

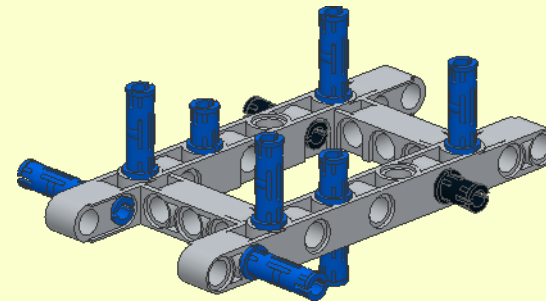
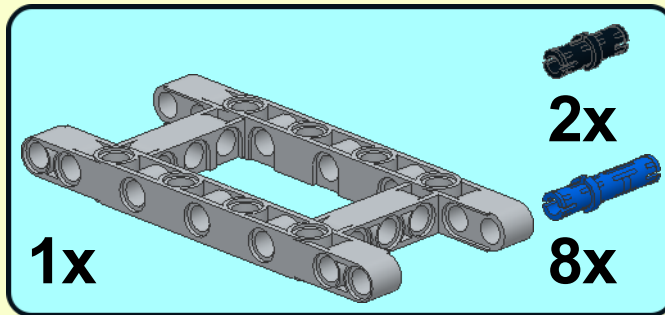
Forklift - Remote Controlled Instructions

By Alexis Vilvert

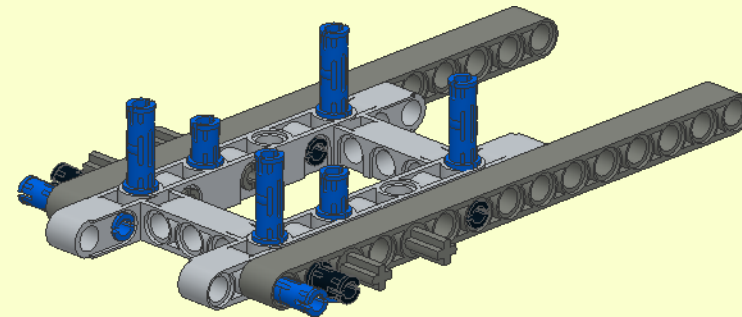
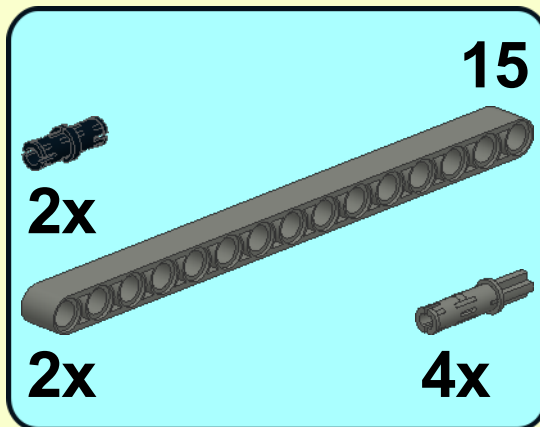
<http://lego.vilvert.fr>



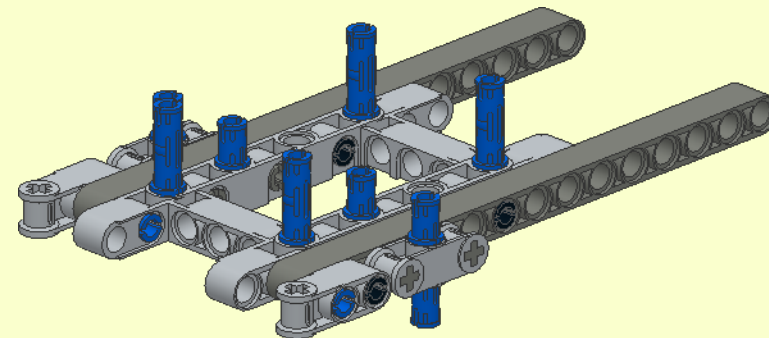
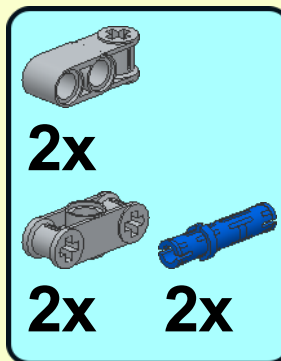
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2



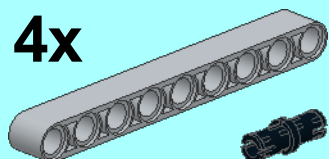
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3



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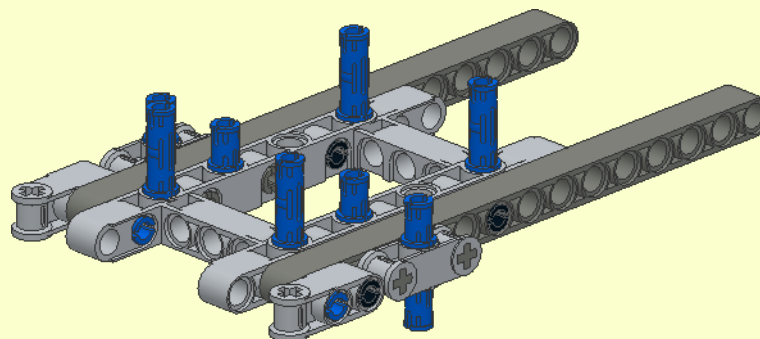


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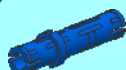


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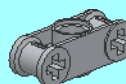
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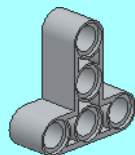
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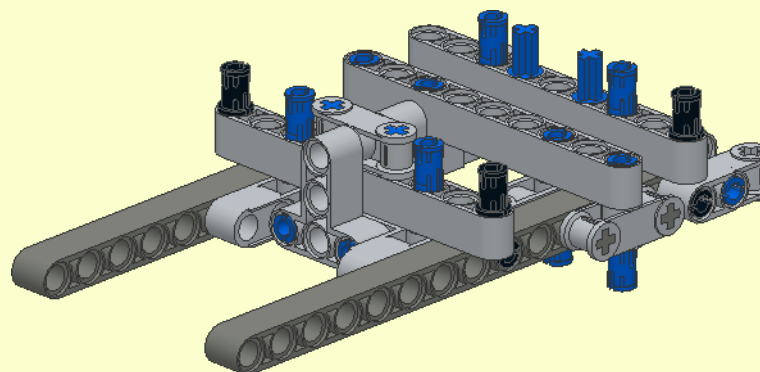
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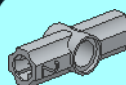
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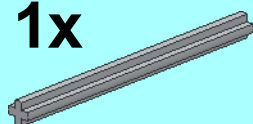
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5



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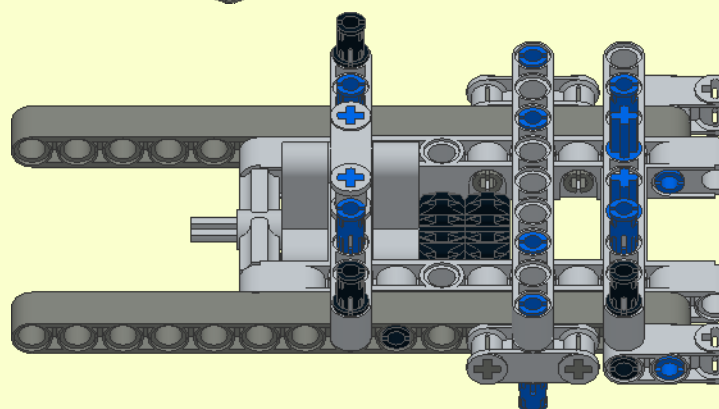


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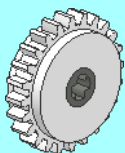
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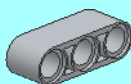


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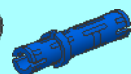


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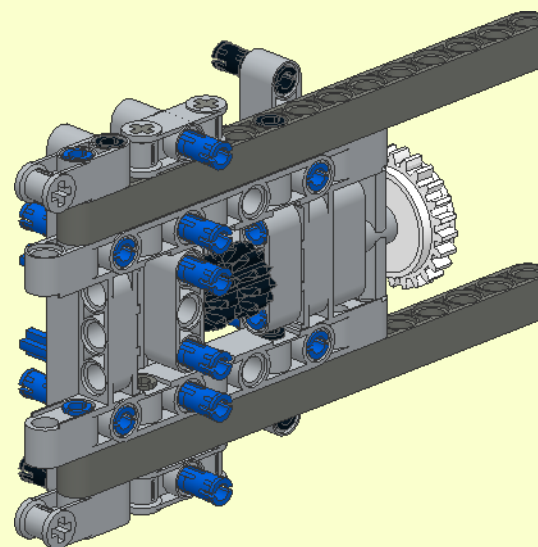
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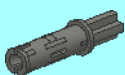
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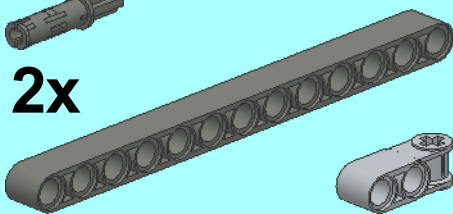


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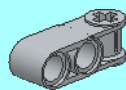


2x

13



1x



2x



3x

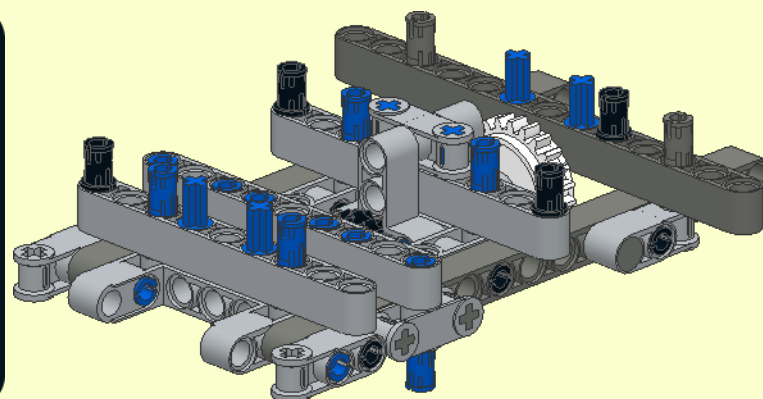
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2x



2x

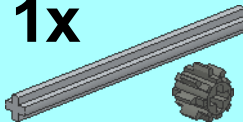


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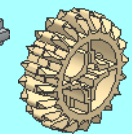
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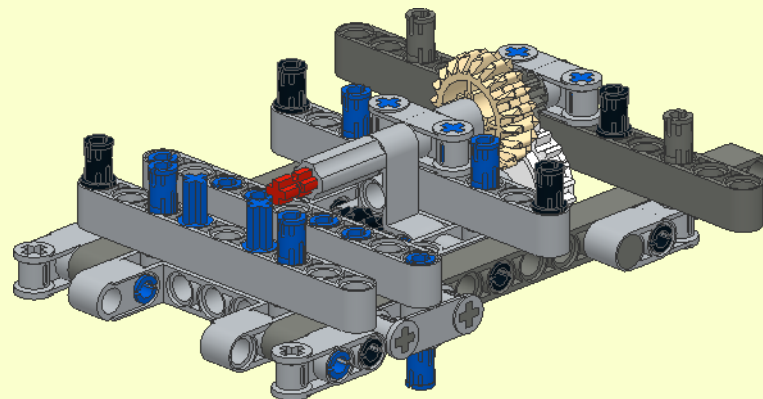
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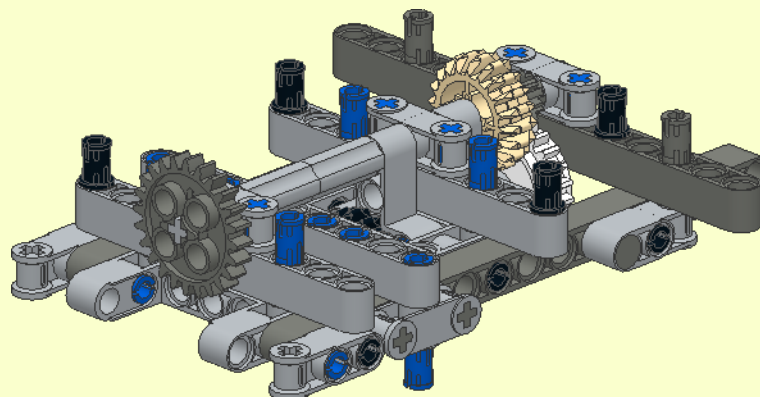
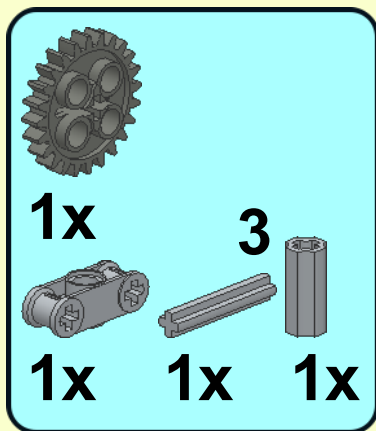
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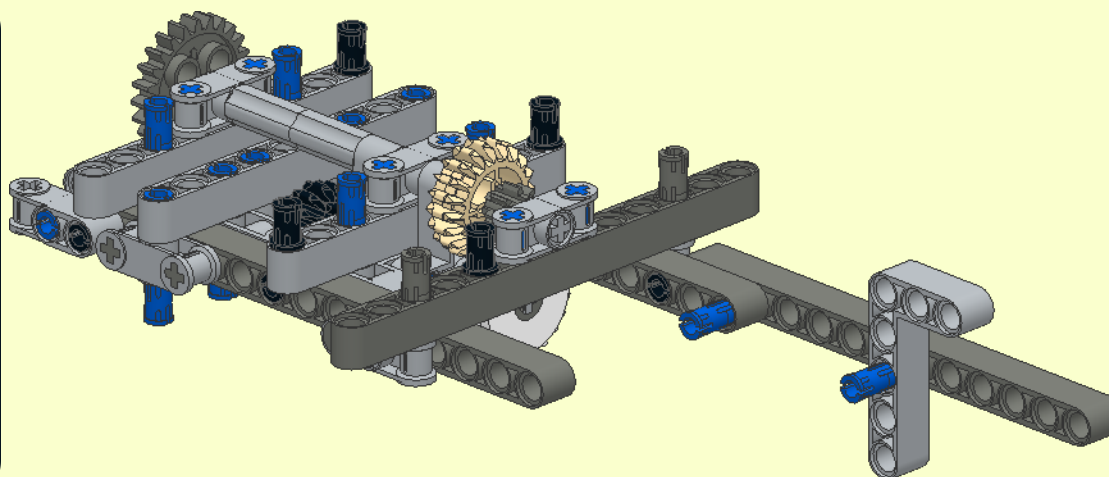
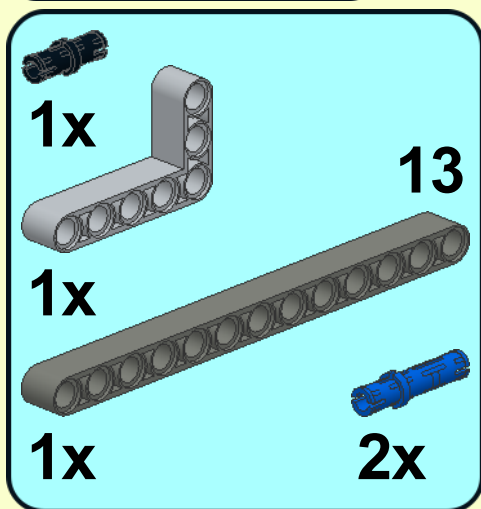
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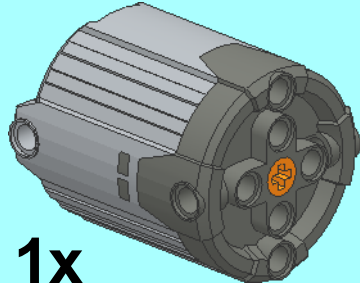


11

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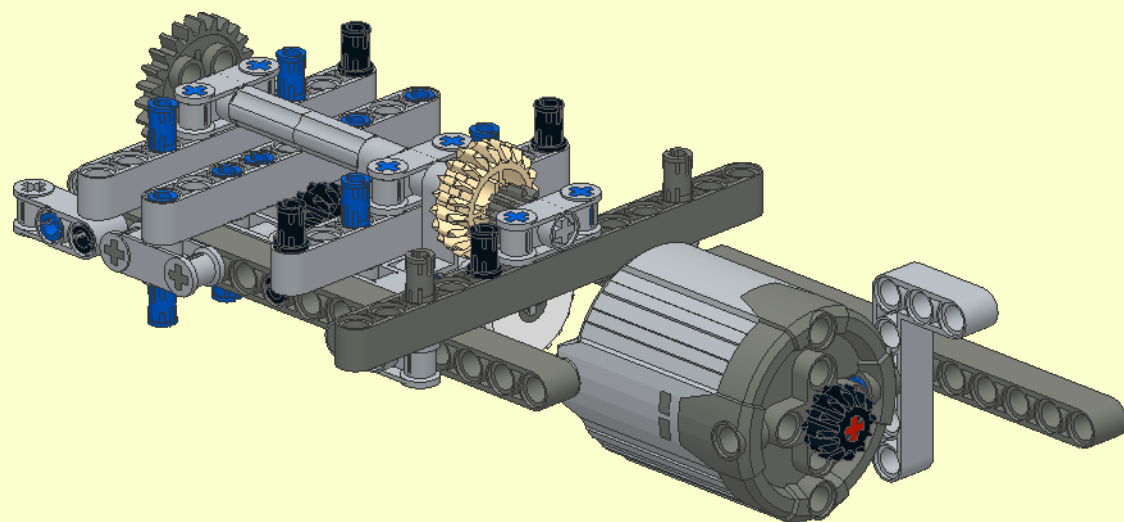
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1x



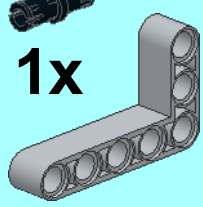
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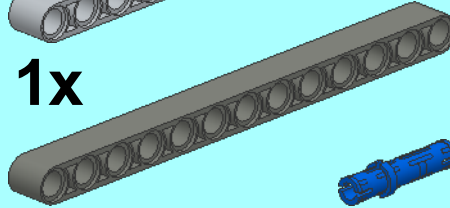
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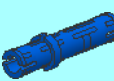
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1x

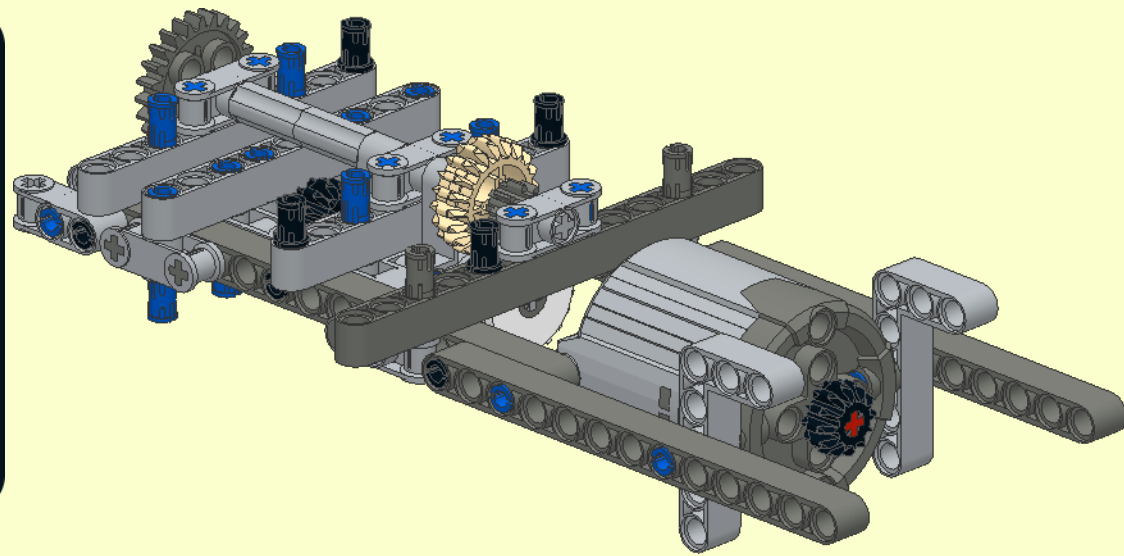


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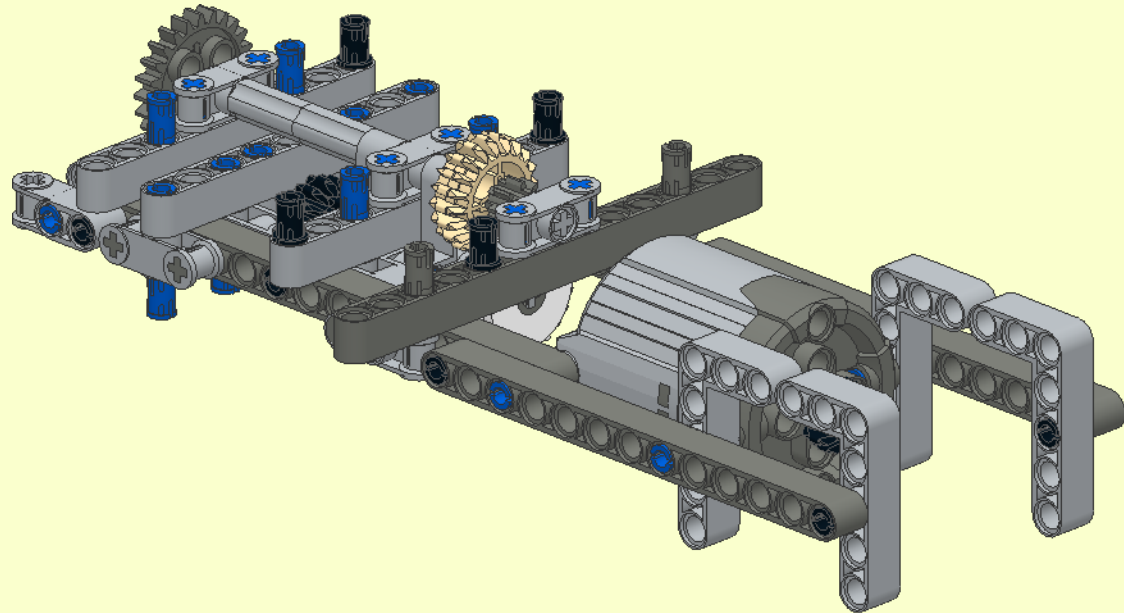
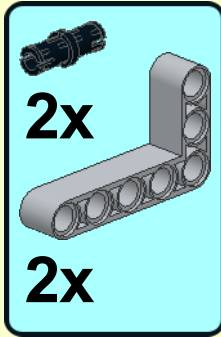


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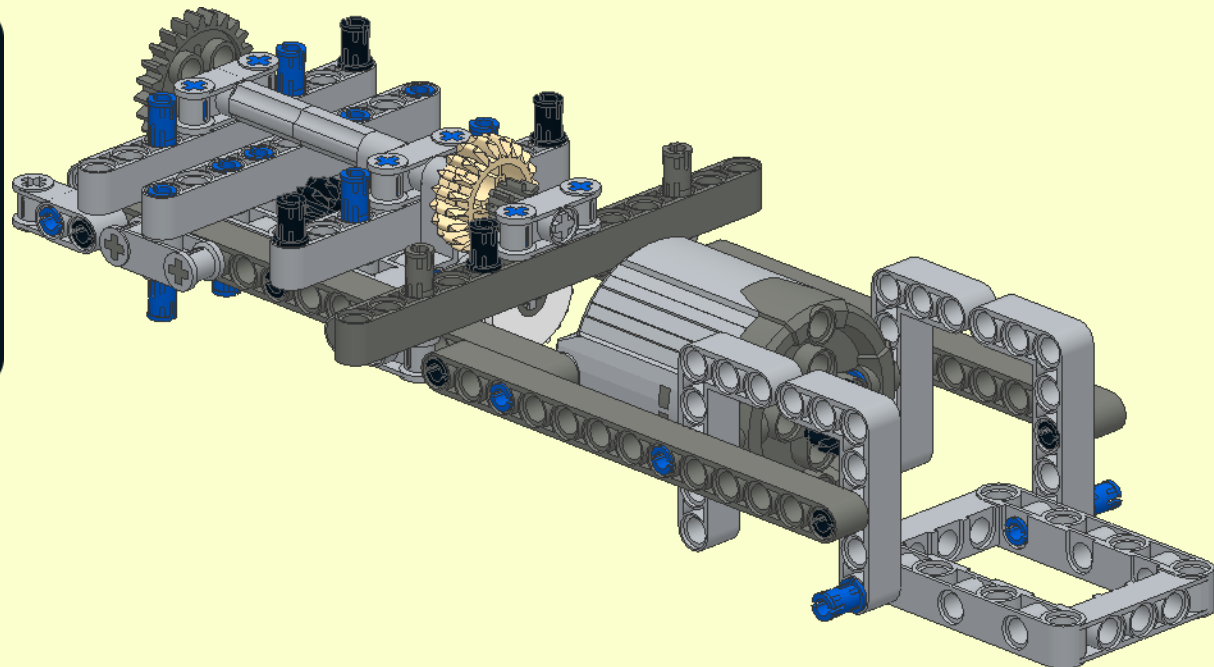
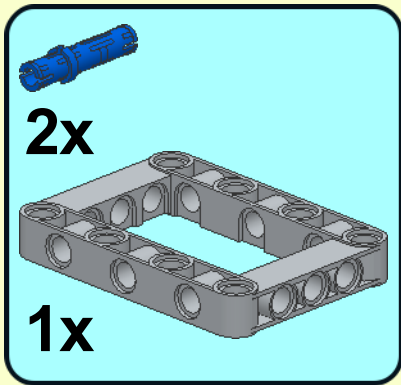
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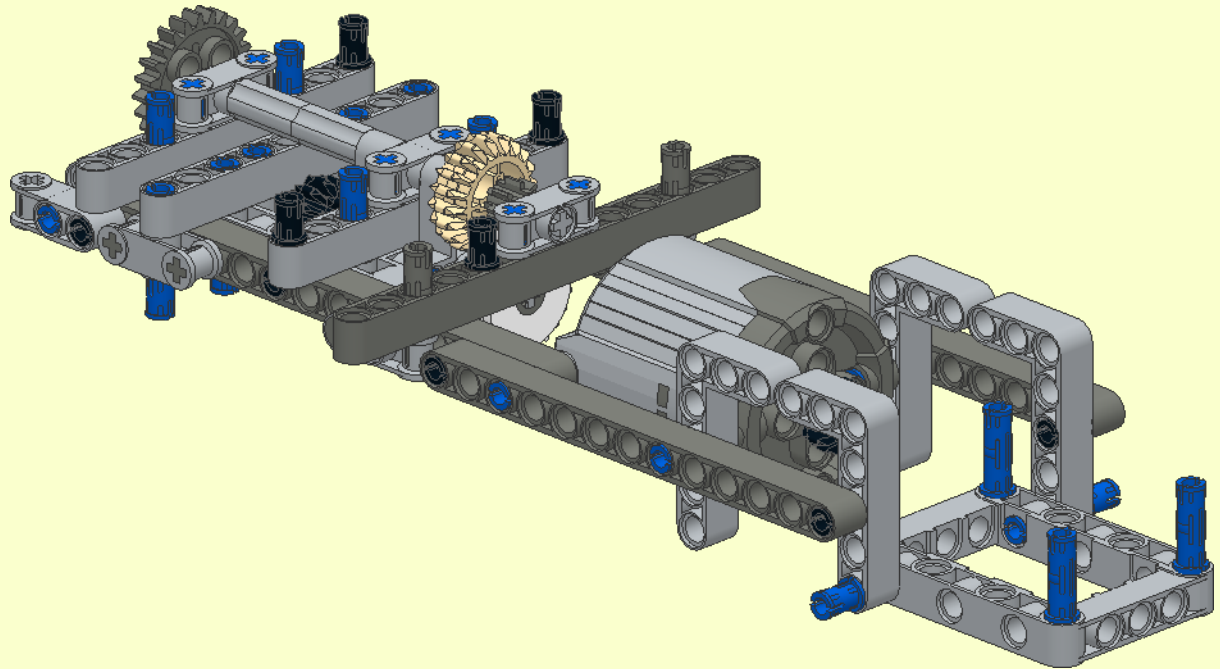
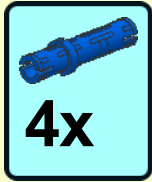
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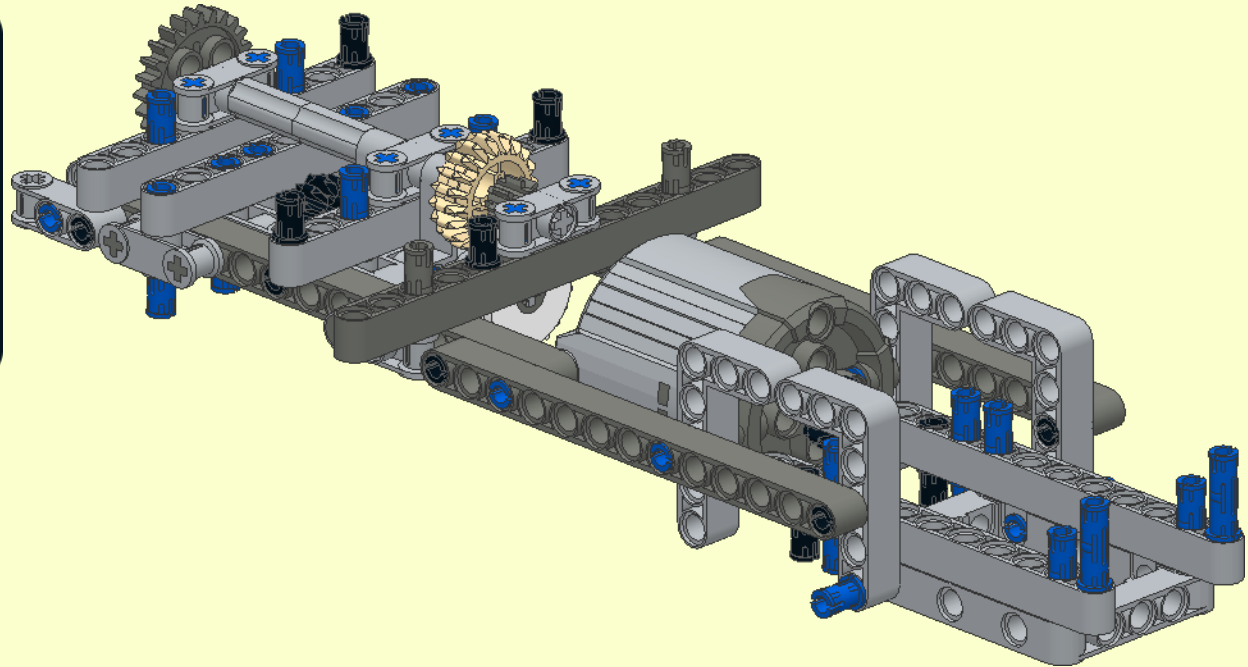
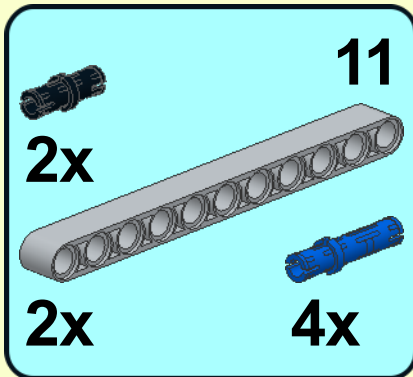
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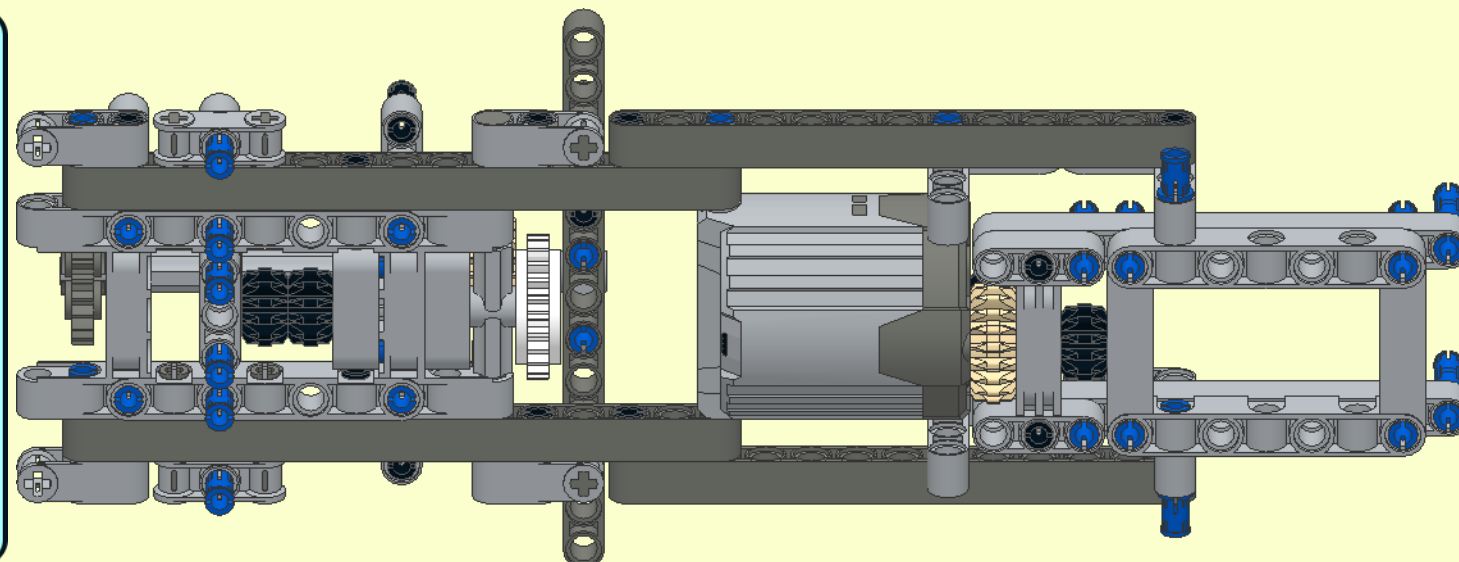
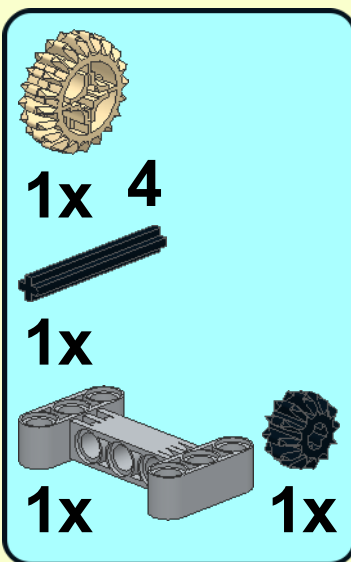
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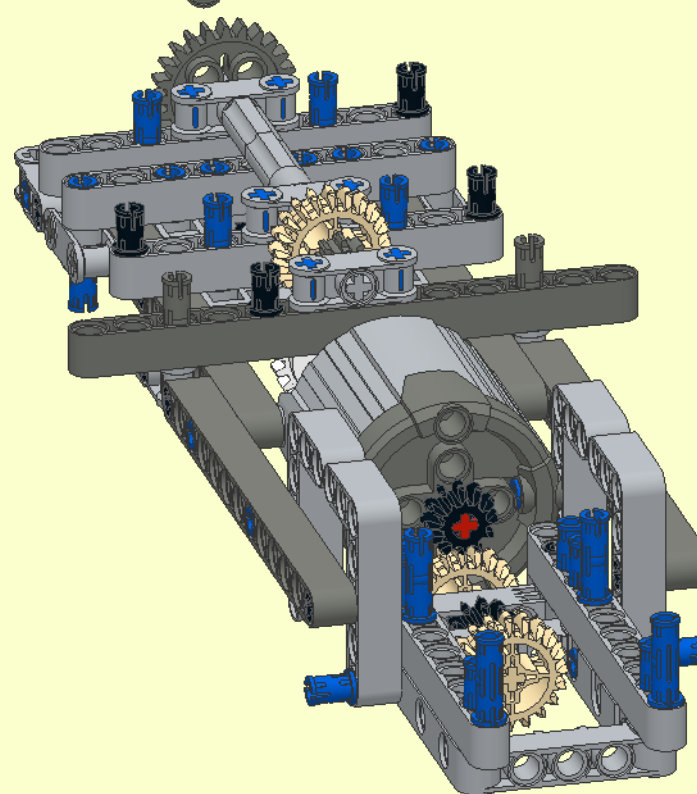
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17



18



19



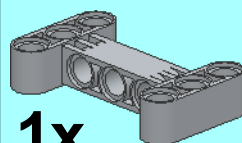
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1x 4



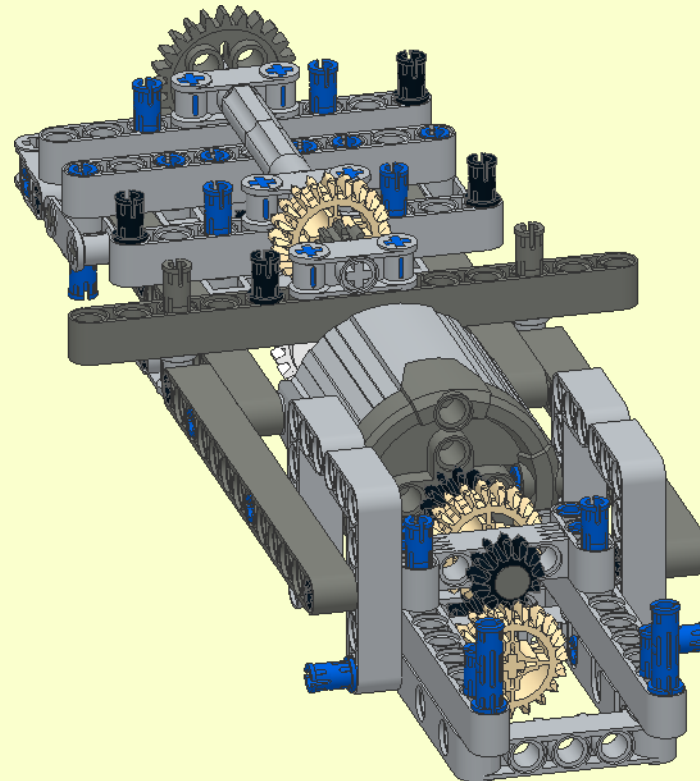
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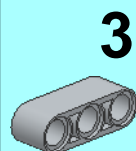
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1x

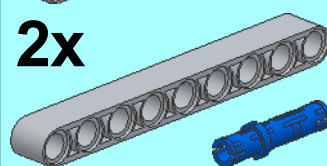


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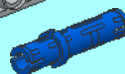
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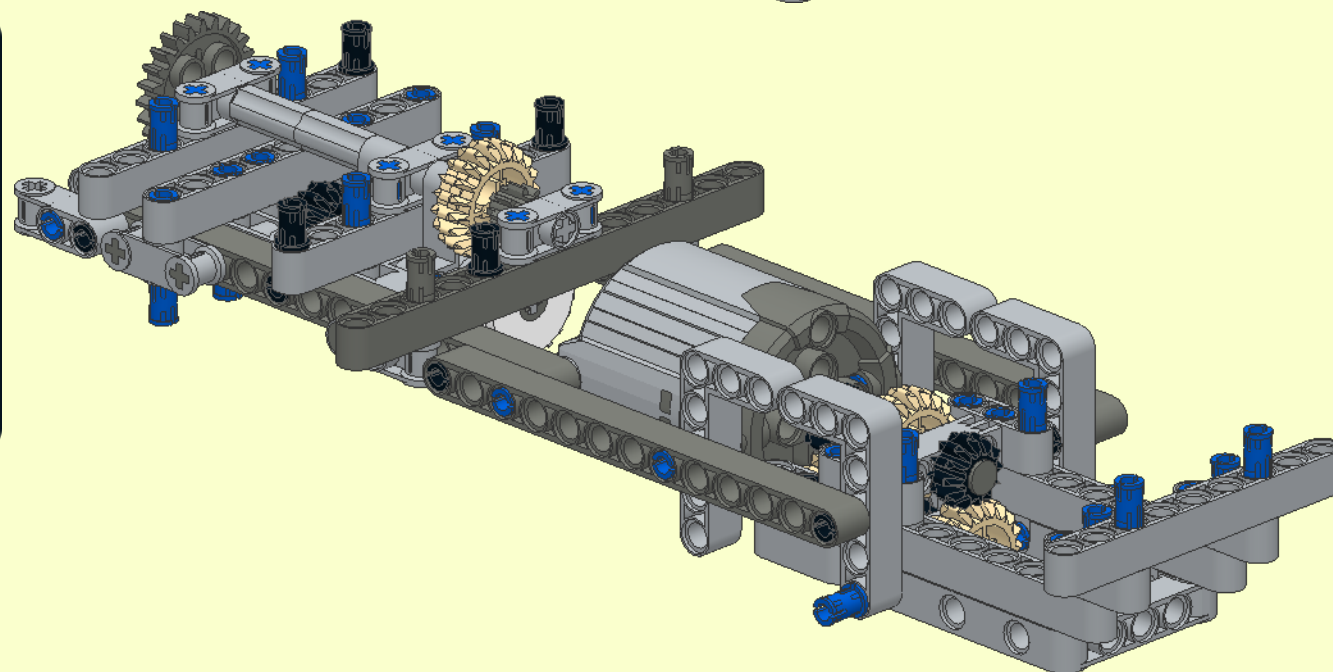


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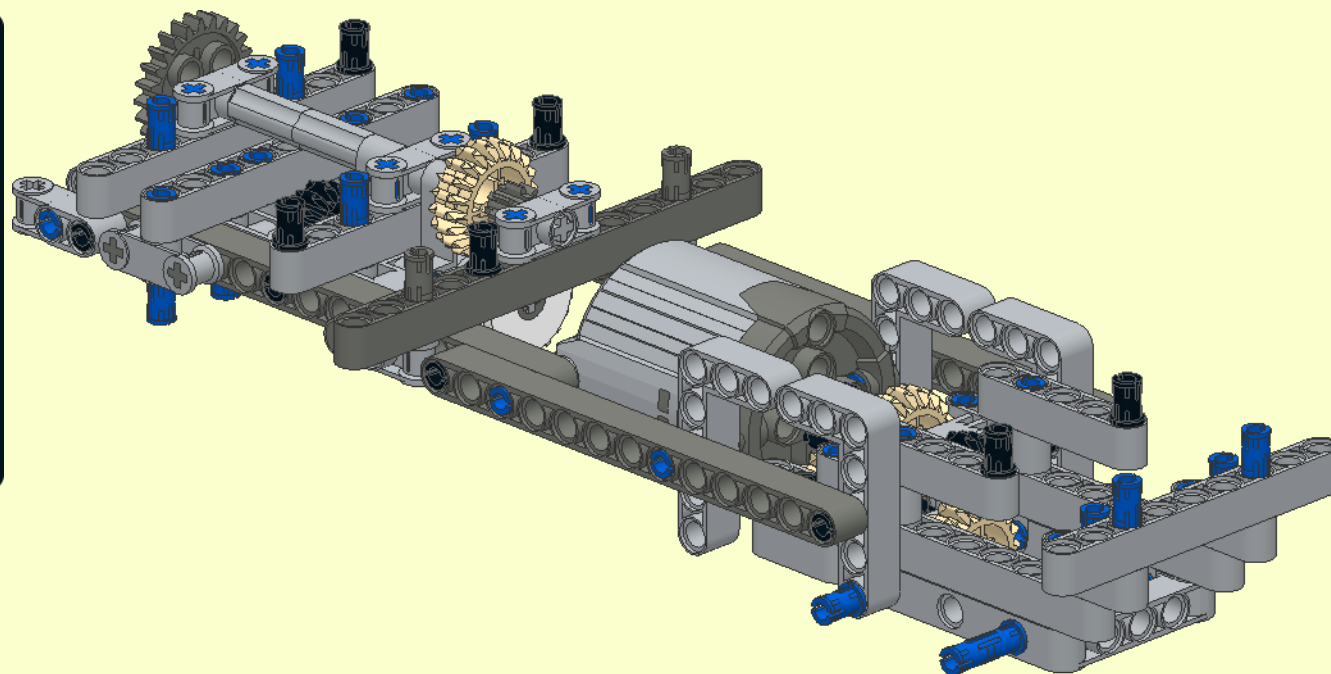
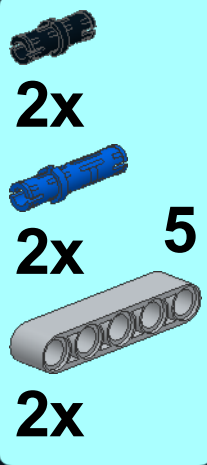
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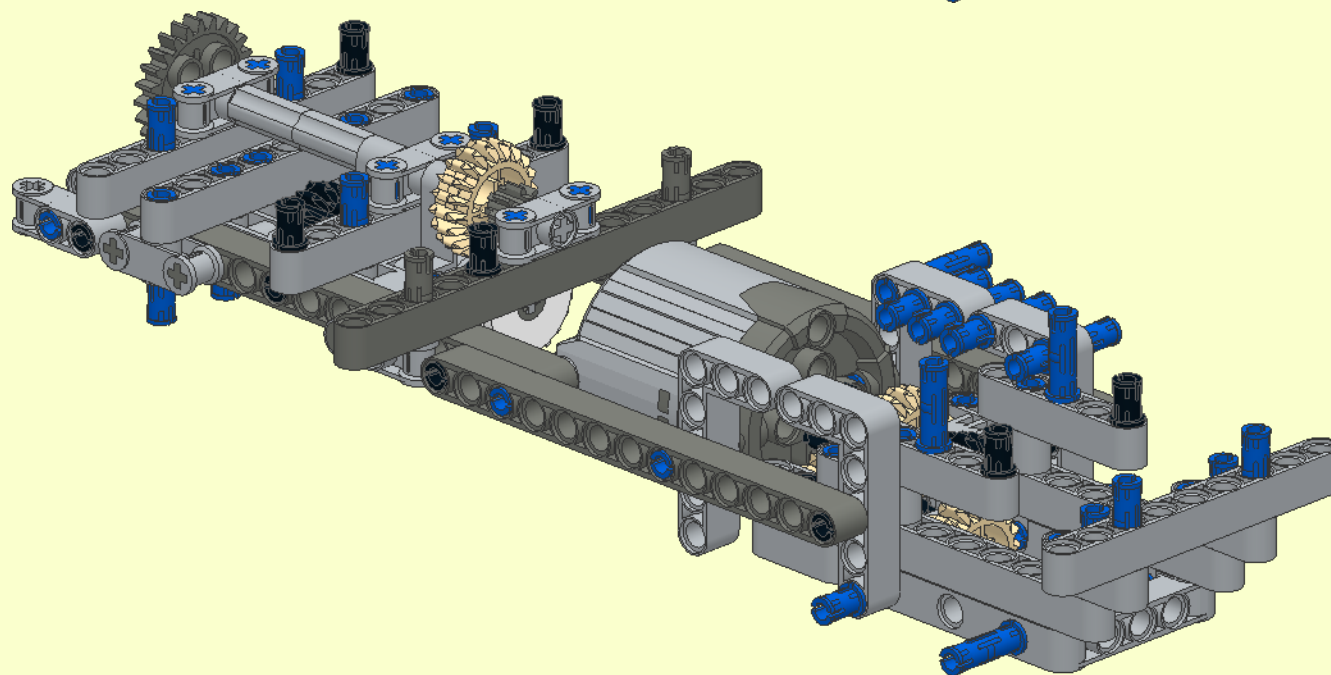
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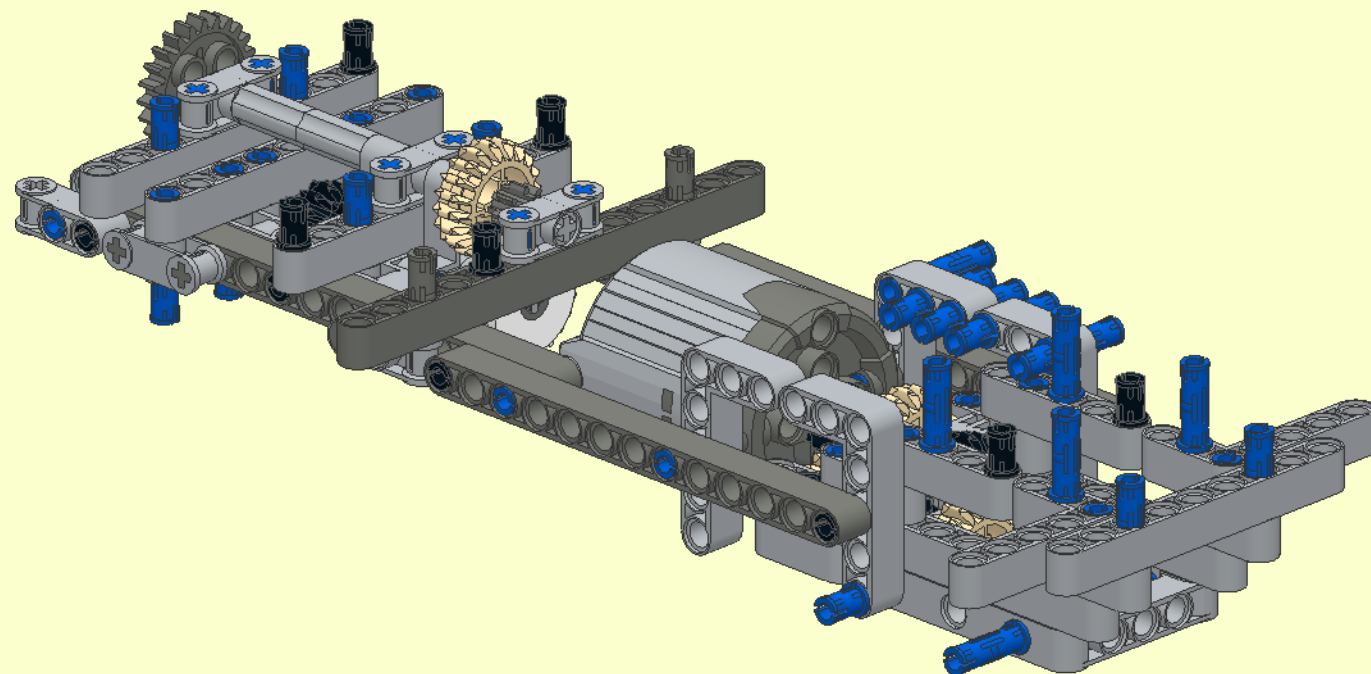
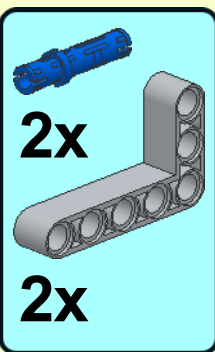
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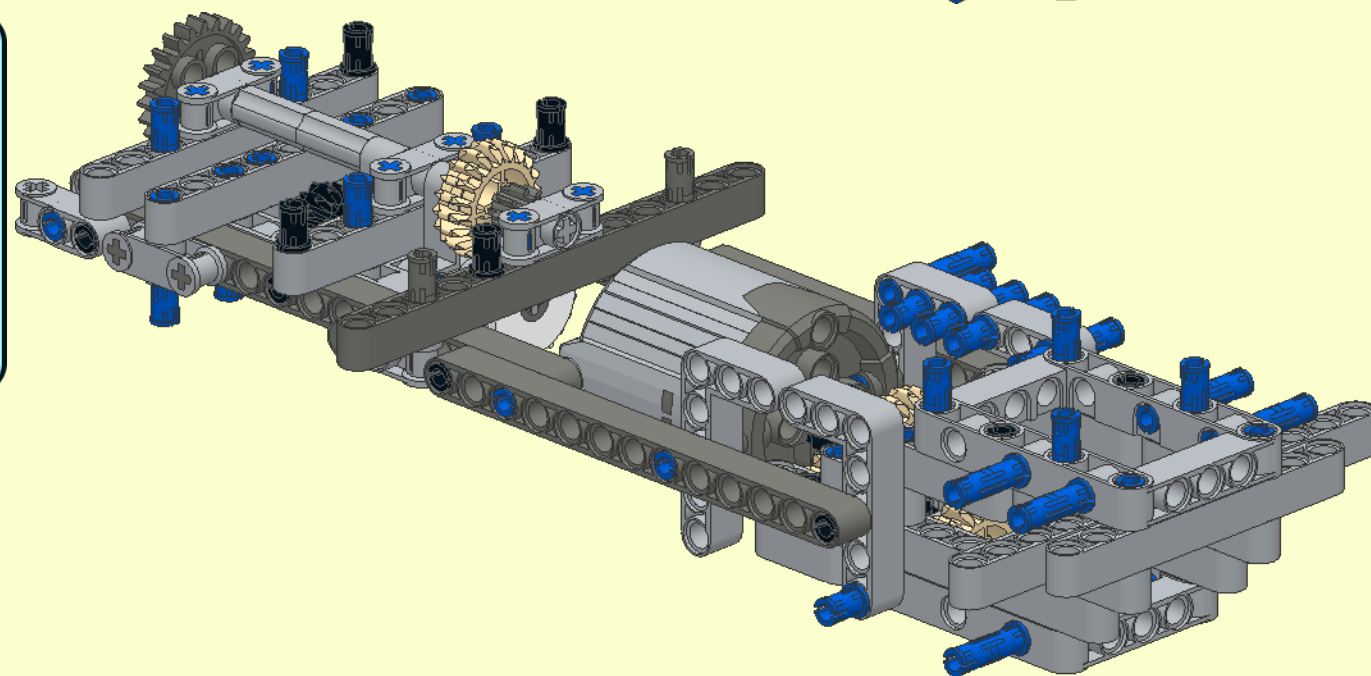
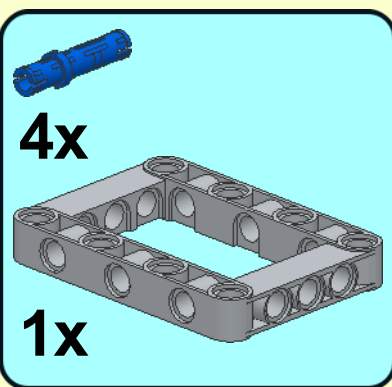
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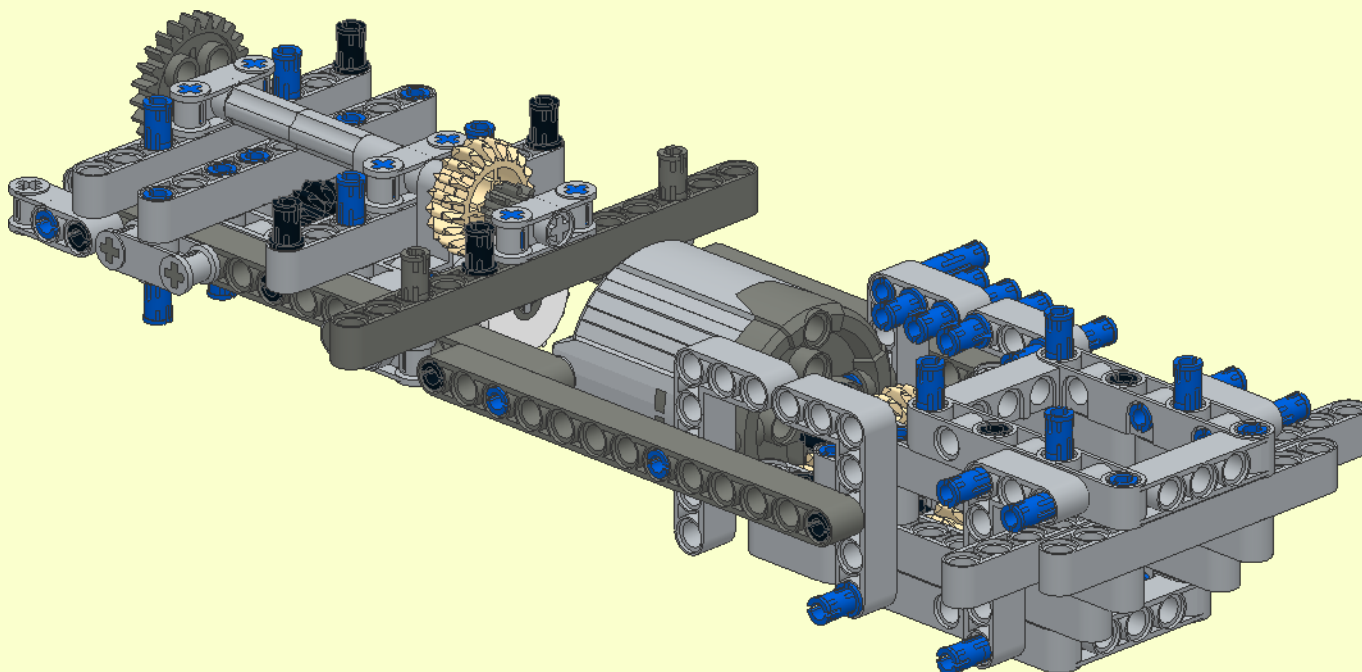
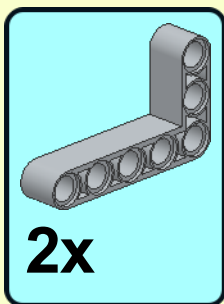
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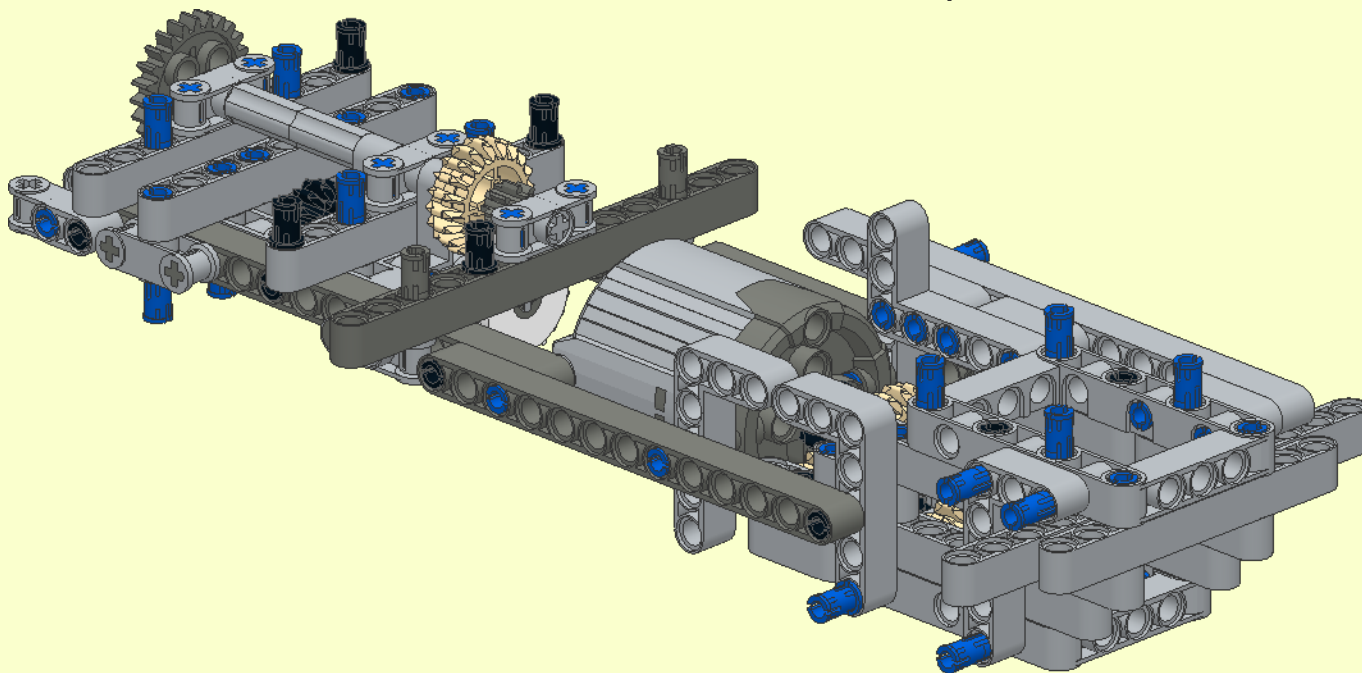
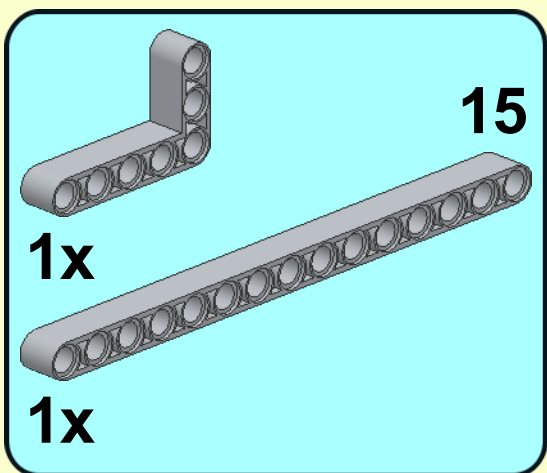
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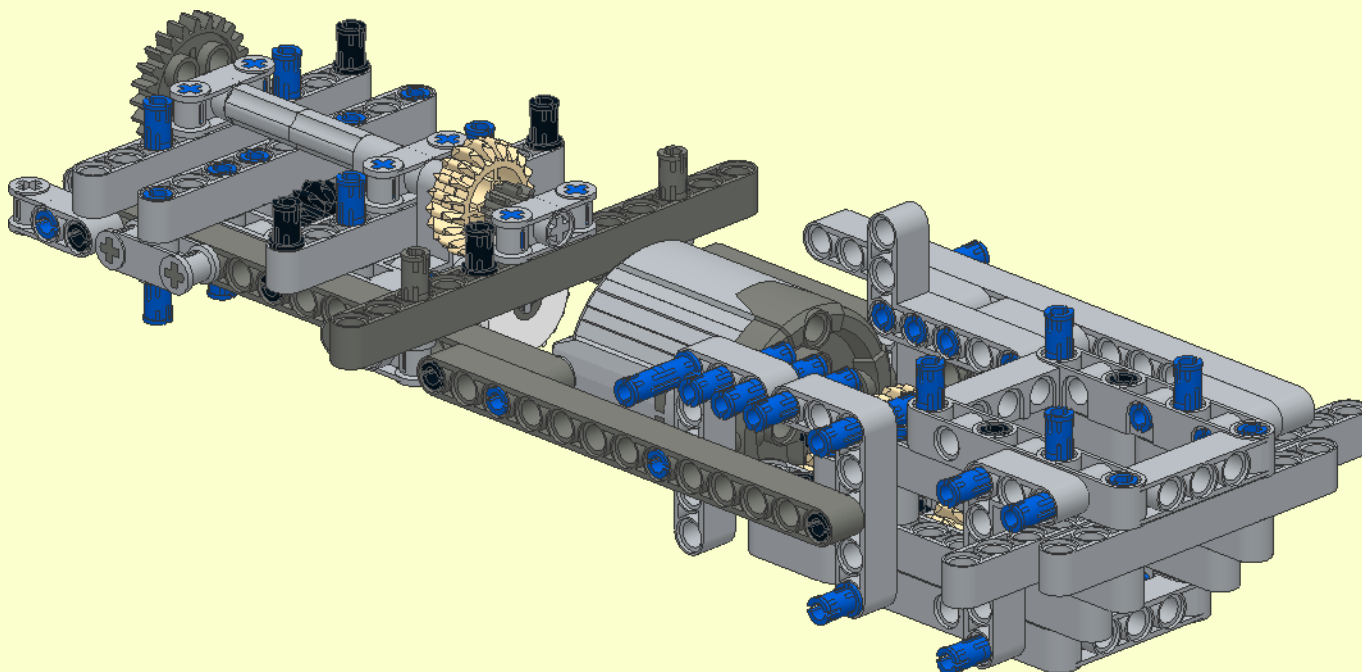
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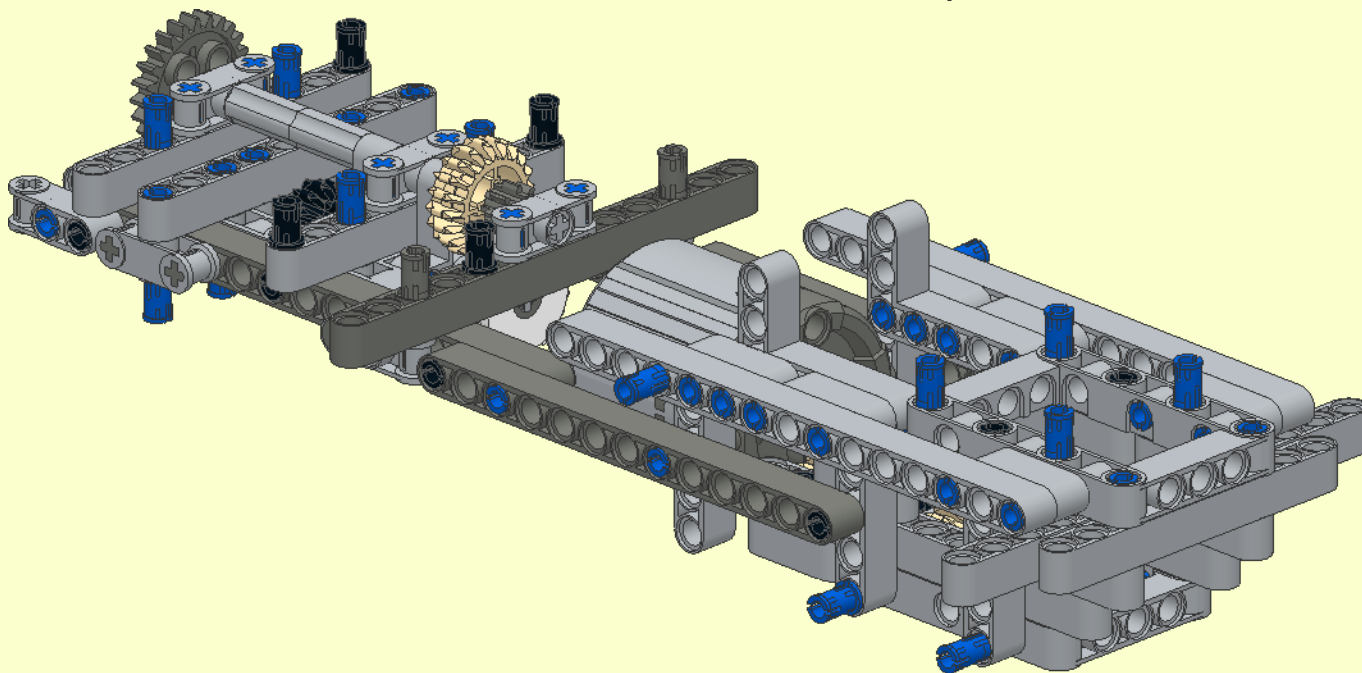
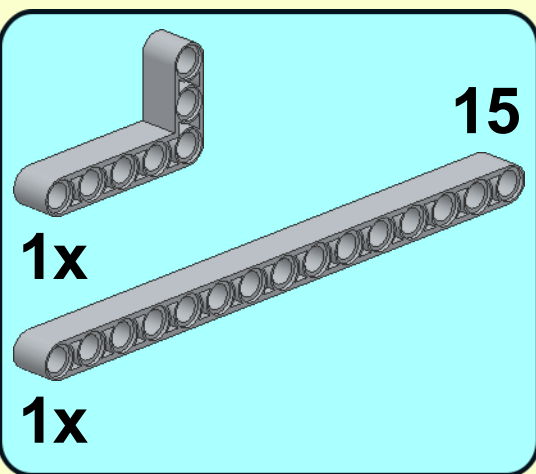
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27



28

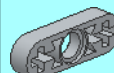


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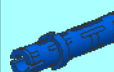
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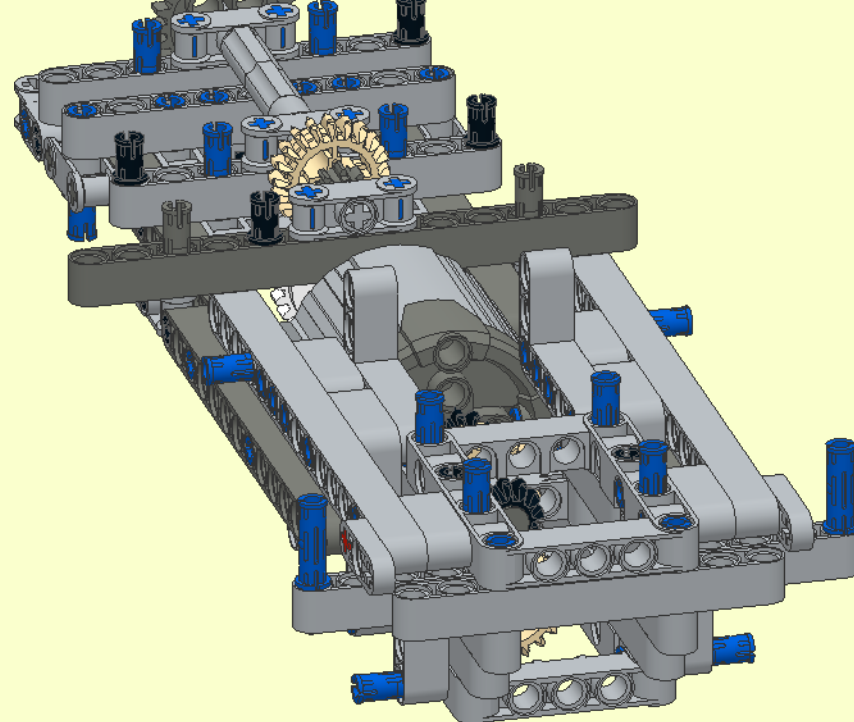
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2x



2x

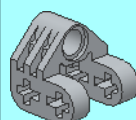


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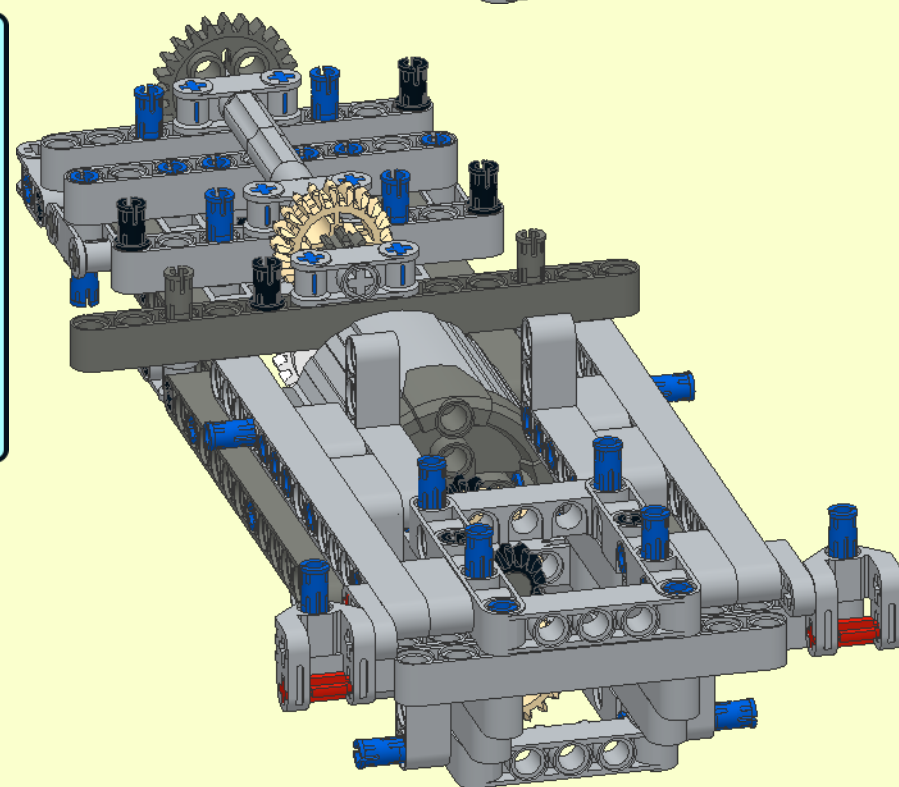
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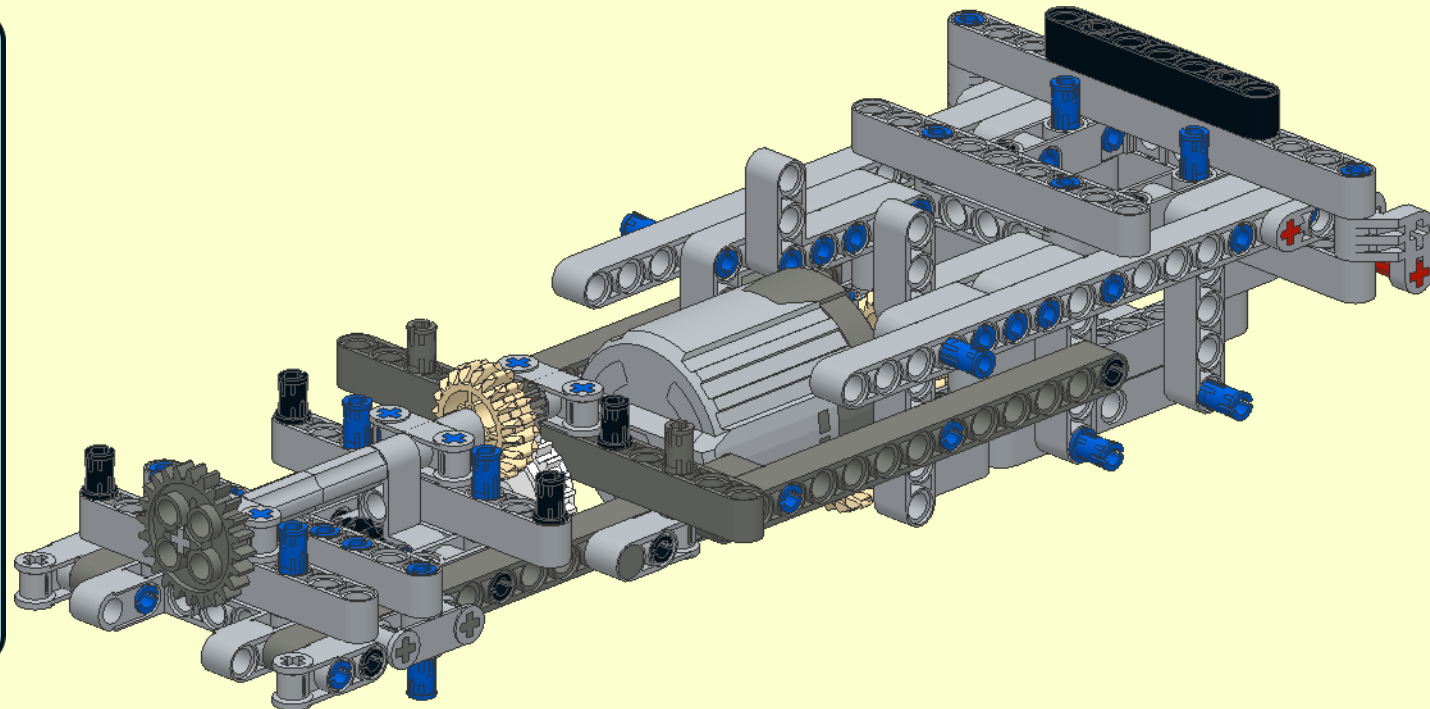
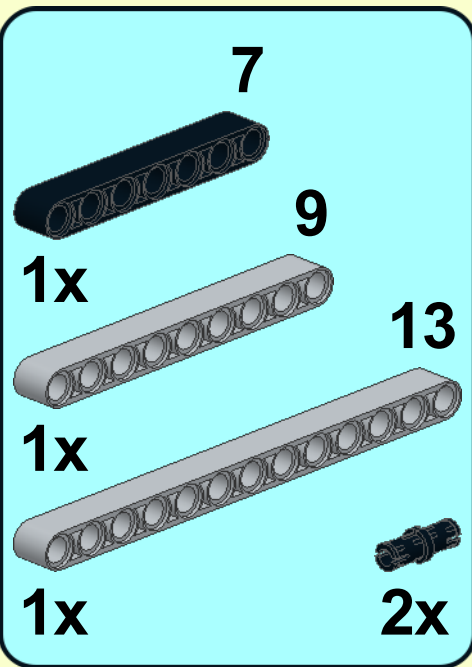
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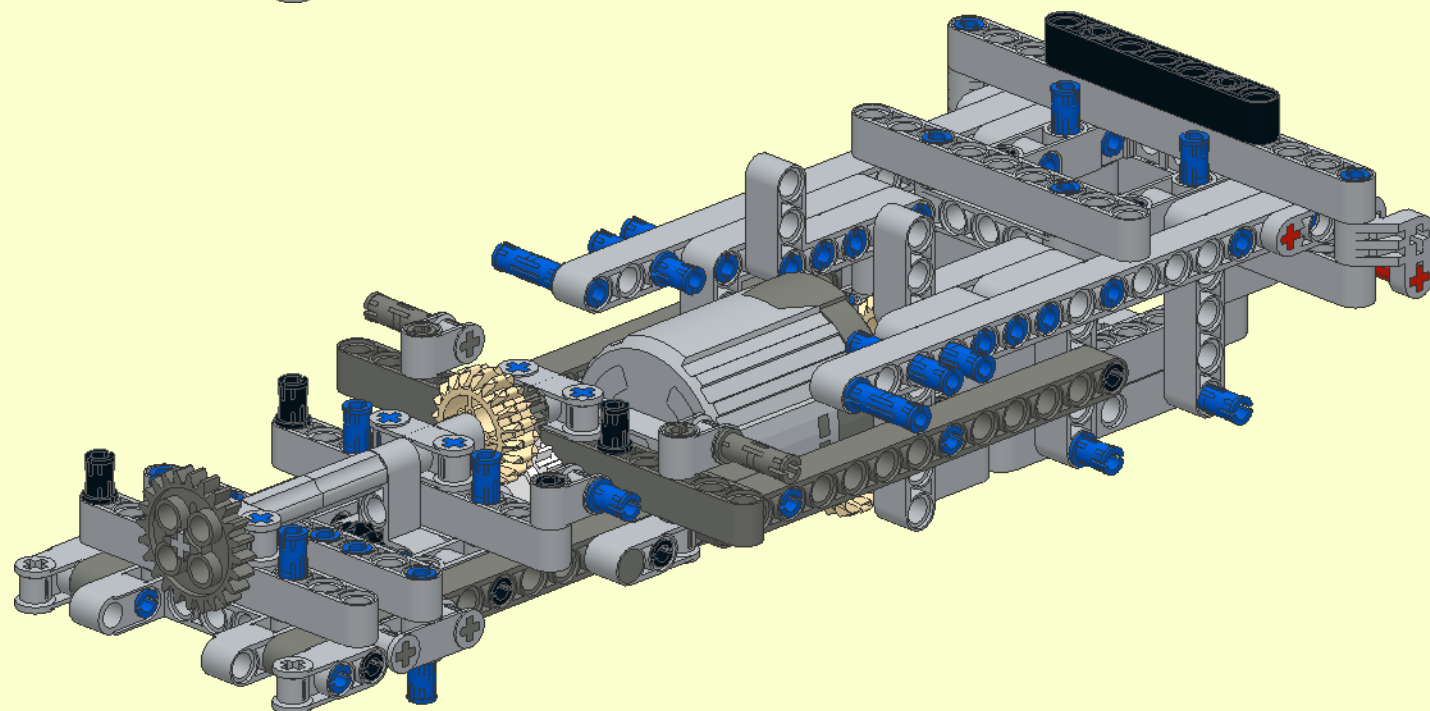
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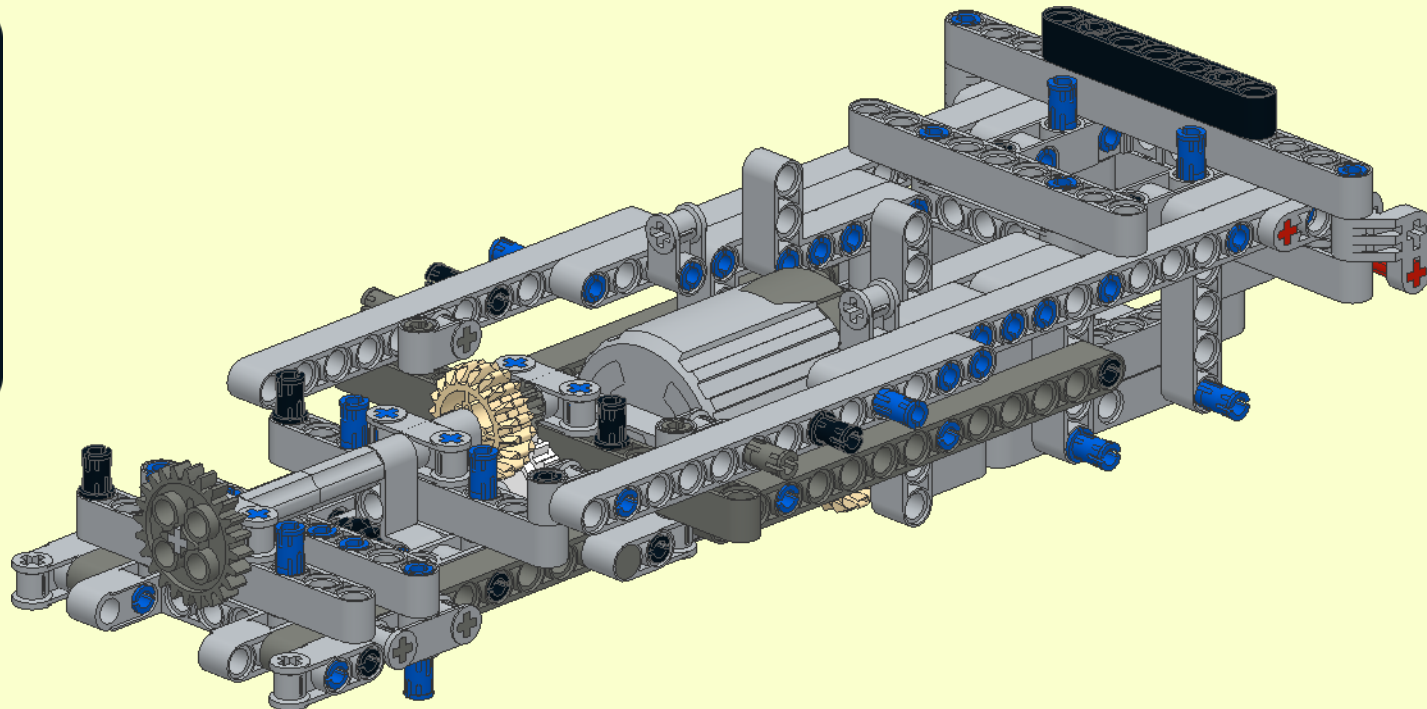
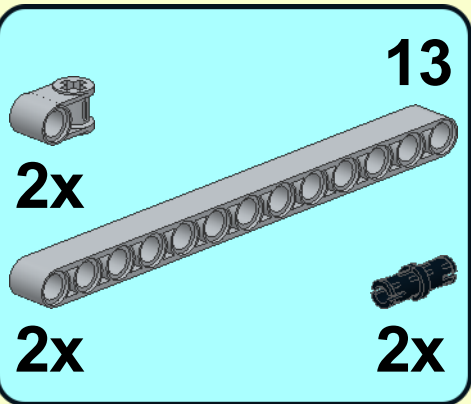
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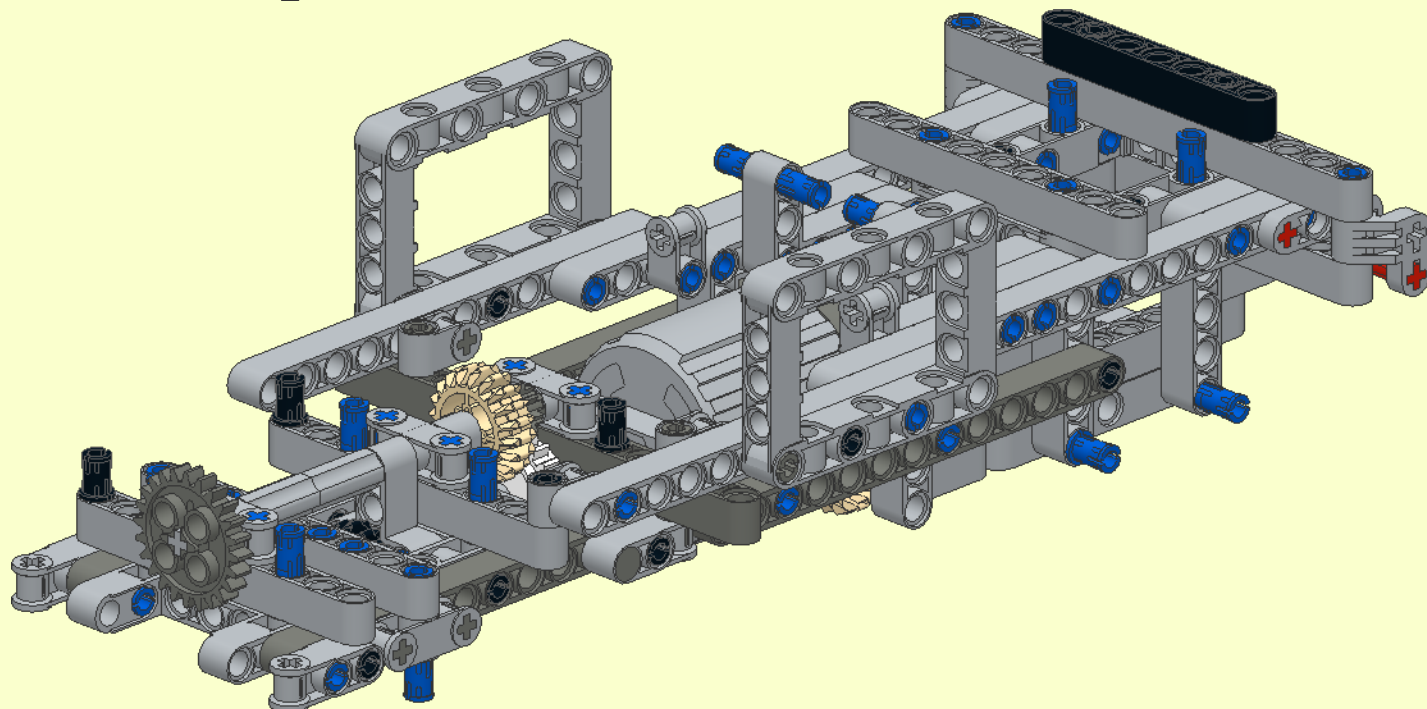
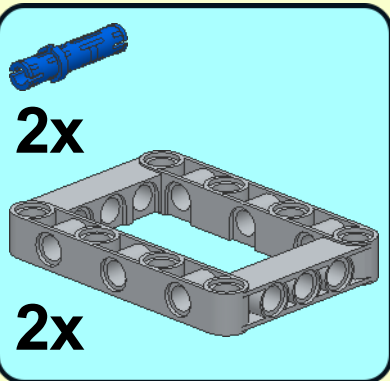
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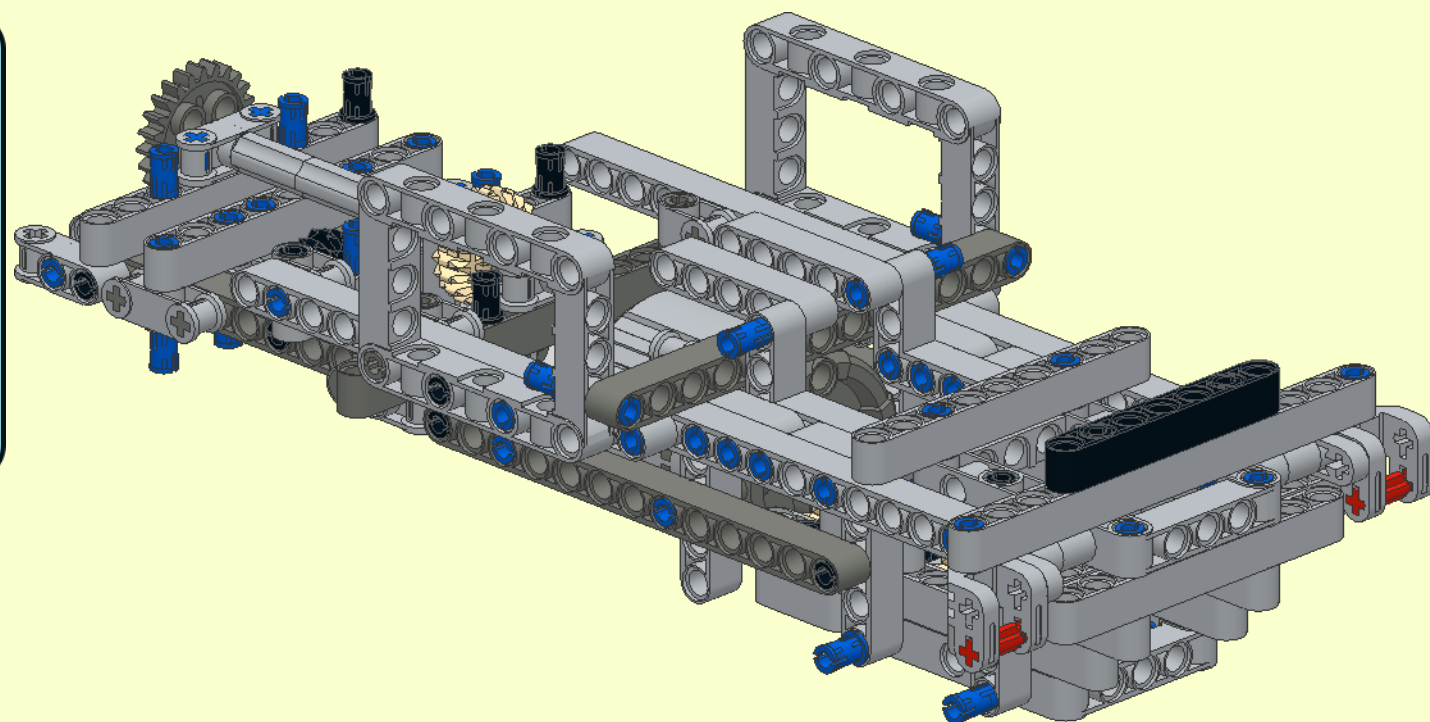
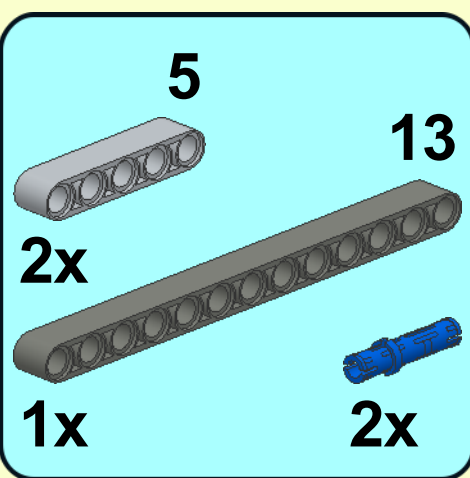
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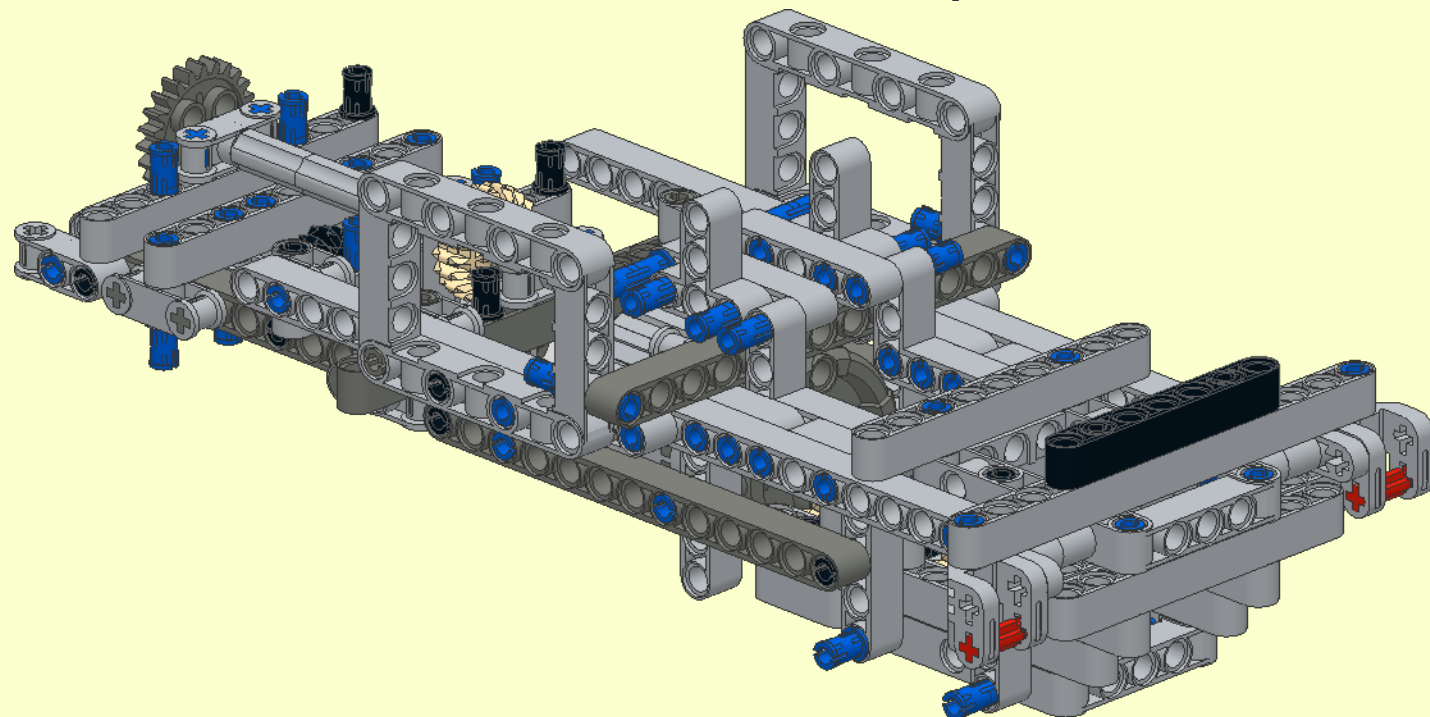
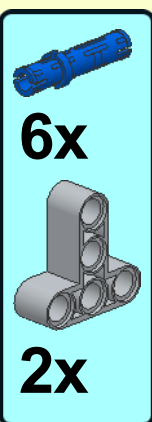
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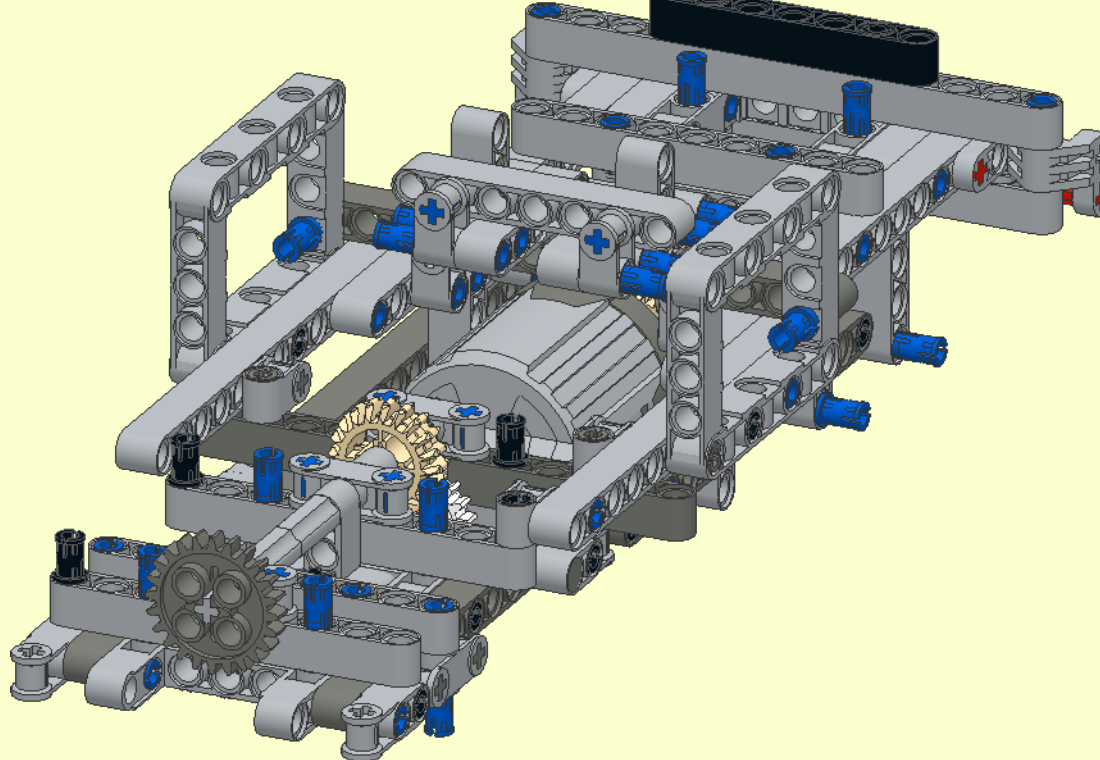
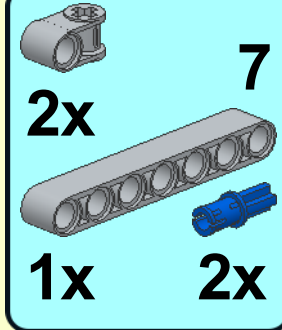
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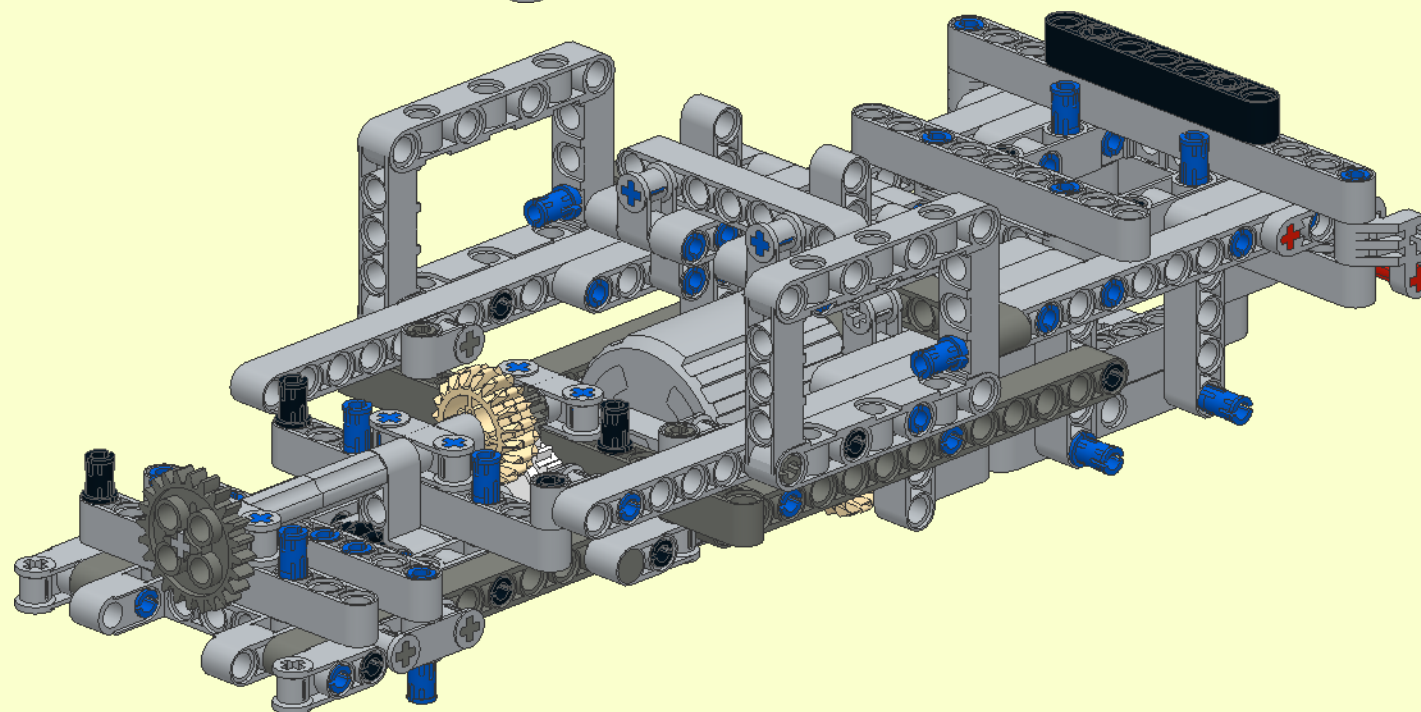
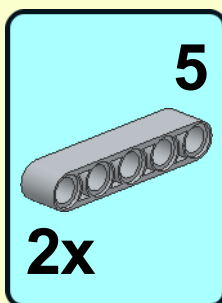
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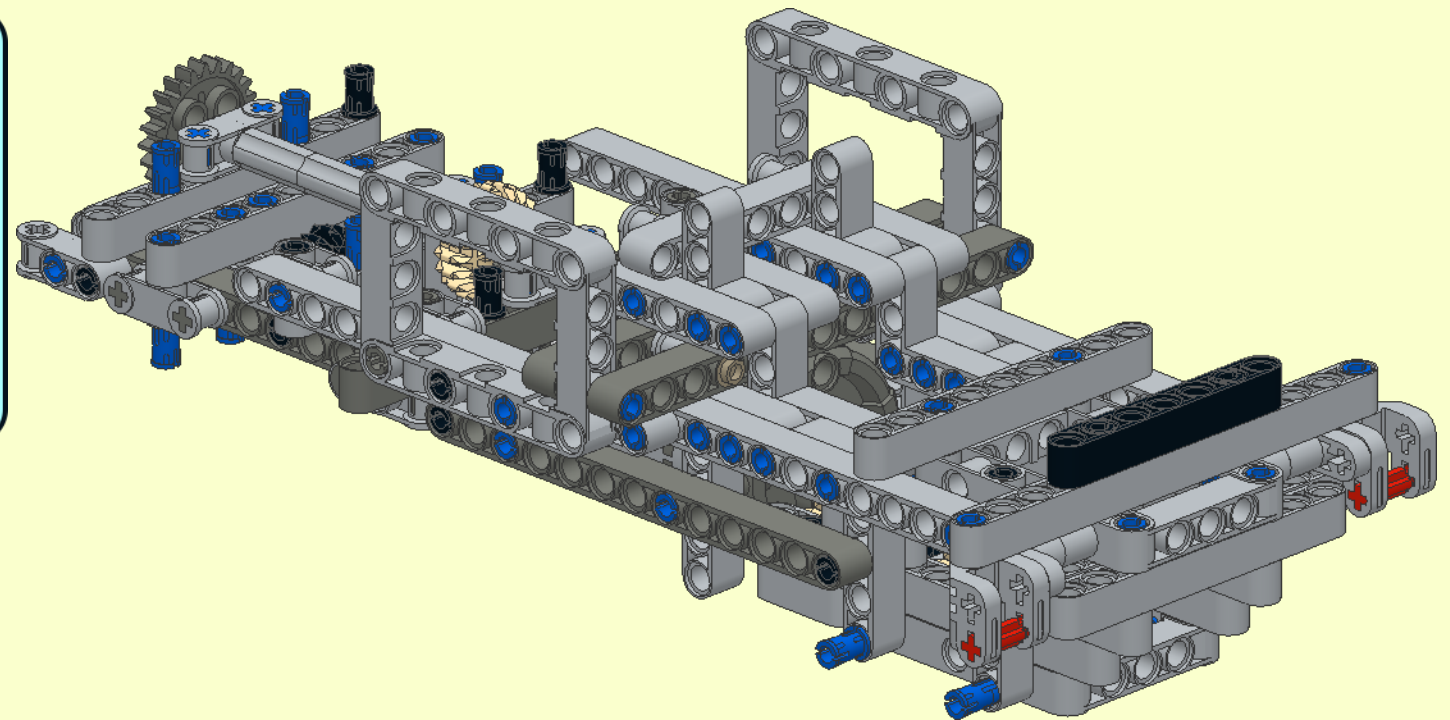
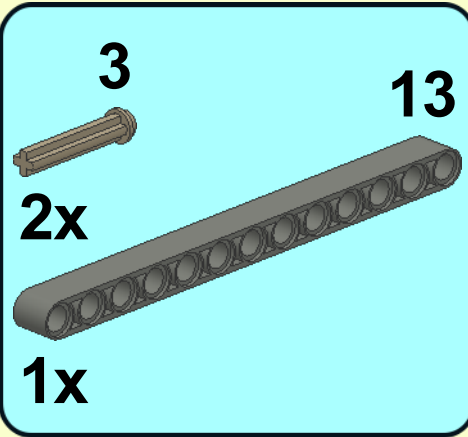
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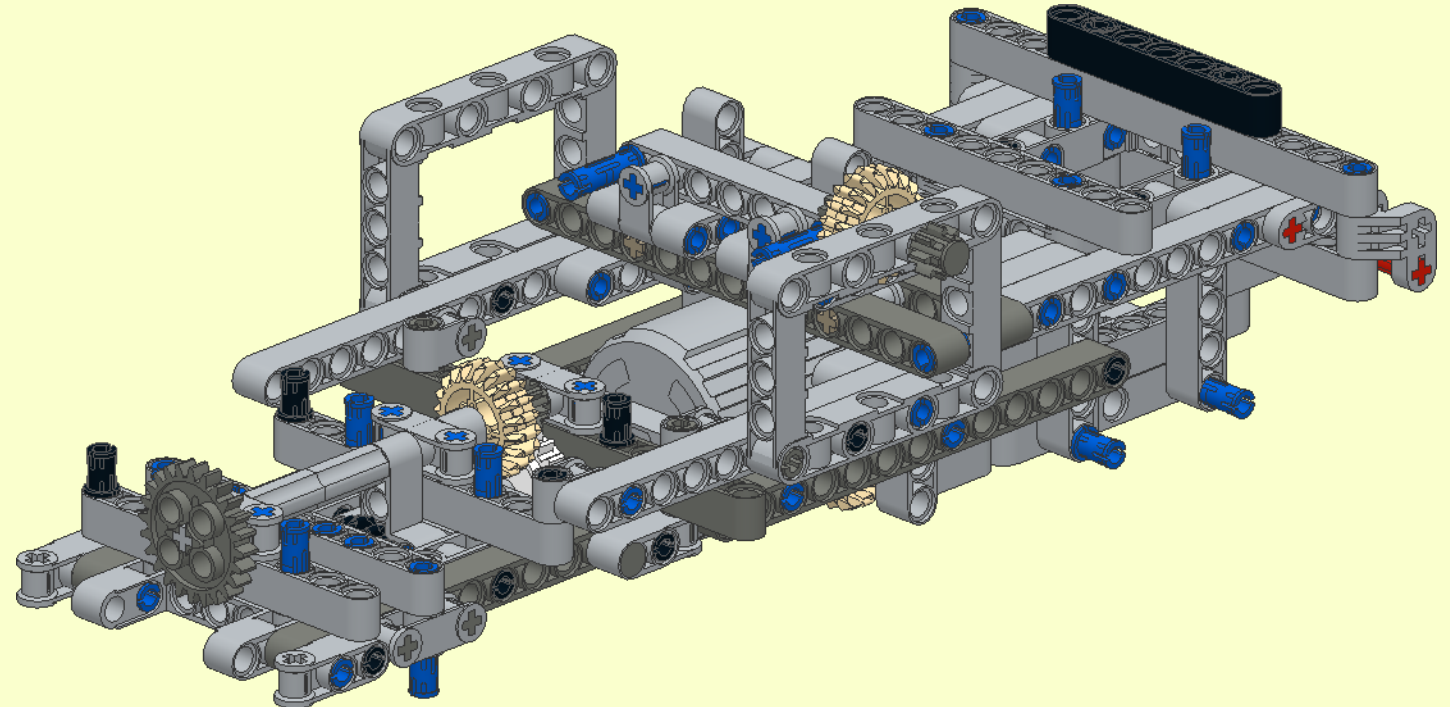
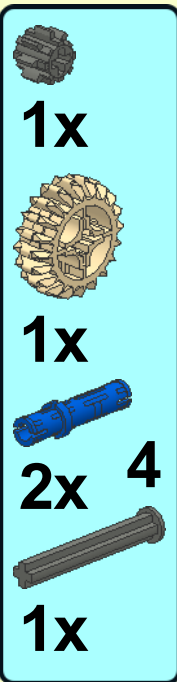
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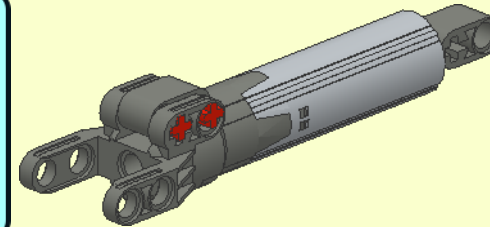
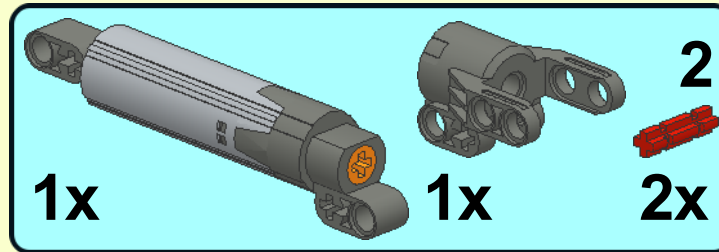
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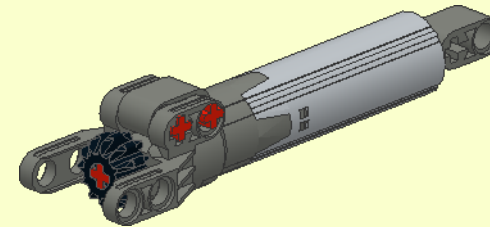
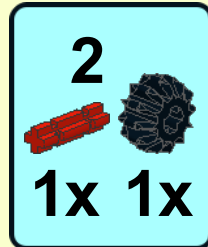
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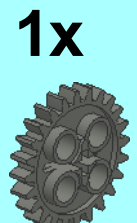
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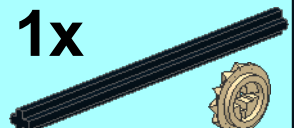
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1x



1x



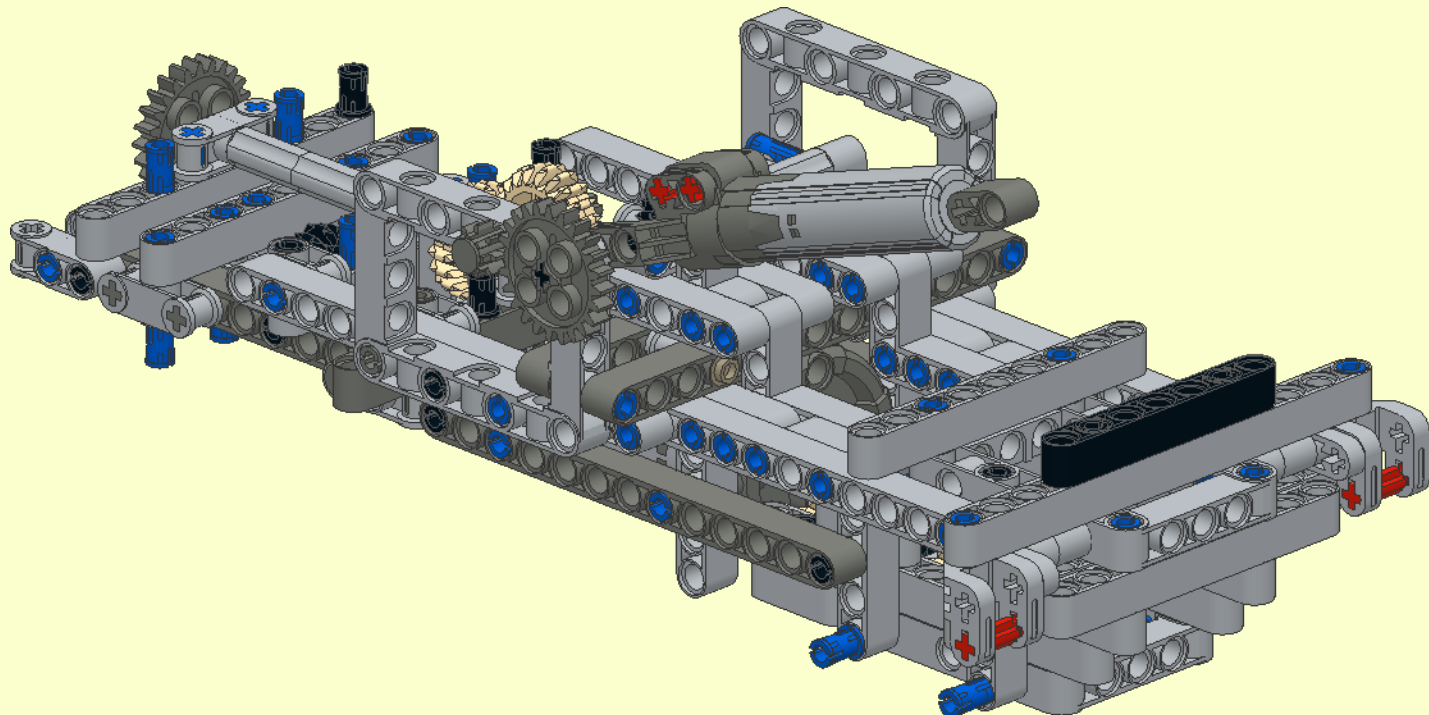
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8



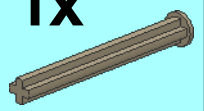
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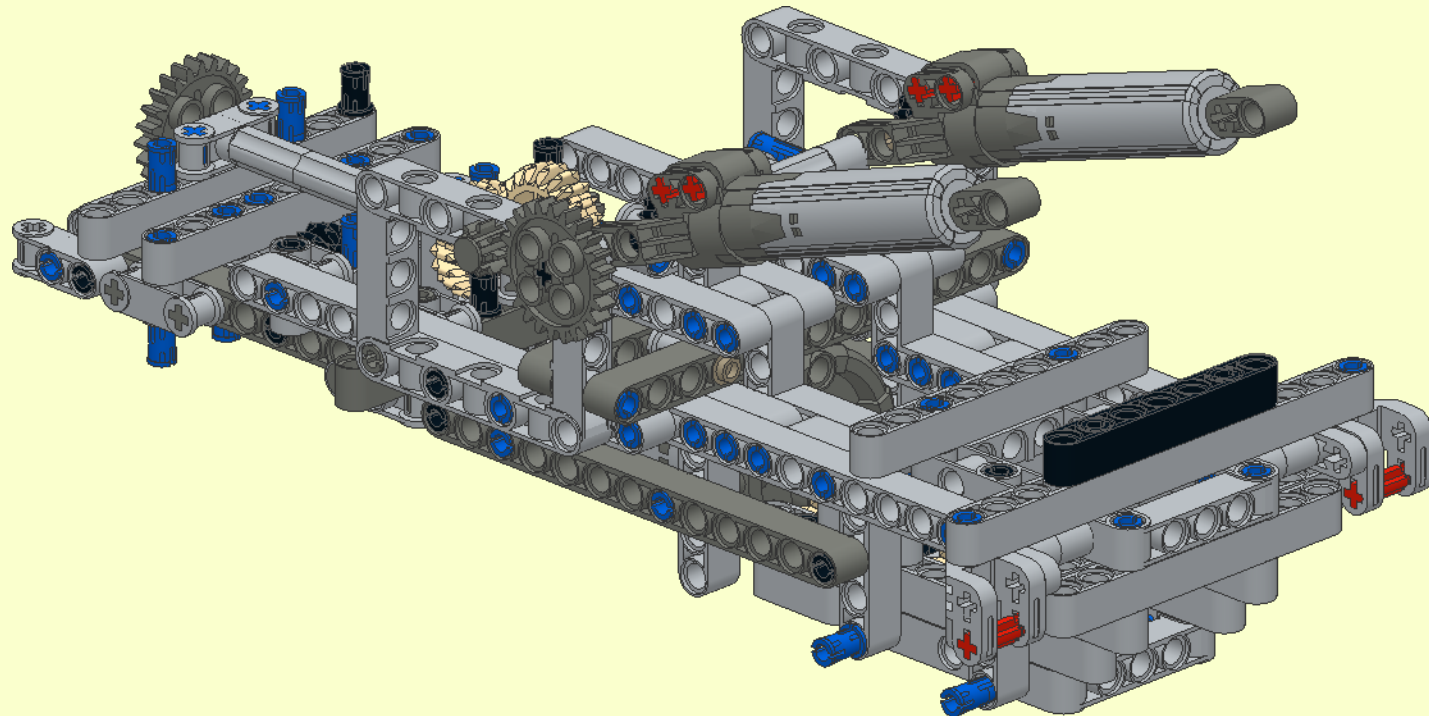
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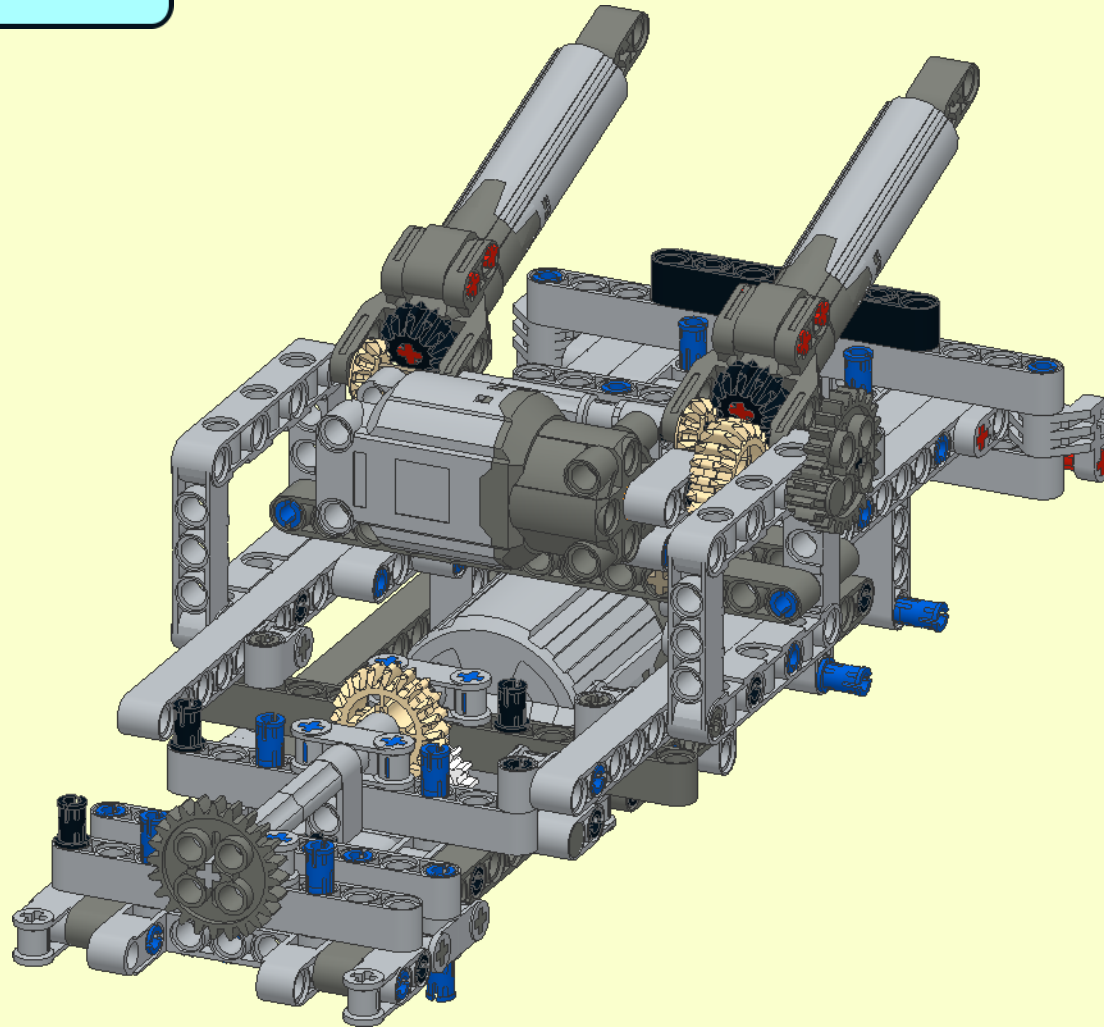
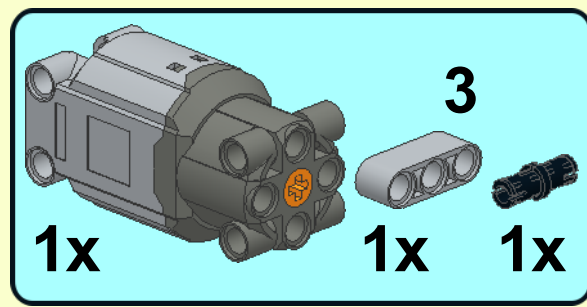
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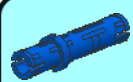
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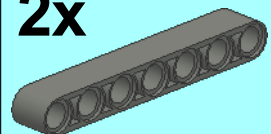


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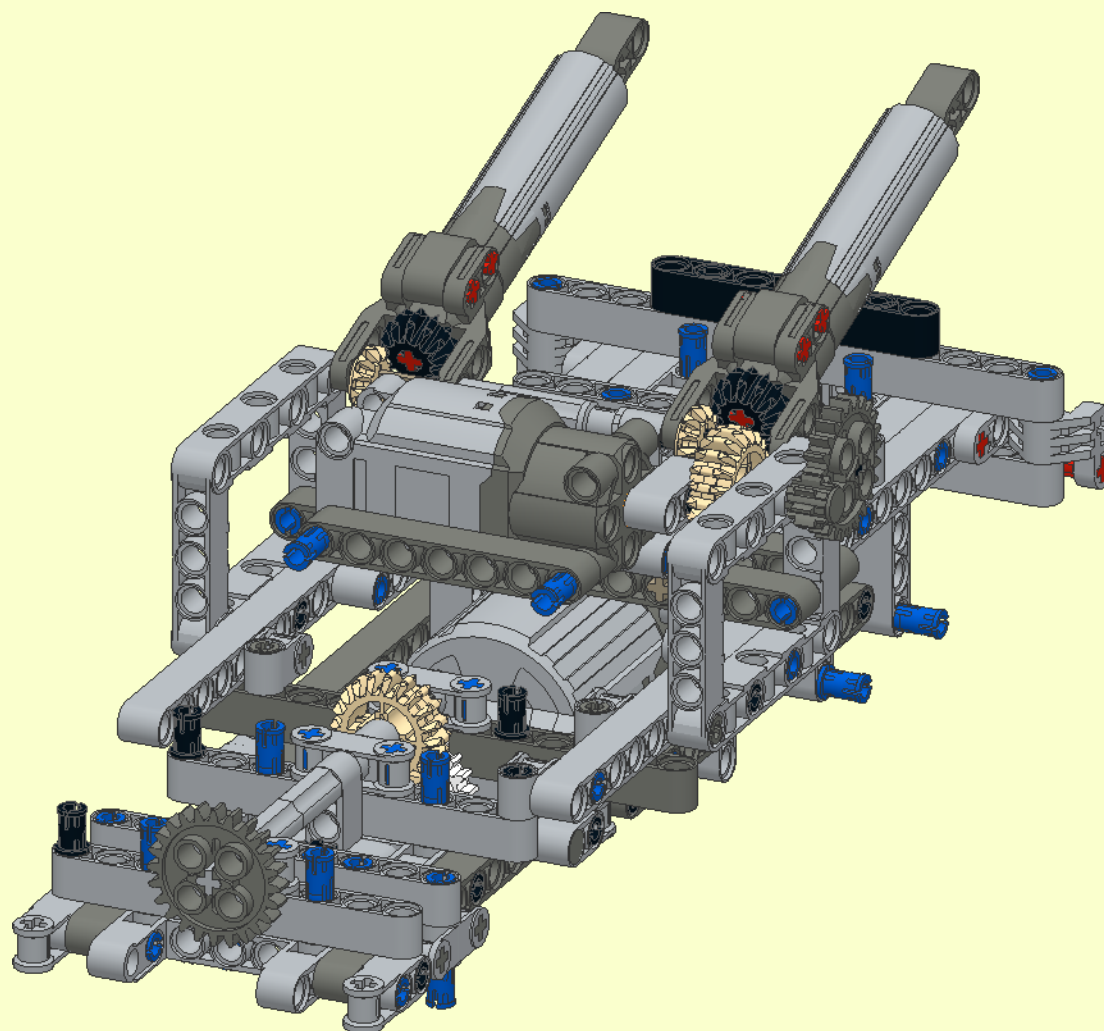


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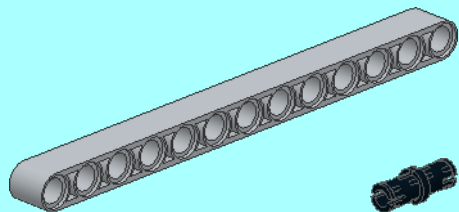


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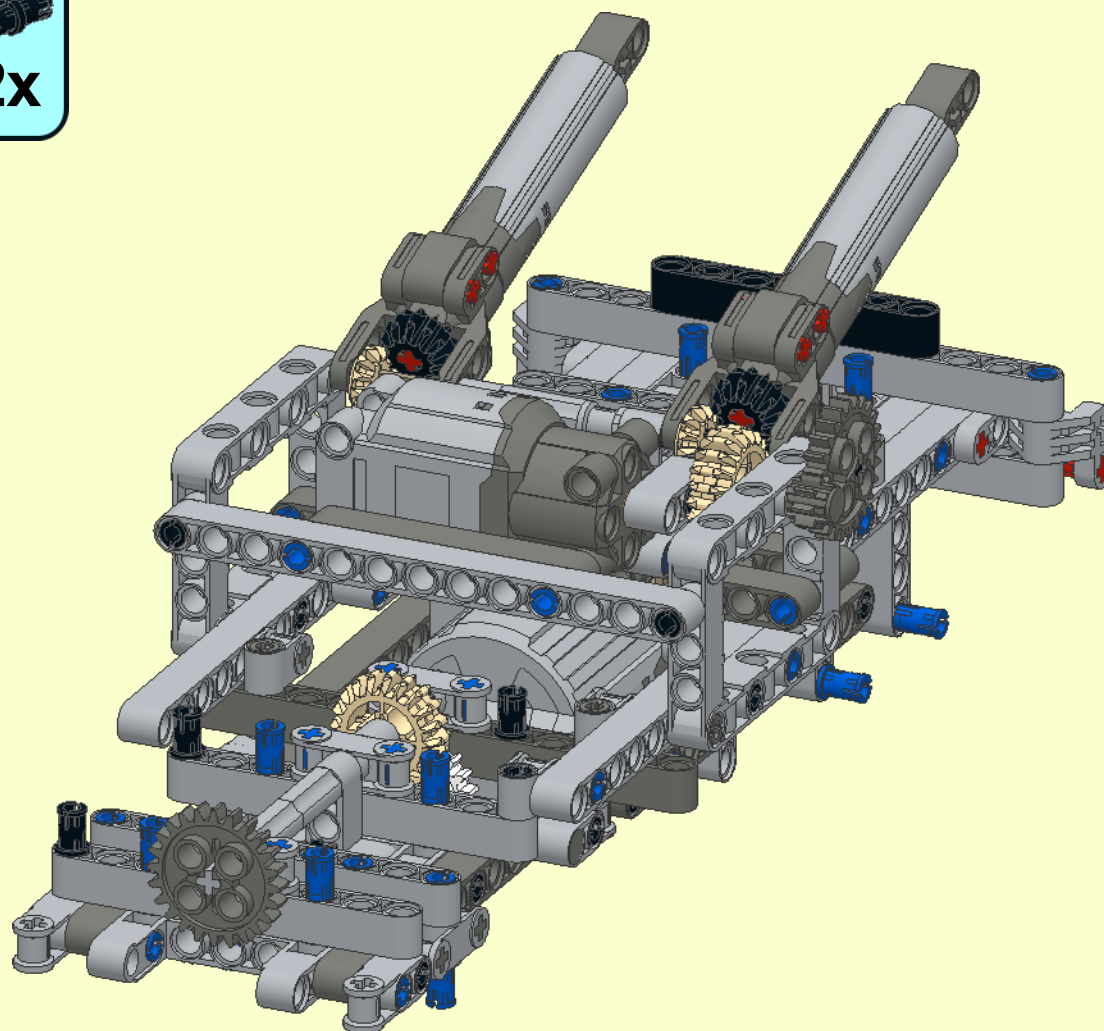
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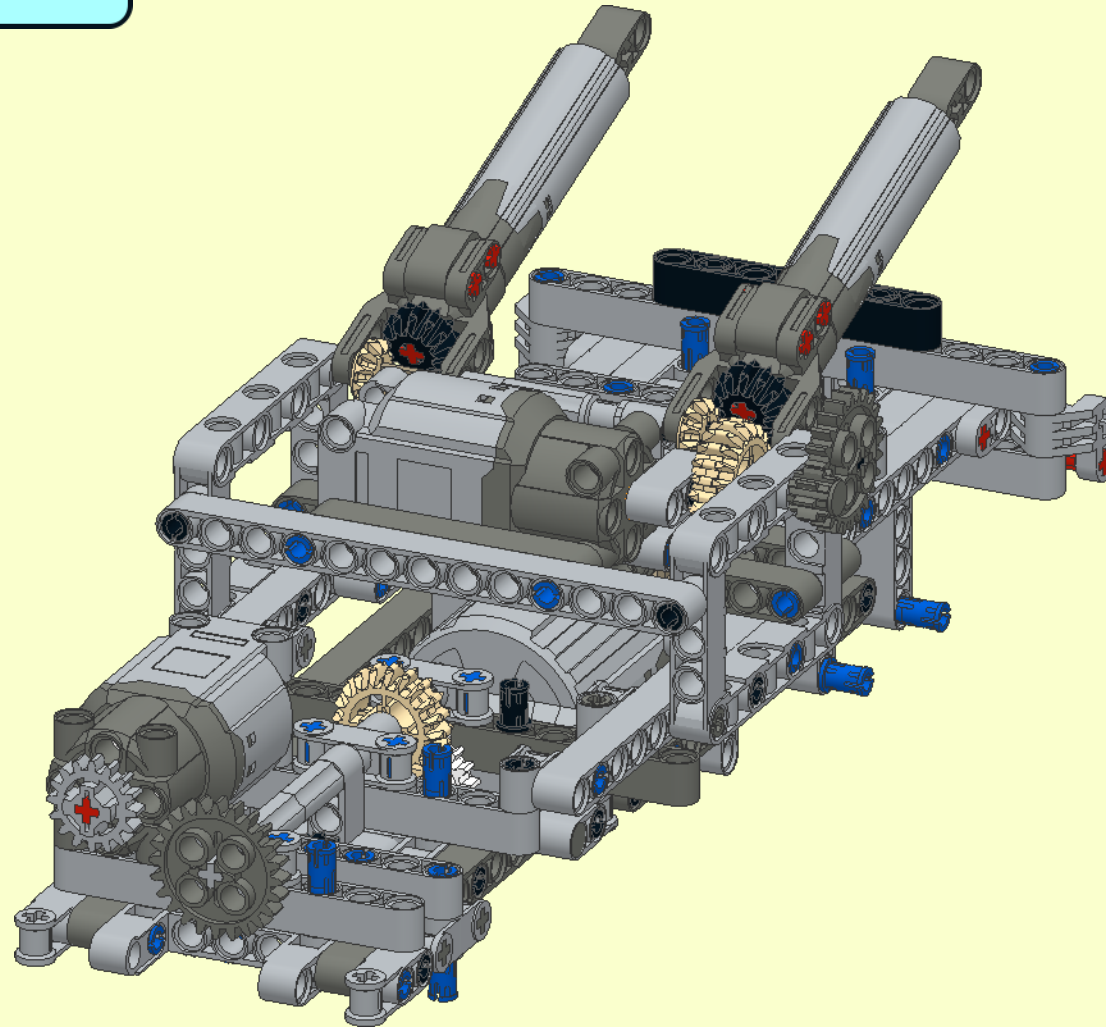
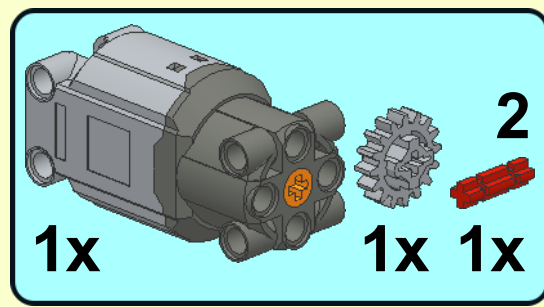


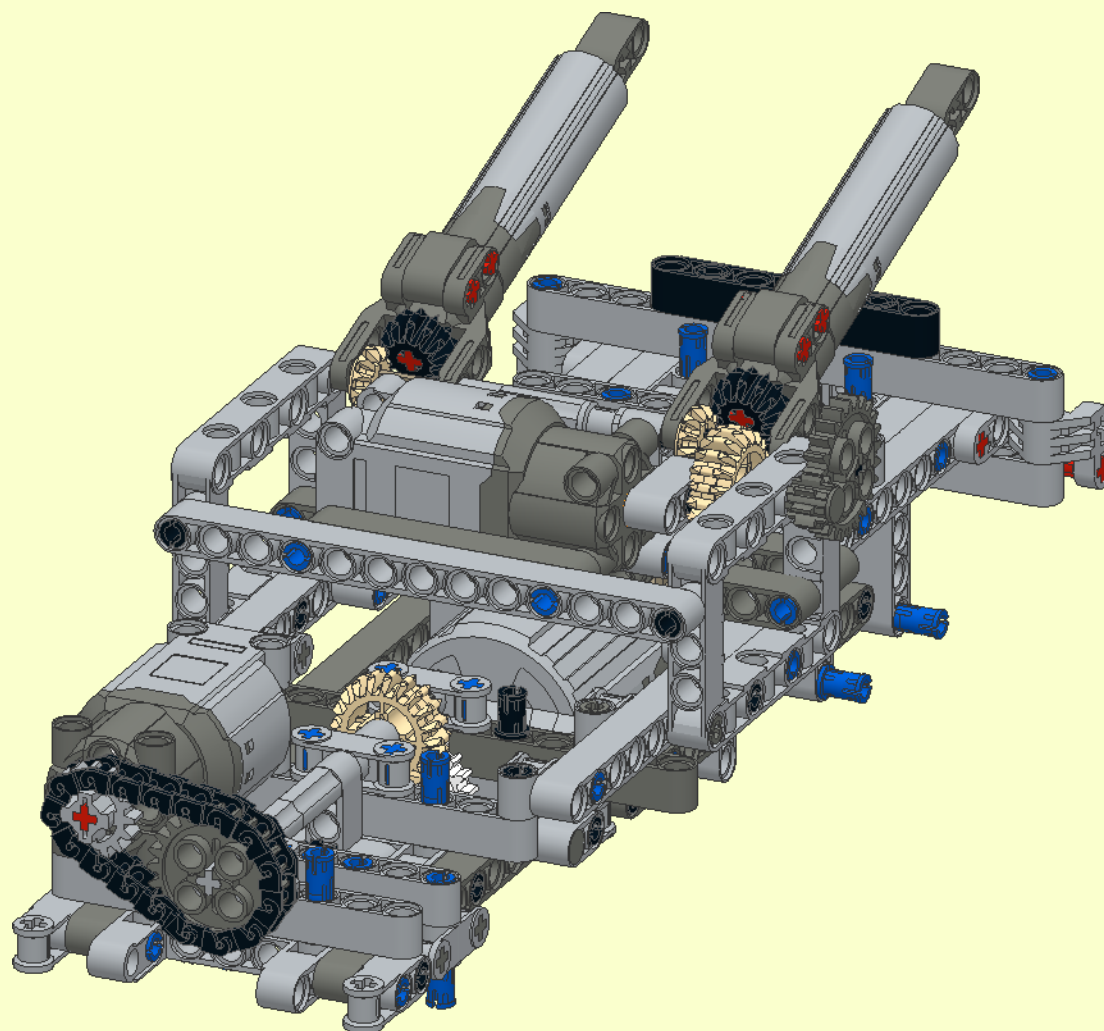
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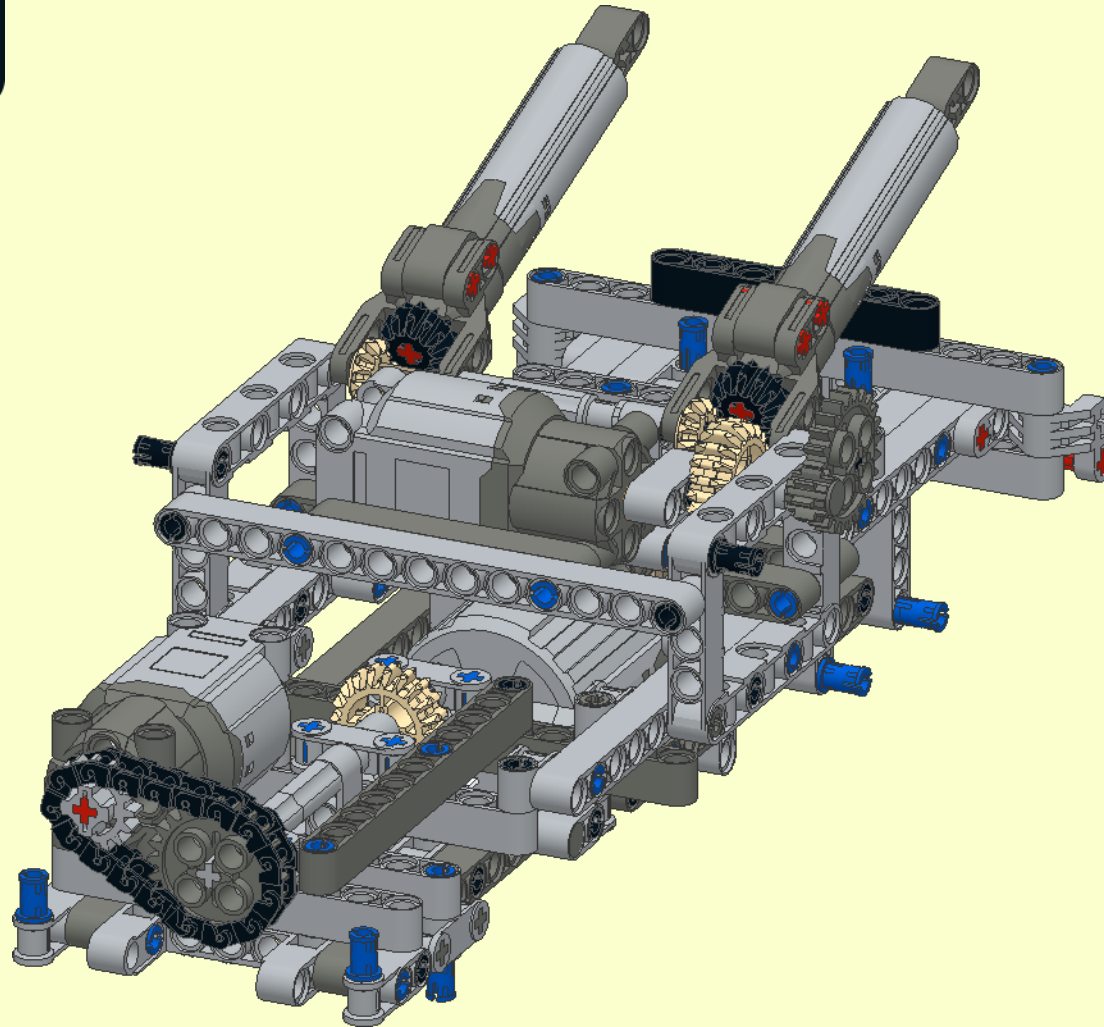
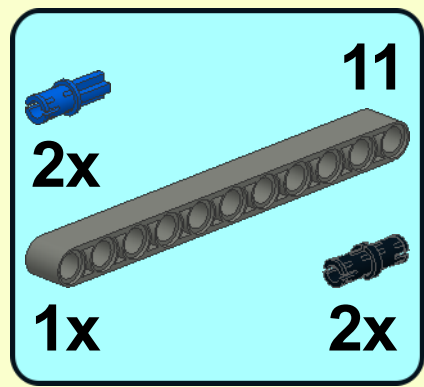


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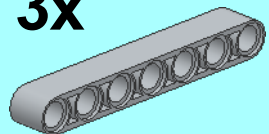


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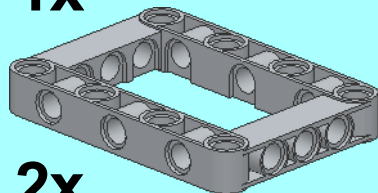


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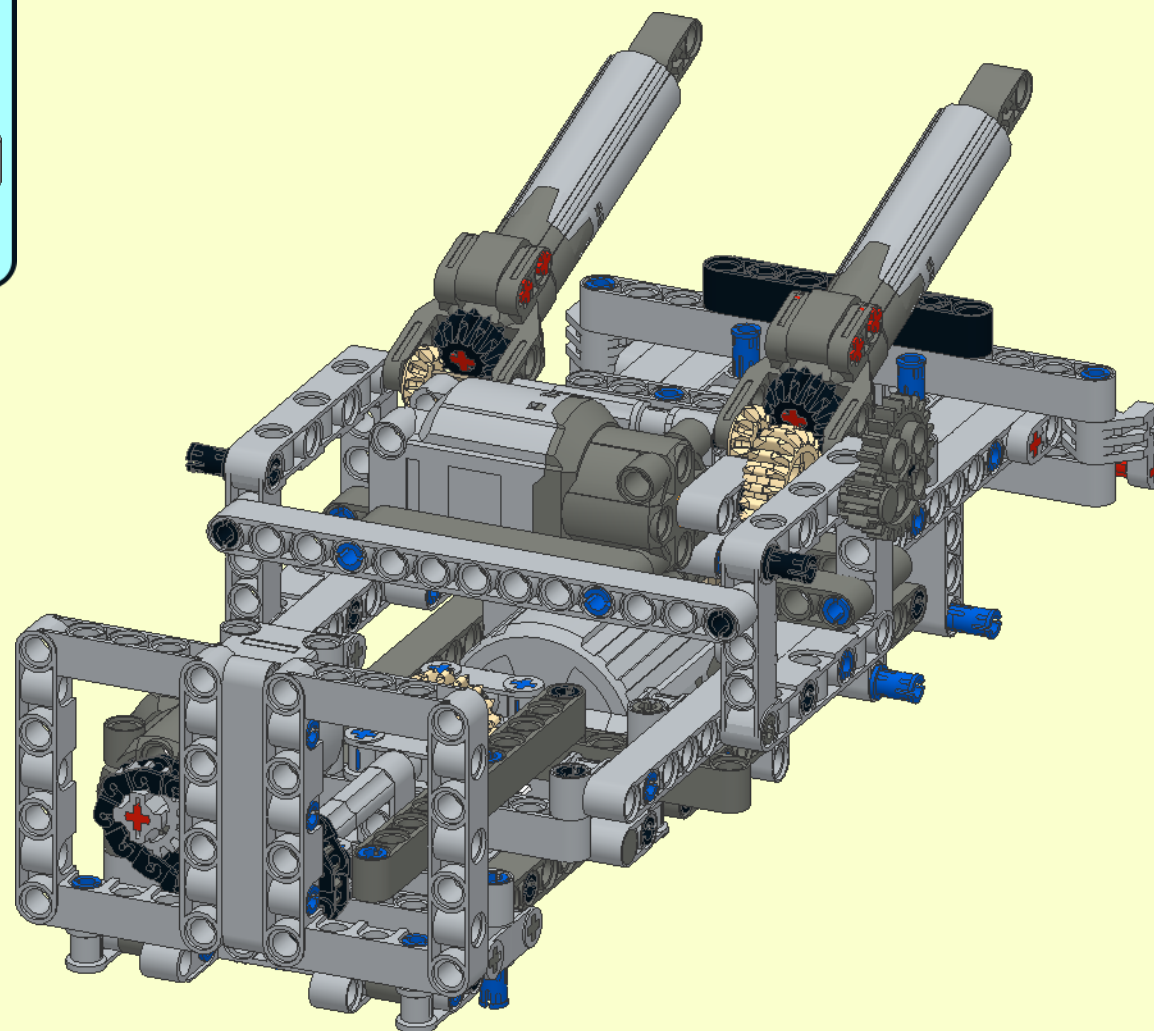
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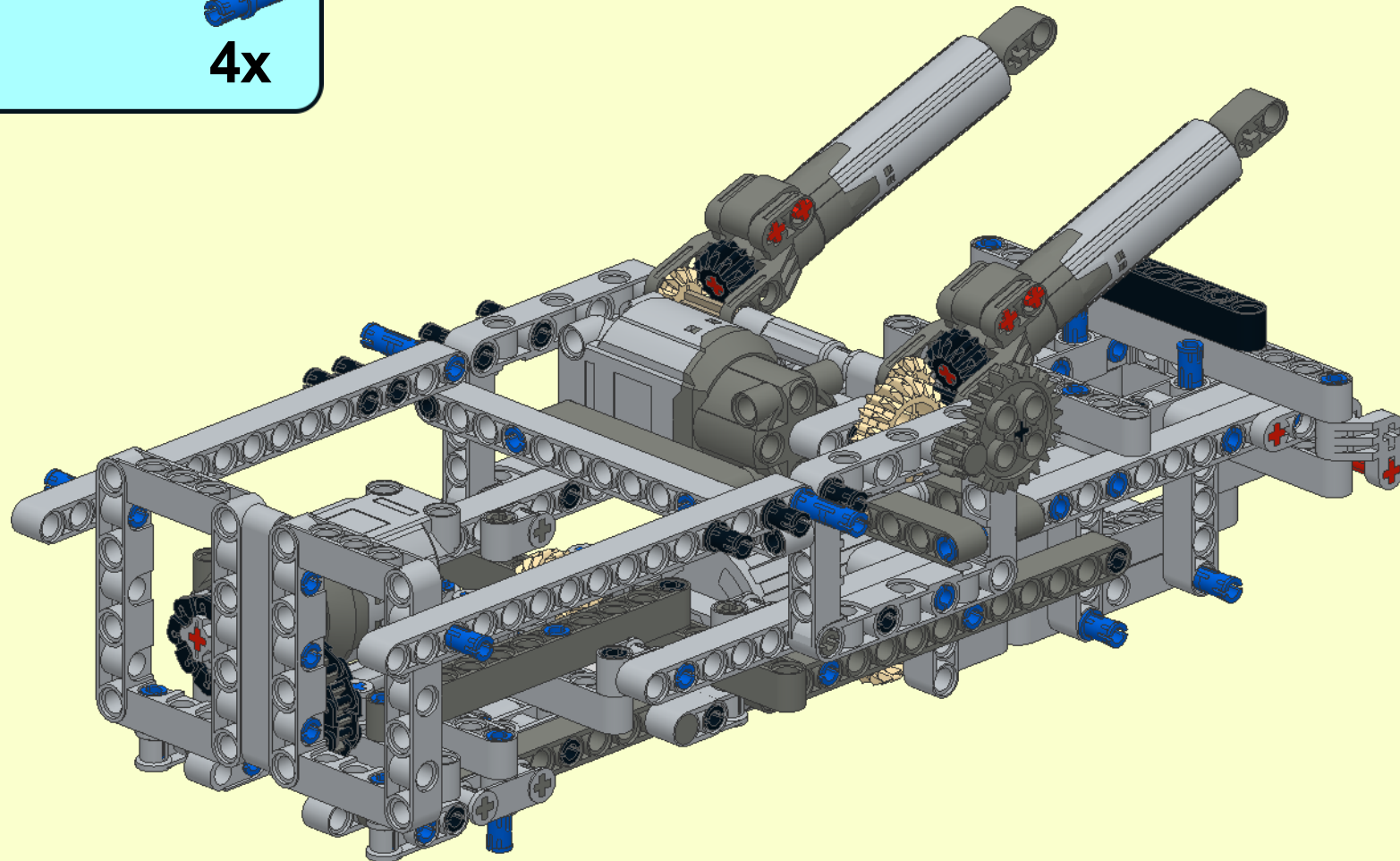
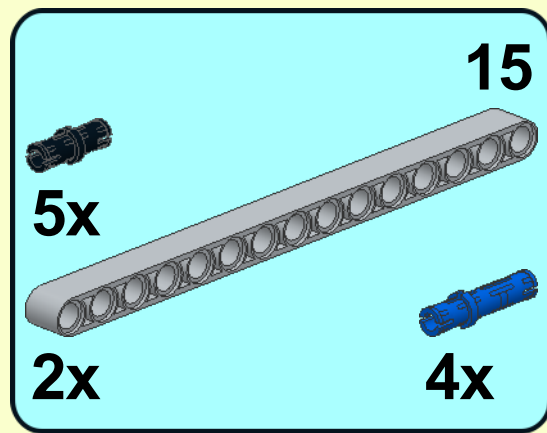
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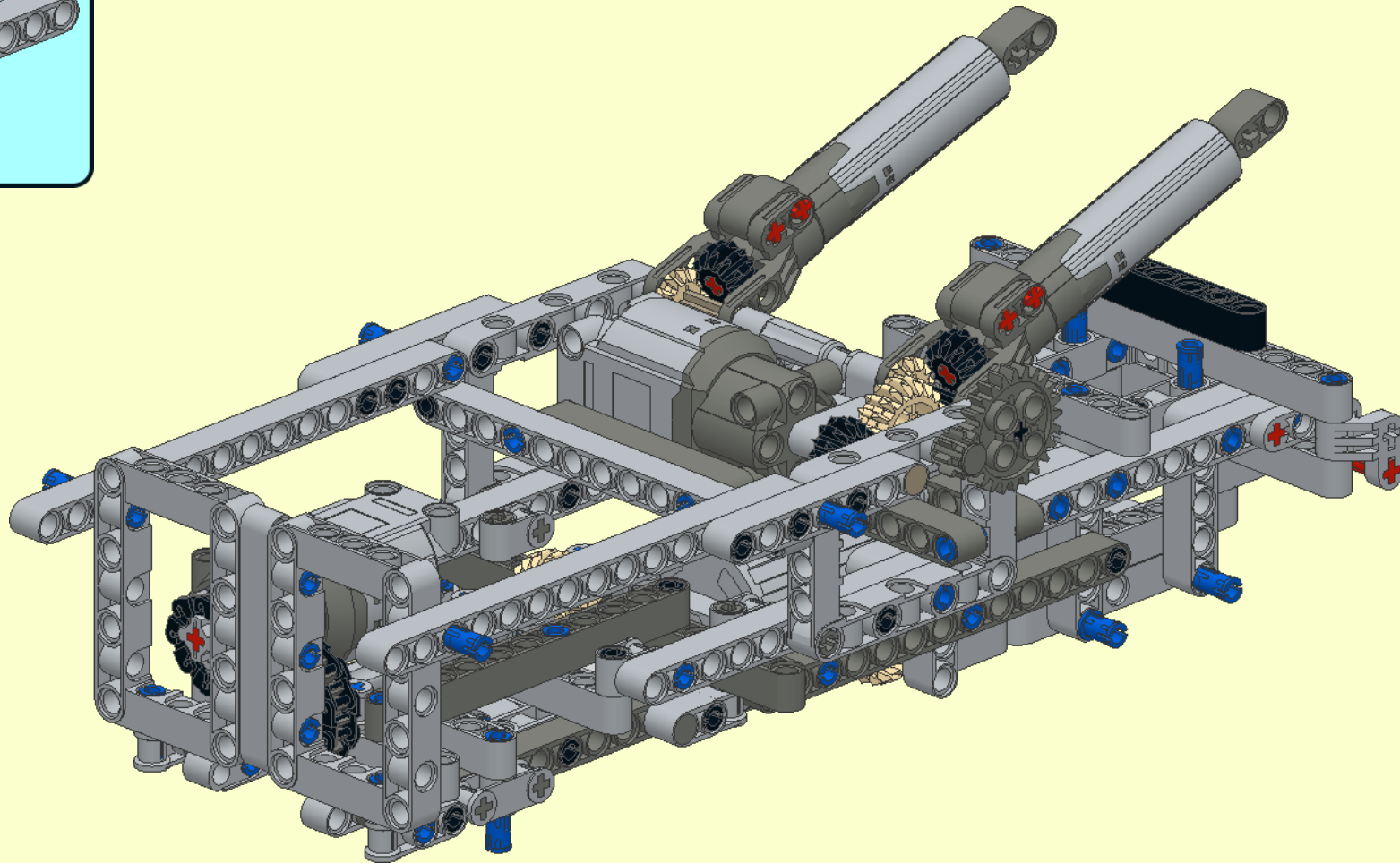
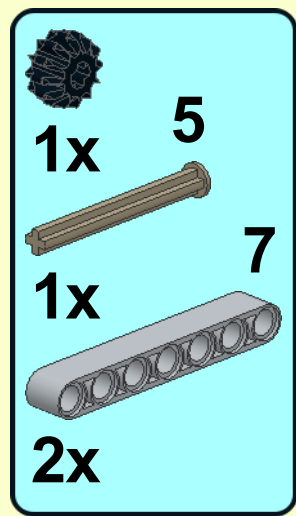
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50



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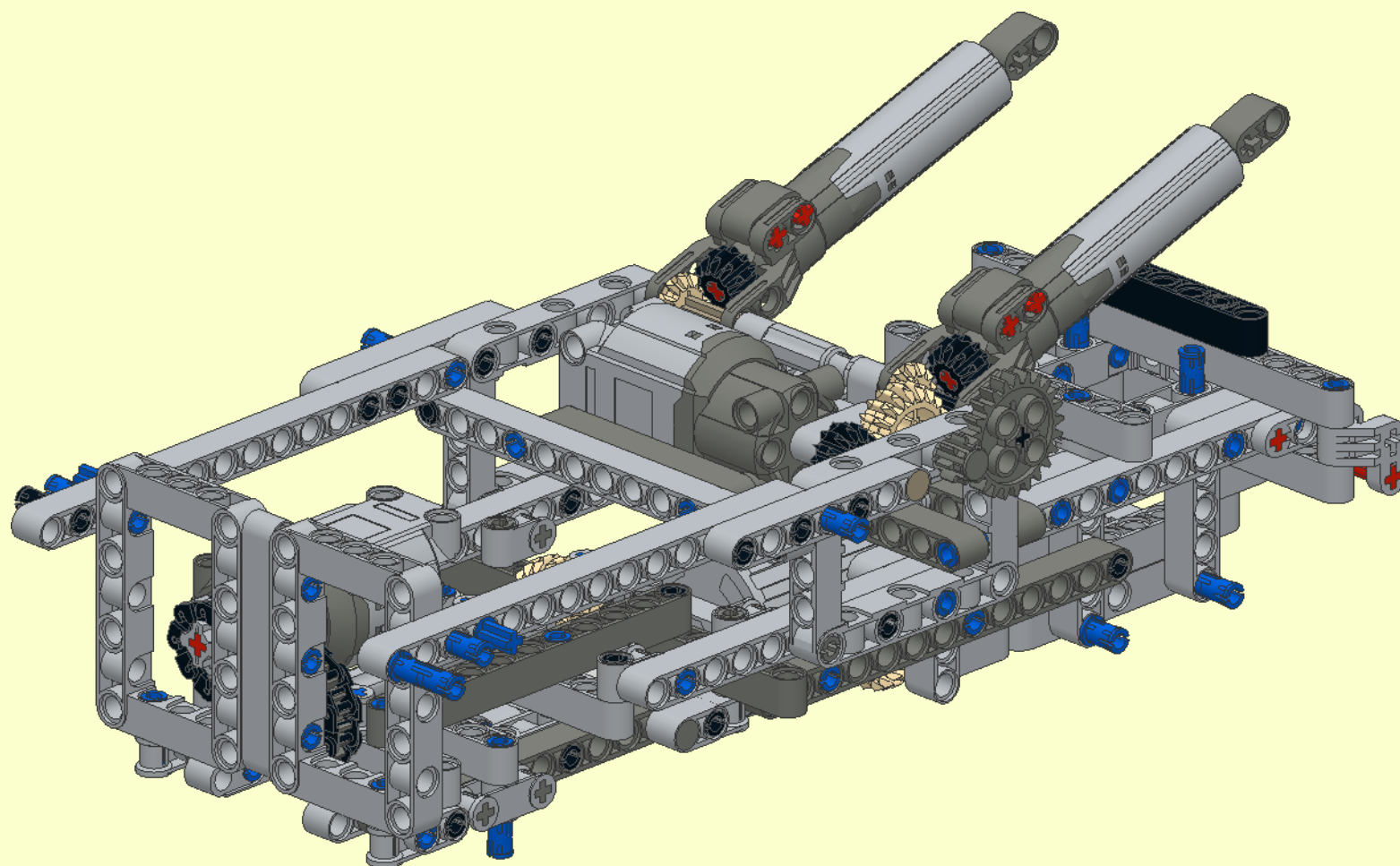


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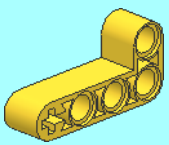

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1x

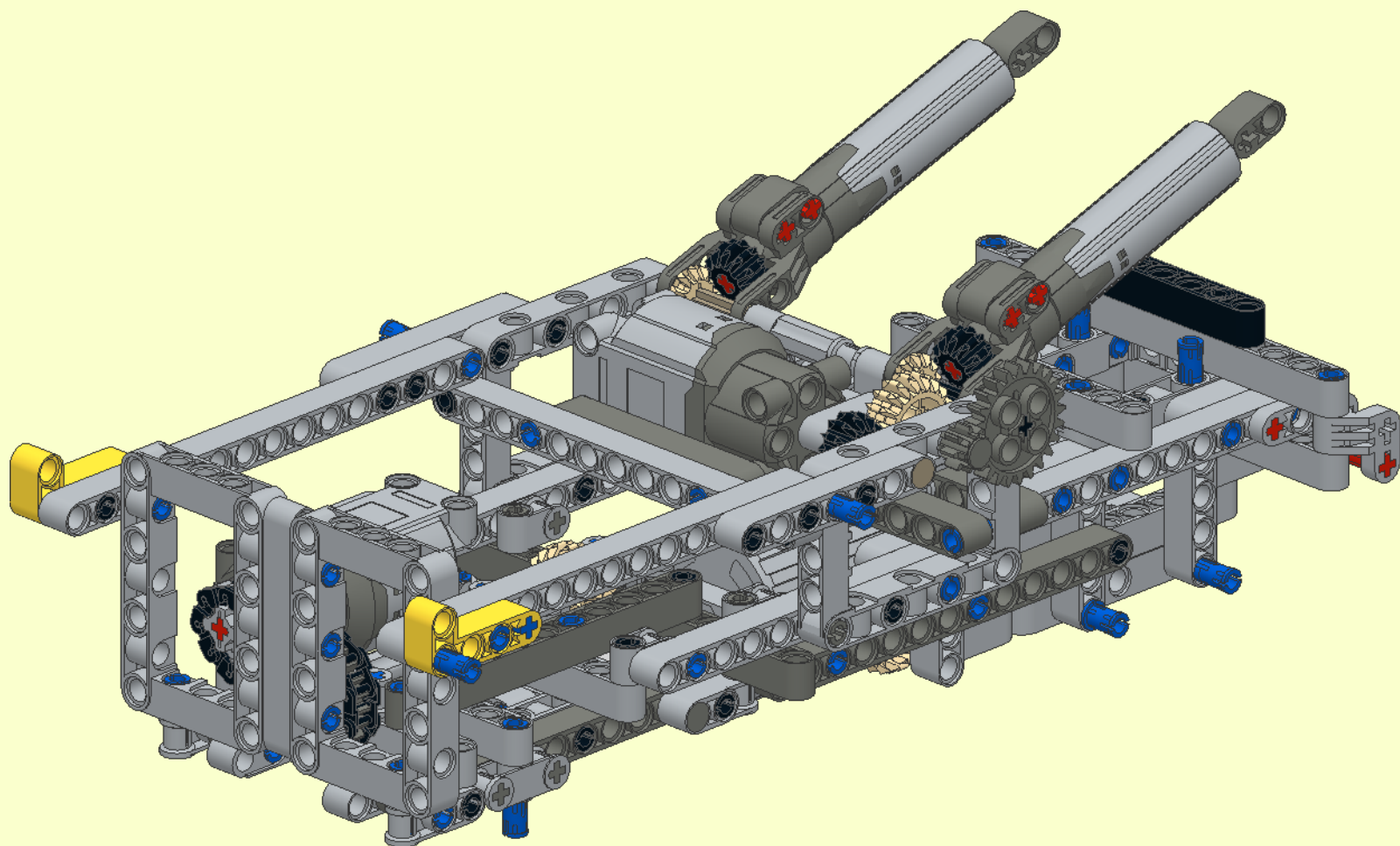

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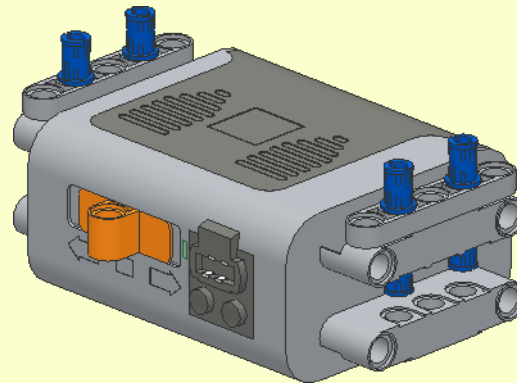
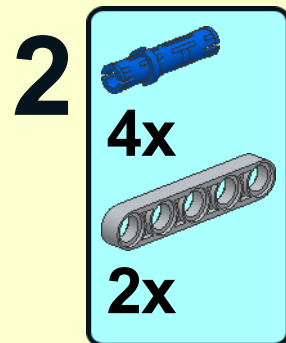
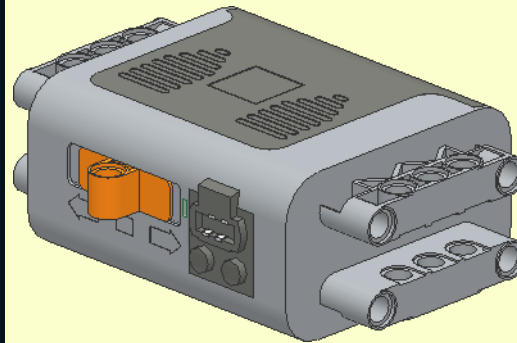
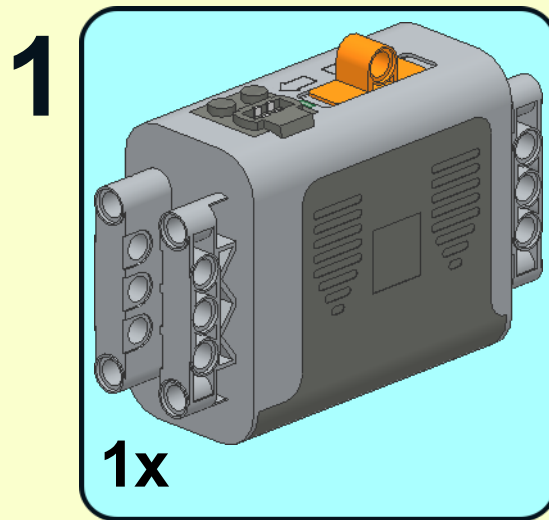


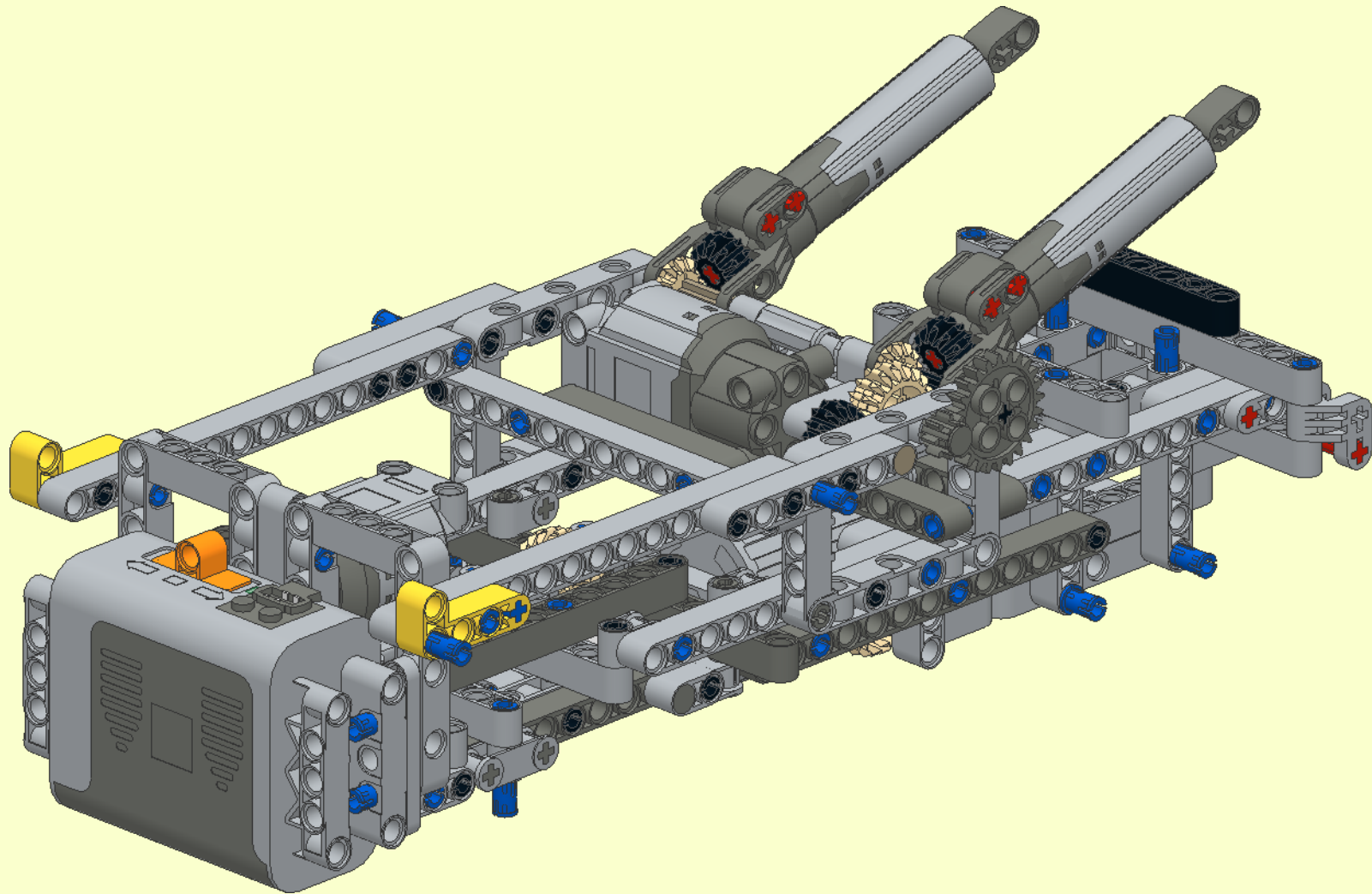
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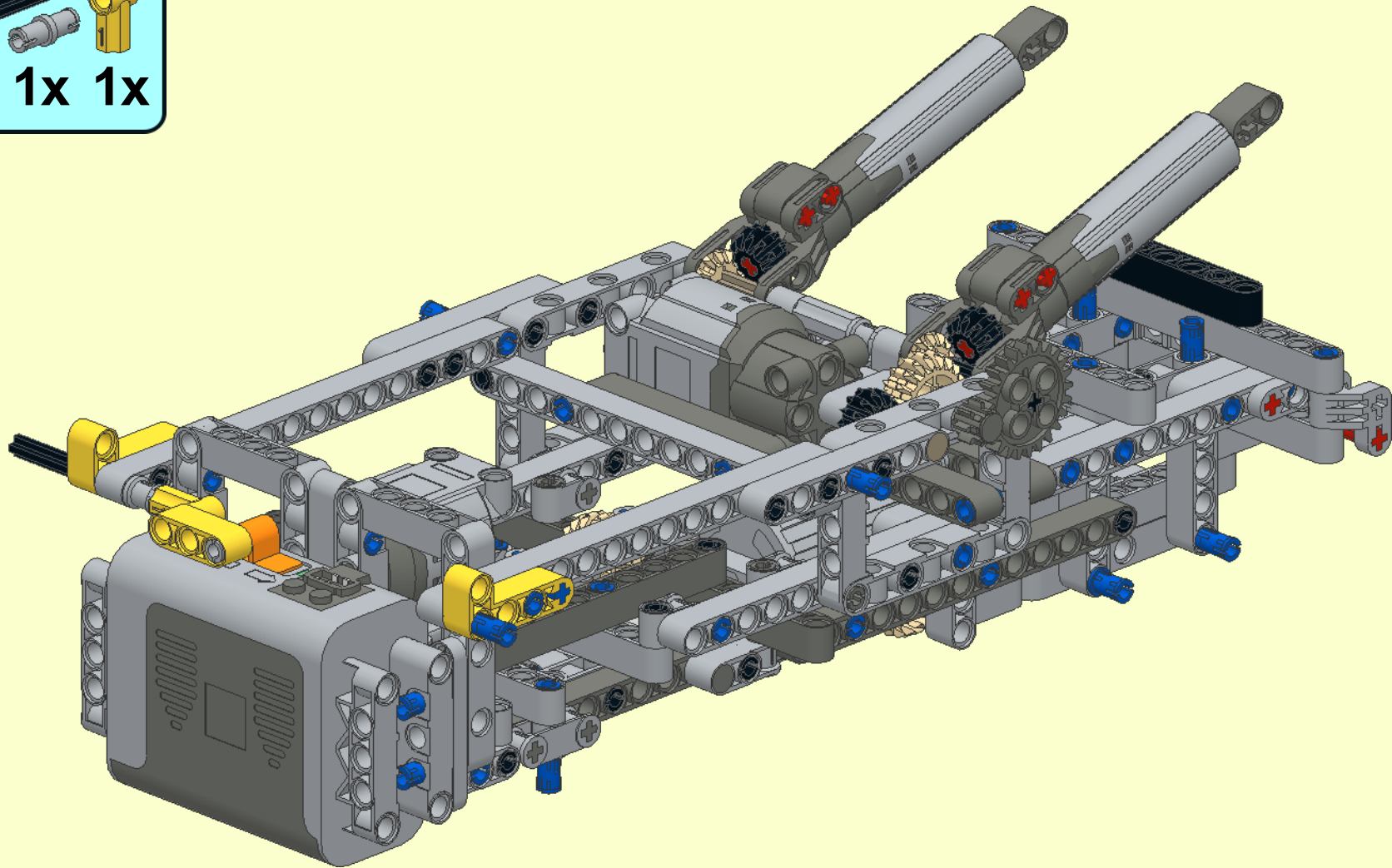
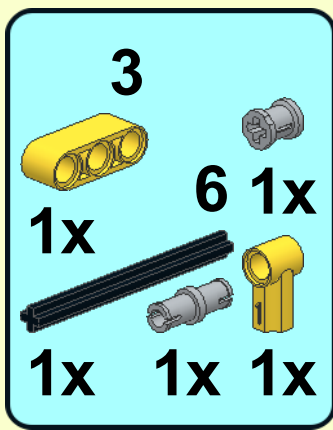
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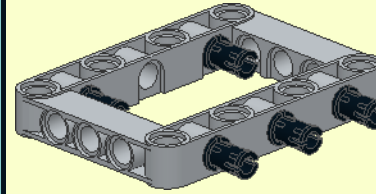
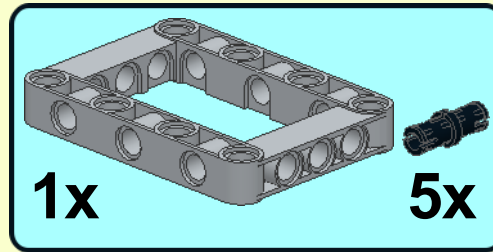




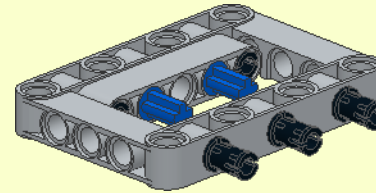
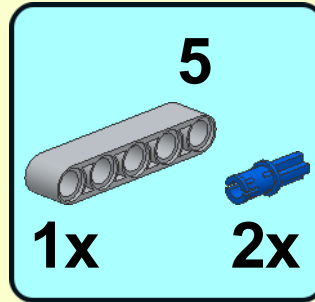
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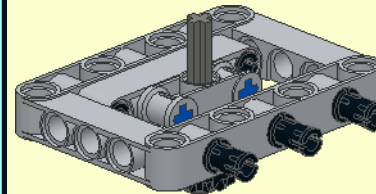
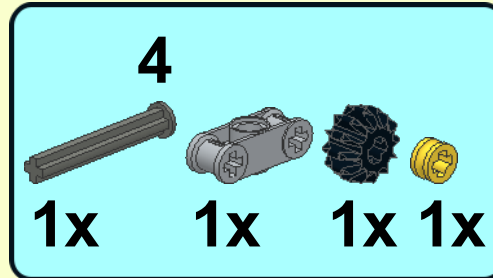
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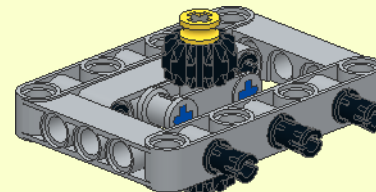
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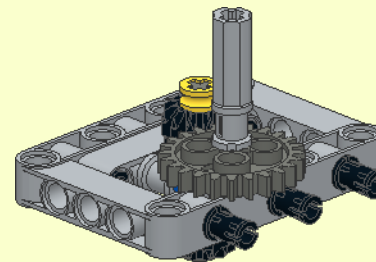
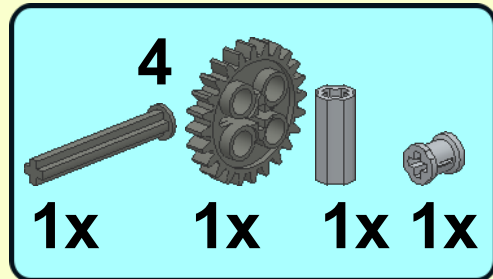
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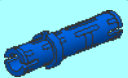


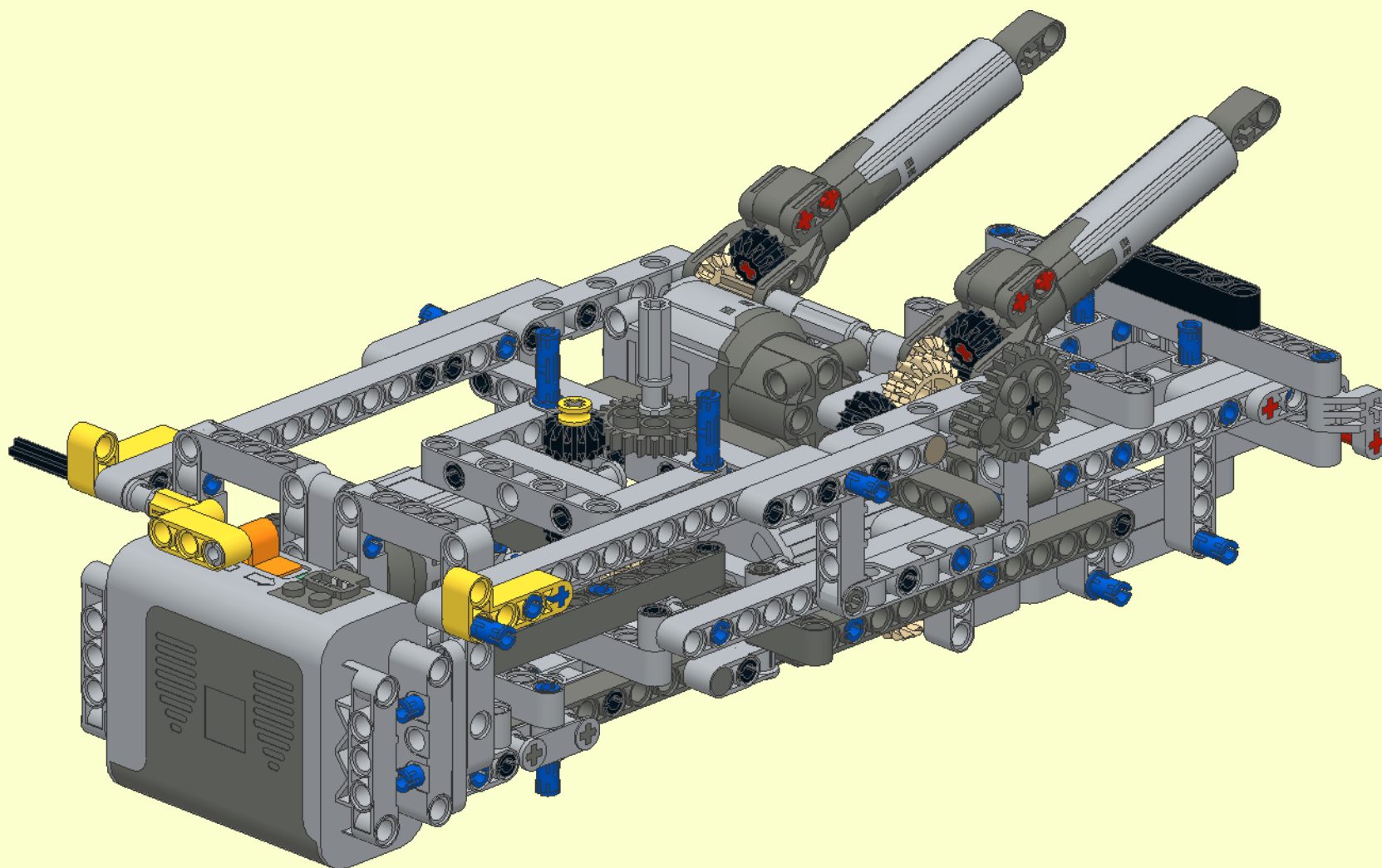
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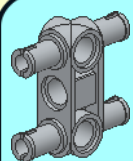
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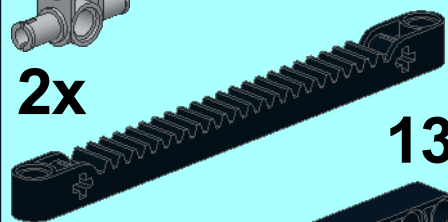
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57

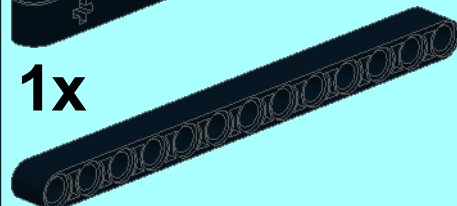


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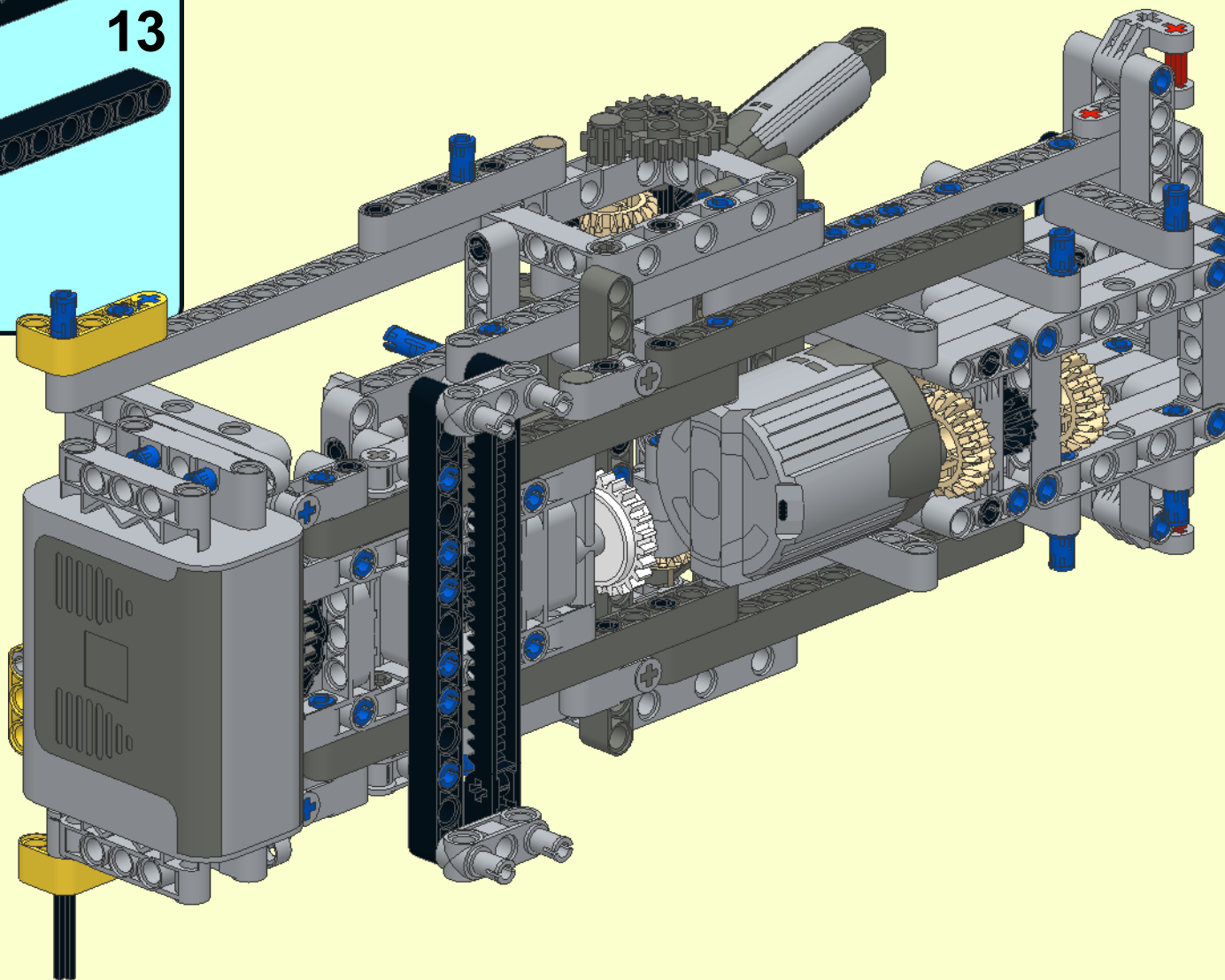


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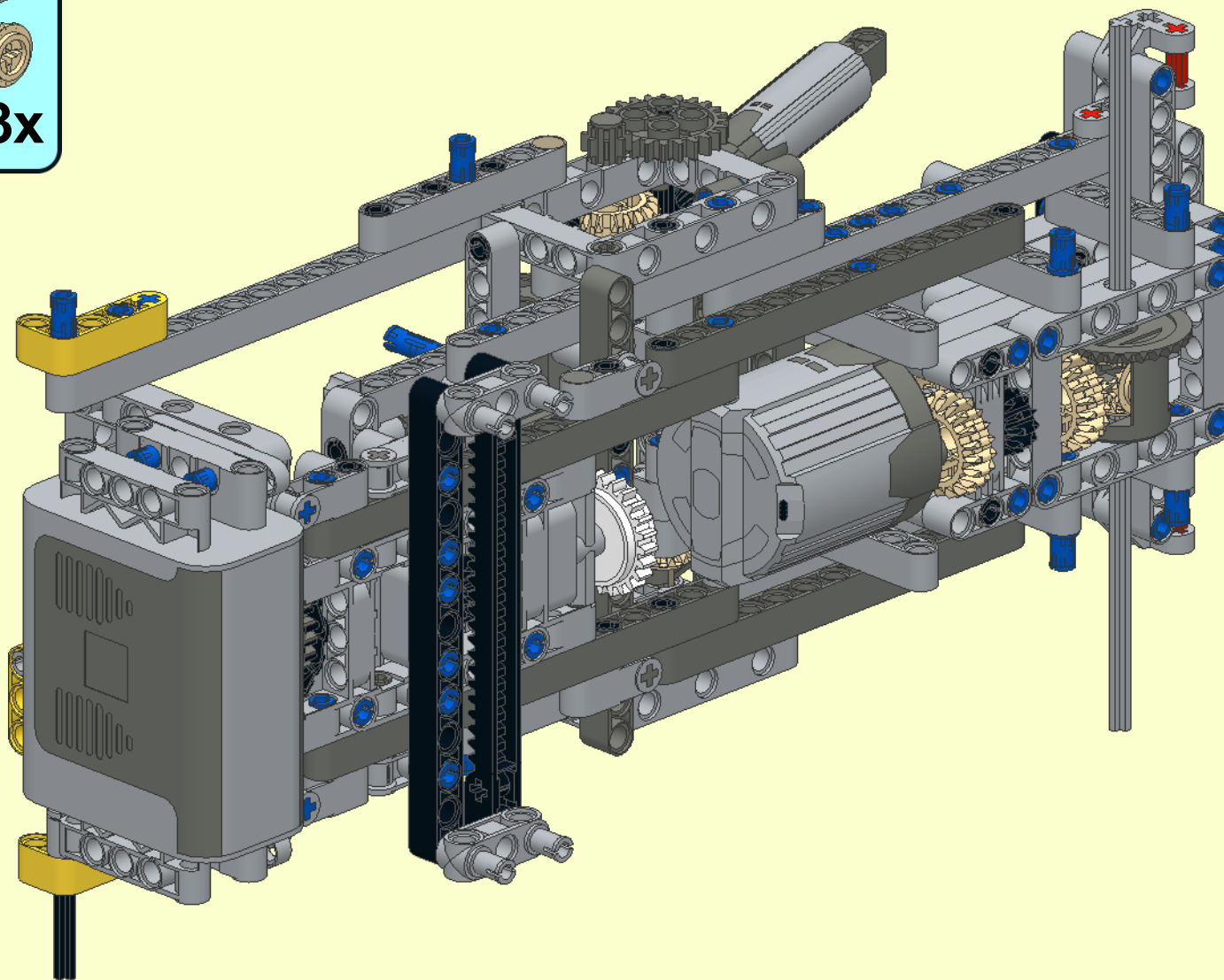
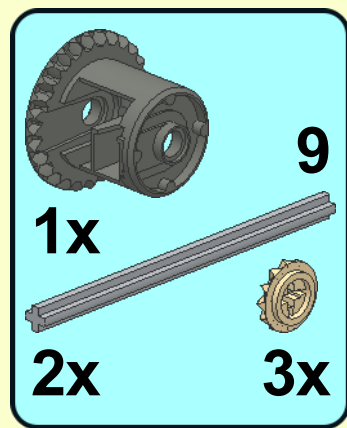
1x



1x



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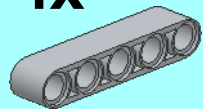


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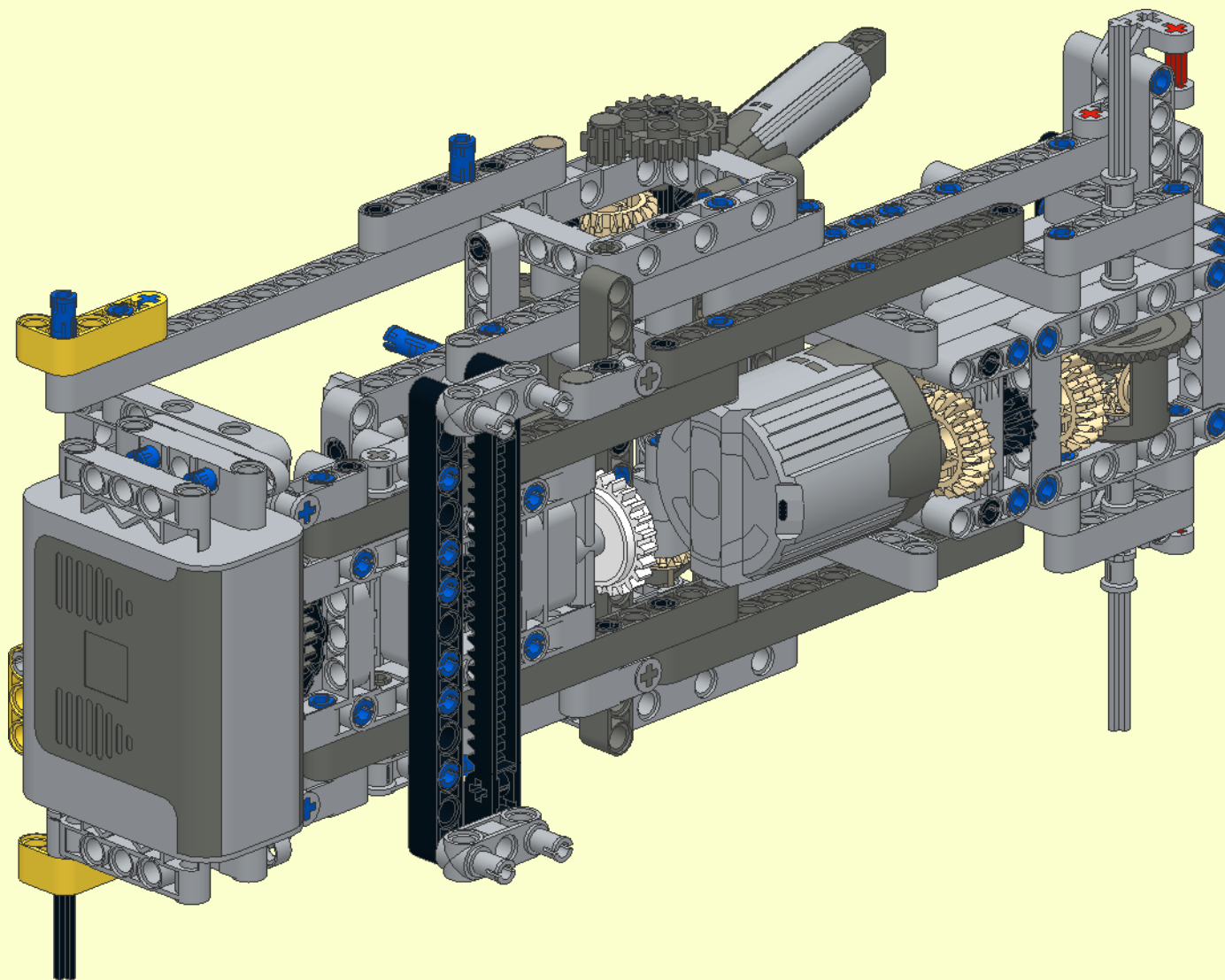


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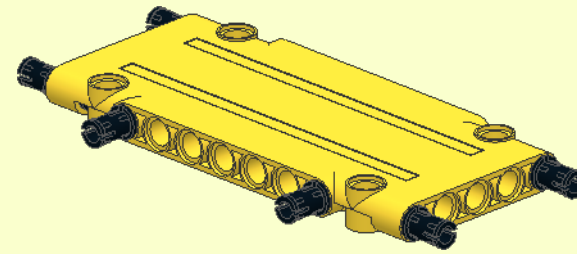
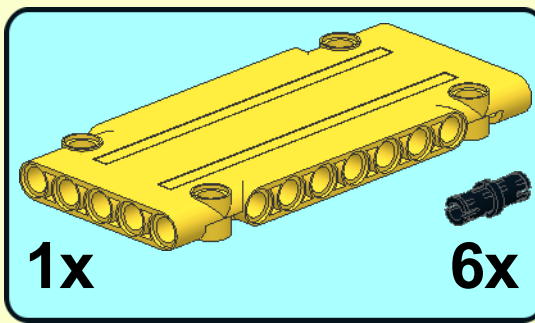
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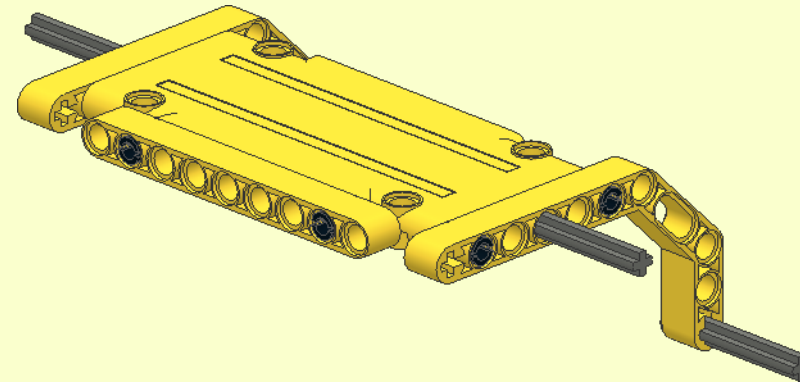
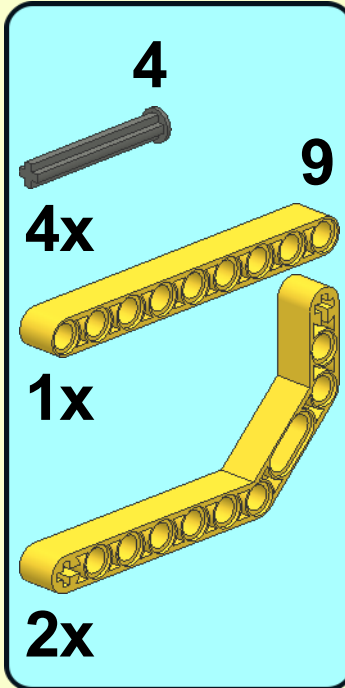
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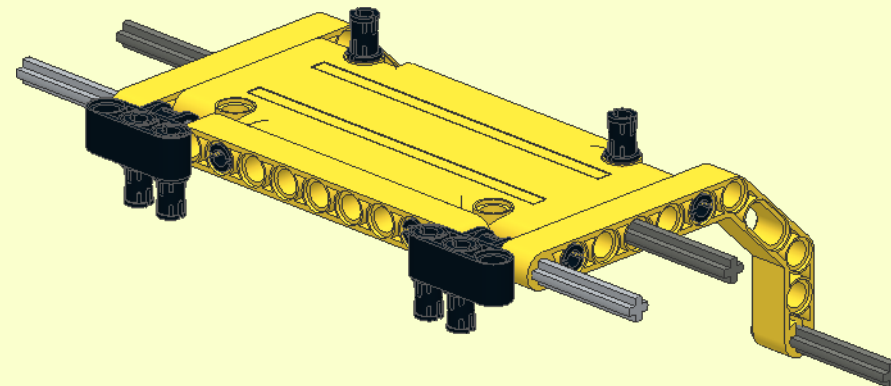
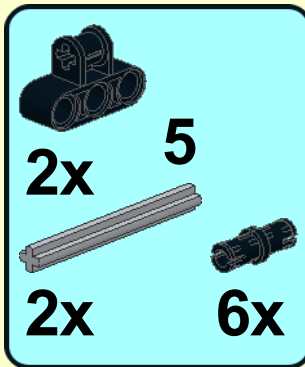
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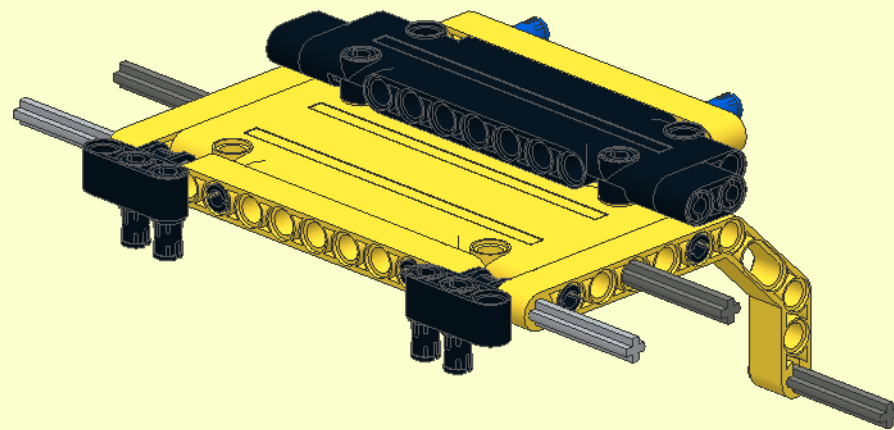
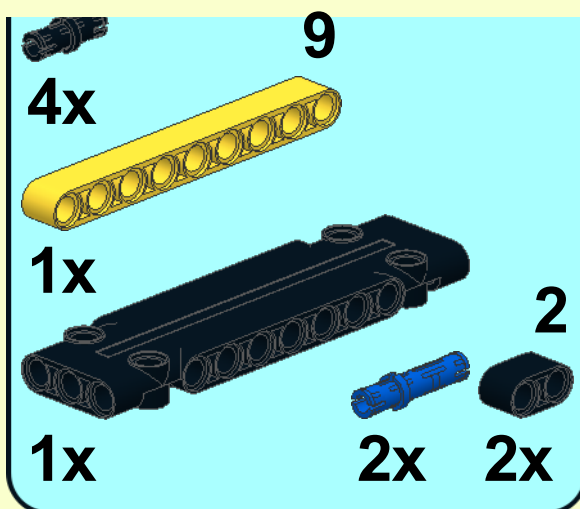
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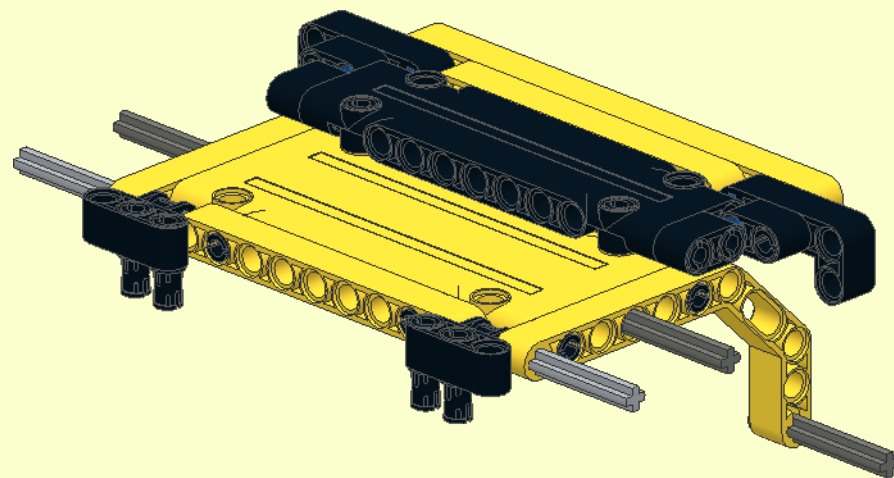
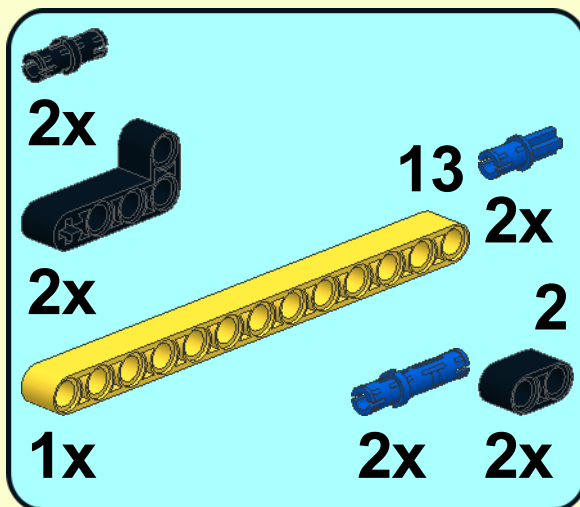
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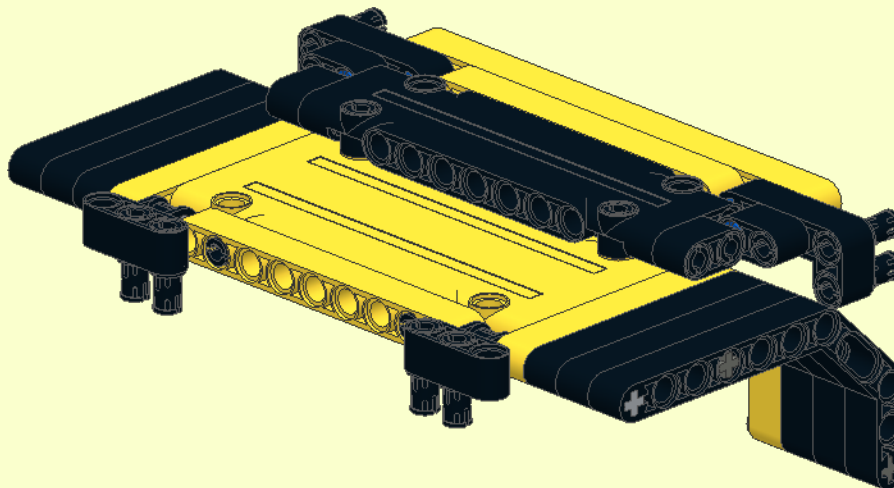
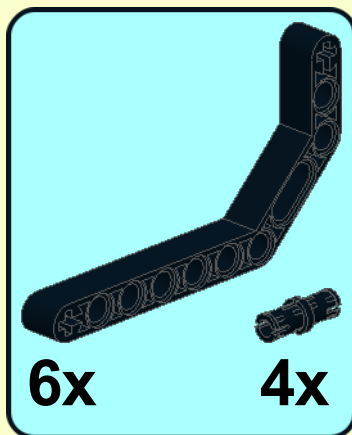
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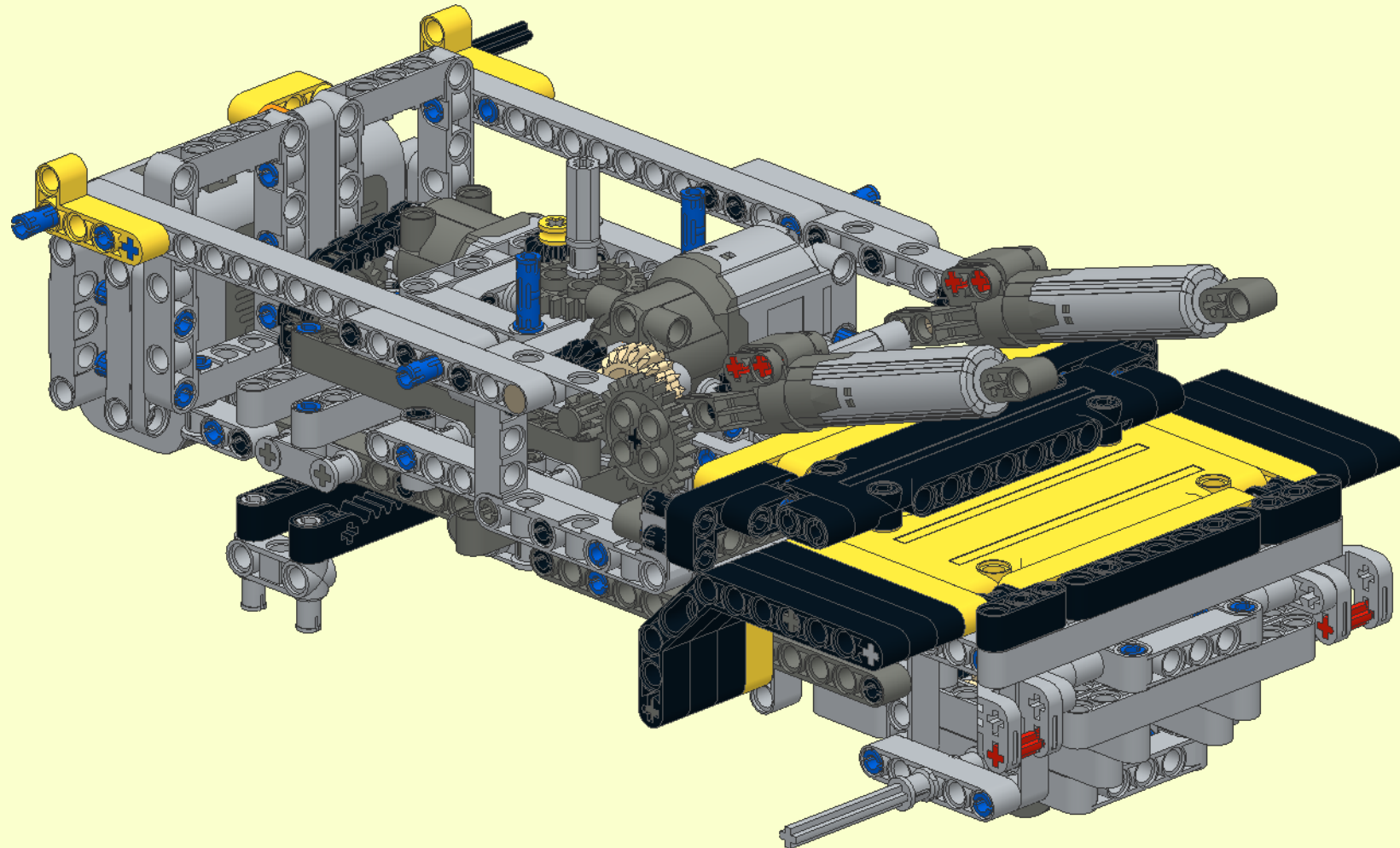


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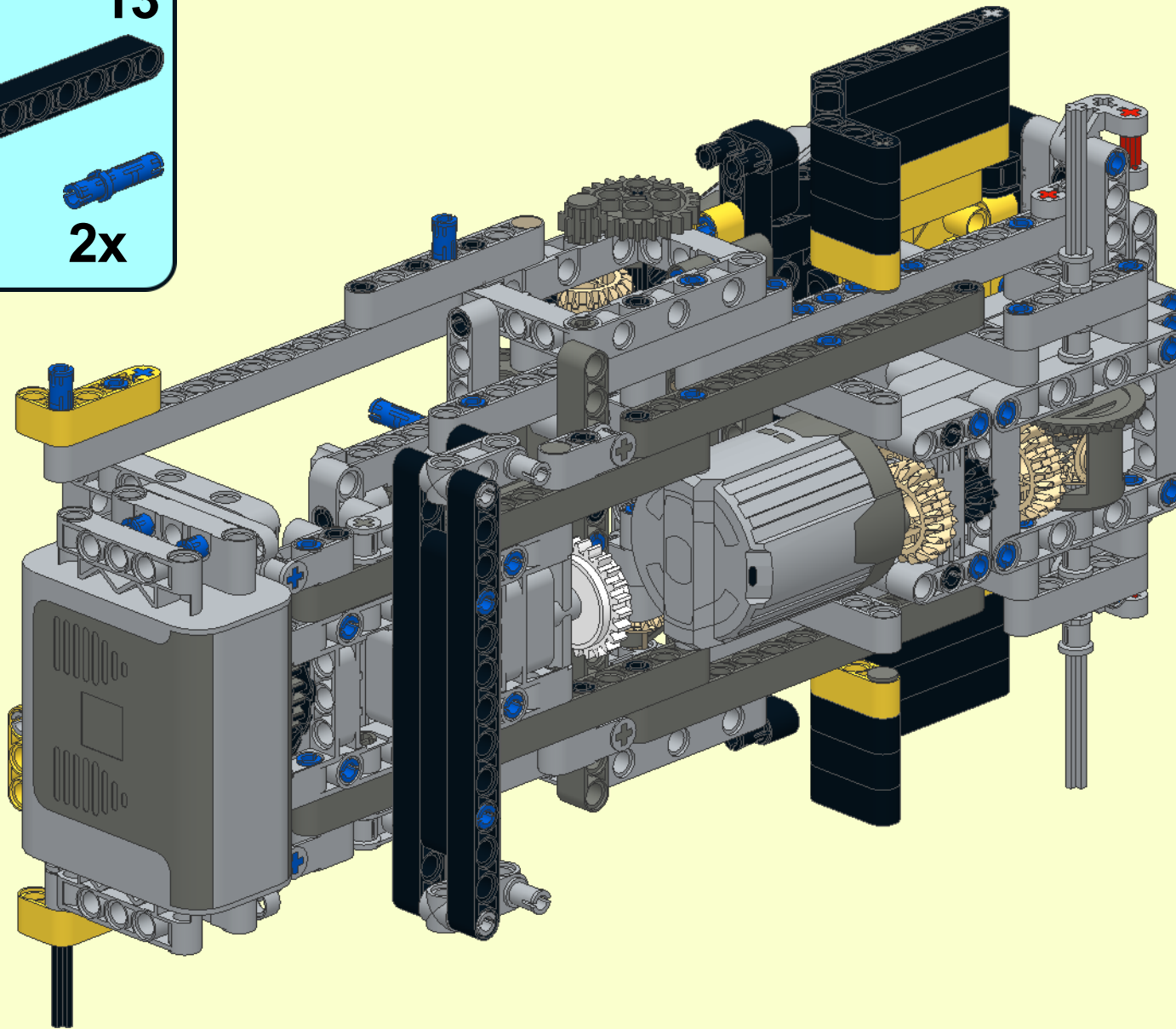
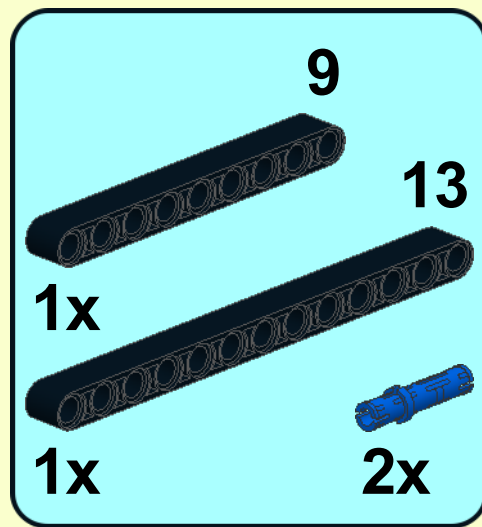


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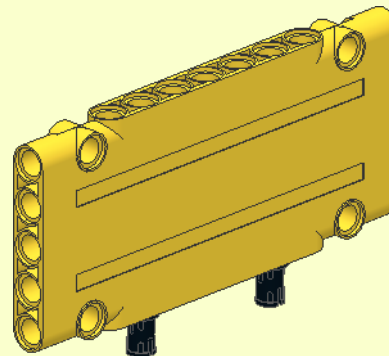
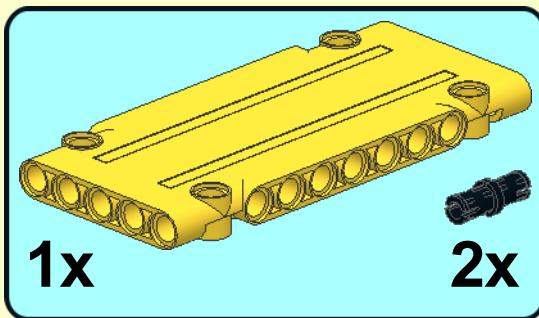




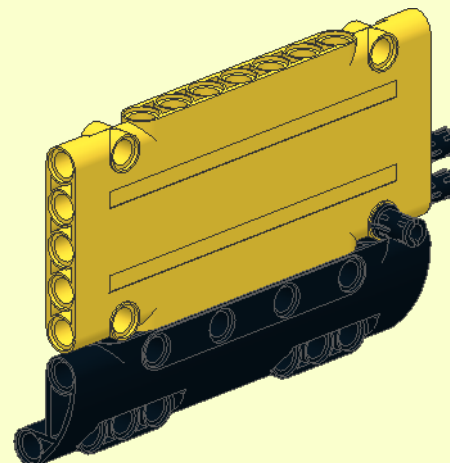
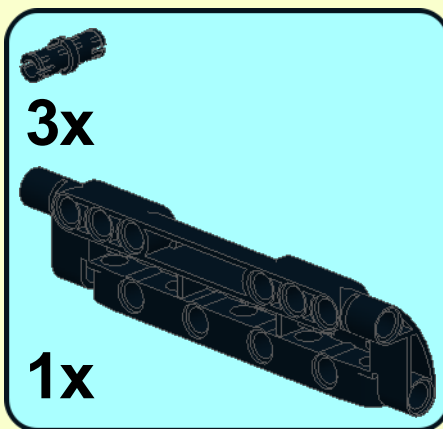
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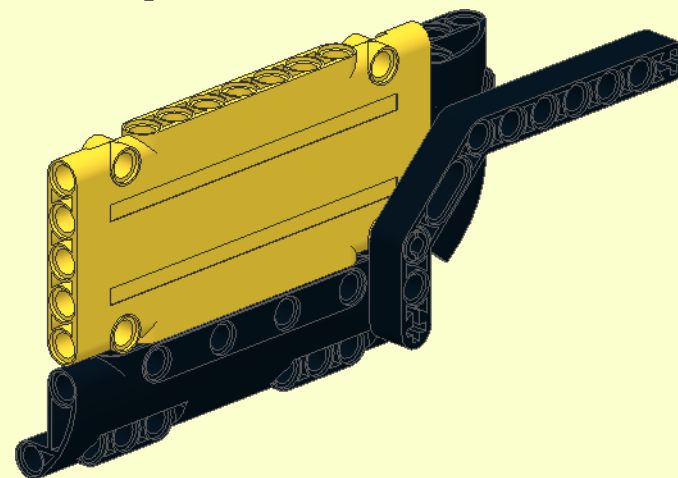
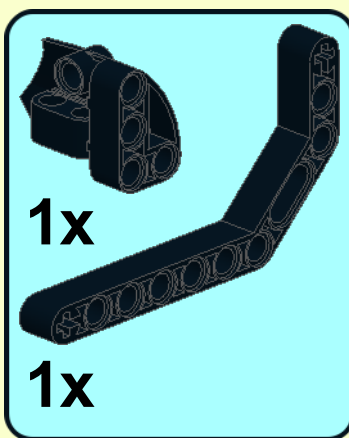
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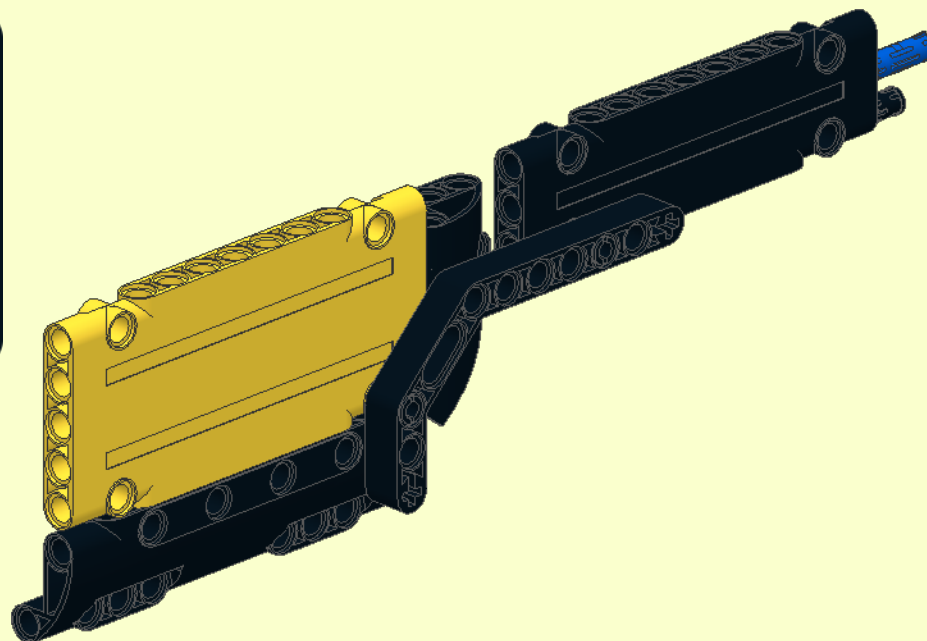
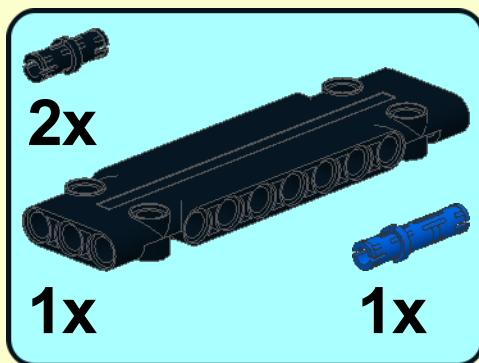
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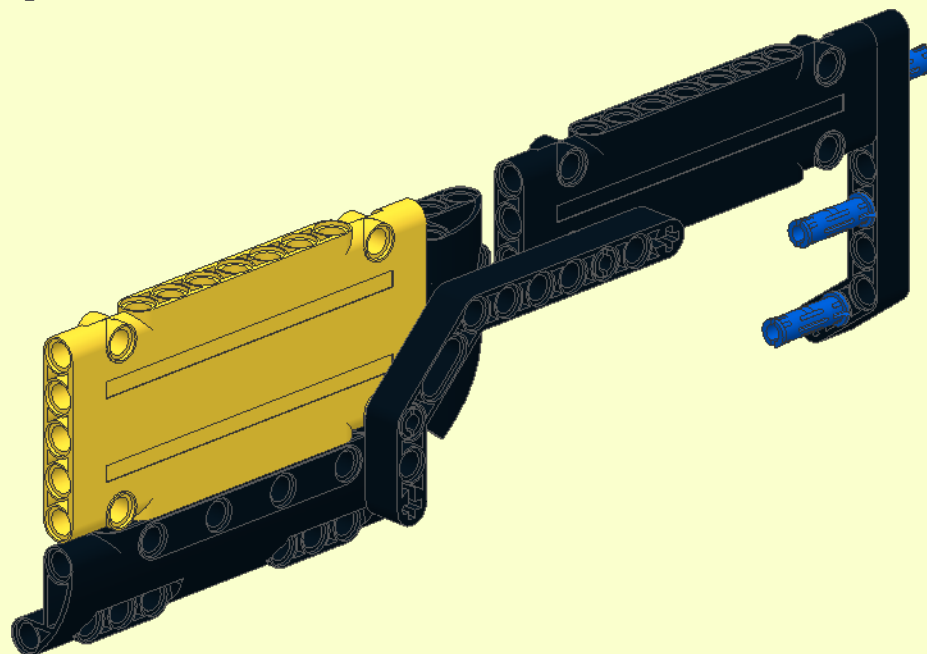
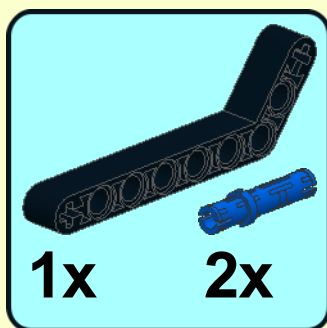
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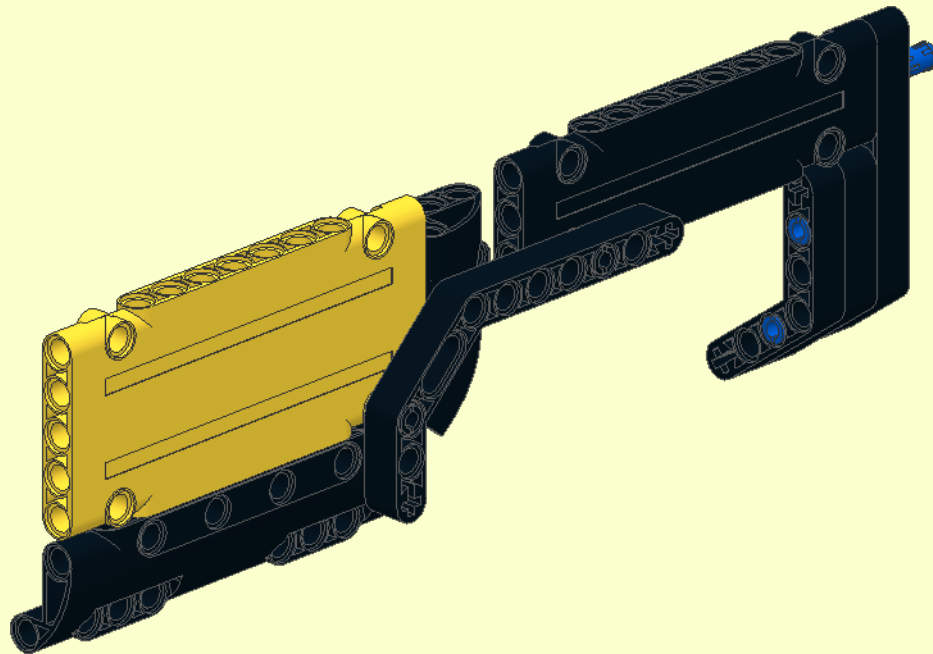
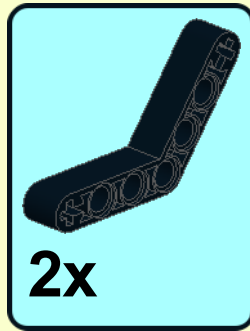
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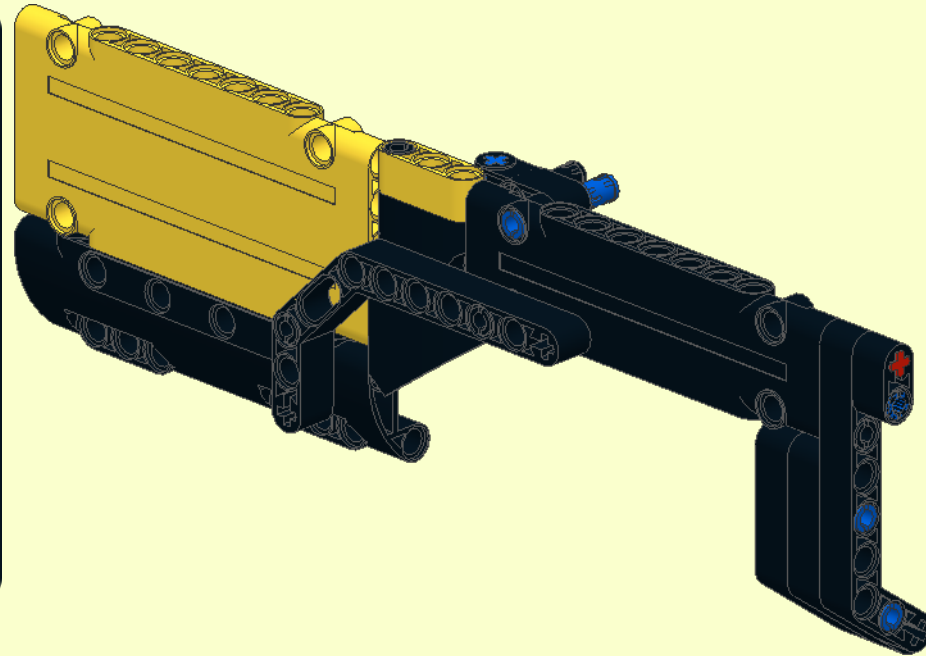
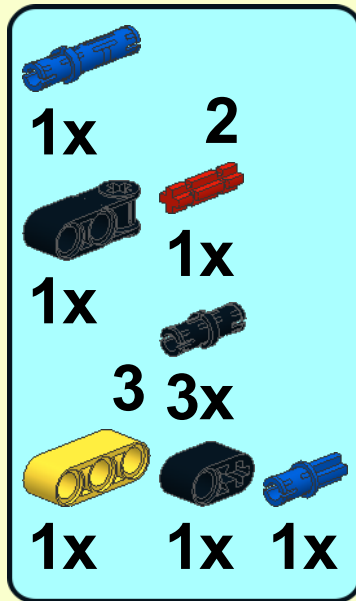
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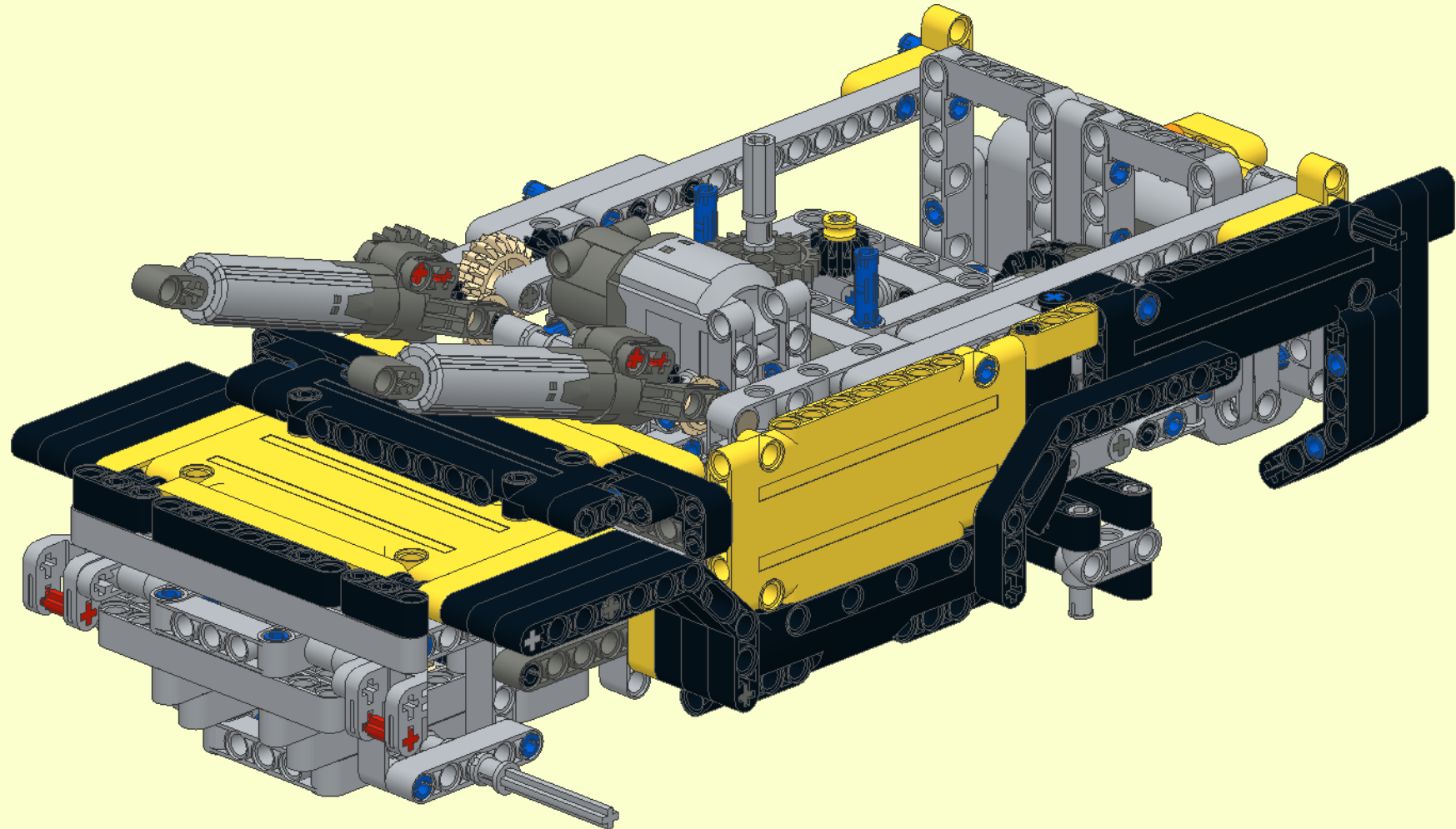


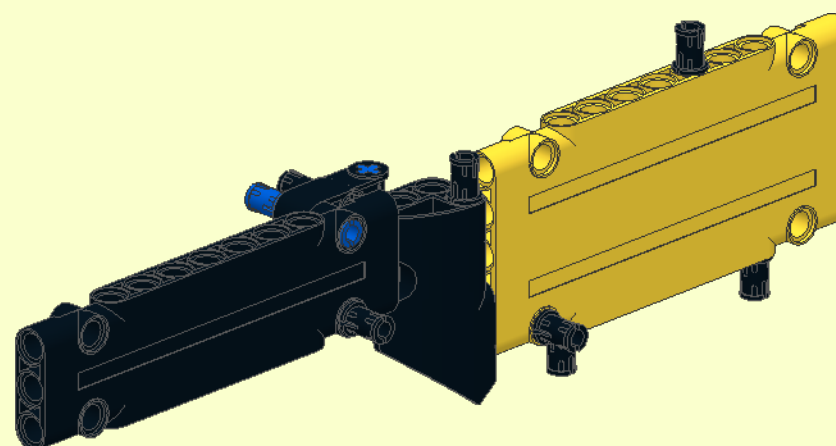
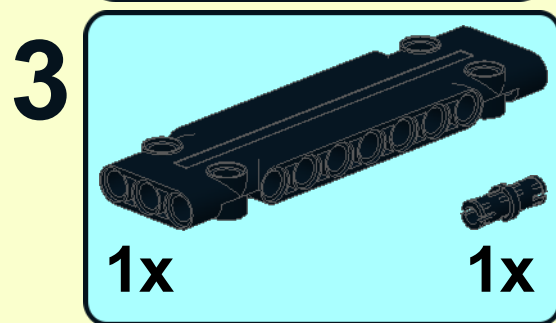
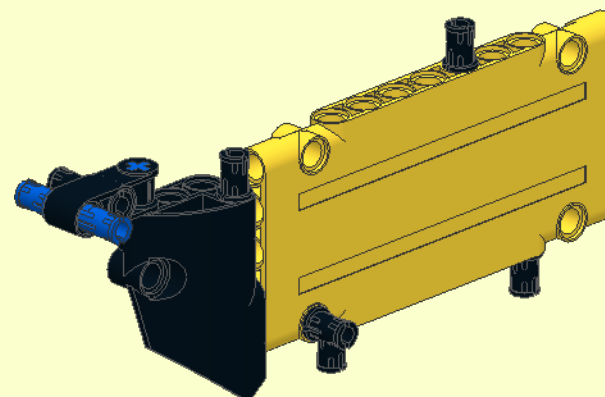
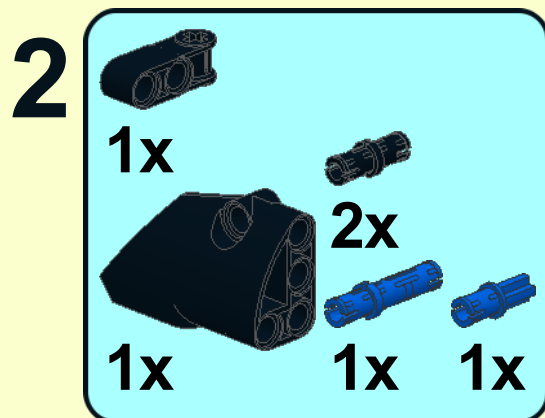
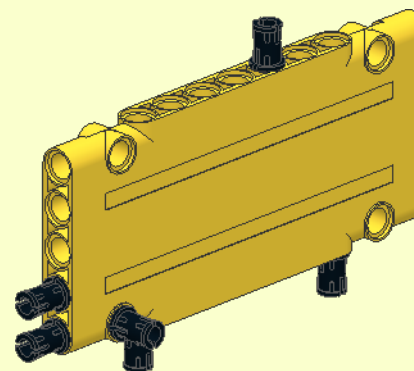
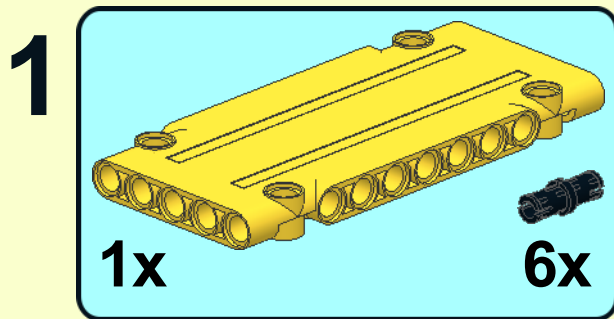
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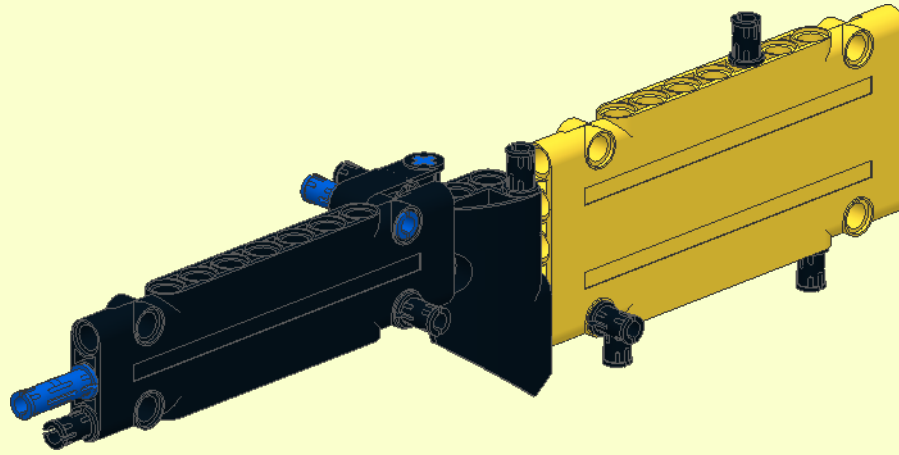
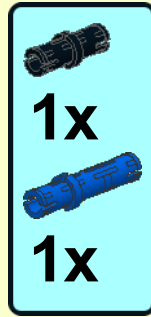
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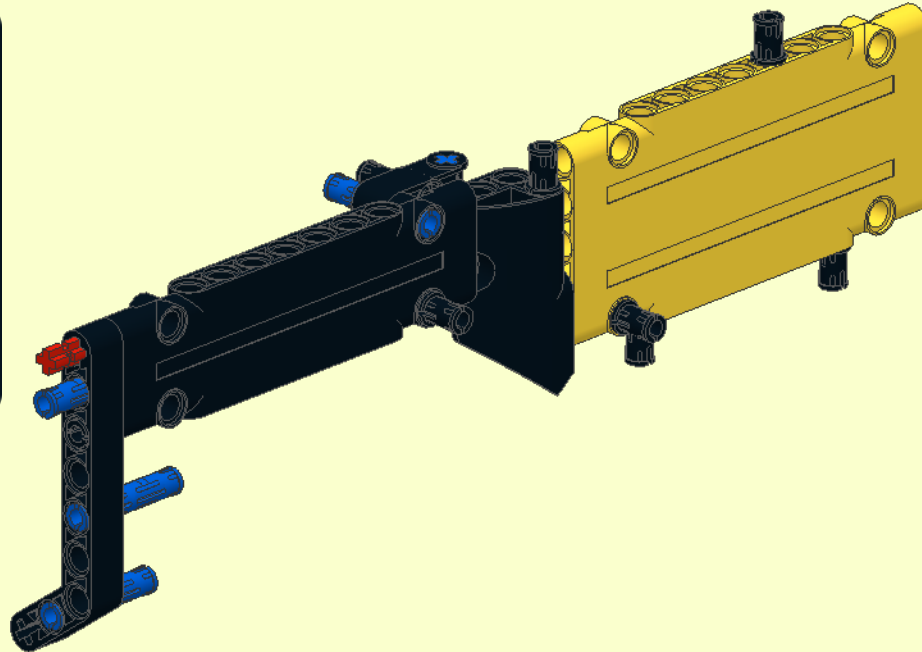
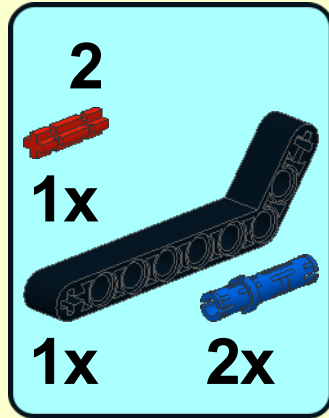




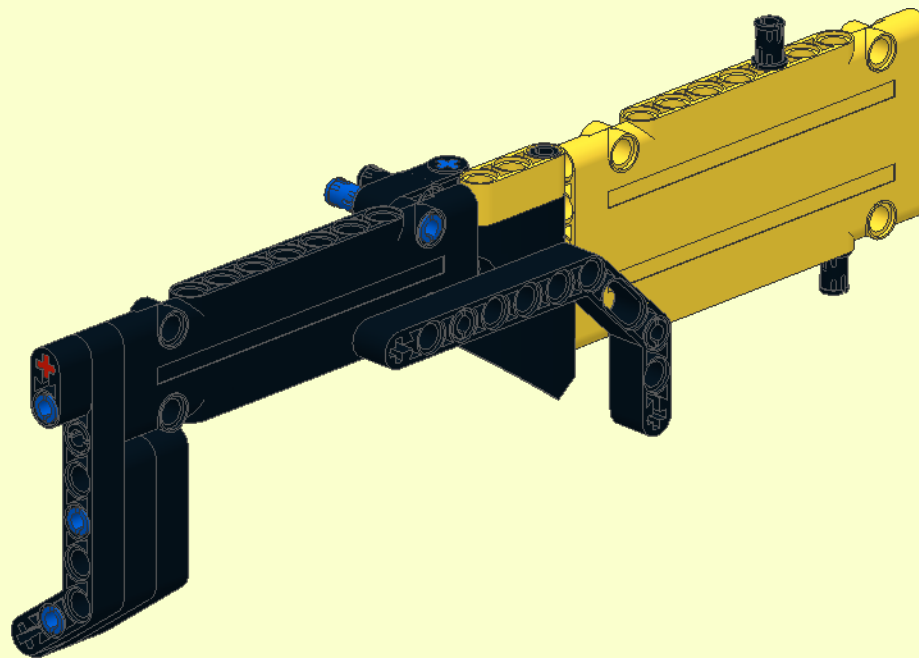
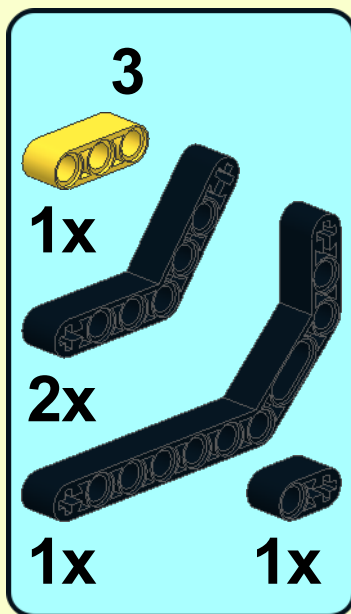
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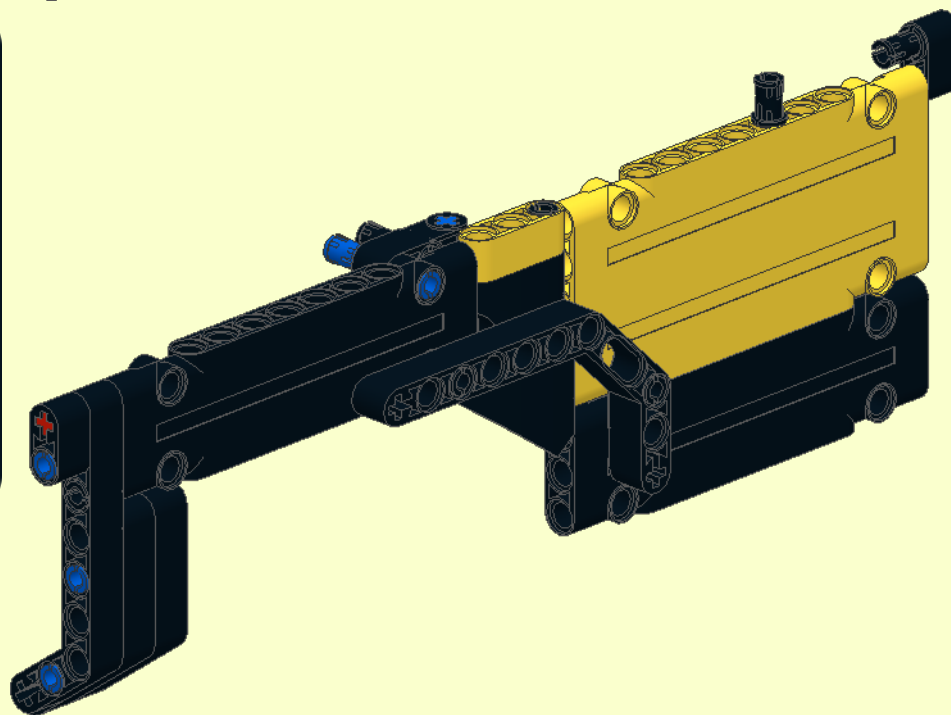
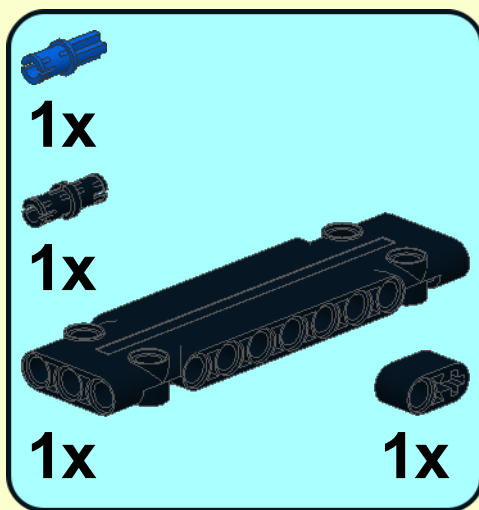
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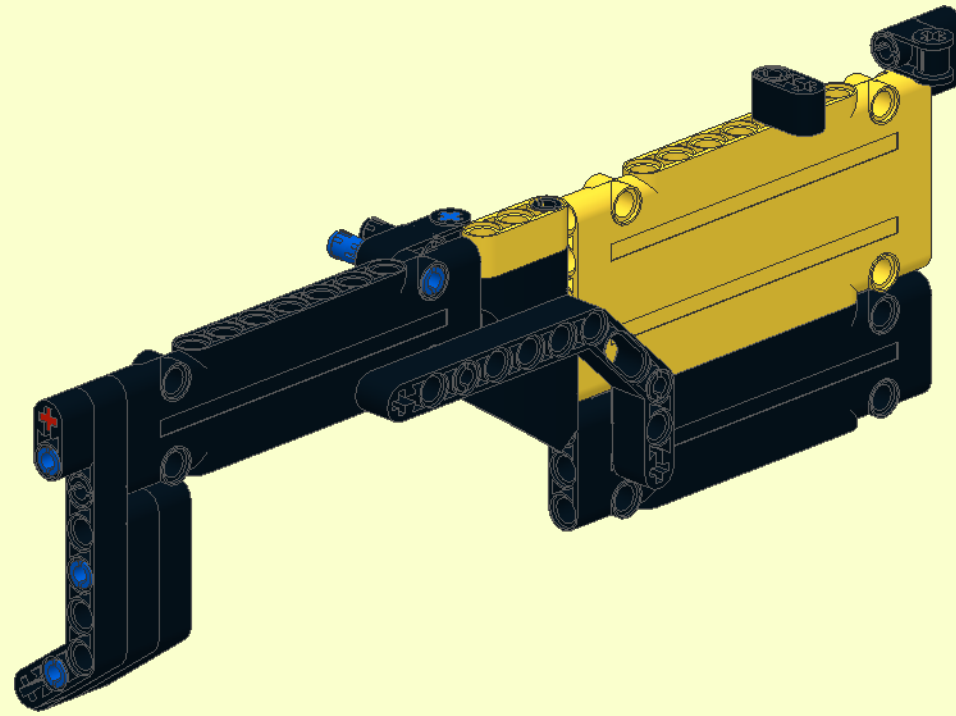
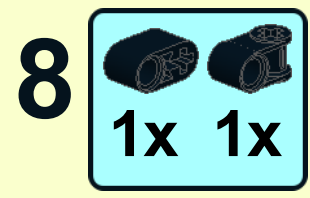


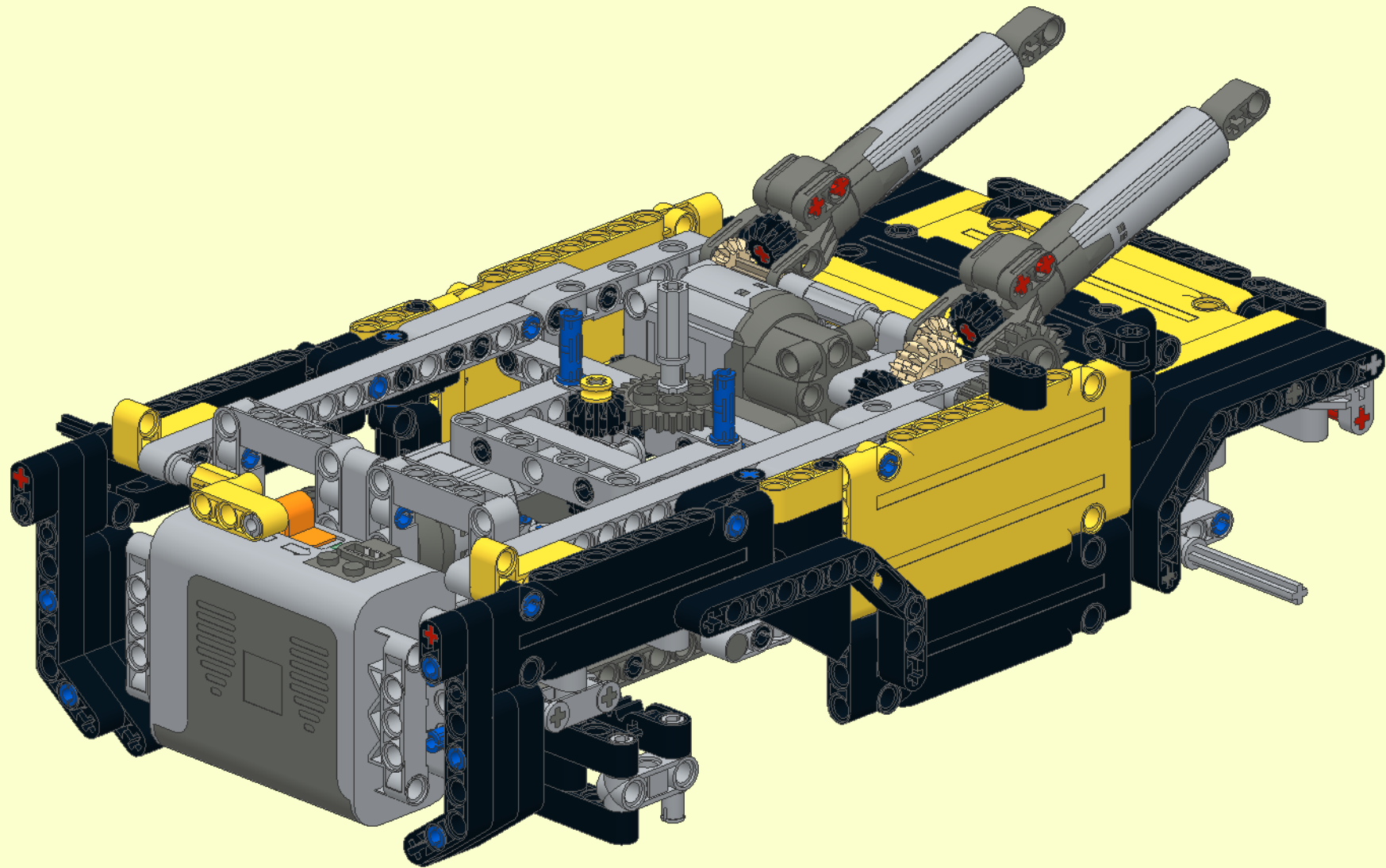
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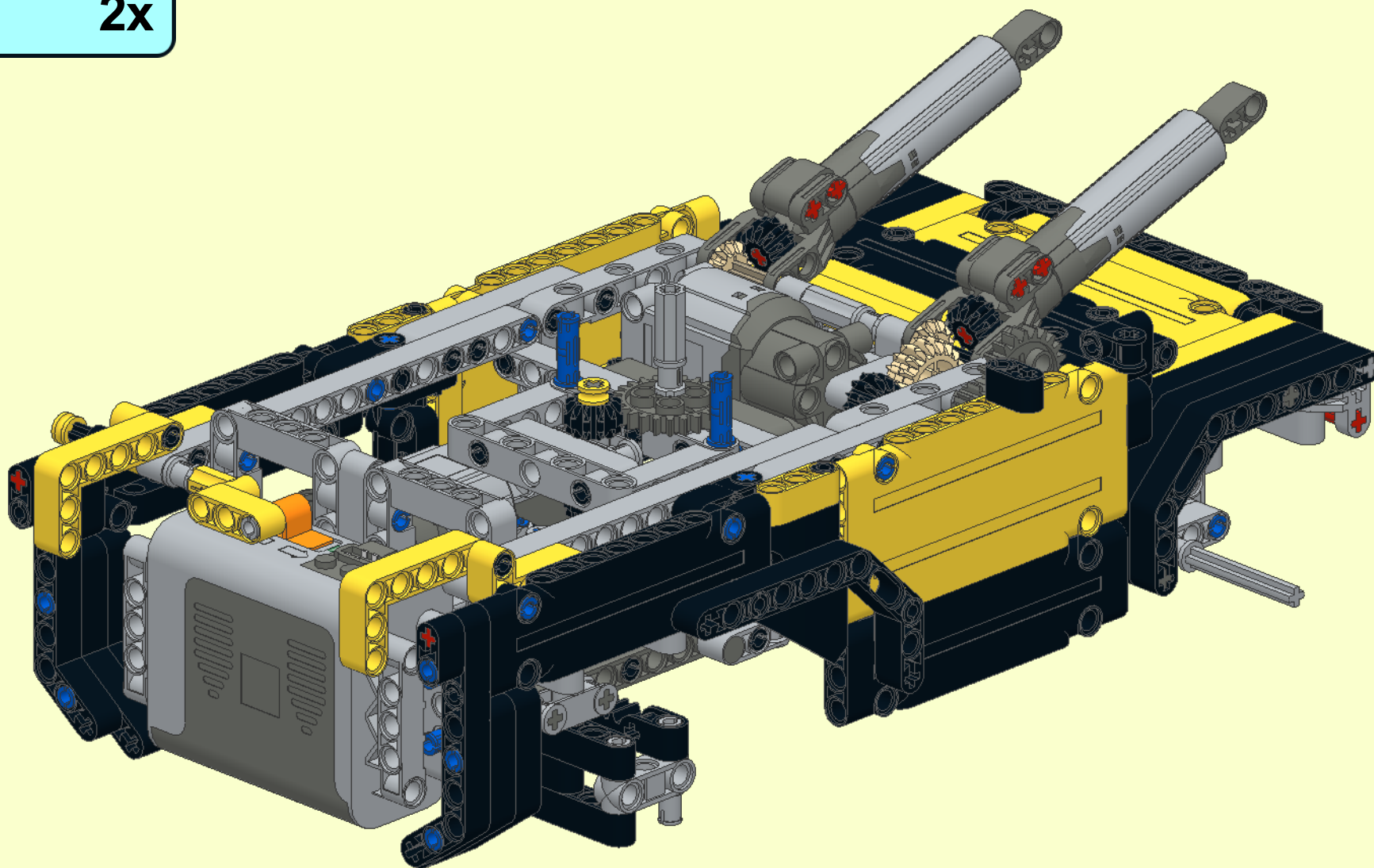
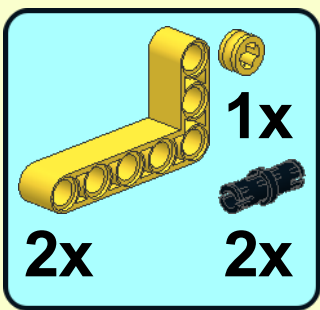
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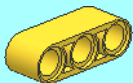


64



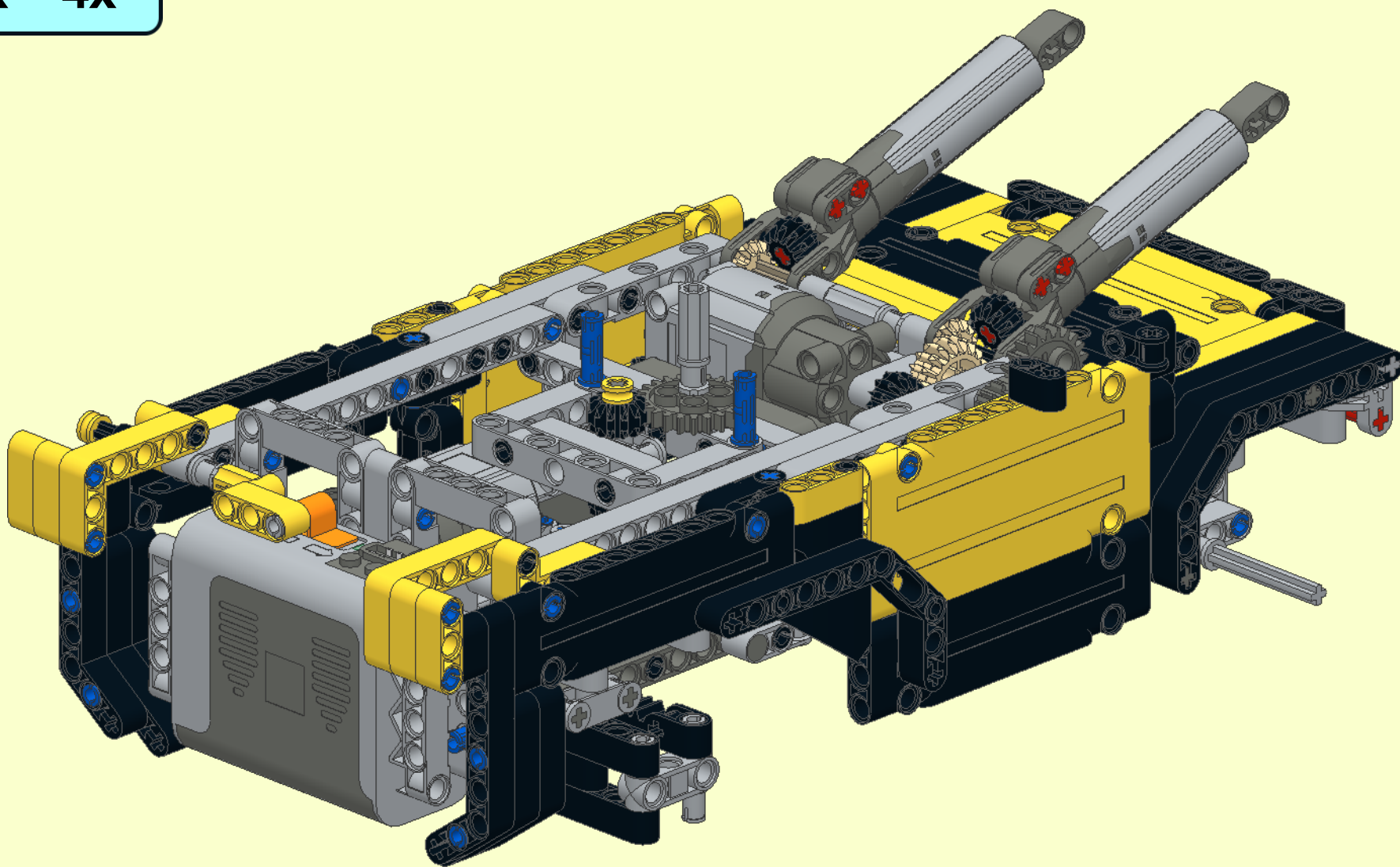
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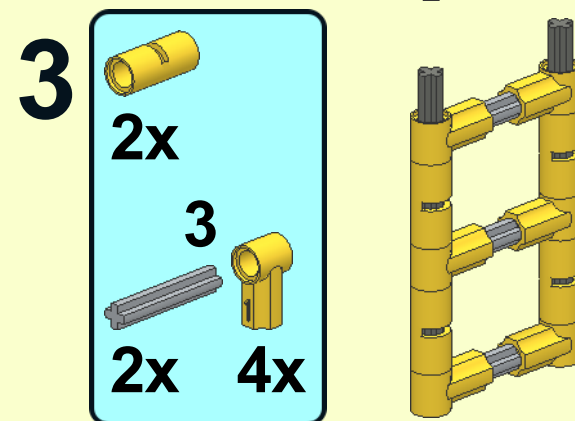
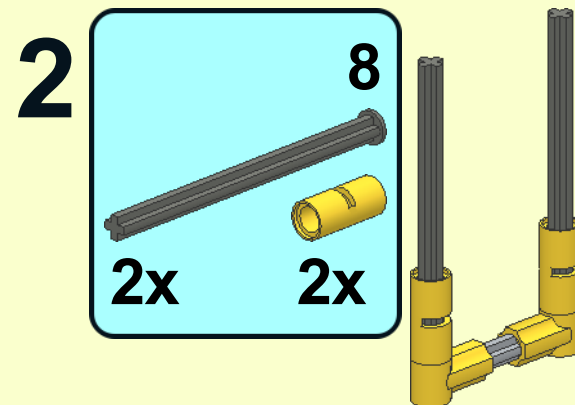
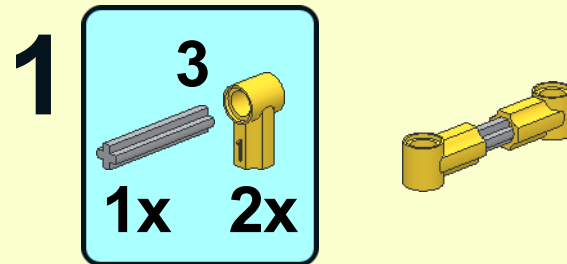
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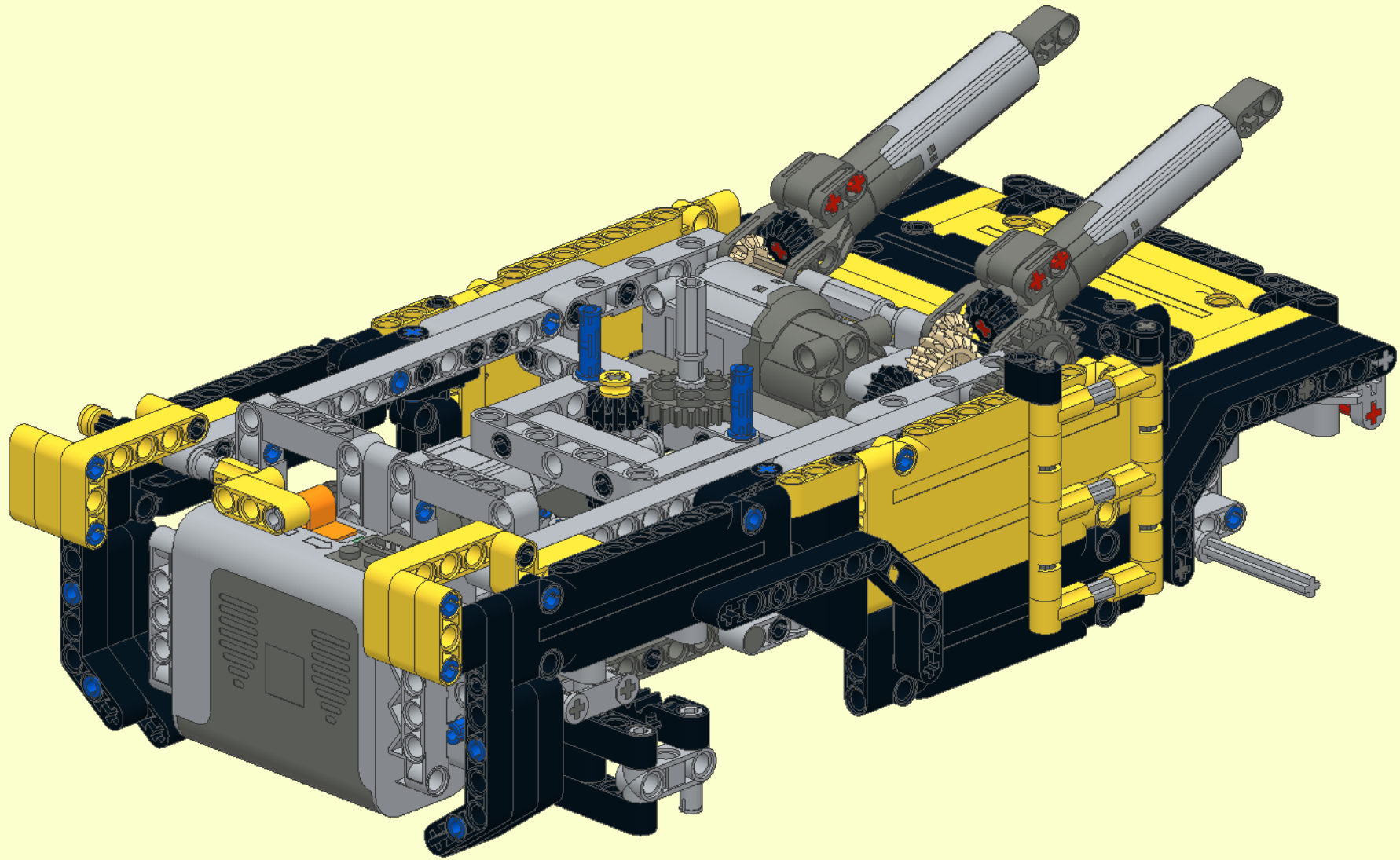


4x

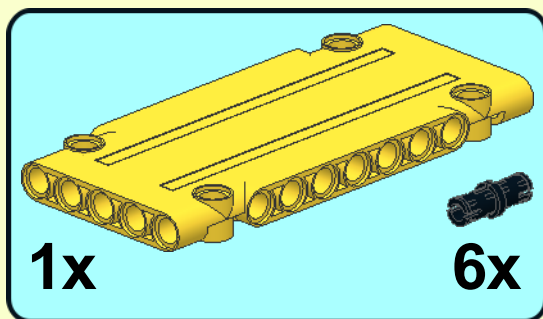
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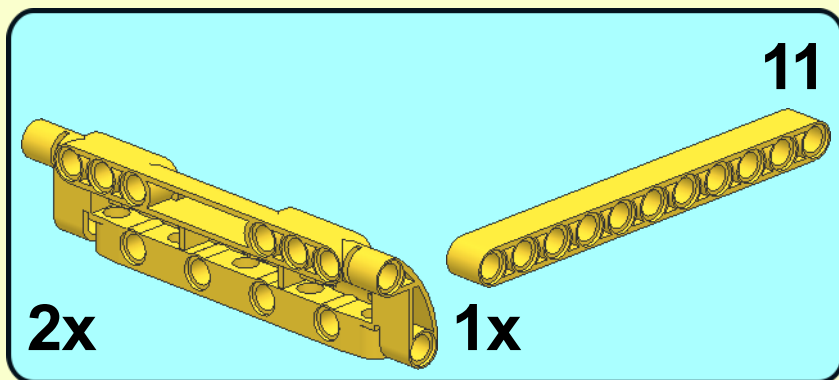




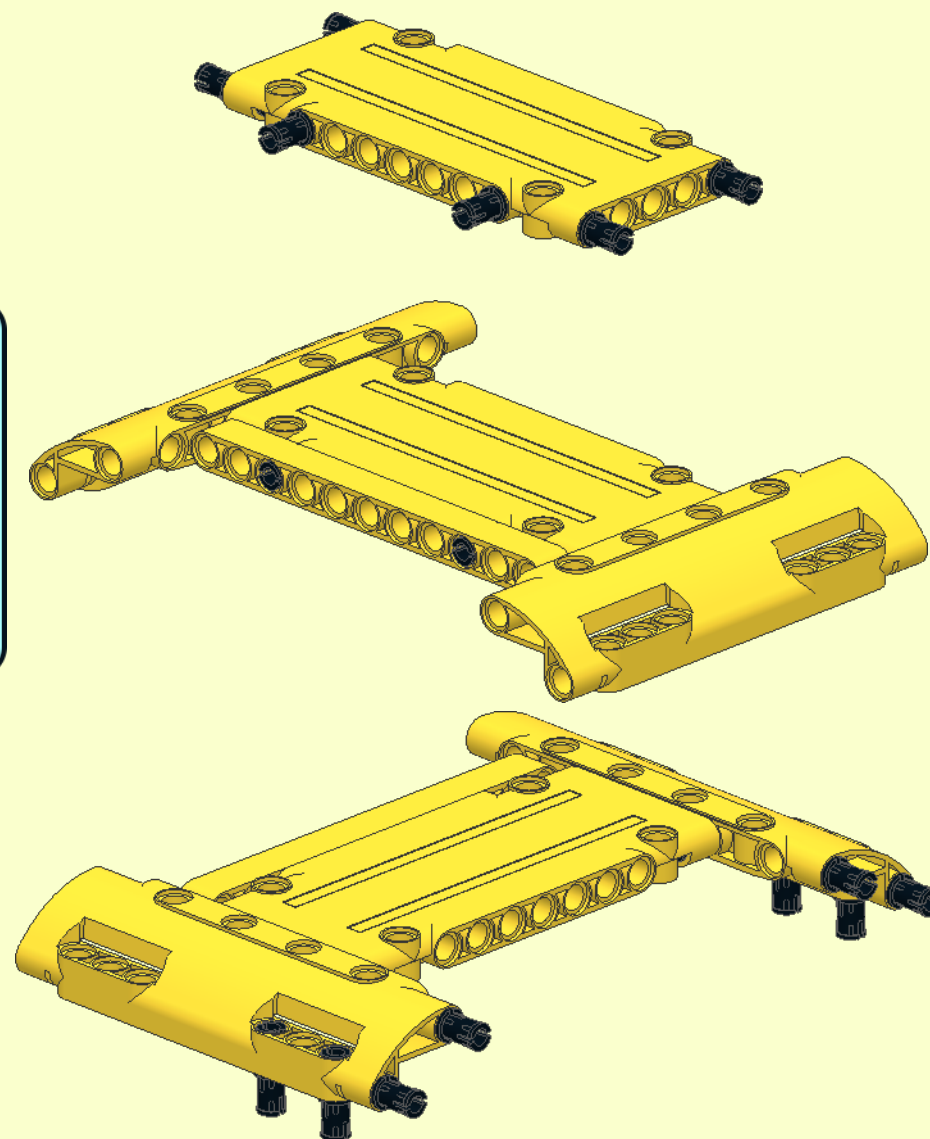
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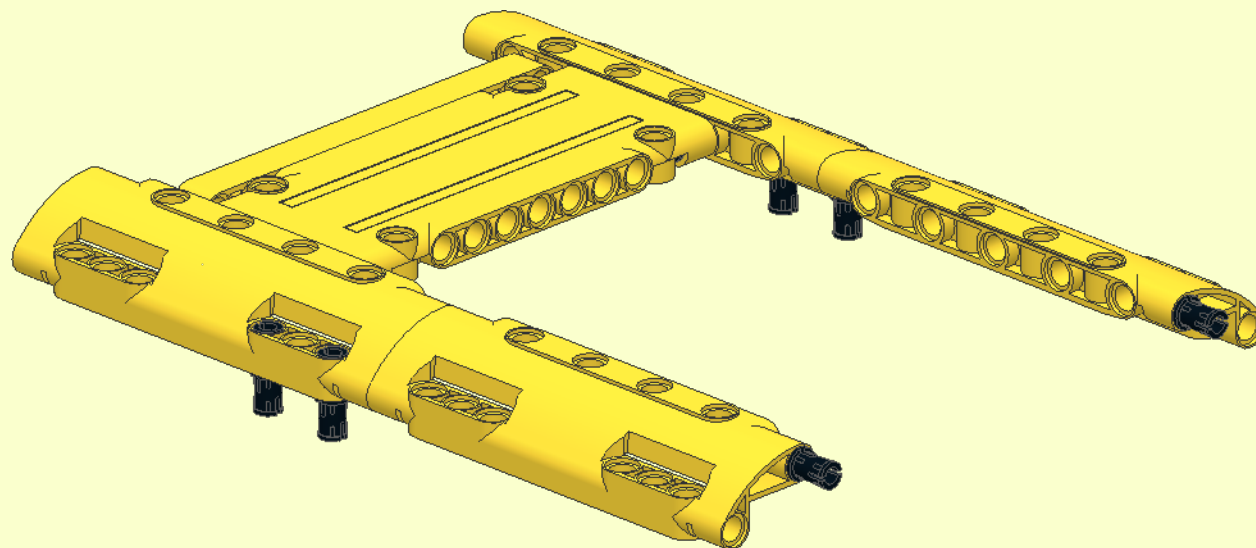
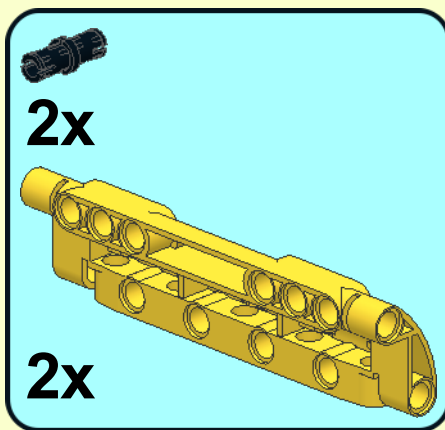
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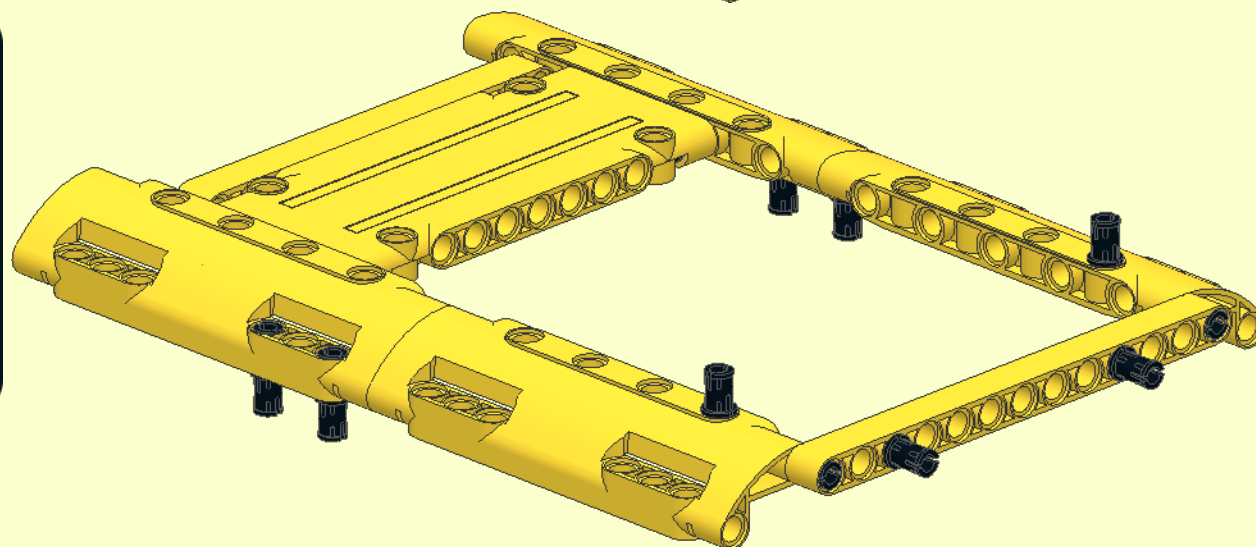
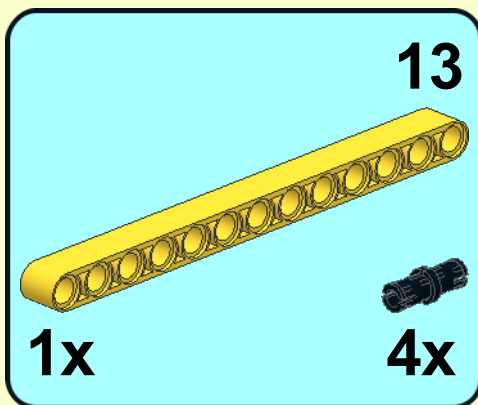
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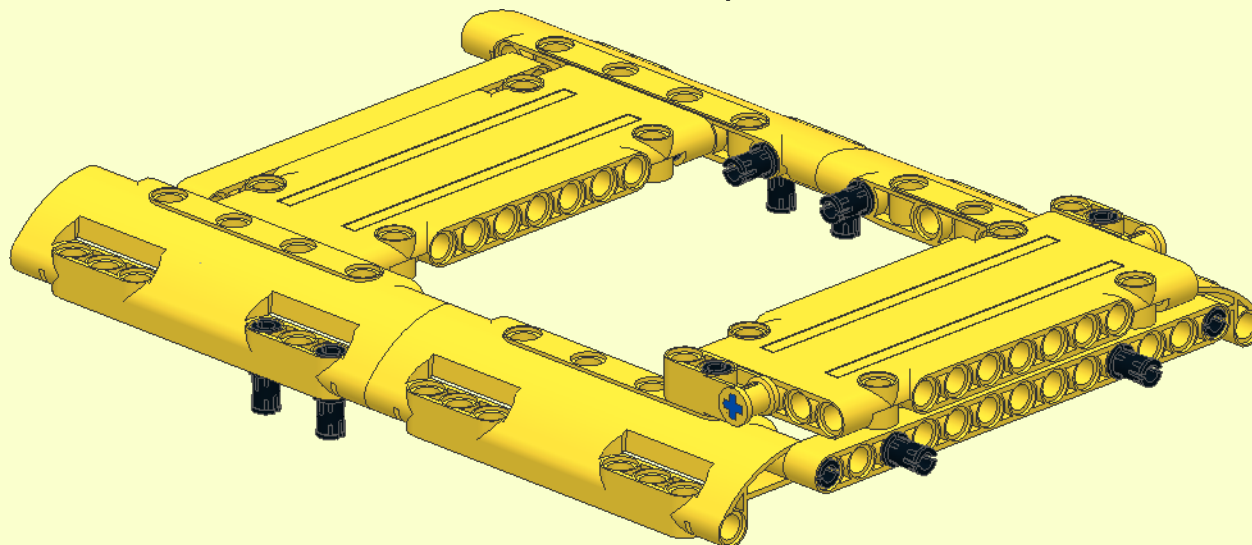
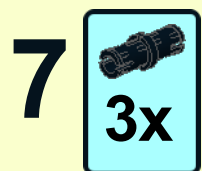
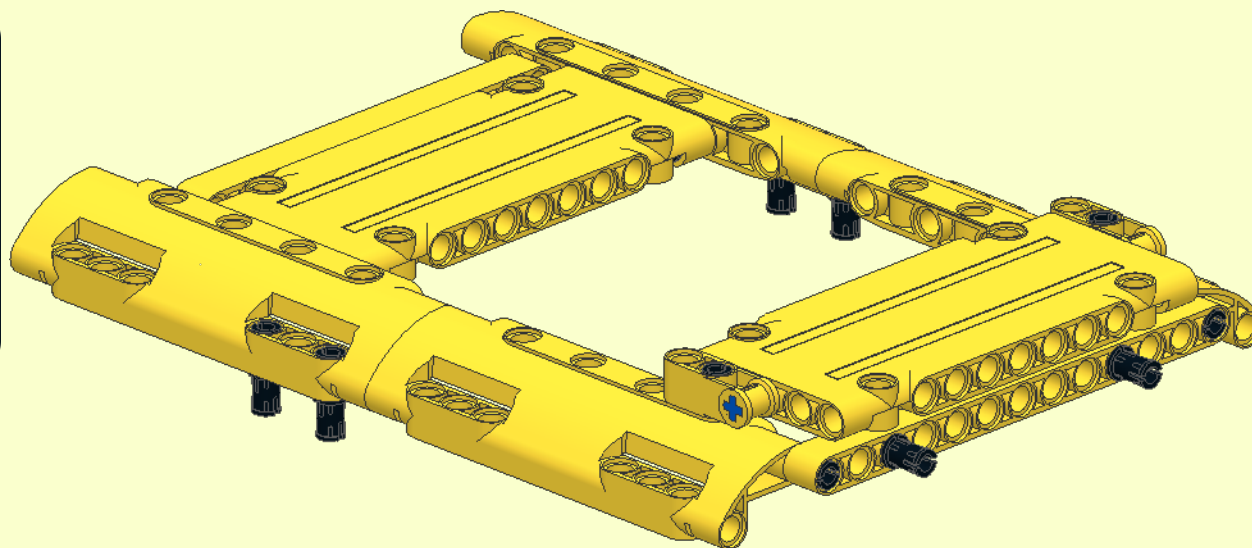
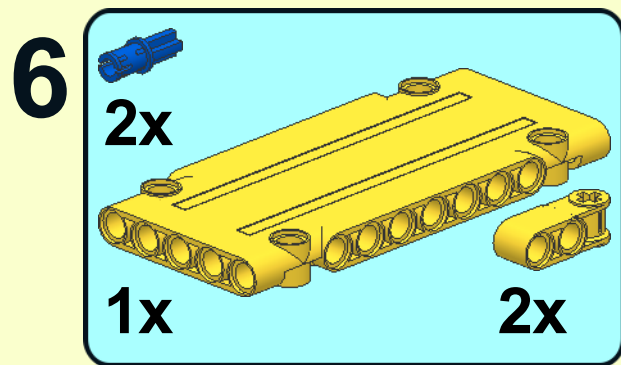


4

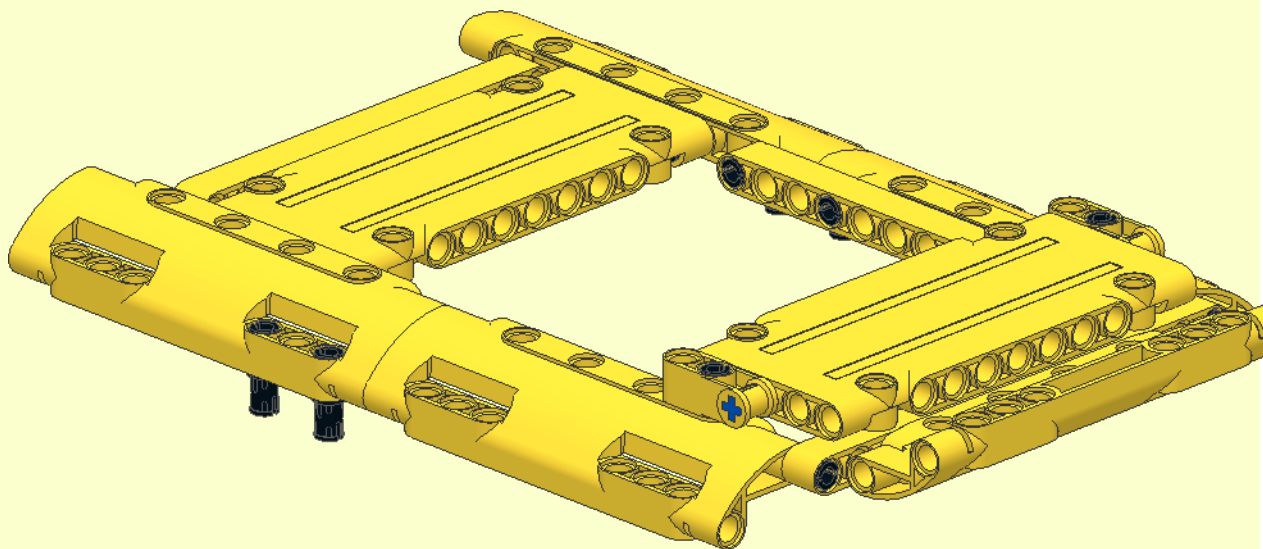
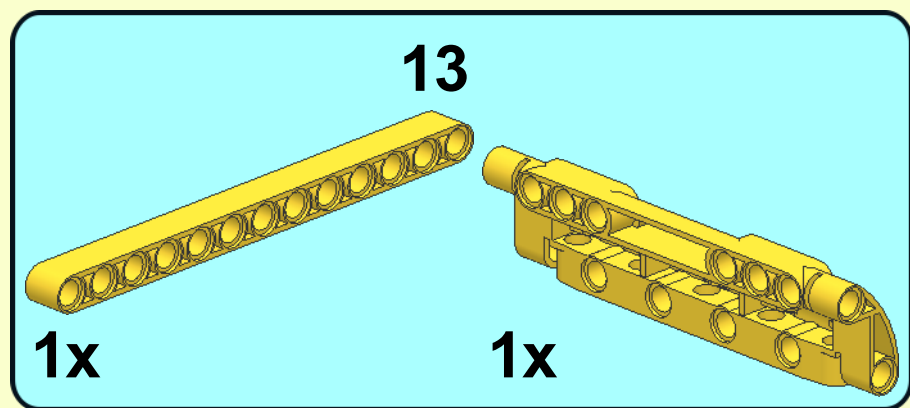


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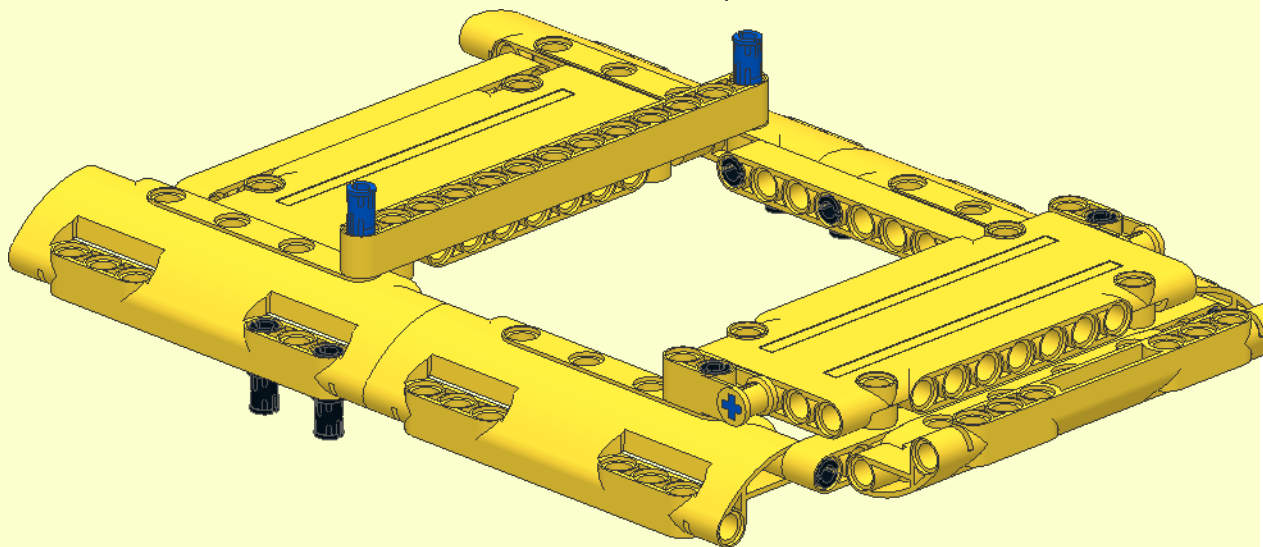
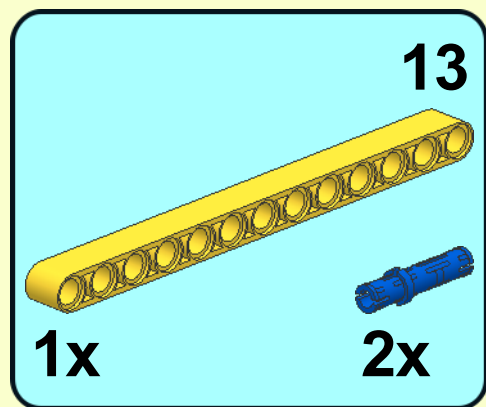




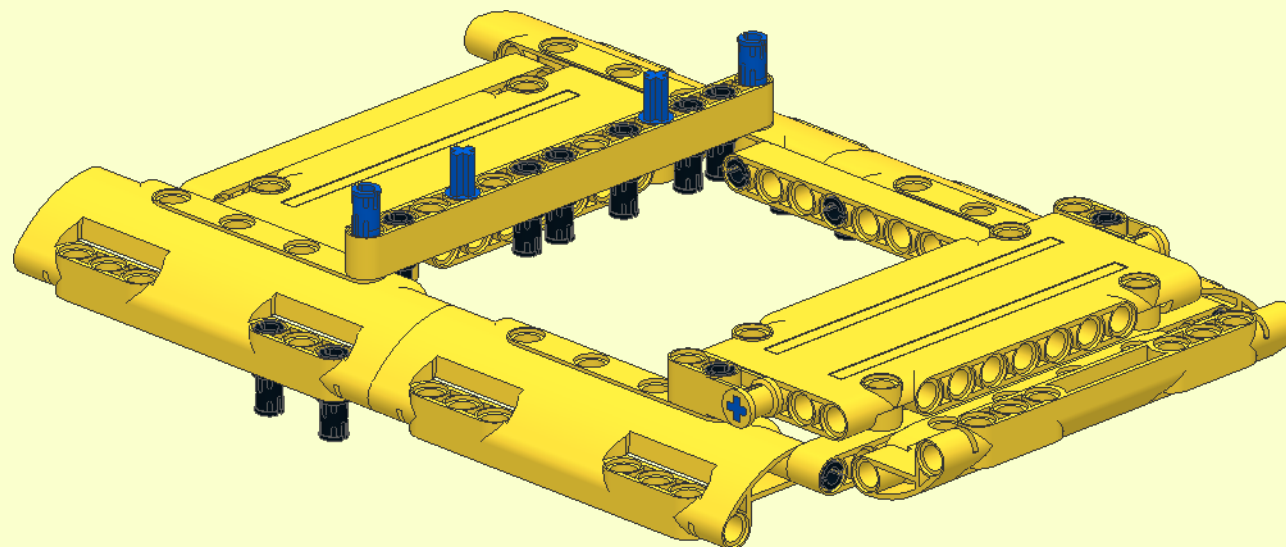
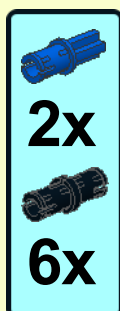
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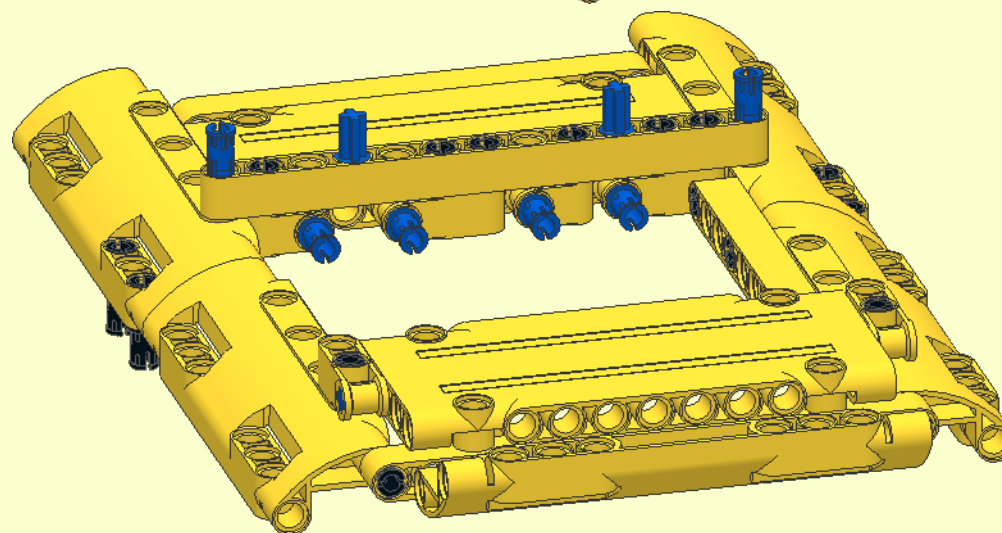
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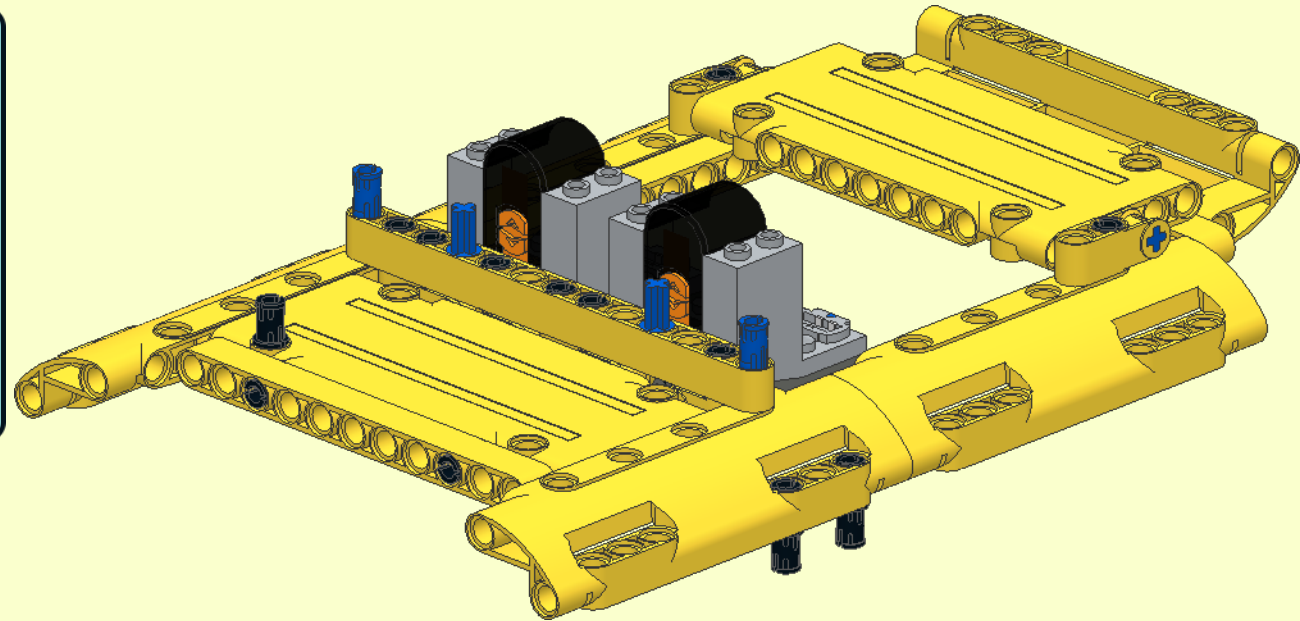
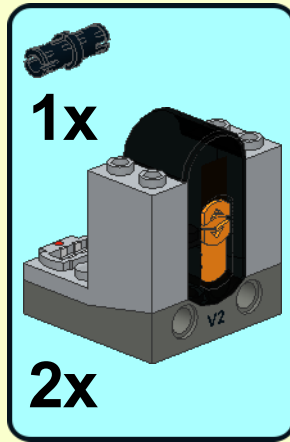
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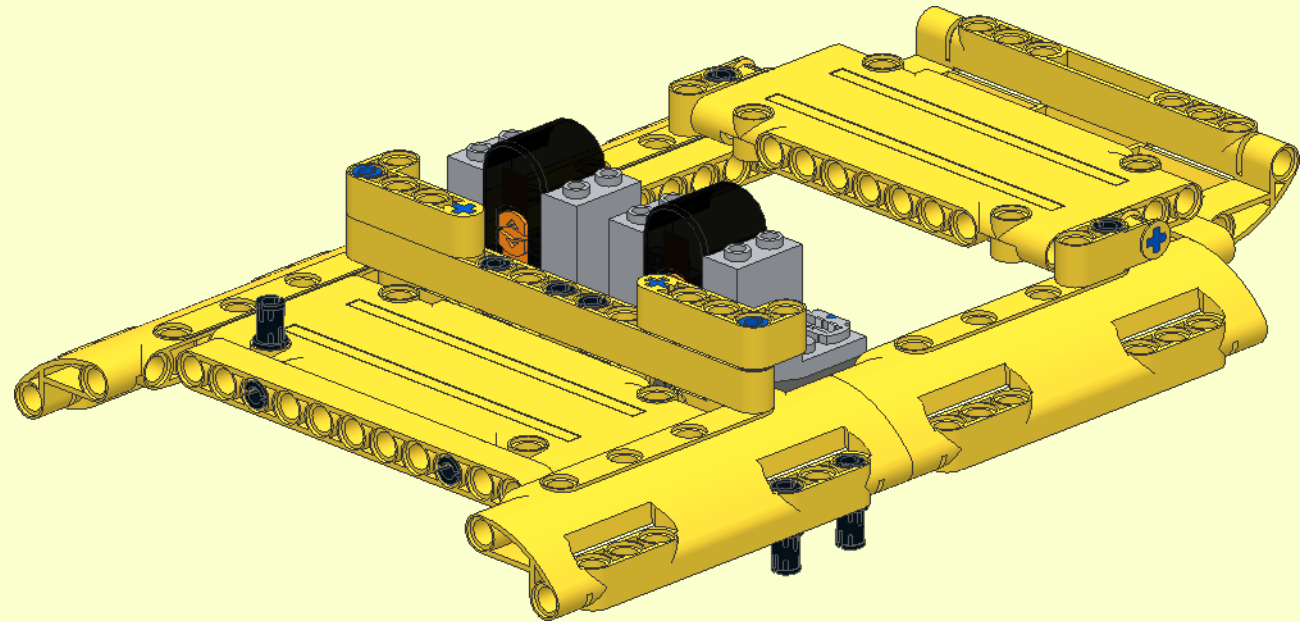
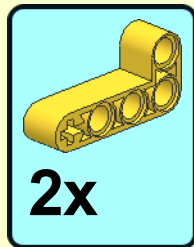
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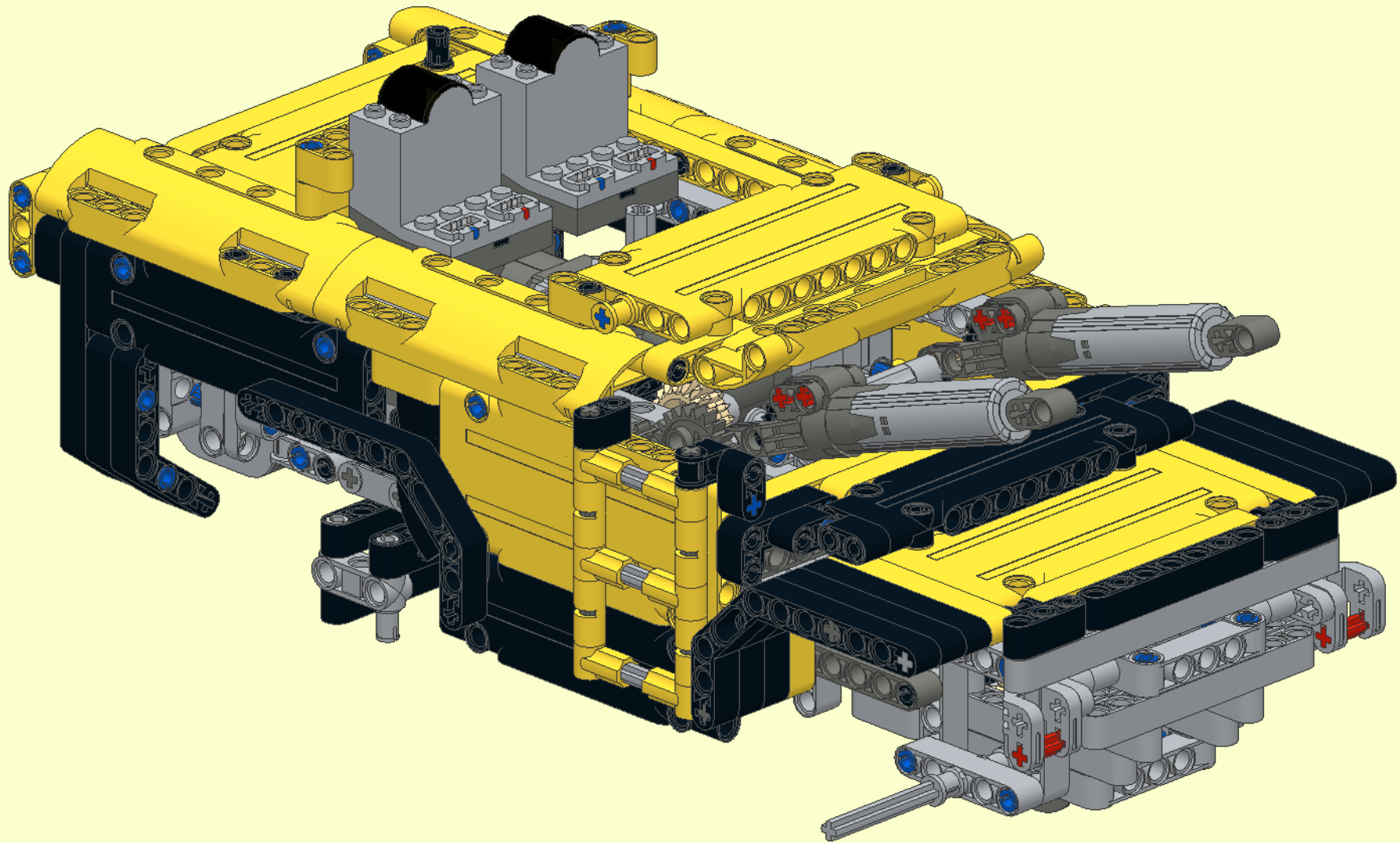


12

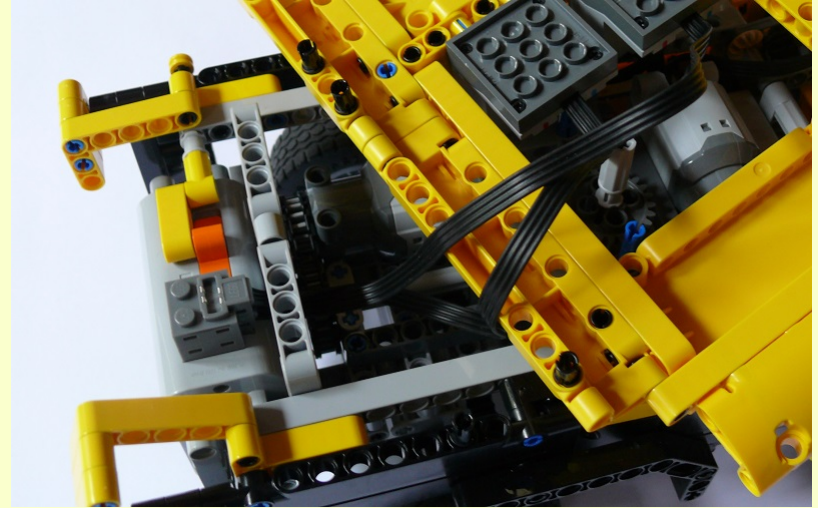


13





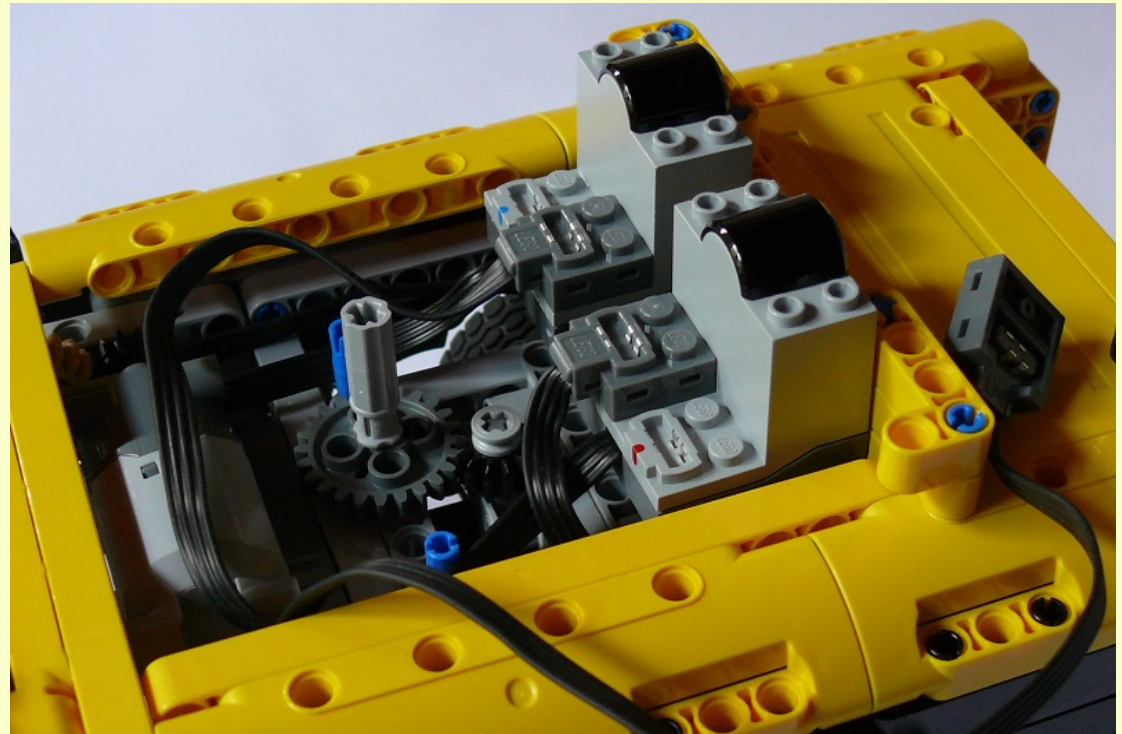
Plug the two IR receivers like shown on the photos.

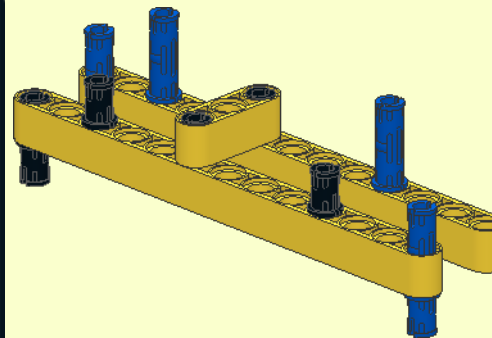
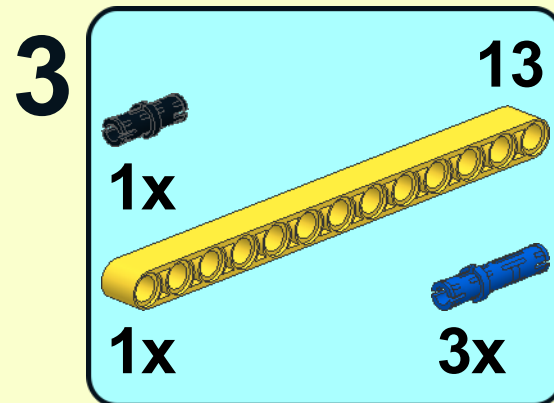
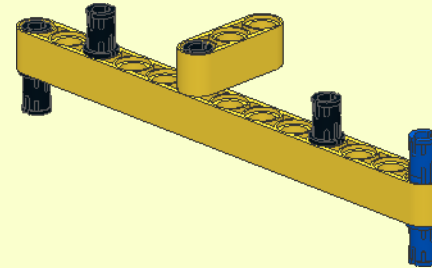
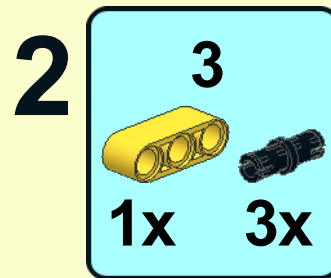
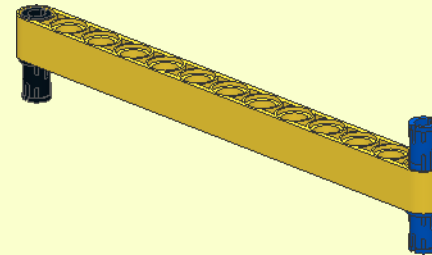
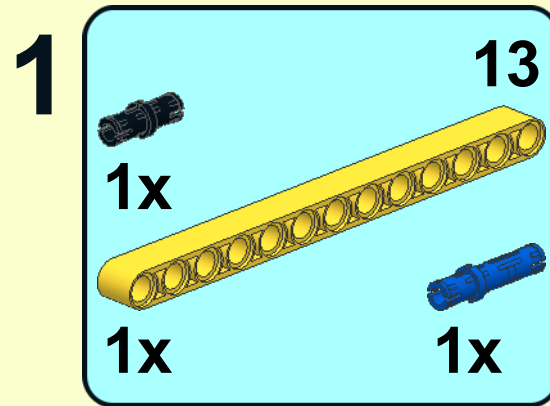


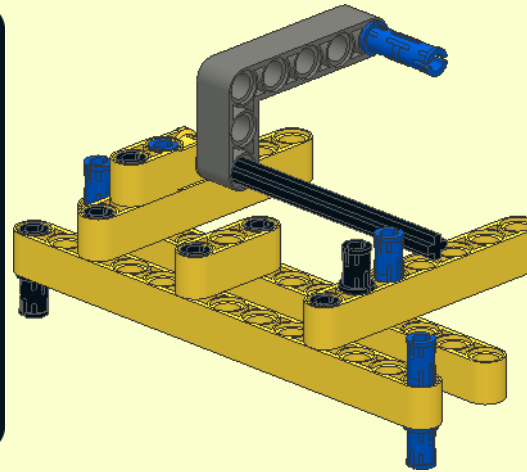
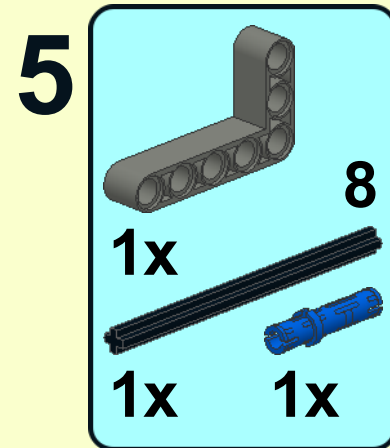
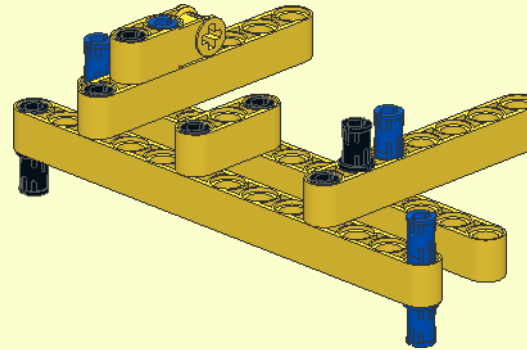
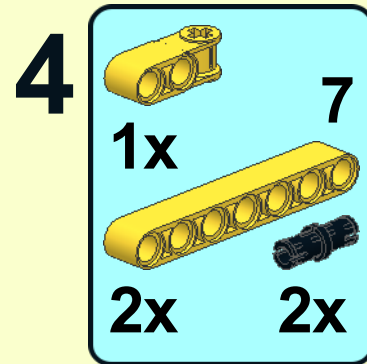
Plug the XL motor on the red plug of the right IR receiver

Plug the L motor on the blue plug of the left IR receiver

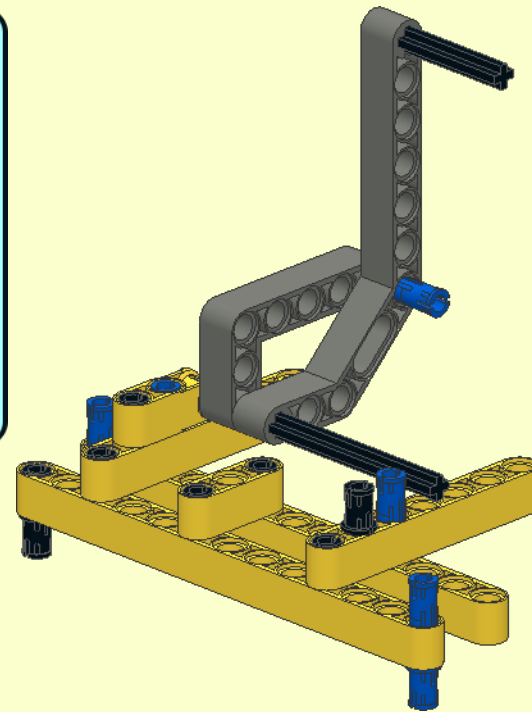
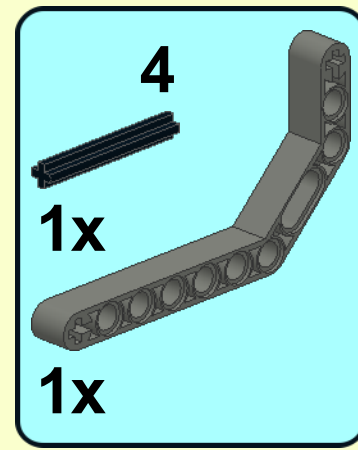
Plug the last motor wire on the red plug of the left IR receiver



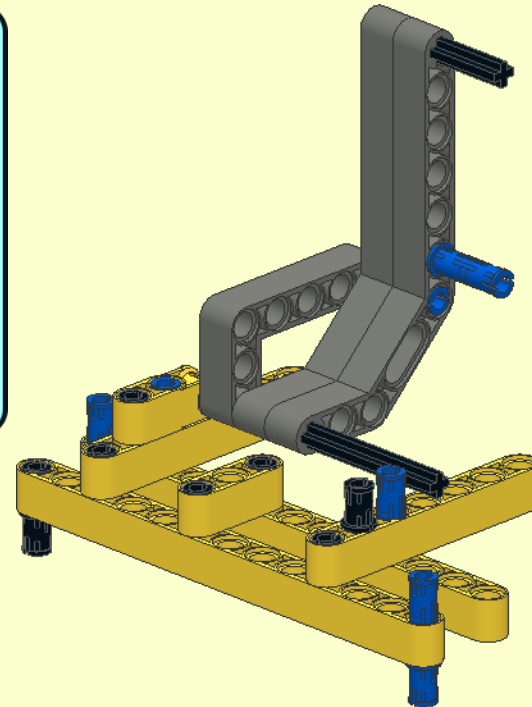
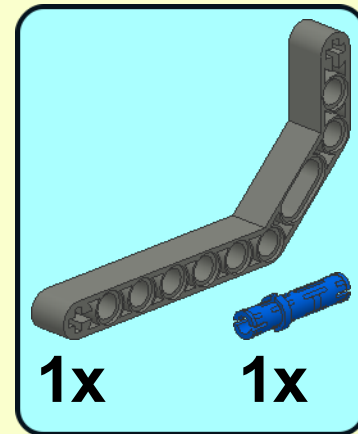




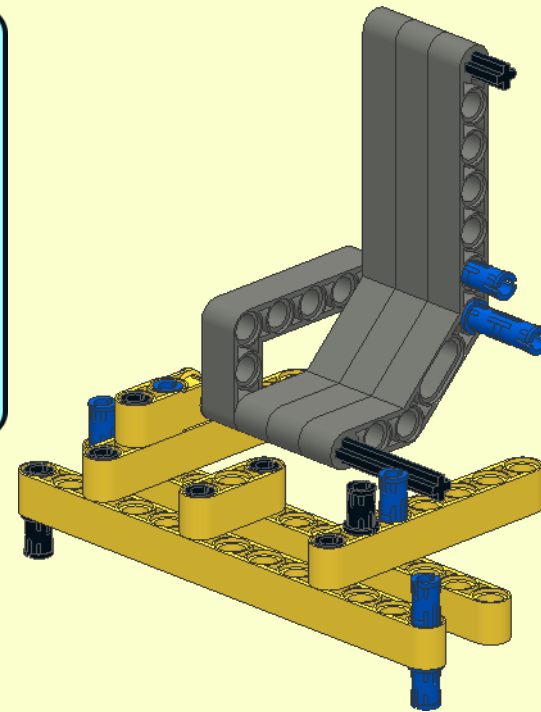
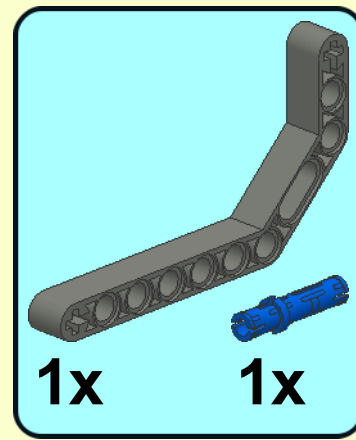
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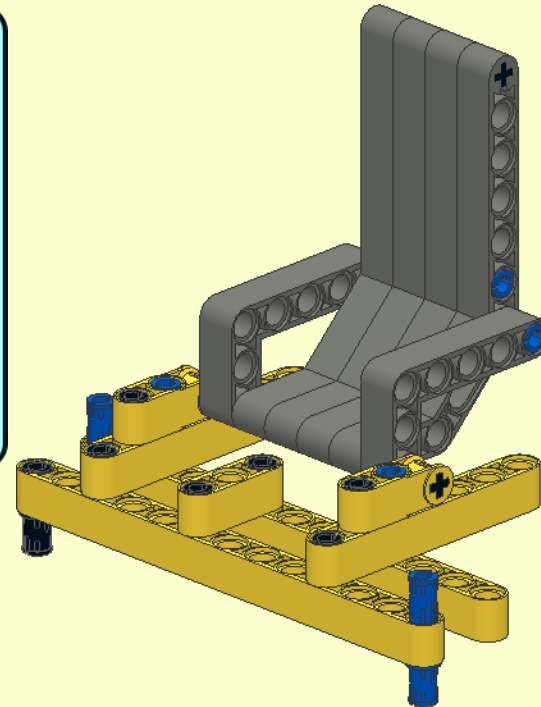
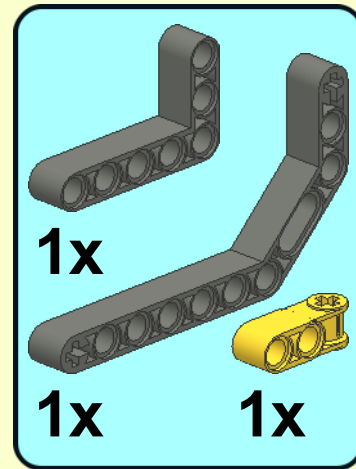
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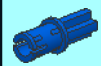
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9



10



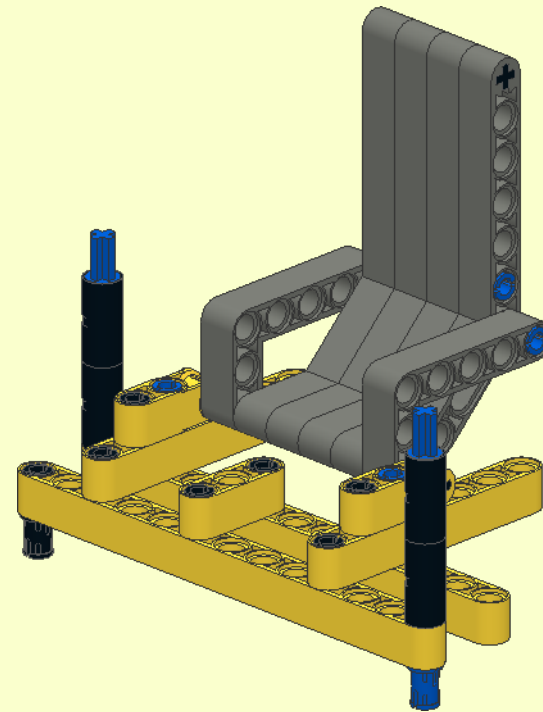
2x



2x



4x



11

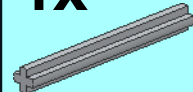


1x



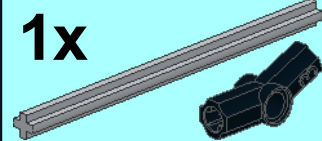
1x

5



1x

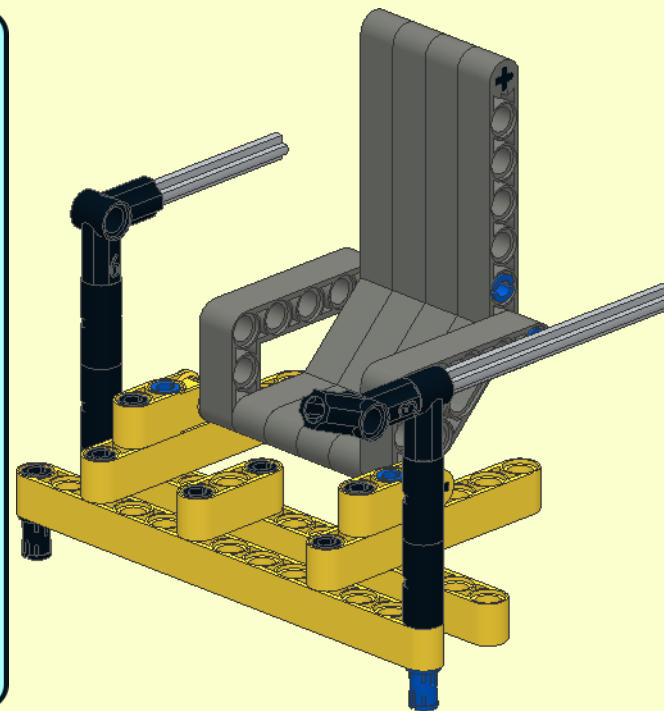
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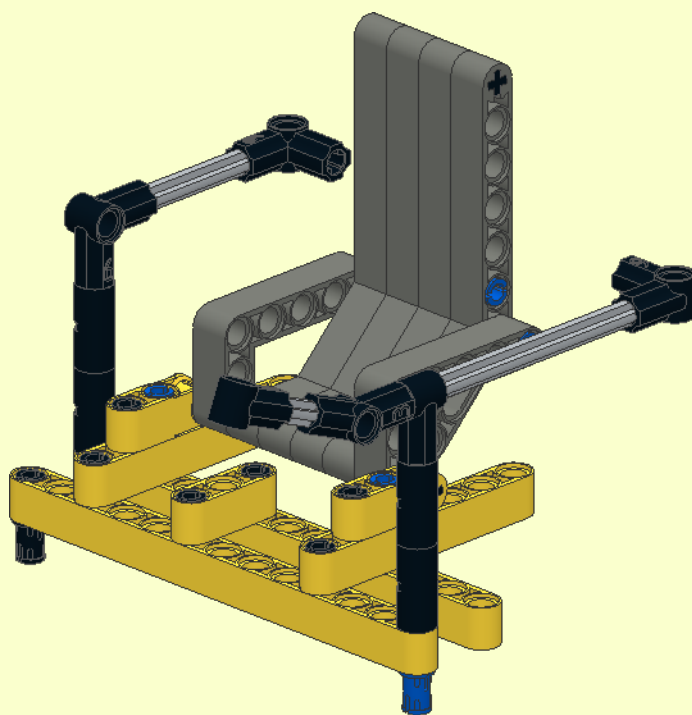
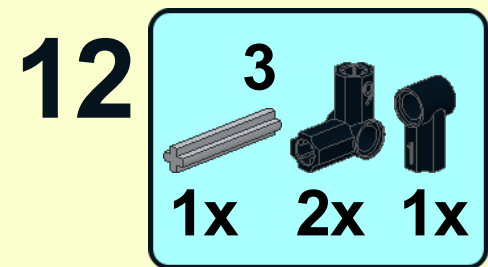


1x

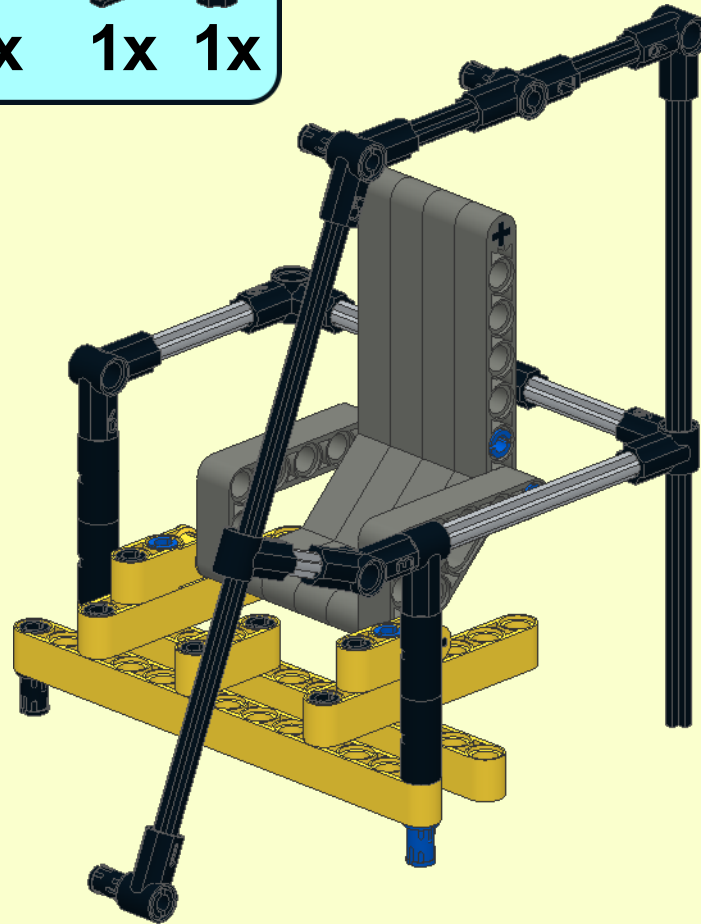
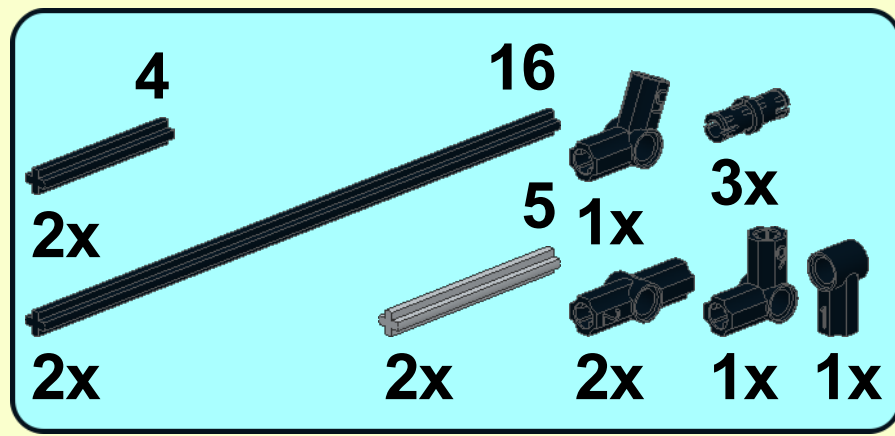


1x

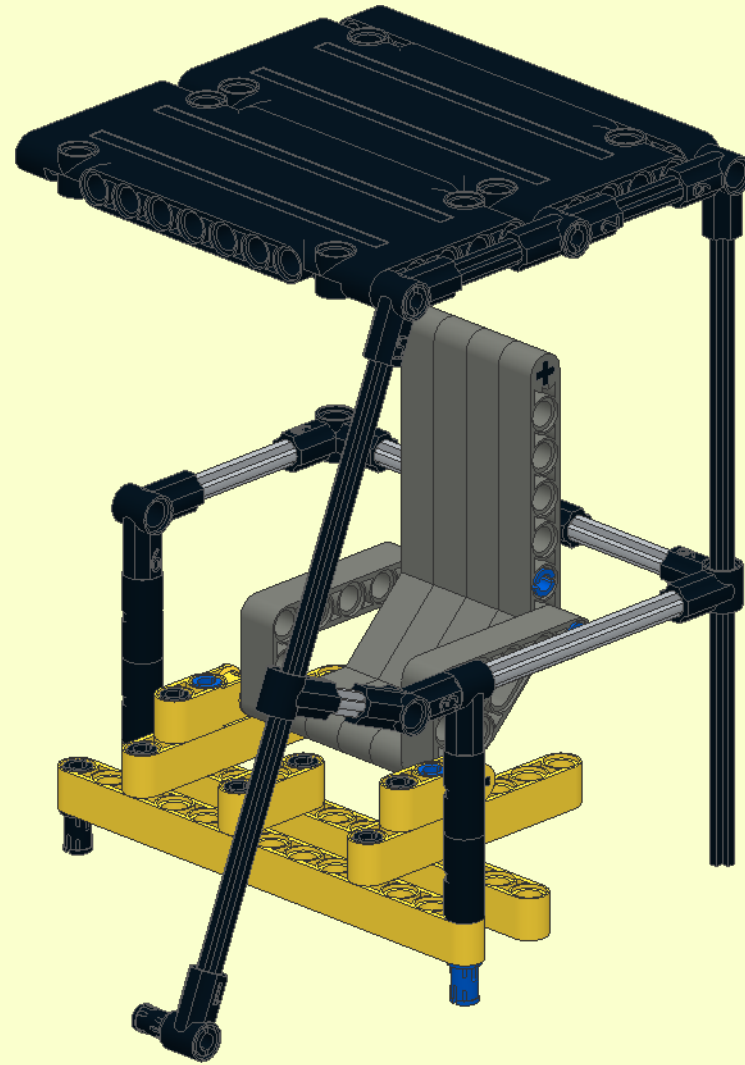
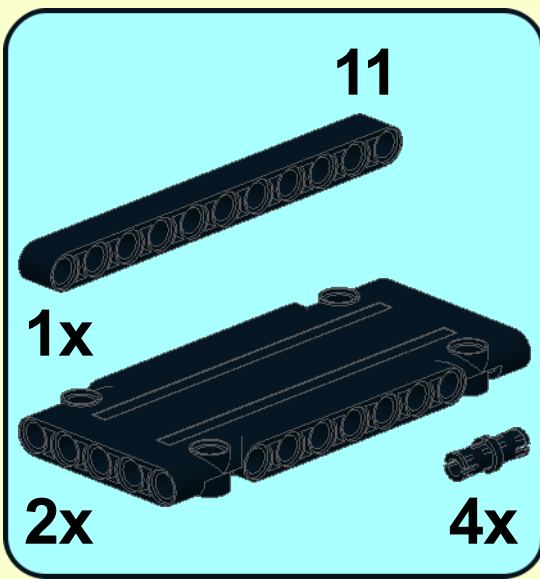




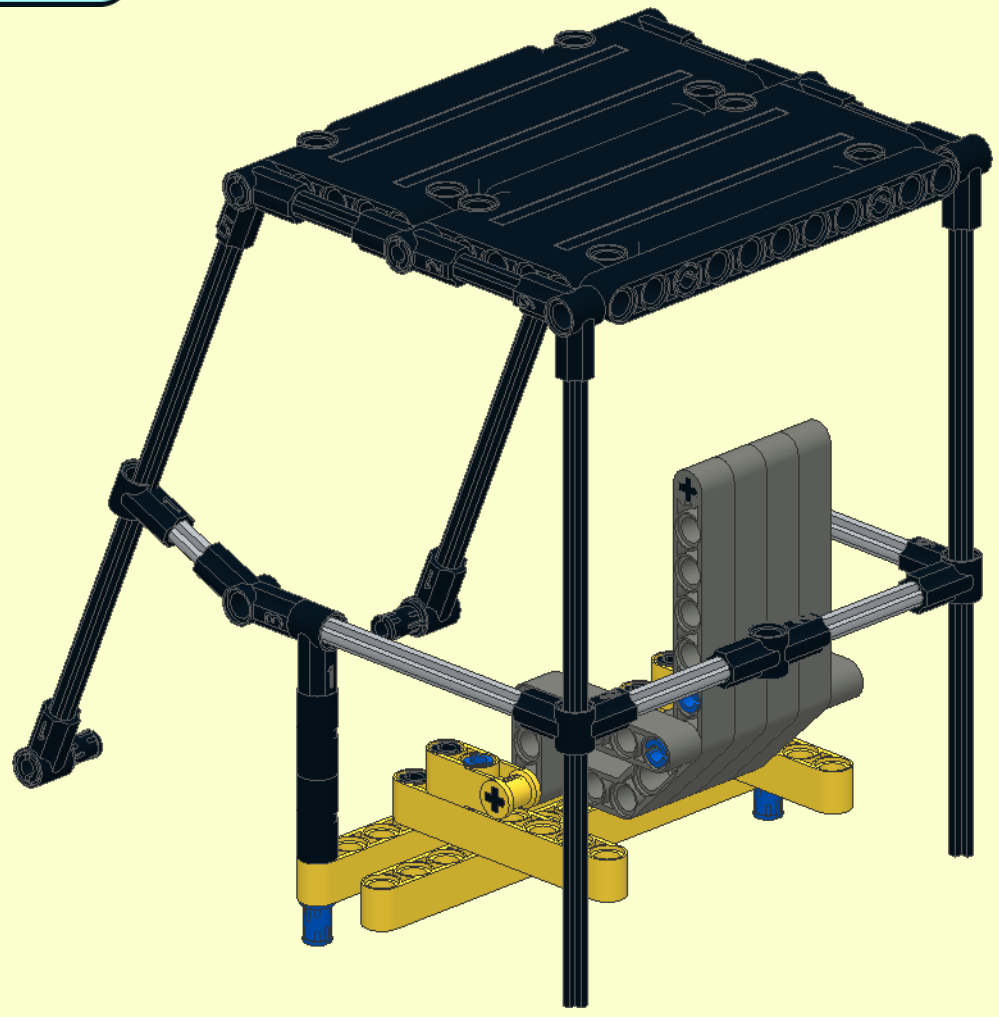
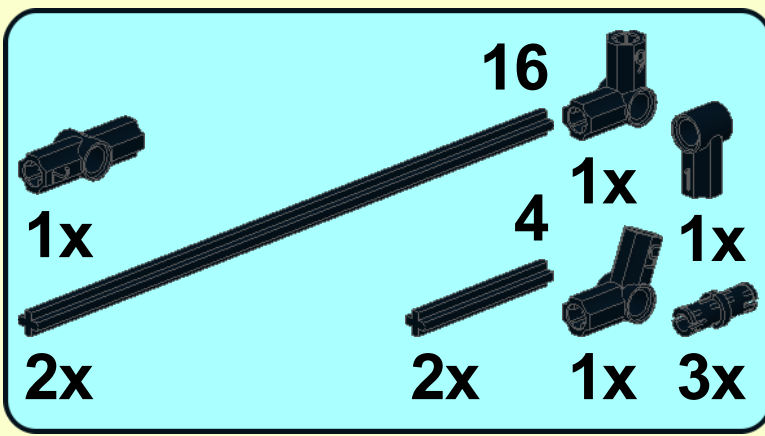
13



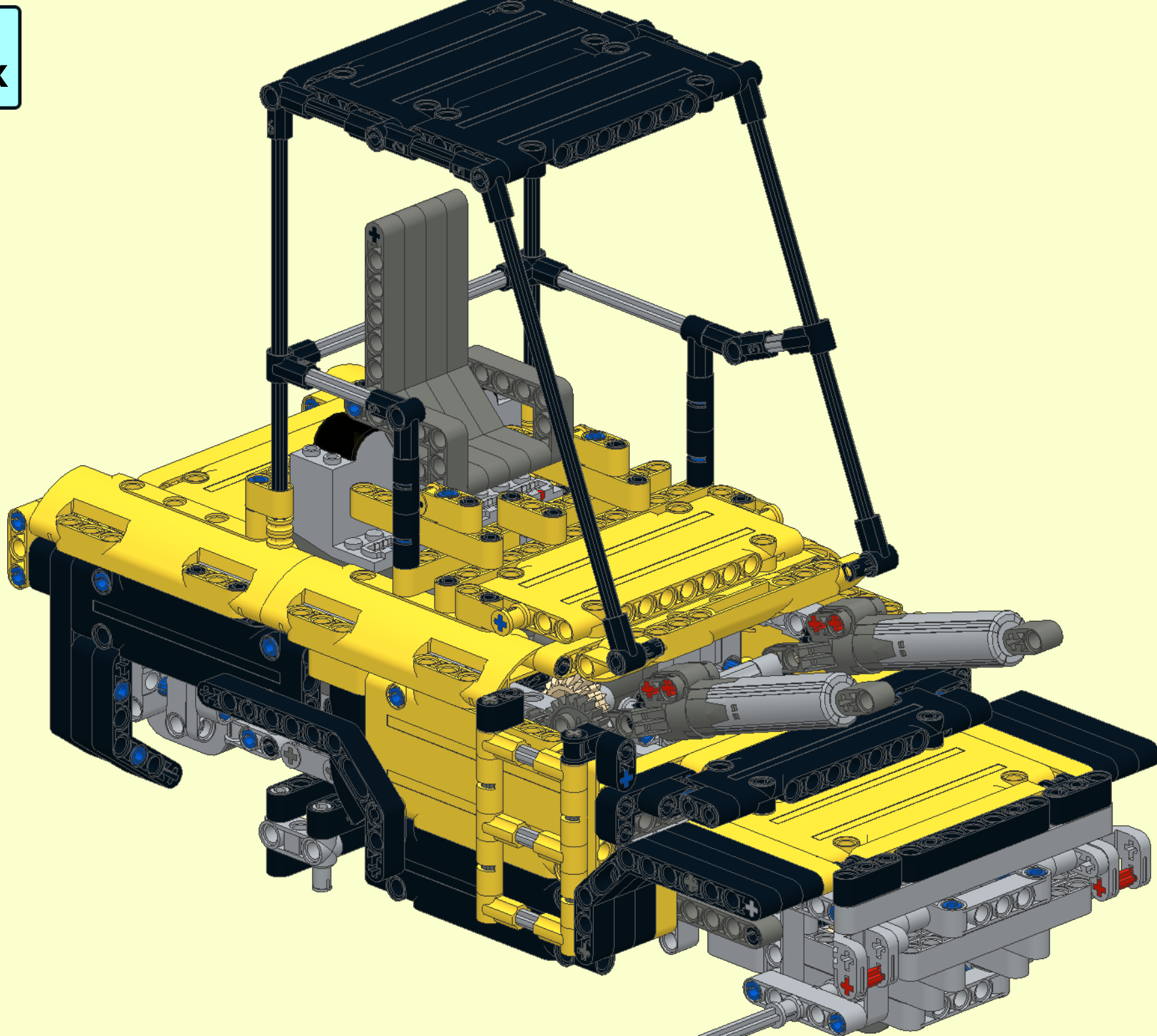
14



15

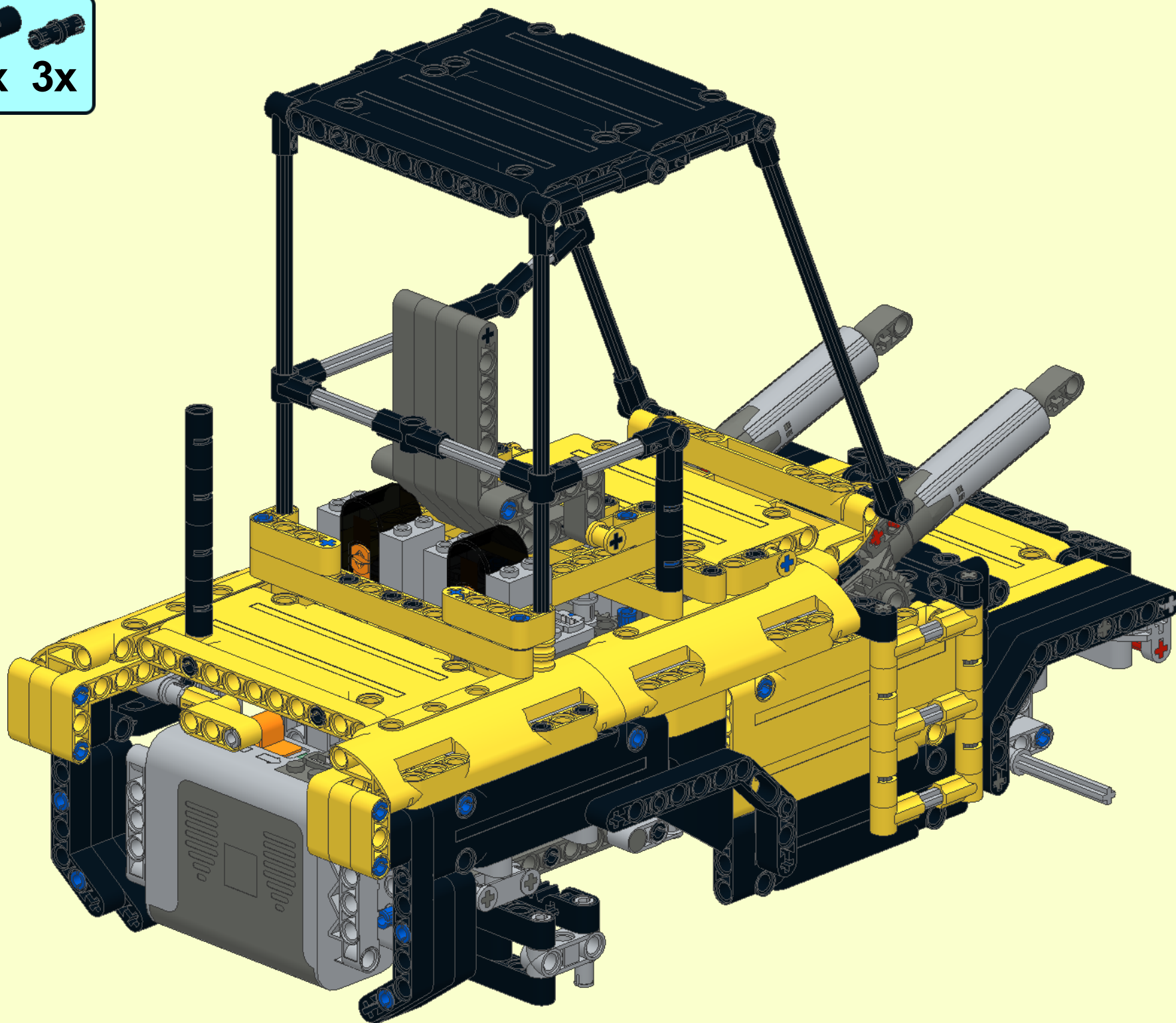


68  4x

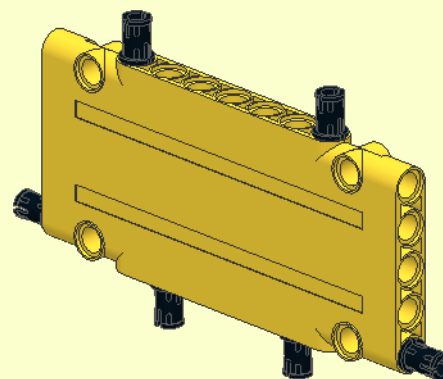
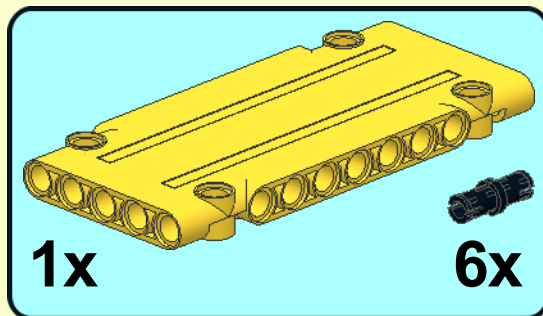


69

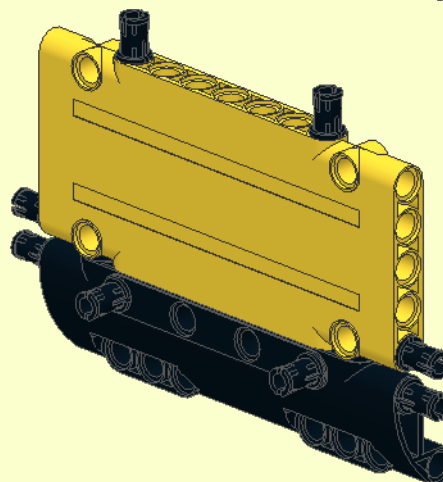
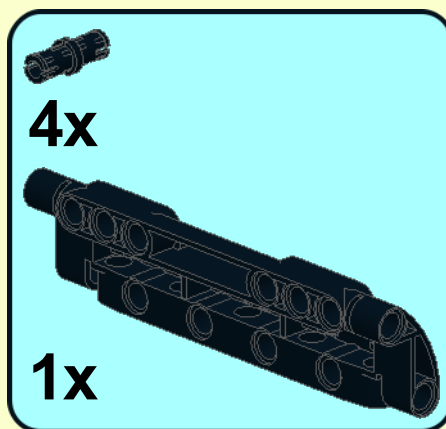
4x 3x



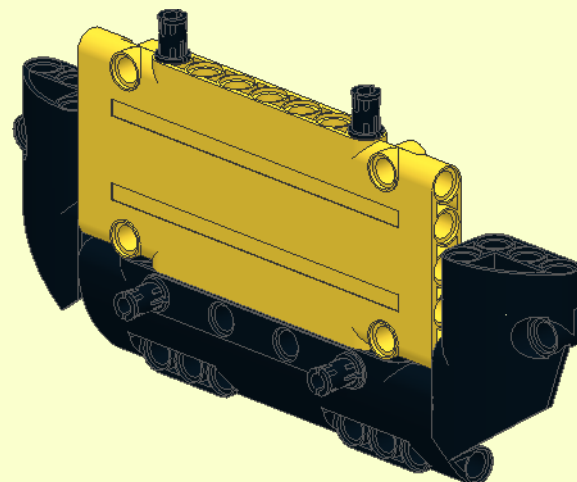
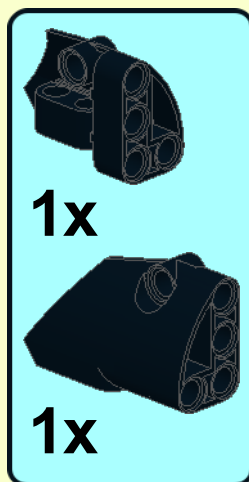
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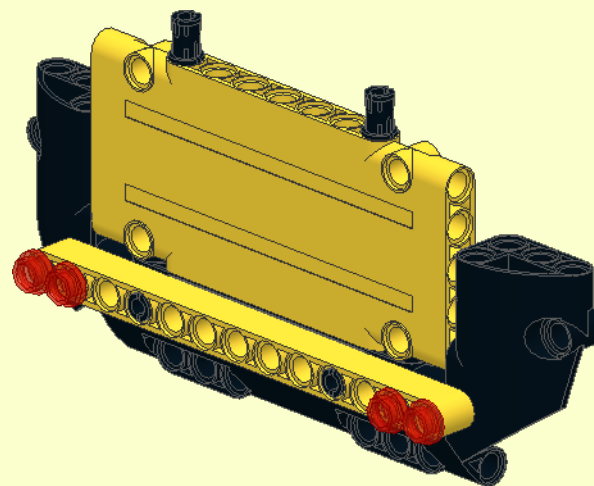
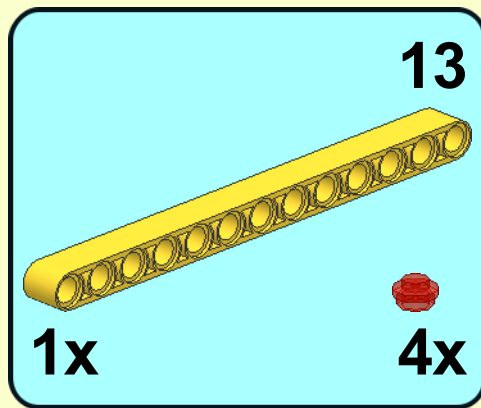
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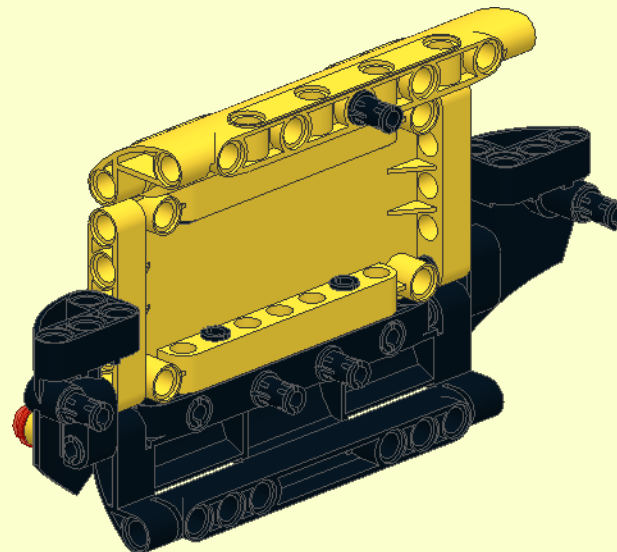
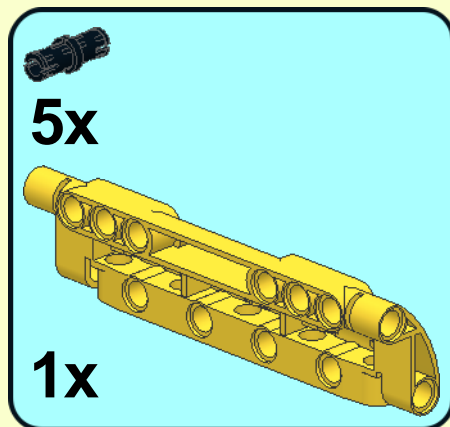
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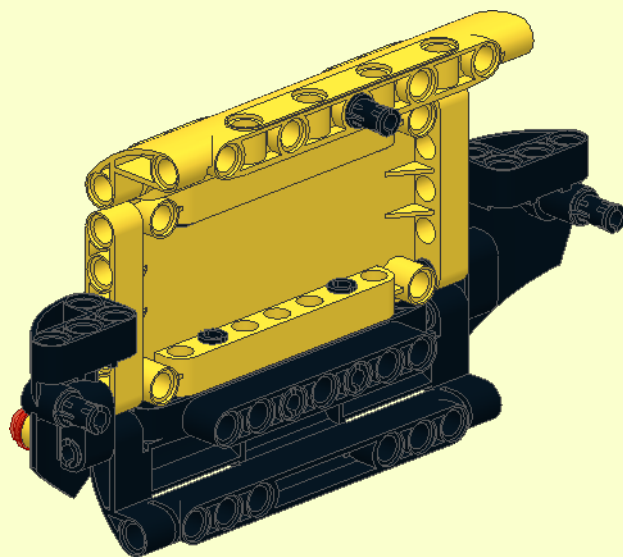
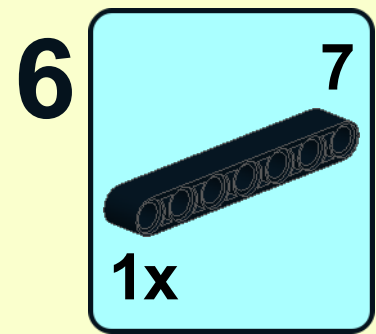


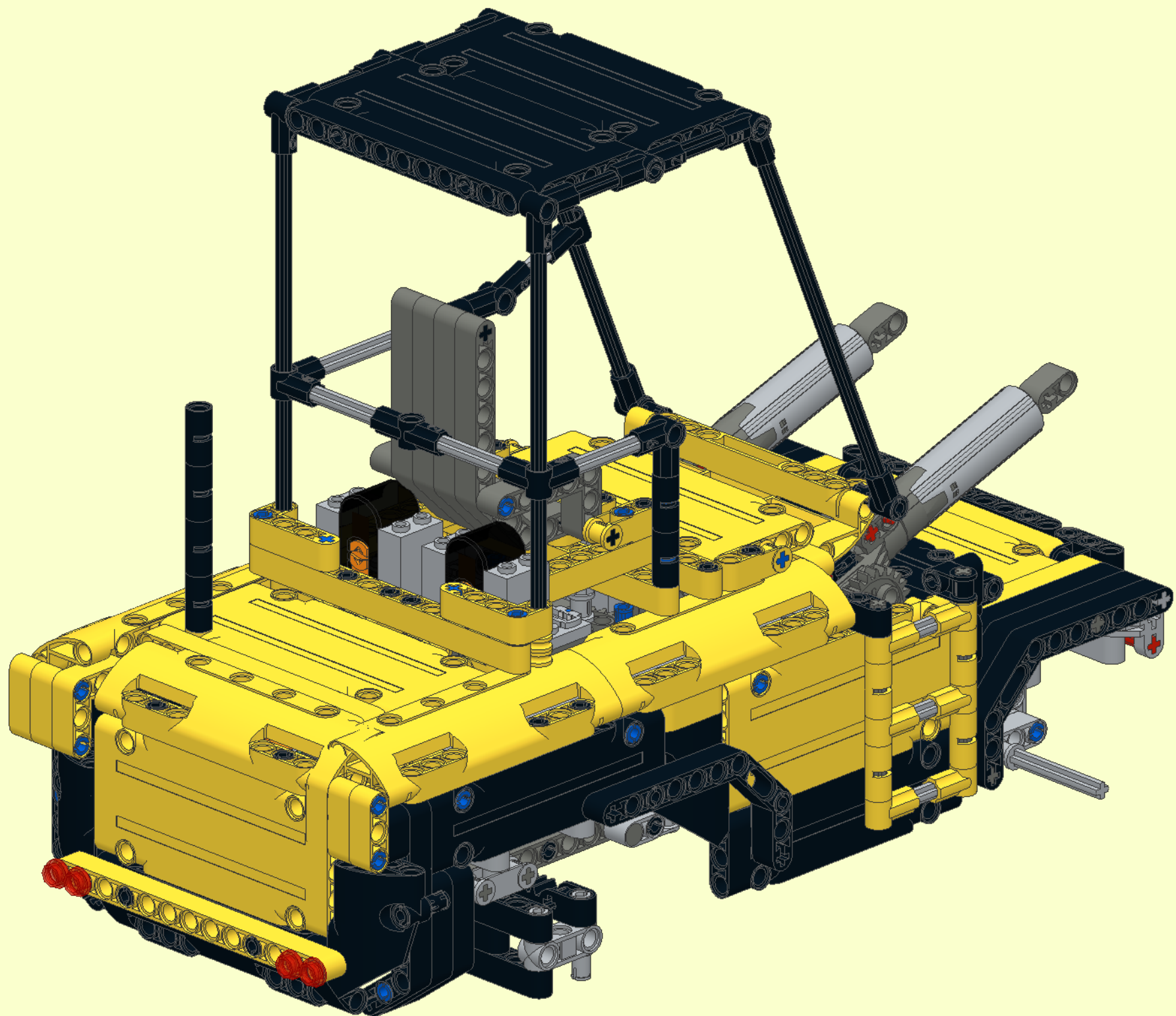
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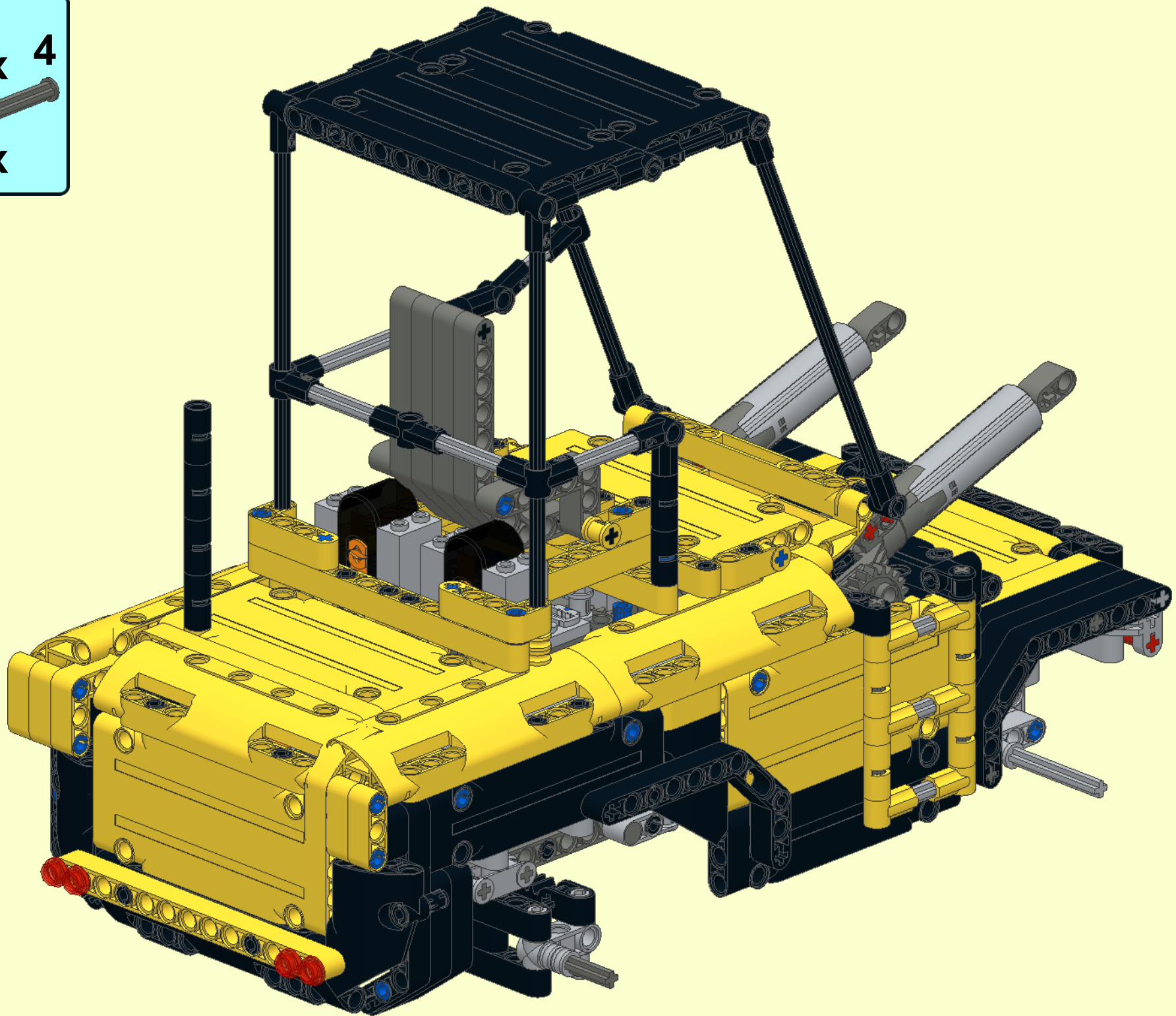
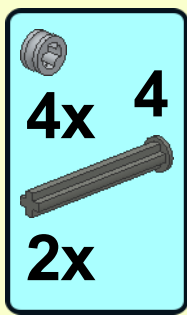
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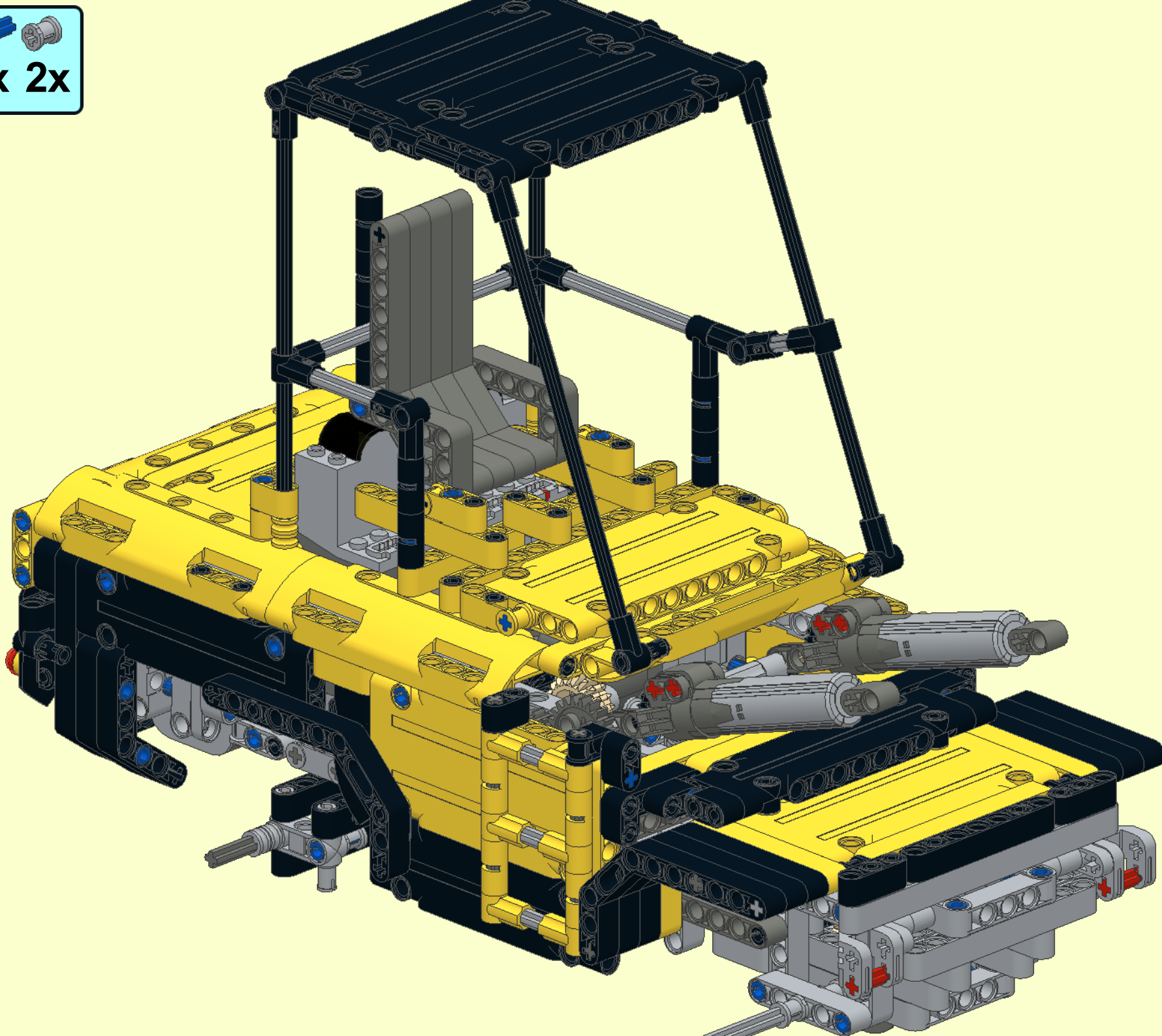


71

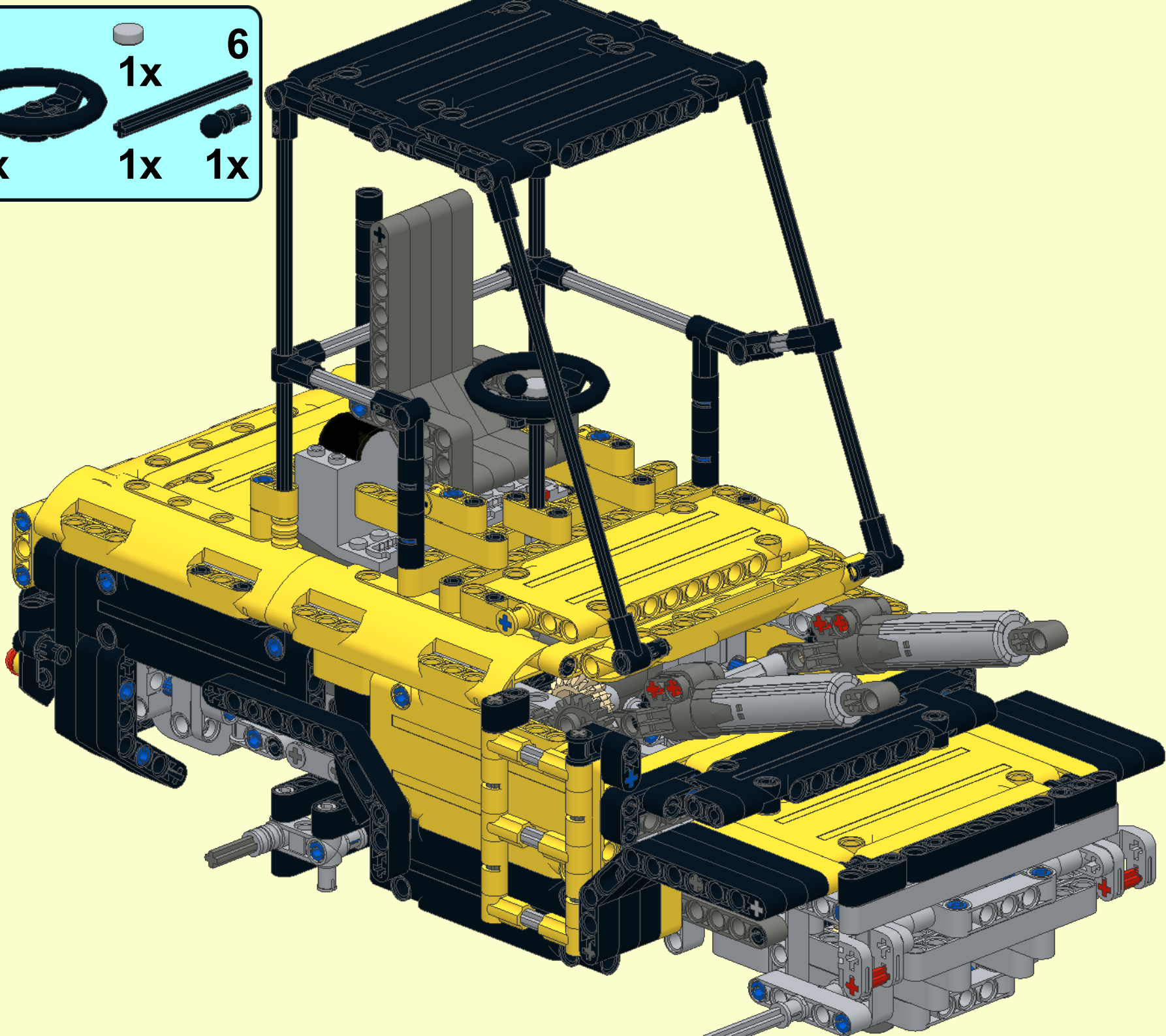
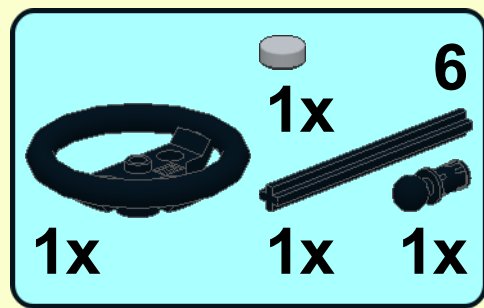


72

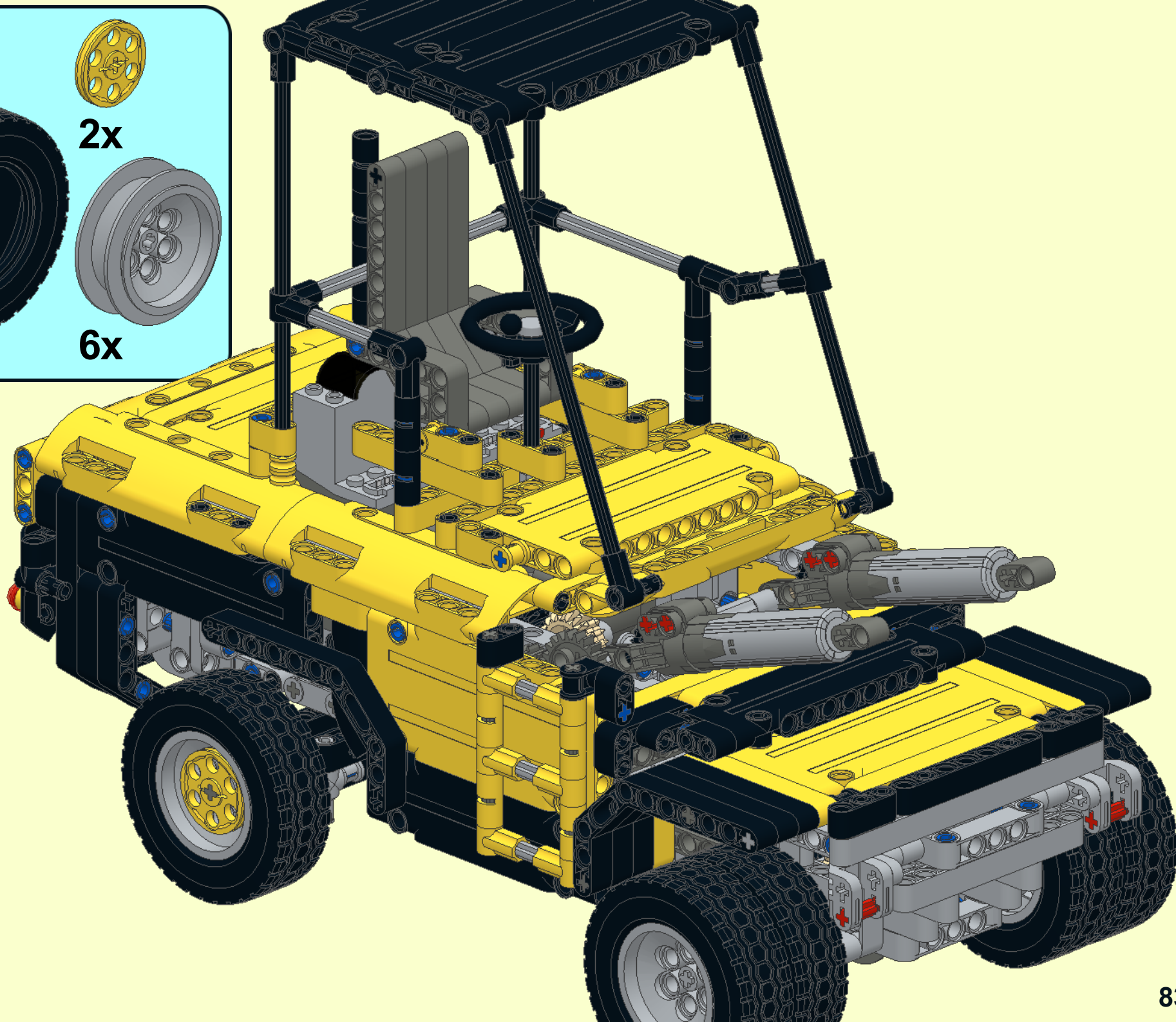
2x 2x



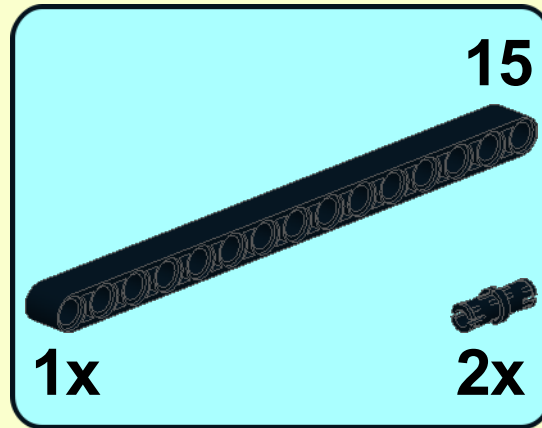
73



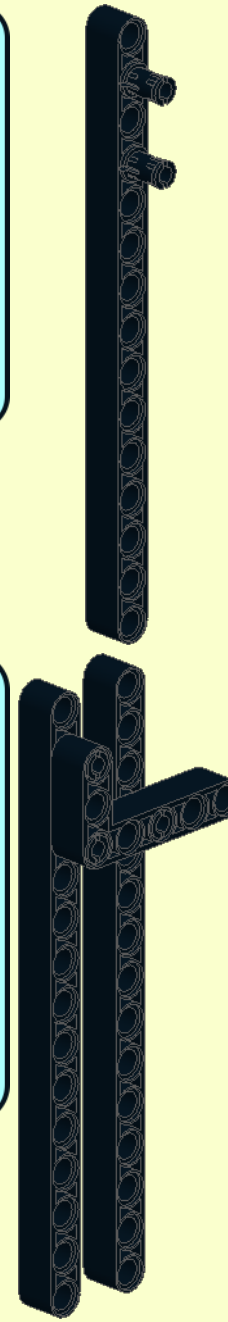
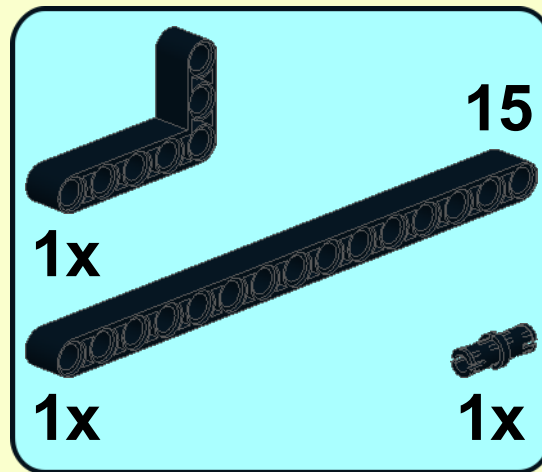
74

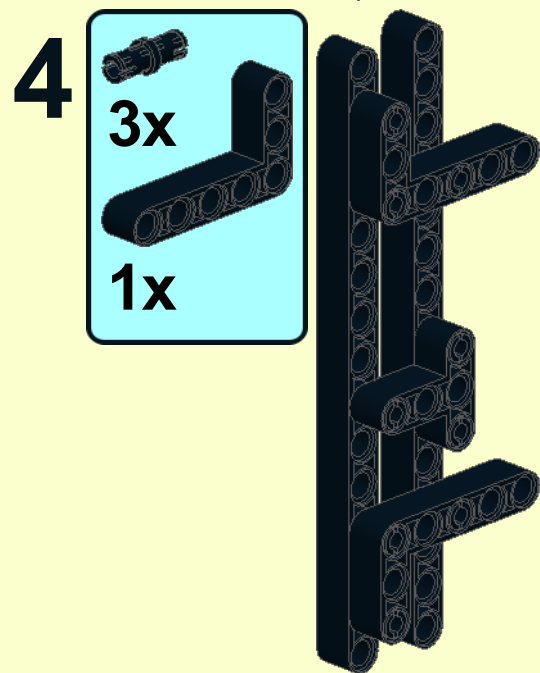
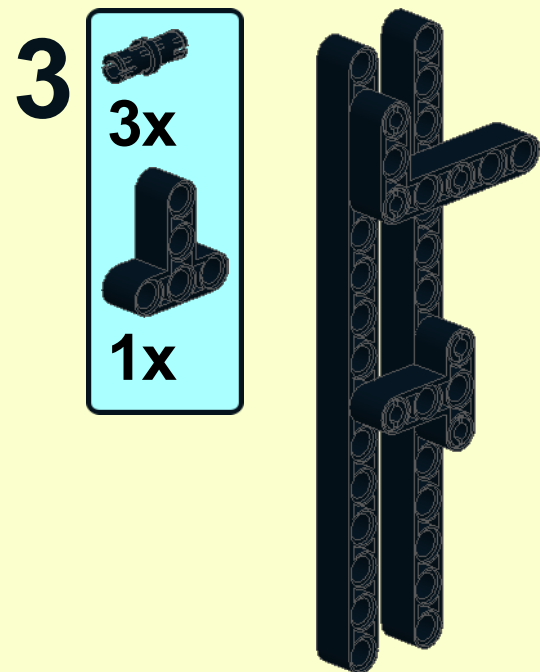


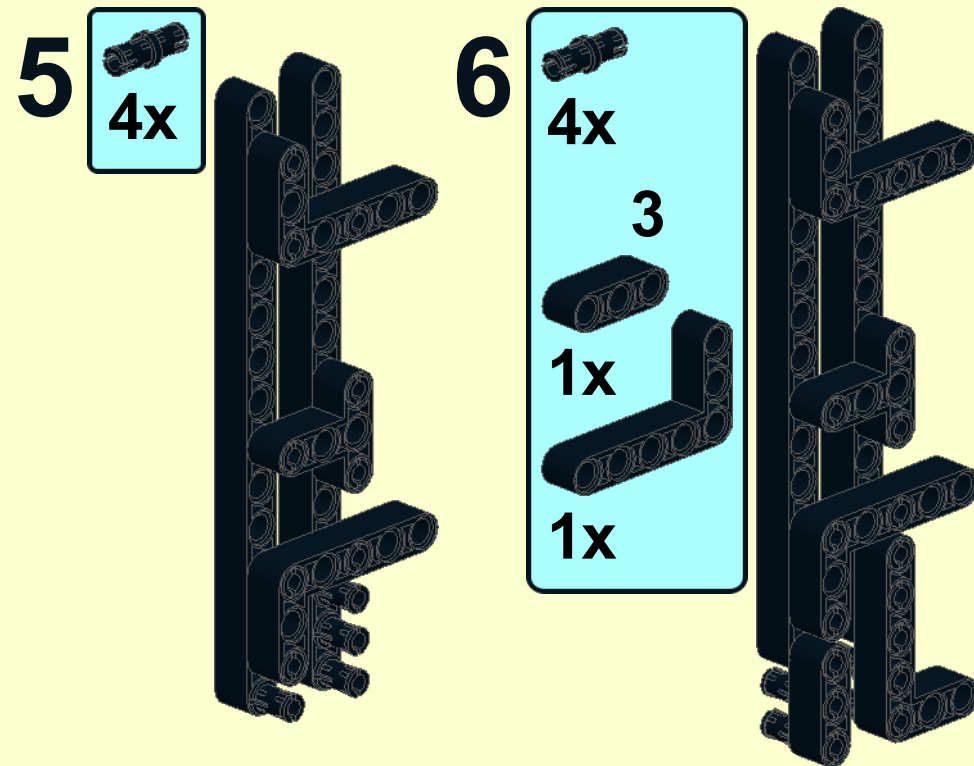
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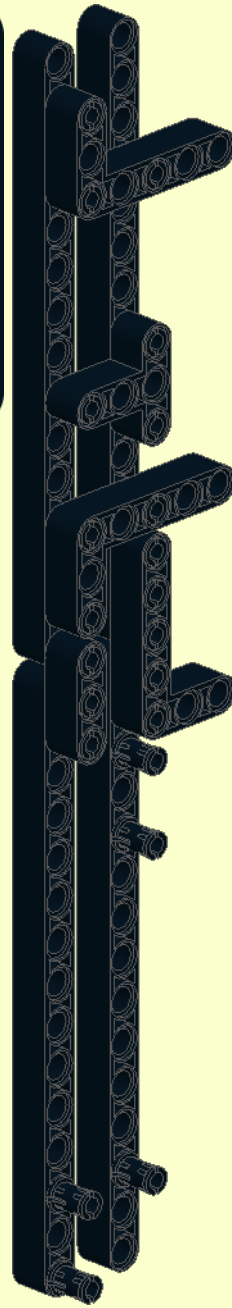
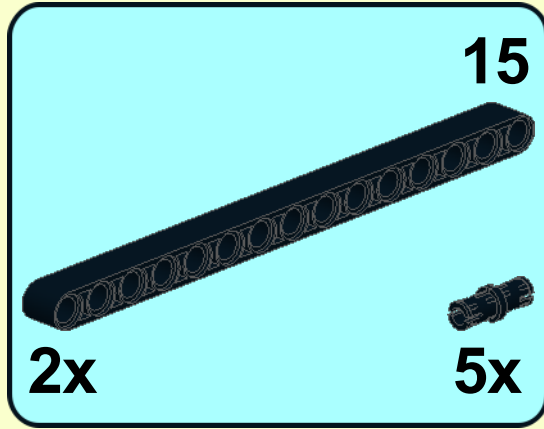
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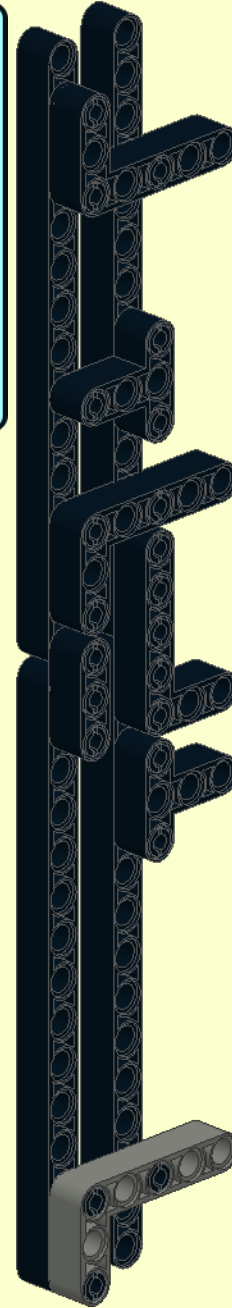
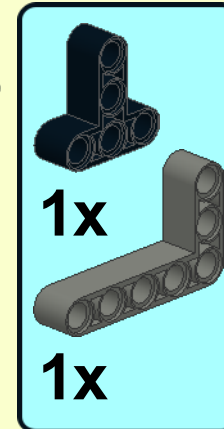




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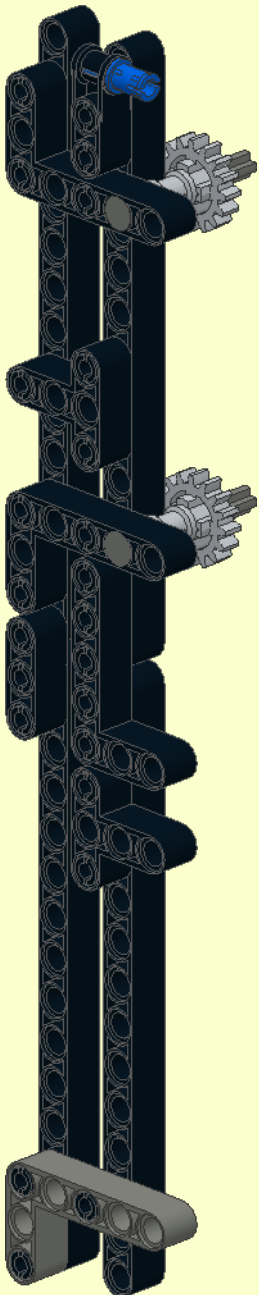


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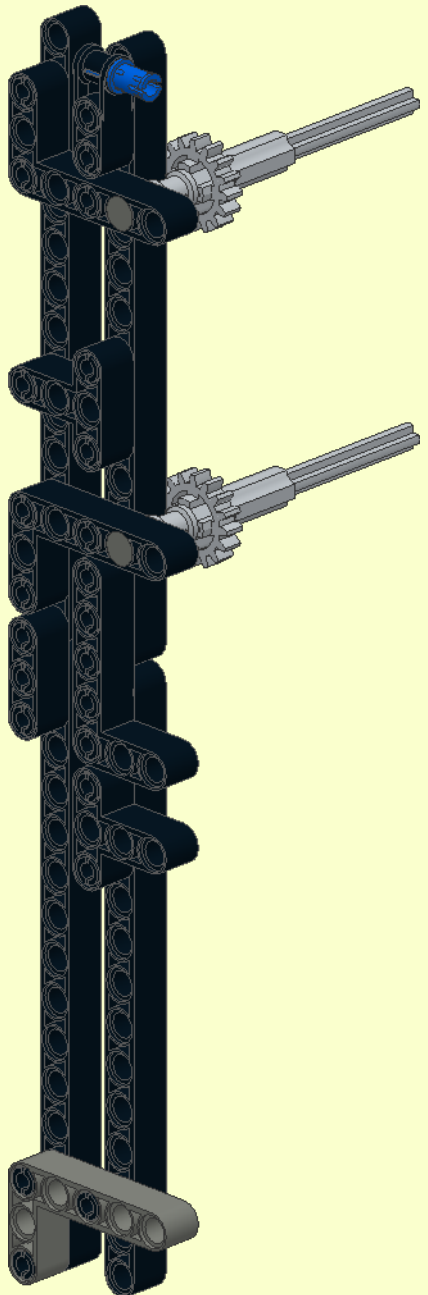
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-  2x
-  1x
-  2x
-  2x
-  1x
-  4
-  2x

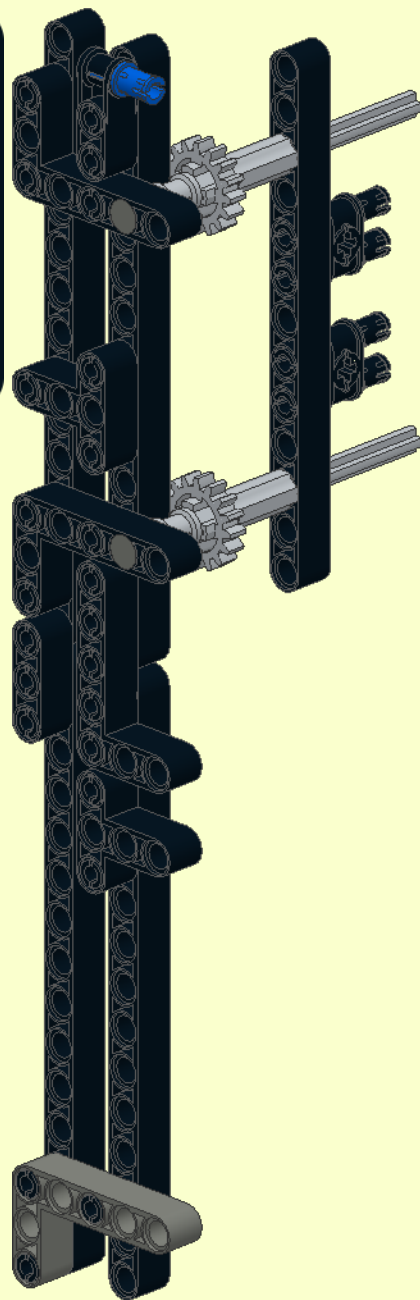
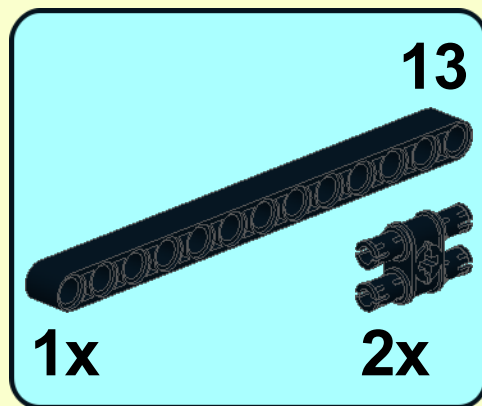


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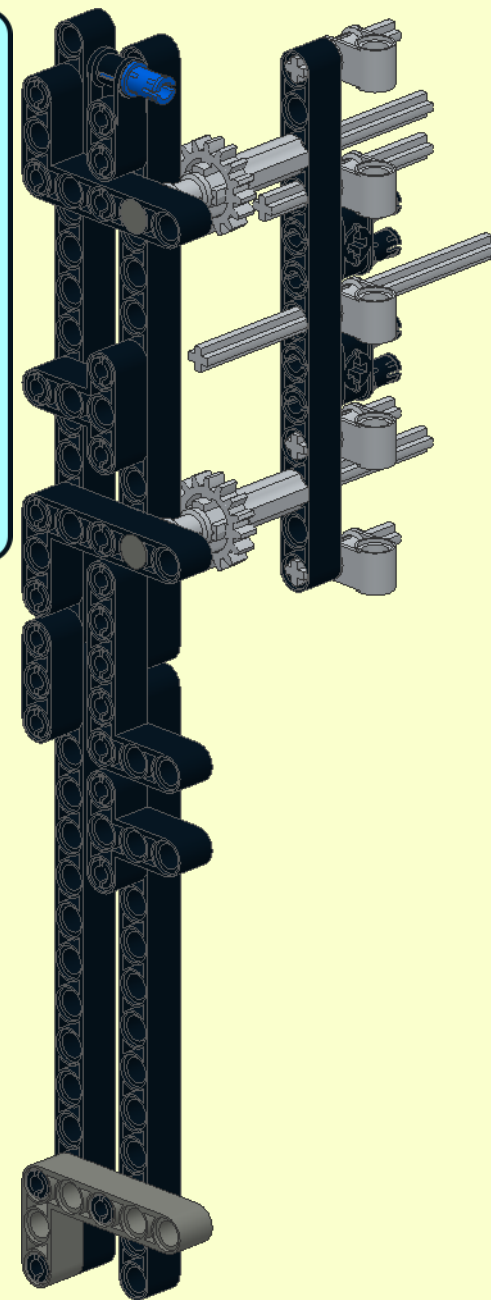
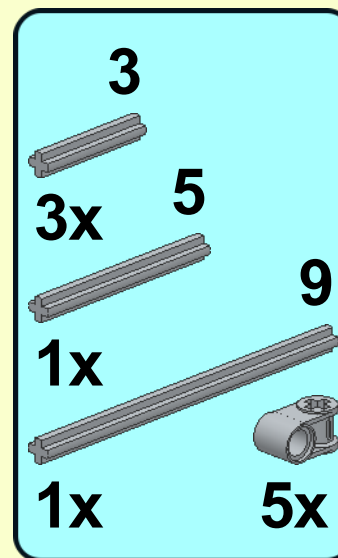
-  2x
-  5
-  2x



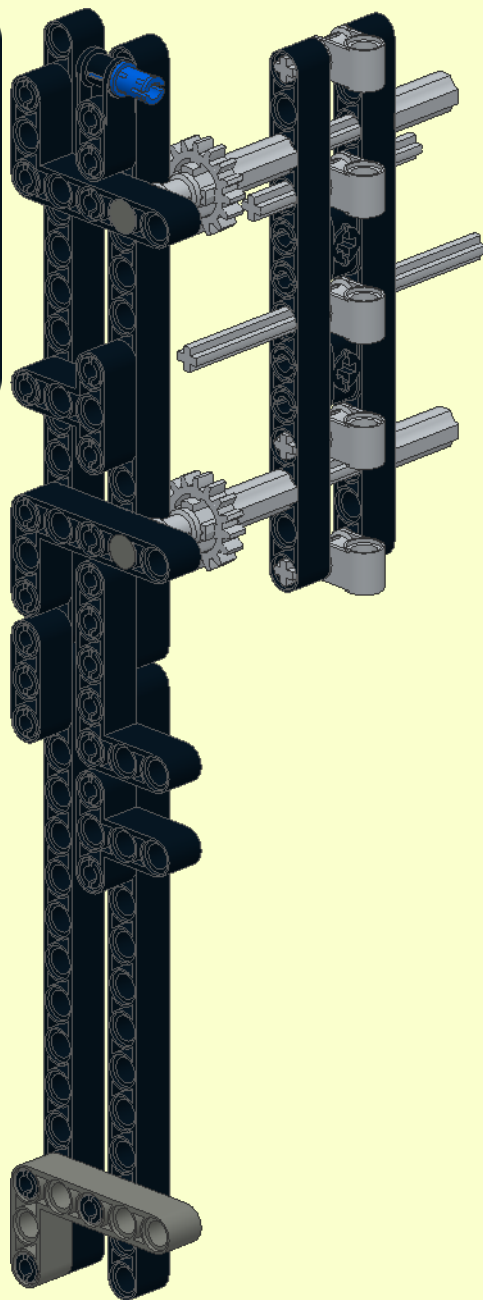
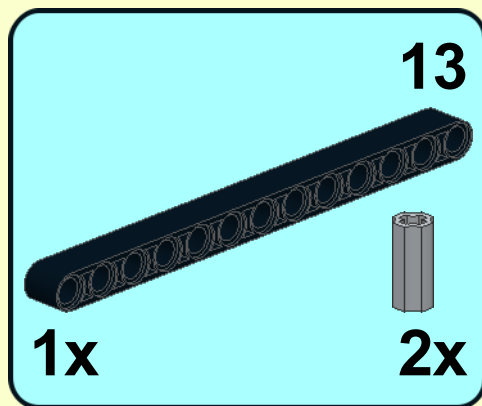
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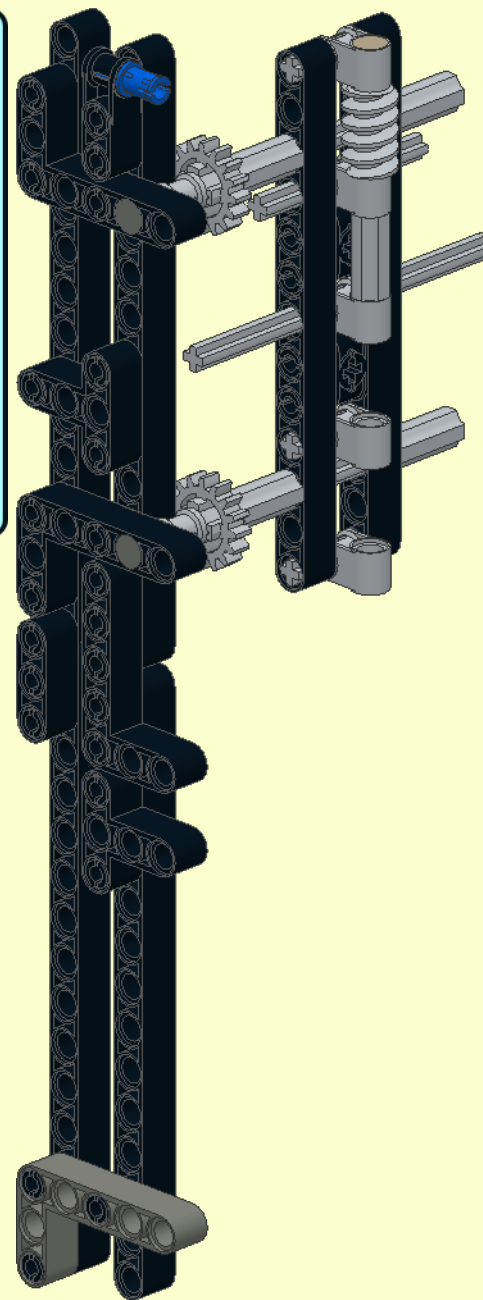
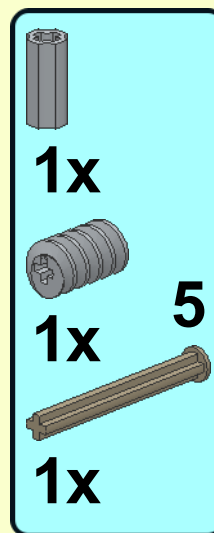
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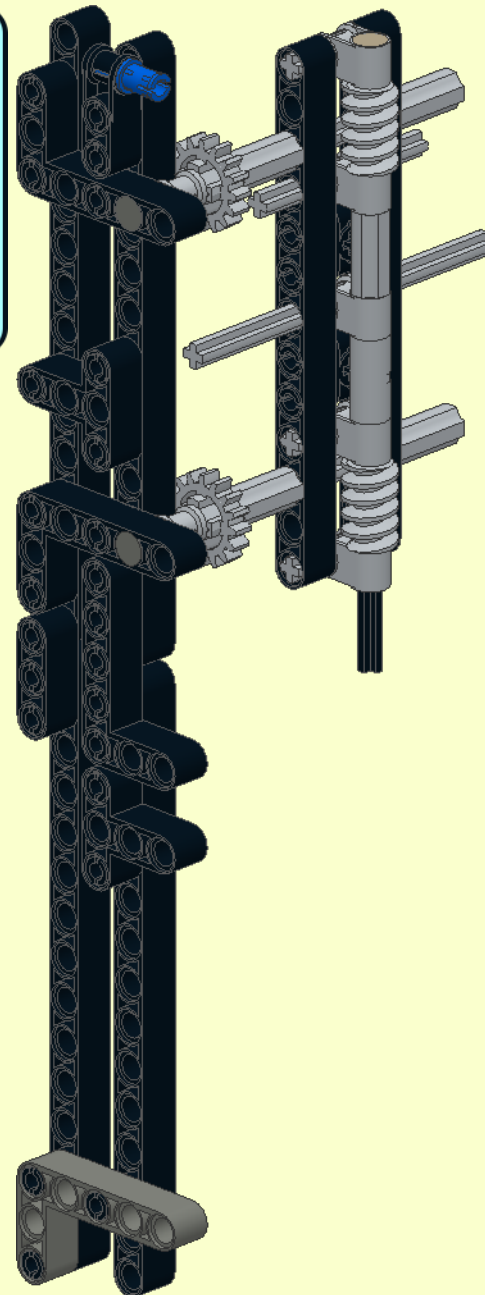
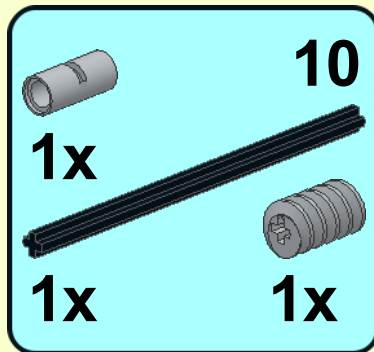
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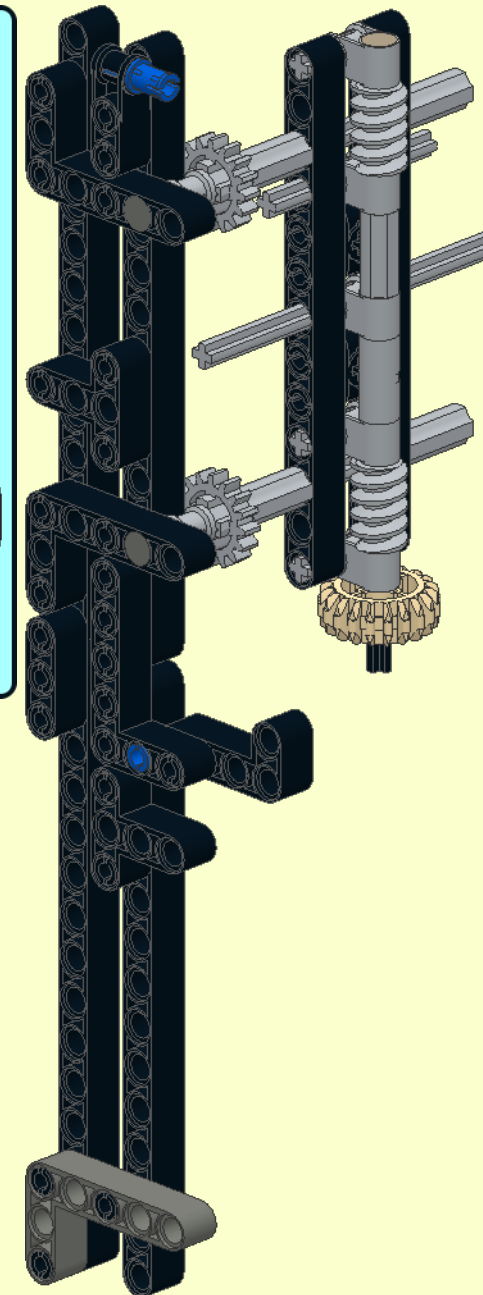
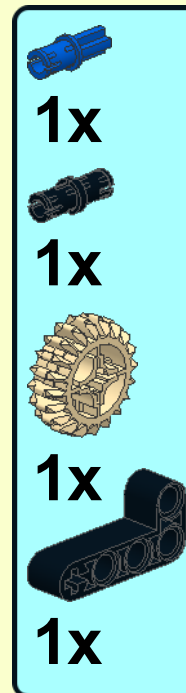
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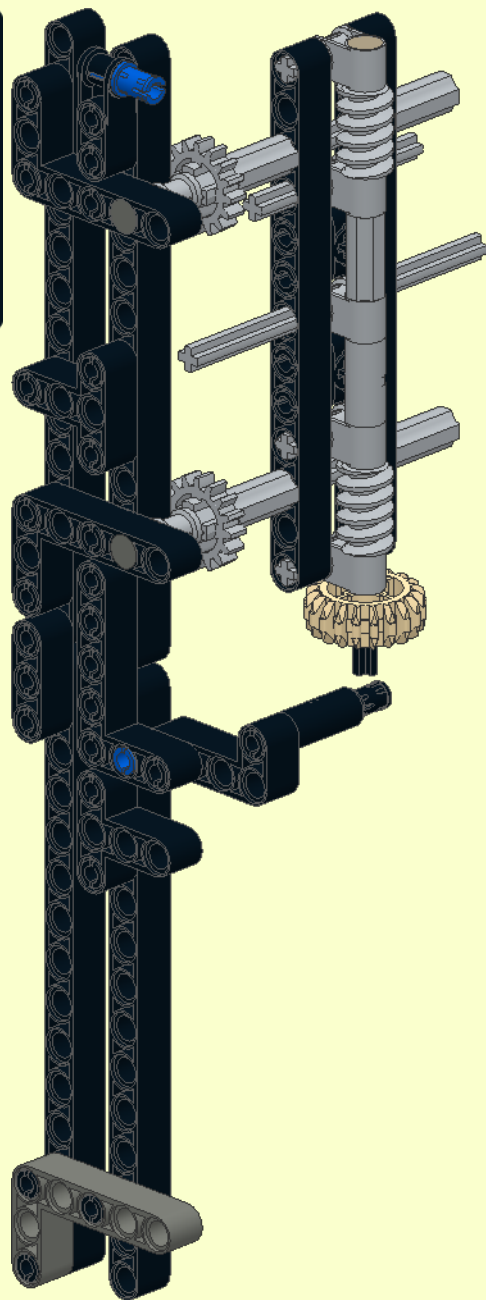
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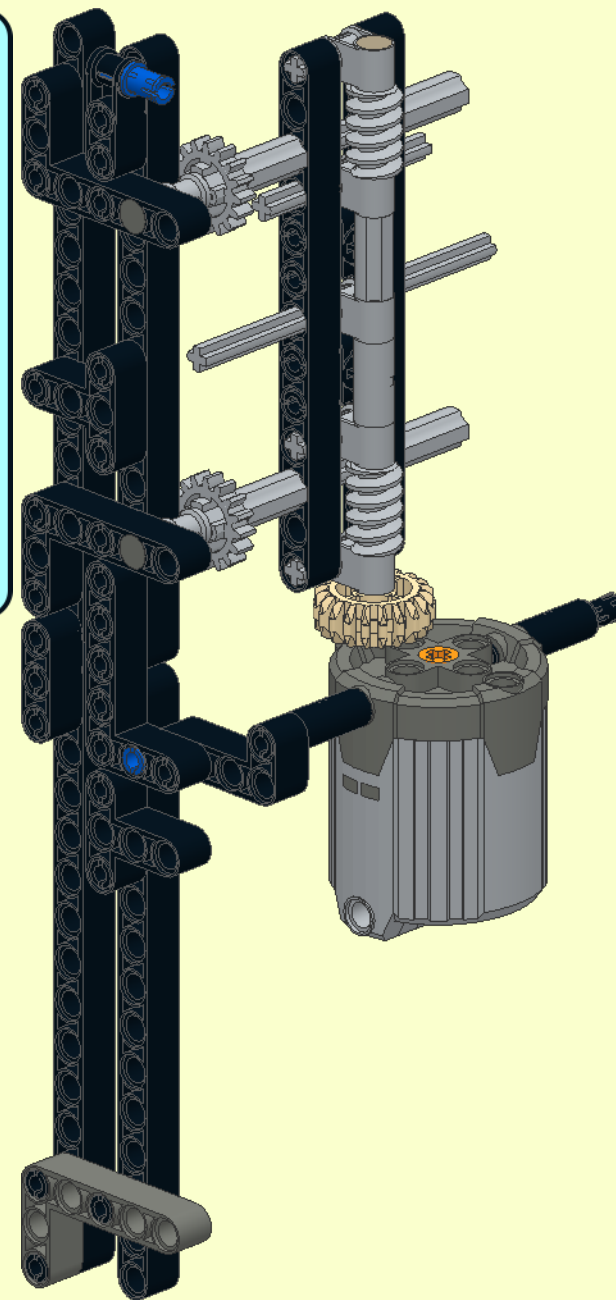
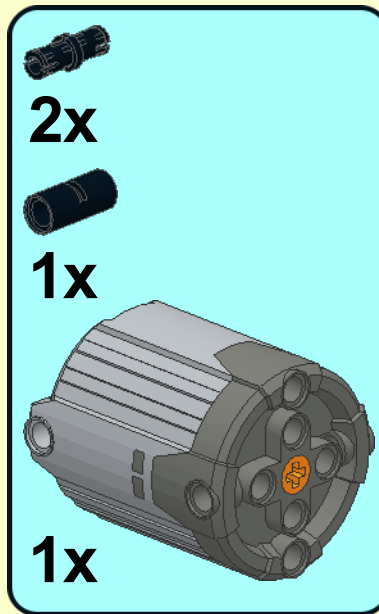
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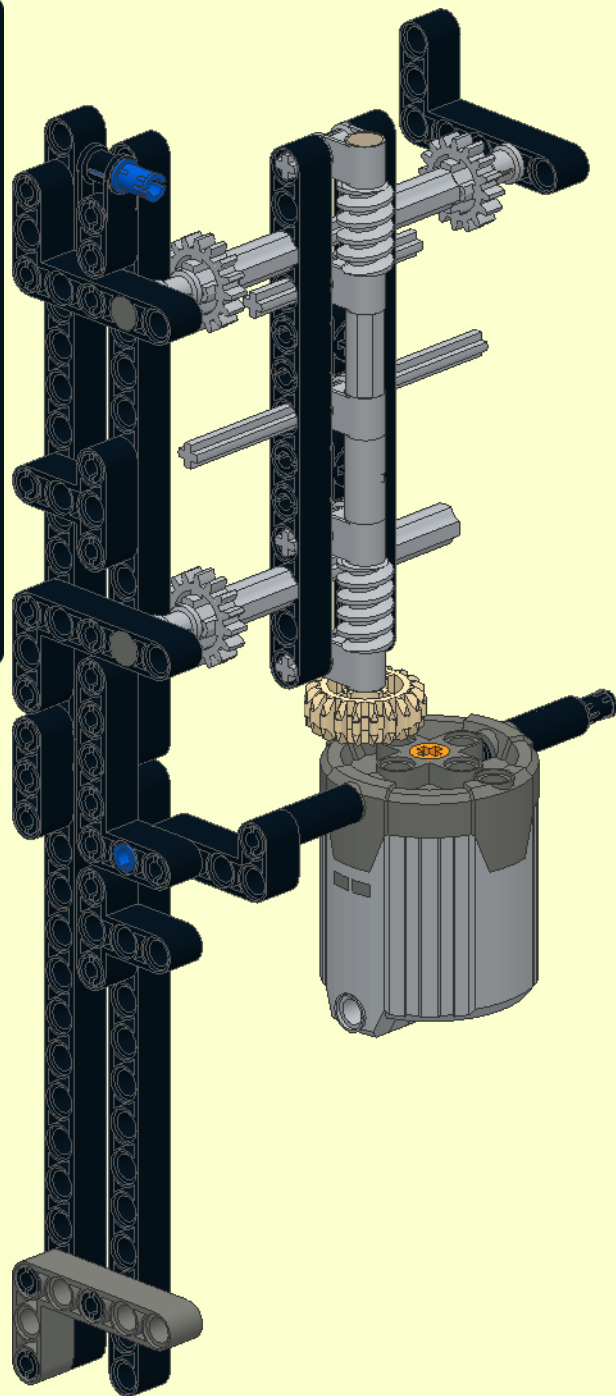
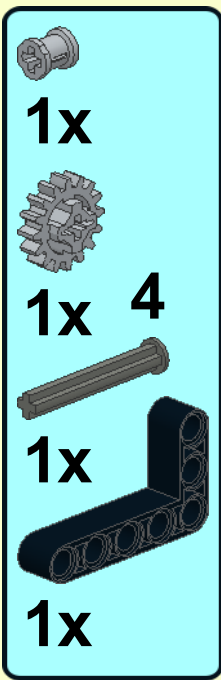
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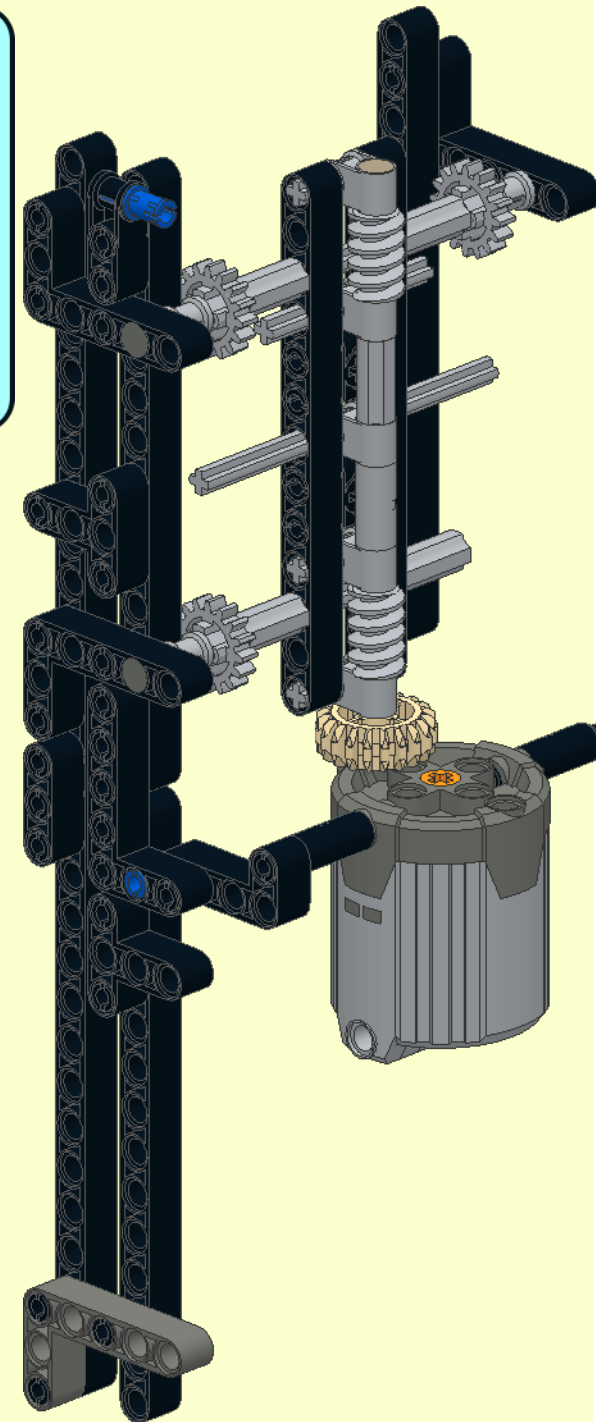
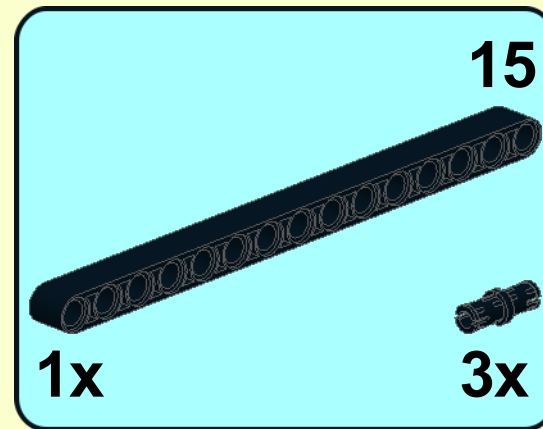
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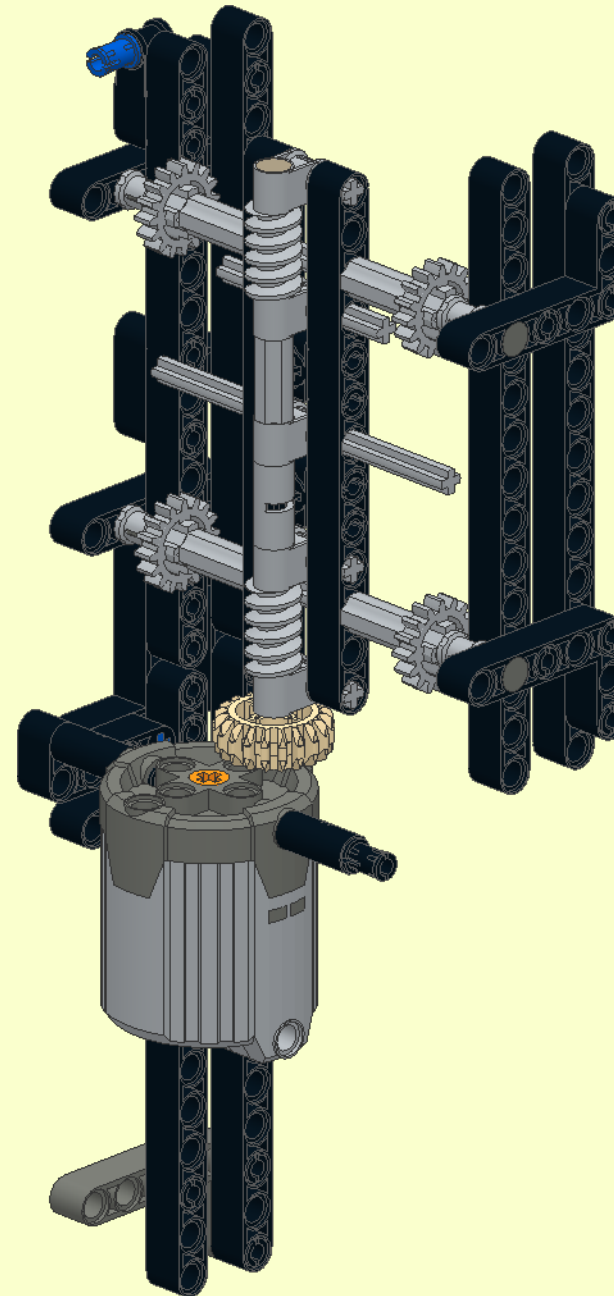
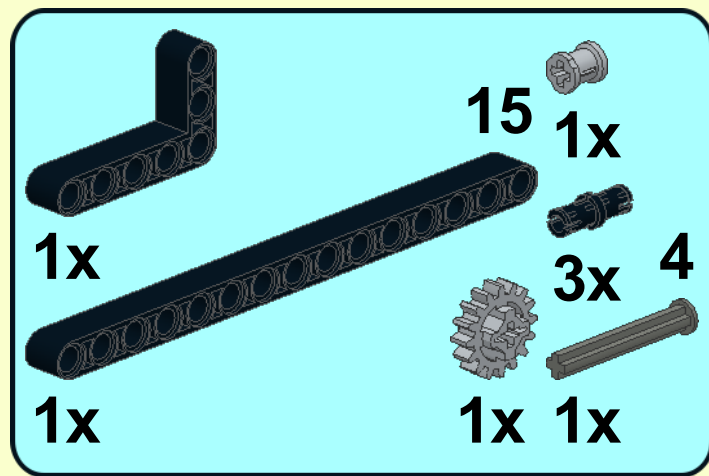
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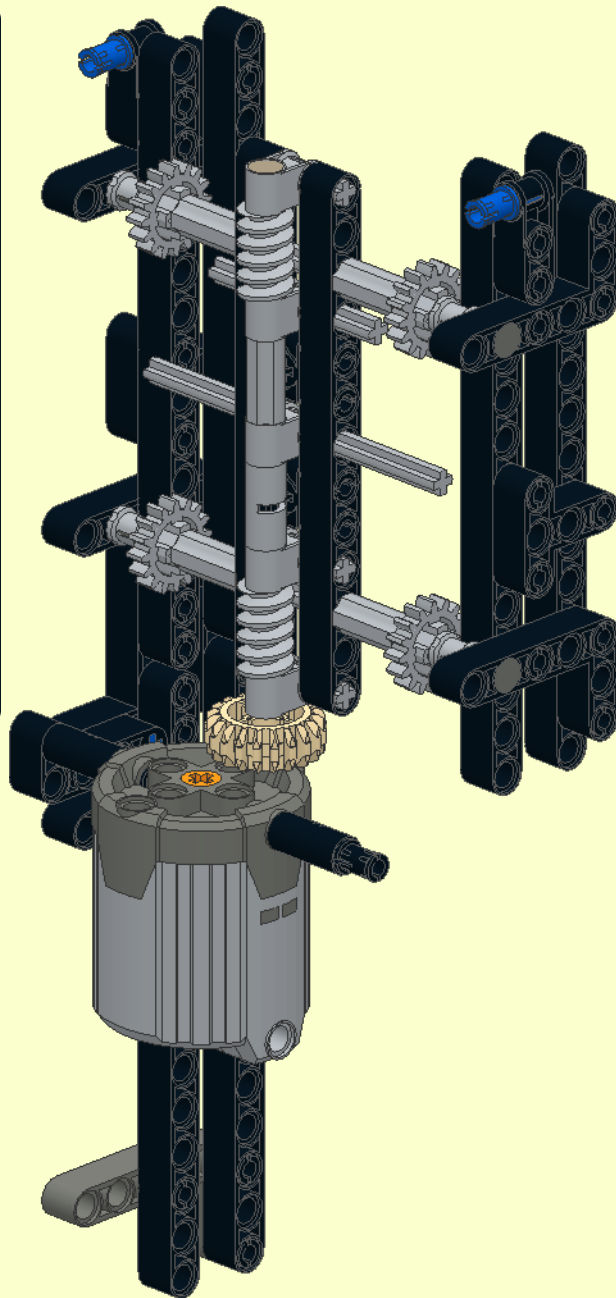


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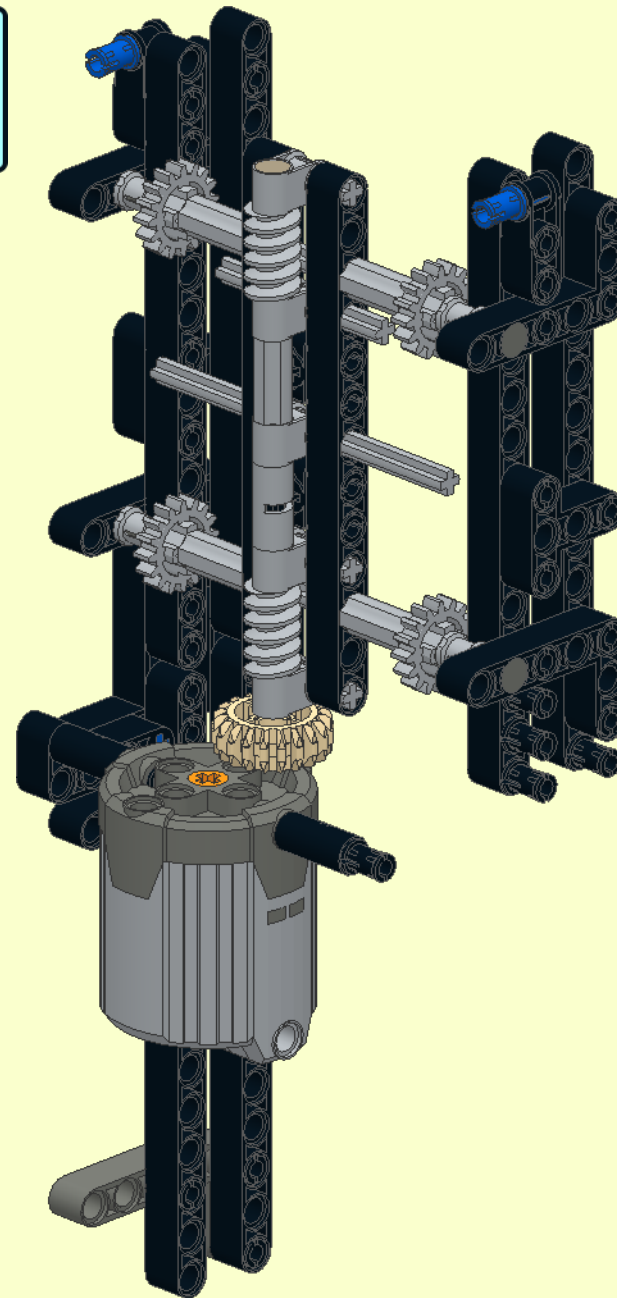
22

- 1x 
- 5x 
- 1x 
- 1x 

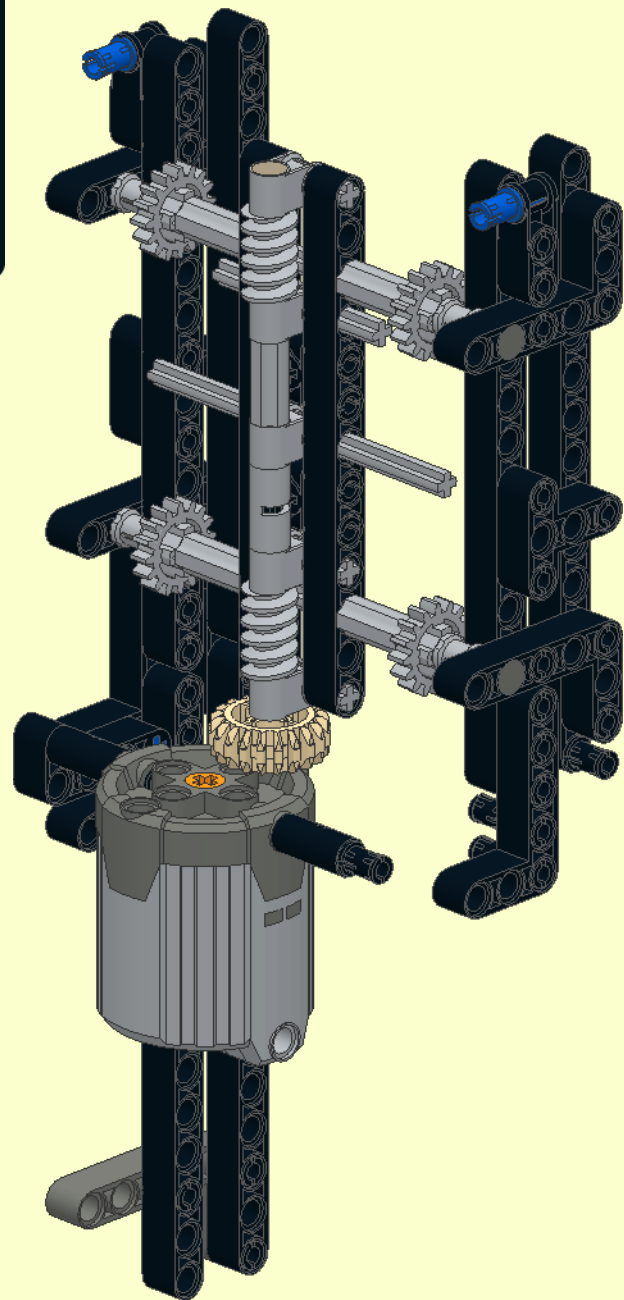
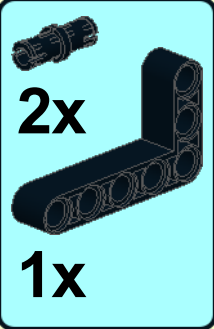


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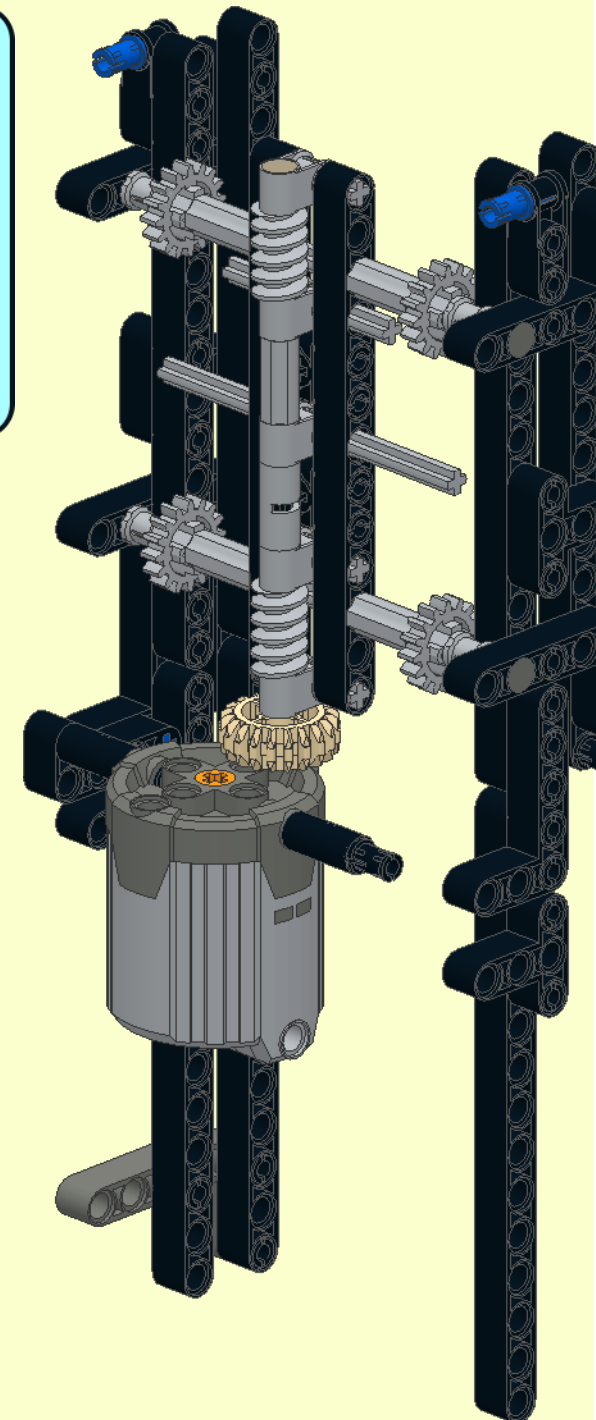
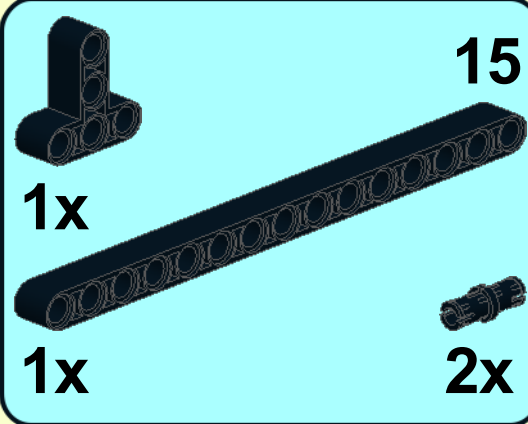
- 4x 



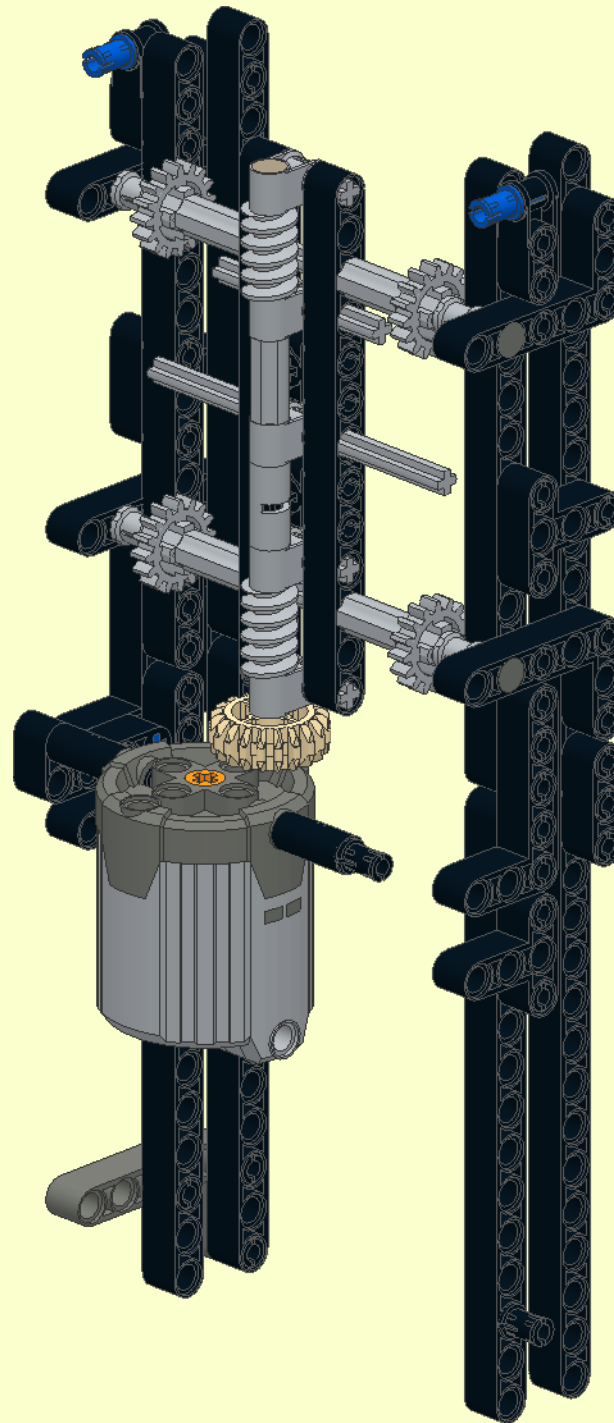
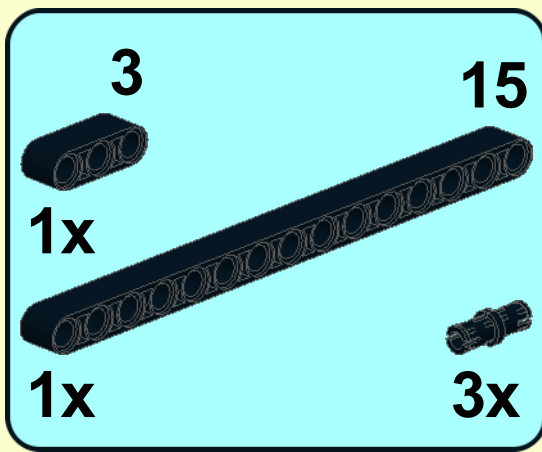
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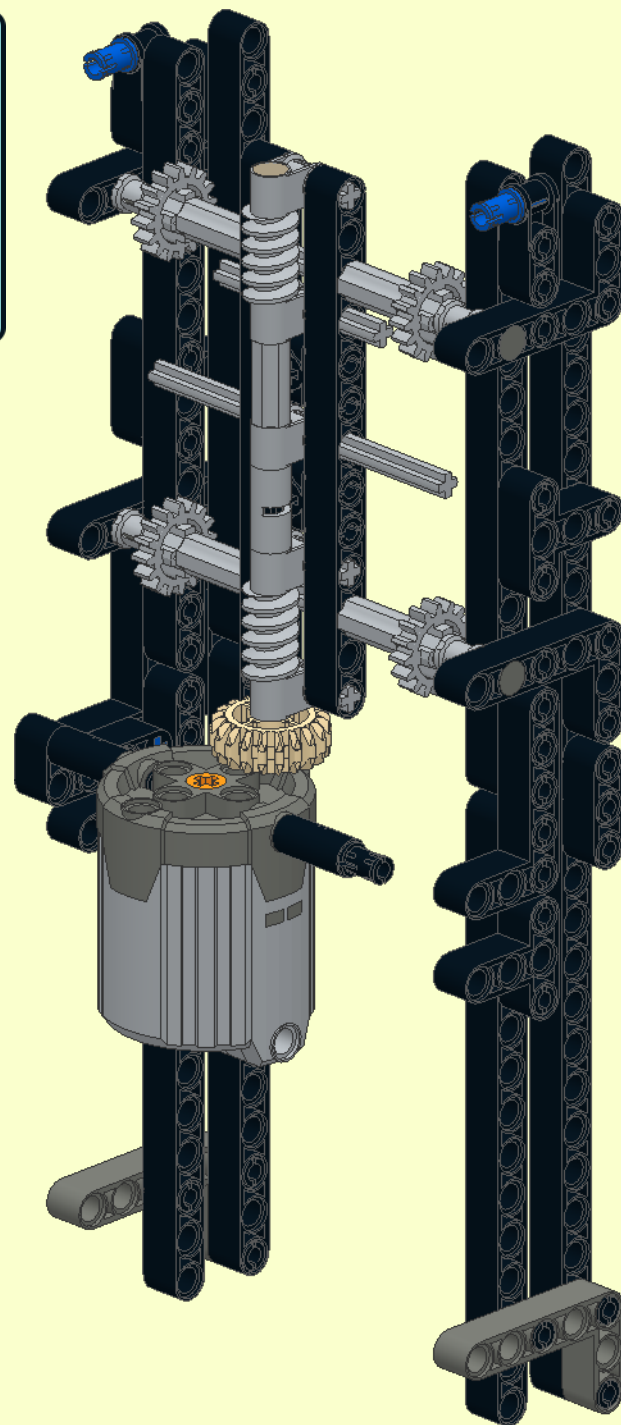
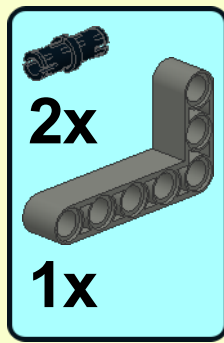
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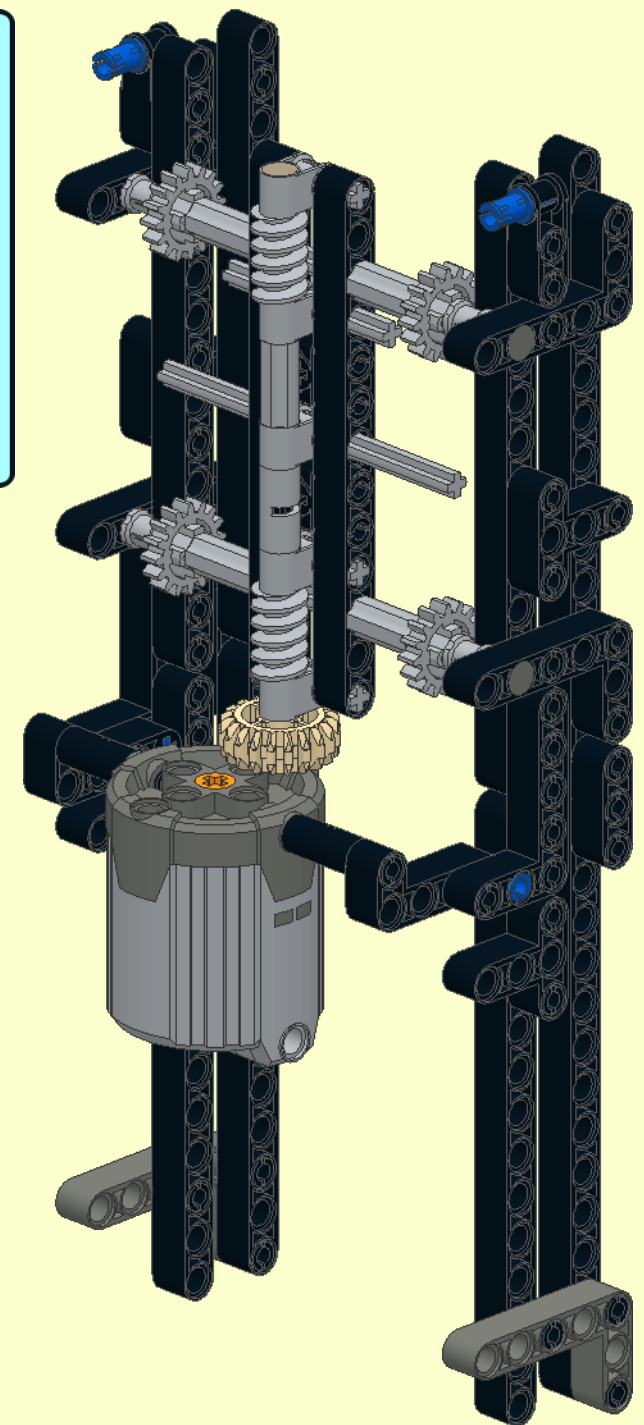
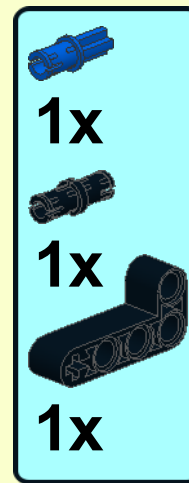
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27

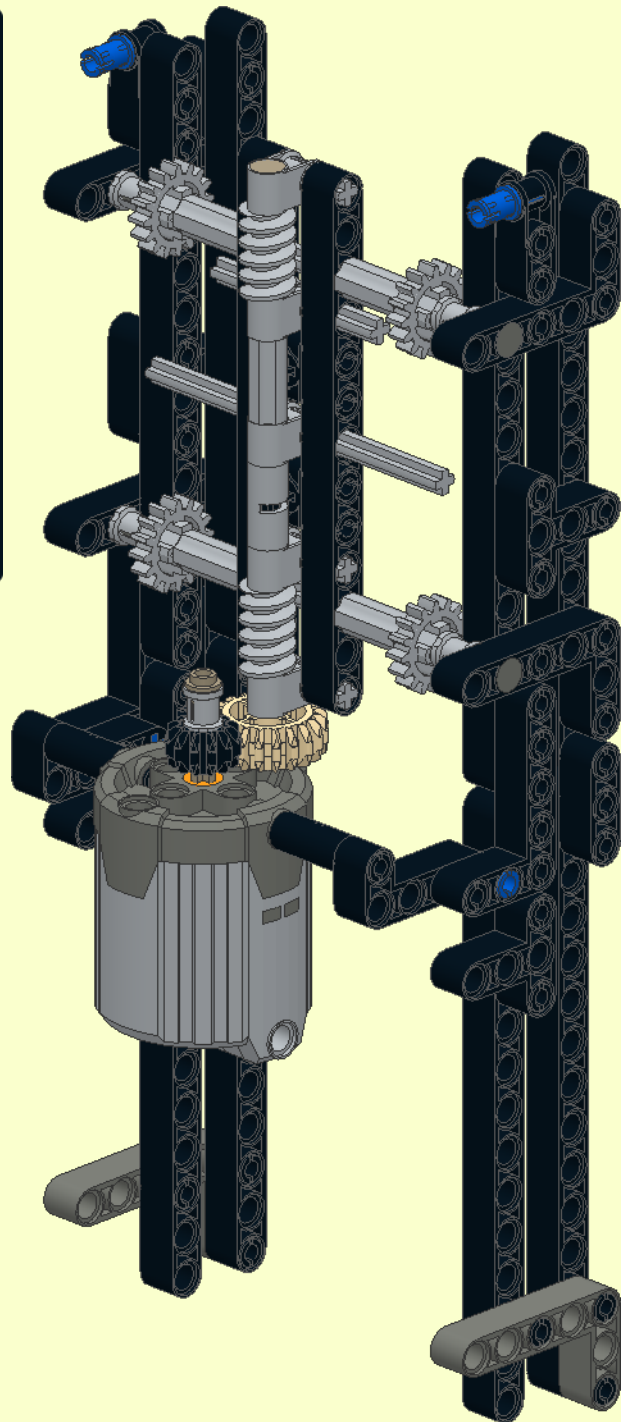


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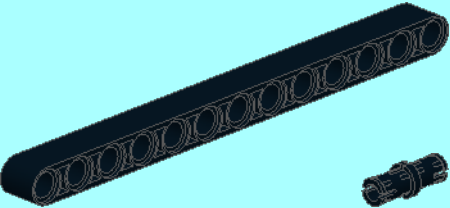


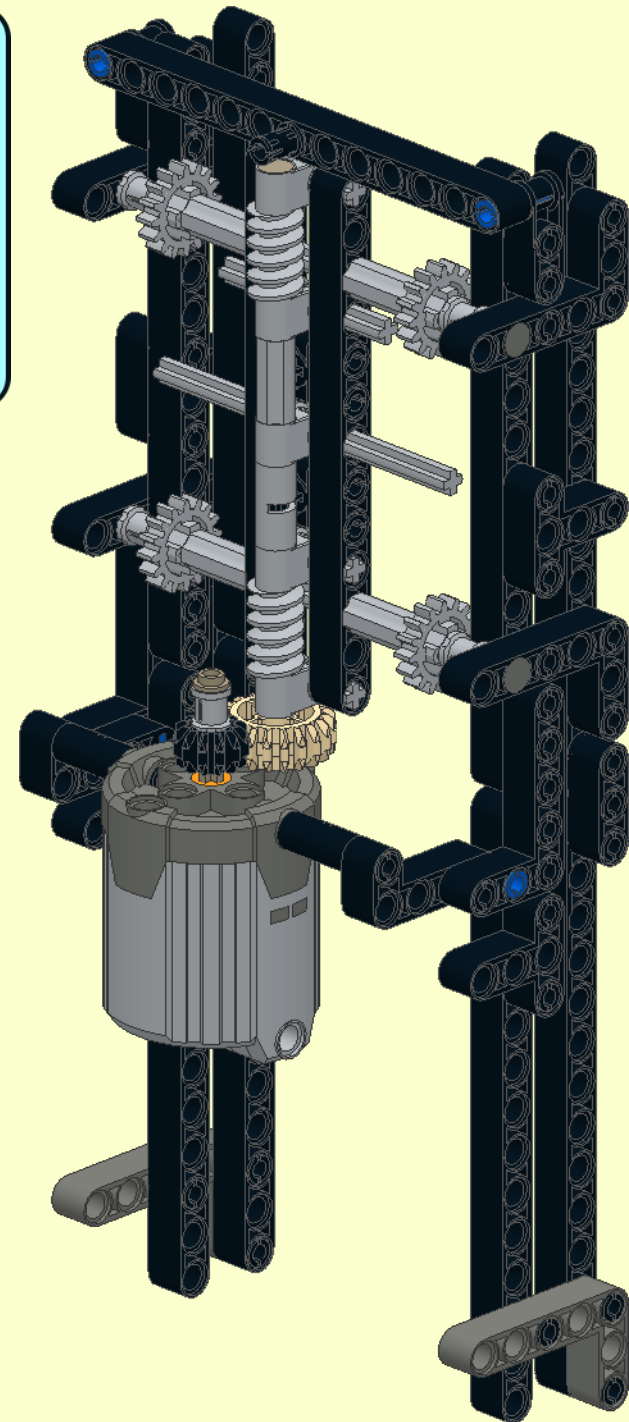
29

- 1x 
- 1x 
- 3 
- 1x 



30

- 1x 
- 1x 
- 13 



31



2x

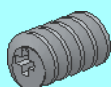
2



2x



2x



2x



1x

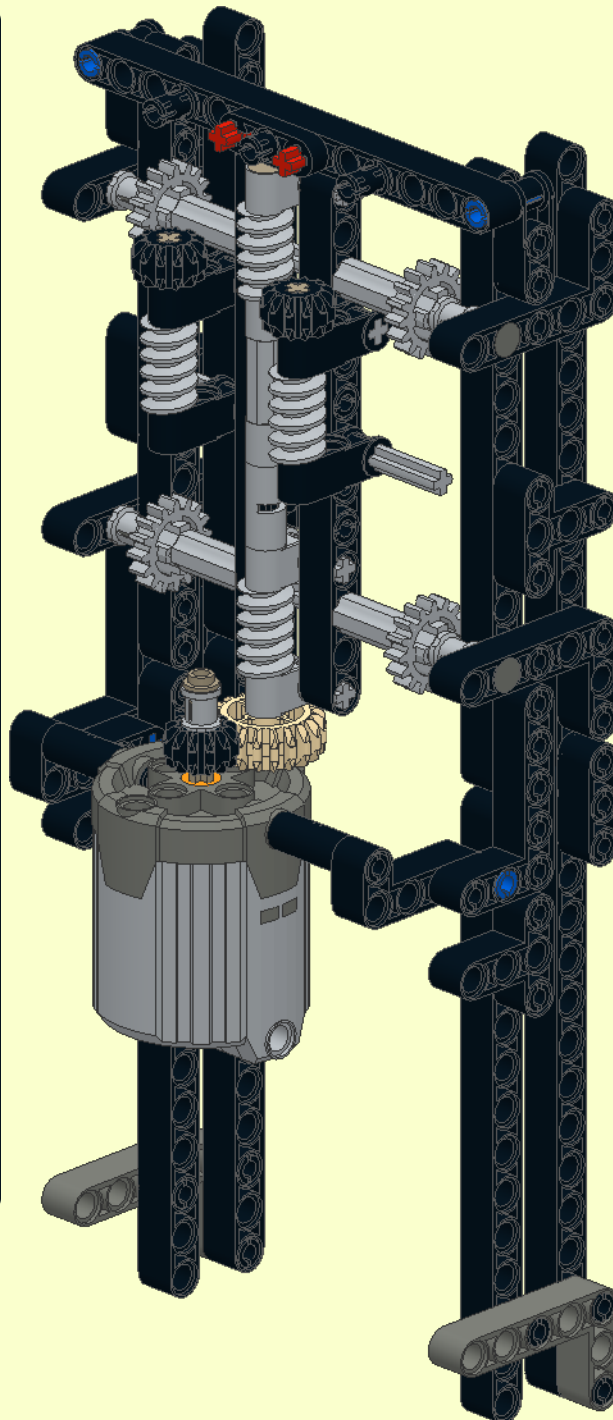


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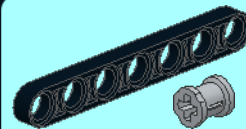


2x

5



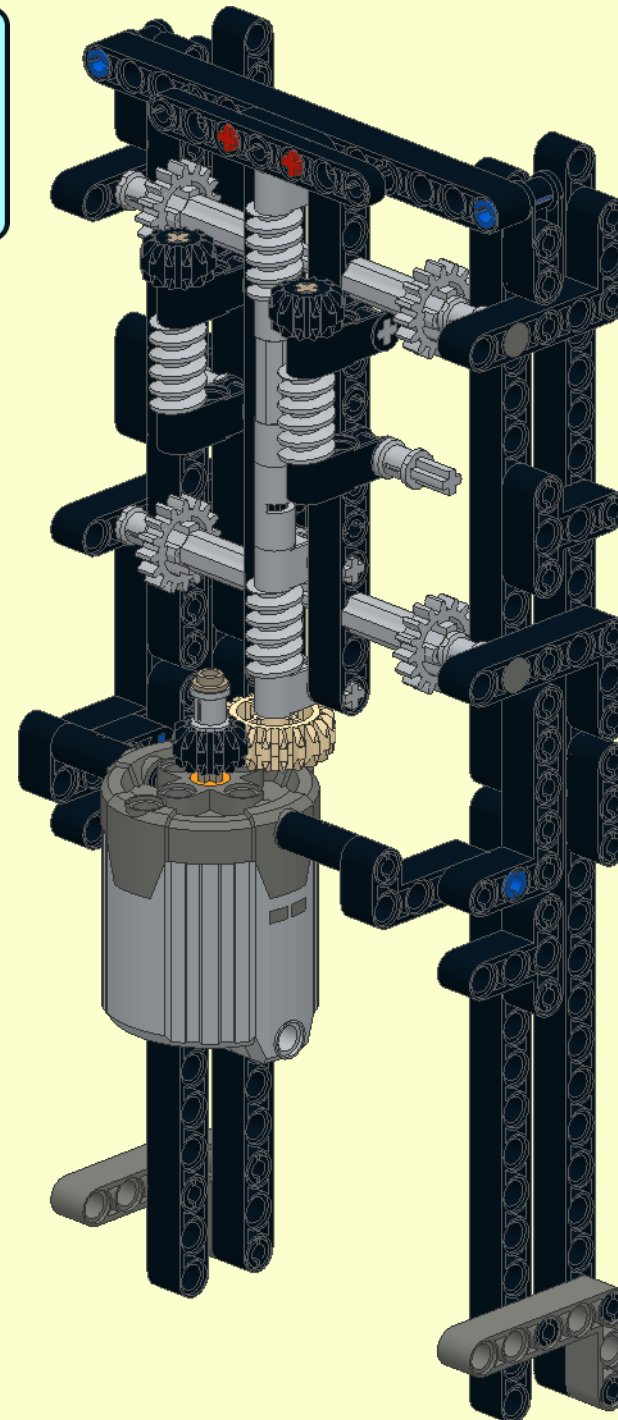
32



1x



2x



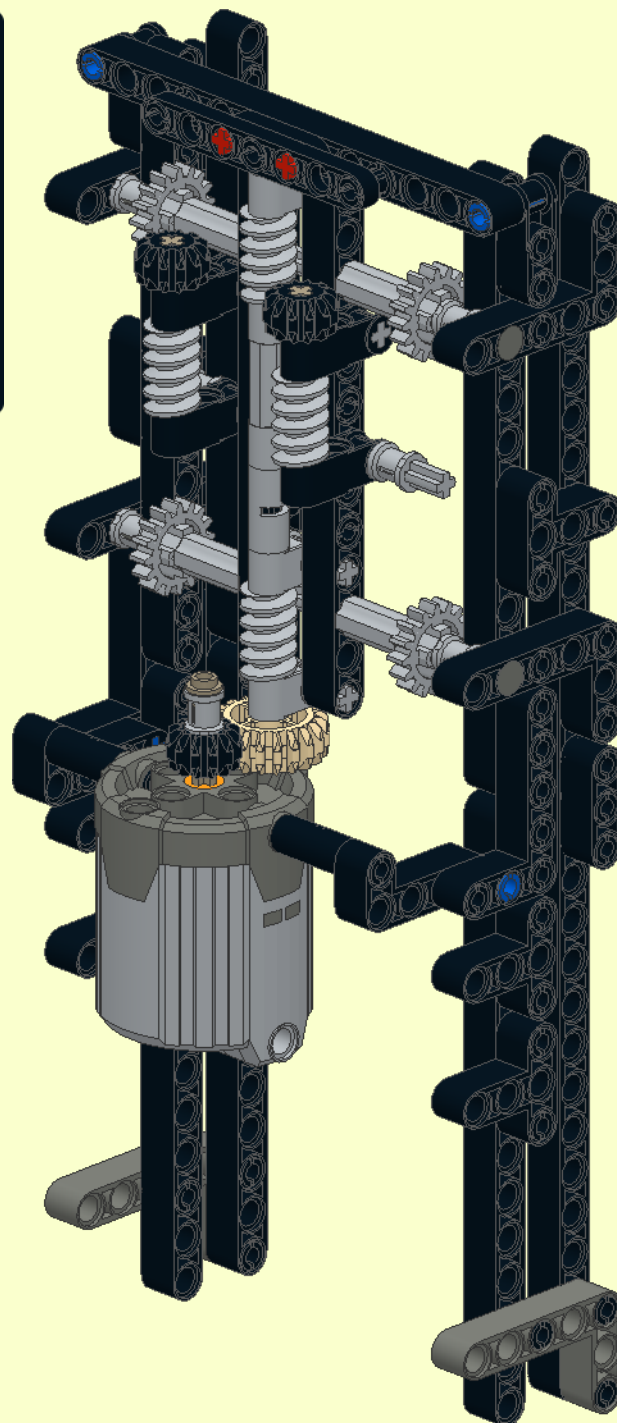
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4x



2x



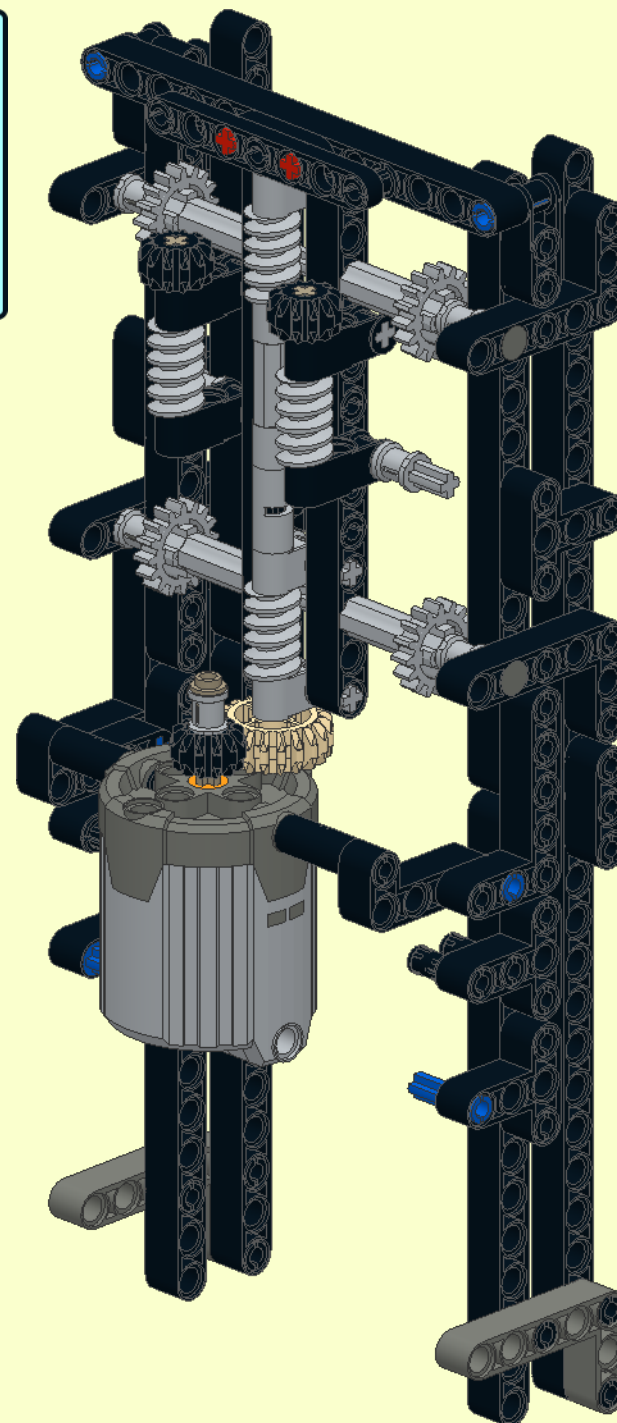
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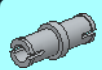
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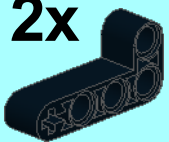
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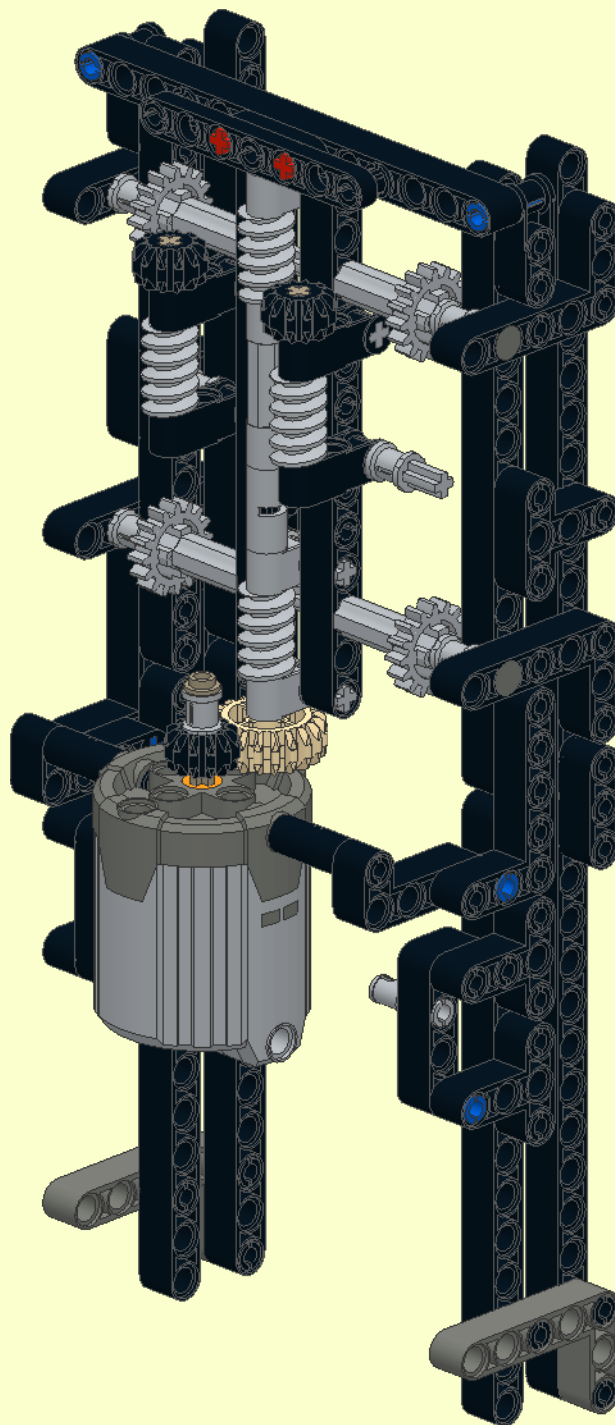
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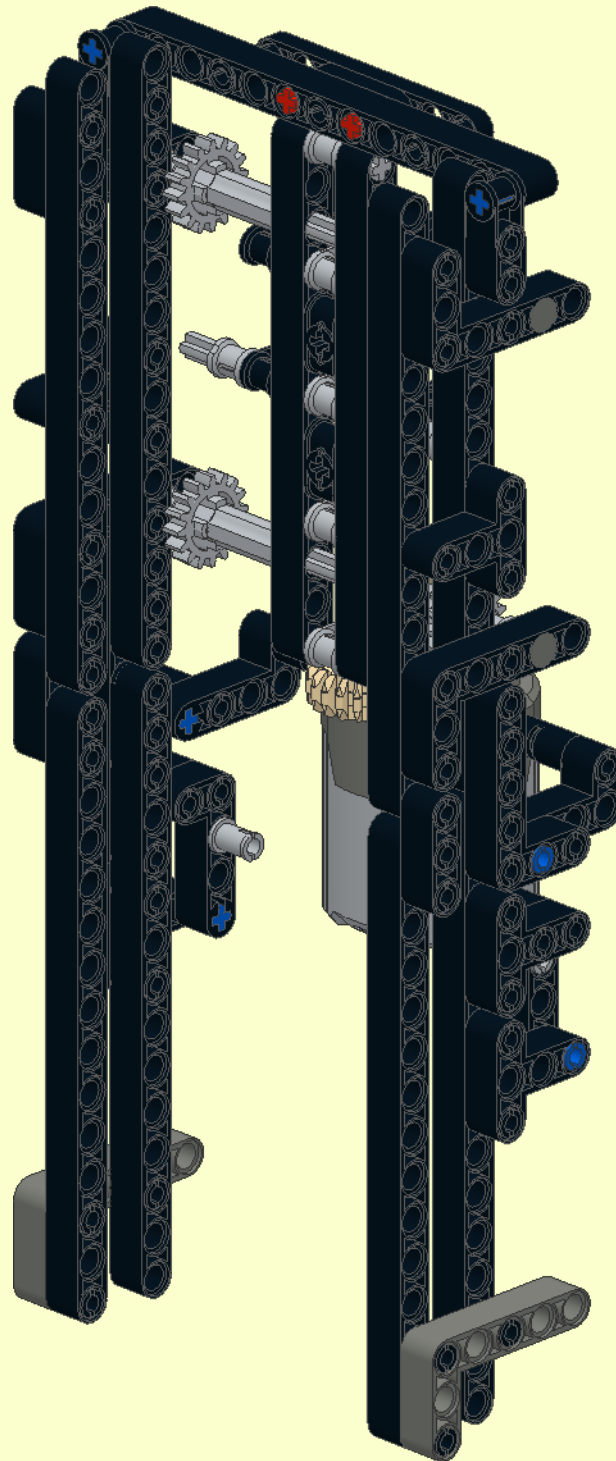
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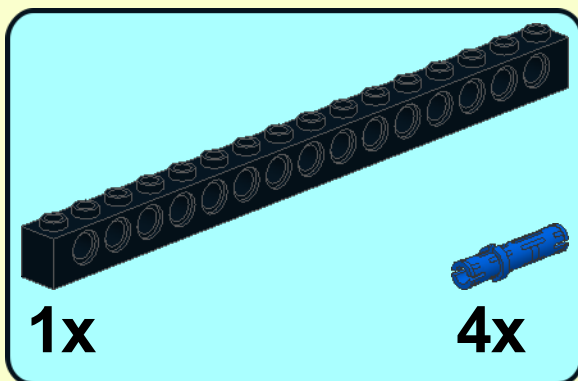
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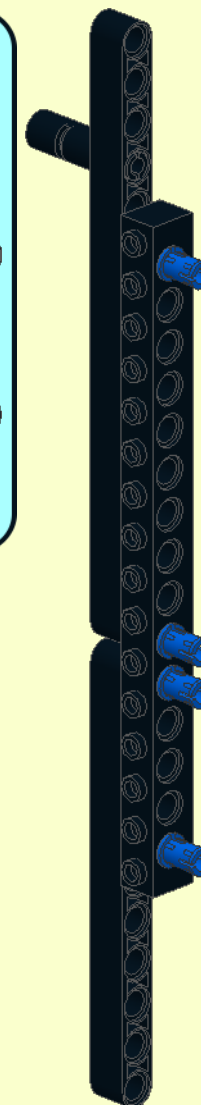
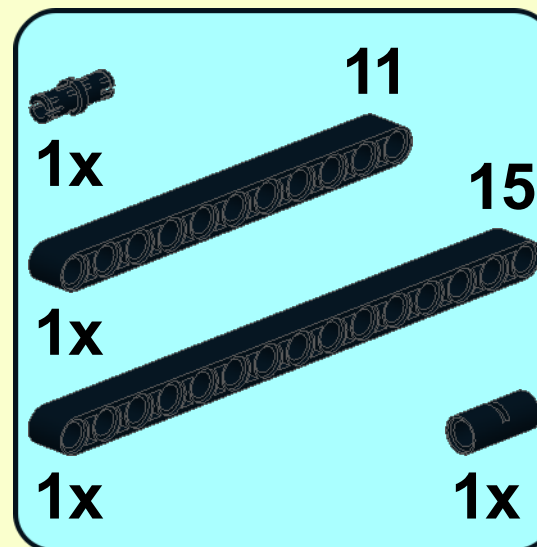
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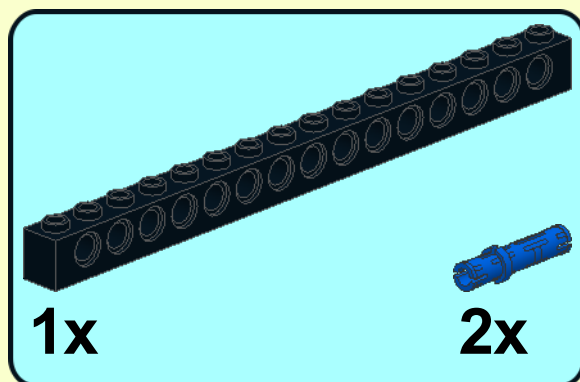
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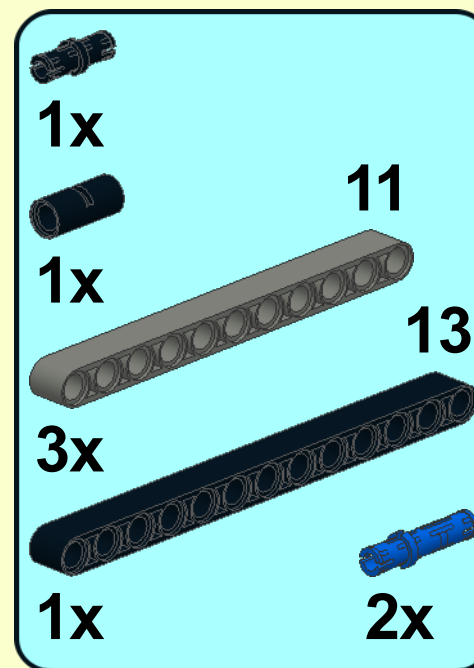
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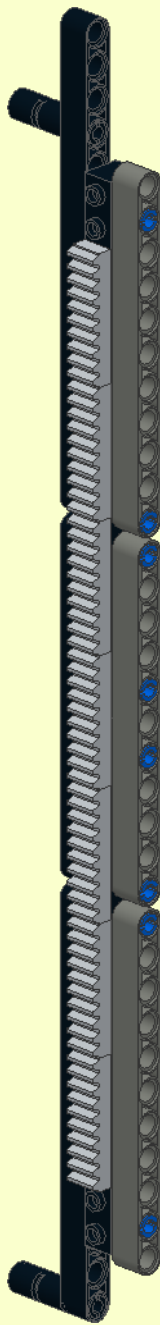
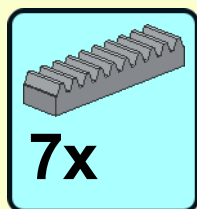
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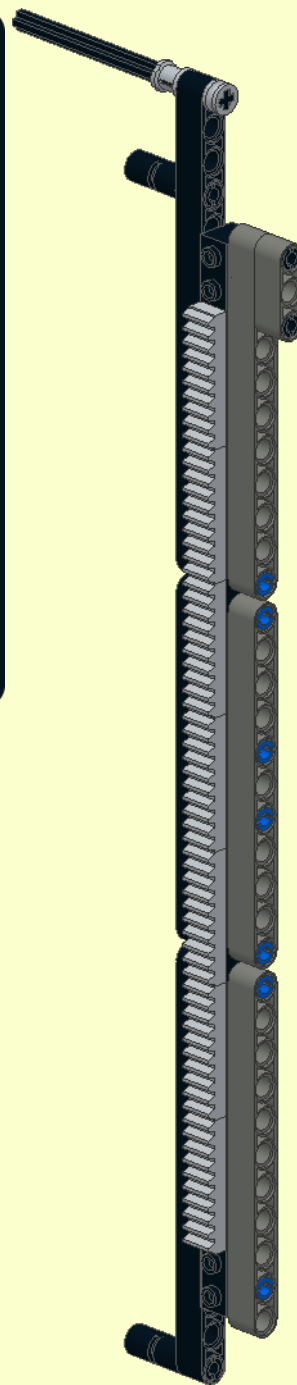
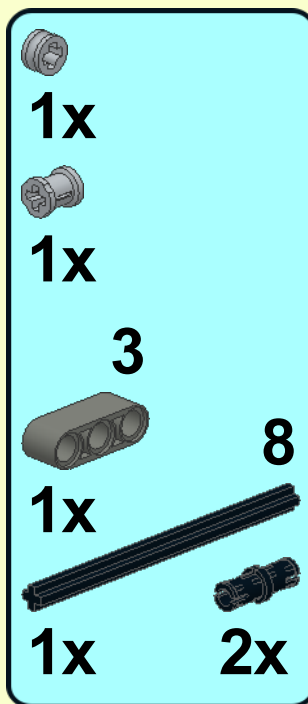
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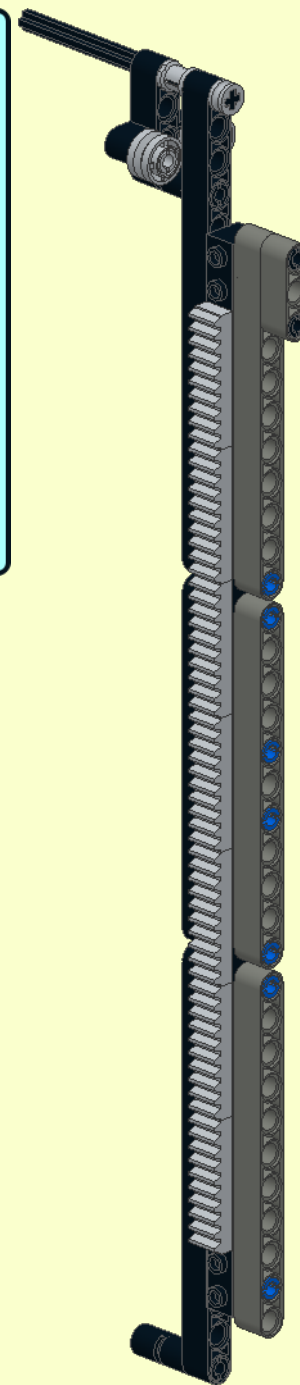
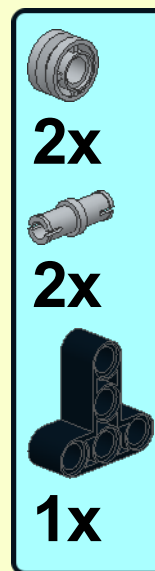
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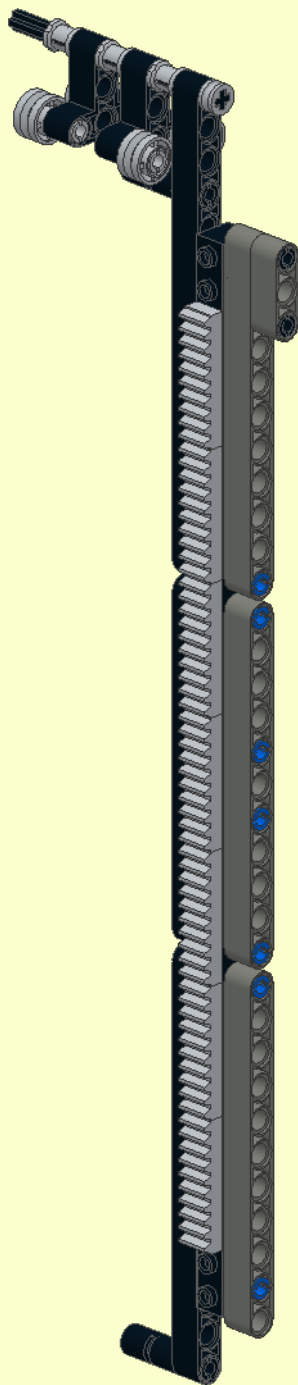
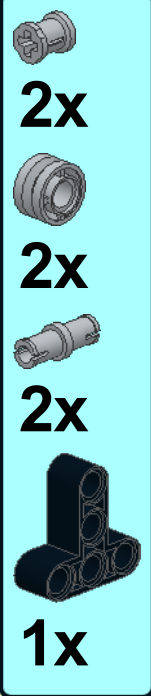
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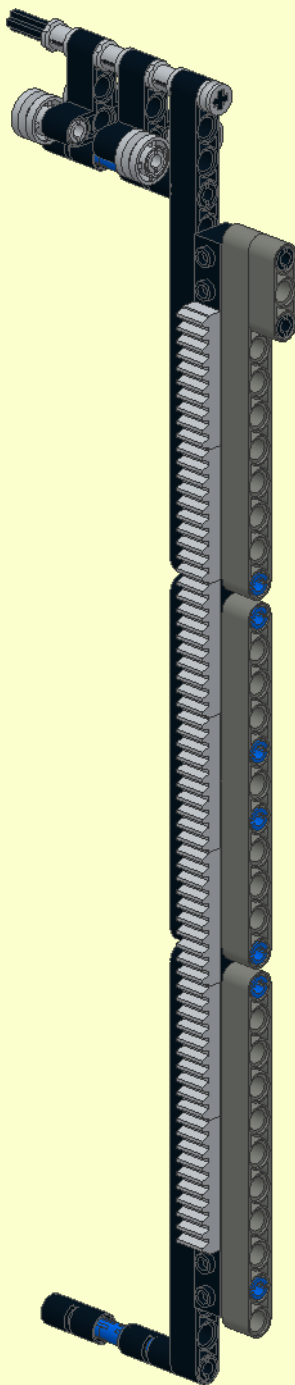
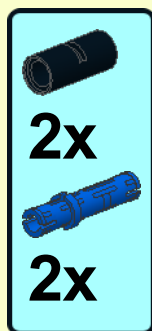
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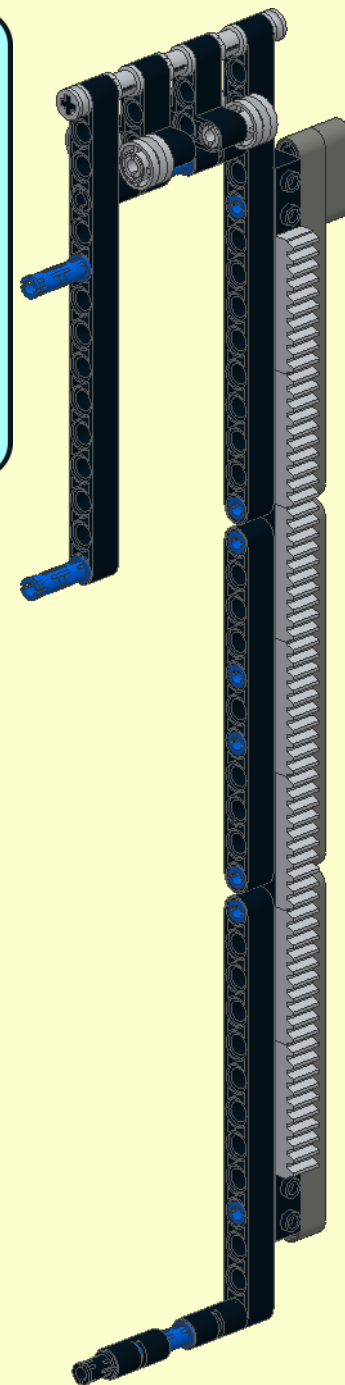
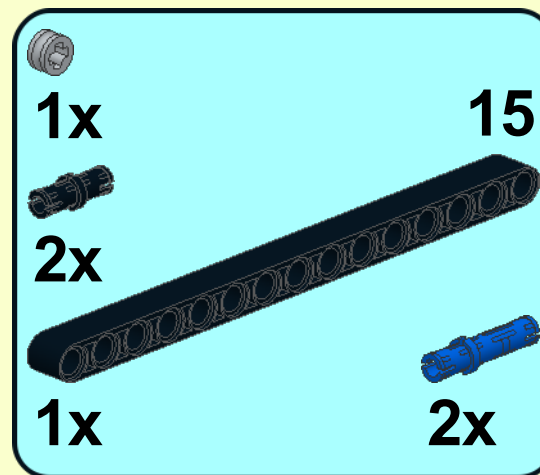
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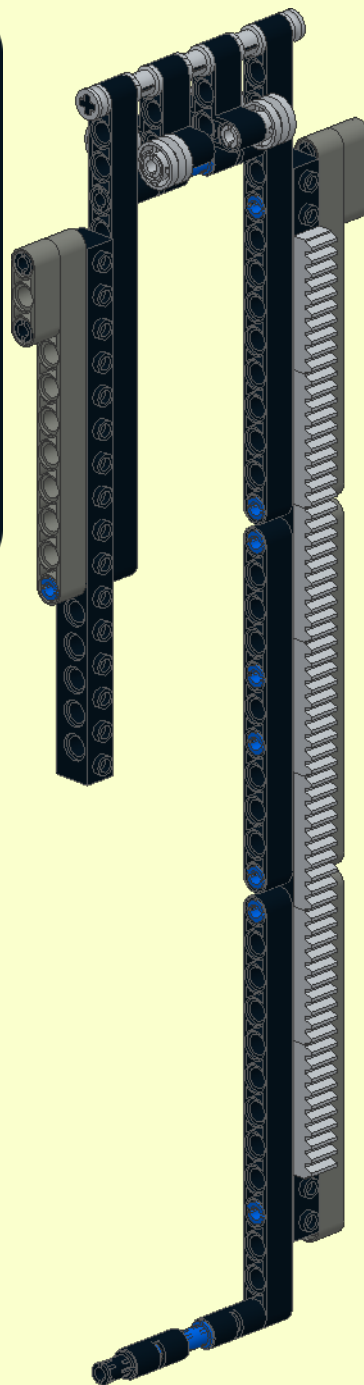
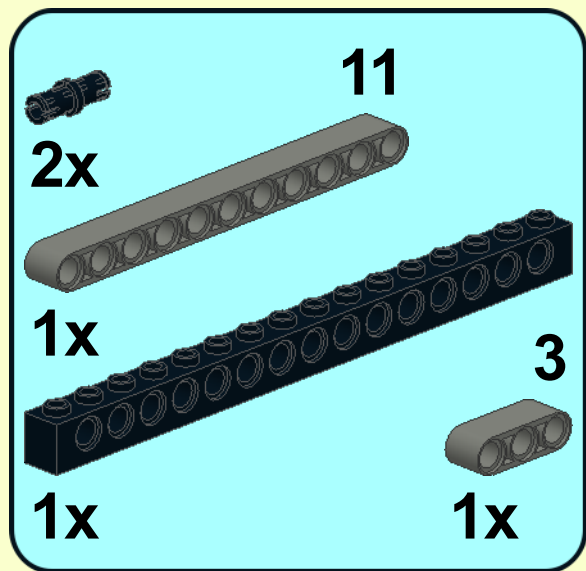
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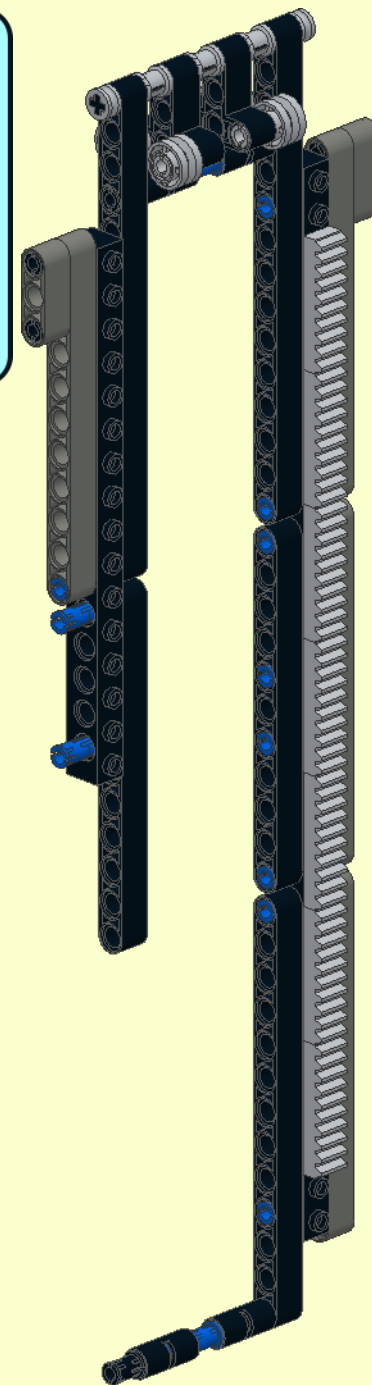
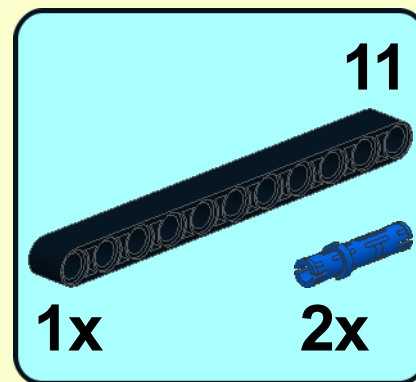
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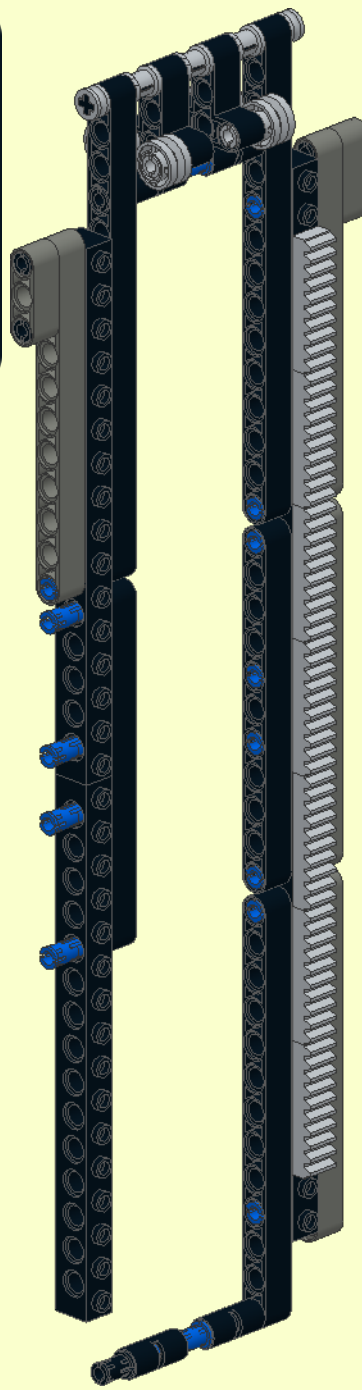
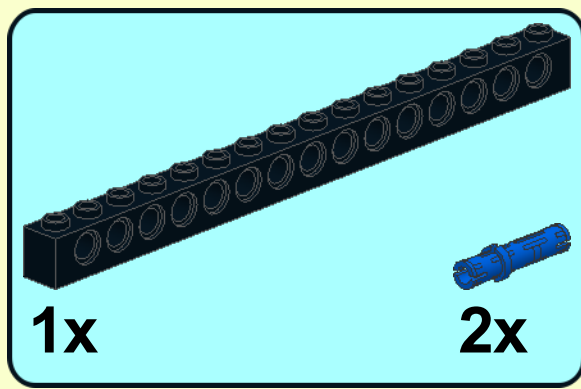
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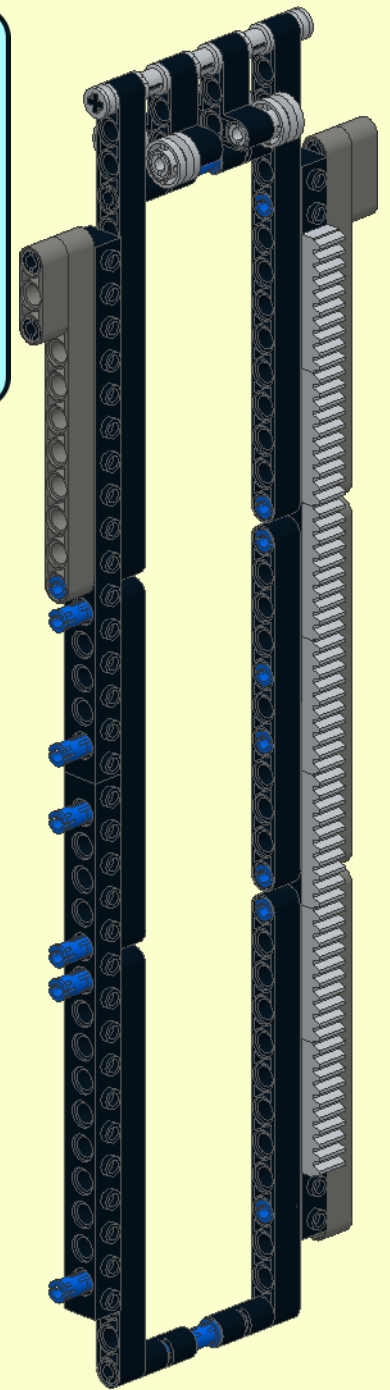
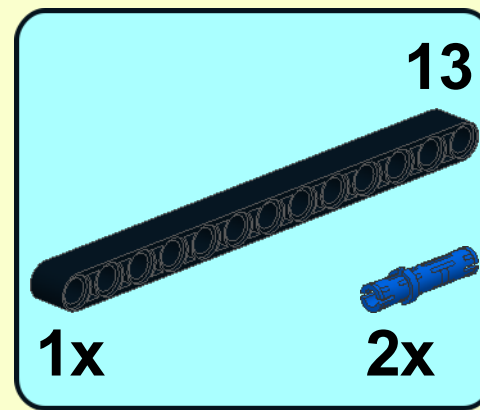
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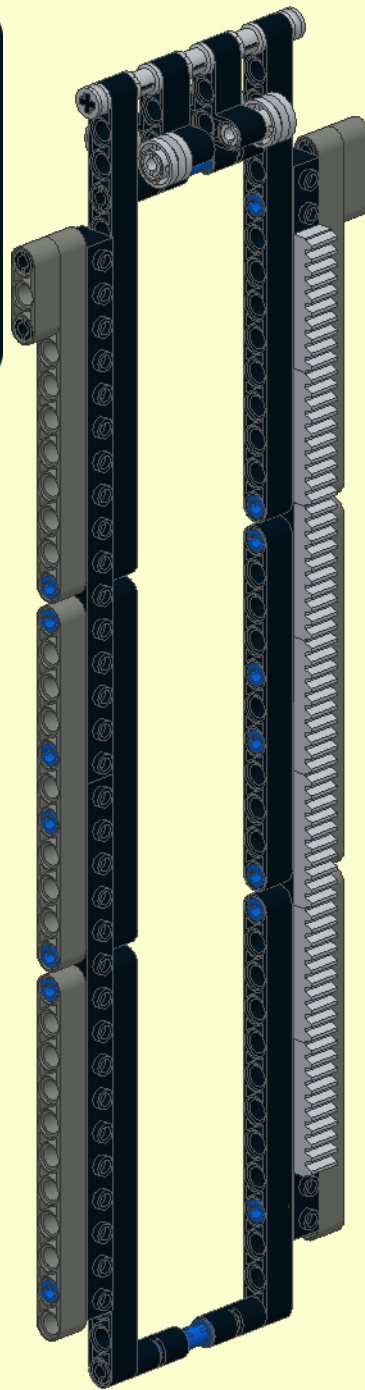
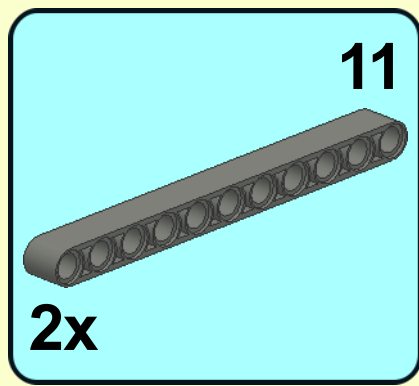
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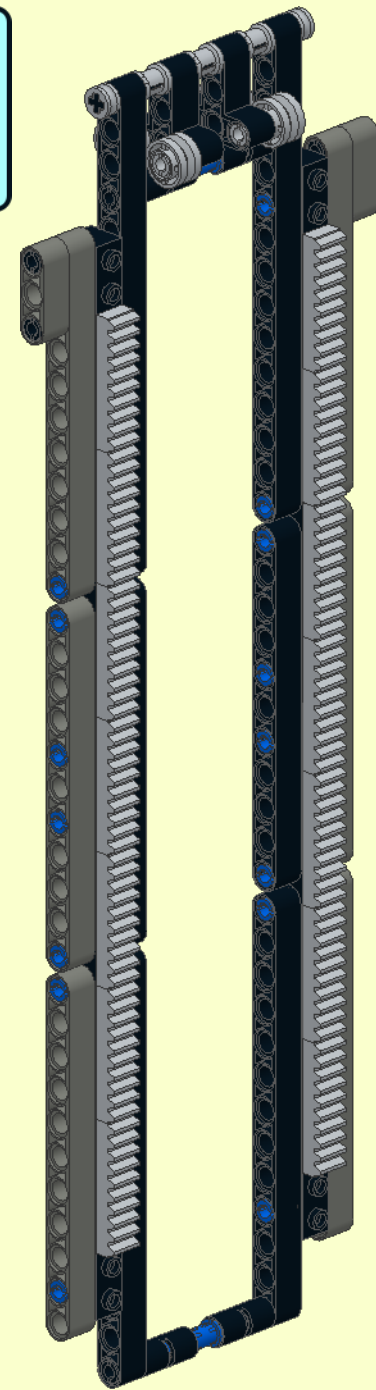
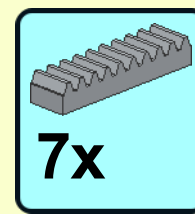
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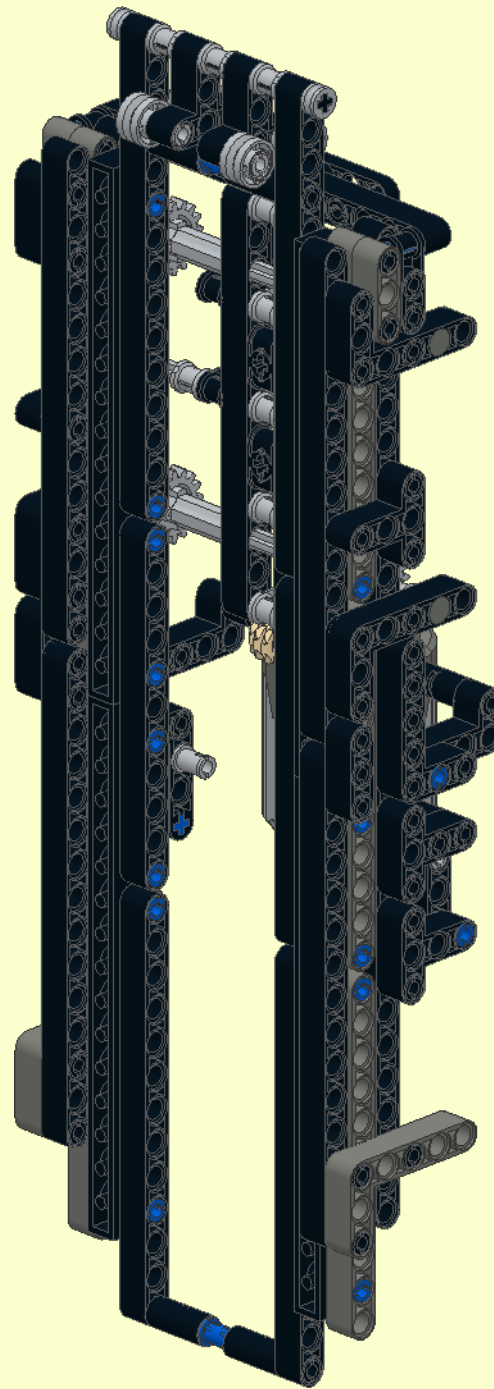


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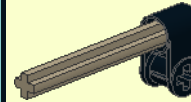
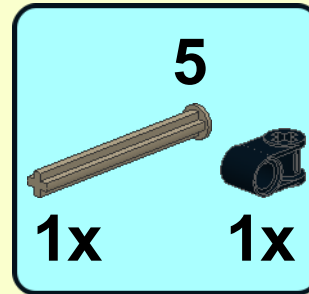


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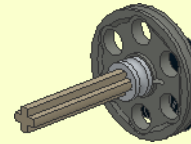
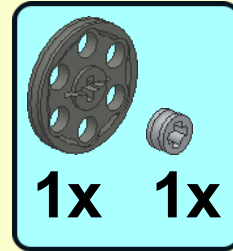




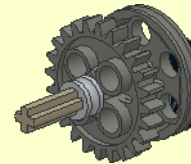
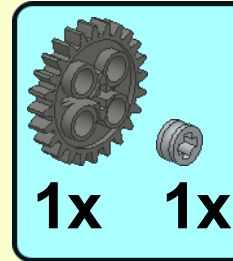
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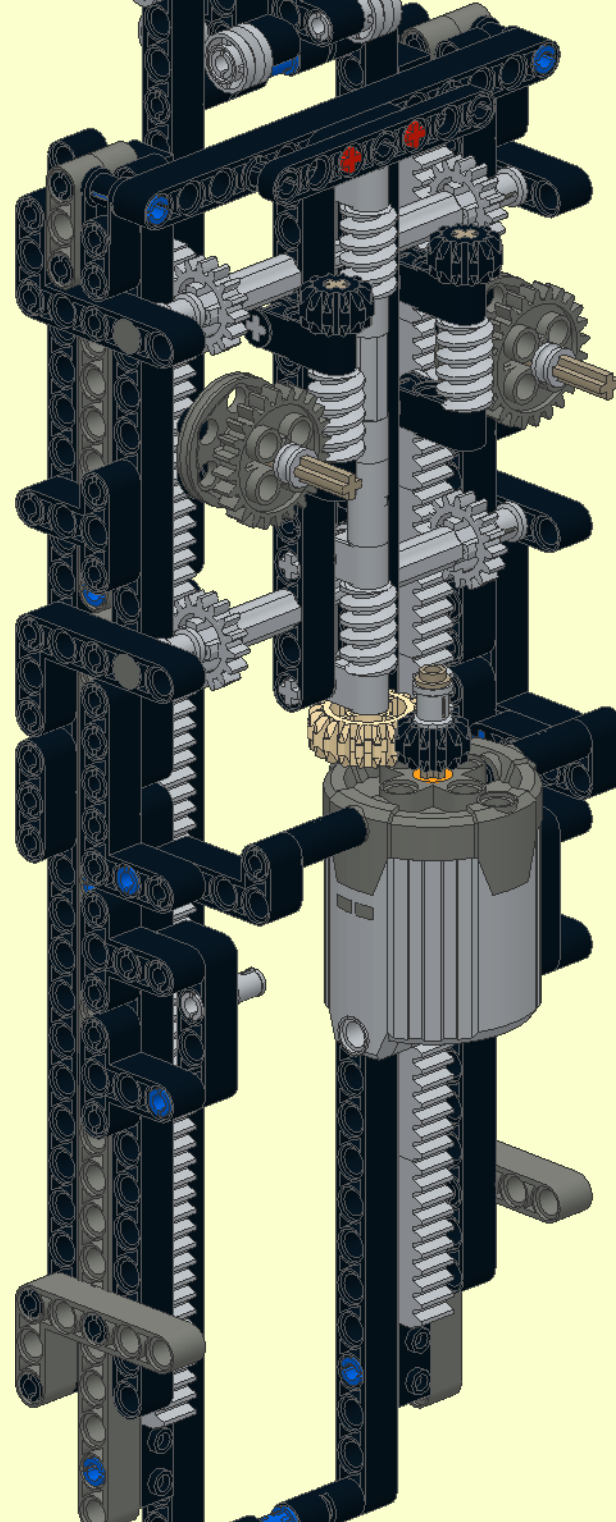
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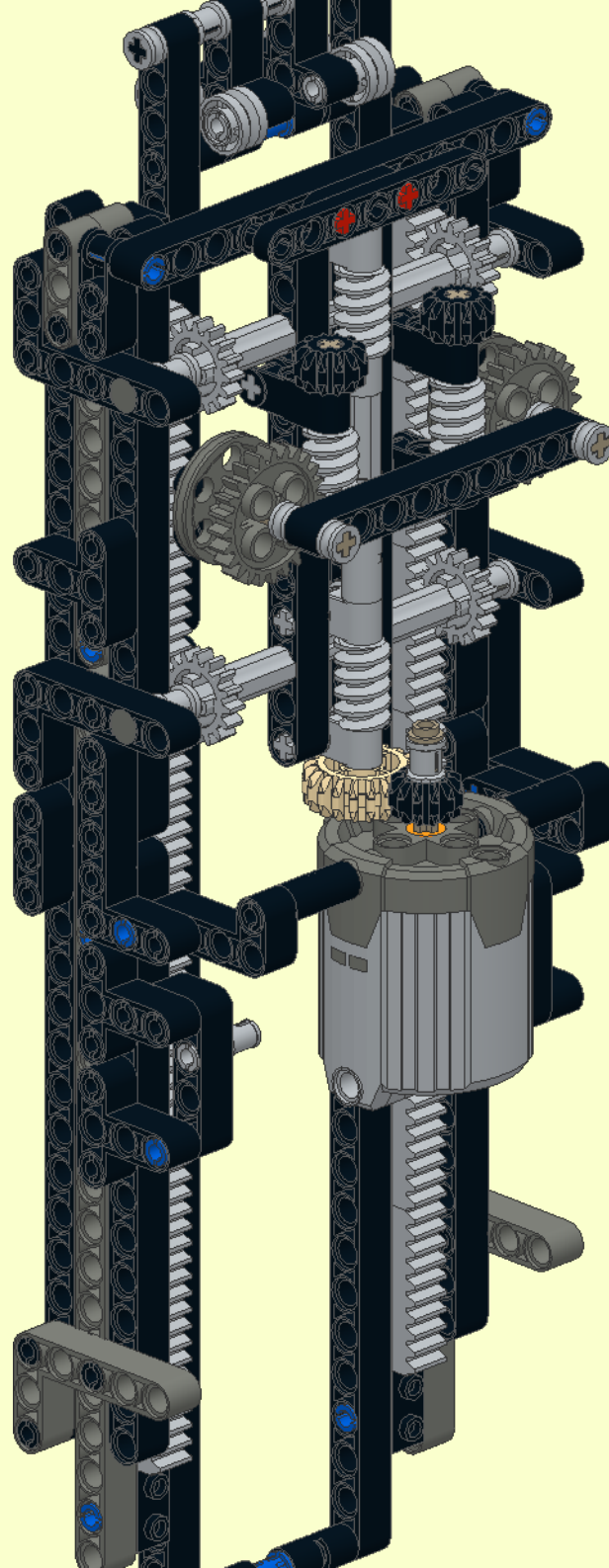
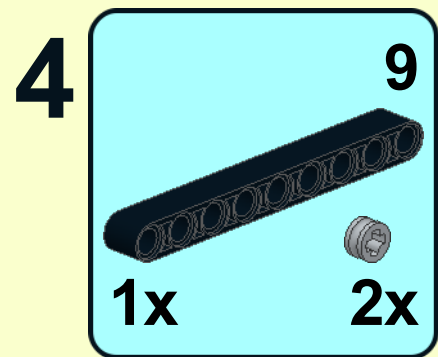


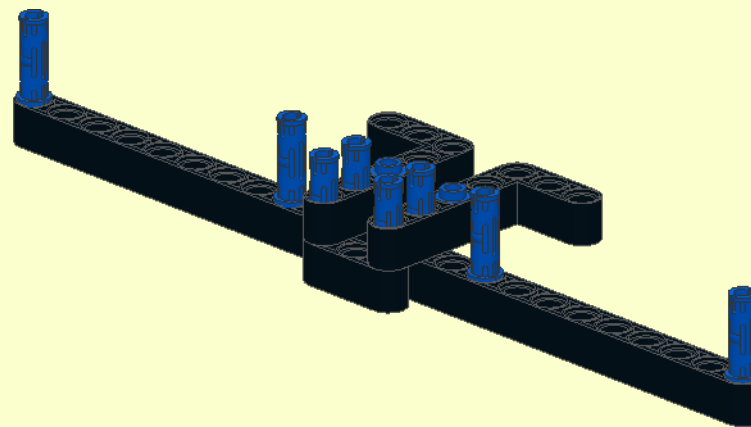
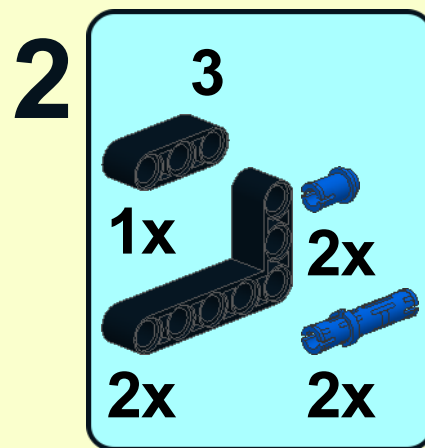
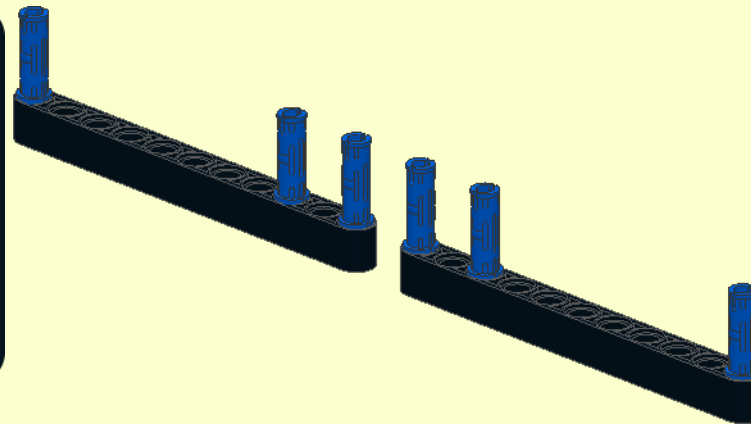
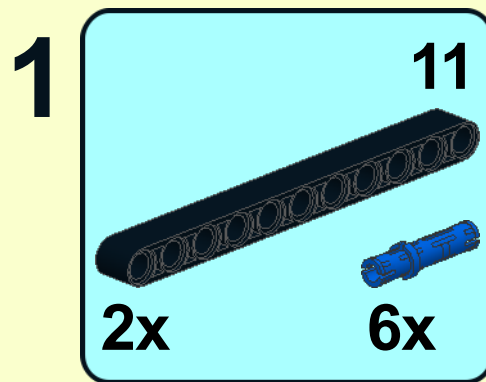
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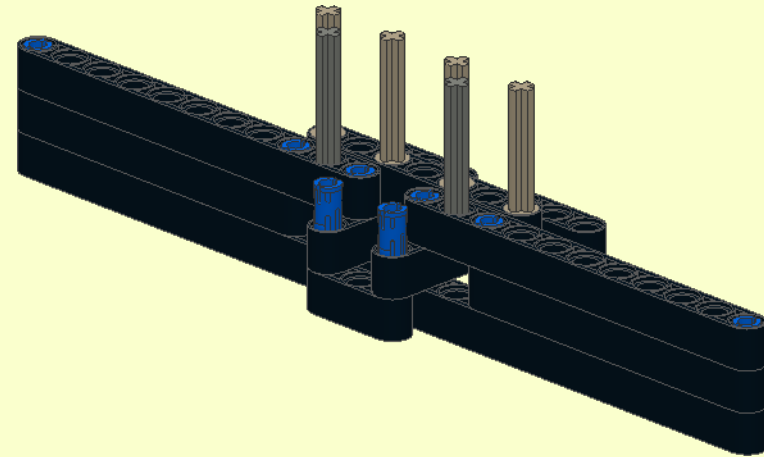
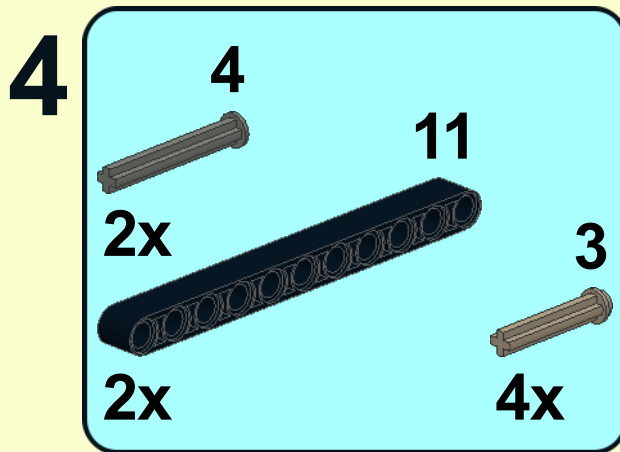
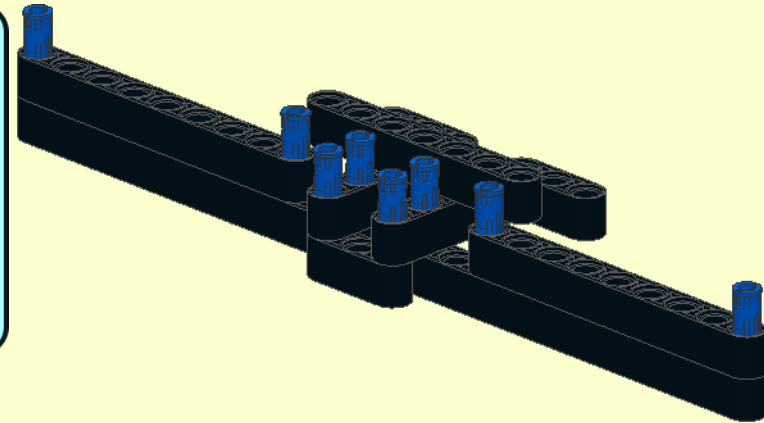
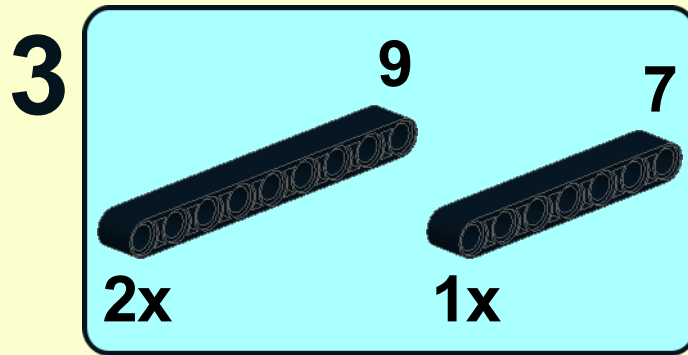


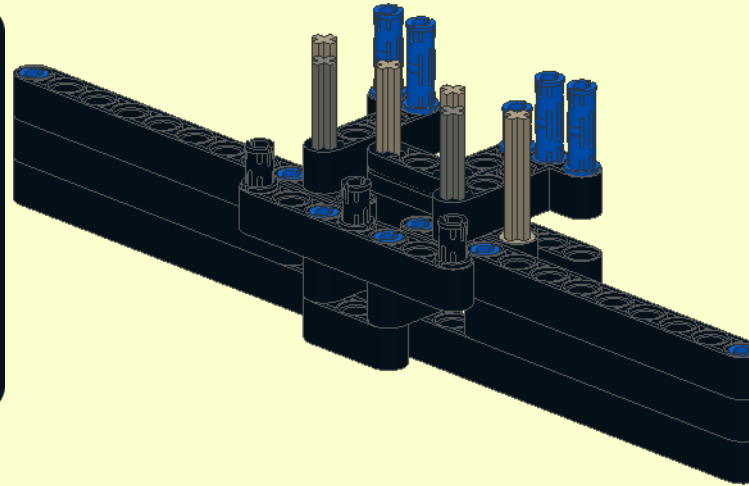
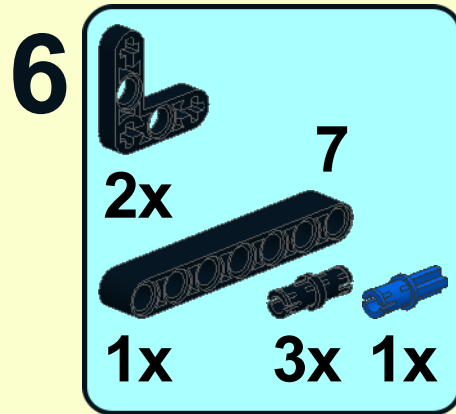
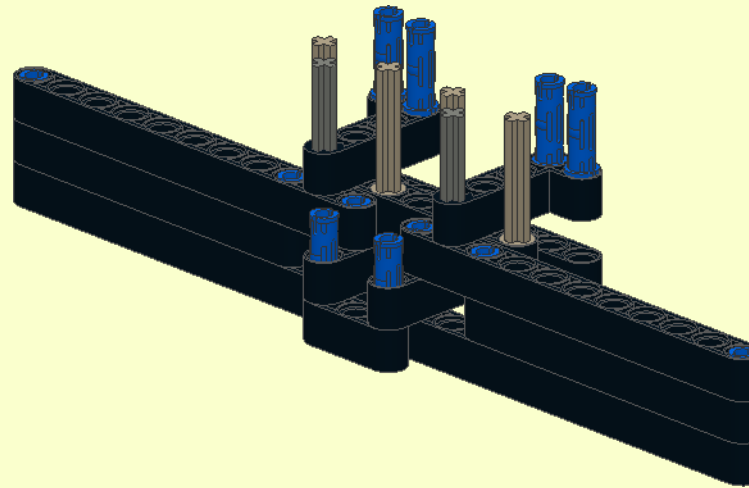
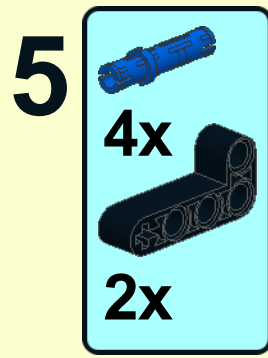
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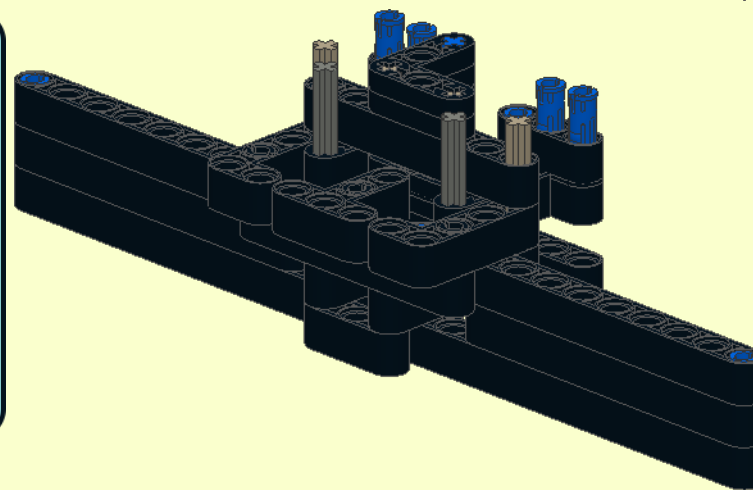
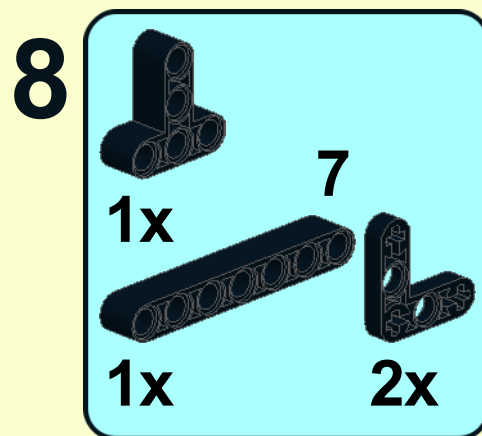
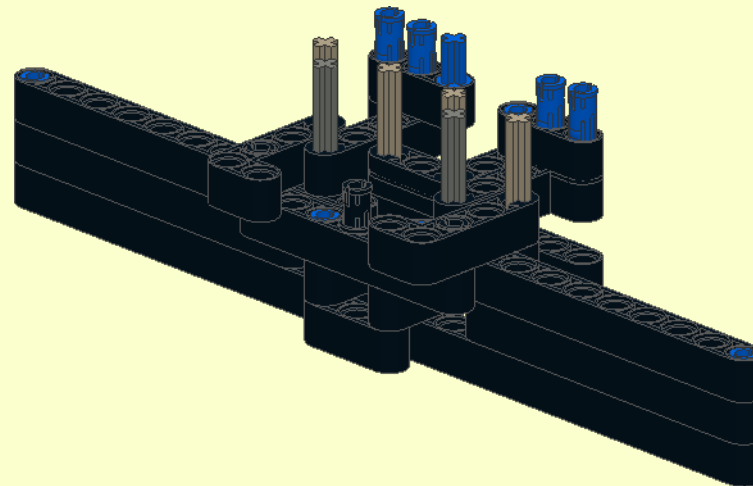
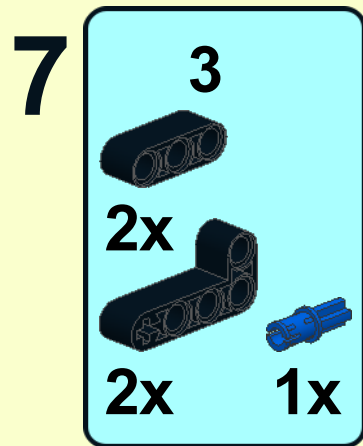




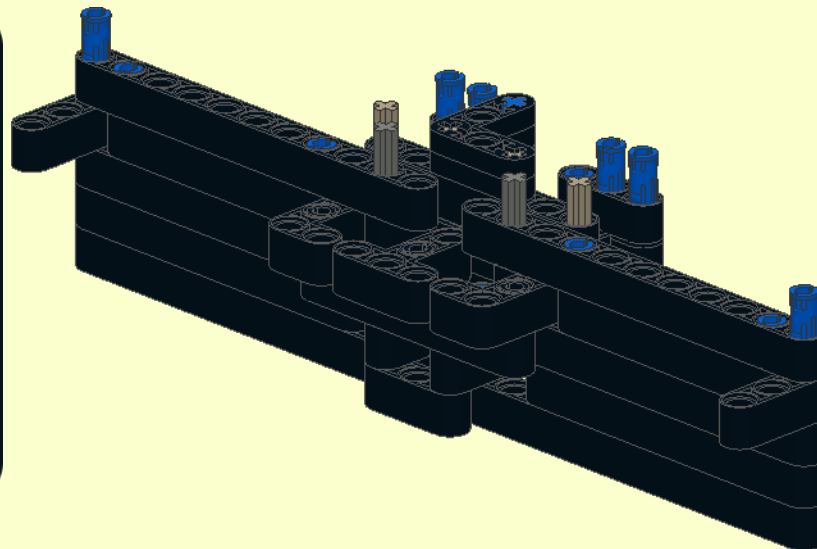
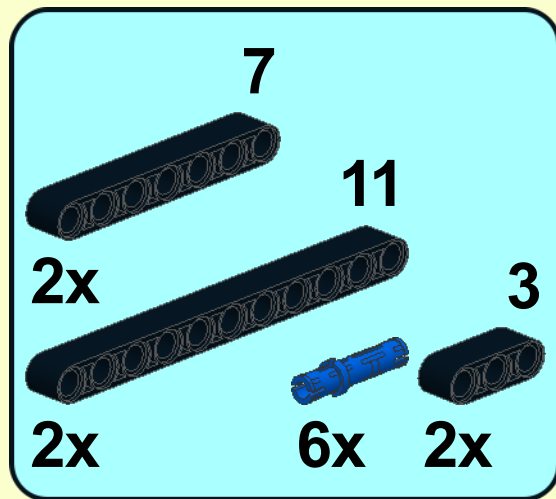




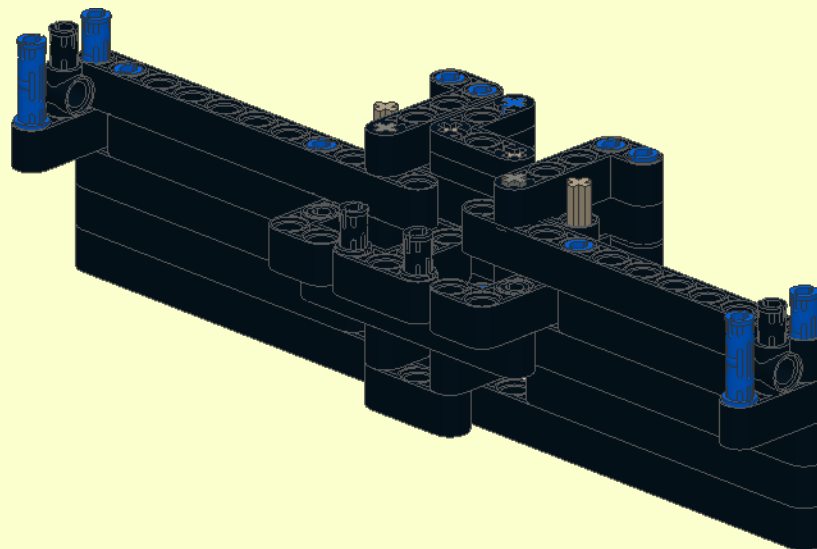
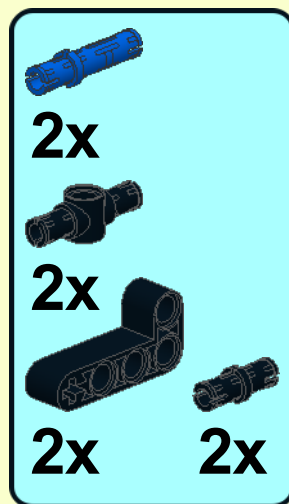


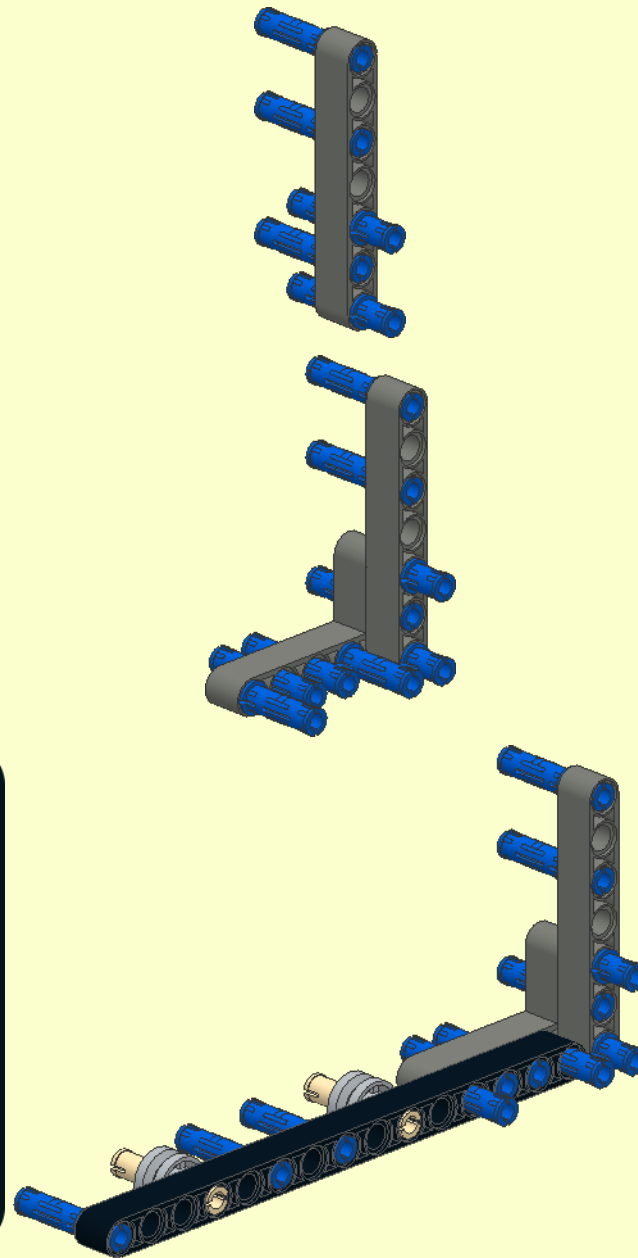
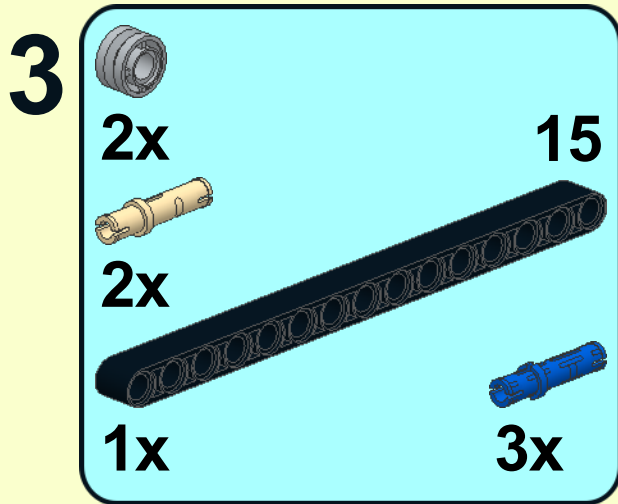
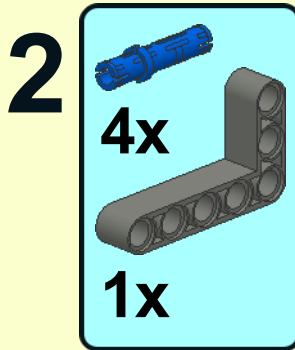
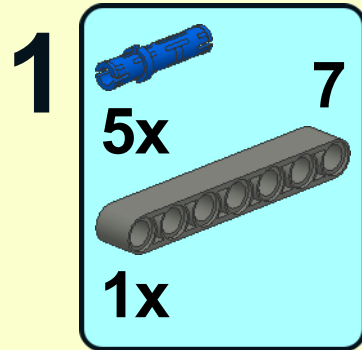


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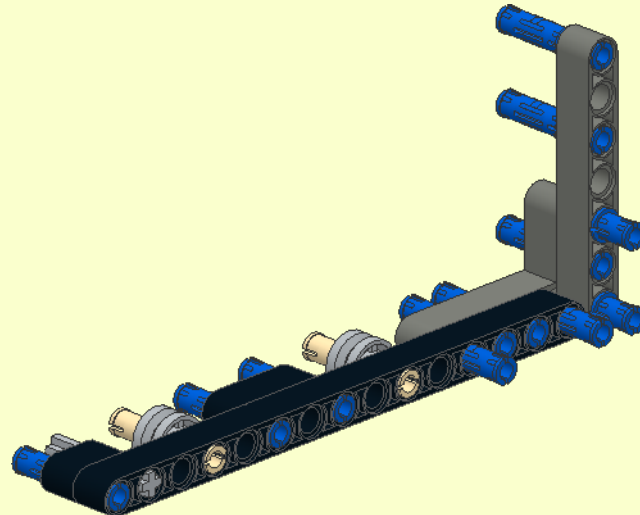
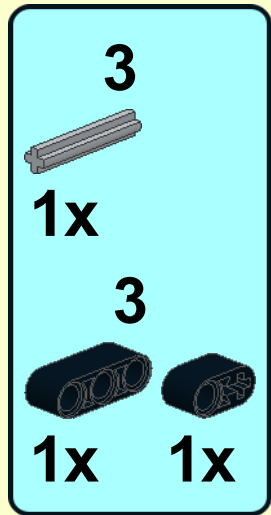


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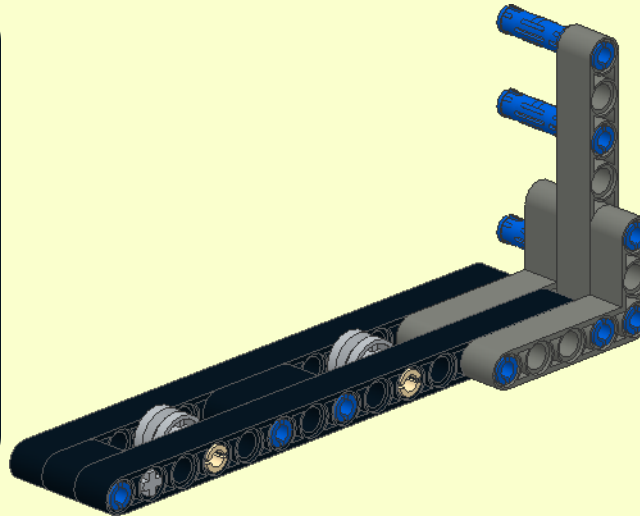
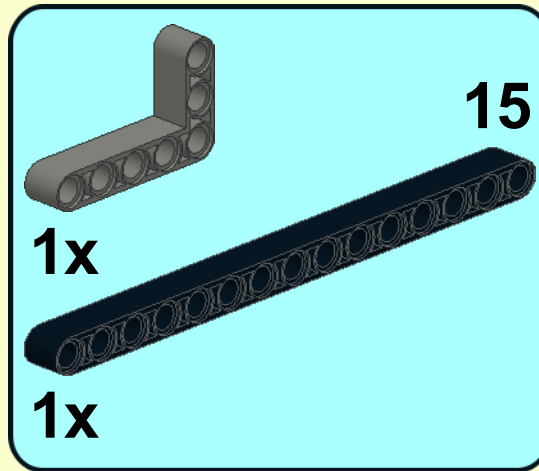


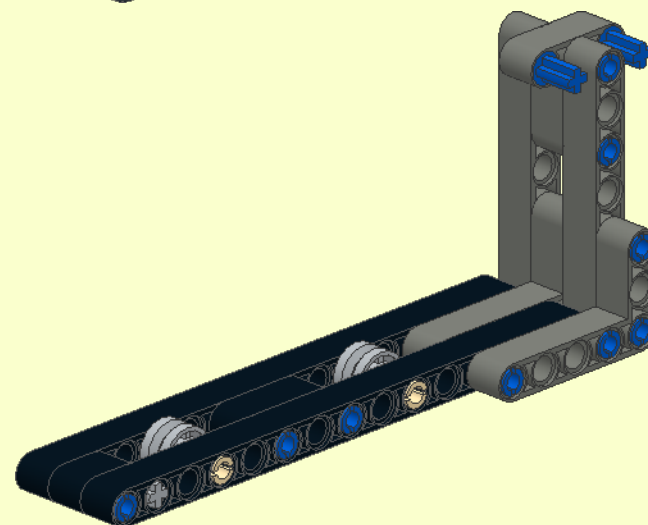
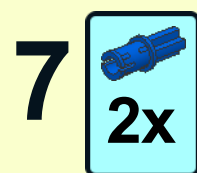
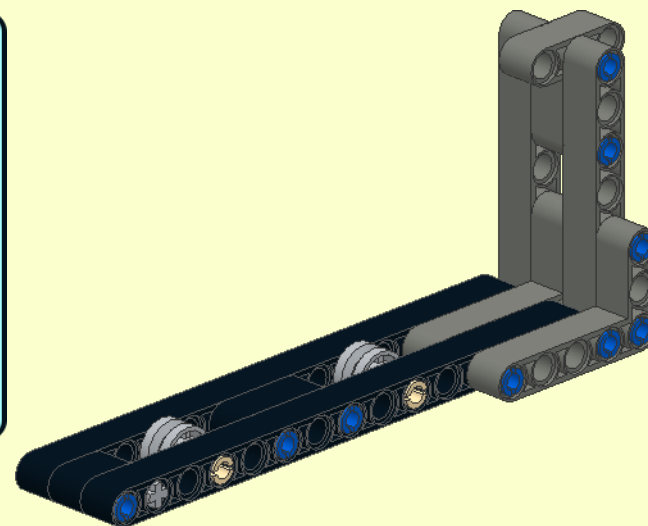
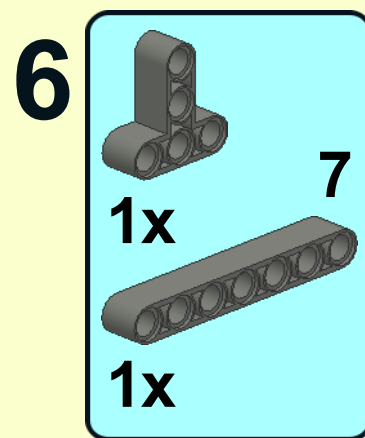


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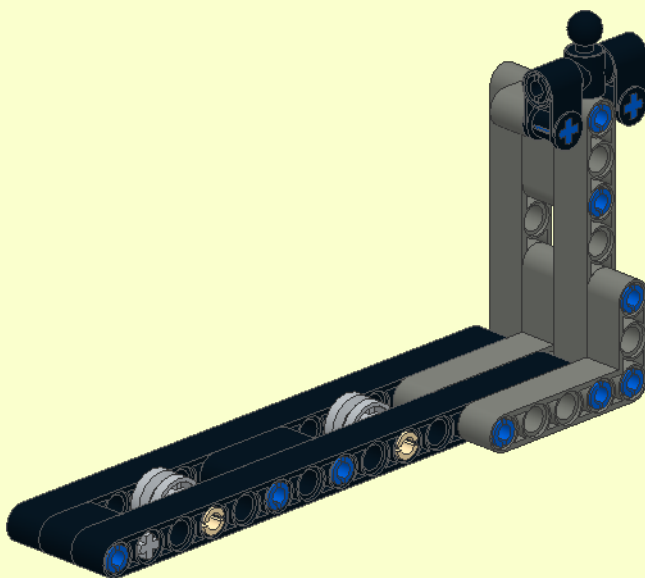
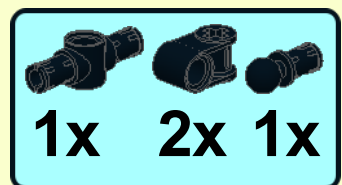


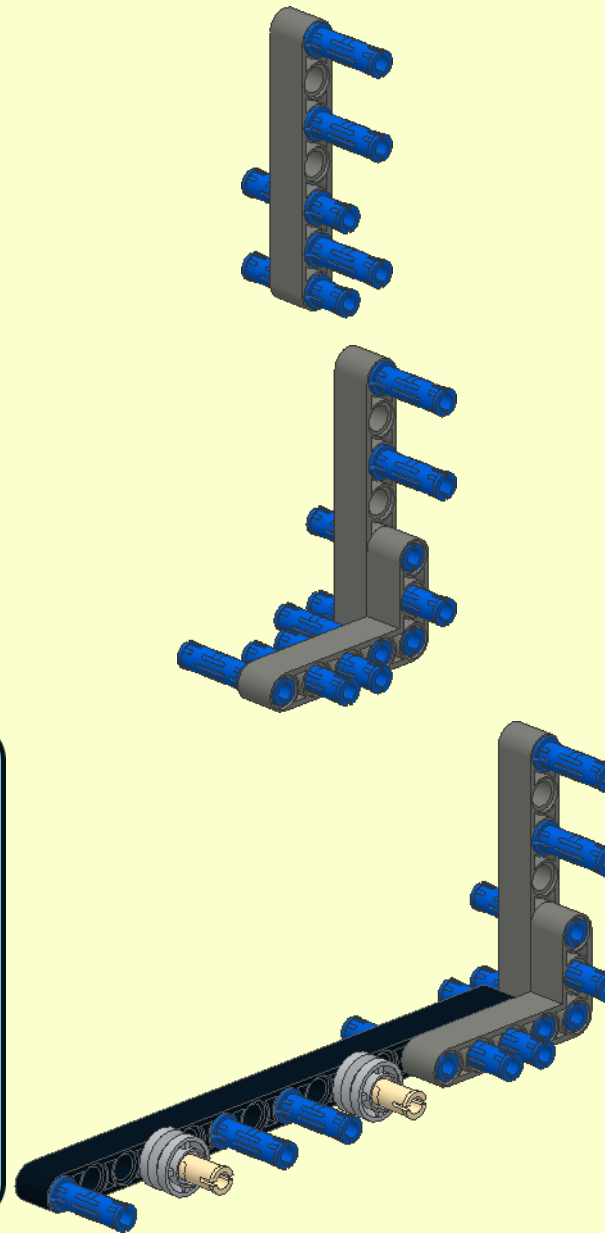
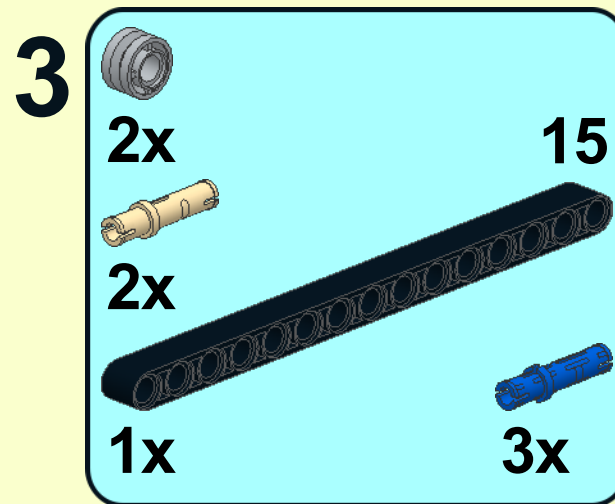
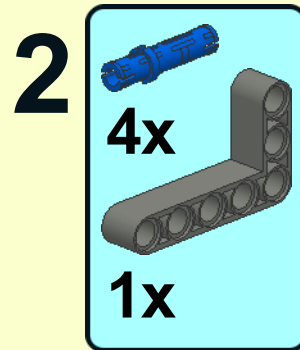
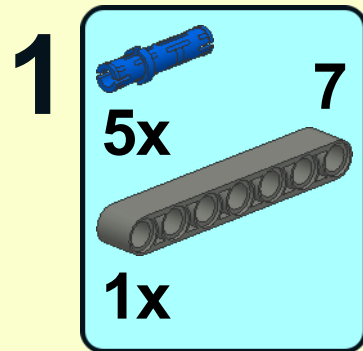
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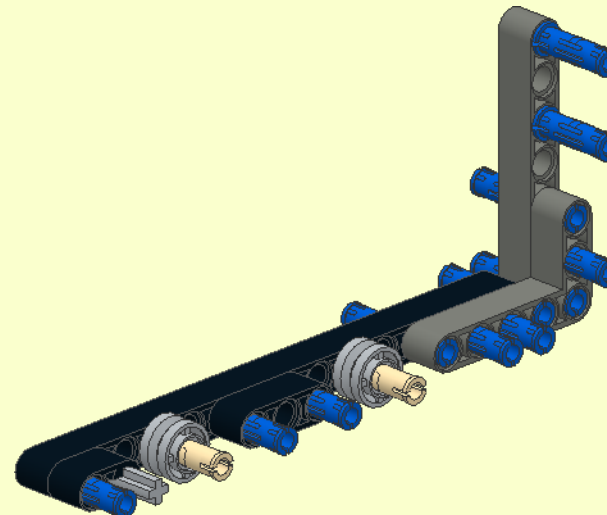
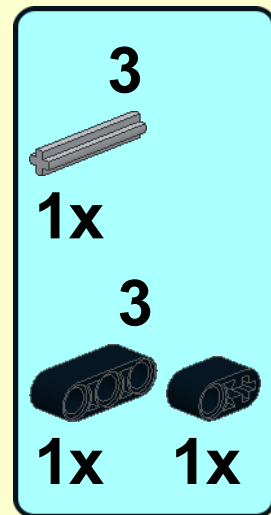


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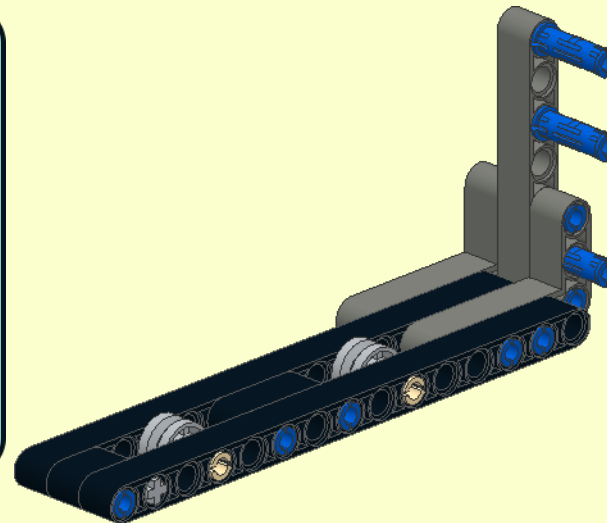
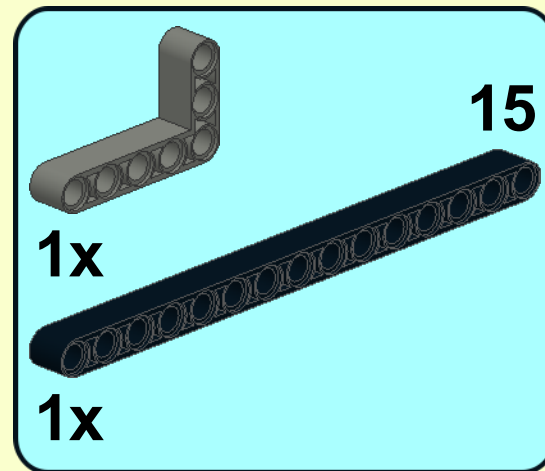


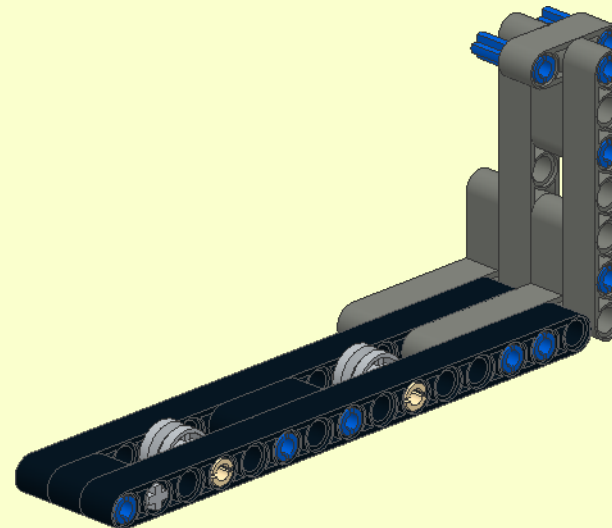
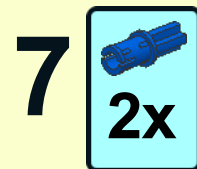
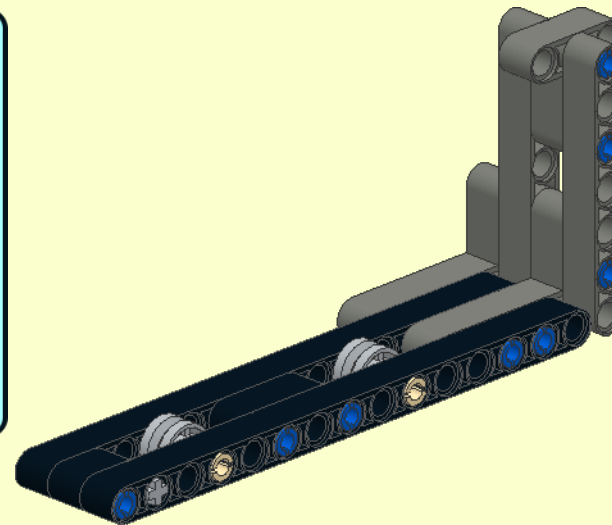
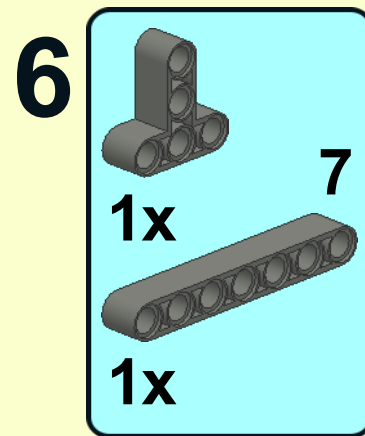


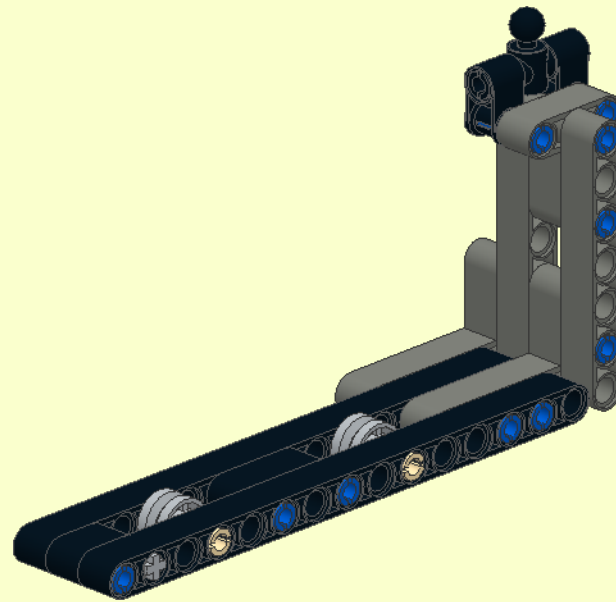
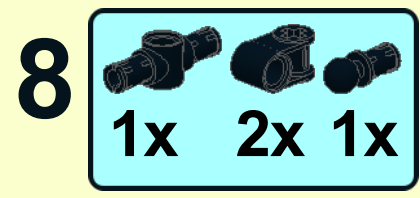
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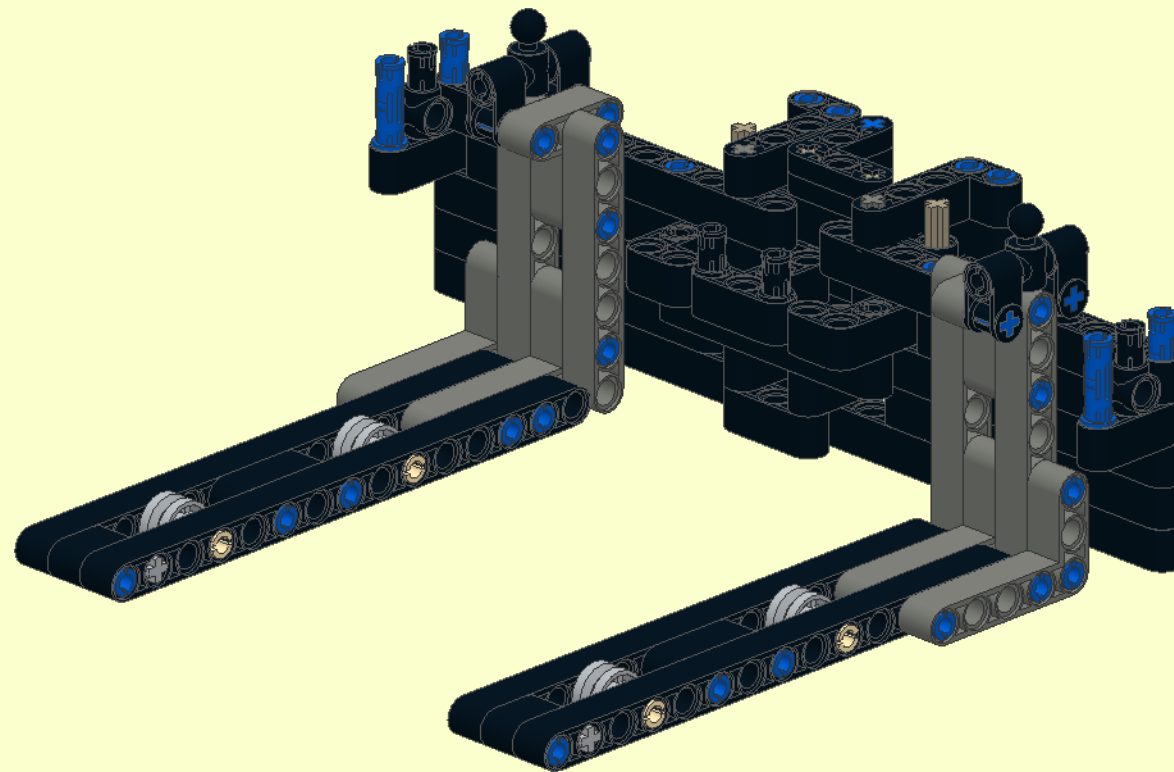


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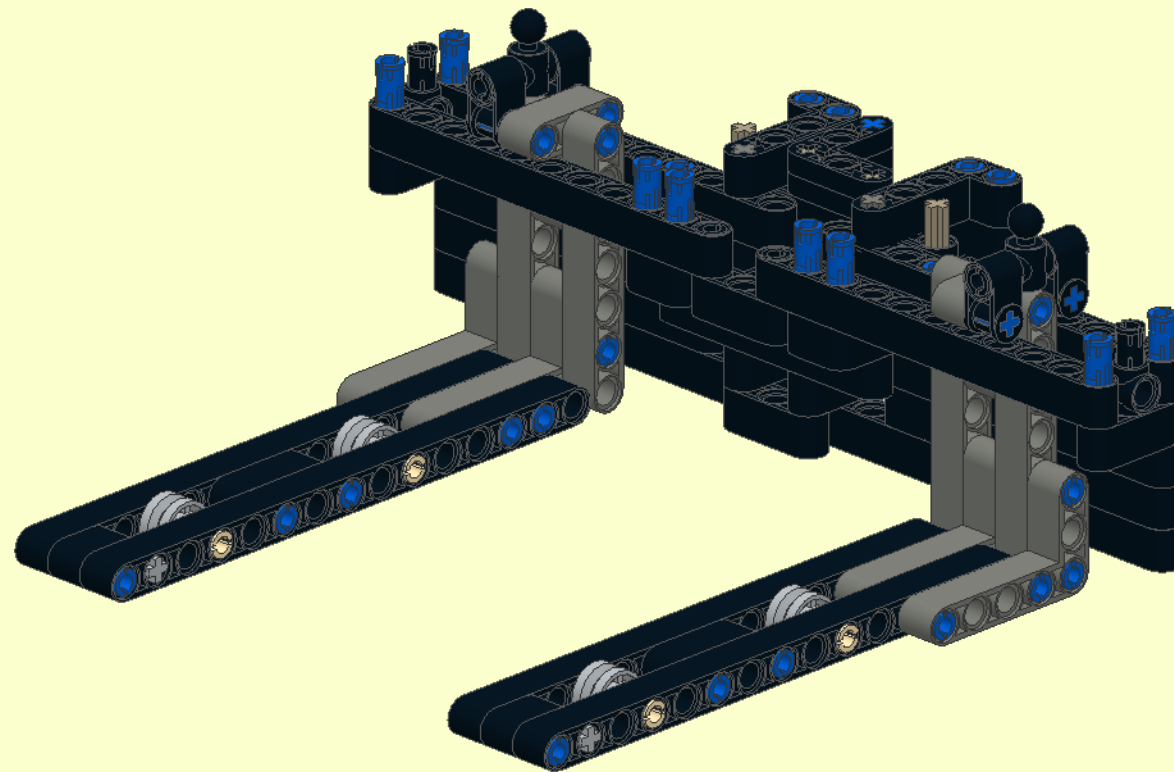
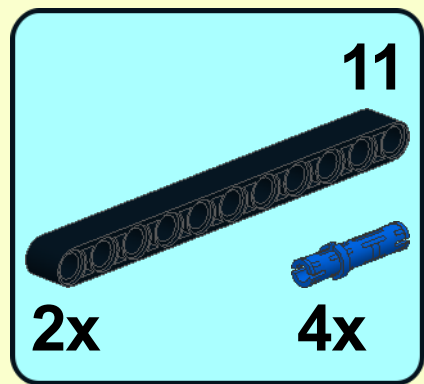


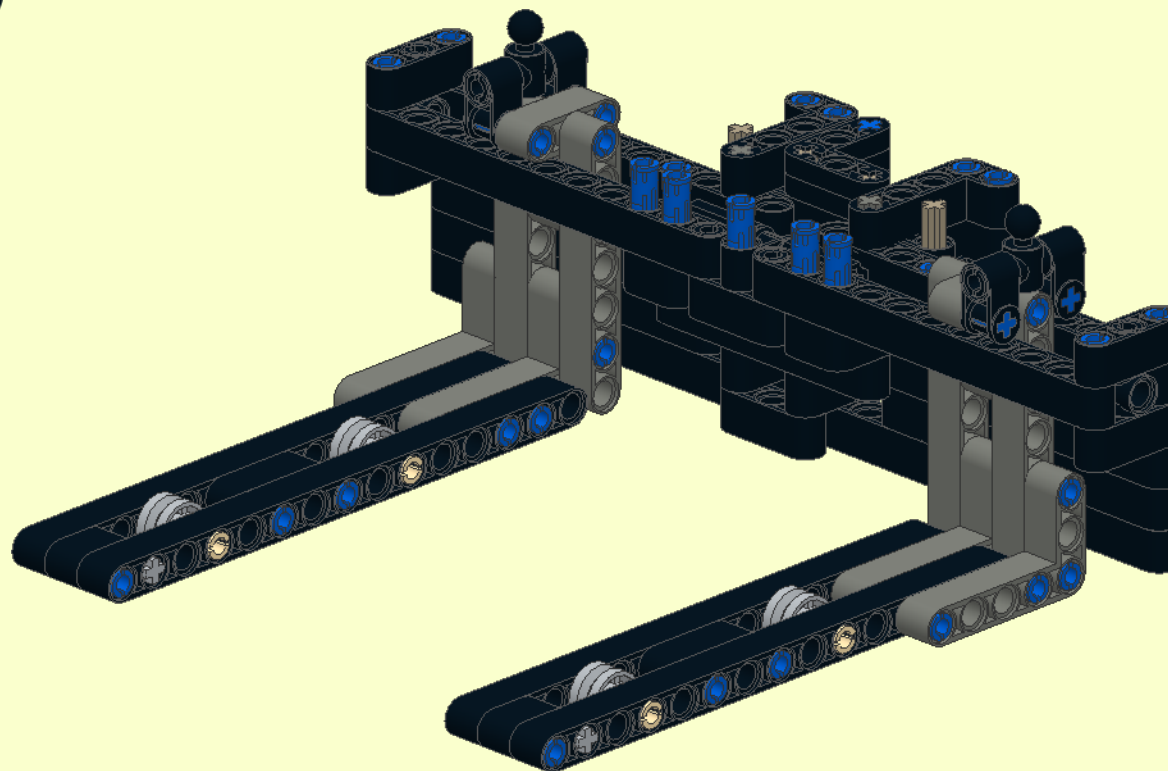
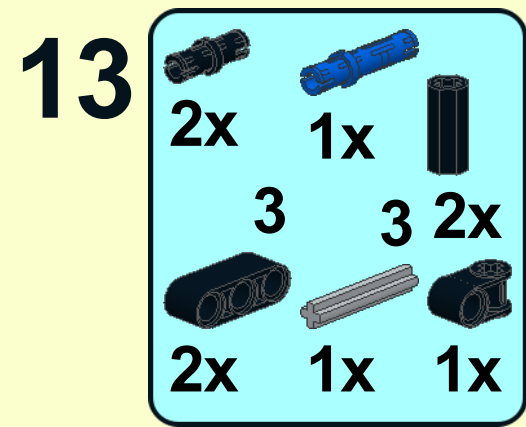


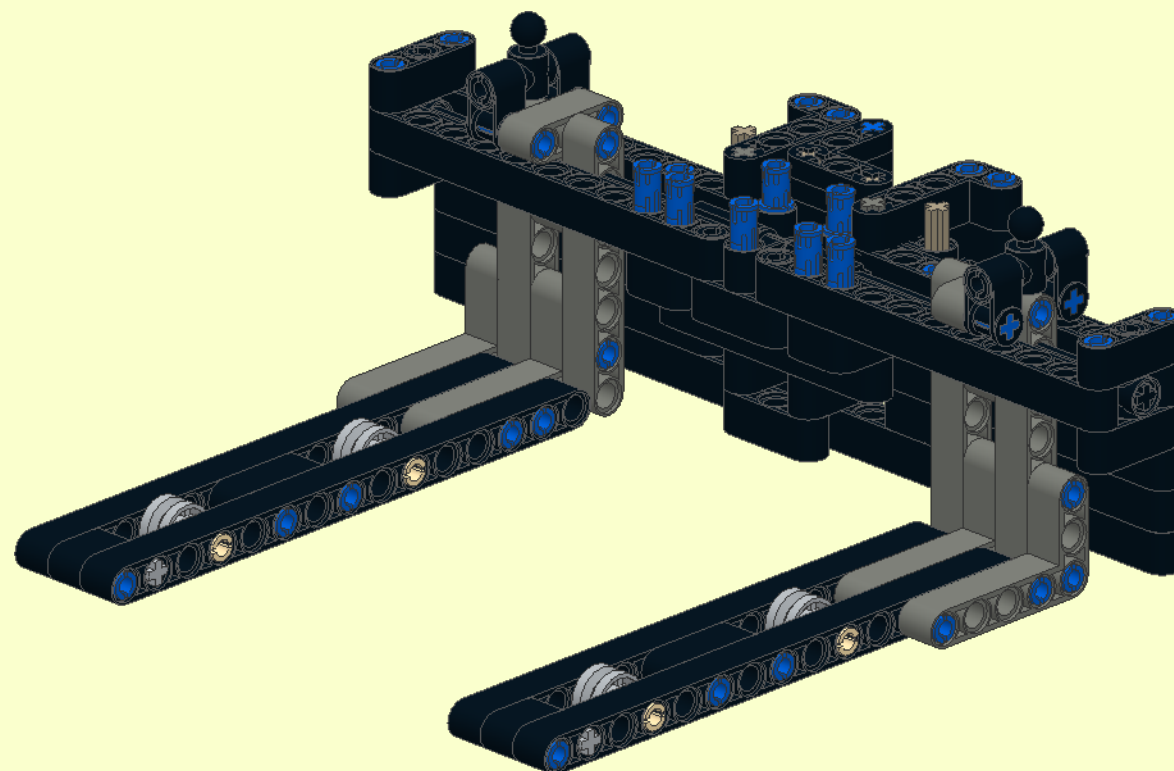
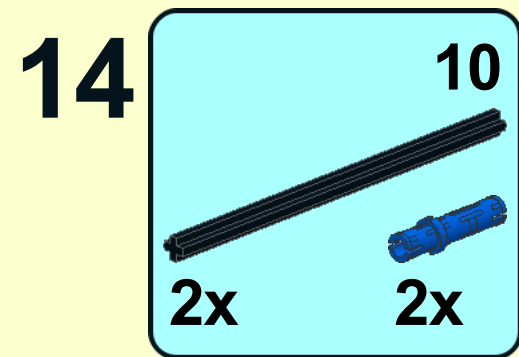




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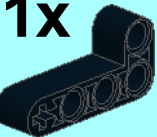


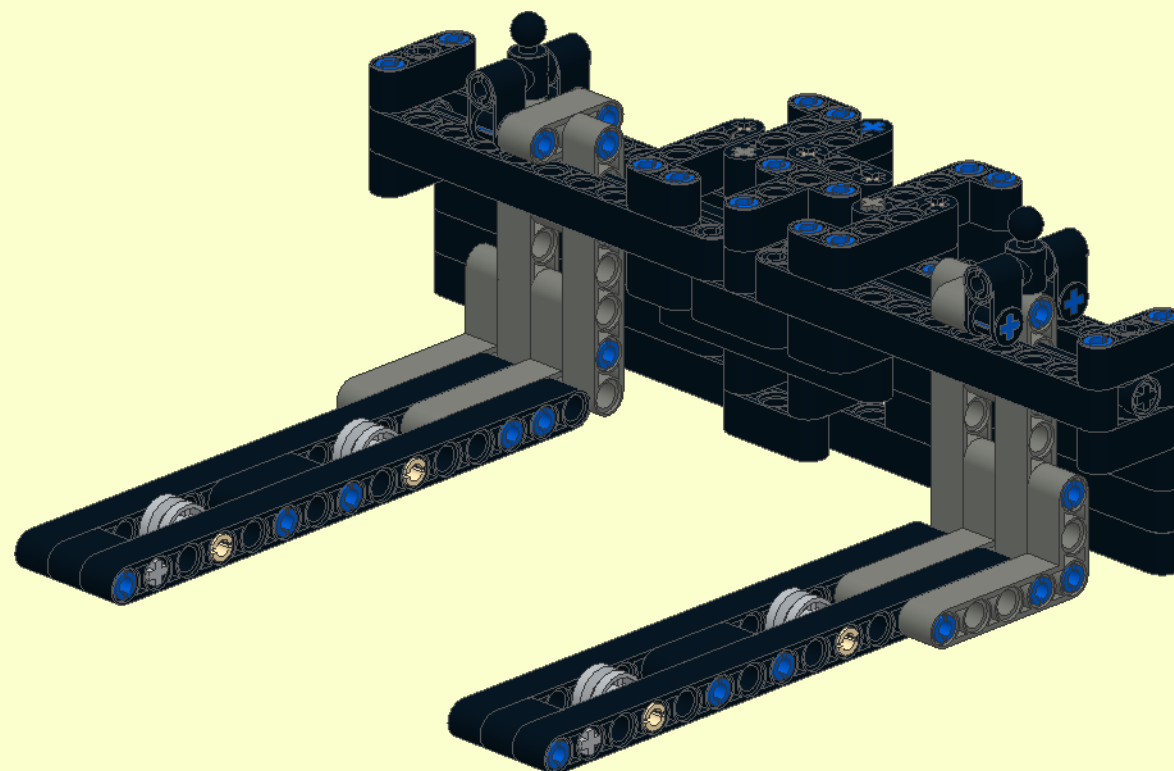


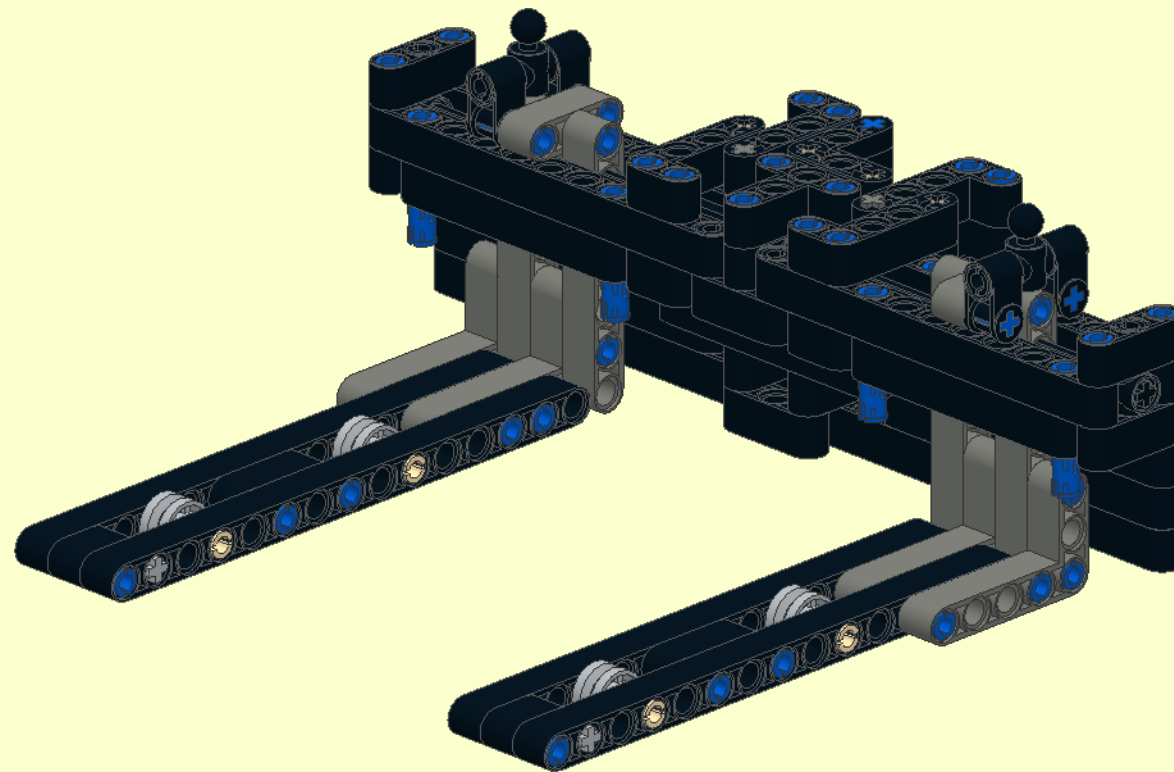
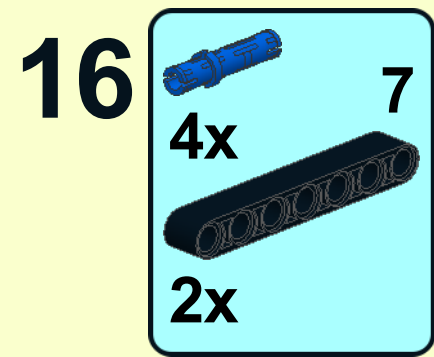


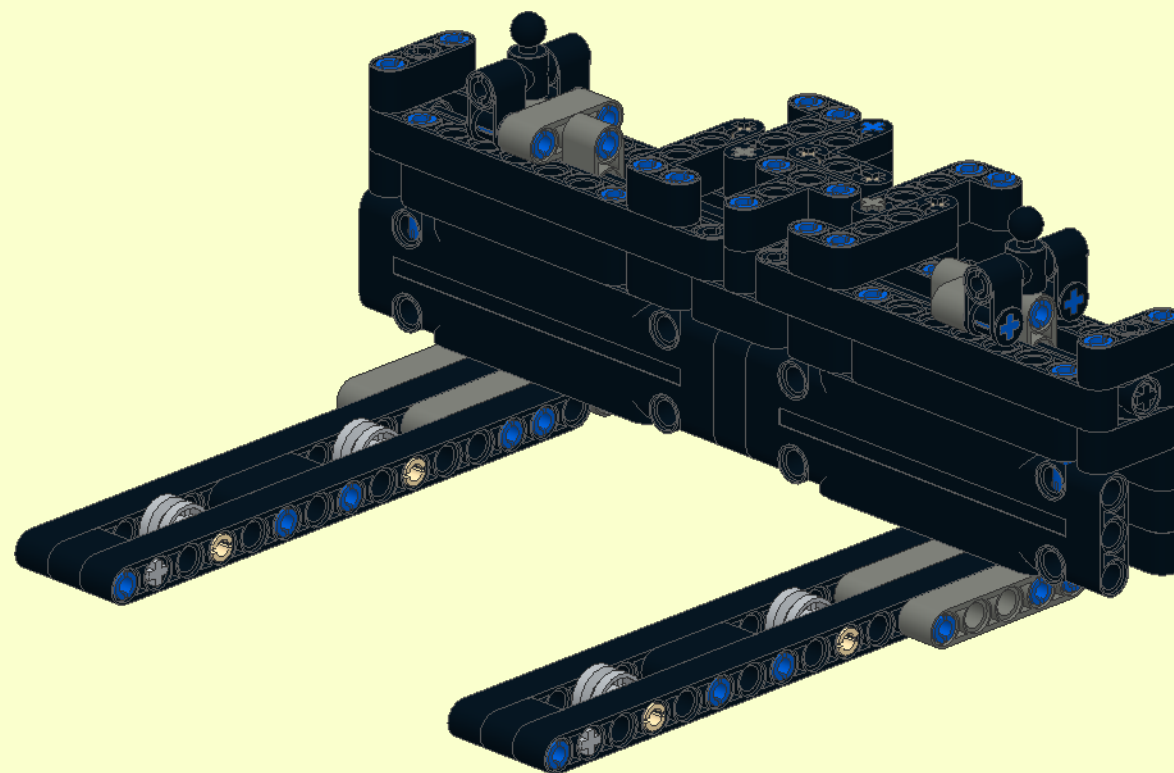
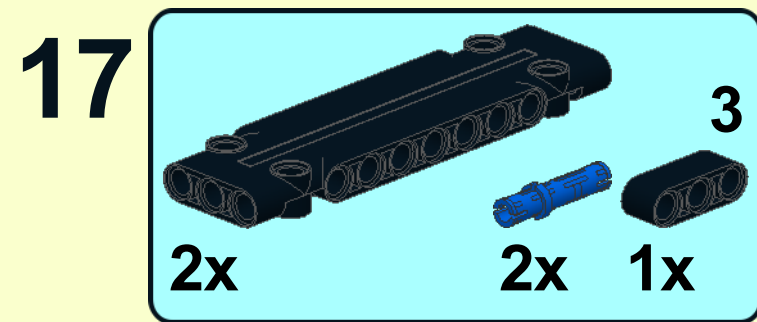
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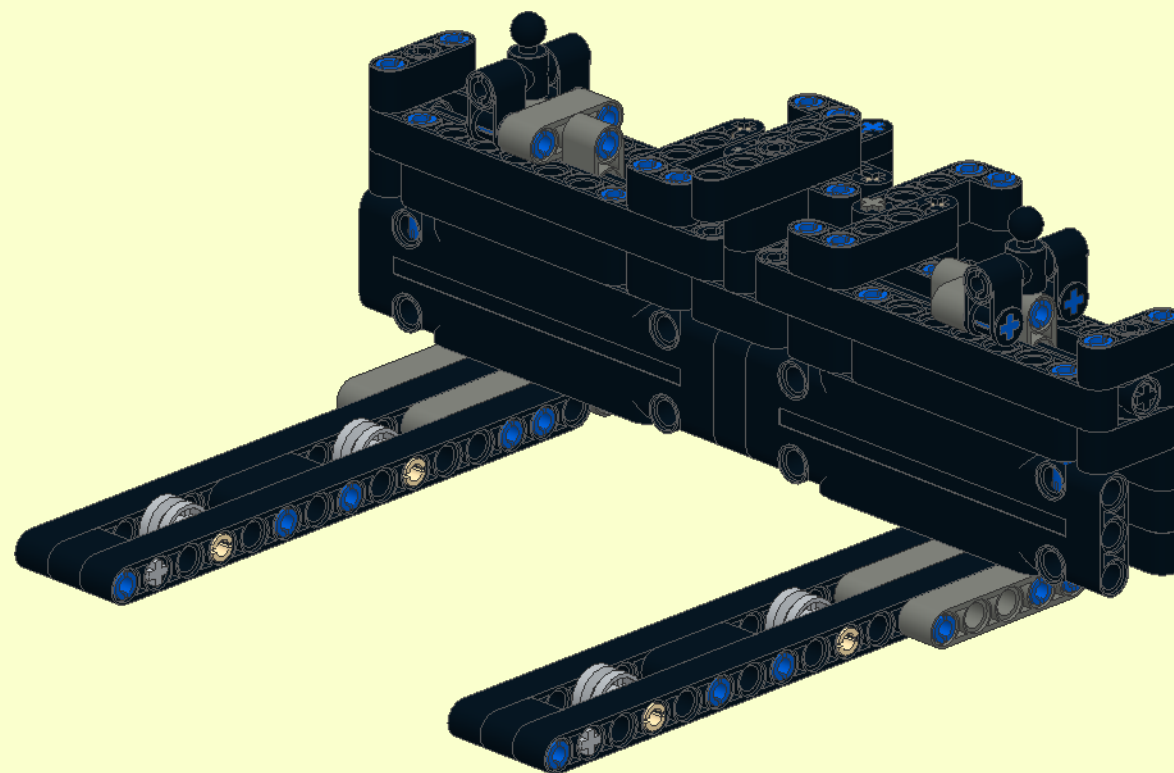
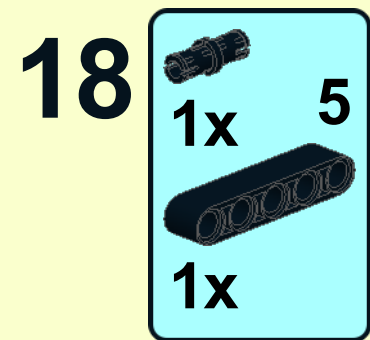

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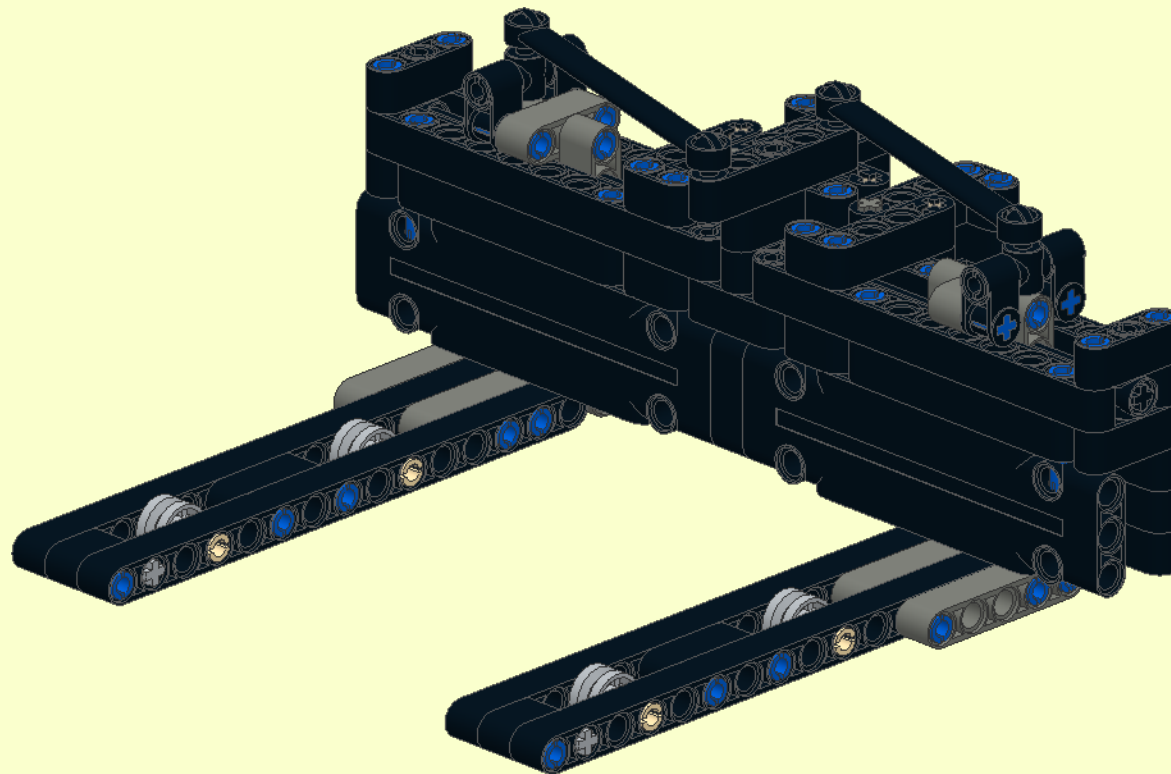
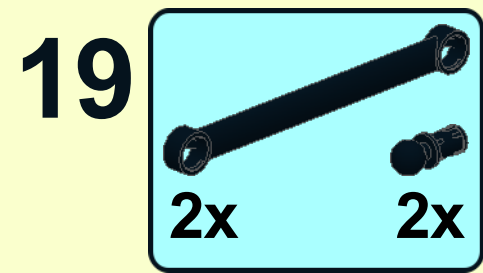

2x

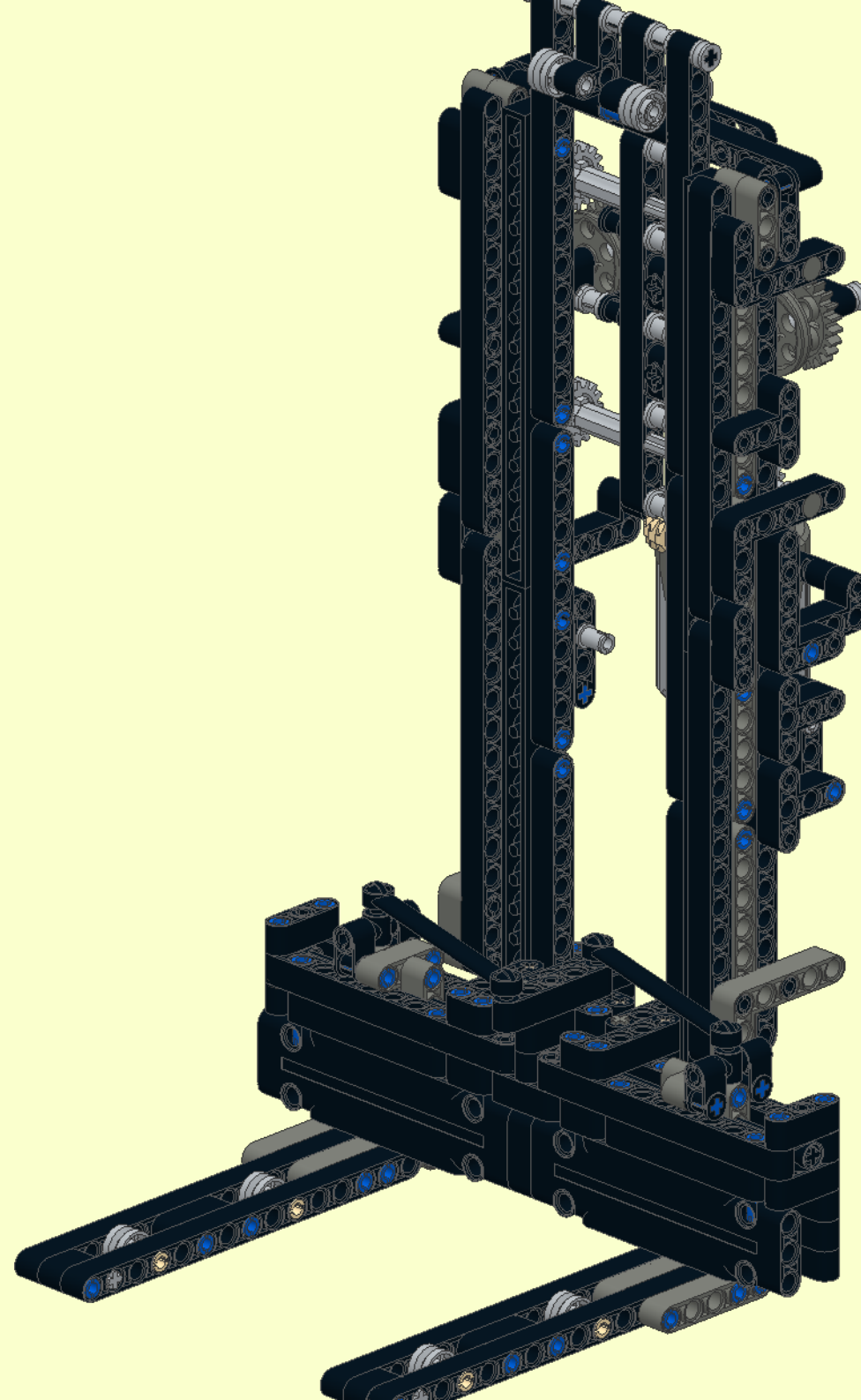


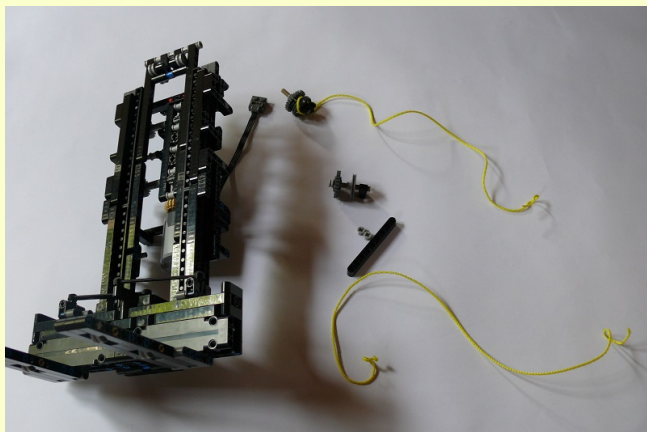










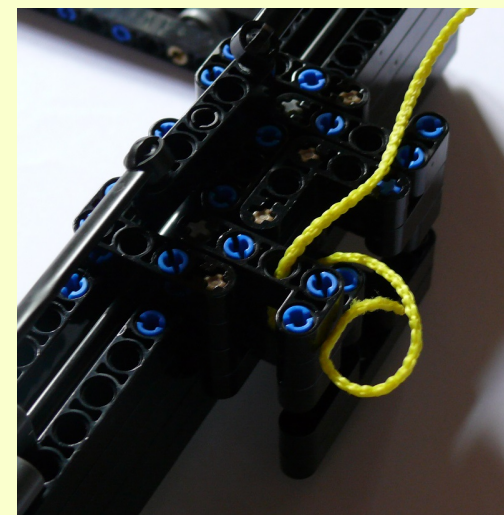
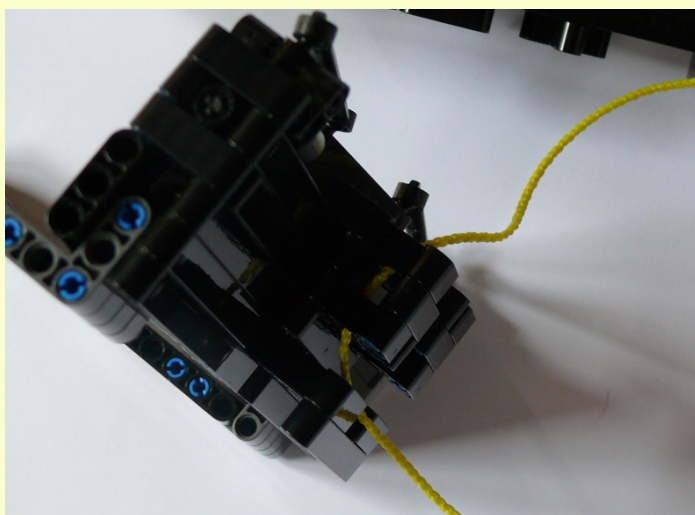
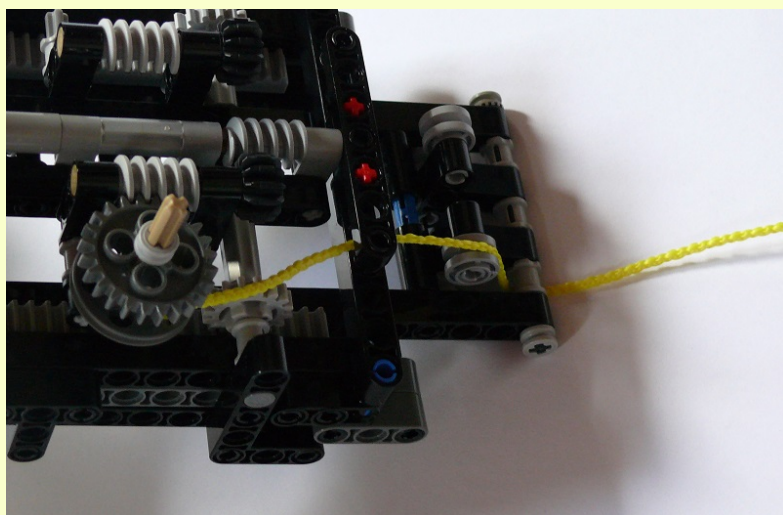


To finish the forks, you will need 2 strings of roughly 50 cm long (20 inches). Their diameter must not exceed 2mm.

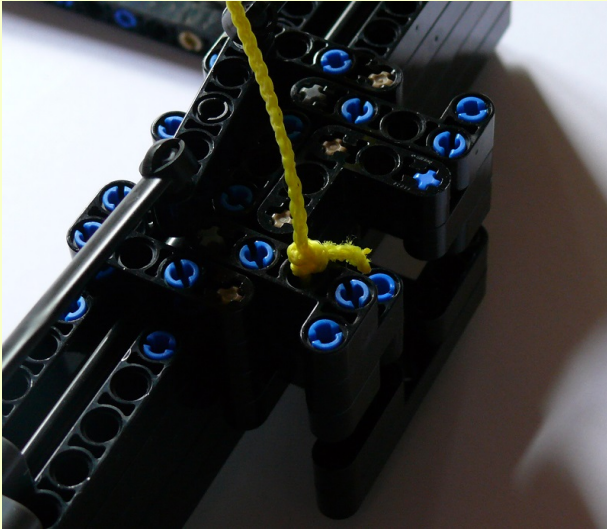


Make a knot so the first end of the string is tied up to the pulley.

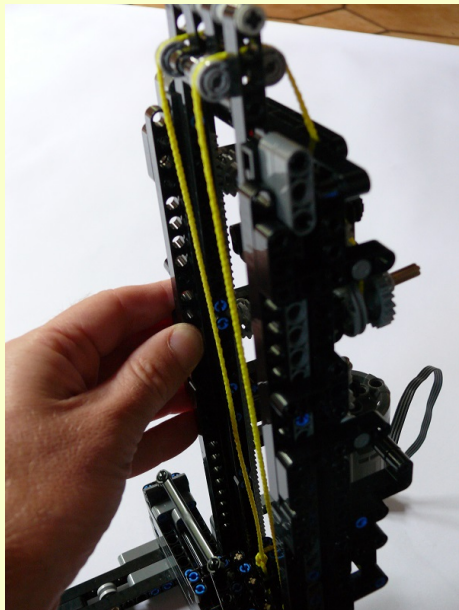
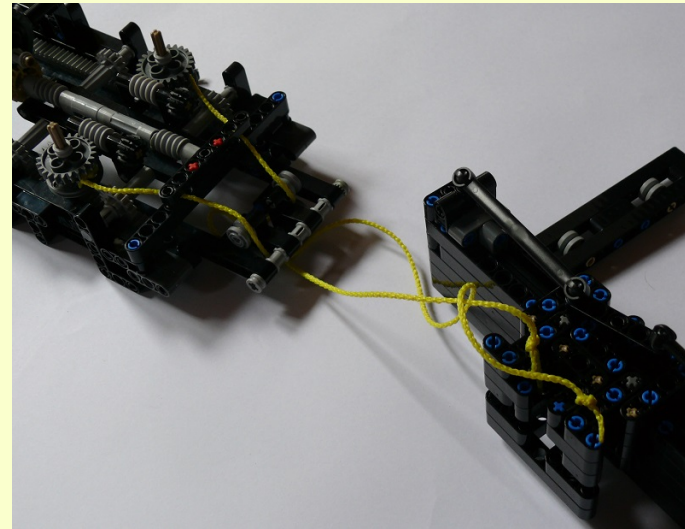
Slide the string like on the photos below.



Make a robust knot.

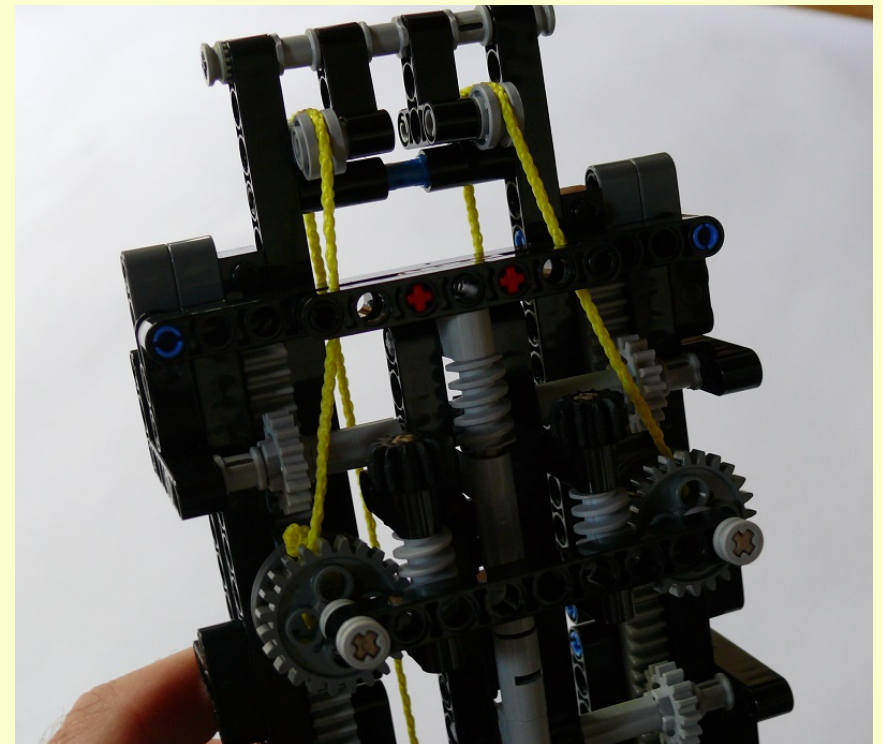


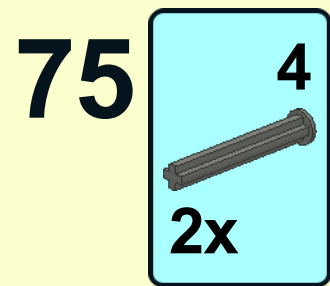
Repeat with the second string.



Assemble everything back.

Turn the pulleys so the fork is horizontable.

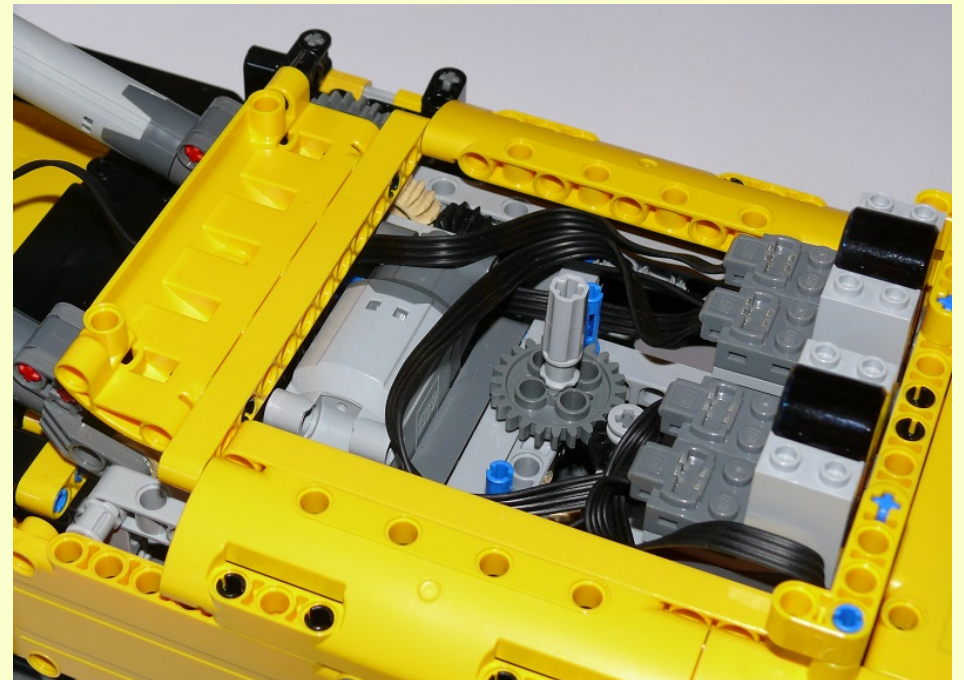


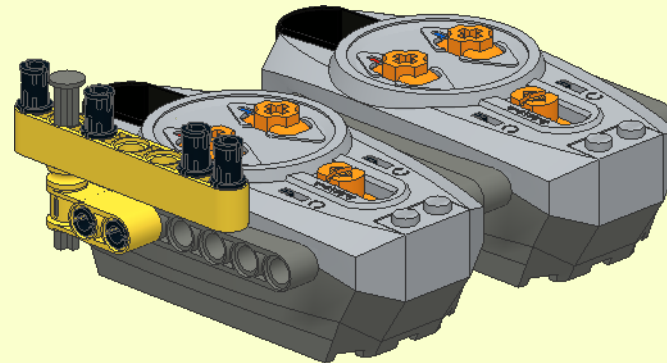
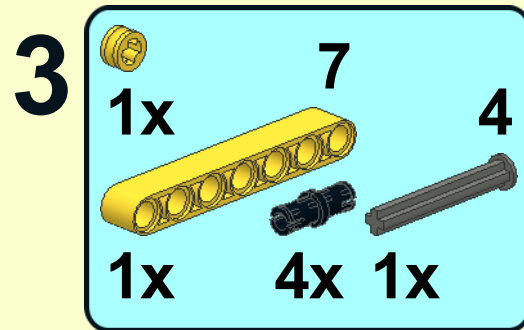
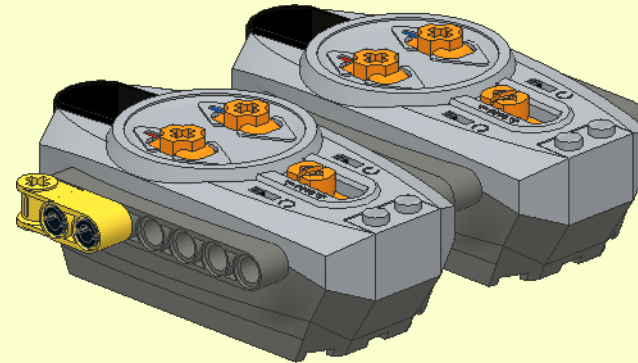
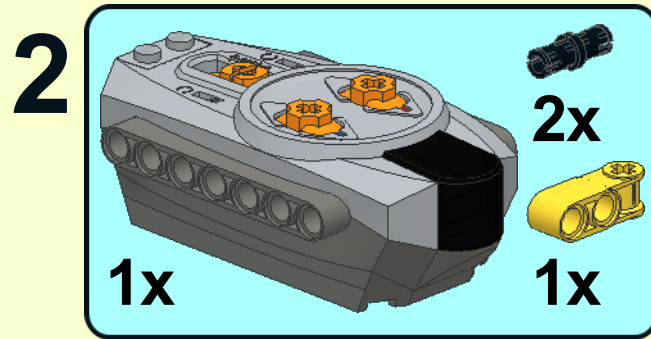
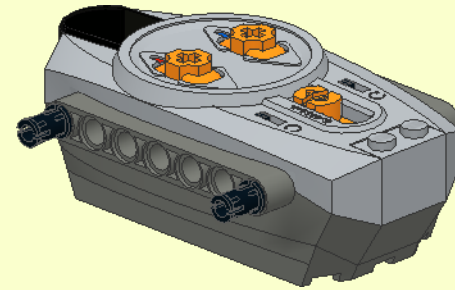
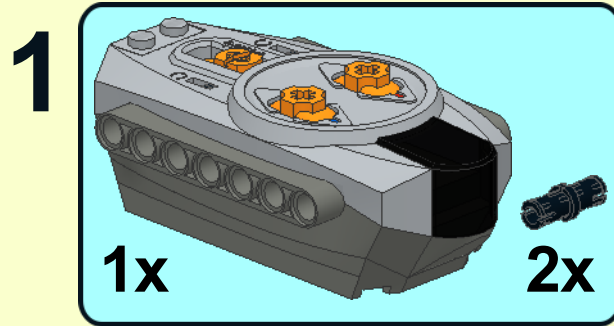




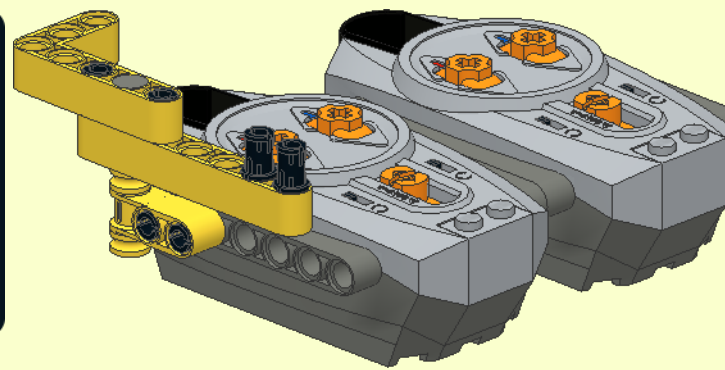
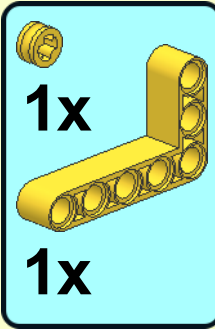
Slide the fork's motor wire under the 3x11 panel, it's certainly a good idea to unplug it first like show on the photo.

Rebuild everything back and plug the motor's wire on the last IR receiver free slot.

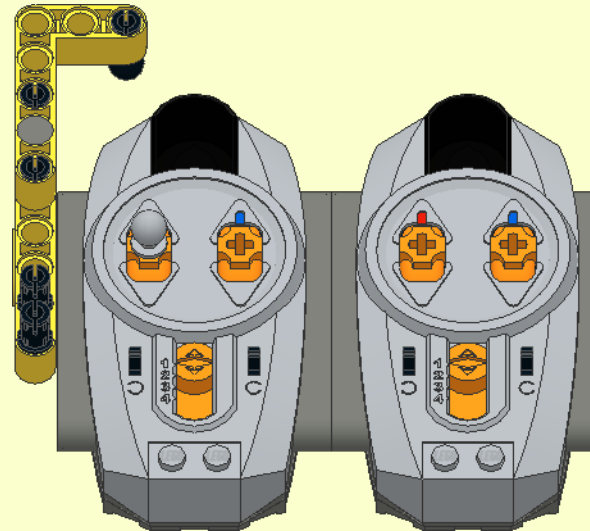




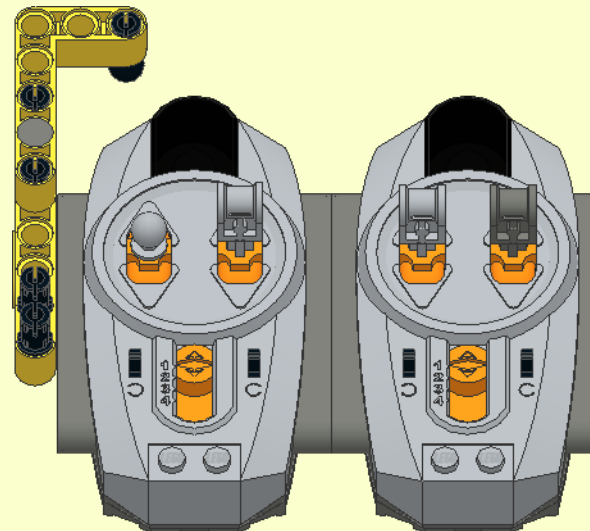
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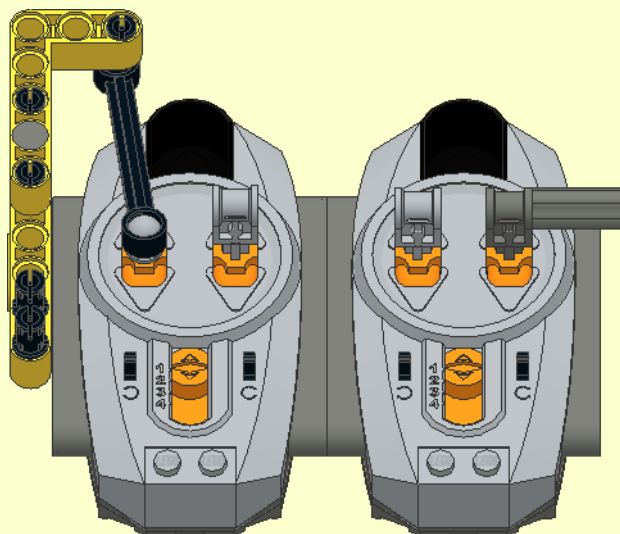
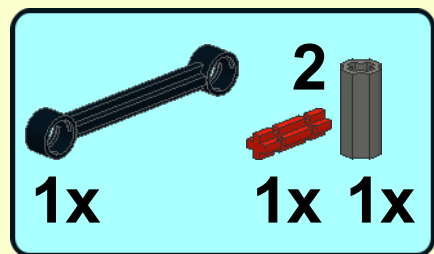
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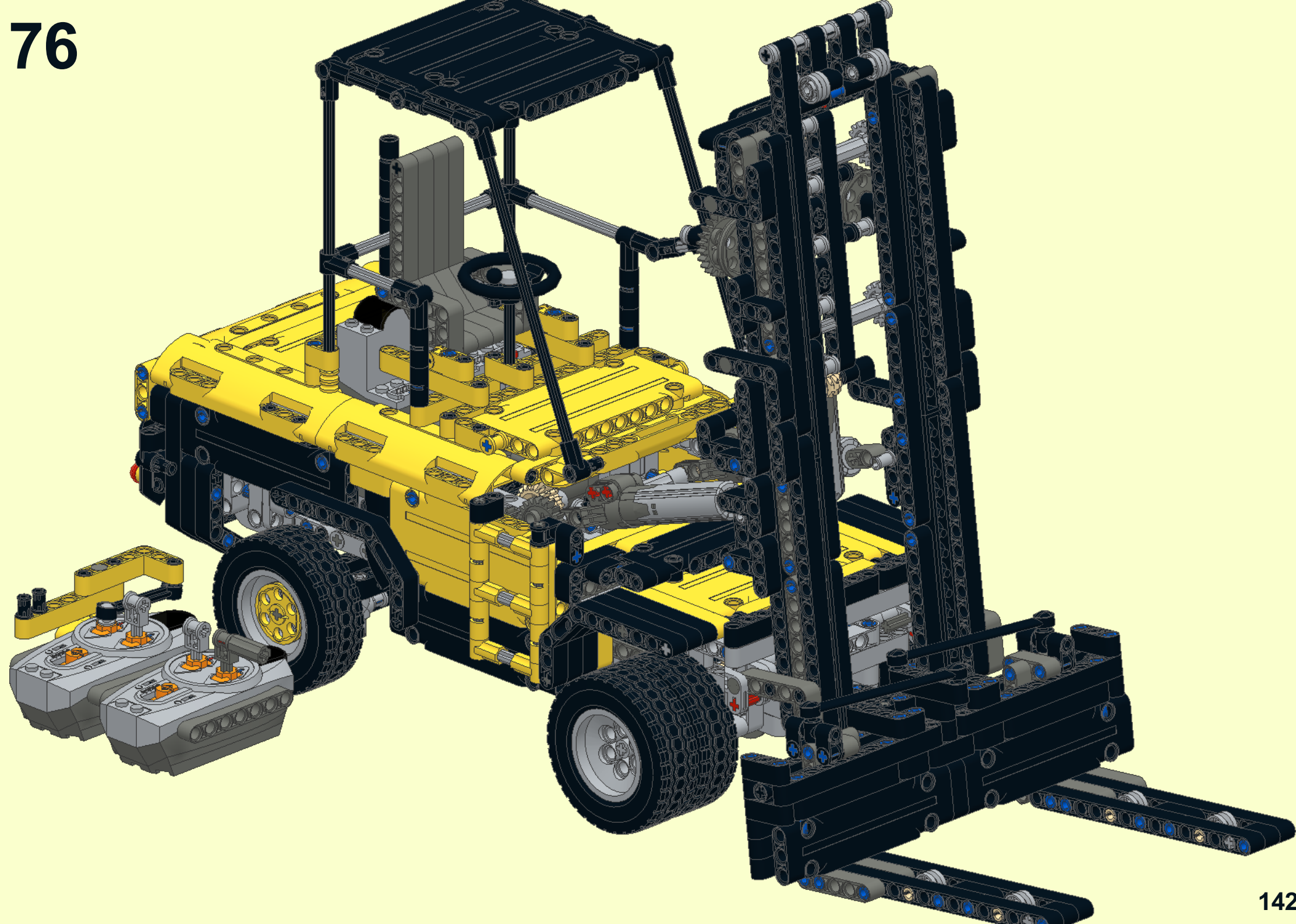


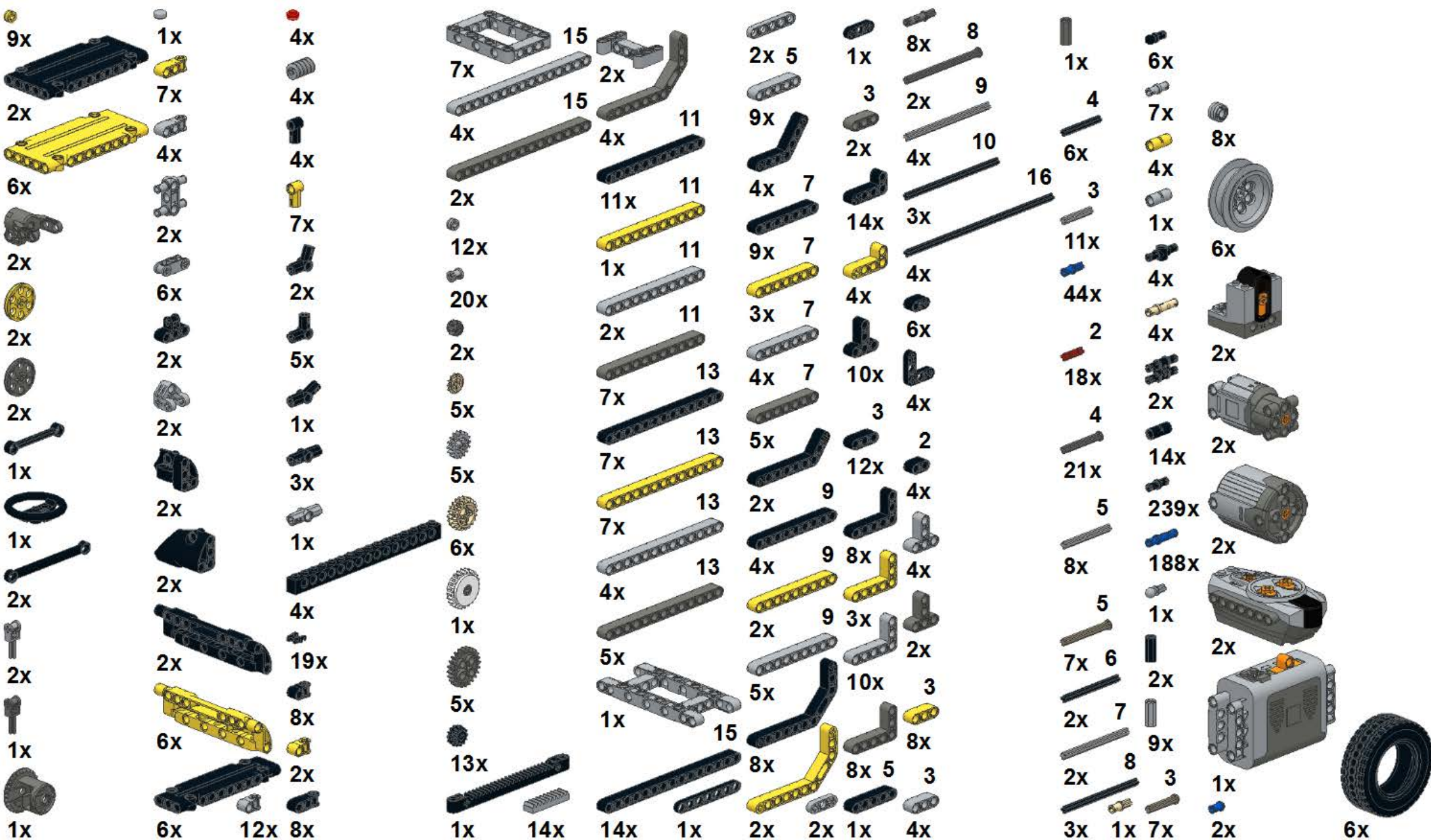
6



7







Thank you for building this model

This is an original creation by Alexis Vilvert

<http://lego.vilvert.fr>

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