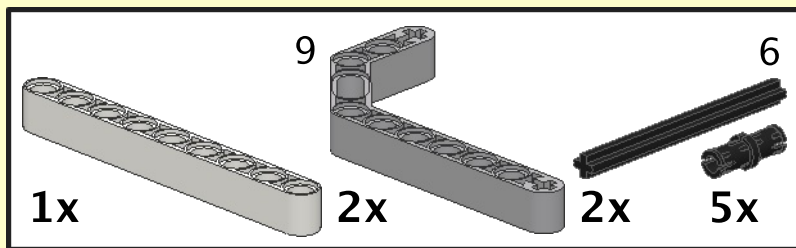


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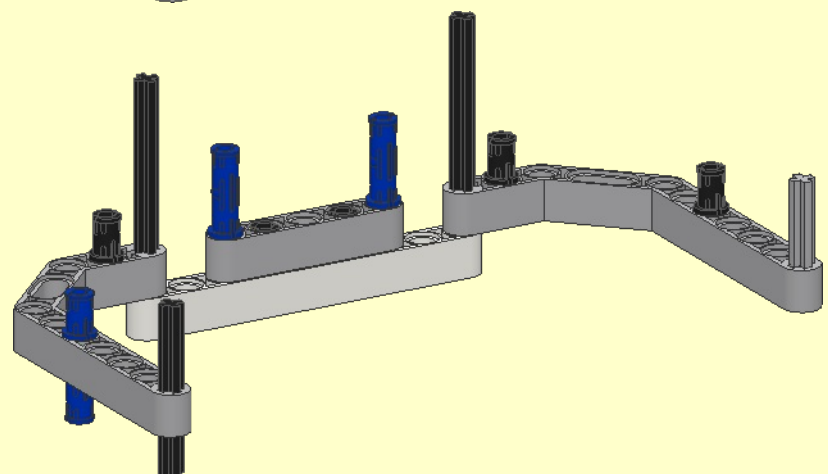
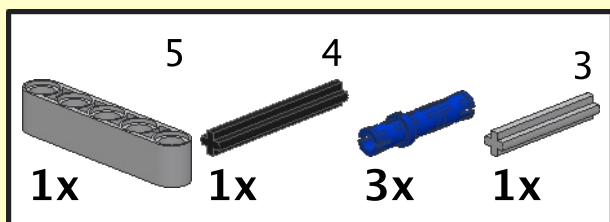




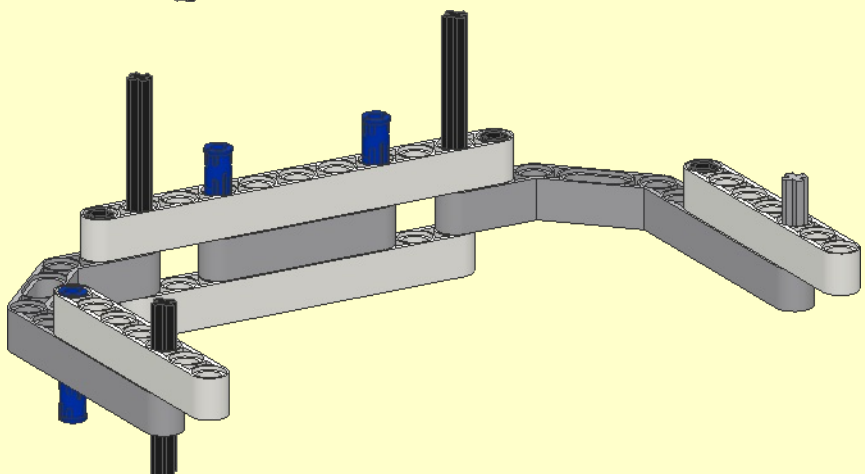
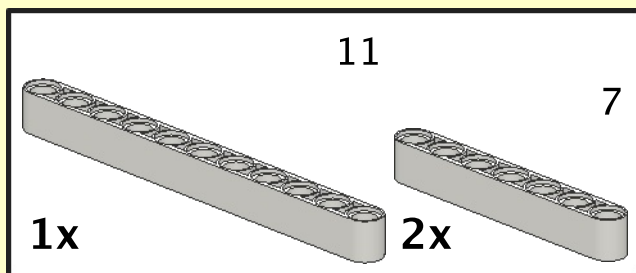
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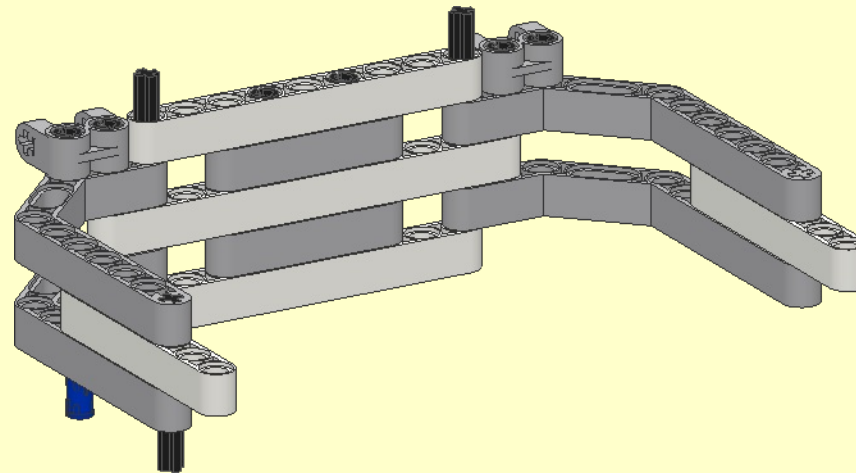
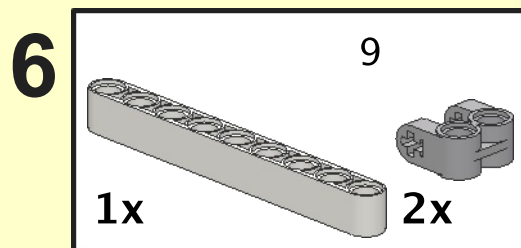
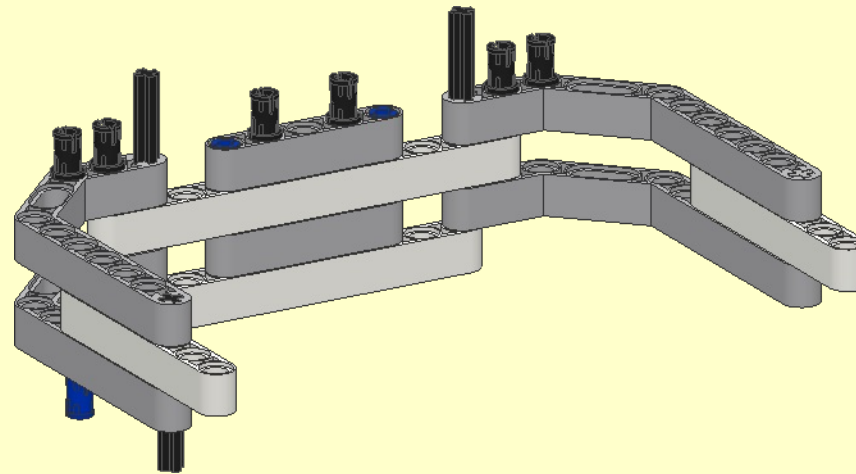
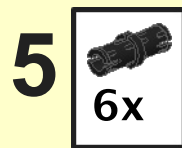
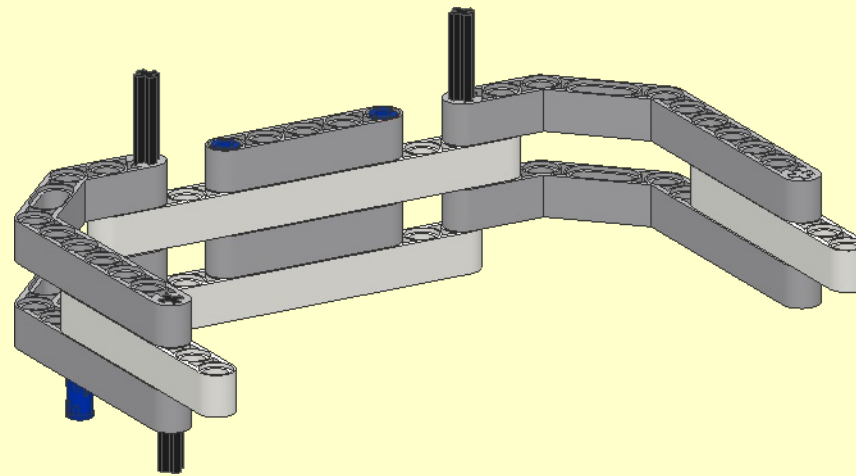
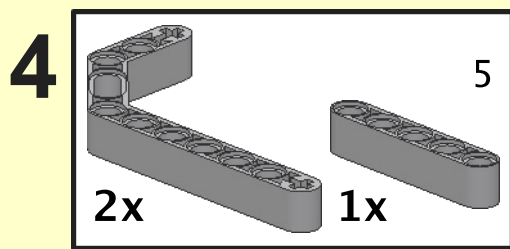


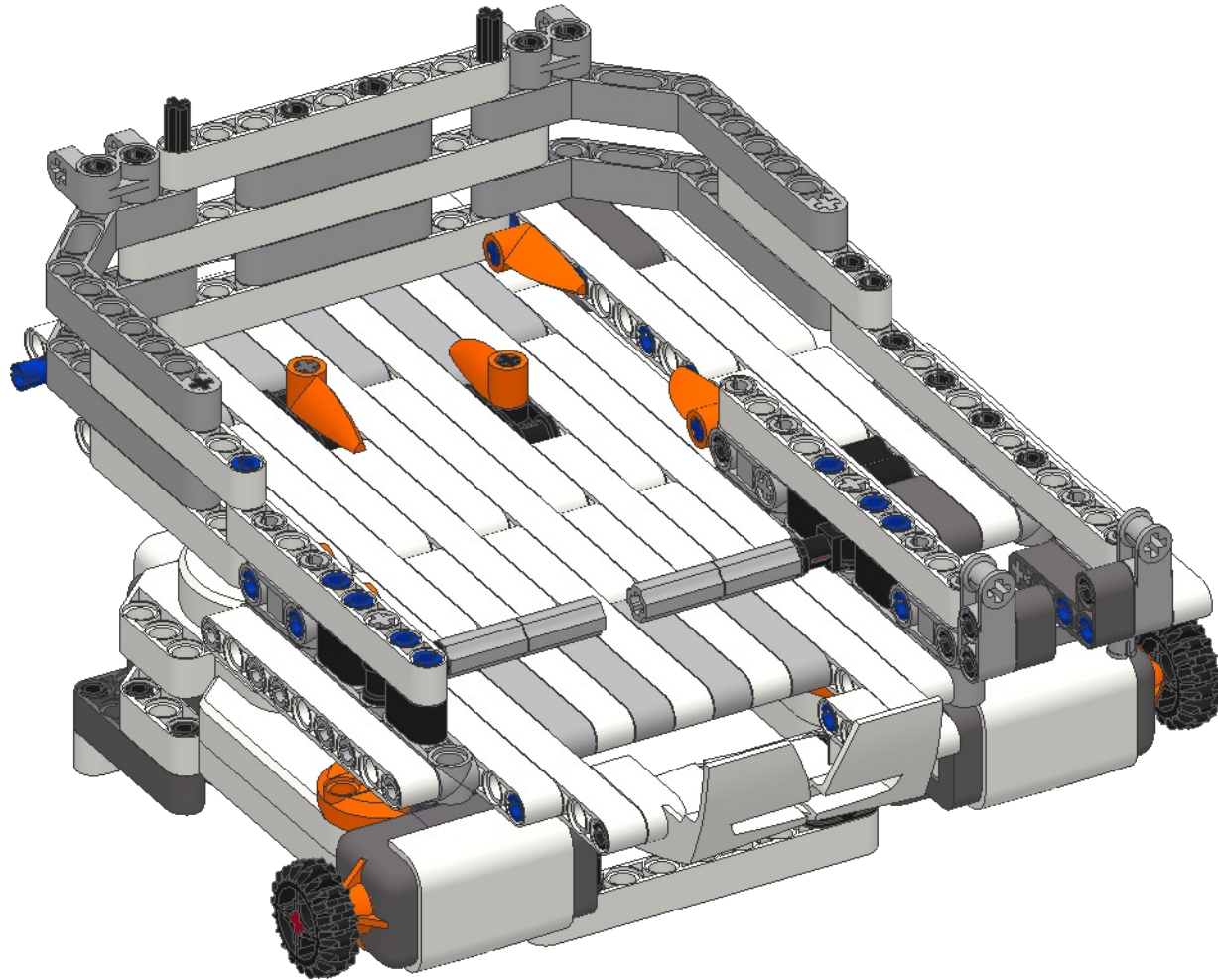
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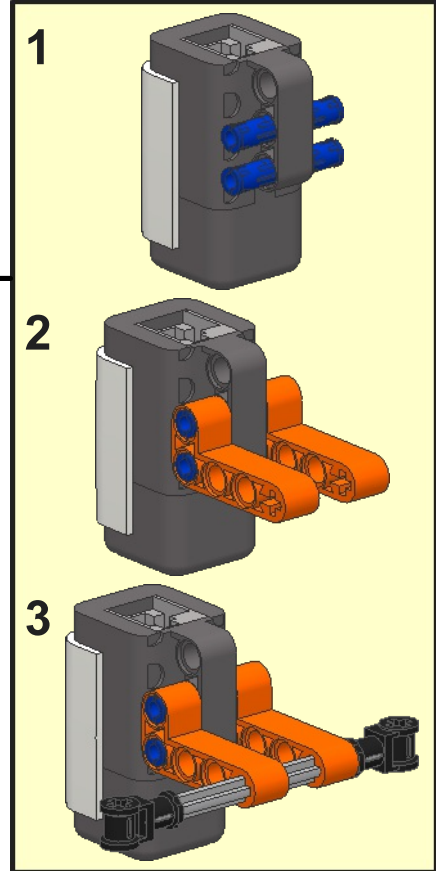
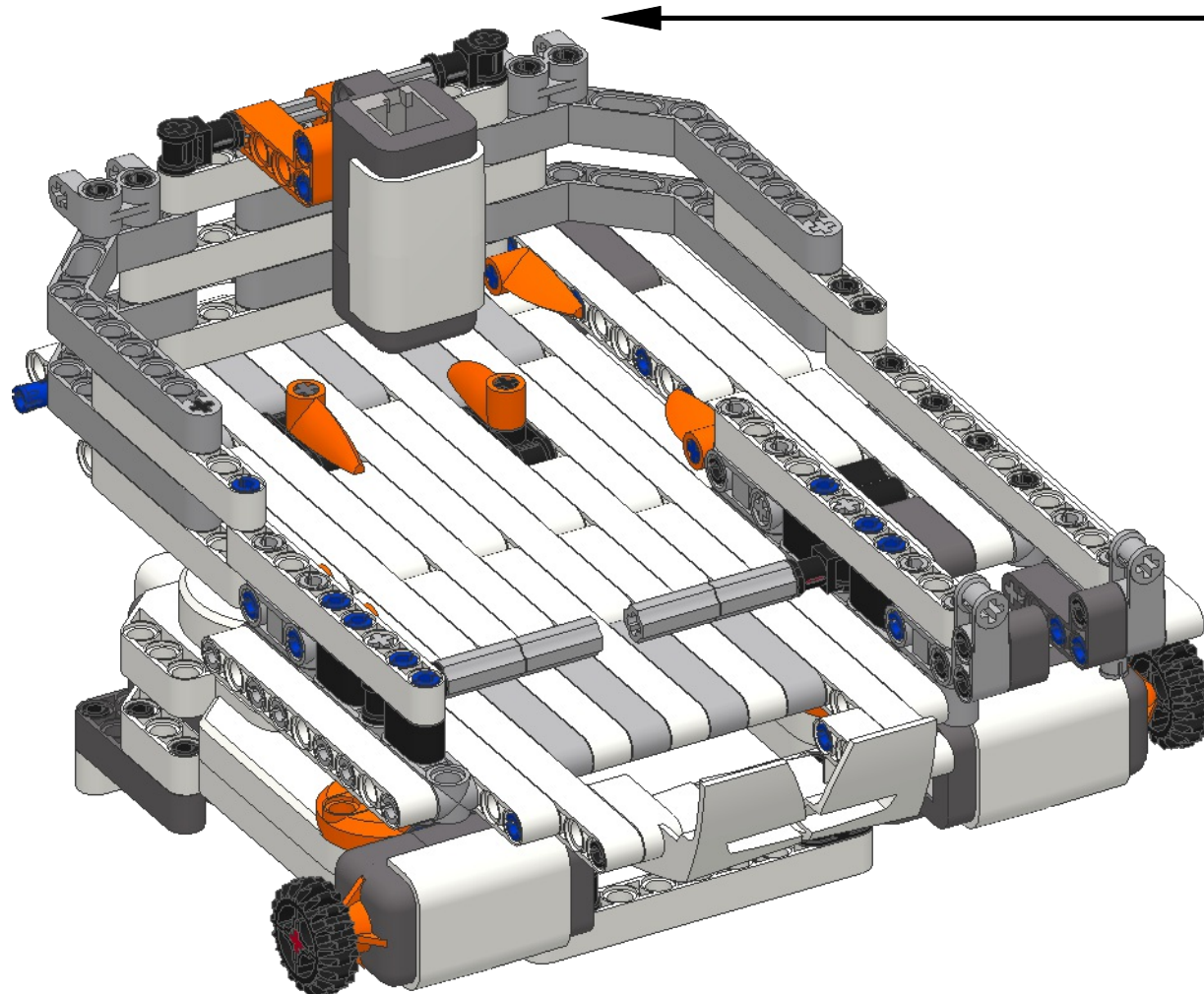
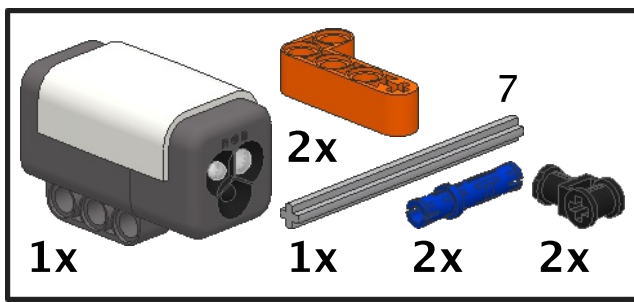
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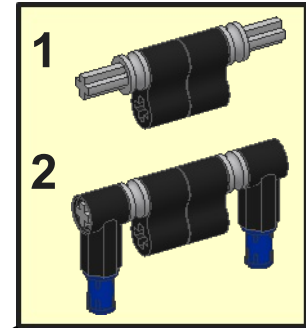
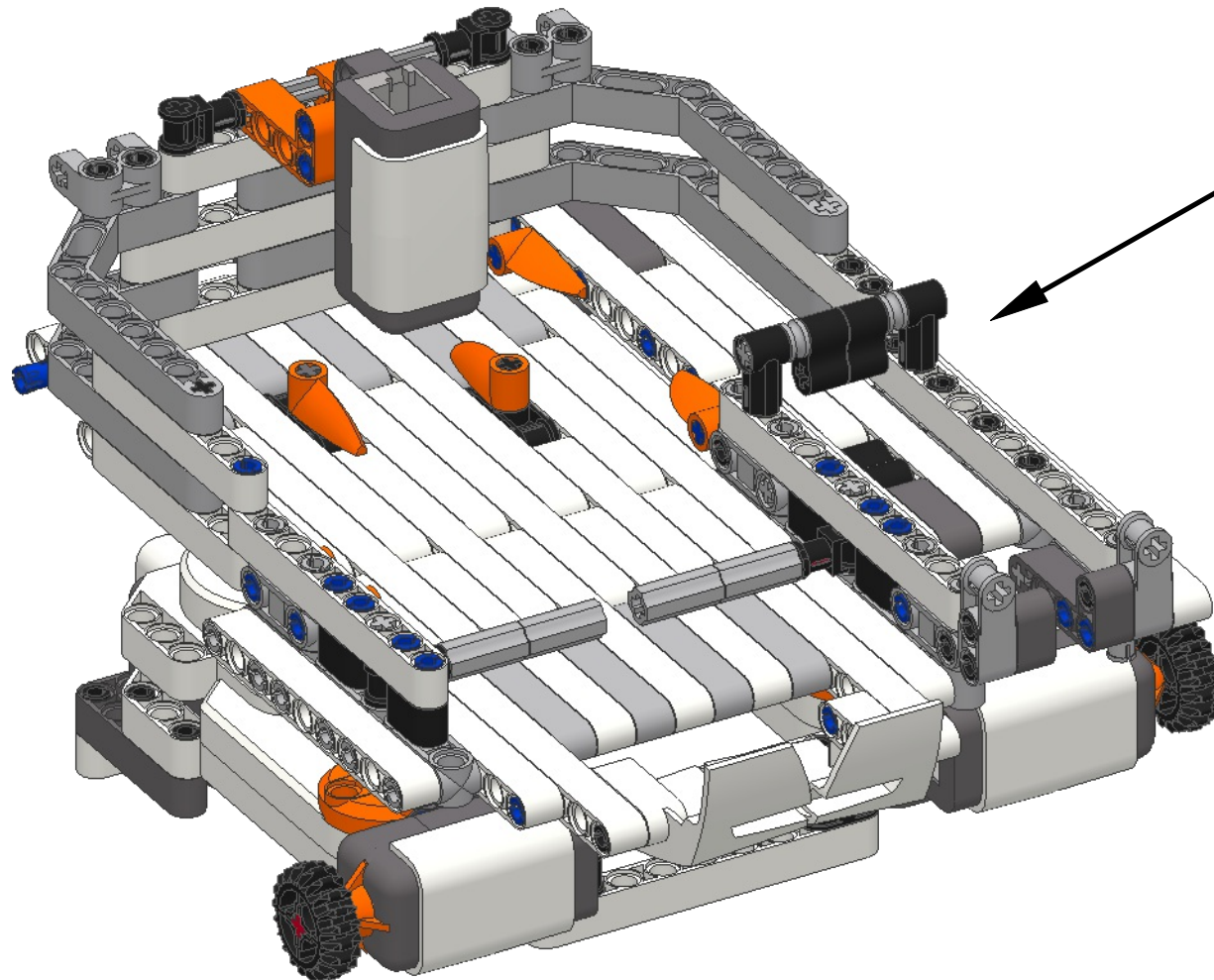
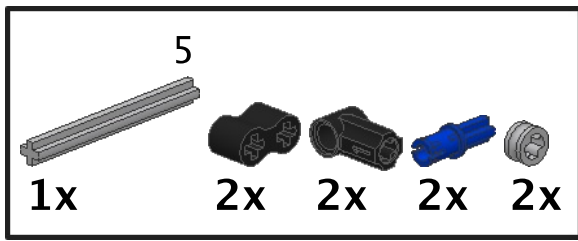




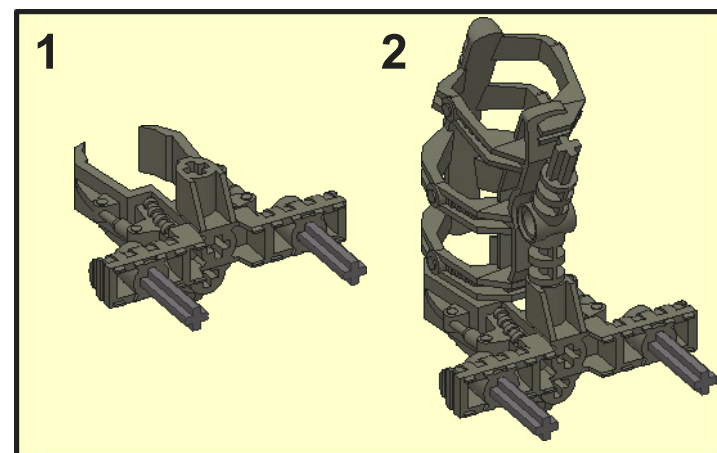
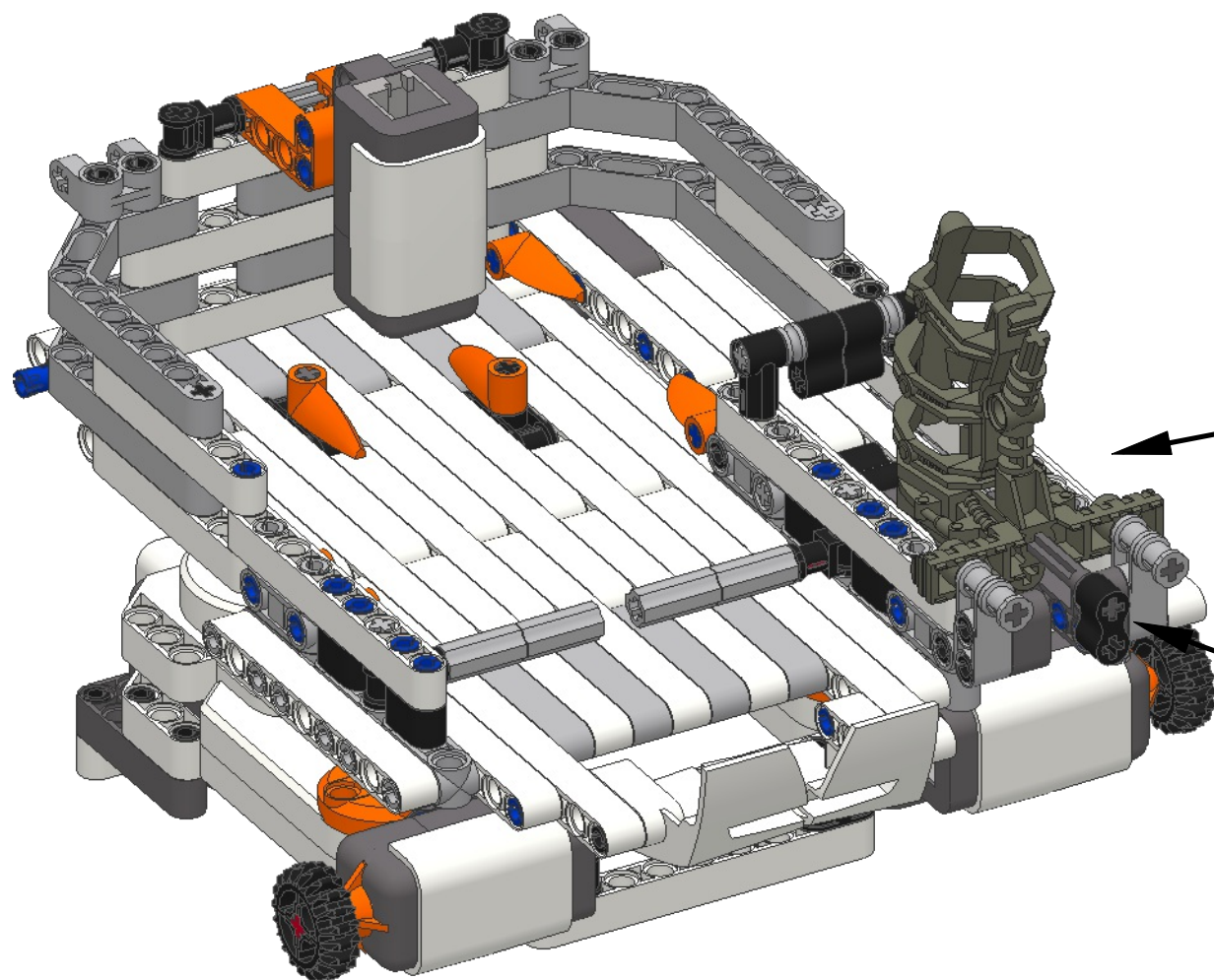
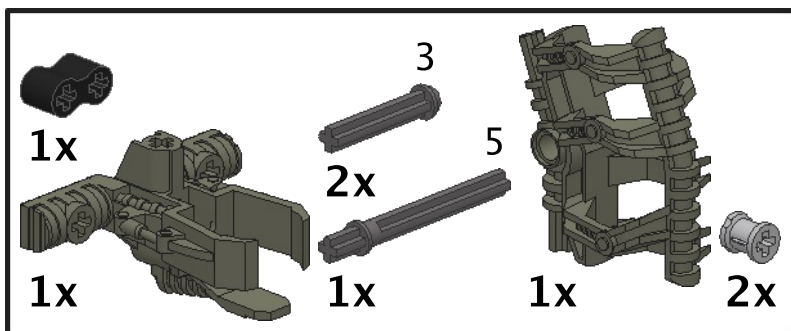
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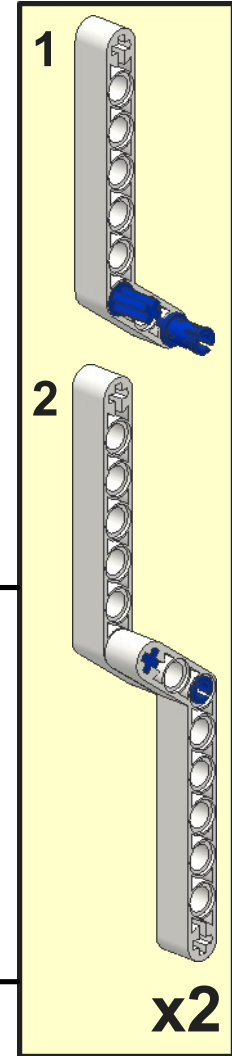
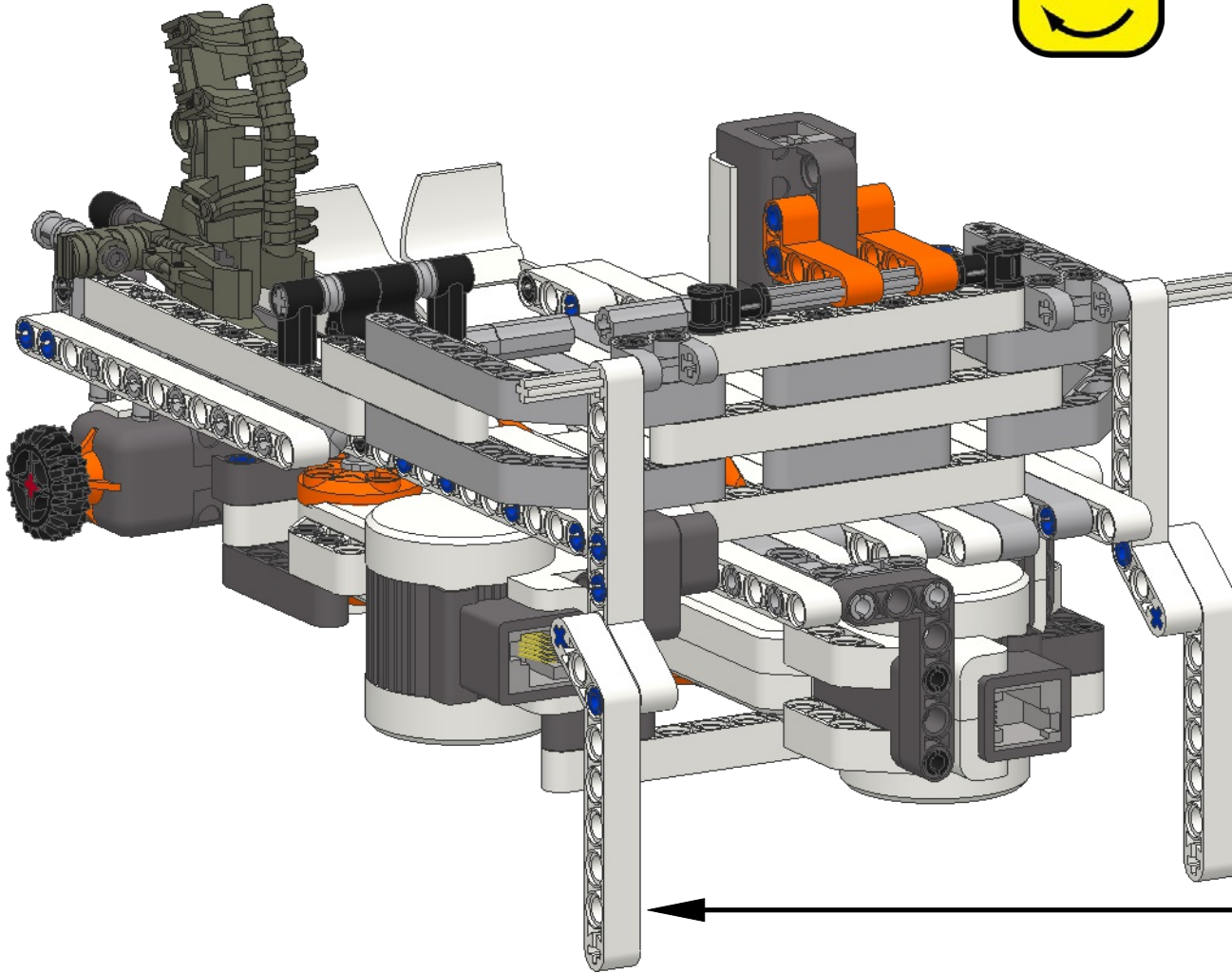
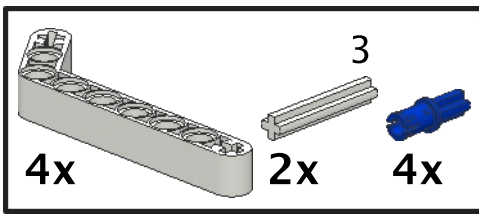
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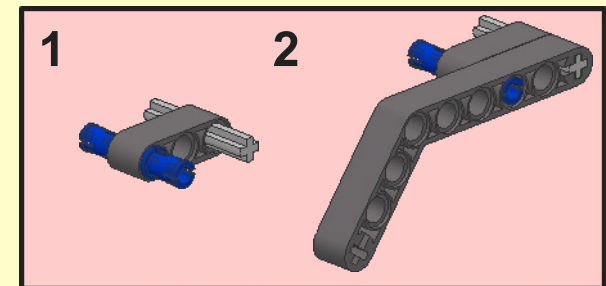
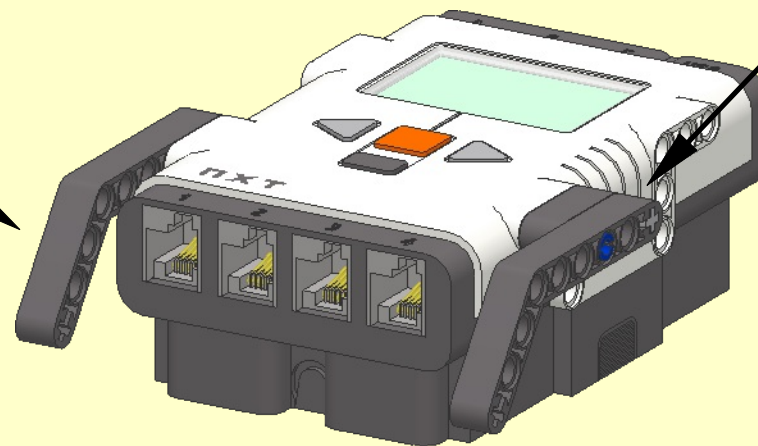
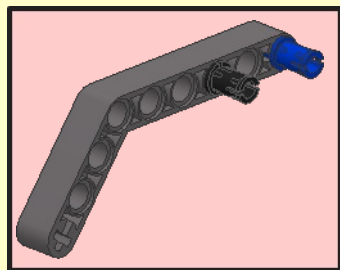
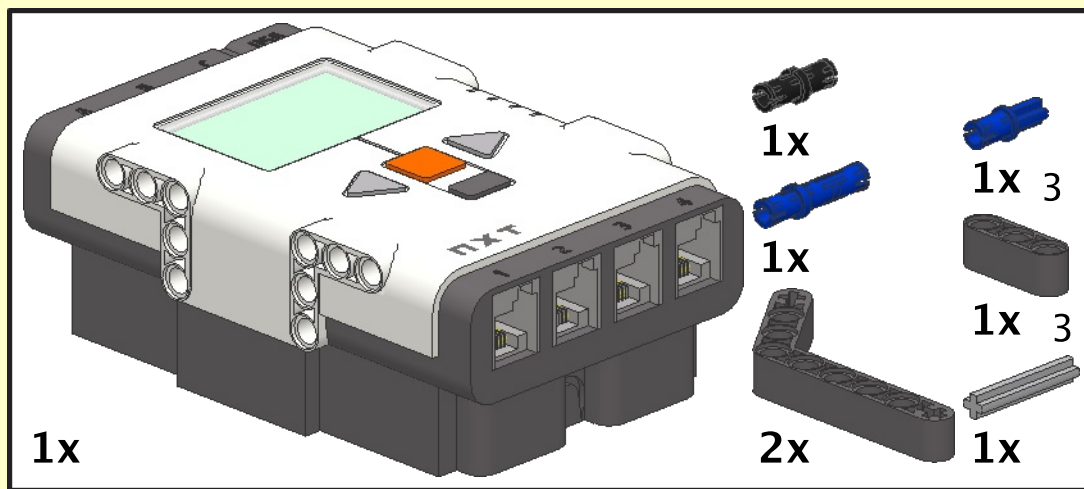


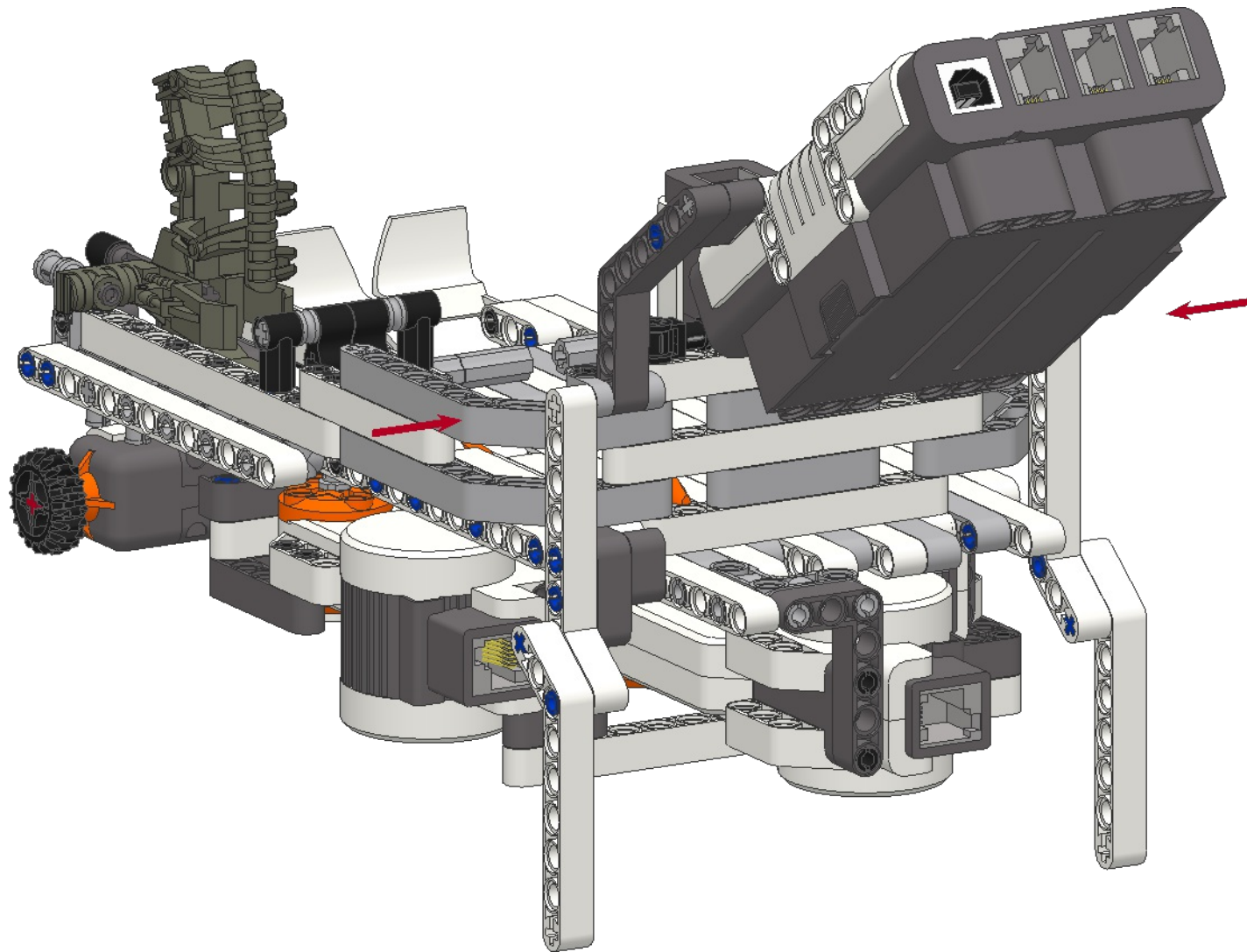
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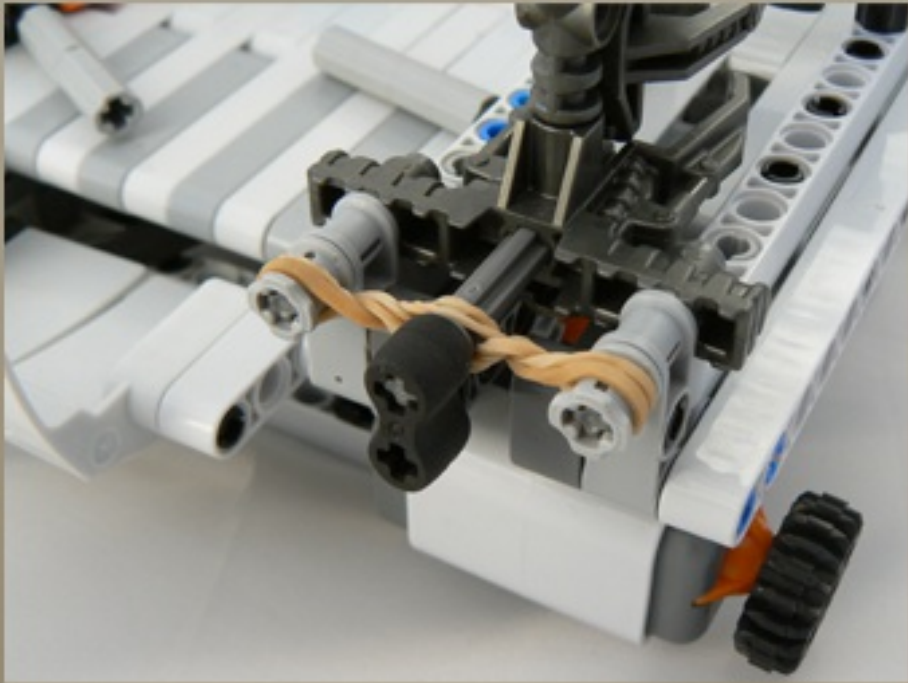




PinballNXT

Pinball, NXT style!

Use an ordinary rubber band to complete the "plunger"...



Use your thumb to launch the ball as shown here...



Wiring

- 1 - Colour sensor
- 2 - Left touch sensor
- 3 - Right touch sensor

- A - Spinners motor
- B - Left flipper
- C - Right flipper

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