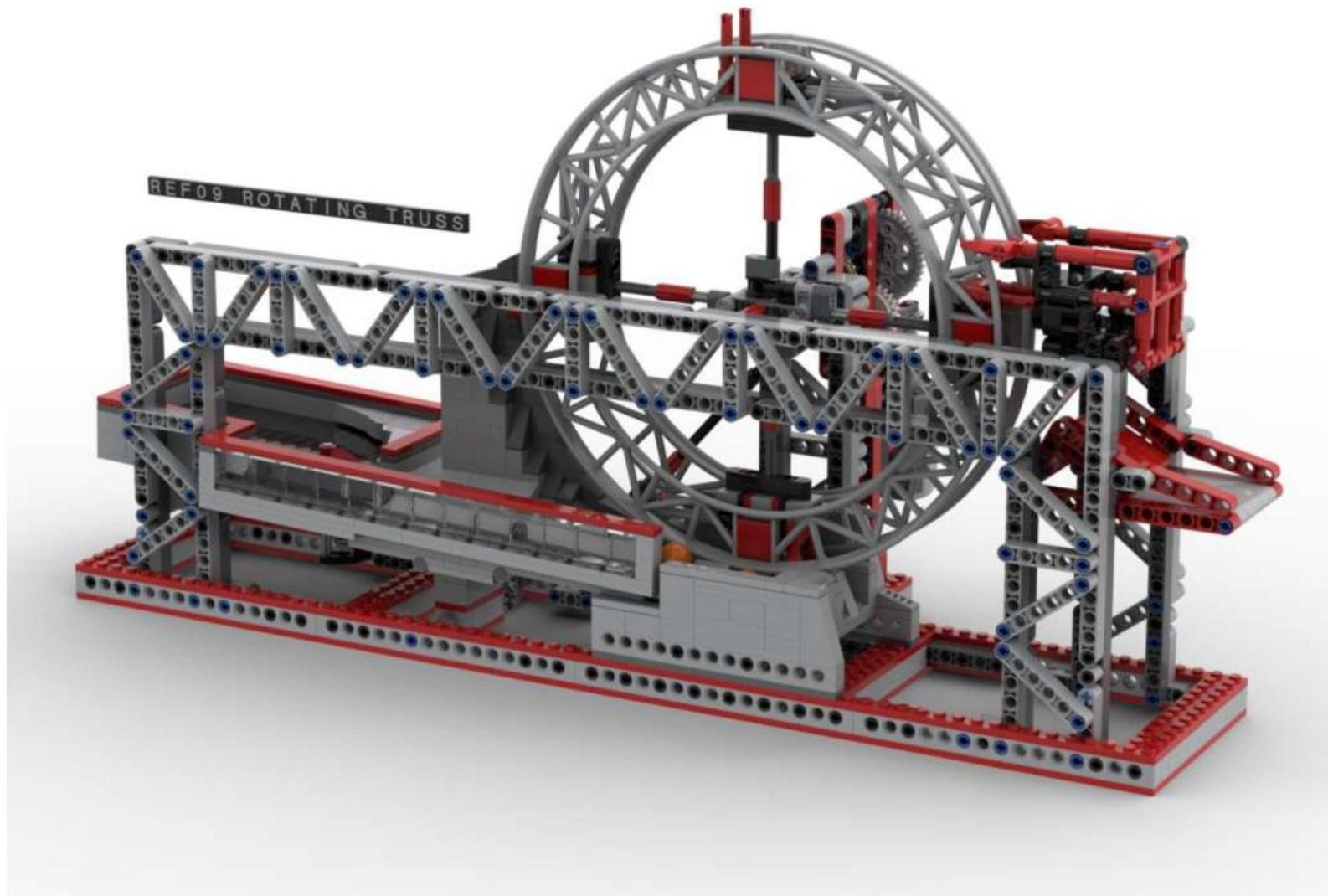


ROTATING TRUSS



Version 1.0
UPDATED

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REF 09

UPDATED INFORMATION

Since the original instructions were released, a new 'biscuit' element (part 39793) has been created by Lego. This part is very useful in eliminating a complicated structure at the centre of the wheel hub, while also removing the potential wobble the original design had. The 'biscuit' is also useful for building a more rigid ball ejector in the unloader.

I'm currently unable to update these PDF instructions. I have noted at the relevant parts of these instructions where the updated builds are required. If you are able to use Bricklink Studio, the updated .IO file contains the changes required. In summary, the changes are:

NOTE: Steps 134-141

These steps are out of date. The original hub has been replaced by a new biscuit-based hub design labelled as 'Revised Biscuit-Based Central Hub' in the updated Studio IO file. The new hub design is much more robust and eliminates wheel wobble.



NOTE: Steps 143-144

These steps are not required and replaced by 2 extra assemblies from Steps 145-146.

NOTE: Steps 145-146

4 of these assemblies are required, instead of 2.
Referred to as 'Spoke' in the updated Studio IO file.

NOTE: Steps 177-183

This assembly is replaced by a new biscuit-based 'Ball Ejector' in the updated Studio IO file. The new design is sturdier, keeping the tile that ejects the balls from the wheel aligned much more firmly.



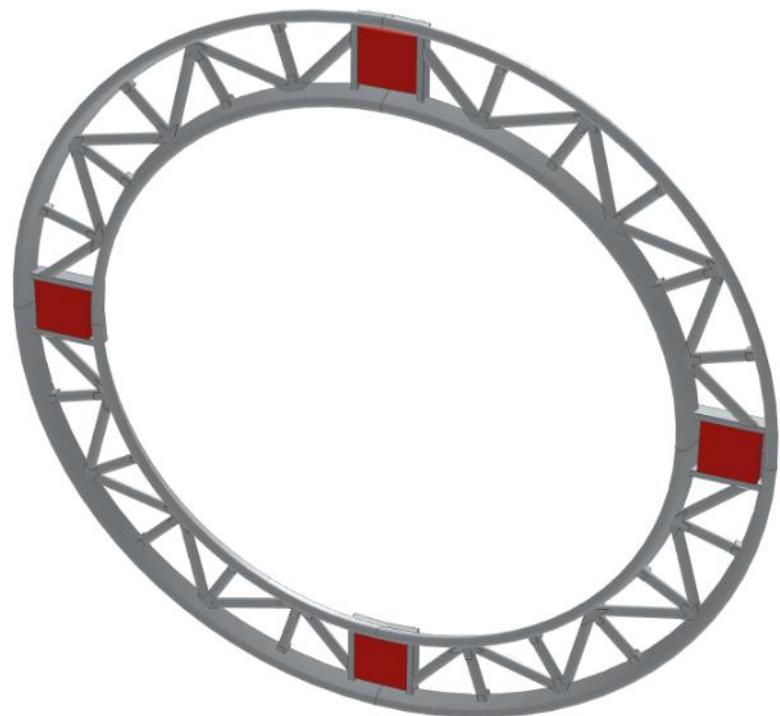
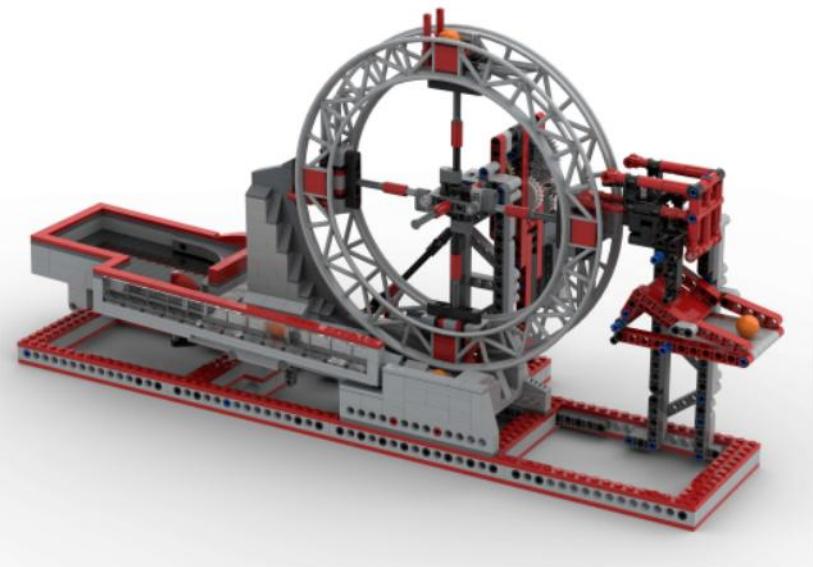
INSPIRATION

A rotating, circular truss is commonly used in stage lighting at Performing Arts venues. These lighting trusses reminded me of a ring of rollercoaster track (25061) and I began to wonder how they might be used in a Great Ball Contraption.

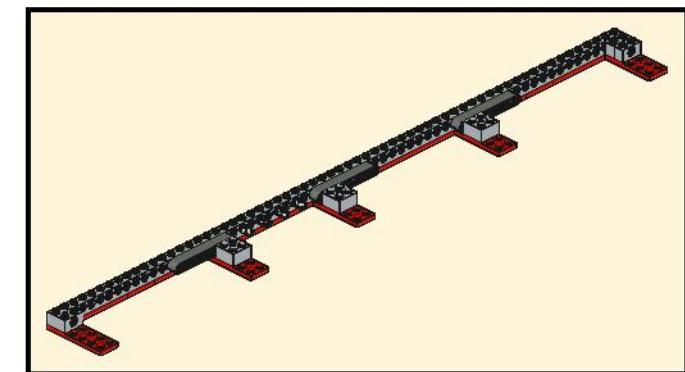
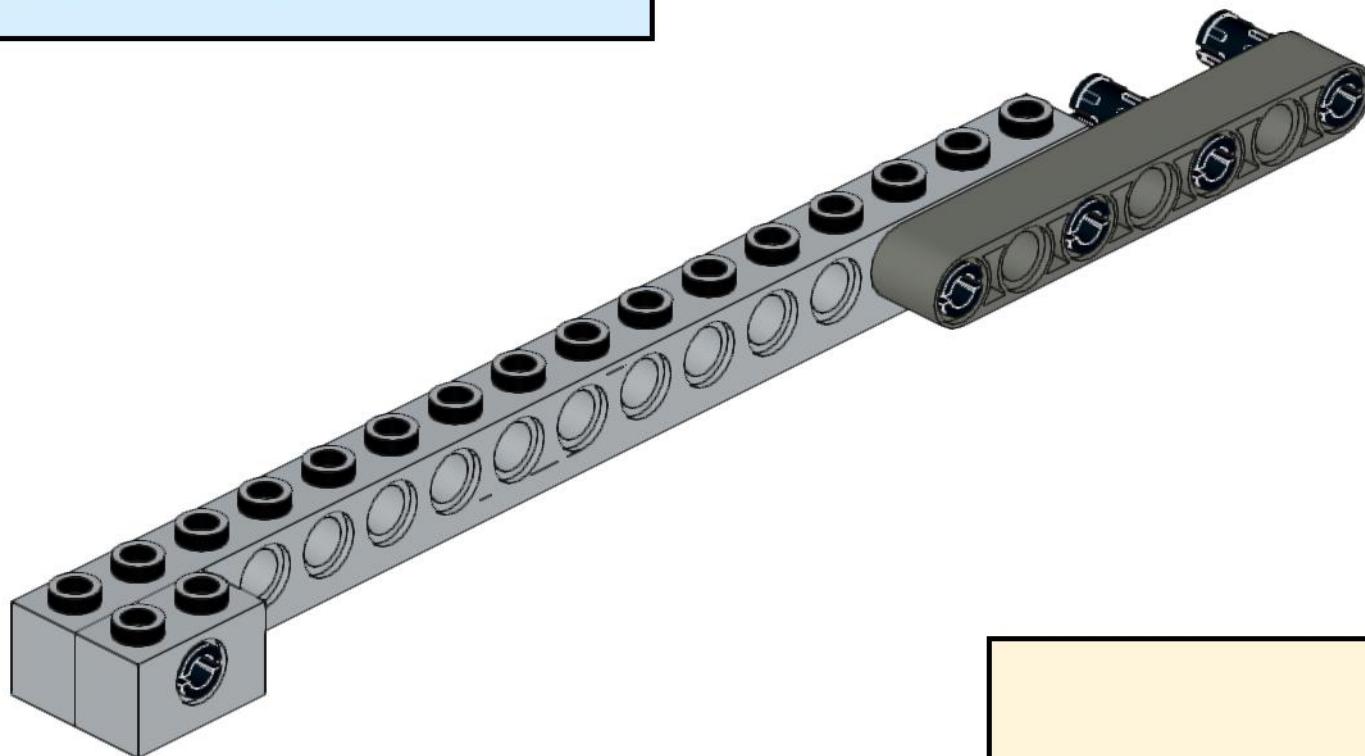
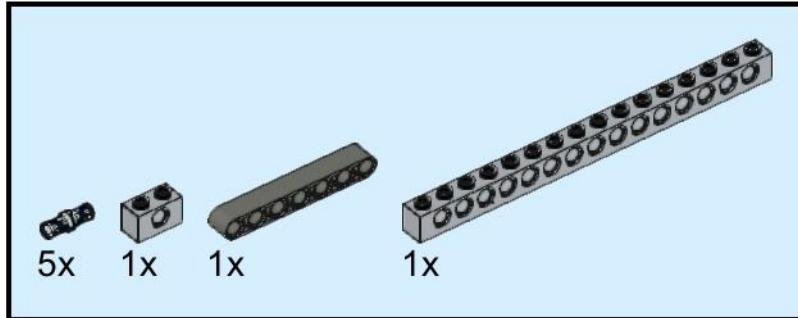


MOTIVATION

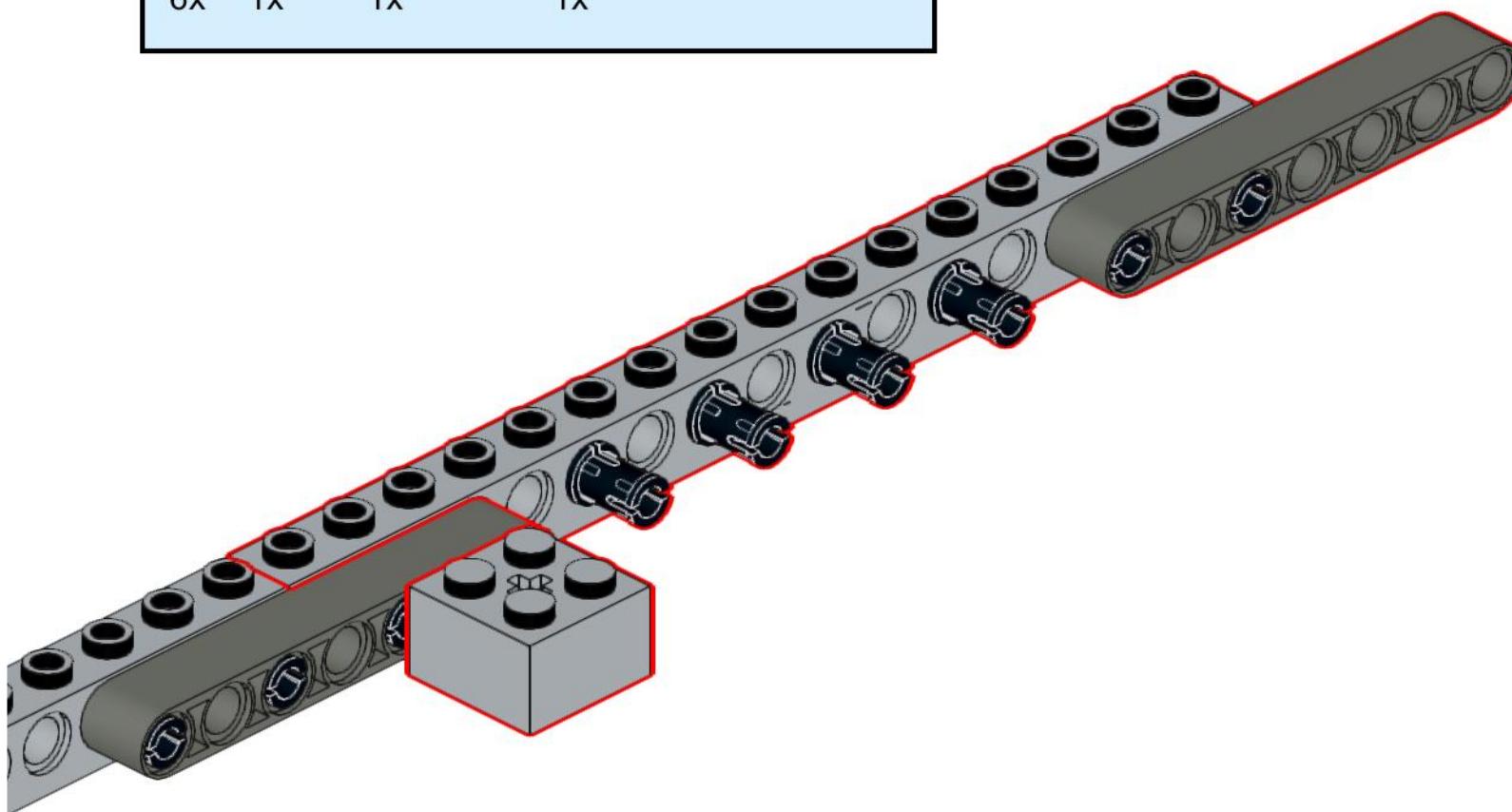
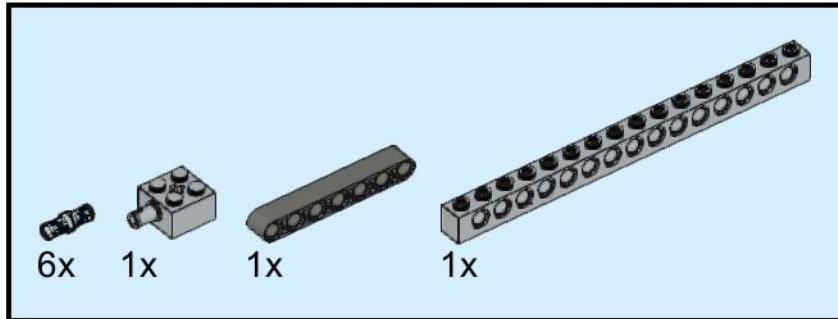
The 2019 Great Ball Pit Challenge was to build a module based around a rotating ring structure, able to move balls around the ring, in an "up and over" motion, similar to a ferris wheel.



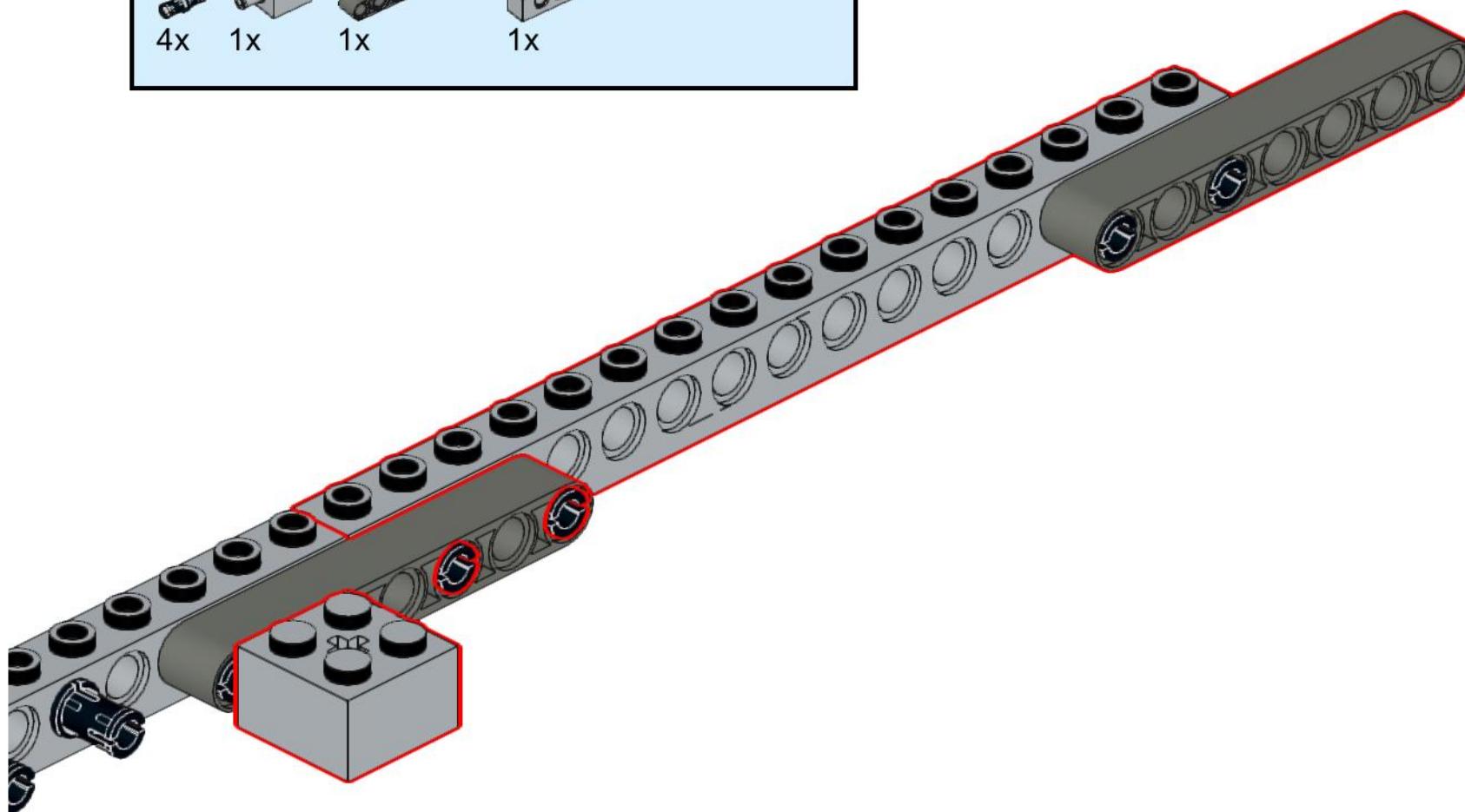
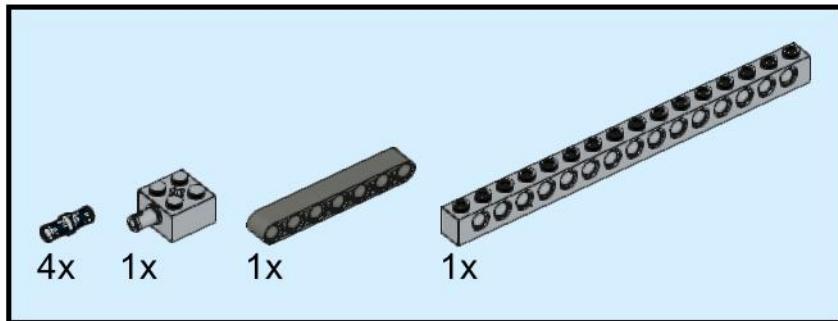
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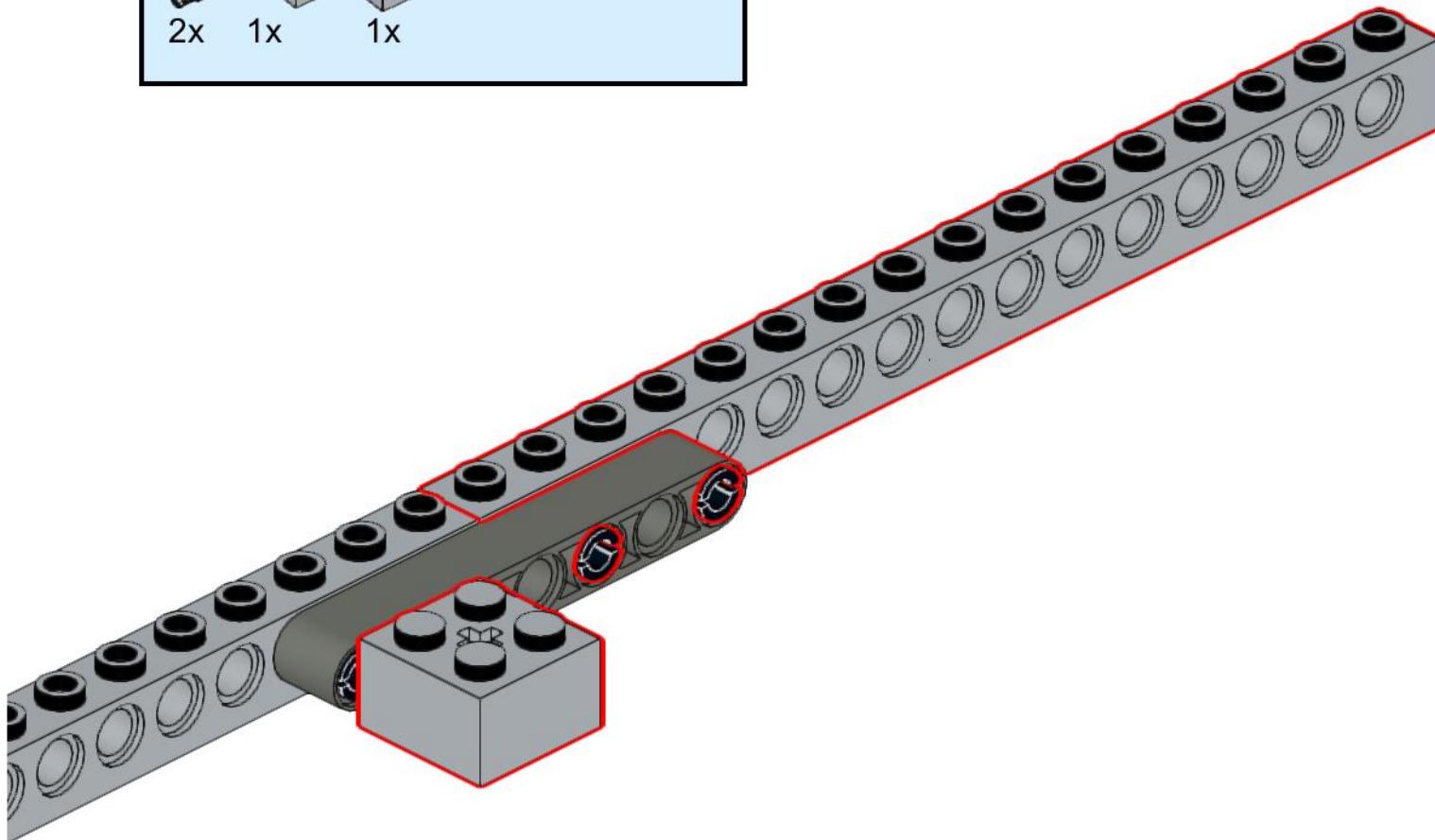
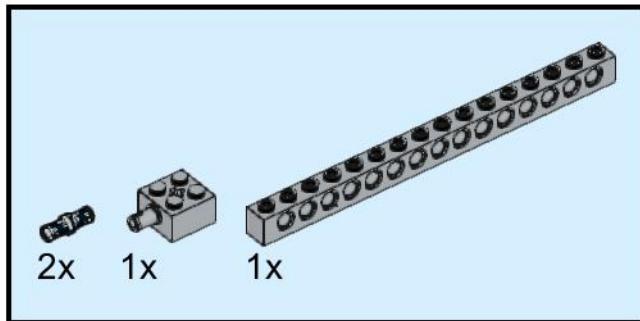
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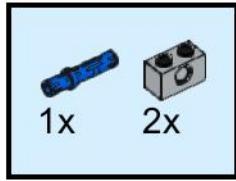
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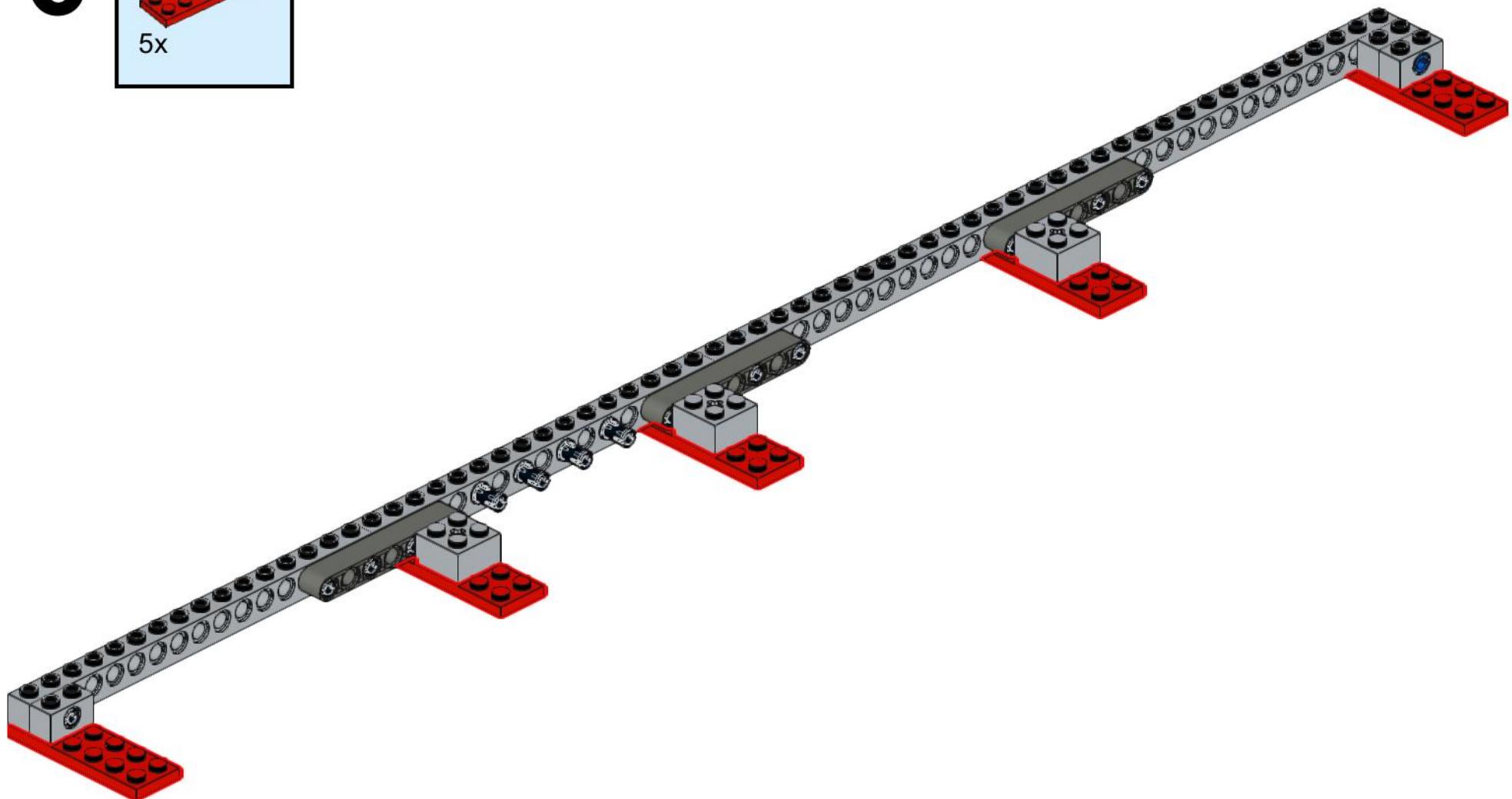
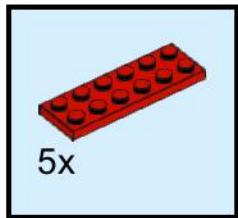
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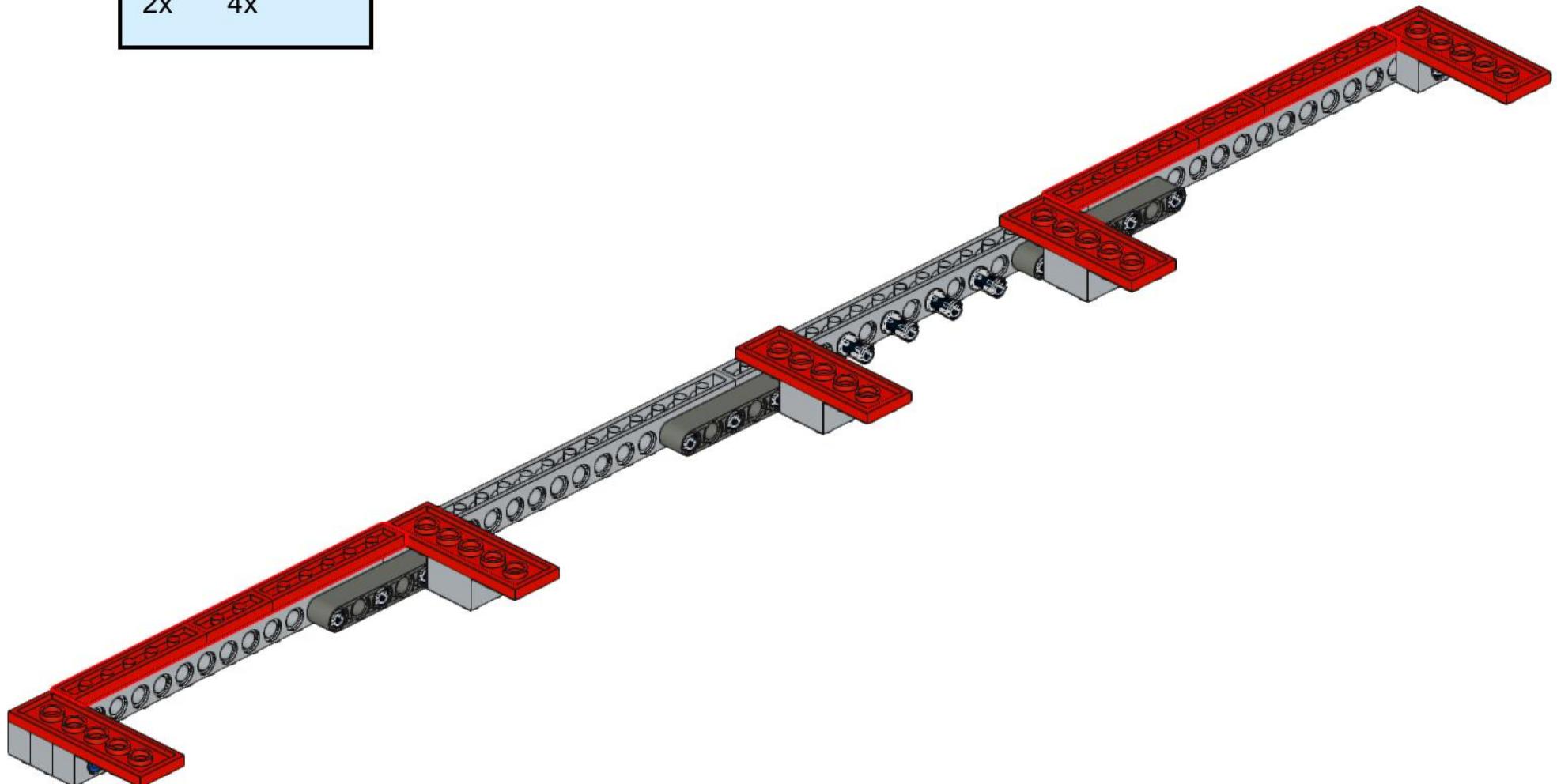
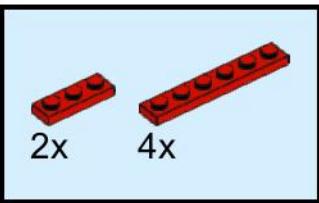
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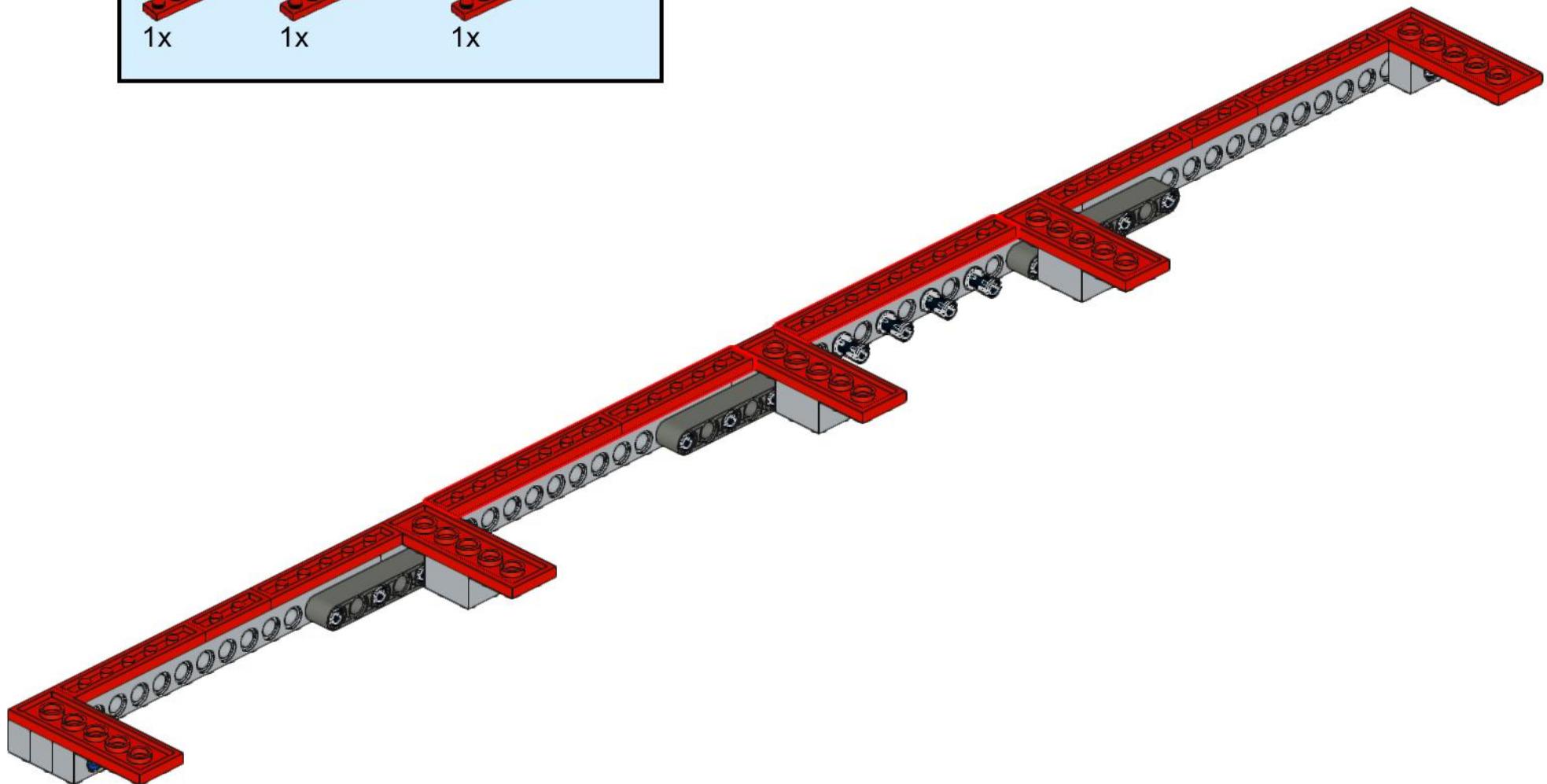
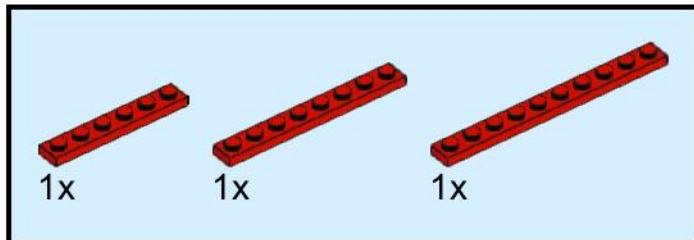
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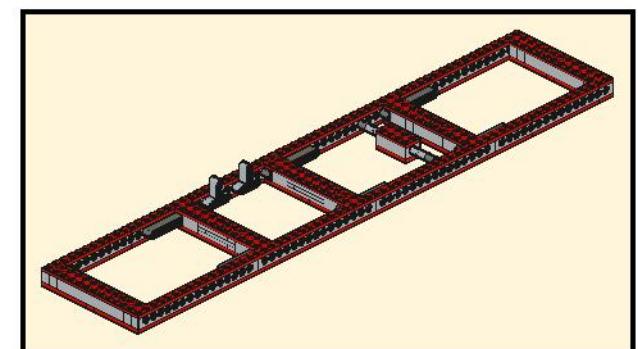
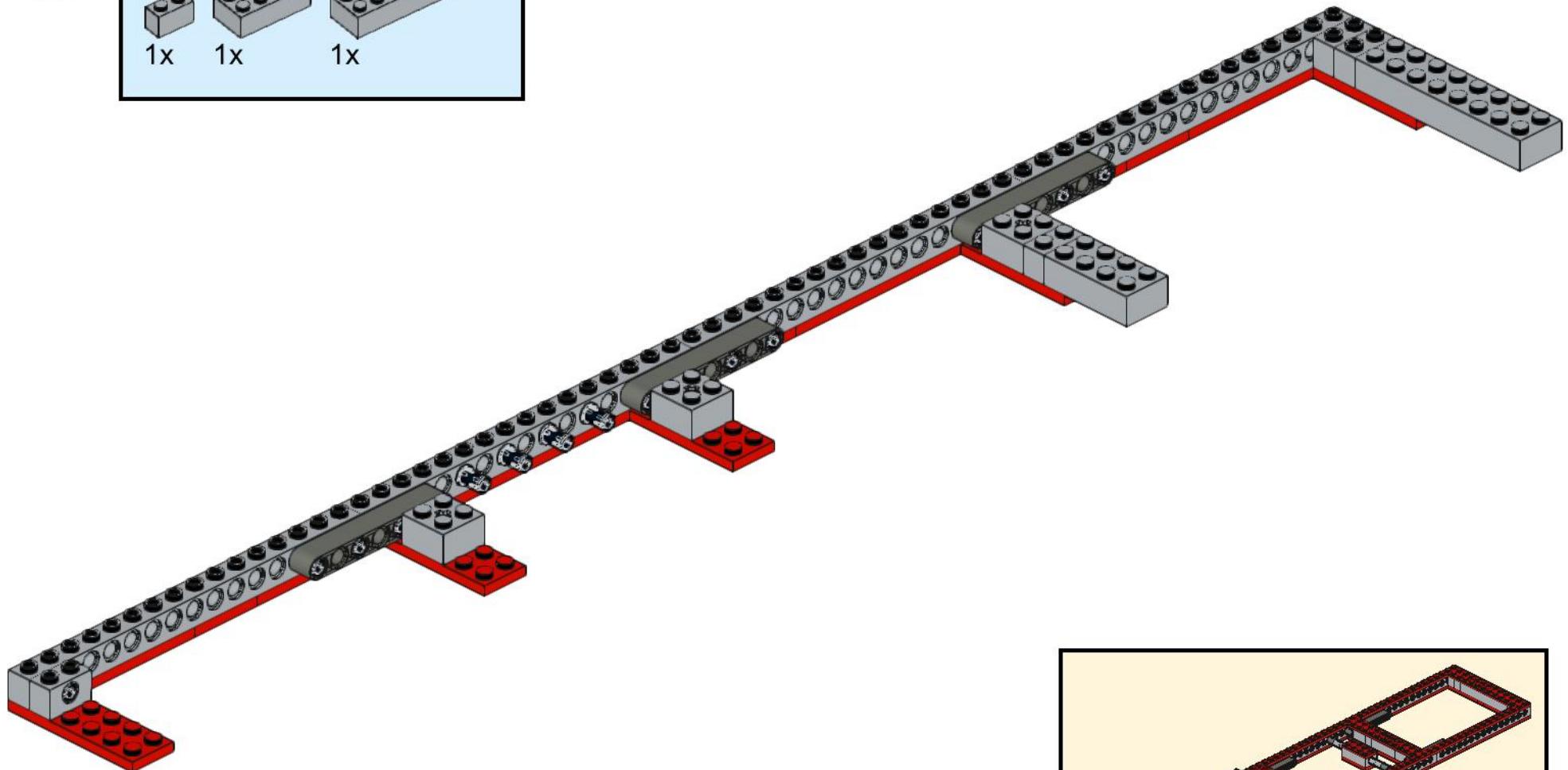
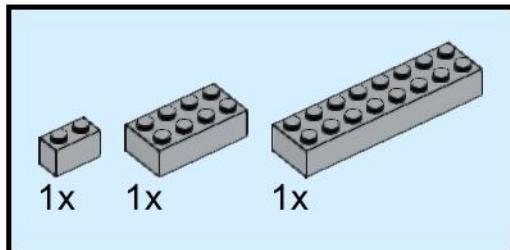
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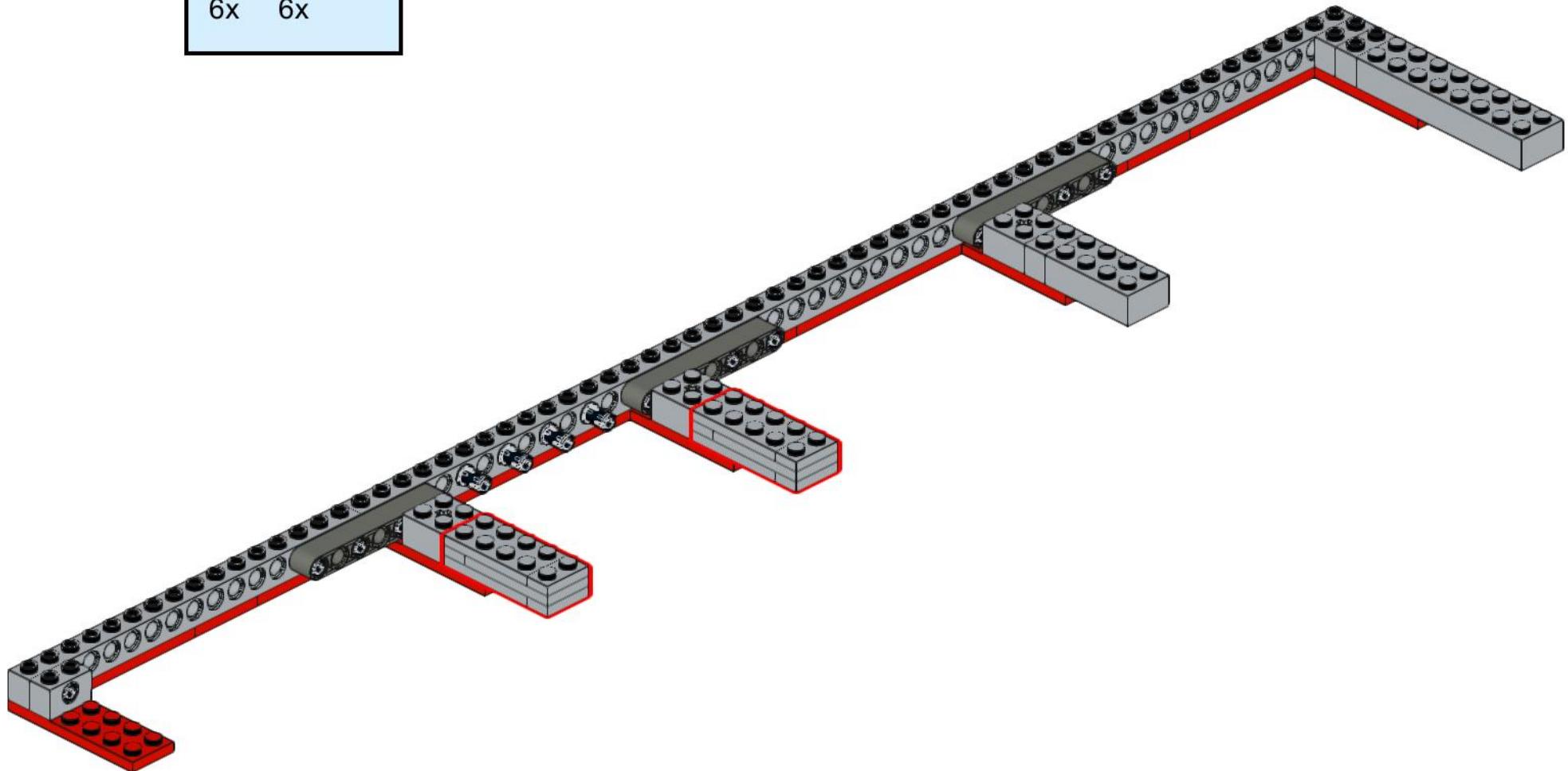
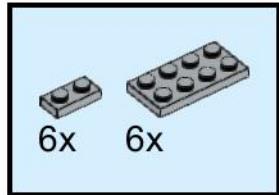
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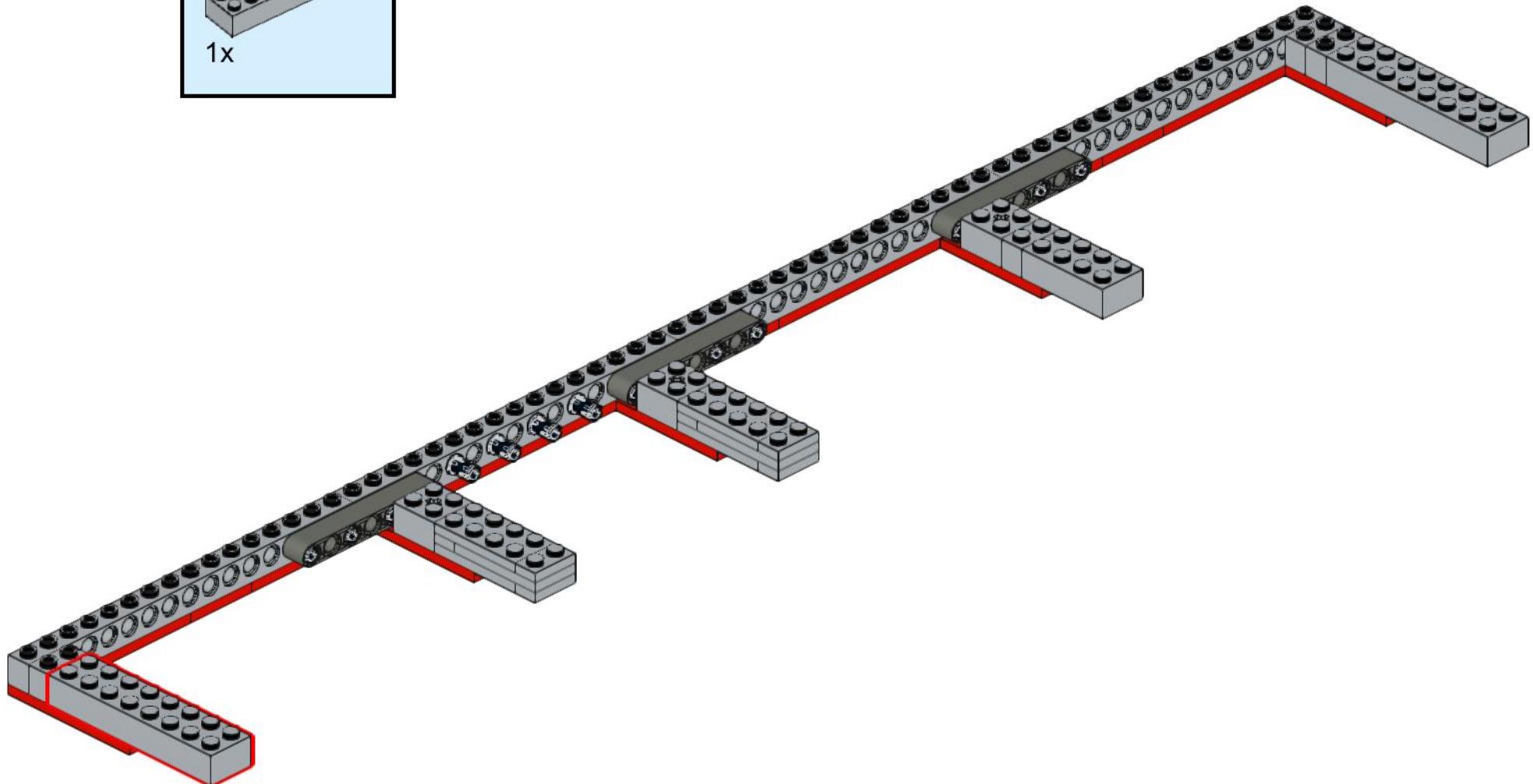
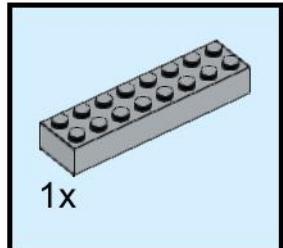
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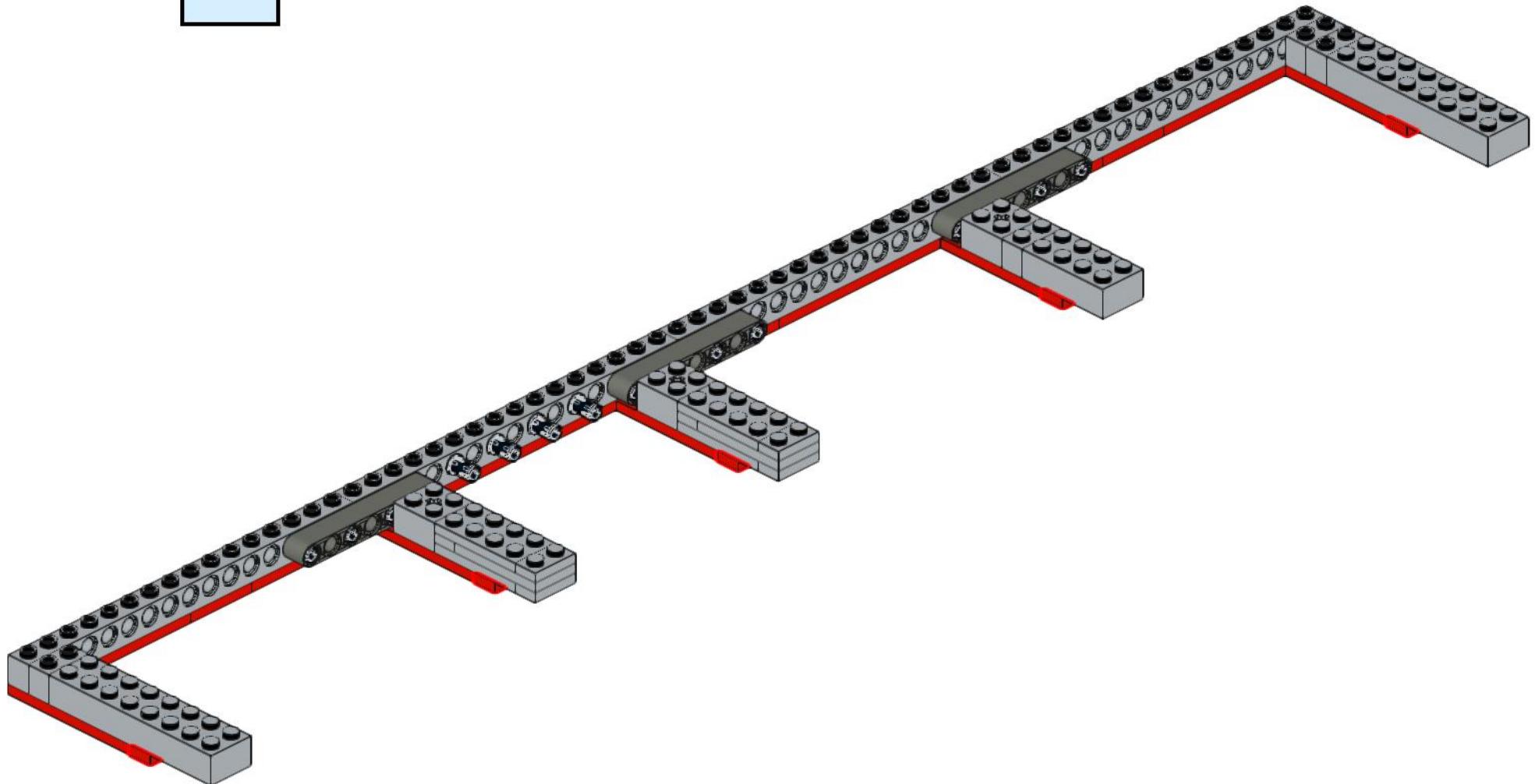
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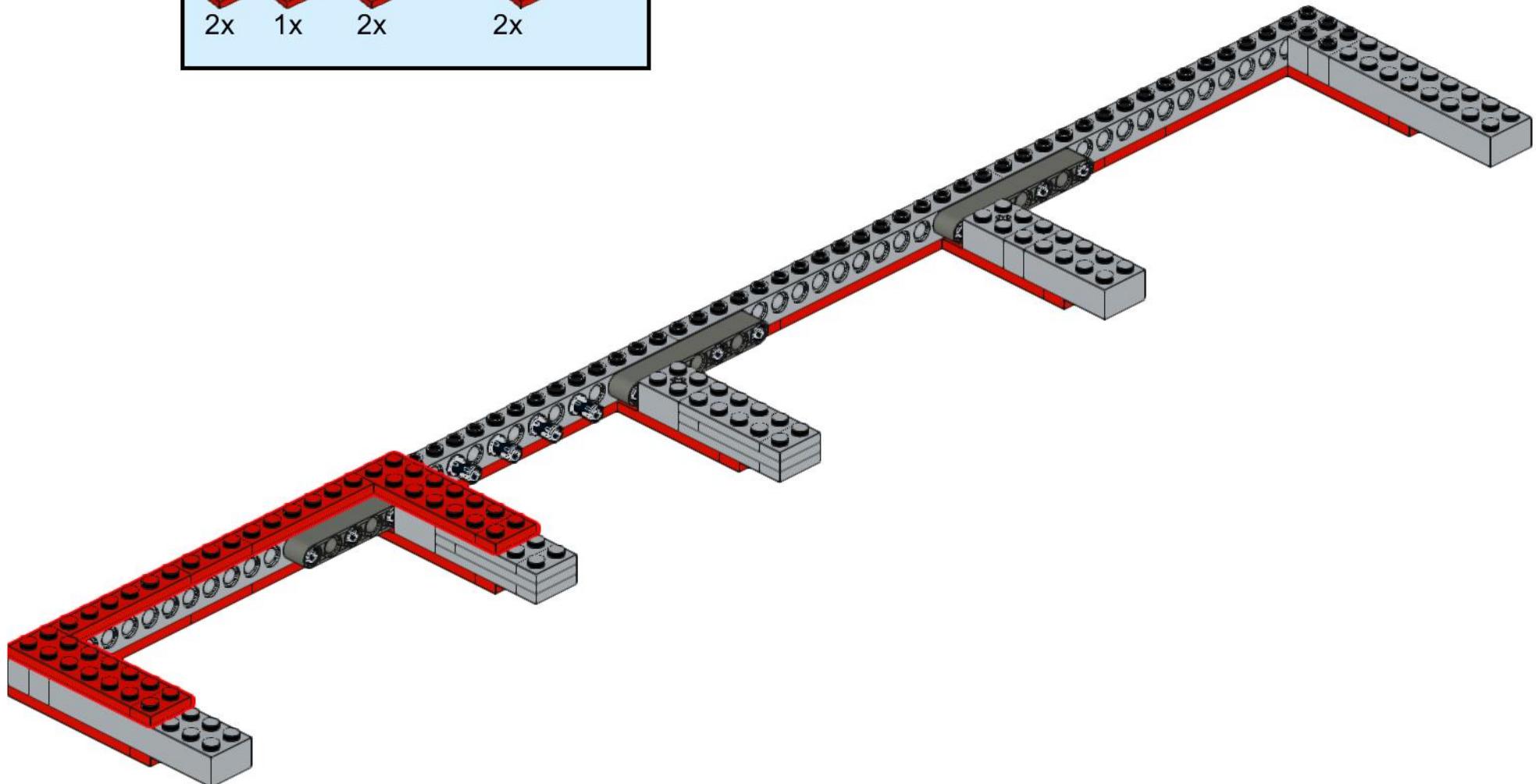
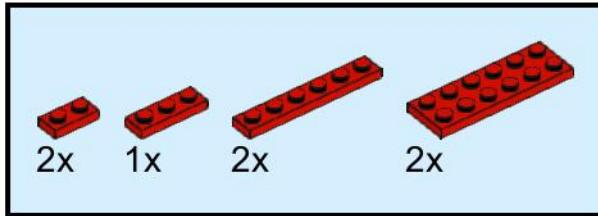
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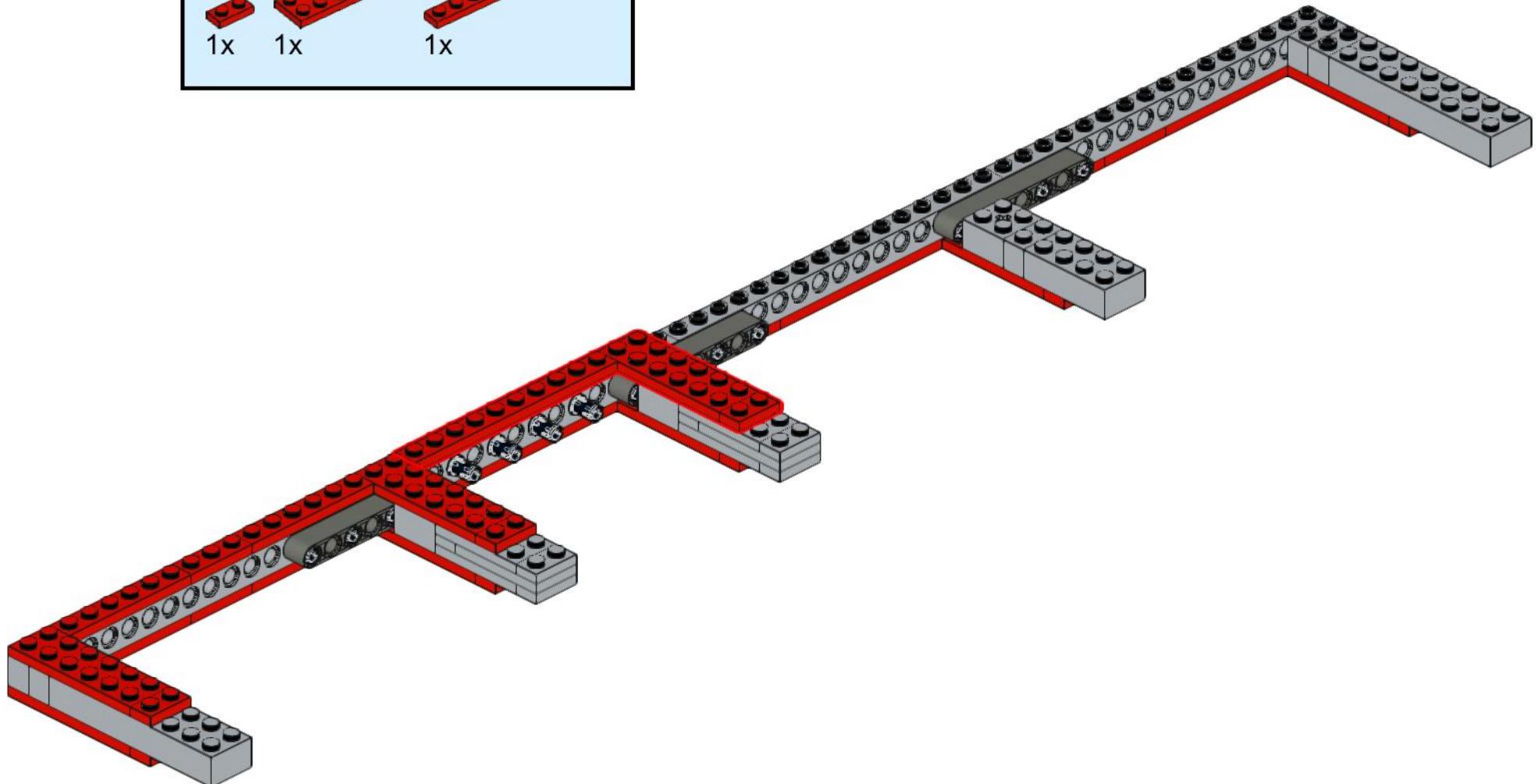
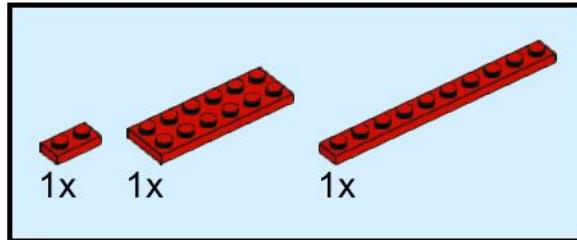
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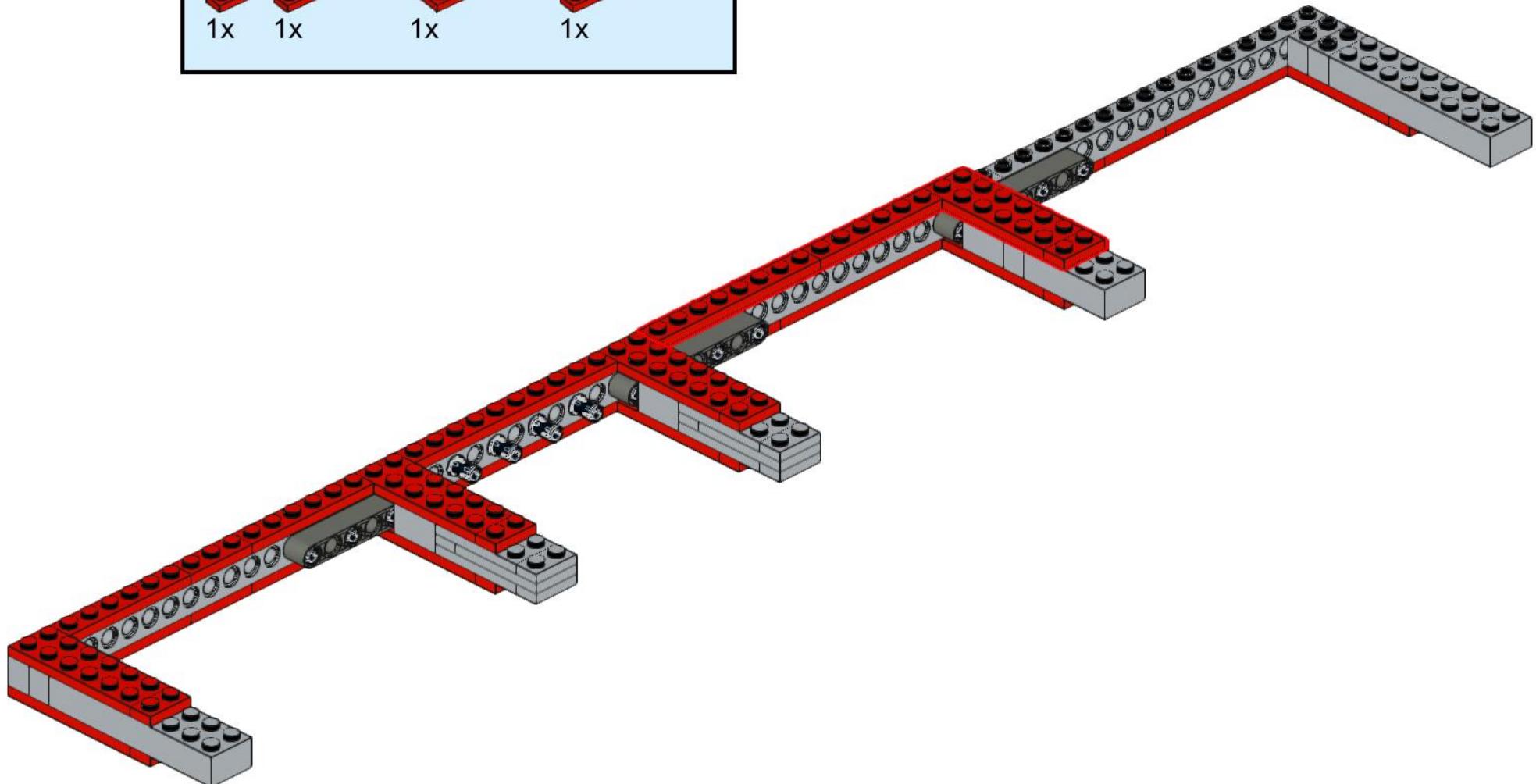
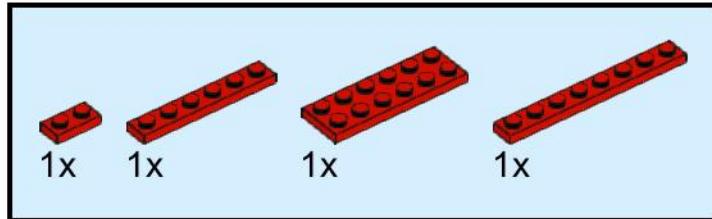
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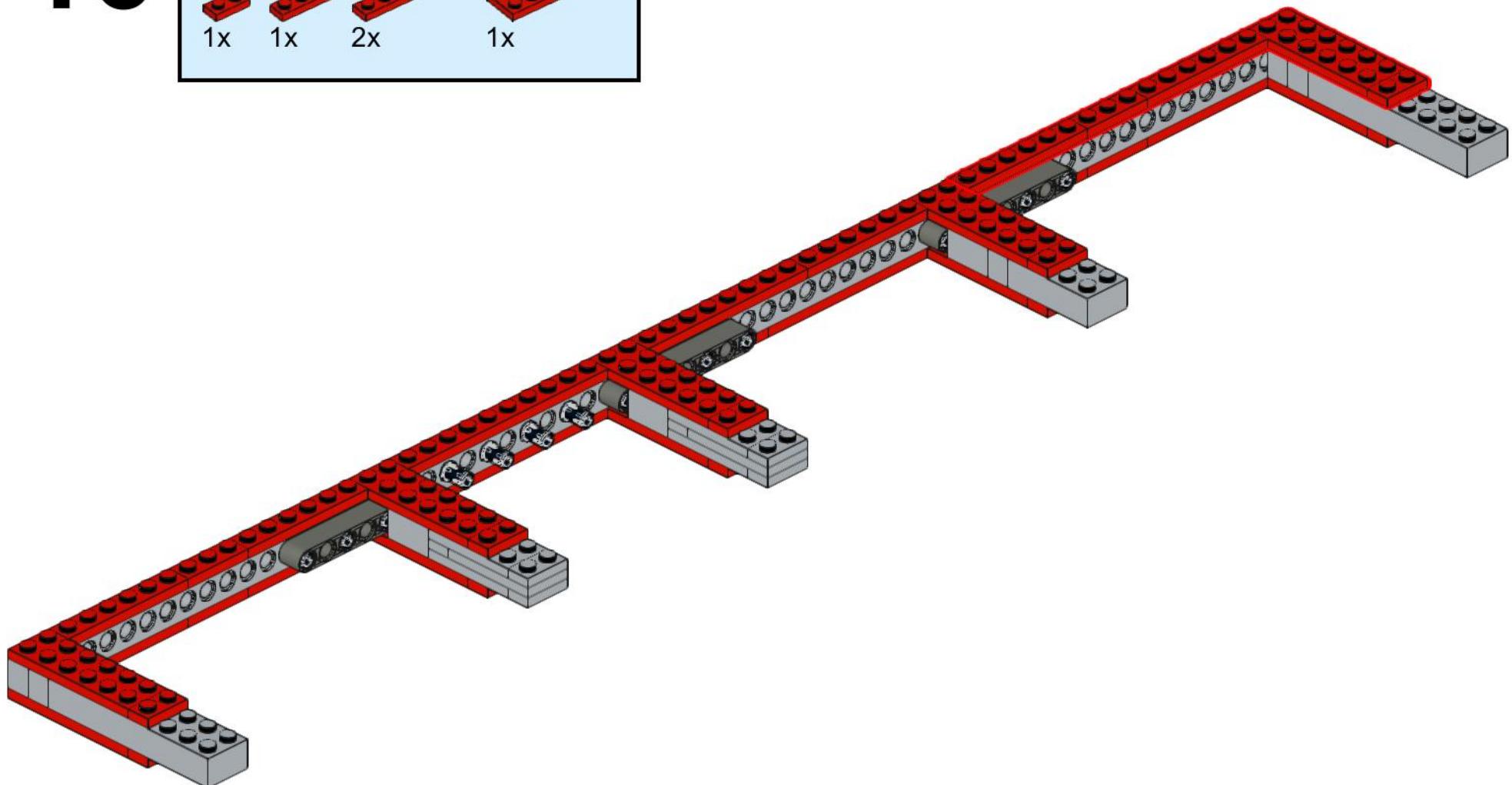
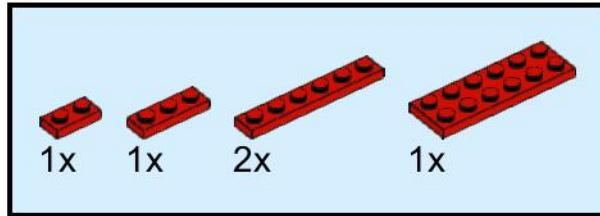
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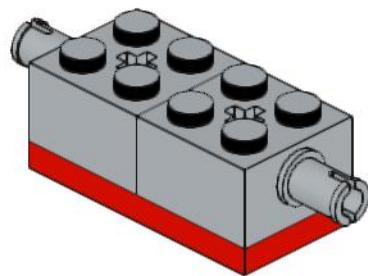
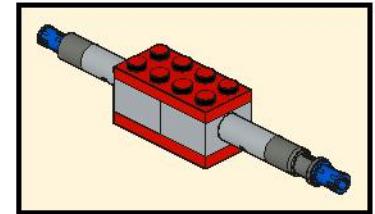
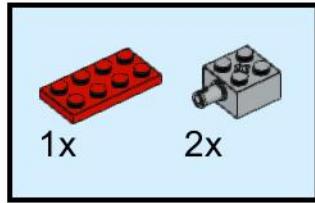
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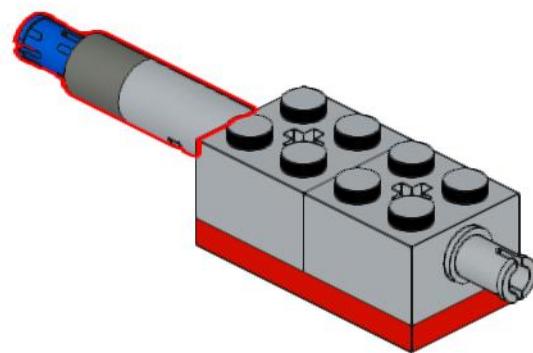
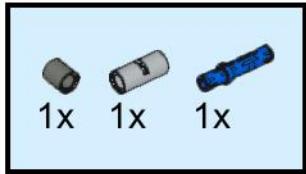
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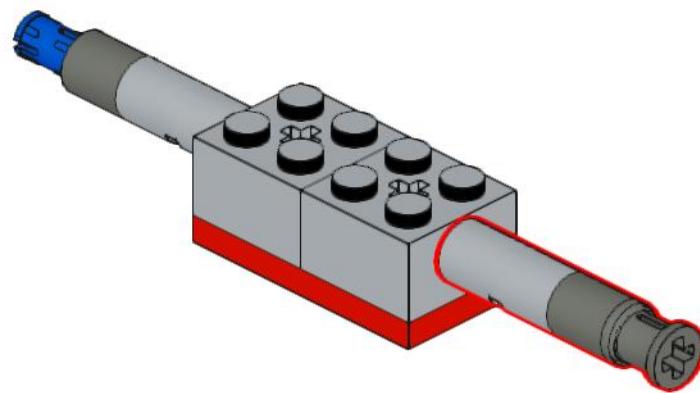
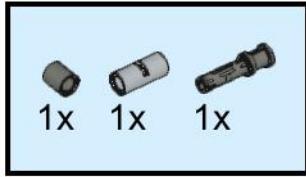
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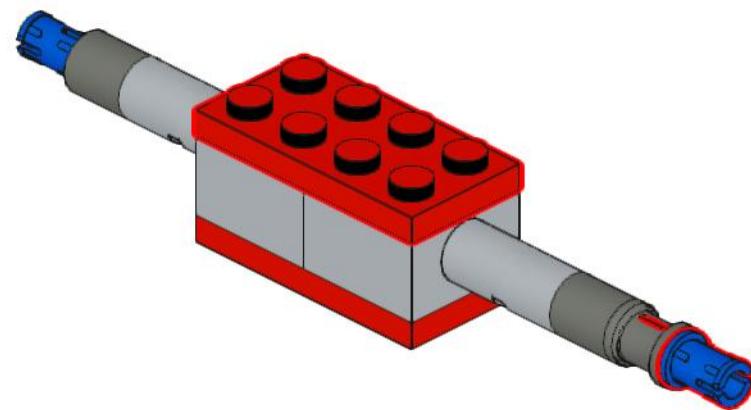
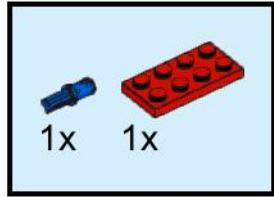
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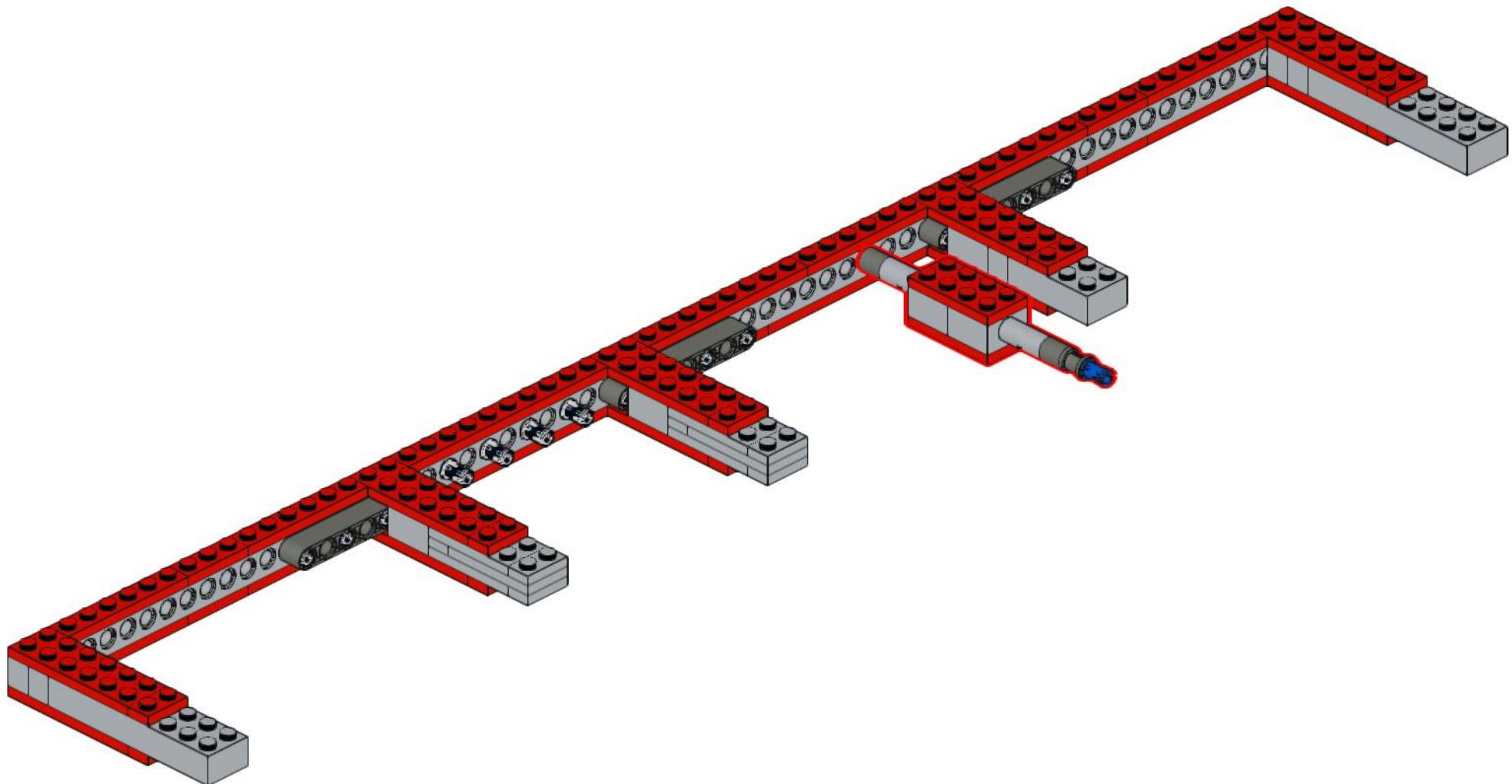
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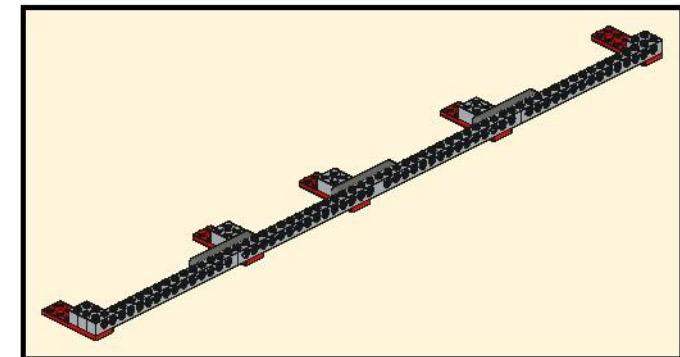
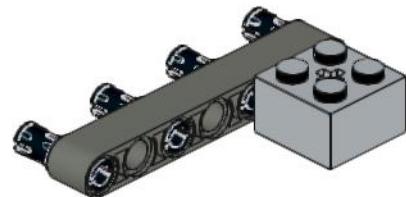
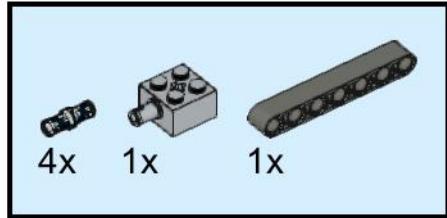
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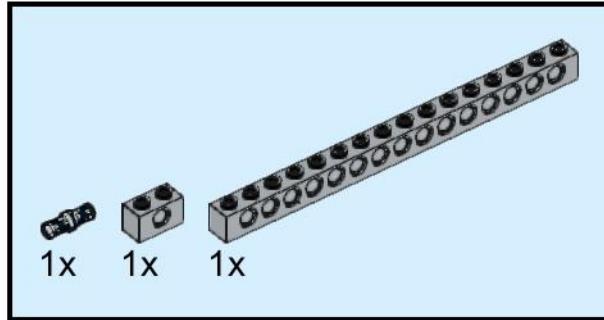
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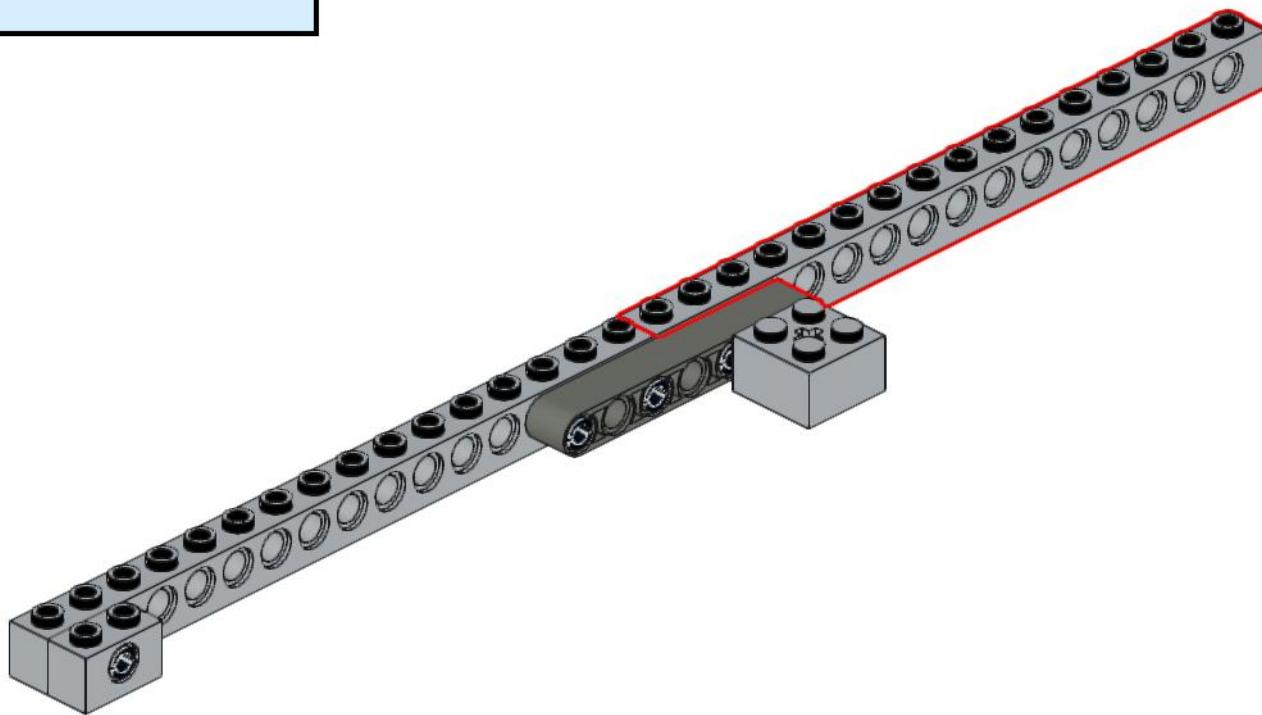
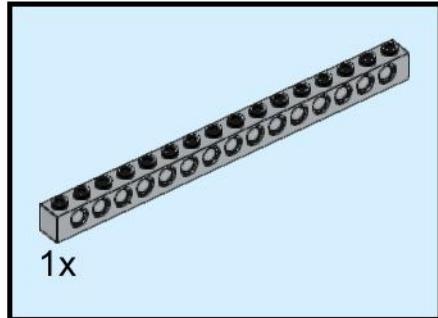
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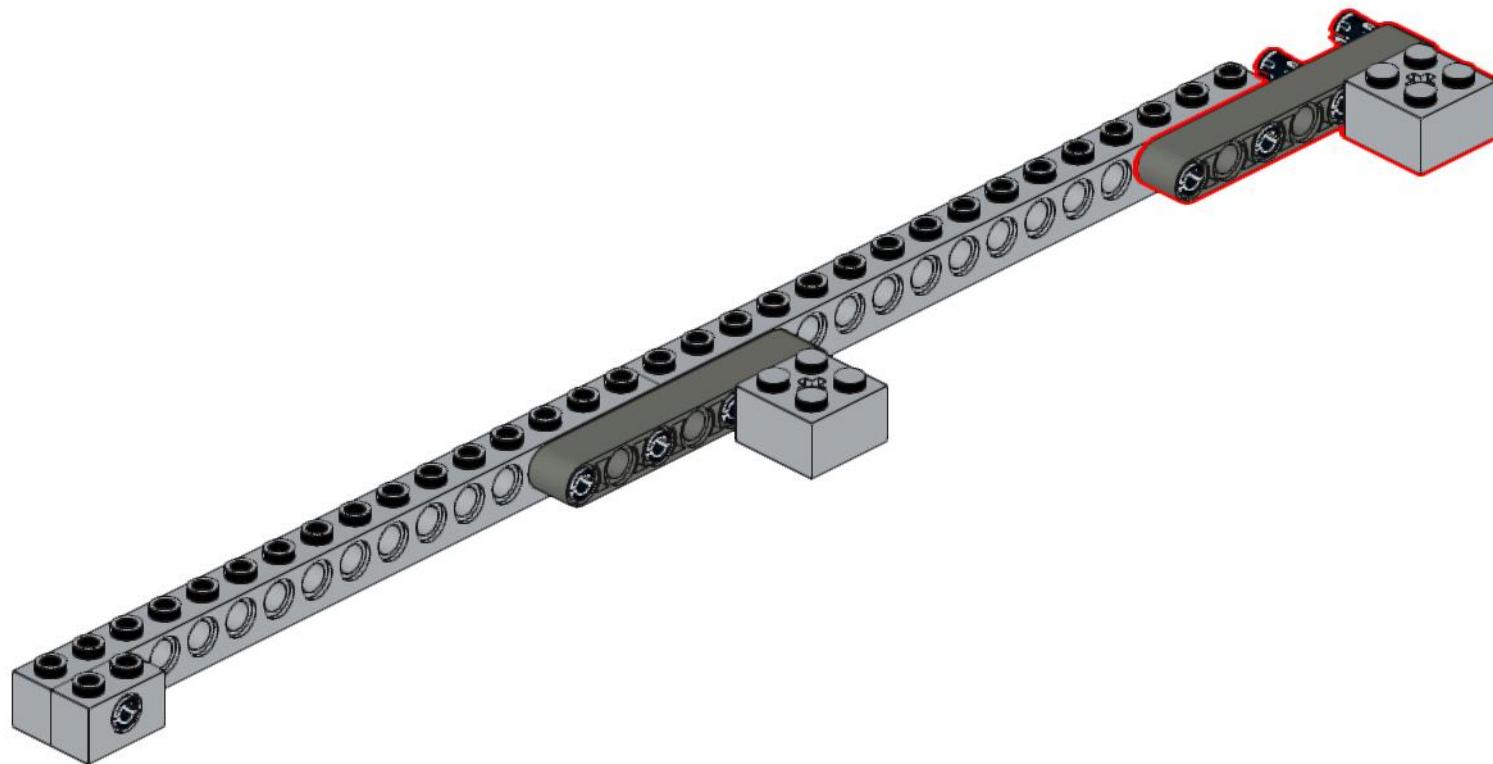
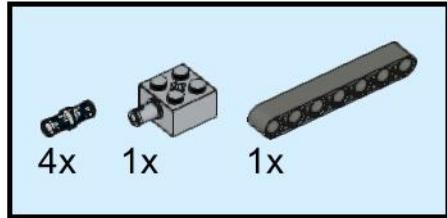
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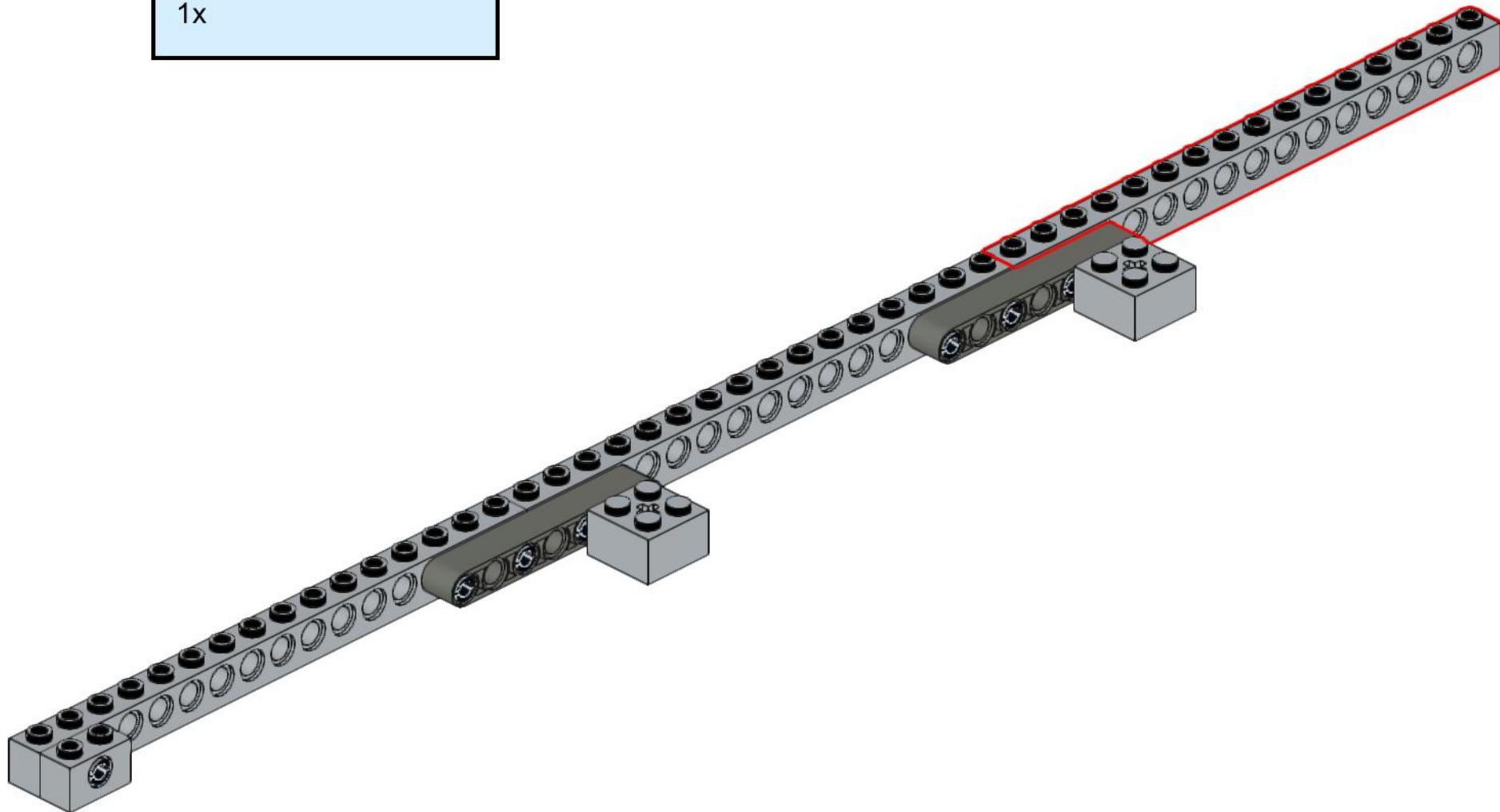
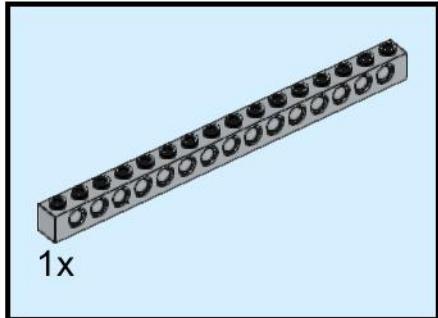
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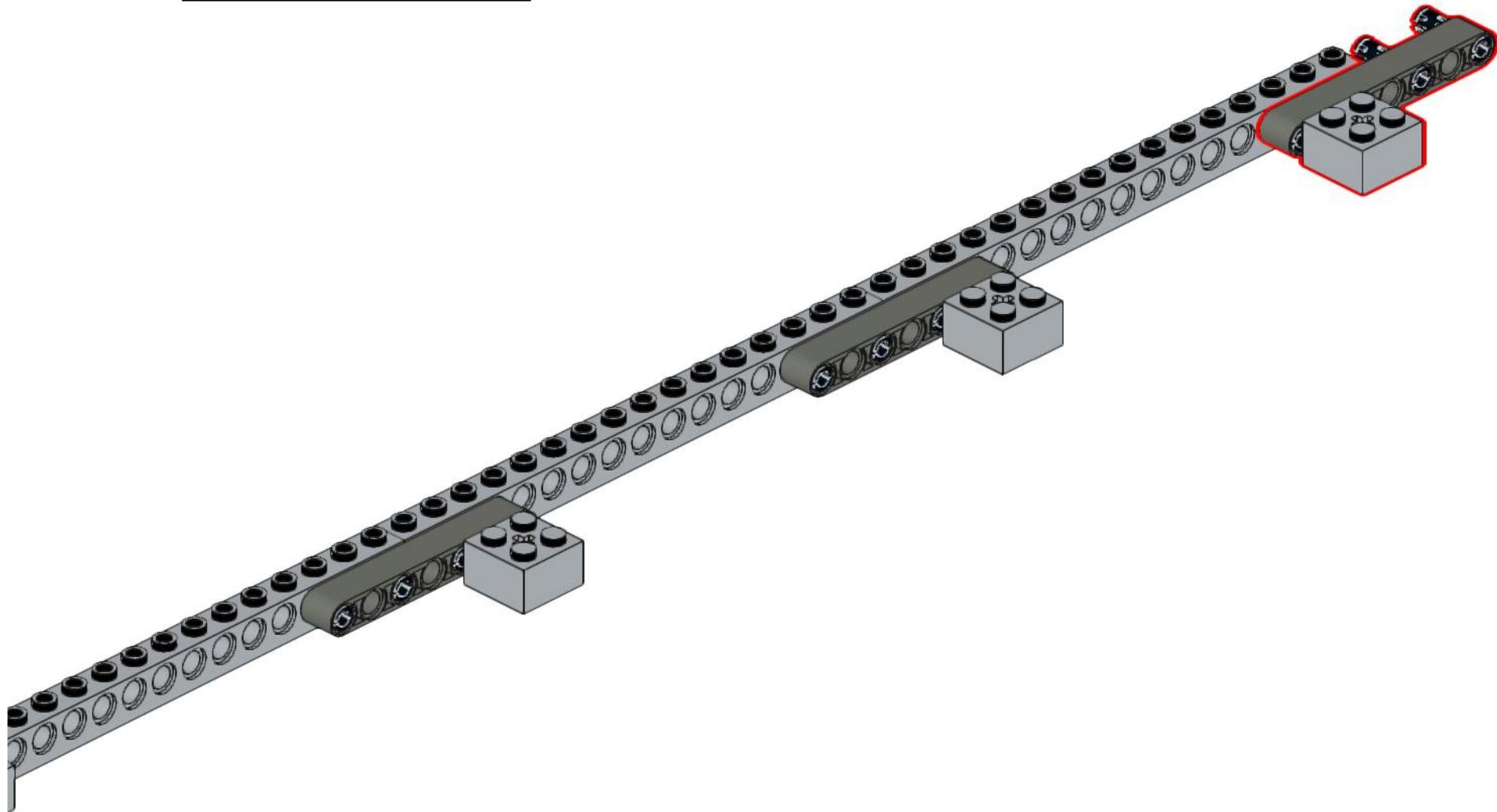
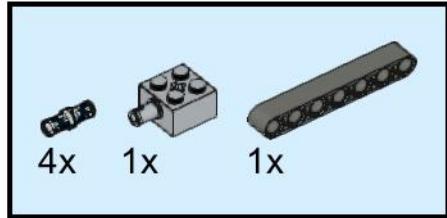
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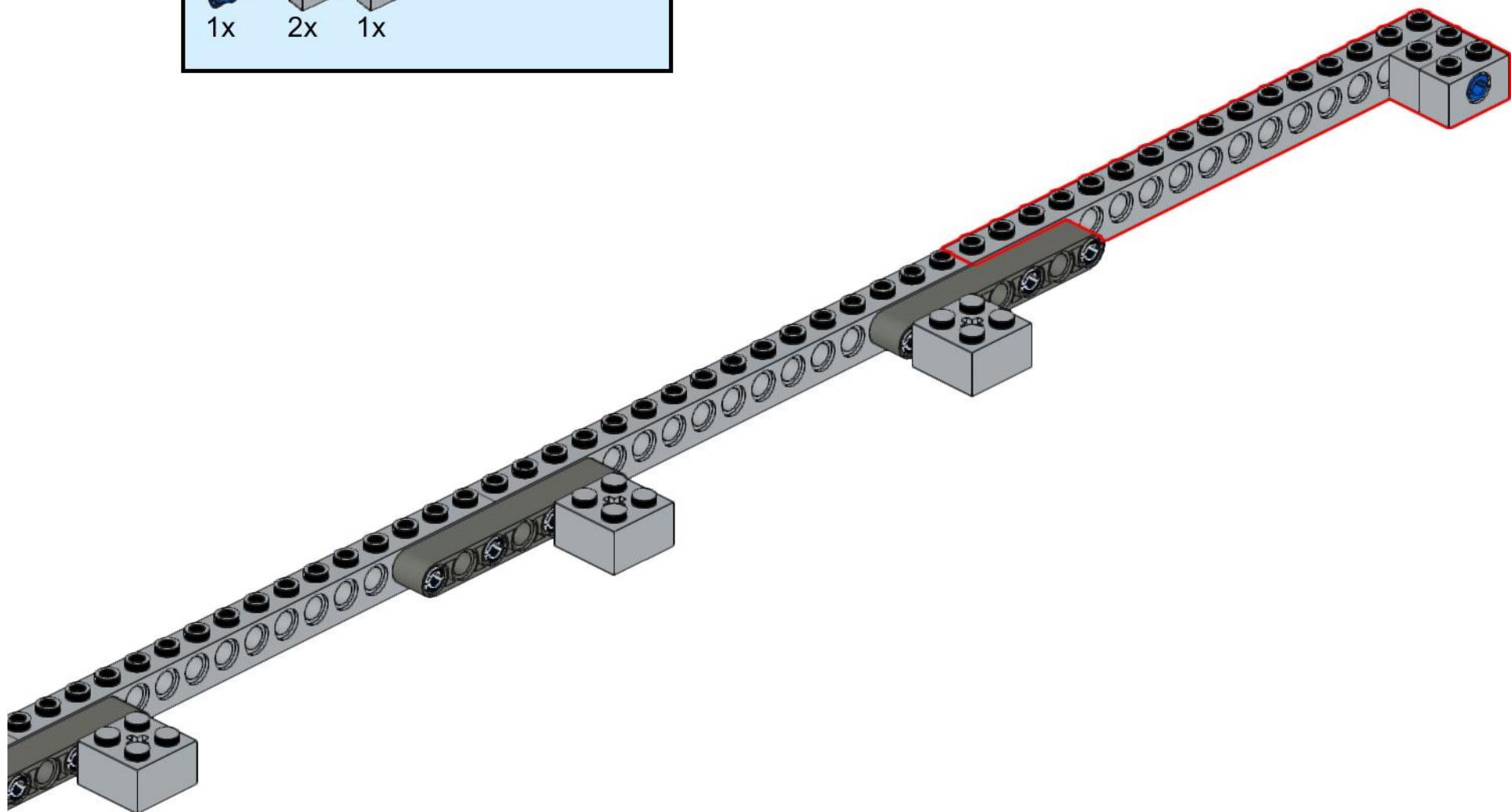
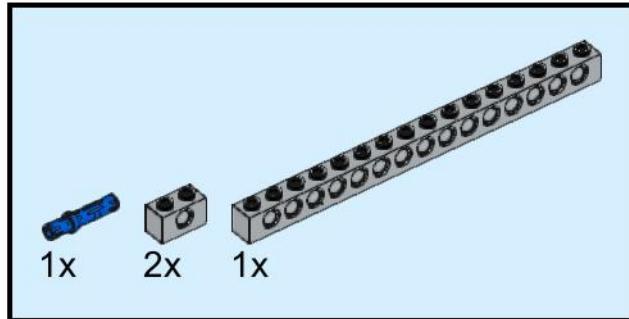
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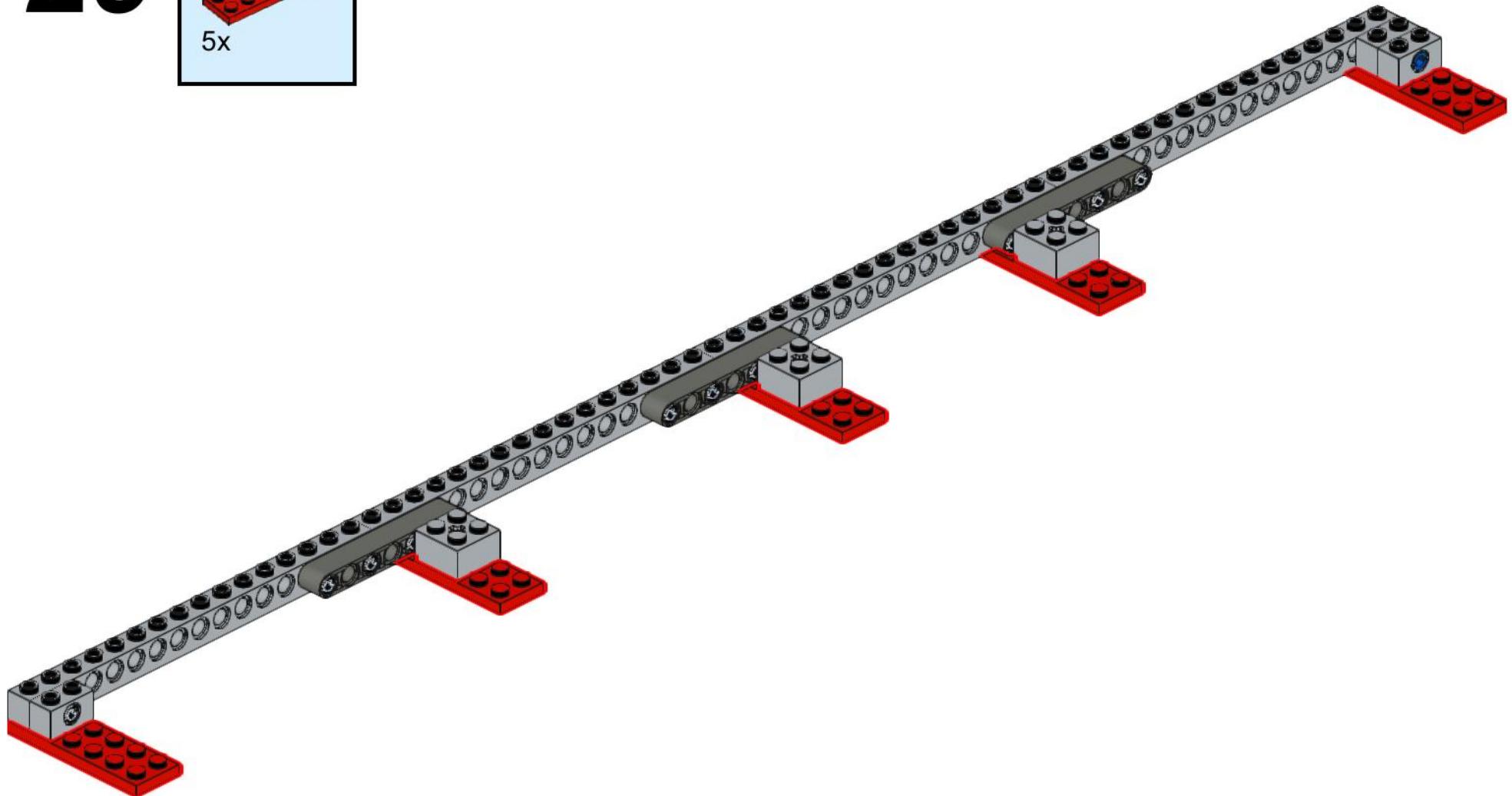
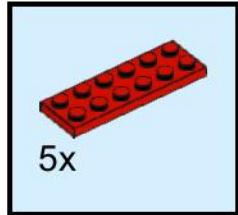
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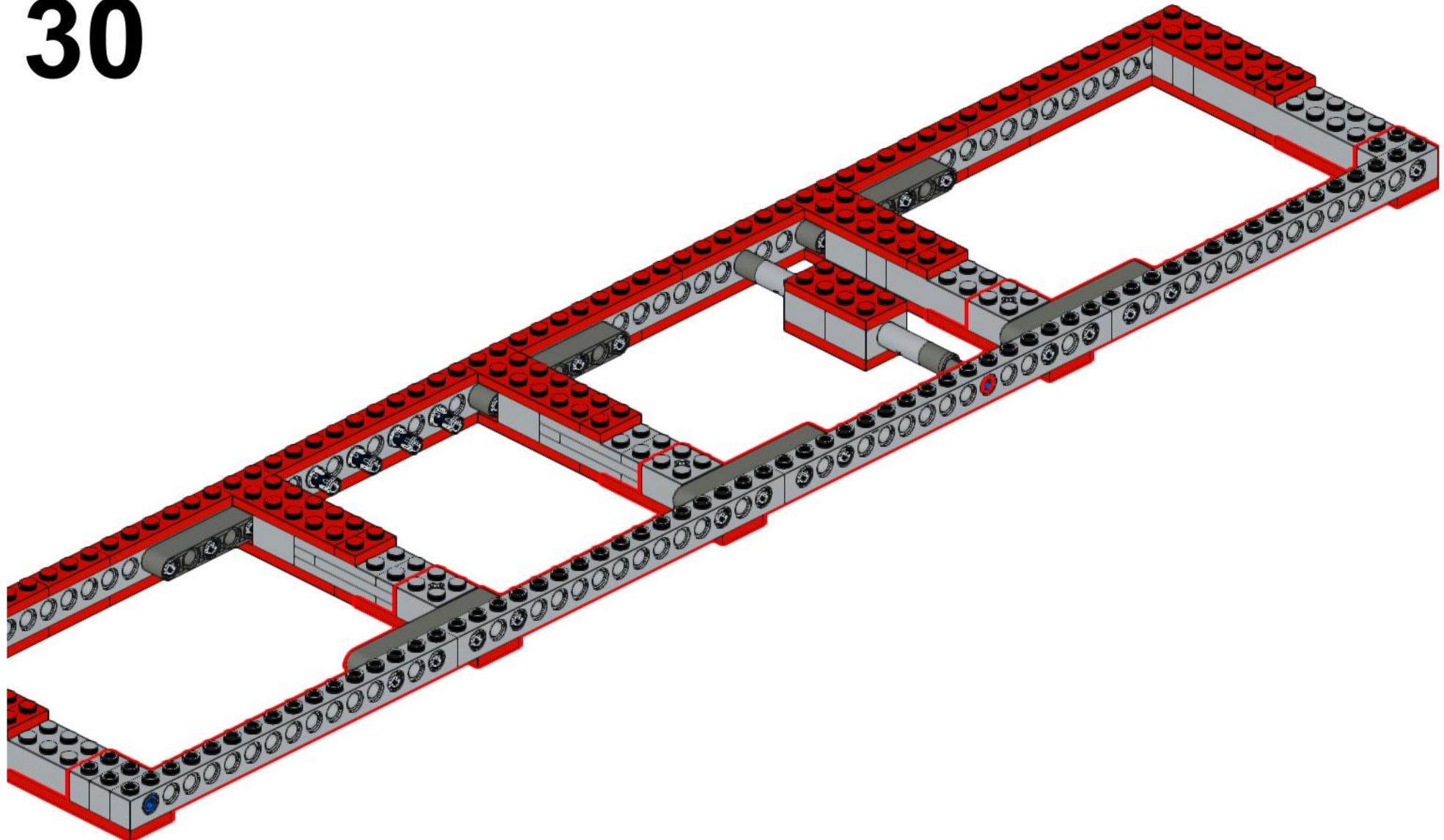
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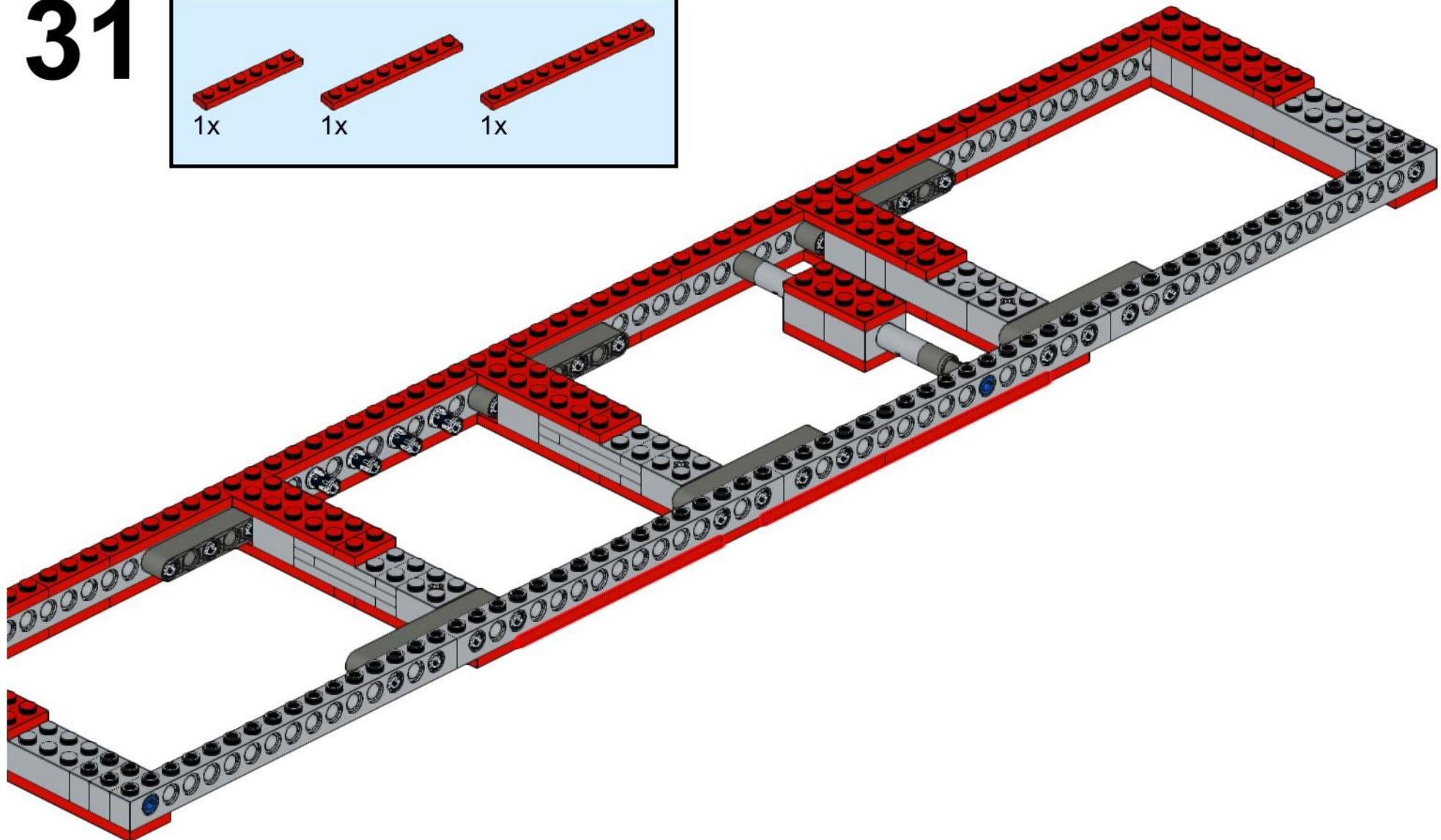
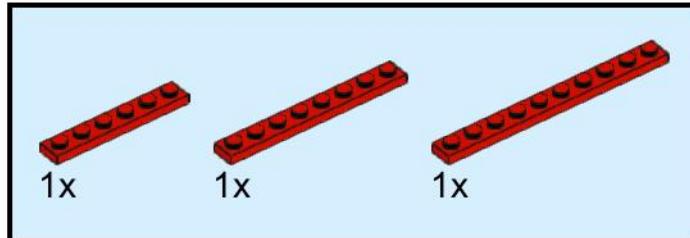
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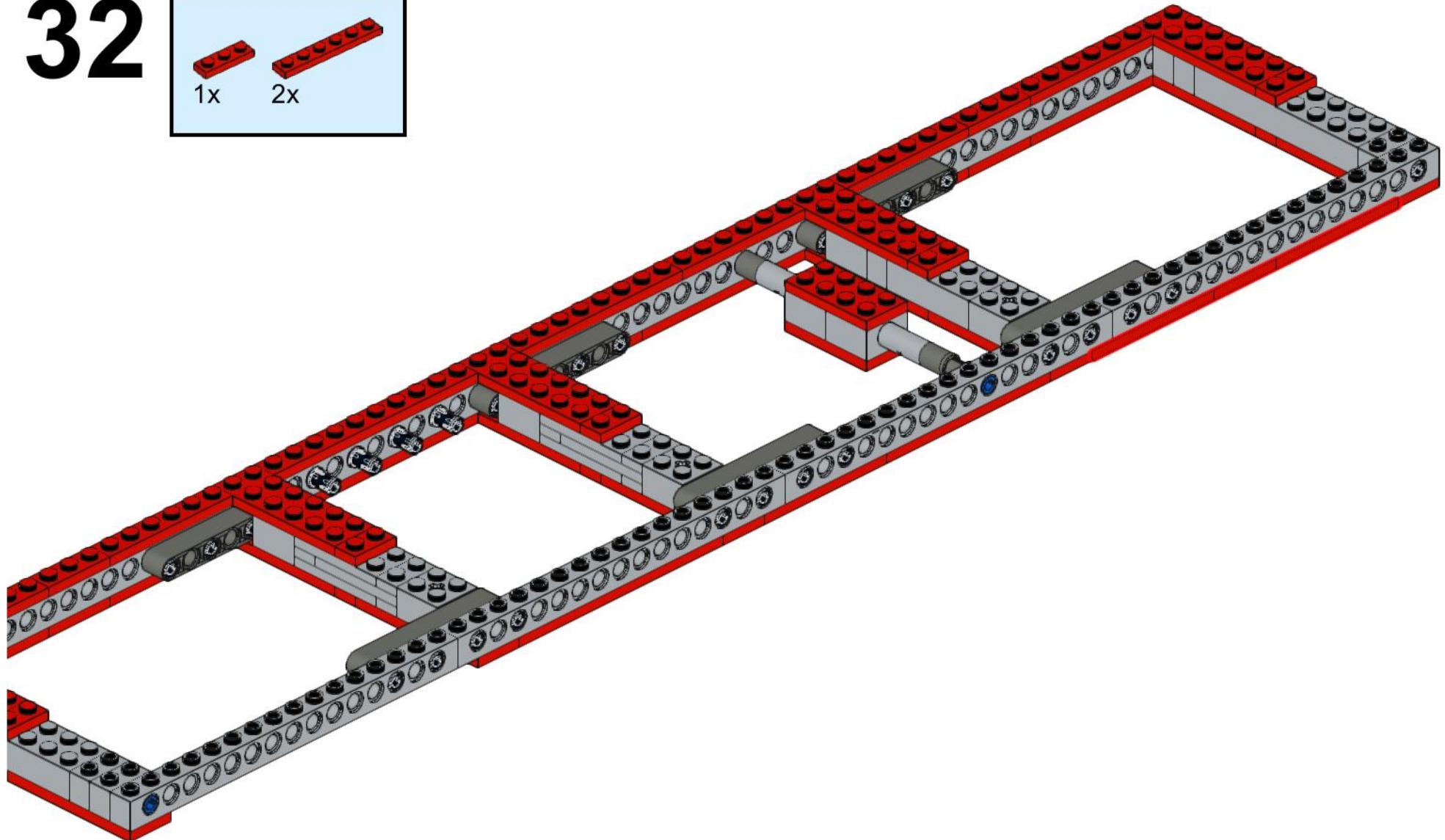
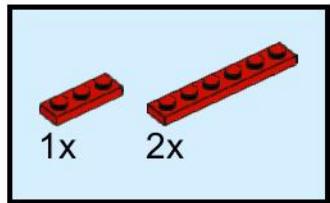
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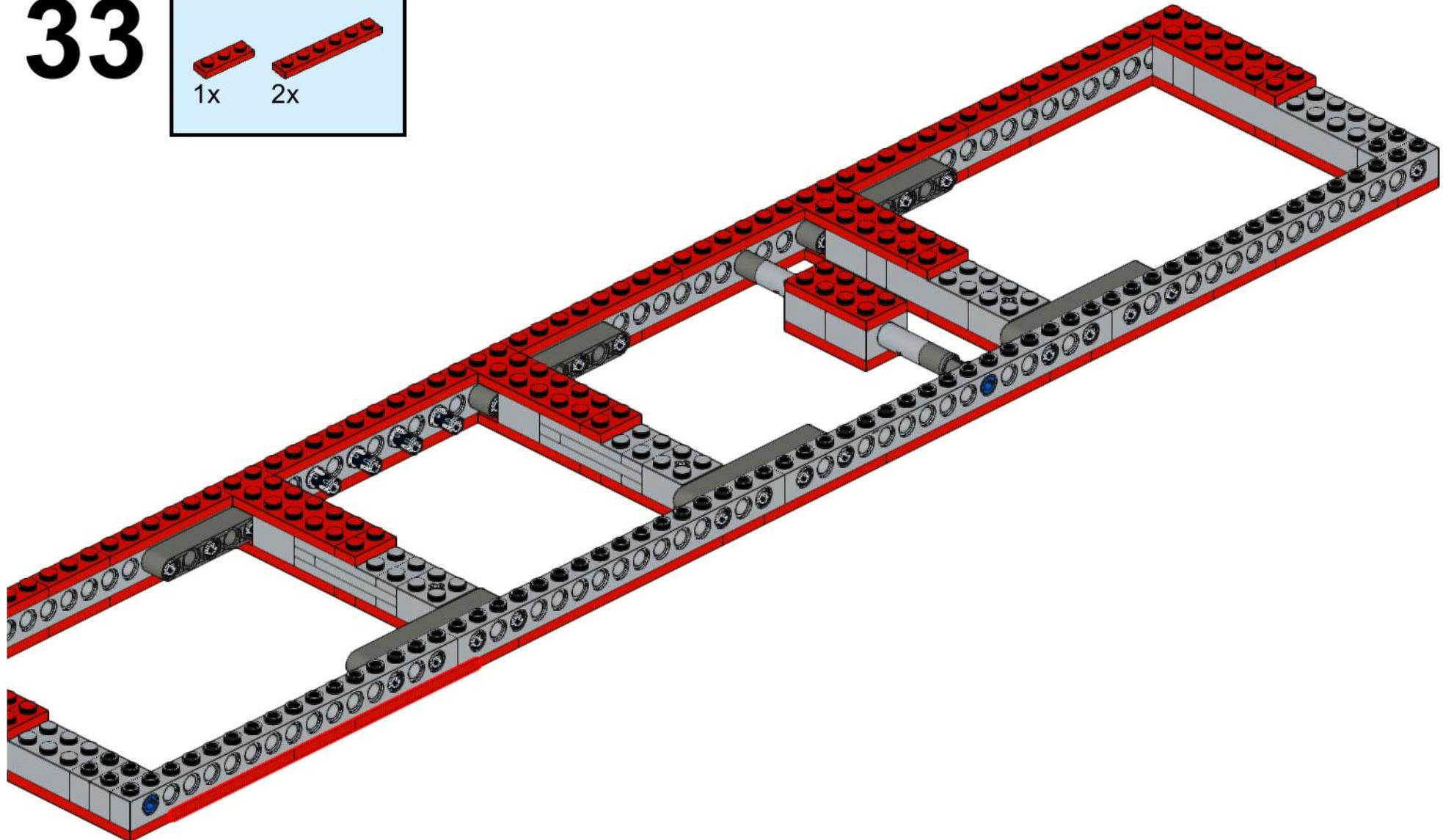
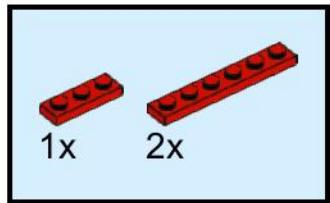
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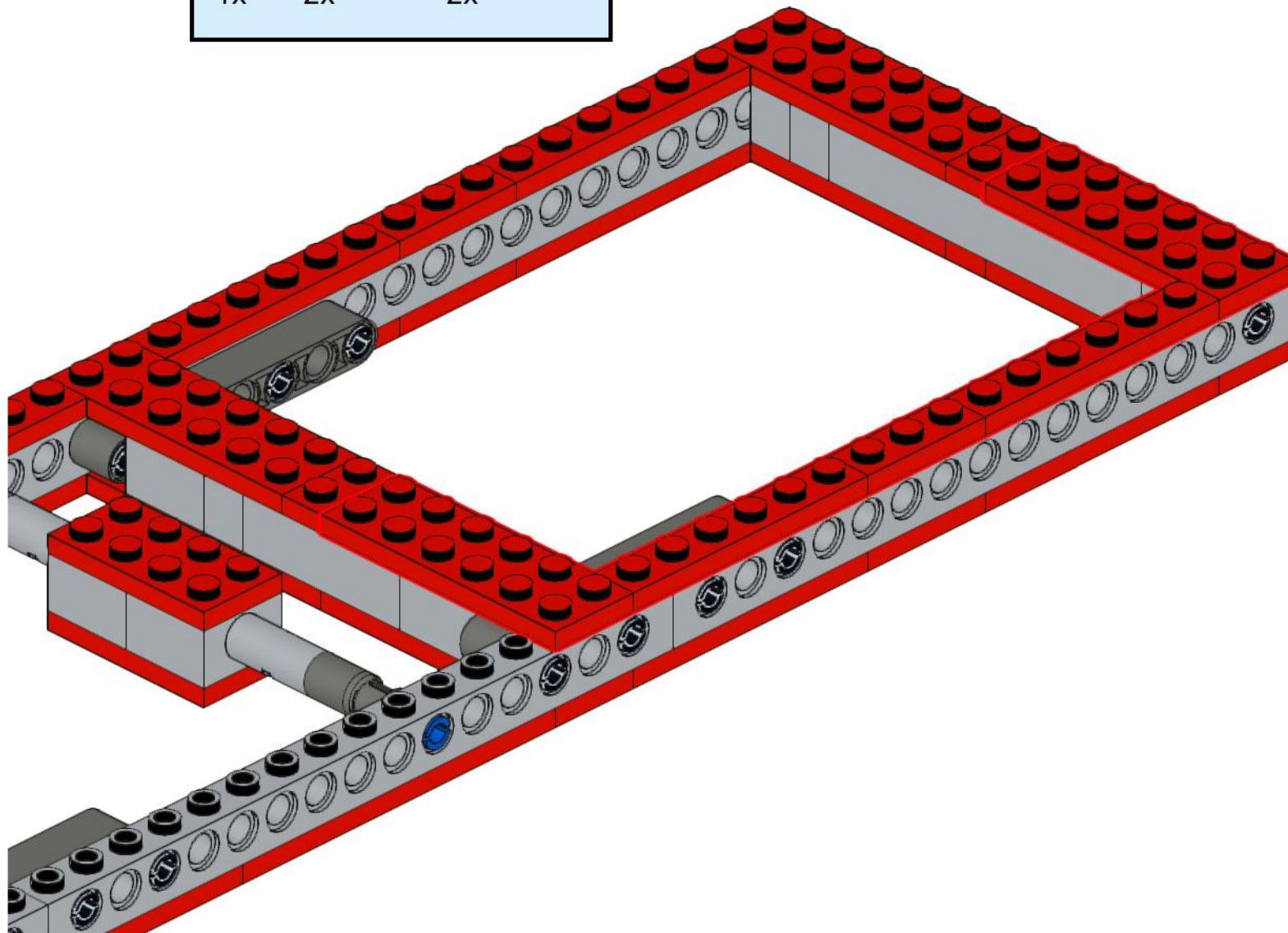
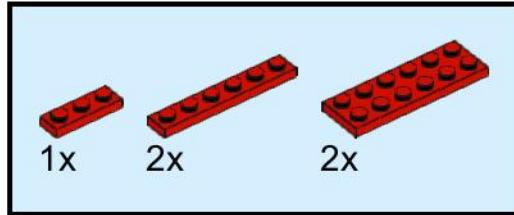
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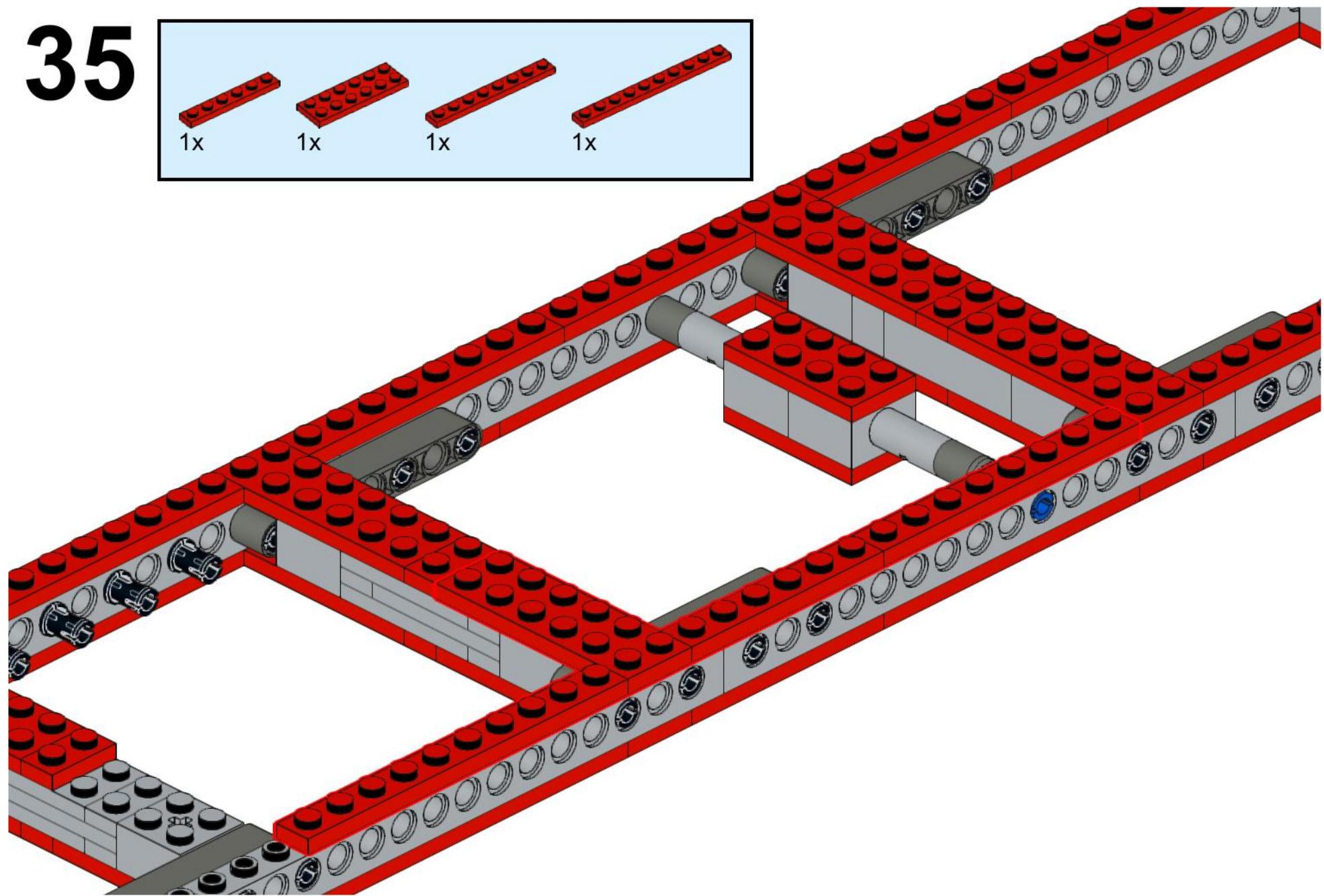
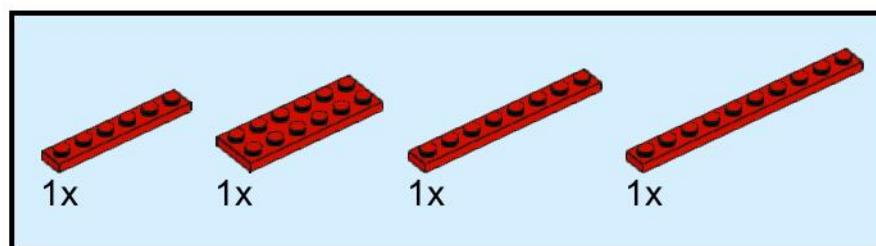
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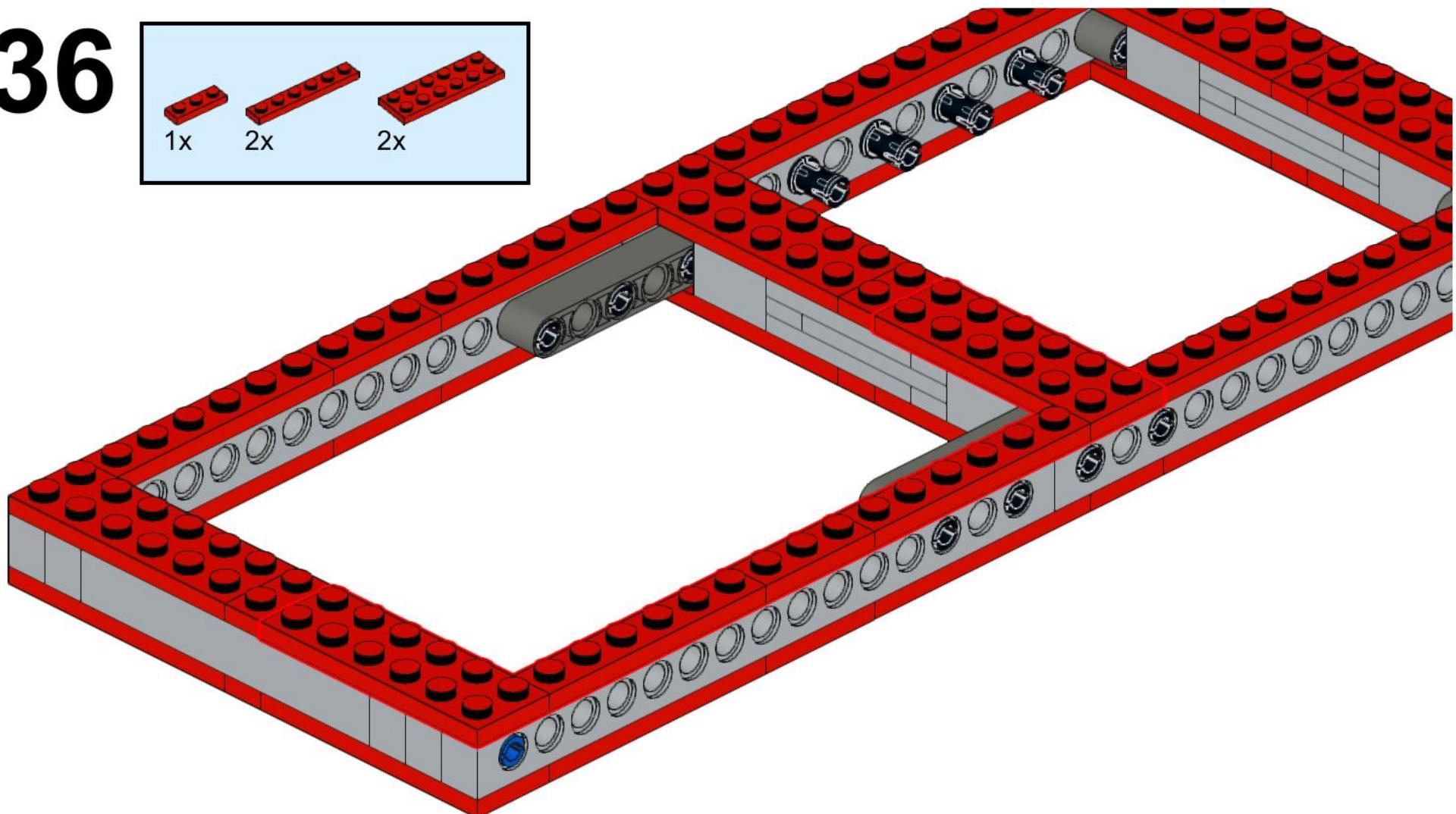
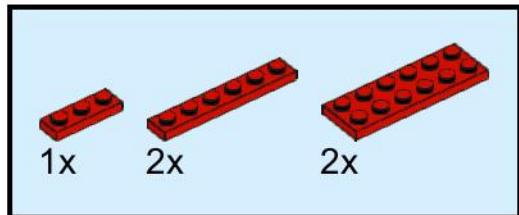
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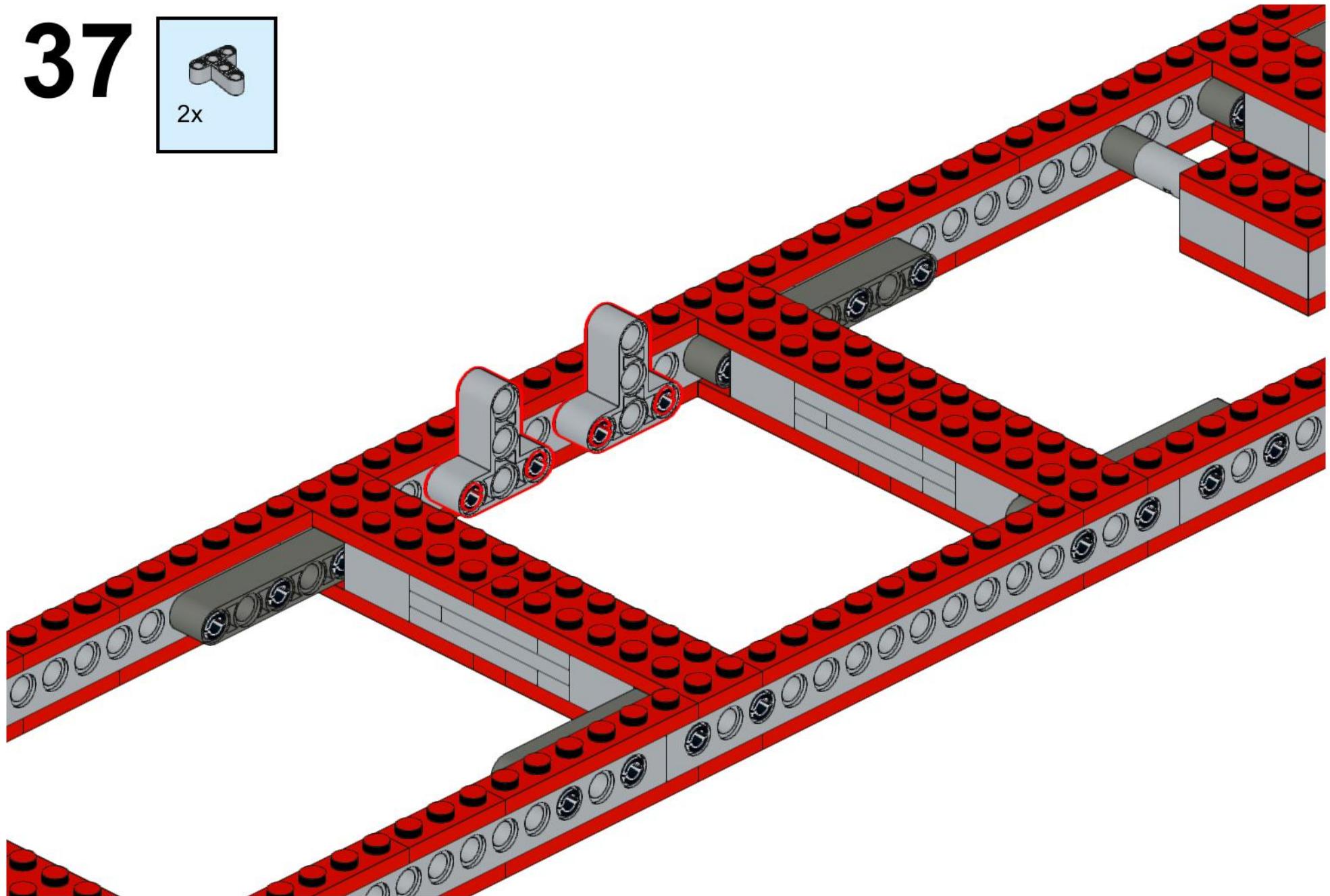
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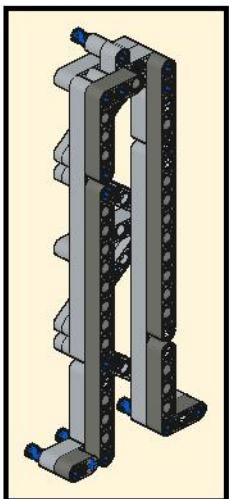
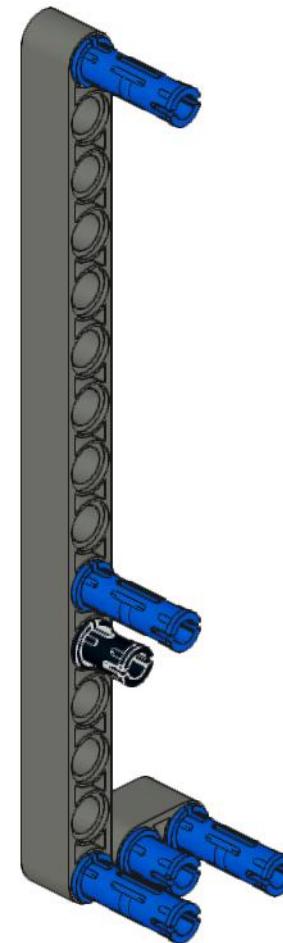
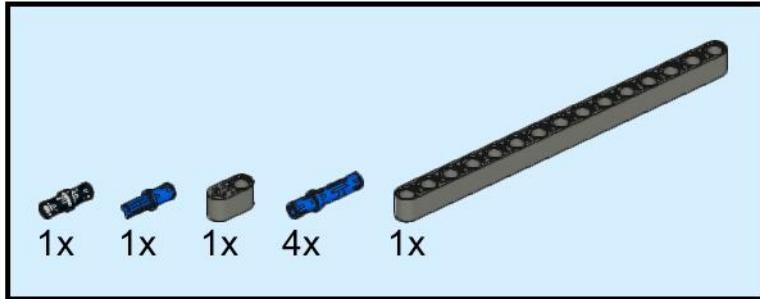
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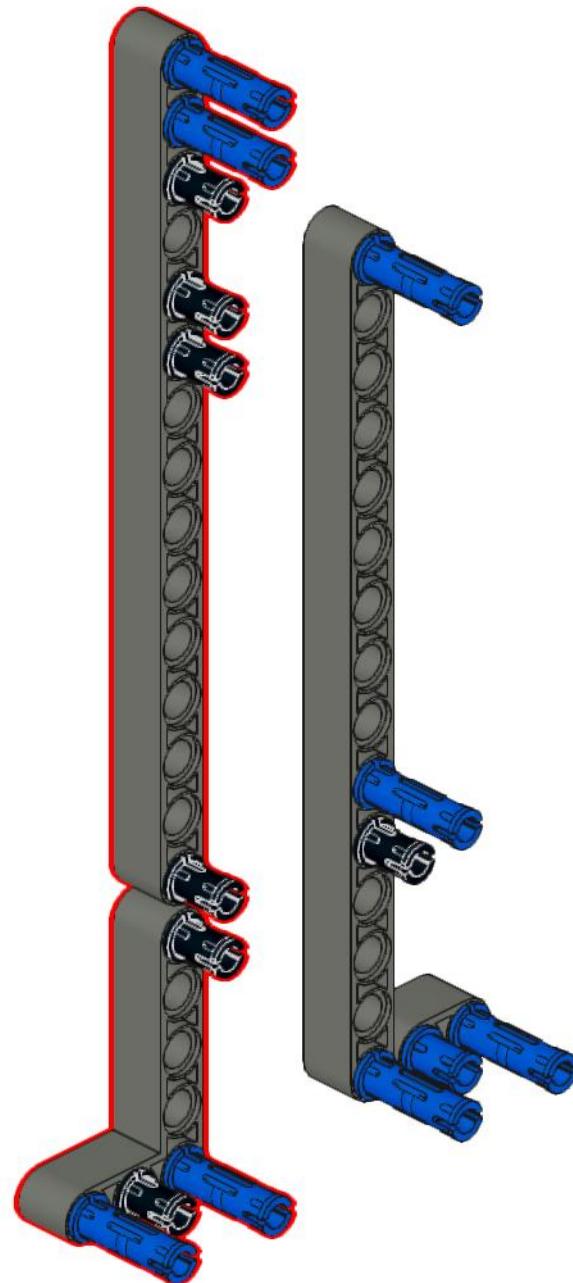
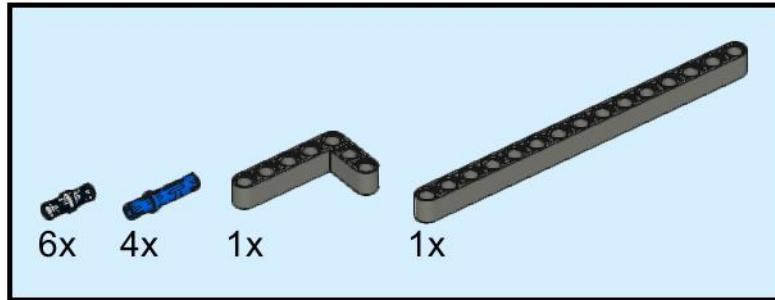
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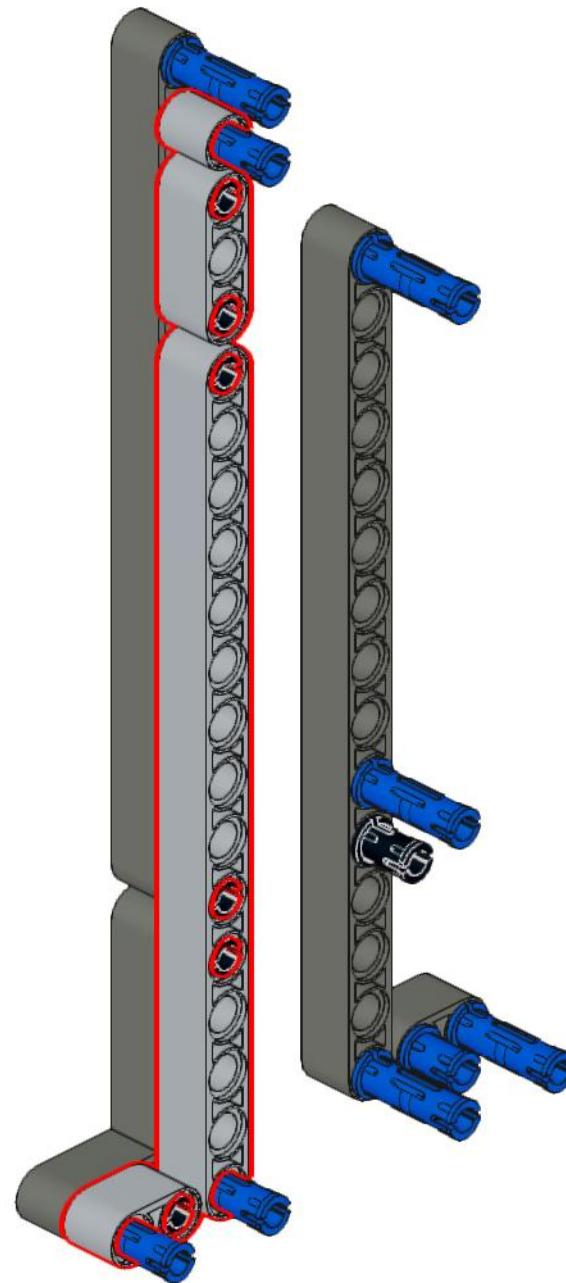
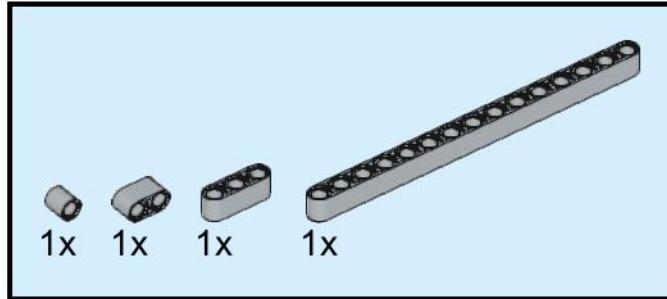
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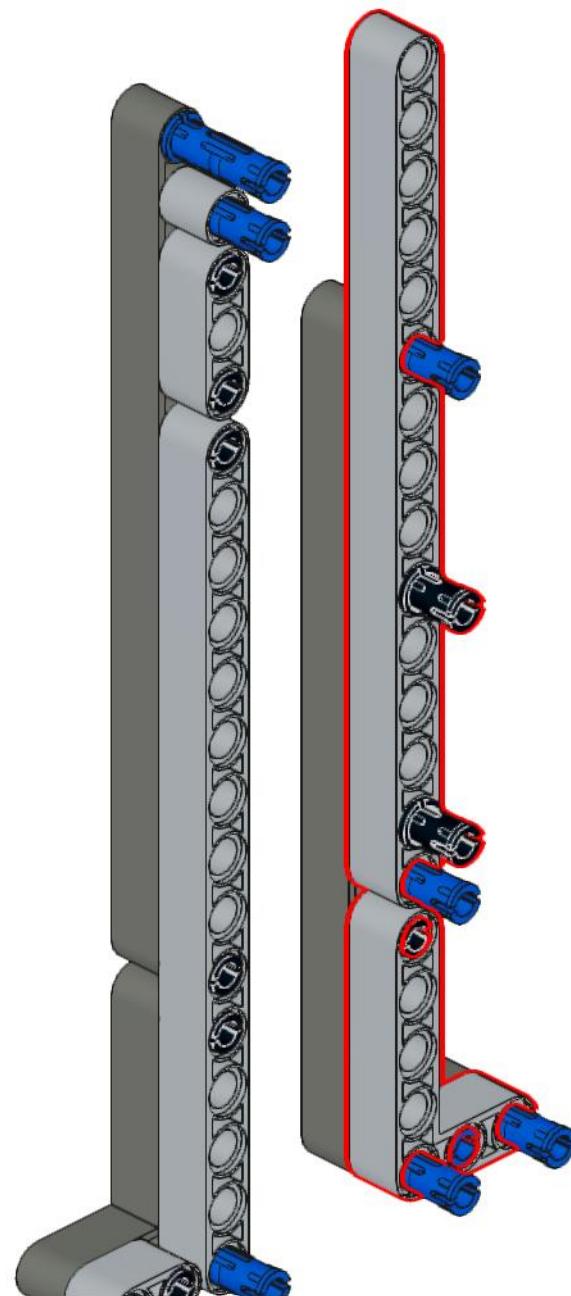
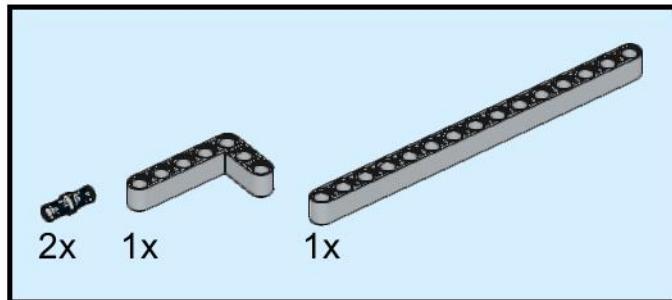
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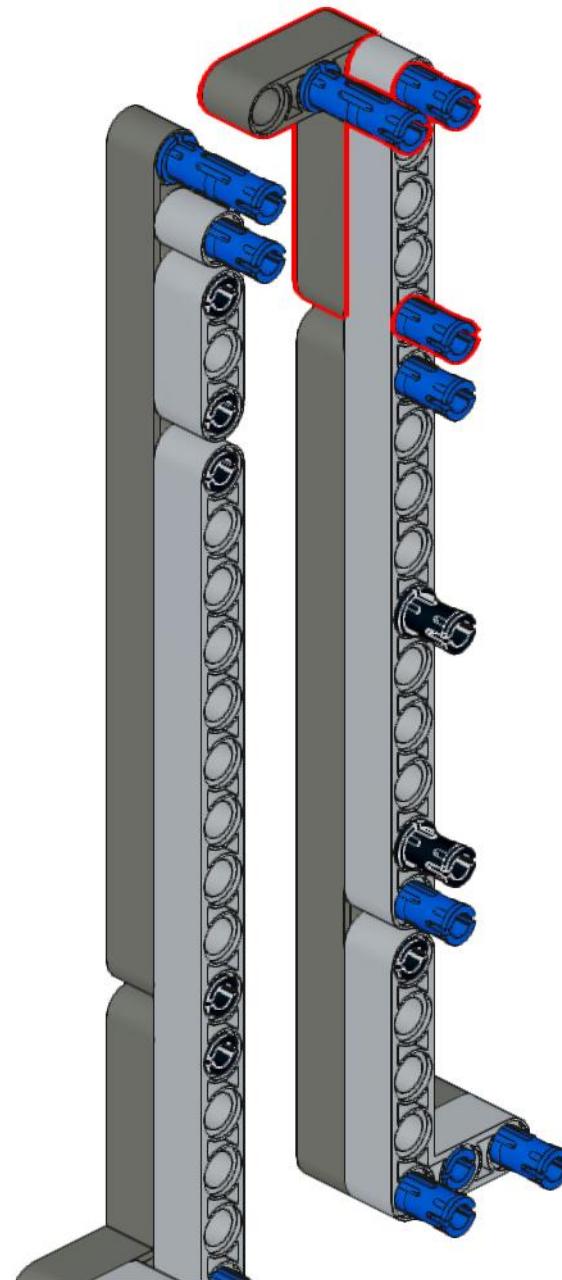
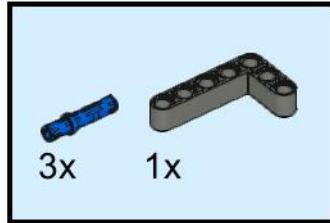
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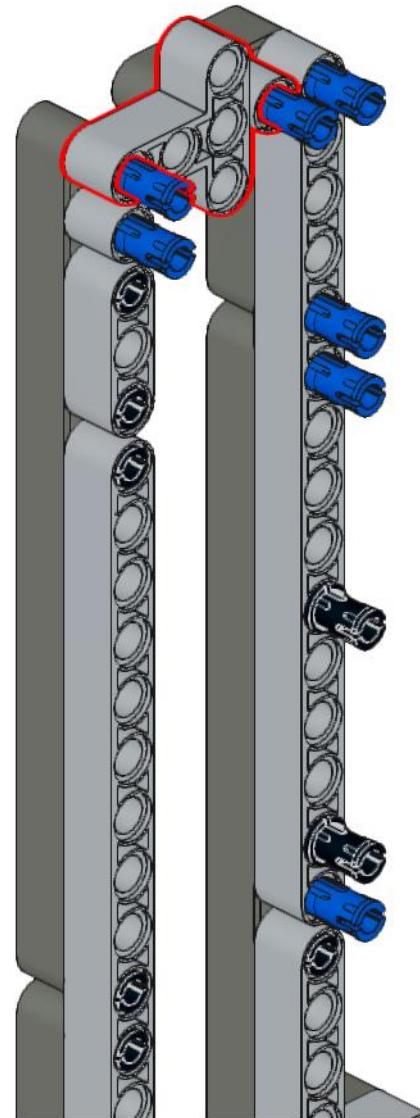
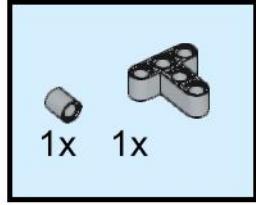
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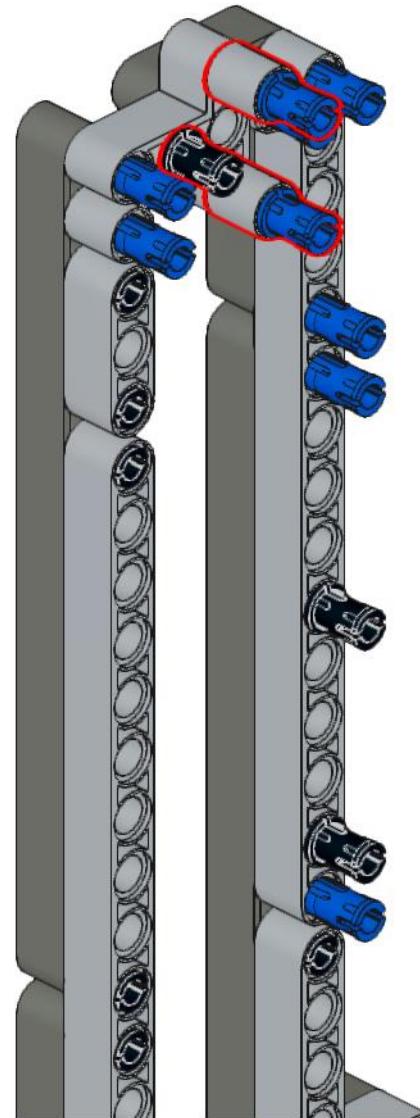
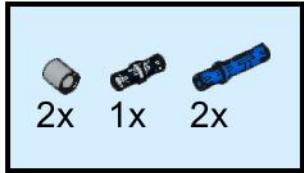
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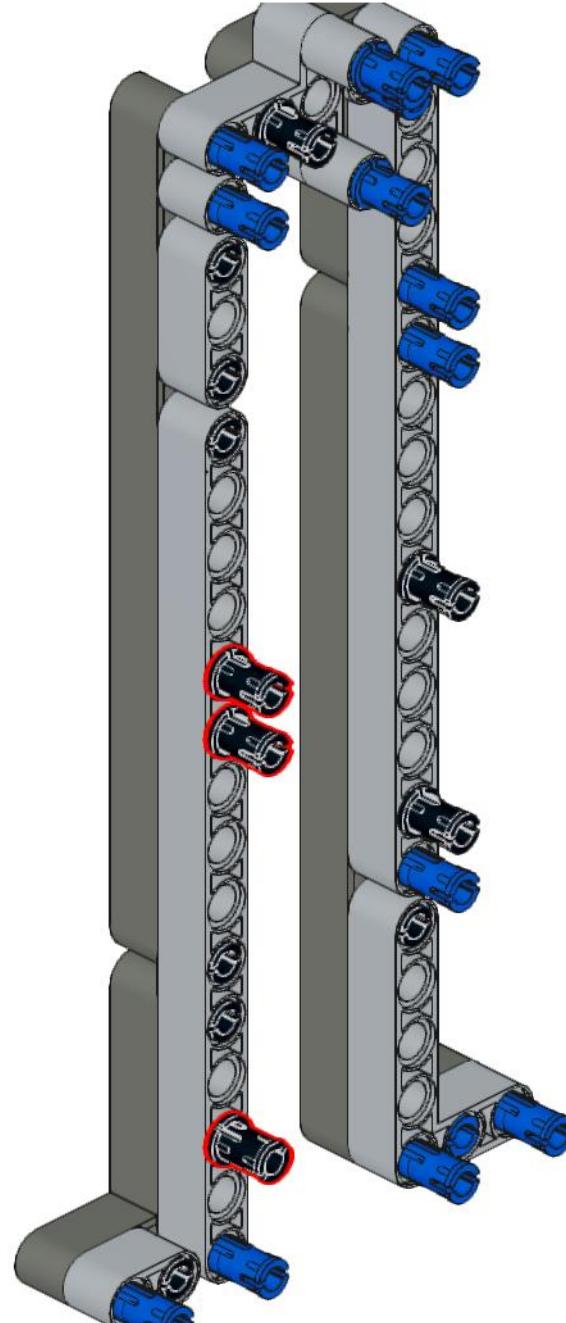
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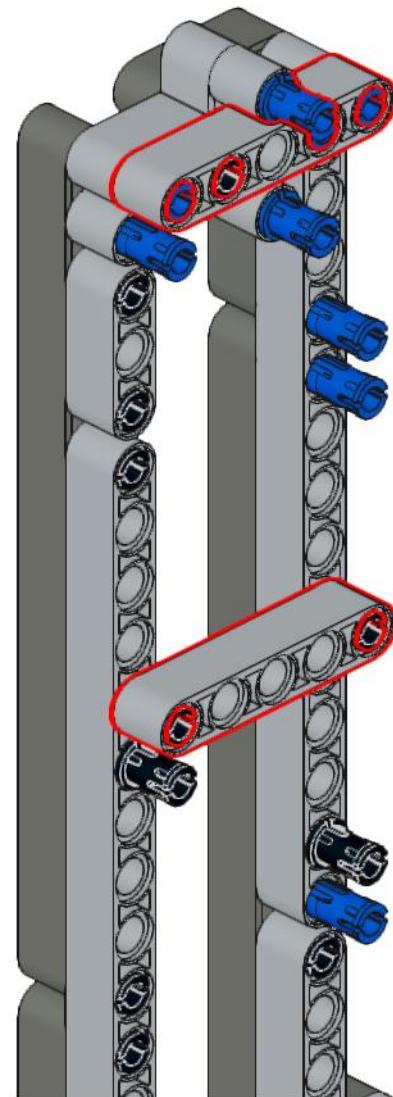
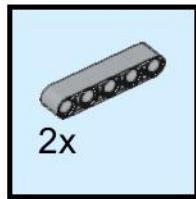
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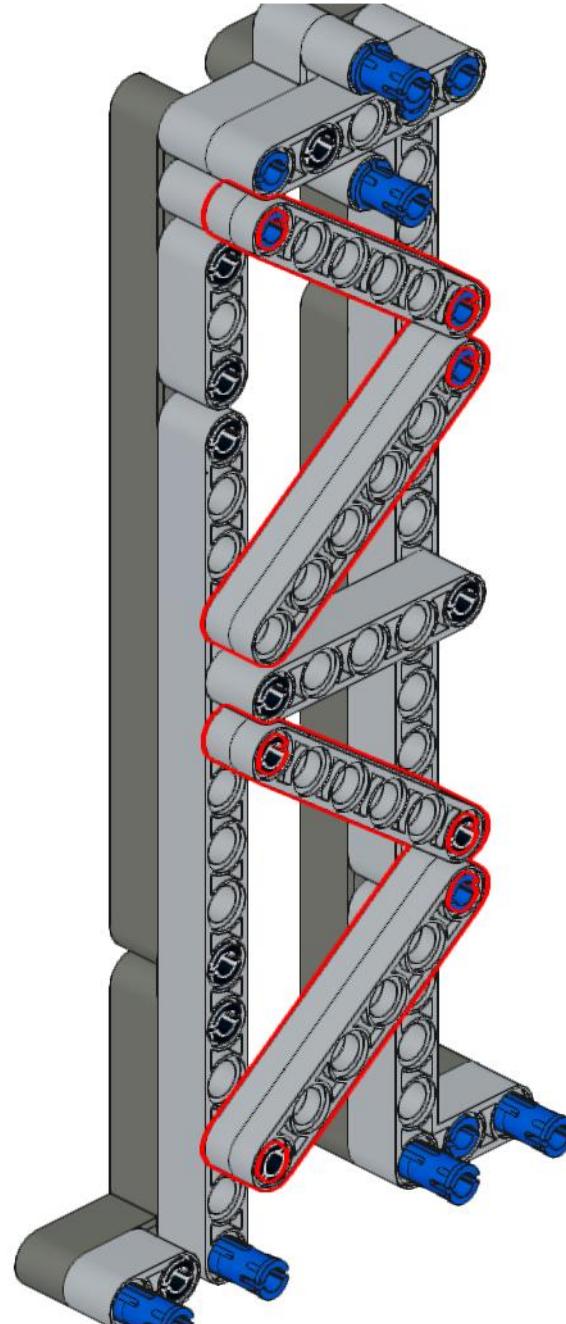
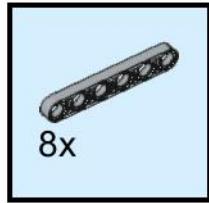
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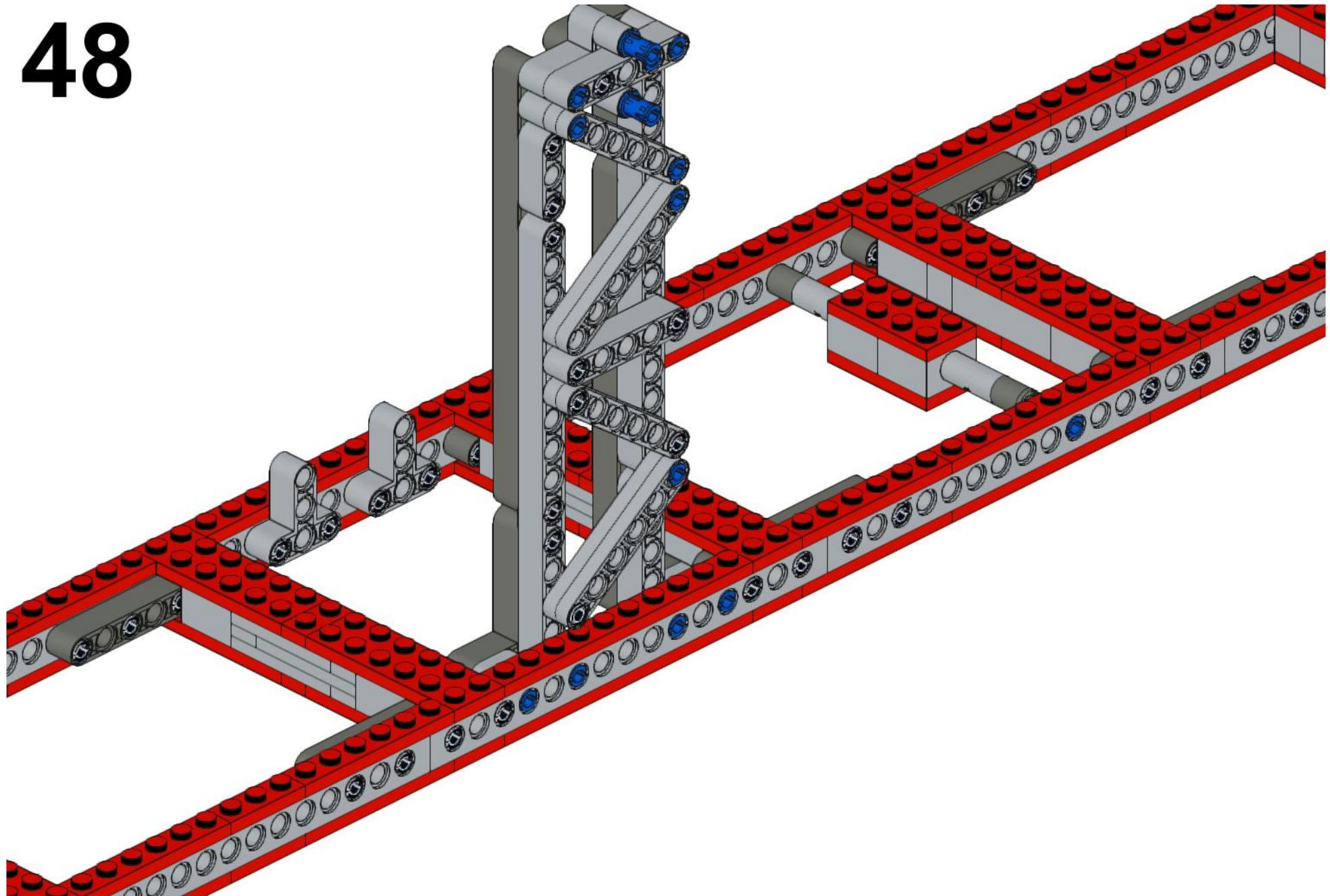
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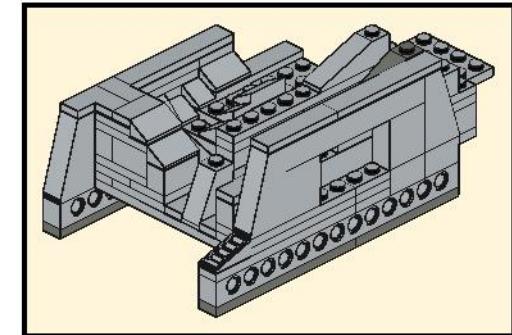
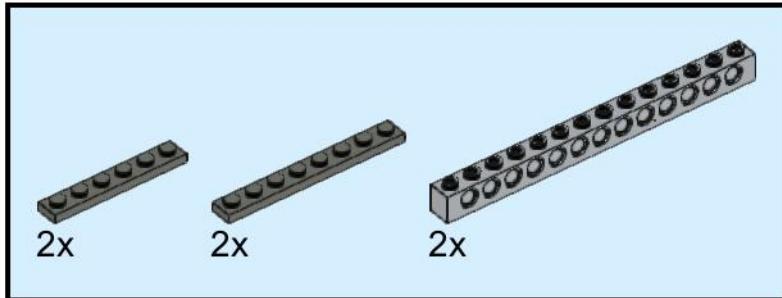
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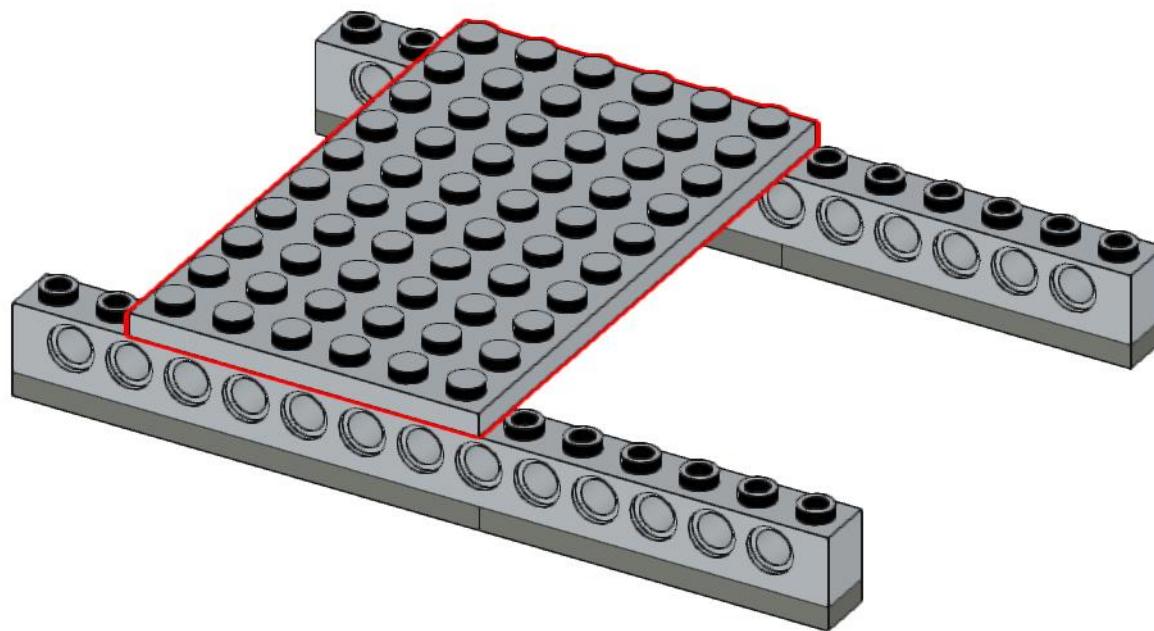
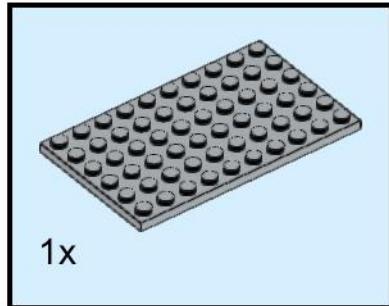
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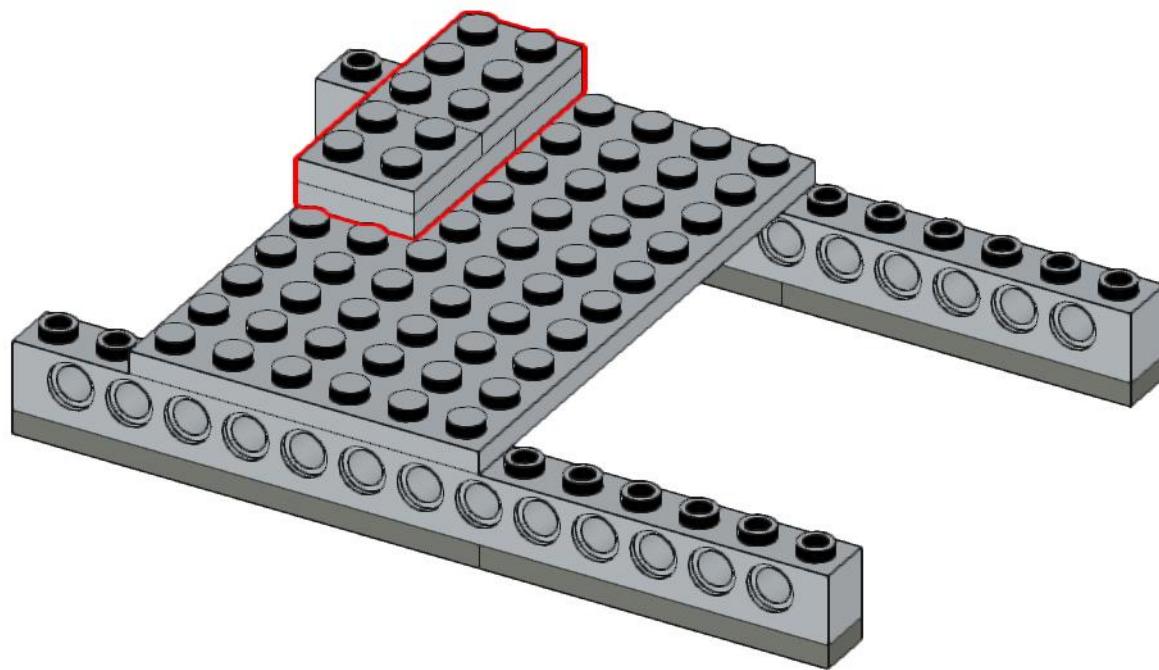
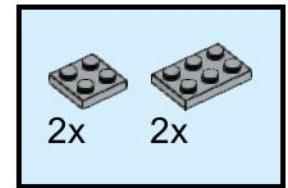
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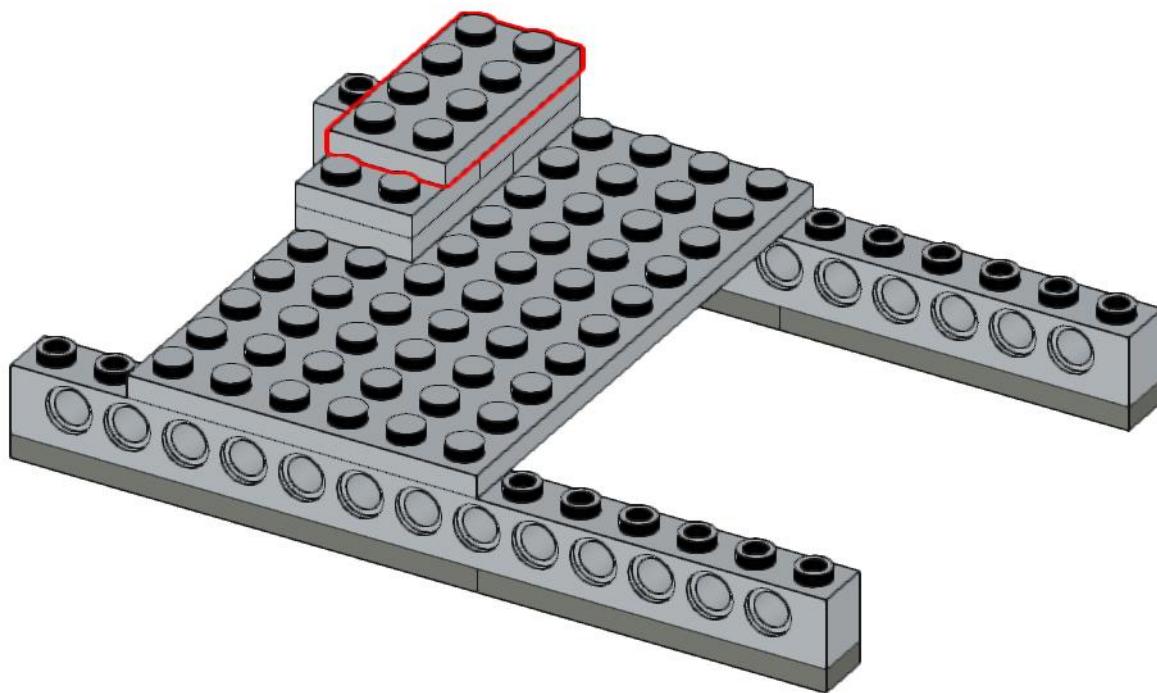
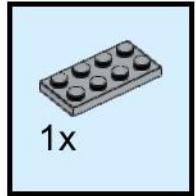
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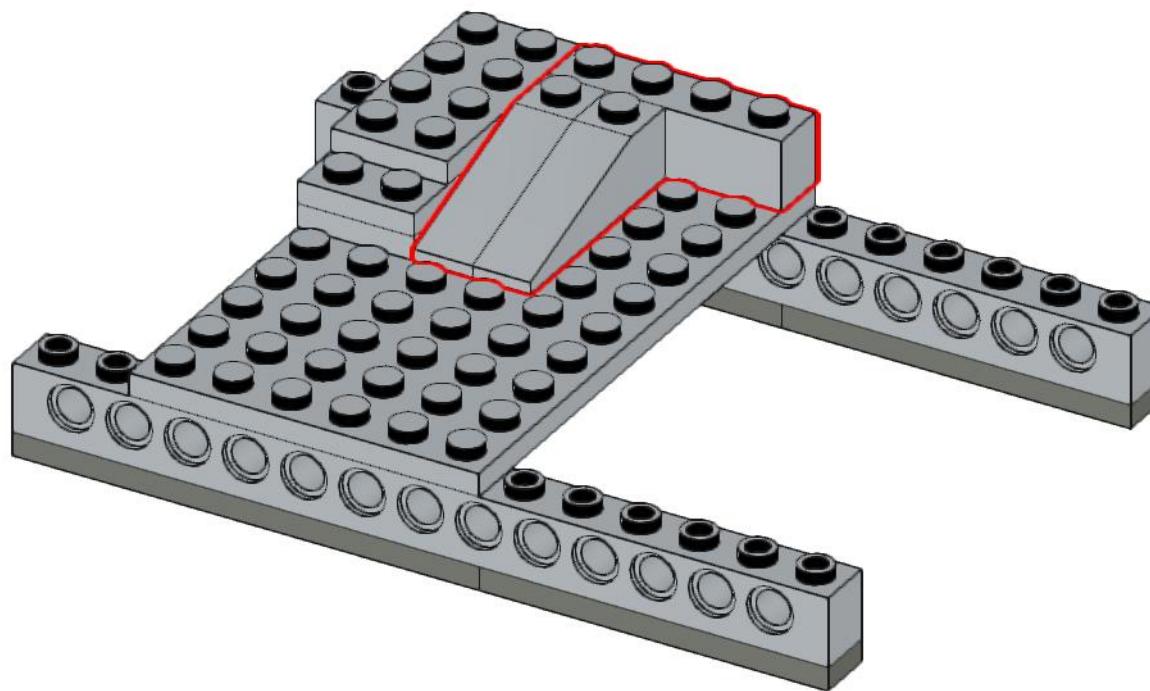
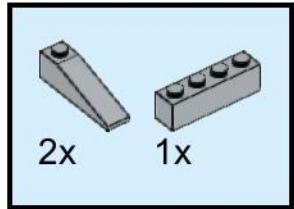
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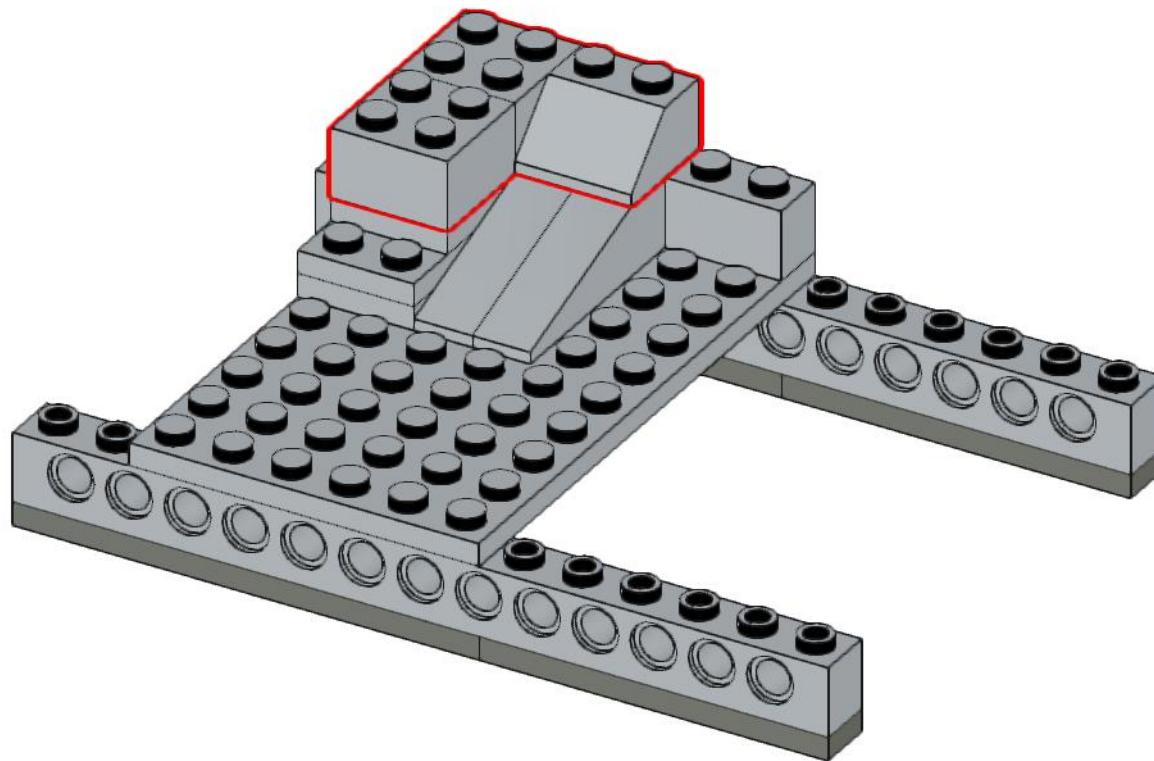
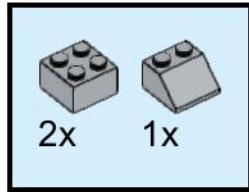
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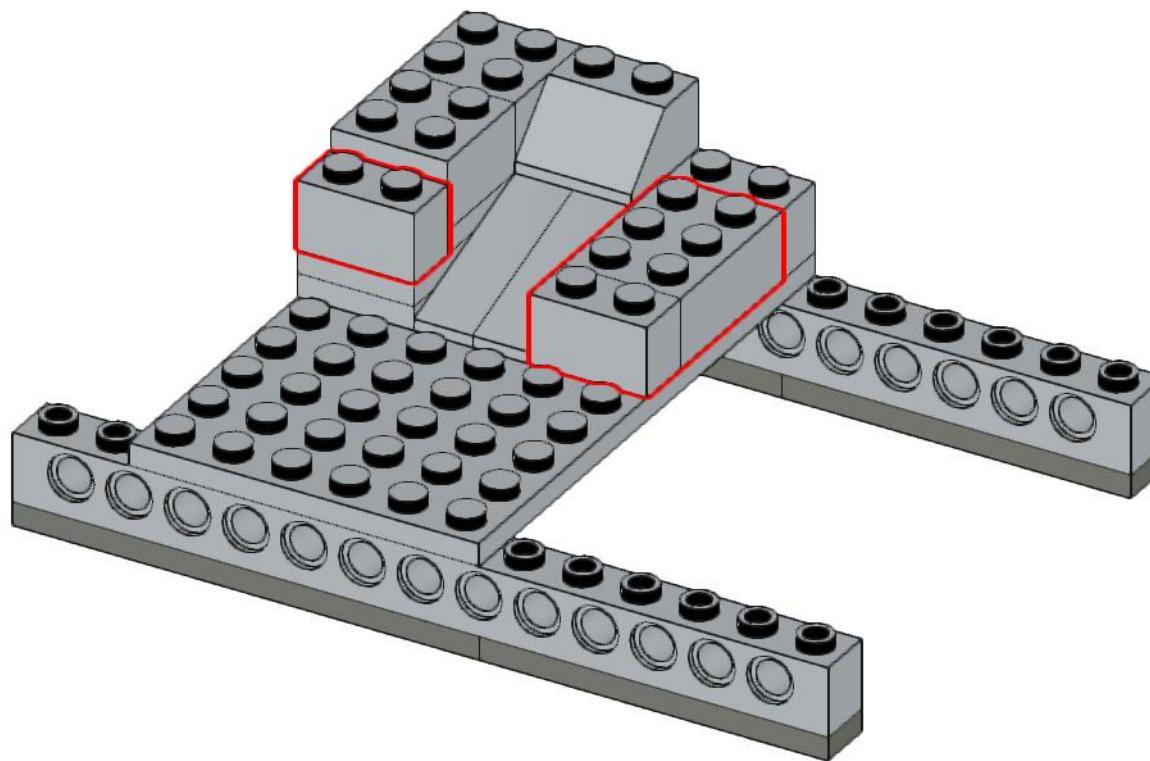
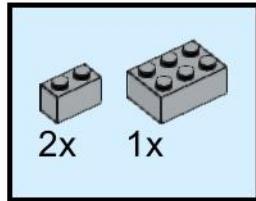
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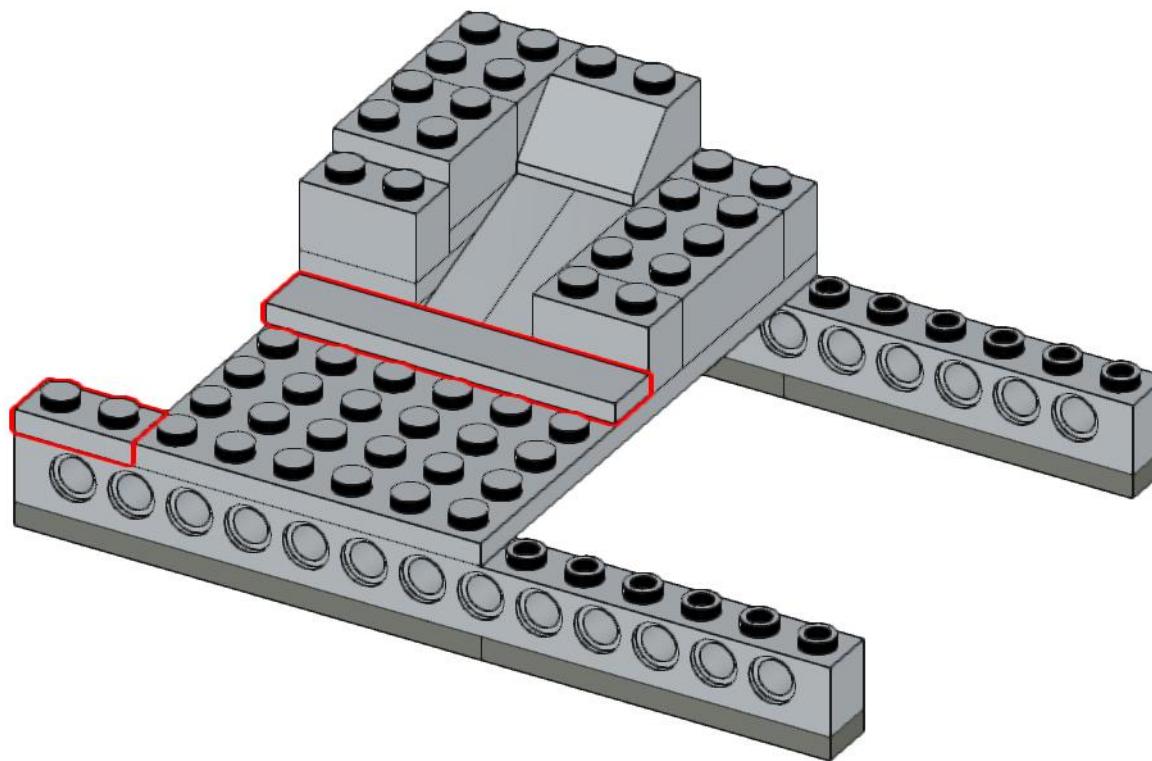
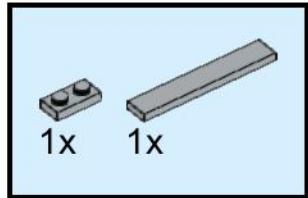
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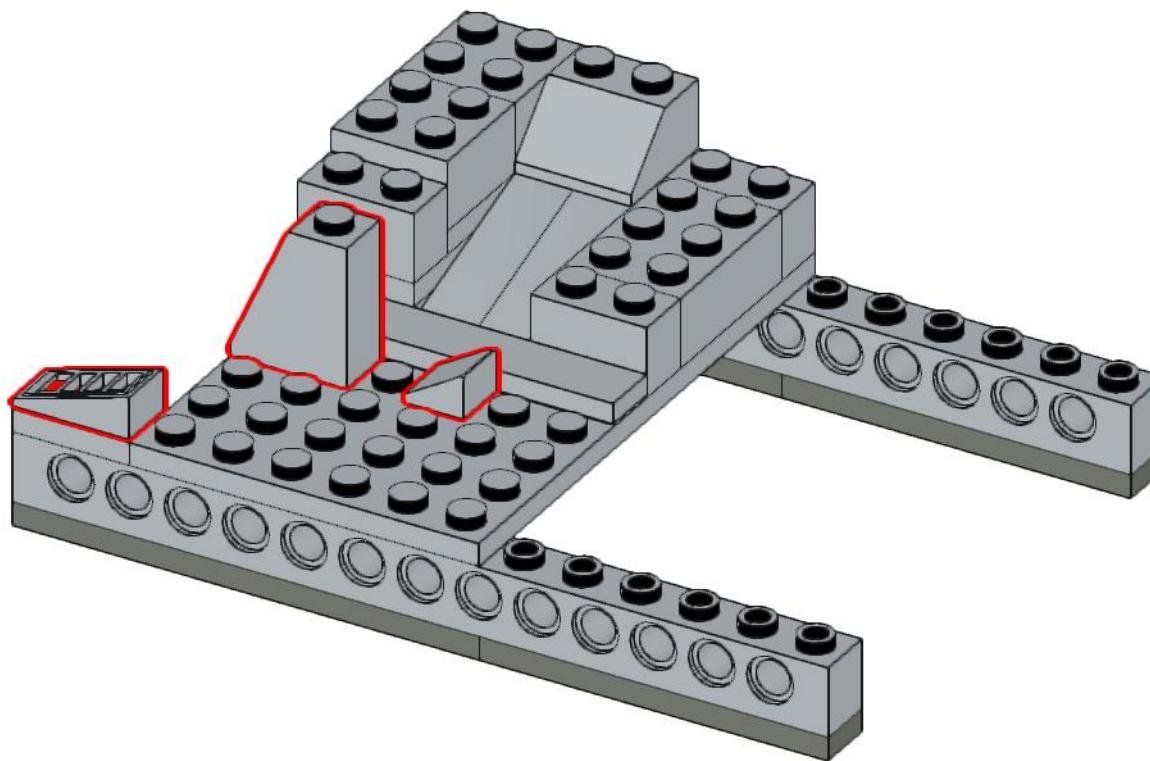
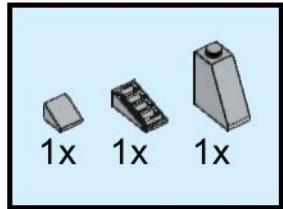
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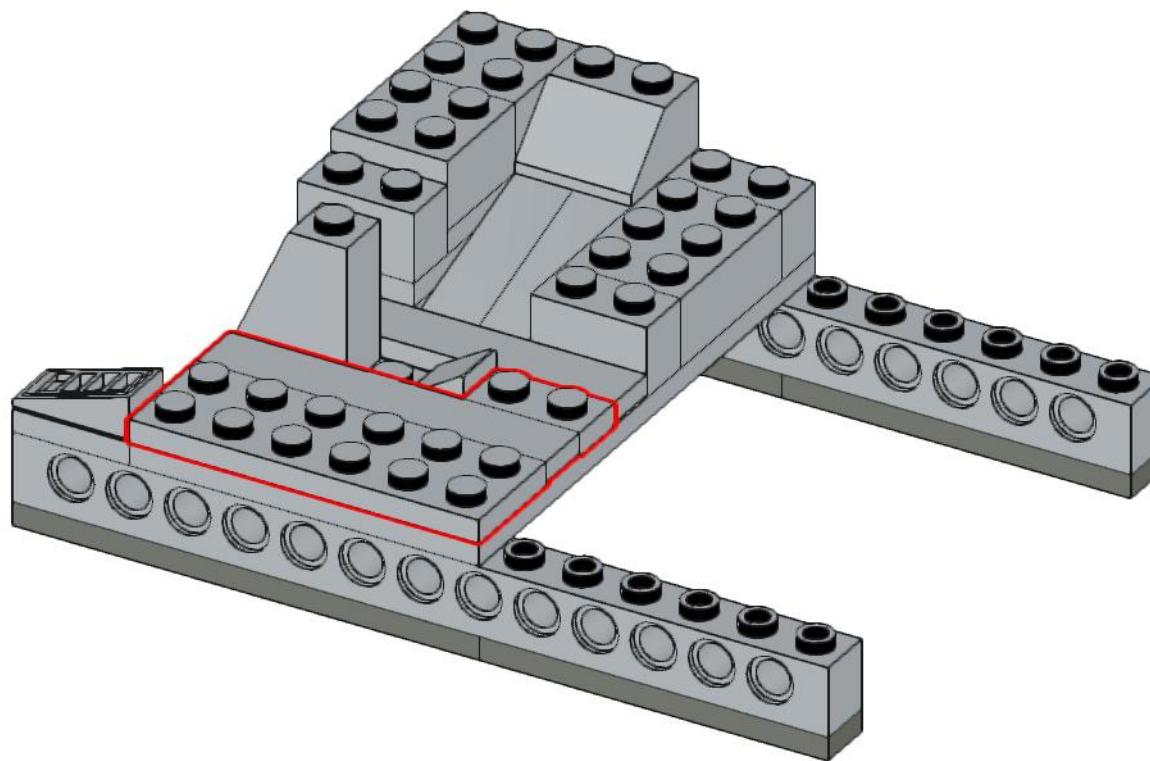
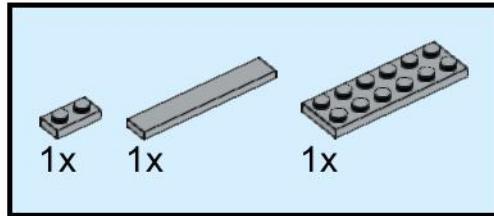
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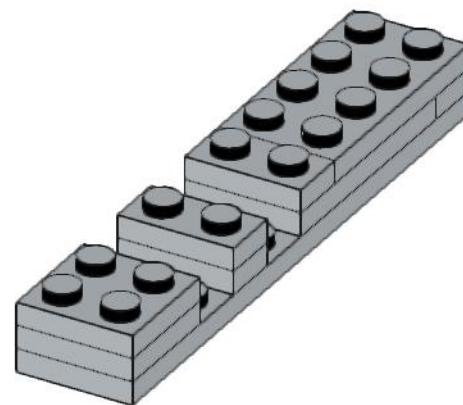
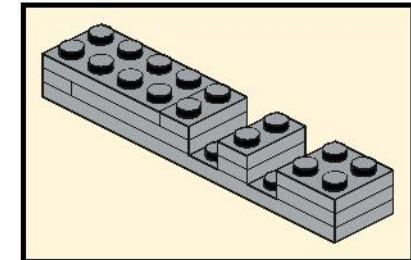
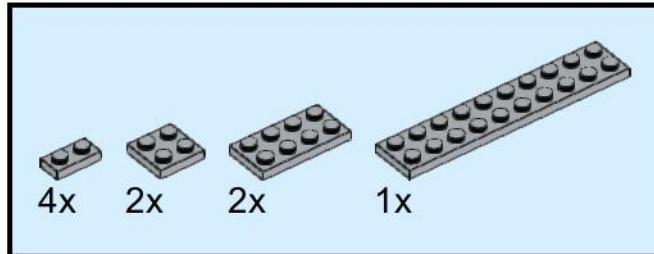
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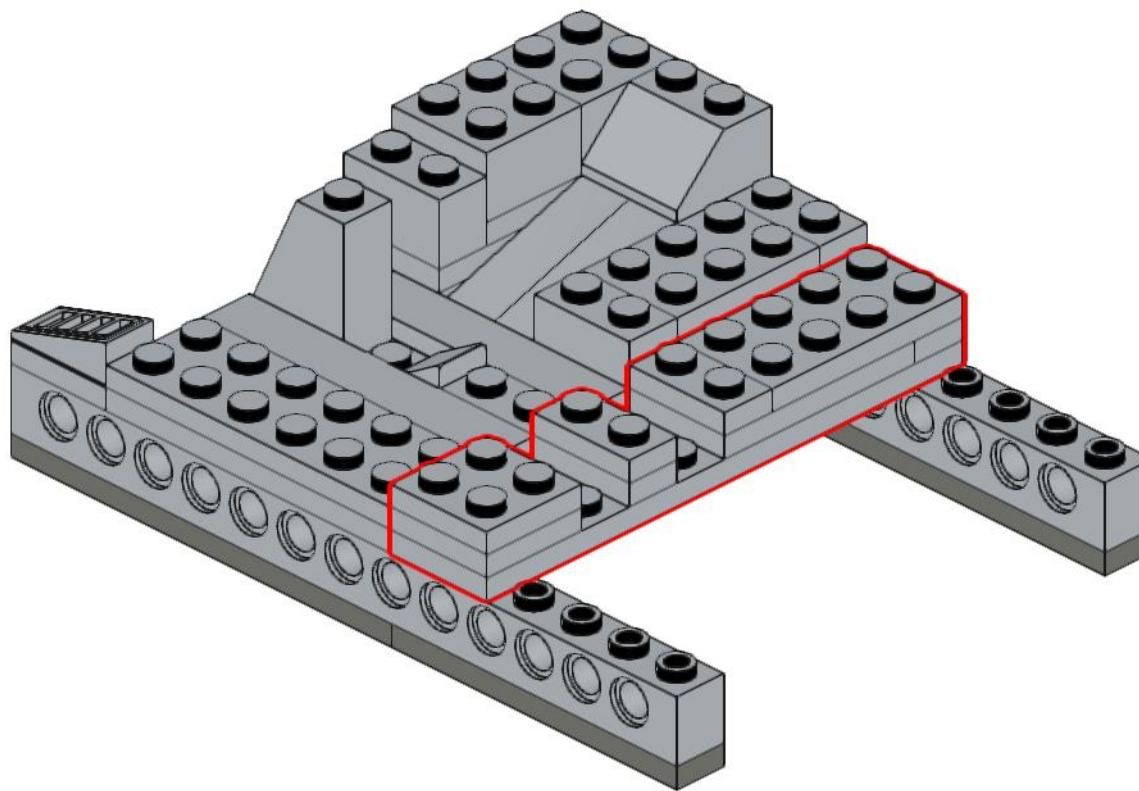
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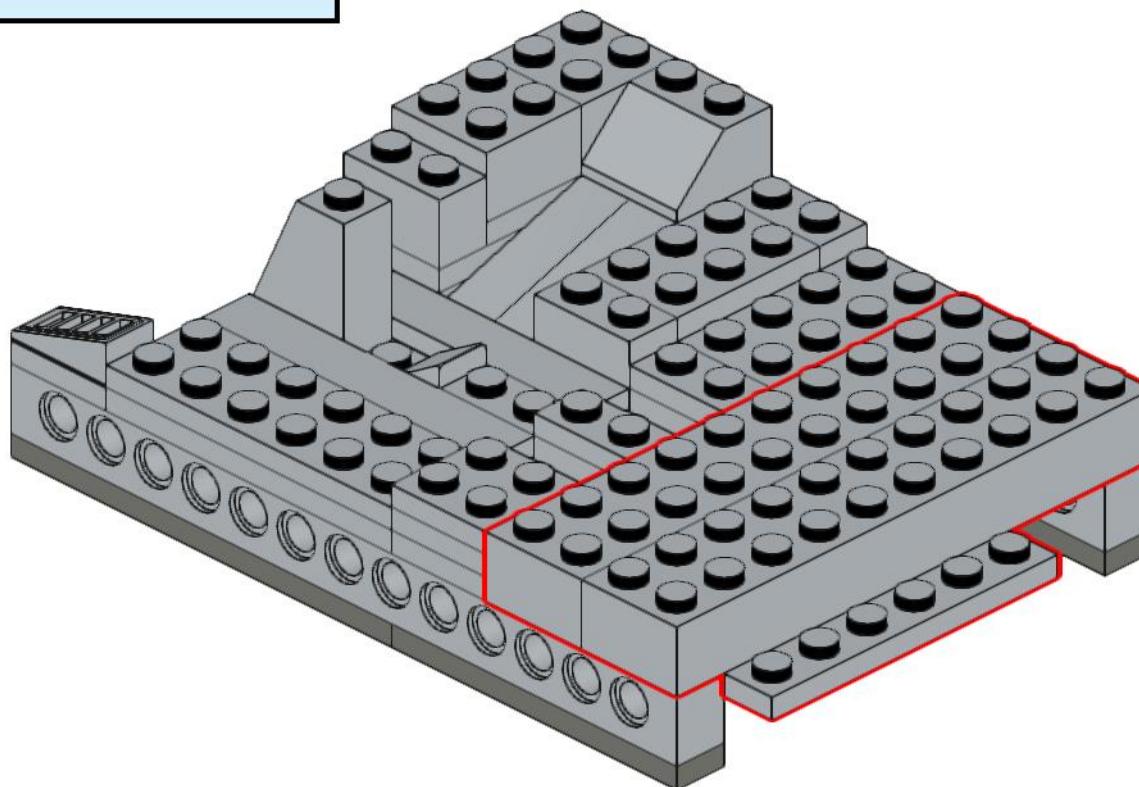
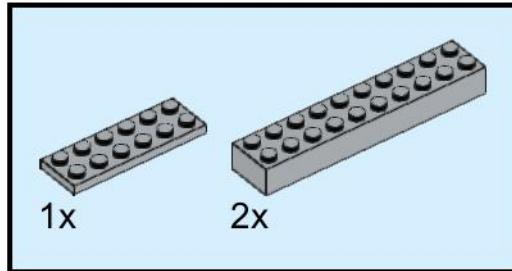
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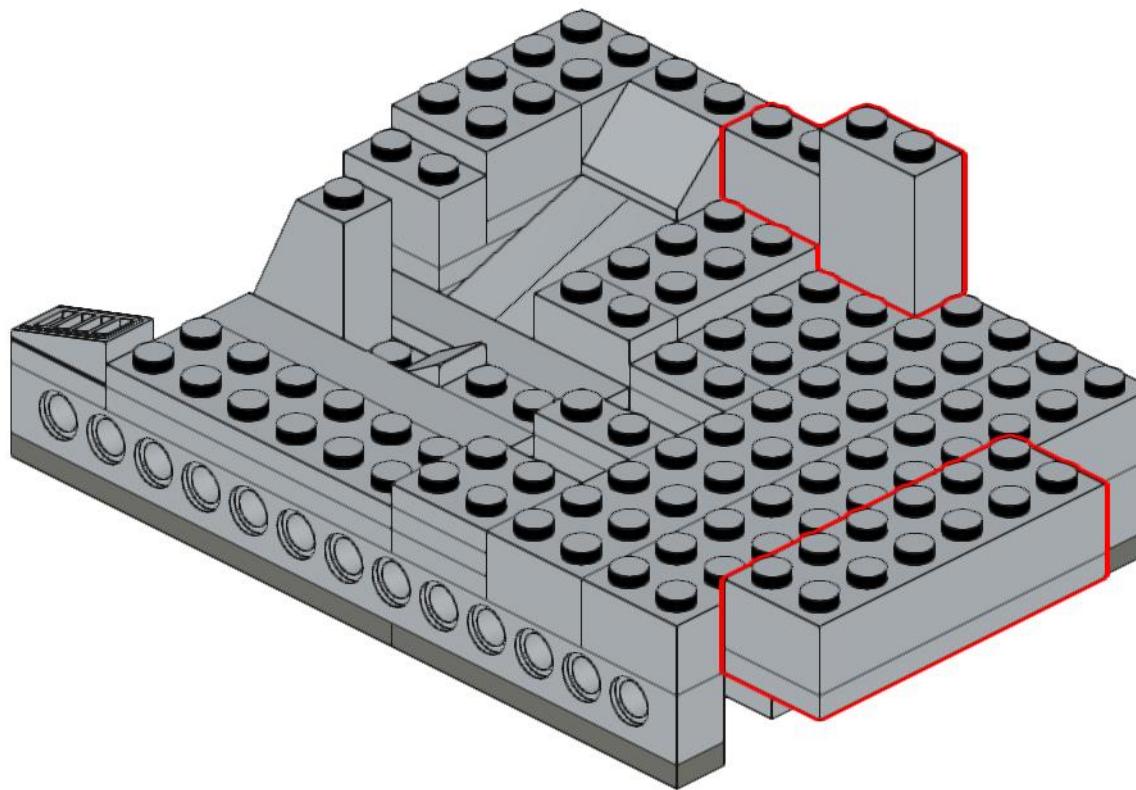
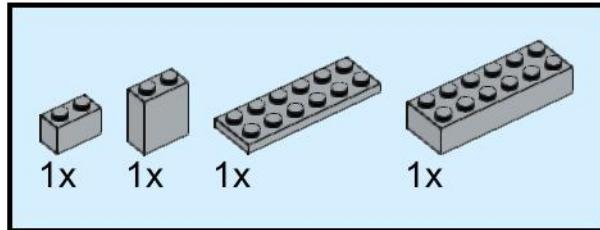
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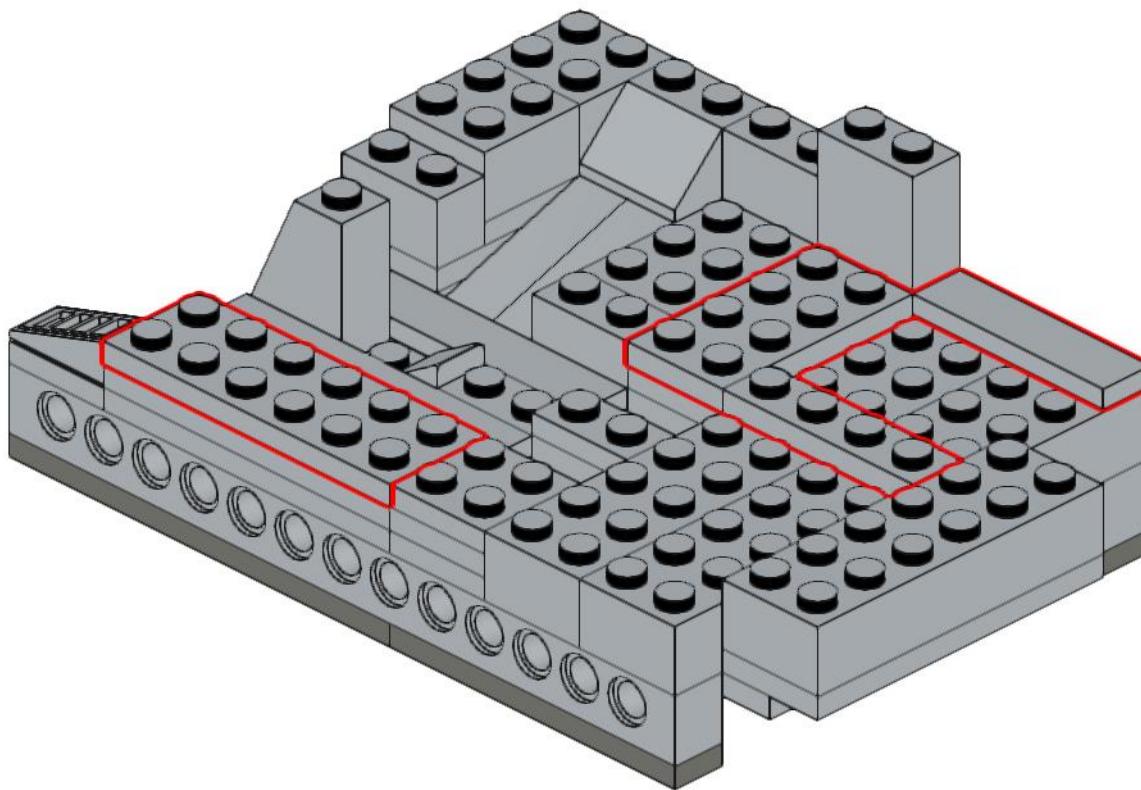
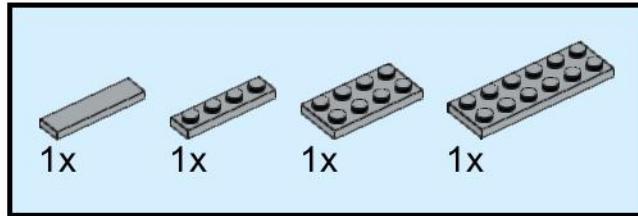
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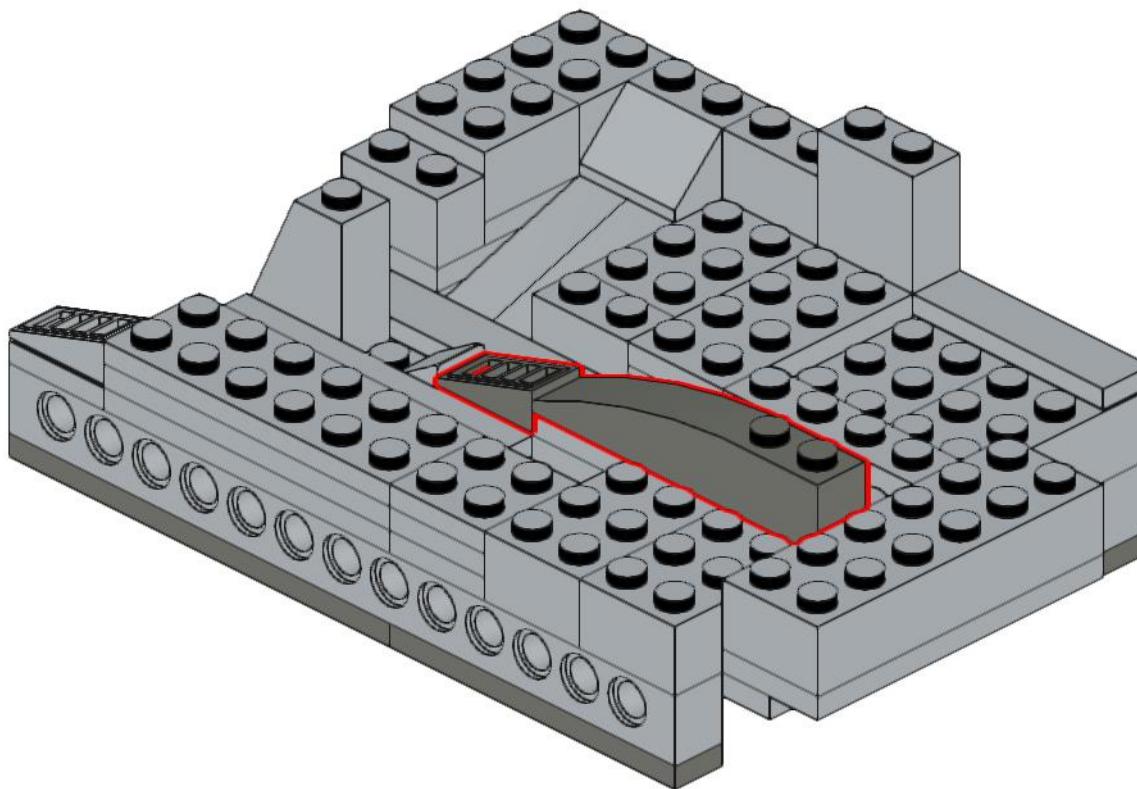
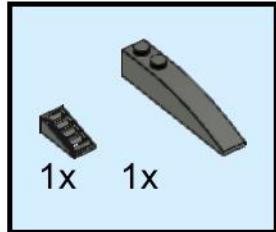
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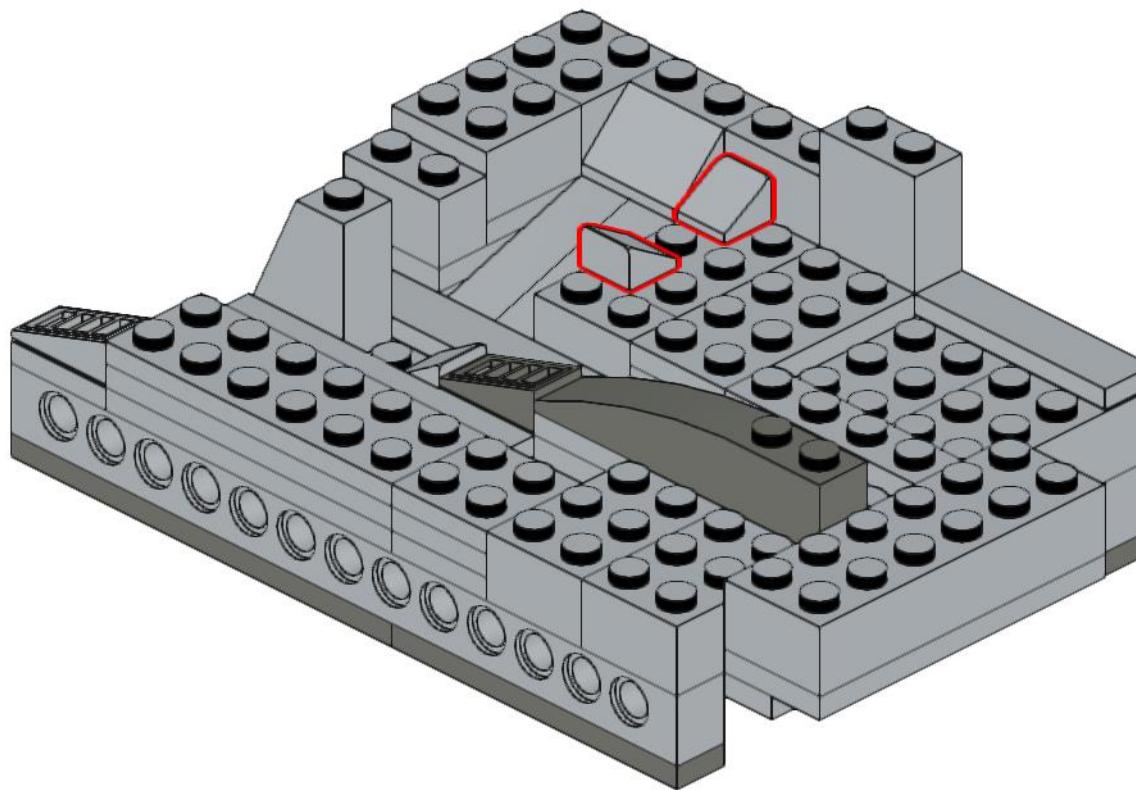
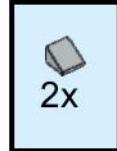
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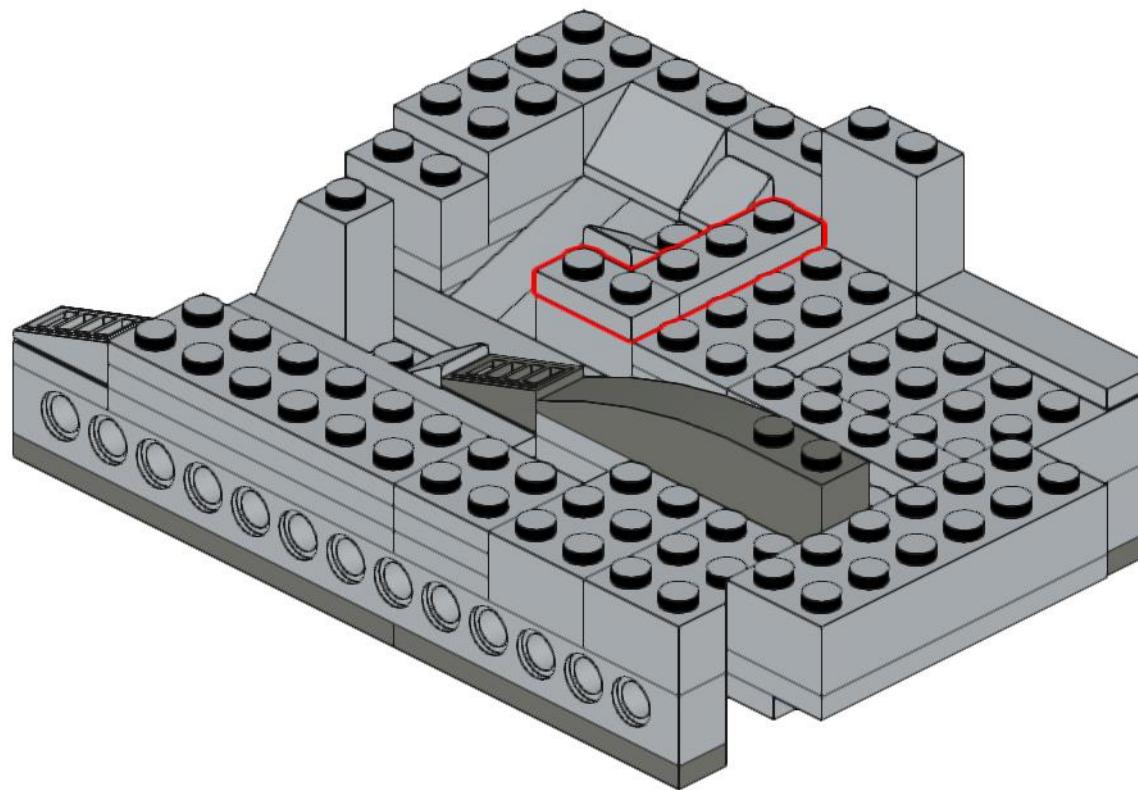
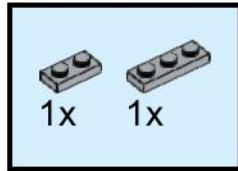
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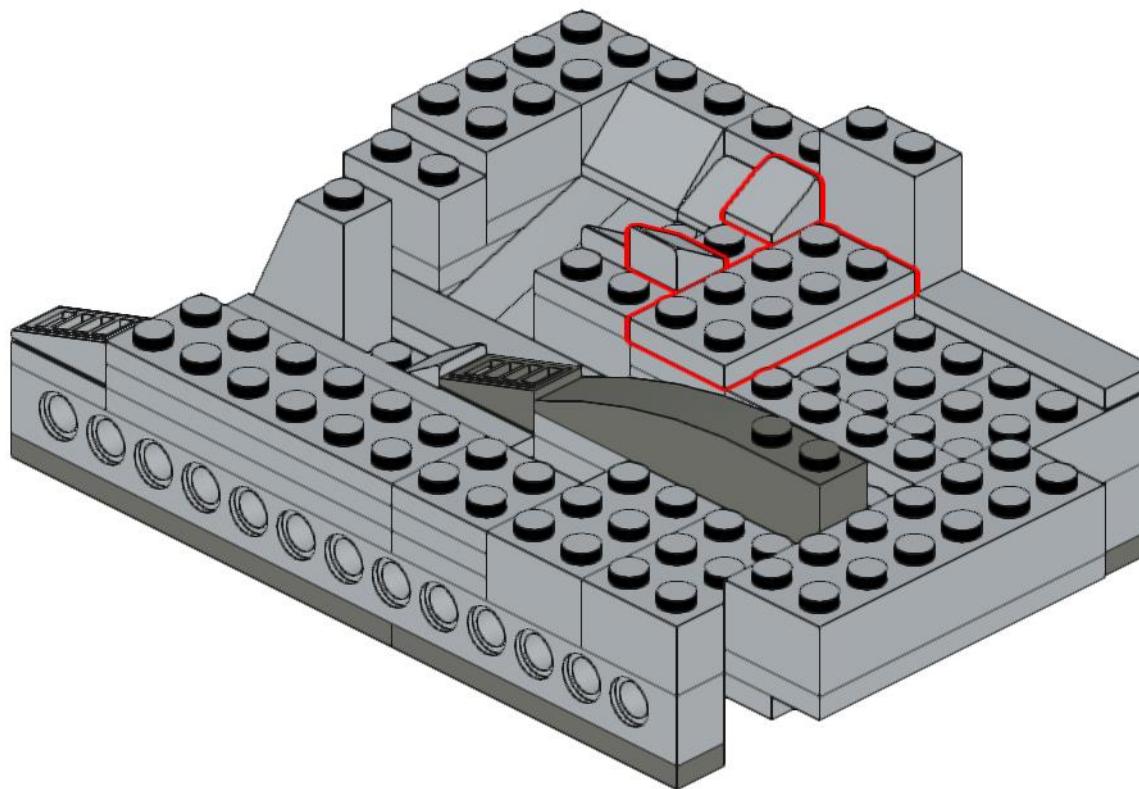
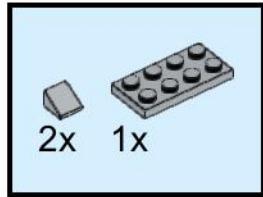
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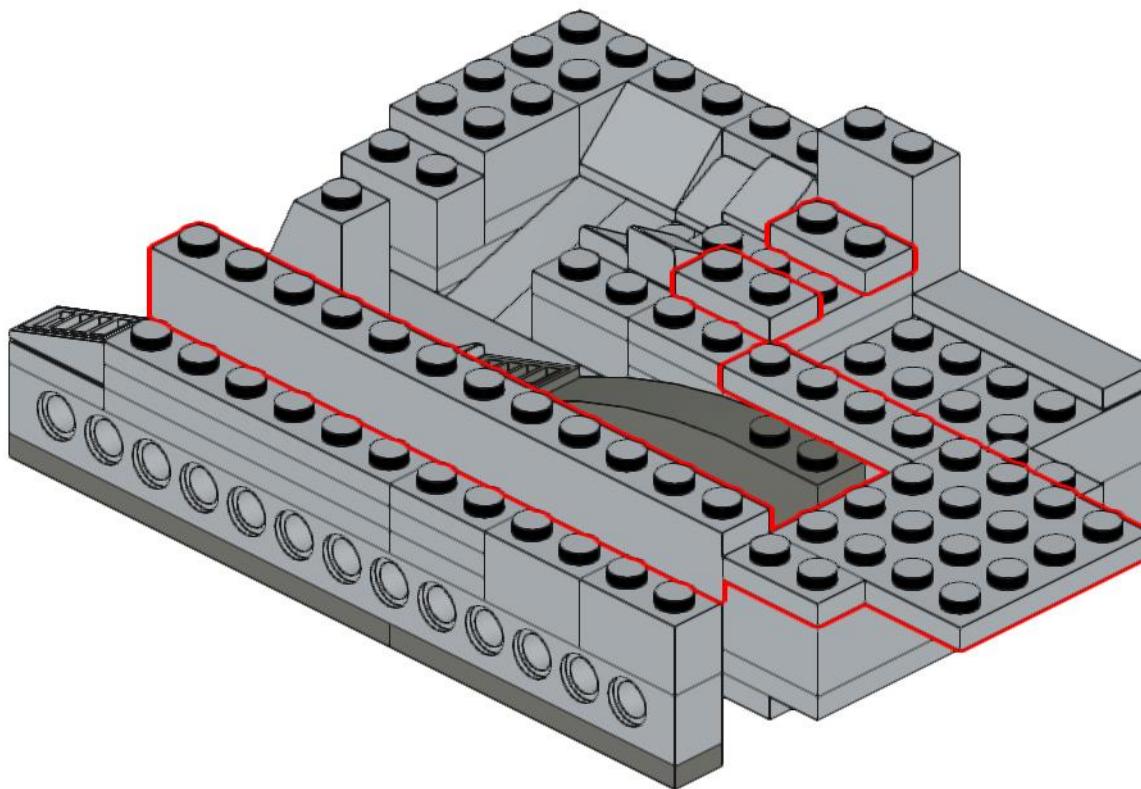
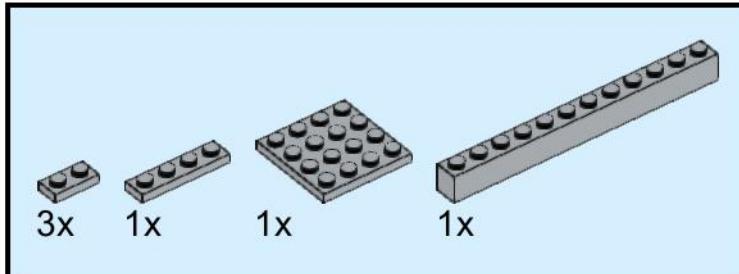
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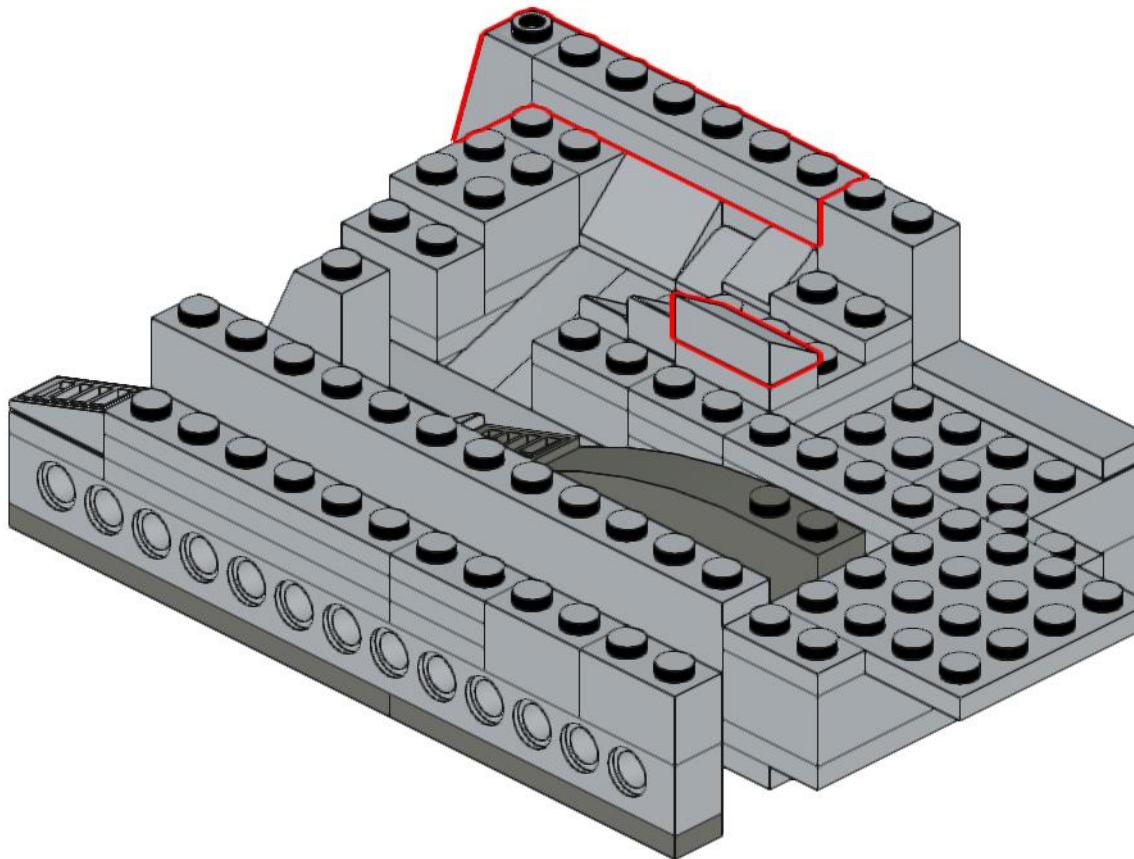
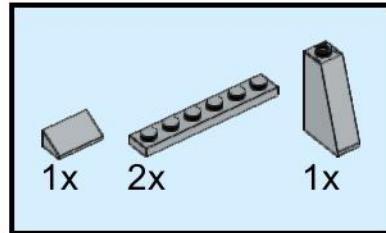
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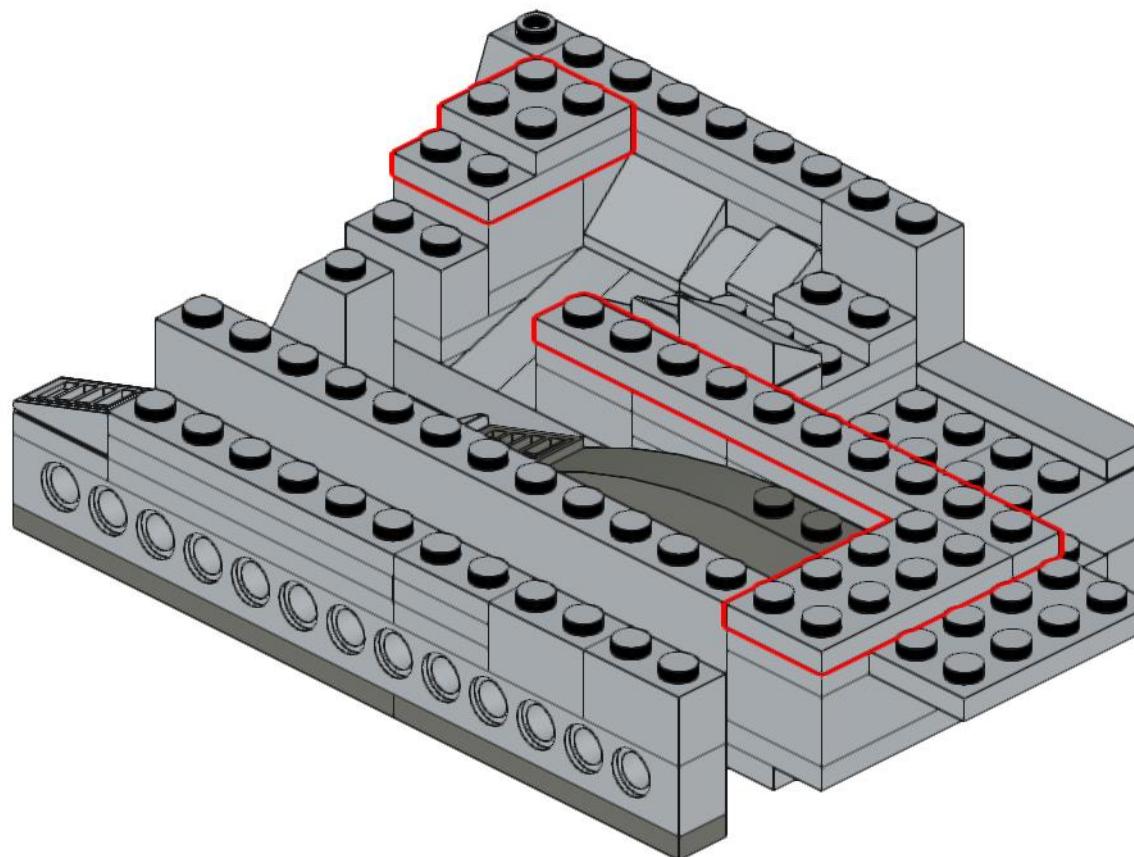
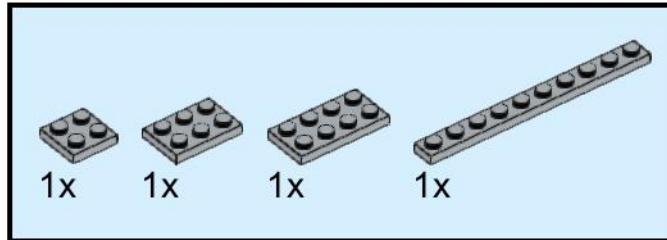
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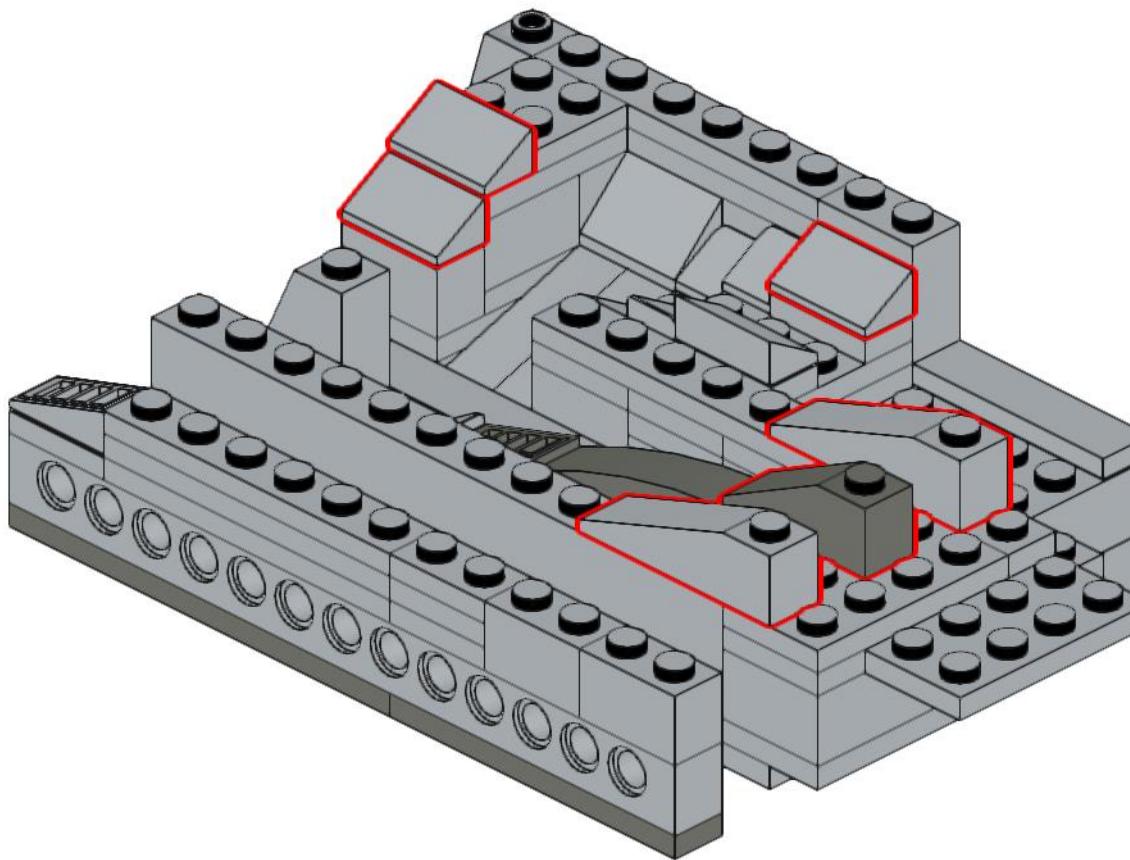
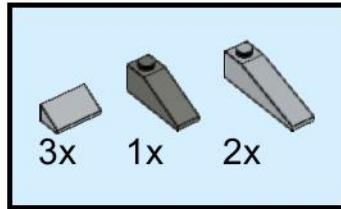
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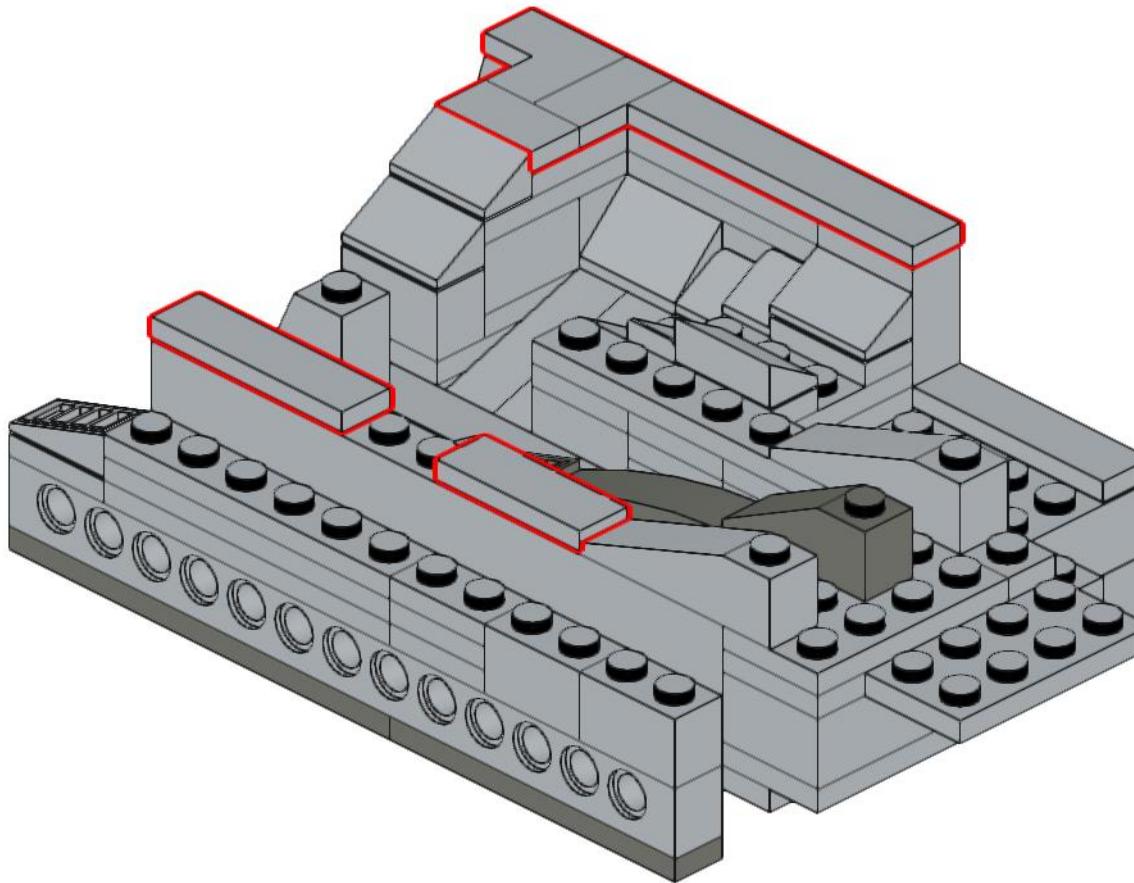
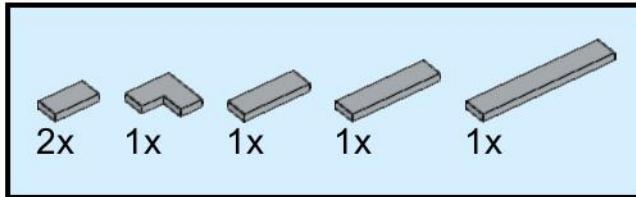
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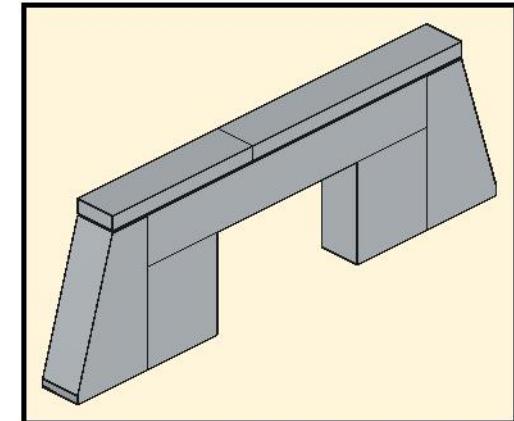
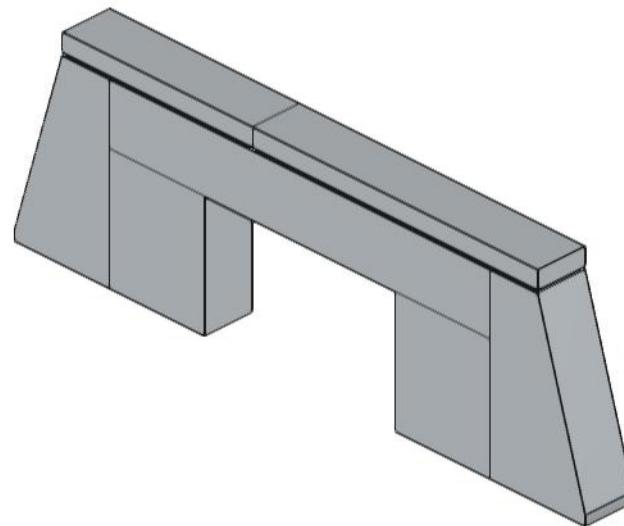
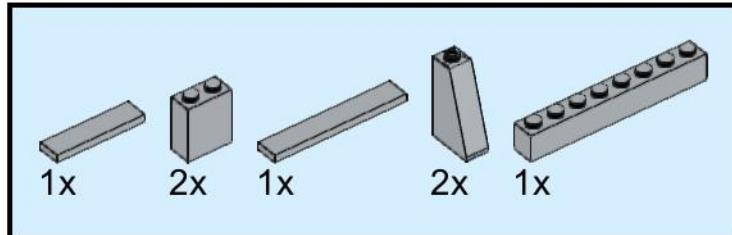
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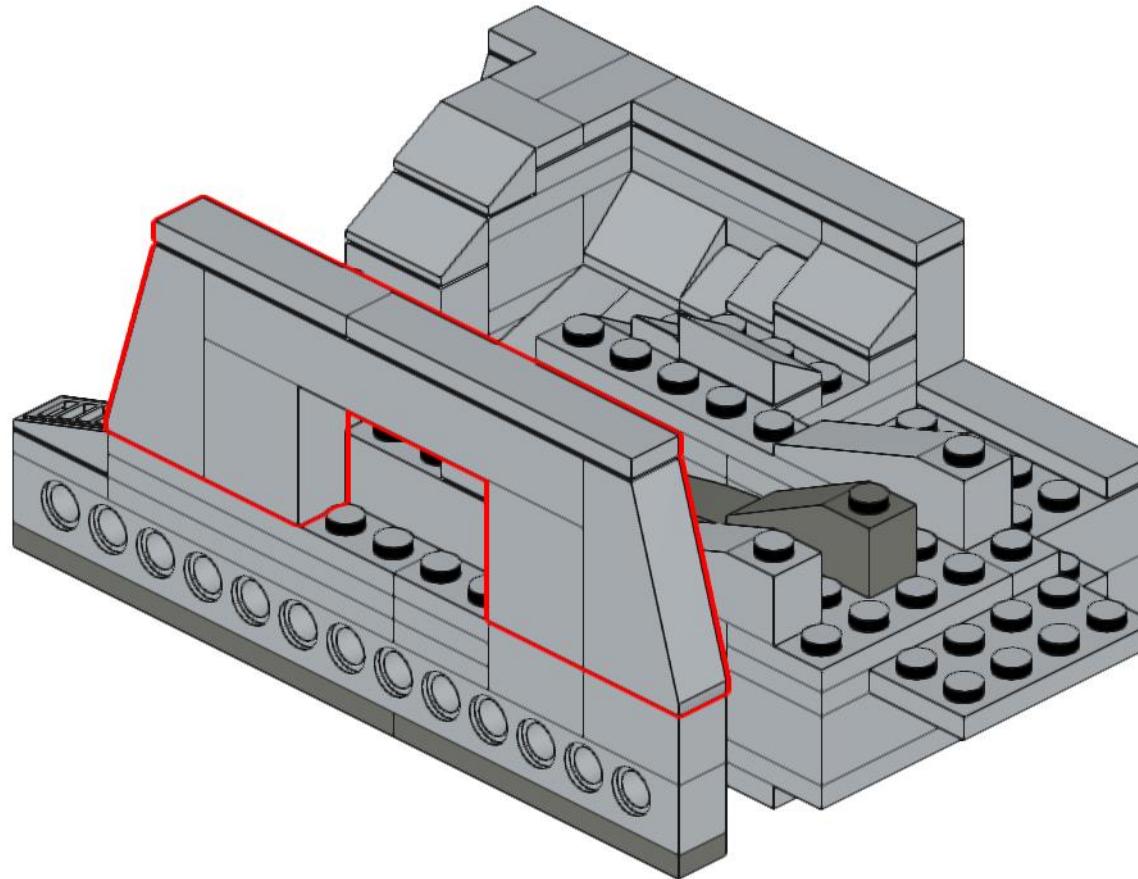
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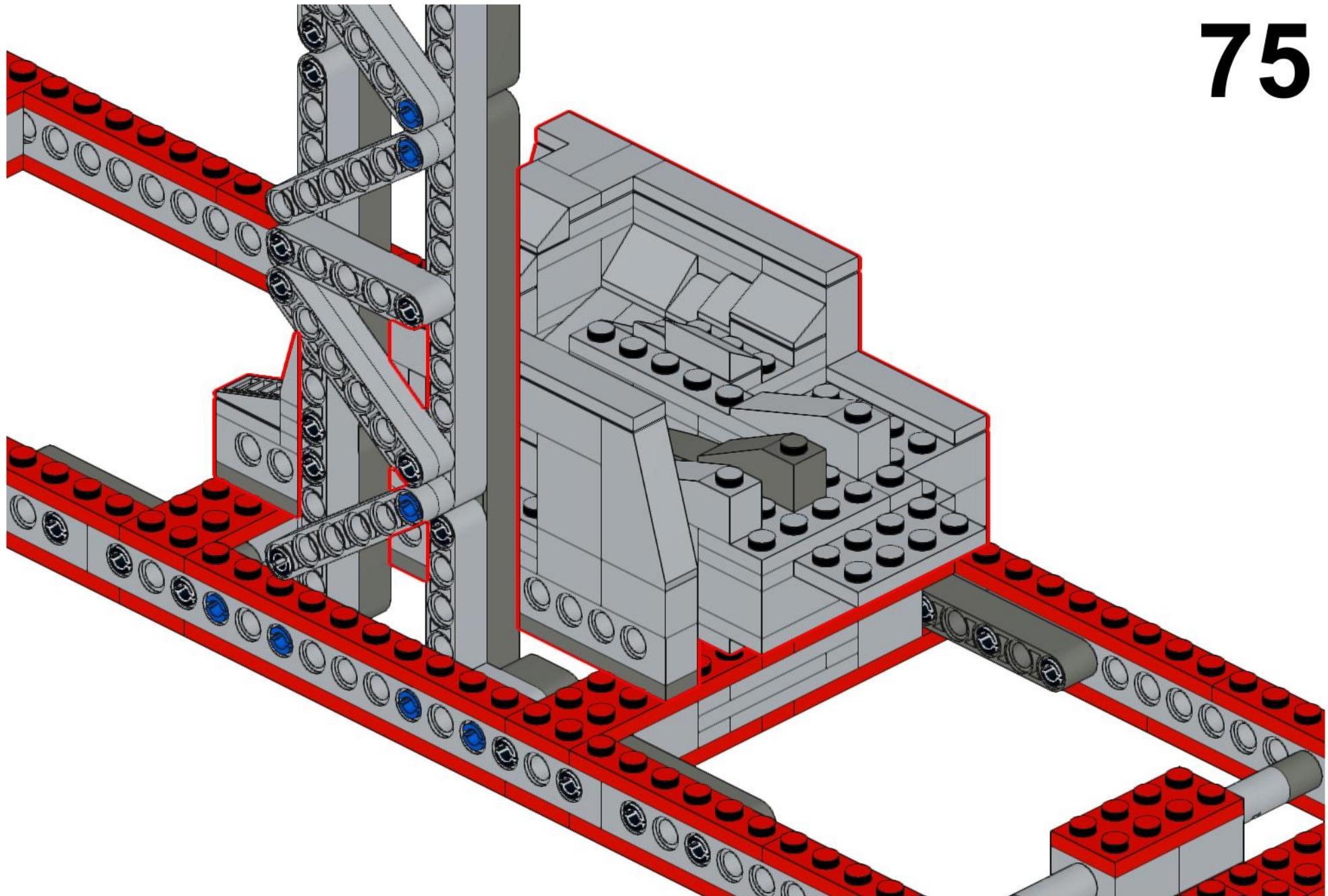
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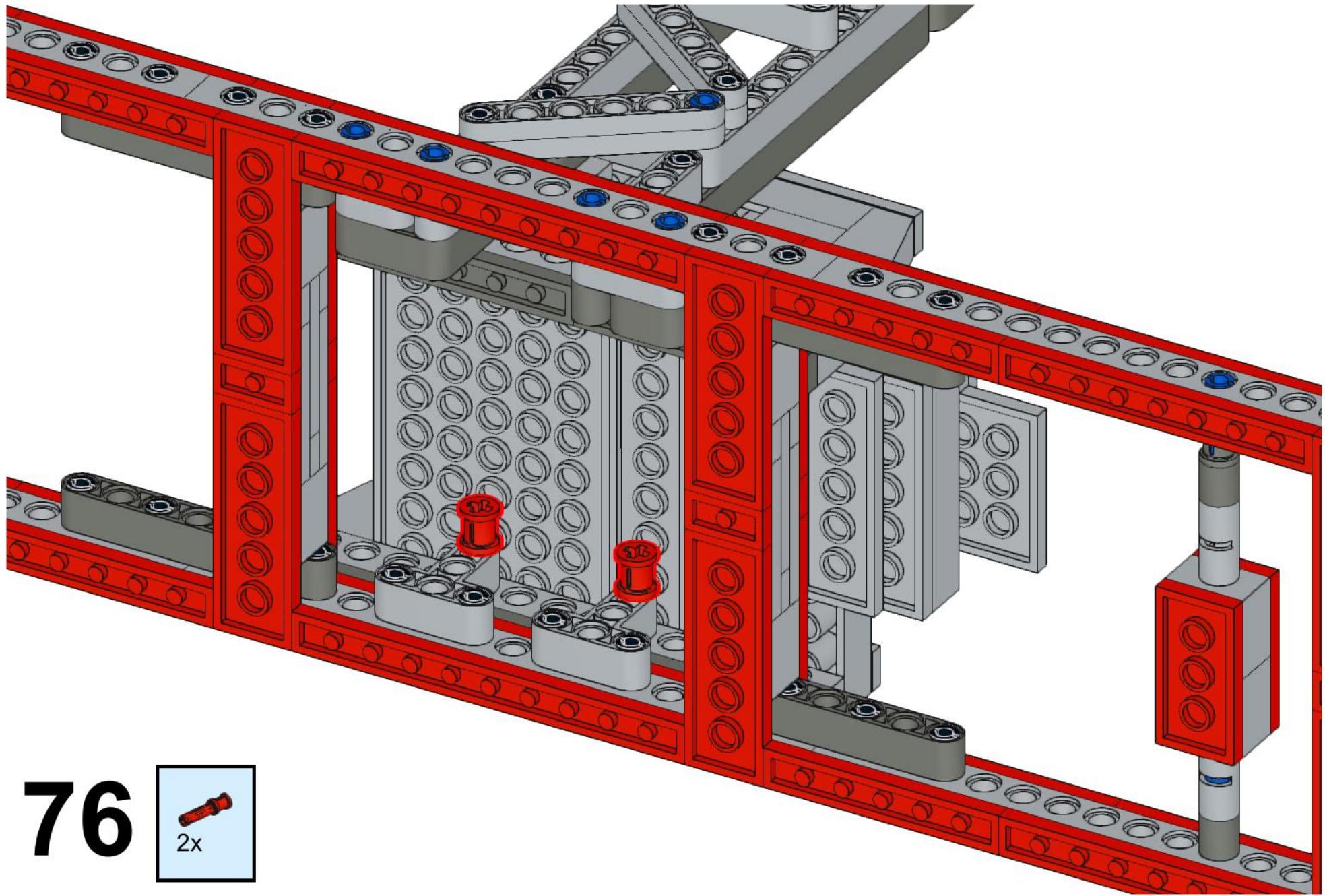


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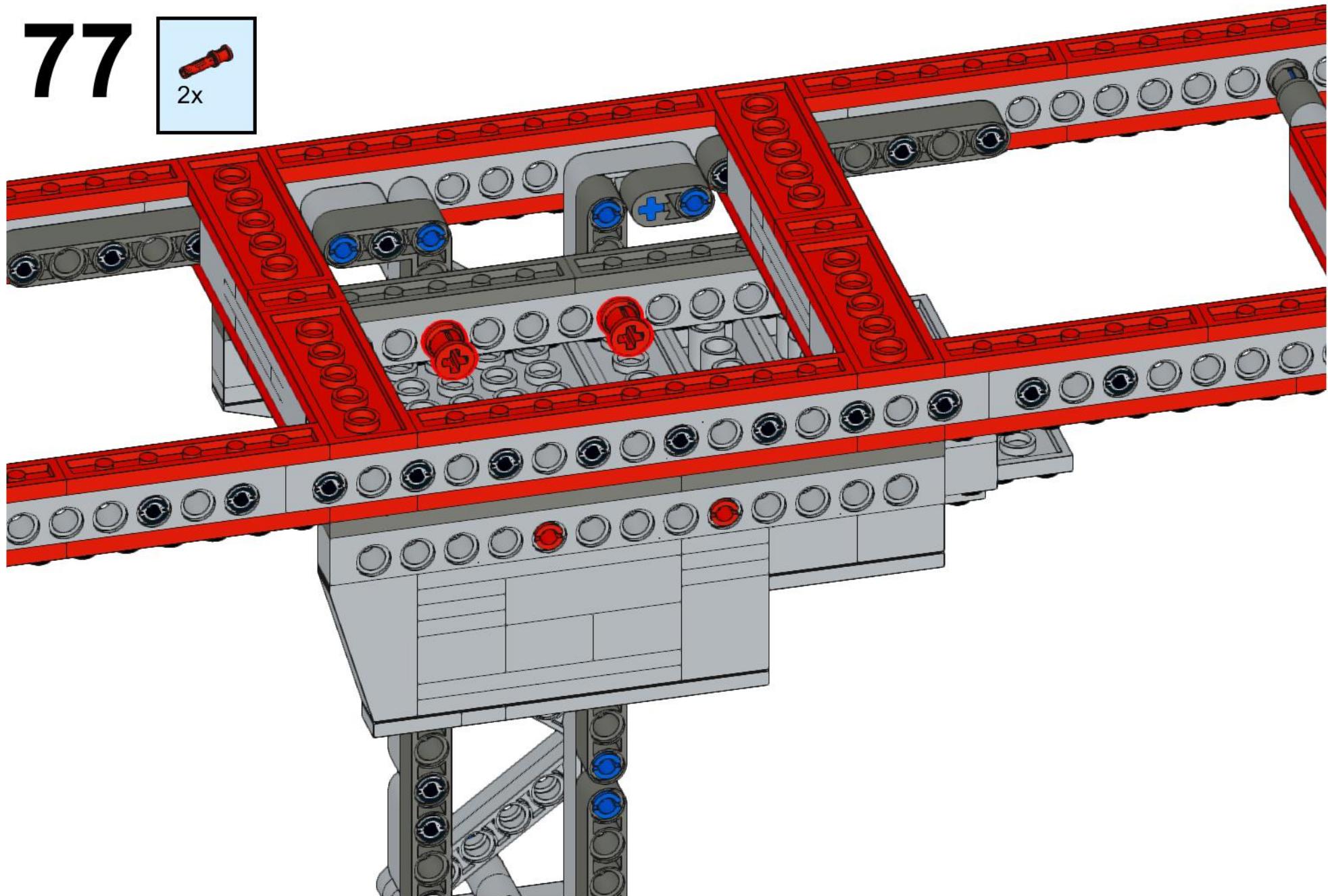


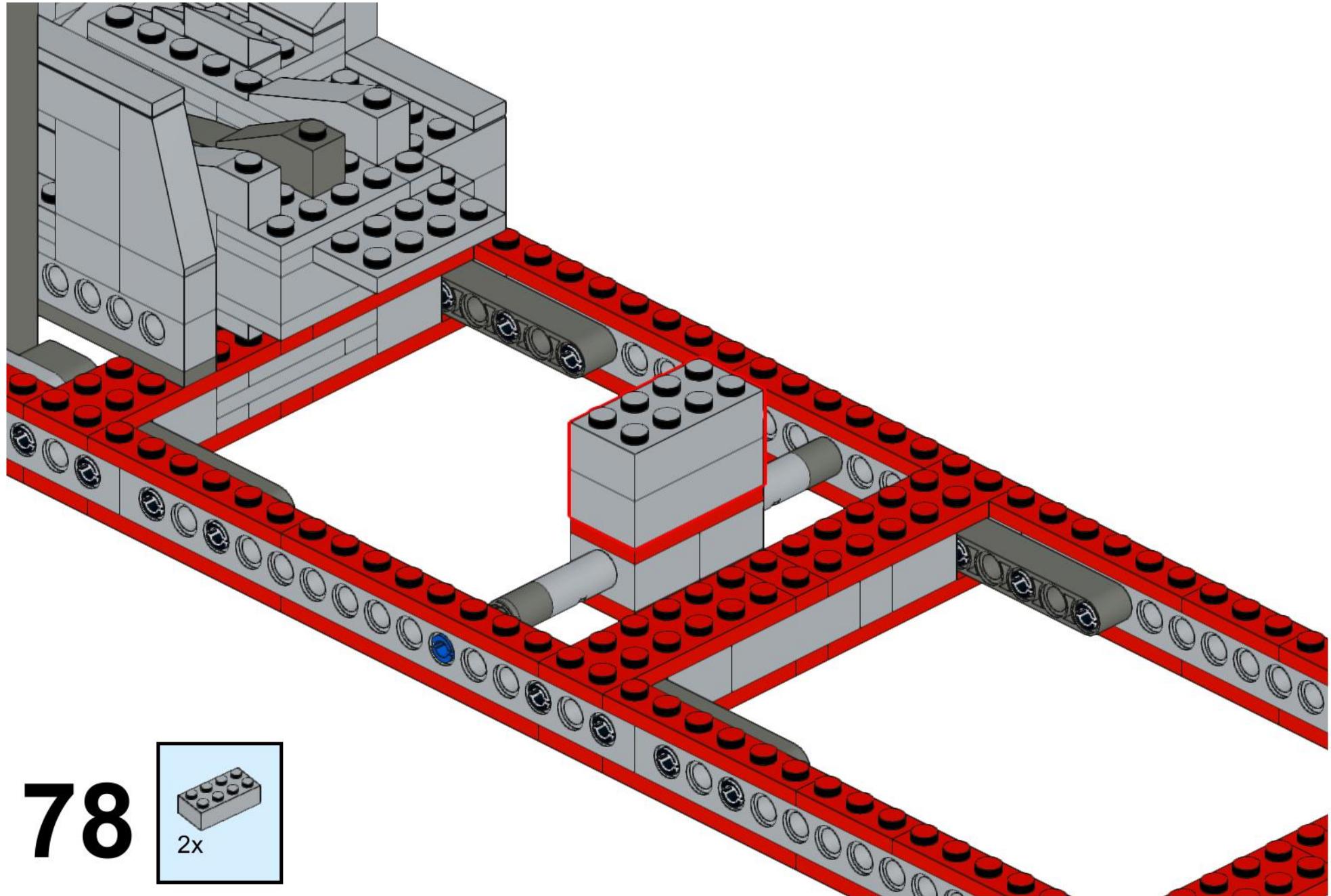


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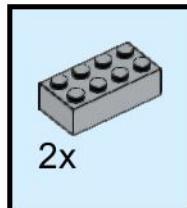


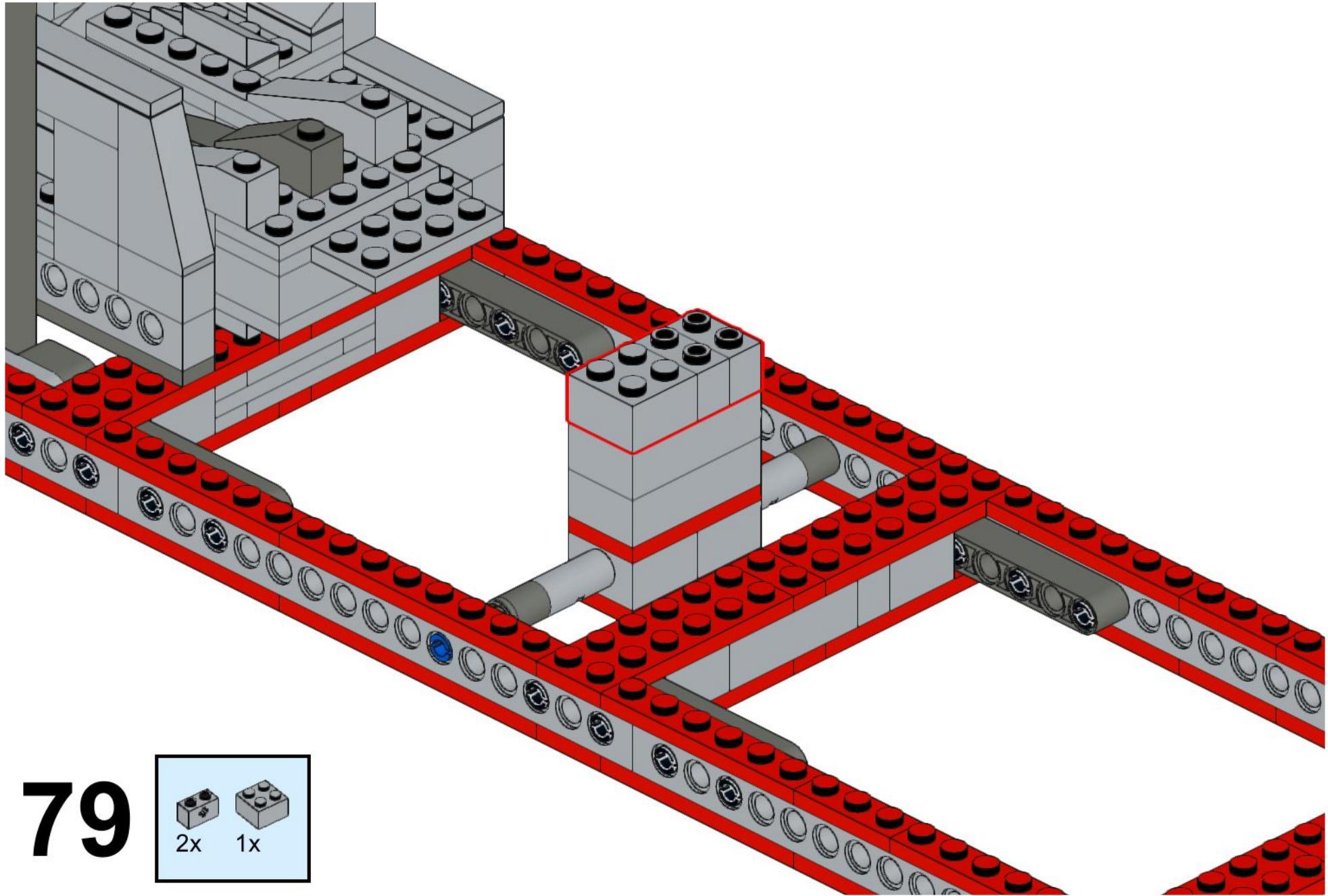
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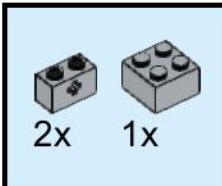


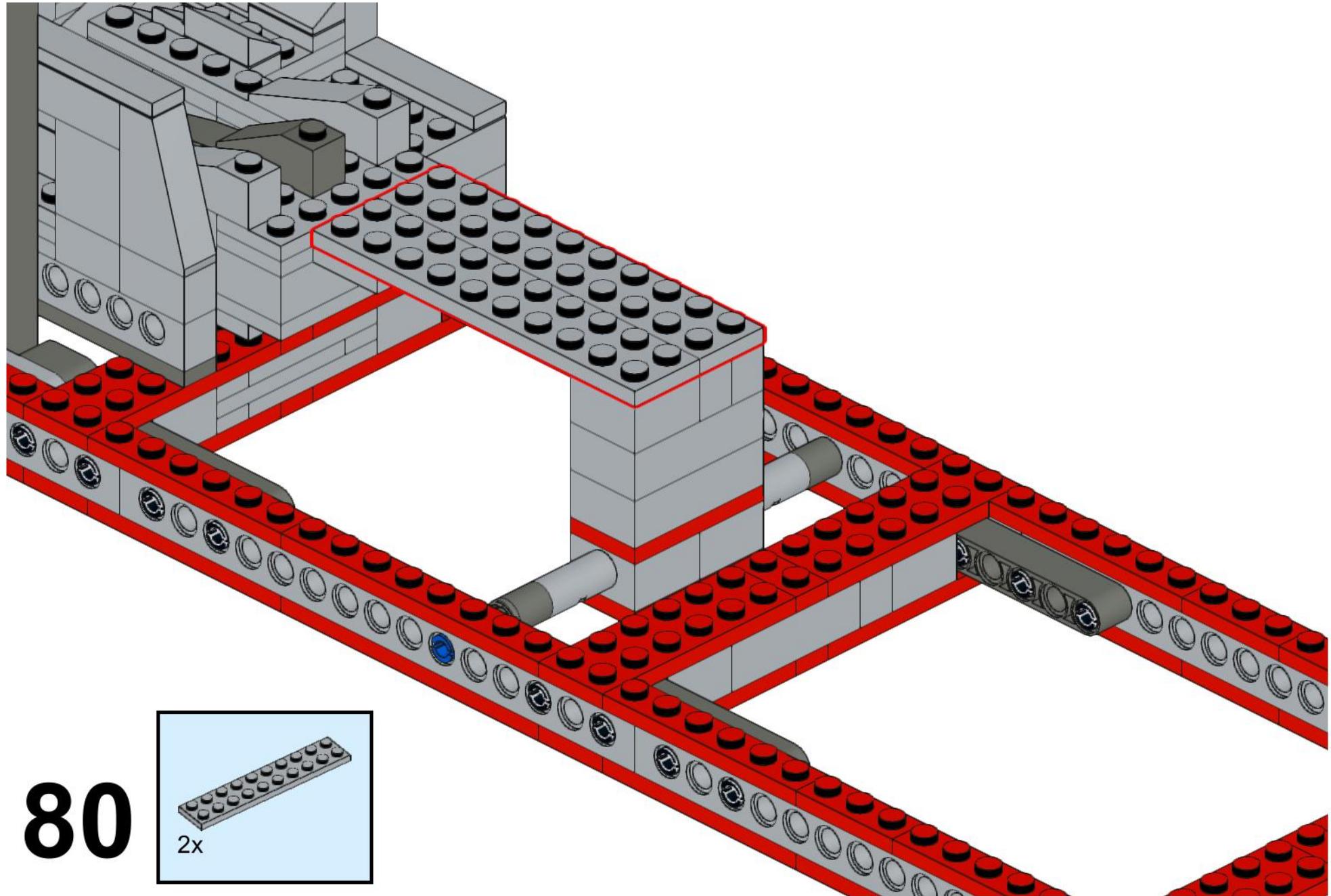
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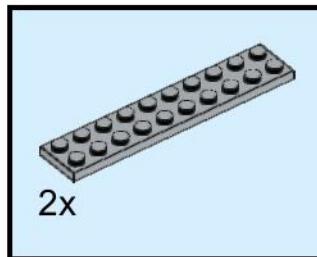


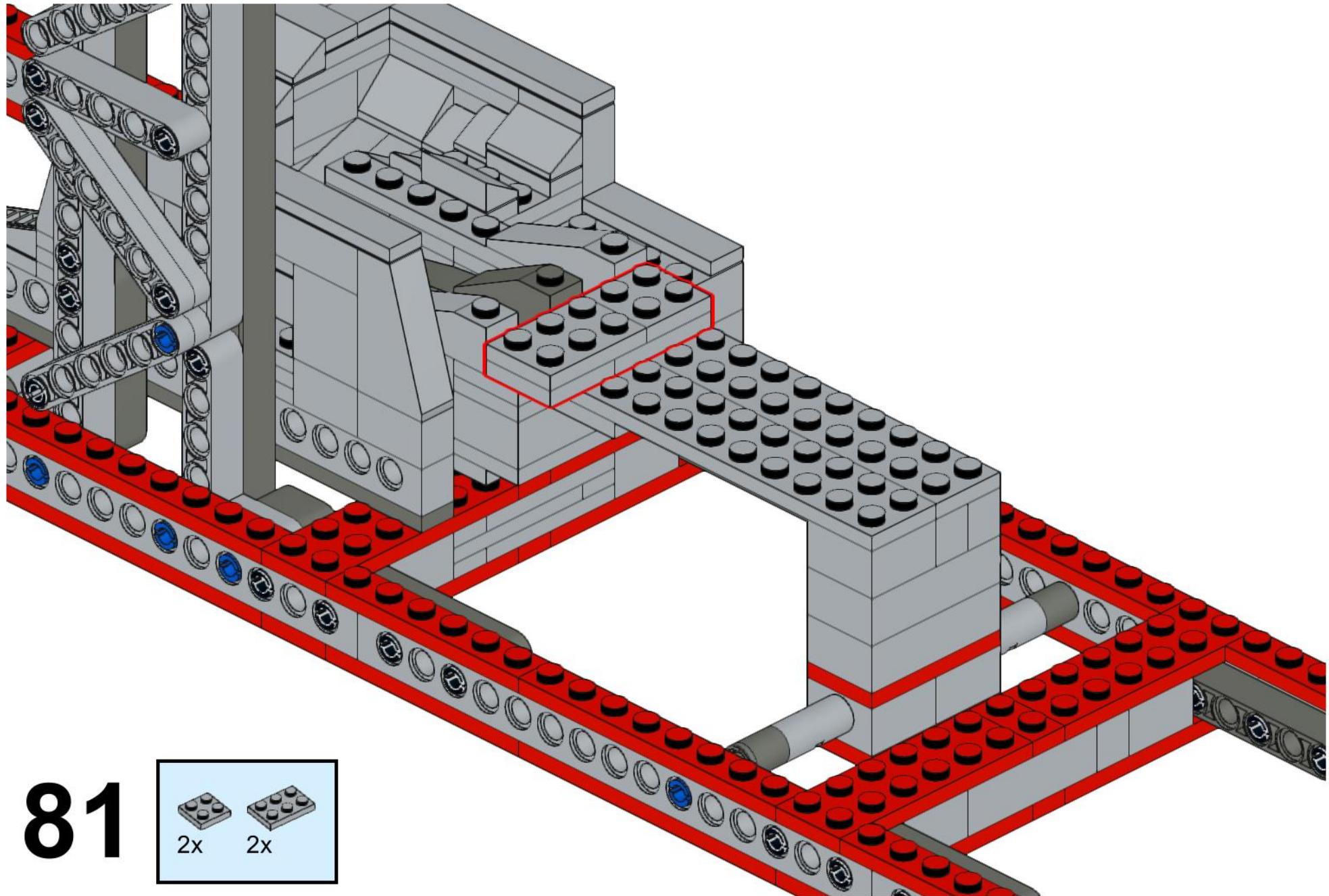
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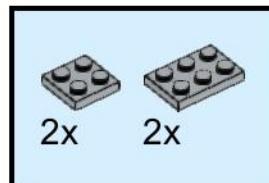


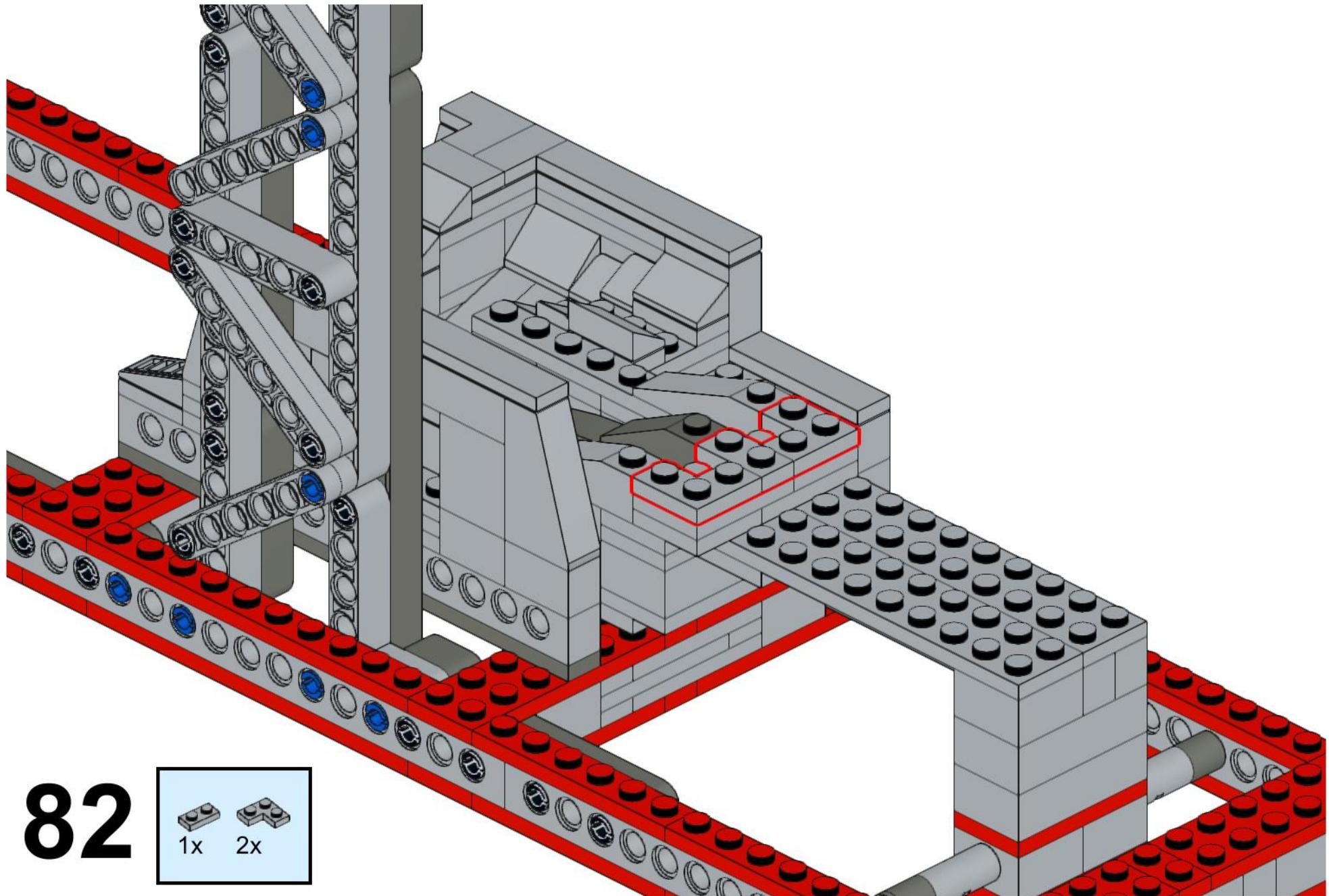
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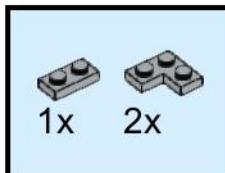


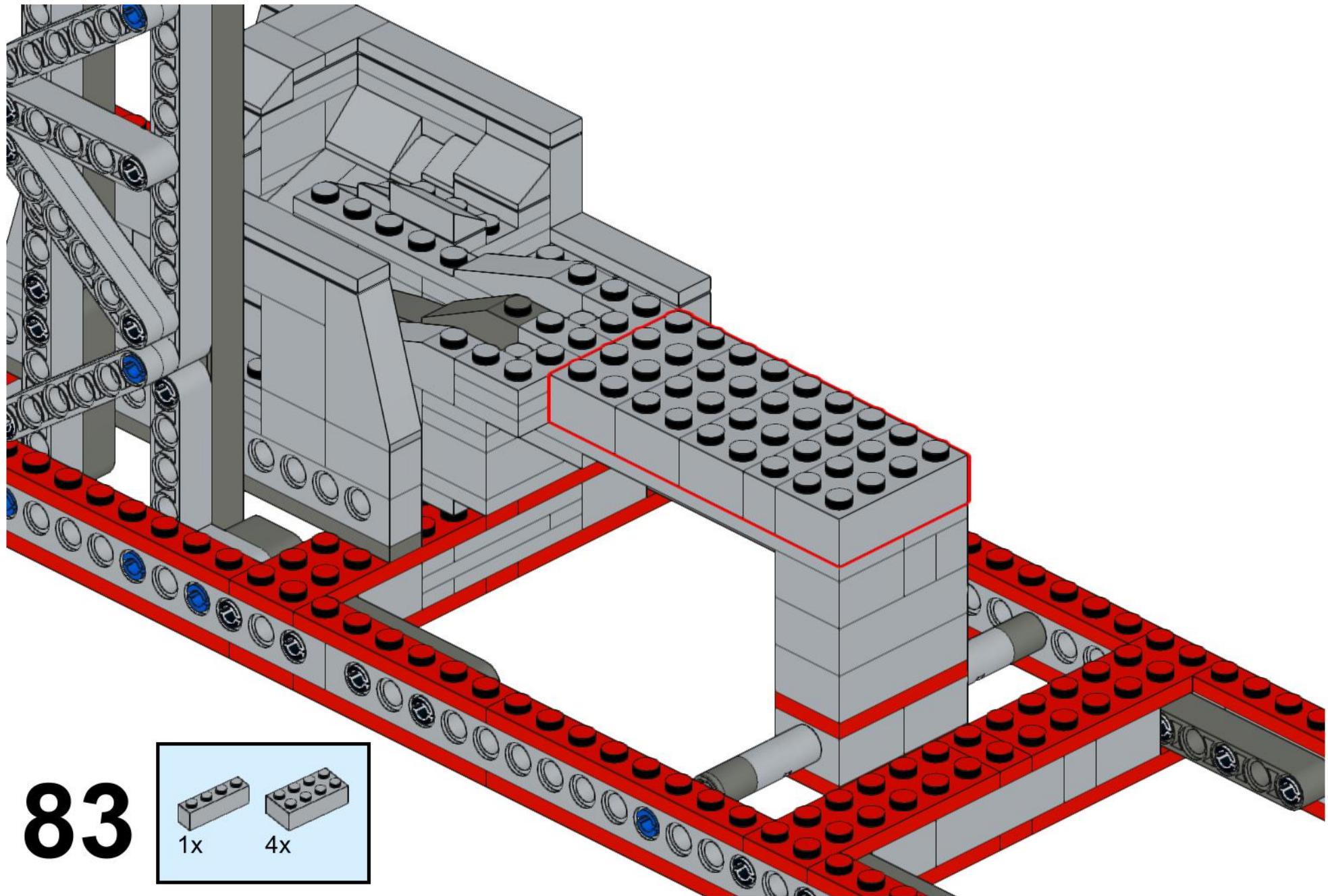
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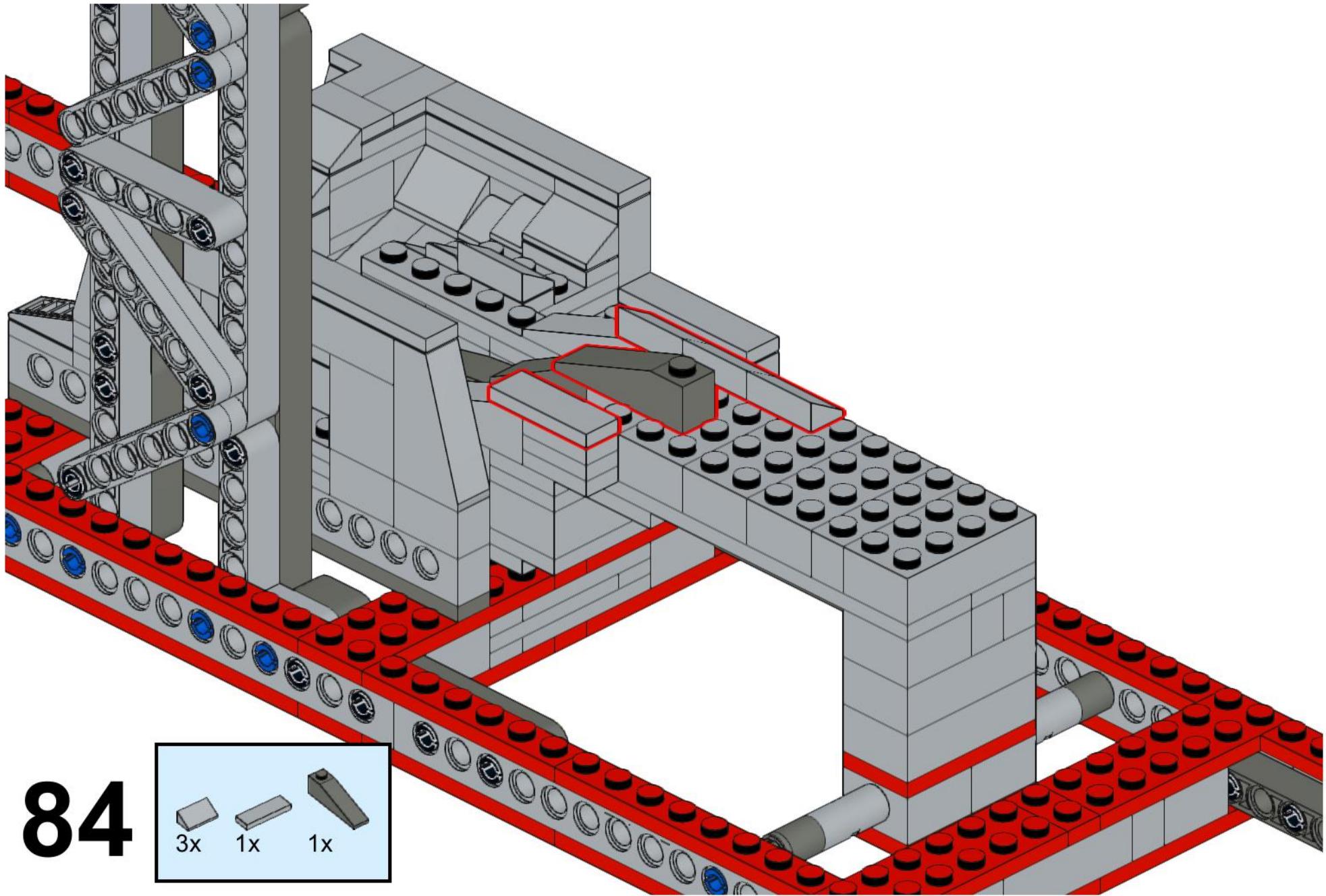




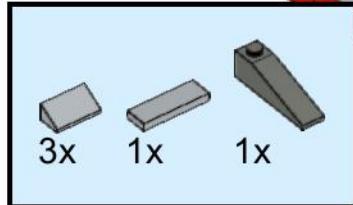
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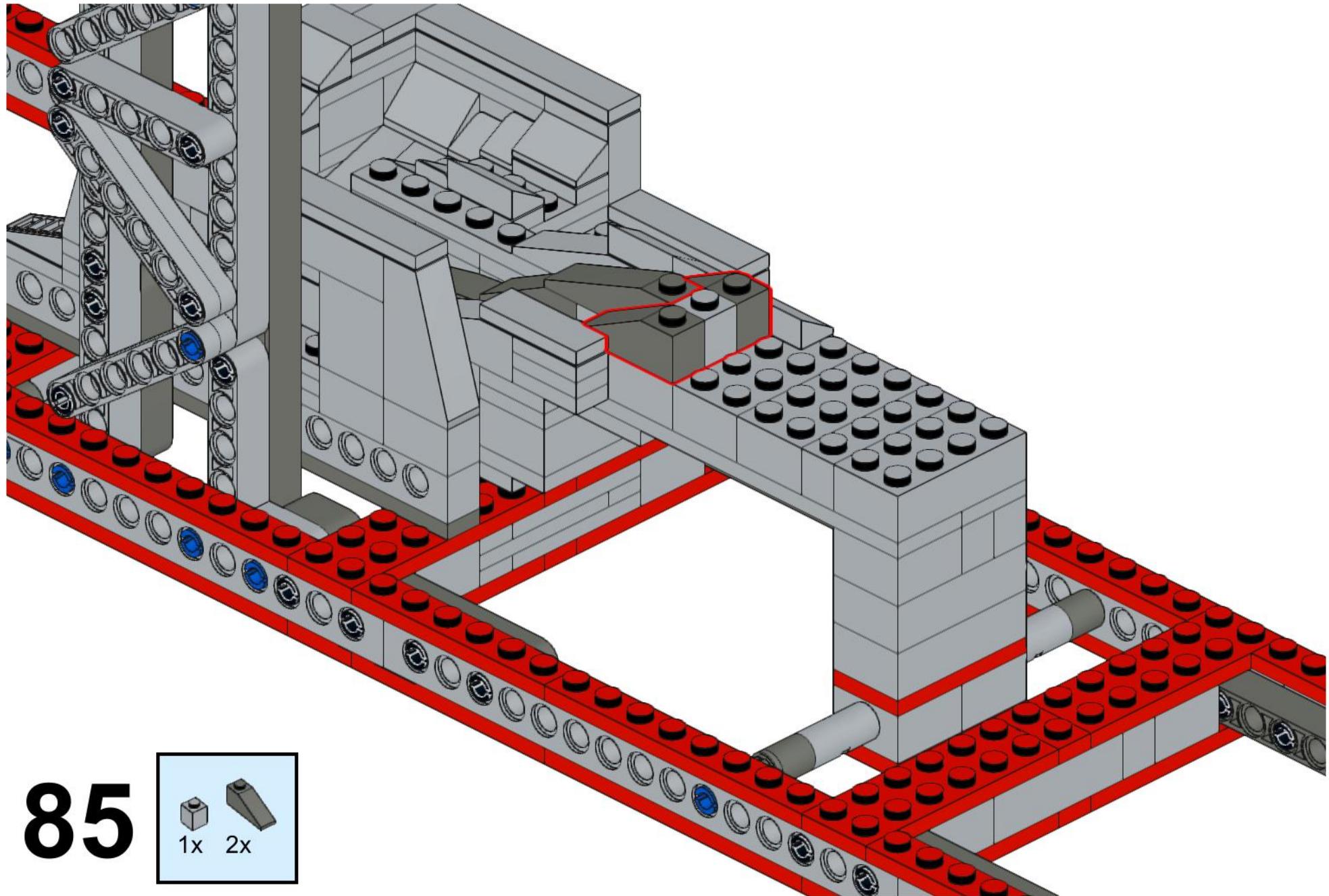




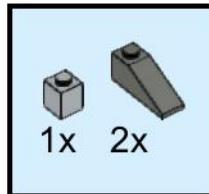


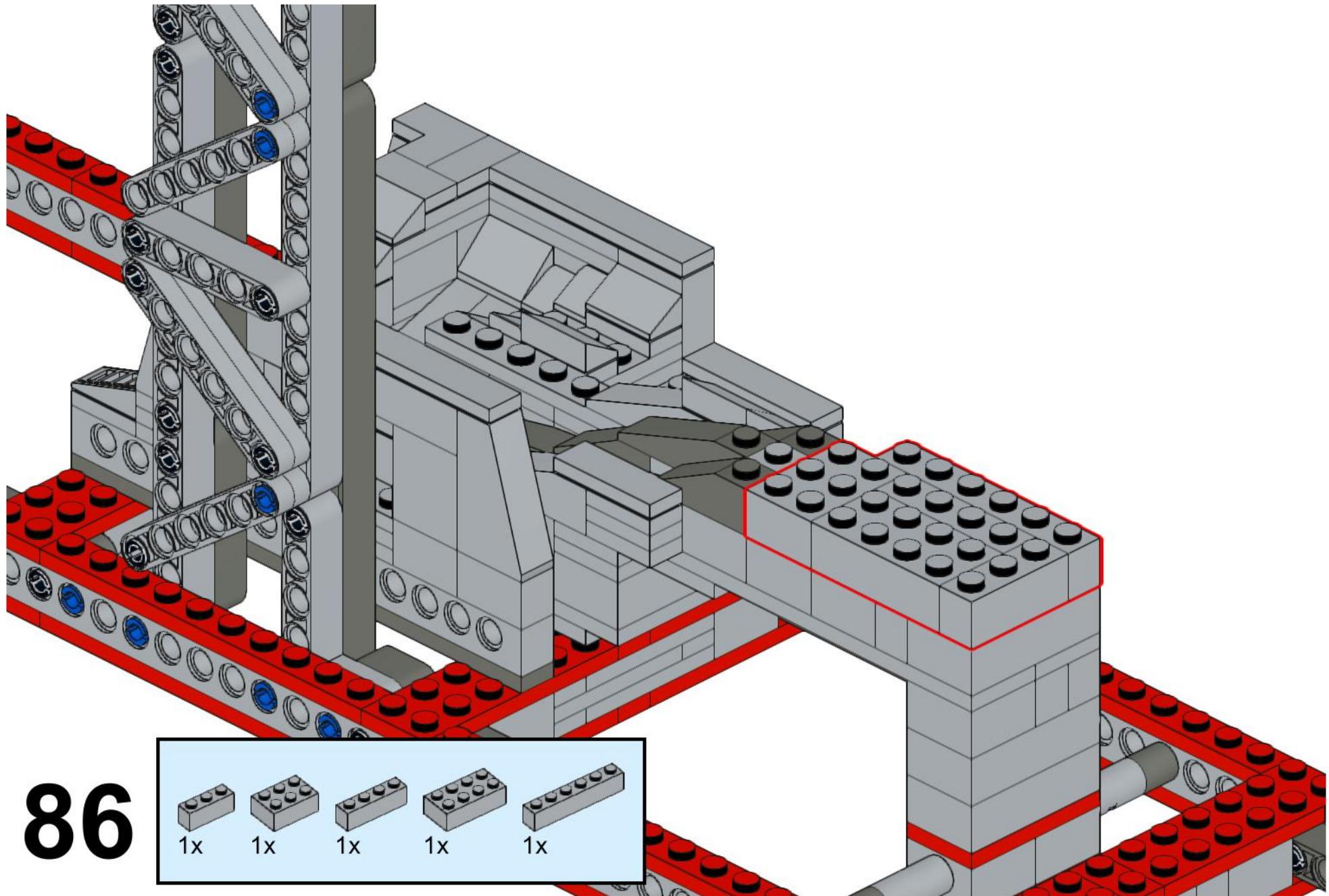
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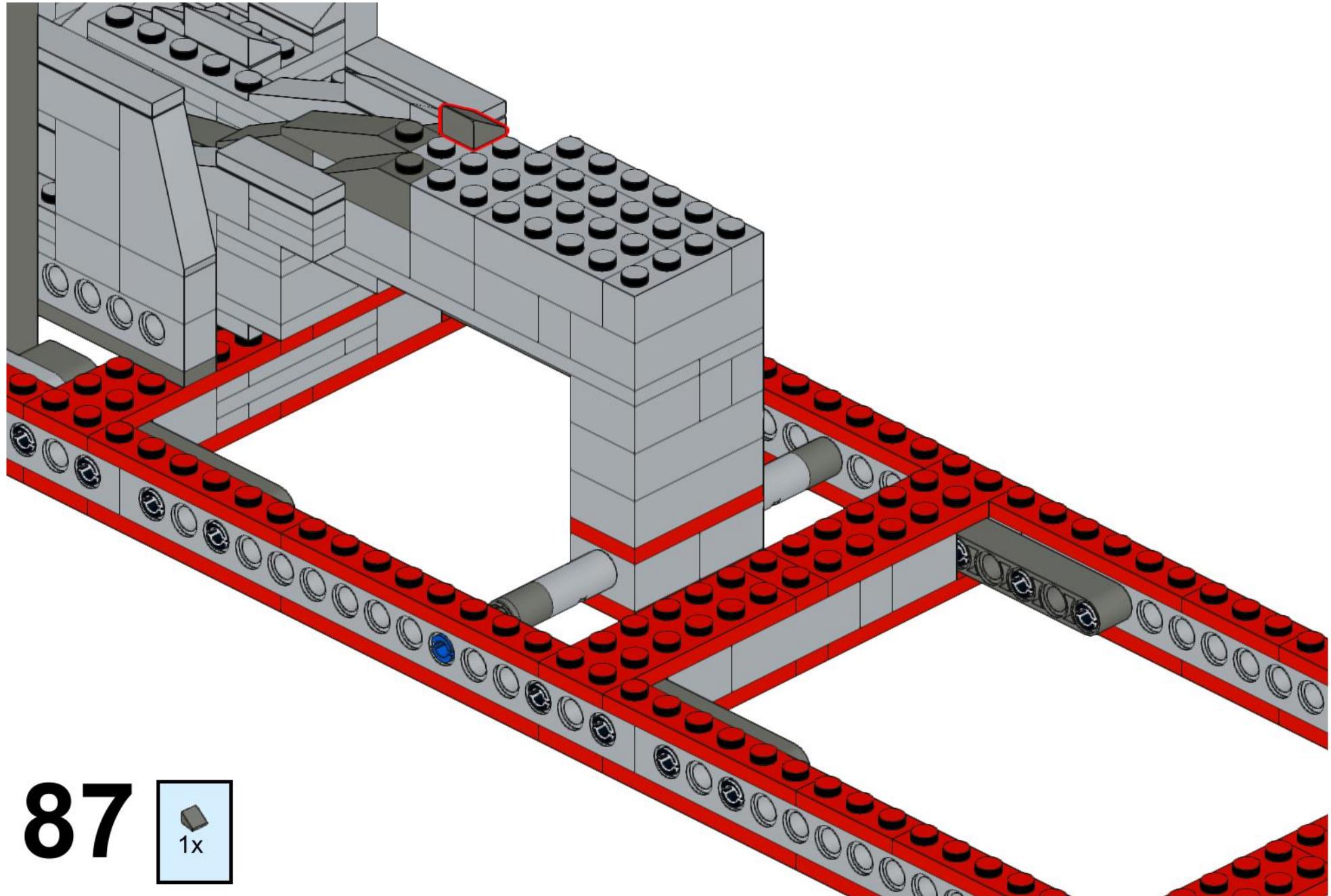




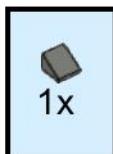
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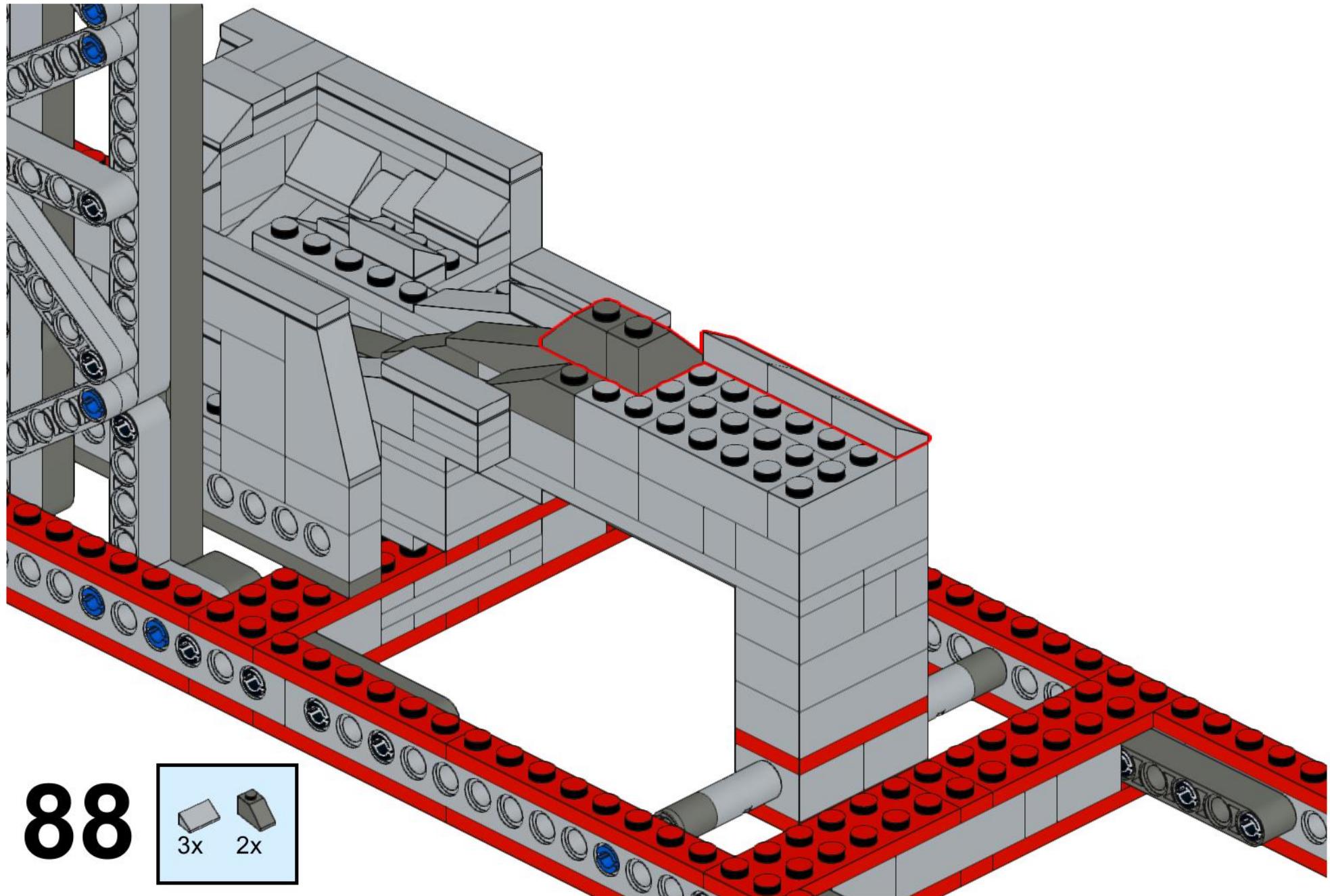




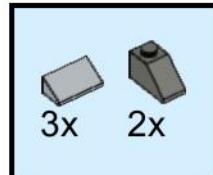


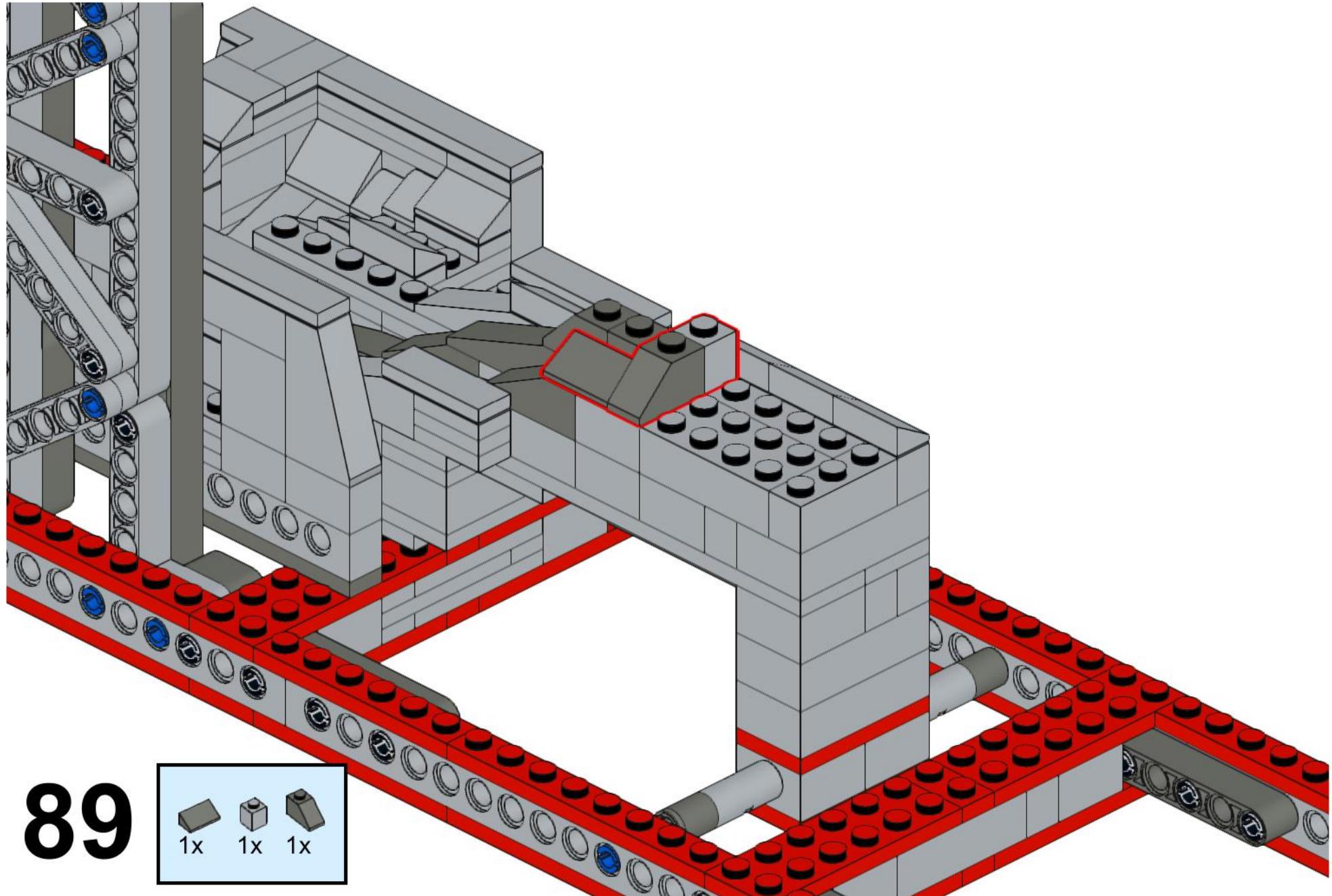
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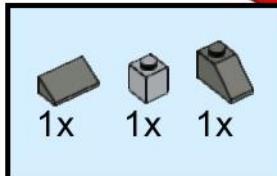


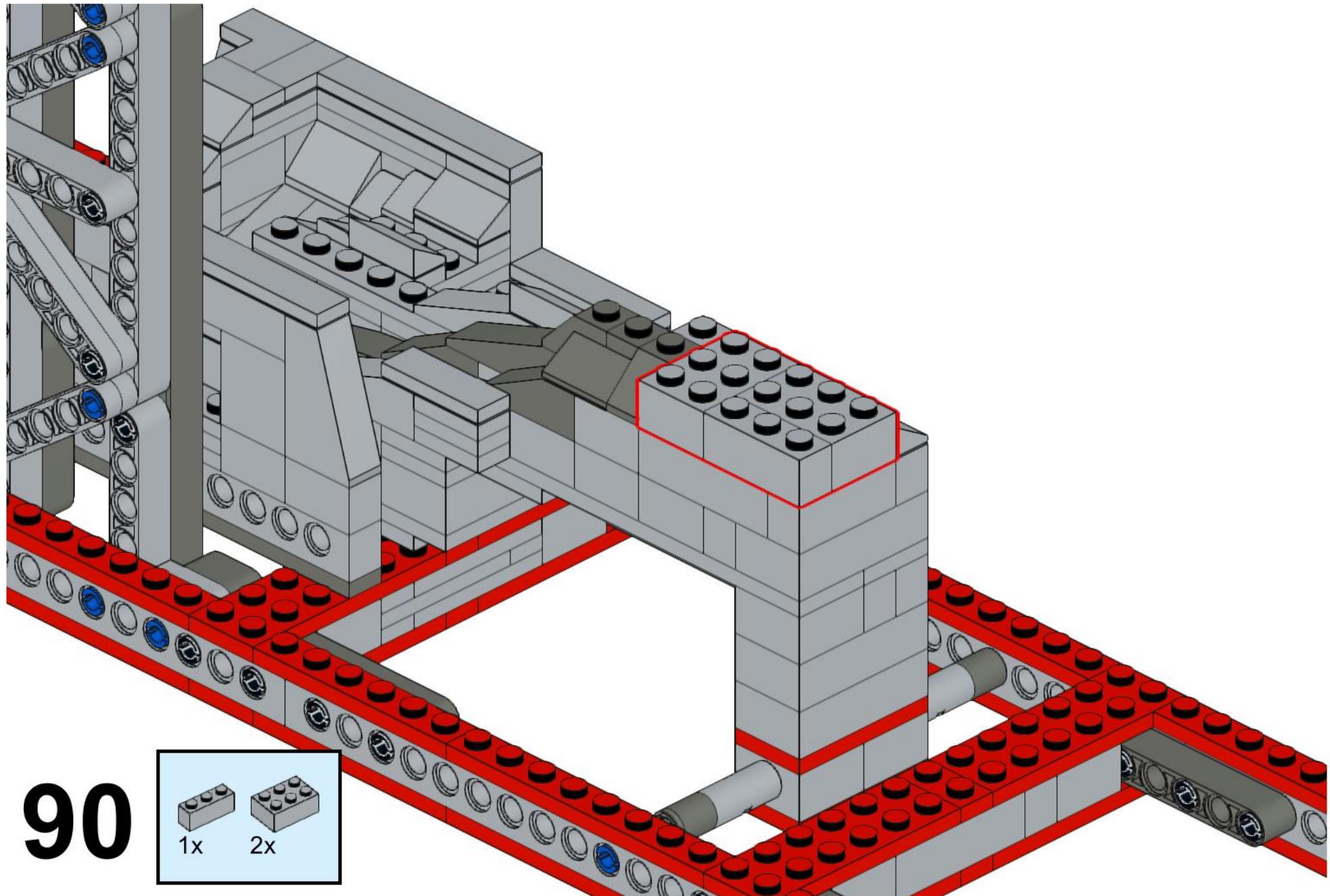
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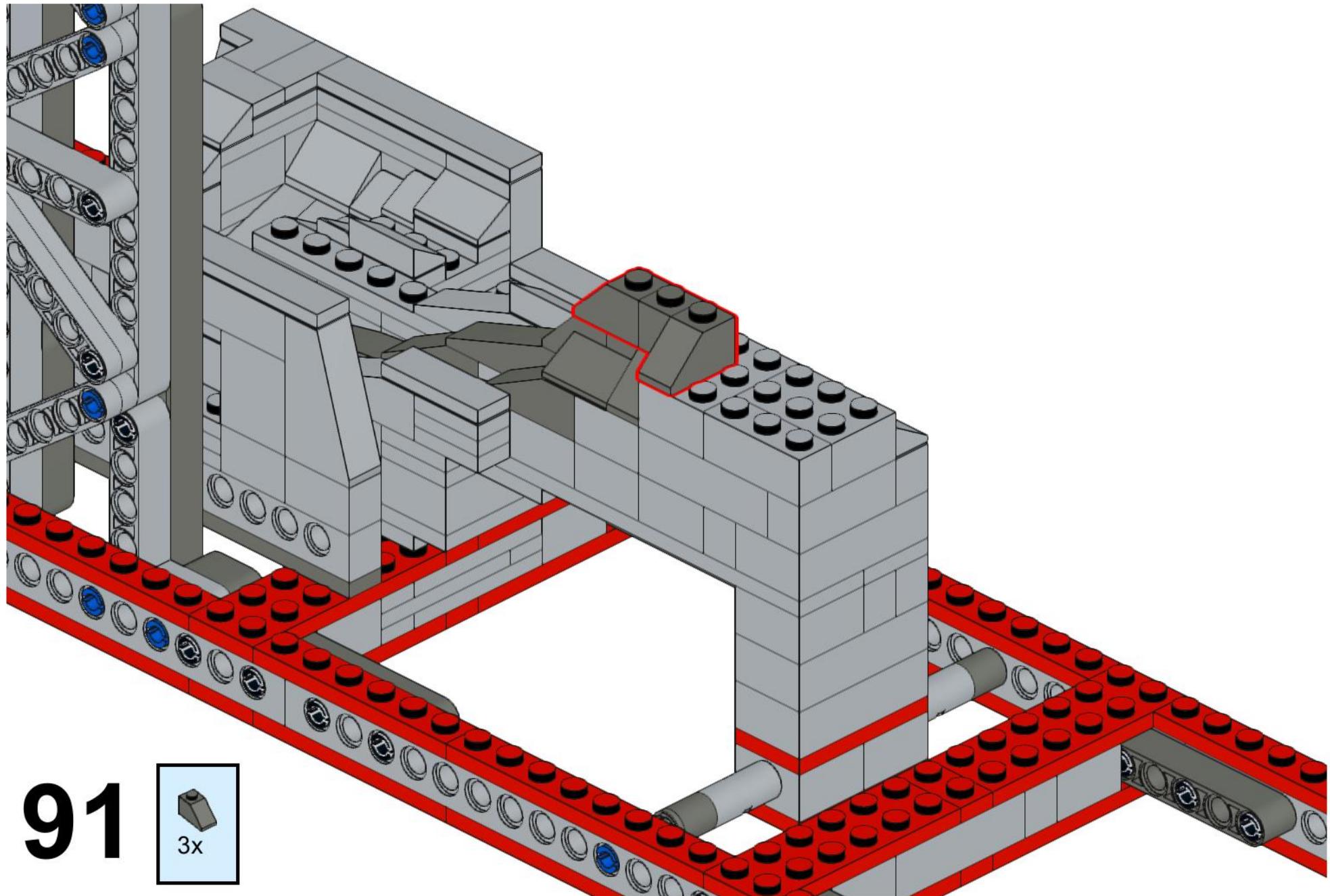


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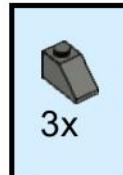


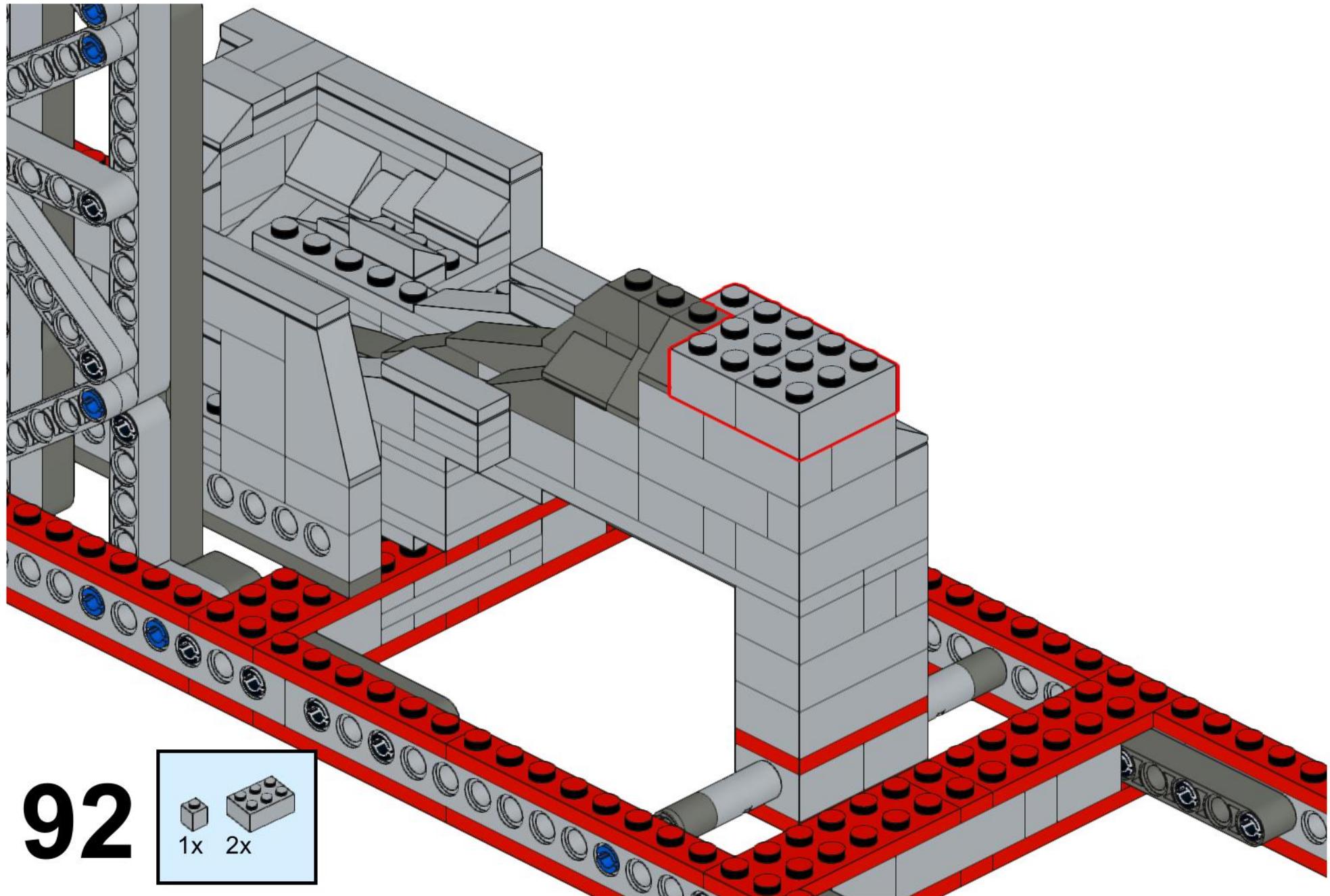


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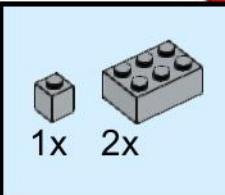


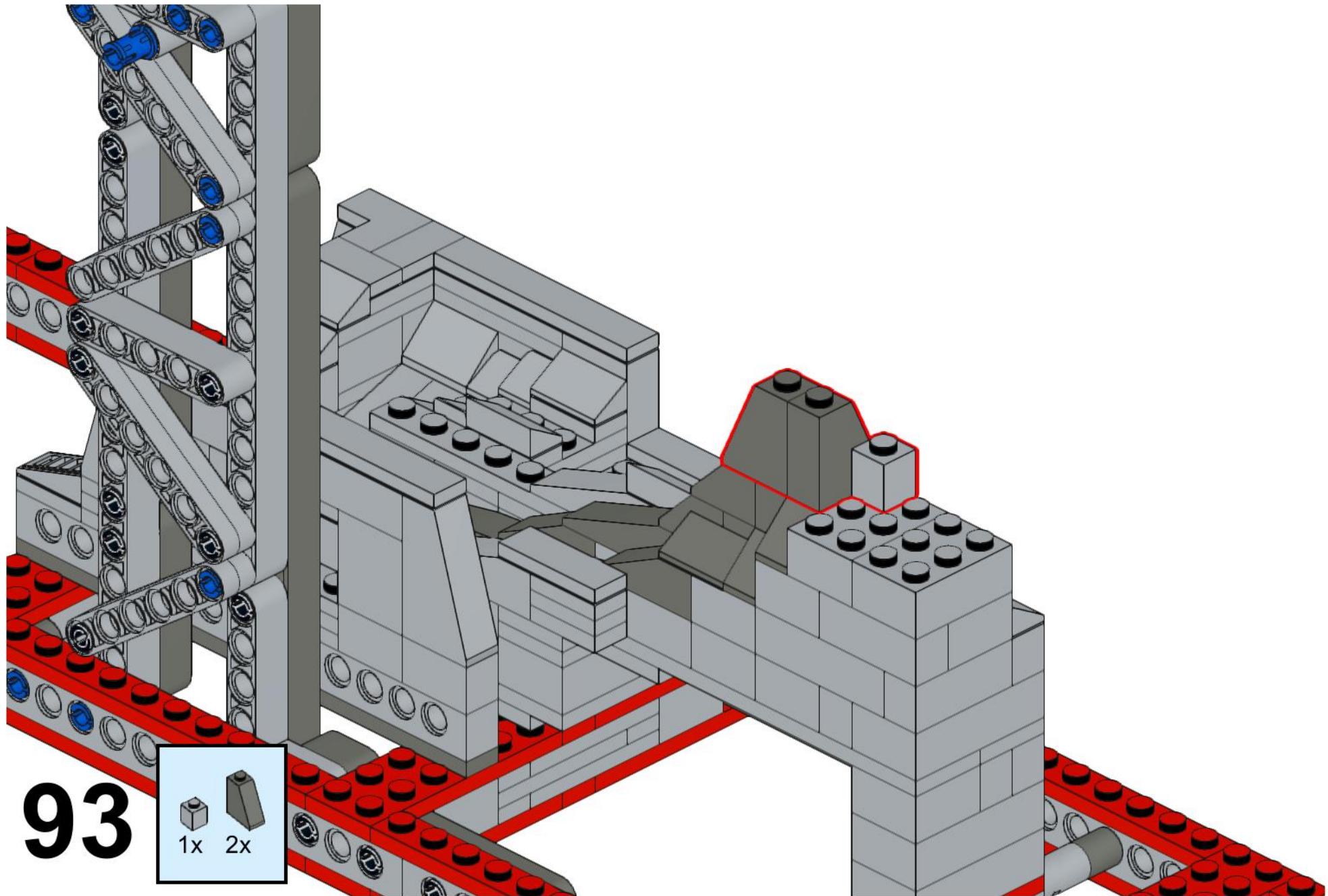
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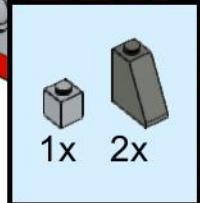


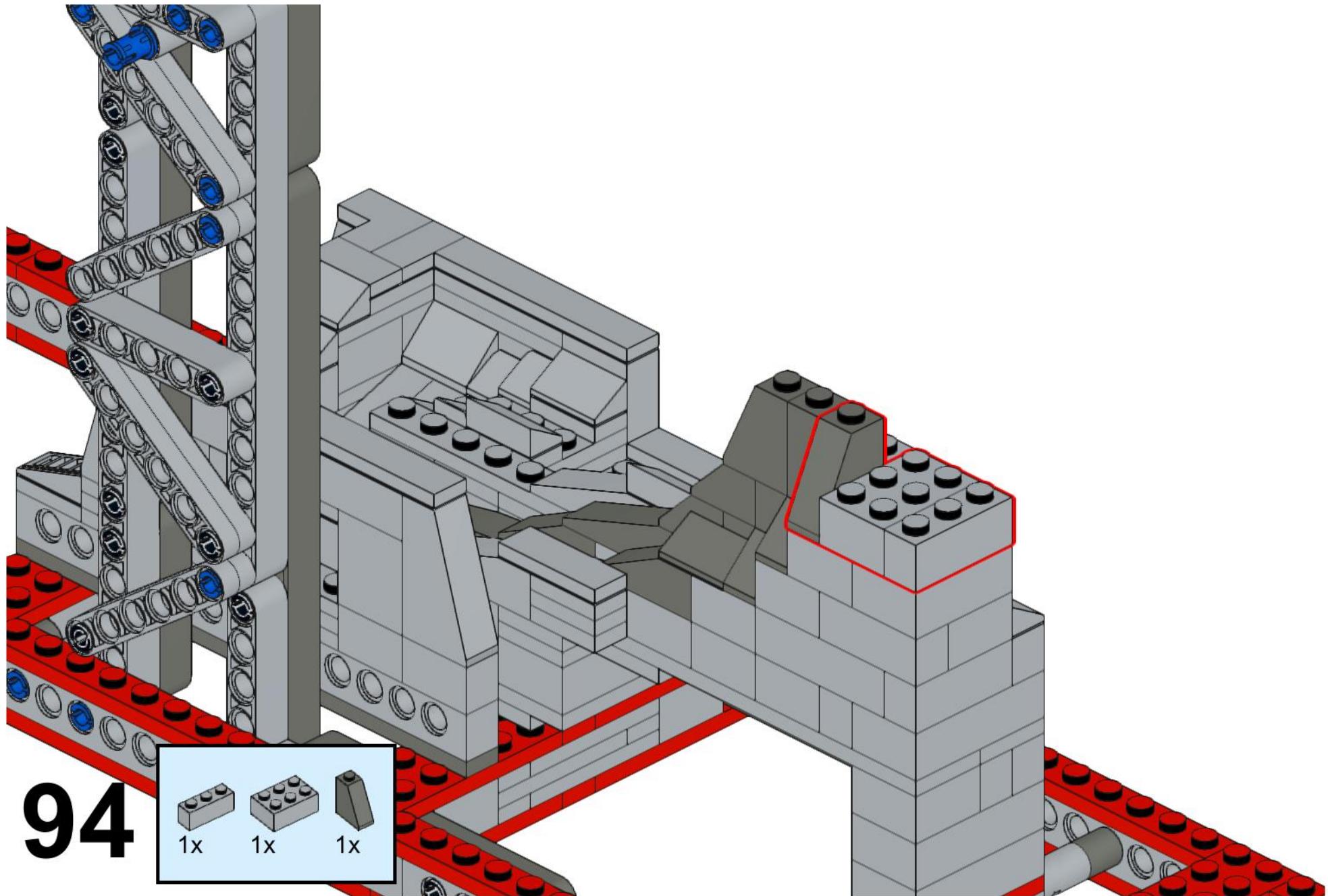
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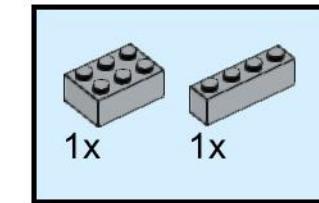


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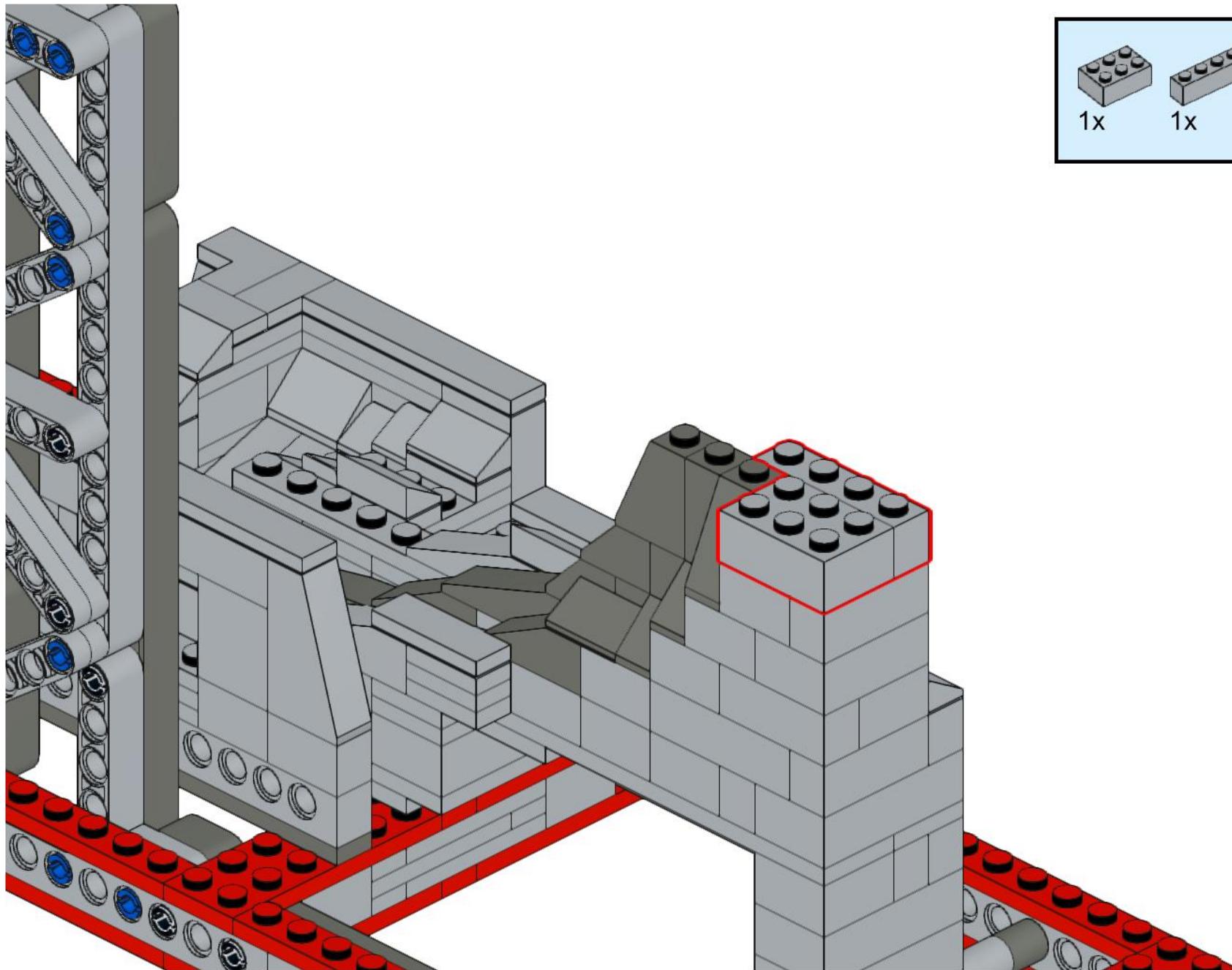


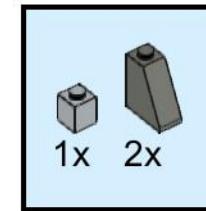


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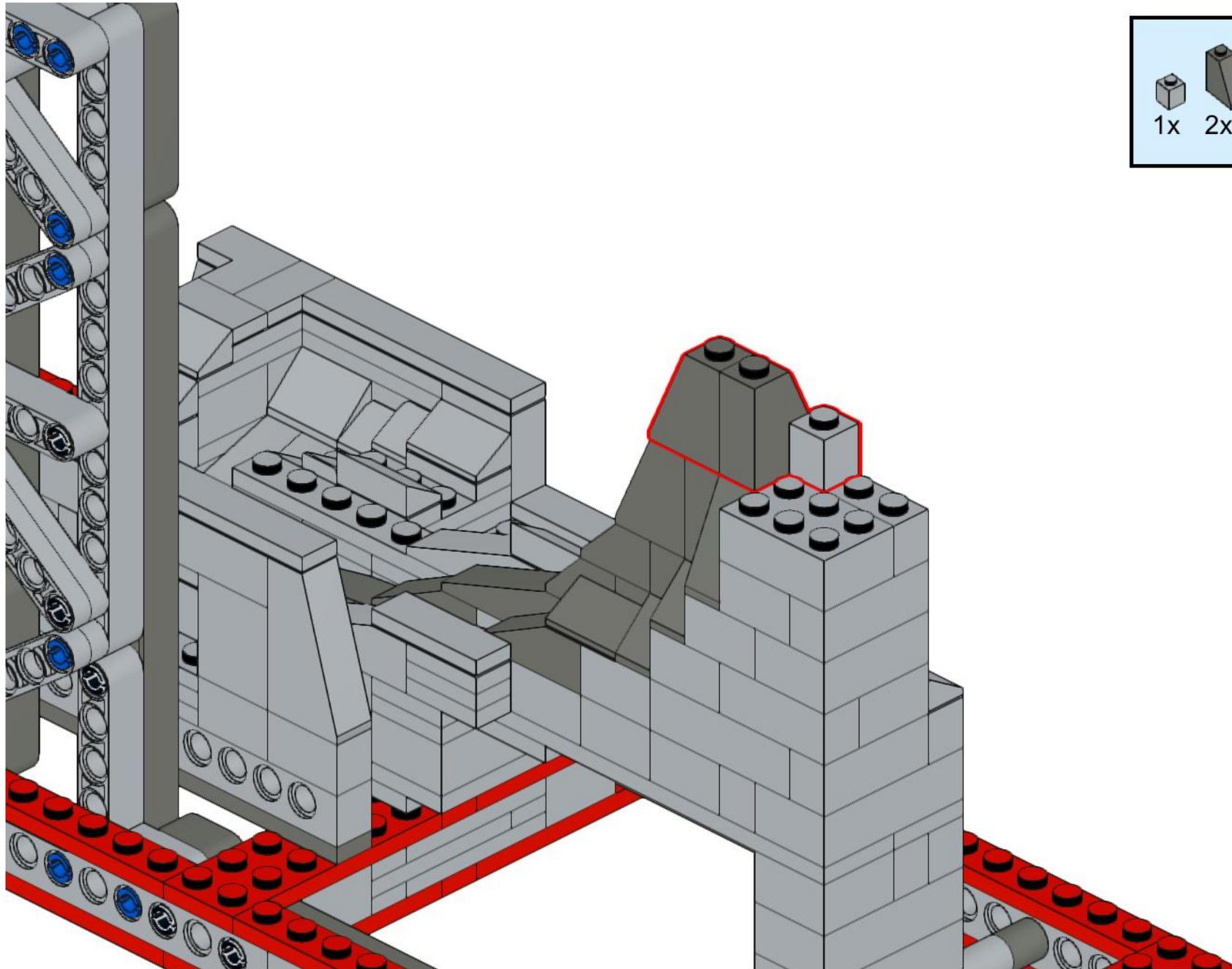


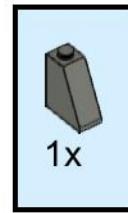
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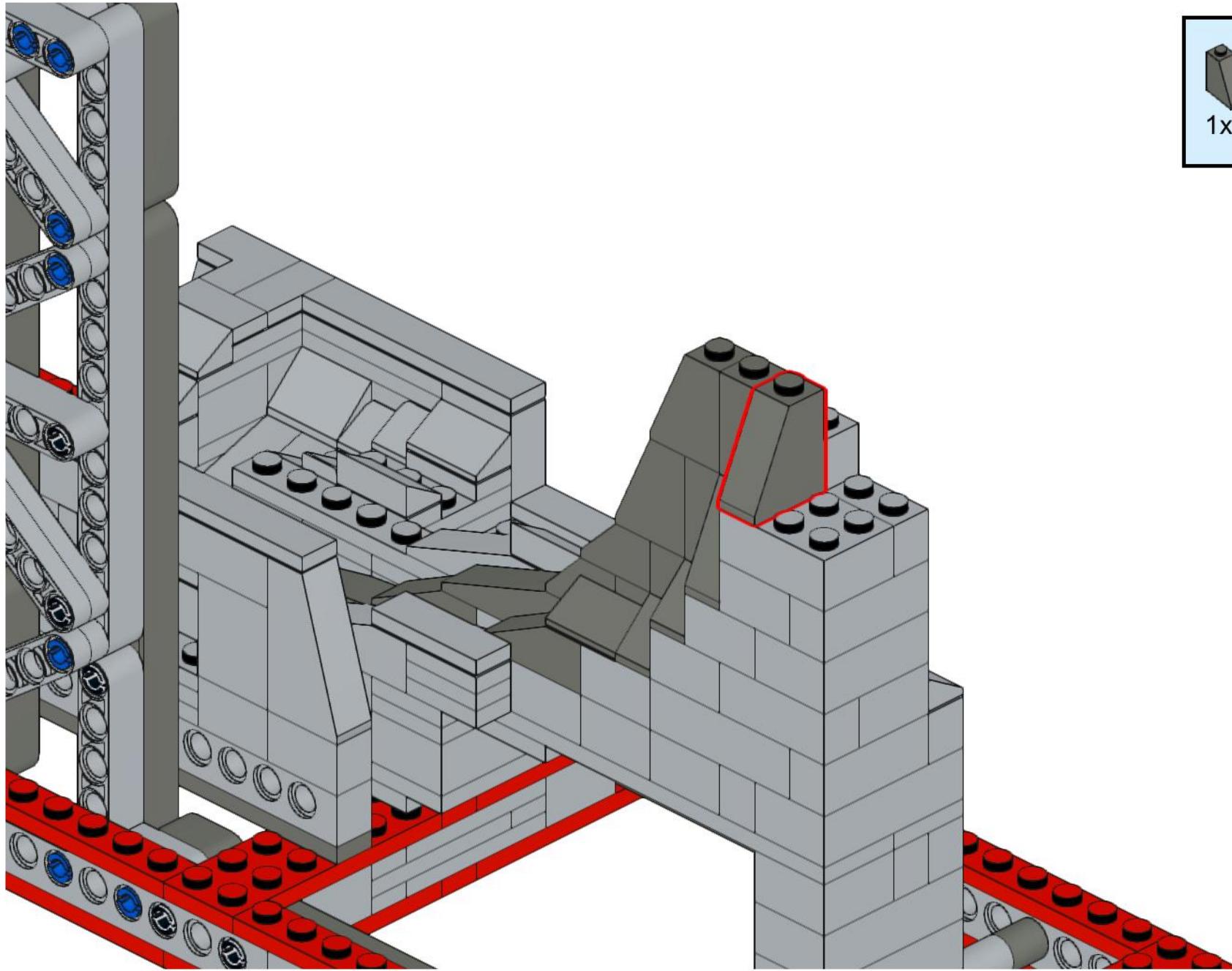
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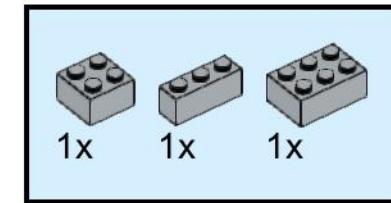




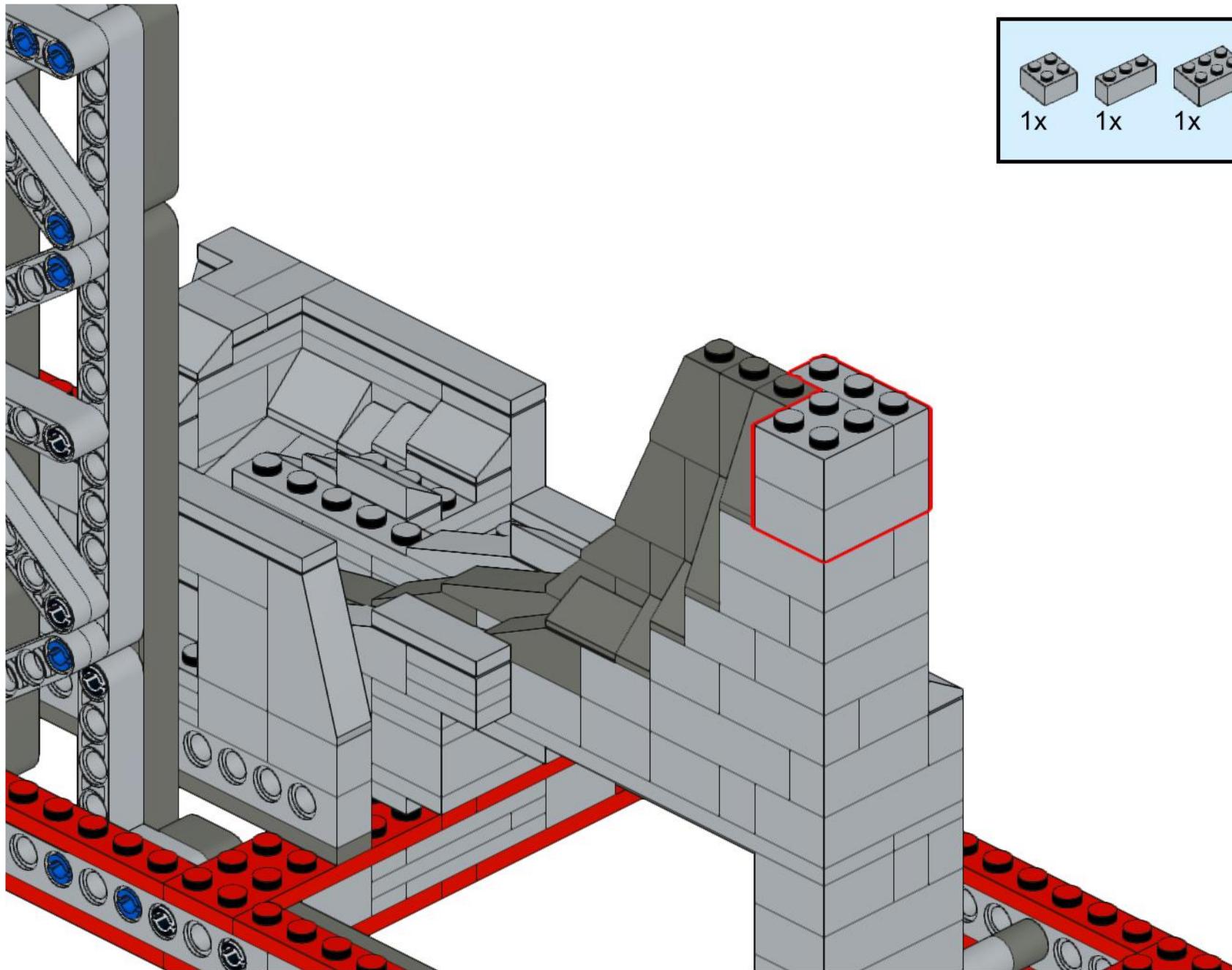
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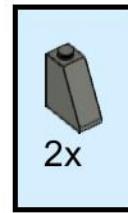
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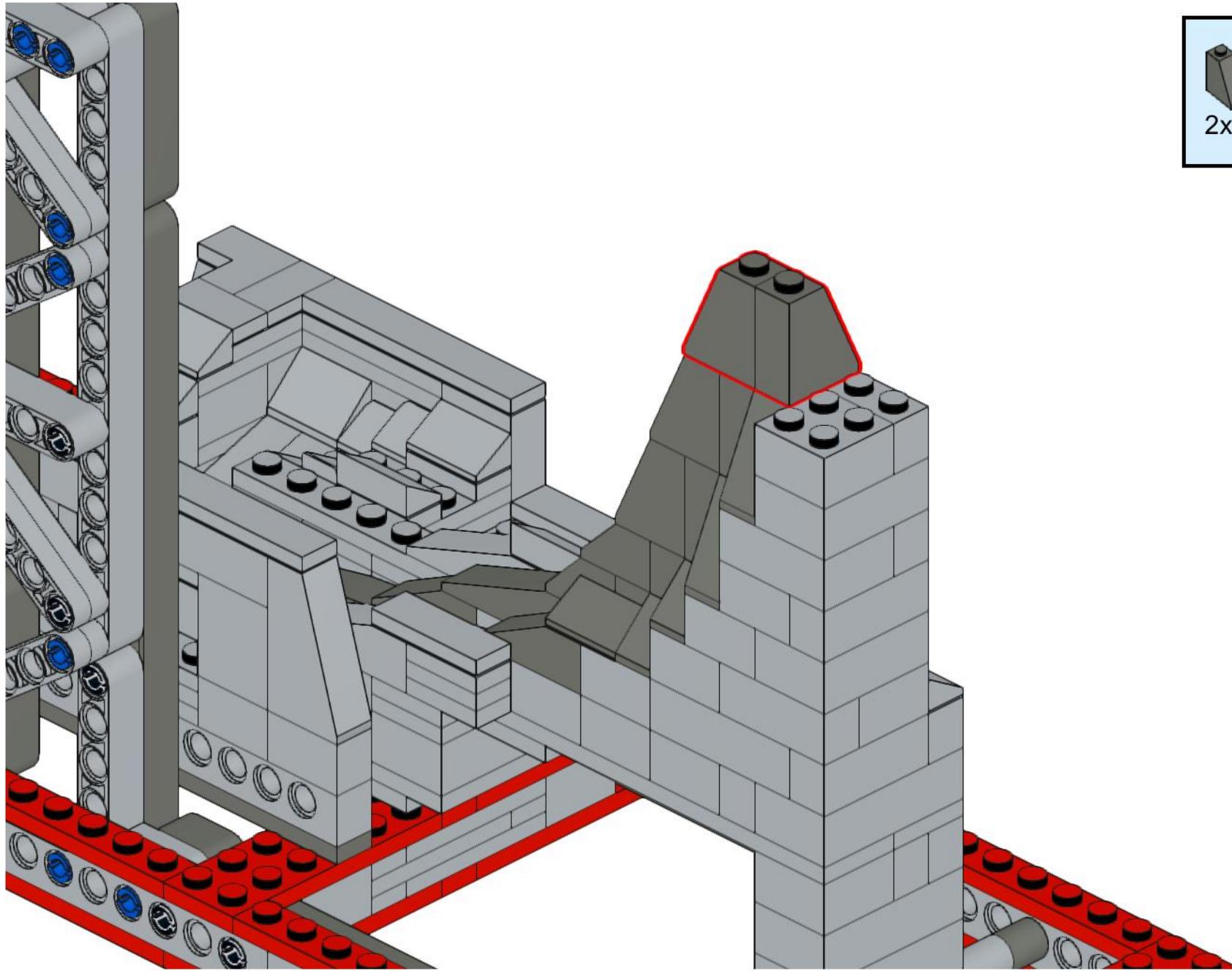


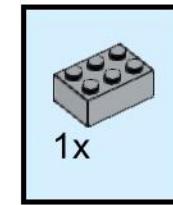
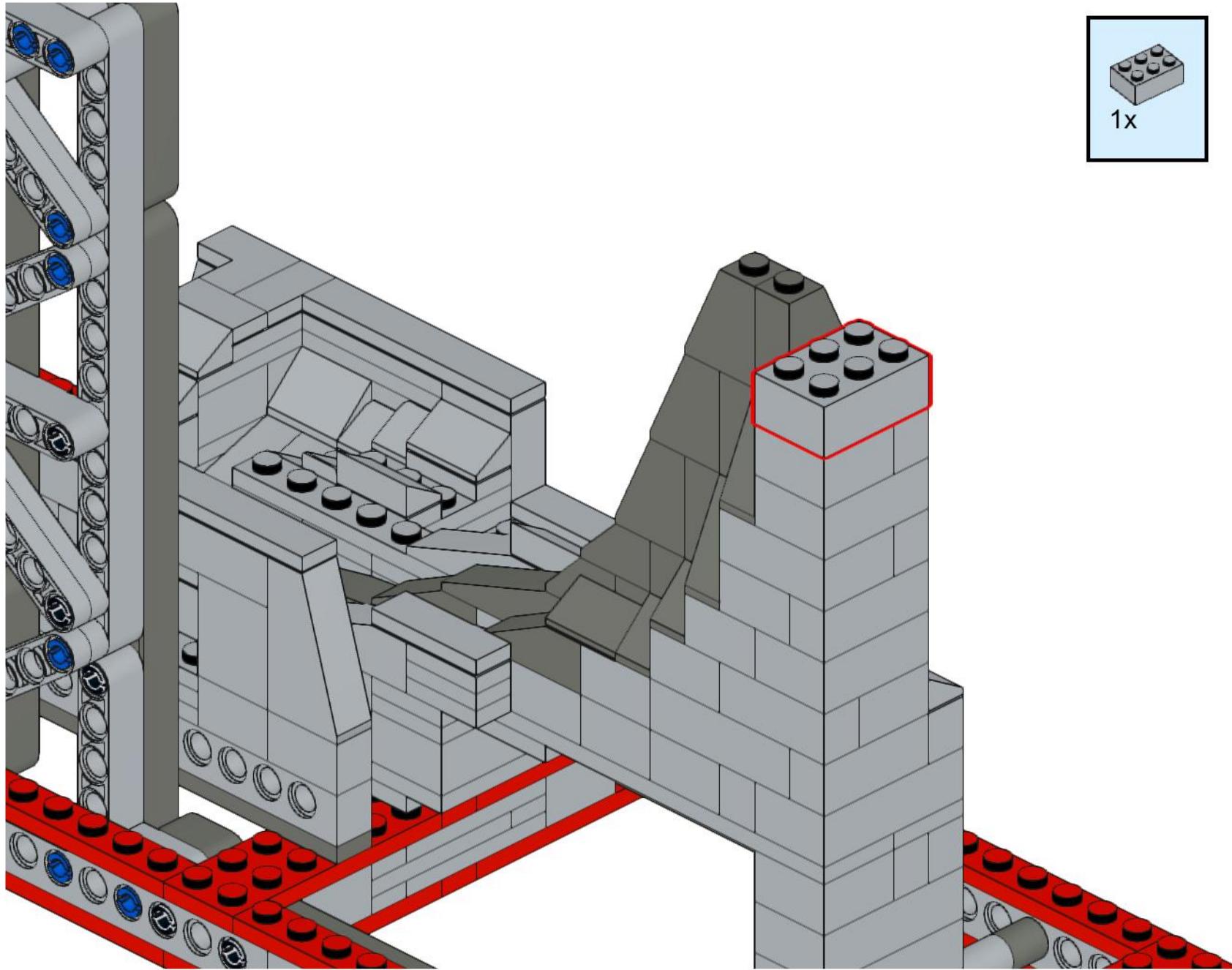
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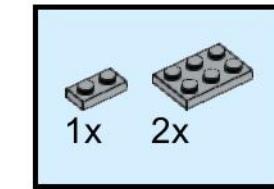


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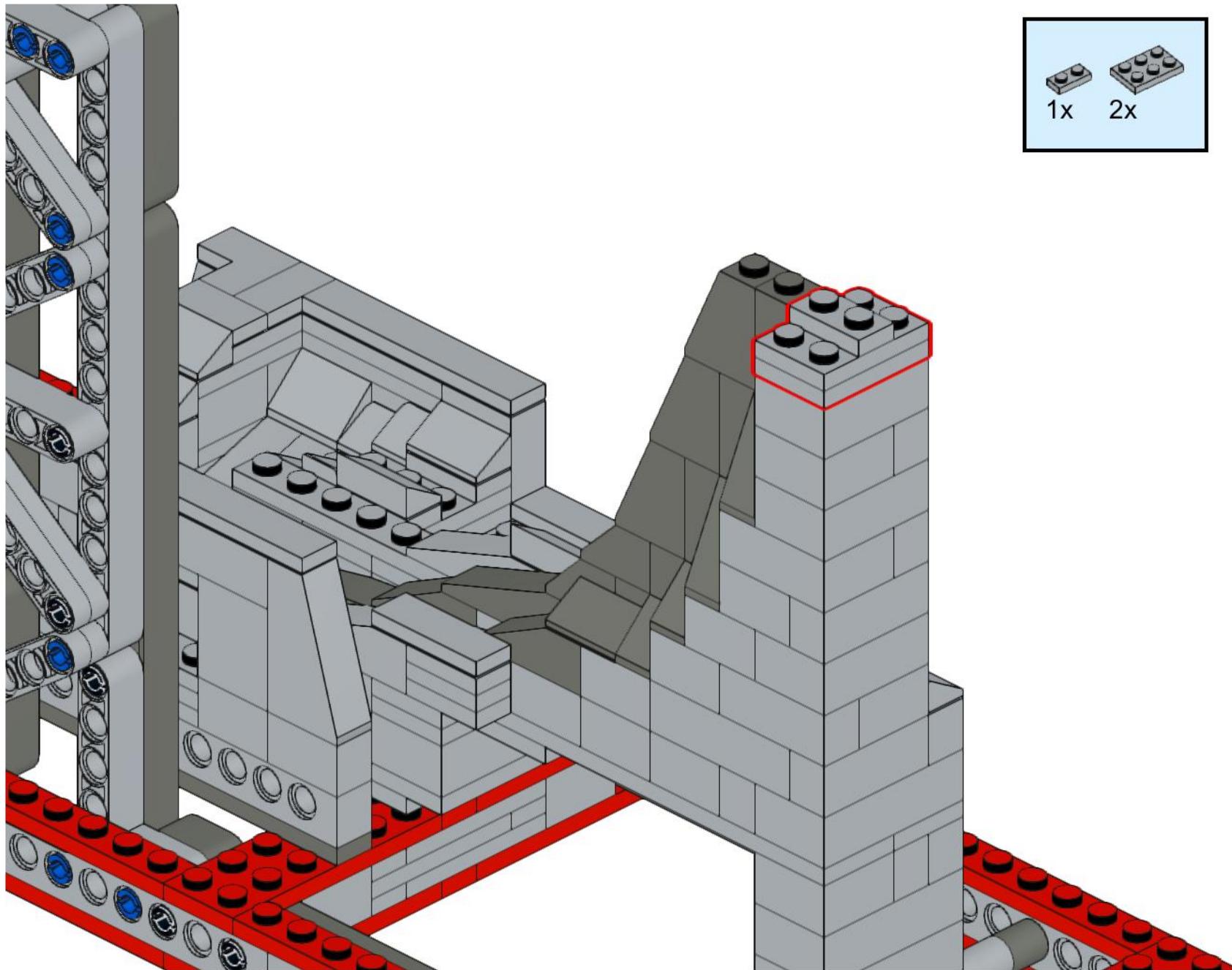


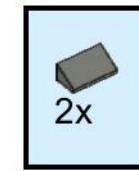


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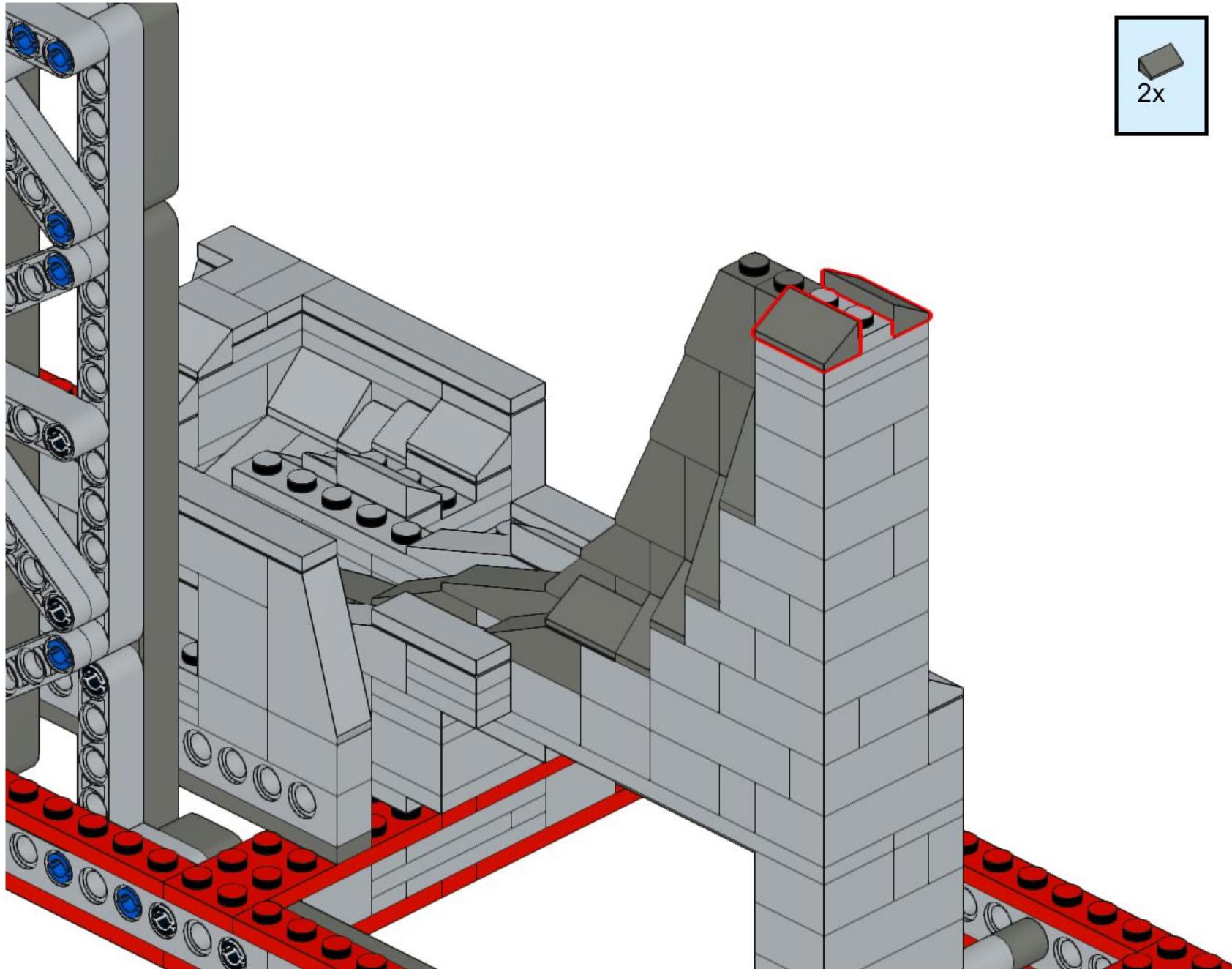


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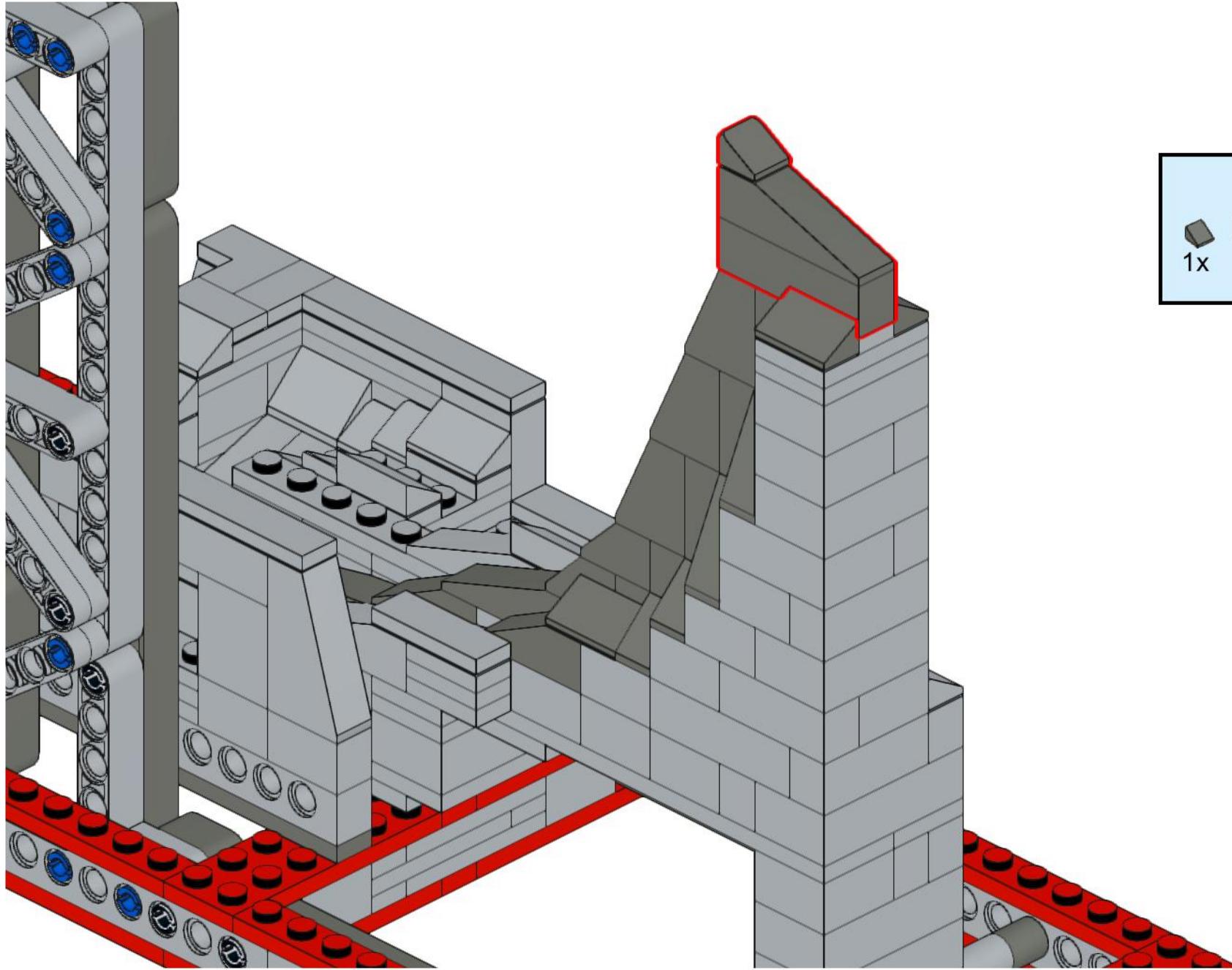
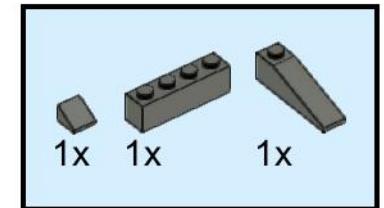




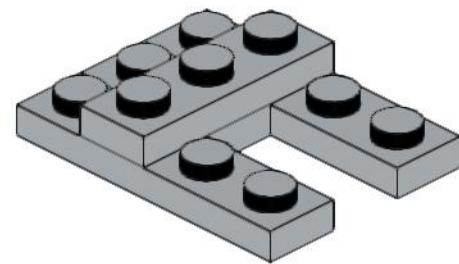
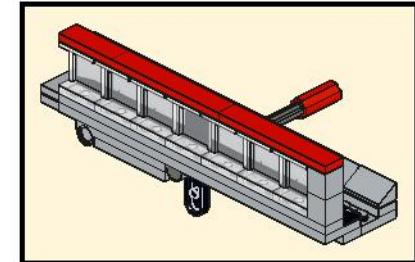
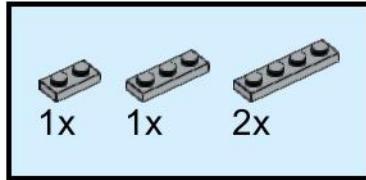
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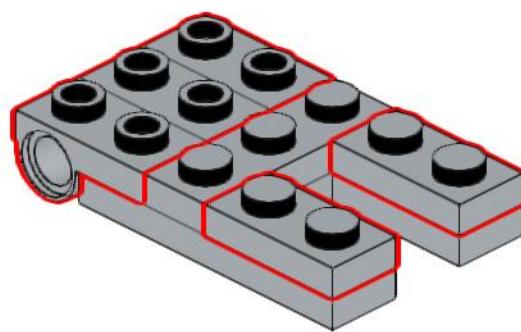
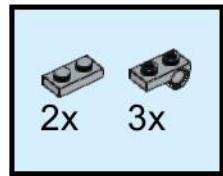
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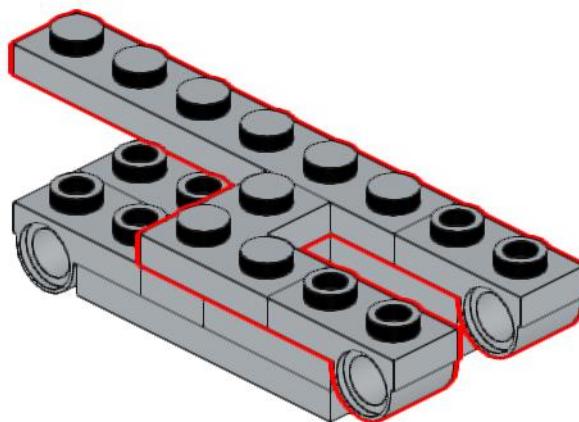
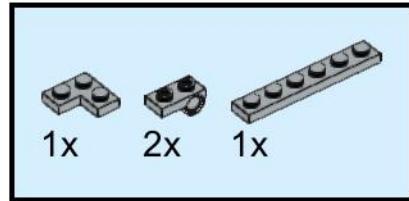
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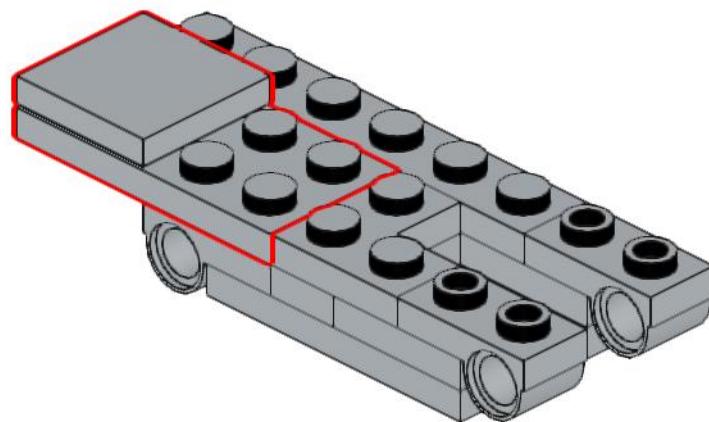
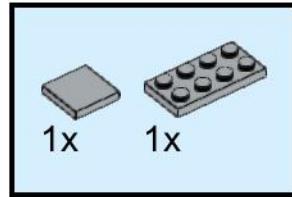
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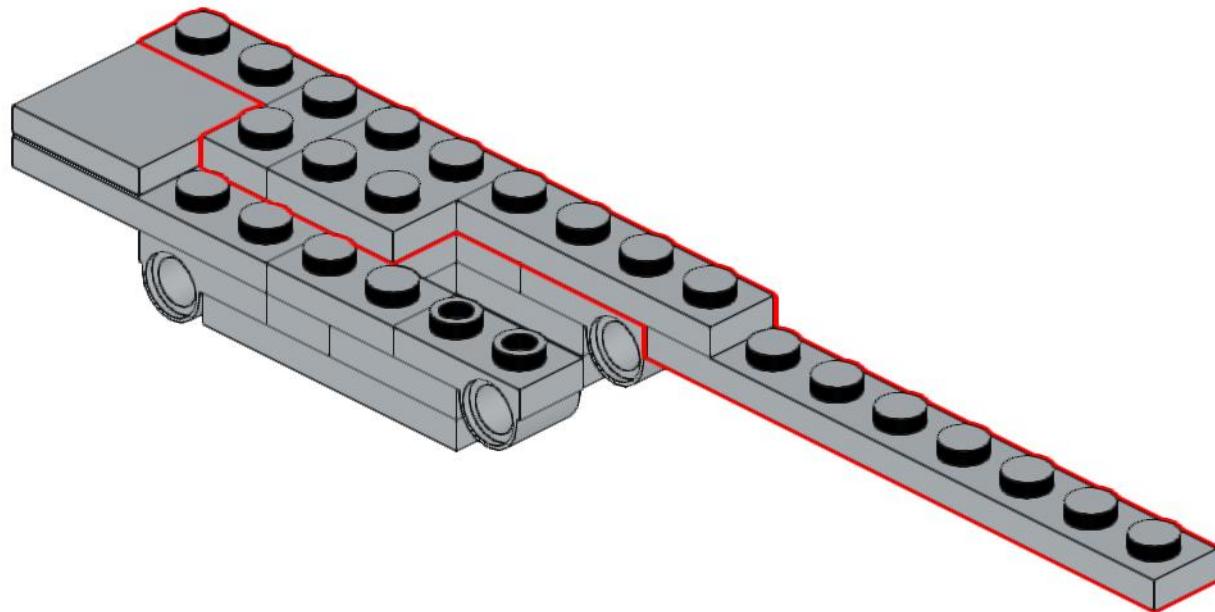
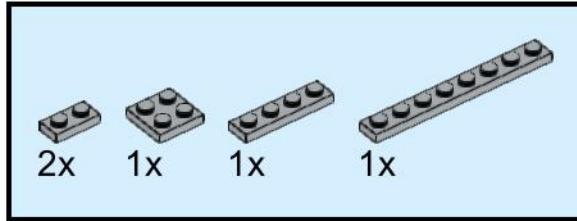
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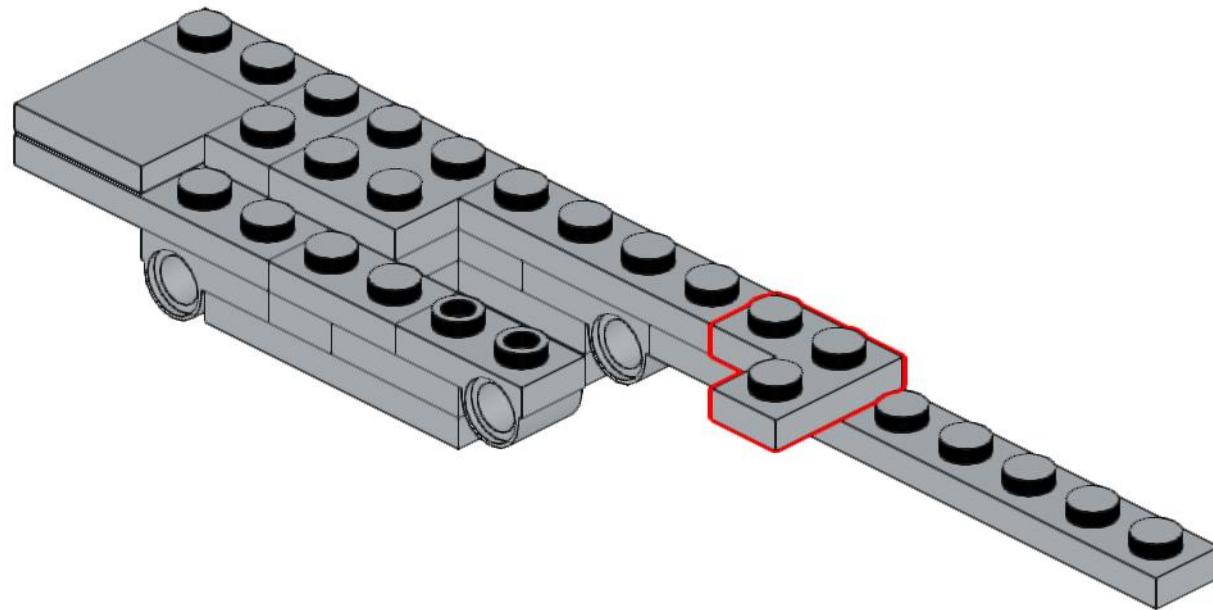
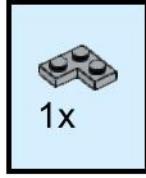
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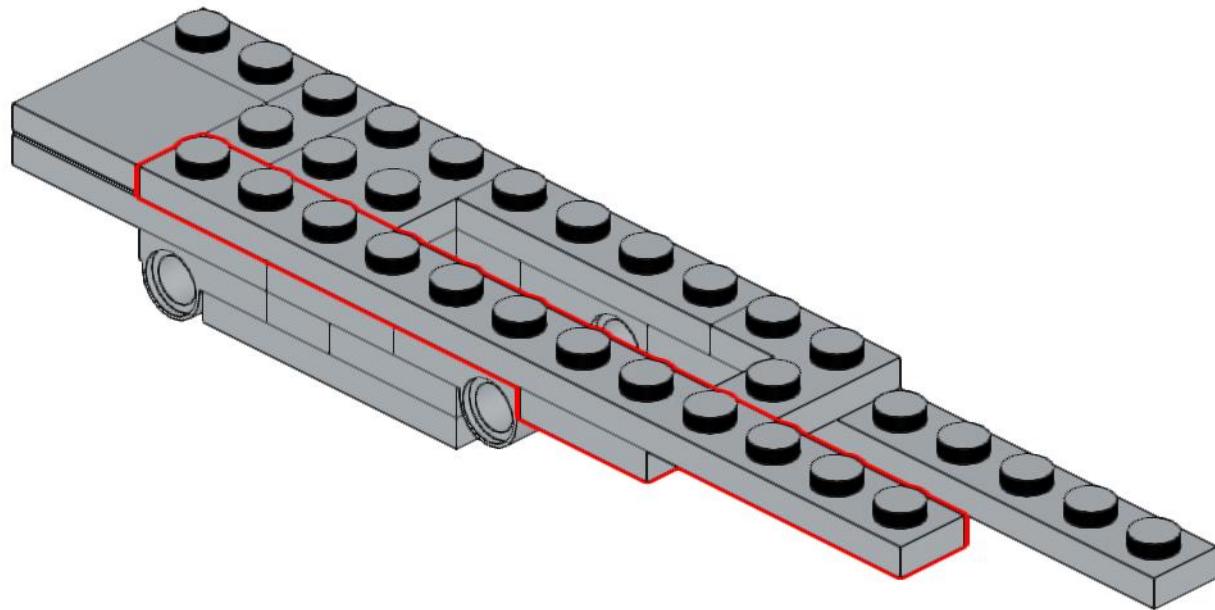
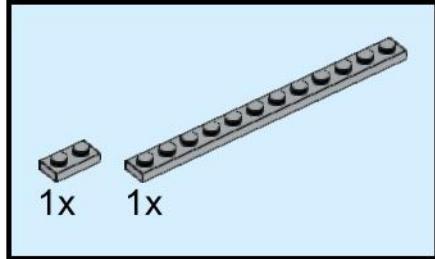
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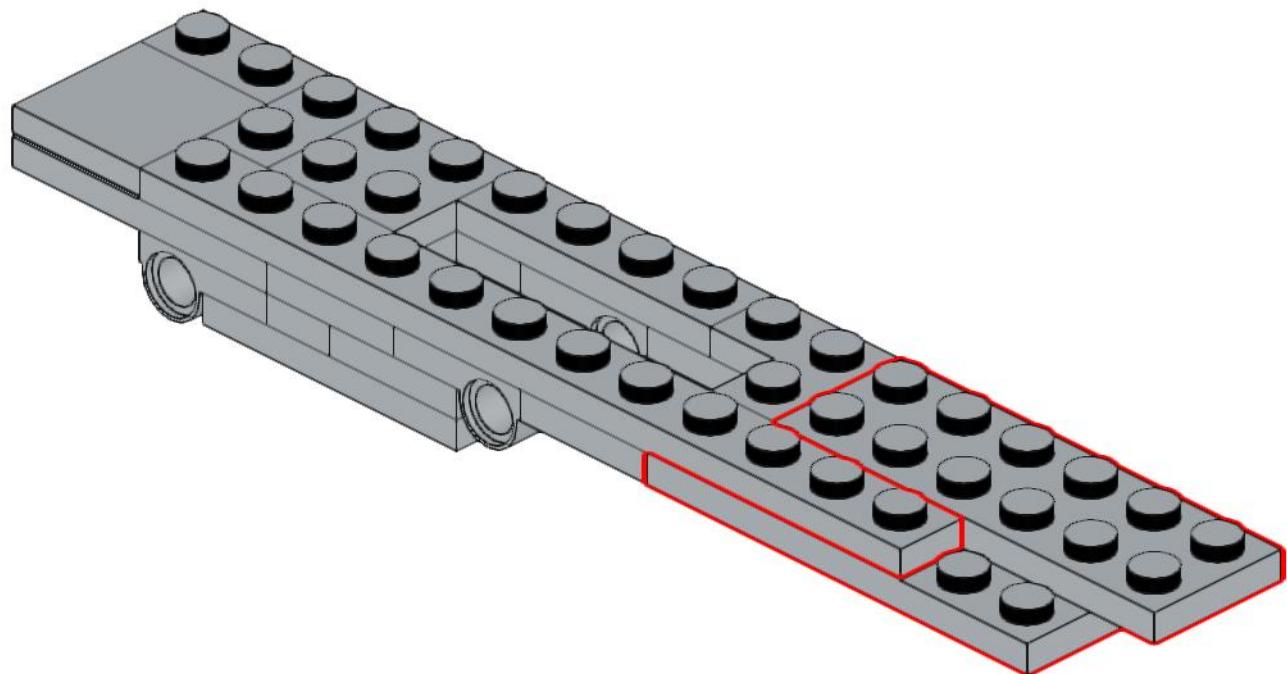
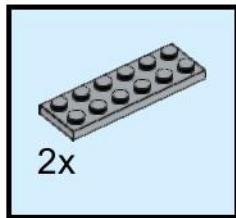
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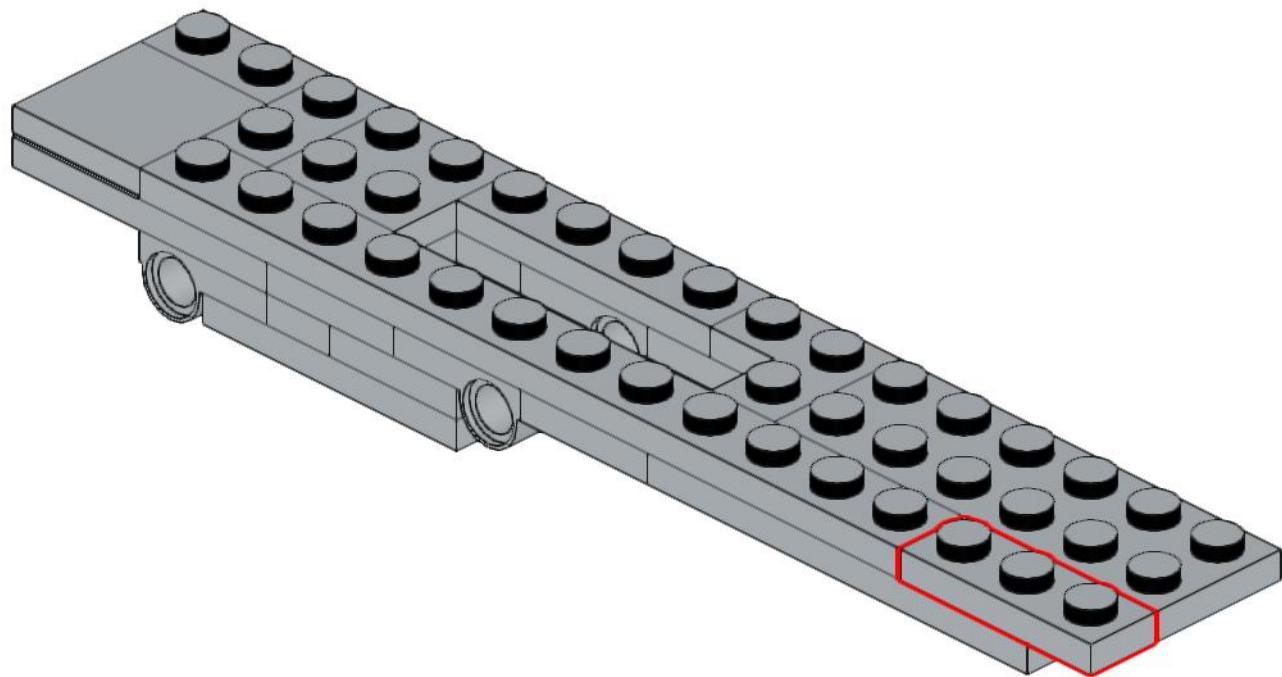
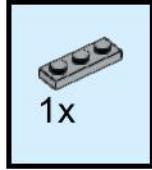
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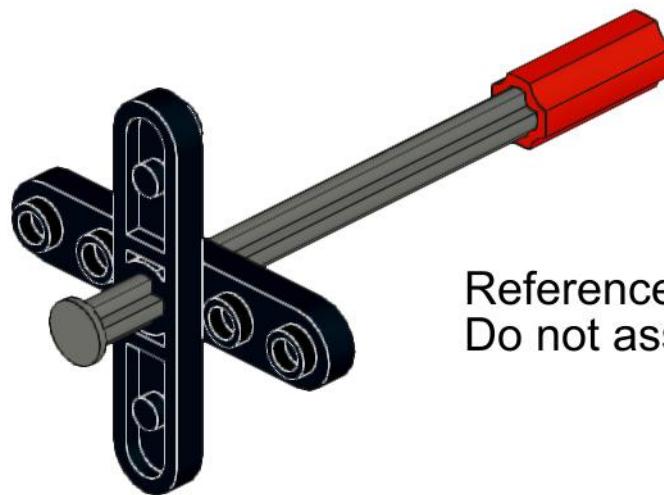
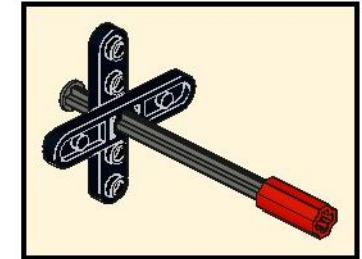
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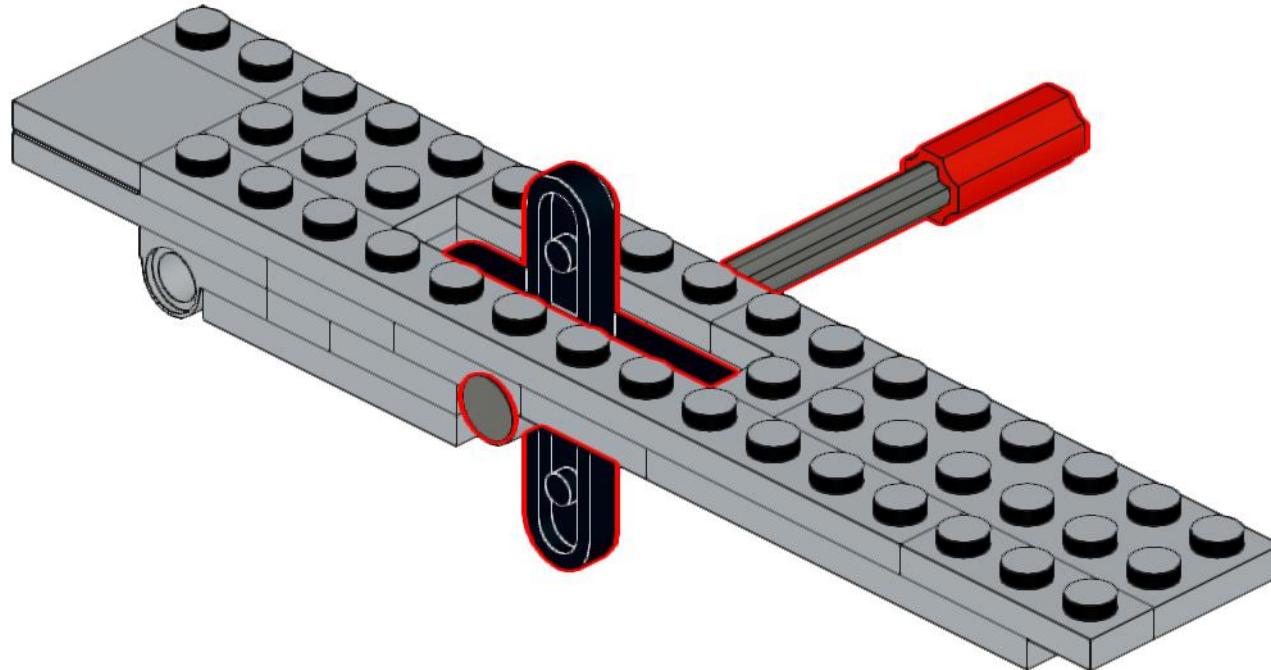


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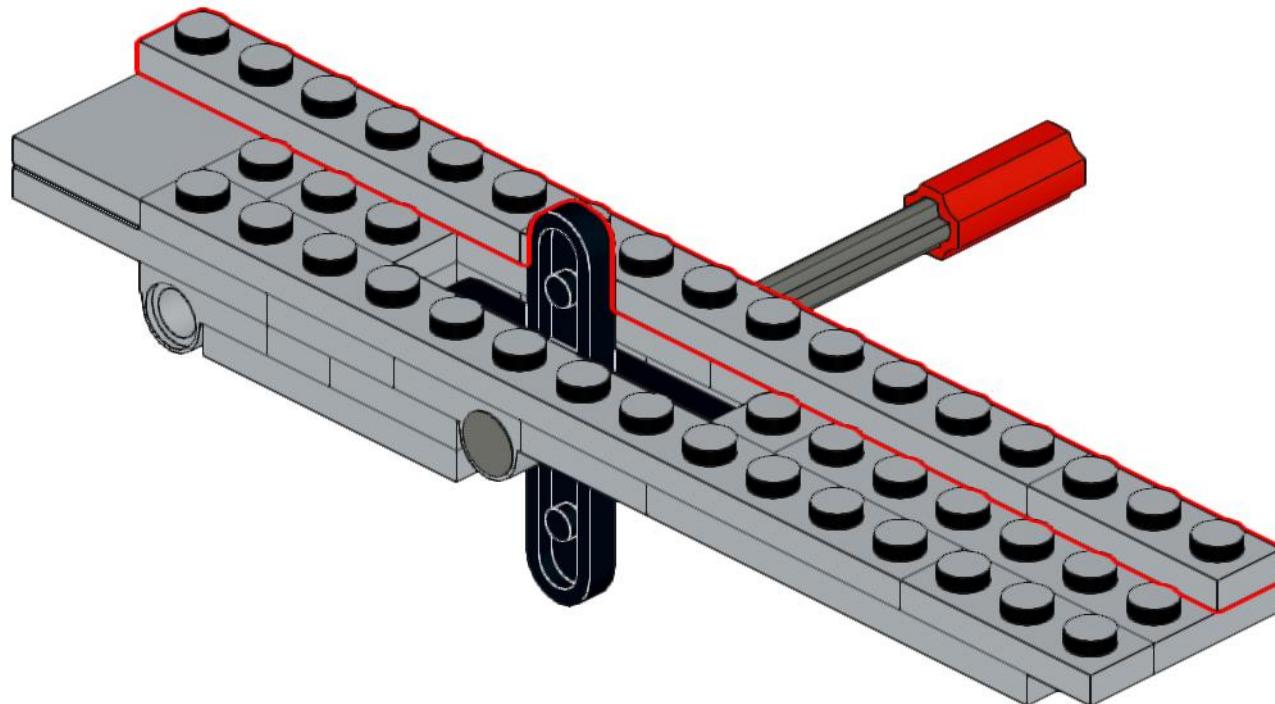
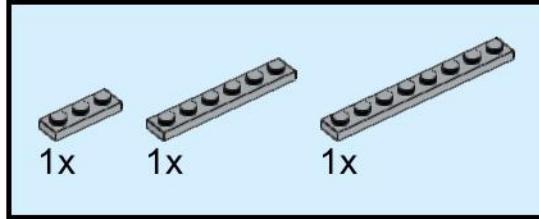


Reference Image.
Do not assemble.

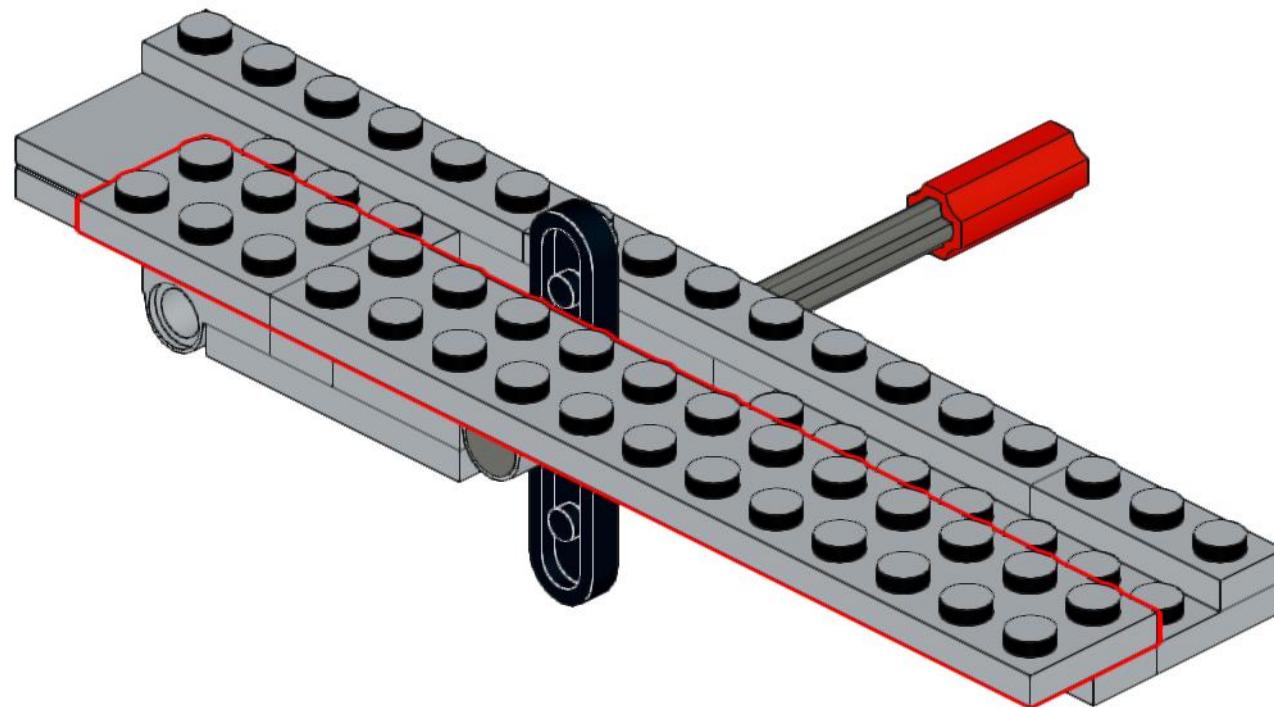
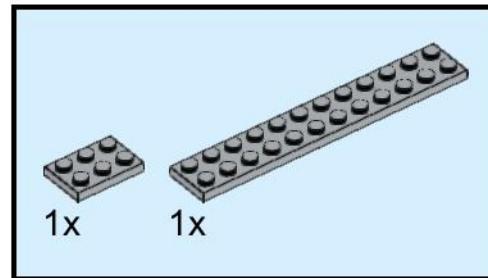
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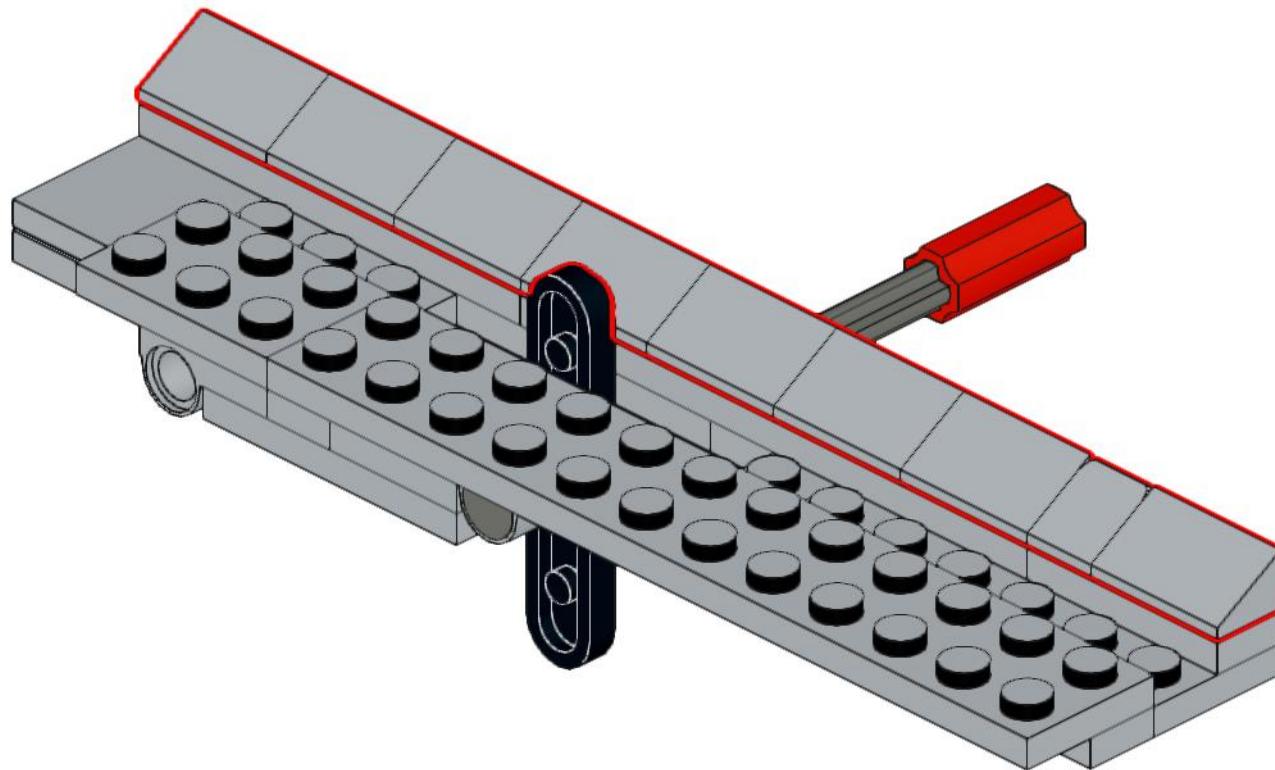
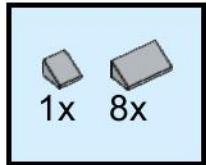
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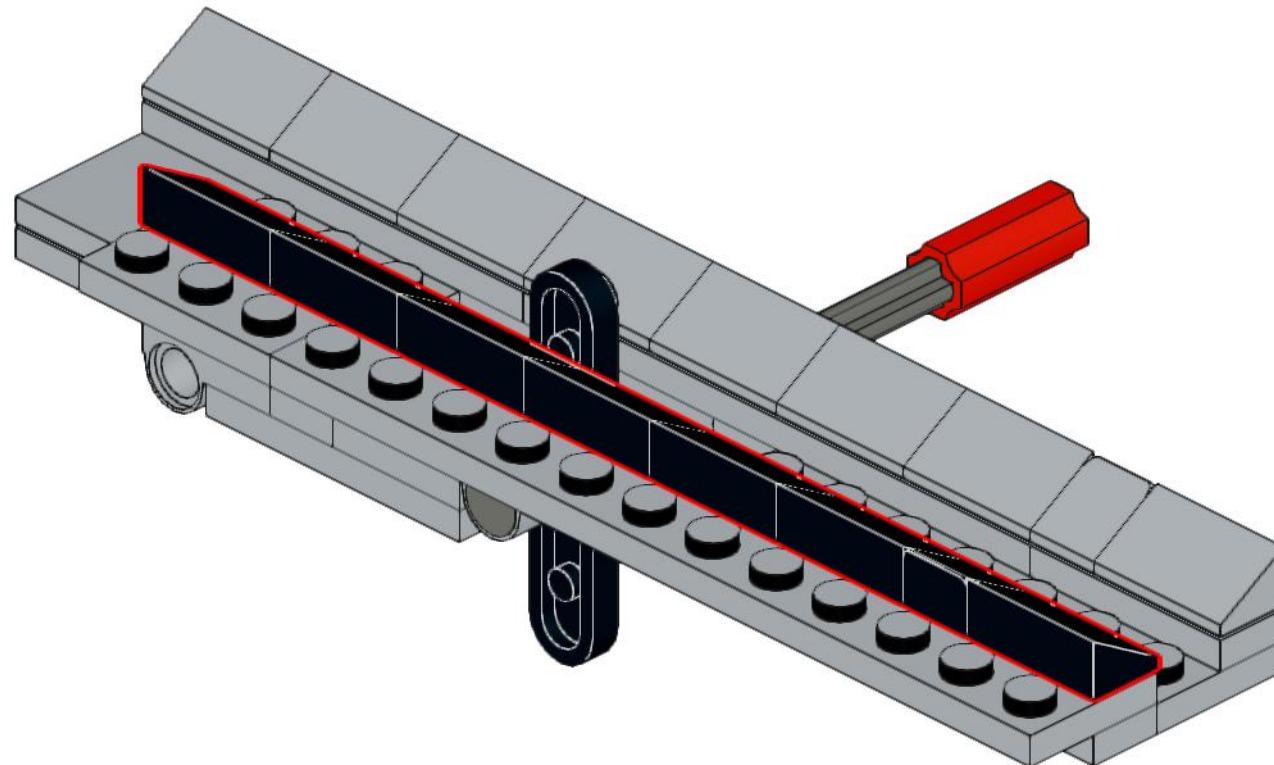
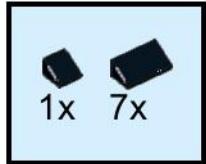
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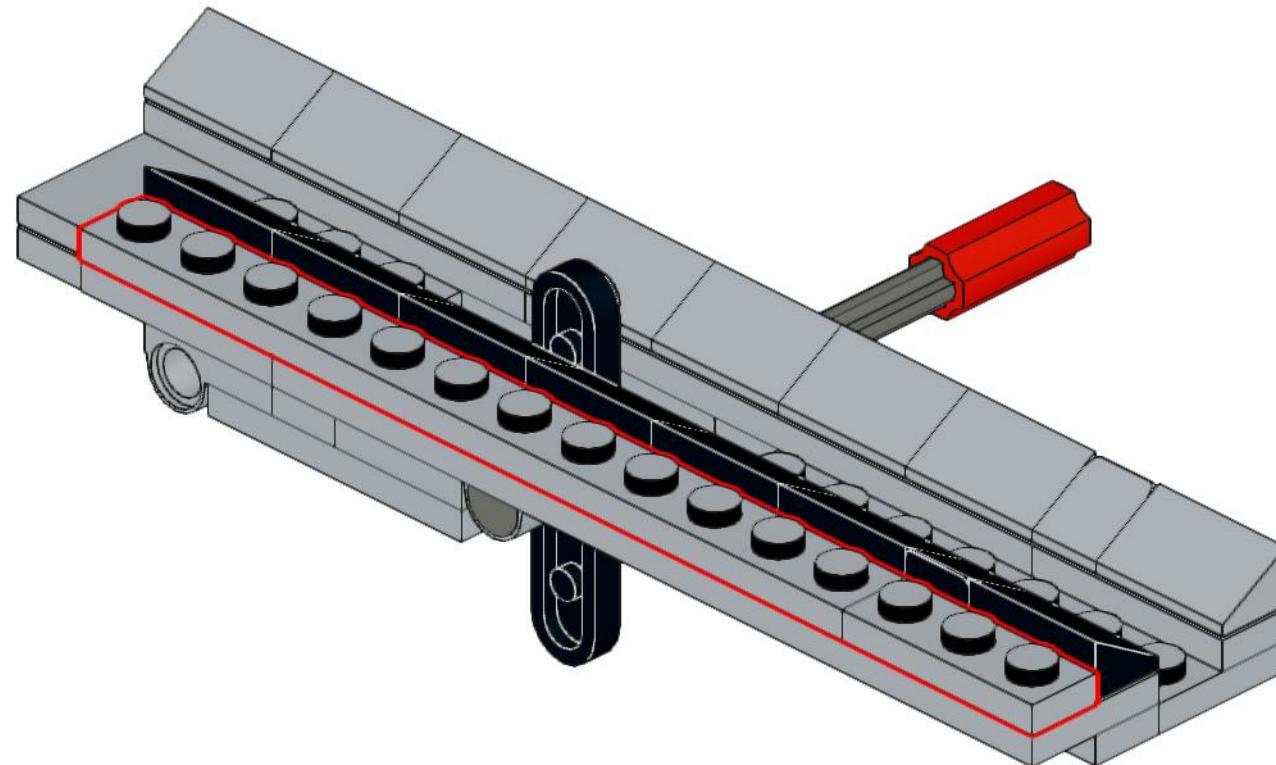
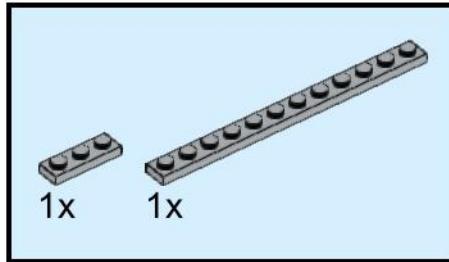
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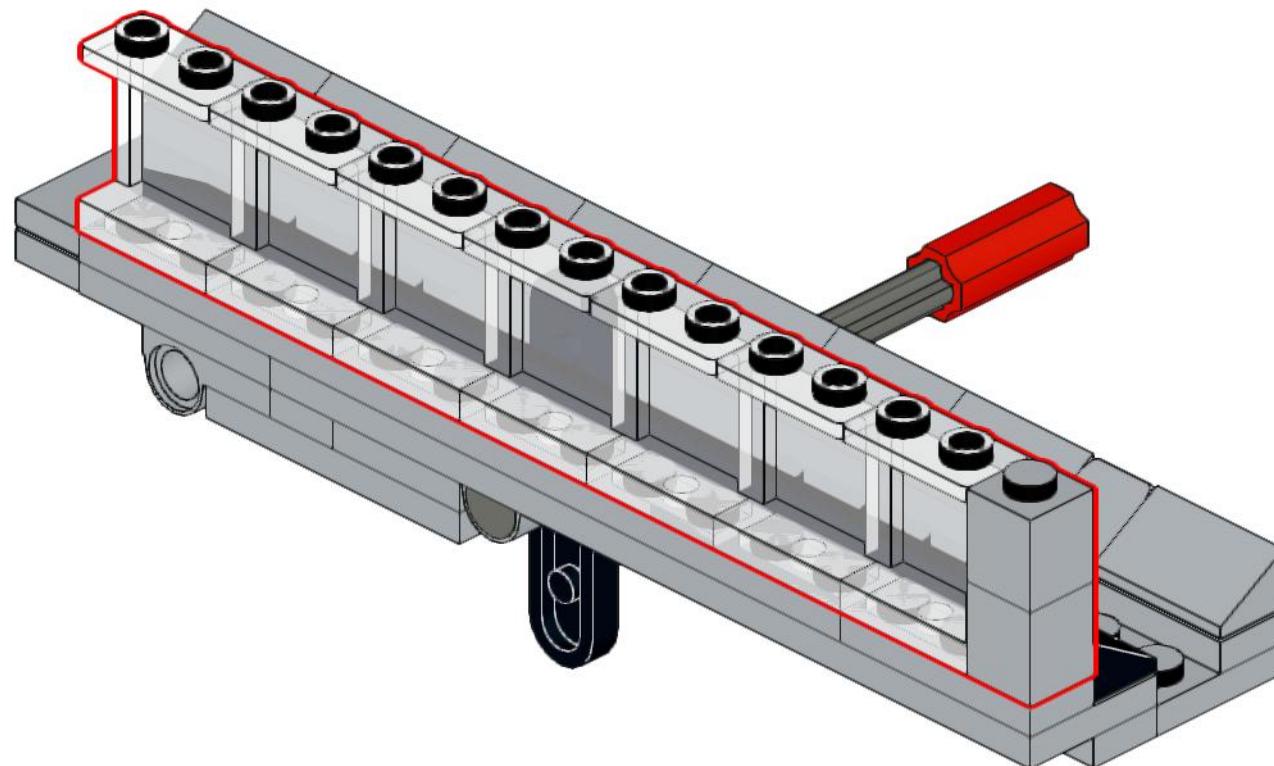
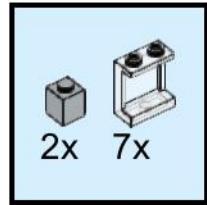
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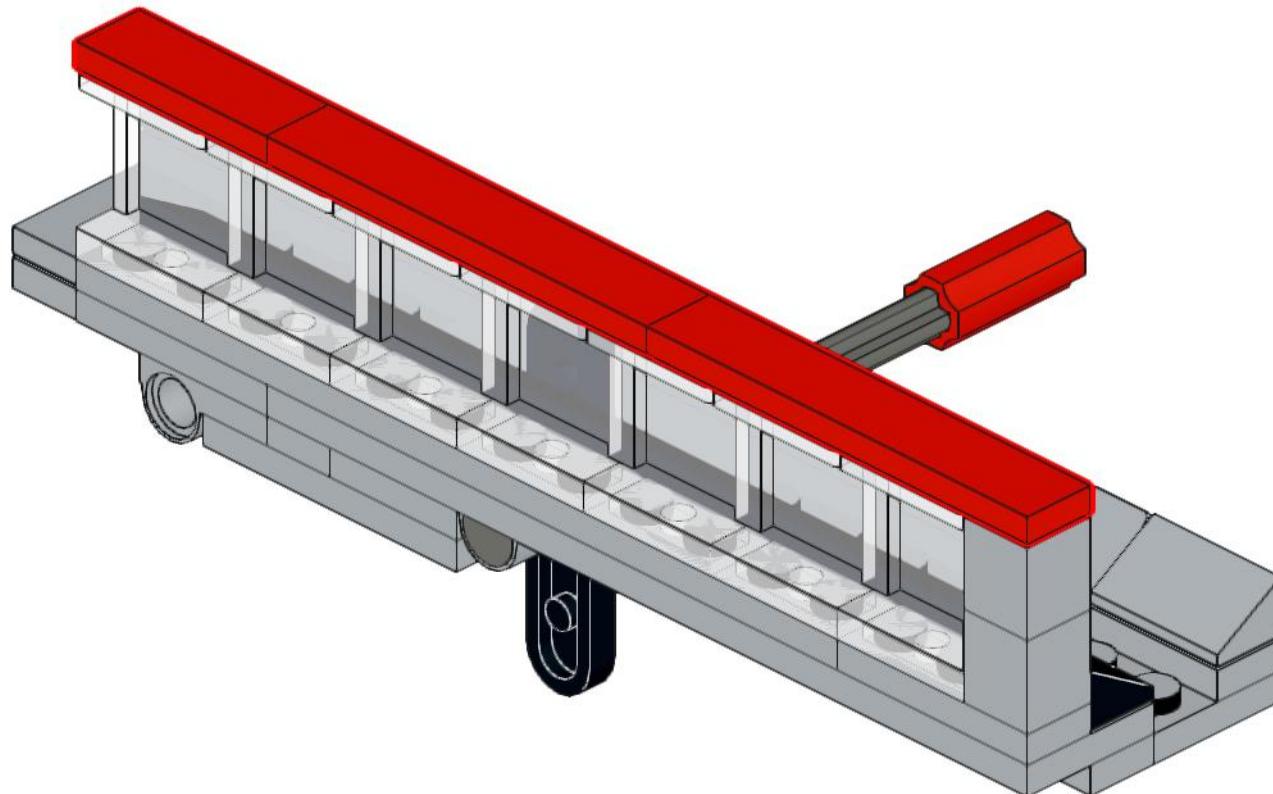
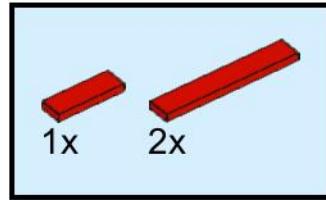
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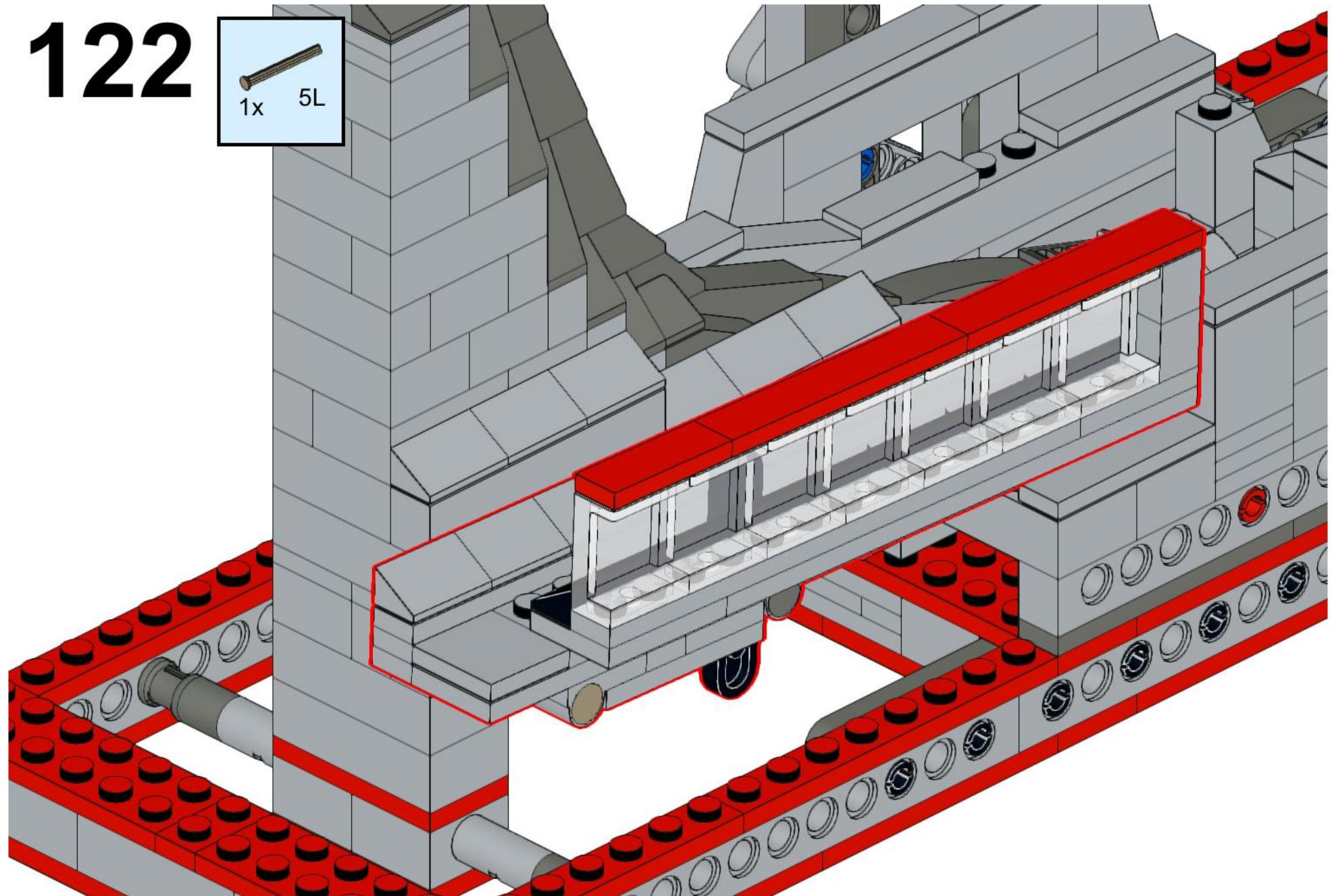
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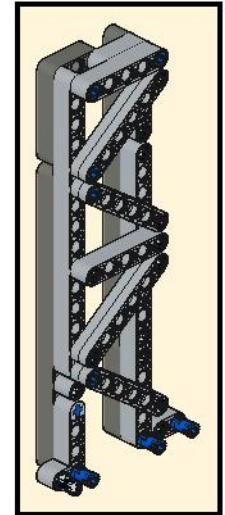
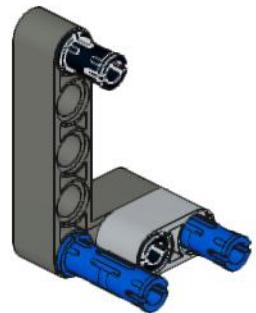
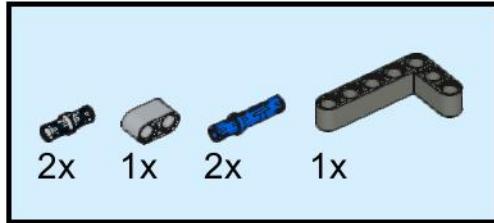
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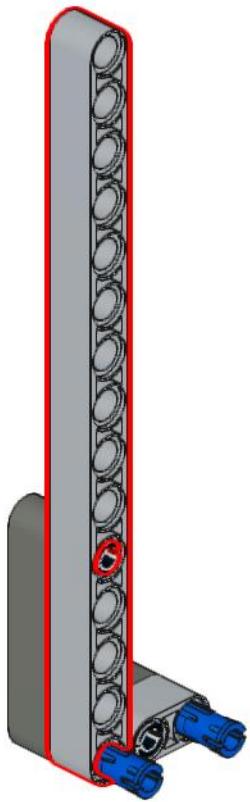
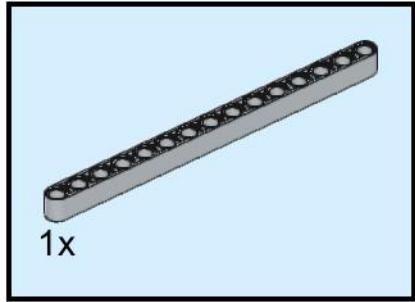
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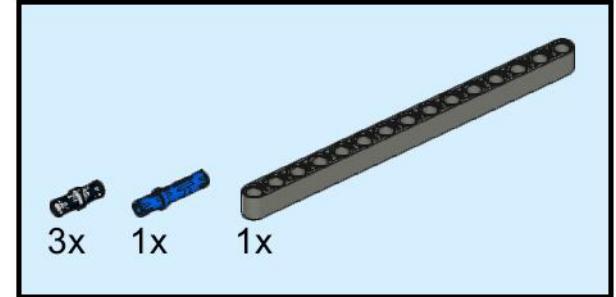
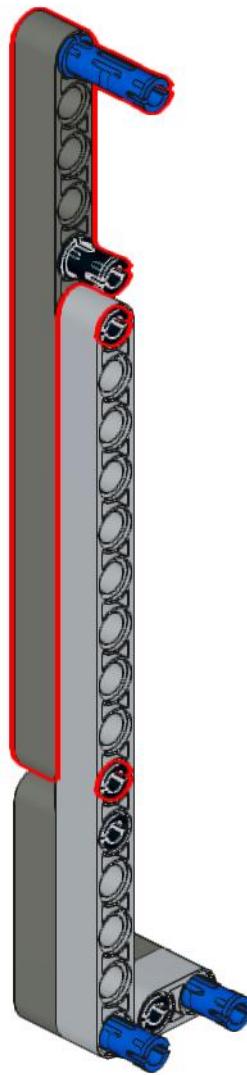
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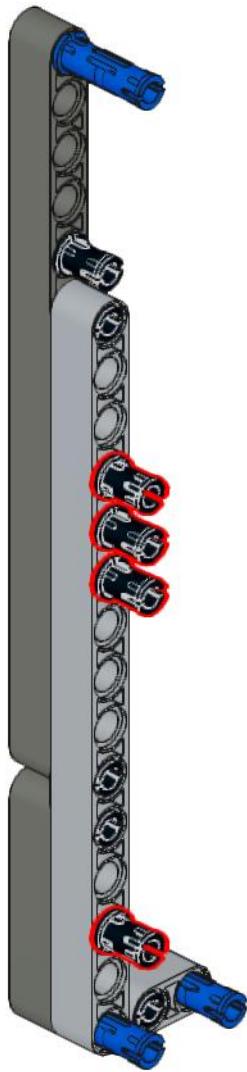
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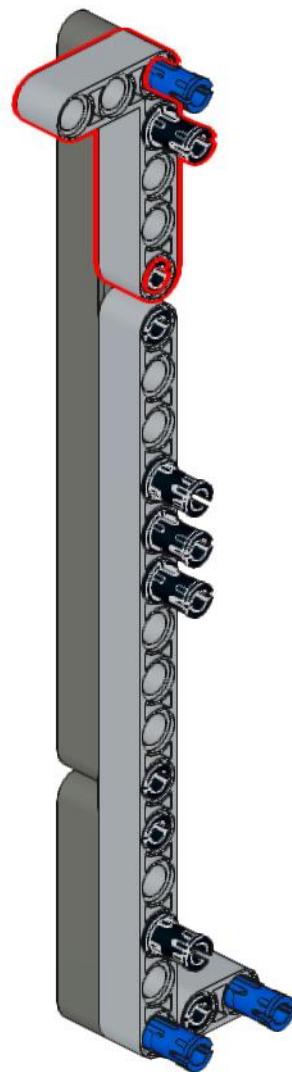
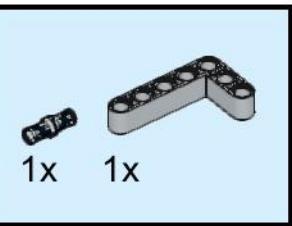
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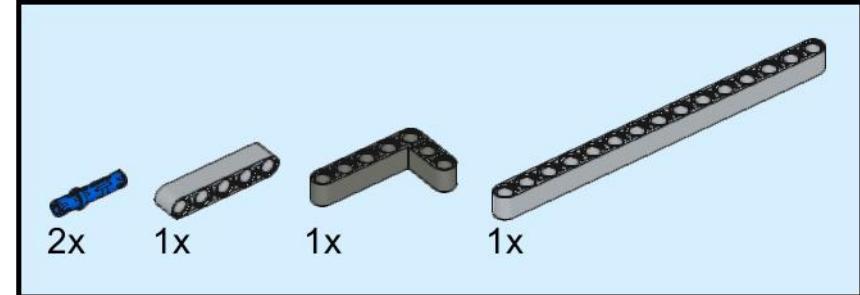
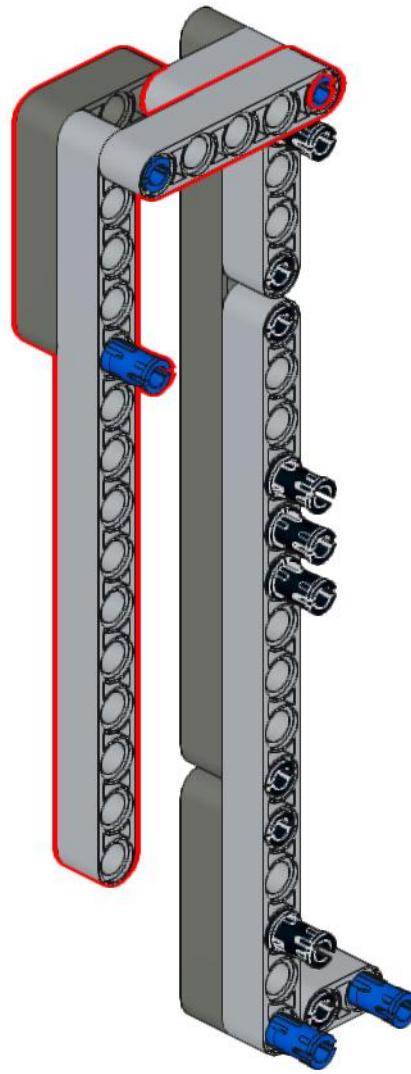
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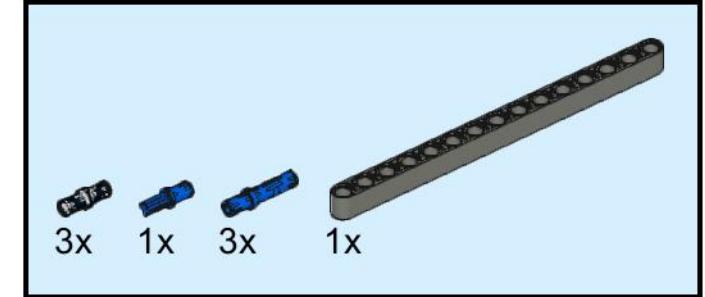
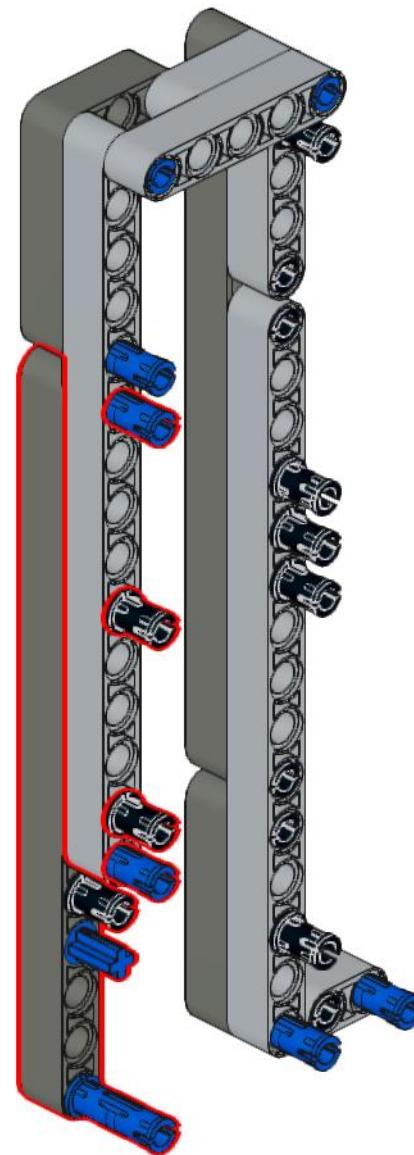
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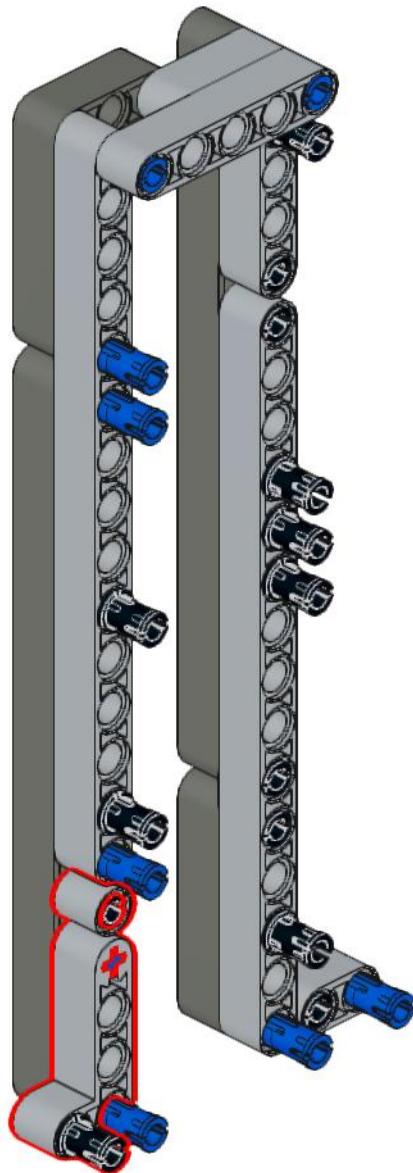
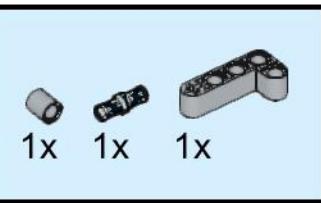
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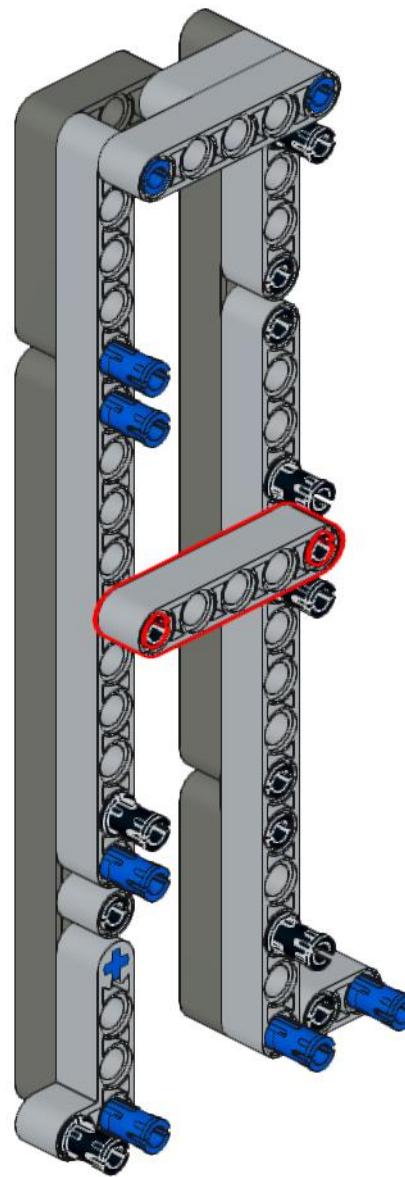
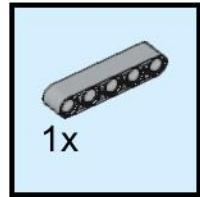
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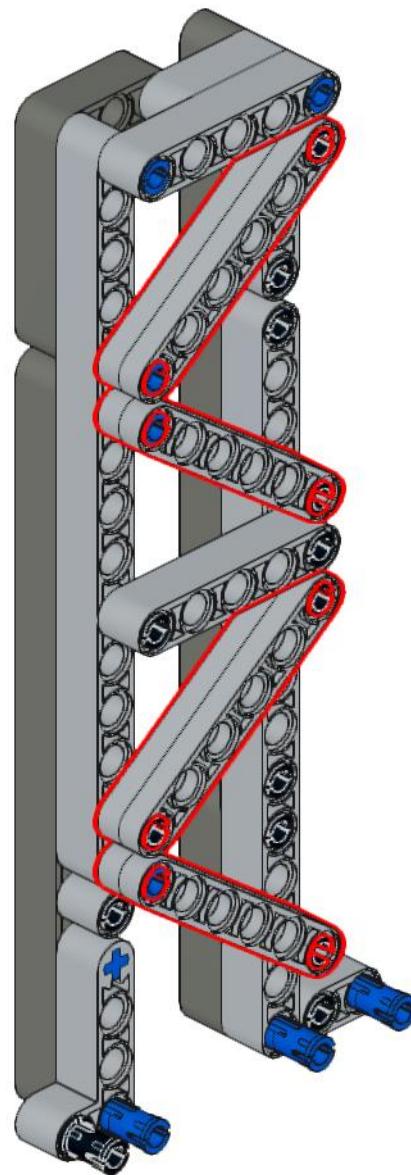
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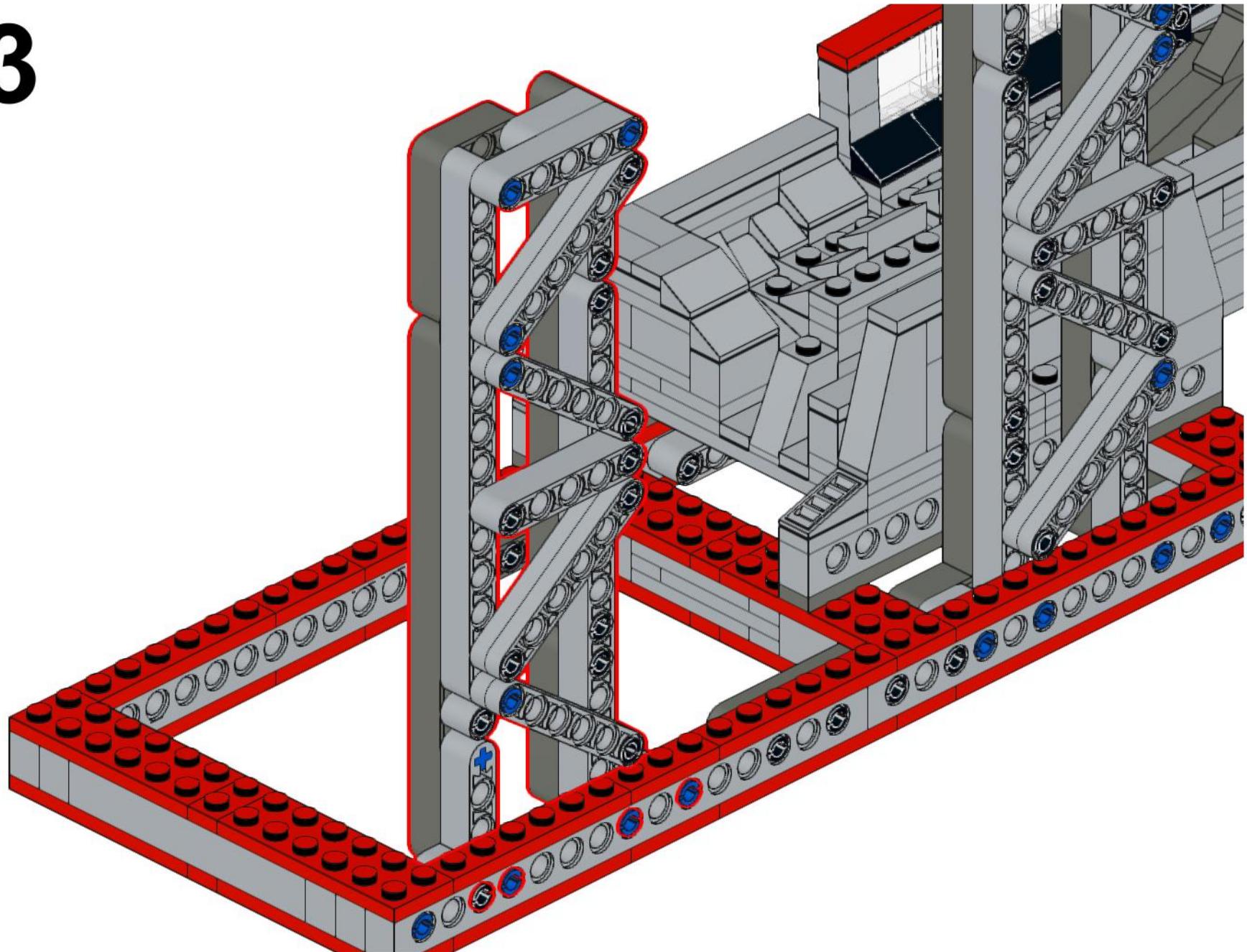
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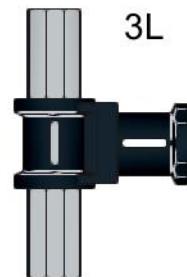
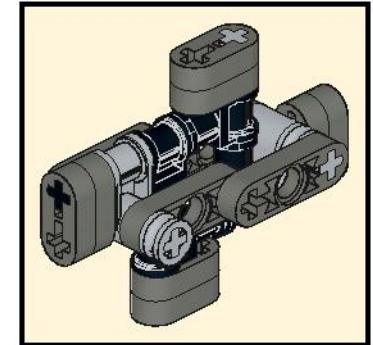
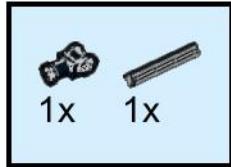
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133



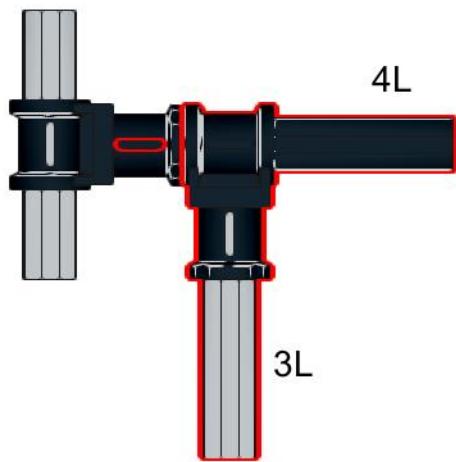
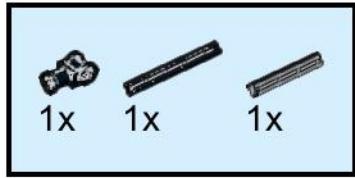
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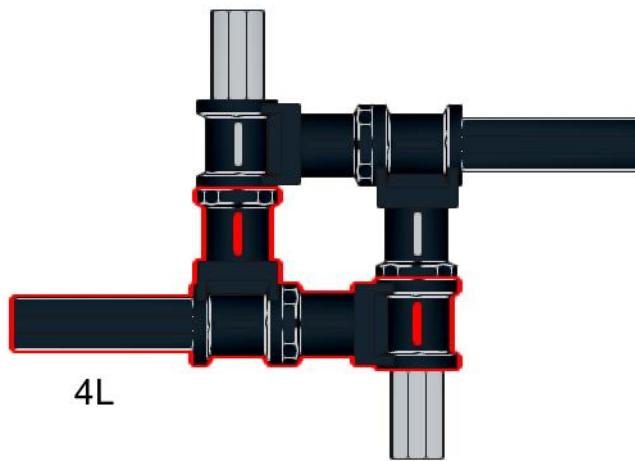
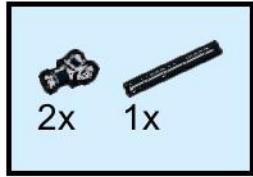
NOTE: Steps 134-141

These steps are out of date. The original hub has been replaced by a new biscuit-based hub design labelled as 'Revised Biscuit-Based Central Hub' in the updated Studio IO file. The new hub design is much more robust and eliminates wheel wobble.

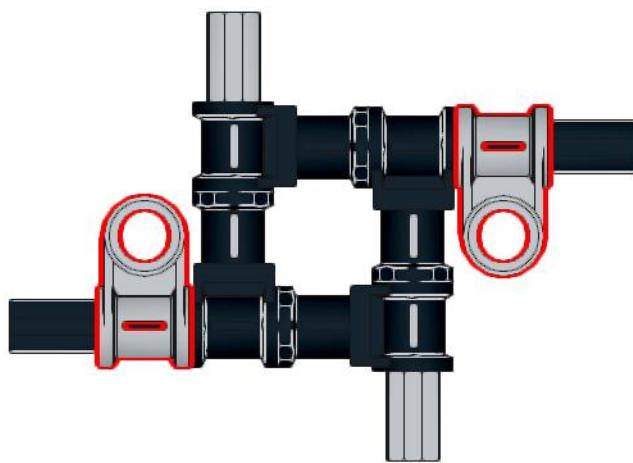
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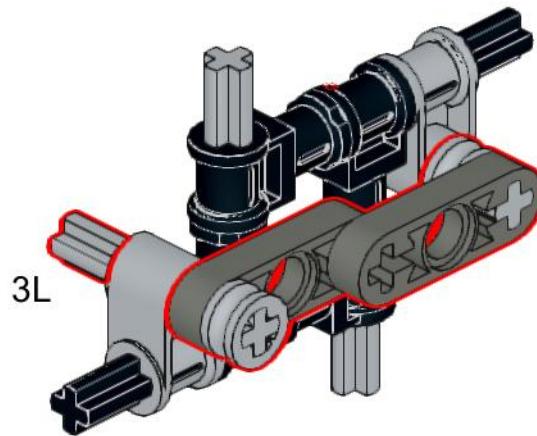
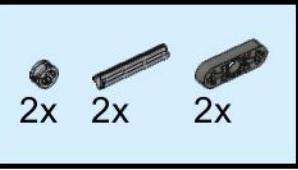
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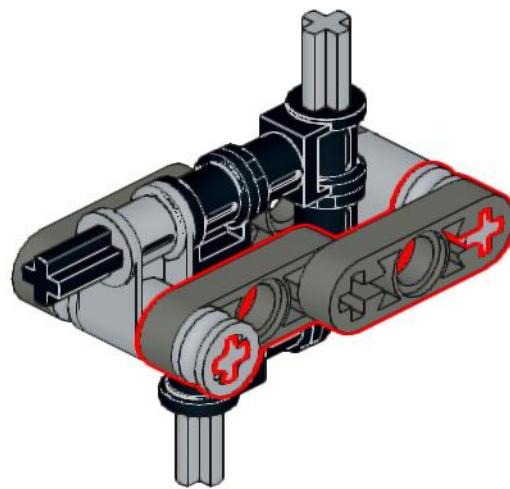
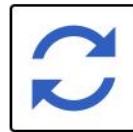
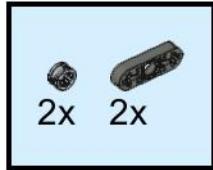
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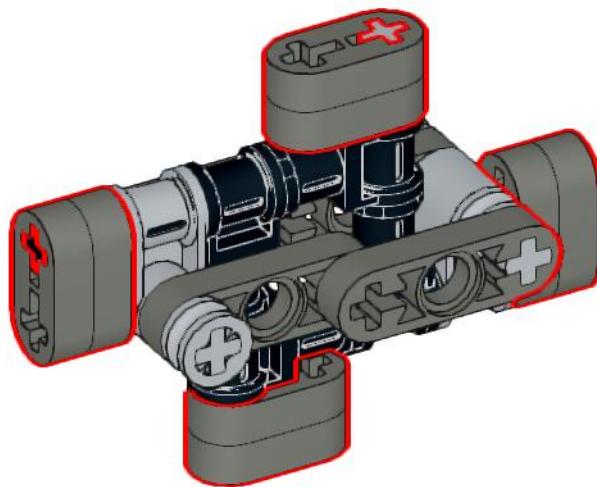
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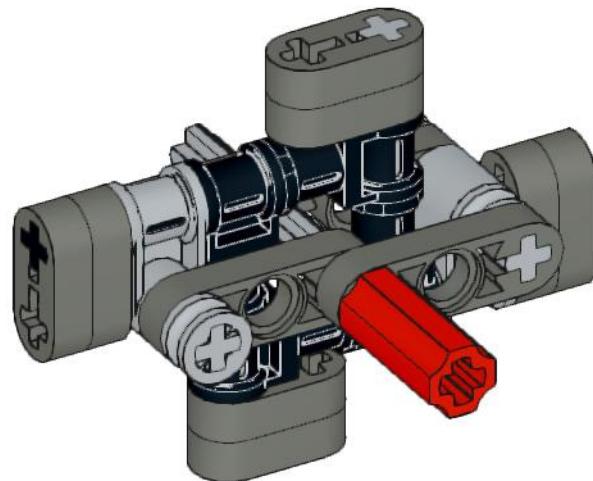
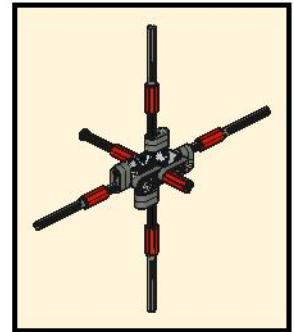
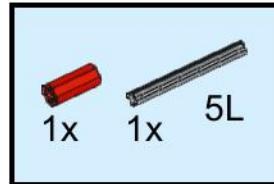
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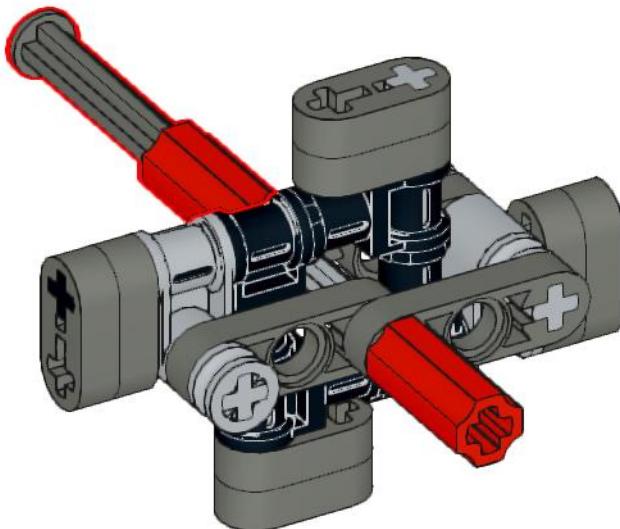
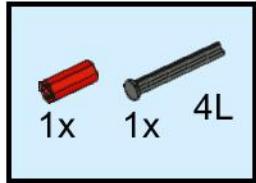
140



141

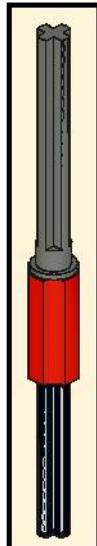
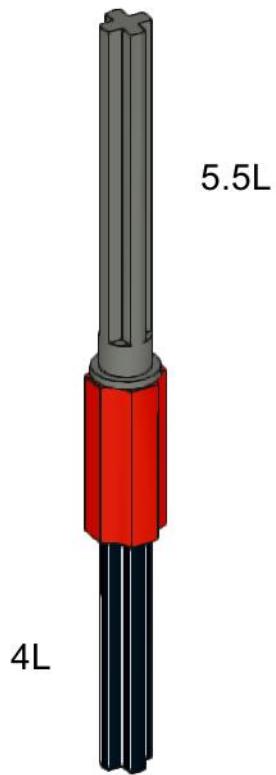
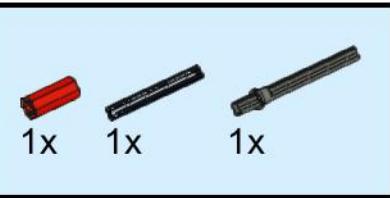


142



Remove this 4L axle and use it to fix the Truss Wheel to the front support truss later in these instructions.

143

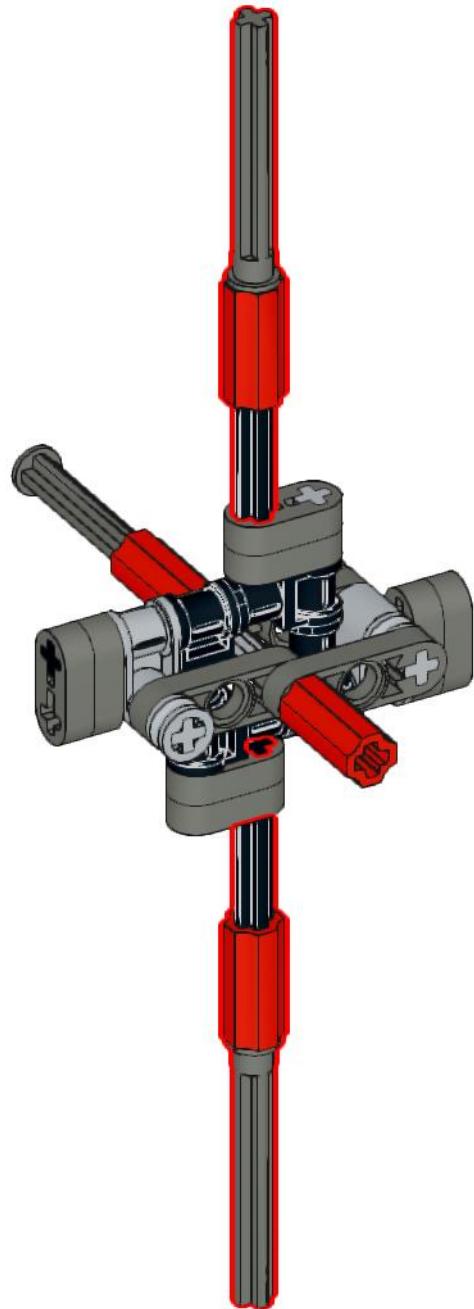


2x

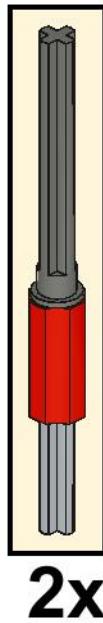
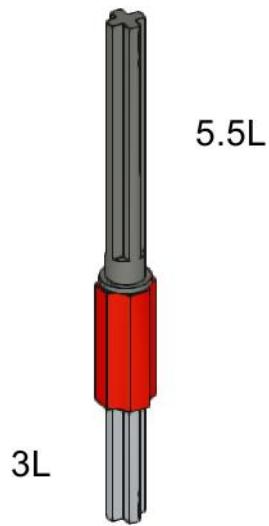
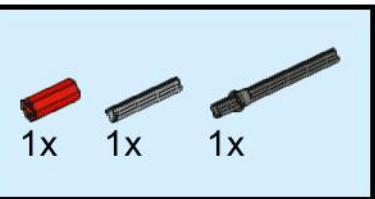
NOTE: Steps 143-144

These steps are not required and replaced by 2 extra assemblies from Steps 145-146.

144



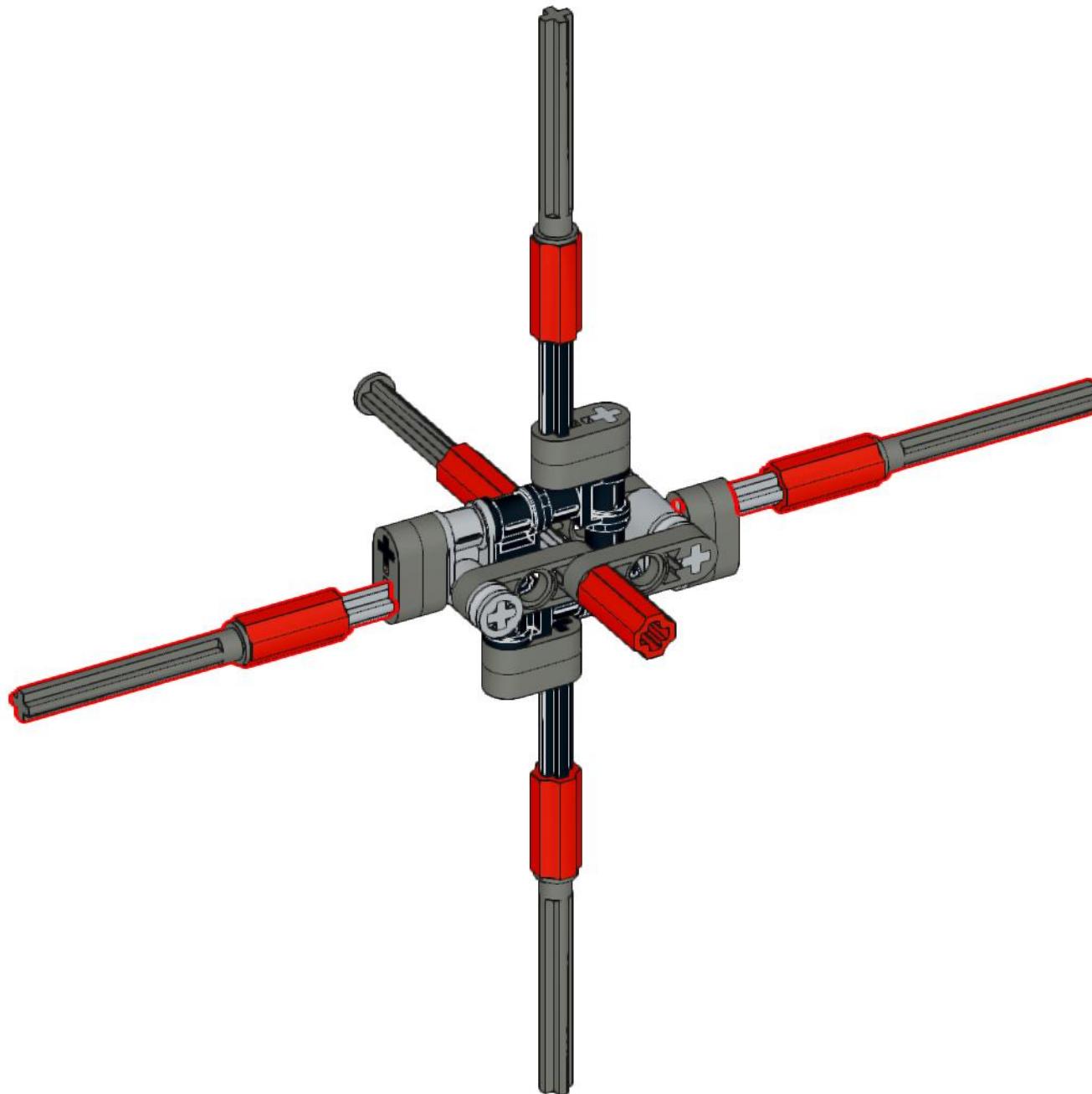
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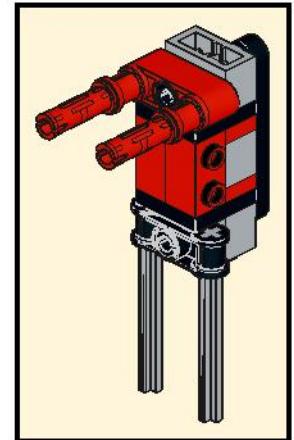
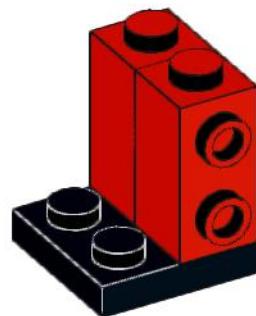
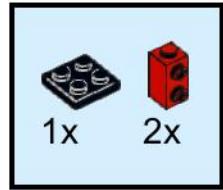
NOTE: Steps 145-146

4 of these assemblies are required, instead of 2. Referred to as 'Spoke' in the updated Studio IO file.

146

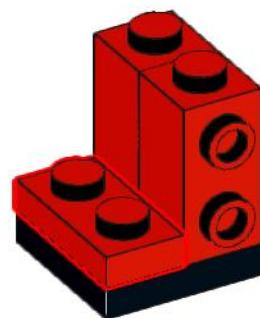
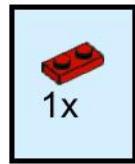


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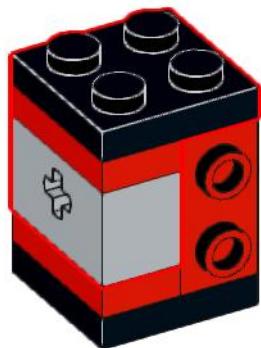
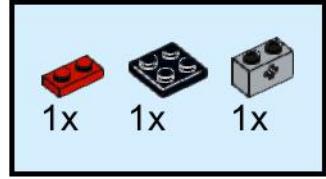


4x

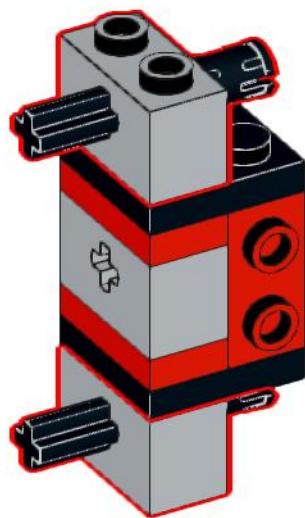
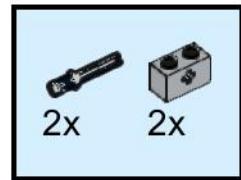
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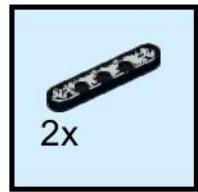
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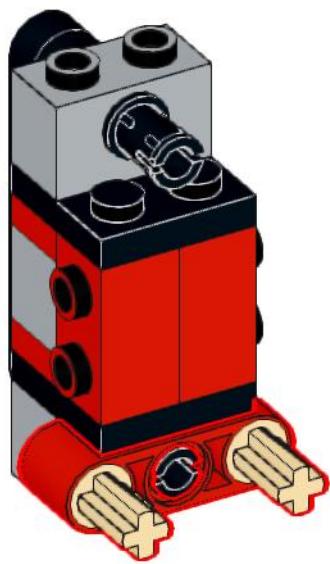
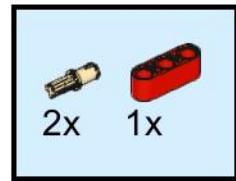
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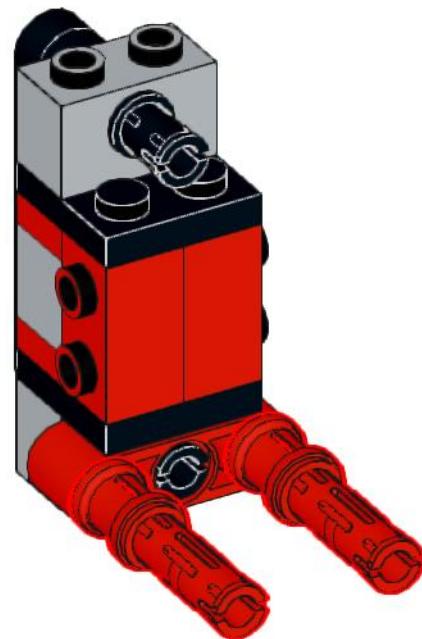
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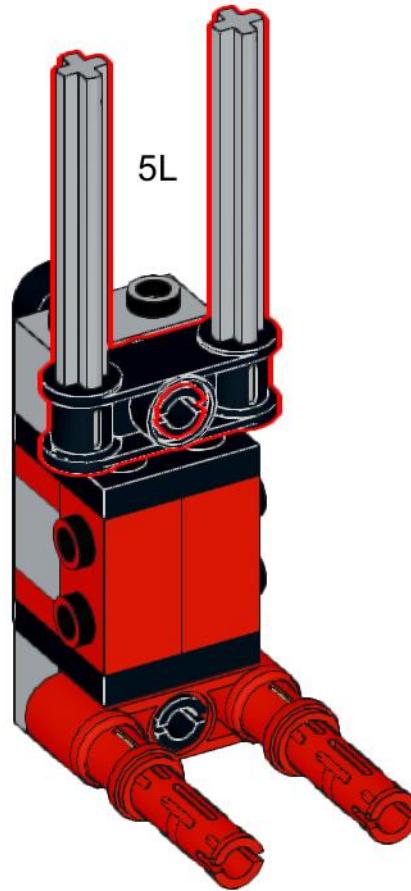
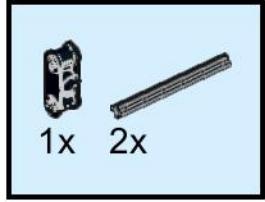
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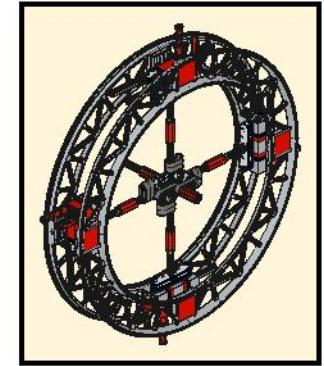
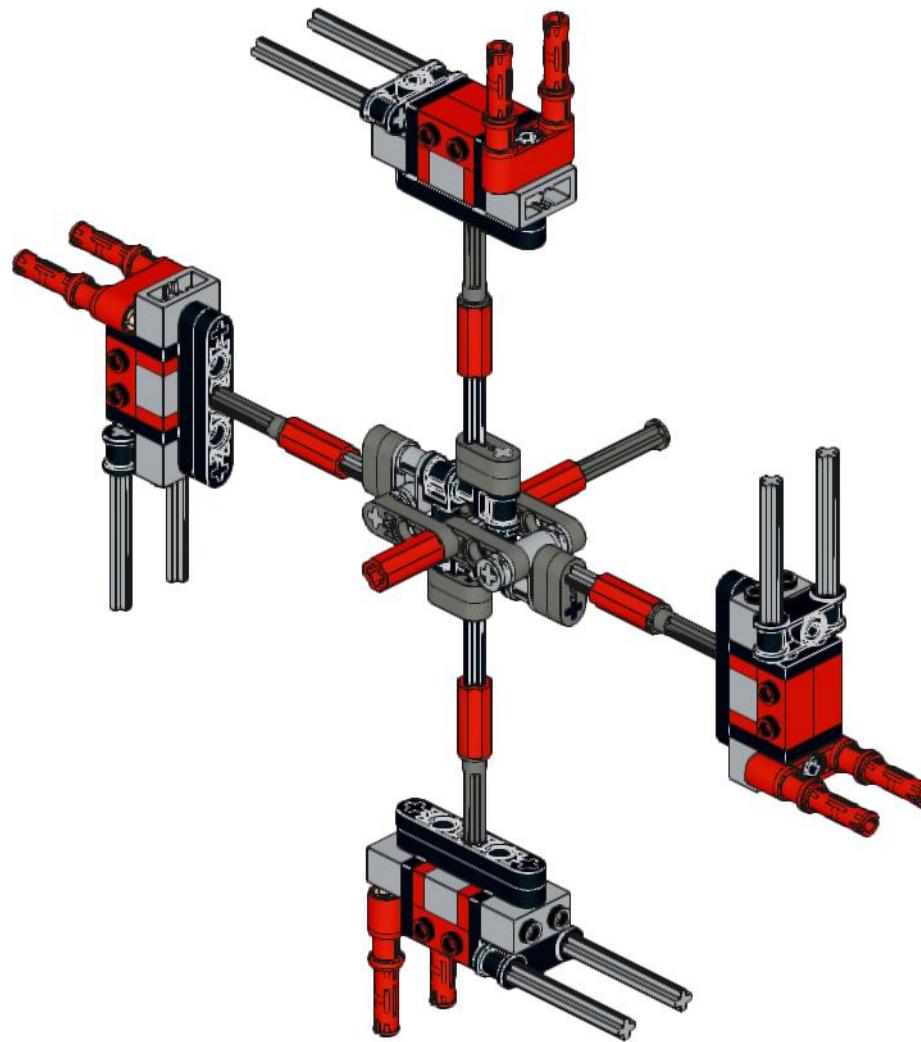
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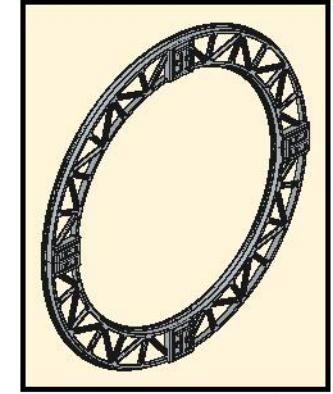
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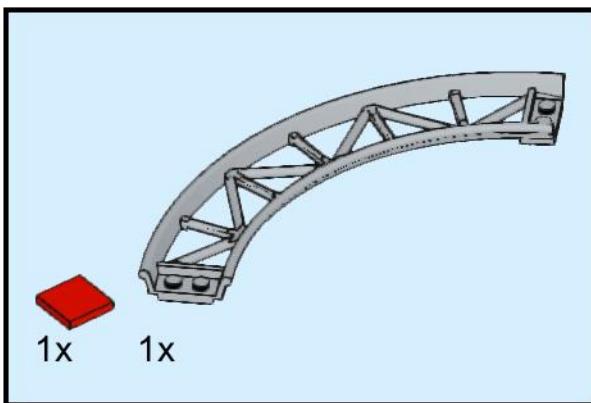
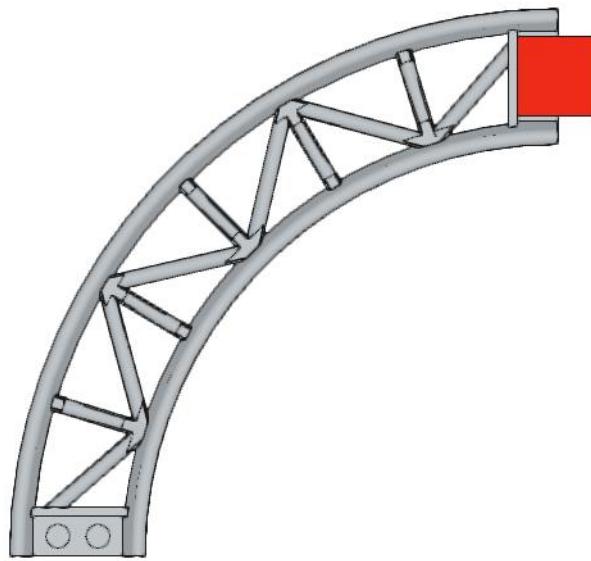
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156

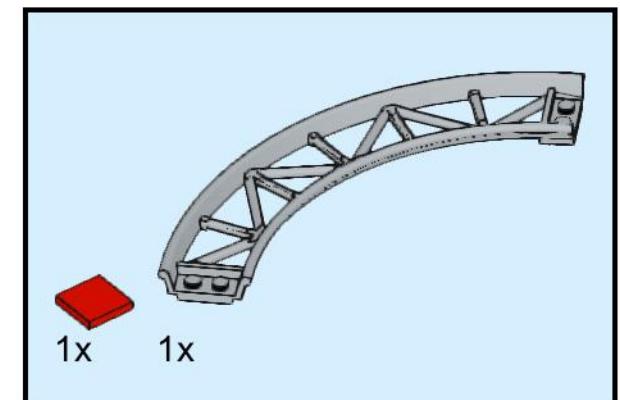
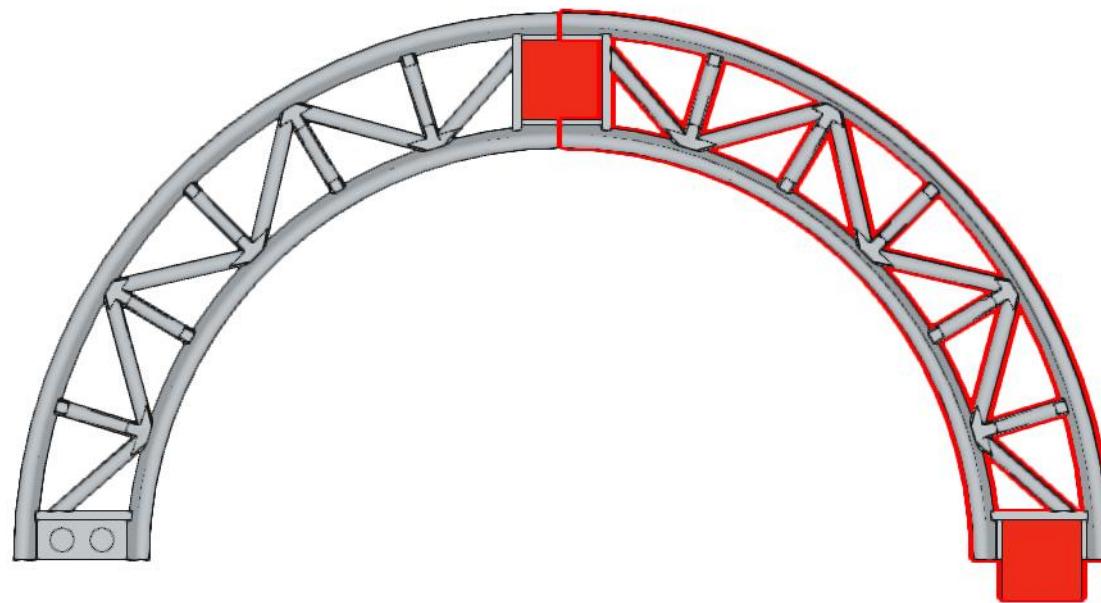


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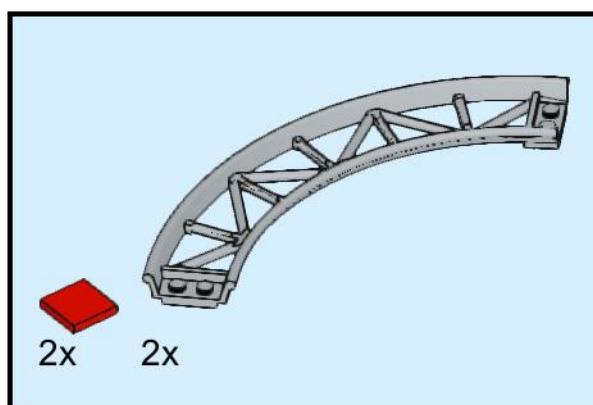
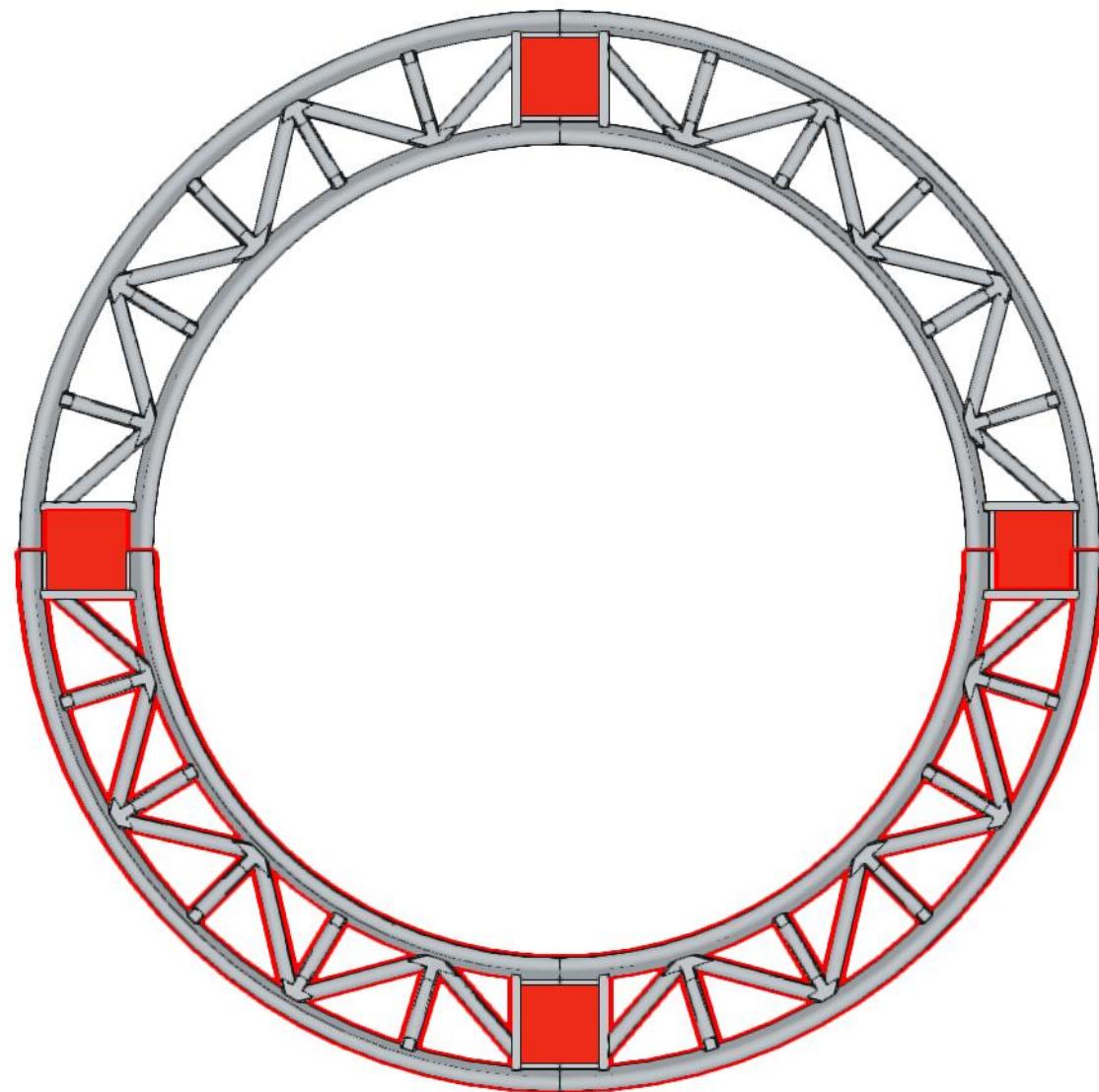


1x 1x

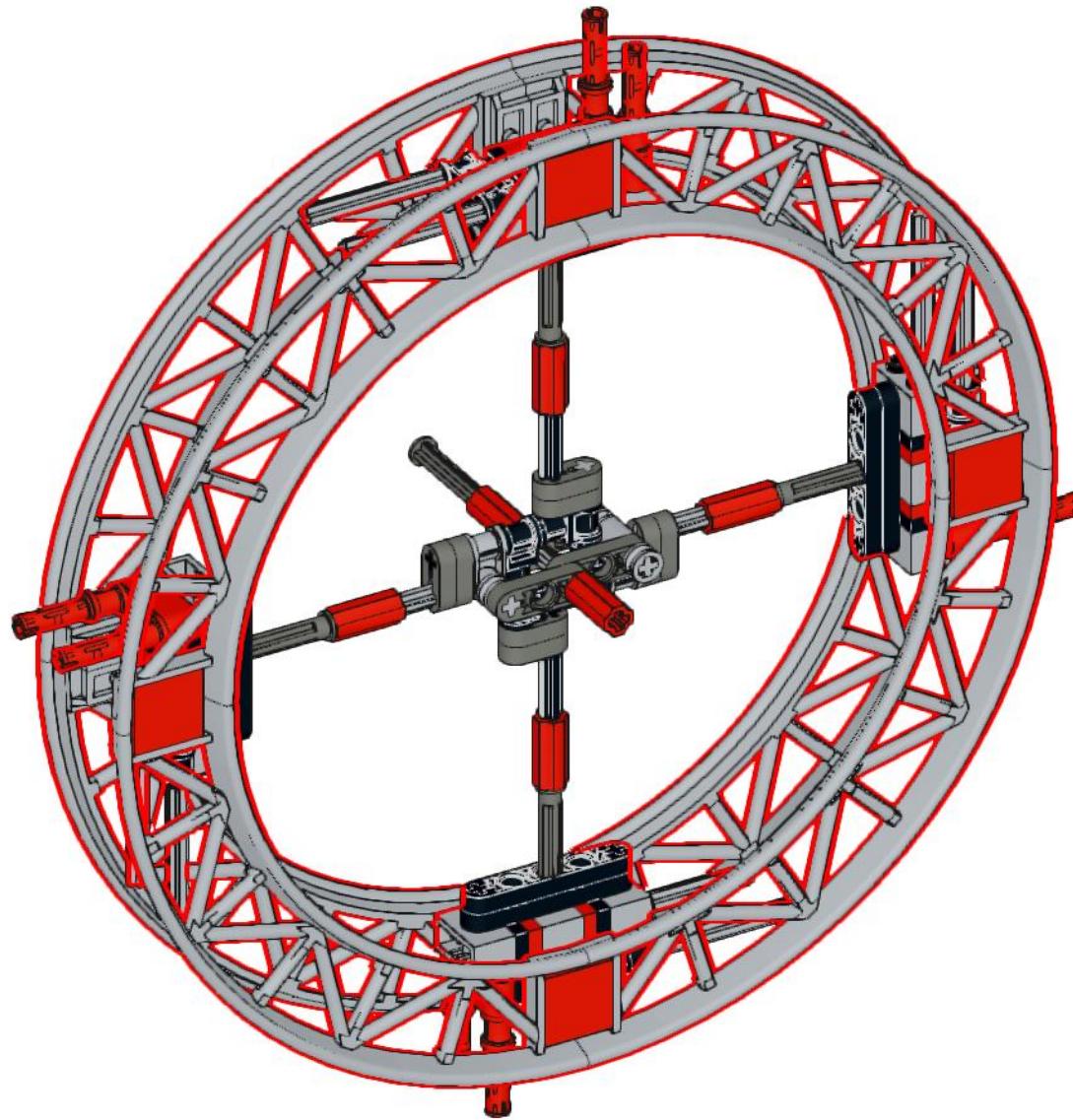
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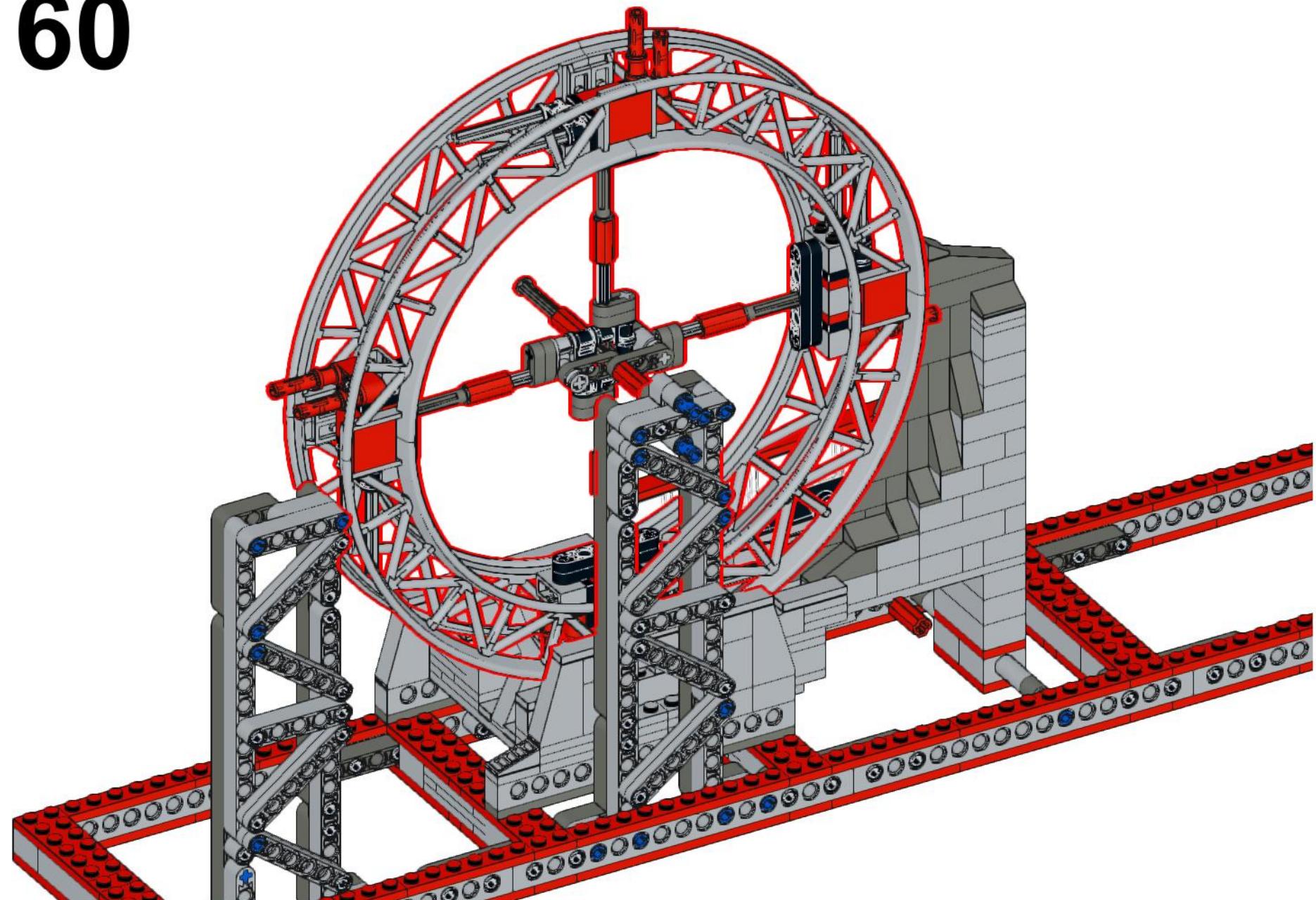
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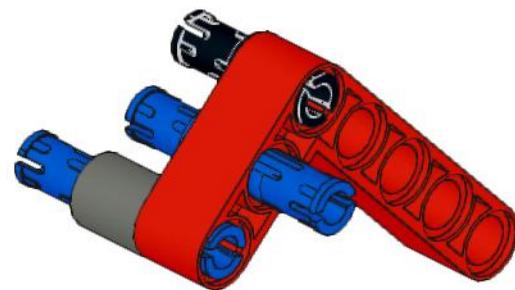
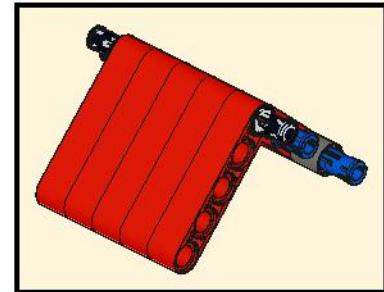
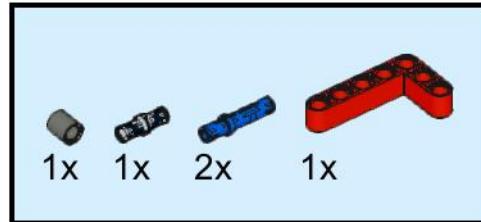
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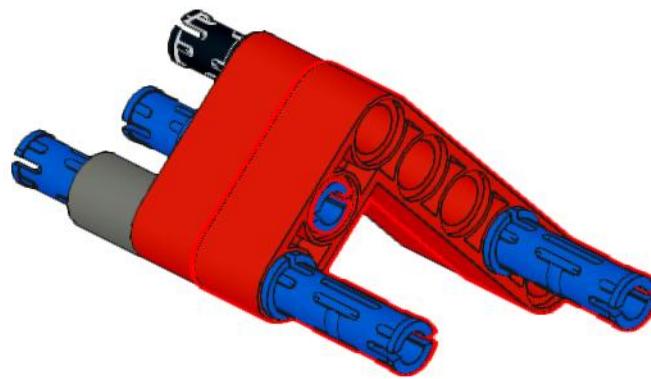
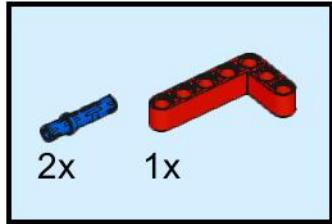
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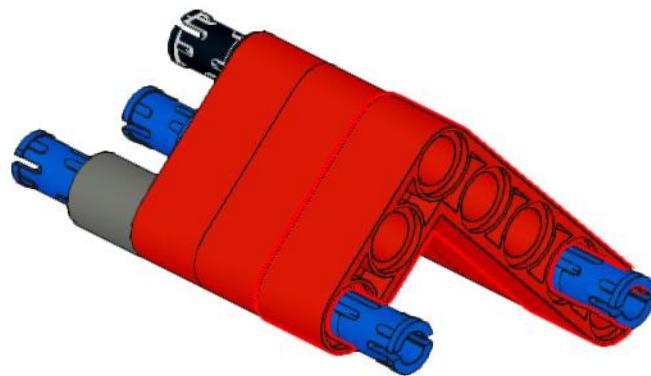
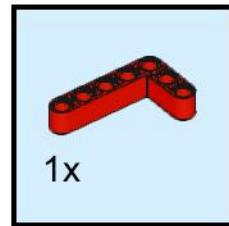
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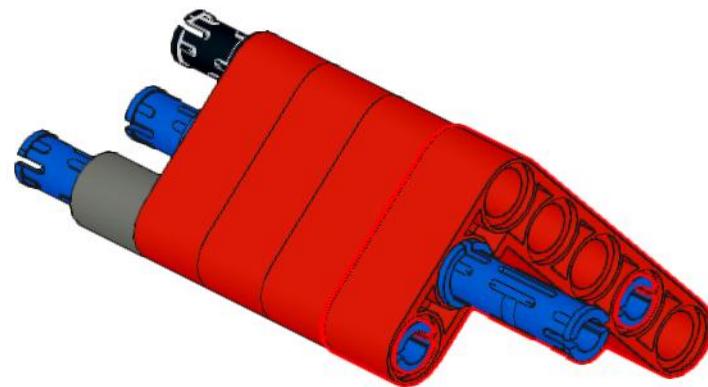
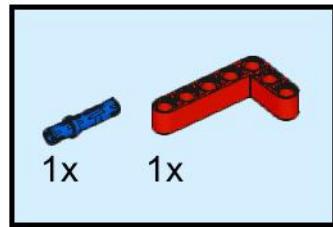
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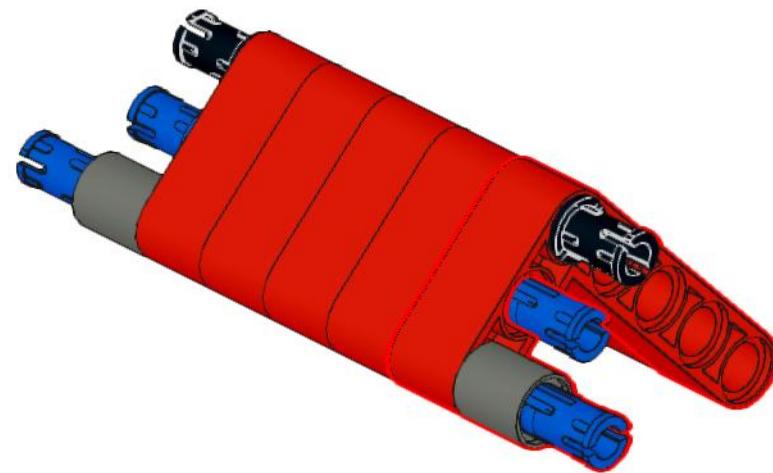
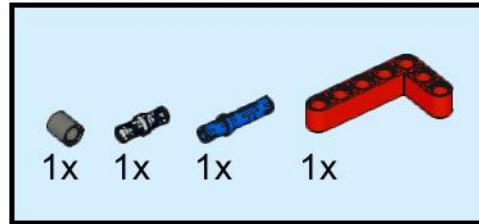
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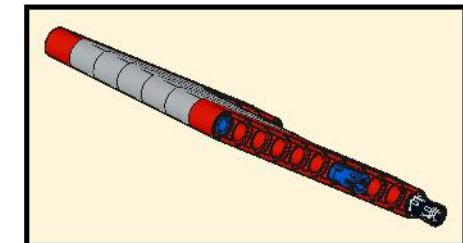
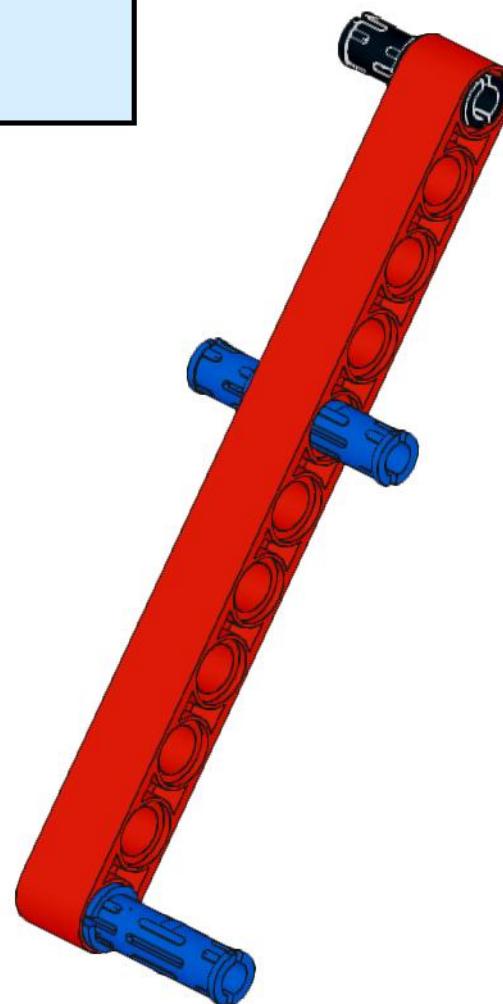
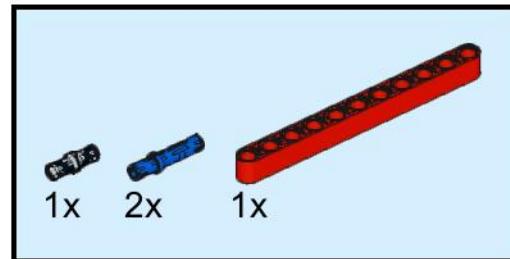
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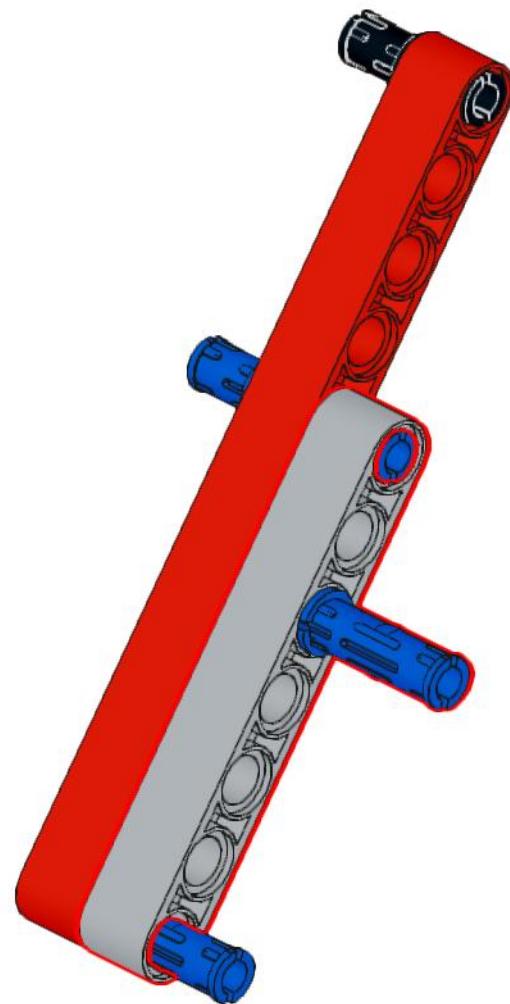
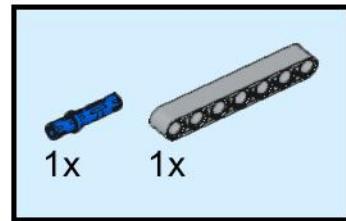
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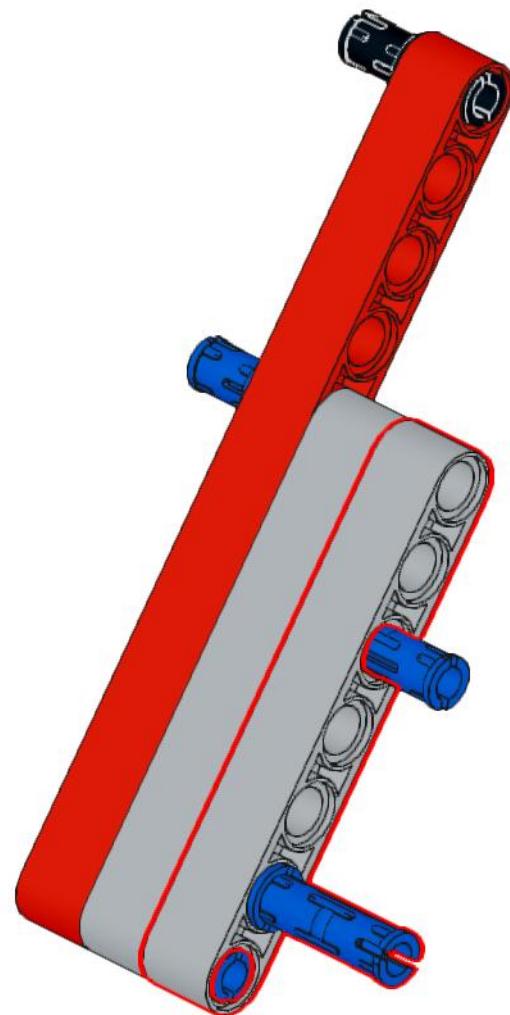
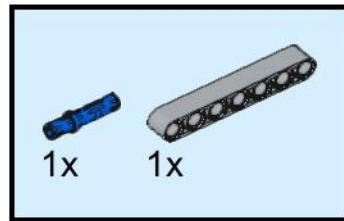
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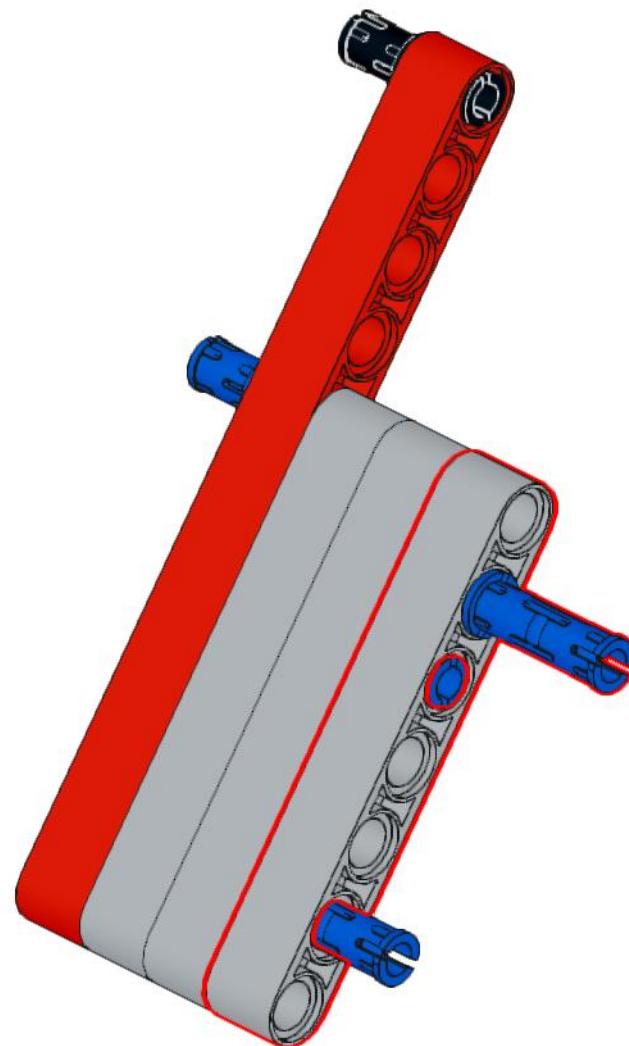
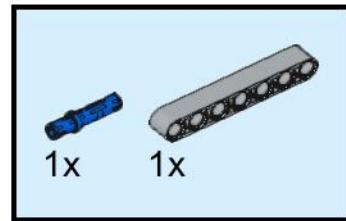
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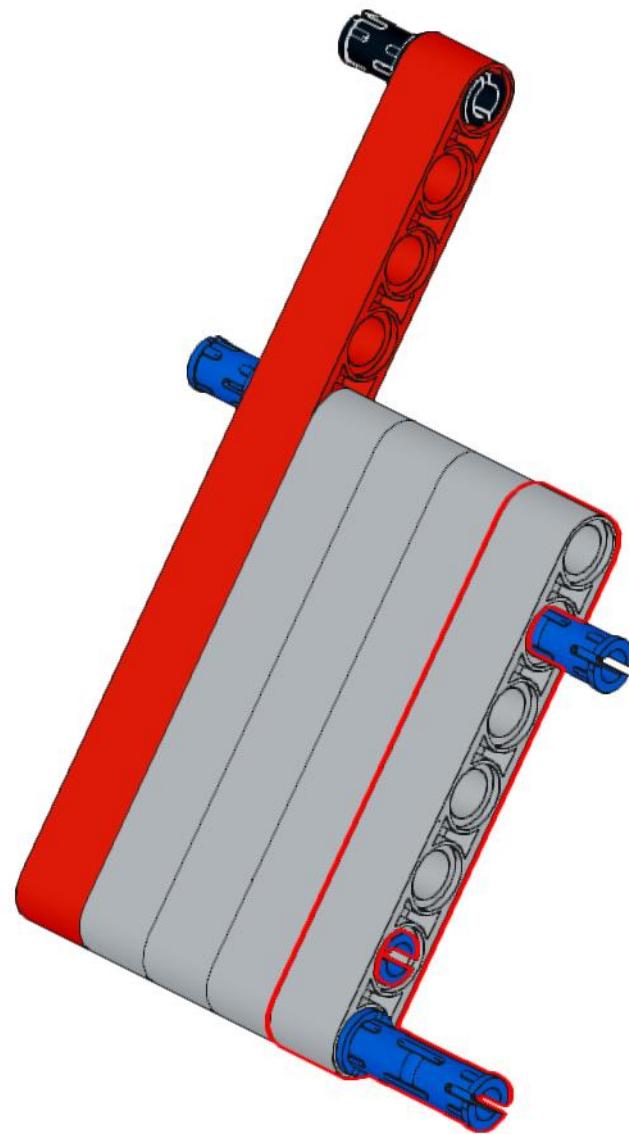
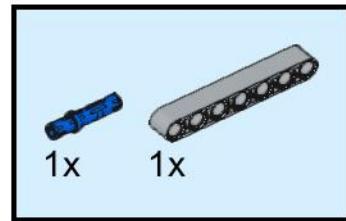
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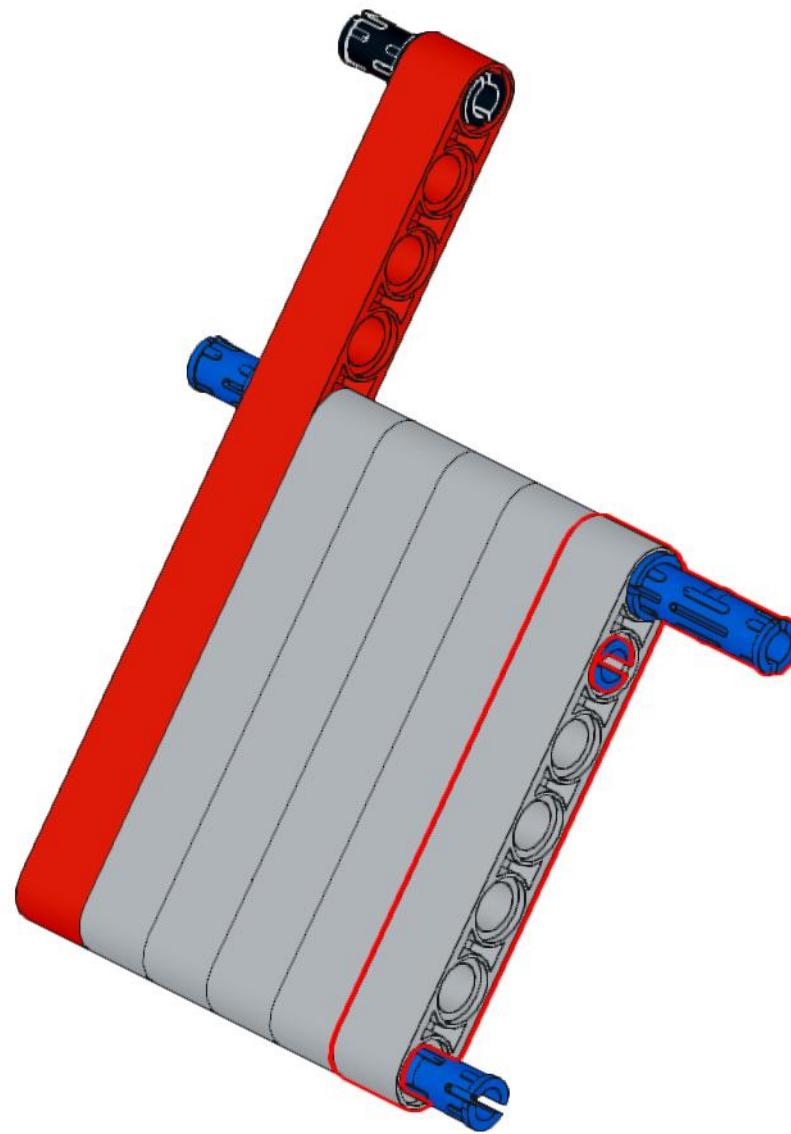
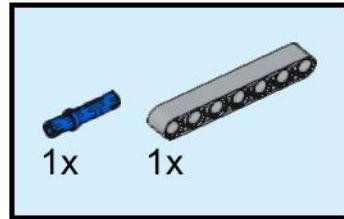
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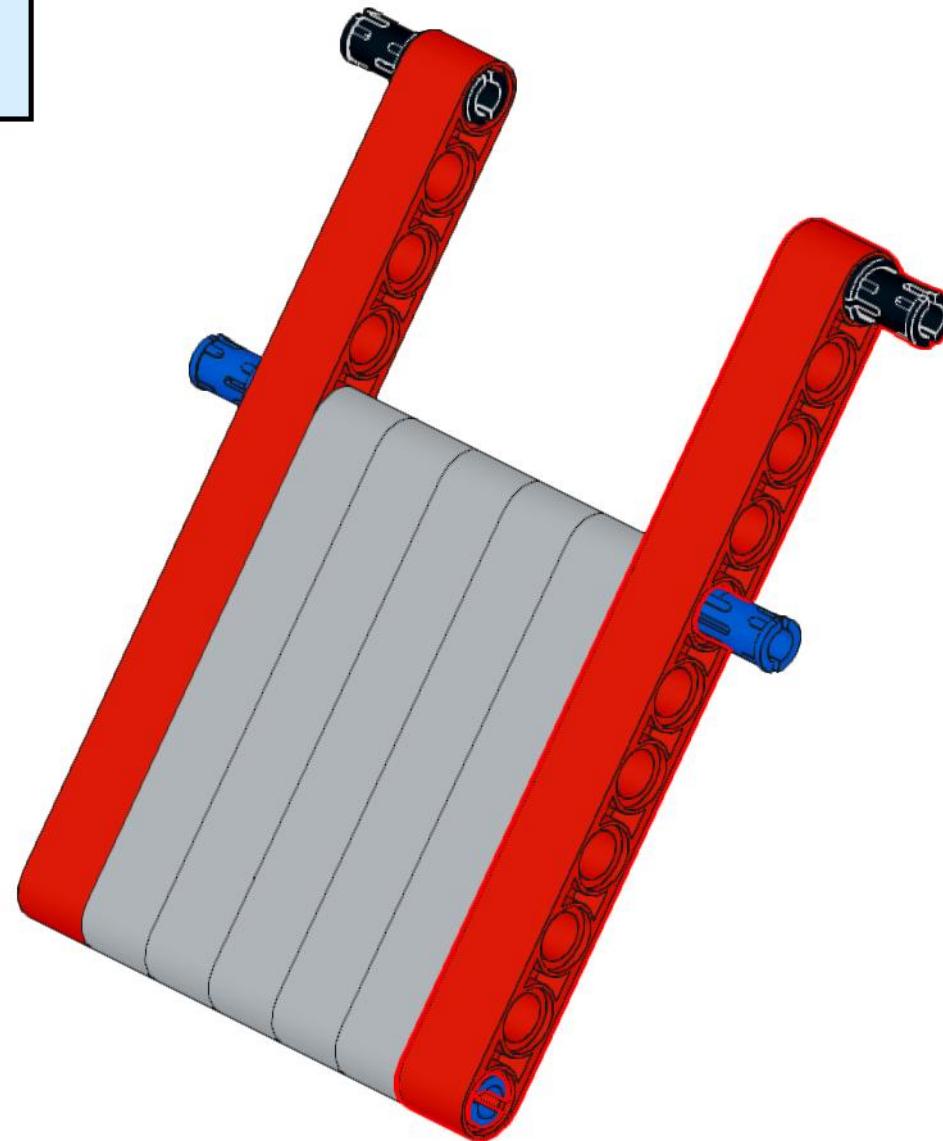
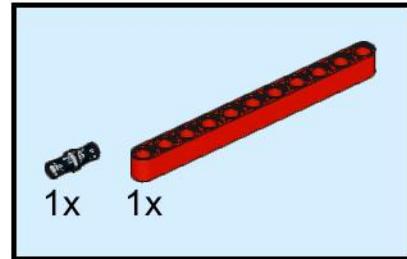
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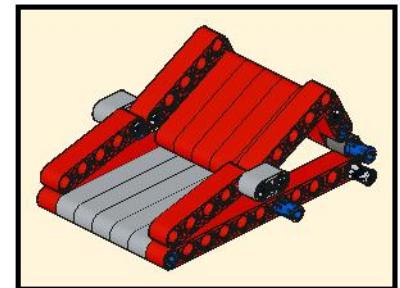
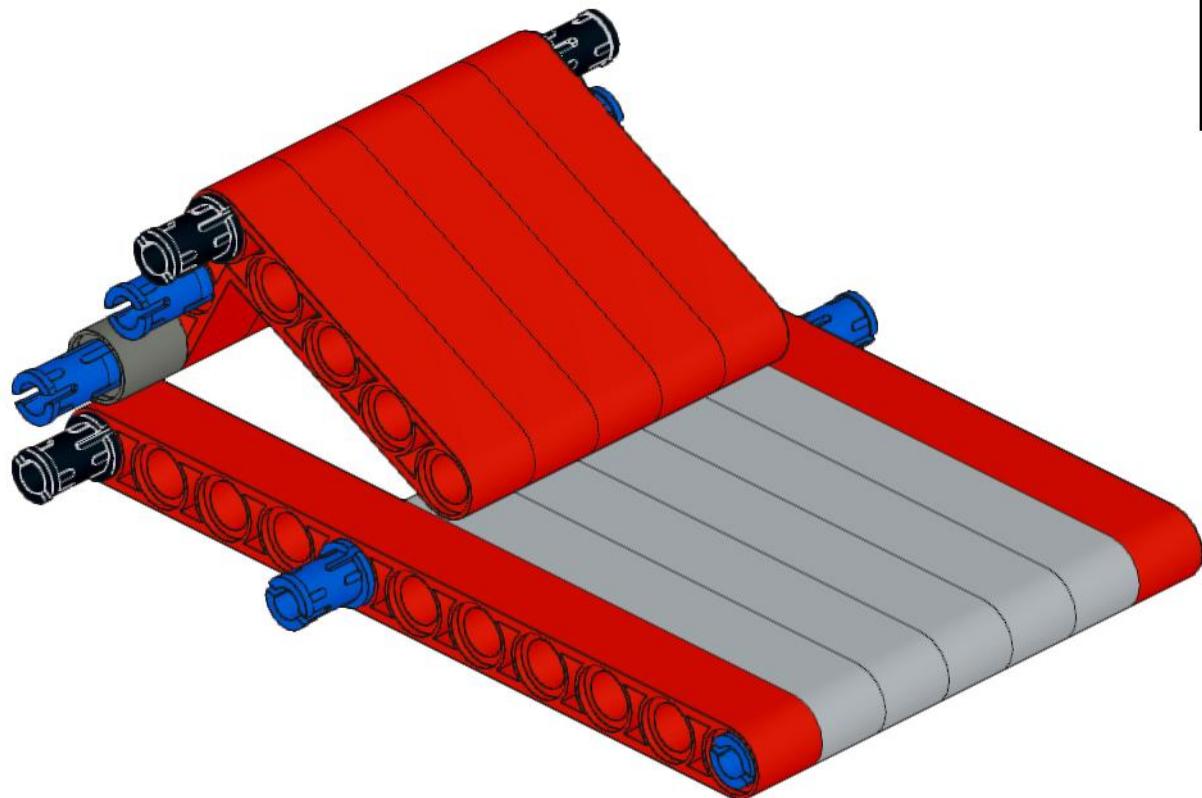
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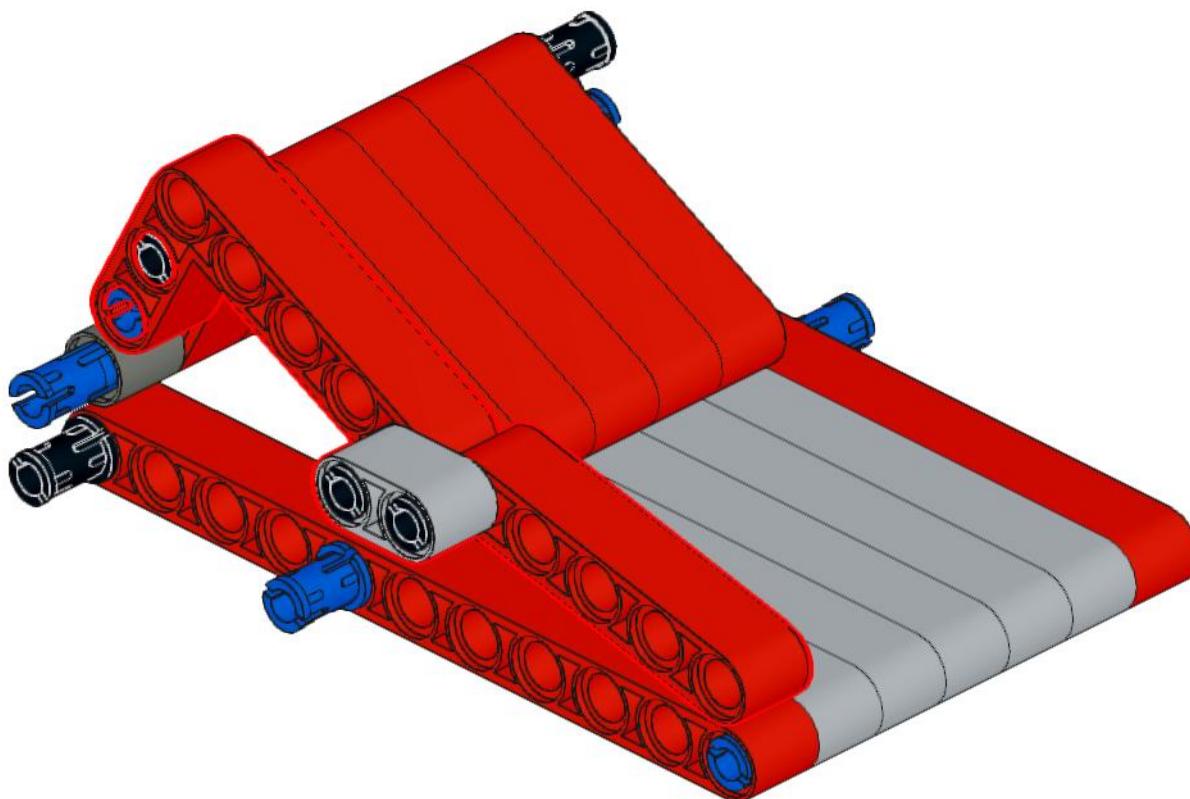
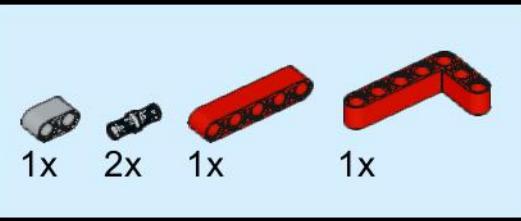
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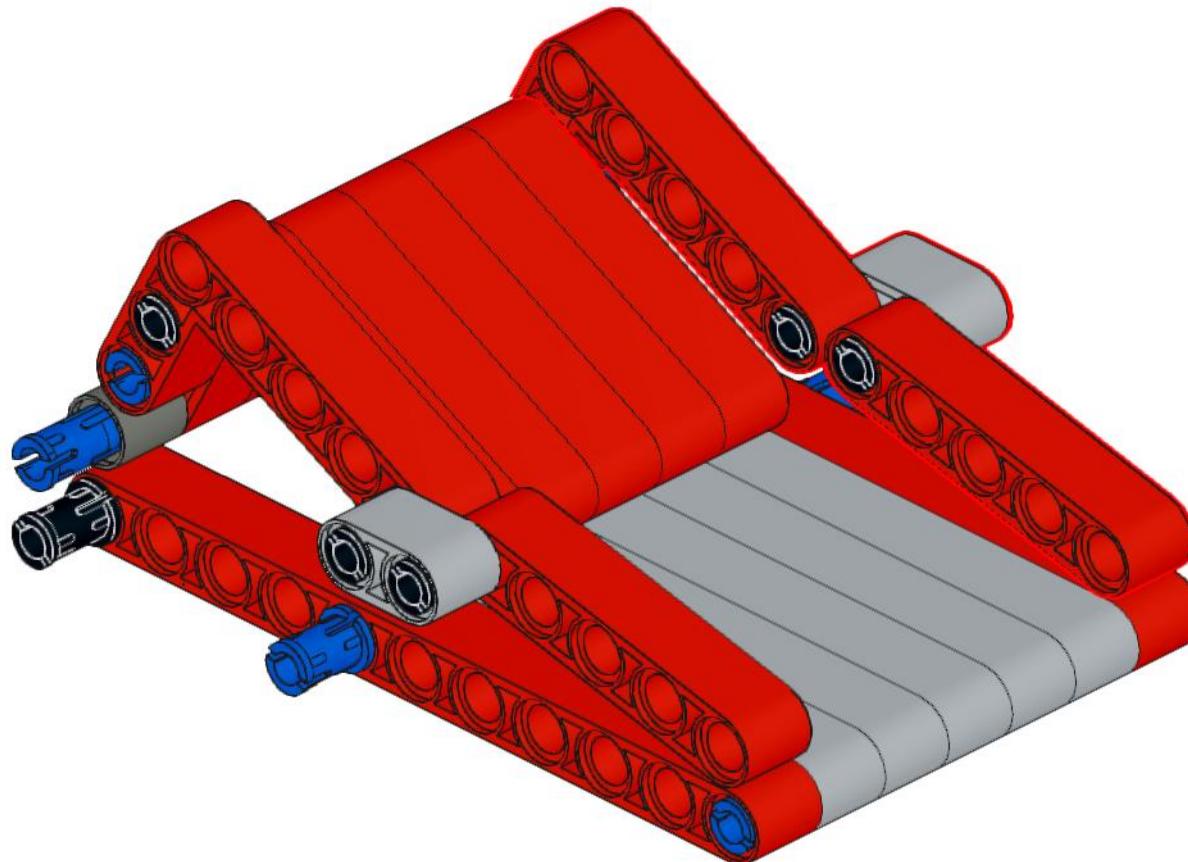
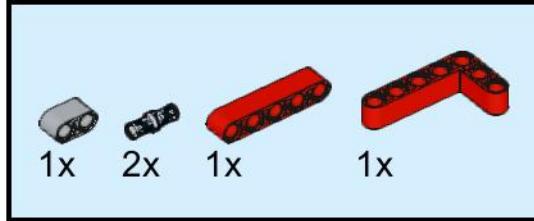
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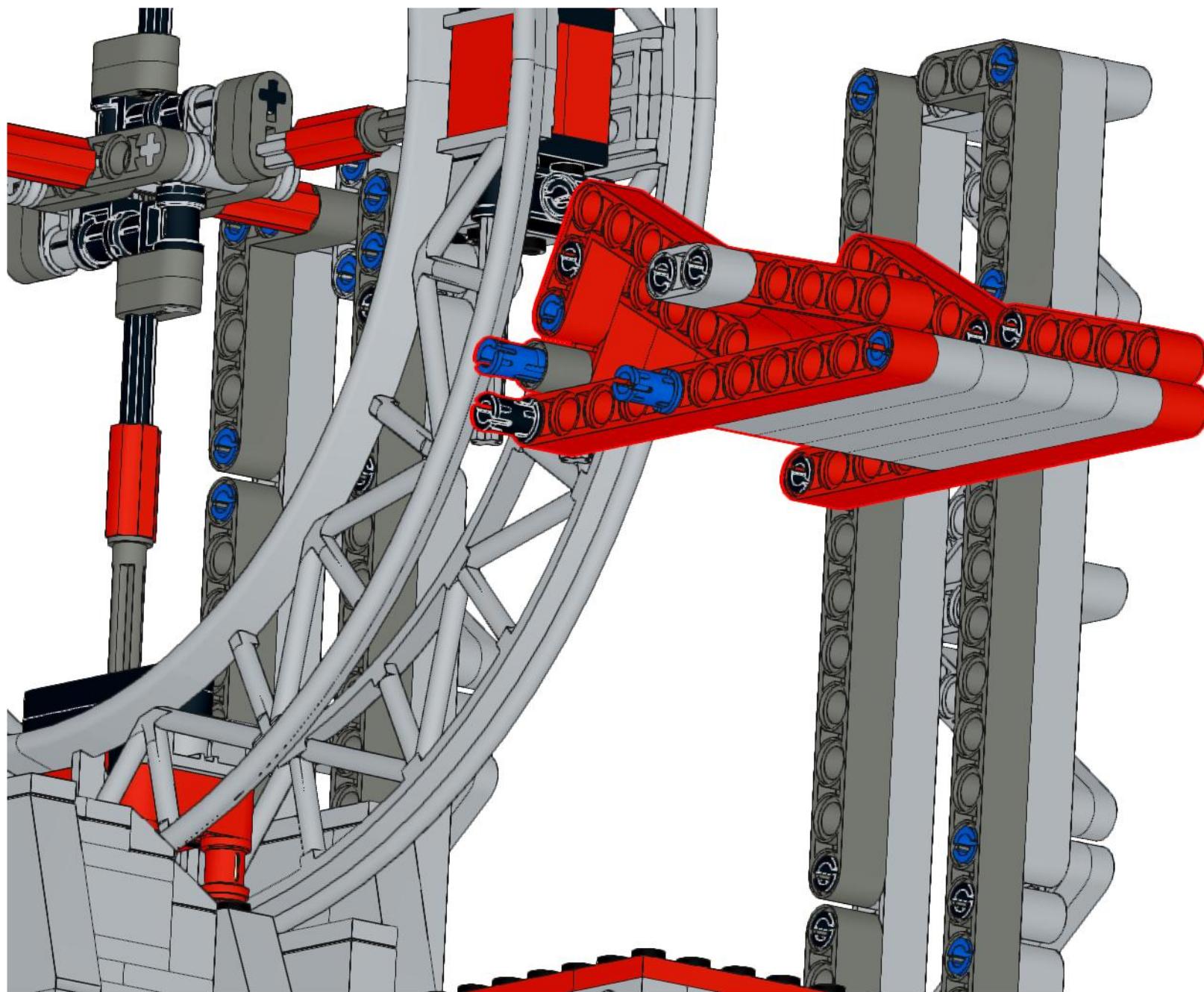


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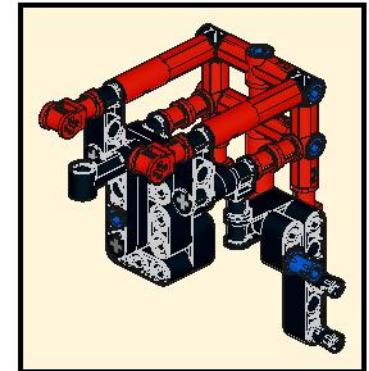
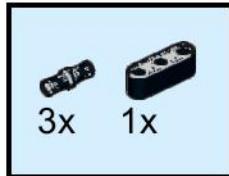
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176

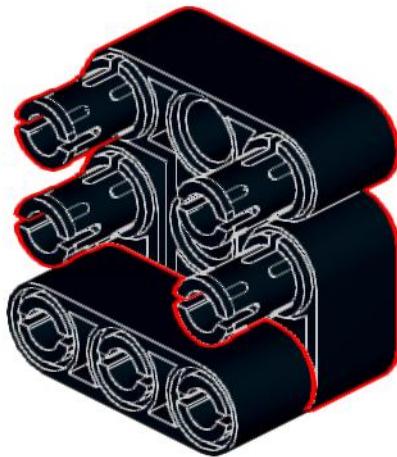
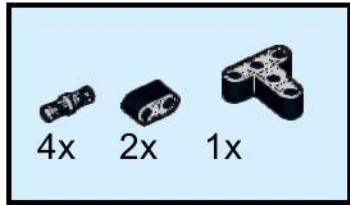
177



NOTE: Steps 177-183

This assembly is replaced by a new biscuit-based 'Ball Ejector' in the updated Studio IO file. The new design is sturdier, keeping the tile that ejects the balls from the wheel aligned much more firmly.

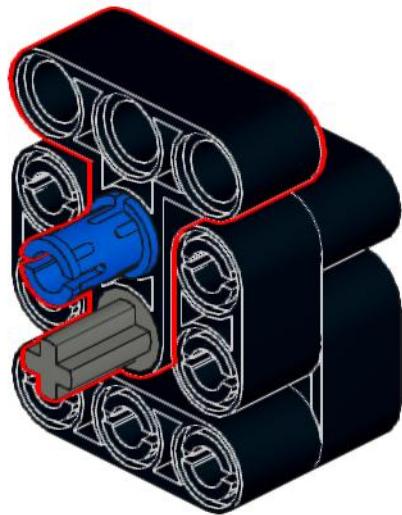
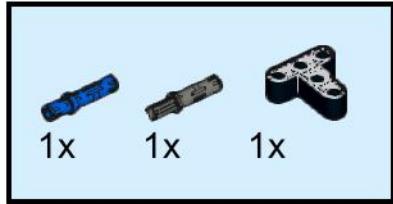
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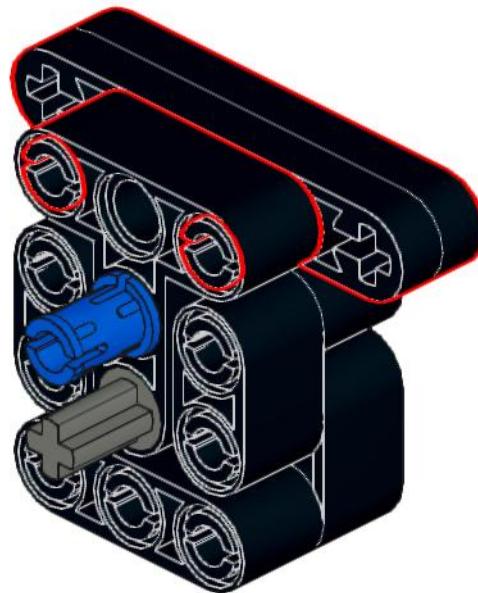
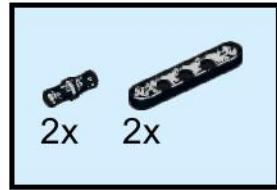
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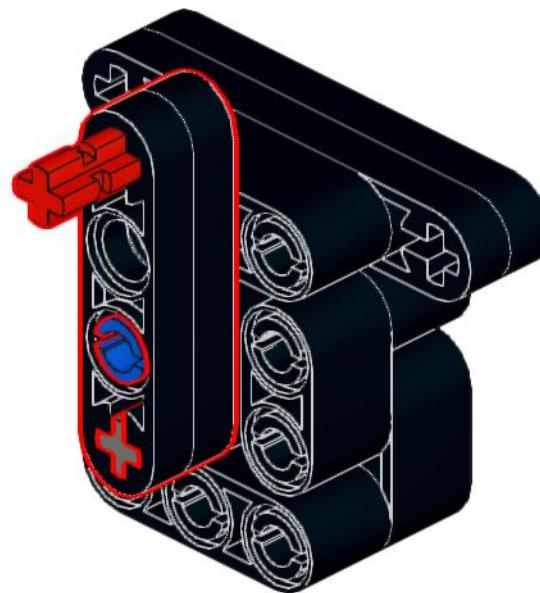
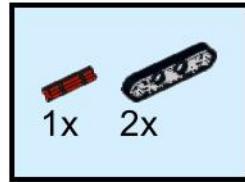
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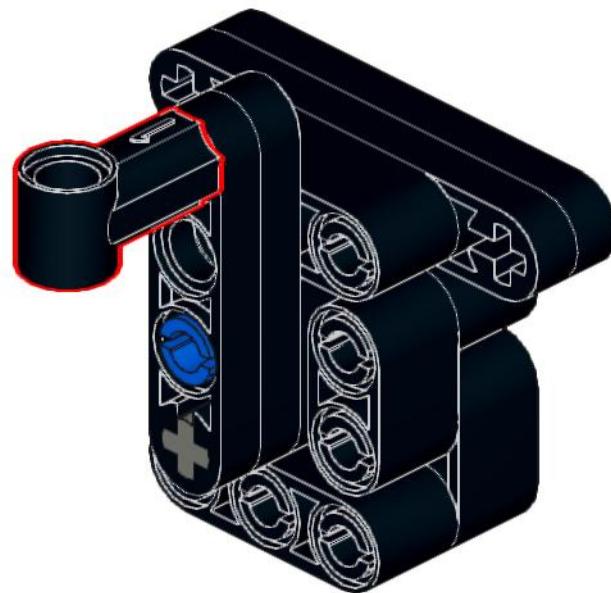
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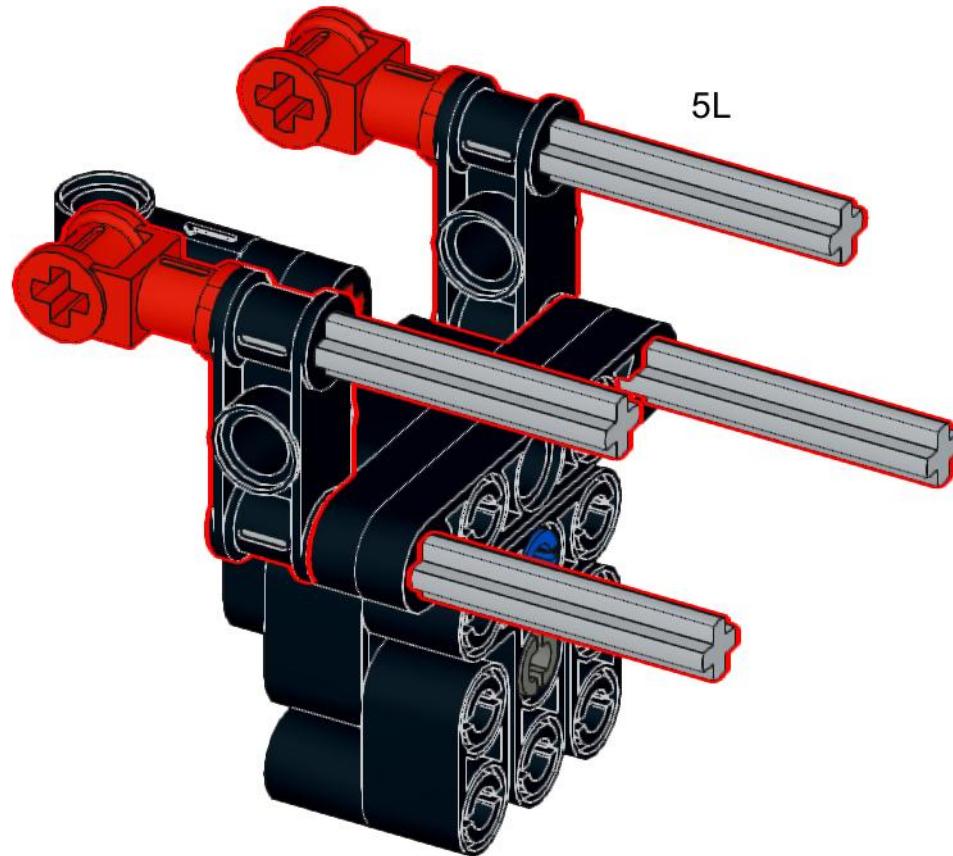
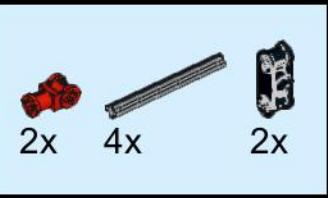
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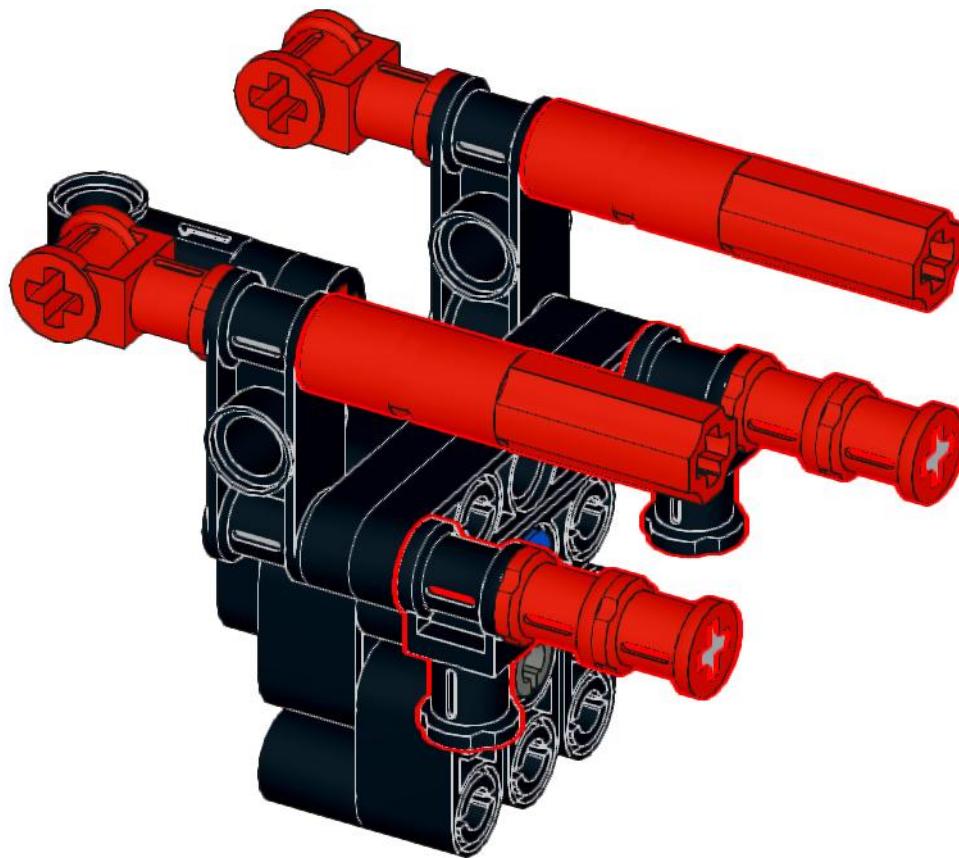
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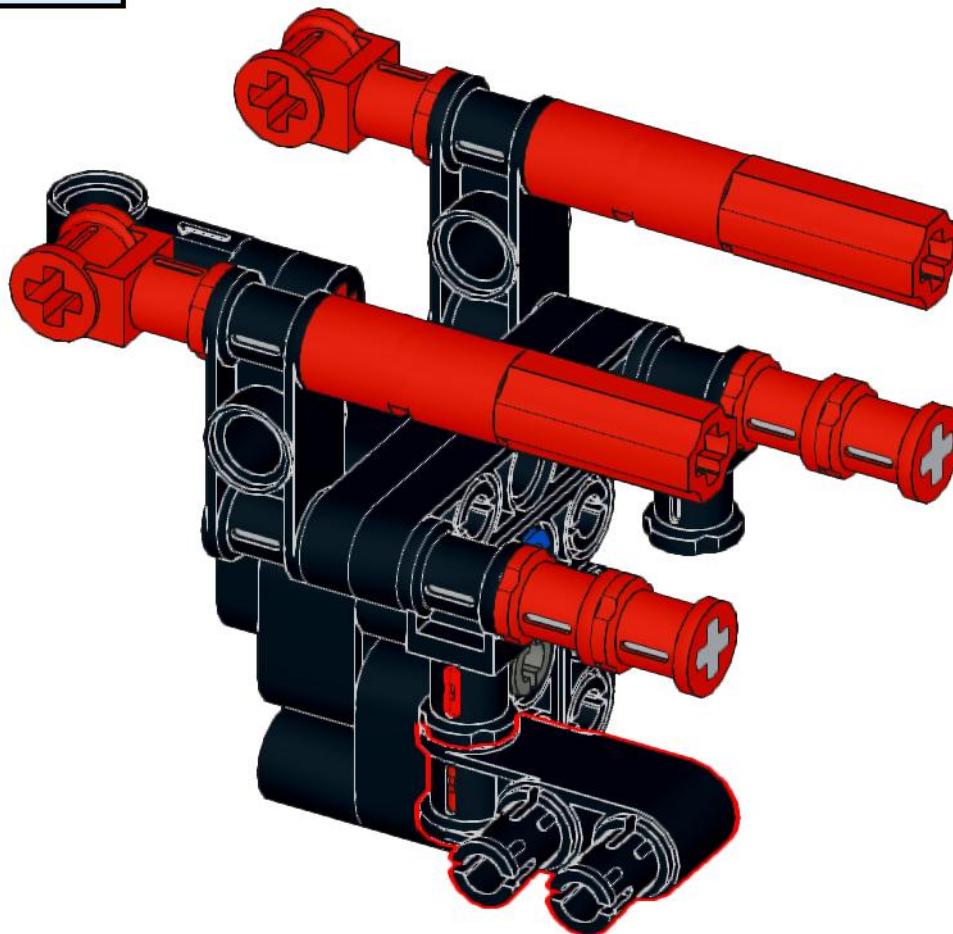
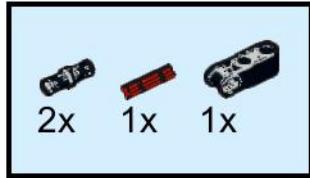
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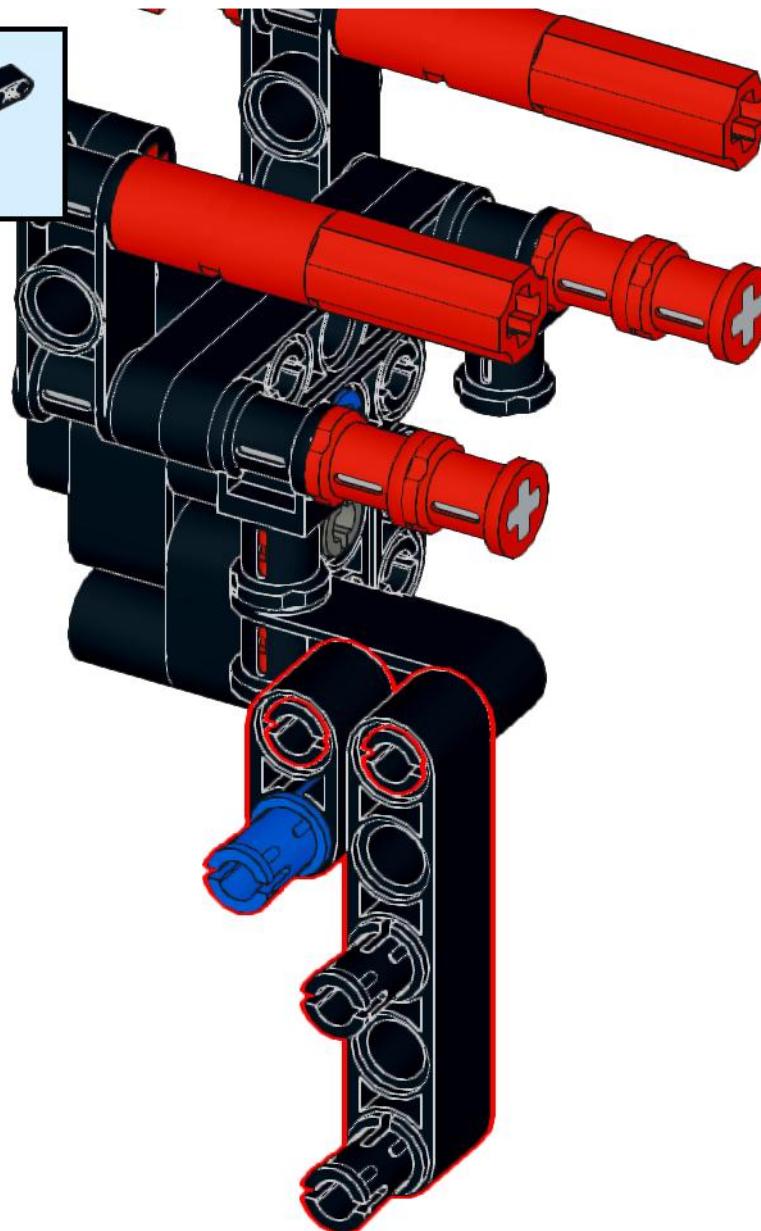
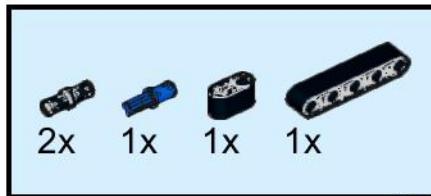
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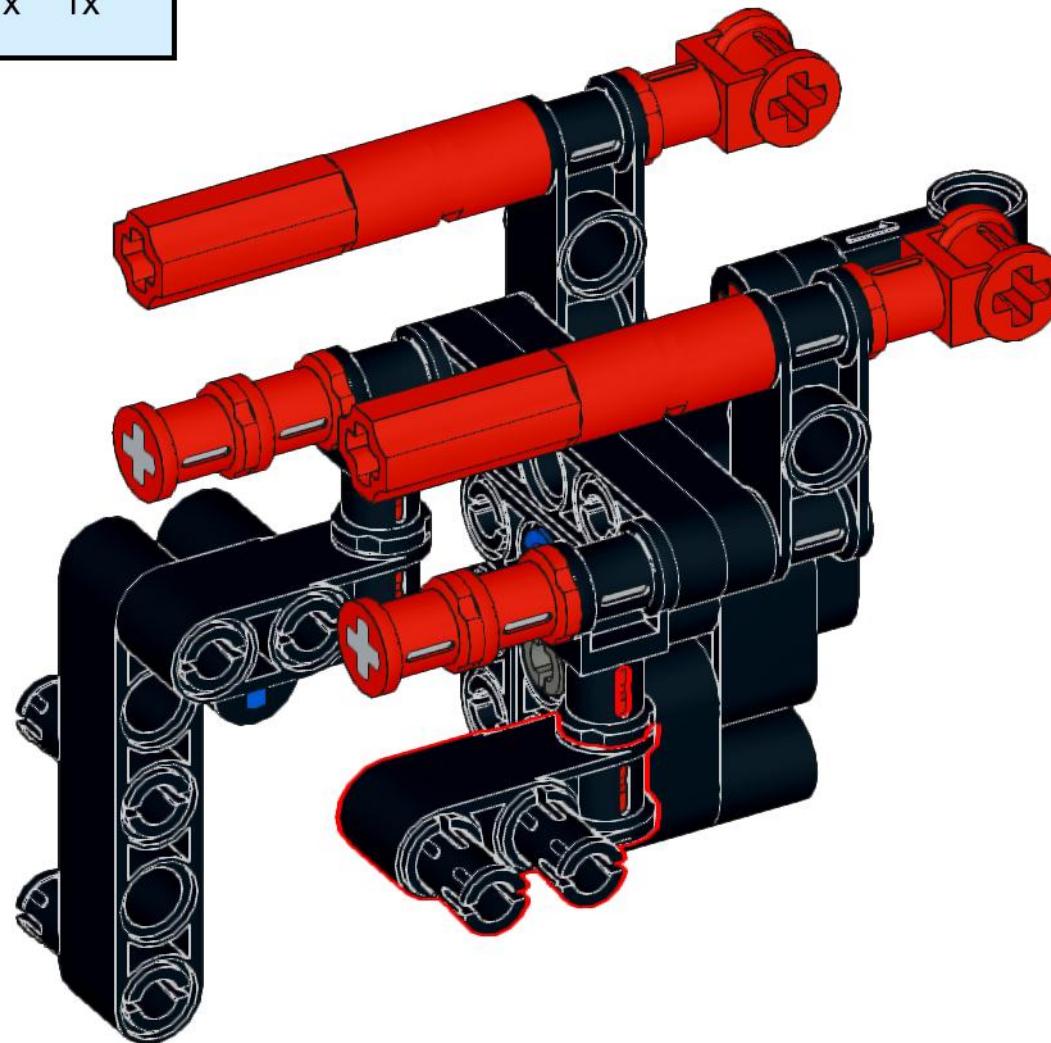
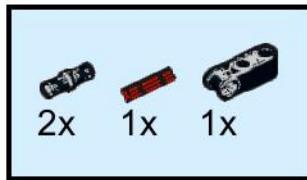
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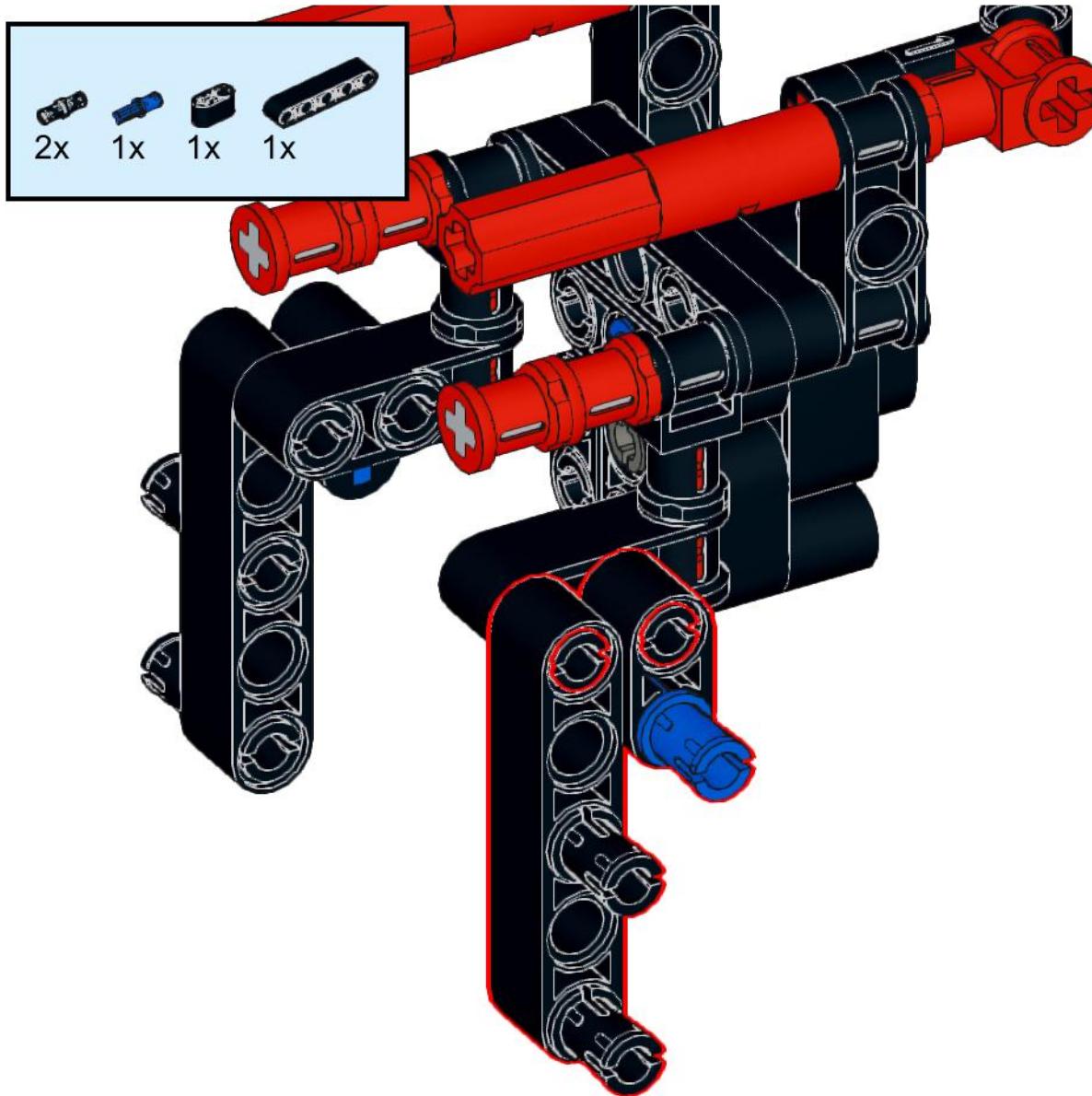
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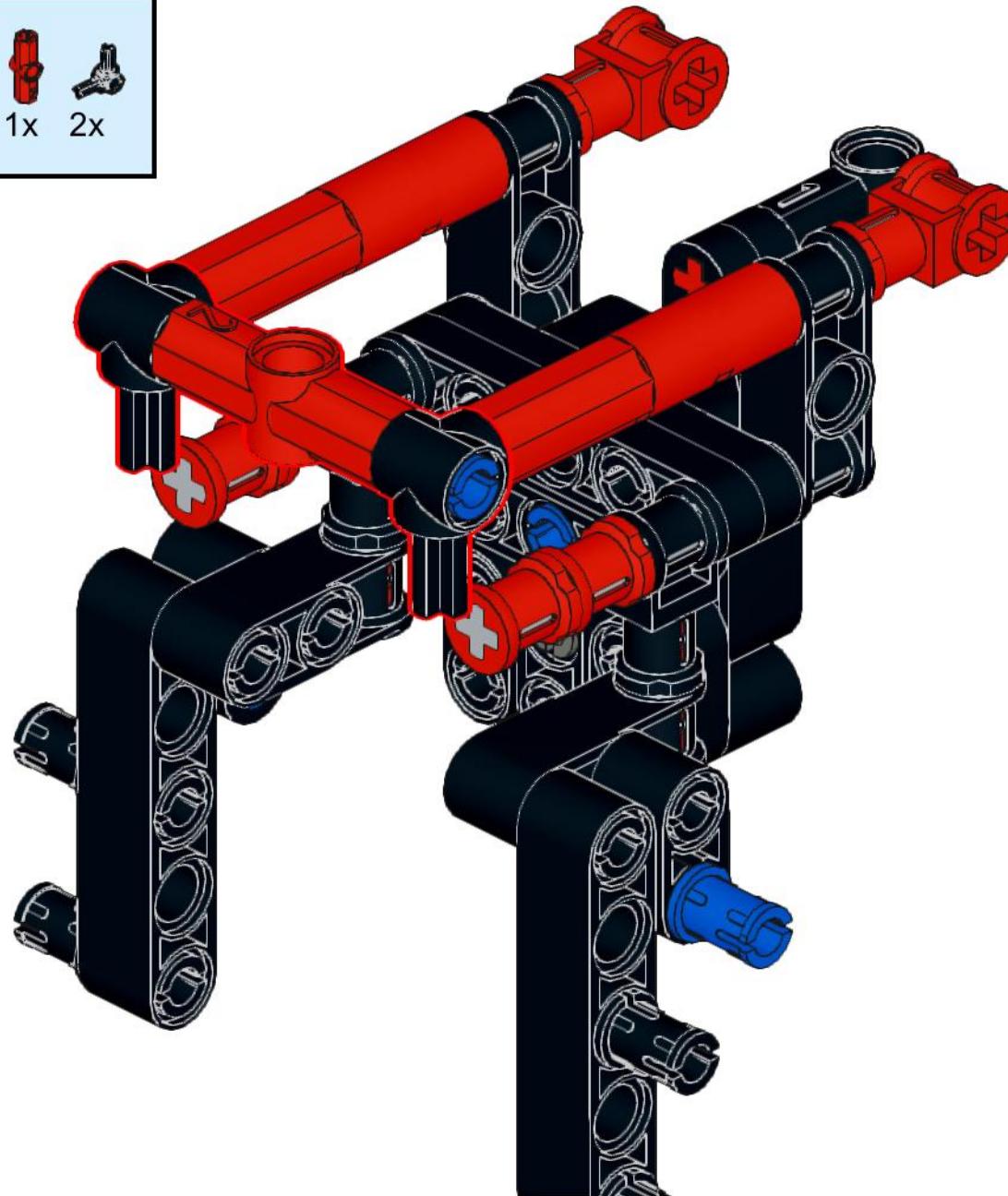
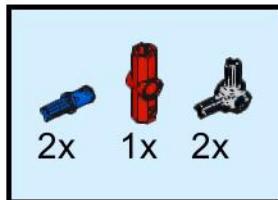
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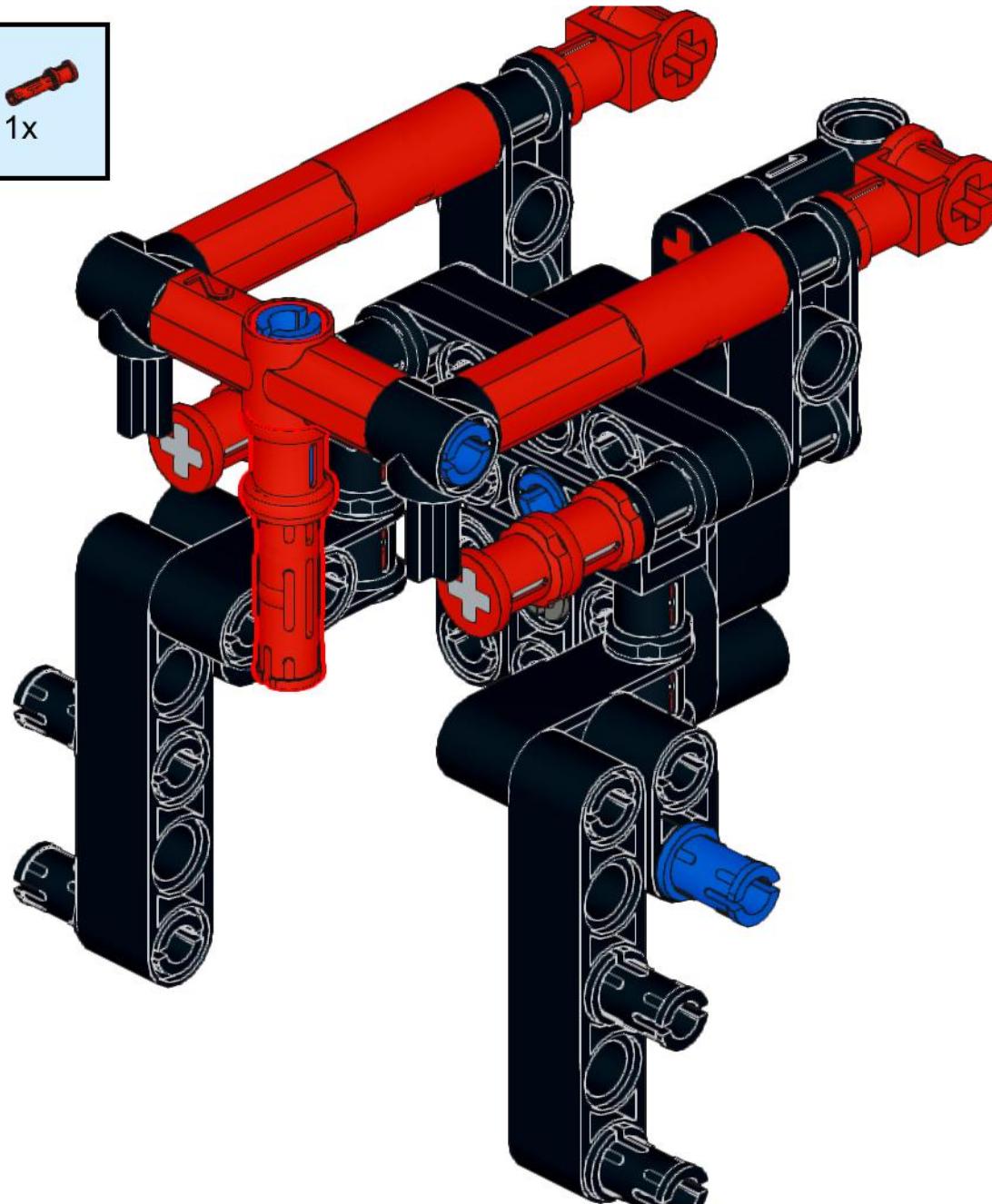
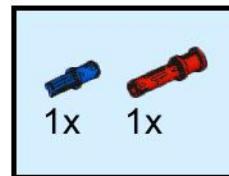
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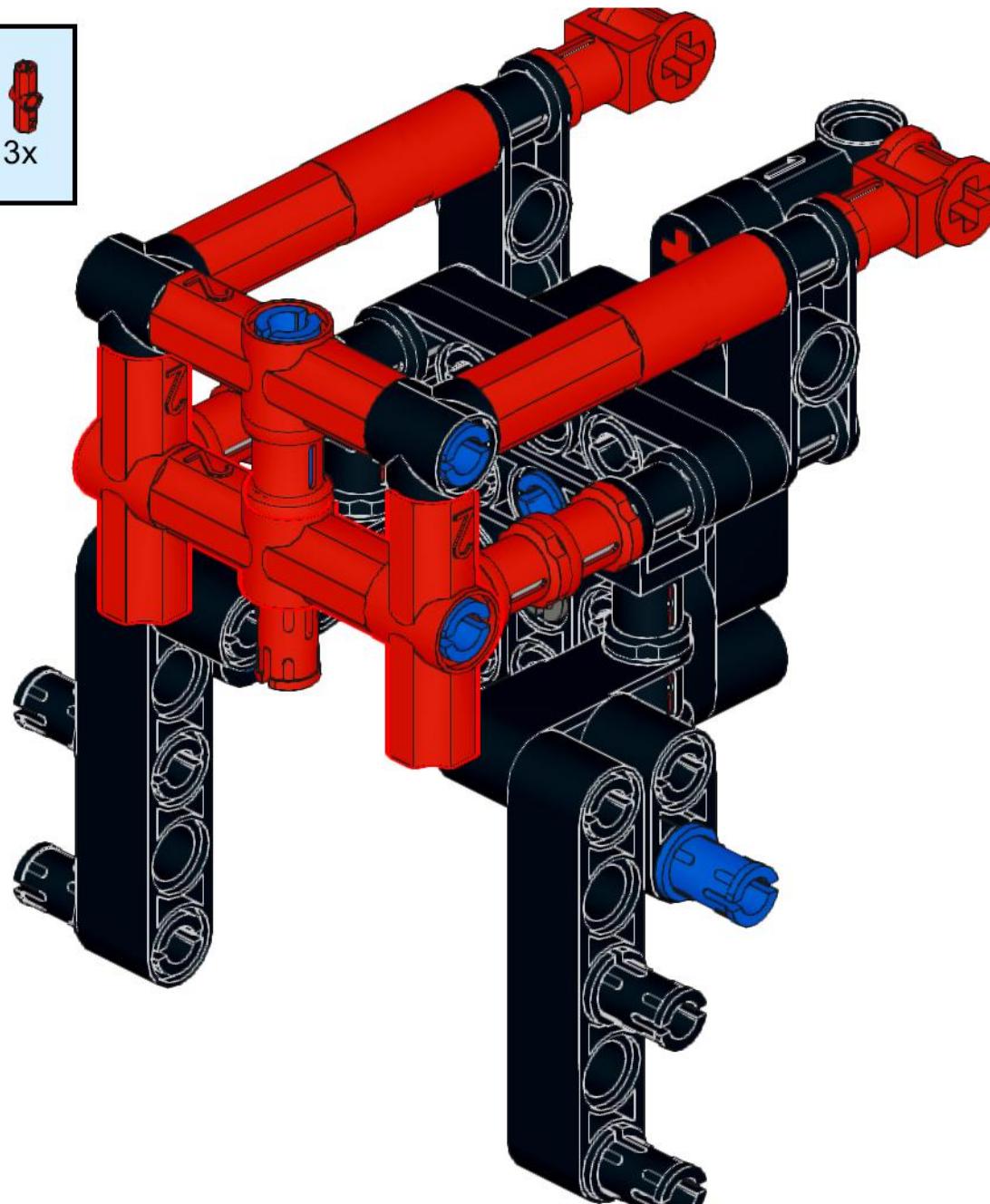
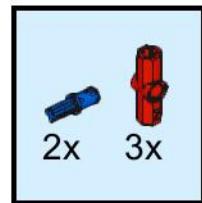
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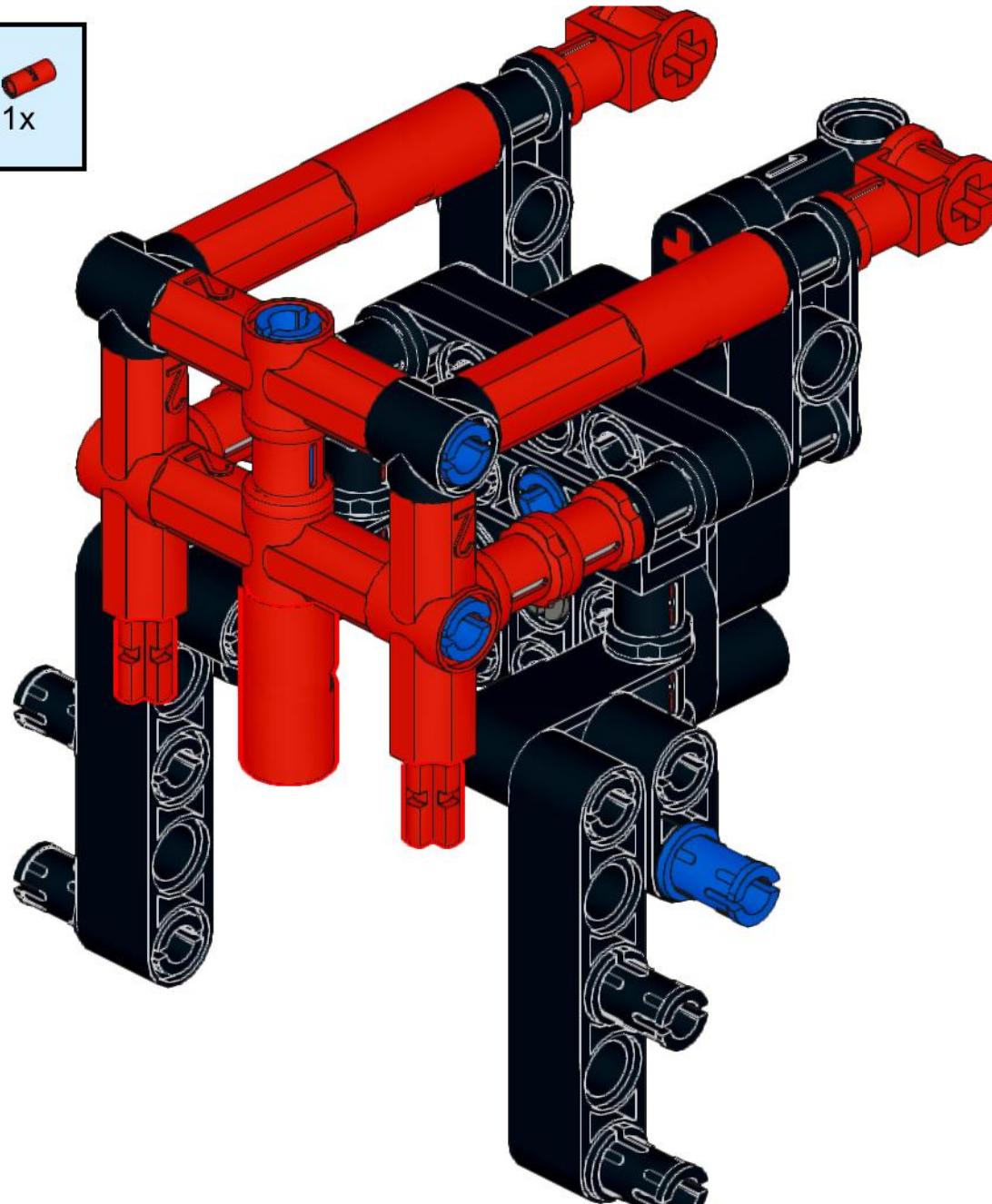
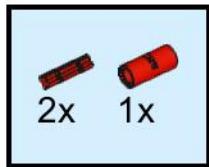
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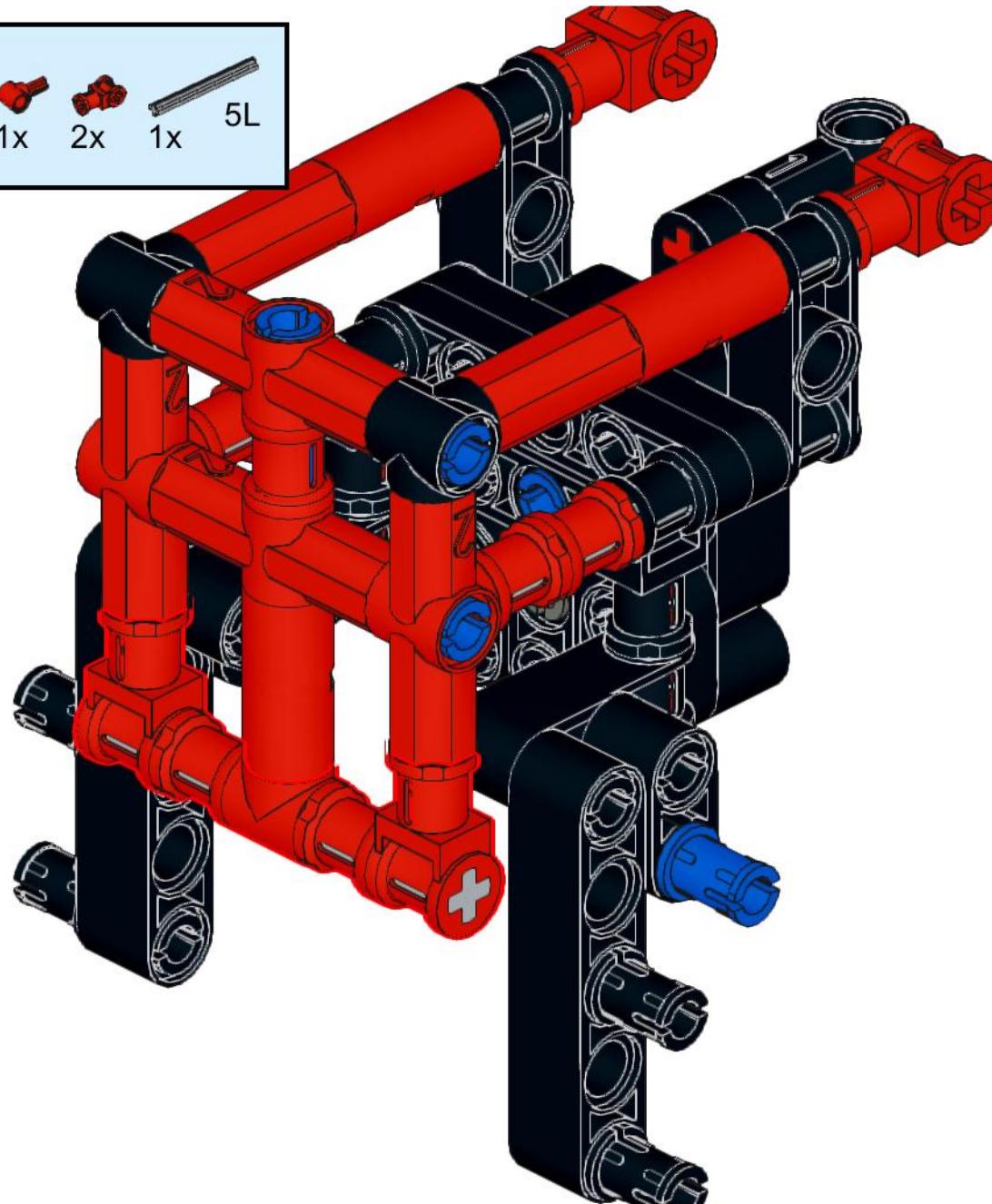
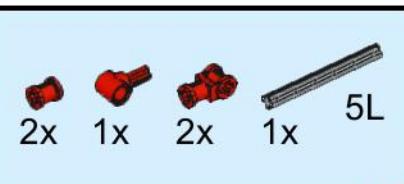
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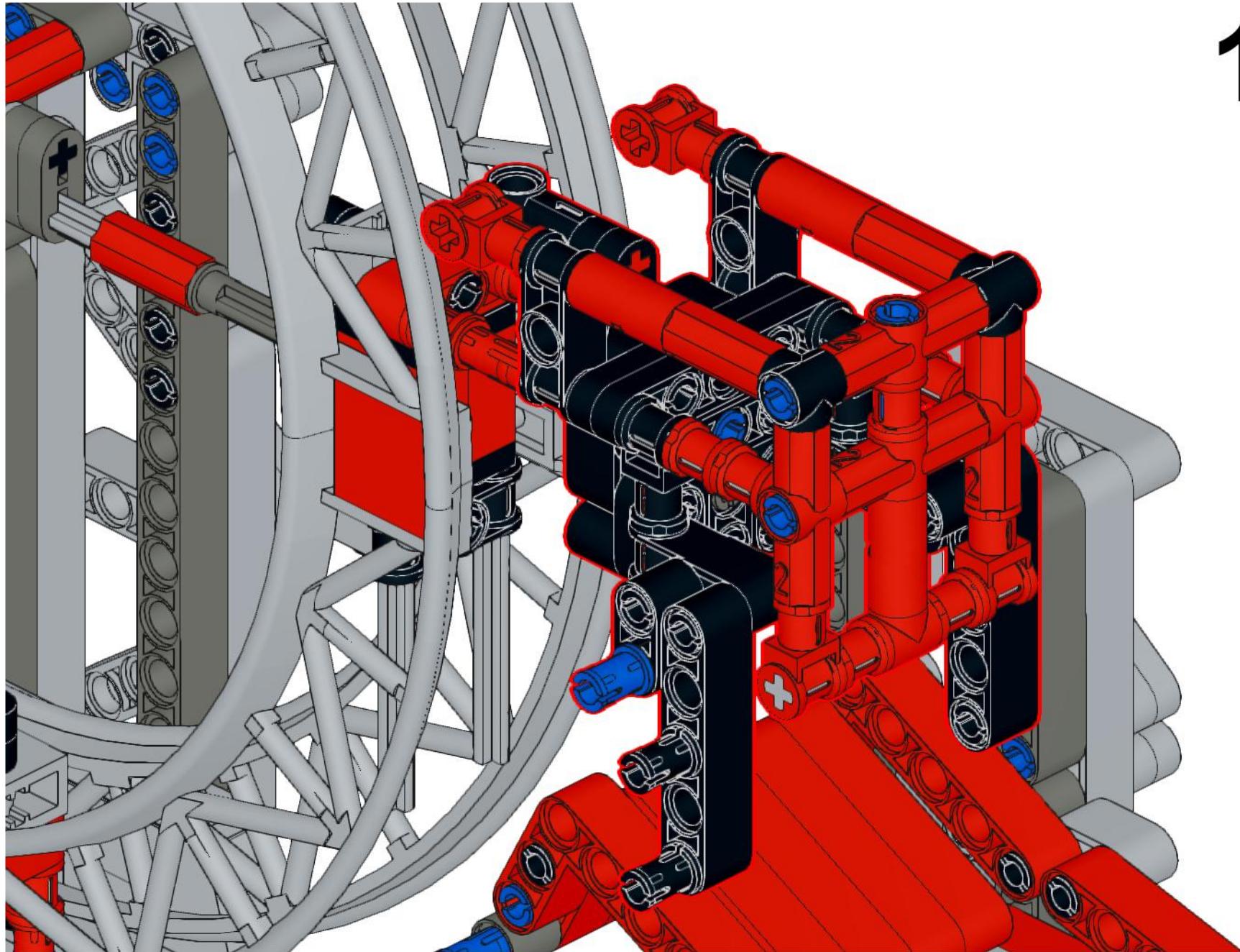
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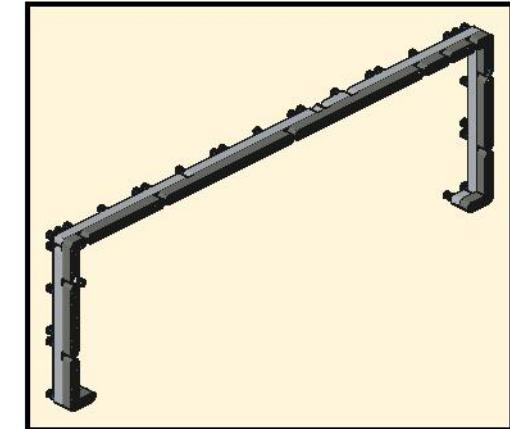
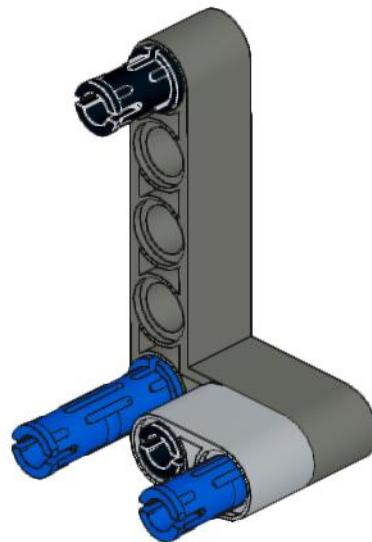
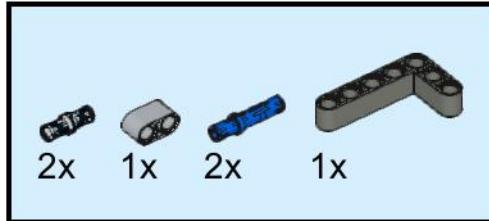
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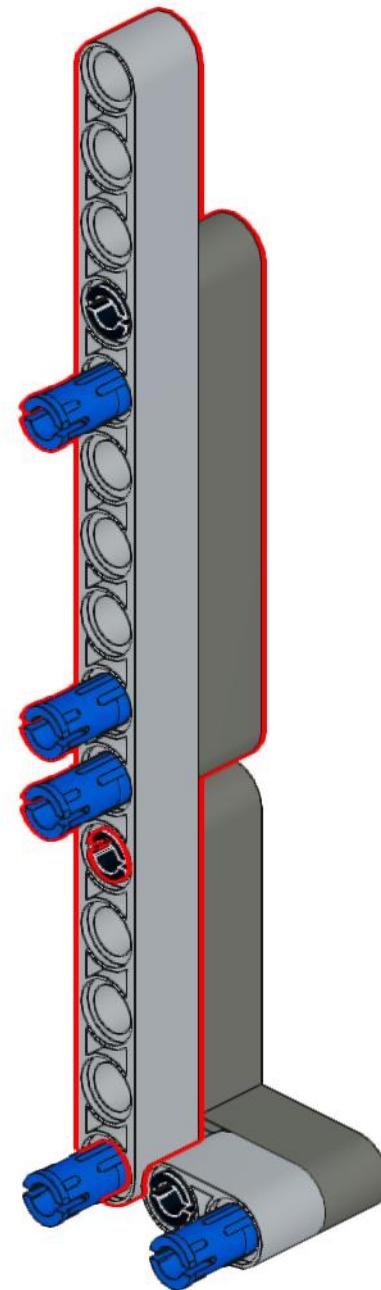
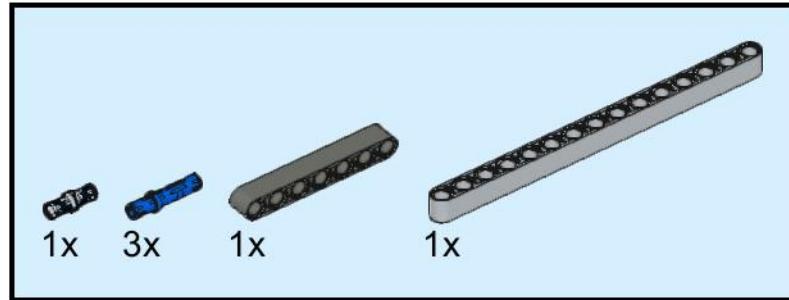
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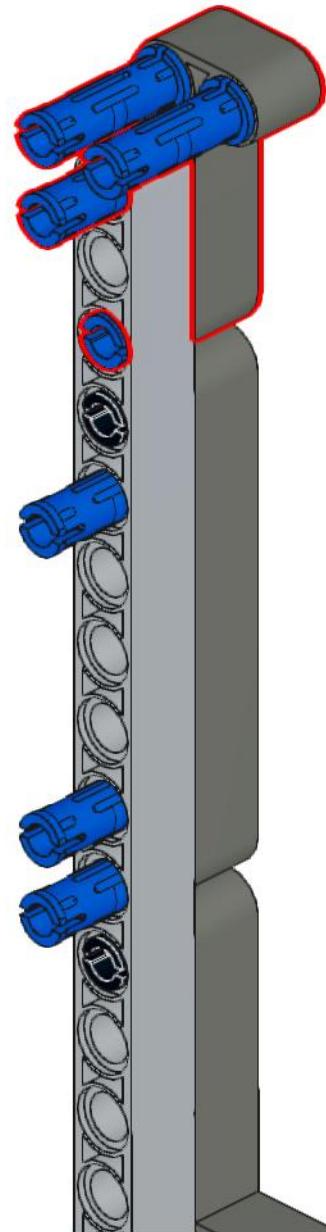
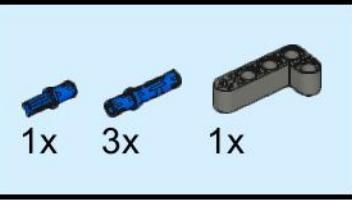
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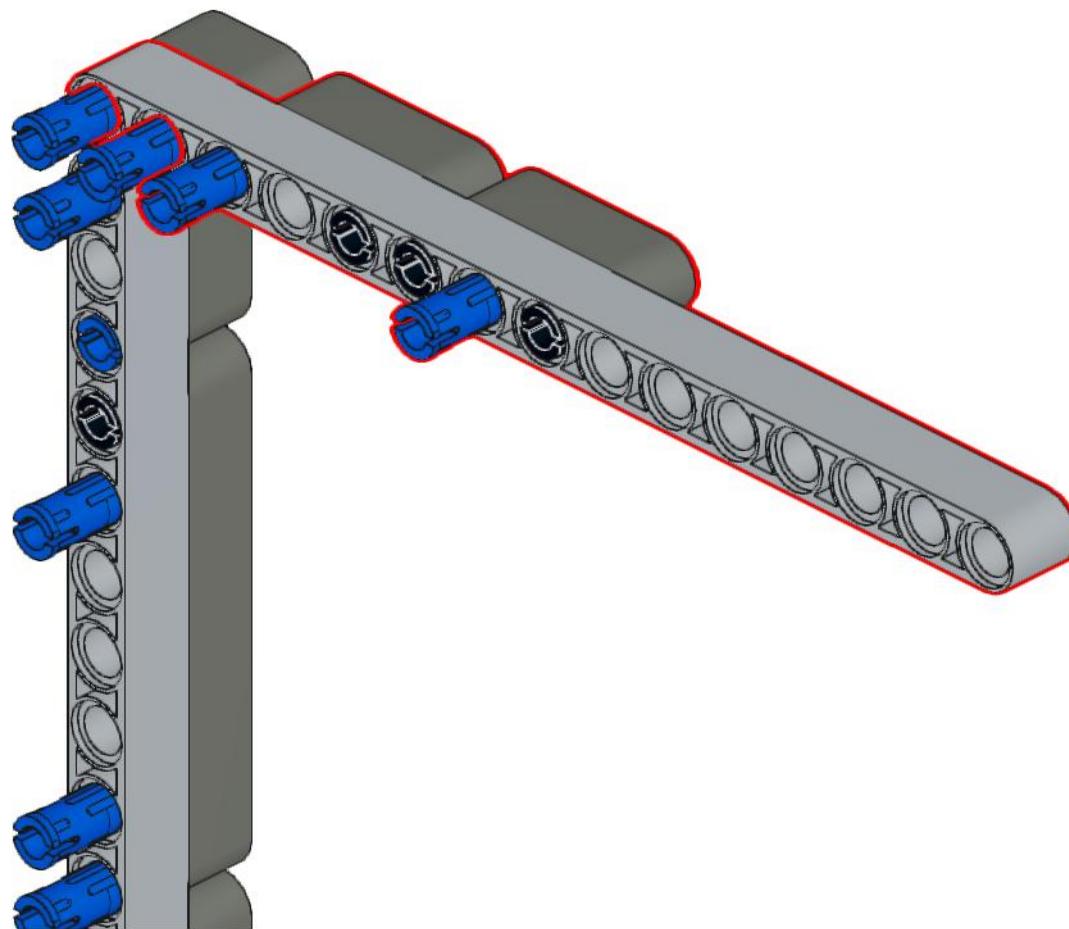
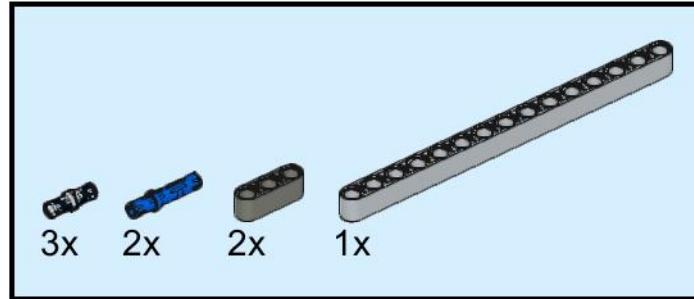
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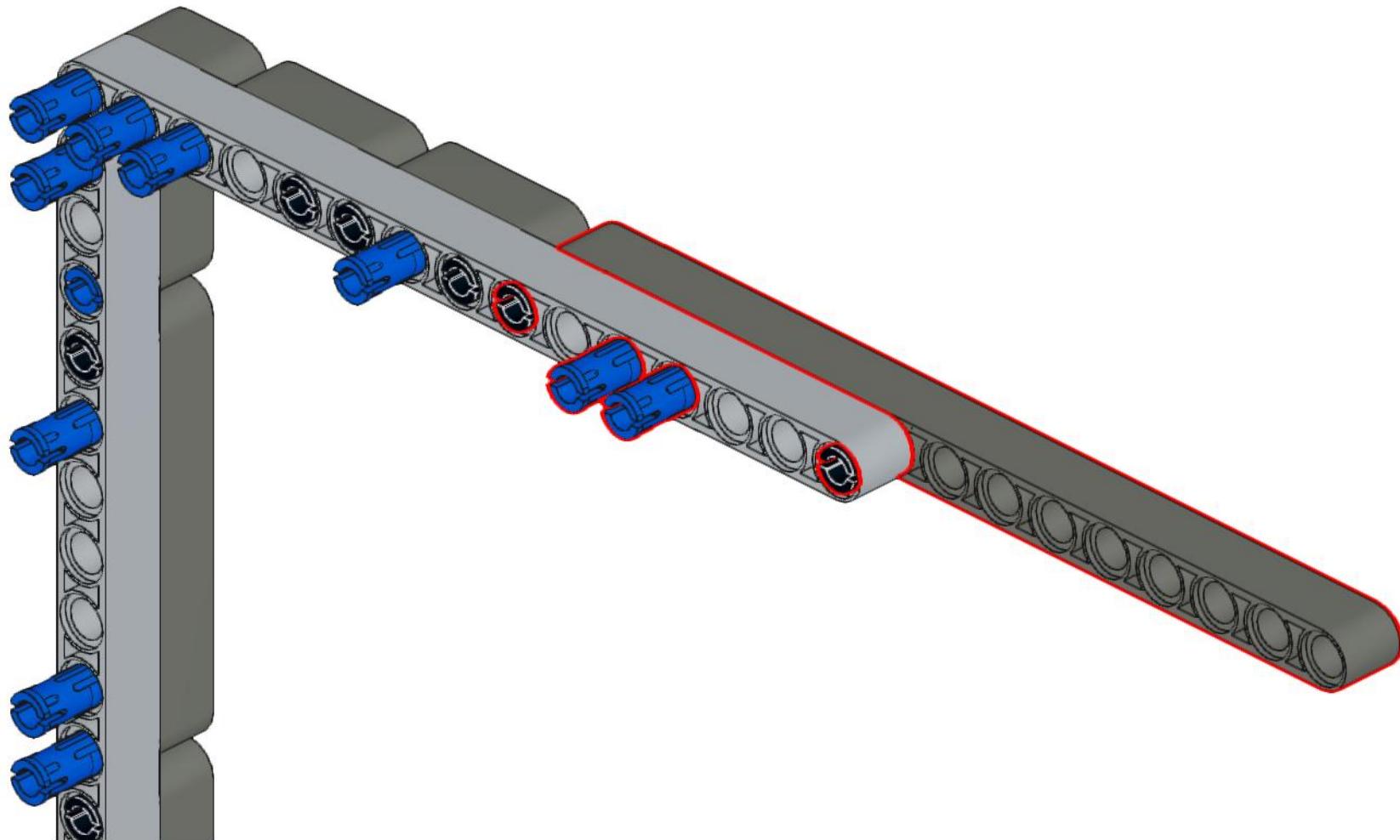
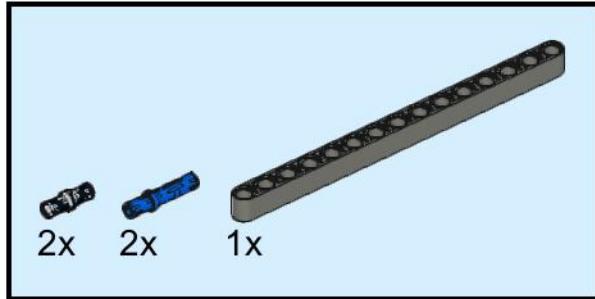
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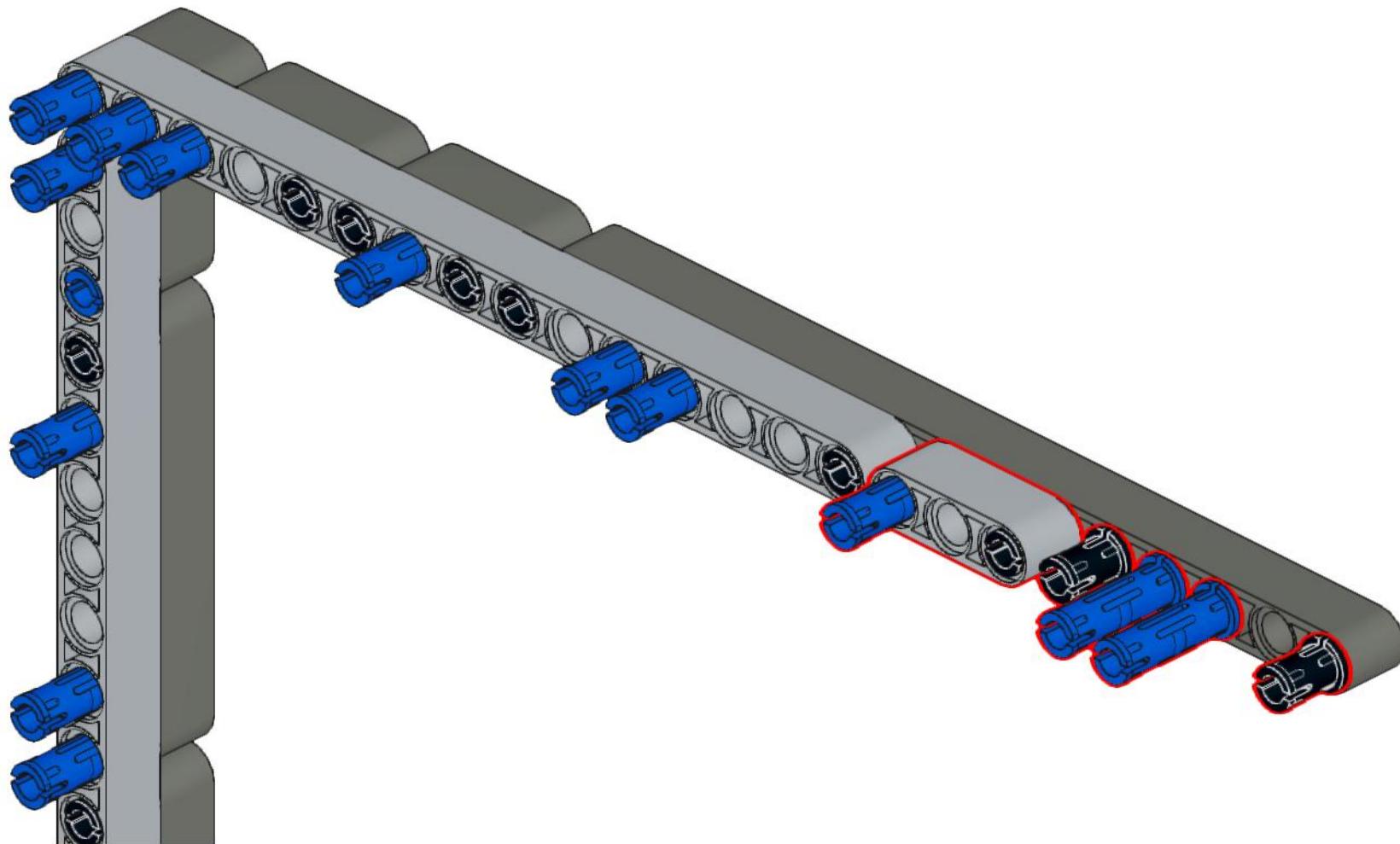
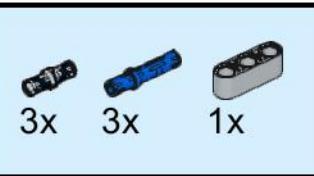
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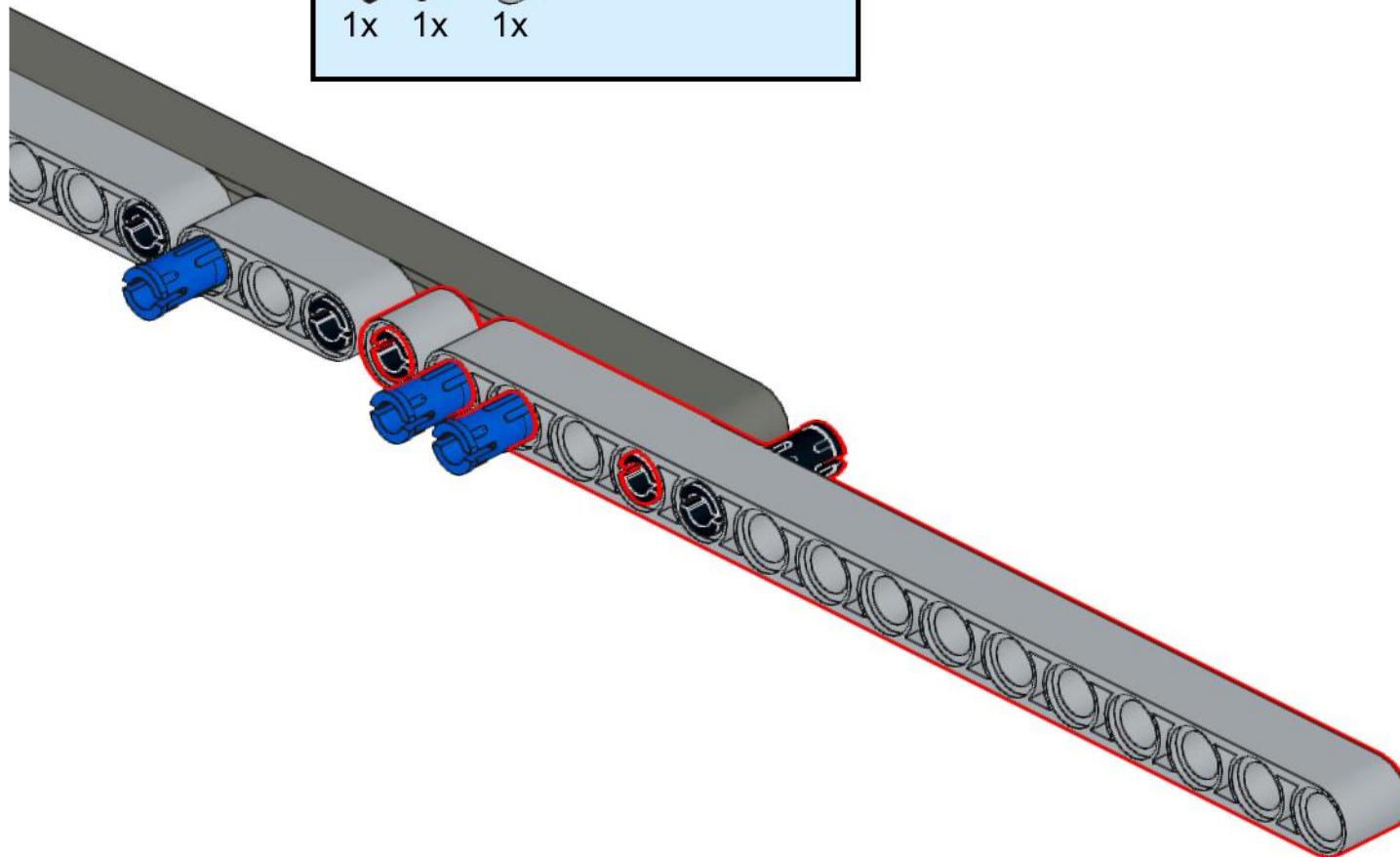
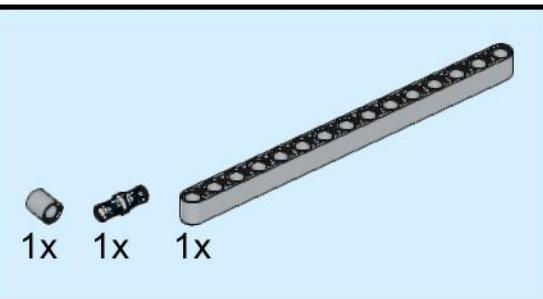
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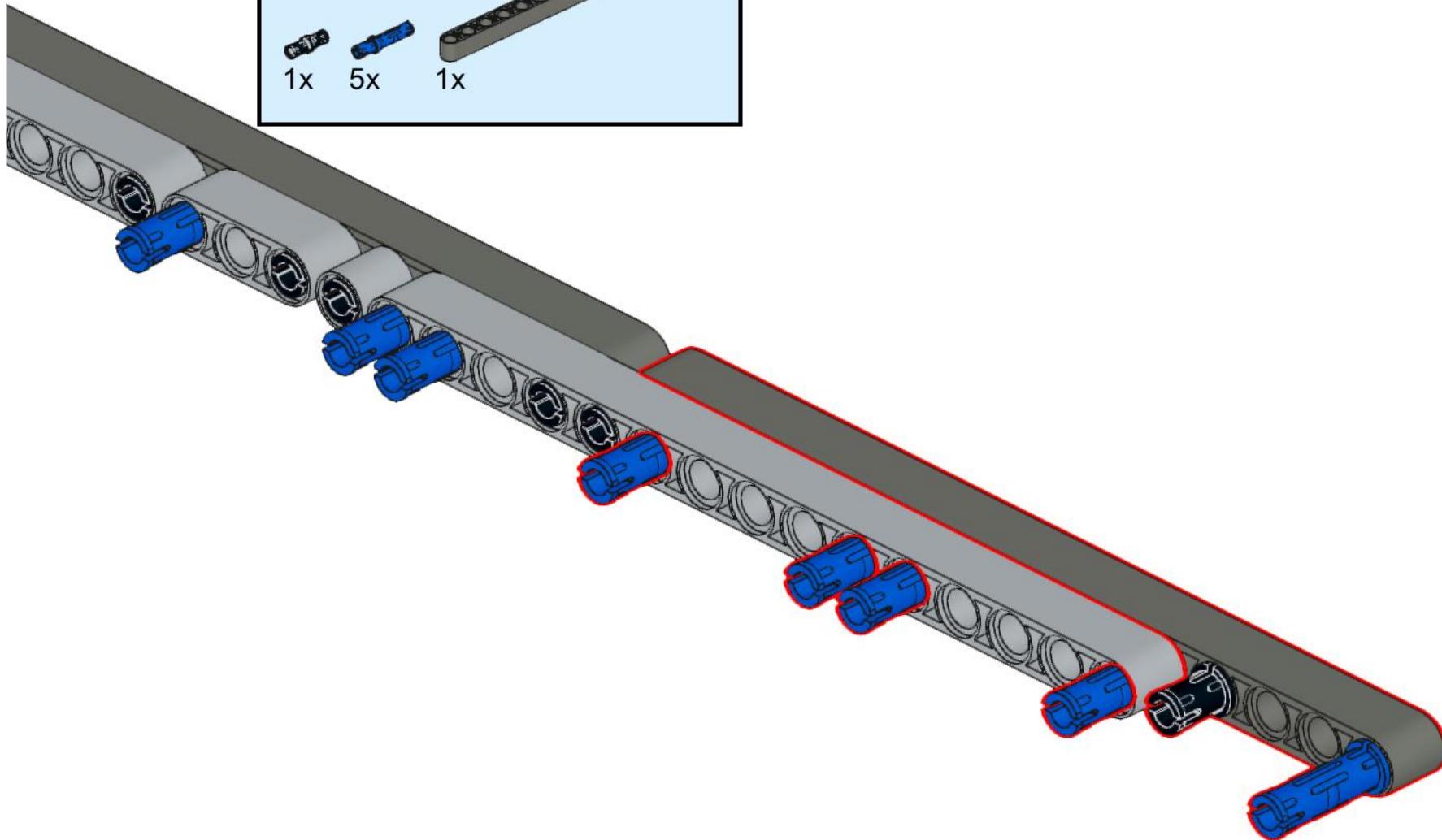
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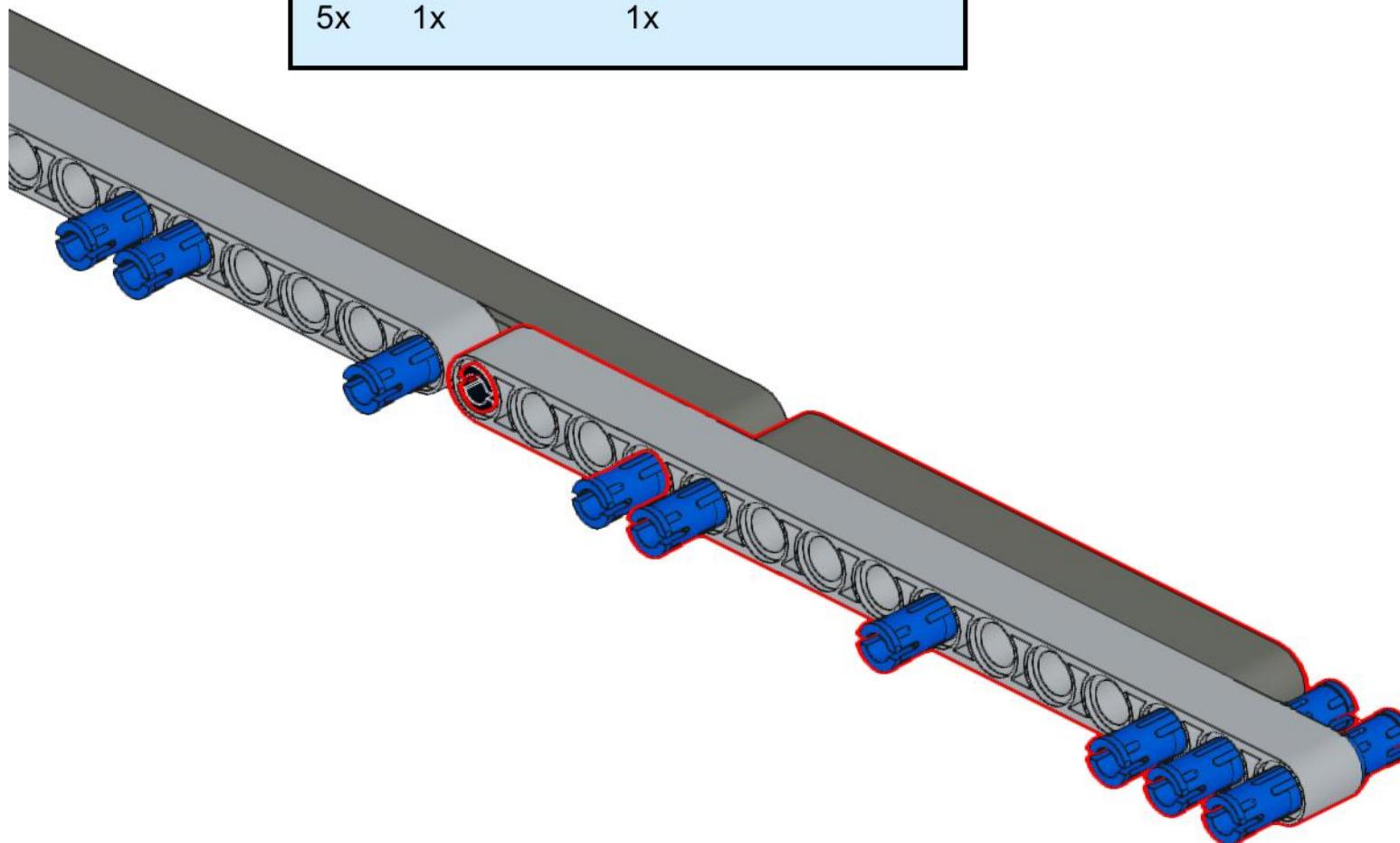
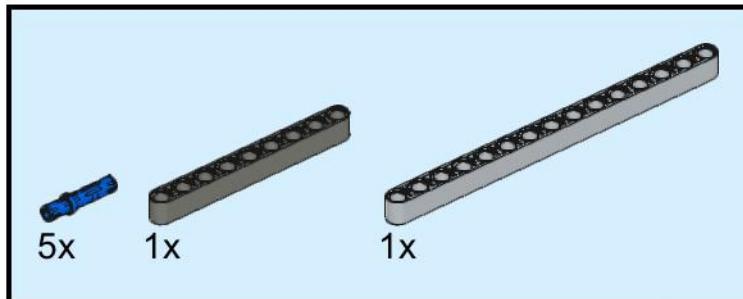
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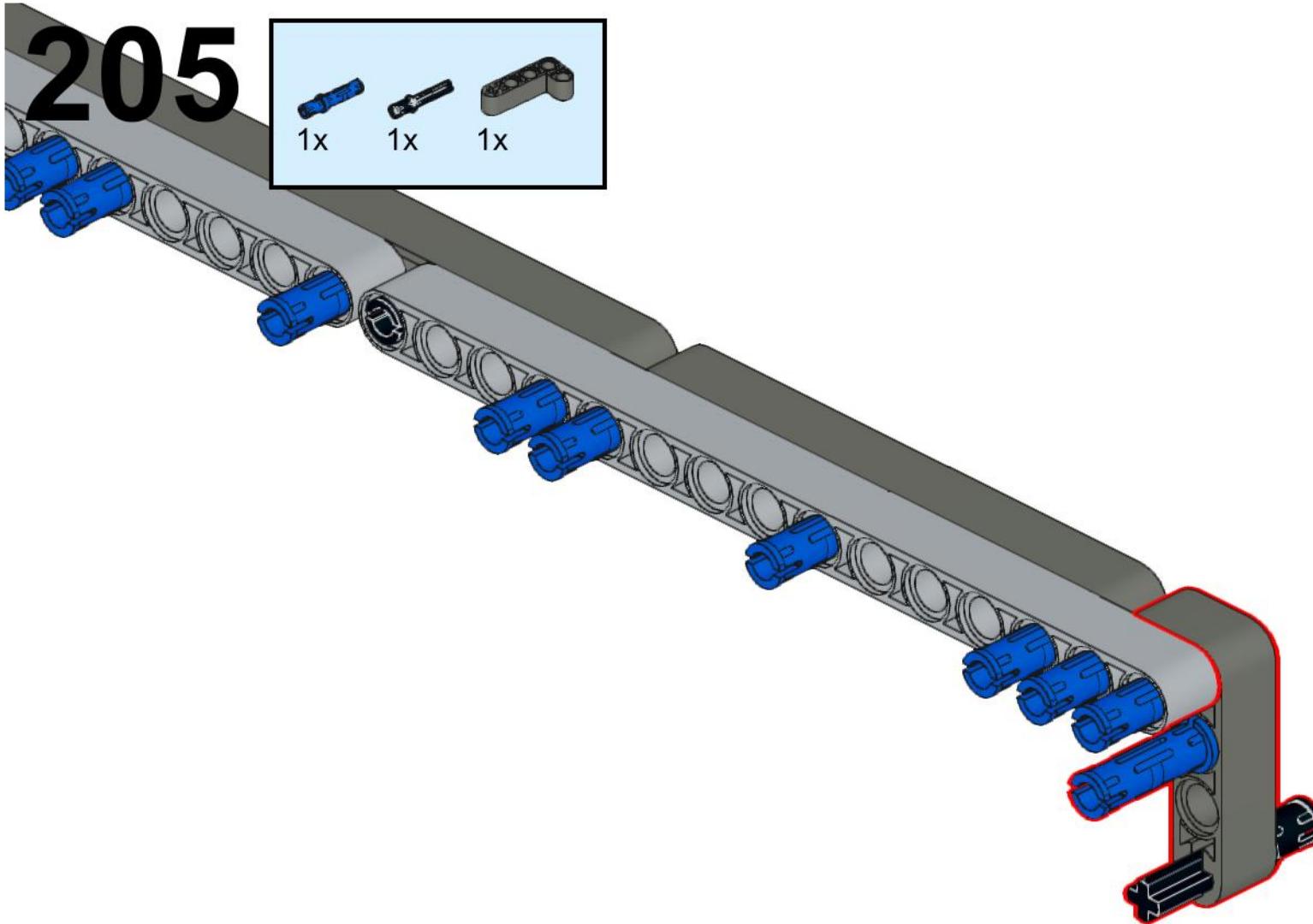
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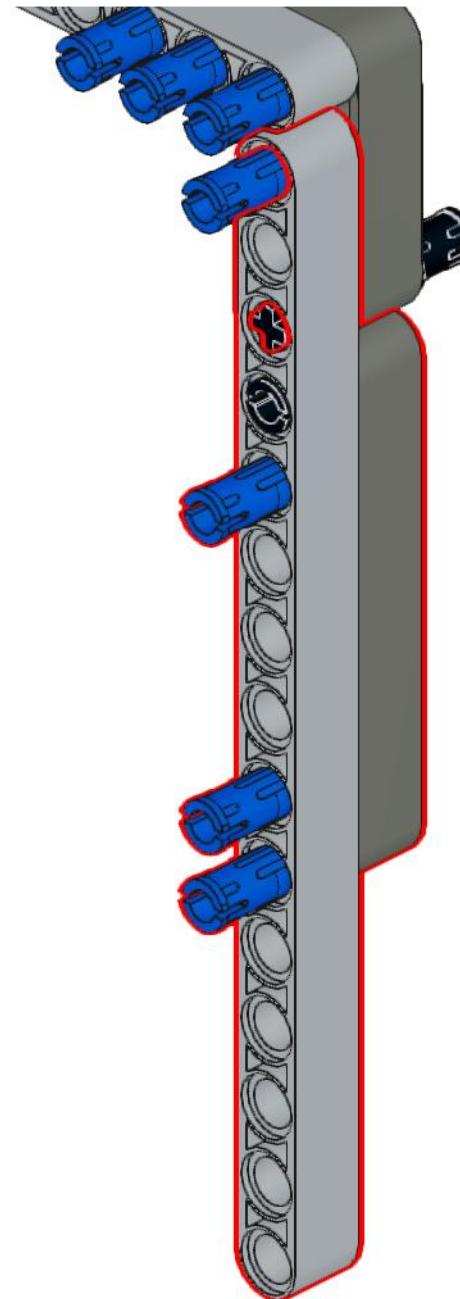
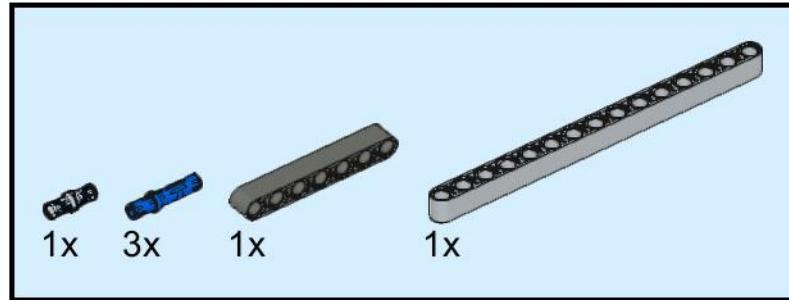
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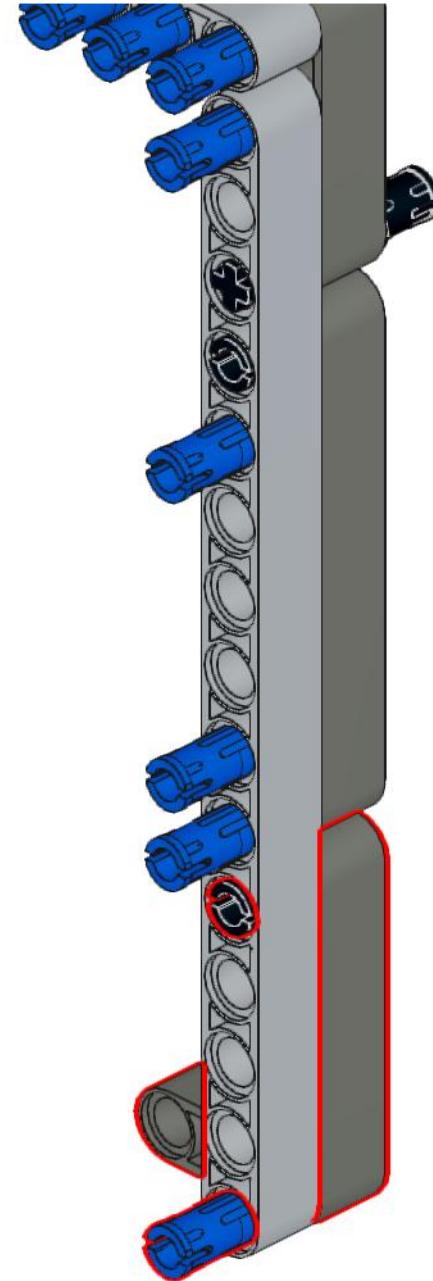
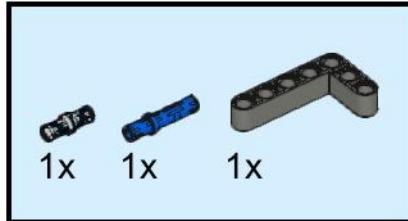
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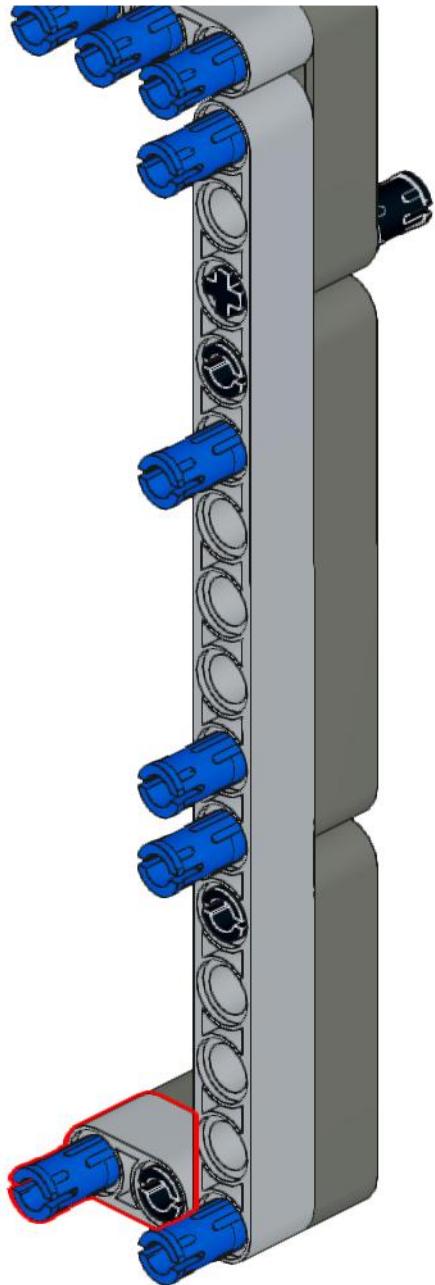
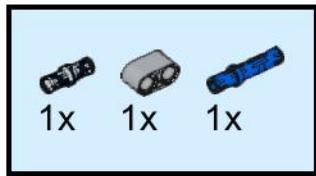
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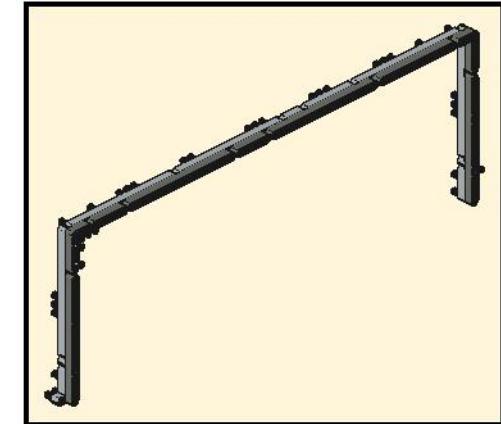
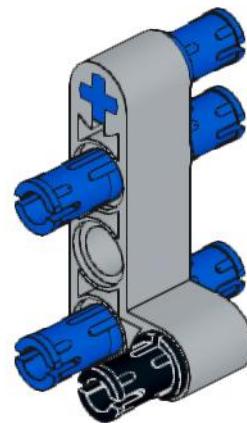
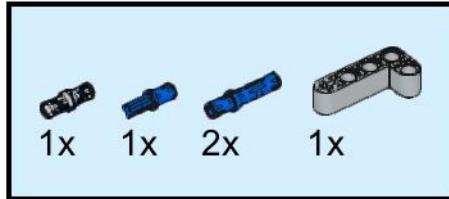
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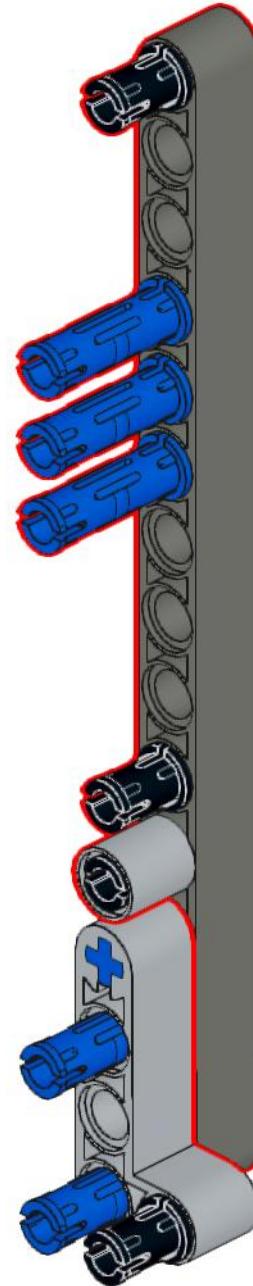
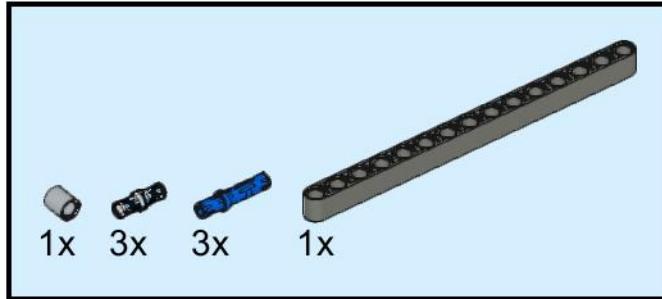
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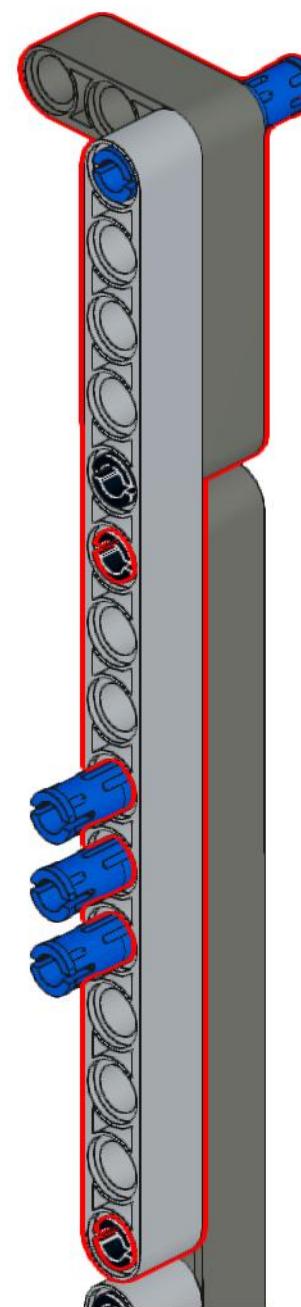
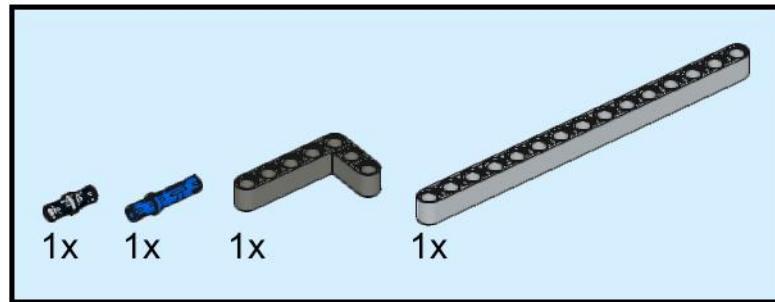
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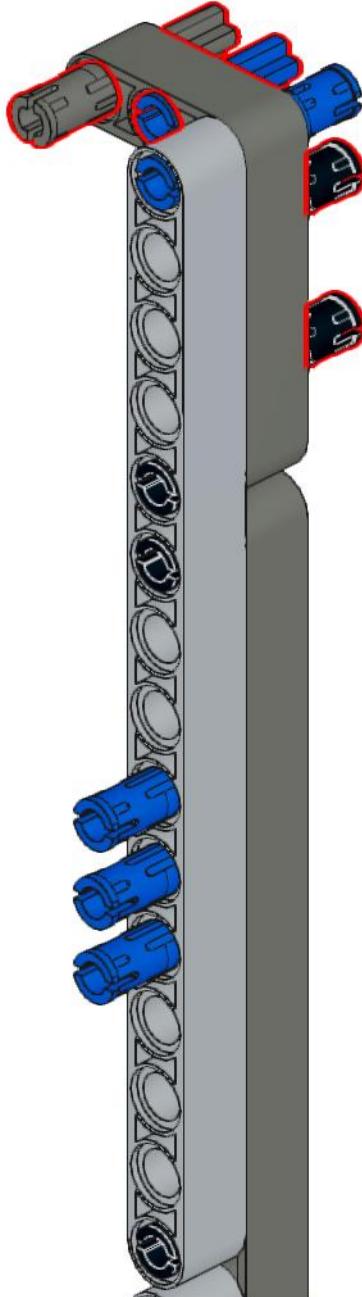
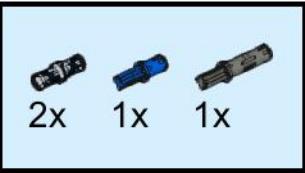
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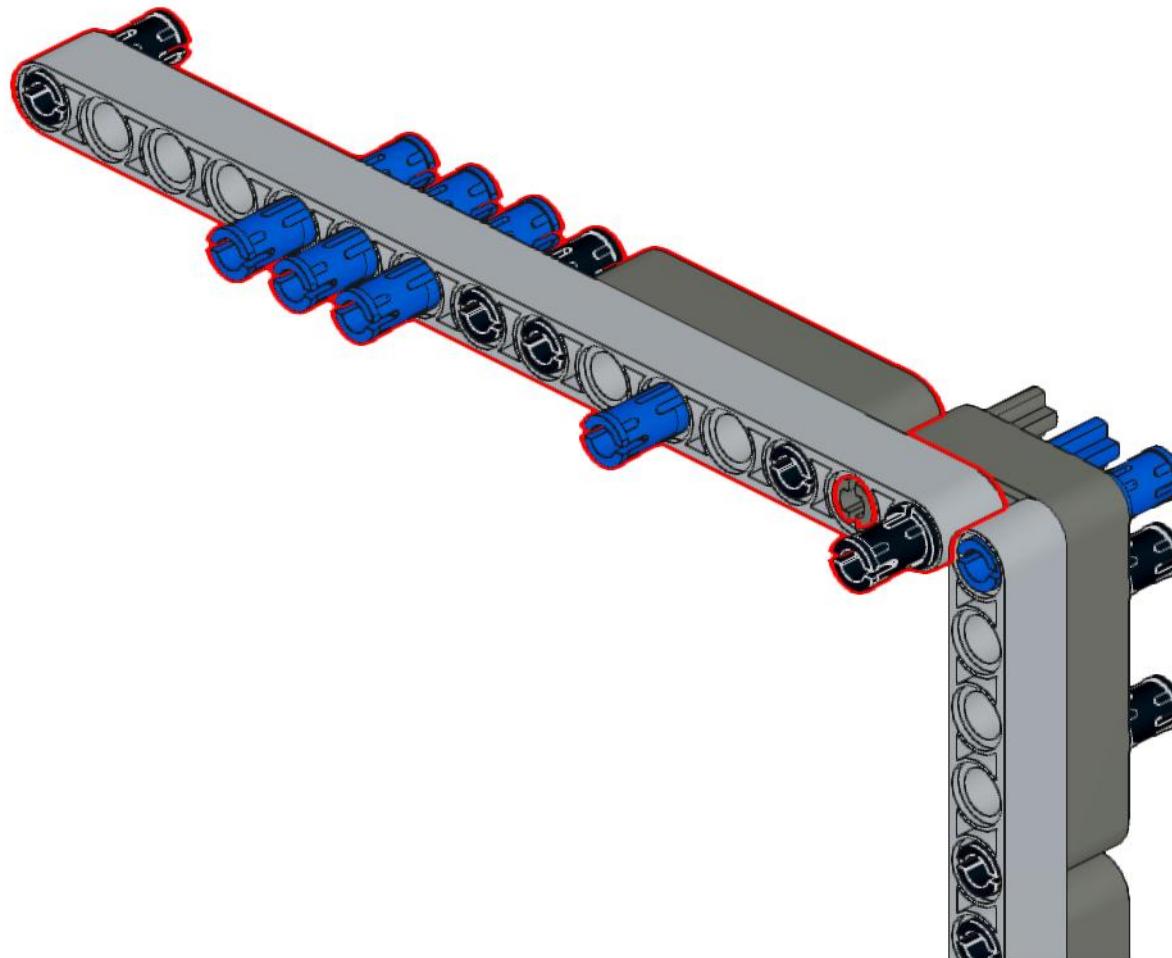
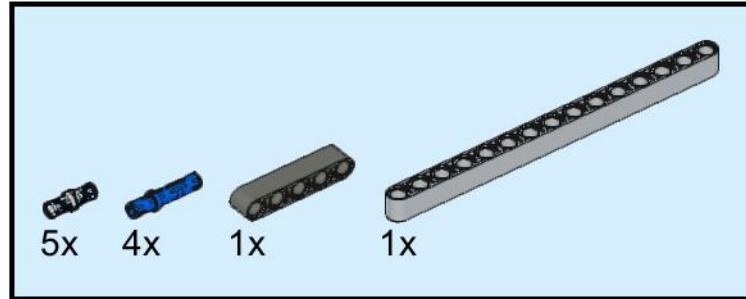
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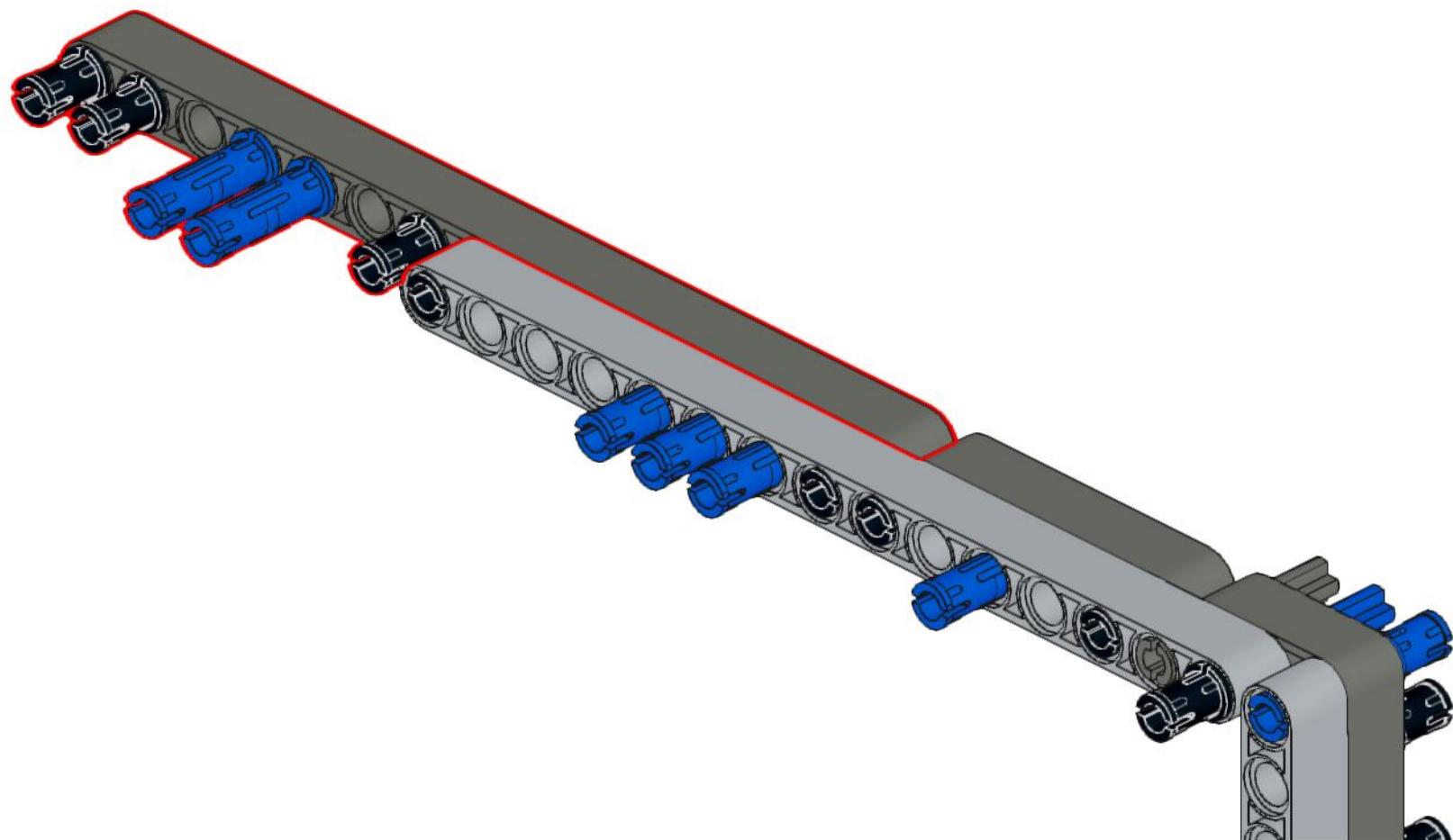
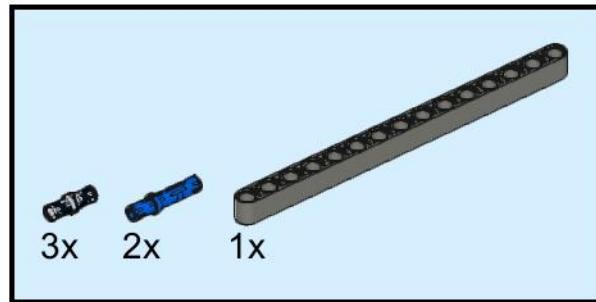
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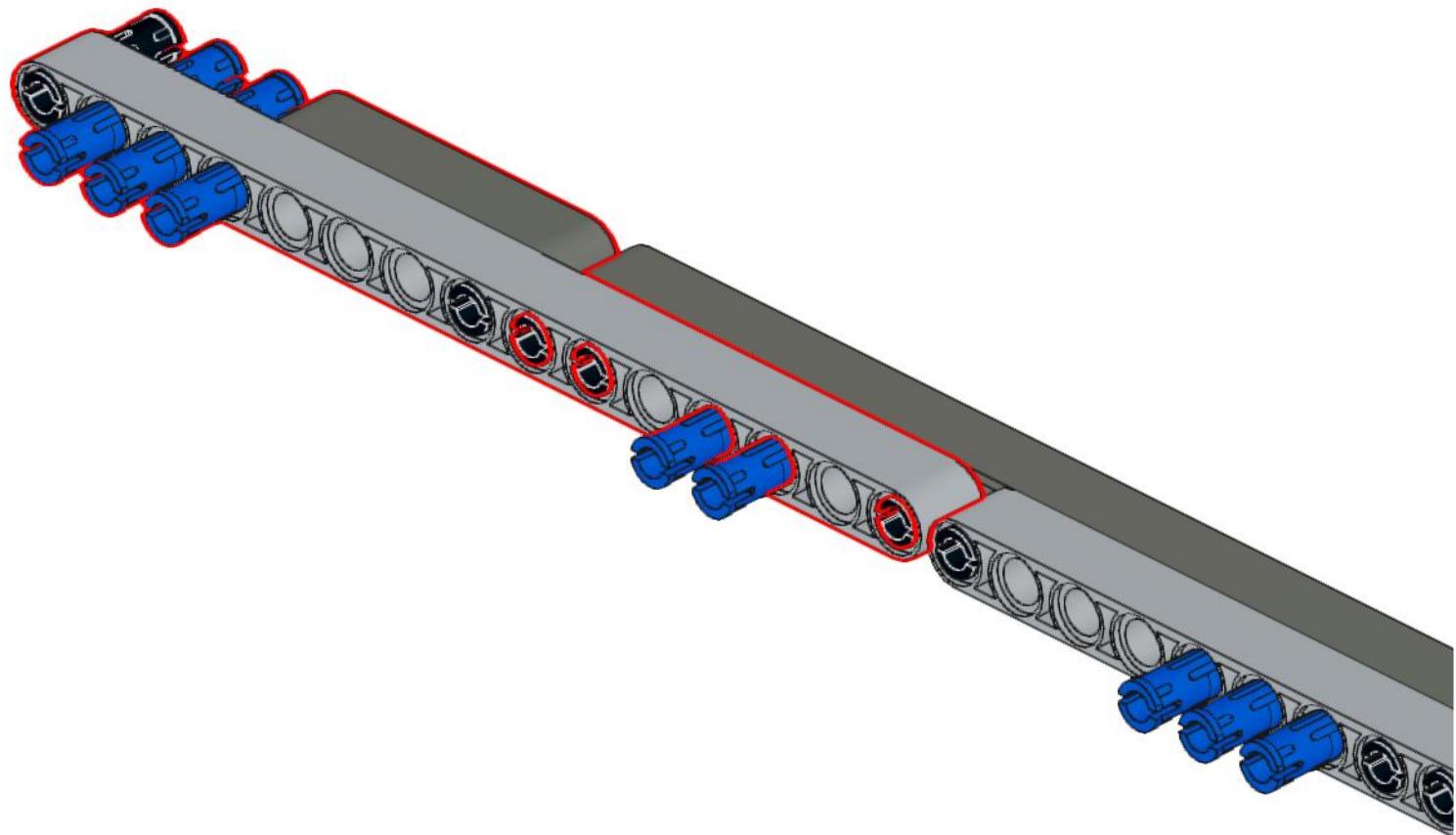
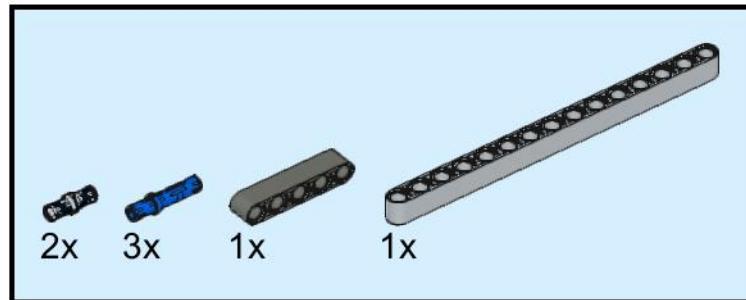
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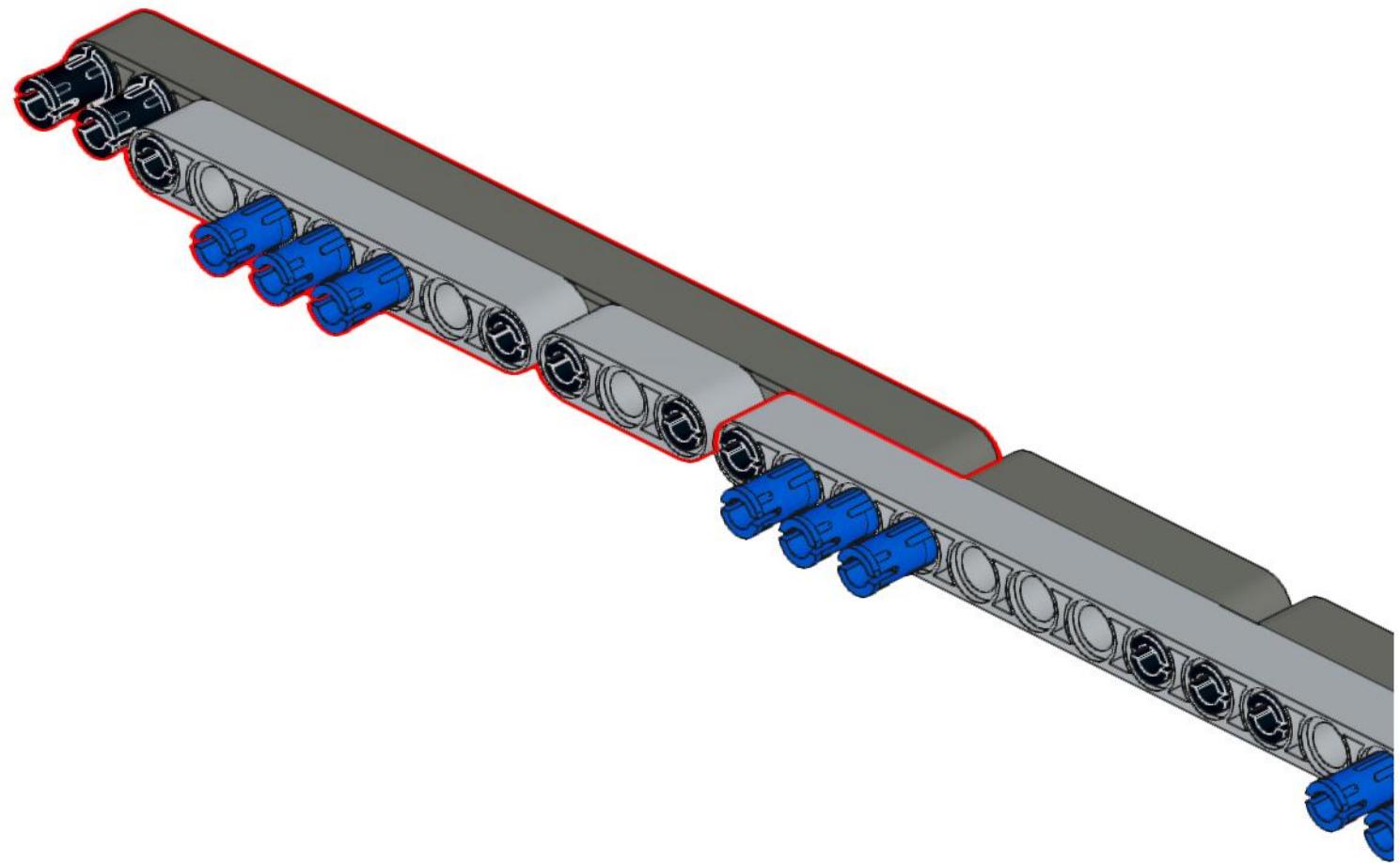
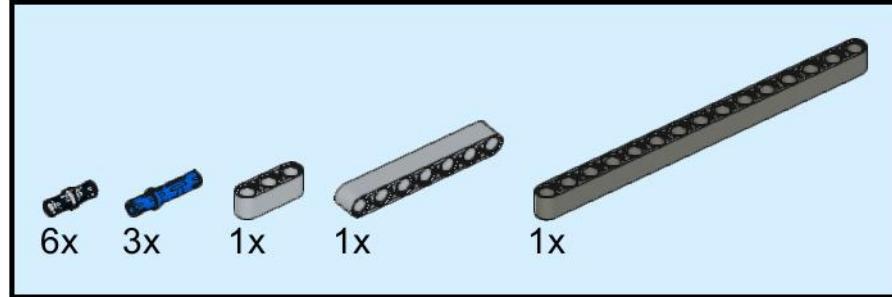
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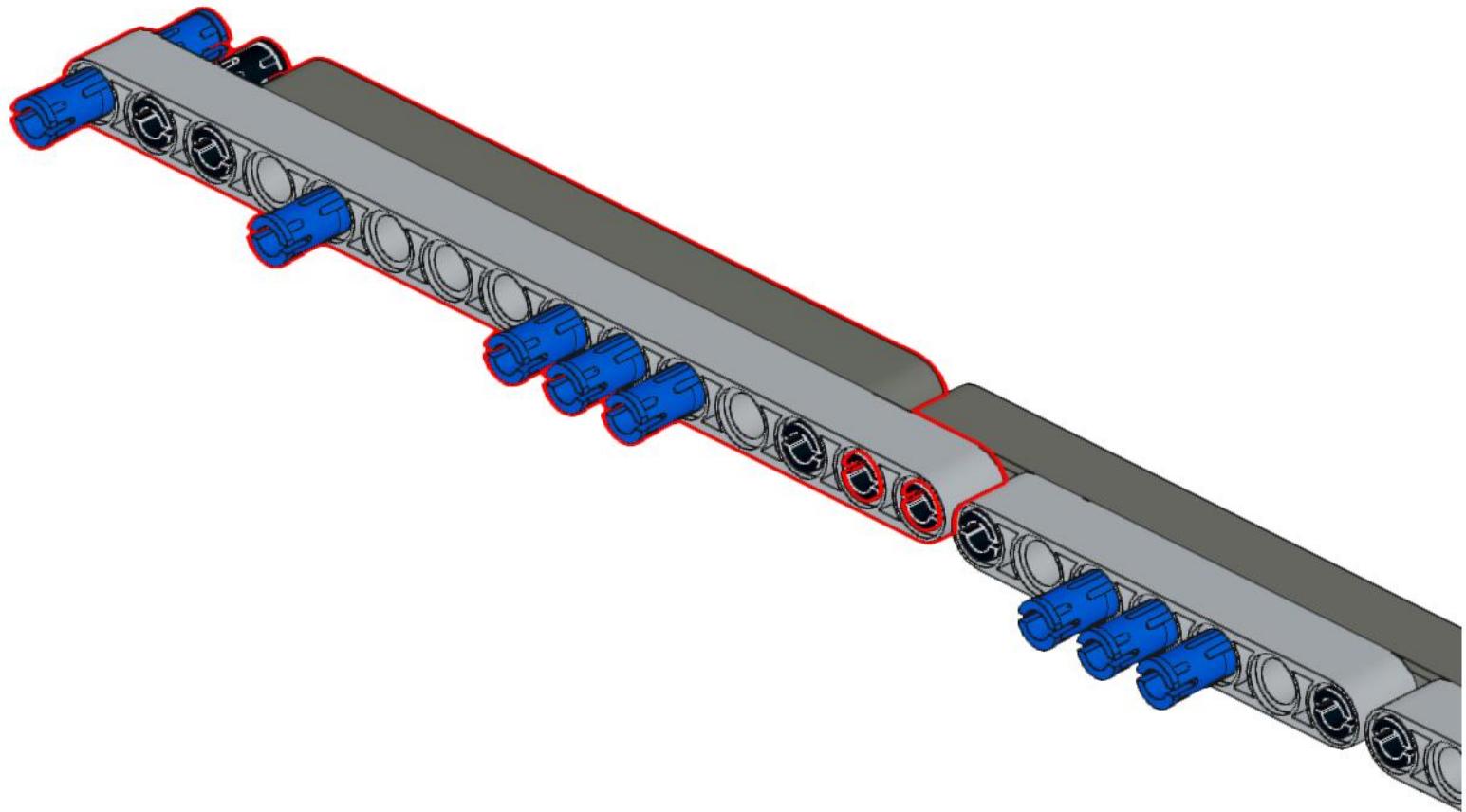
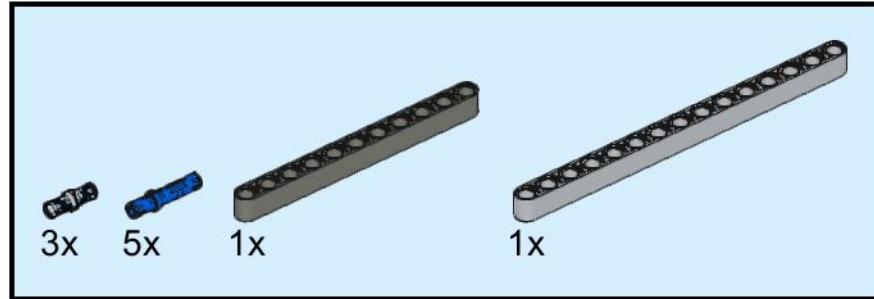
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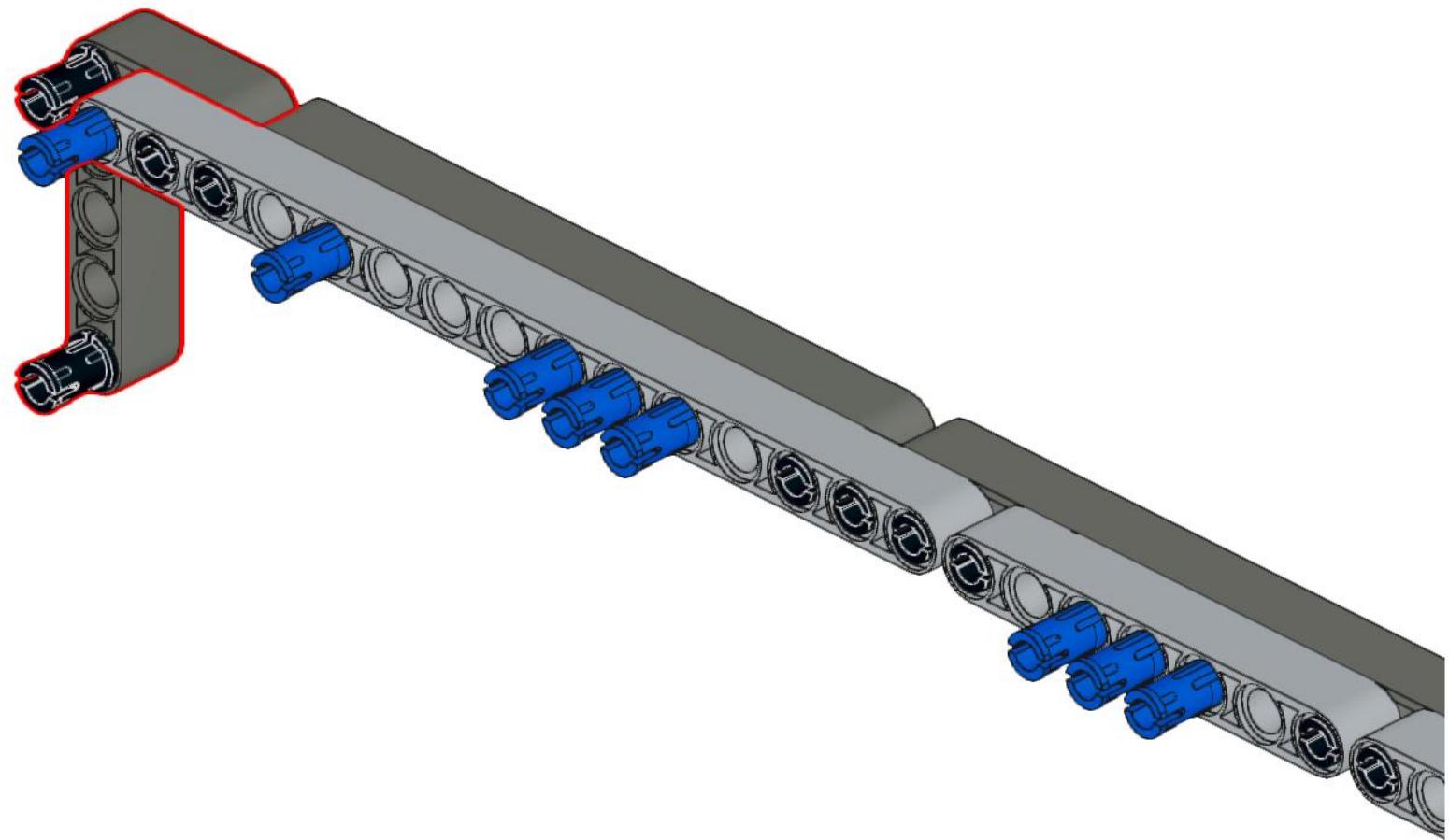
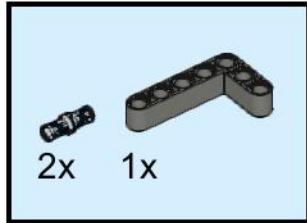
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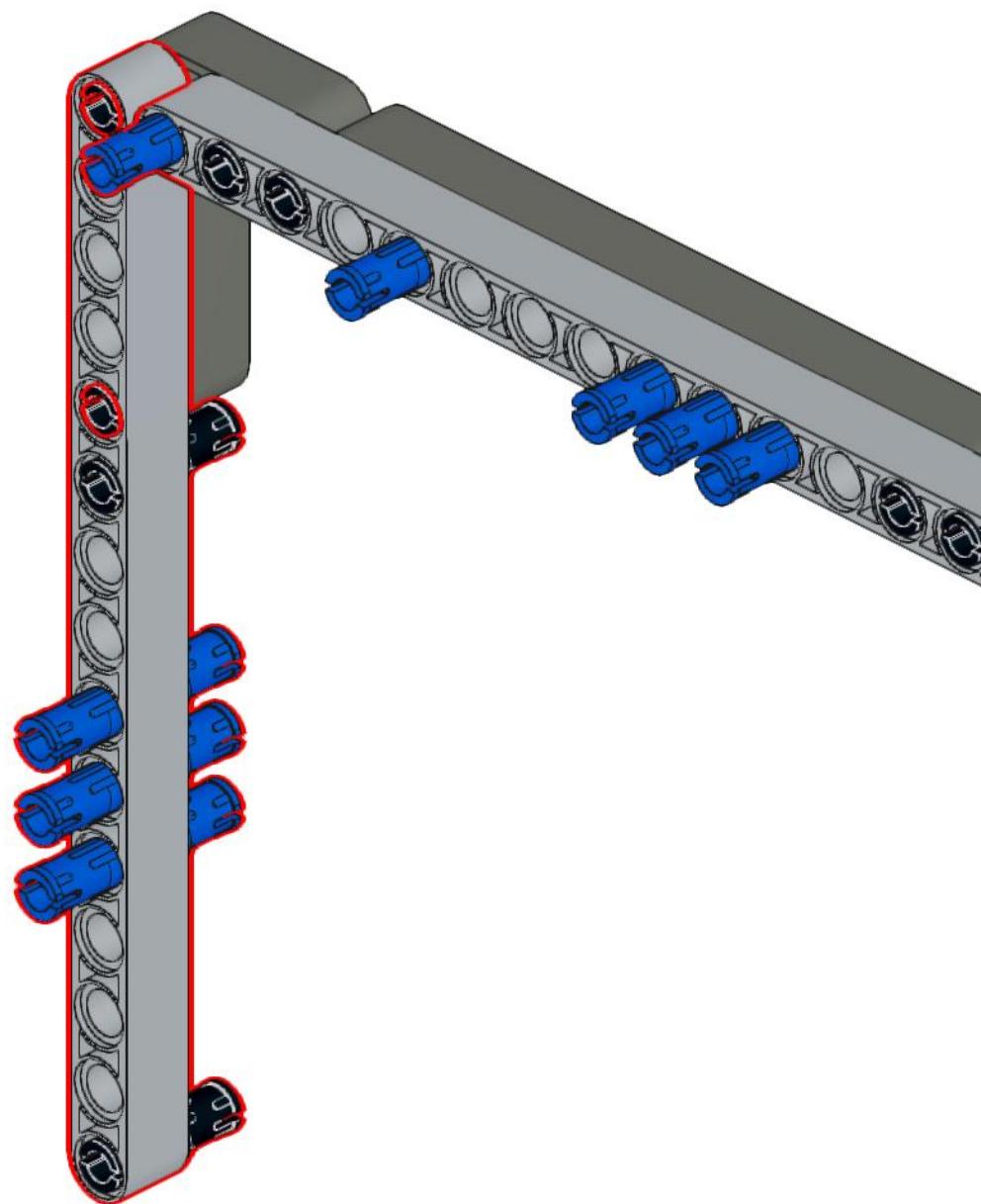
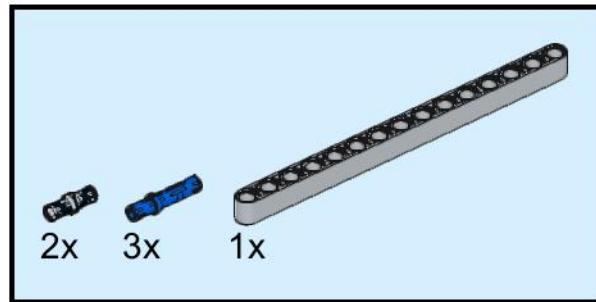
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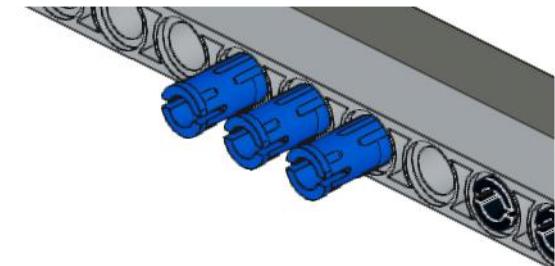
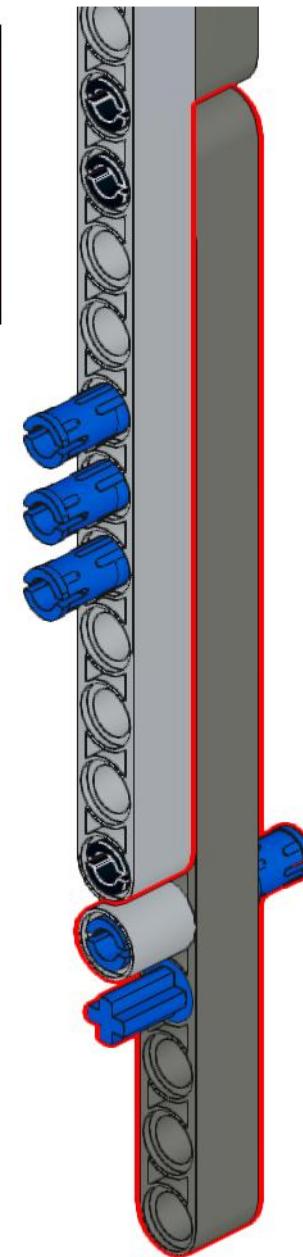
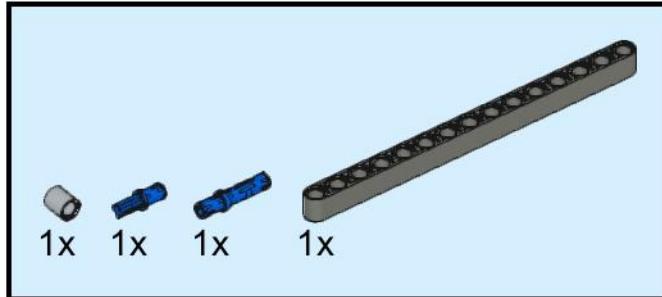
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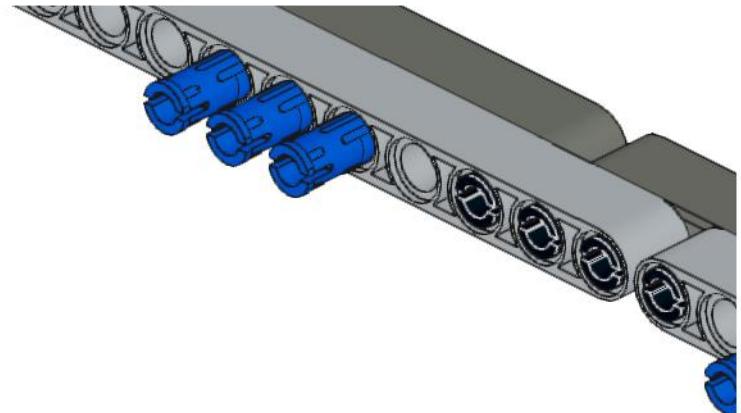
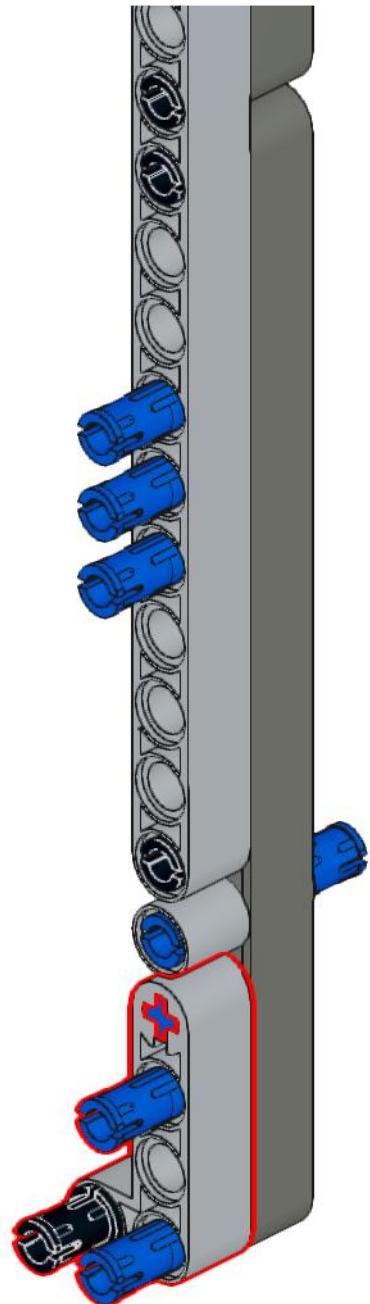
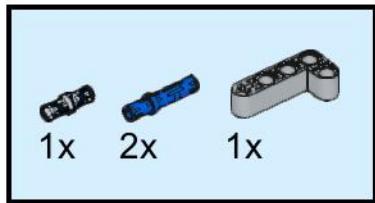
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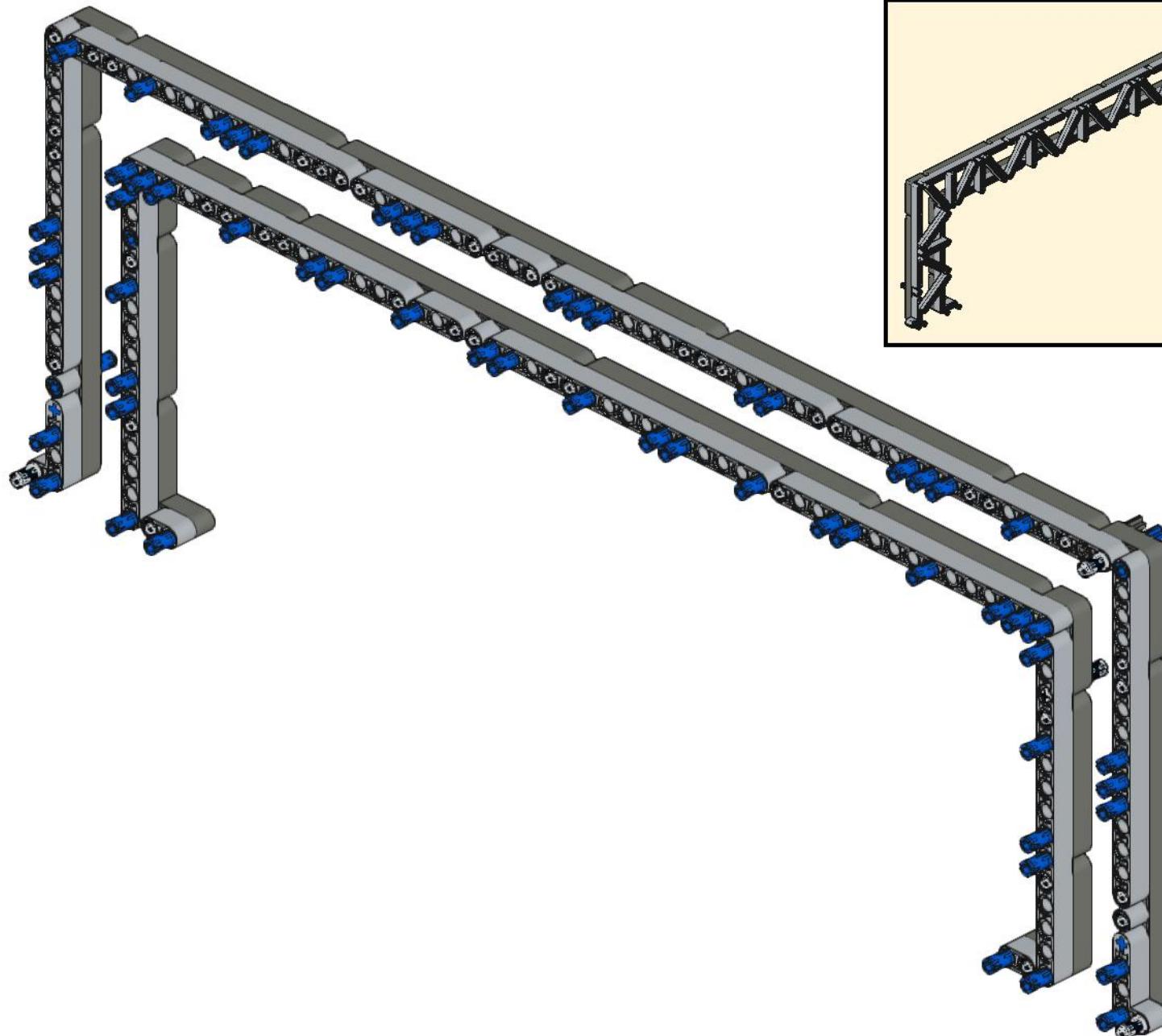
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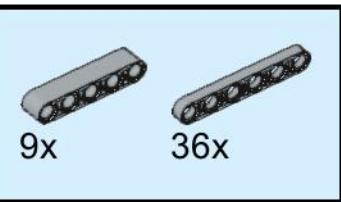
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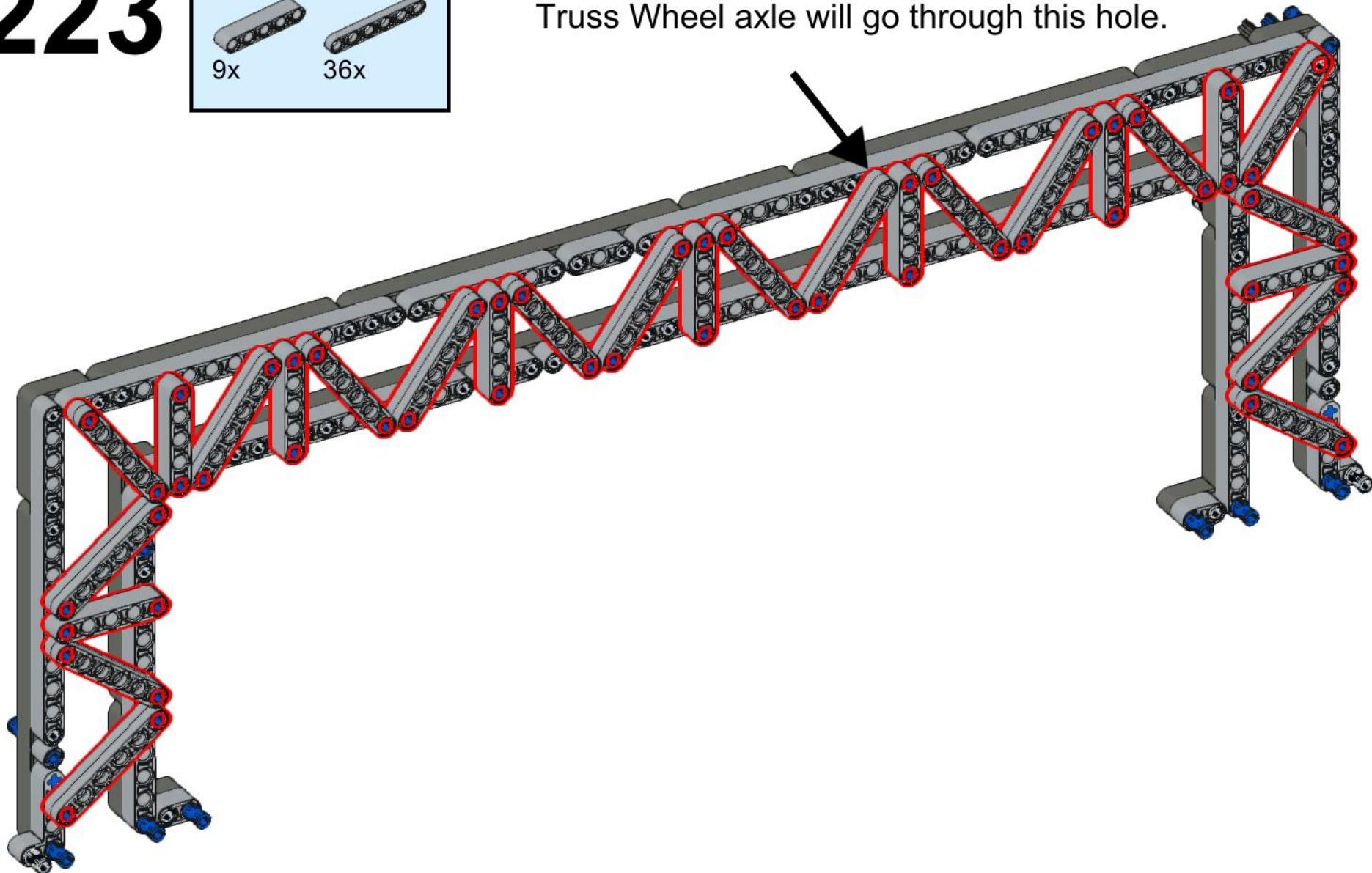
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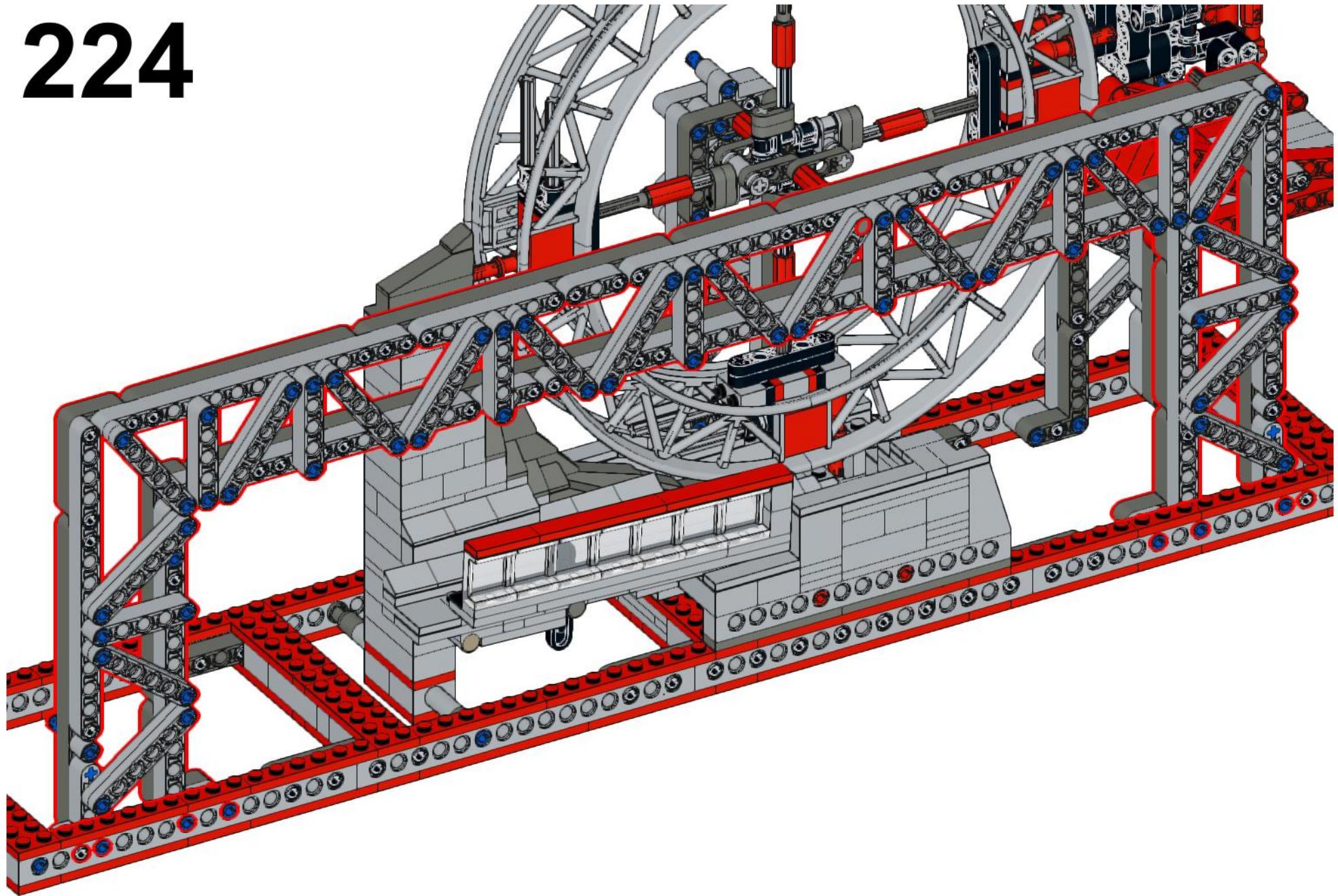
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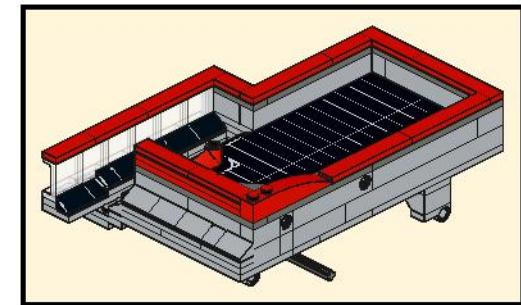
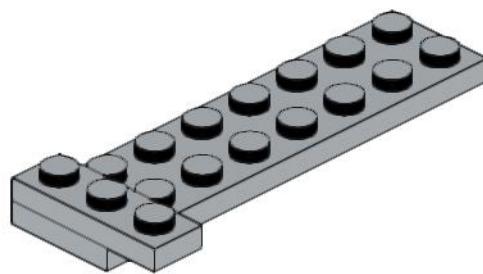
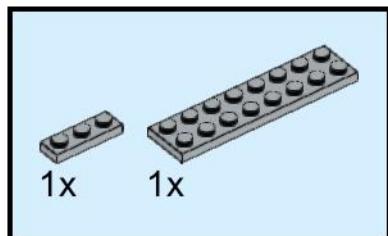
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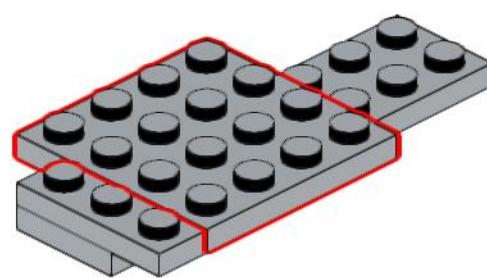
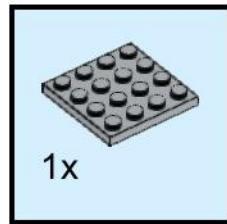
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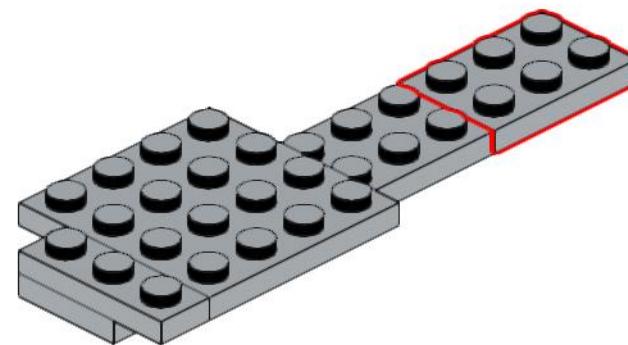
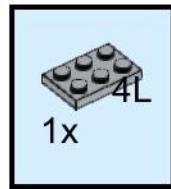
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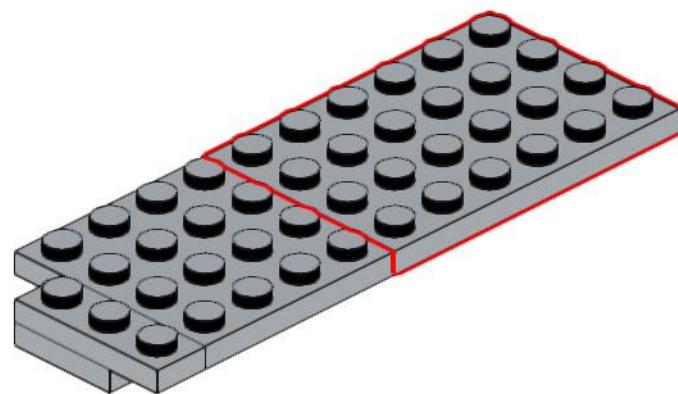
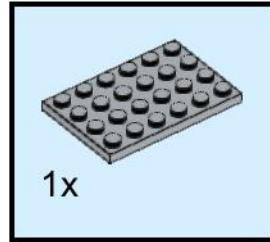
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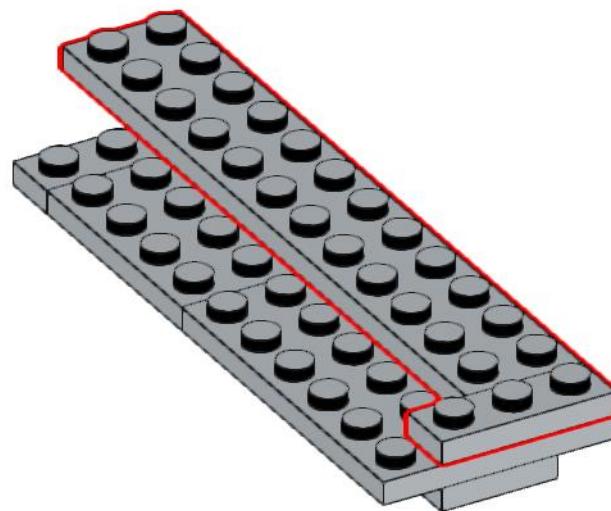
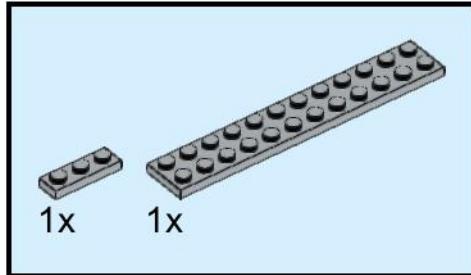
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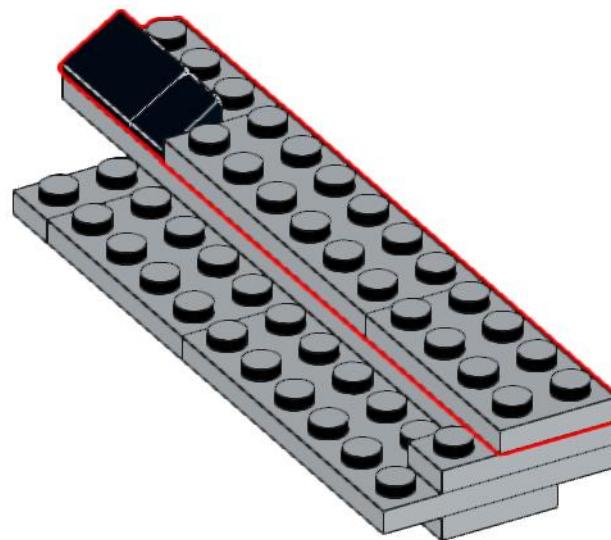
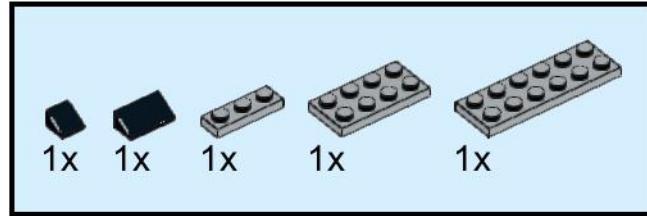
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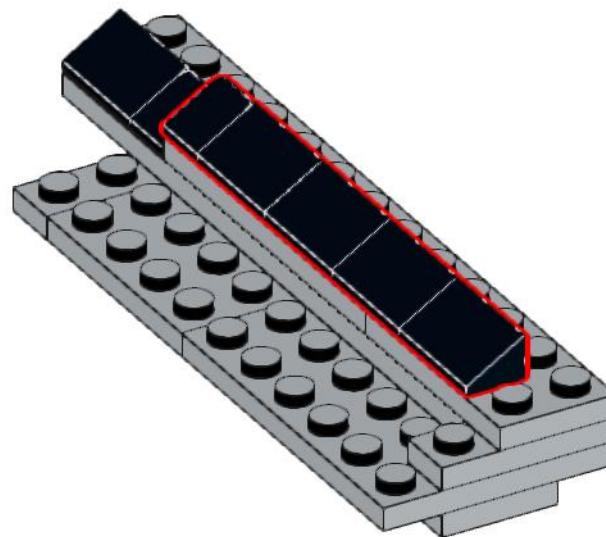
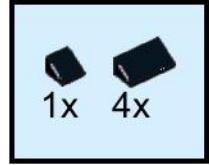
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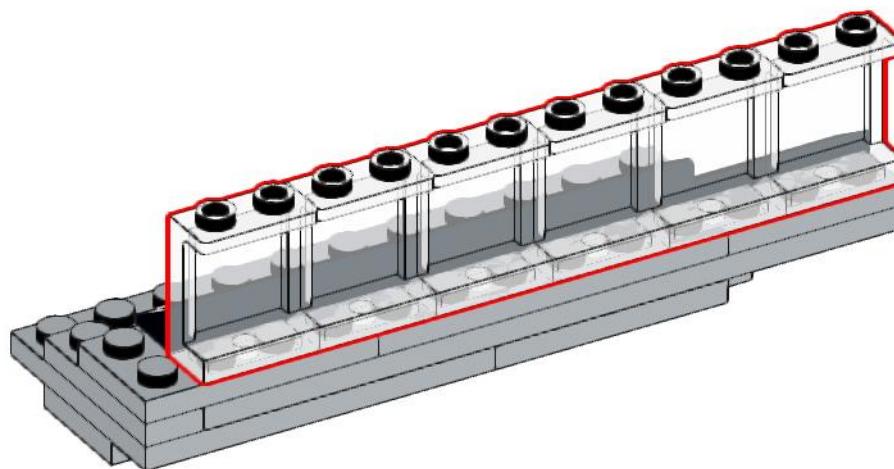
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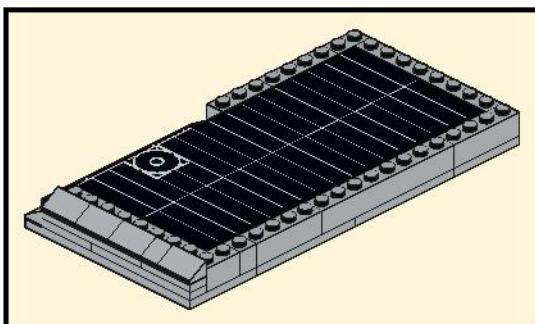
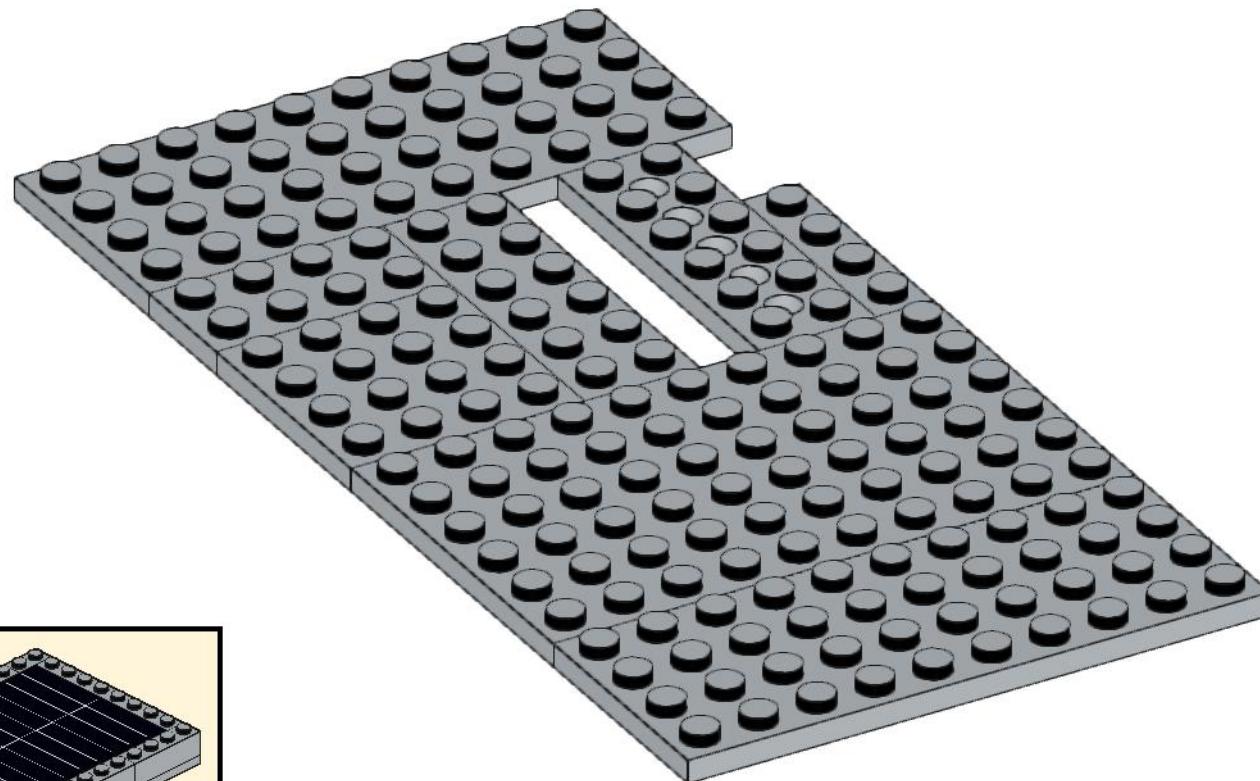
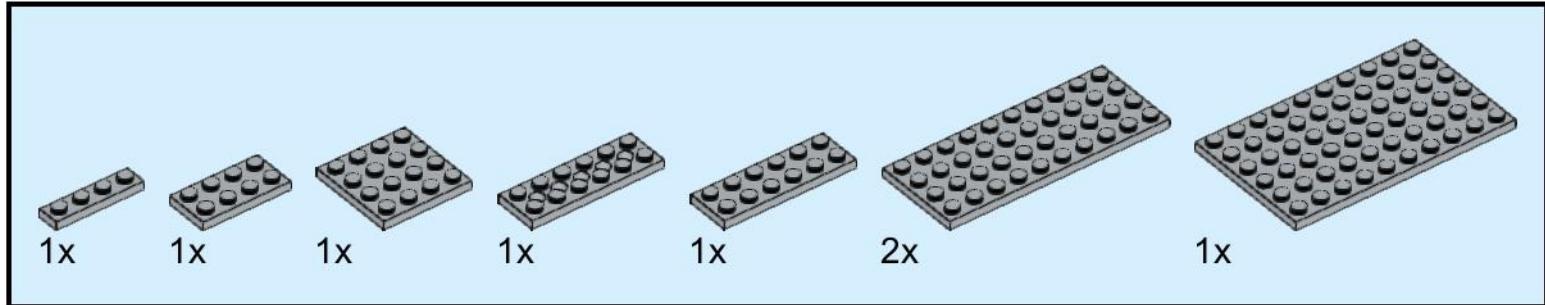
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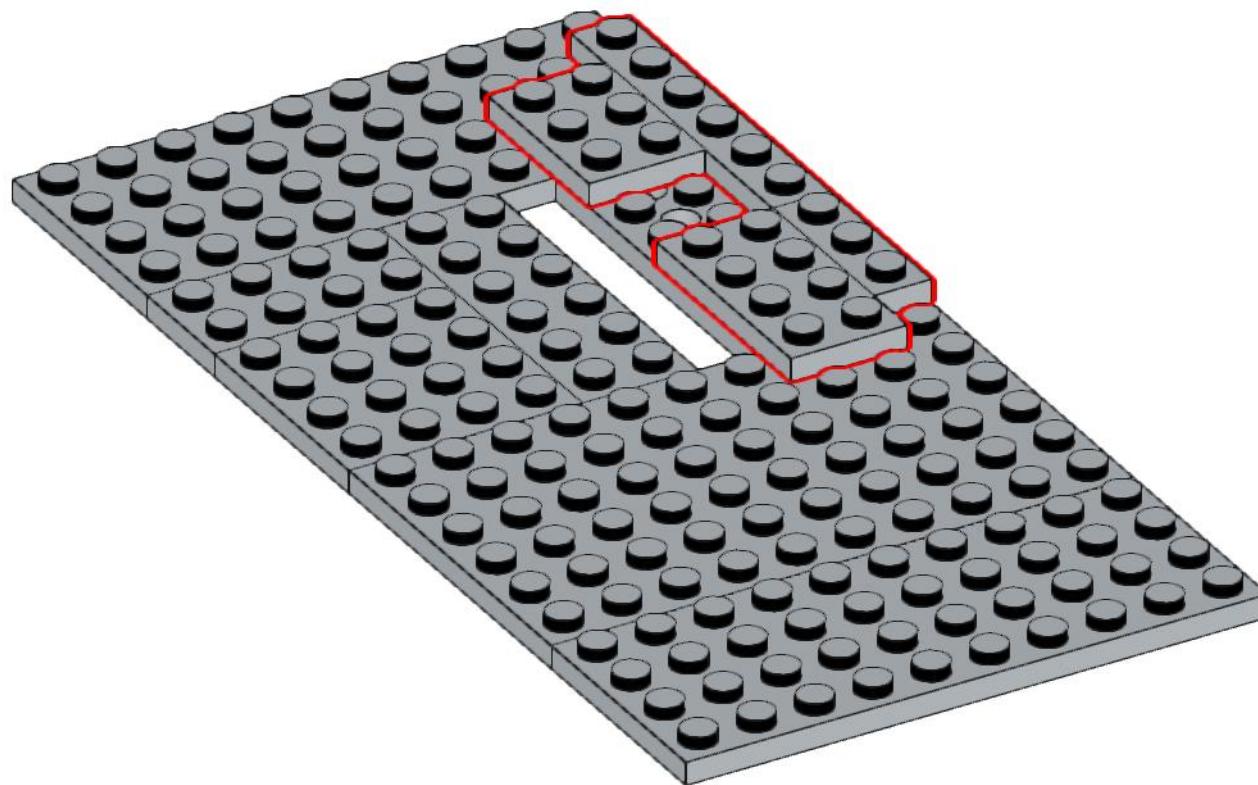
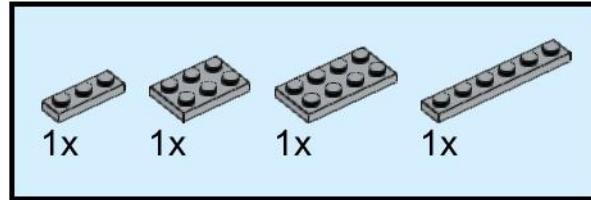
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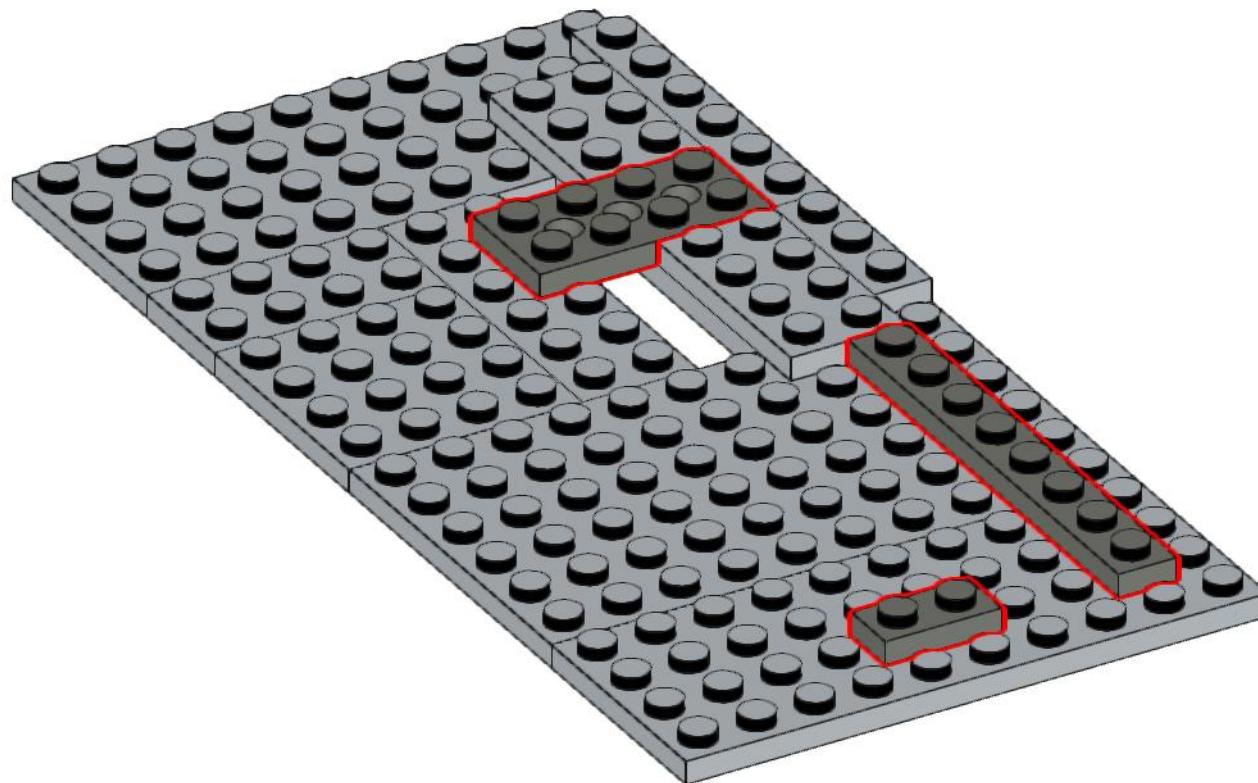
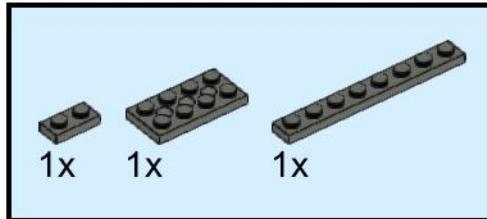
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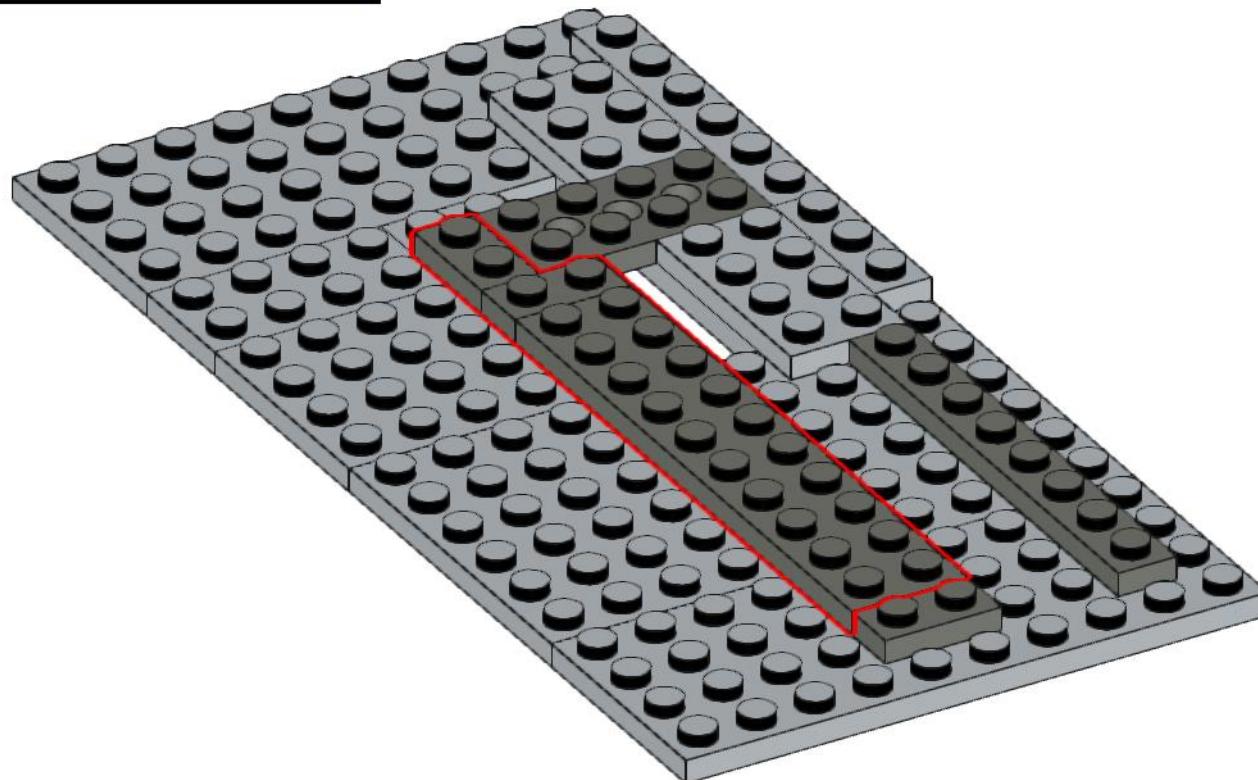
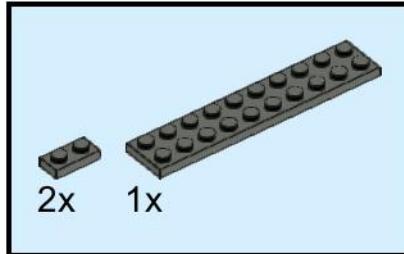
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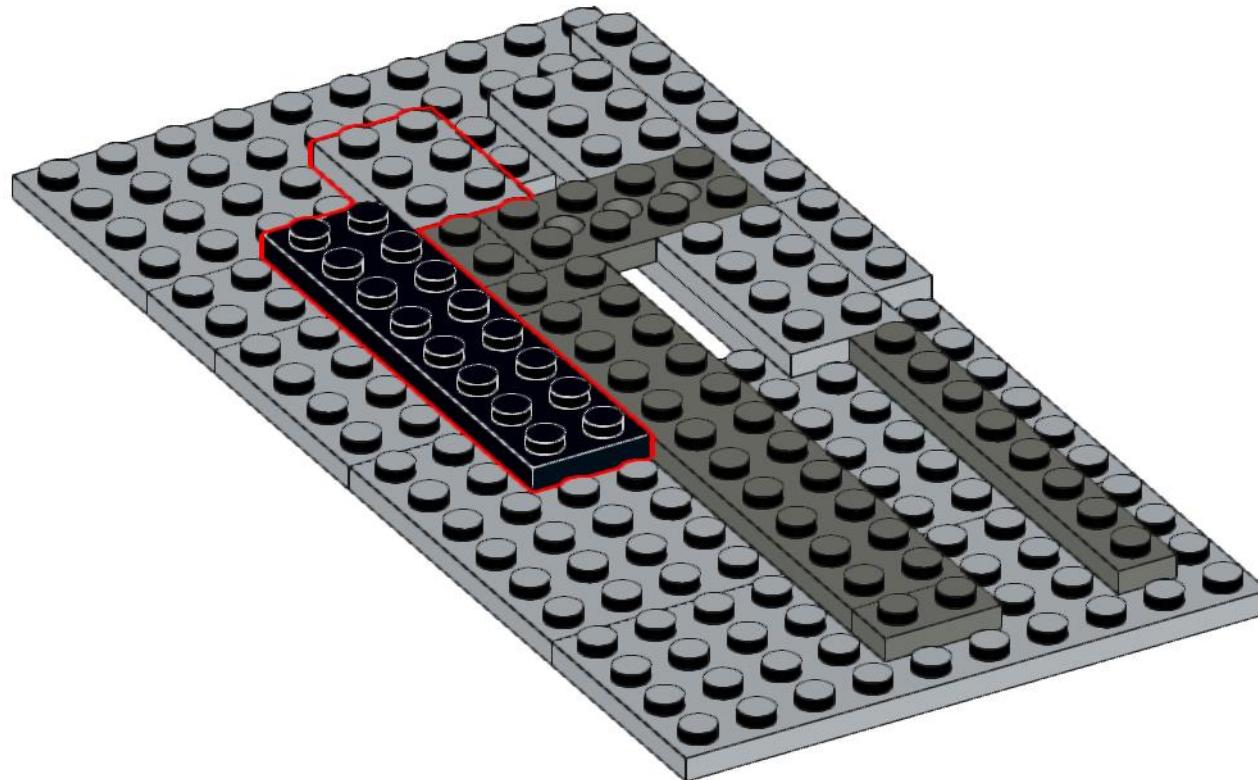
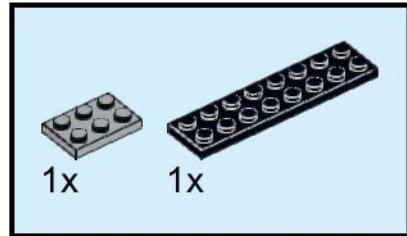
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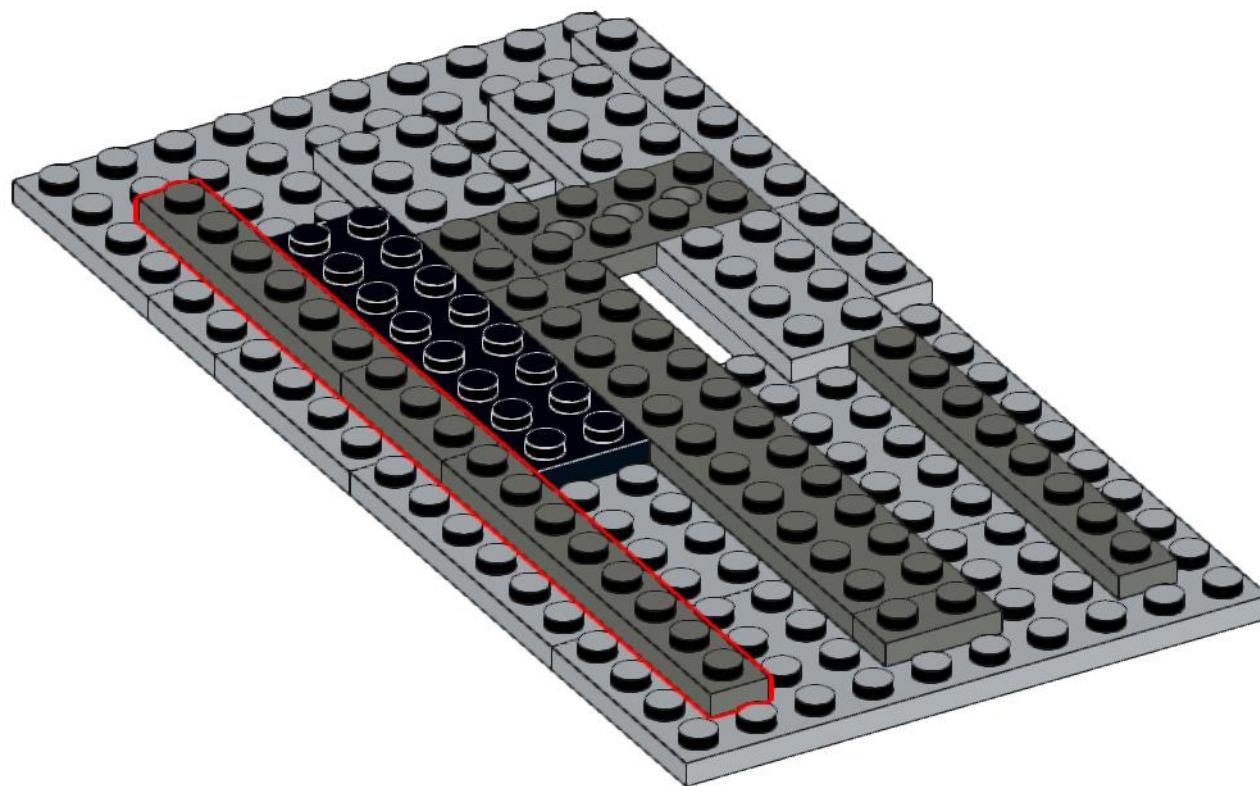
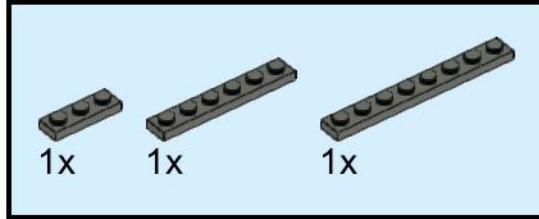
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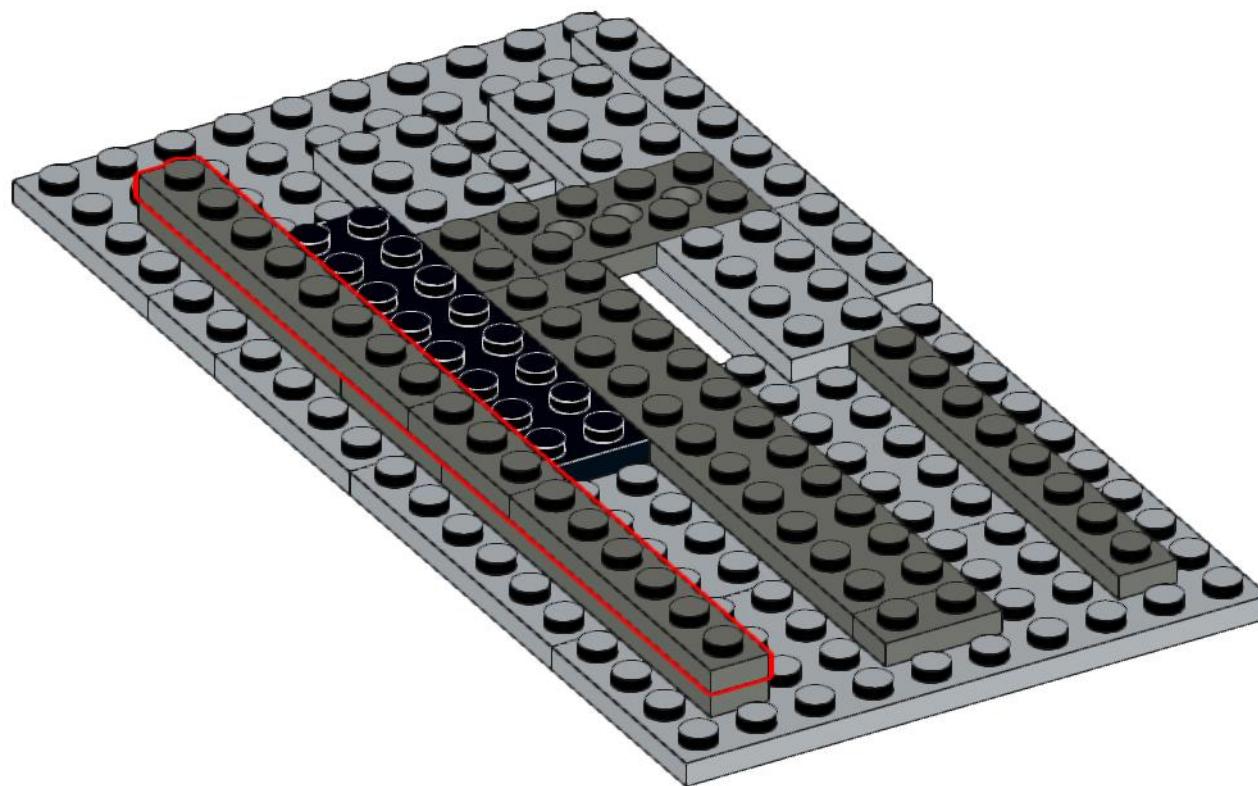
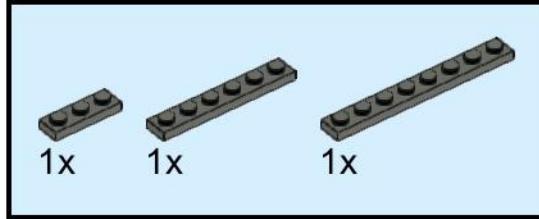
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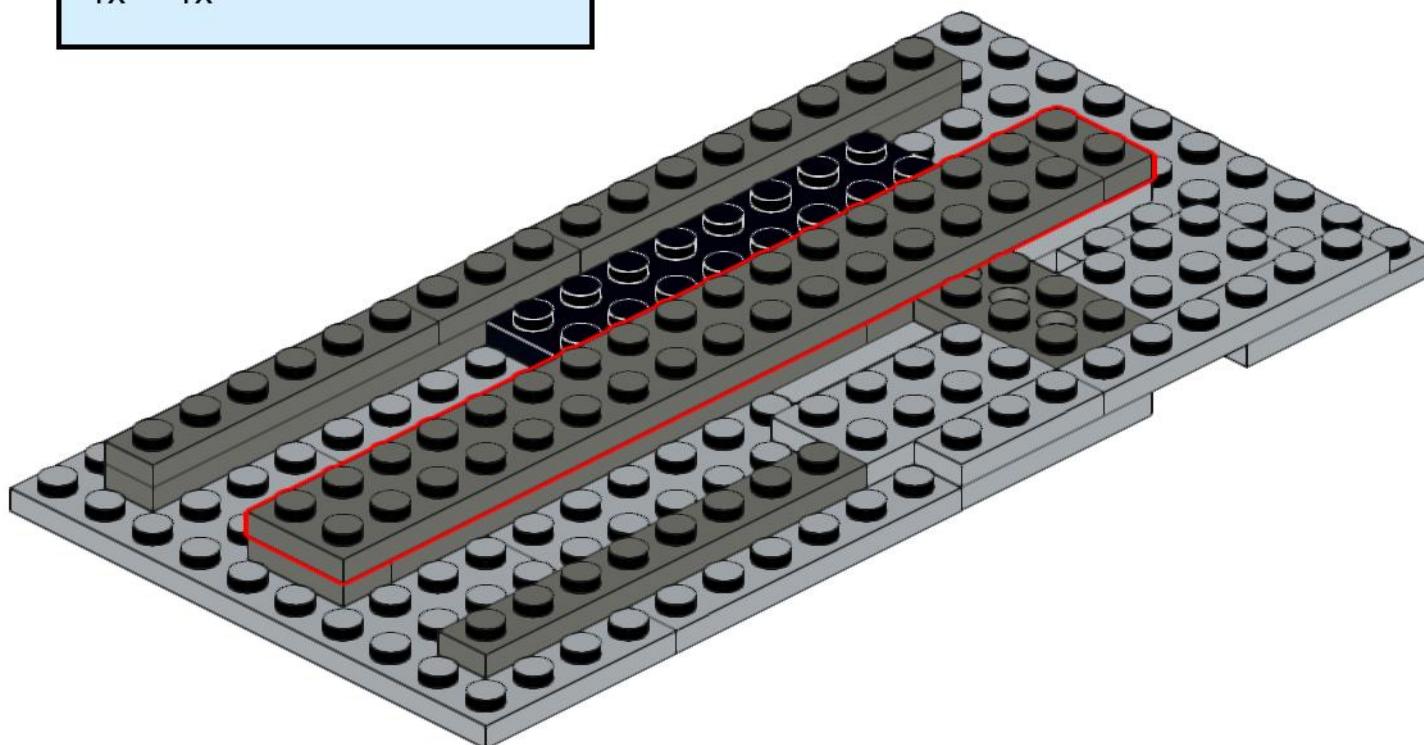
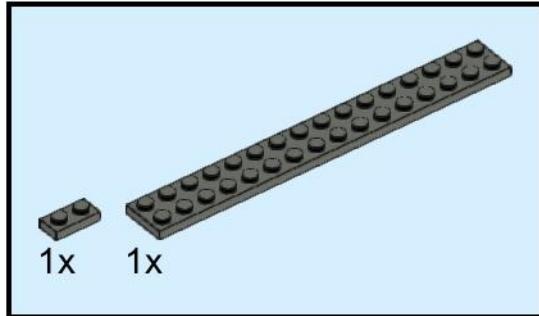
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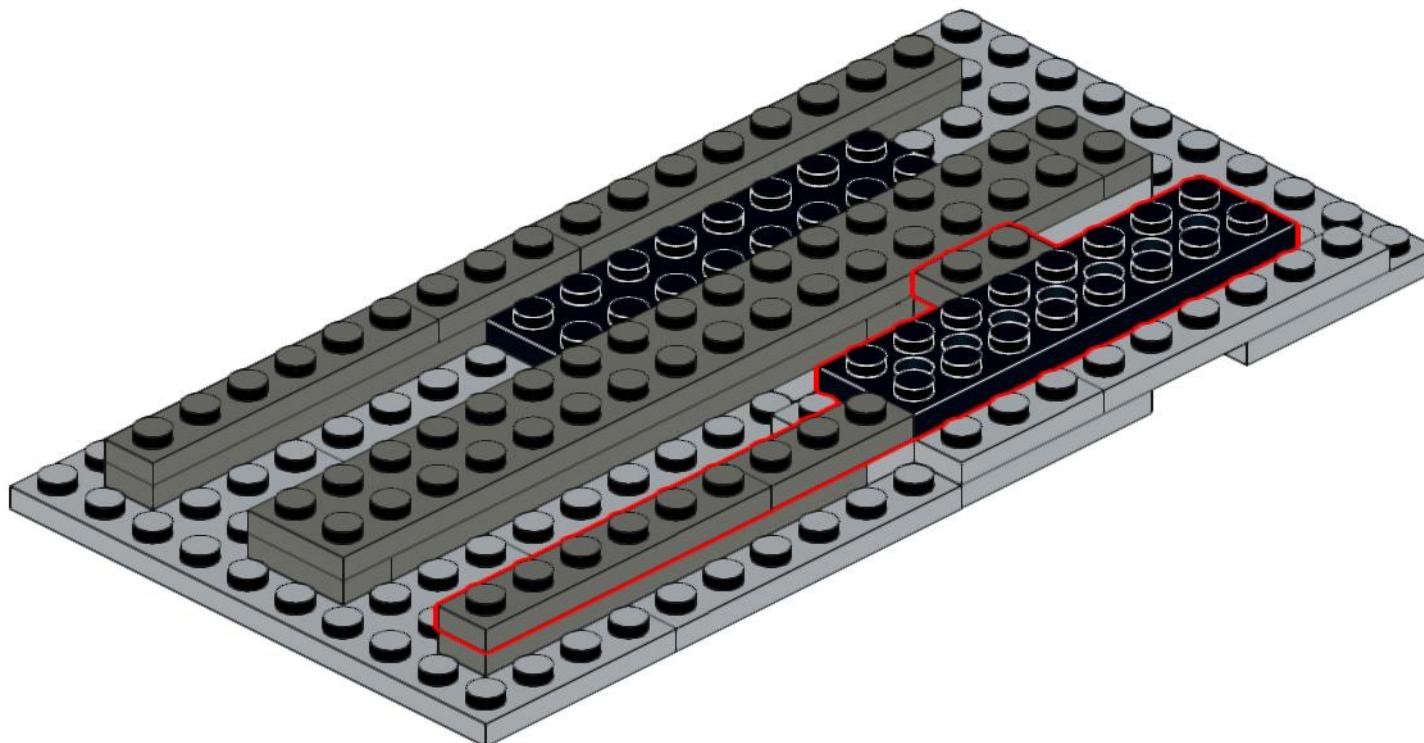
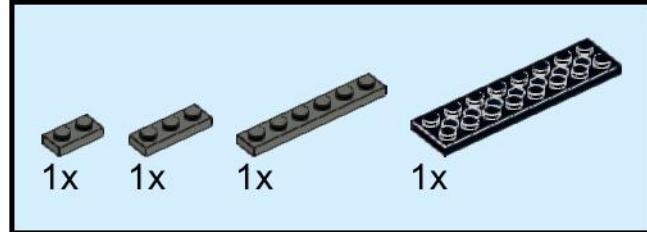
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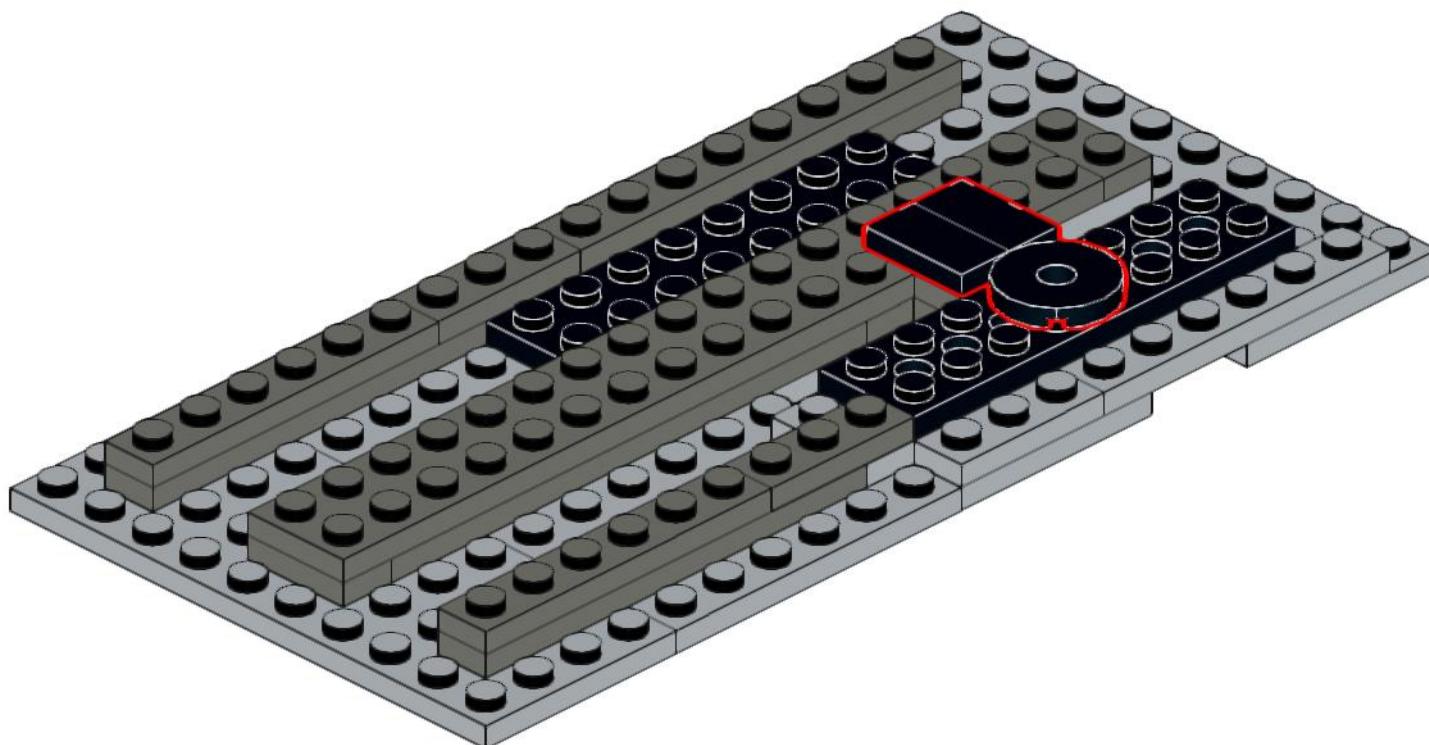
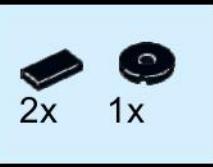
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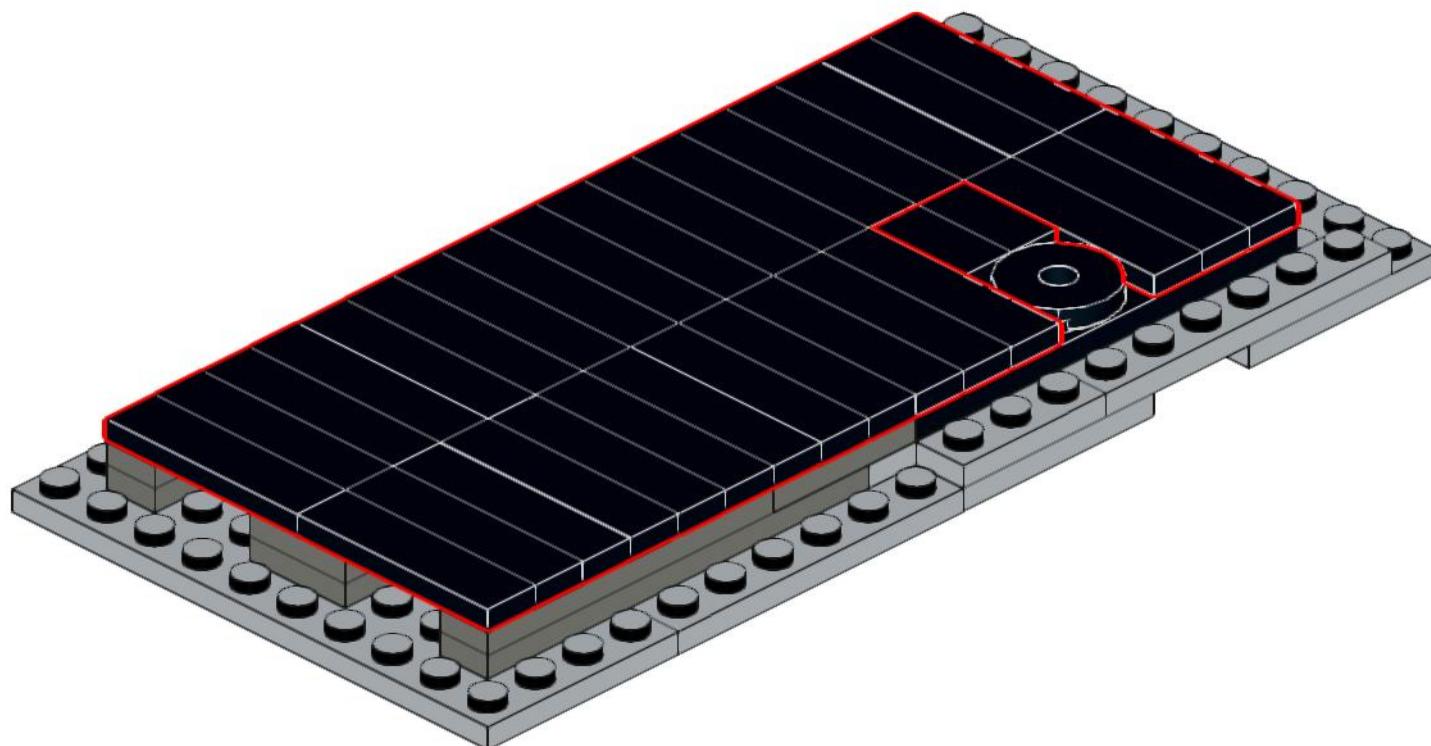
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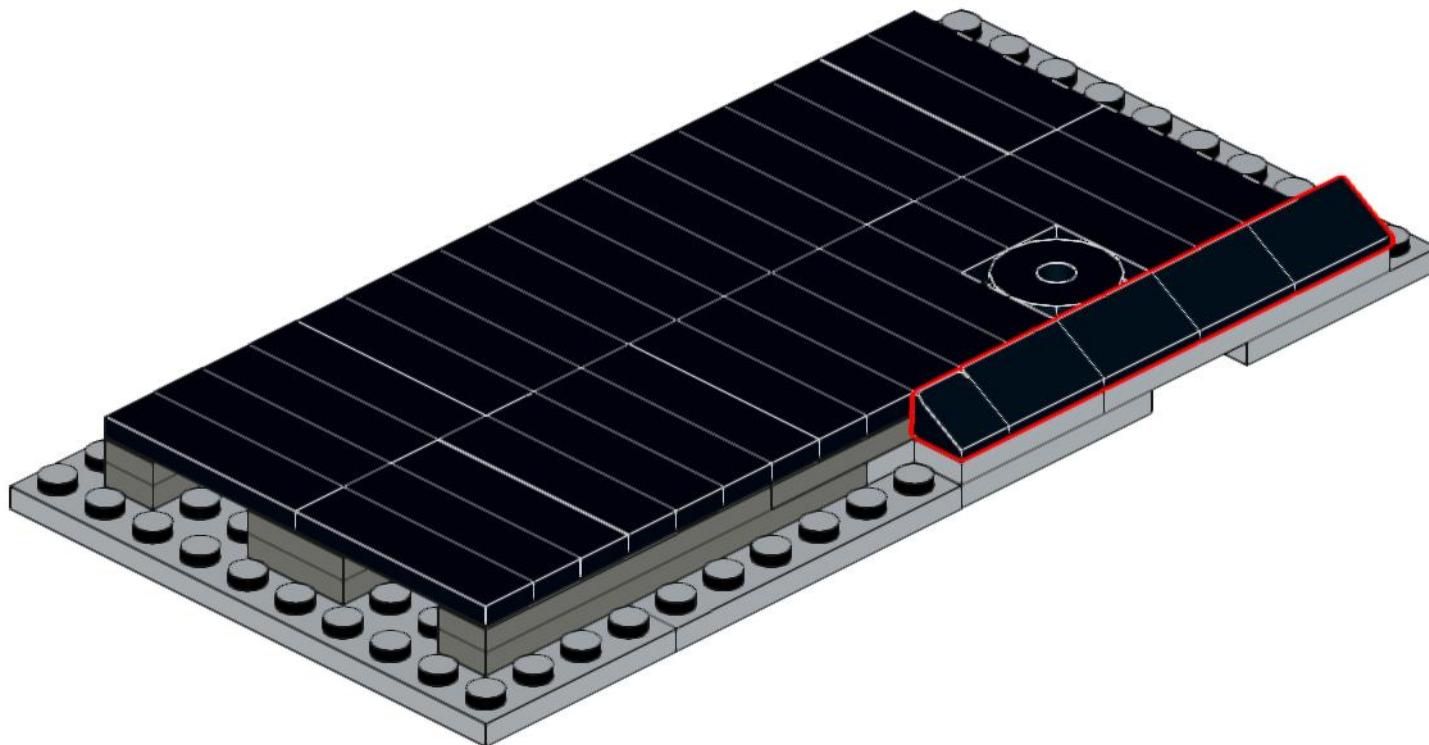
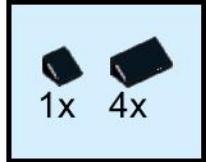
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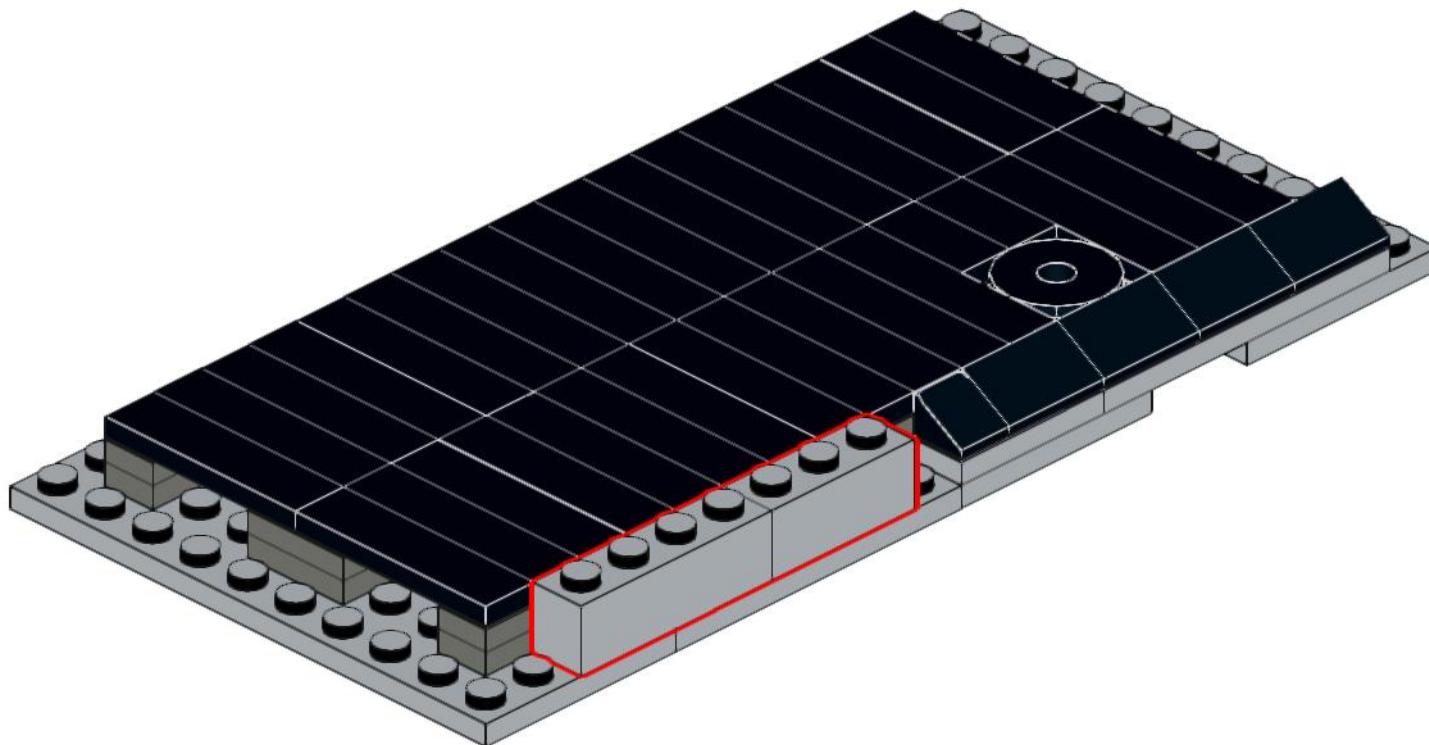
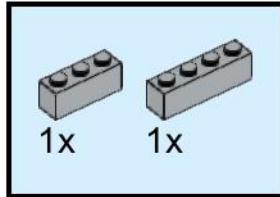
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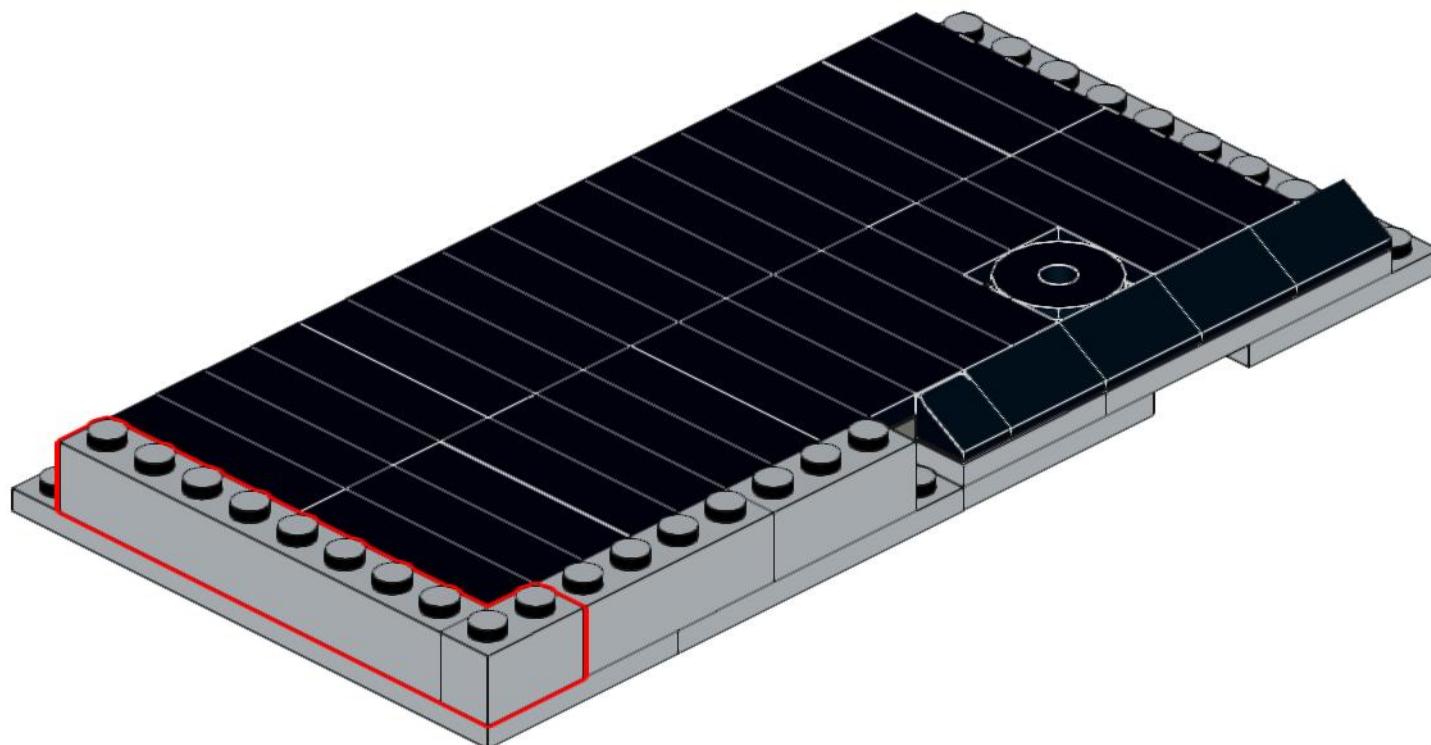
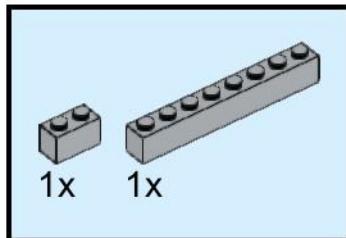
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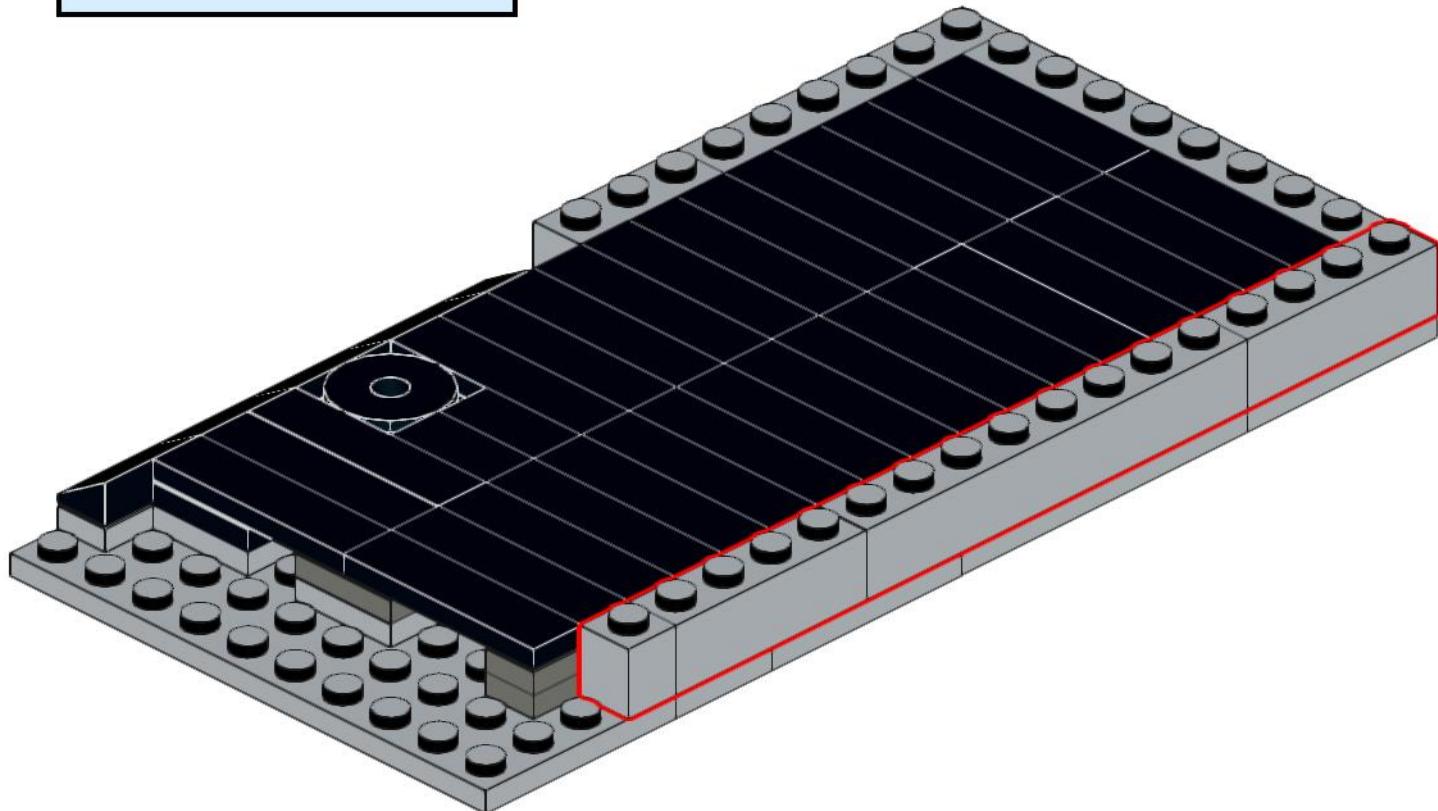
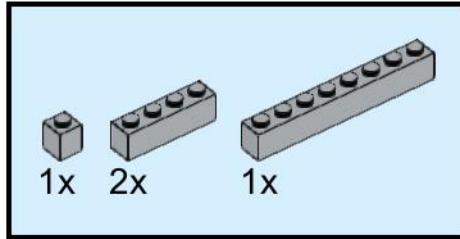
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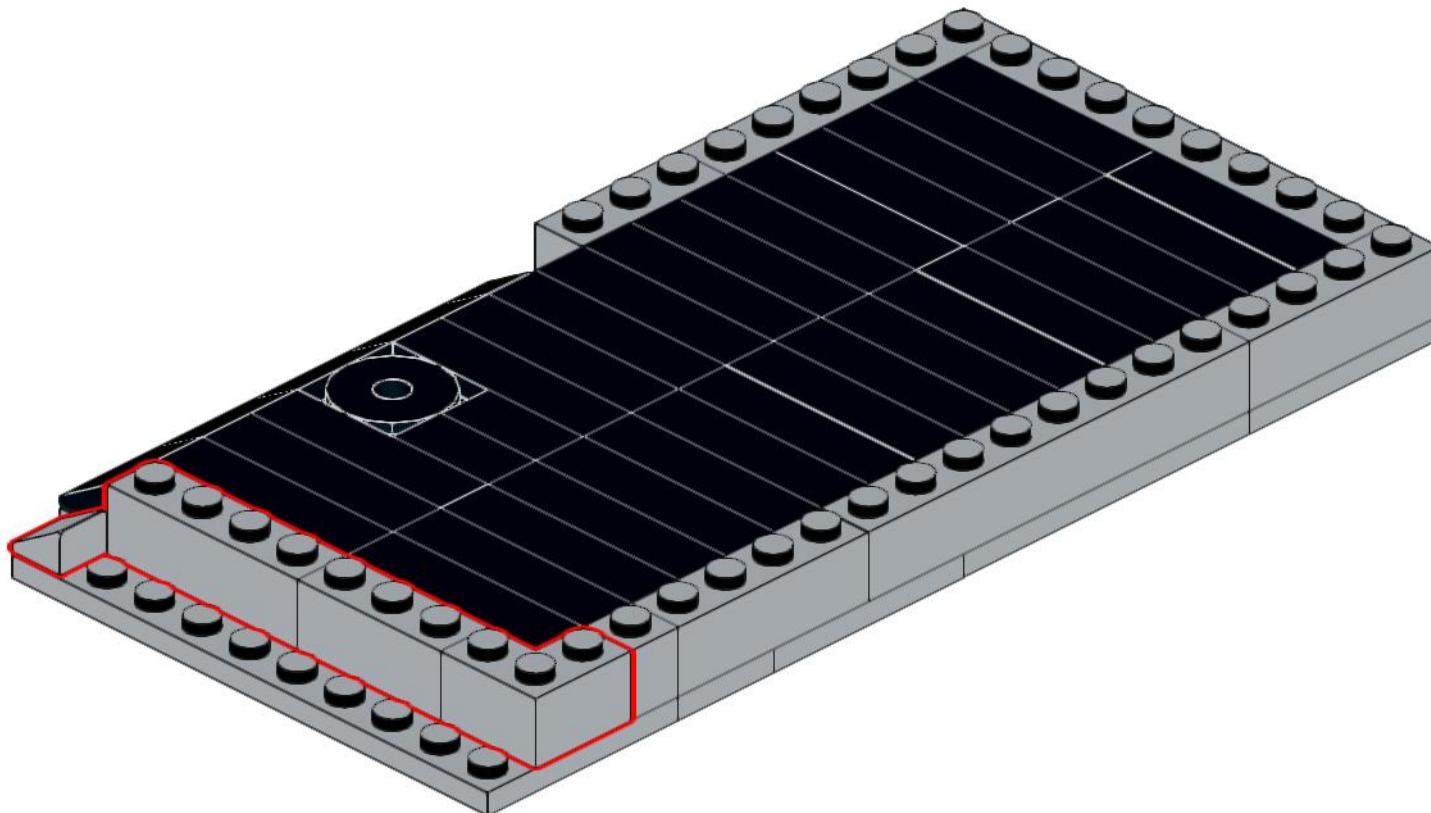
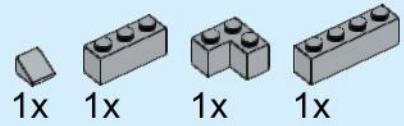
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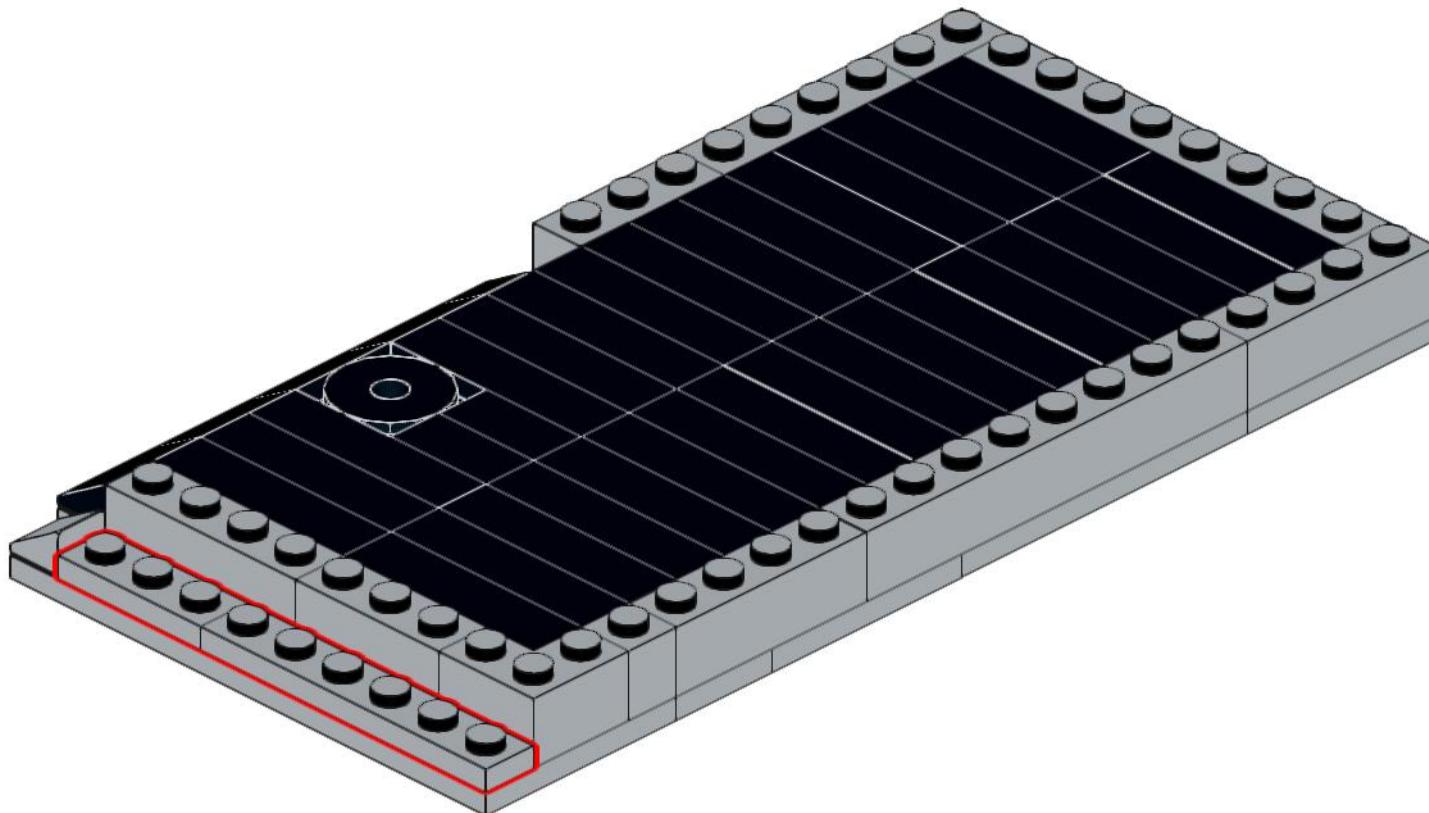
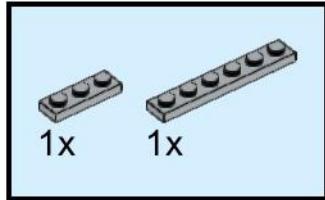
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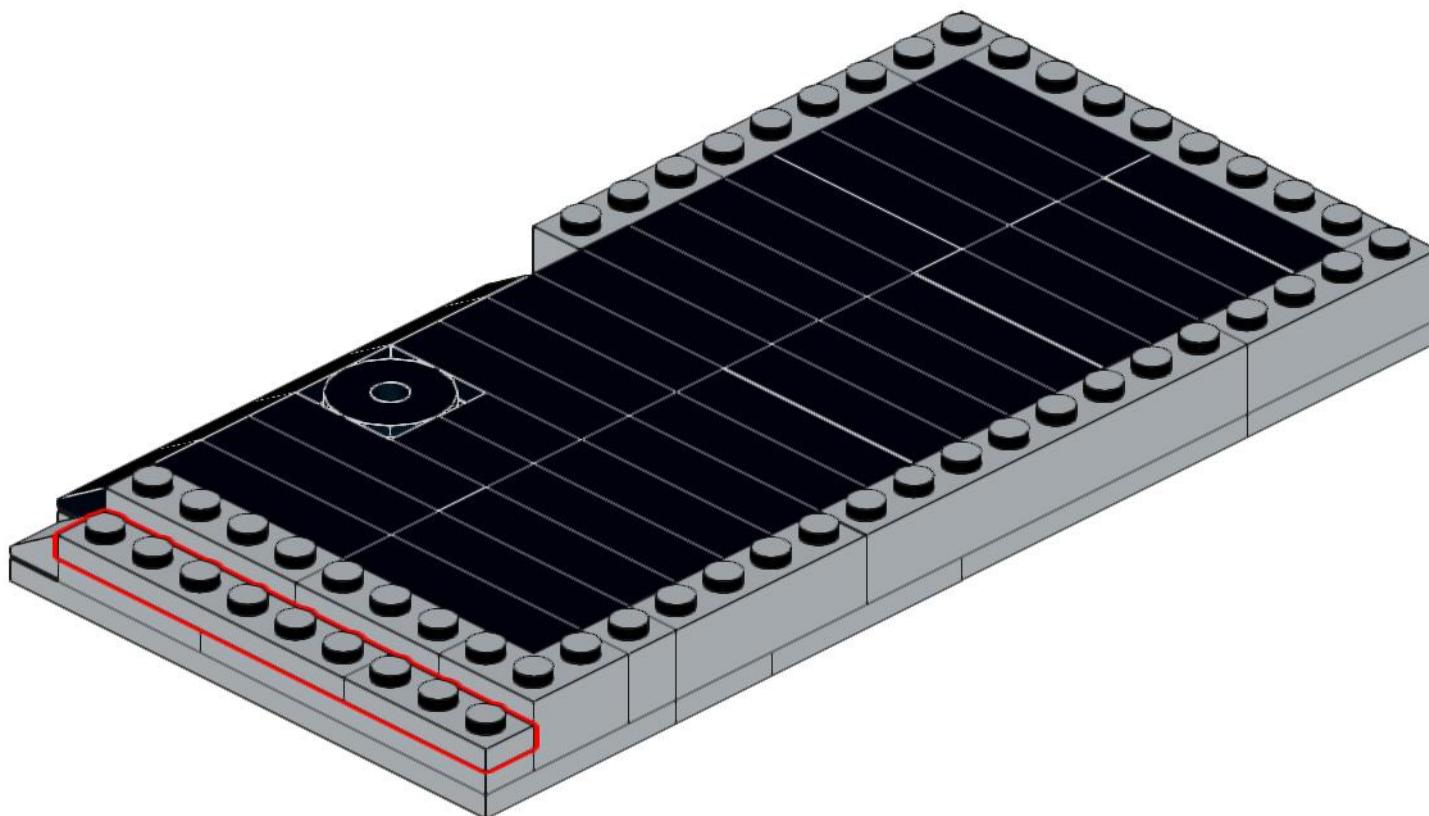
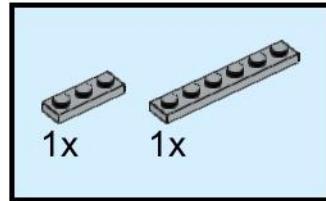
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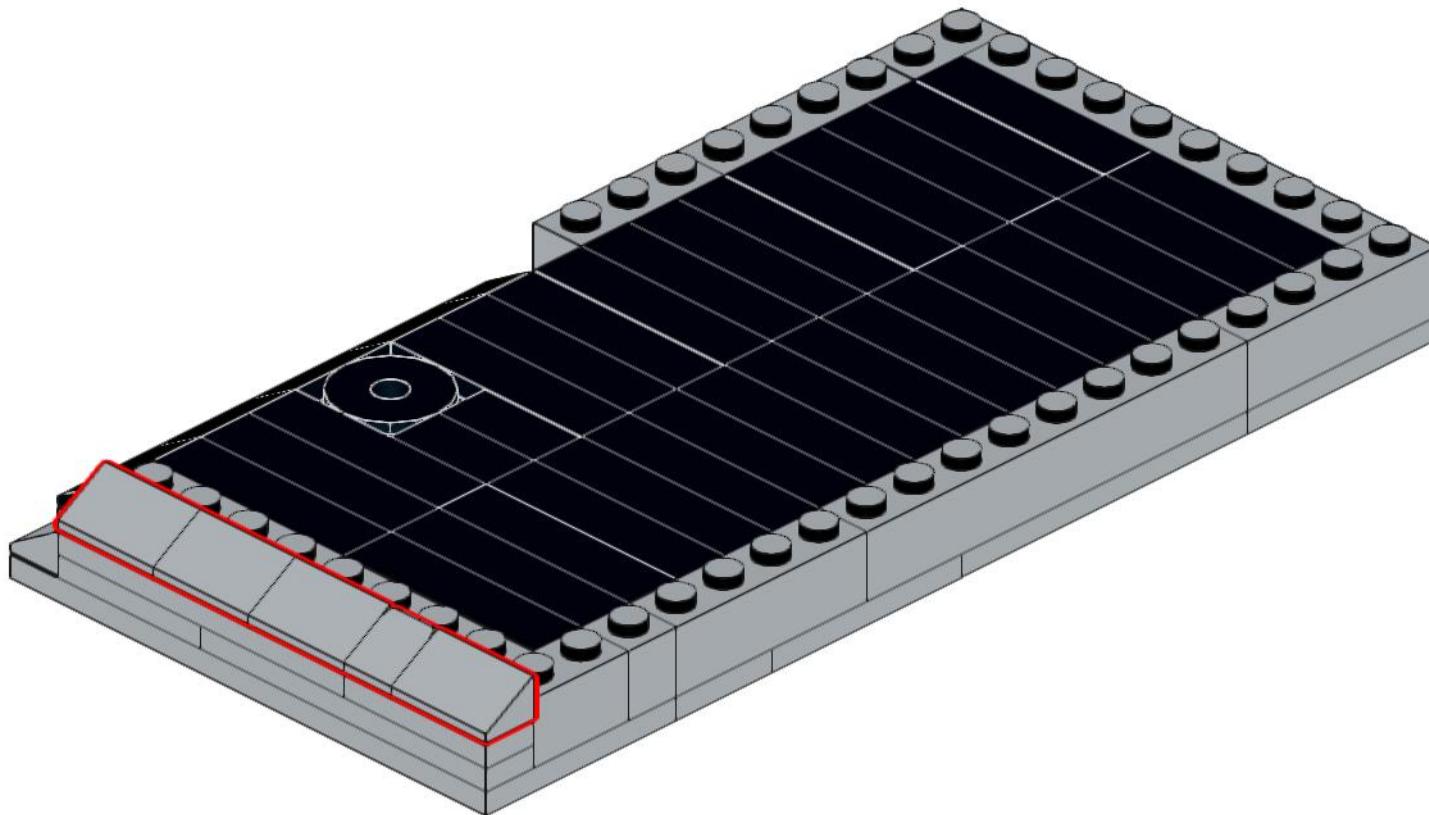
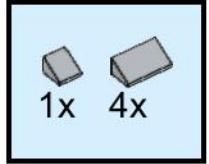
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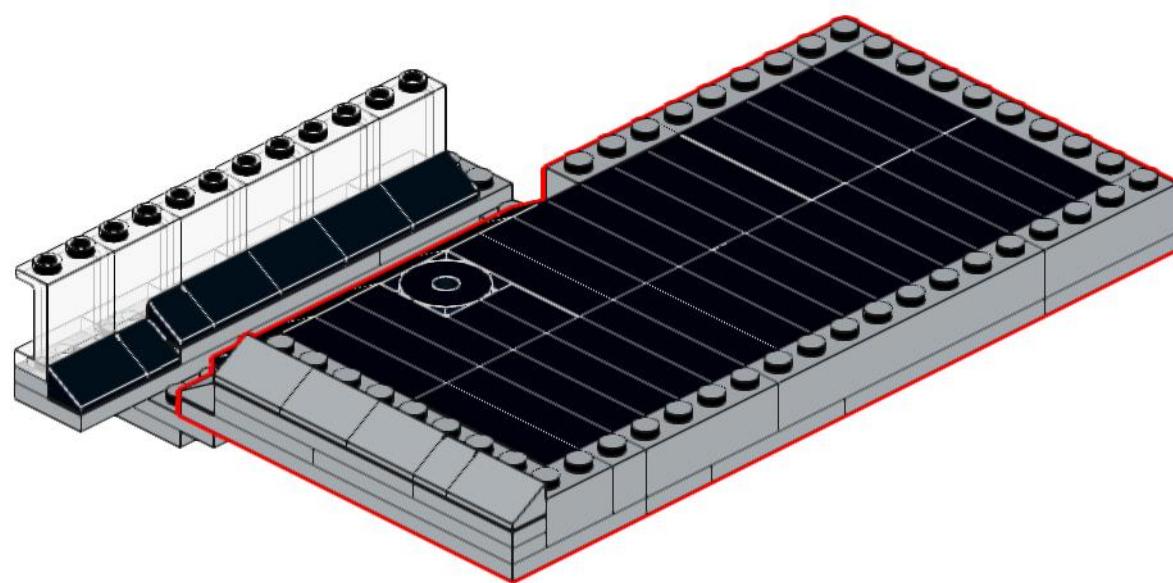


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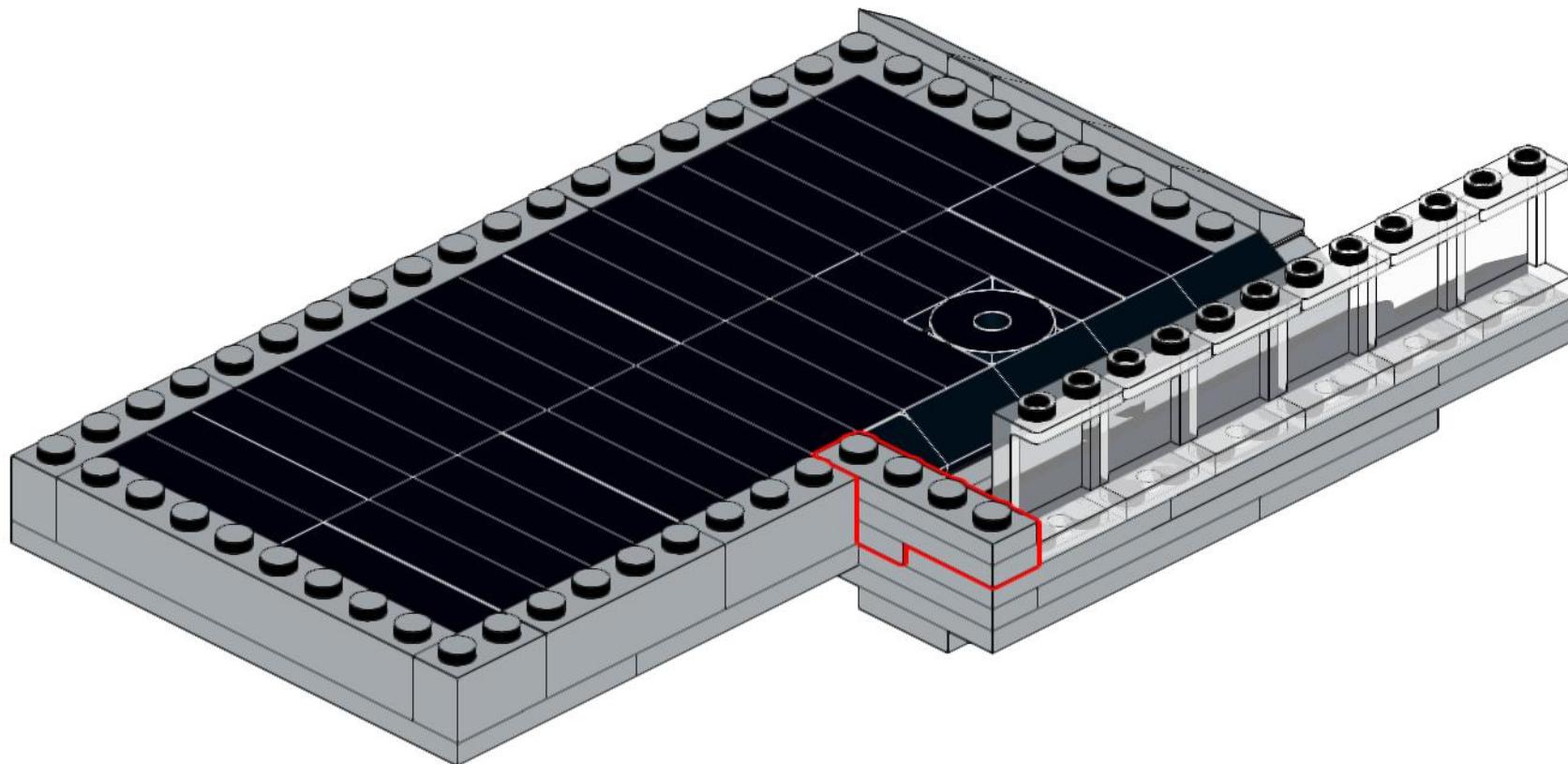
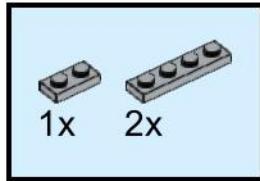
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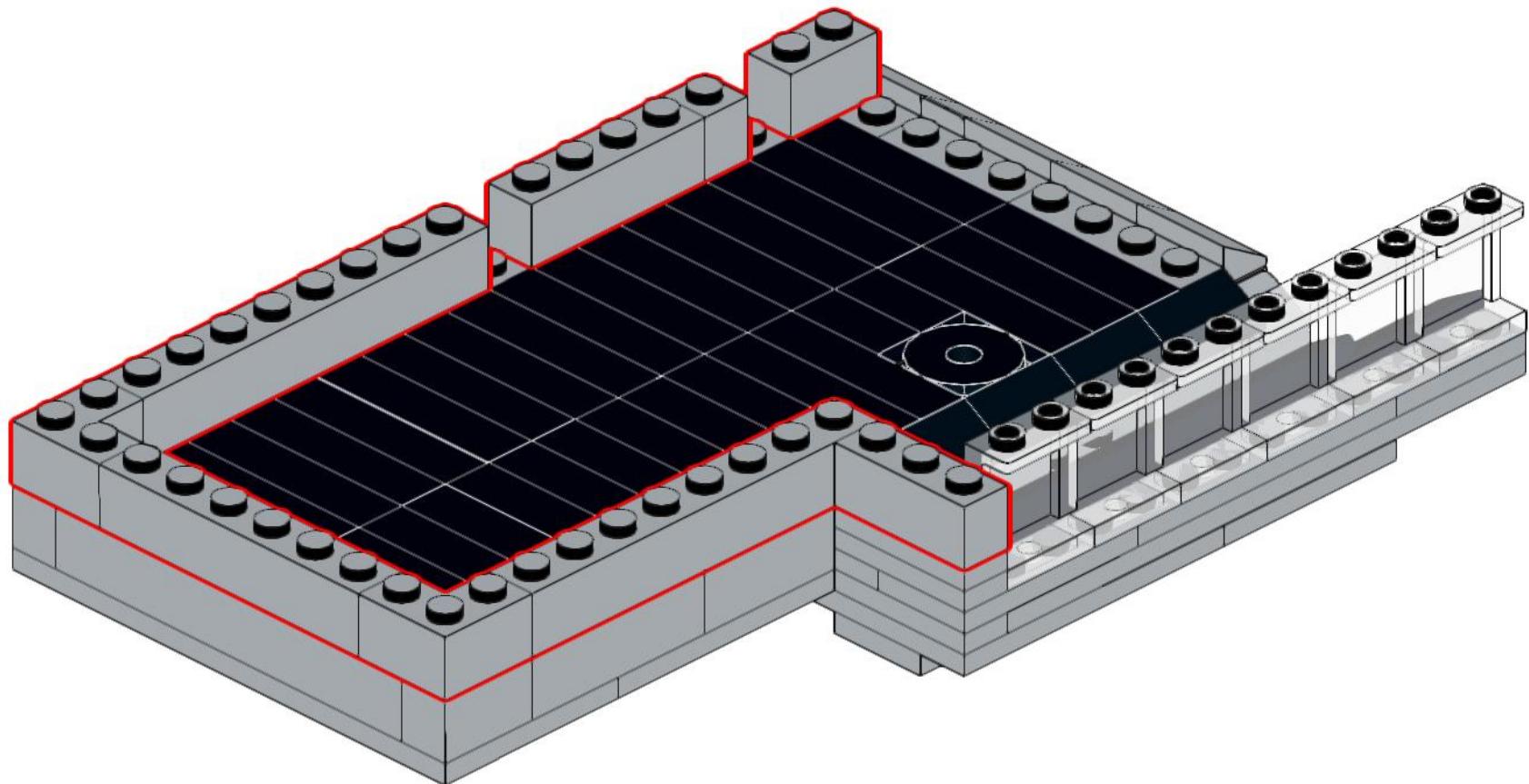
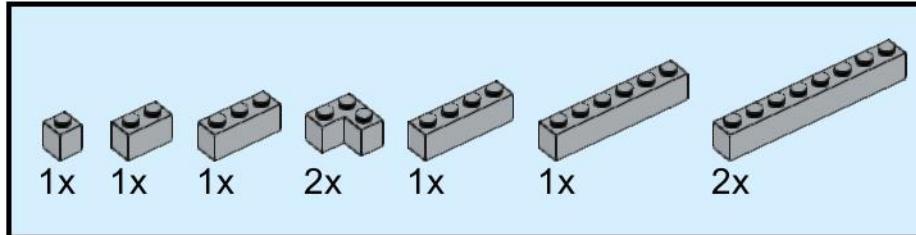


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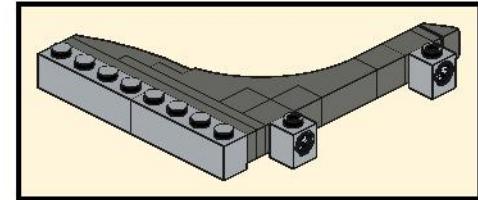
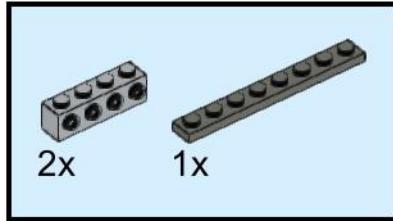
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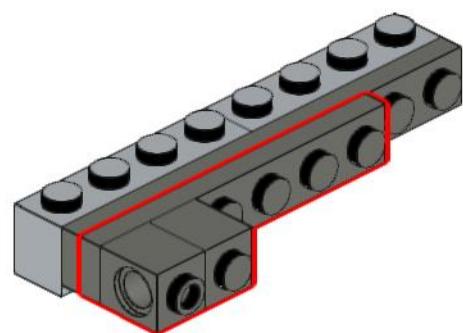
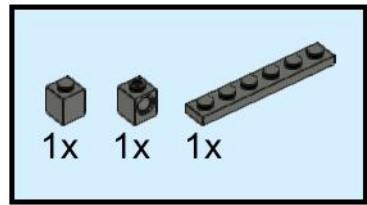
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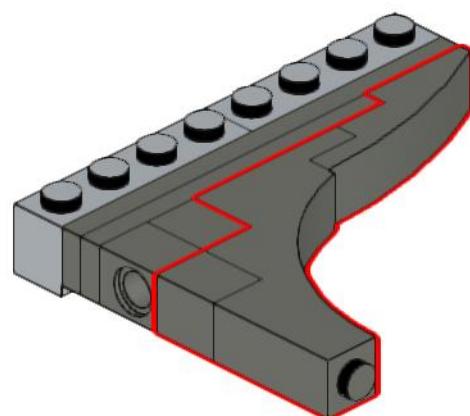
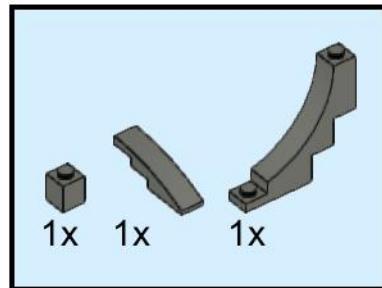
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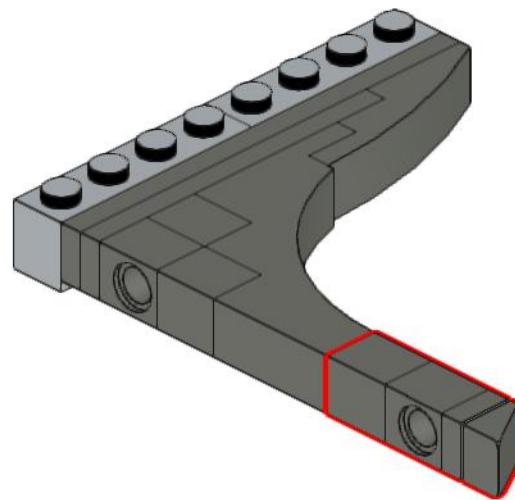
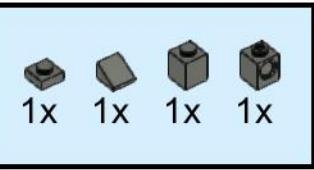
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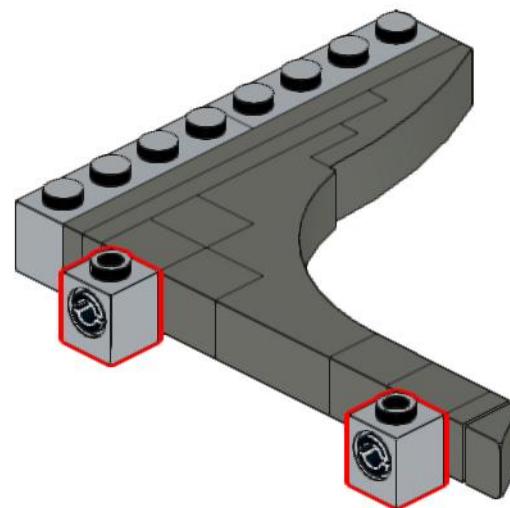
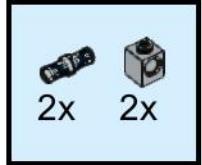
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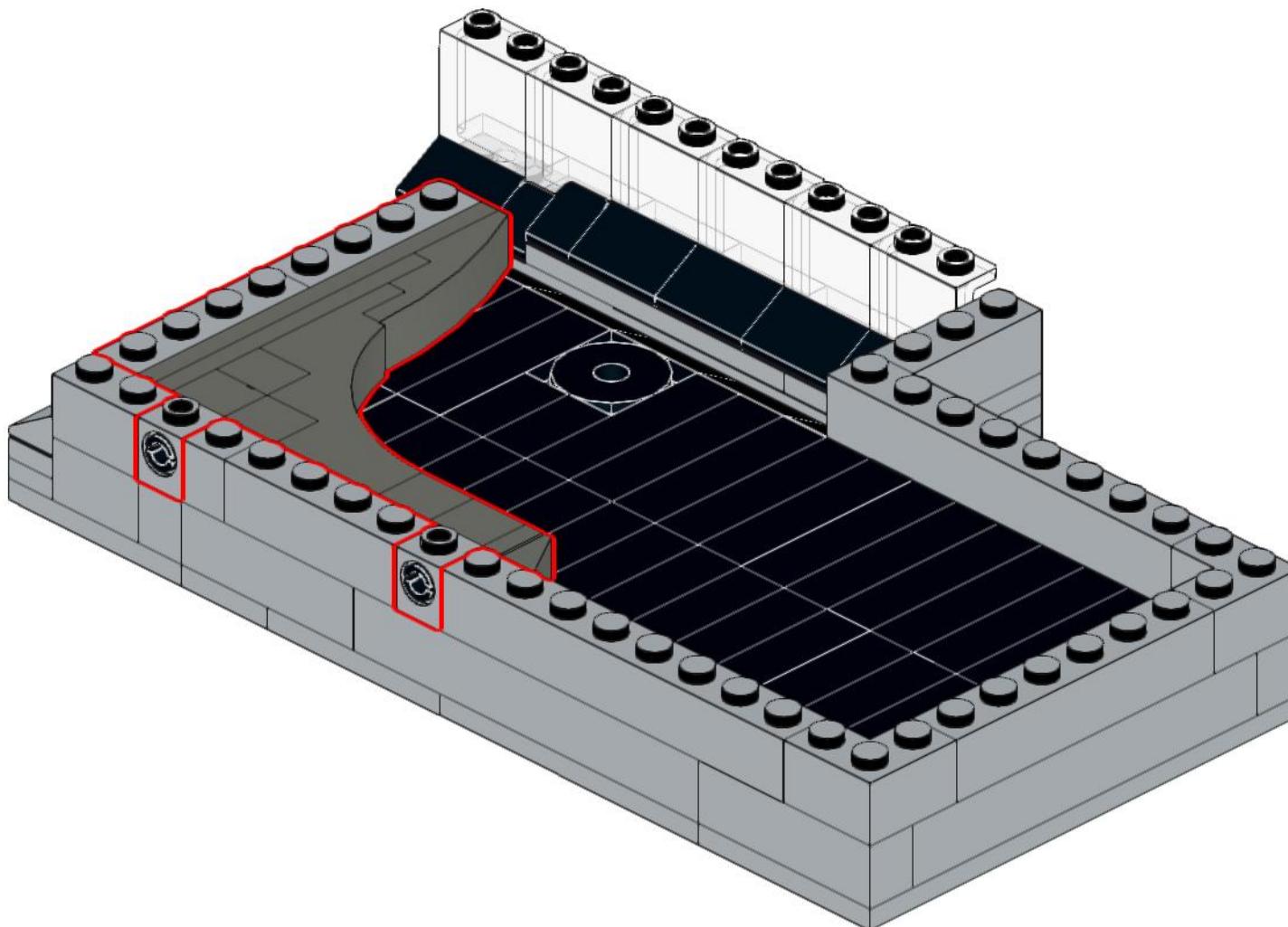
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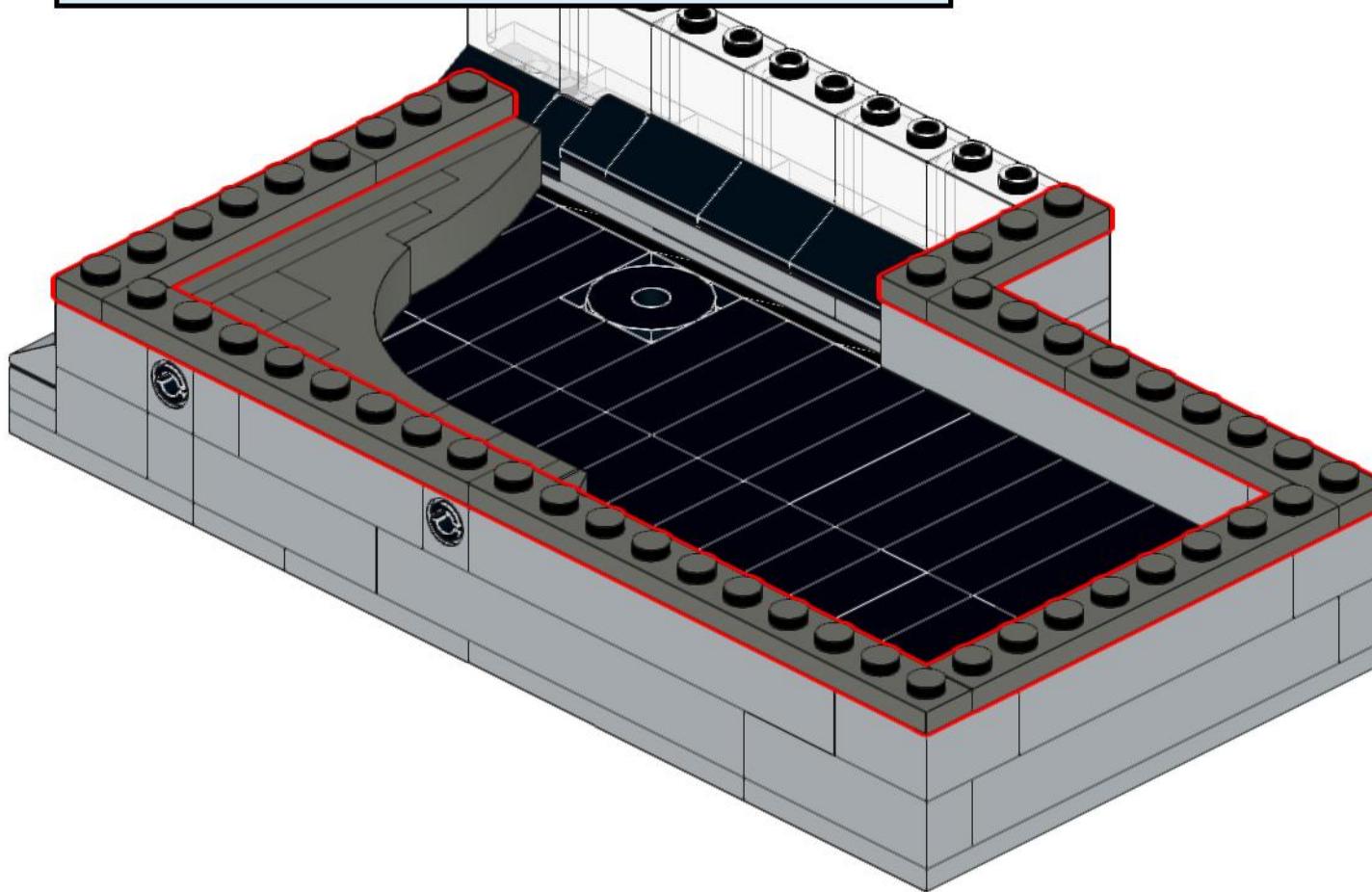
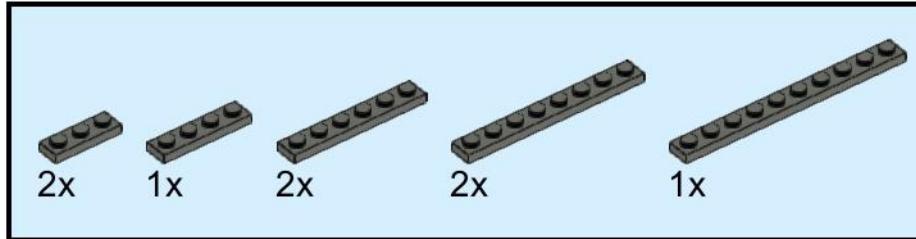
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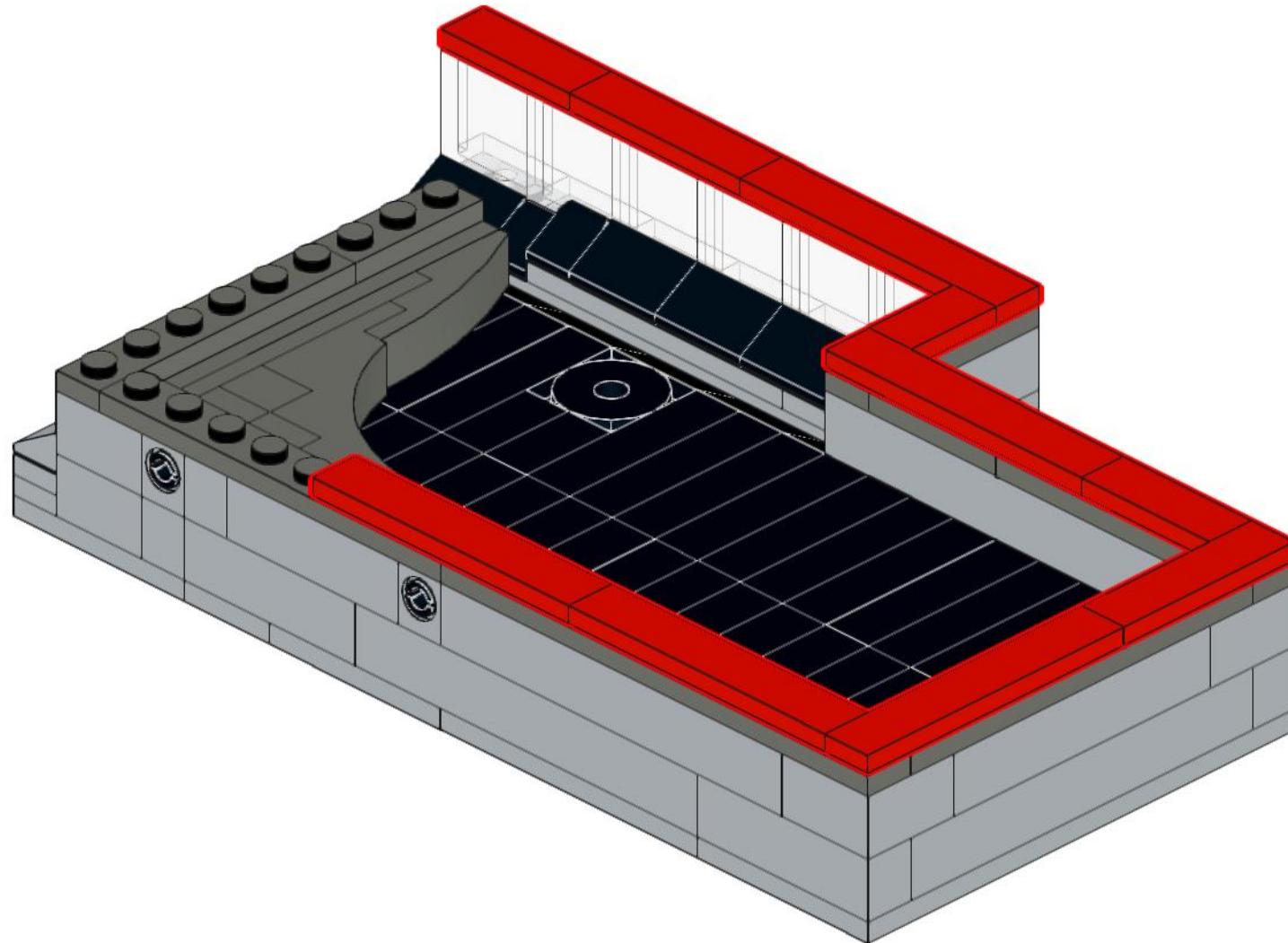
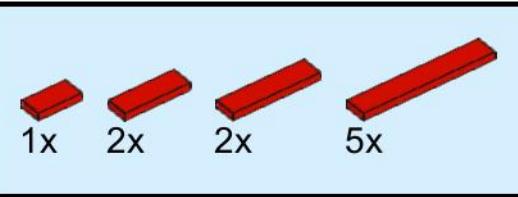
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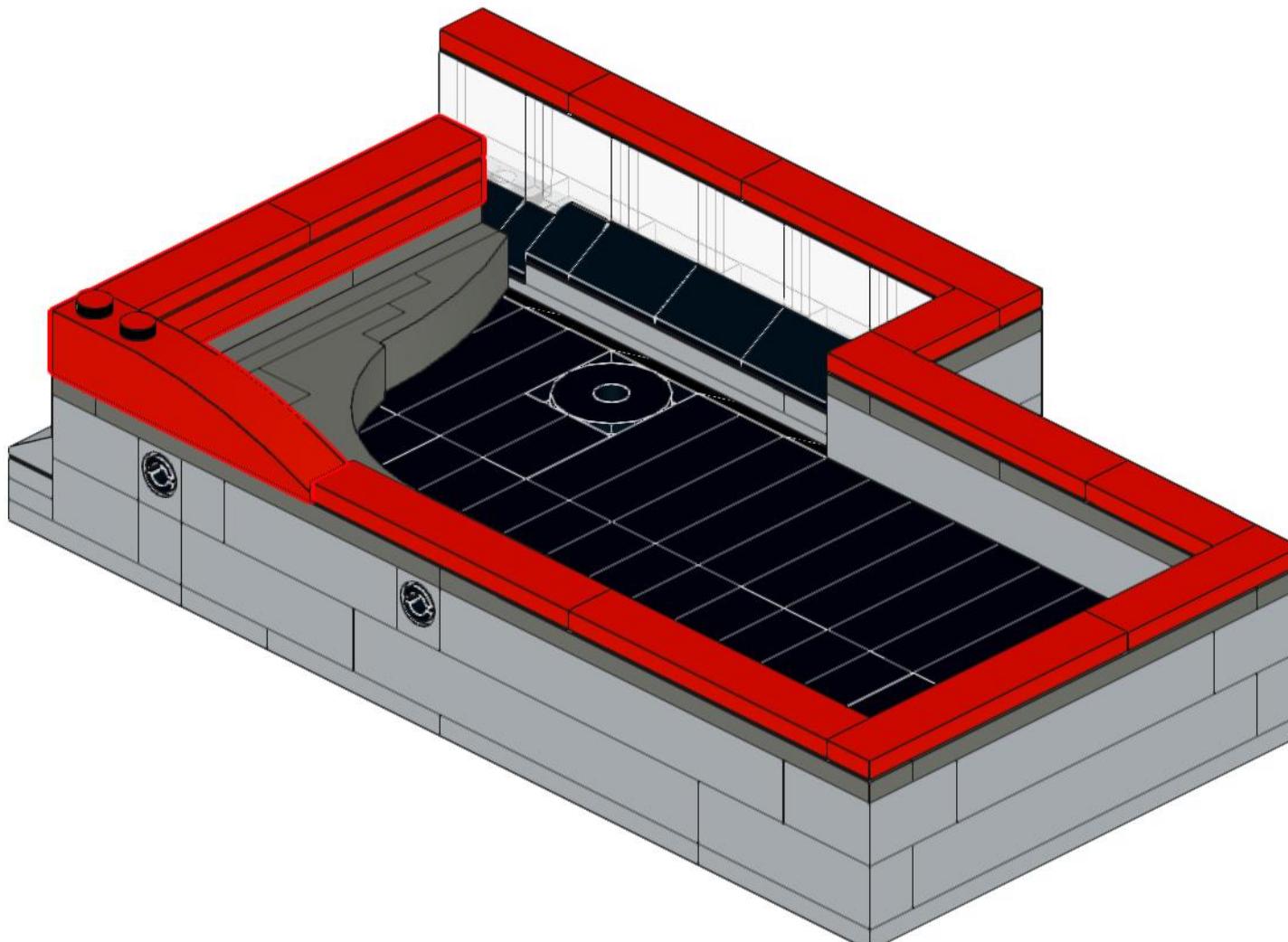
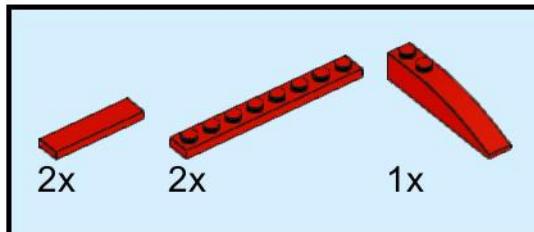
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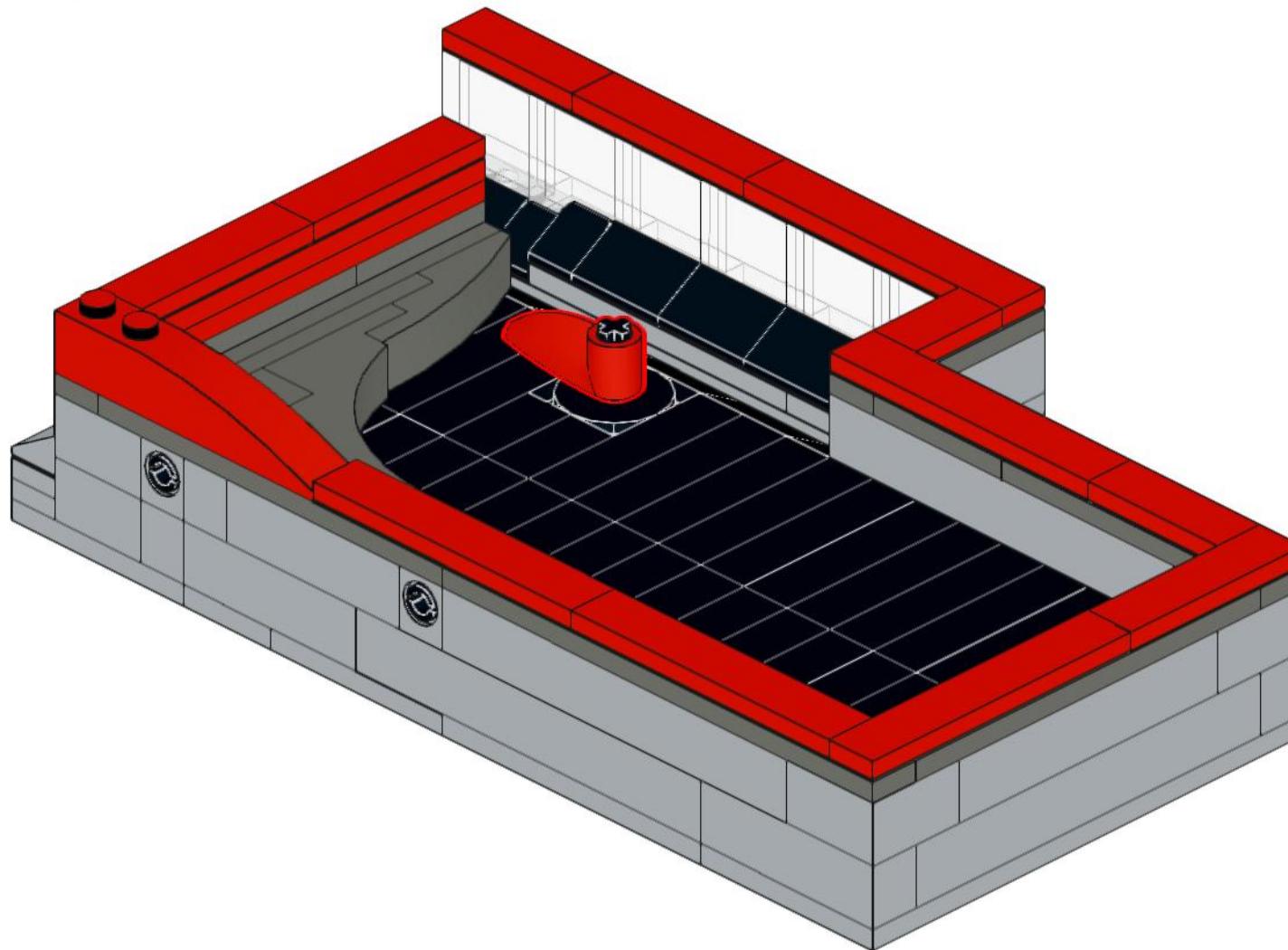
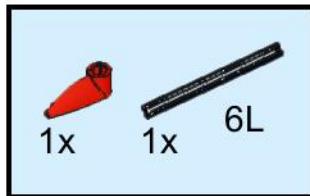
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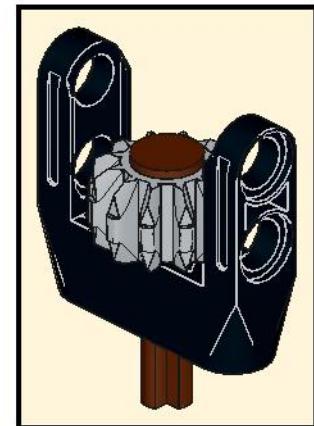
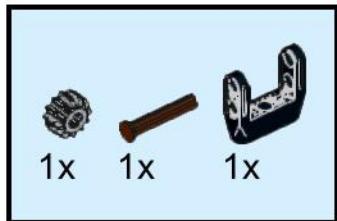
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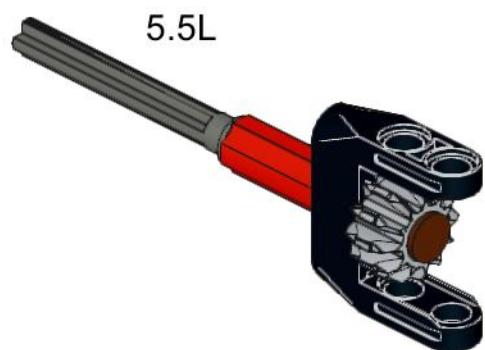
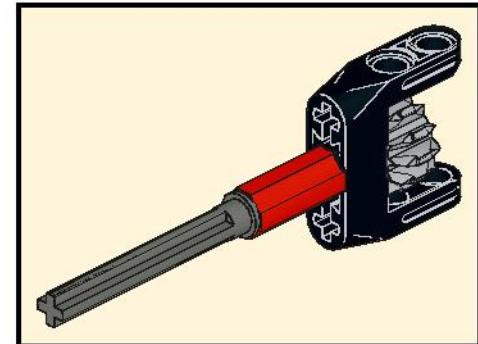
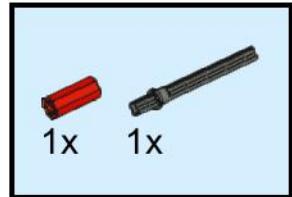
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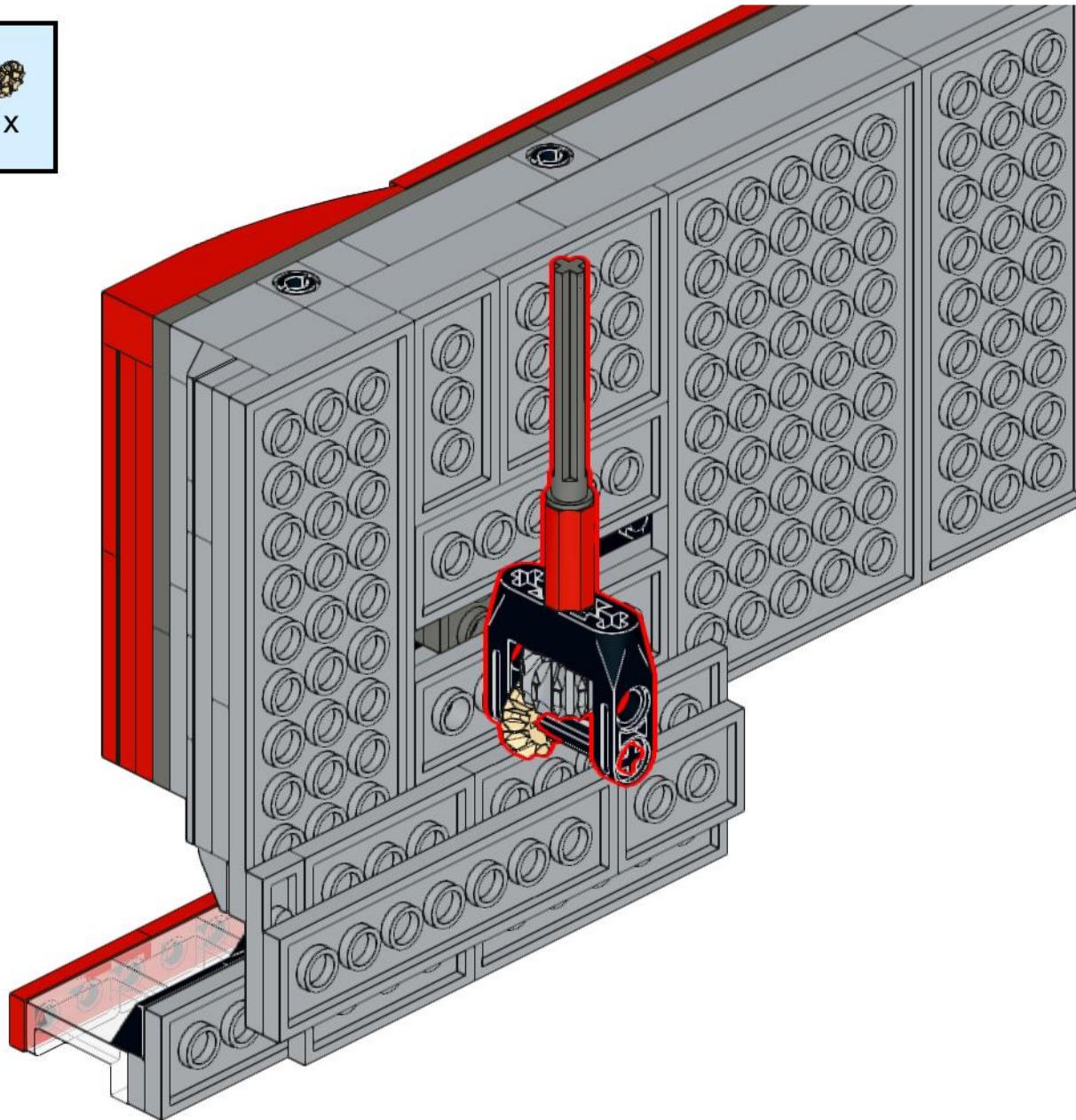
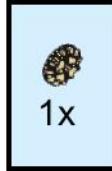
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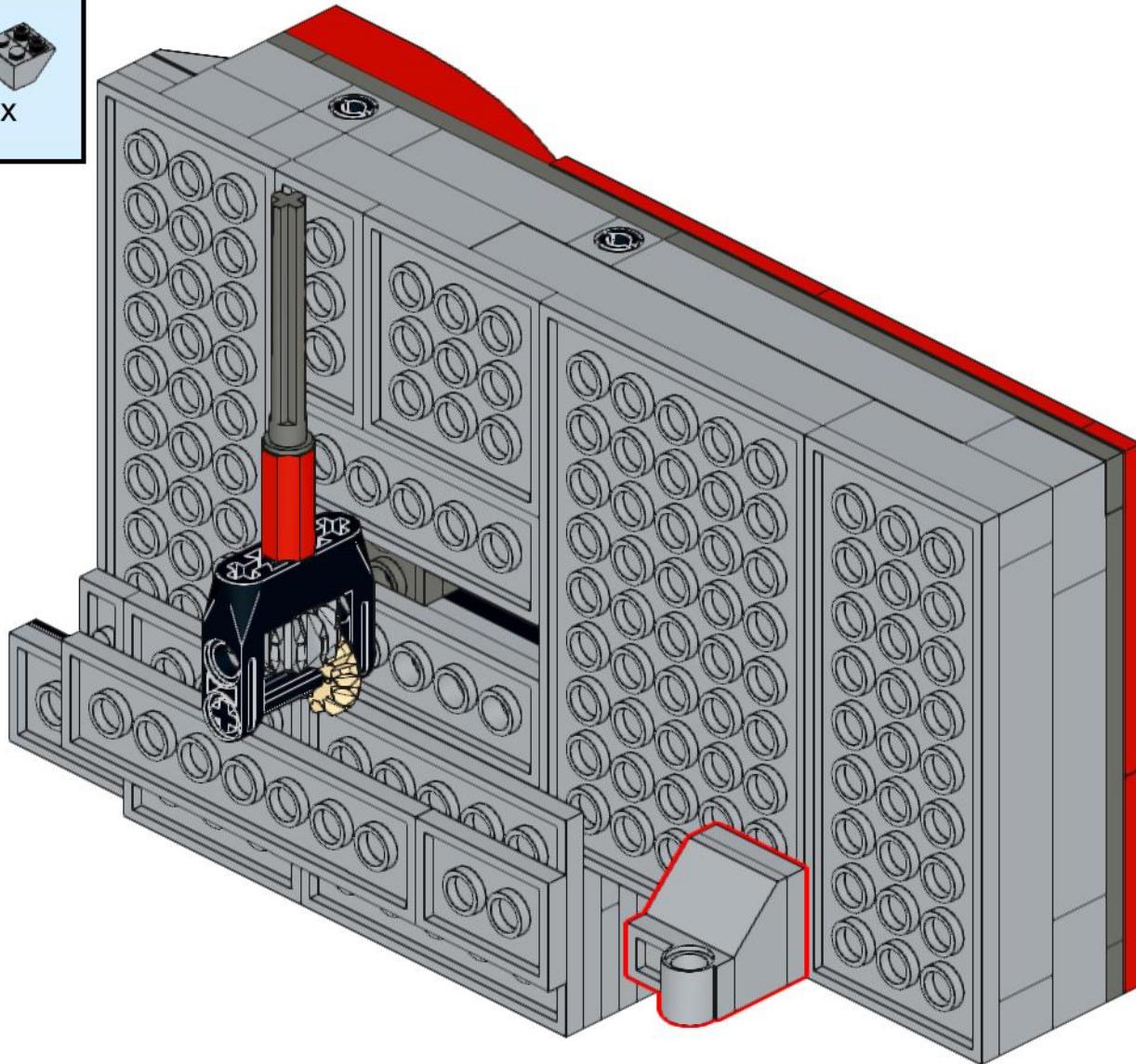
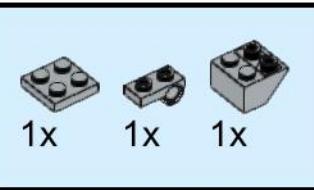
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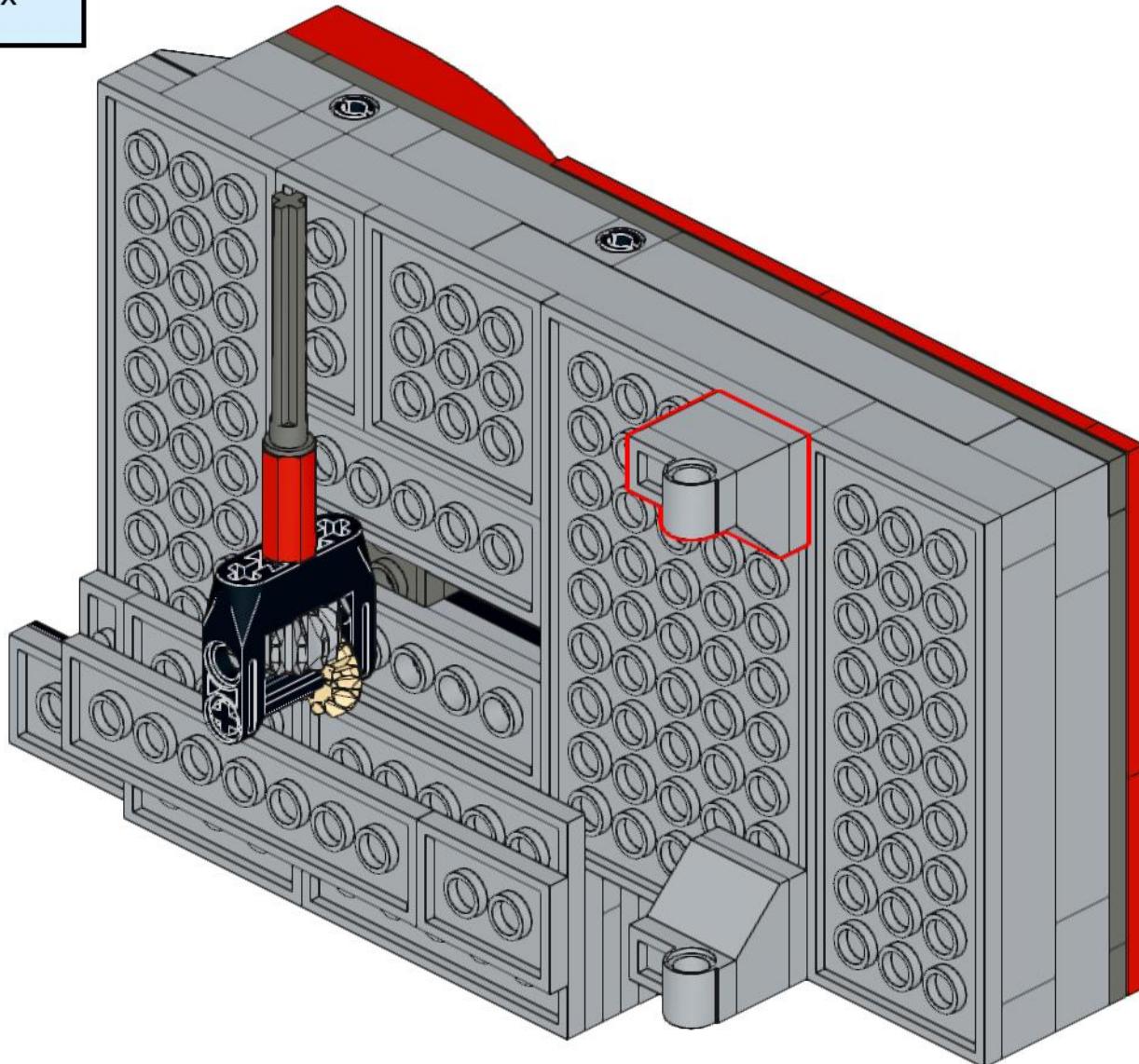
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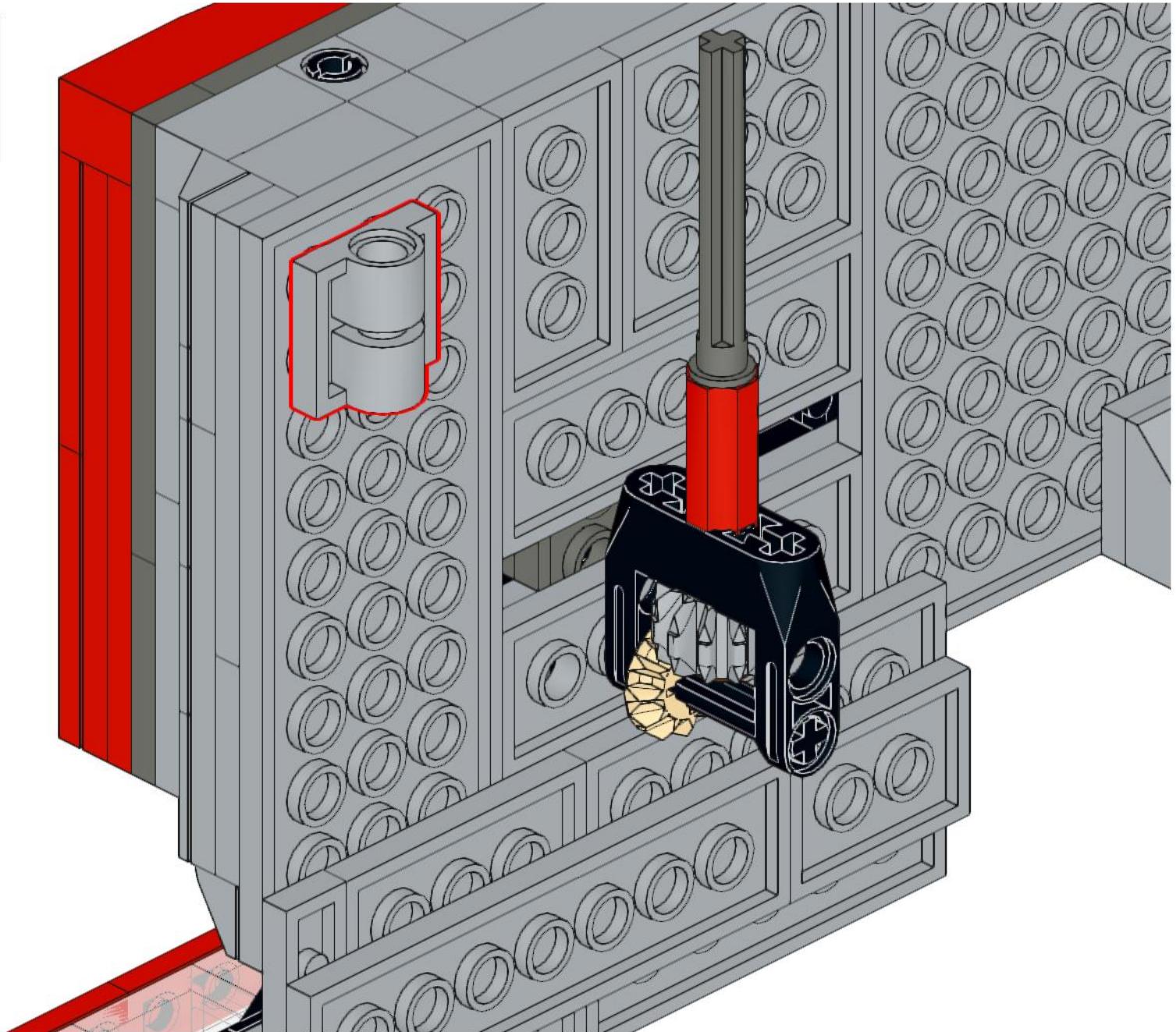
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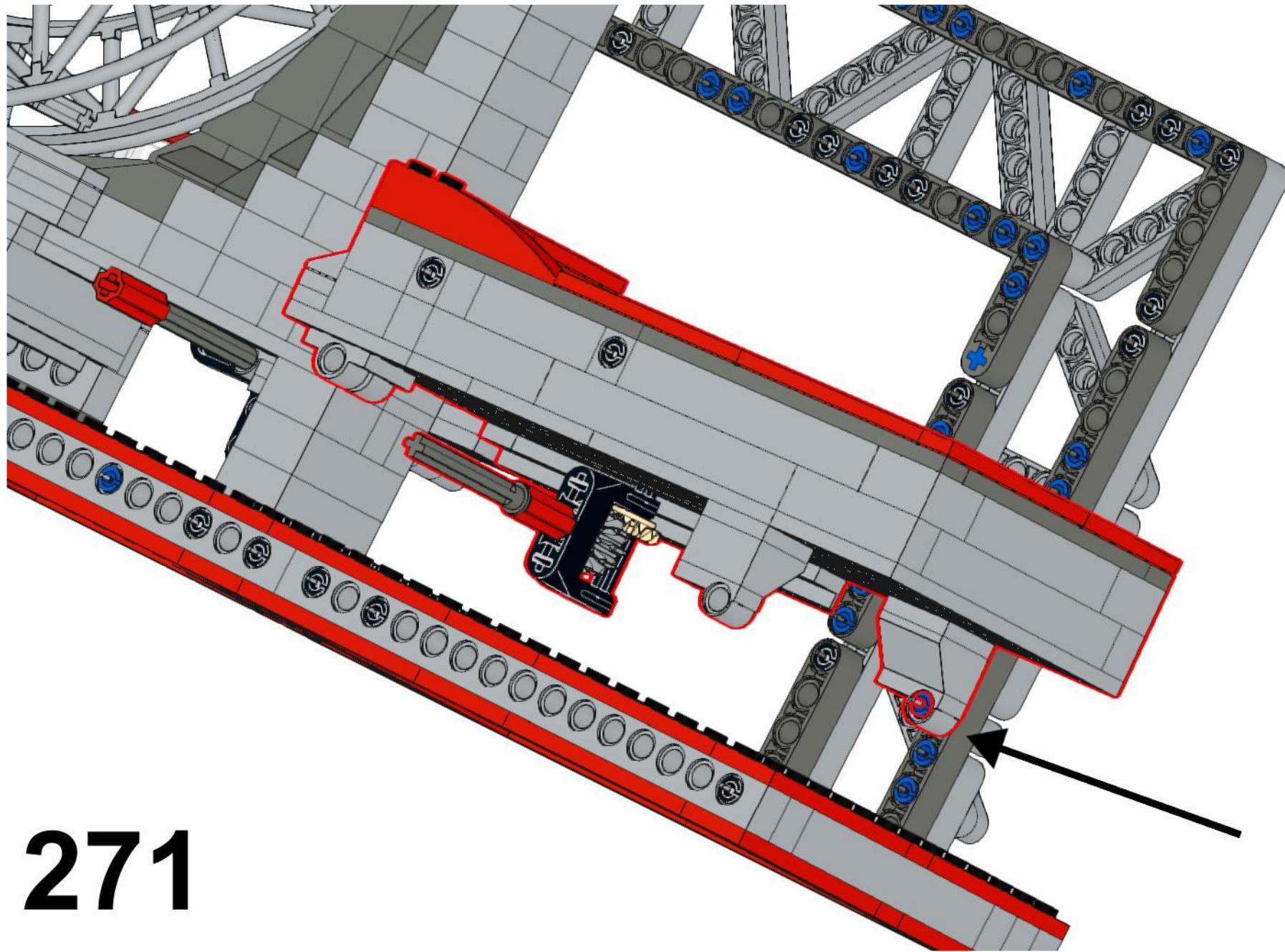


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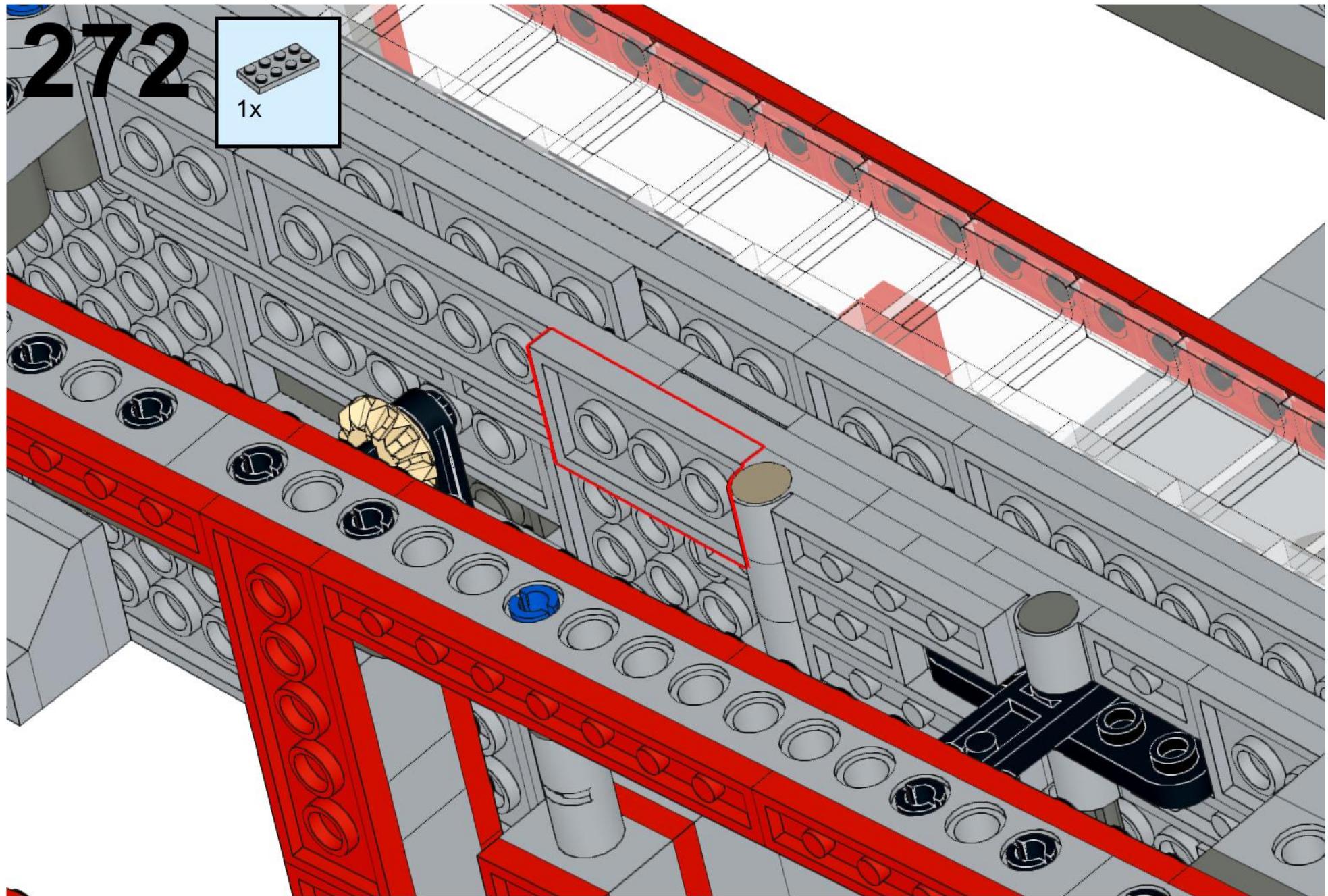
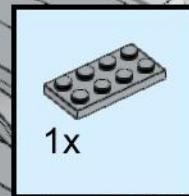
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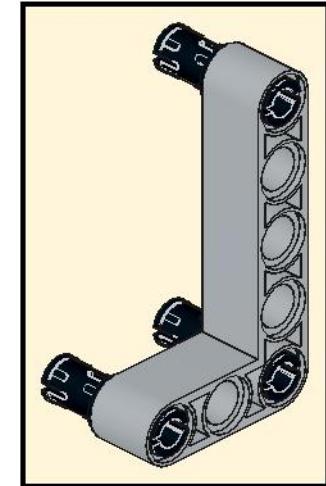
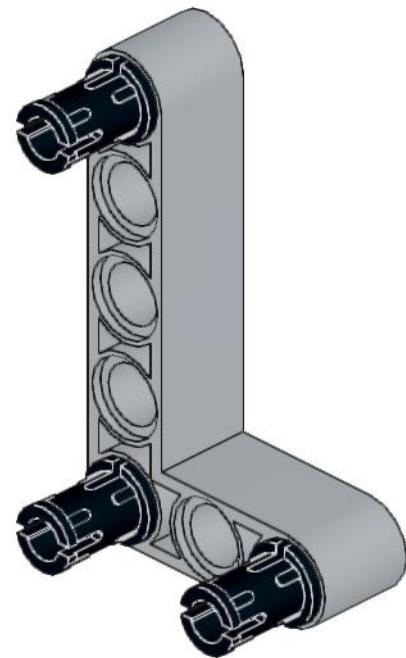
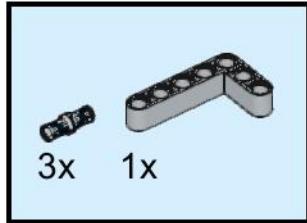


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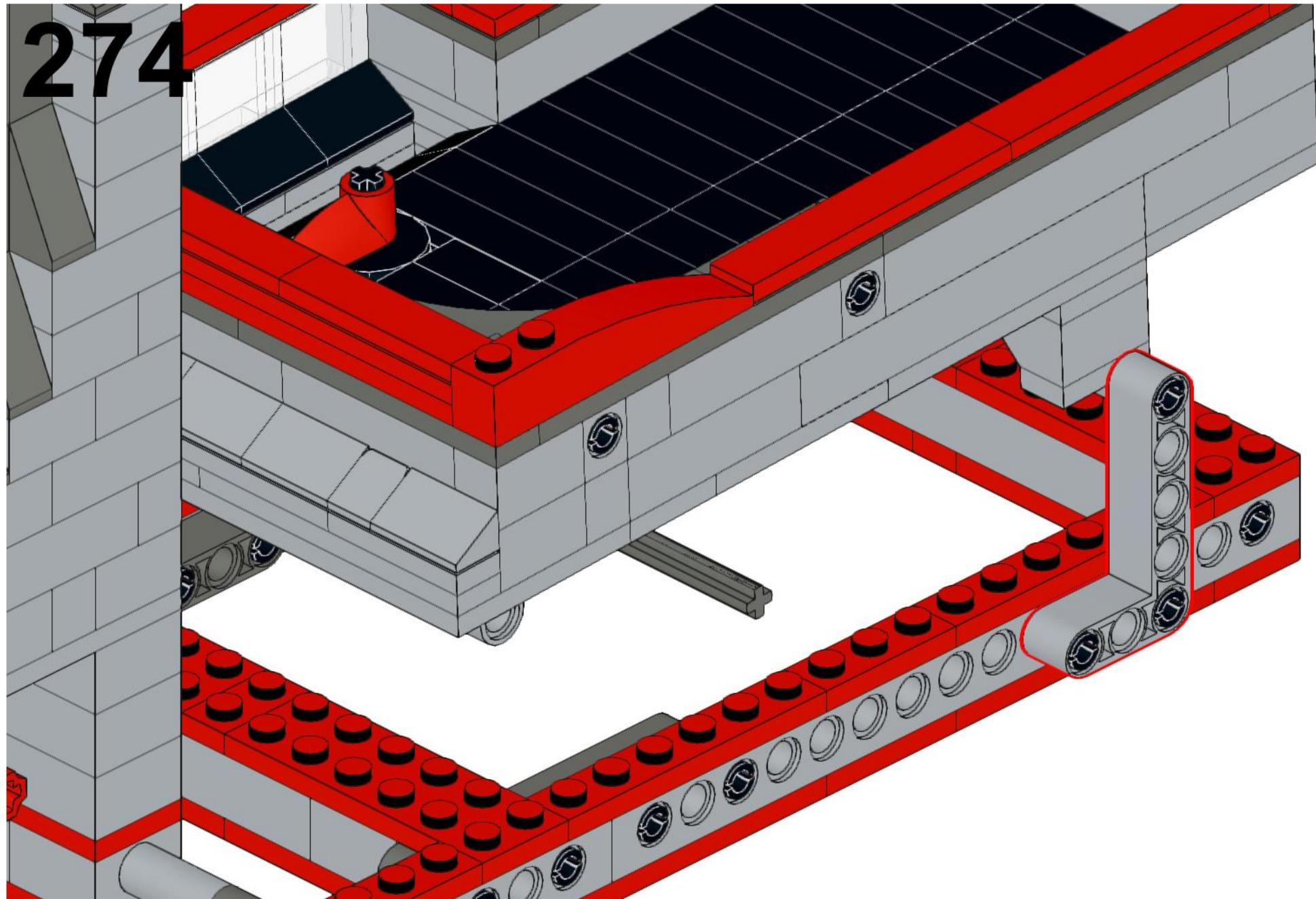
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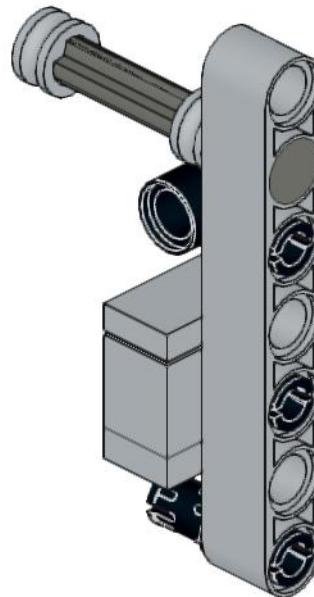
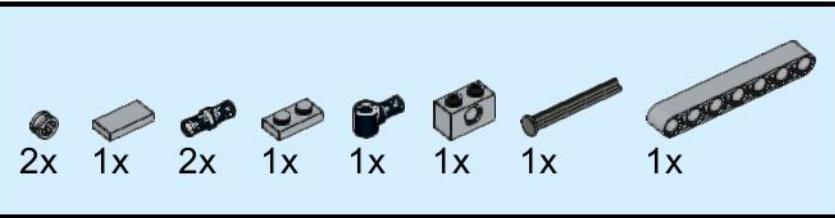
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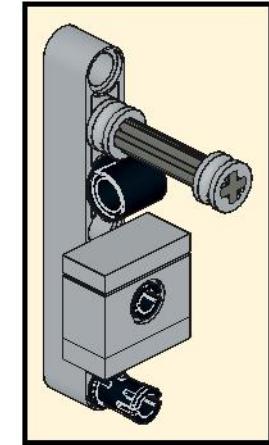
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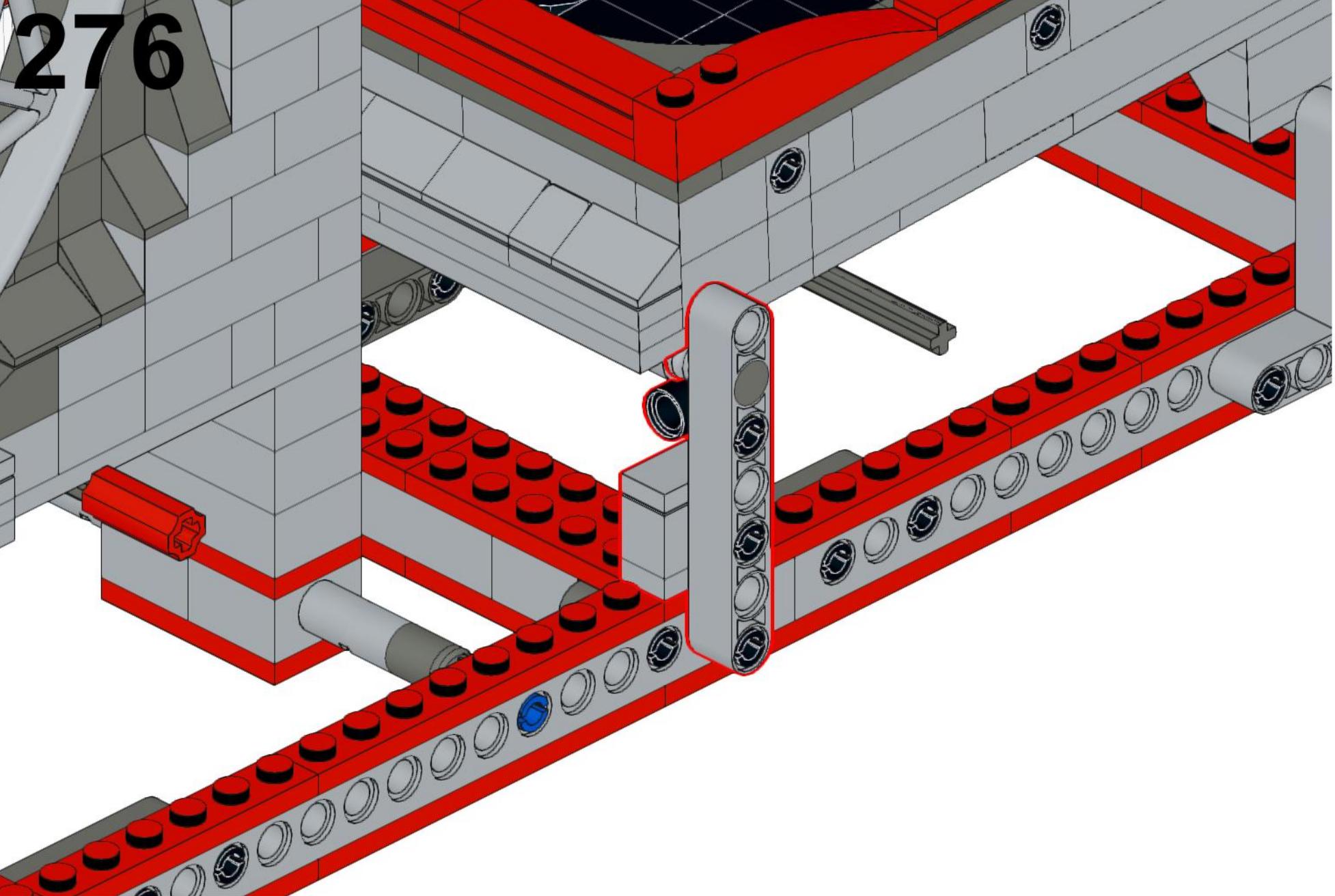


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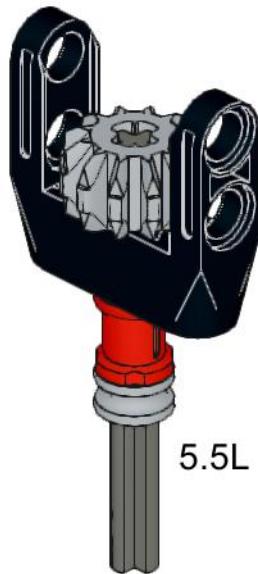
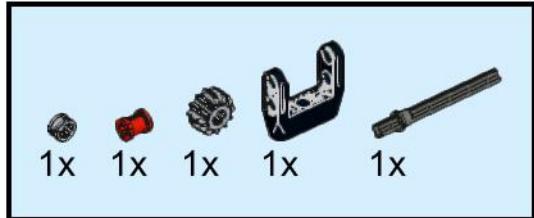
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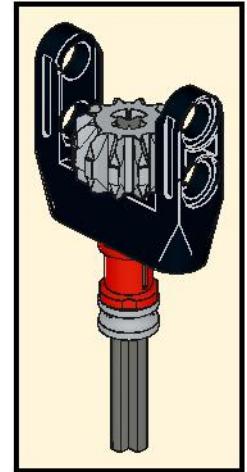


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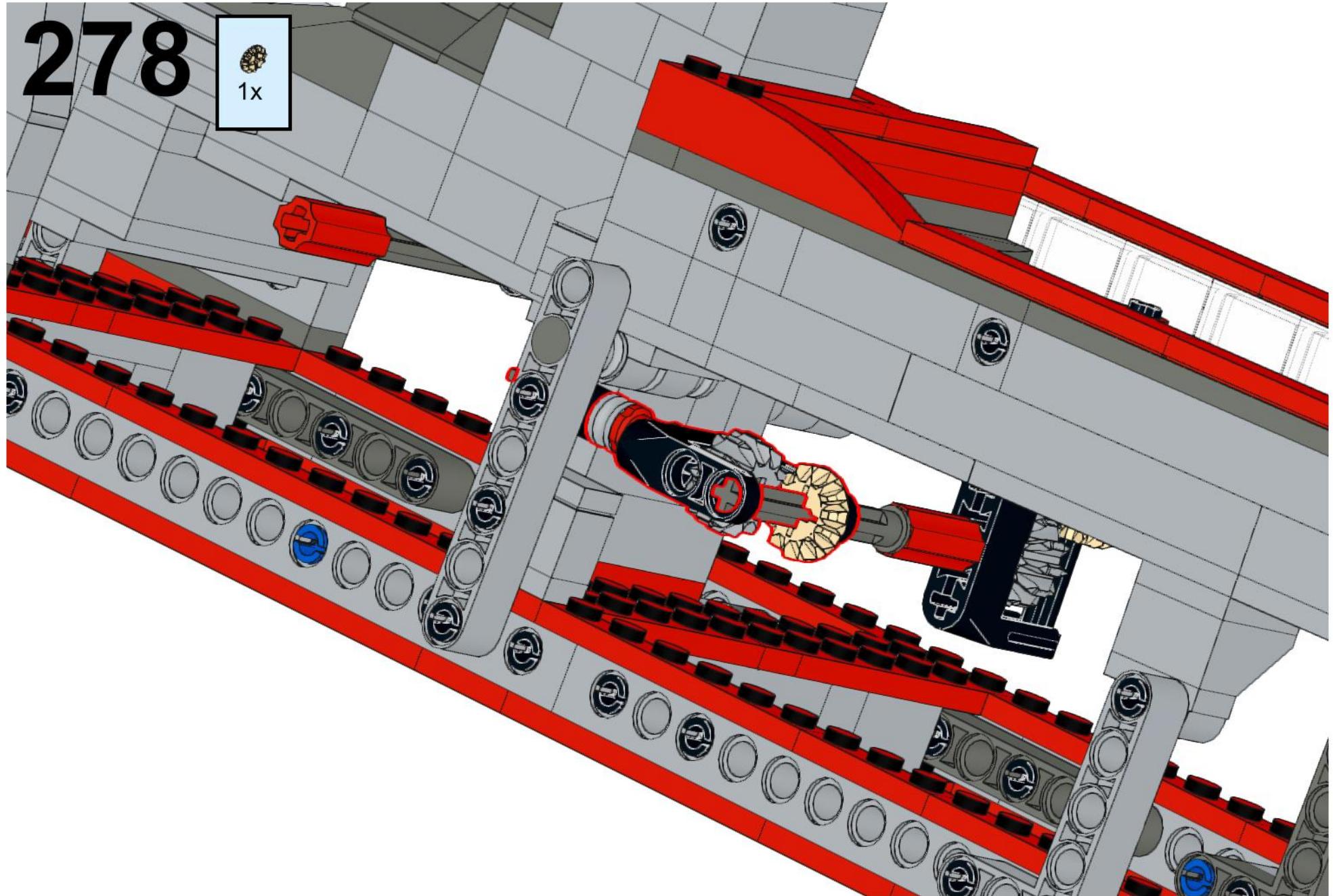
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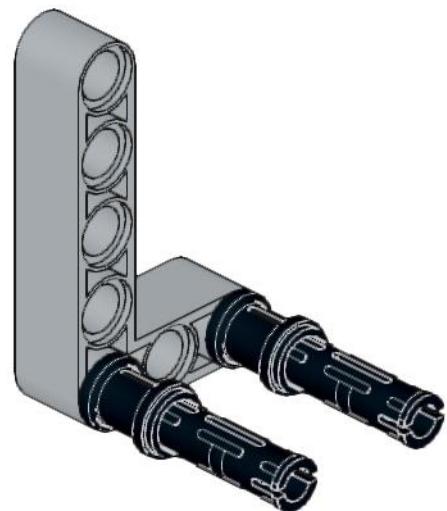
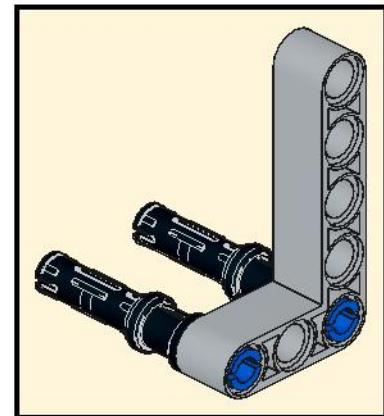
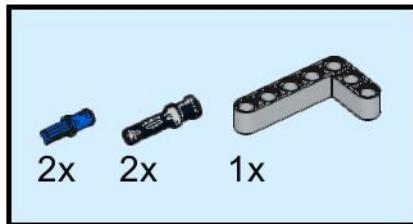
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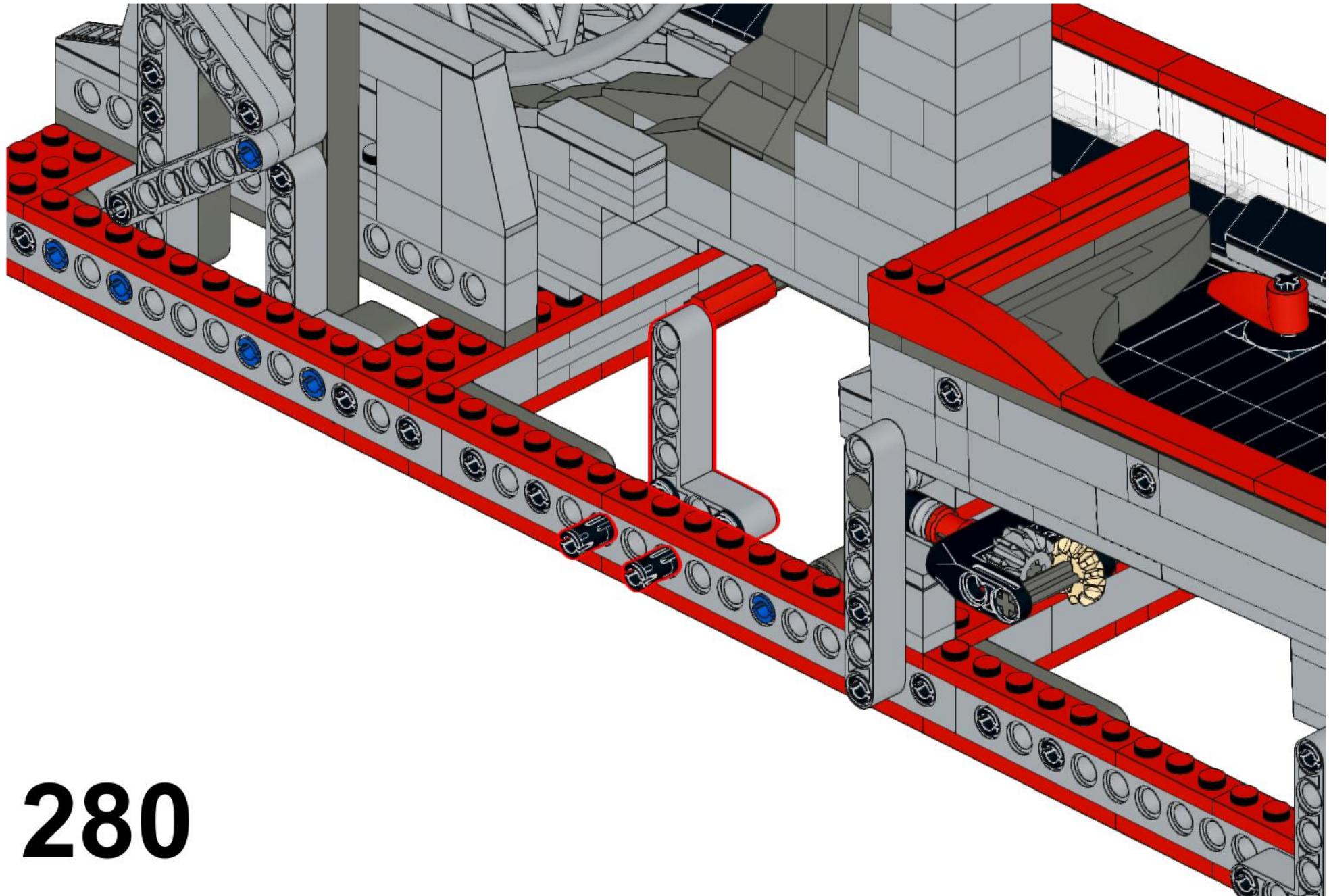


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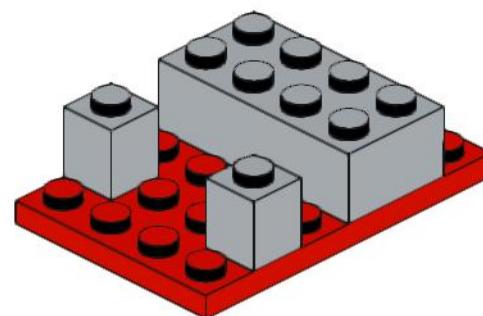
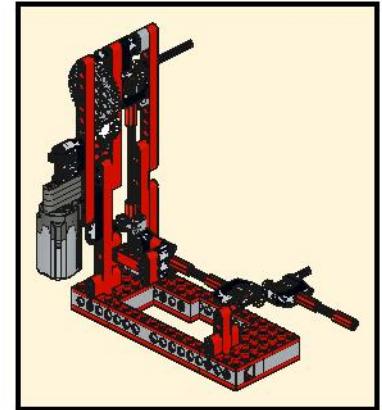
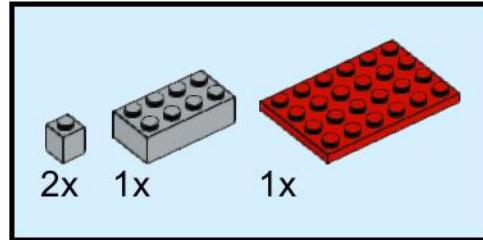
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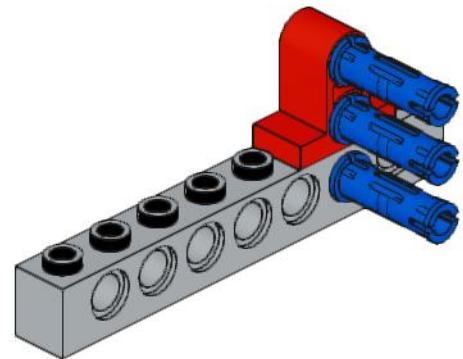
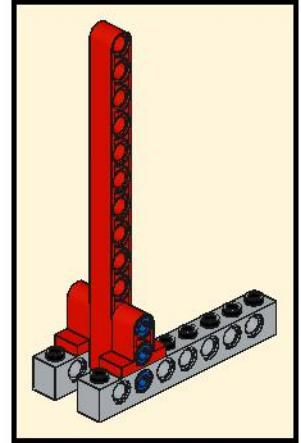
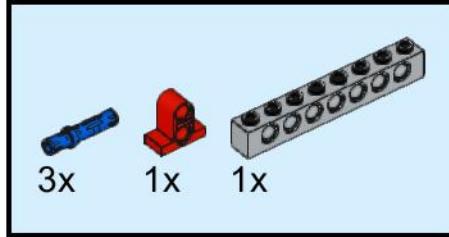


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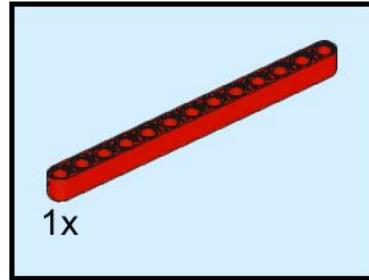
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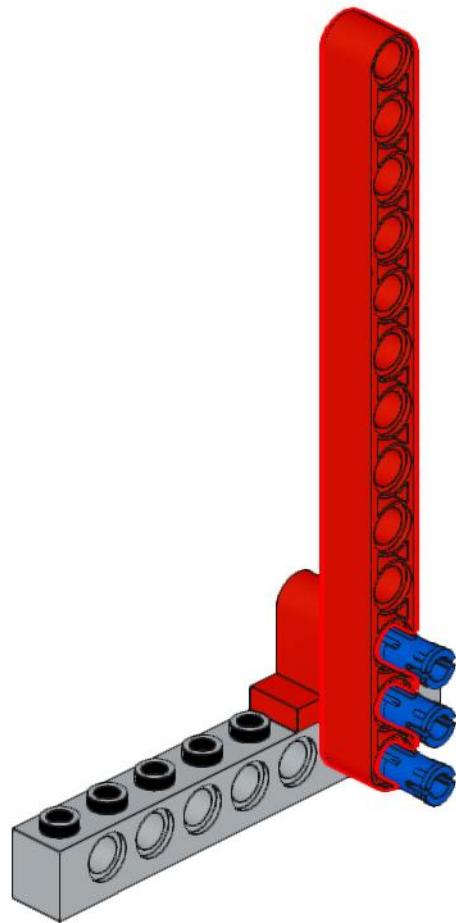
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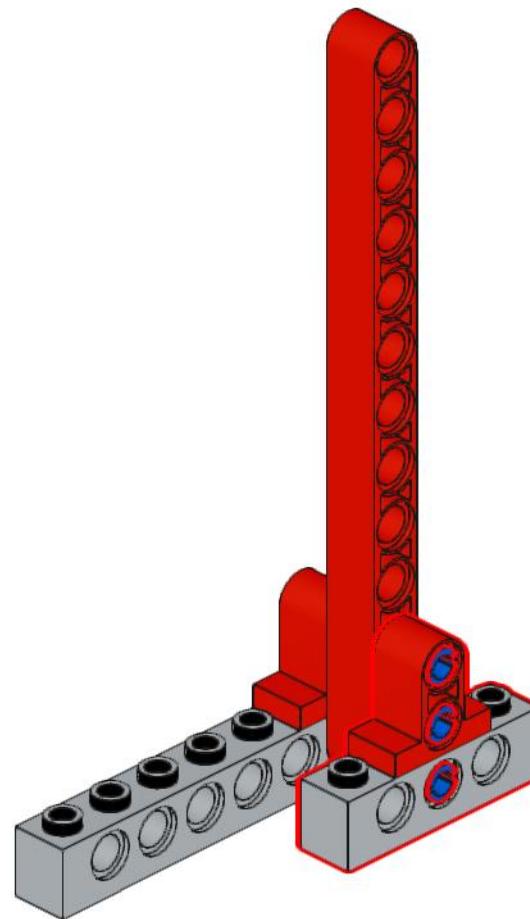
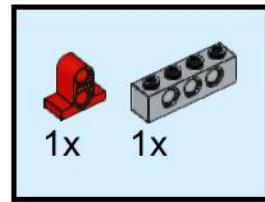
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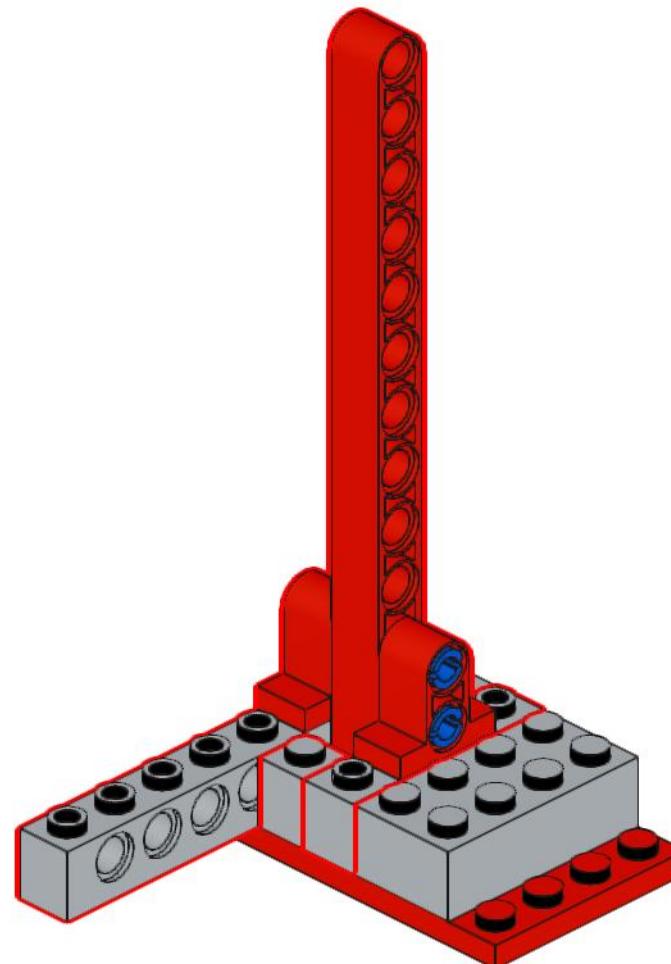
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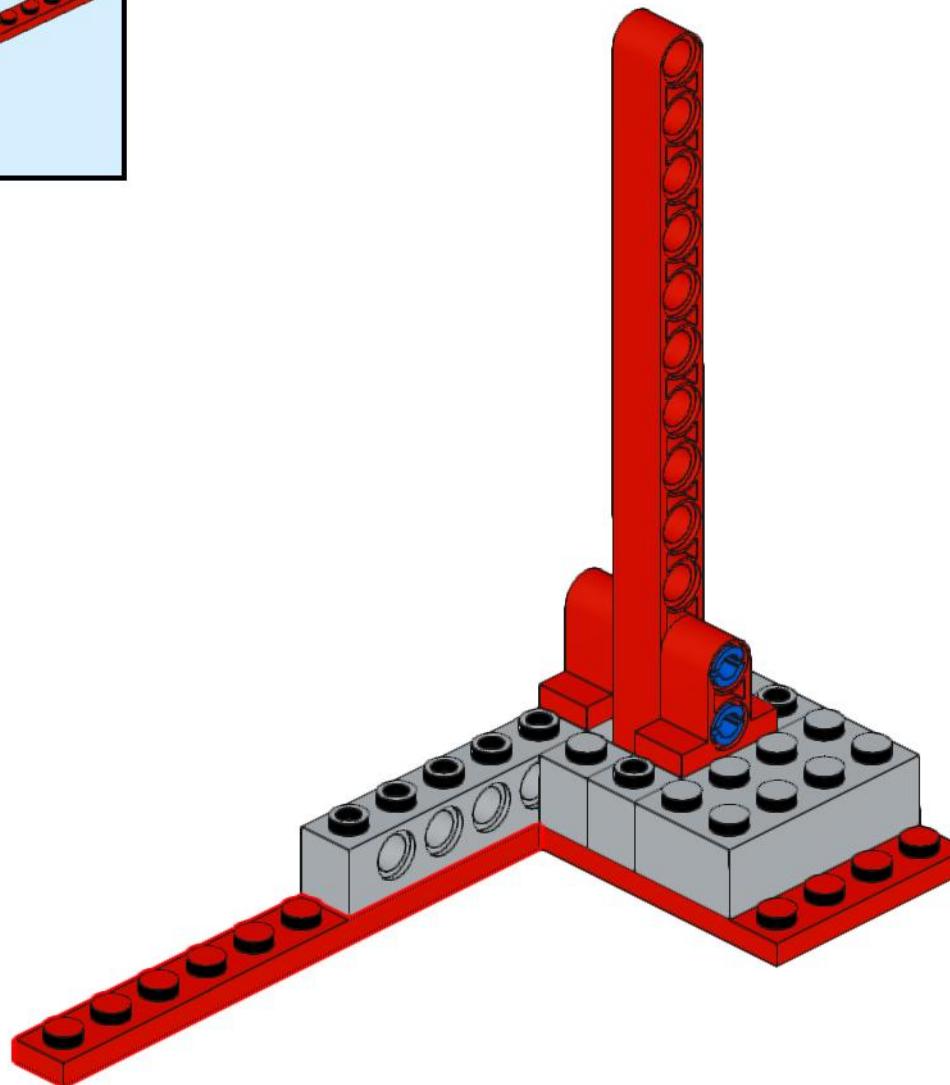
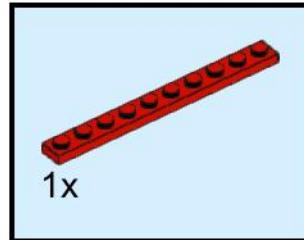
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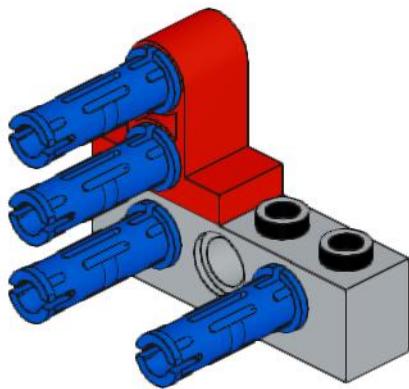
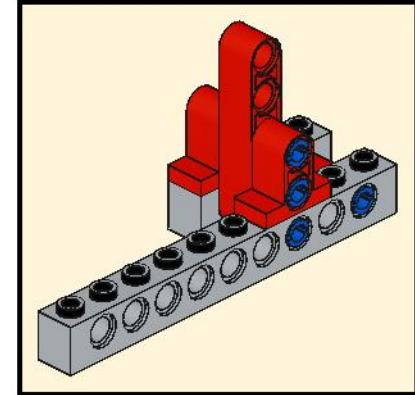
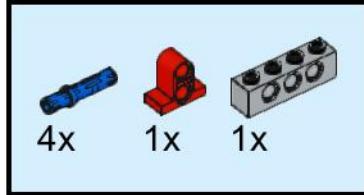
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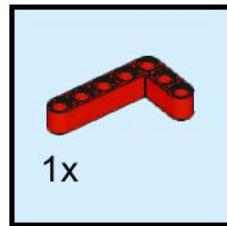
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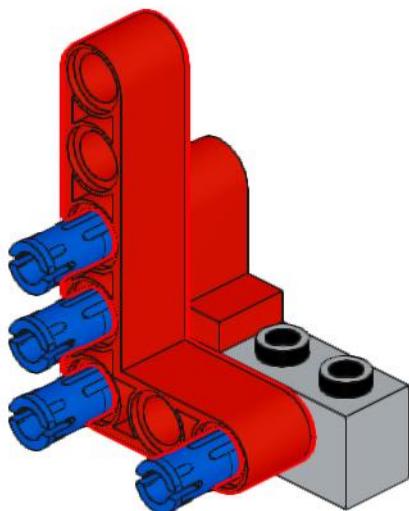
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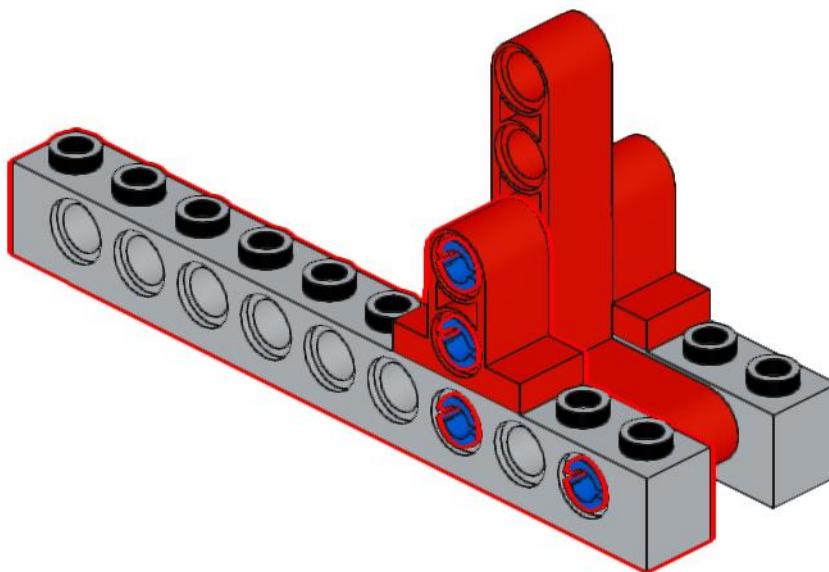
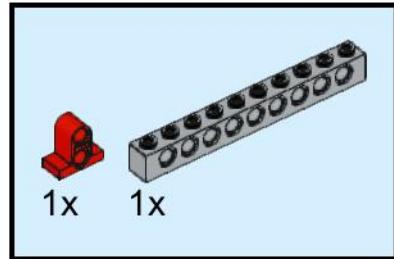
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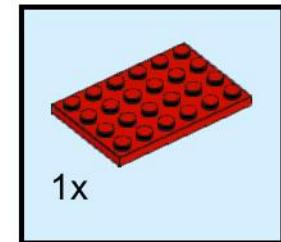
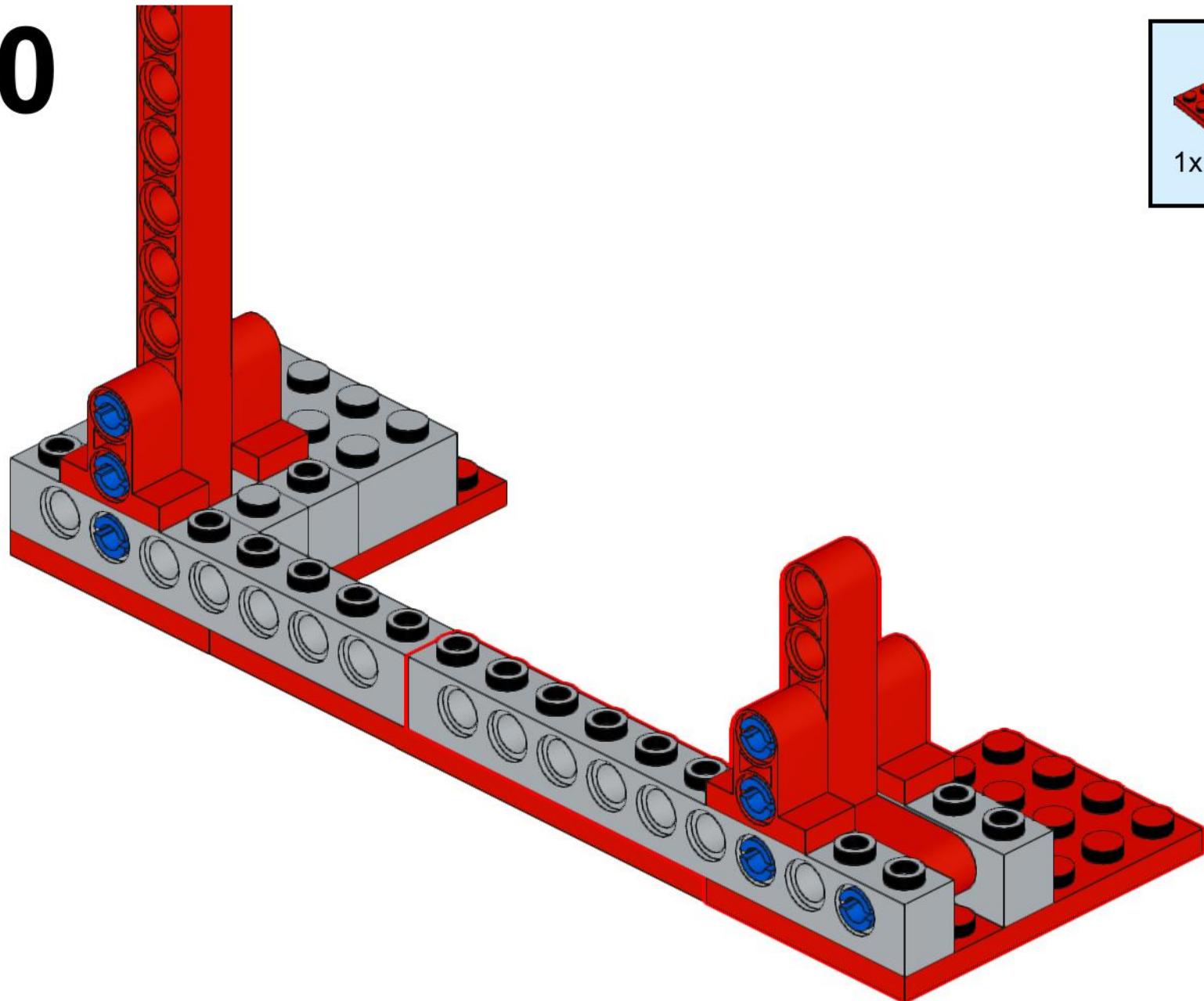
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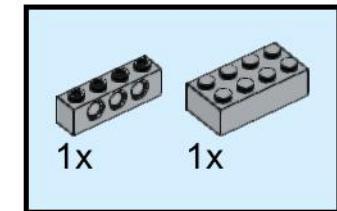
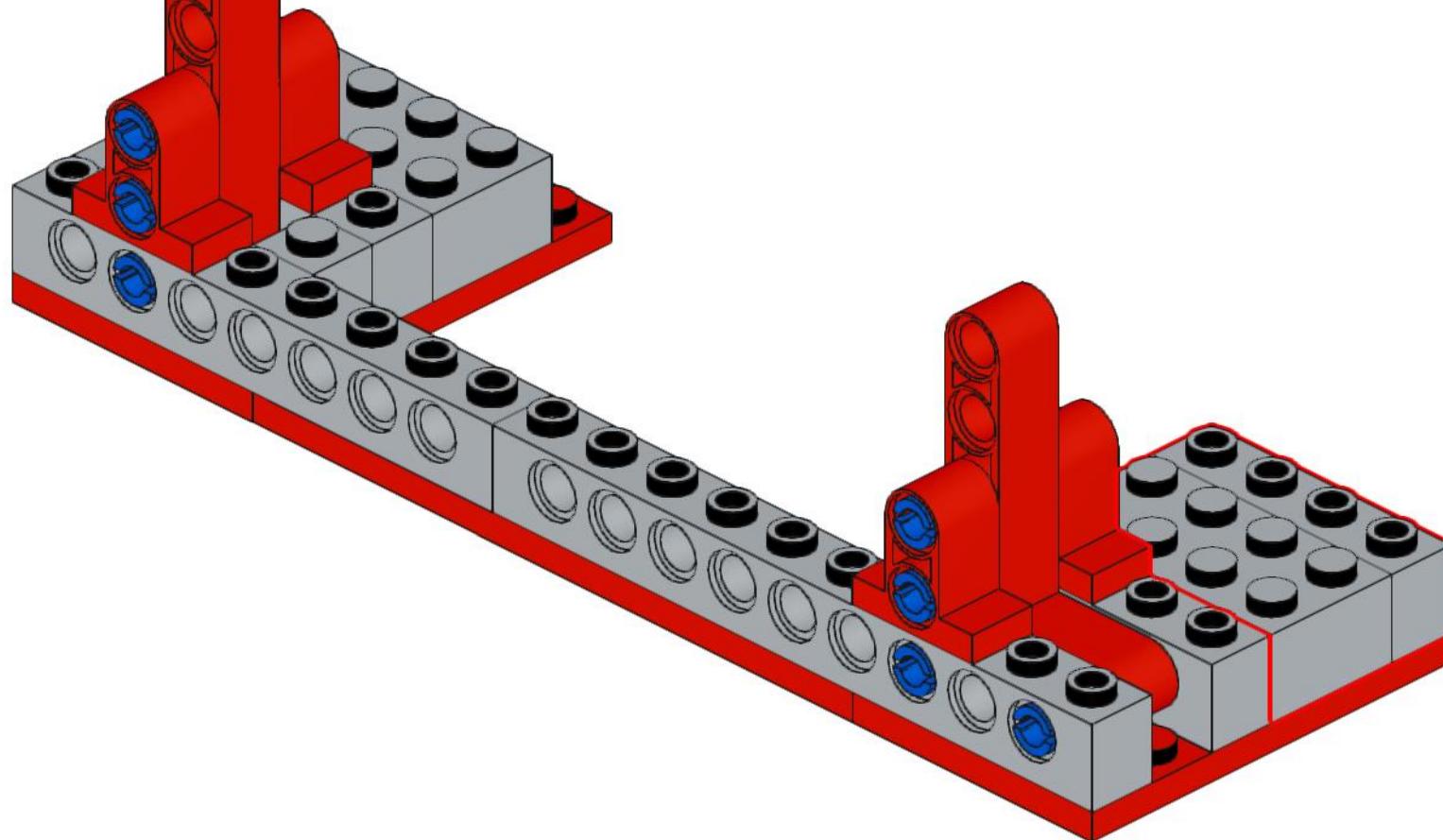
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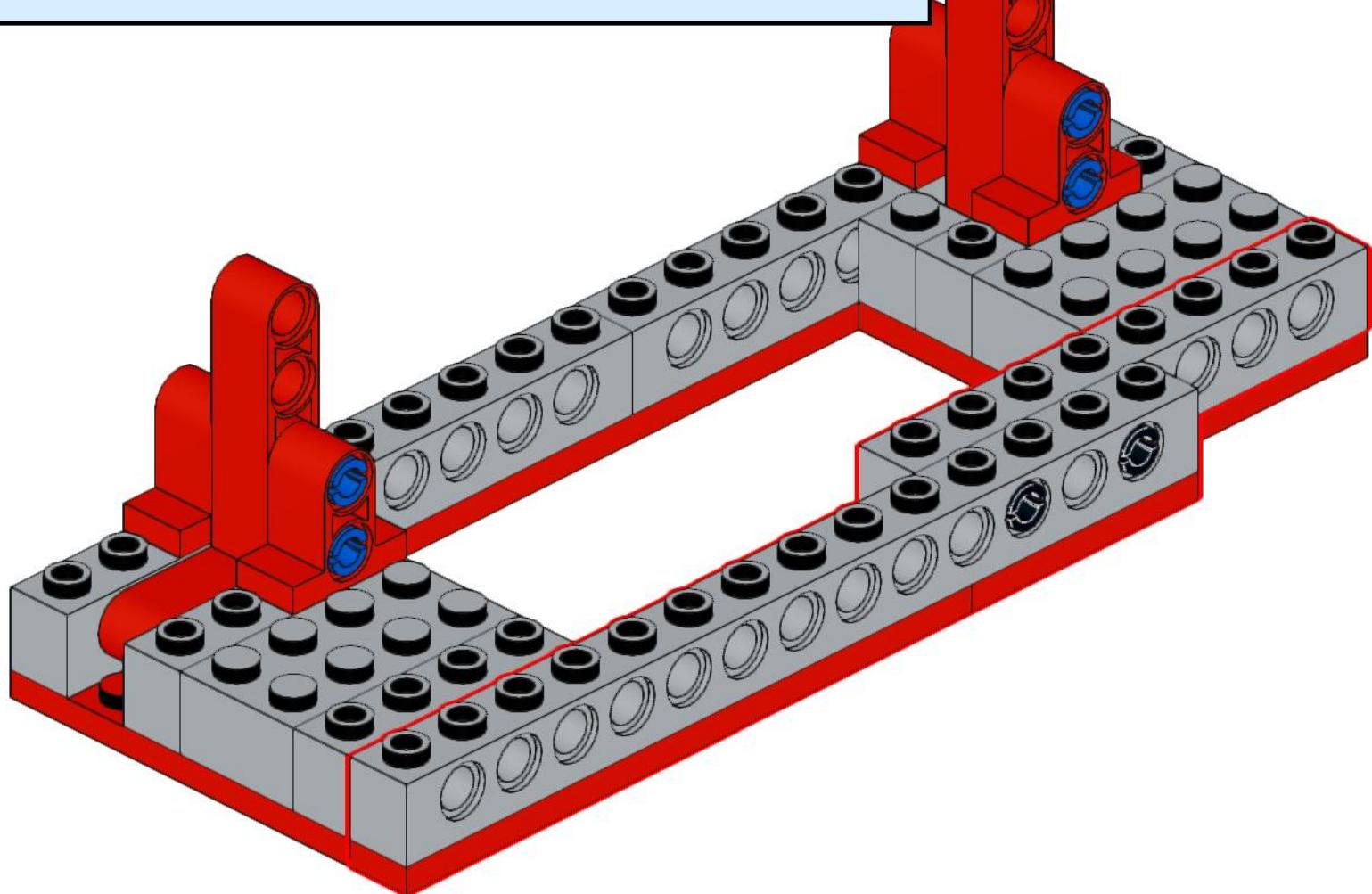
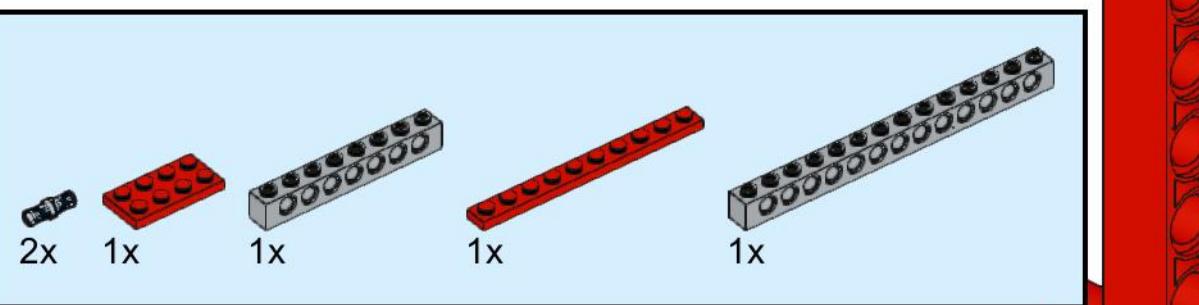
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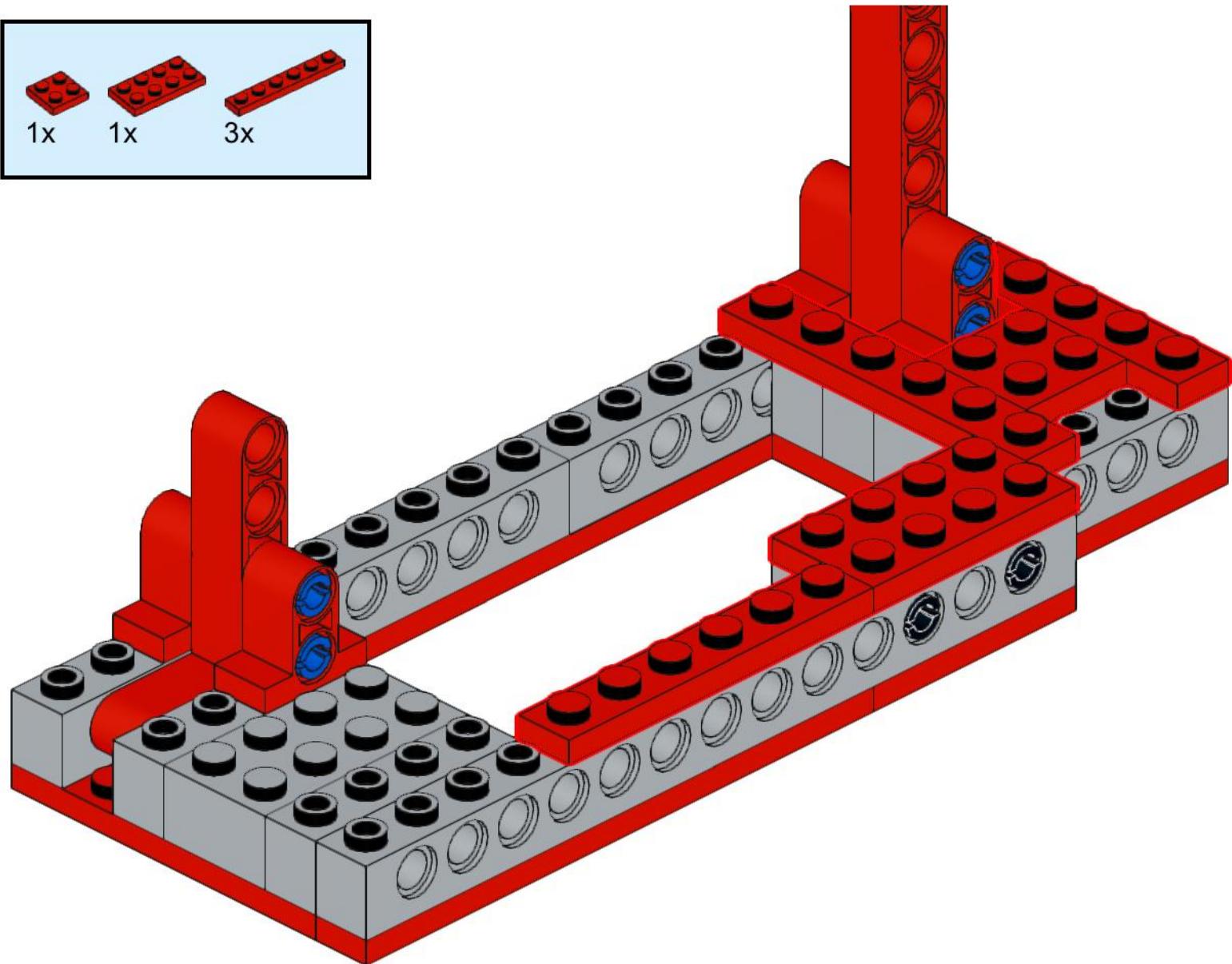
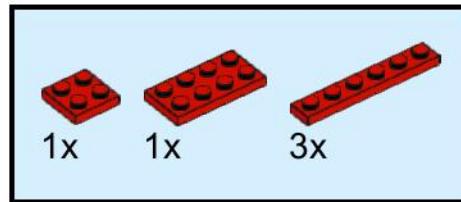
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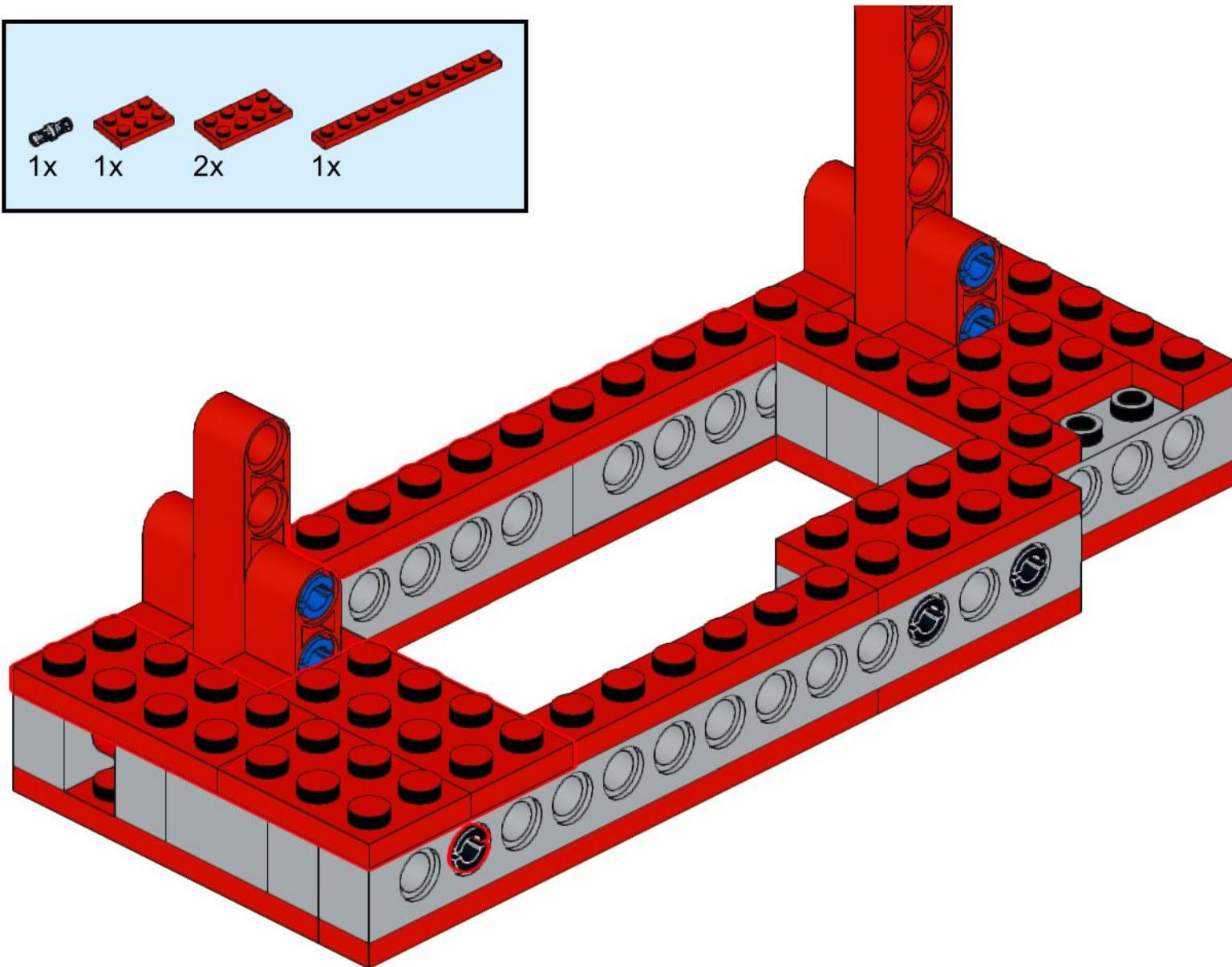
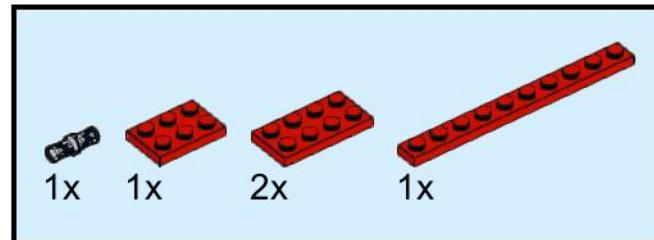
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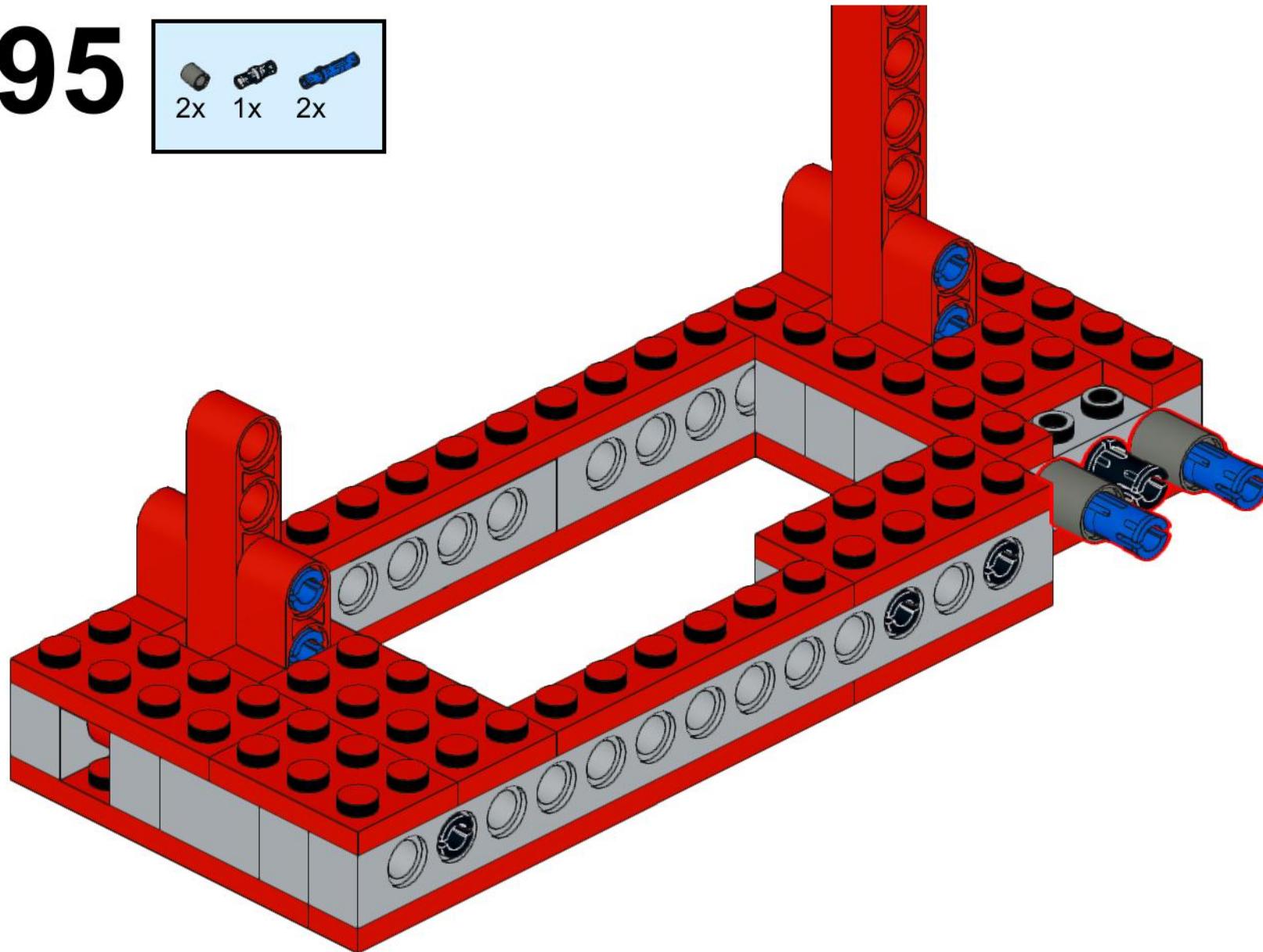
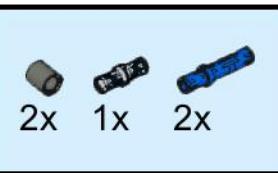
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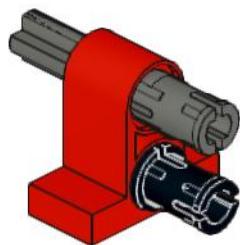
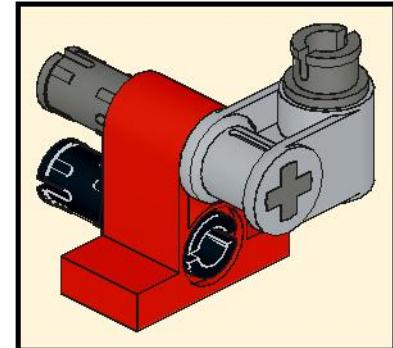
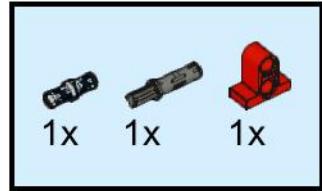
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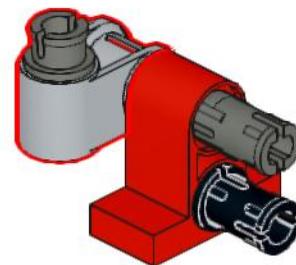
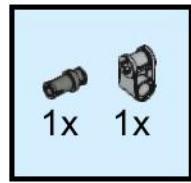
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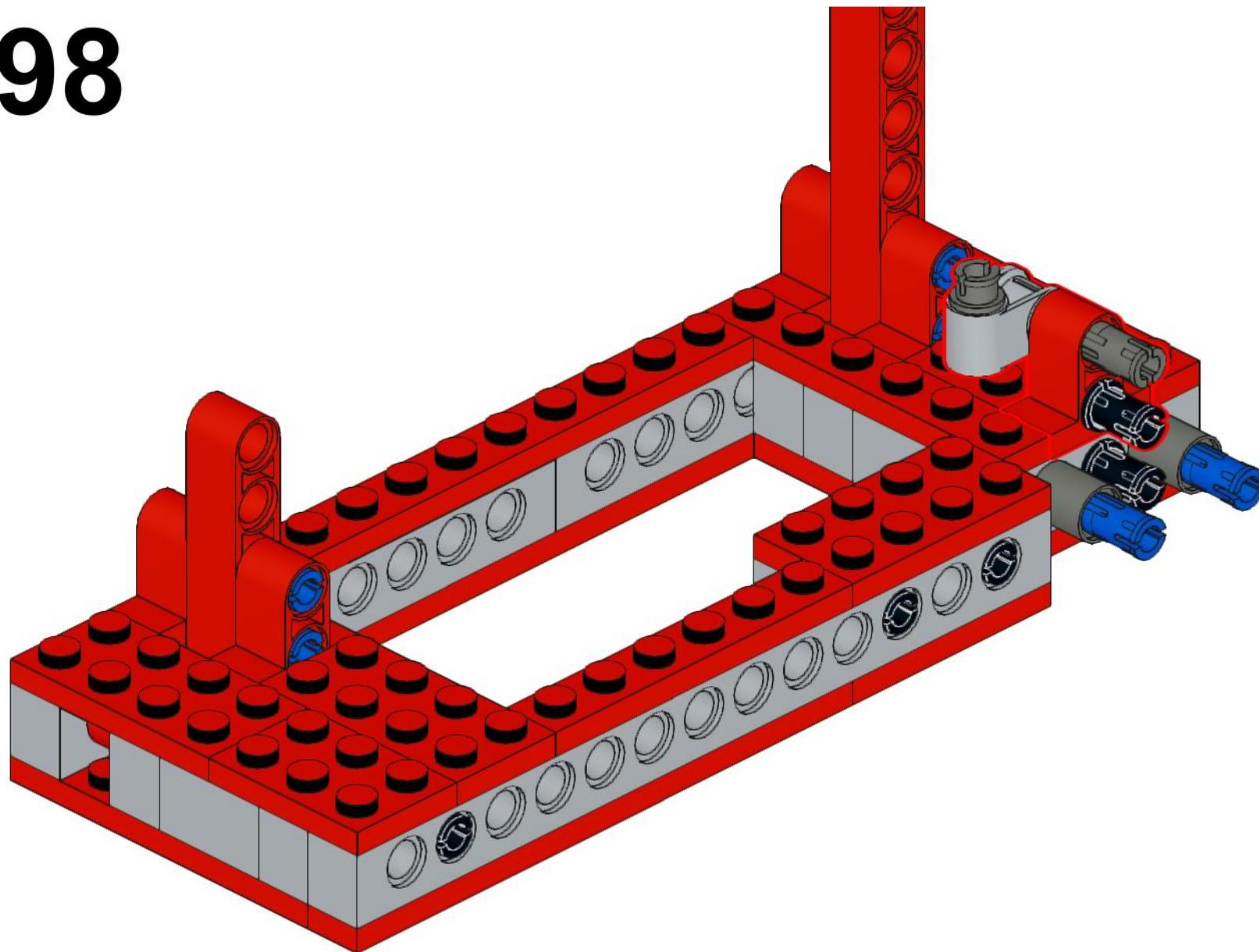
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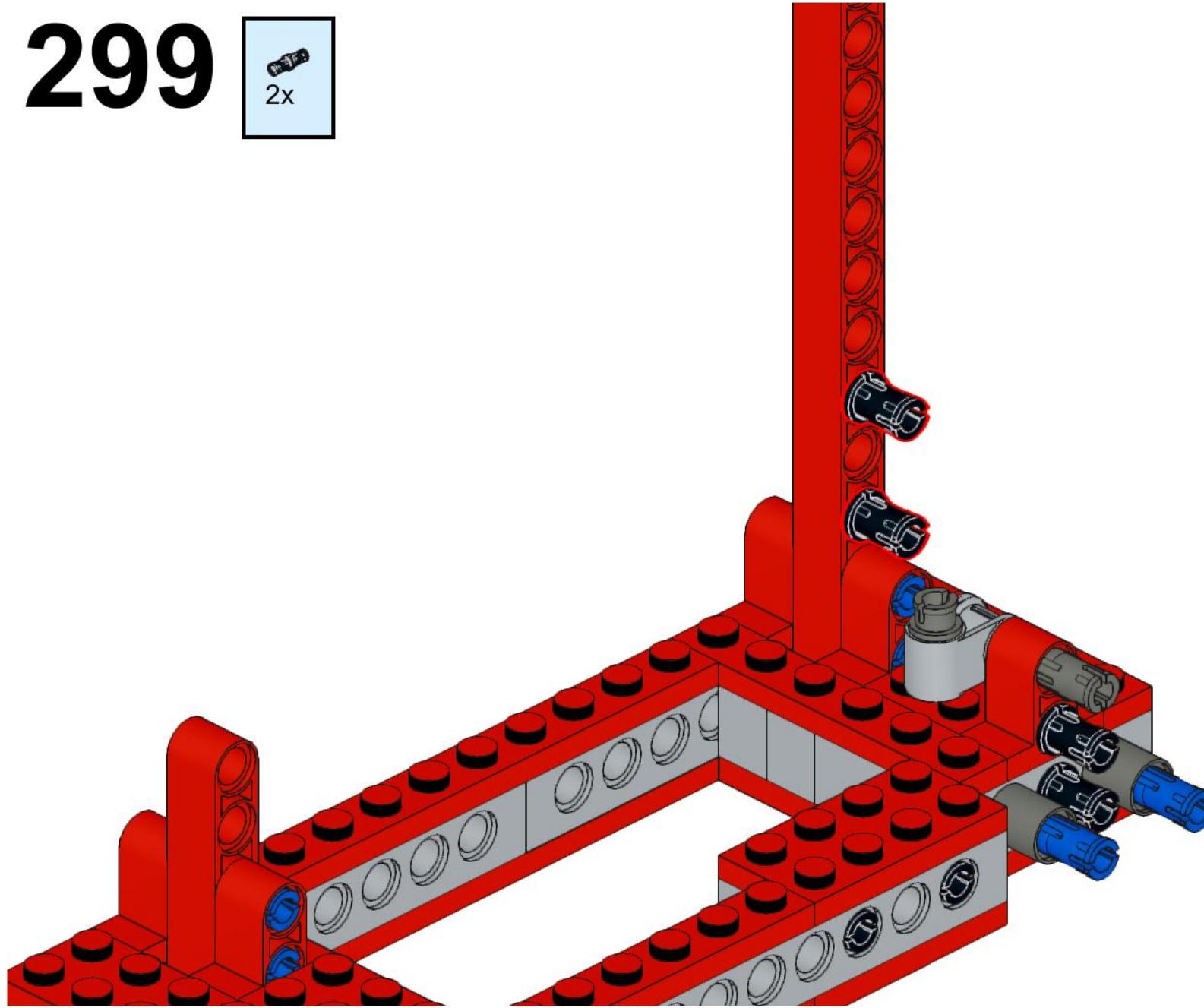
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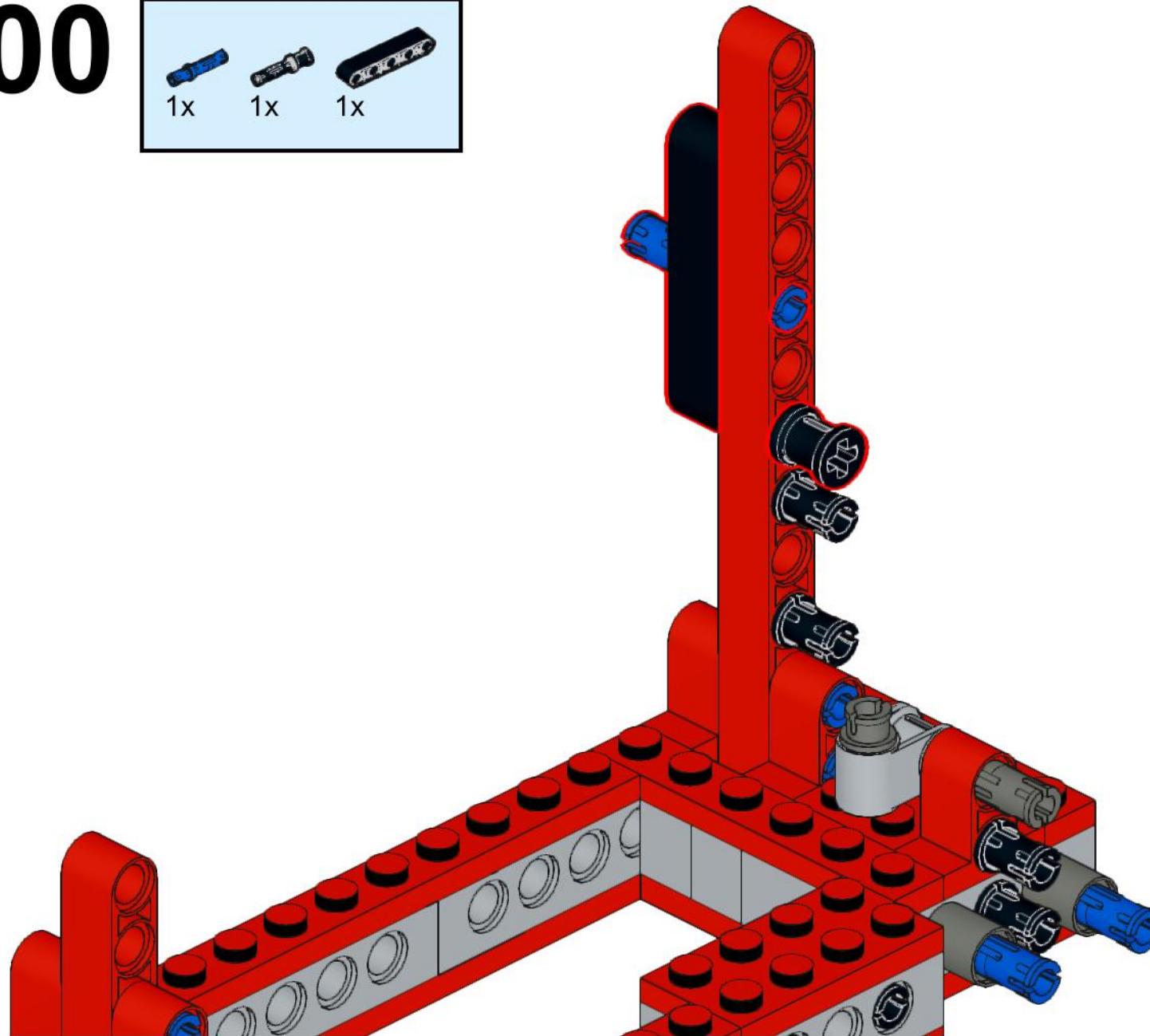
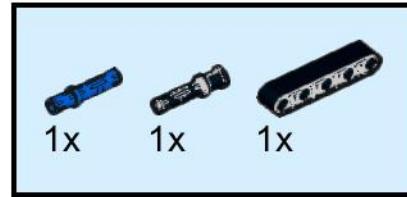
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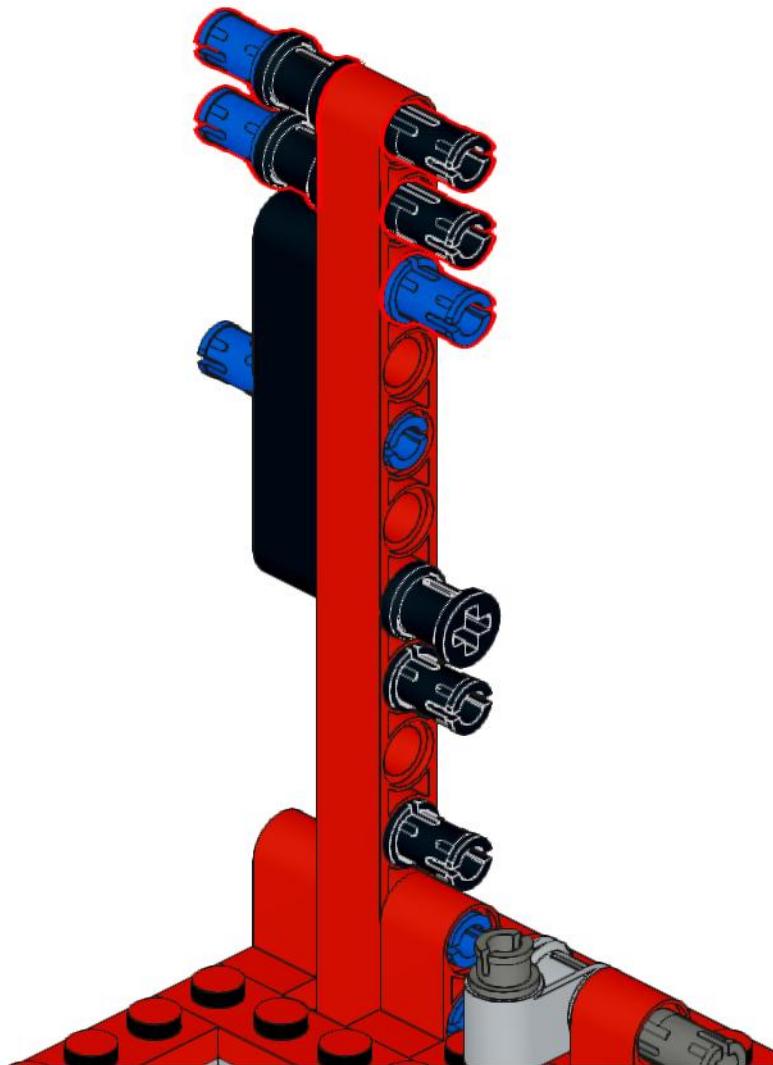
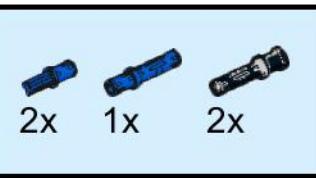
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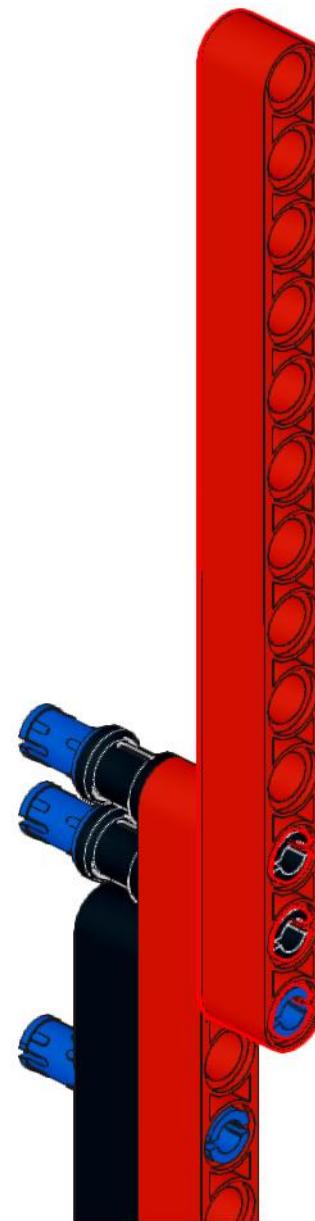
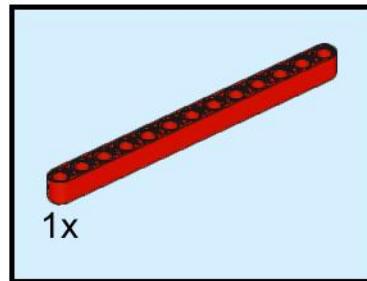
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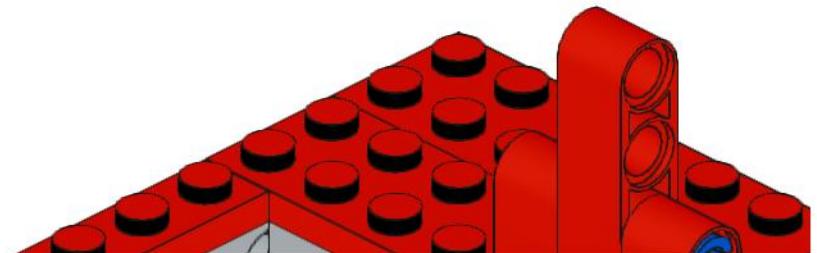
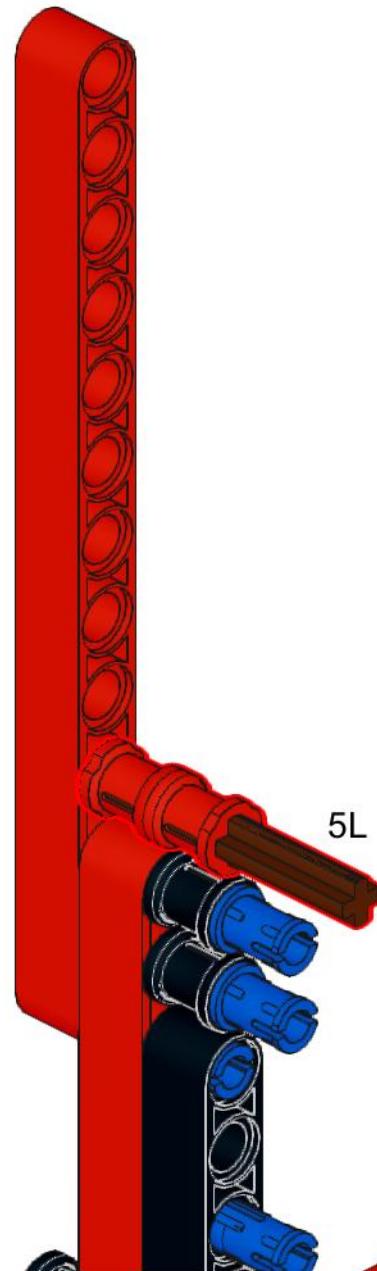
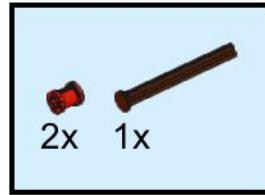
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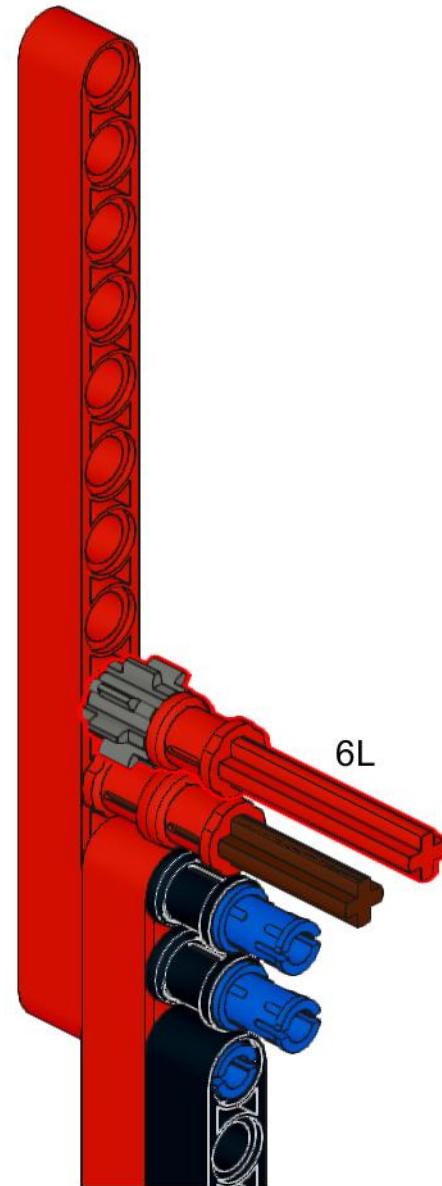
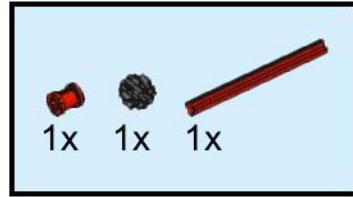
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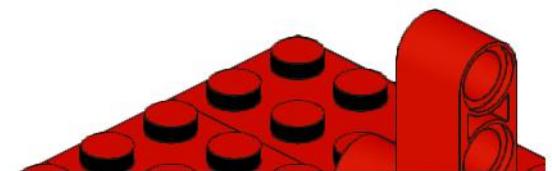
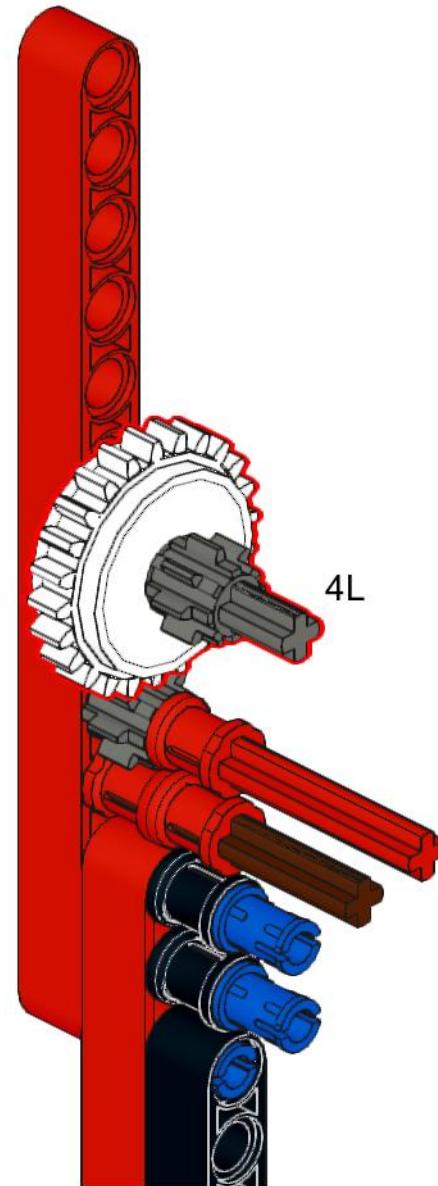
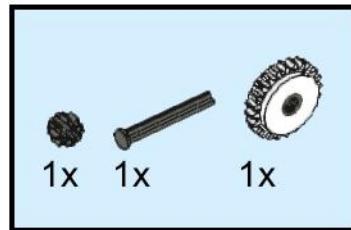
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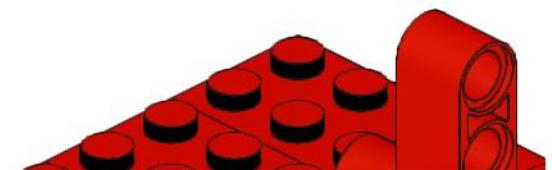
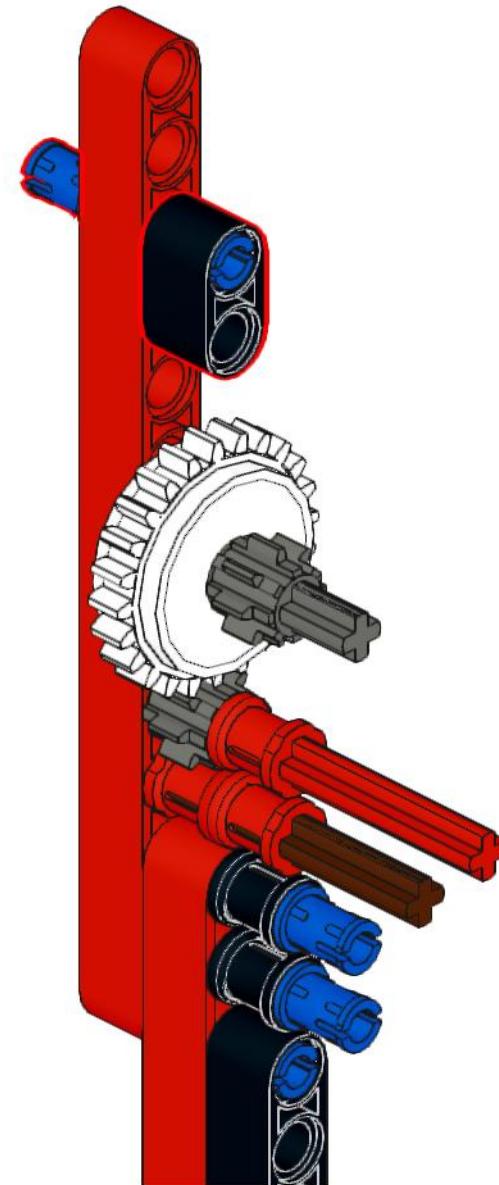
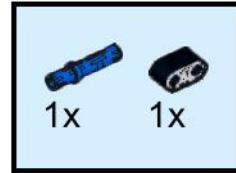
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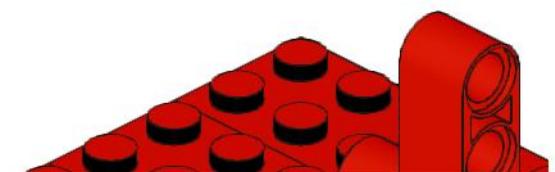
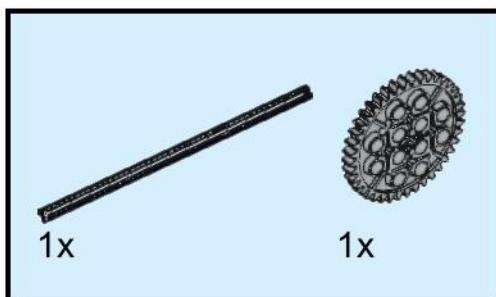
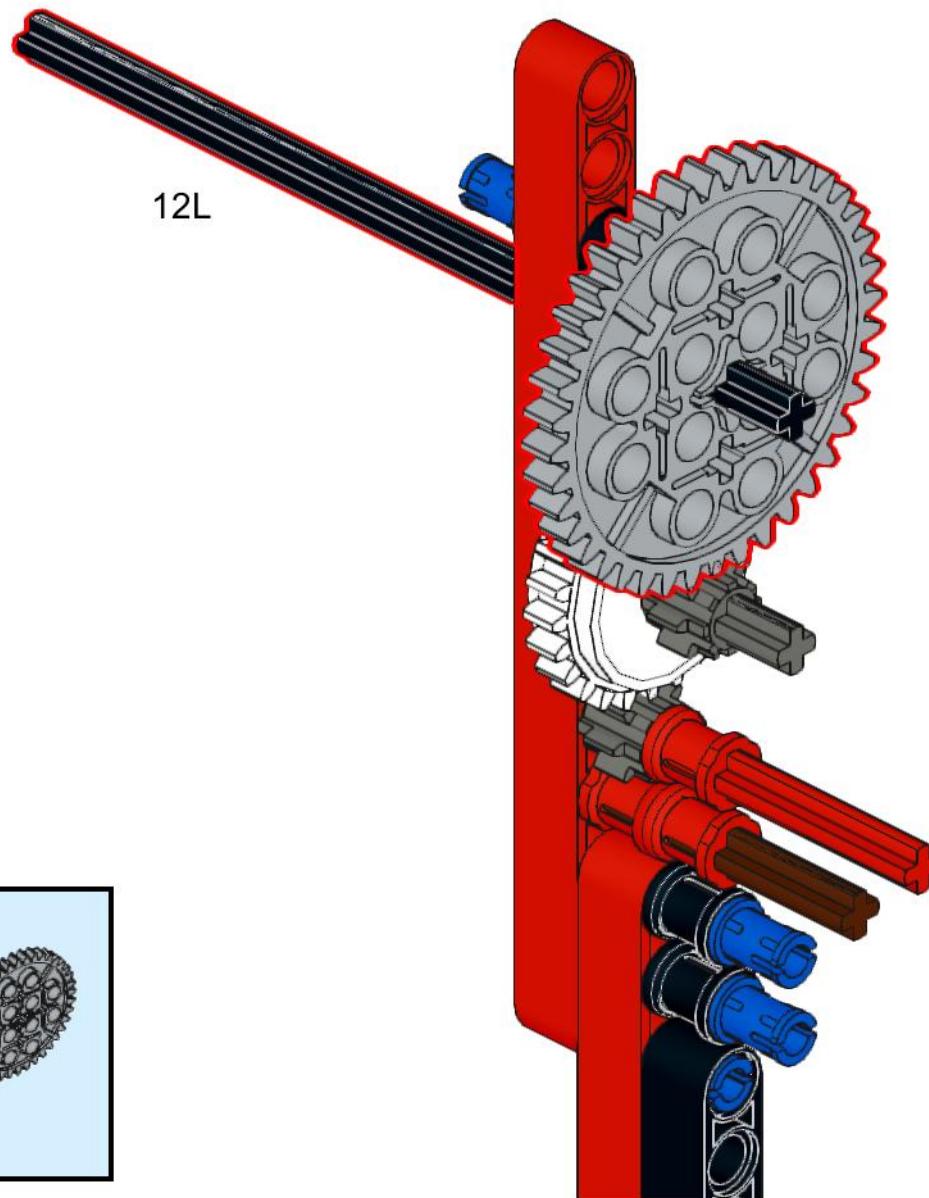
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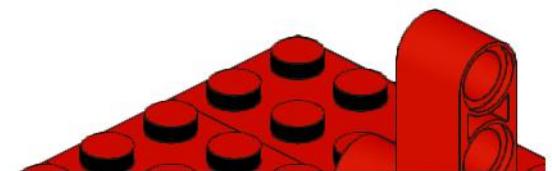
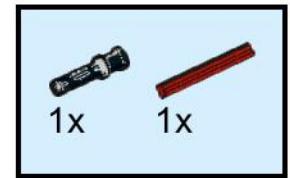
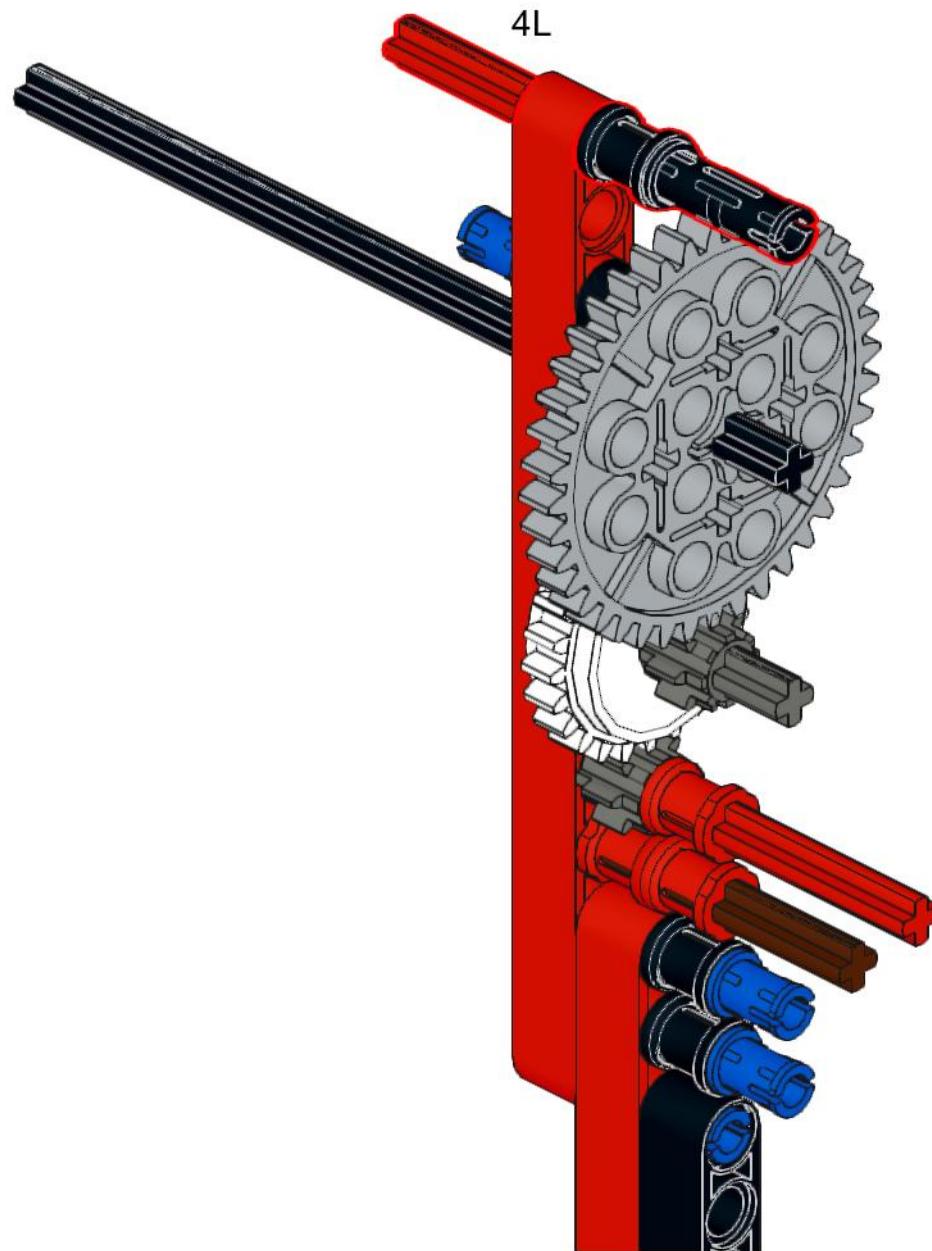
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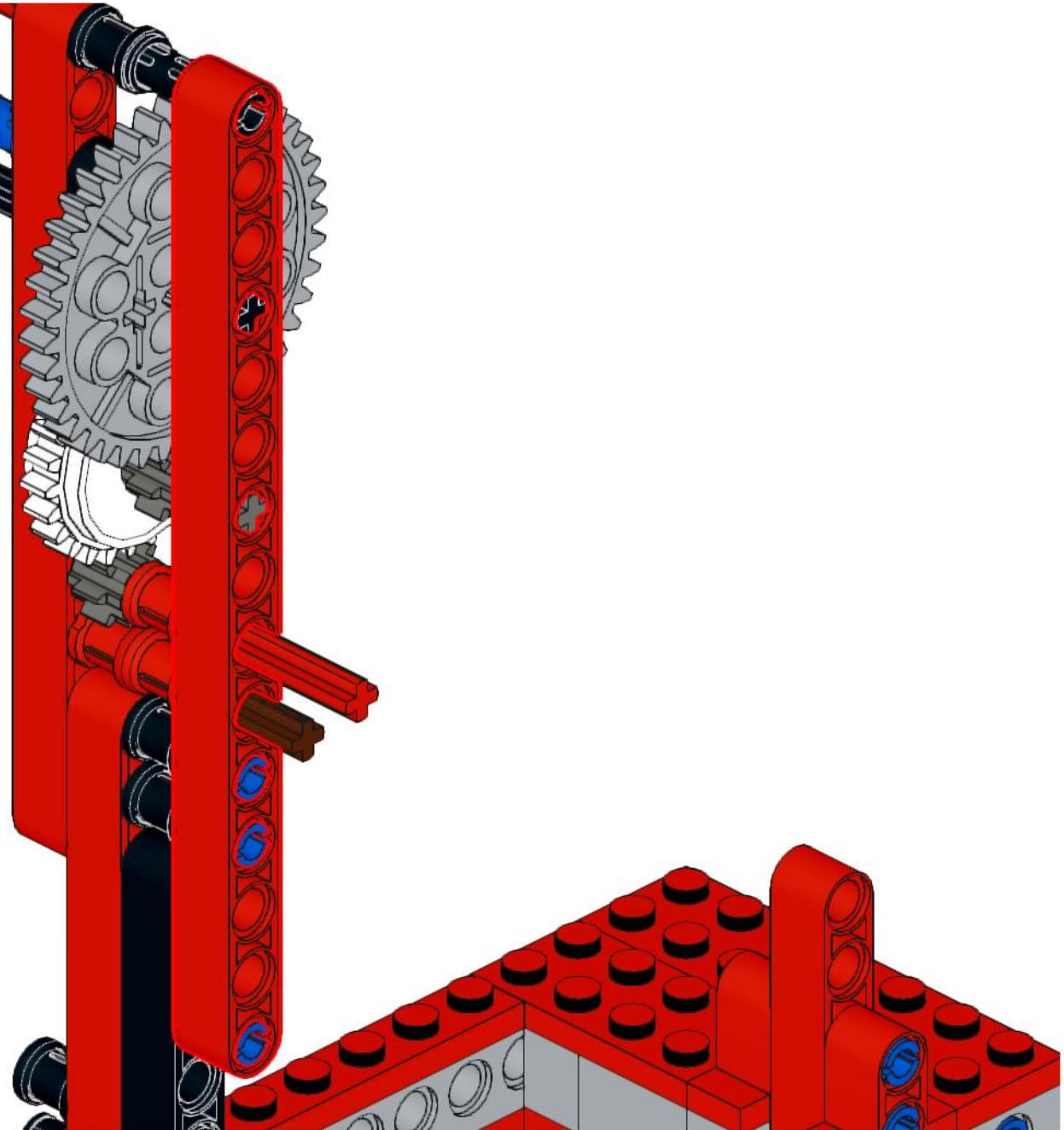
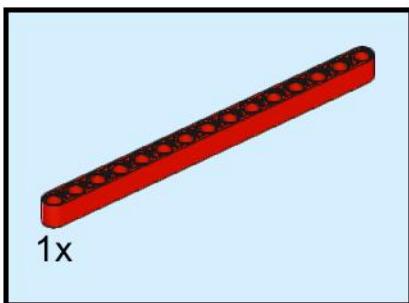
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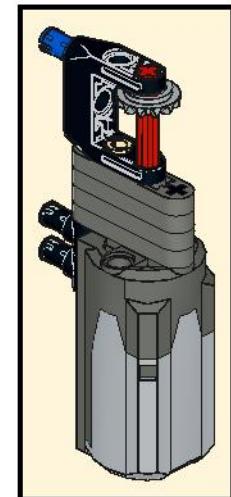
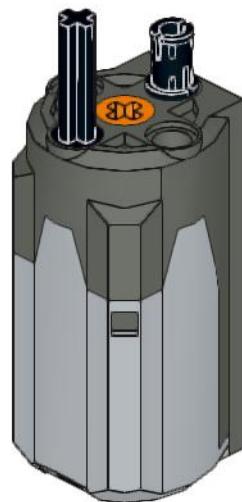
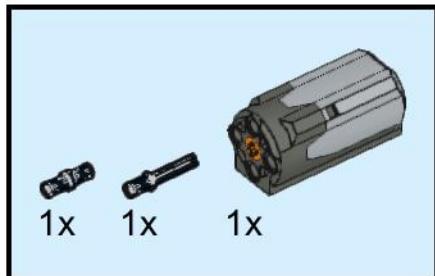
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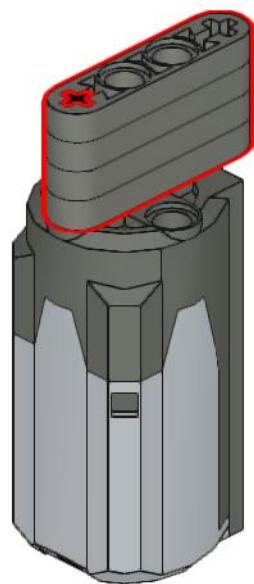
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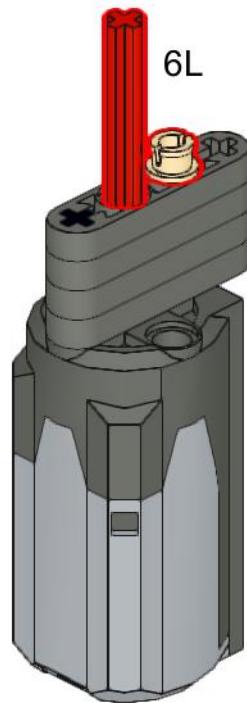
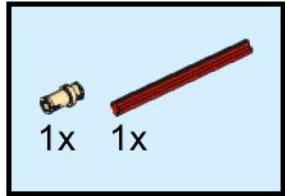
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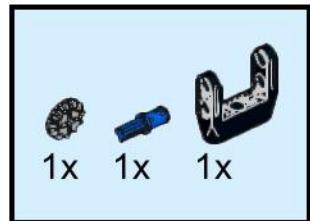
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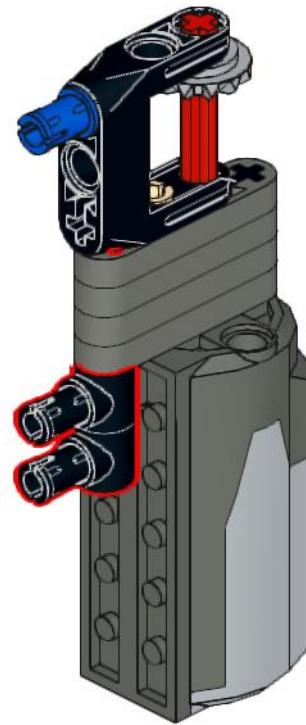
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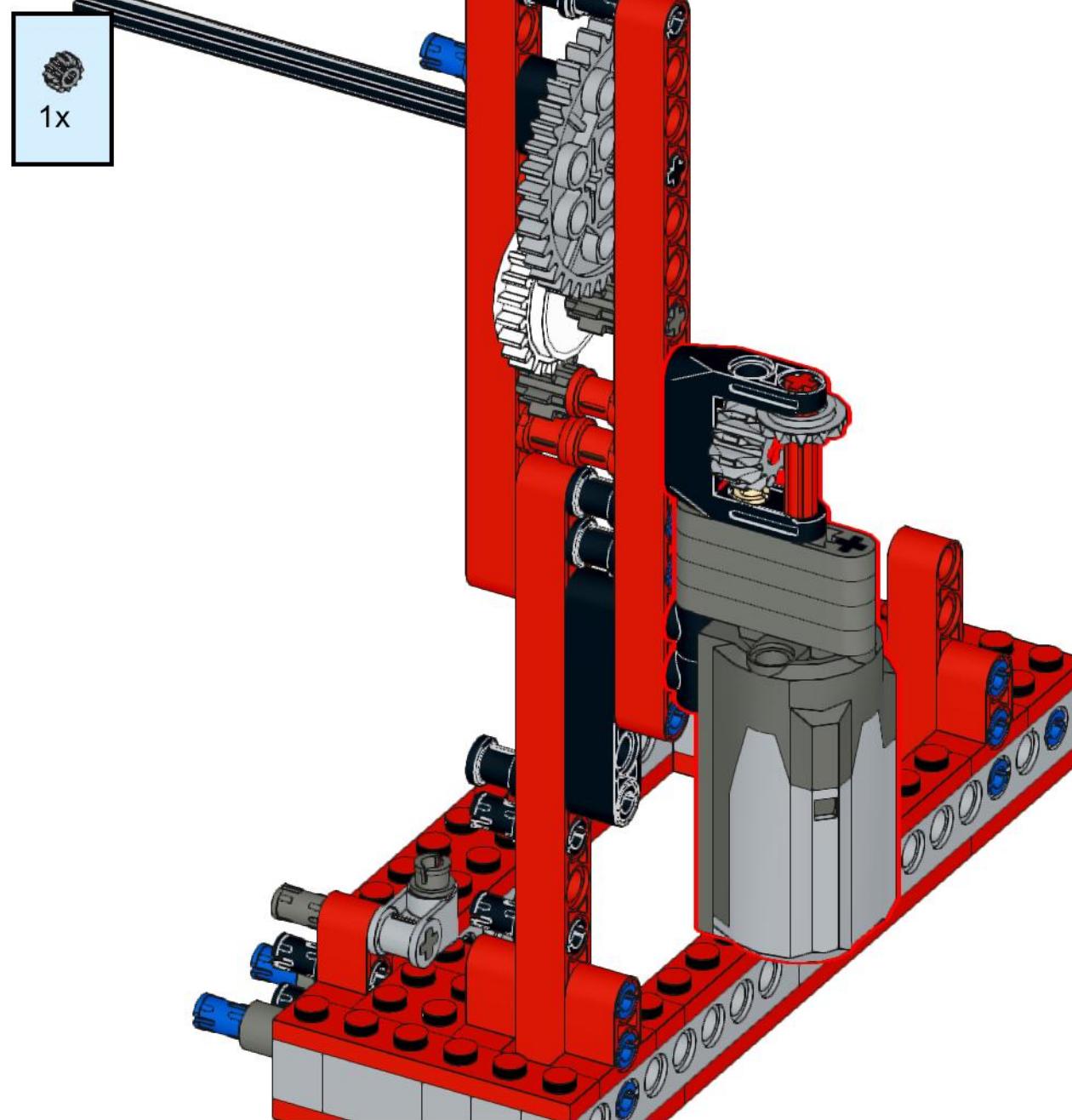
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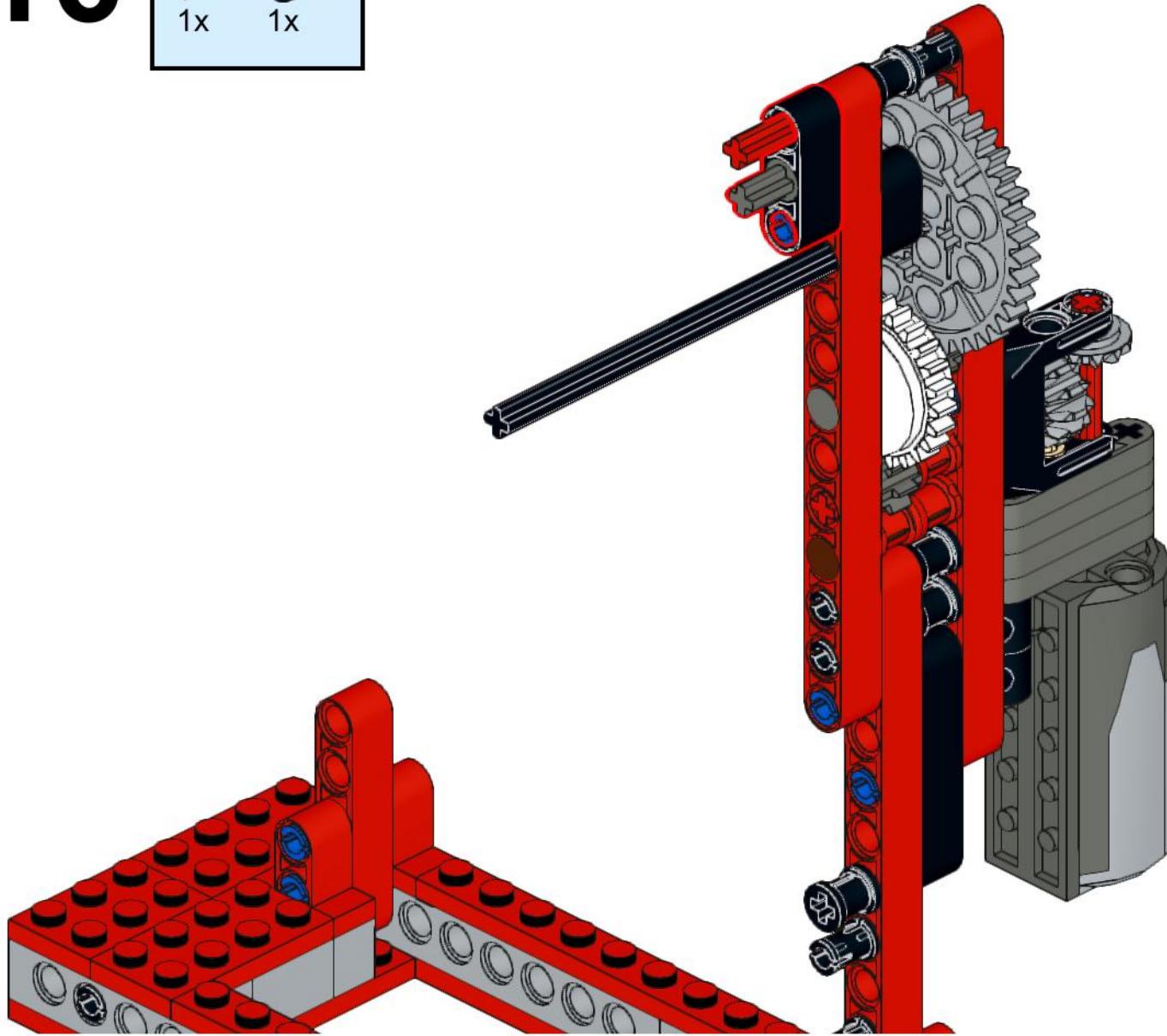
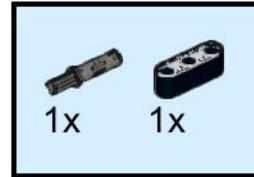
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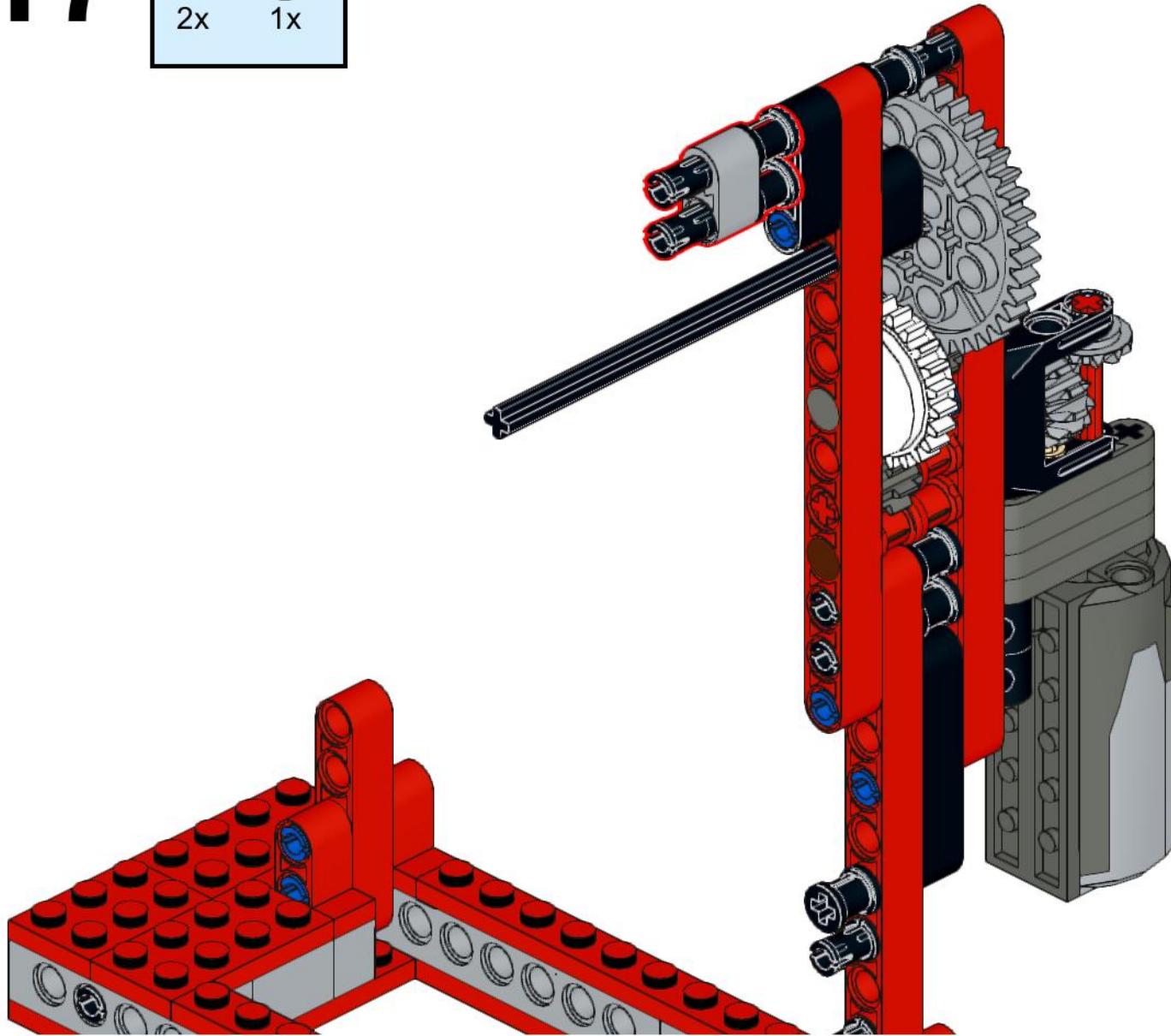
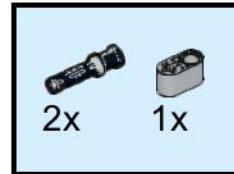
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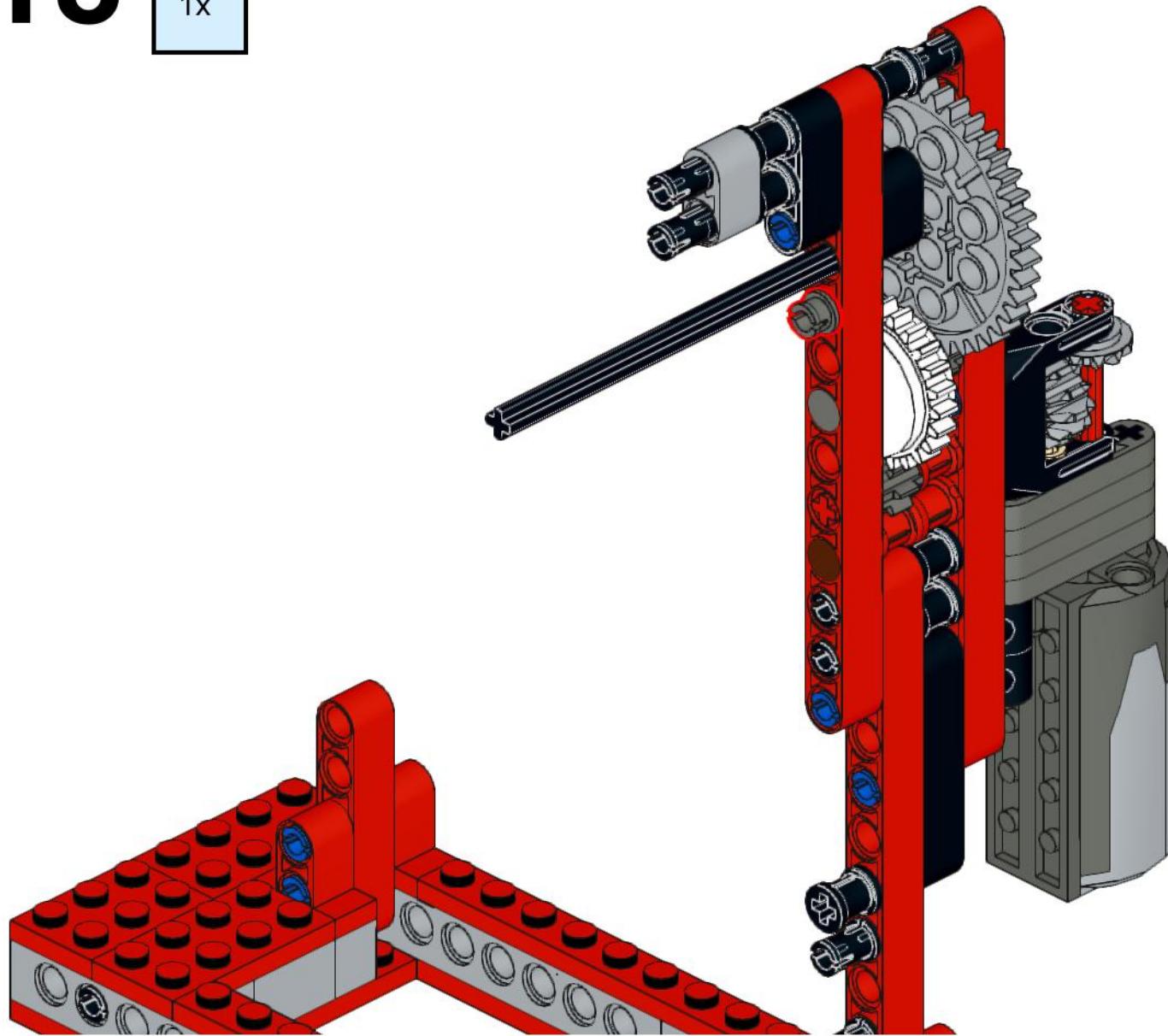
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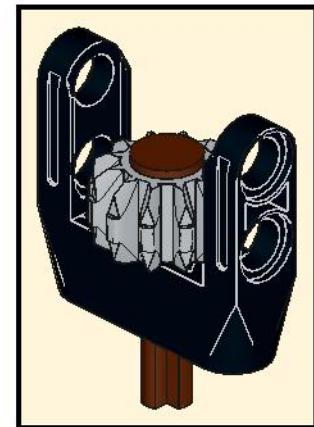
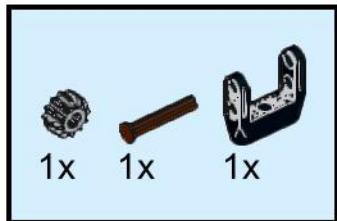
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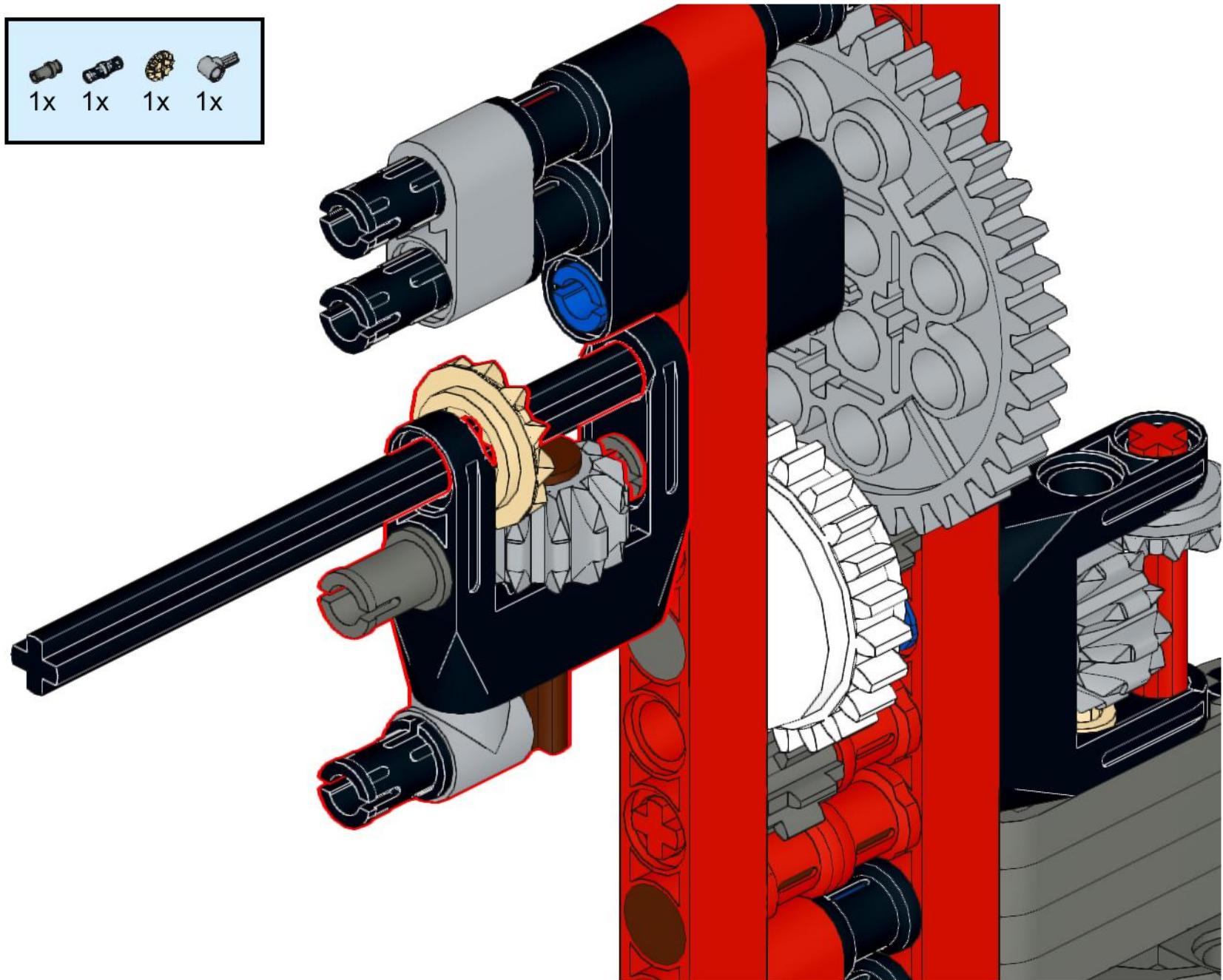
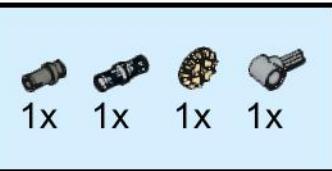
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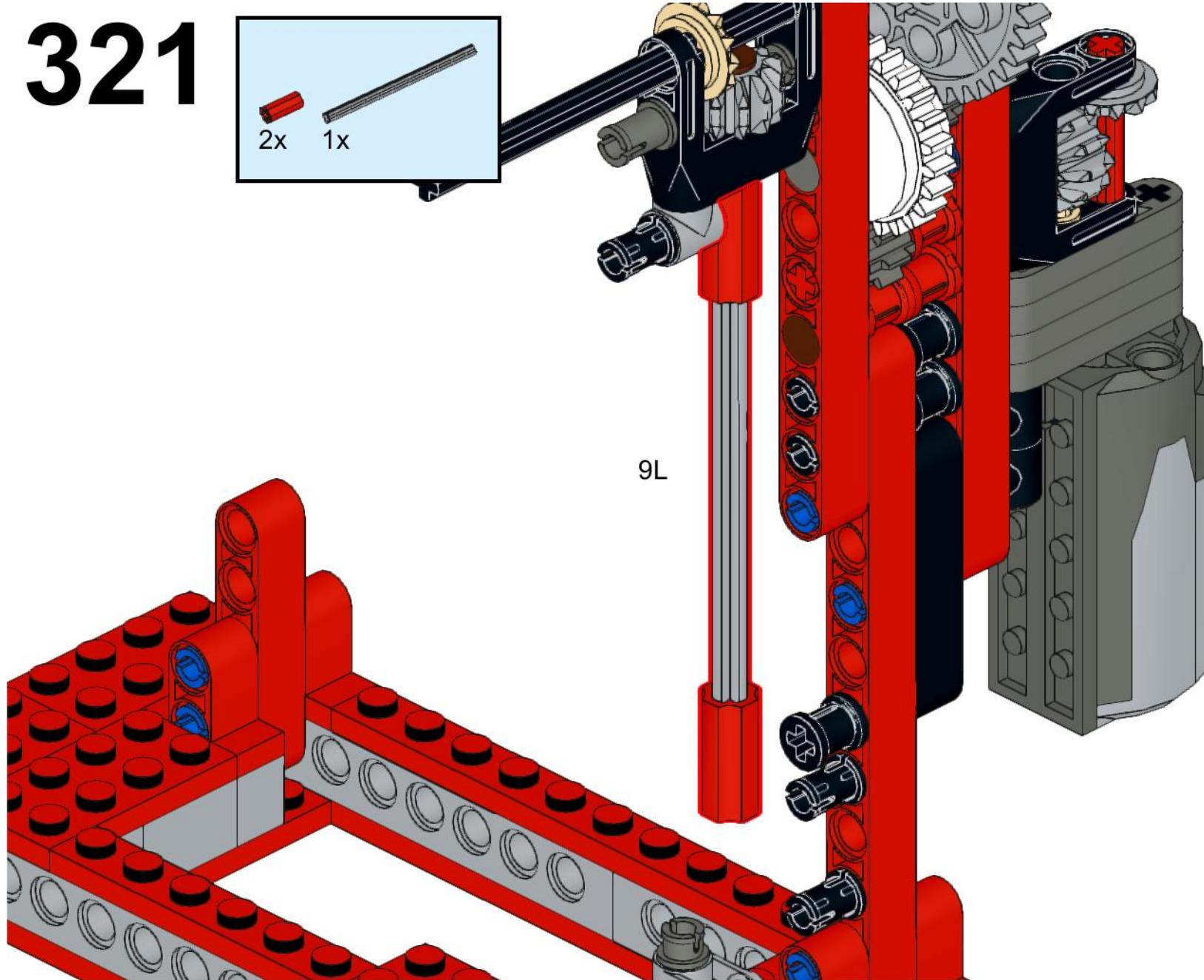
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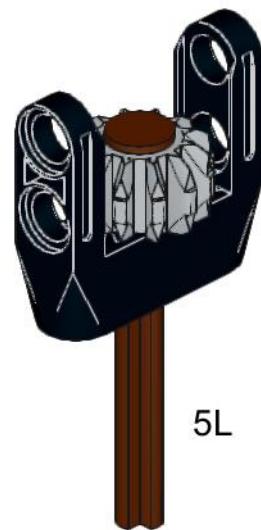
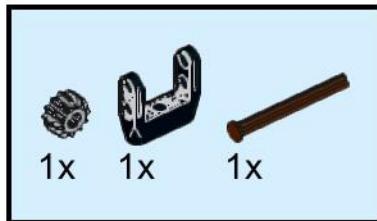
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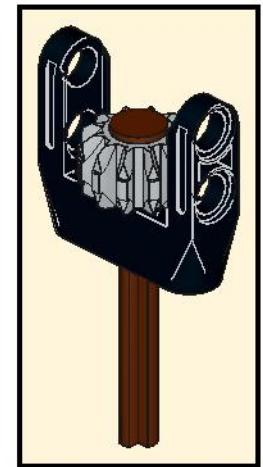
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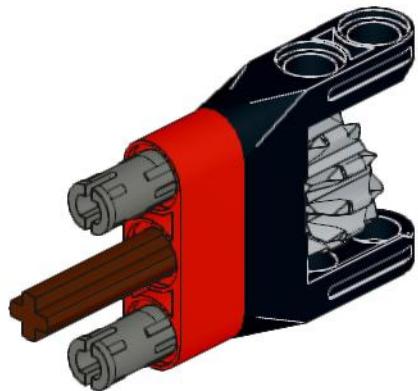
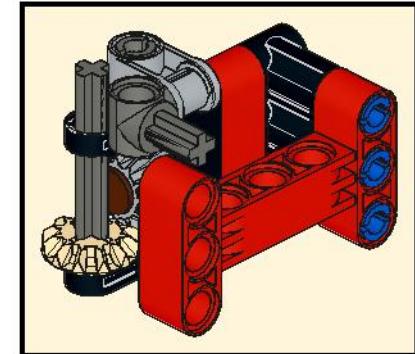
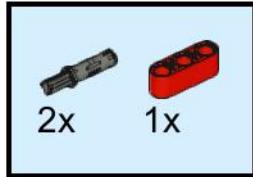
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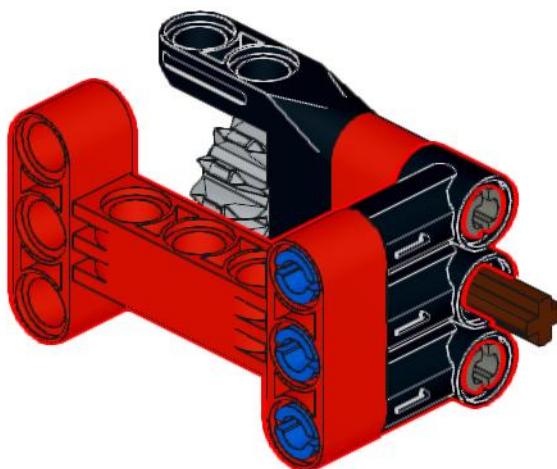
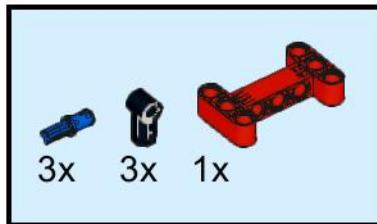
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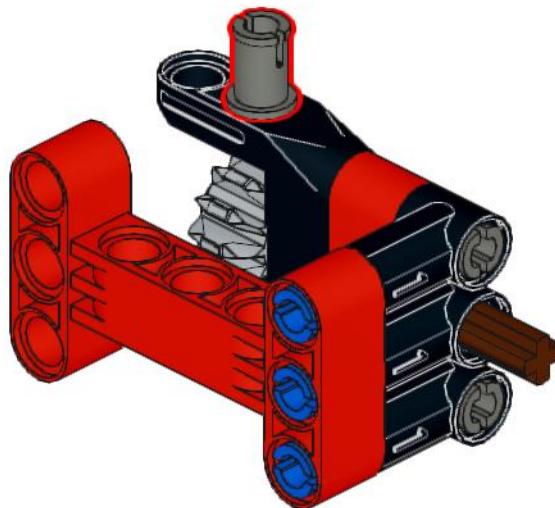
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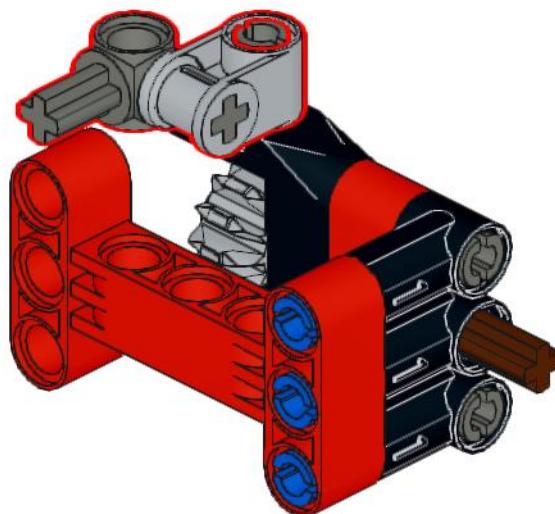
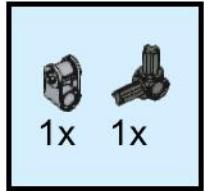
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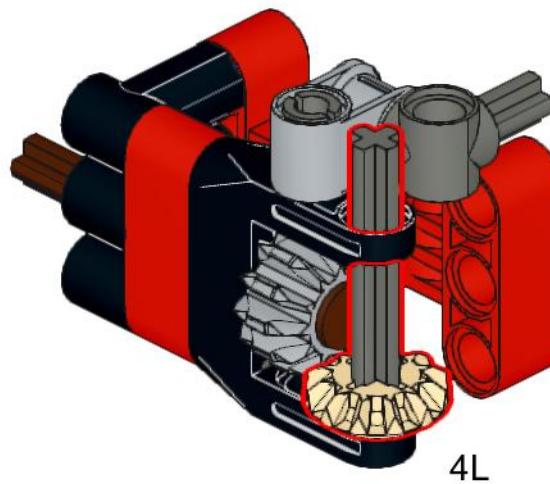
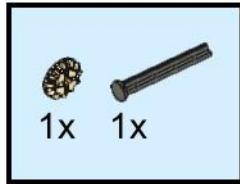
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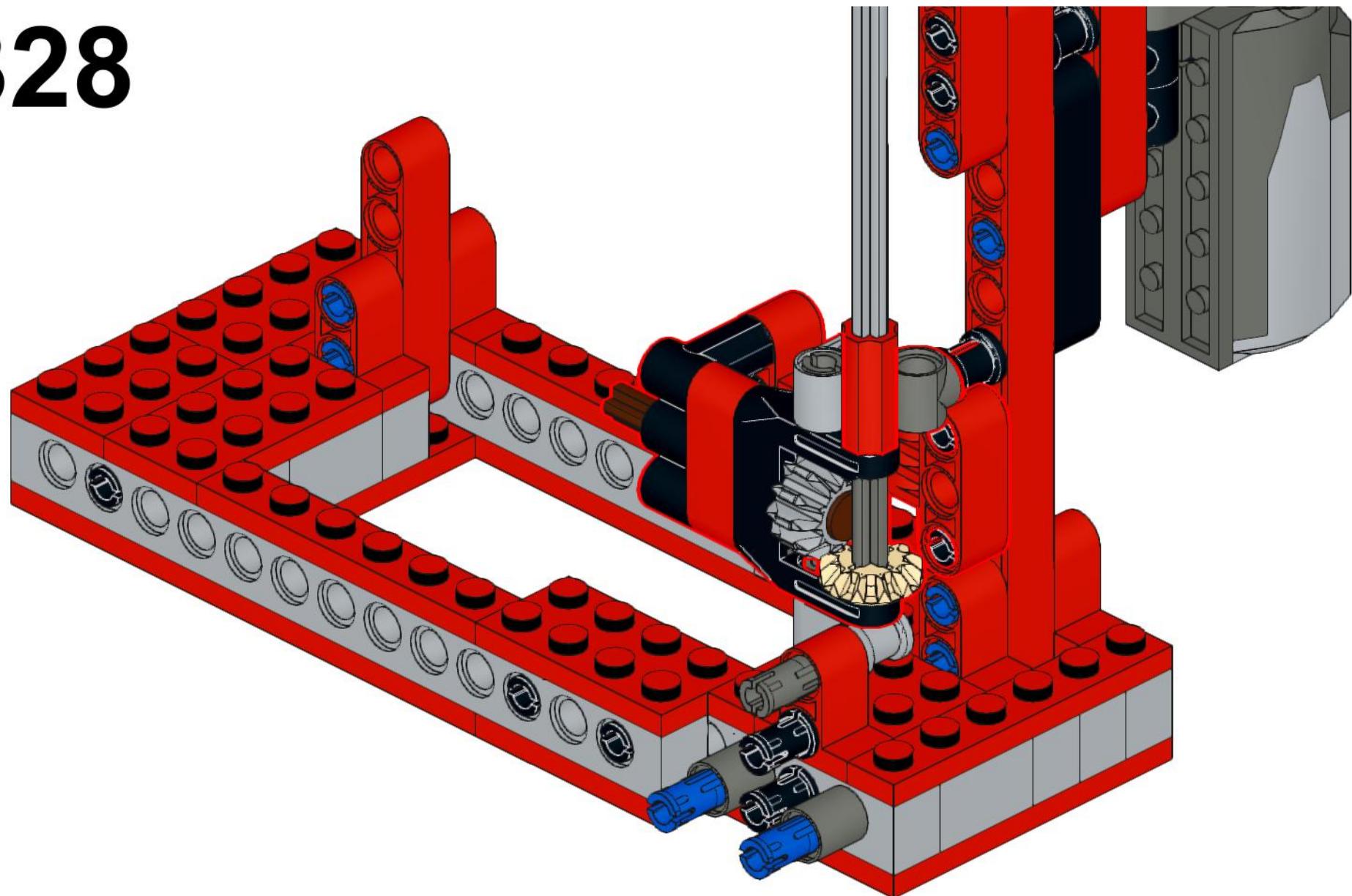
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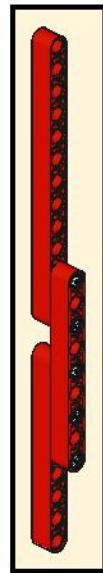
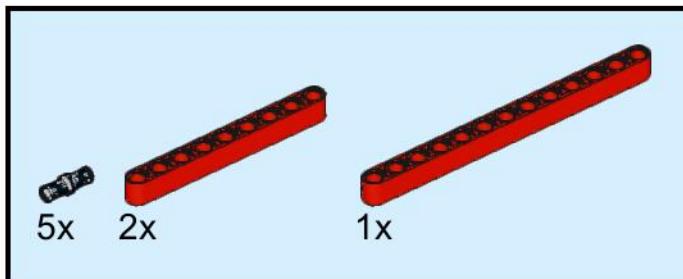
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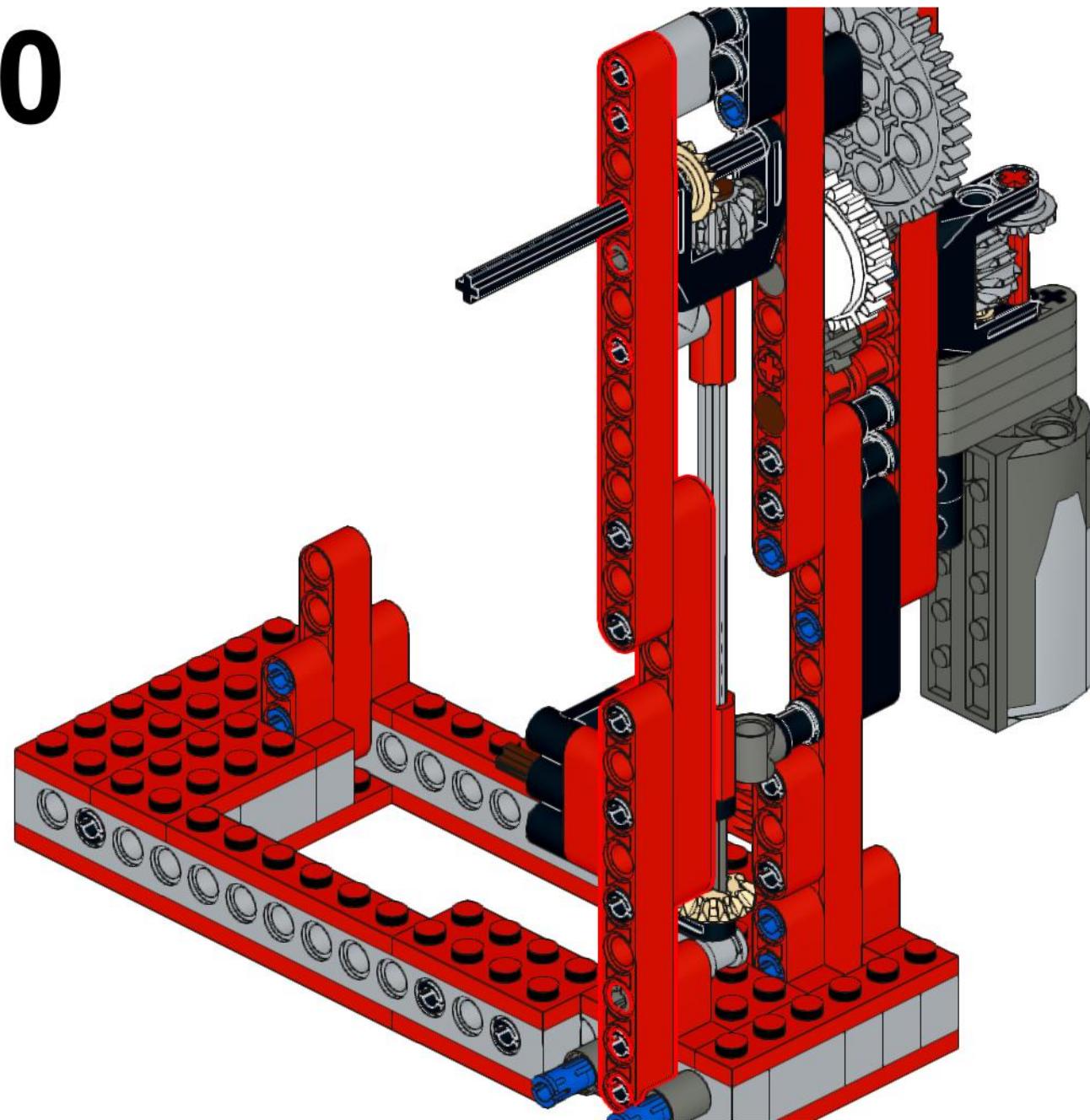
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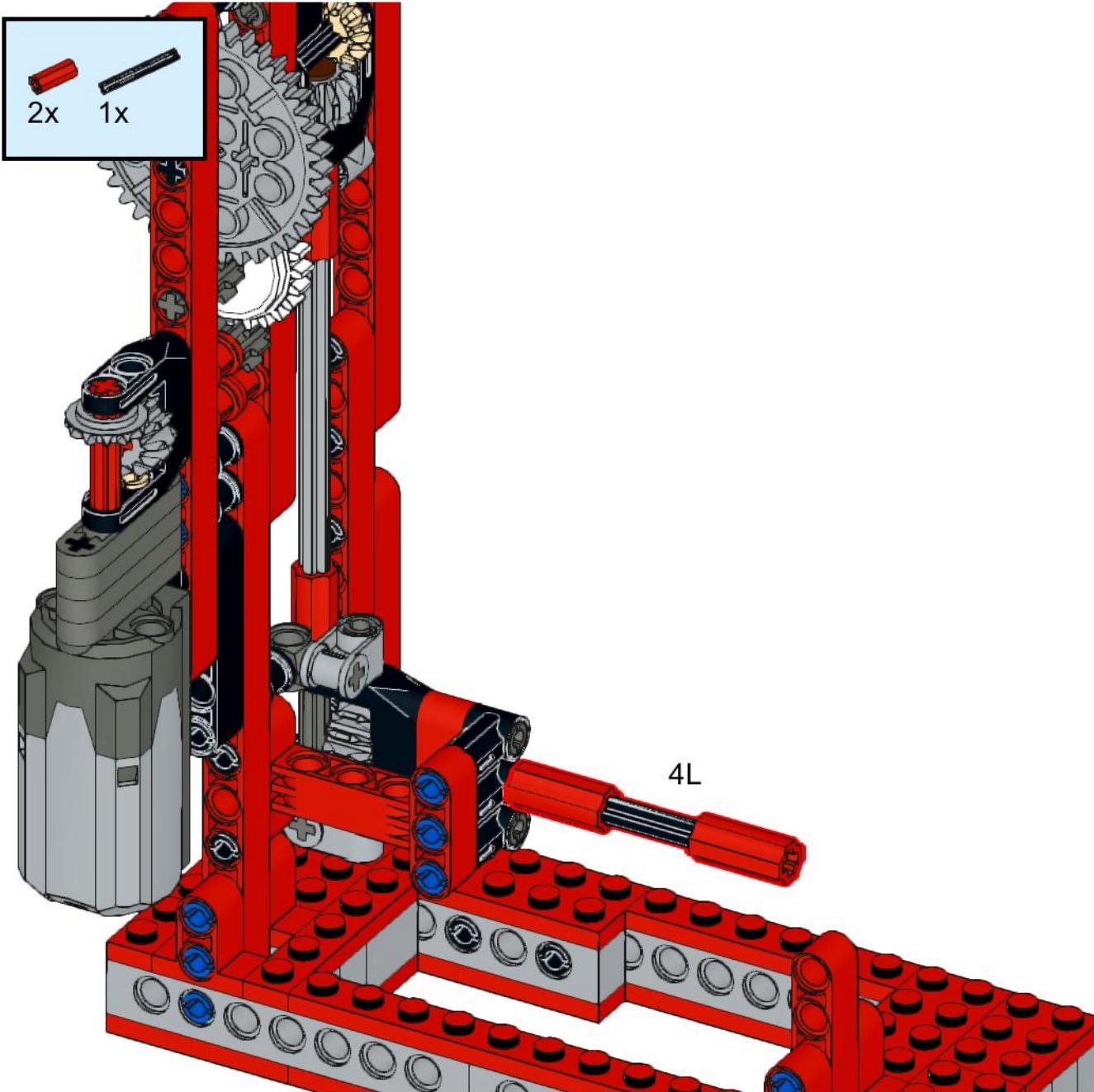
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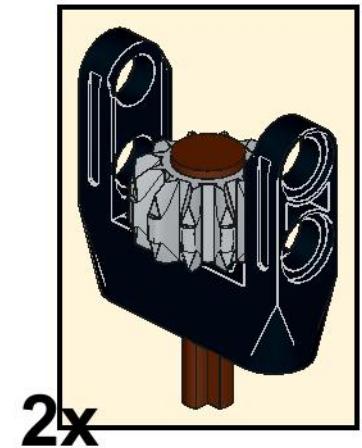
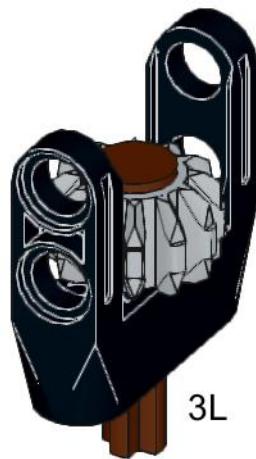
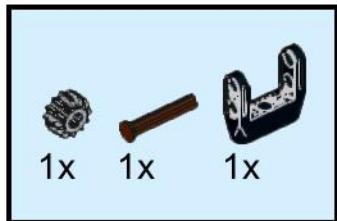
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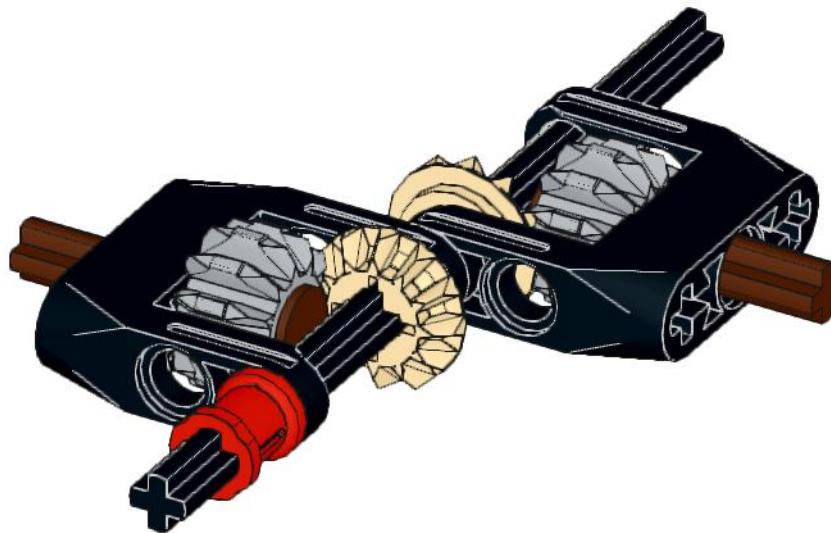
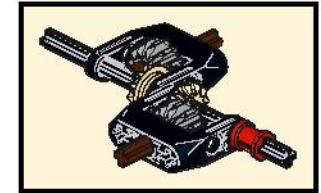
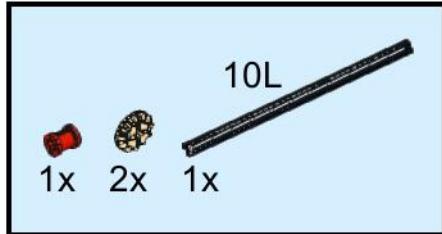
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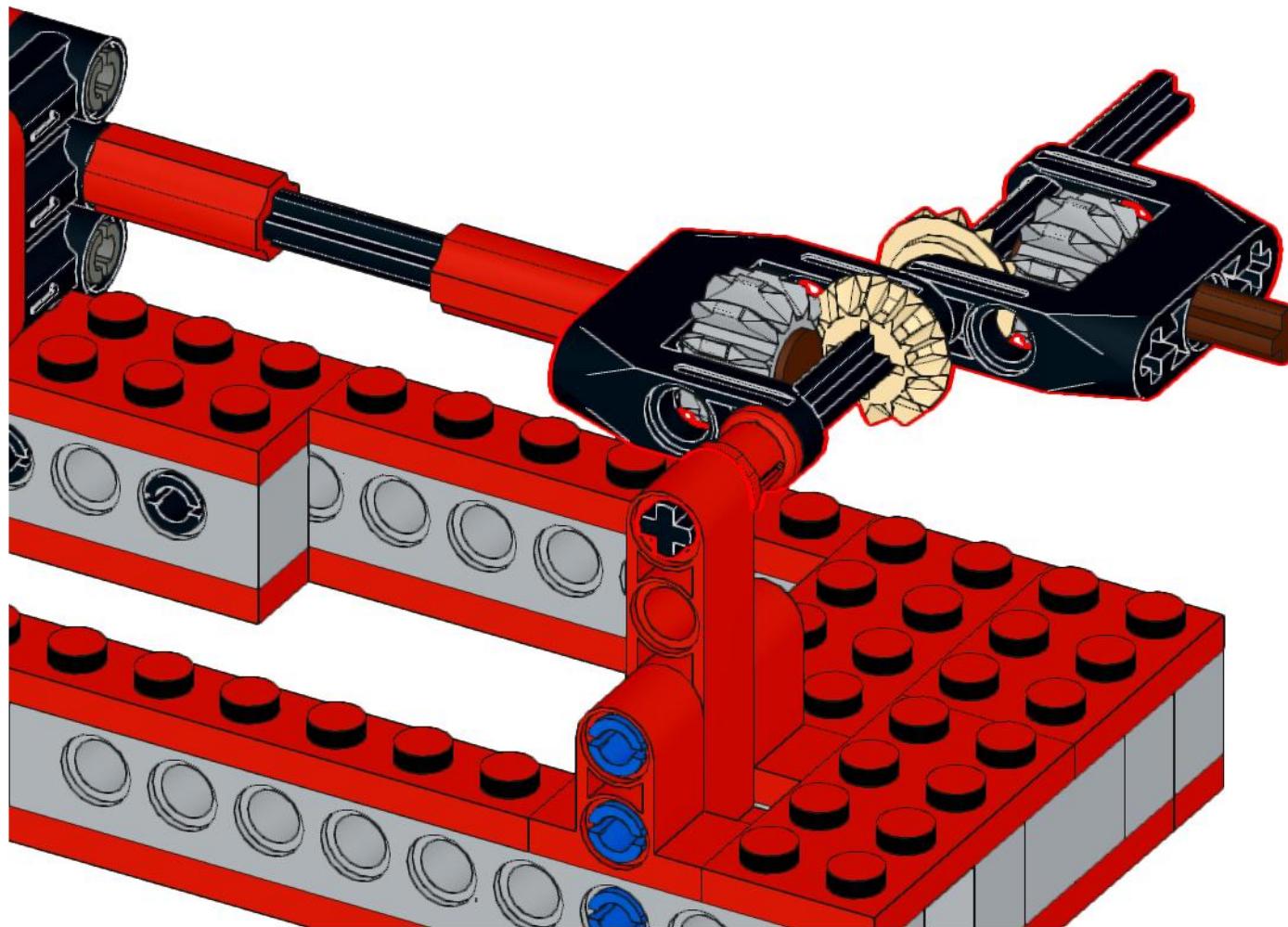
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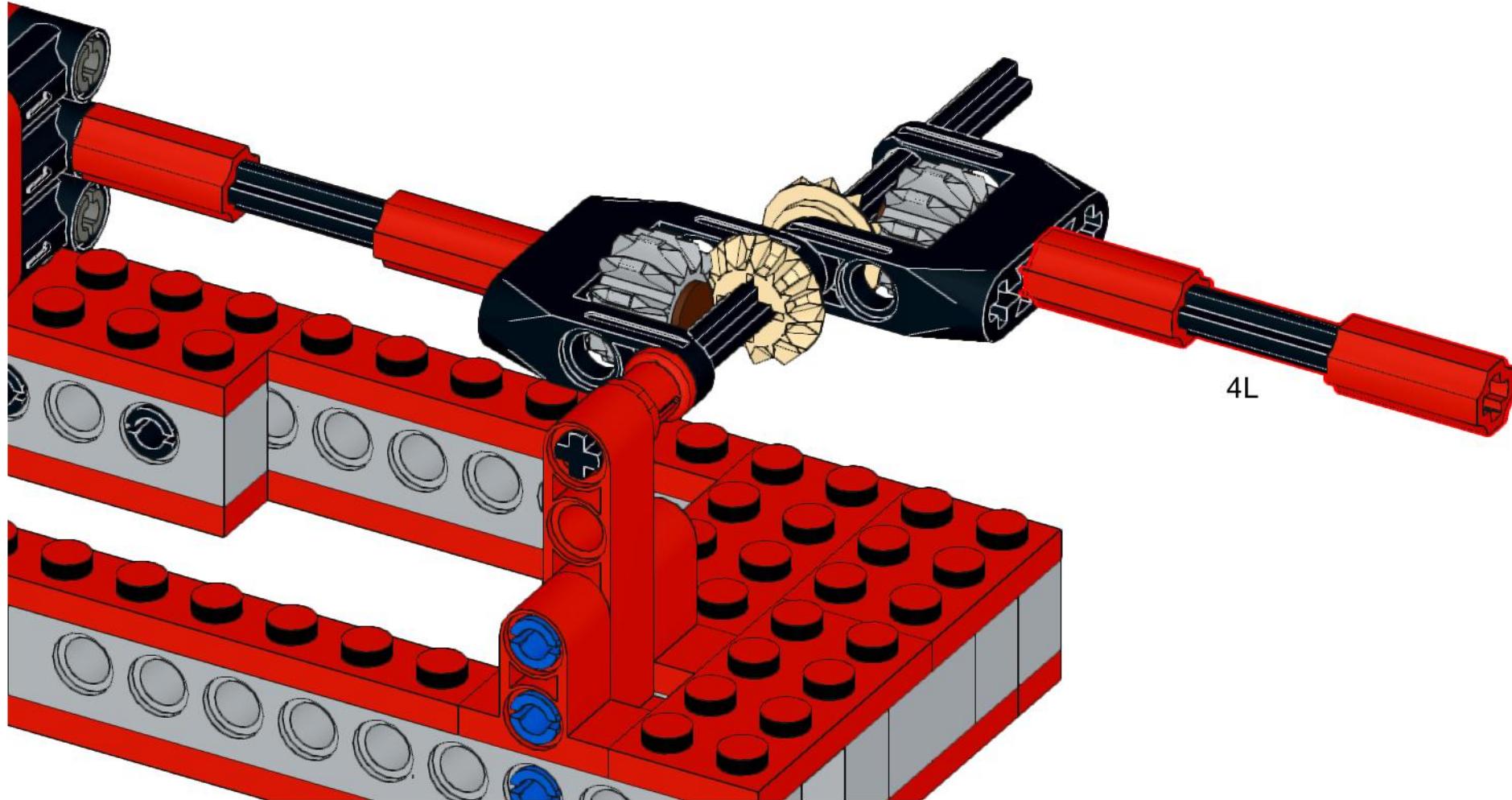
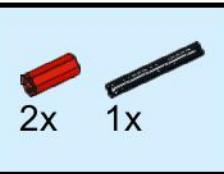
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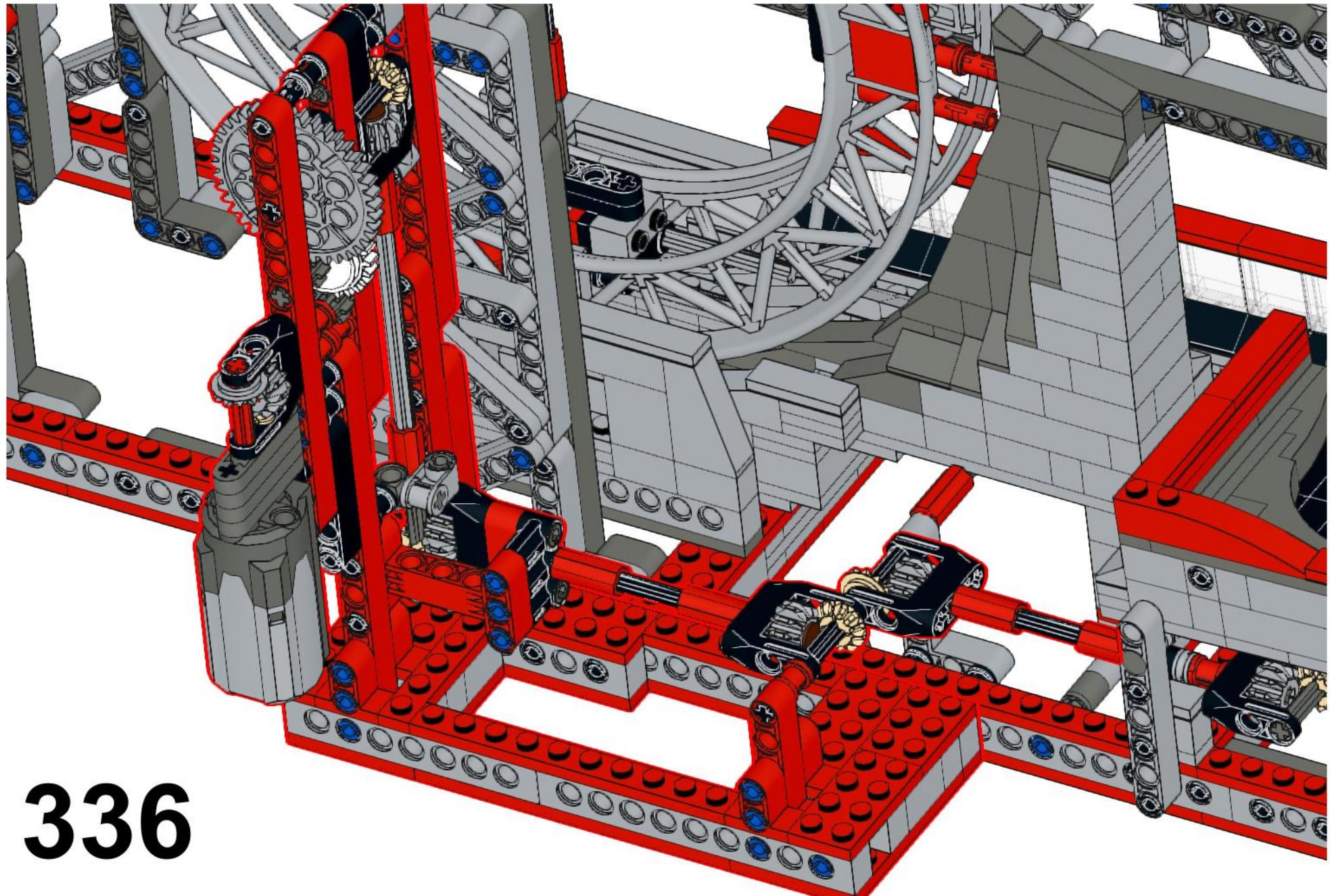


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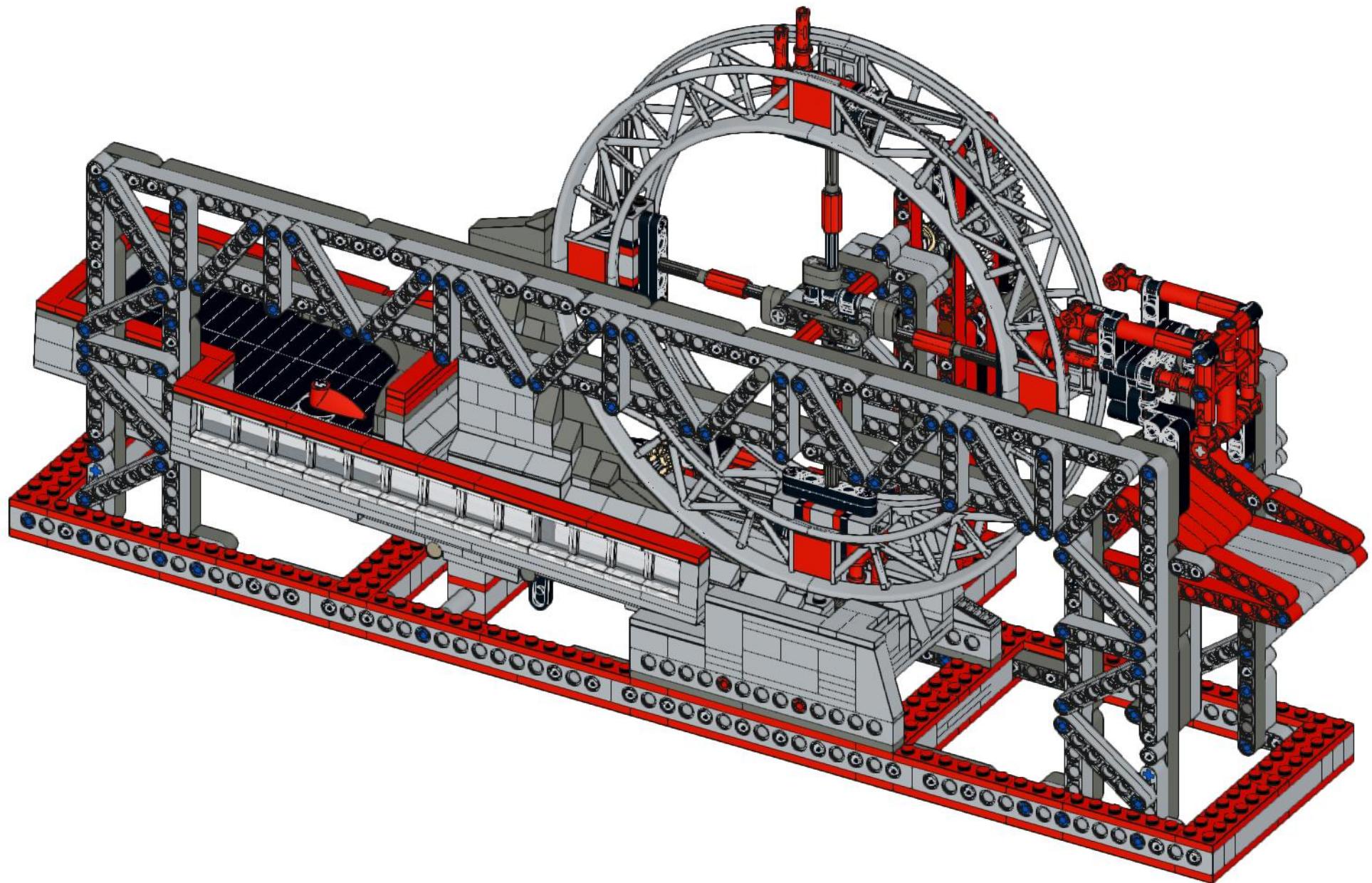


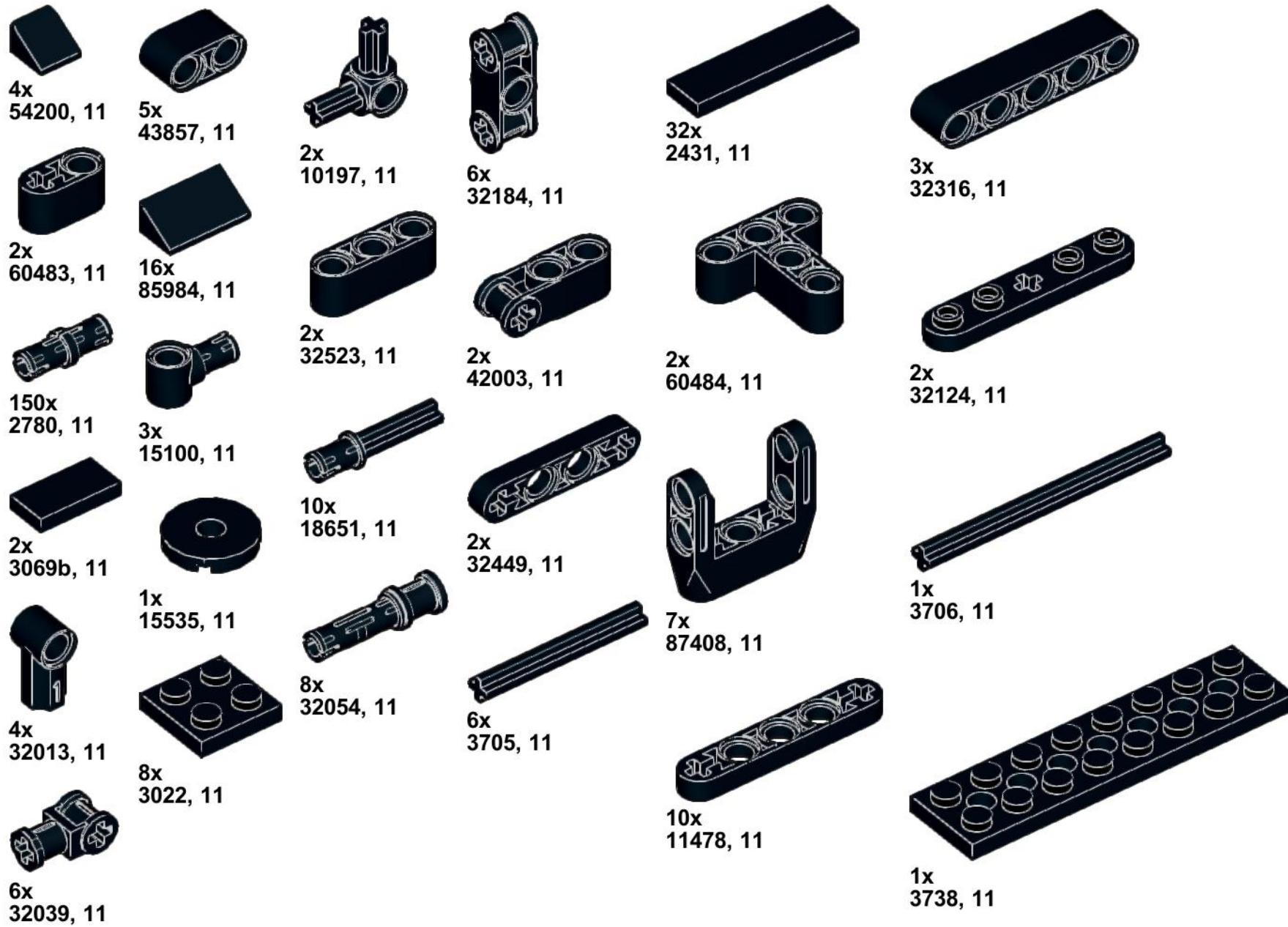
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336







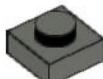
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3034, 11



1x
3737, 11



1x
3708, 11



1x
3024, 85



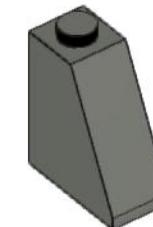
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1x
60483, 85



2x
32523, 85



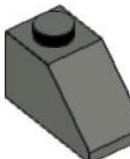
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6x
18654, 85



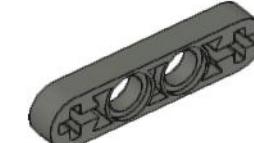
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6x
3040, 85



1x
32054, 85



4x
32449, 85



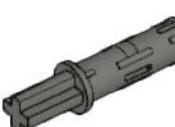
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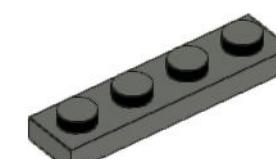
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1x
10197, 85



6x
11214, 85



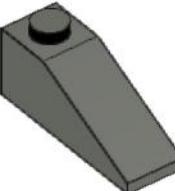
1x
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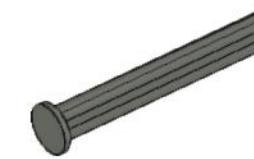
1x
61409, 85



4x
6632, 85



3x
4286, 85



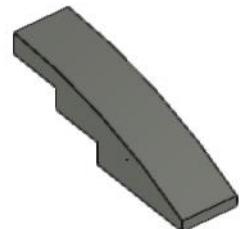
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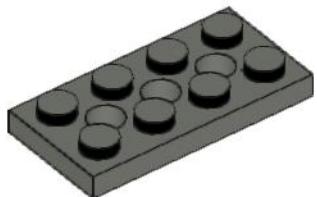
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3005, 85



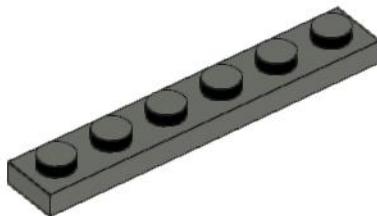
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3623, 85



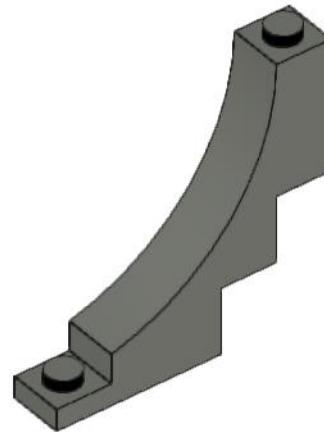
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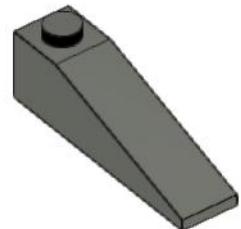
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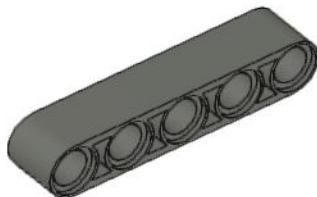
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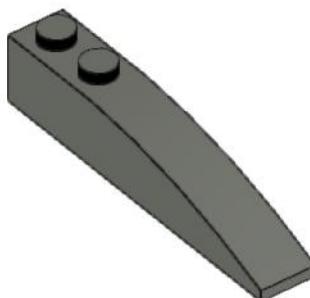
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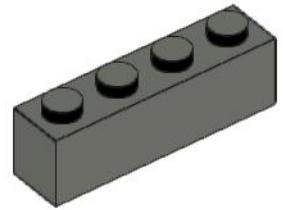
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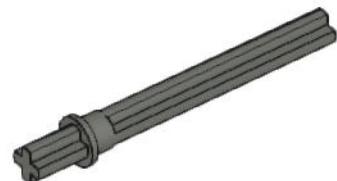
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32316, 85



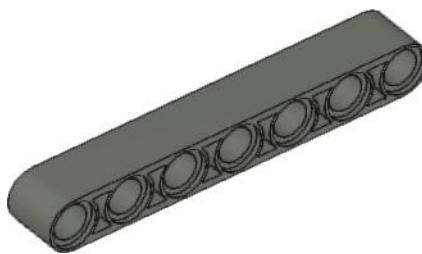
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42022, 85



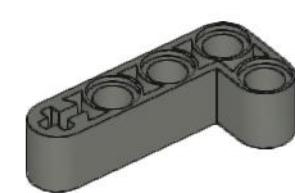
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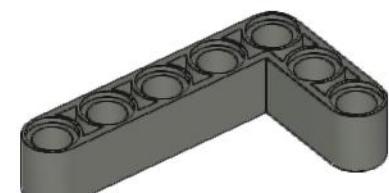
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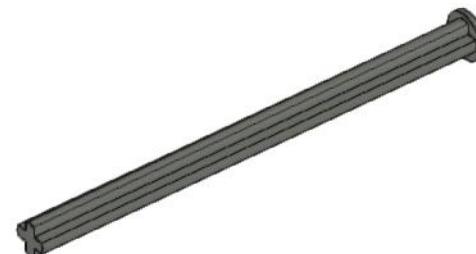
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3460, 85



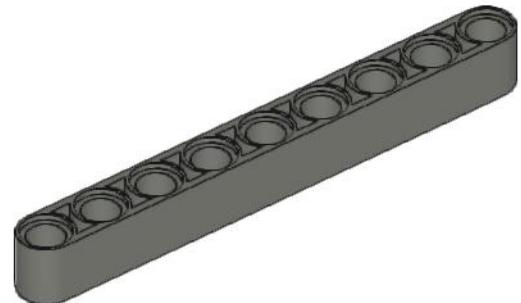
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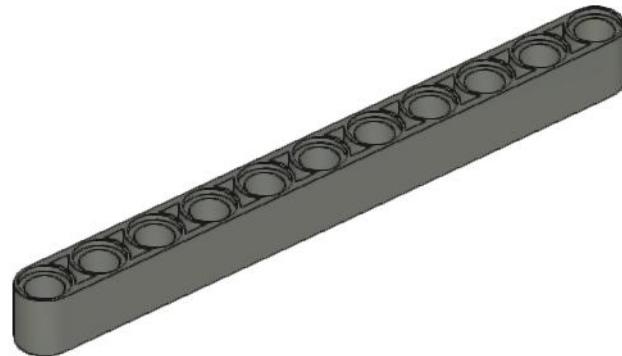
8x
32526, 85



1x
55013, 85



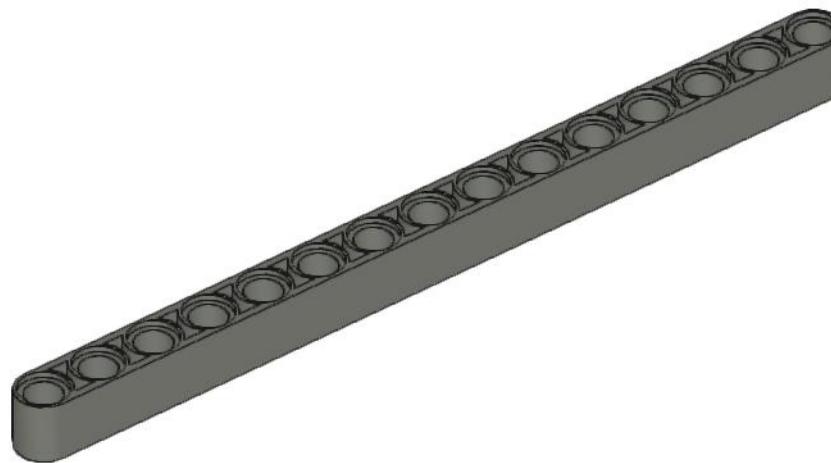
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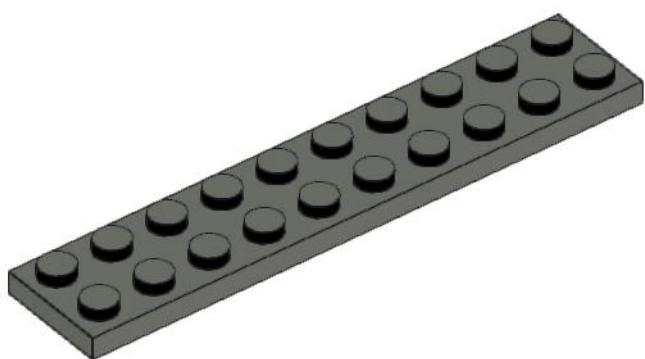
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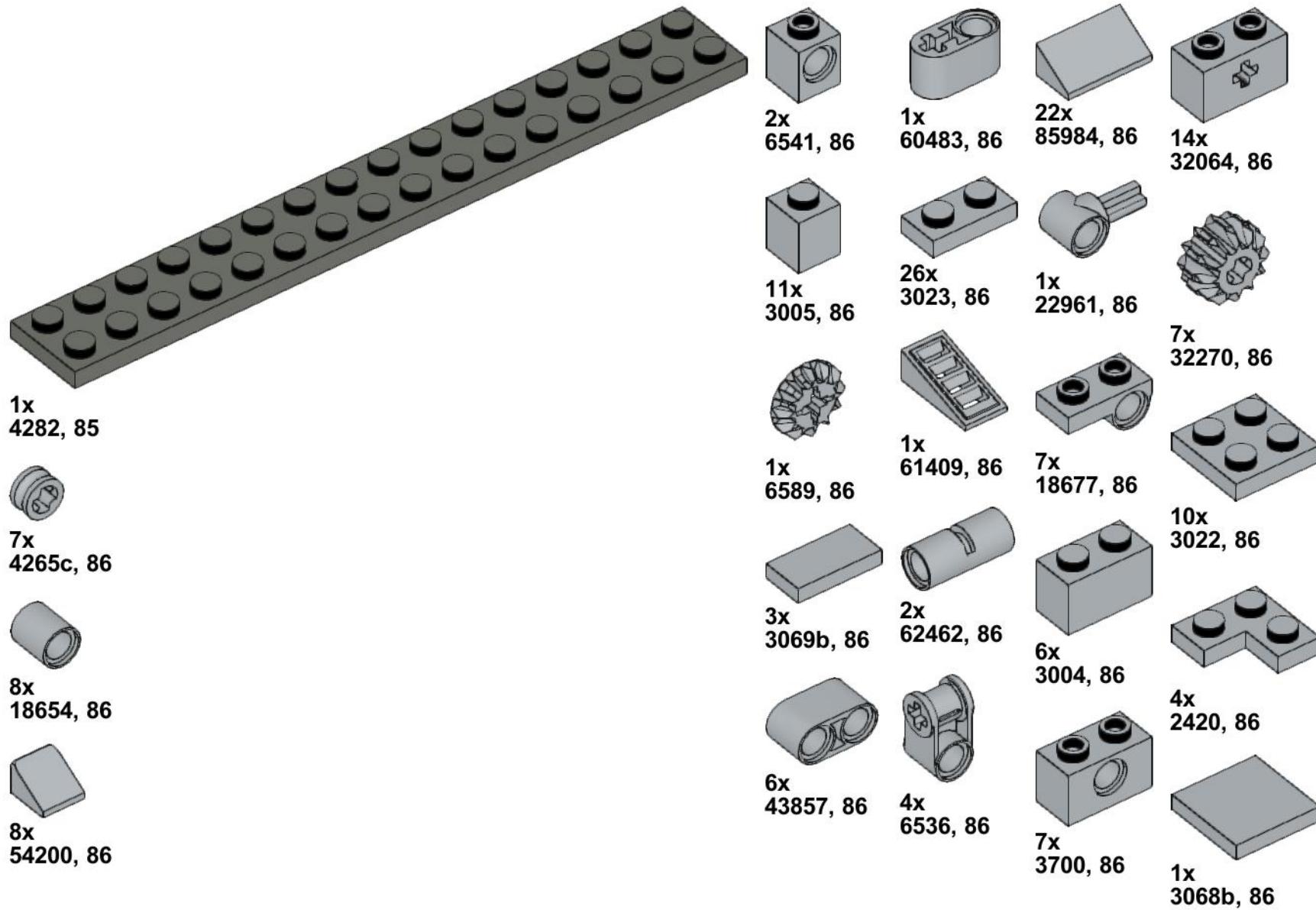
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4477, 85

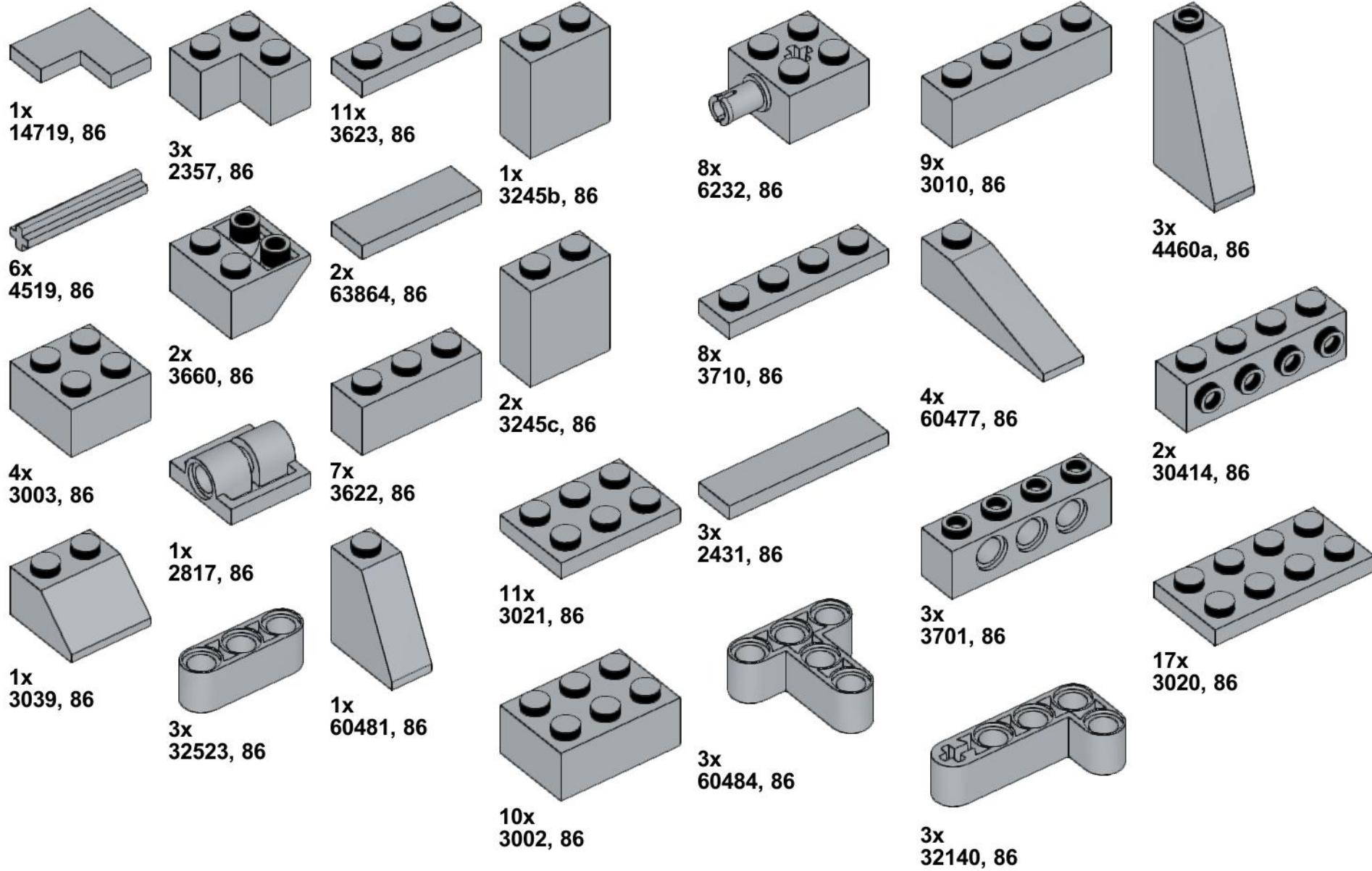


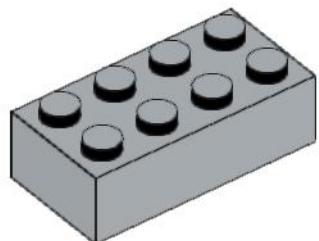
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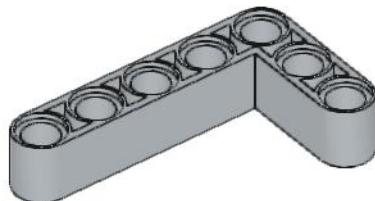
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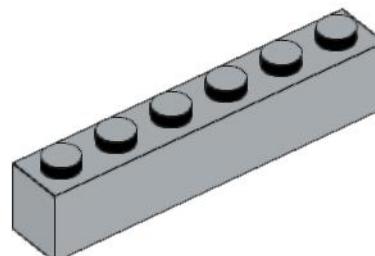




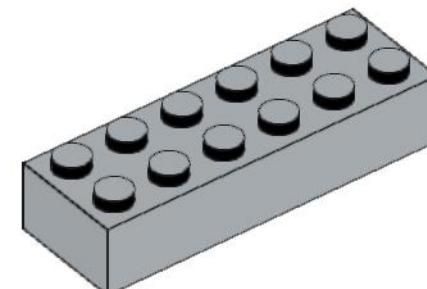
10x
3001, 86



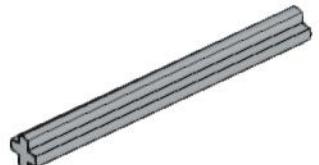
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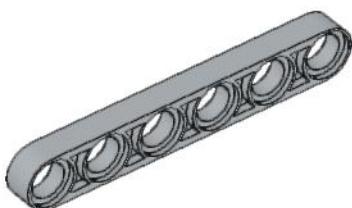
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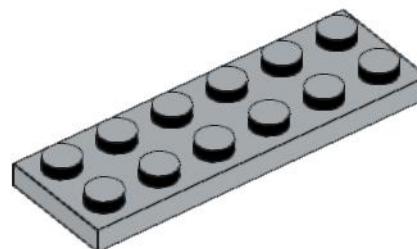
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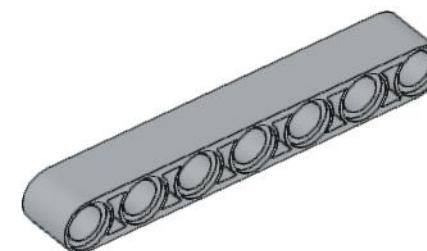
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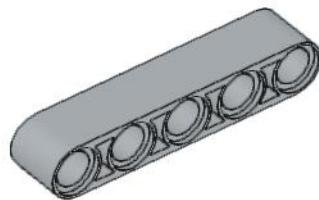
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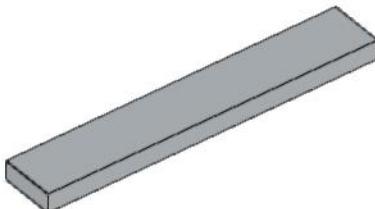
8x
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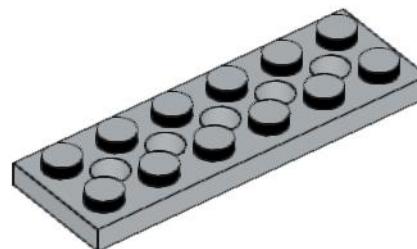
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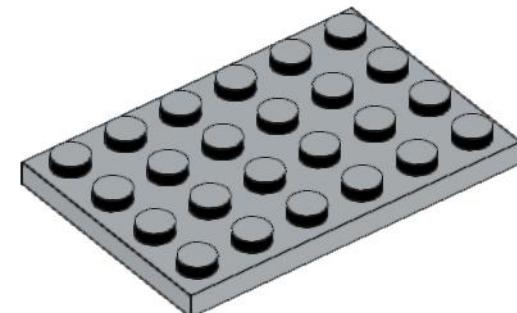
13x
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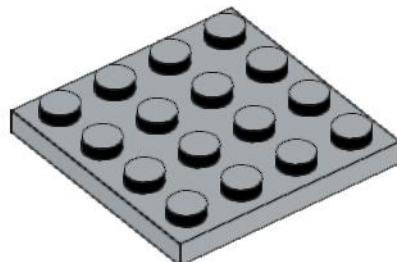
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6636, 86



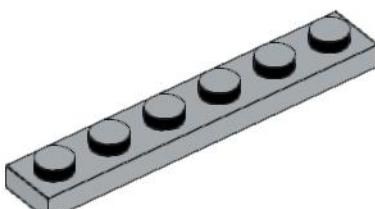
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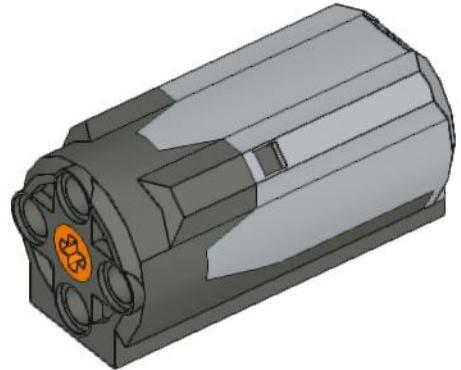
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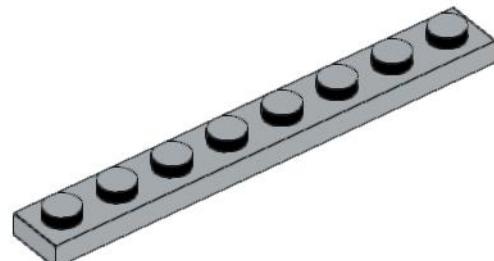
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3031, 86



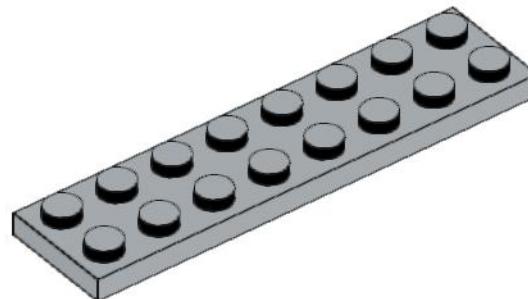
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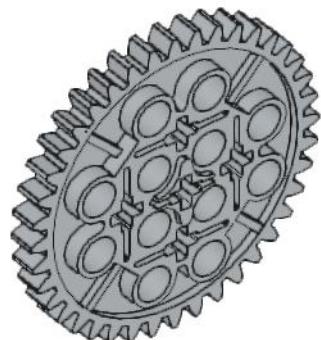
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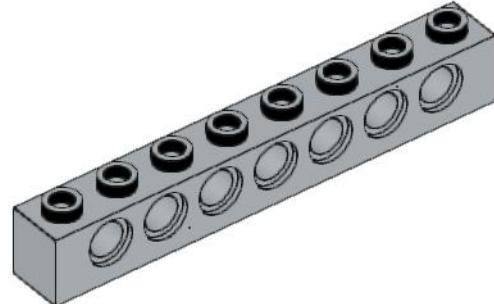
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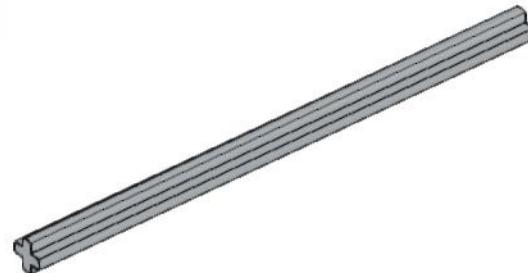
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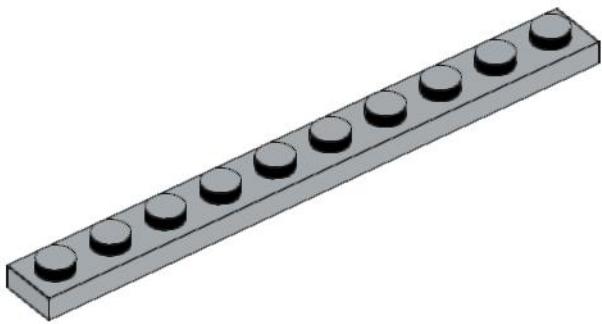
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3649, 86



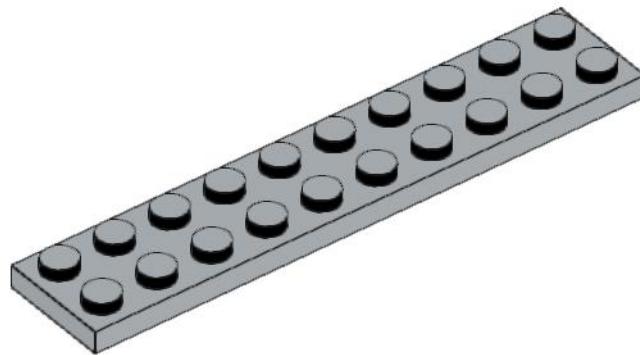
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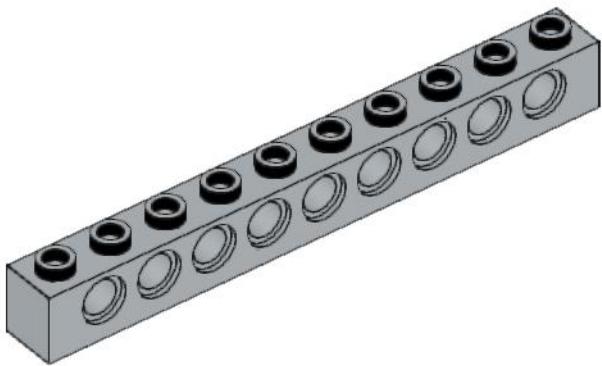
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60485, 86



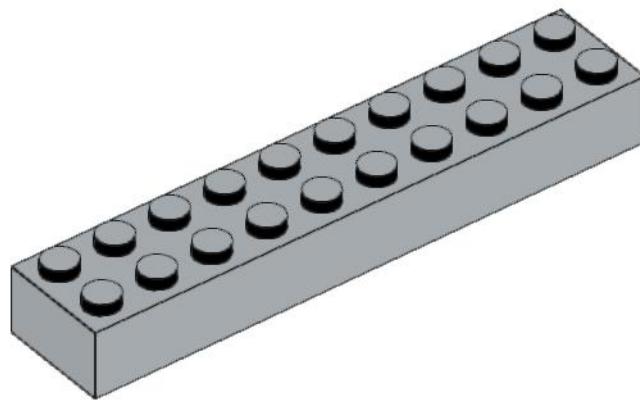
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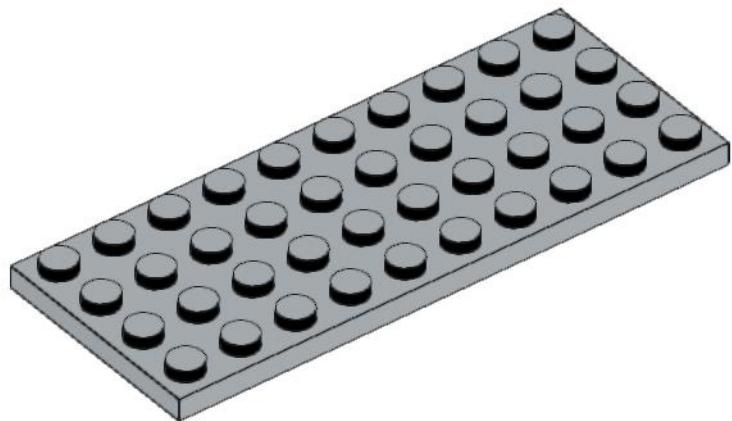
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3832, 86



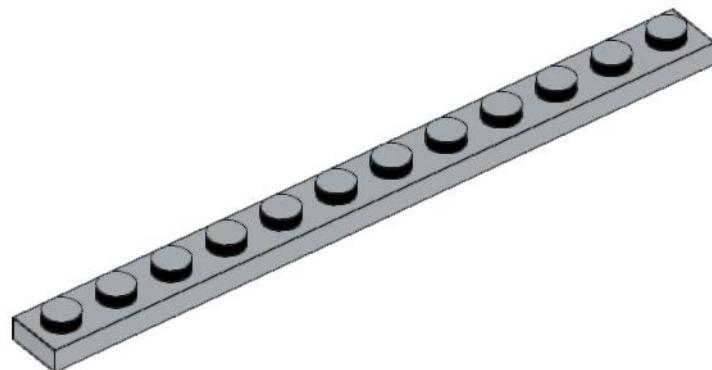
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2730, 86



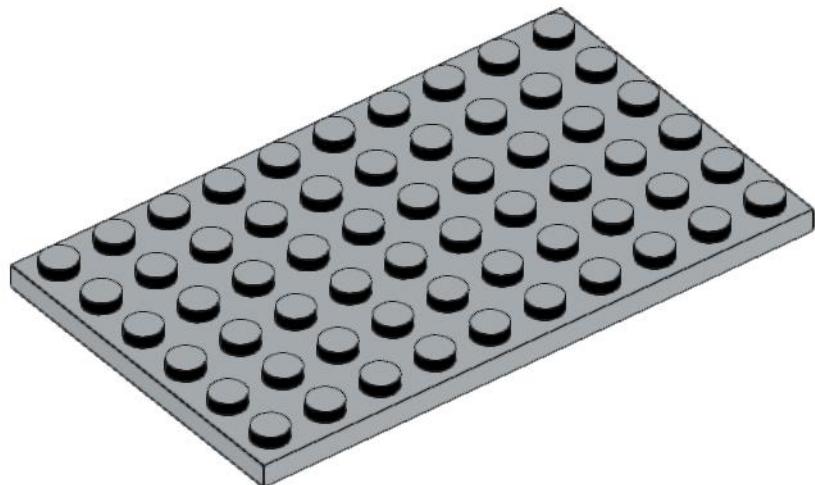
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3006, 86



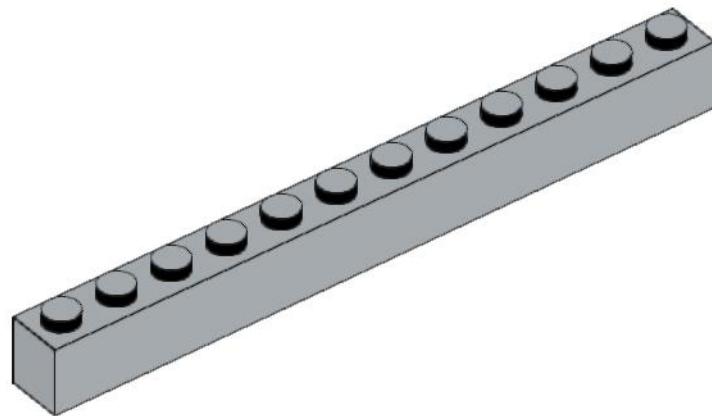
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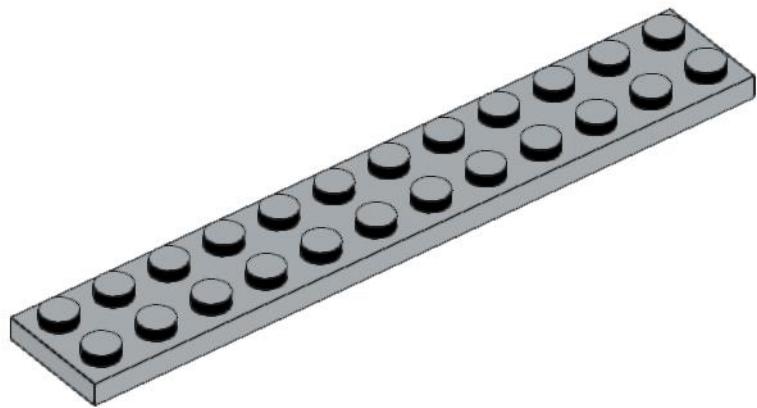
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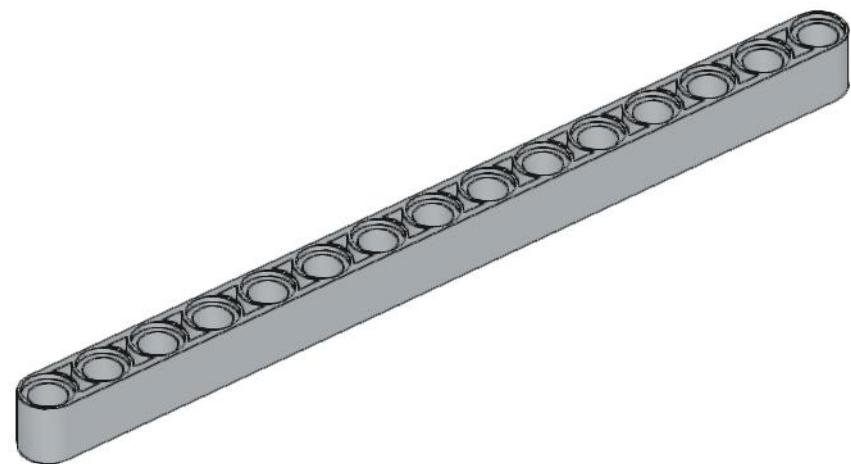
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3033, 86



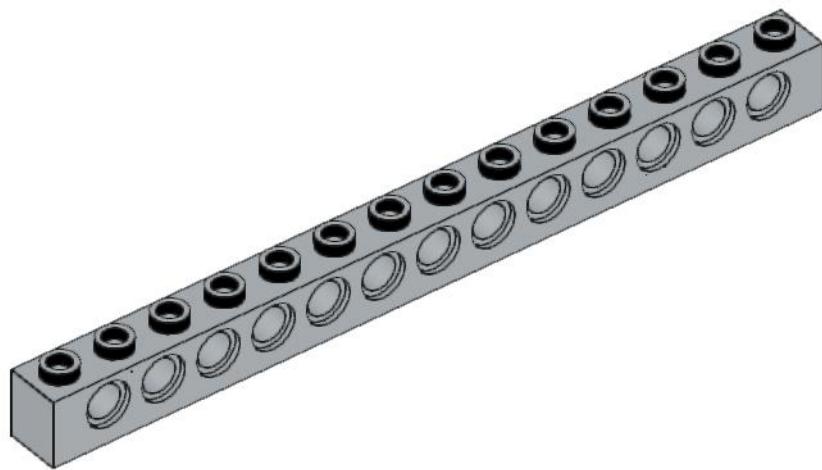
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6112, 86



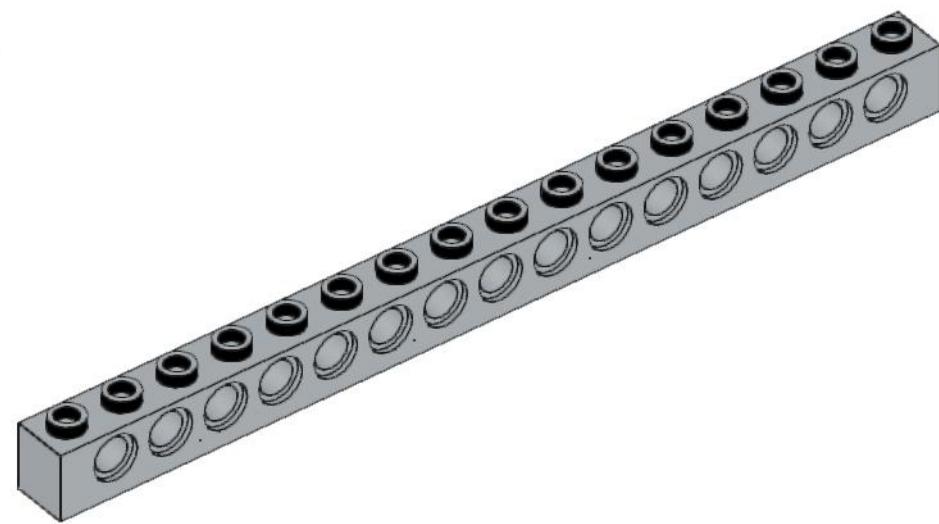
2x
2445, 86



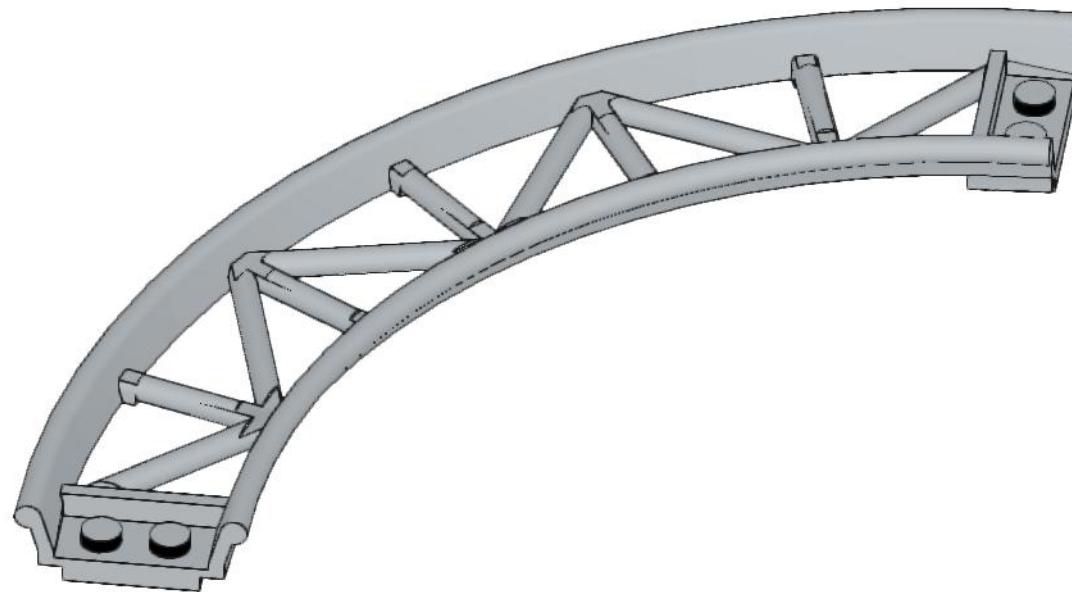
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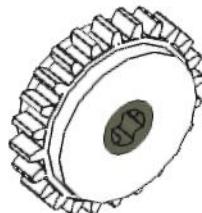
3x
32018, 86



8x
3703, 86



8x
25061, 86



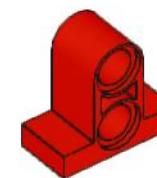
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11x
3713, 5



1x
22961, 5



5x
32530, 5



5x
32062, 5



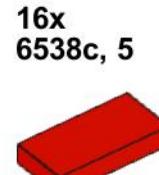
4x
32039, 5



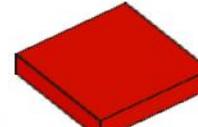
18x
3023, 5



16x
6538c, 5



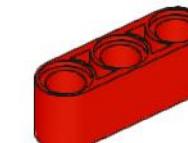
1x
3069b, 5



8x
3068b, 5



1x
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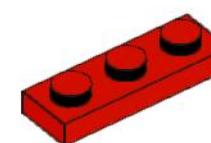
5x
32523, 5



3x
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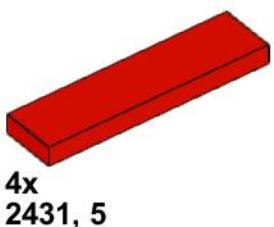
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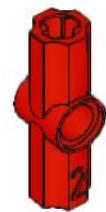
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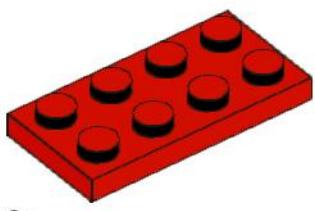
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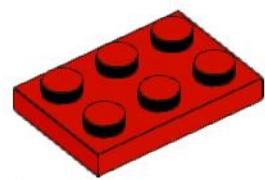
4x
2431, 5



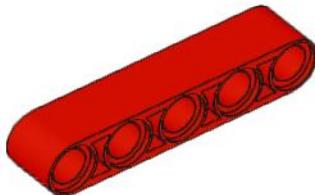
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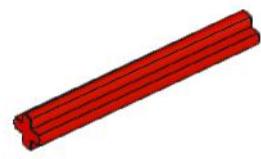
6x
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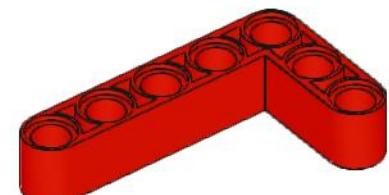
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3021, 5



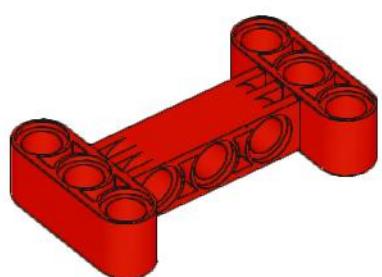
2x
32316, 5



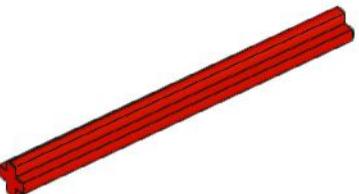
1x
3705, 5



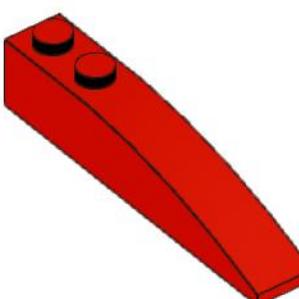
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32526, 5



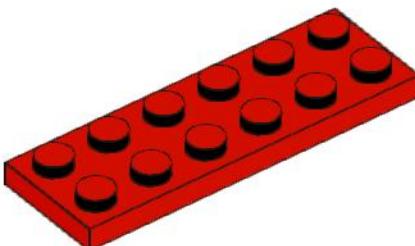
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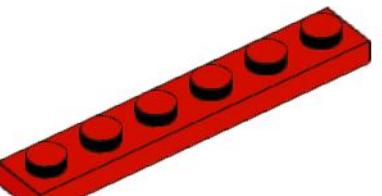
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3706, 5



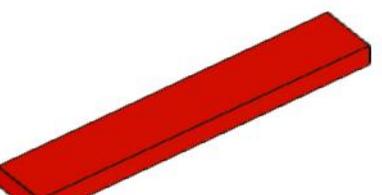
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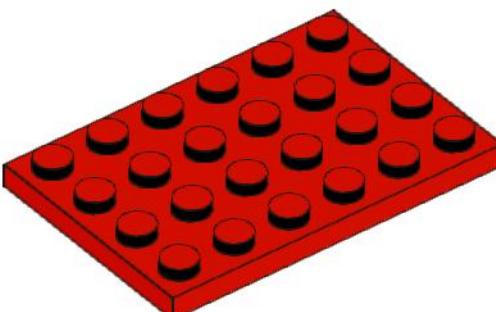
20x
3795, 5



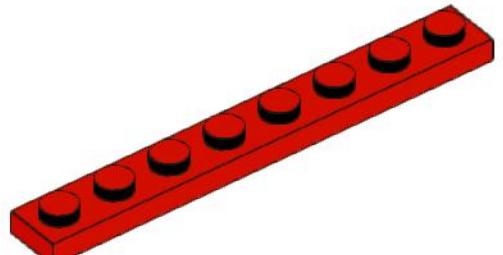
23x
3666, 5



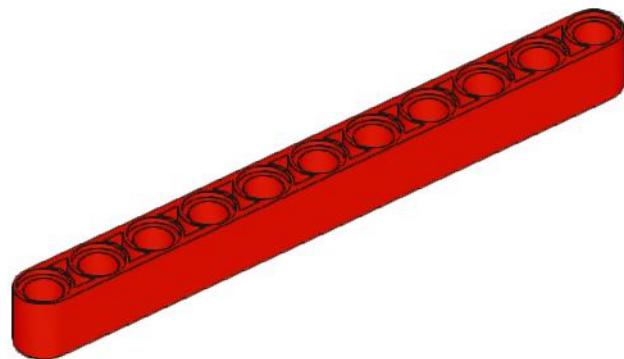
7x
6636, 5



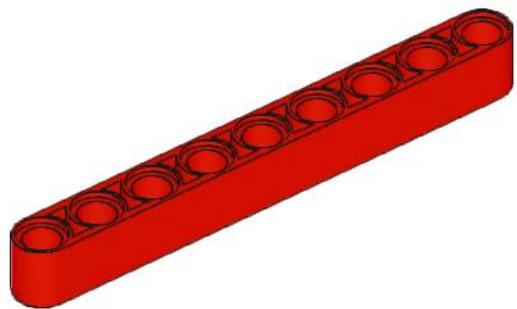
2x
3032, 5



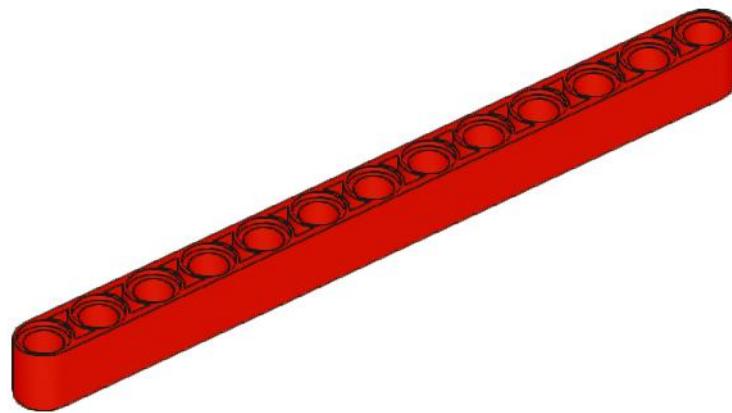
6x
3460, 5



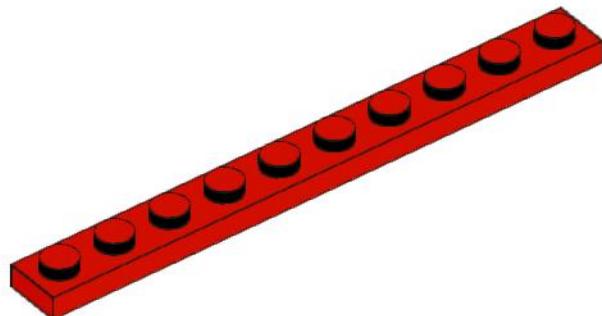
2x
32525, 5



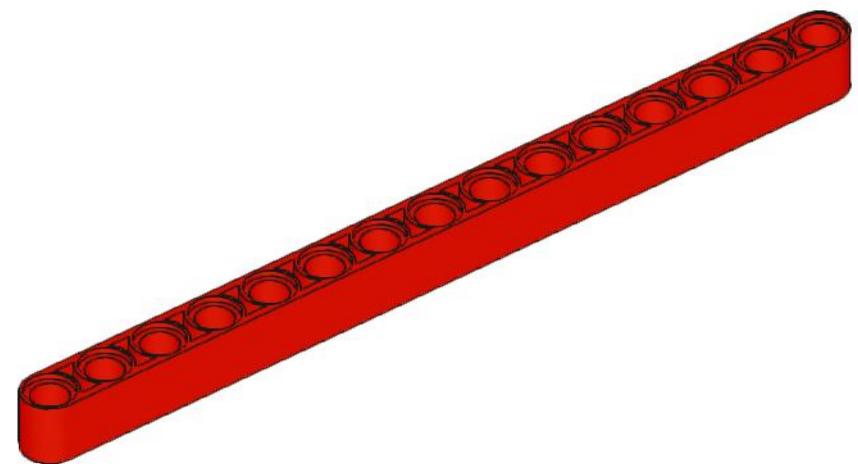
2x
40490, 5



3x
41239, 5



7x
4477, 5



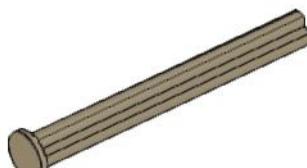
1x
32278, 5



4x
24316, 88



2x
15462, 88



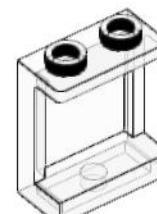
1x
15462, 69



1x
32002, 2



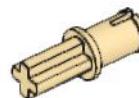
110x
6558, 7



13x
87552, 12



6x
6589, 2



8x
3749, 2



22x
43093, 7