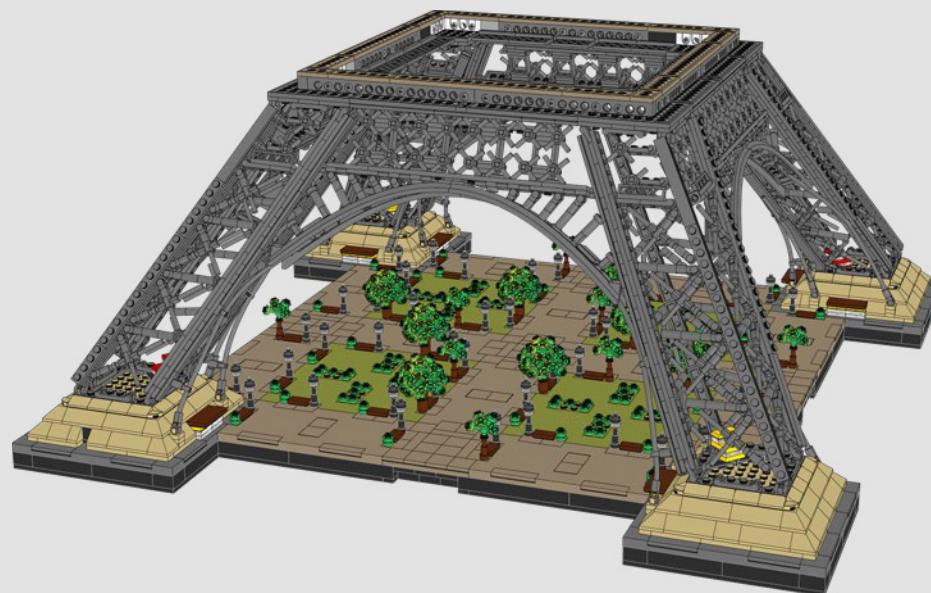
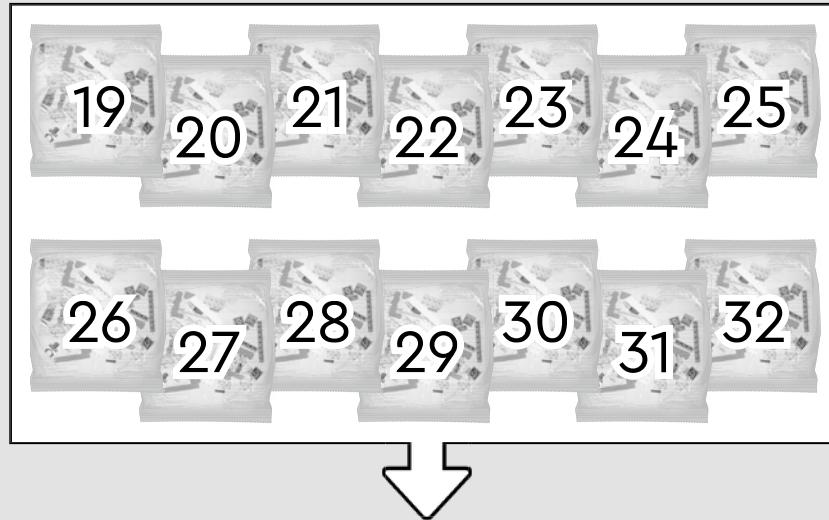


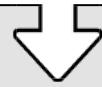
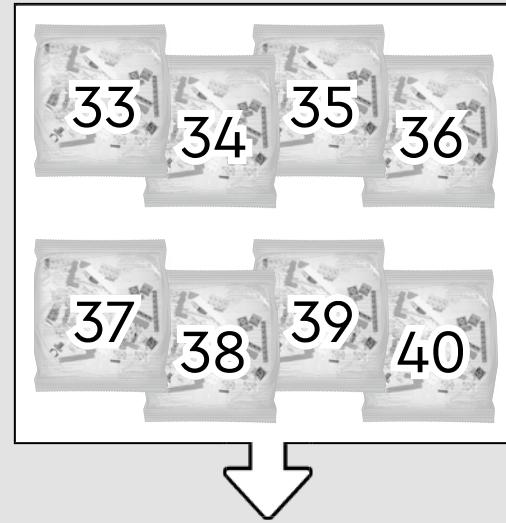


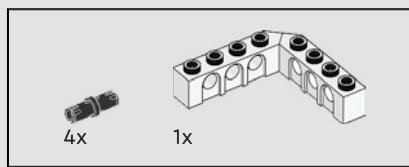
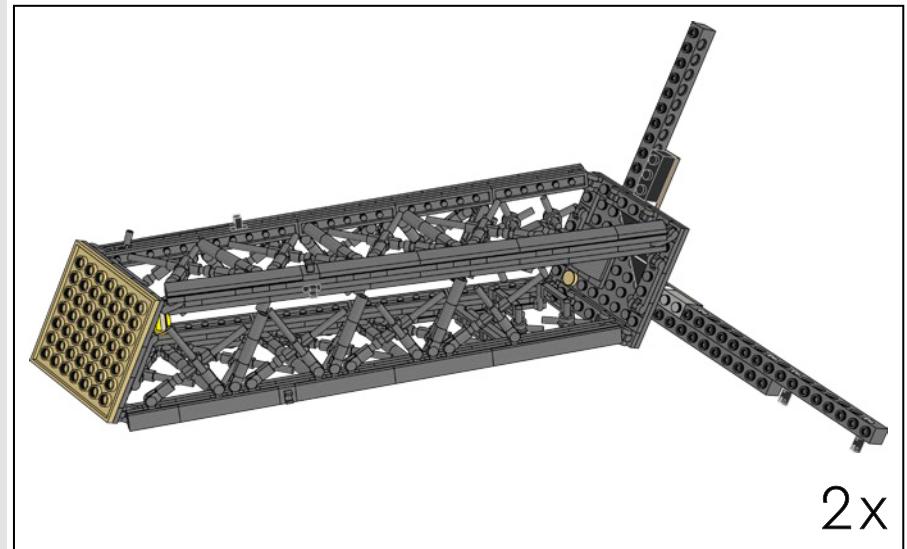
Eiffel tower

Book 2

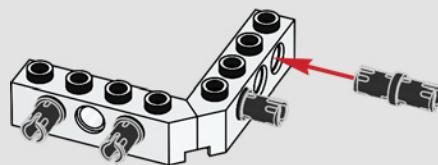
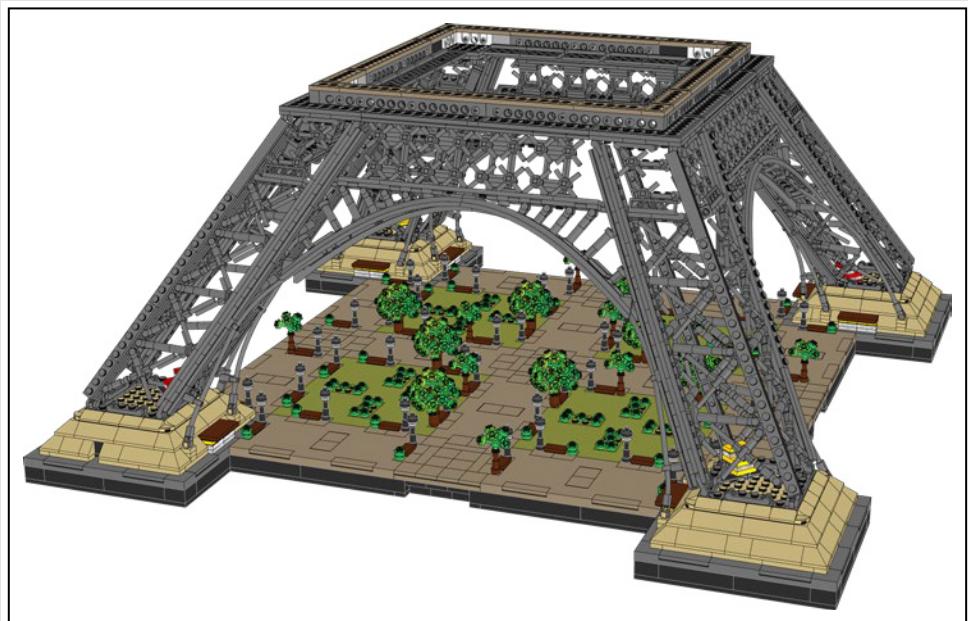


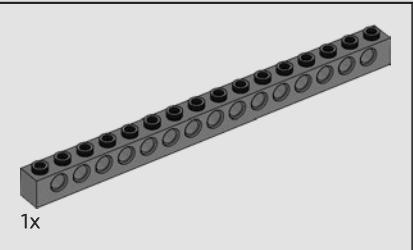




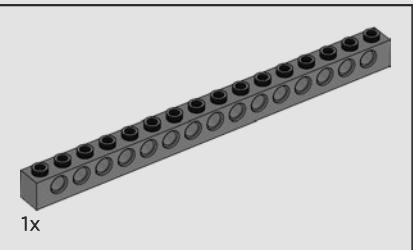
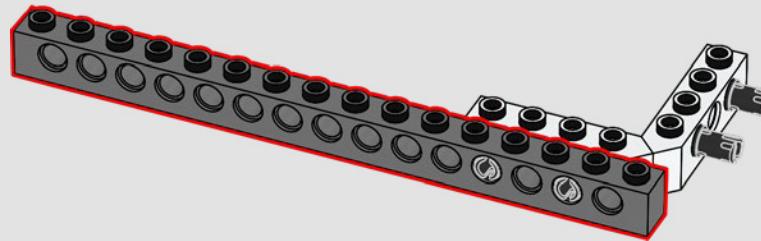


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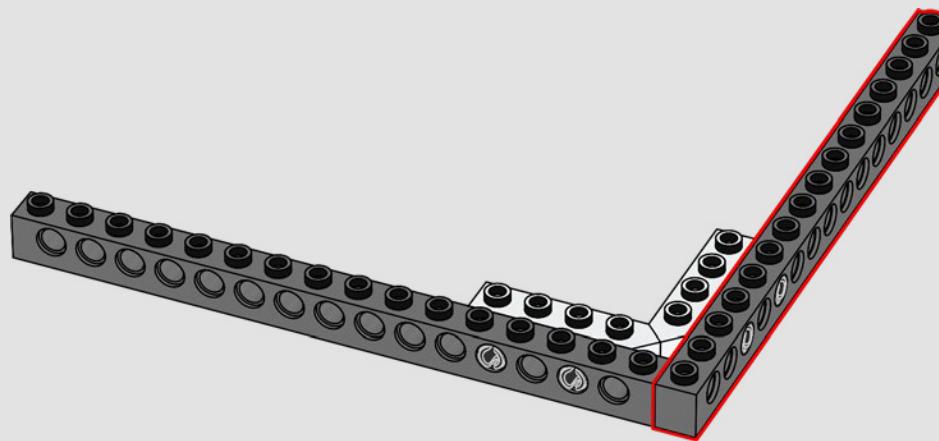




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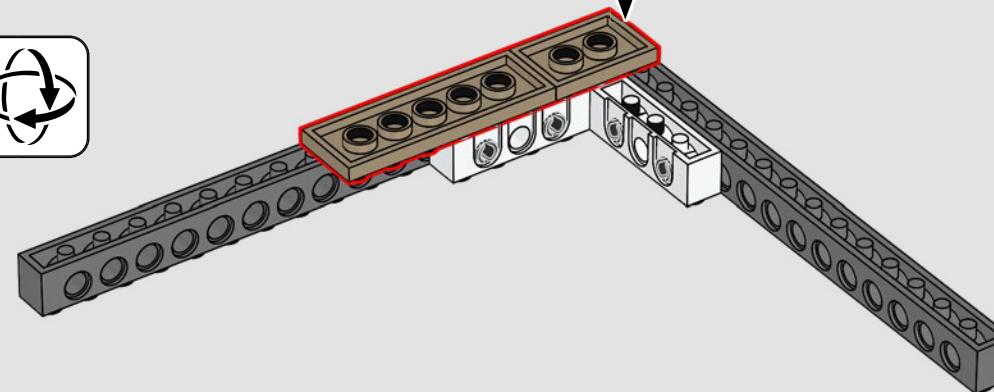


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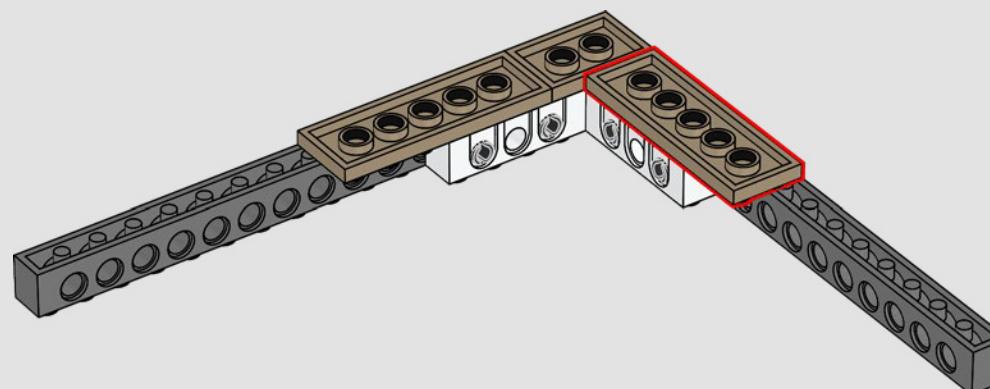


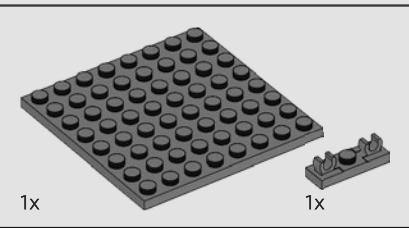
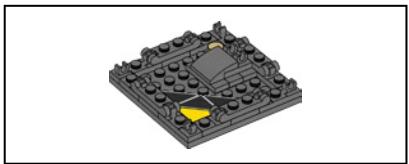


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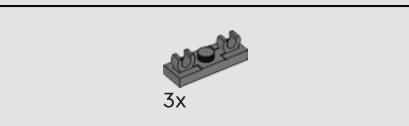
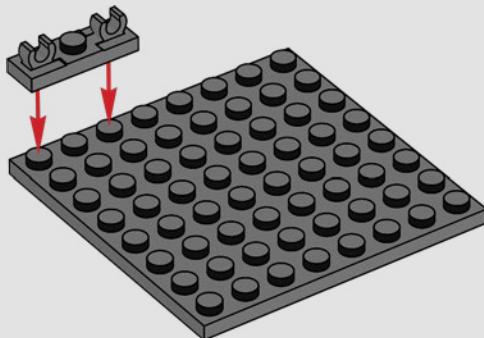


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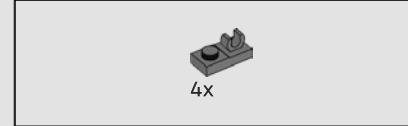
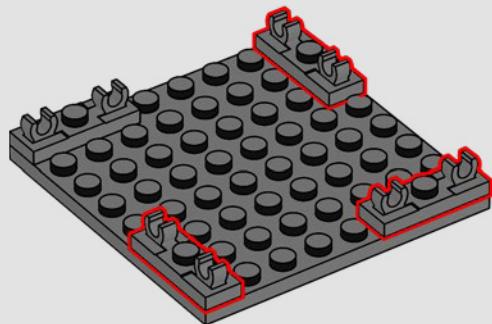




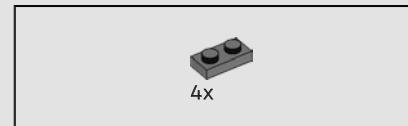
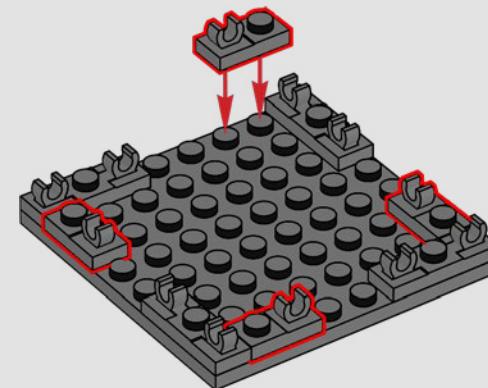
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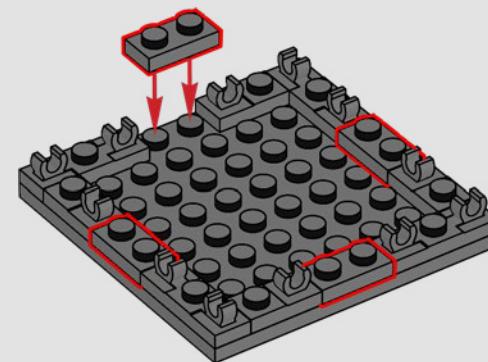
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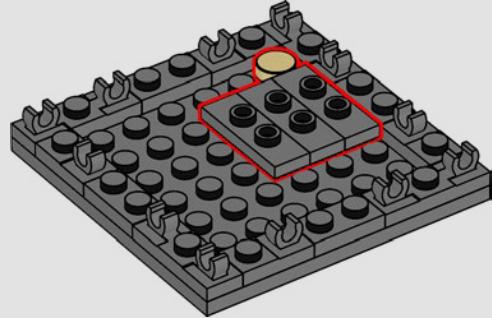


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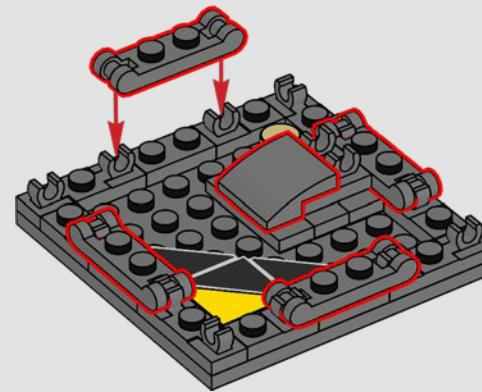




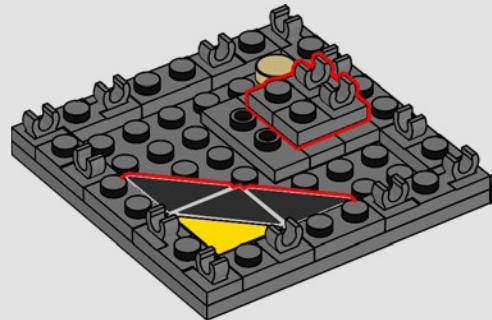
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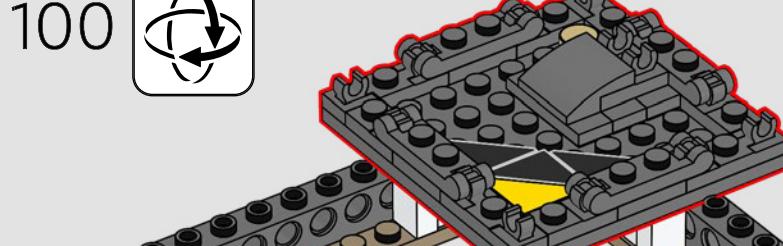
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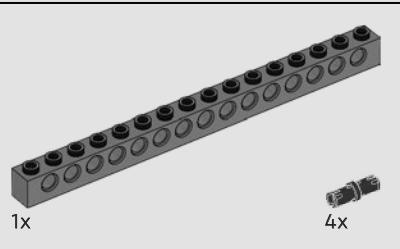
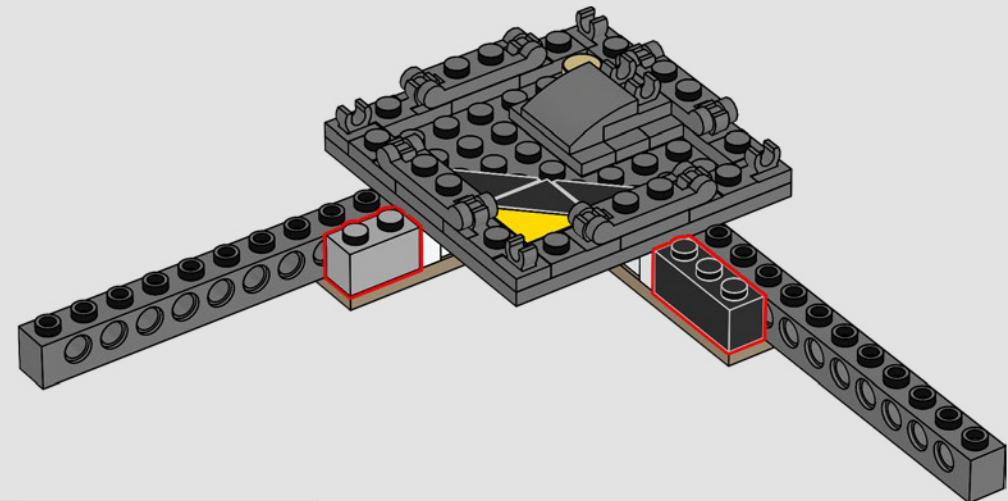


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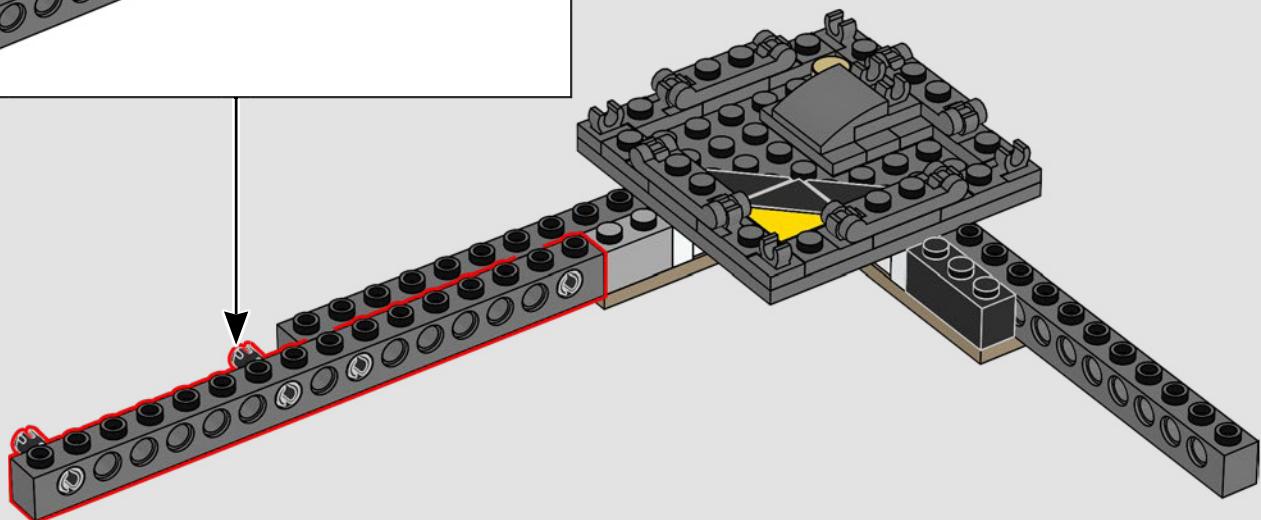
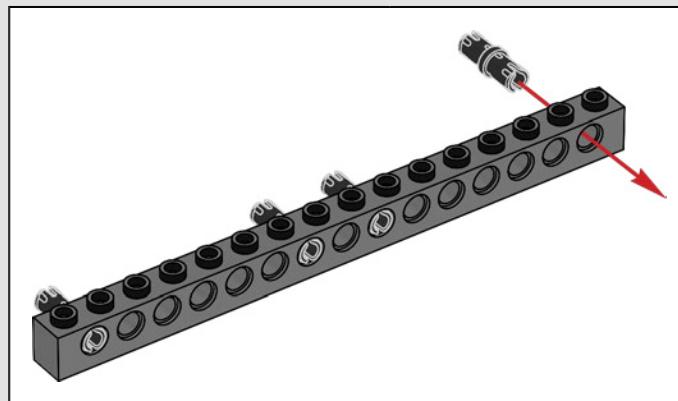


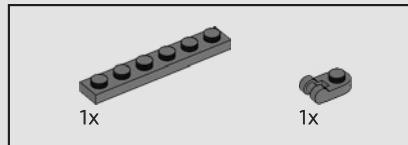
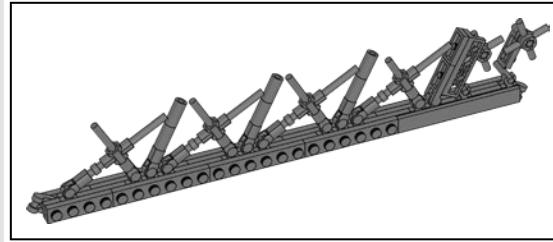


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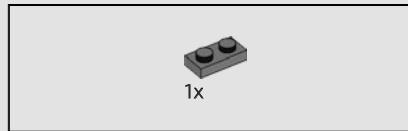
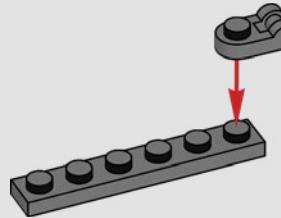


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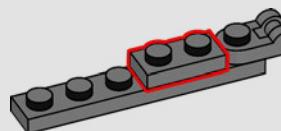




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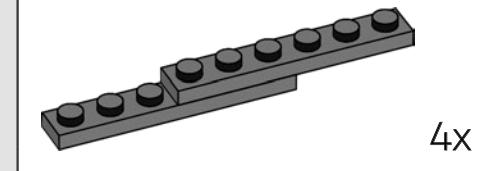


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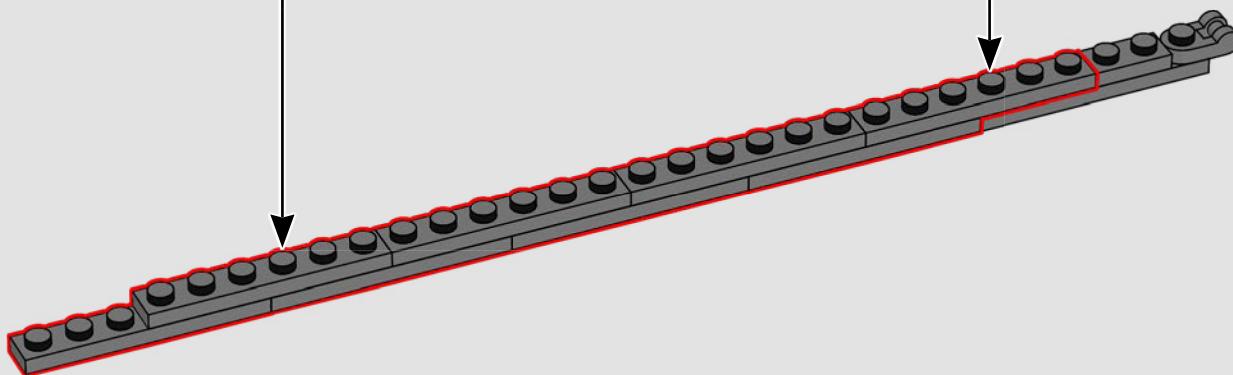




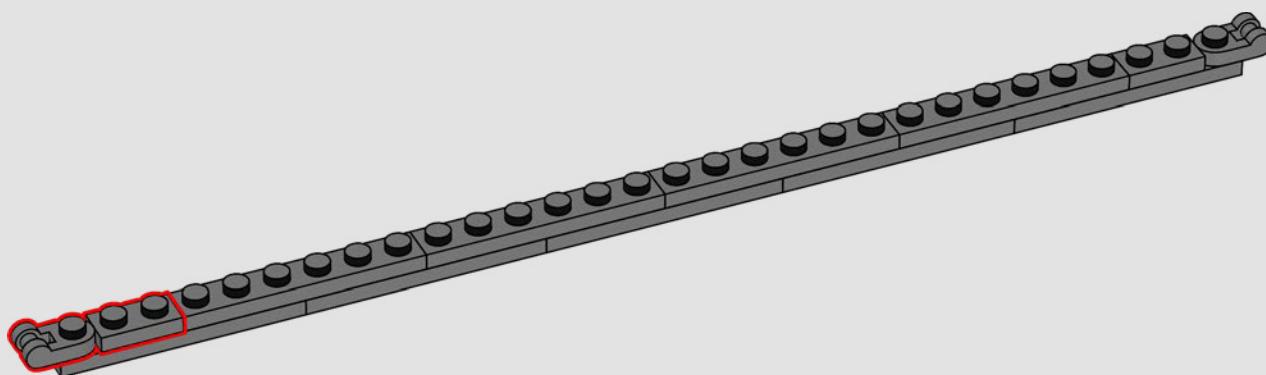
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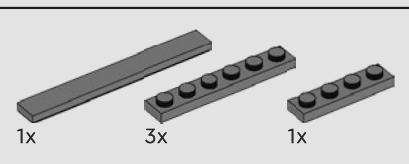
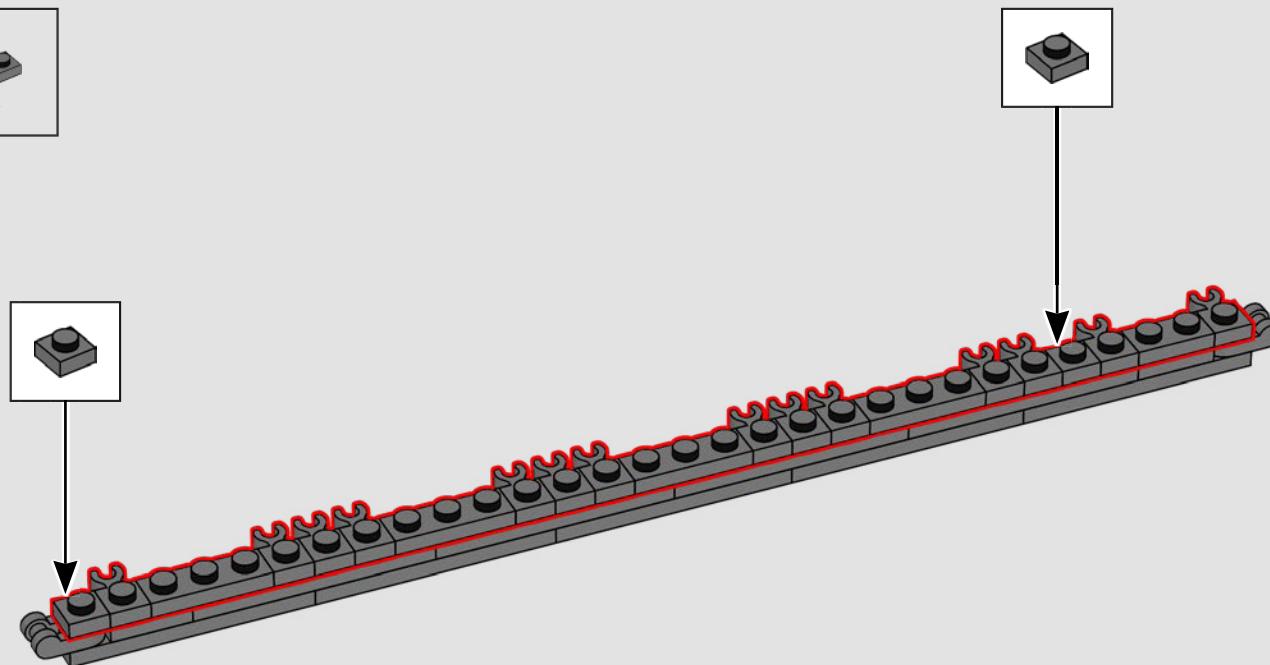


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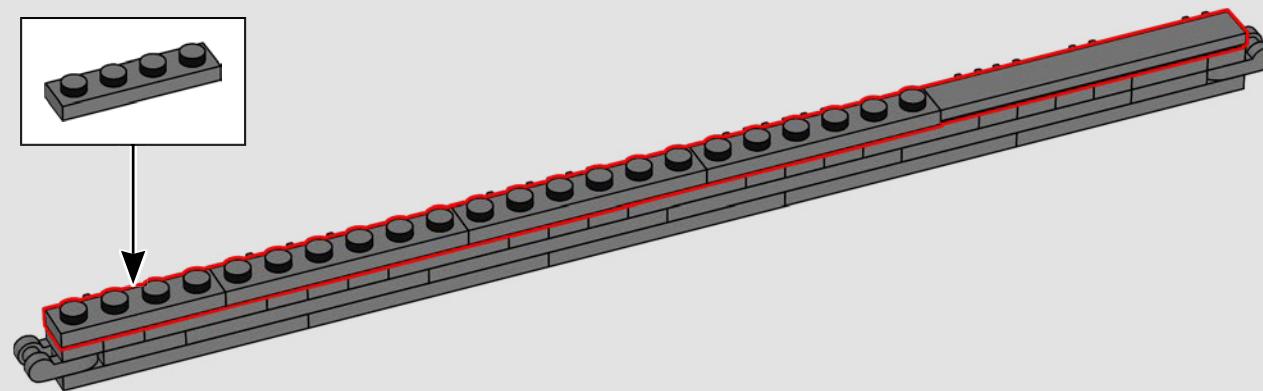


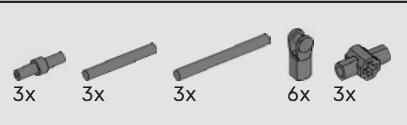


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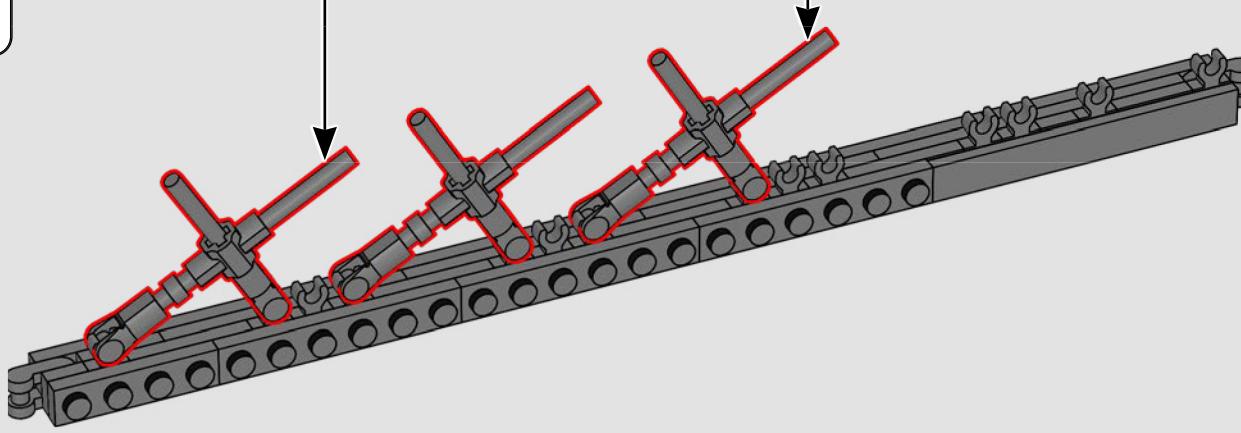
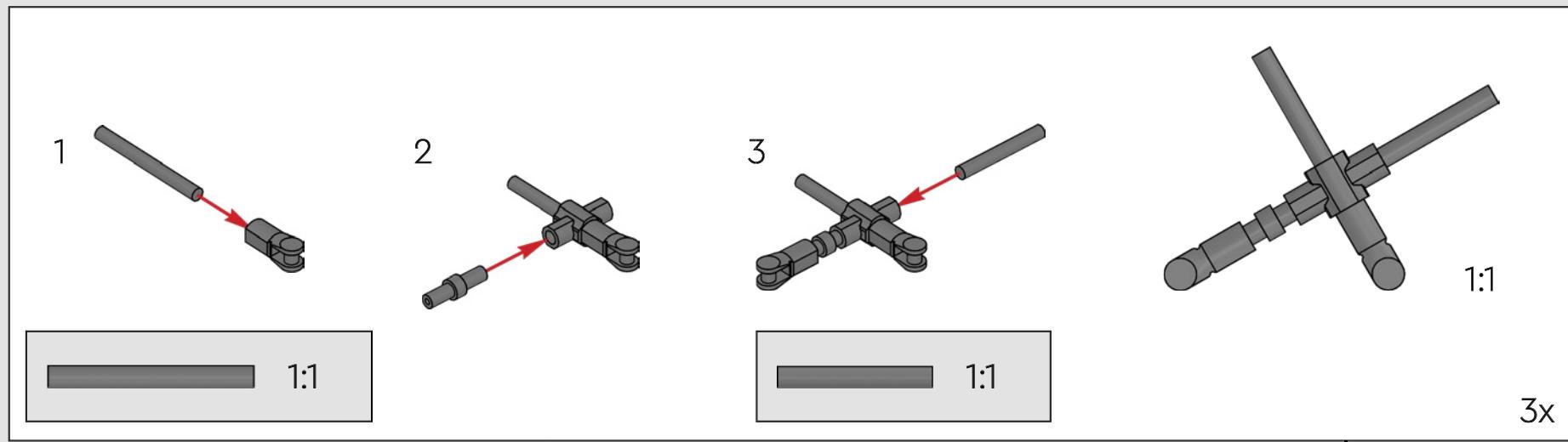


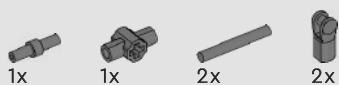
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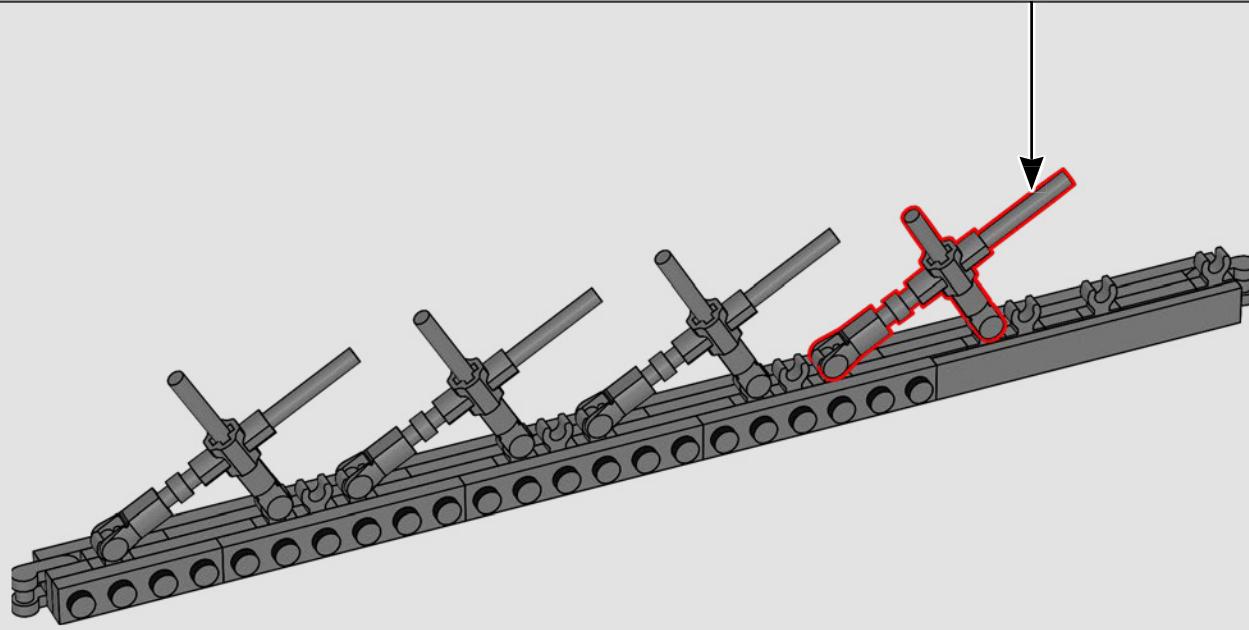
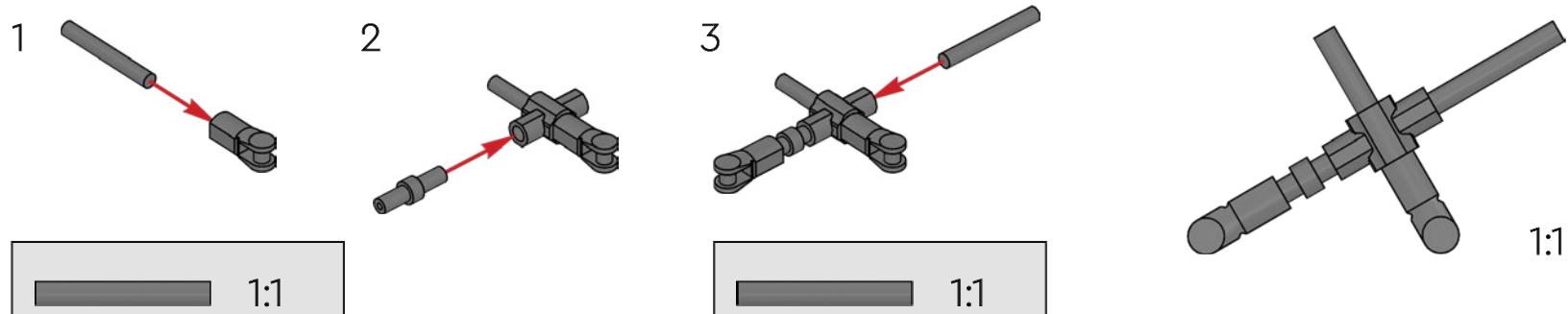


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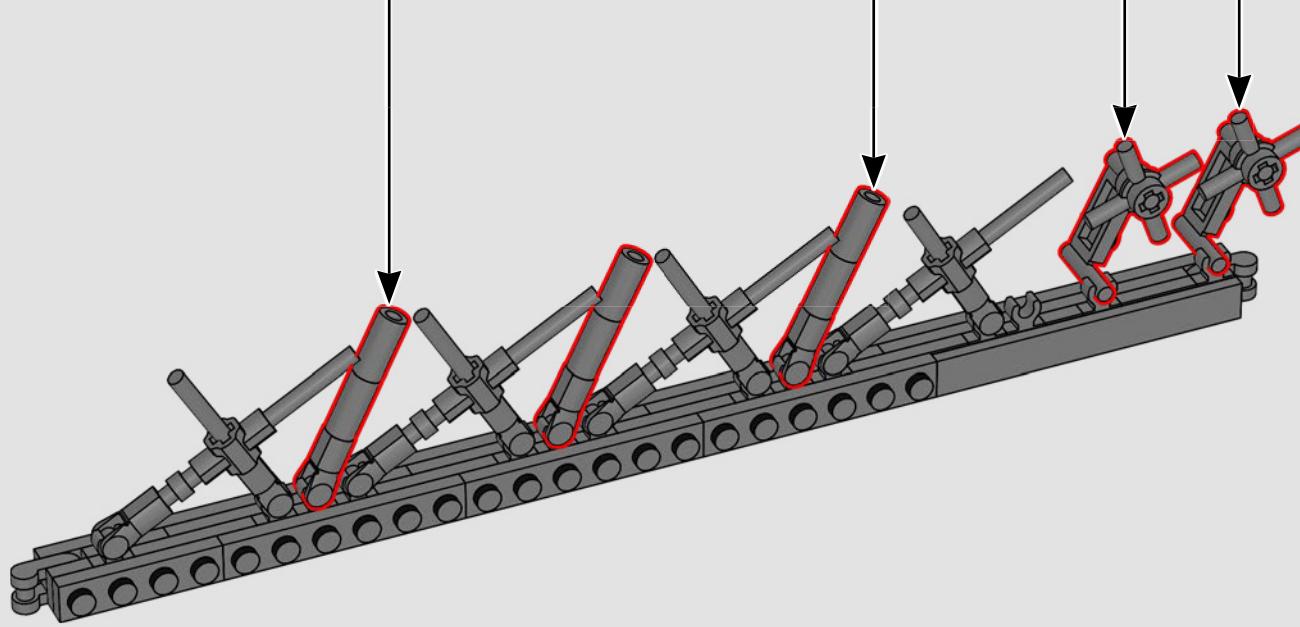
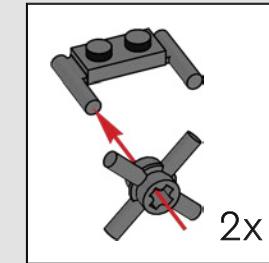
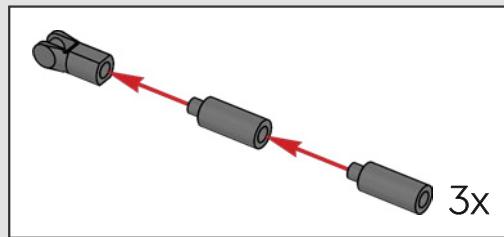


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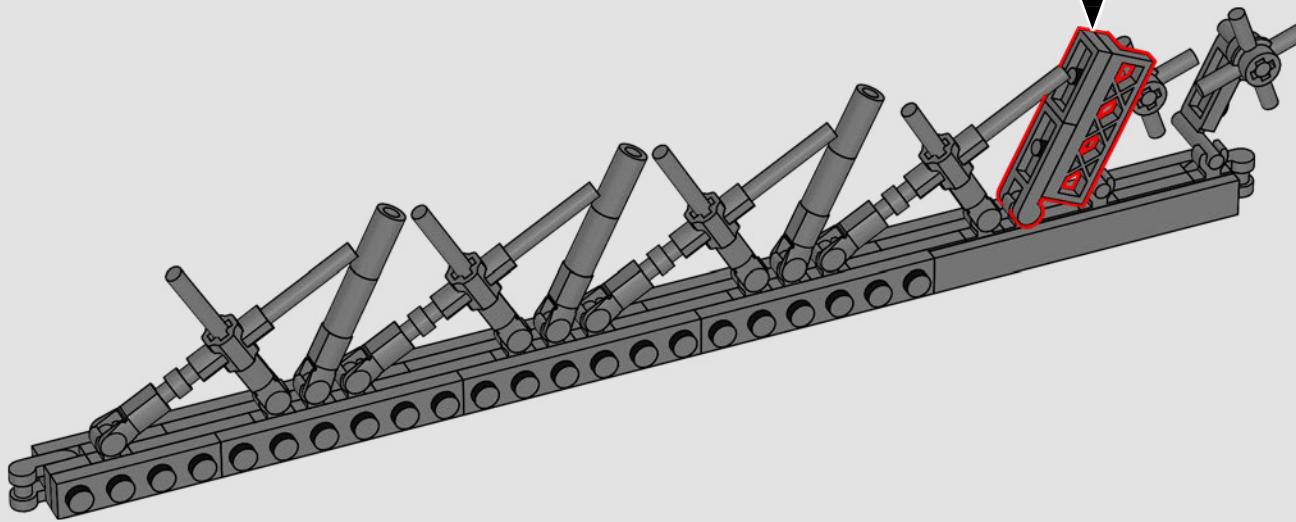
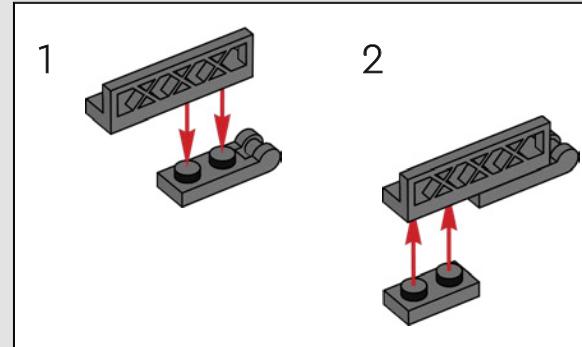


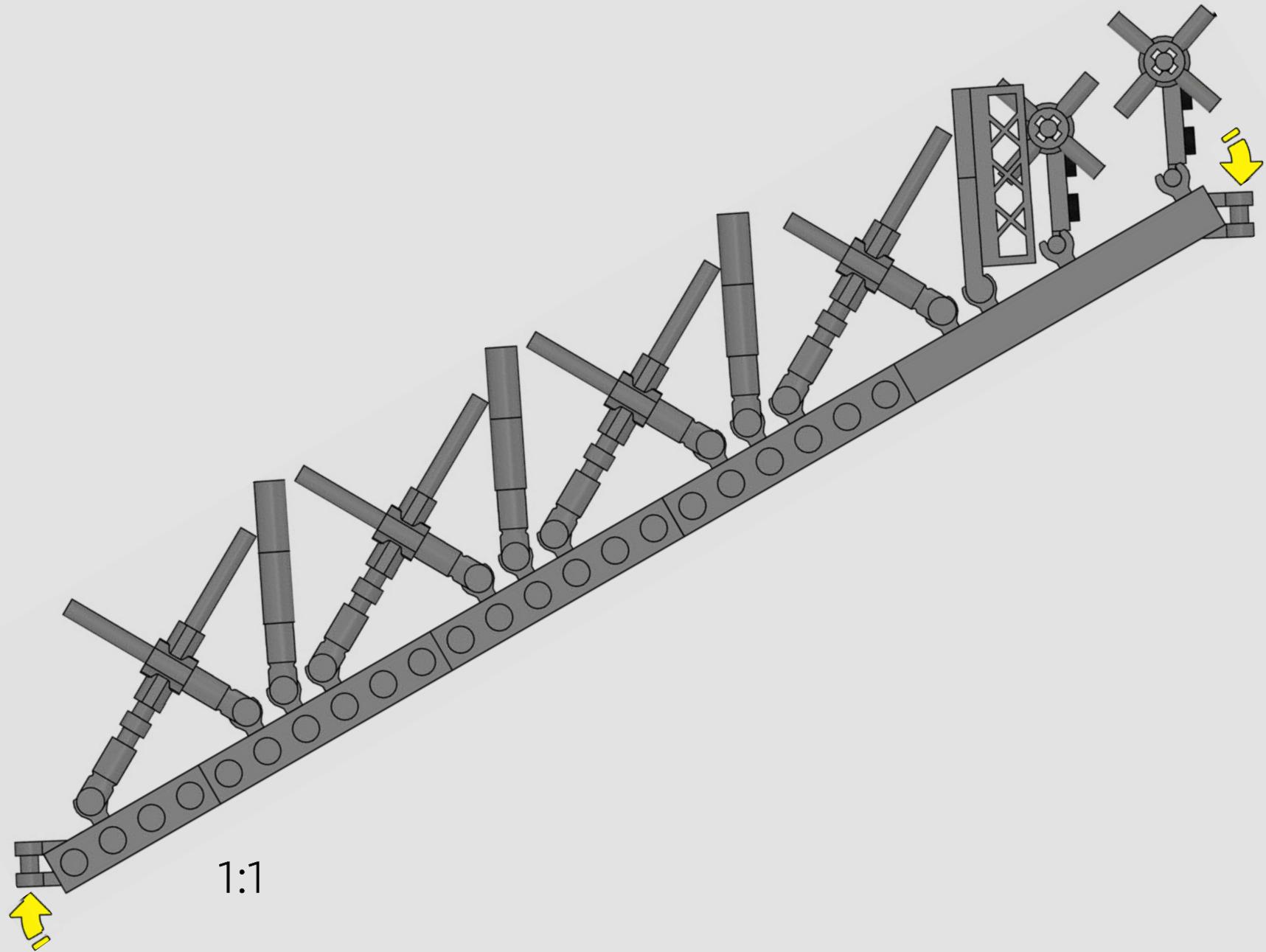
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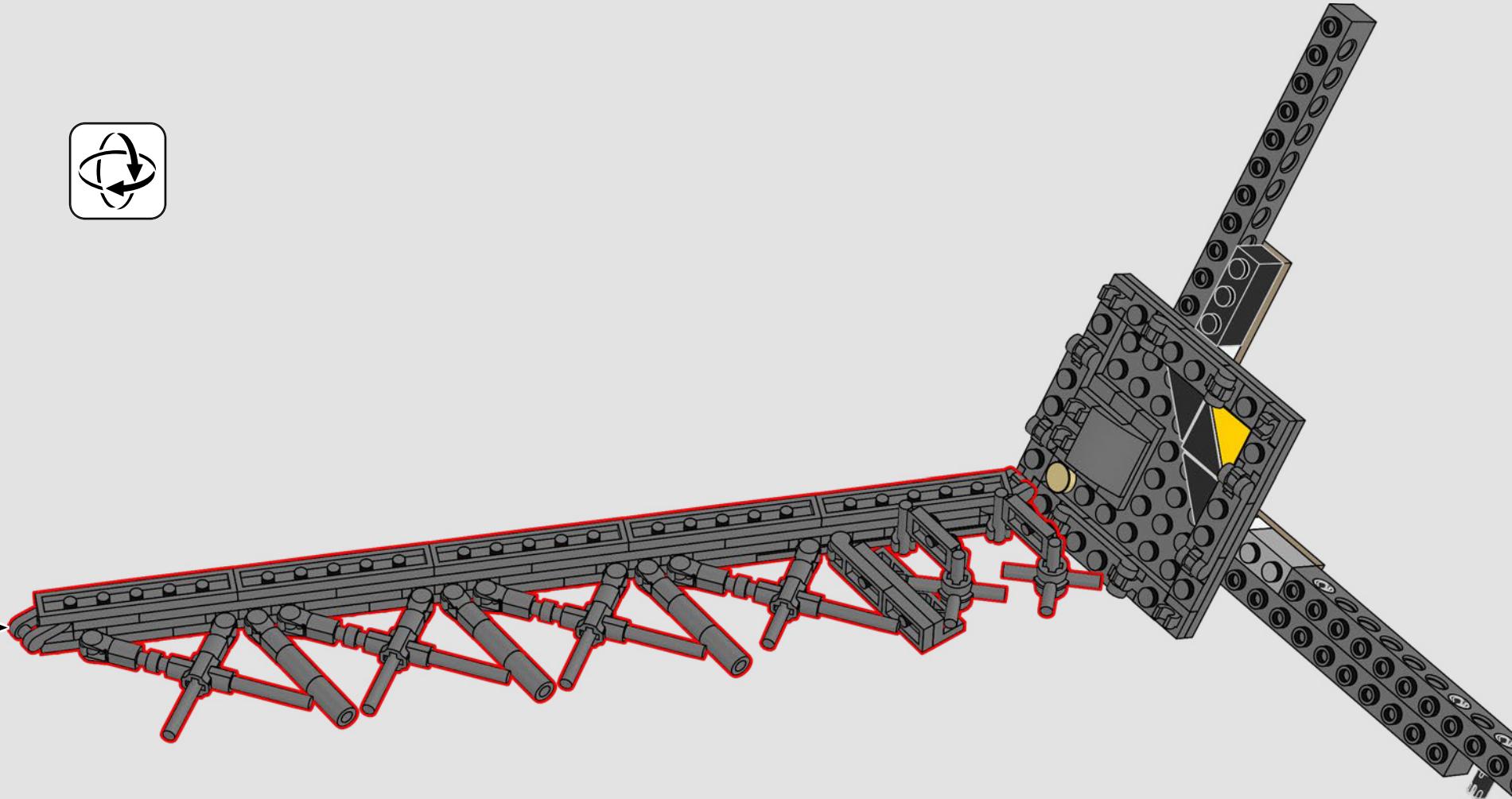


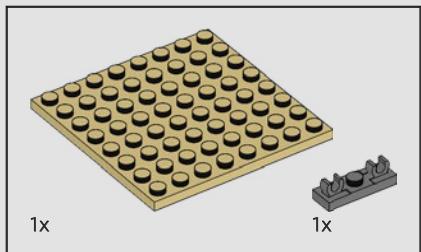
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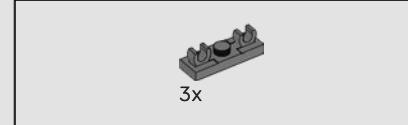
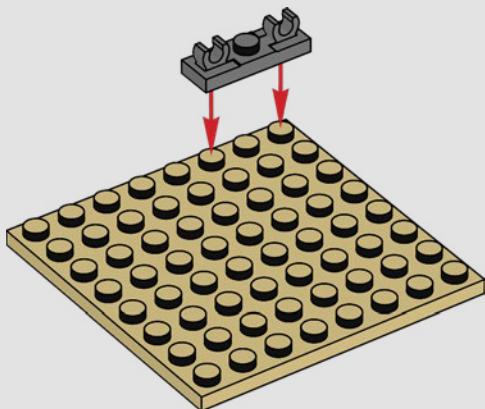


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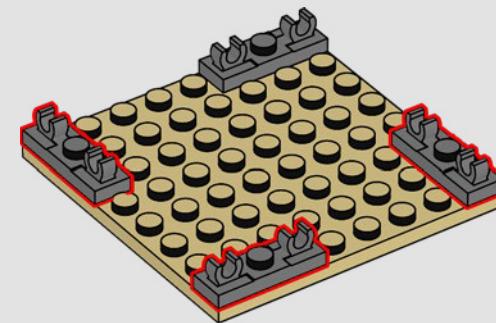




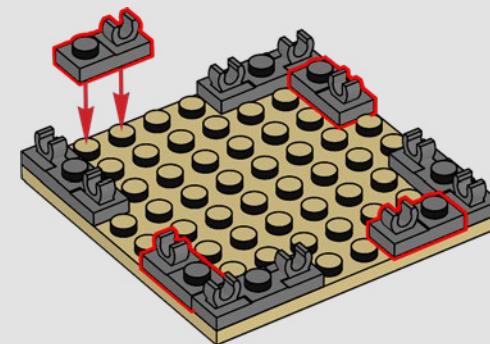
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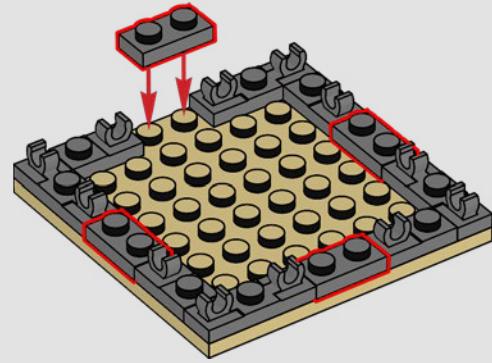


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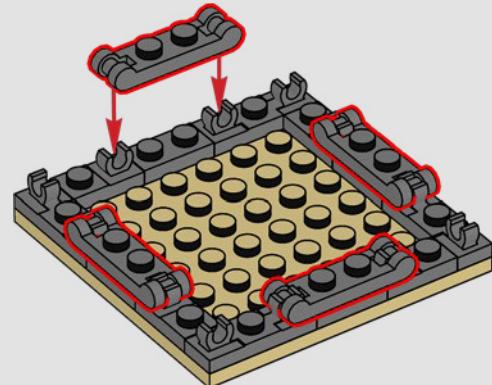




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118



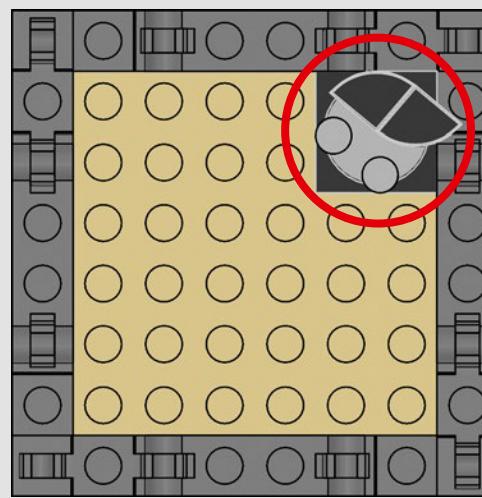
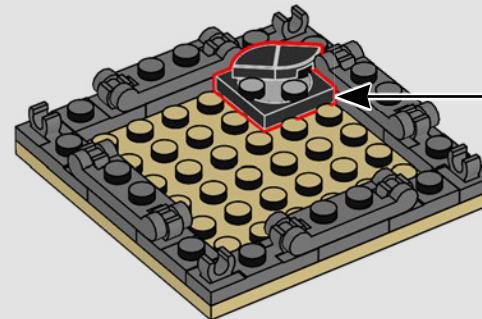
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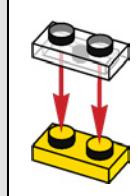
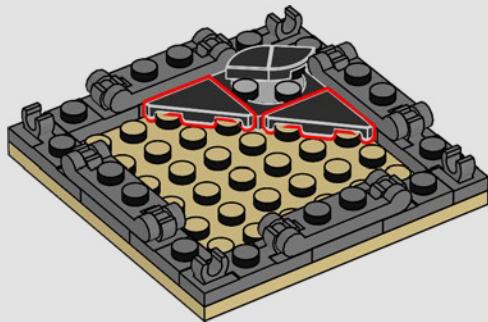


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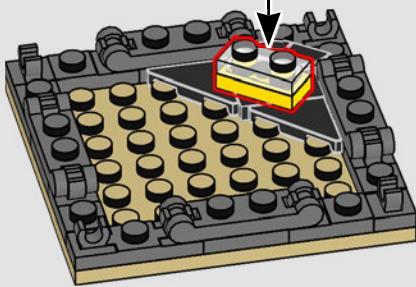




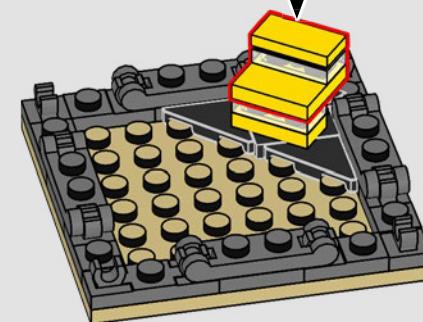
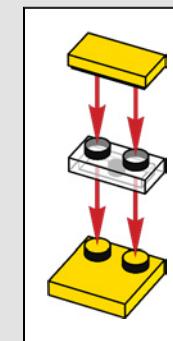
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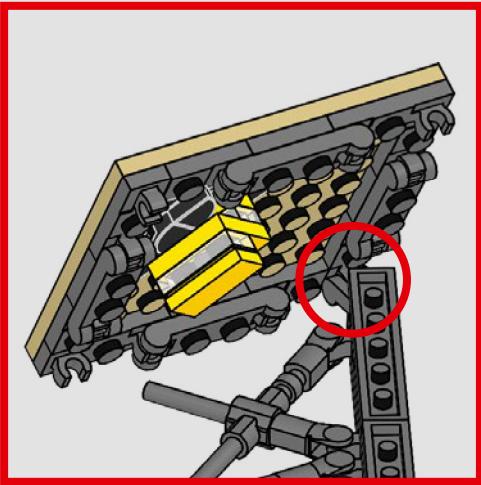
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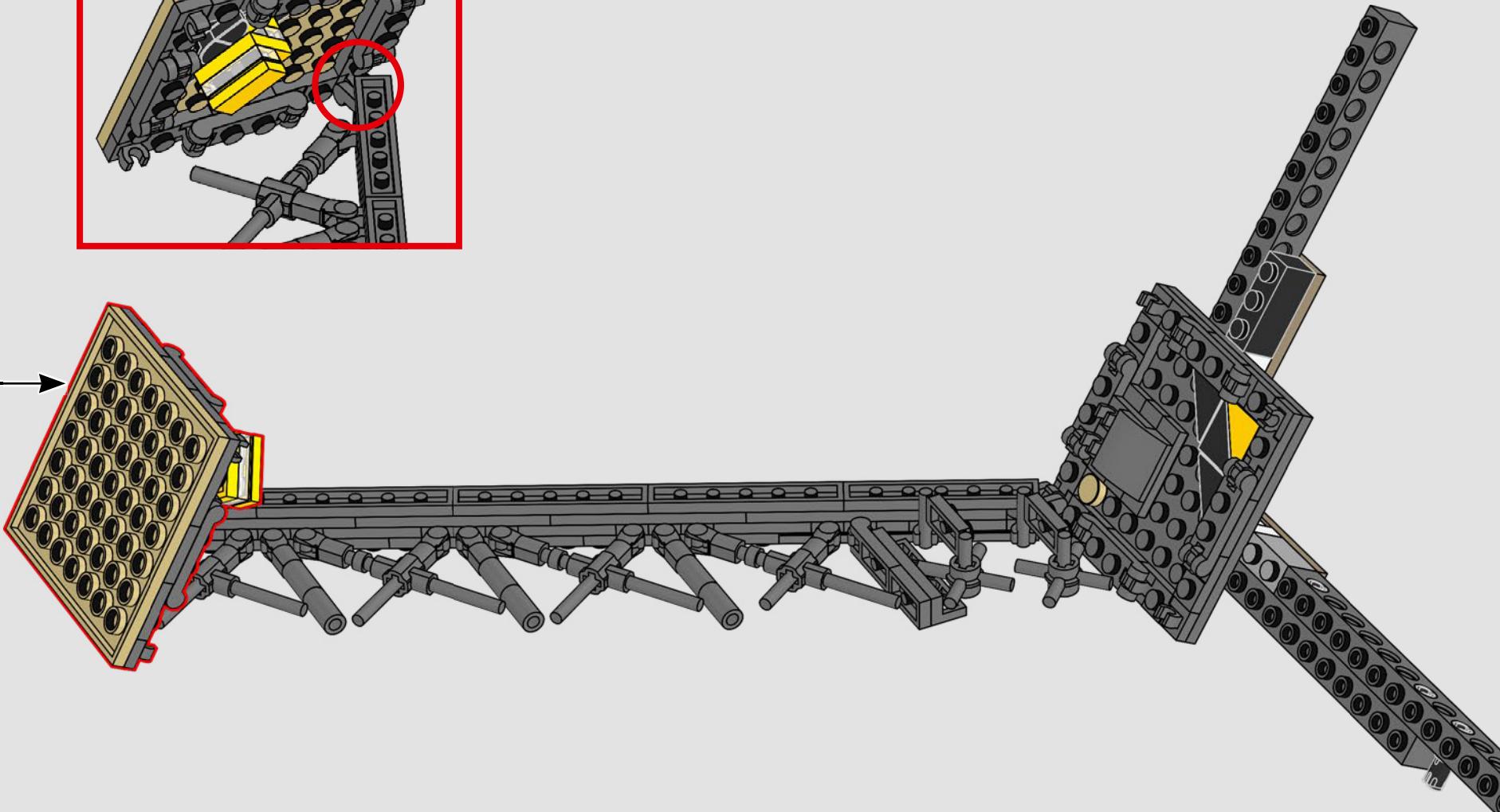
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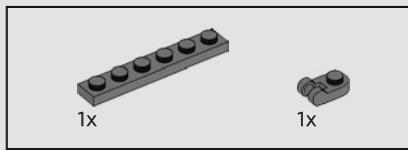
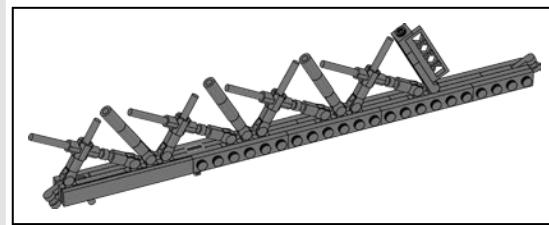


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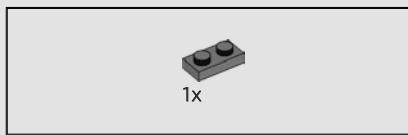
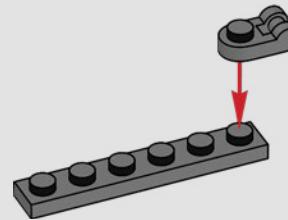


The two pairs of red and yellow double decker elevators in the model serve as colour guides to distinguish the north/south and east/west pair of legs.

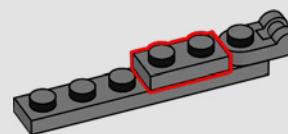




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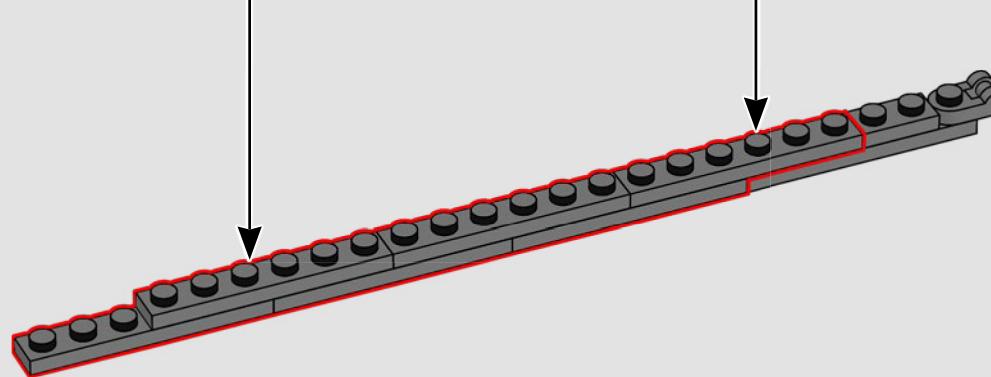
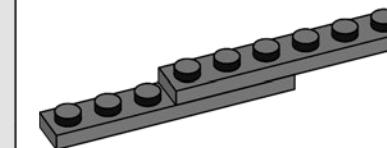


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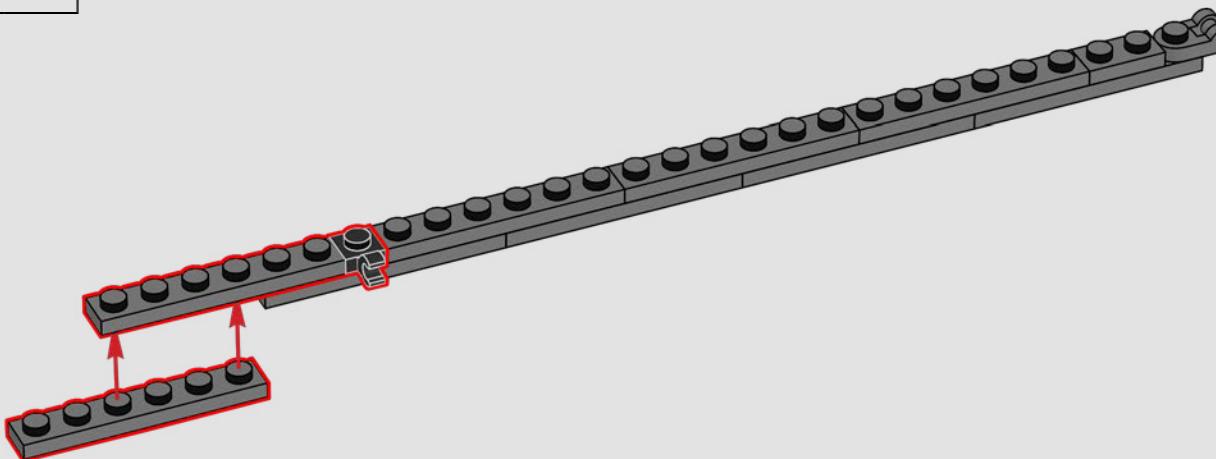




126



127



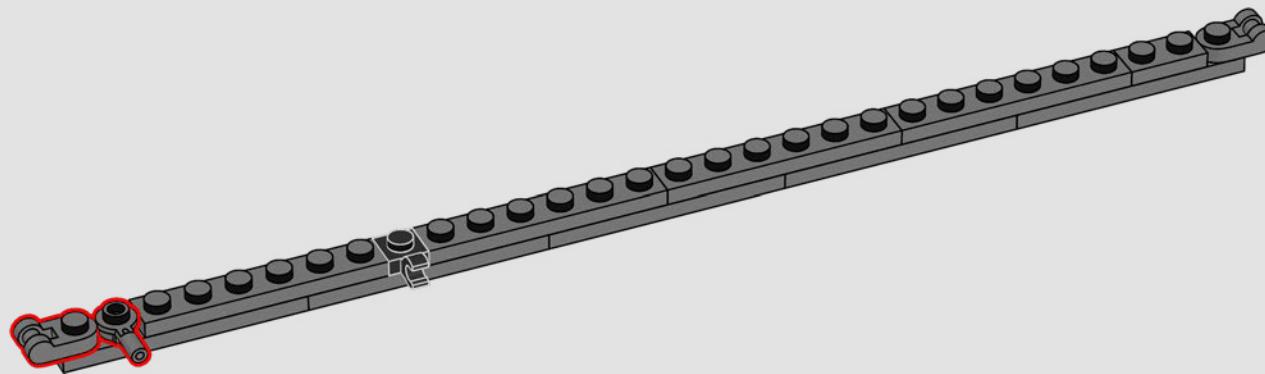


1x



1x

128

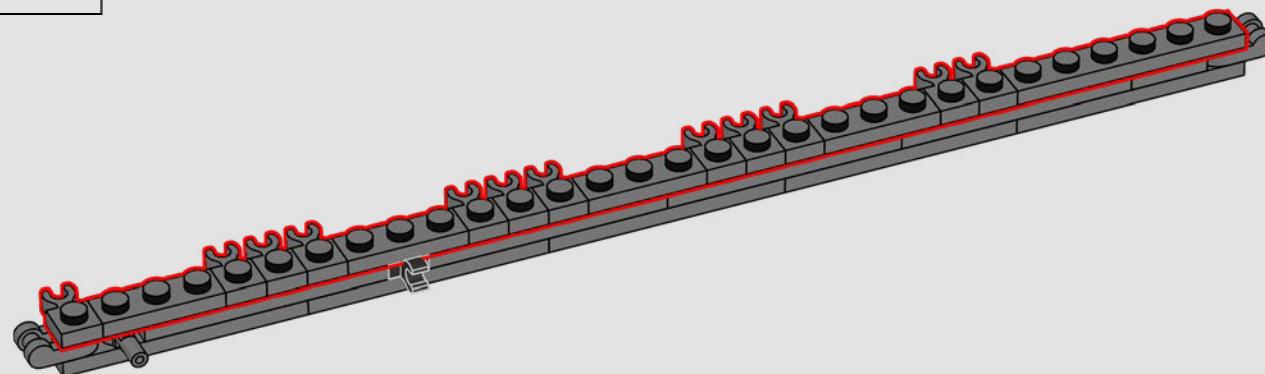


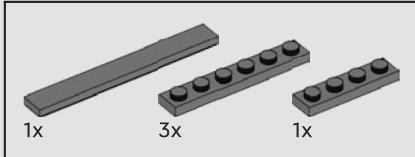
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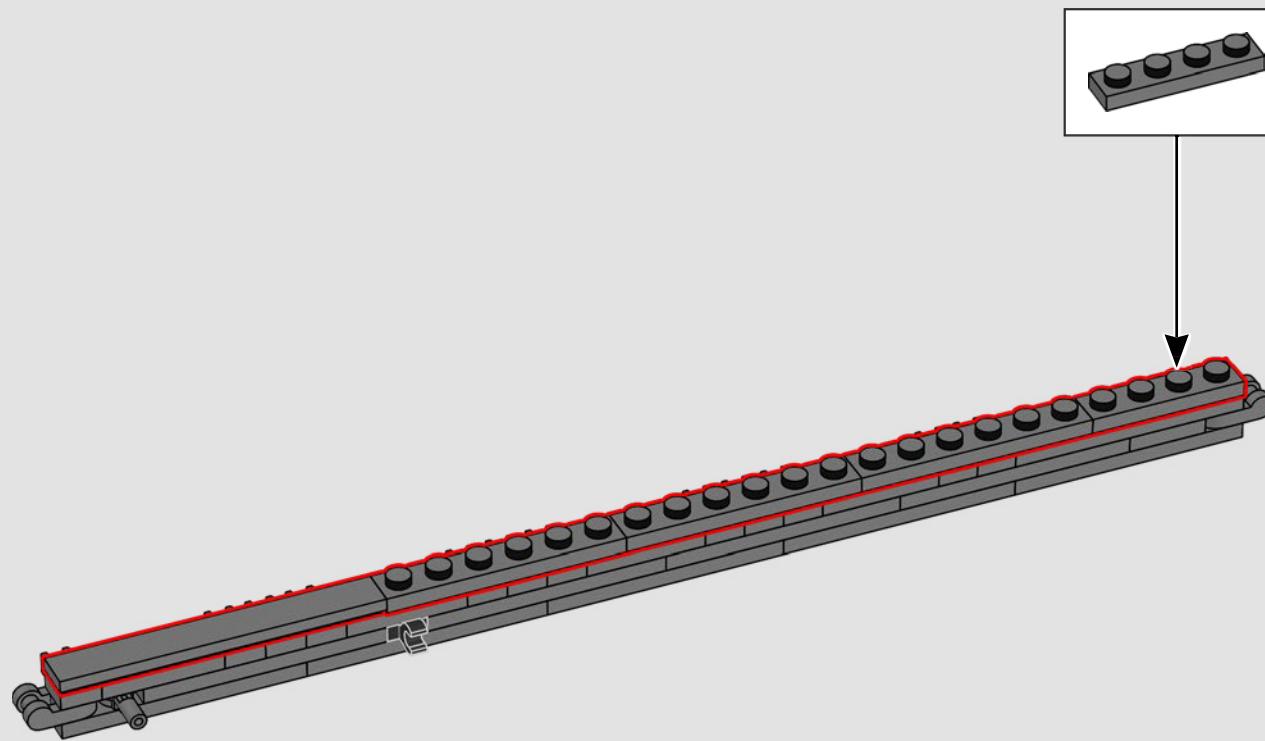
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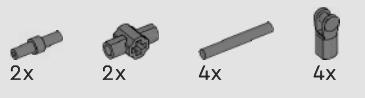
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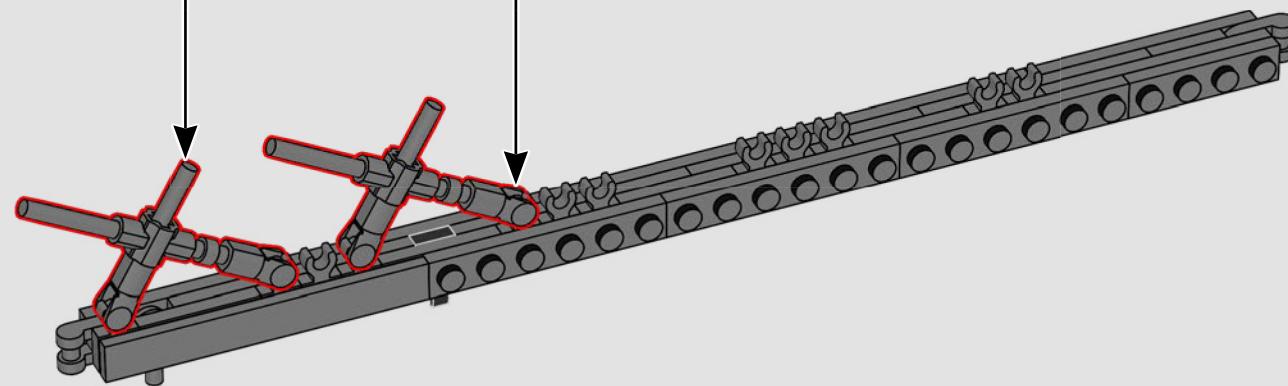
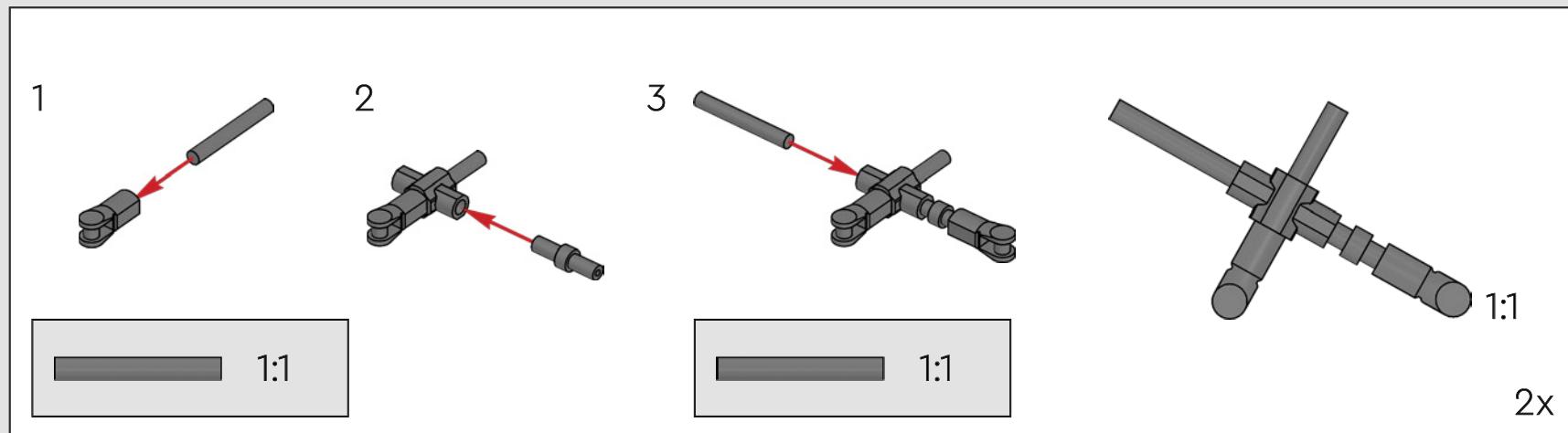


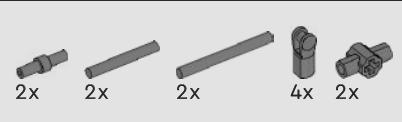
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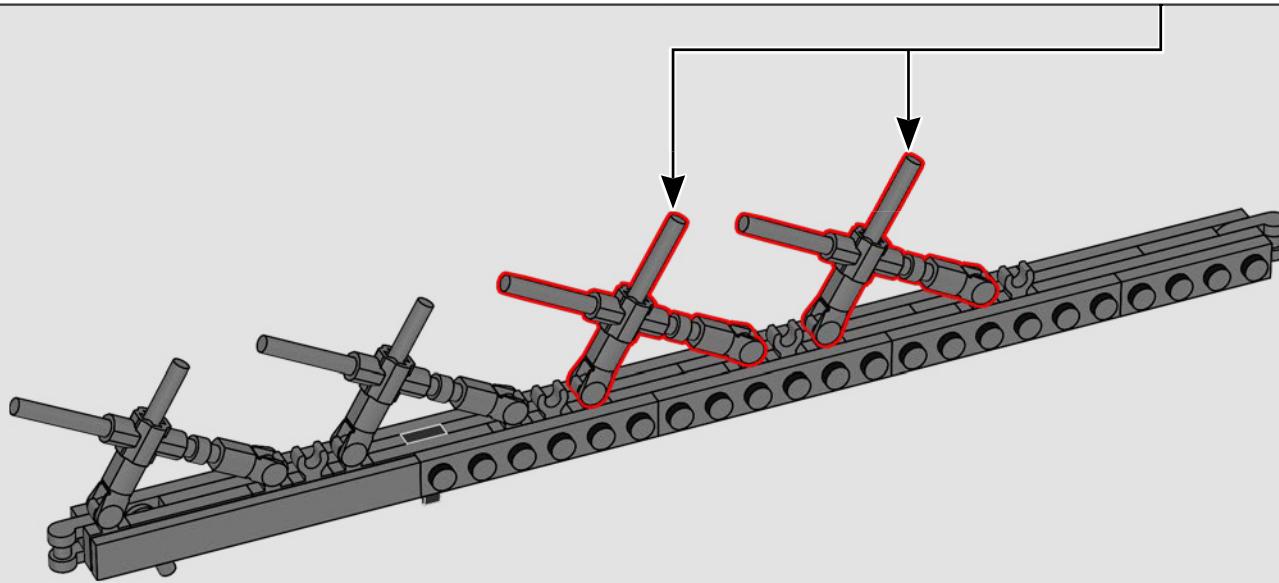
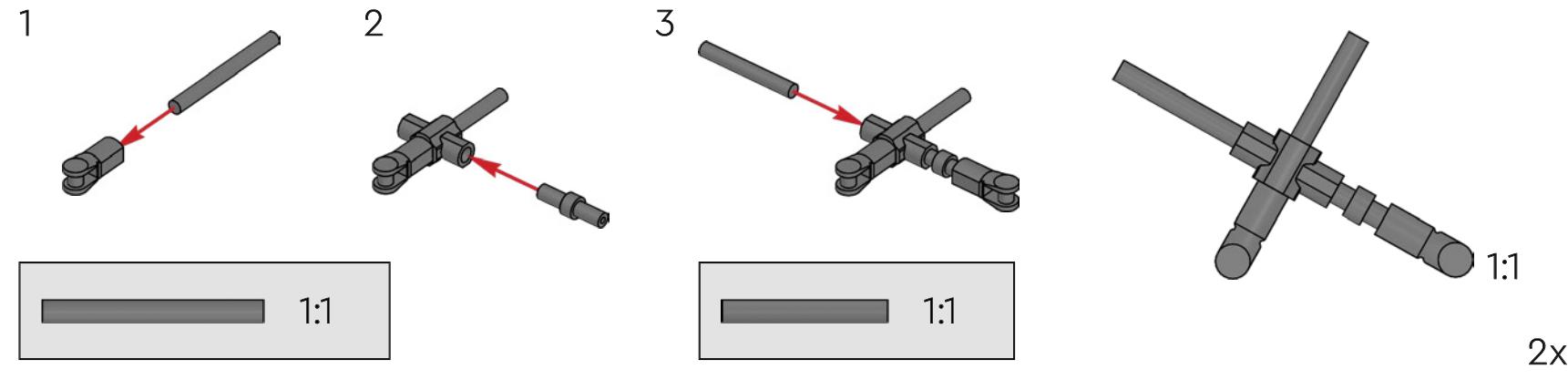


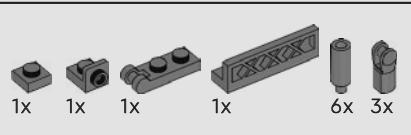
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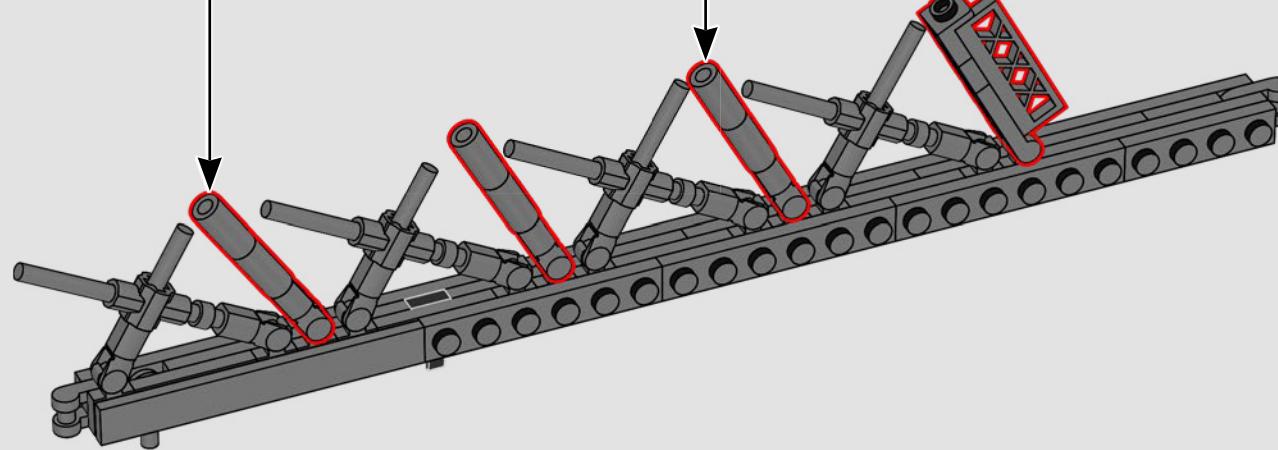
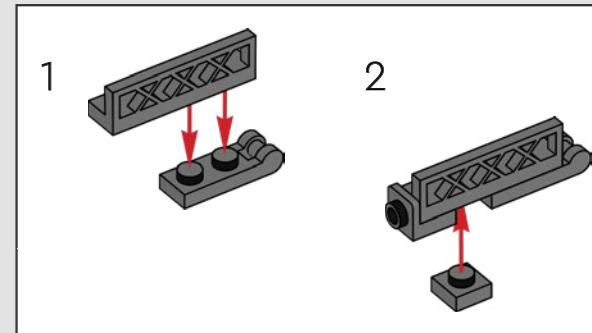
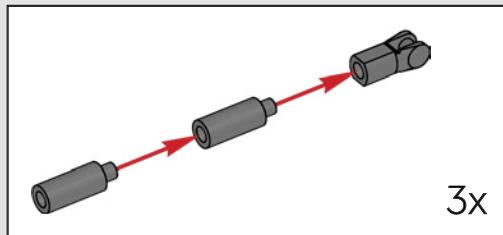


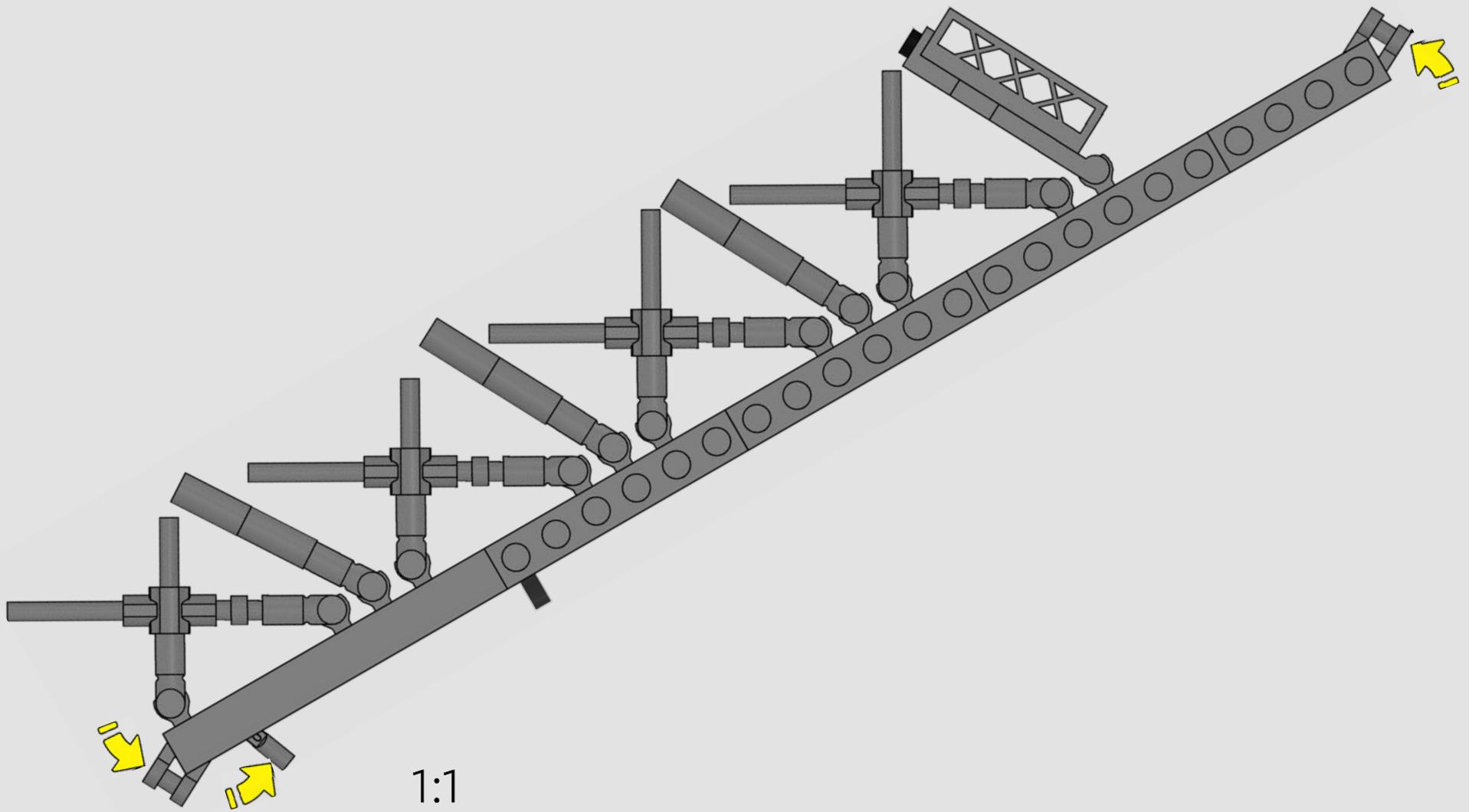
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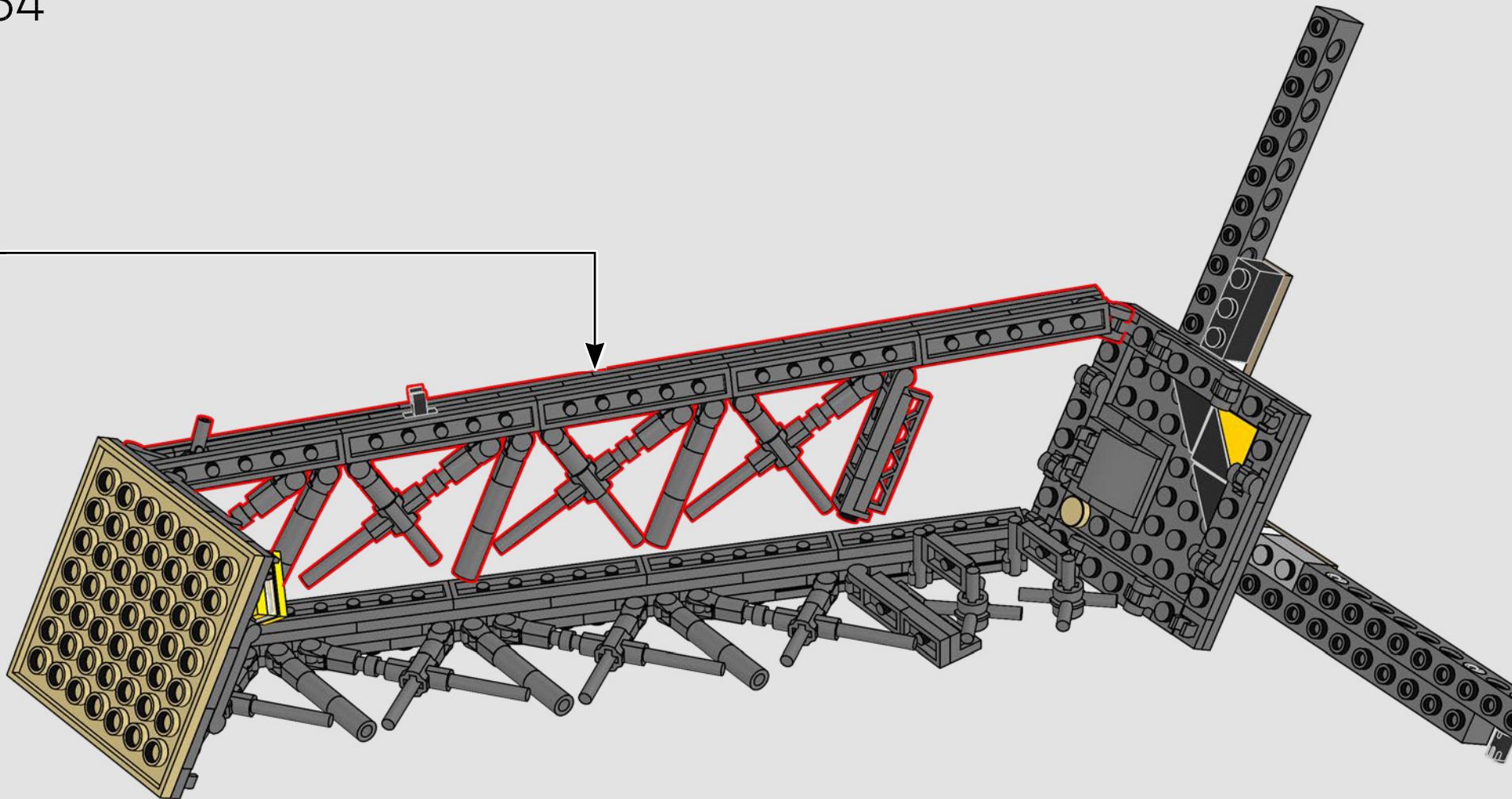


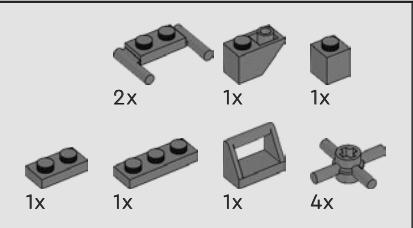
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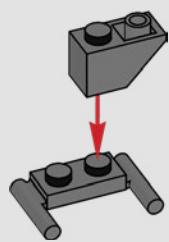
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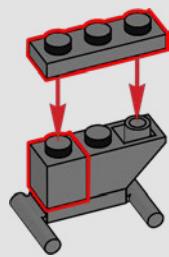


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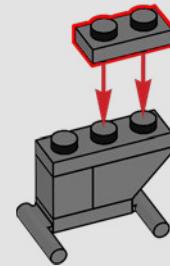
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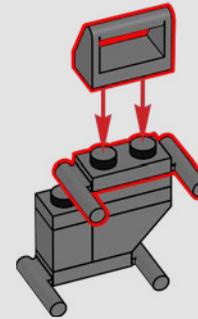
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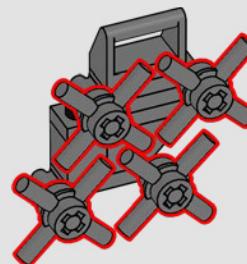
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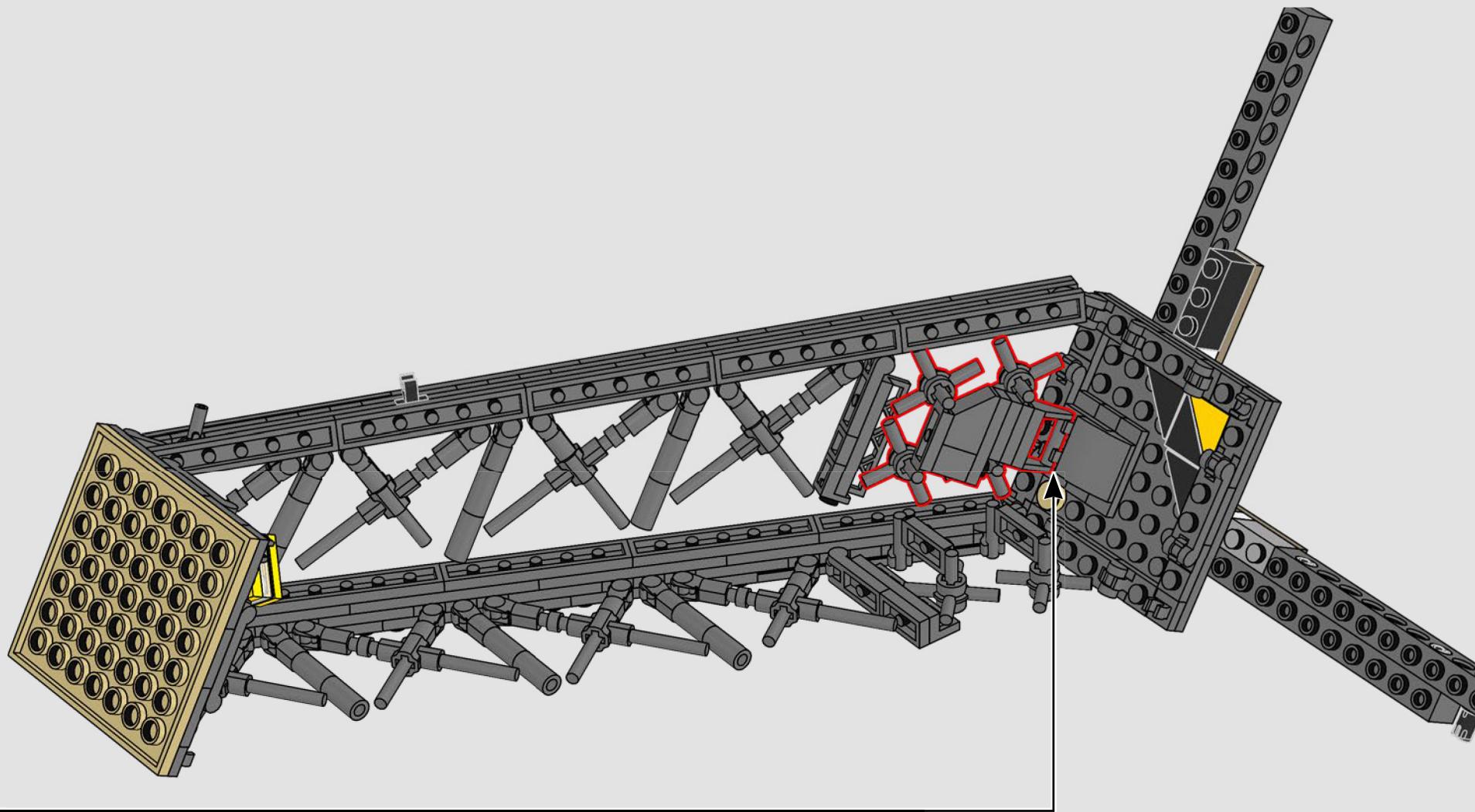


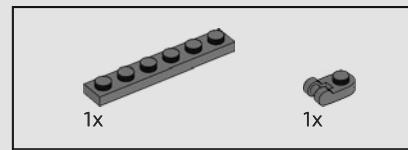
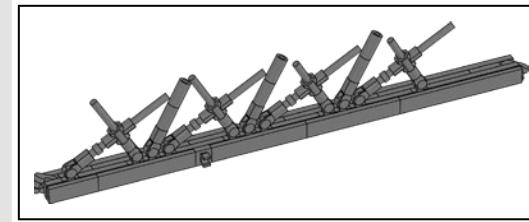
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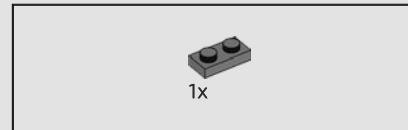
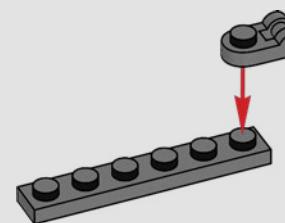
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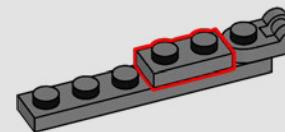


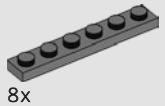


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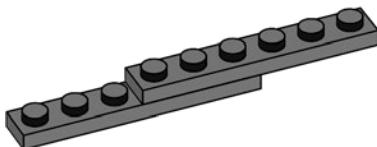


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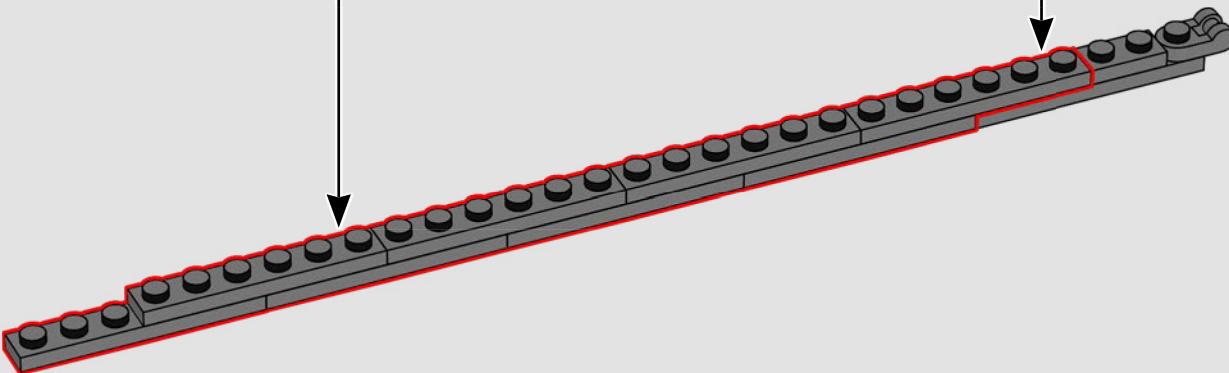


8x



4x

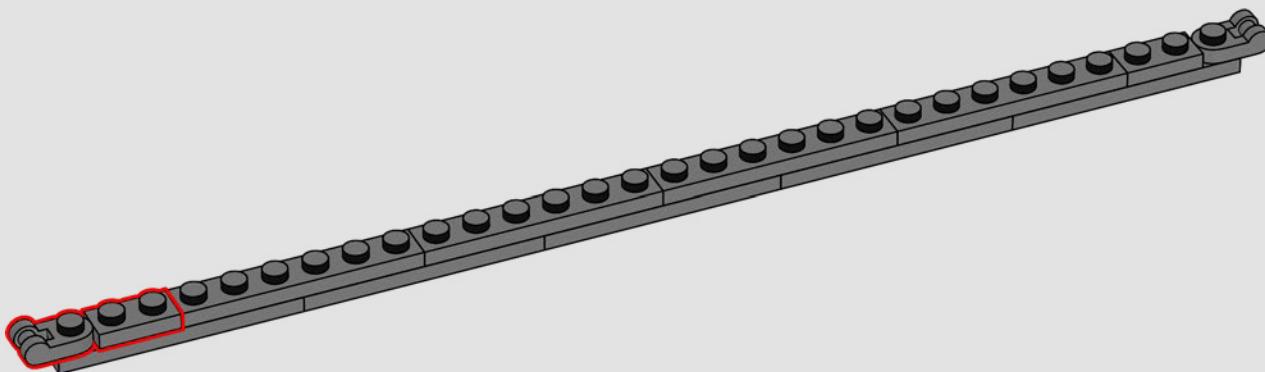
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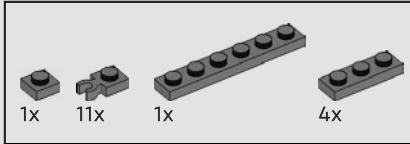


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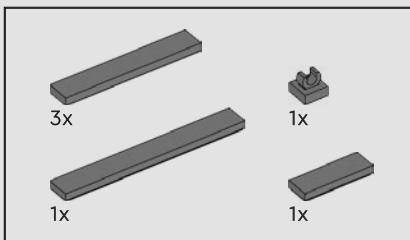
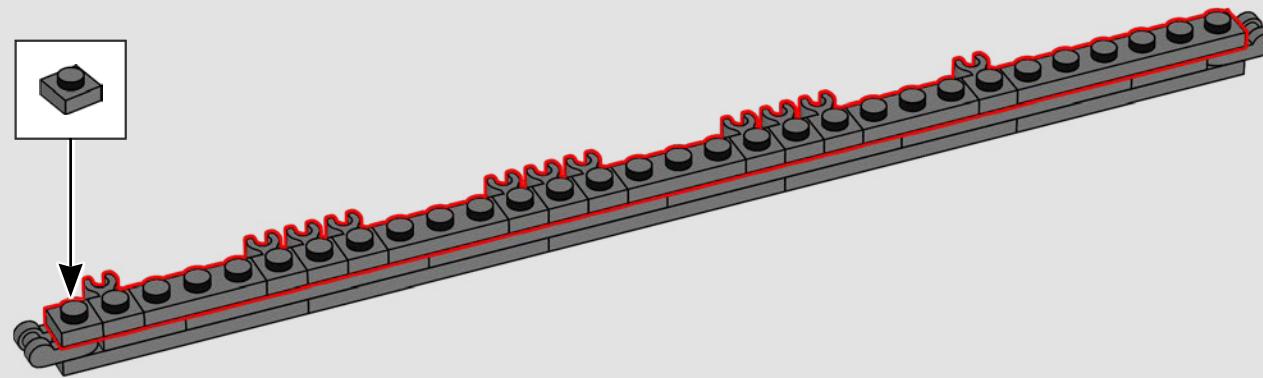
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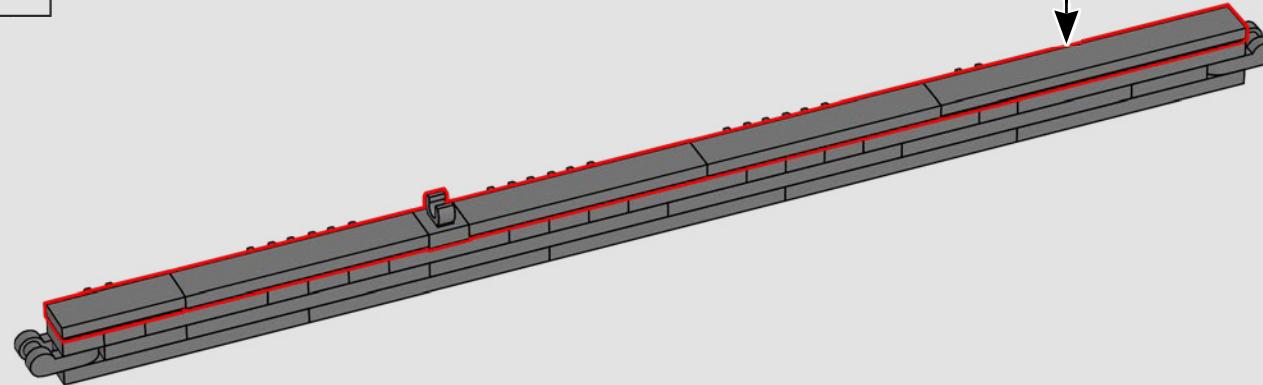


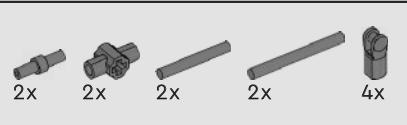


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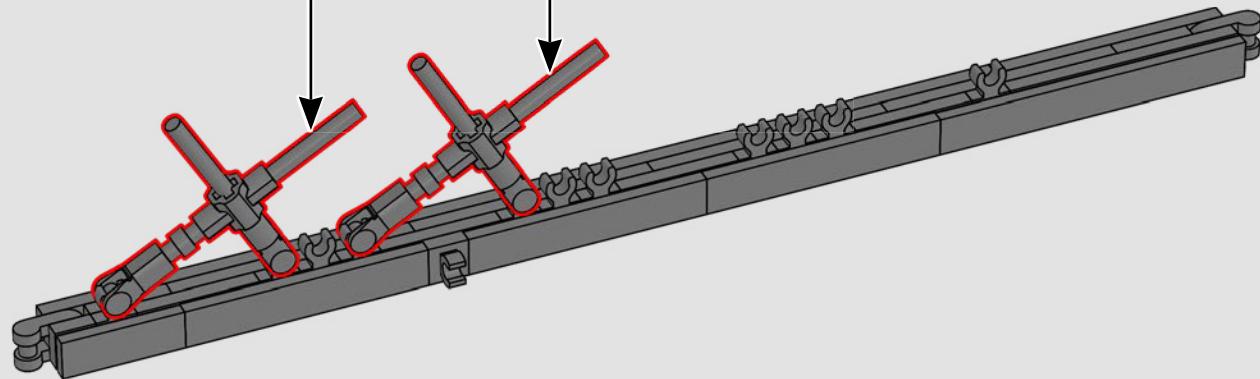
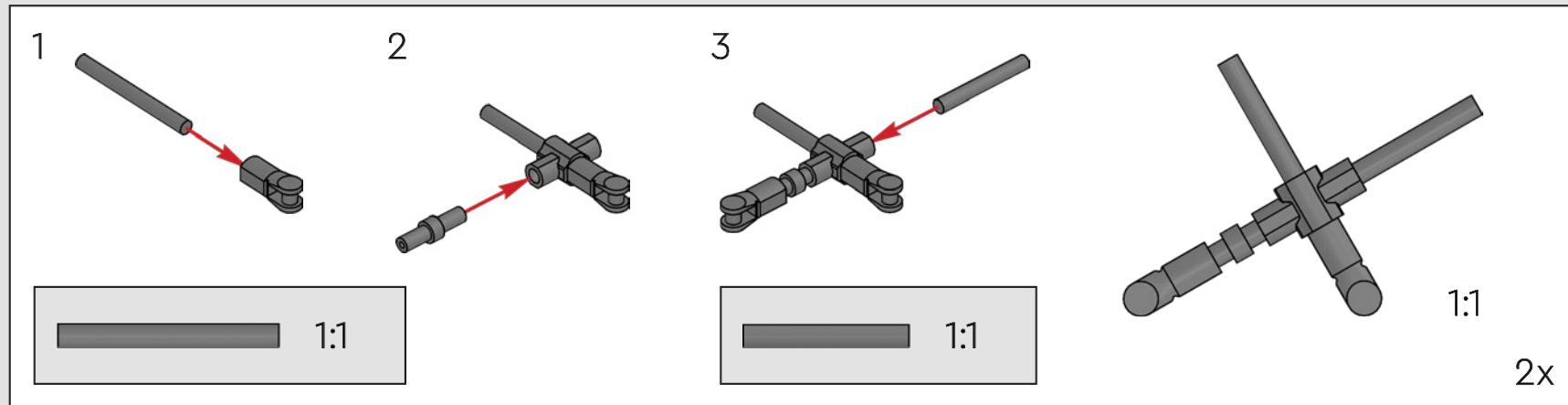


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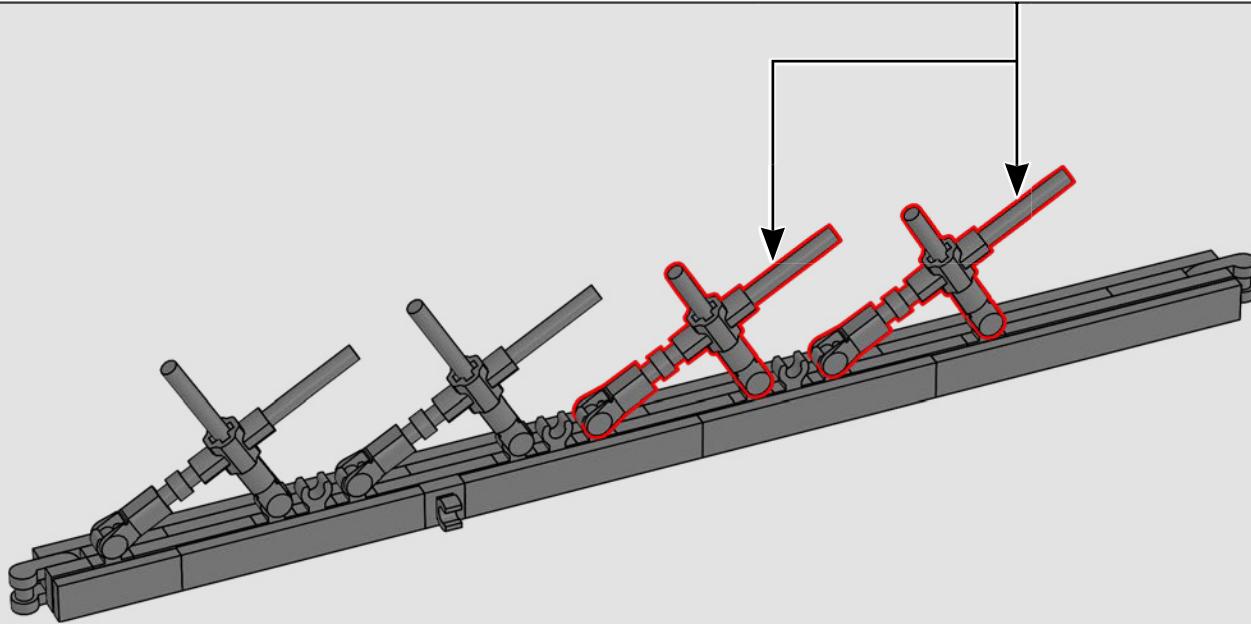
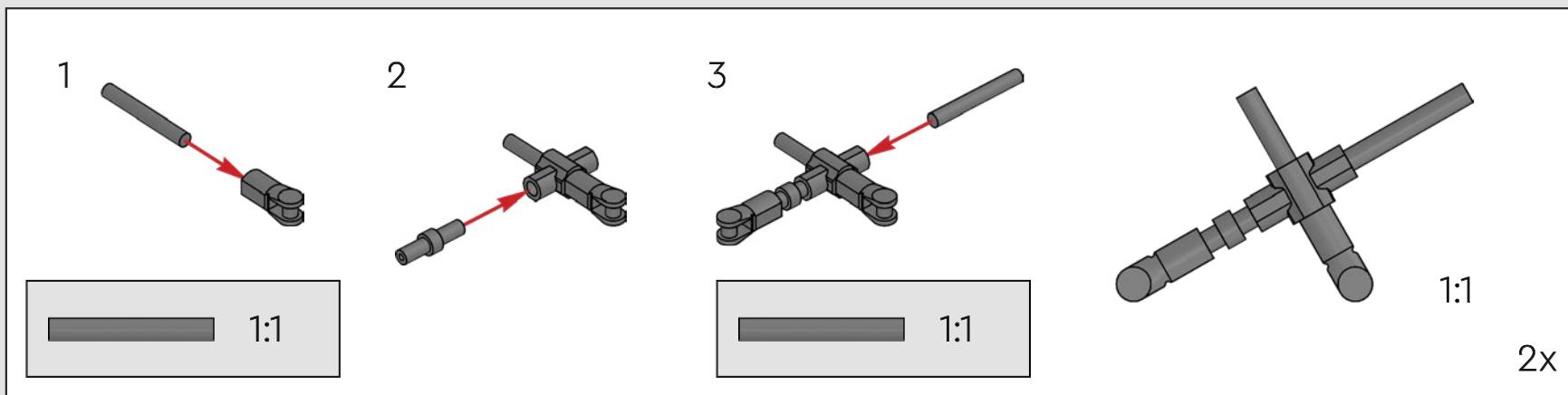


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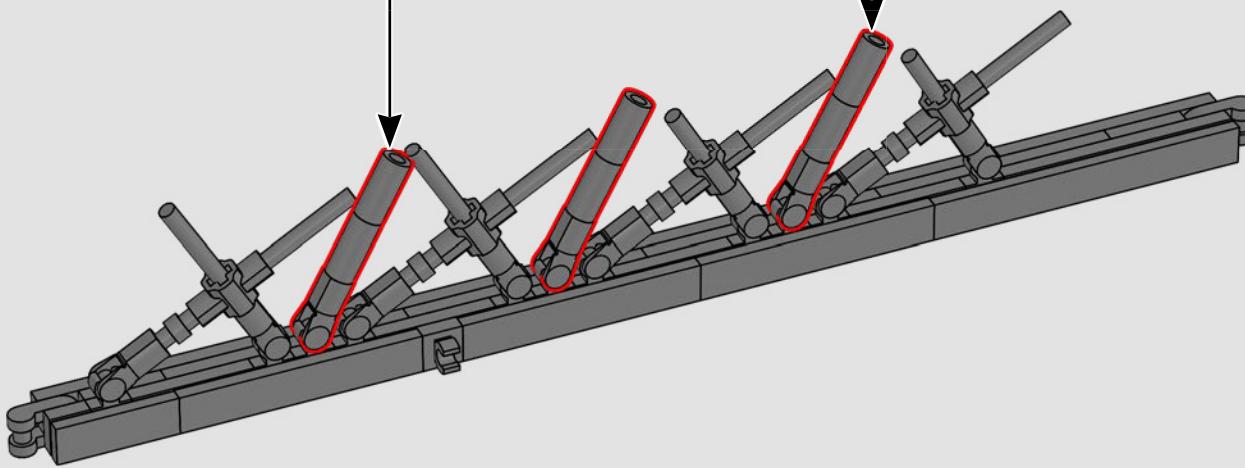
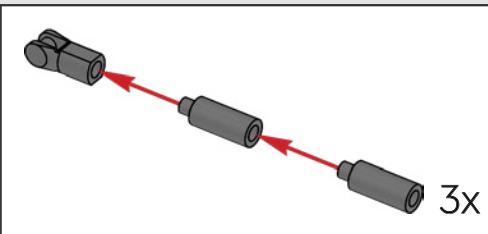


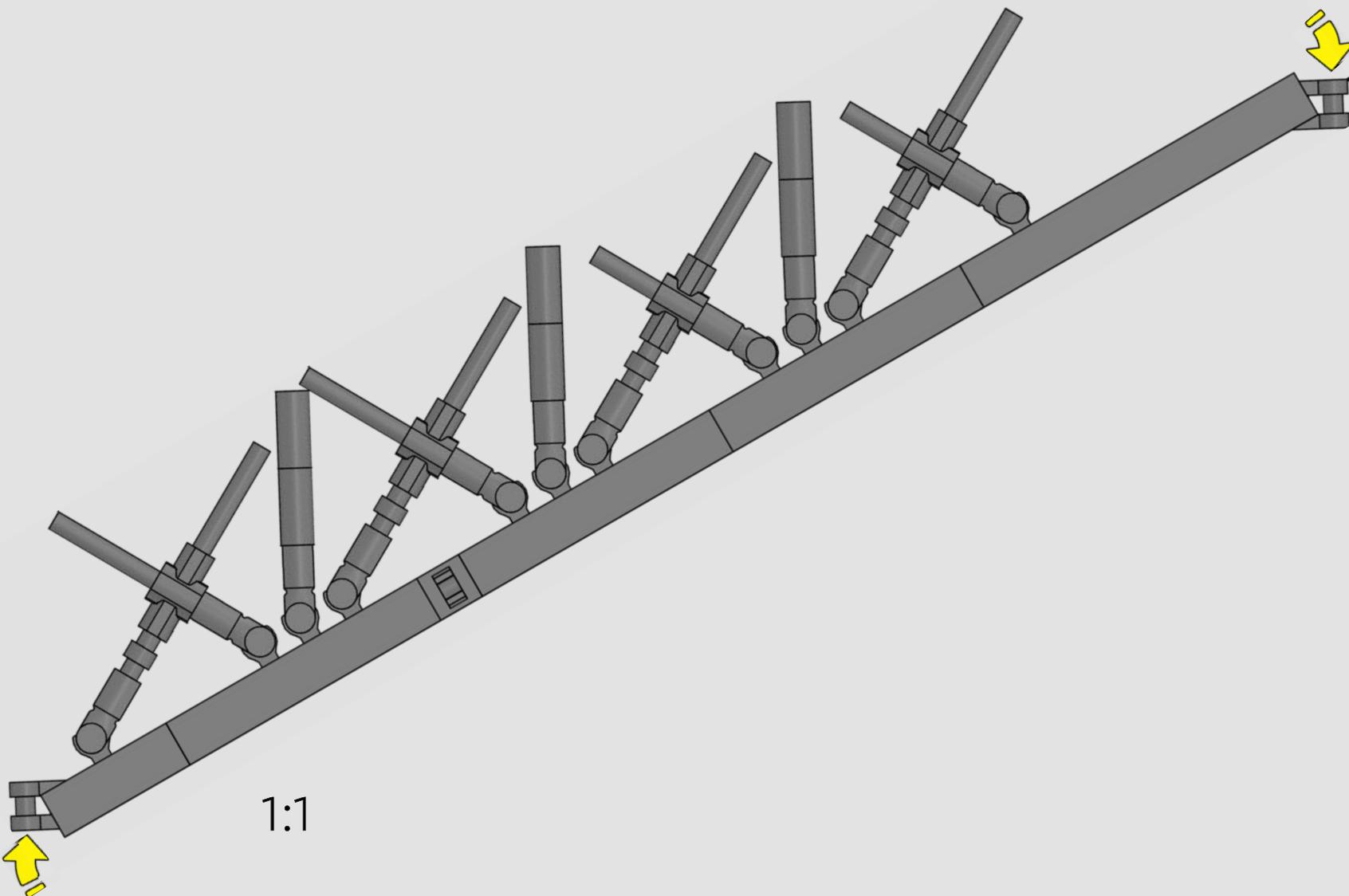
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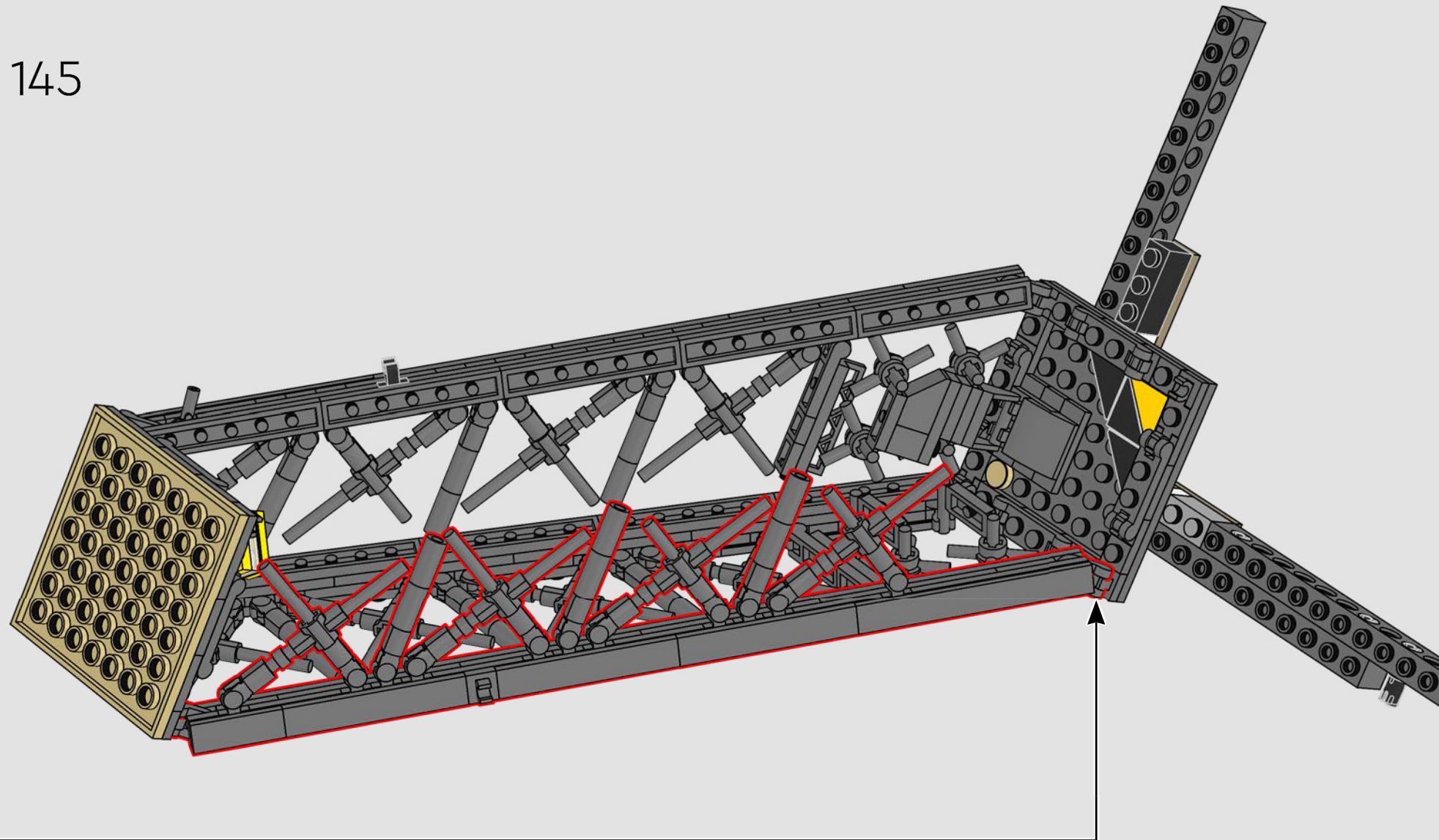


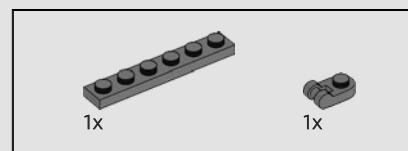
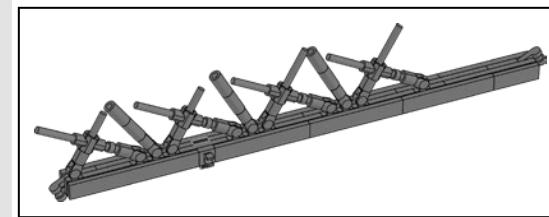
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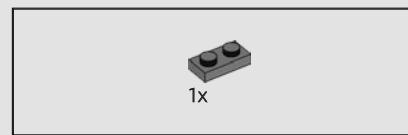
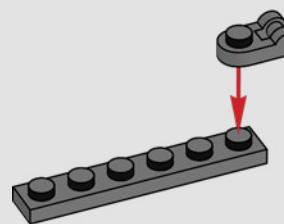


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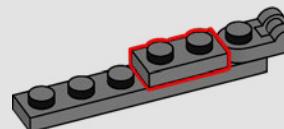


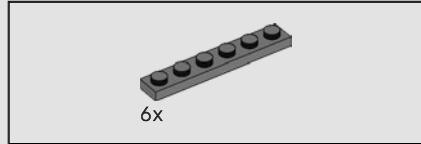


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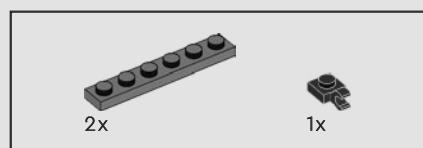
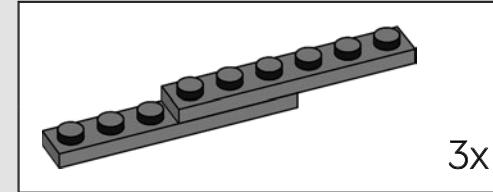


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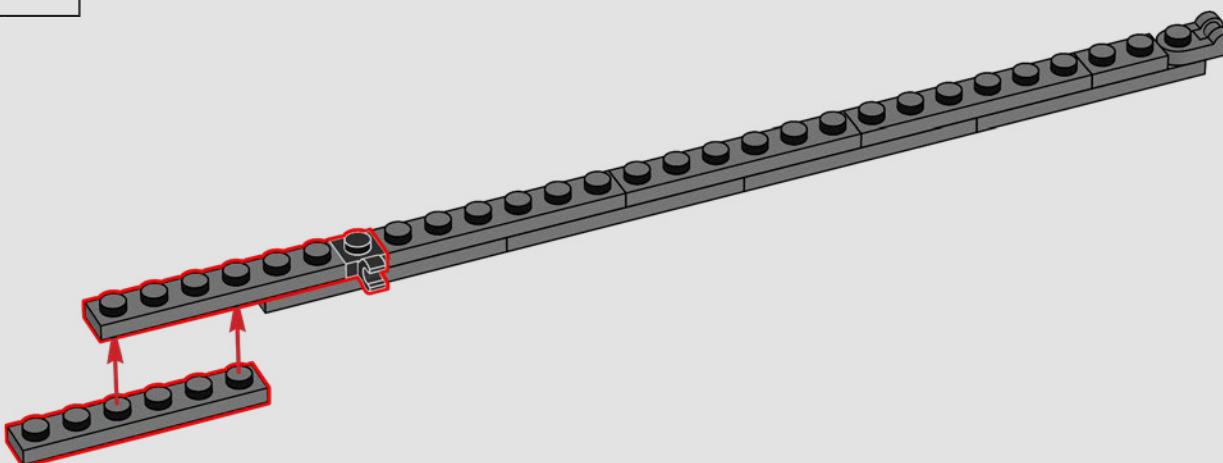
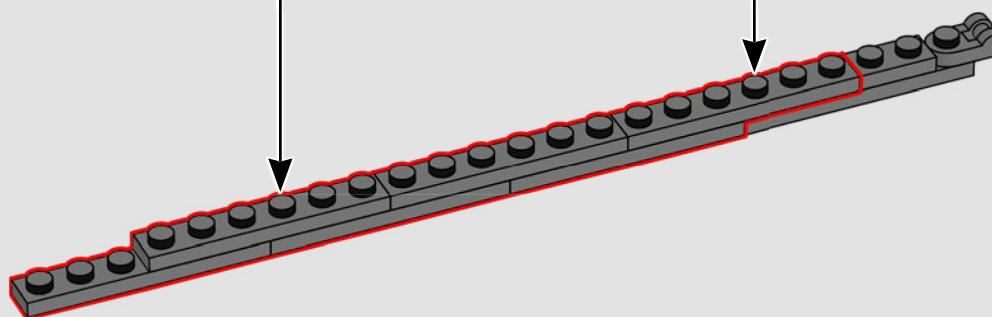




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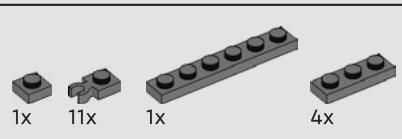
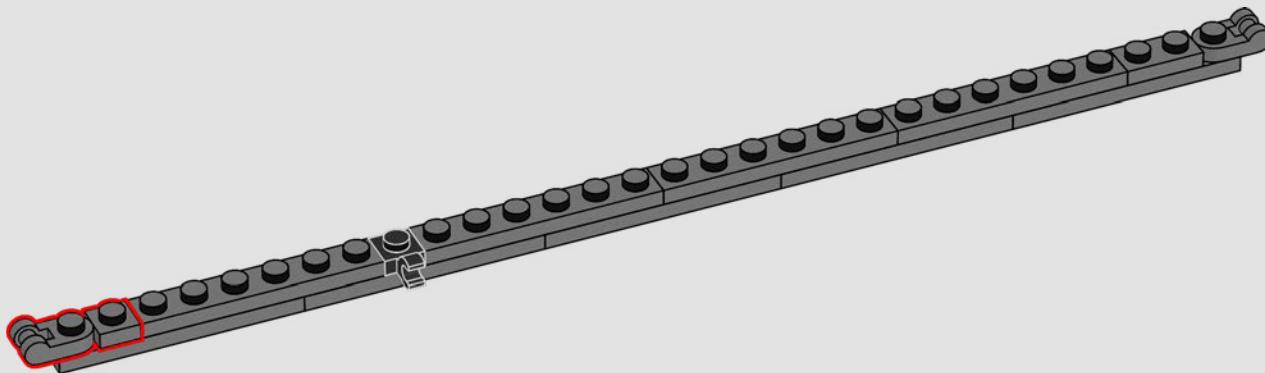


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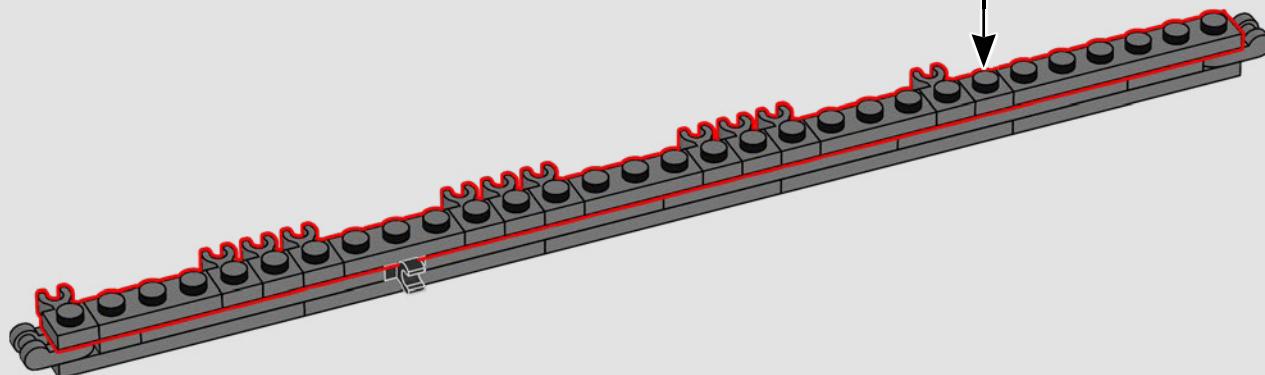


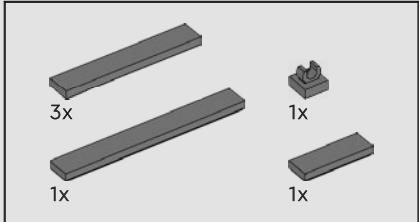


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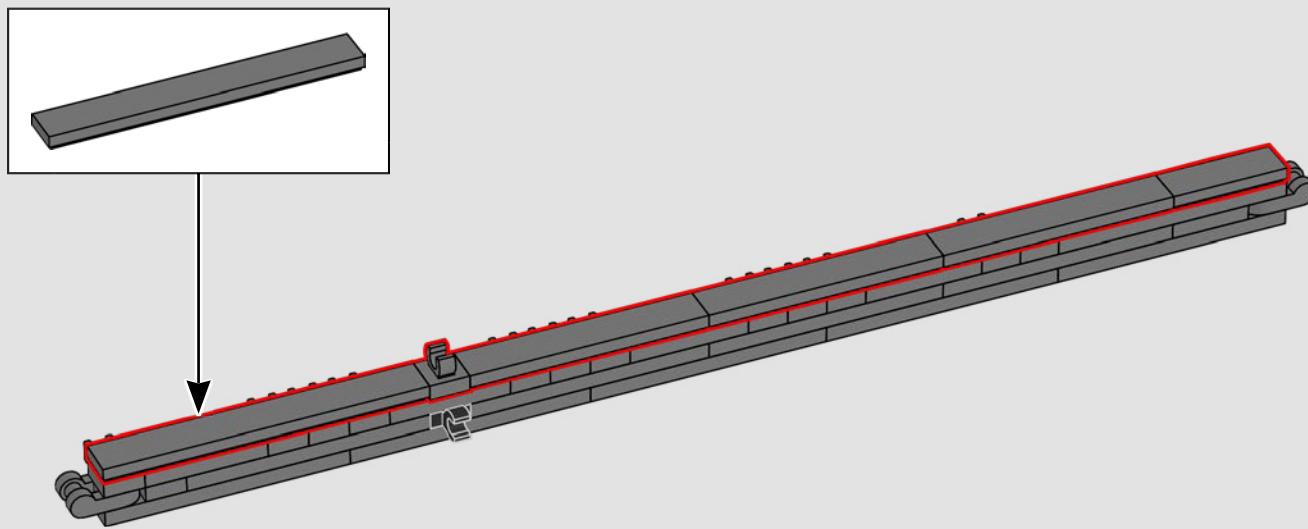


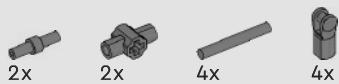
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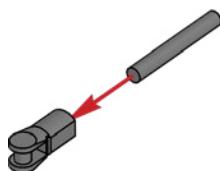
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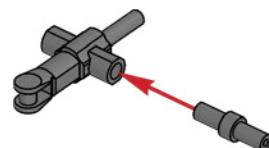


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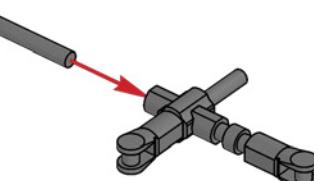
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2



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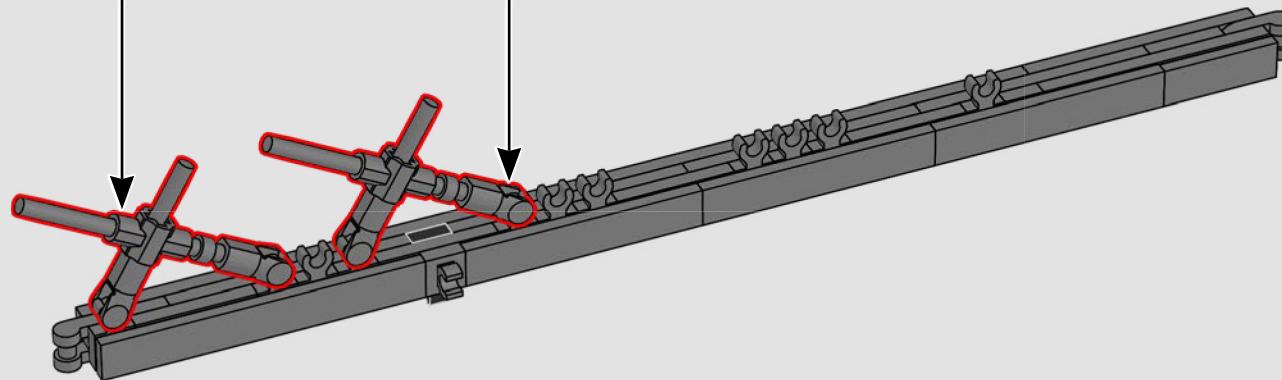


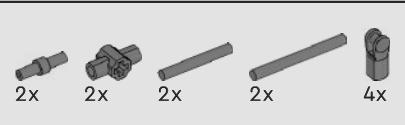
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1:1

1:1

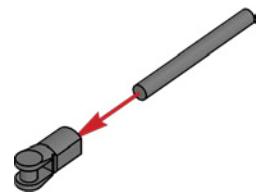
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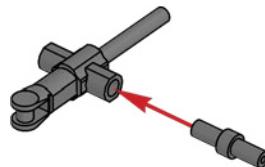


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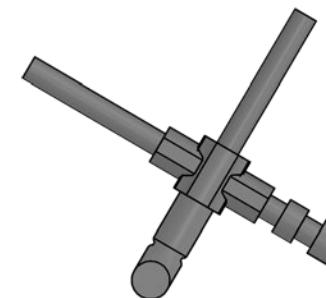
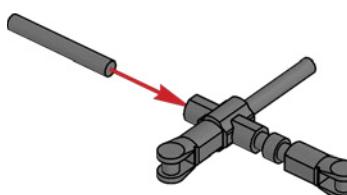
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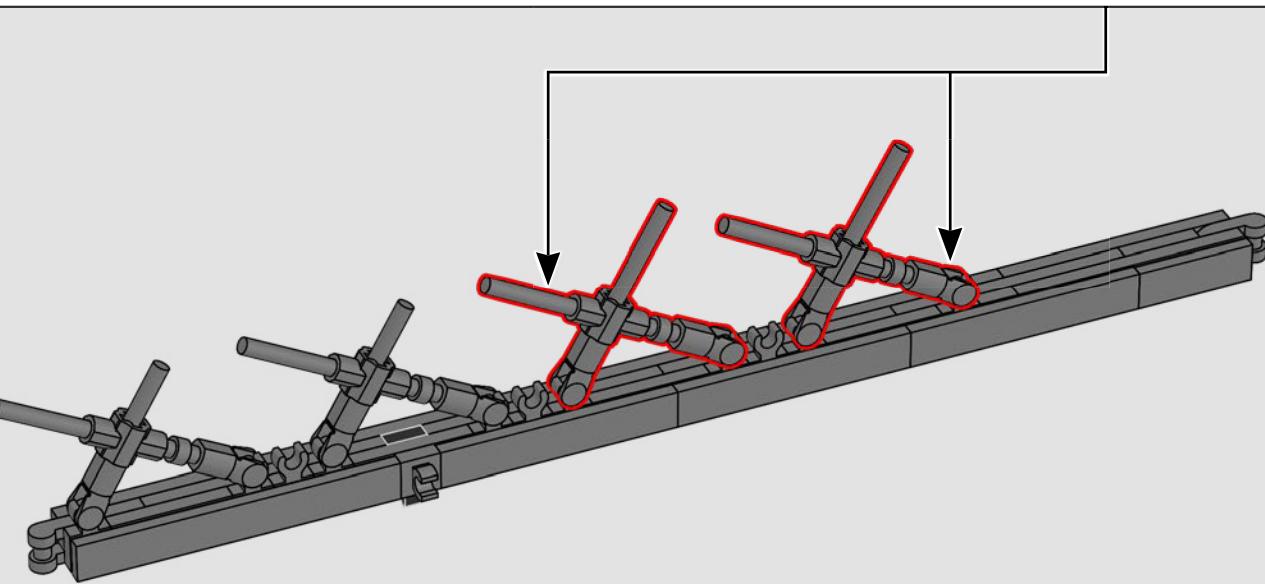
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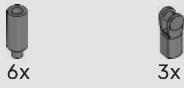


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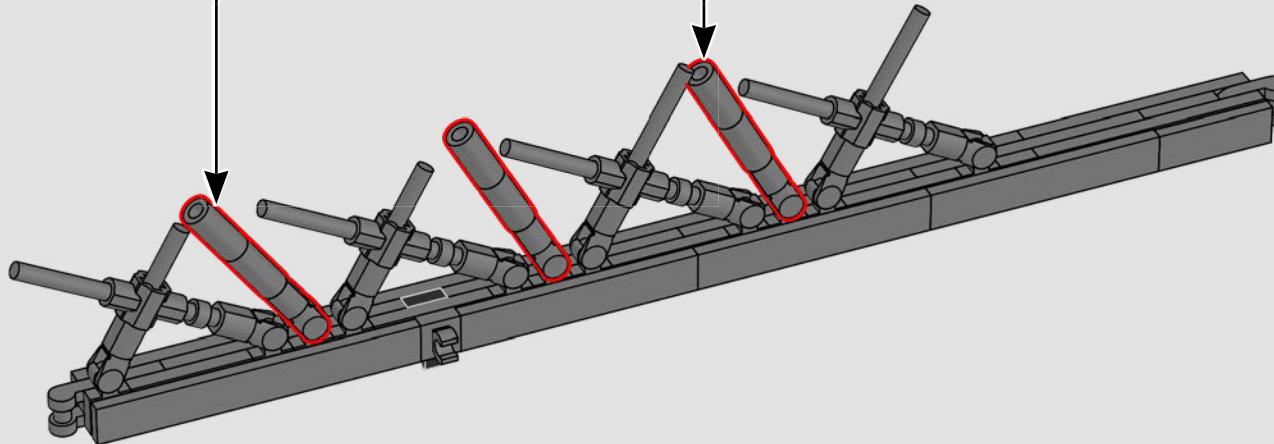
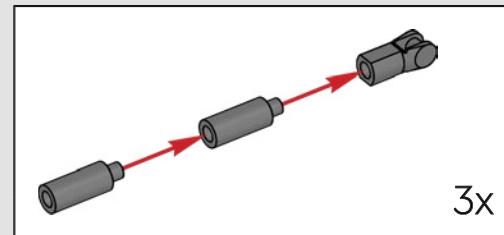


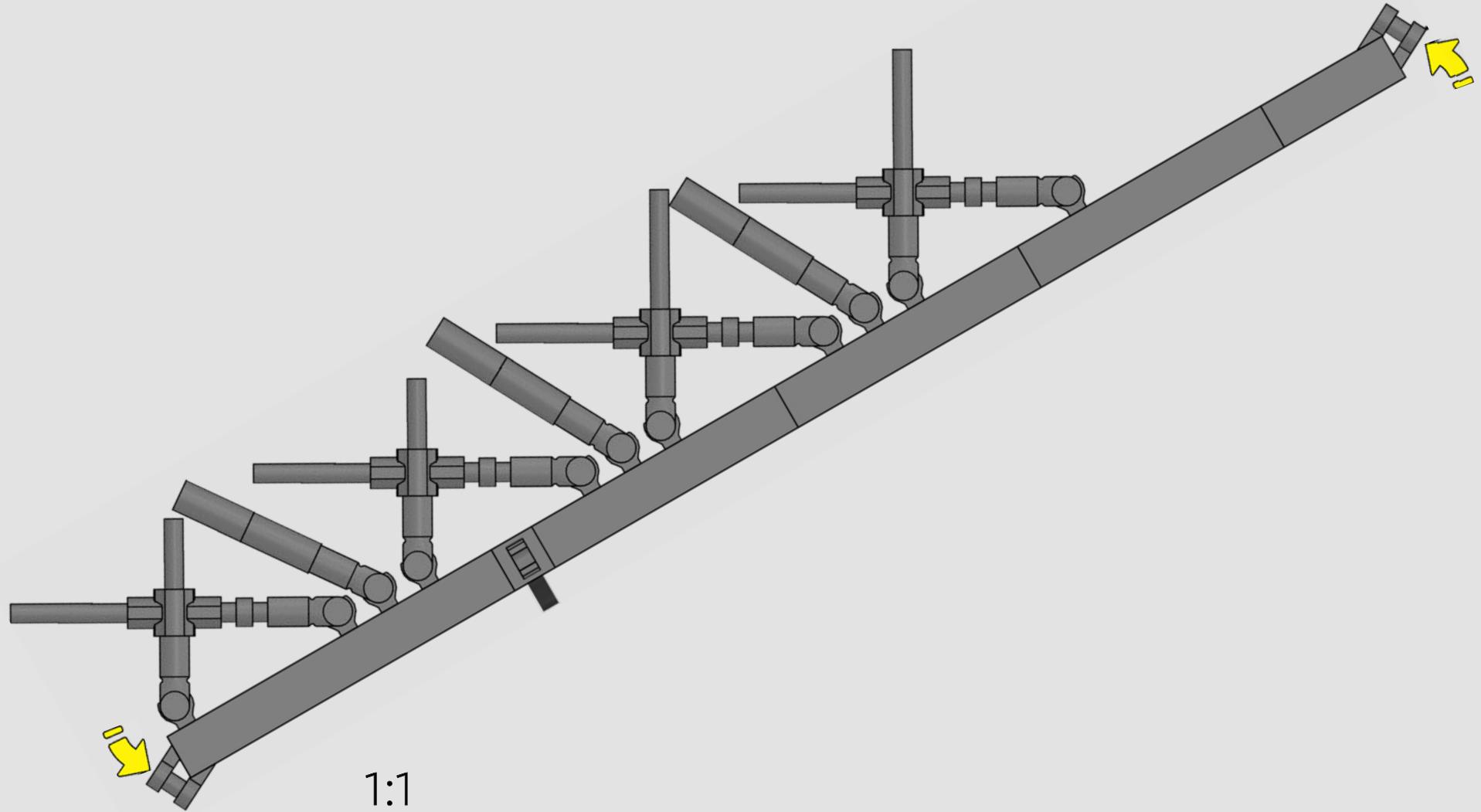
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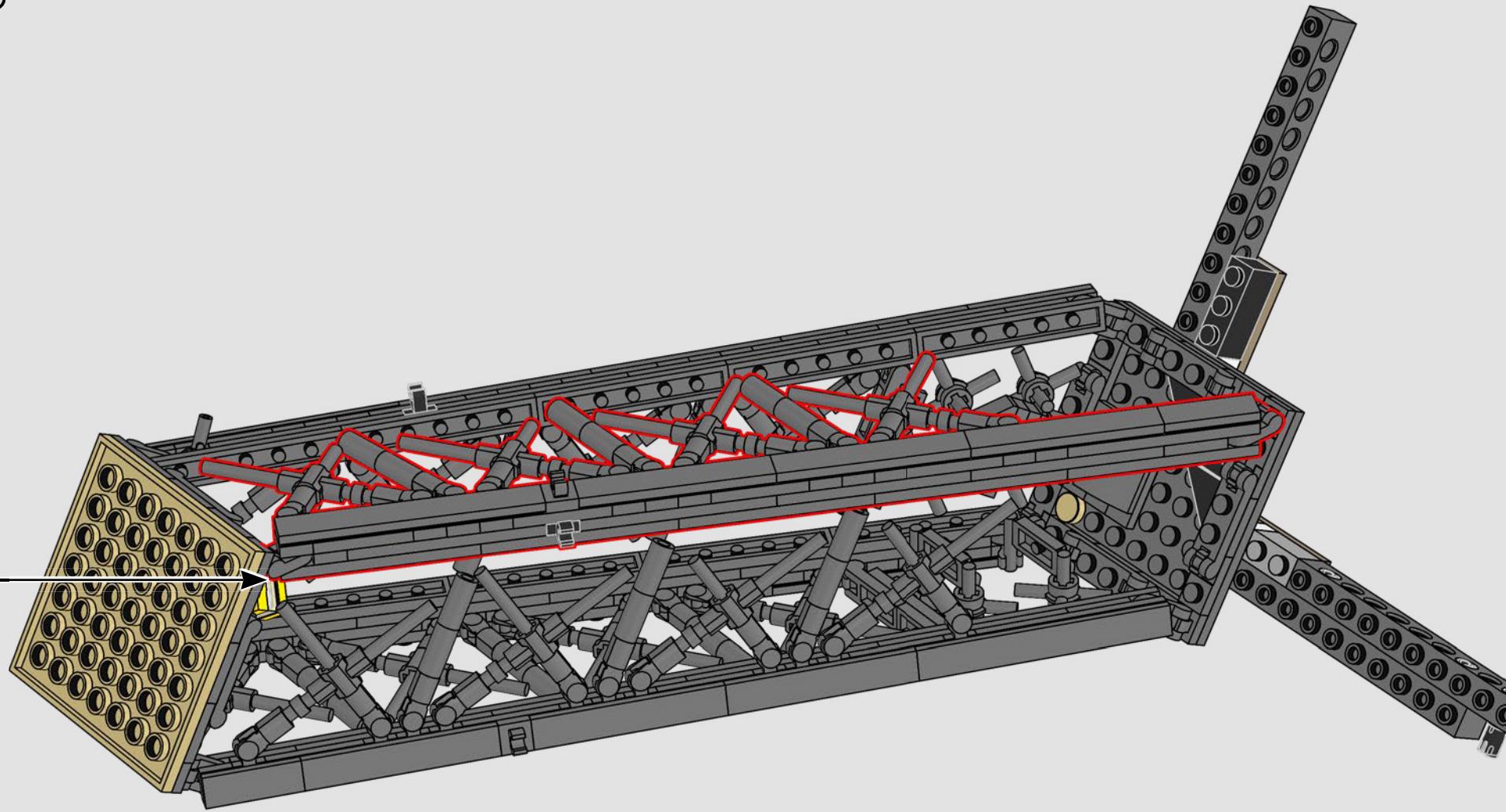


155





156



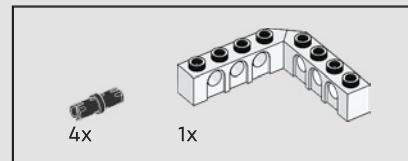
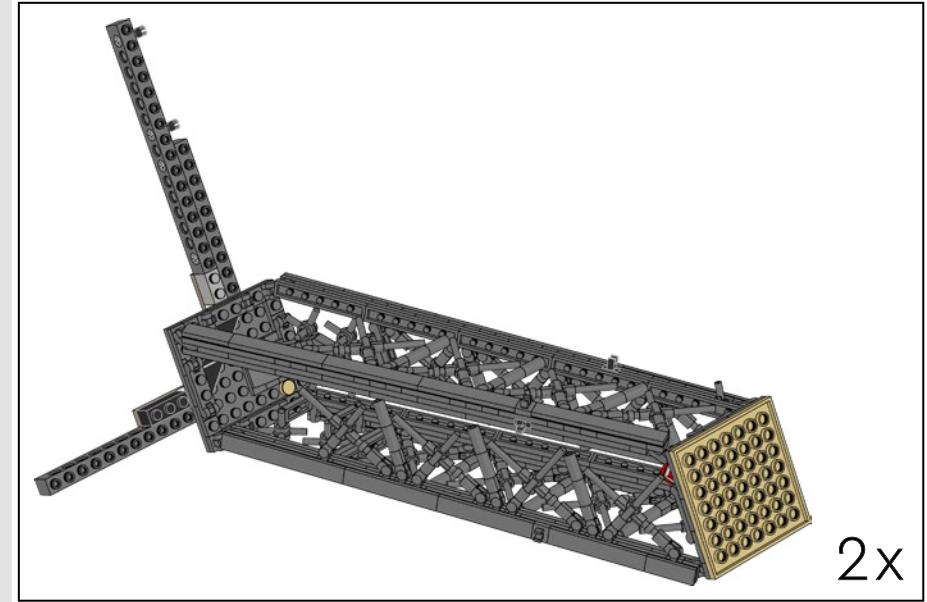
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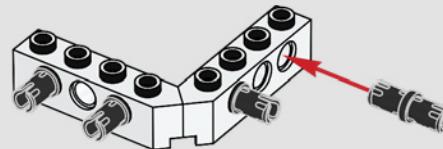
The original tower is assembled from pre-made pieces, just like a giant LEGO® model! While the Eiffel tower contains 18,038 different pieces, this LEGO version has 10,000 individual LEGO elements.

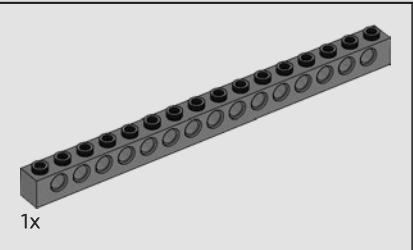
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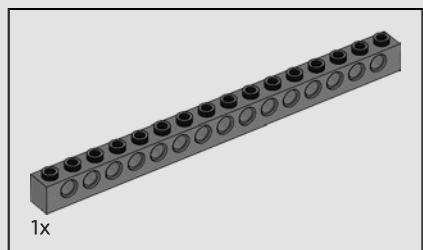
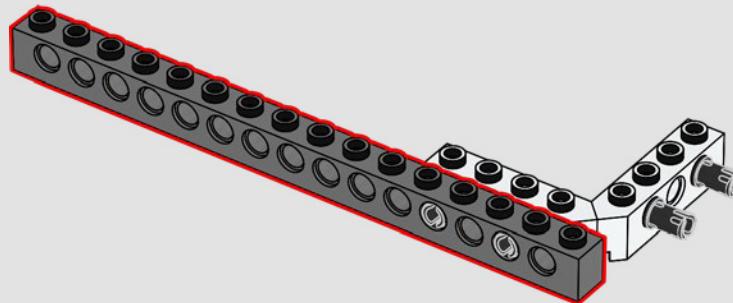


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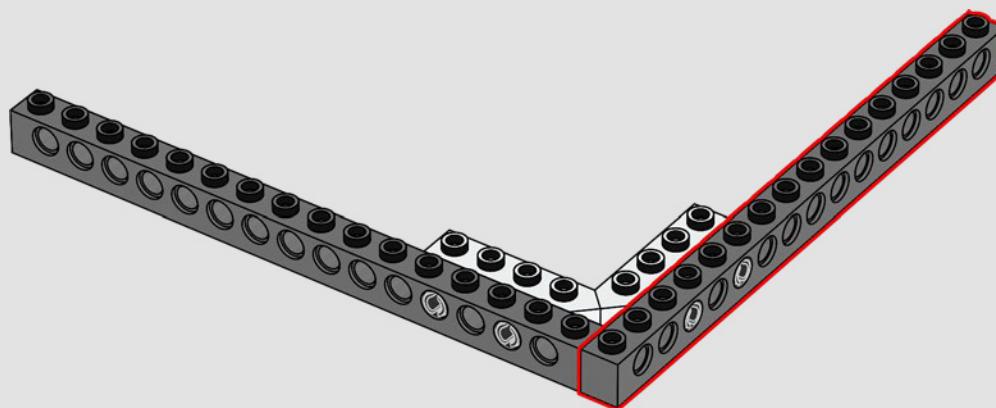


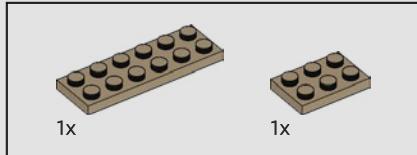


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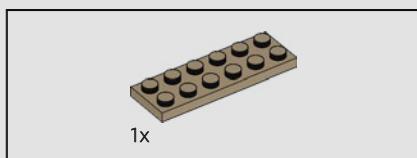
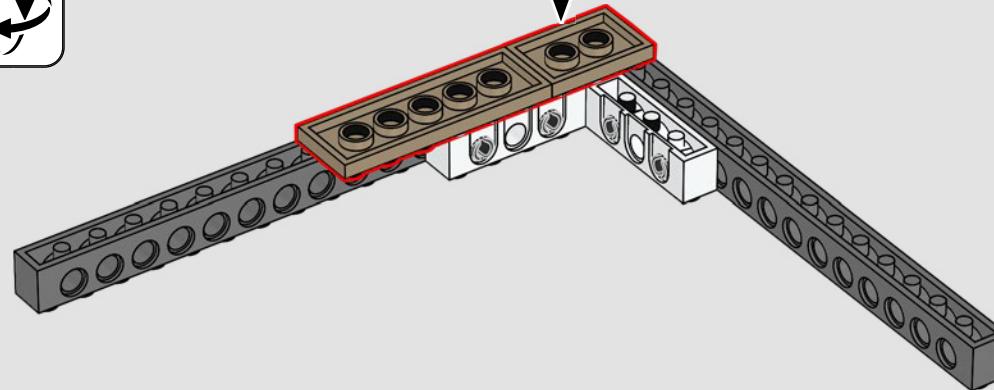
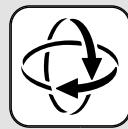


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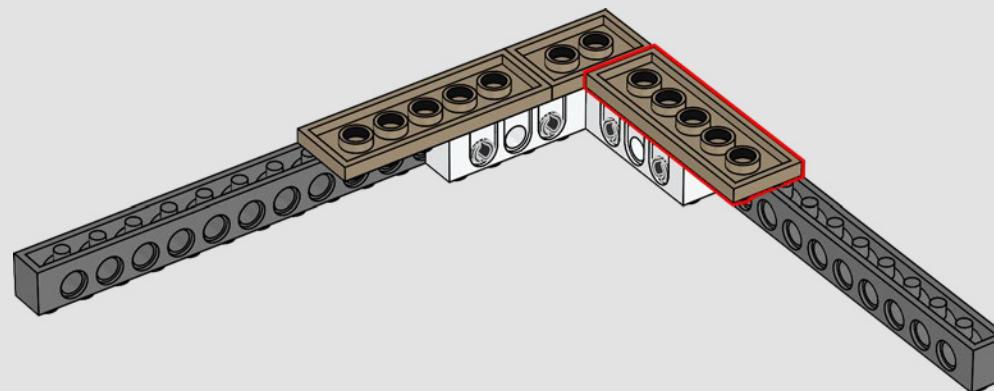


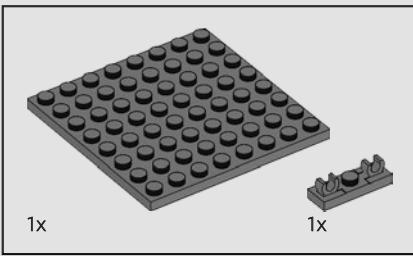


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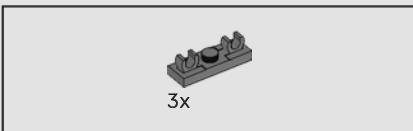
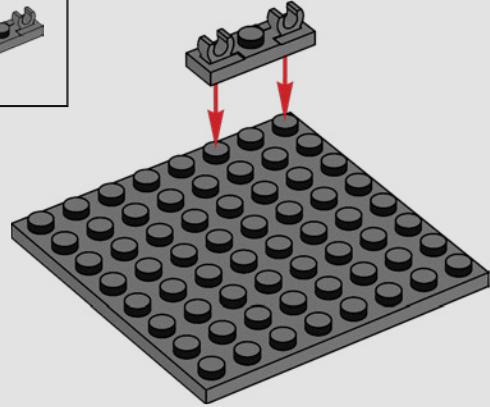


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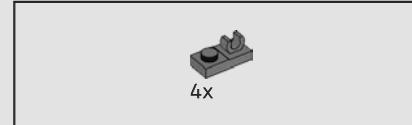
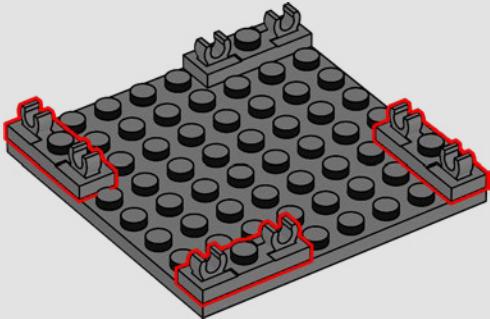




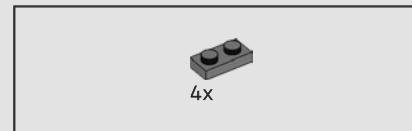
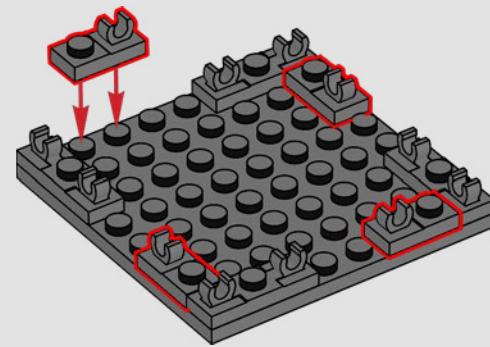
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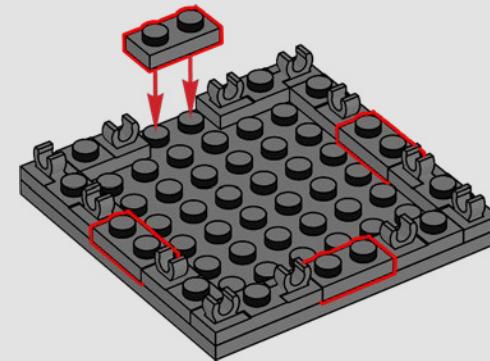
164



165

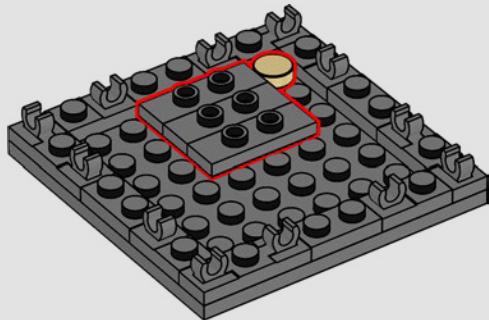


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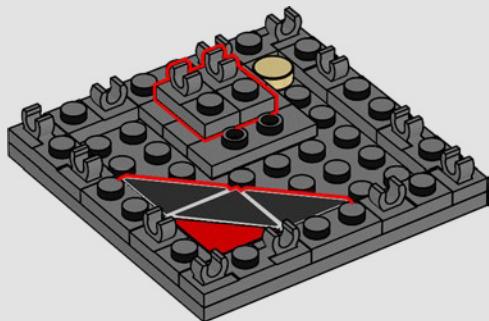




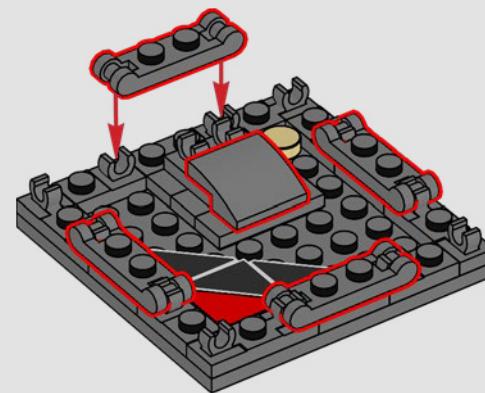
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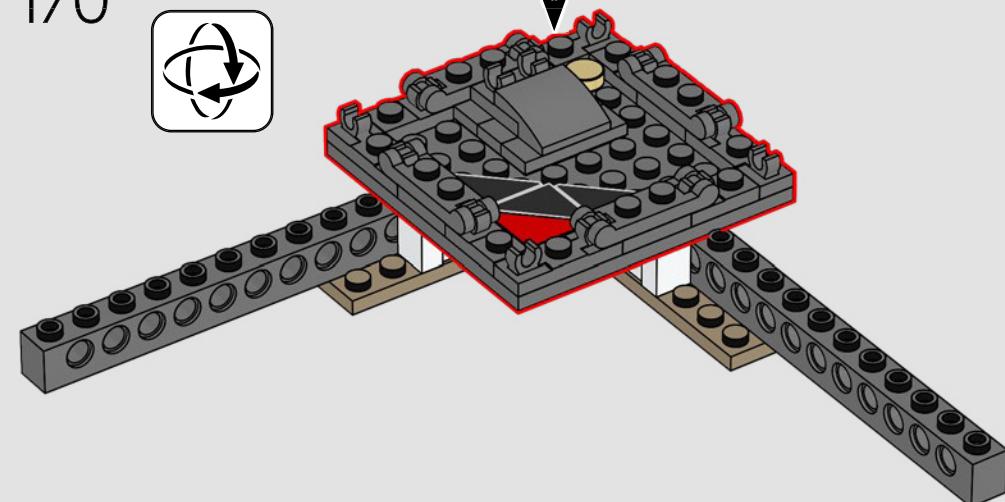
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169



170



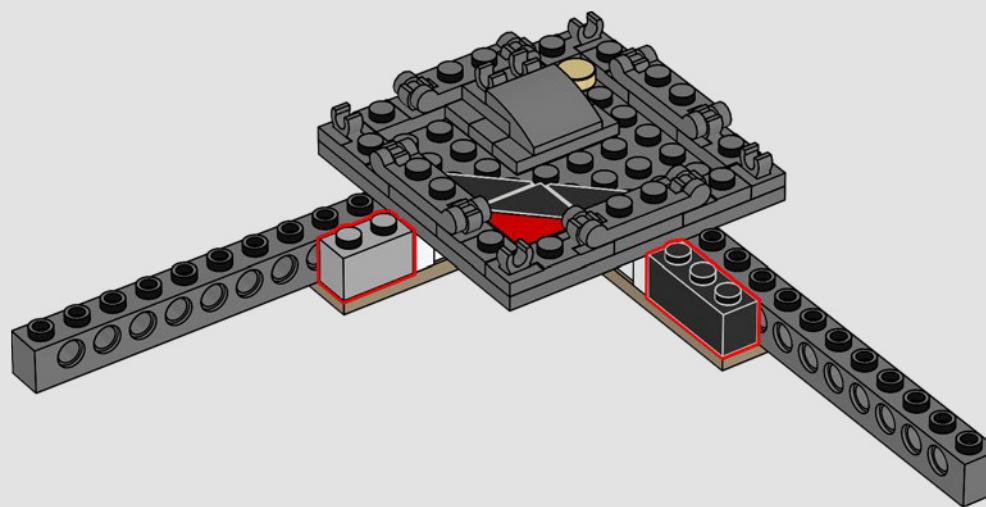


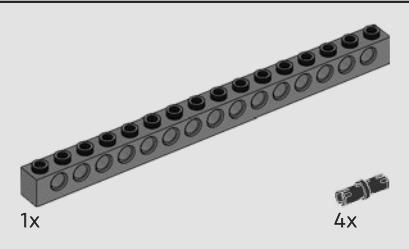
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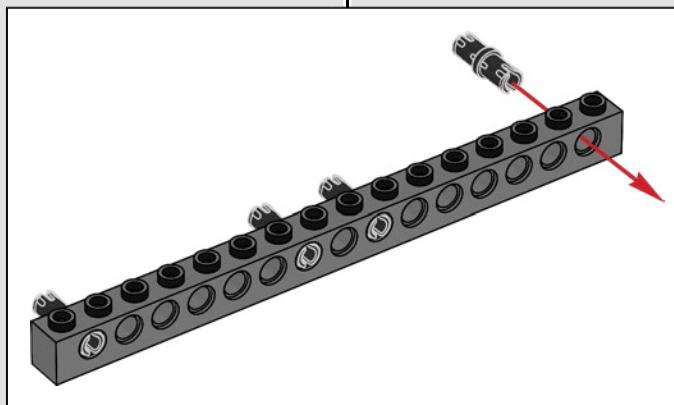
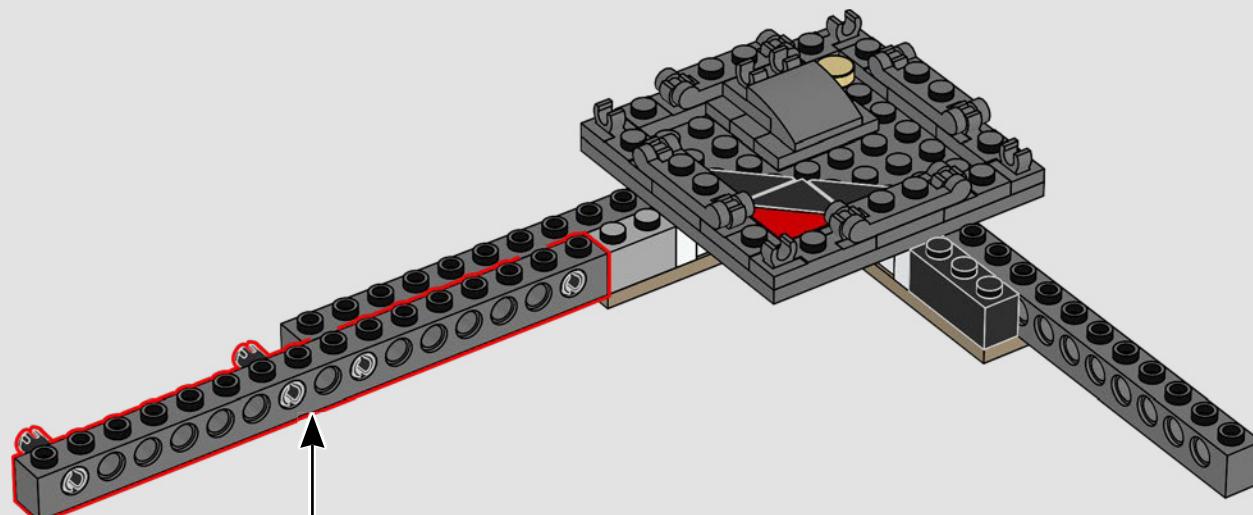
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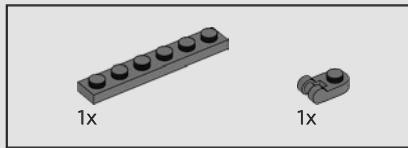
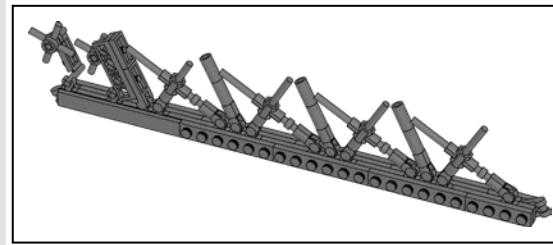
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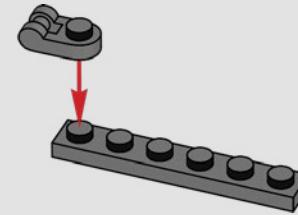


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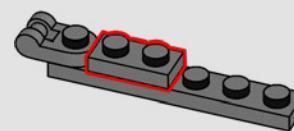


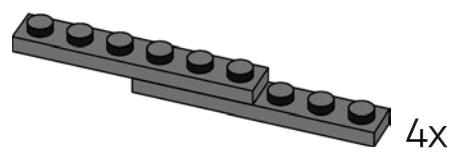


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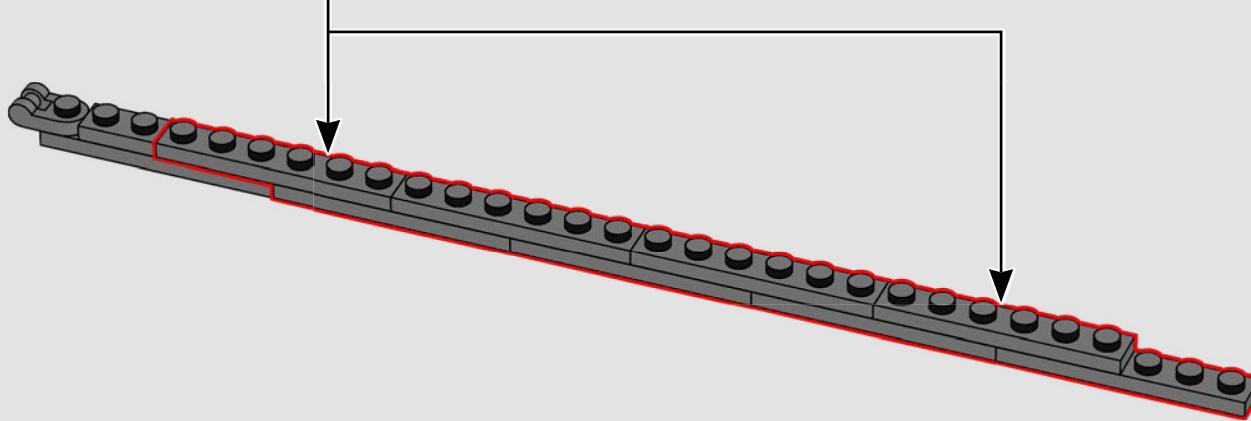


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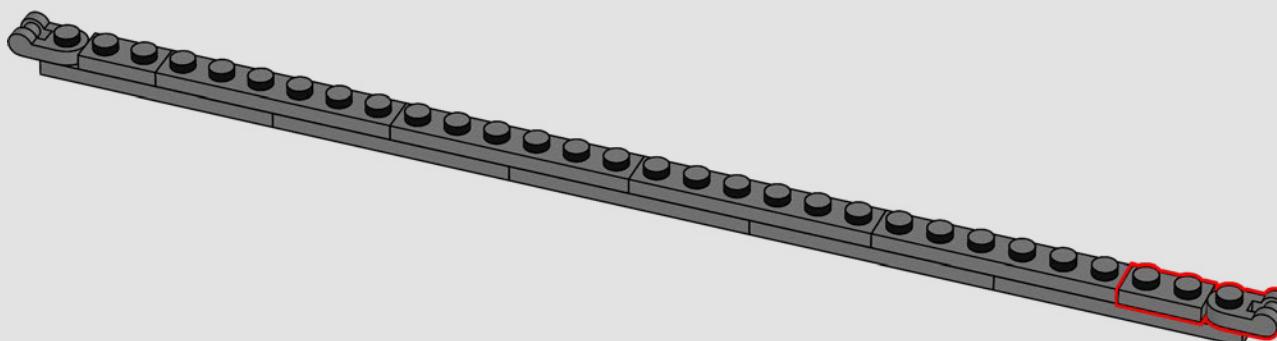


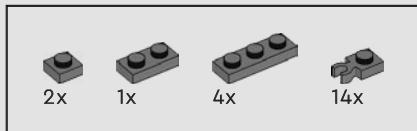


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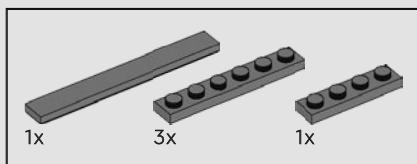
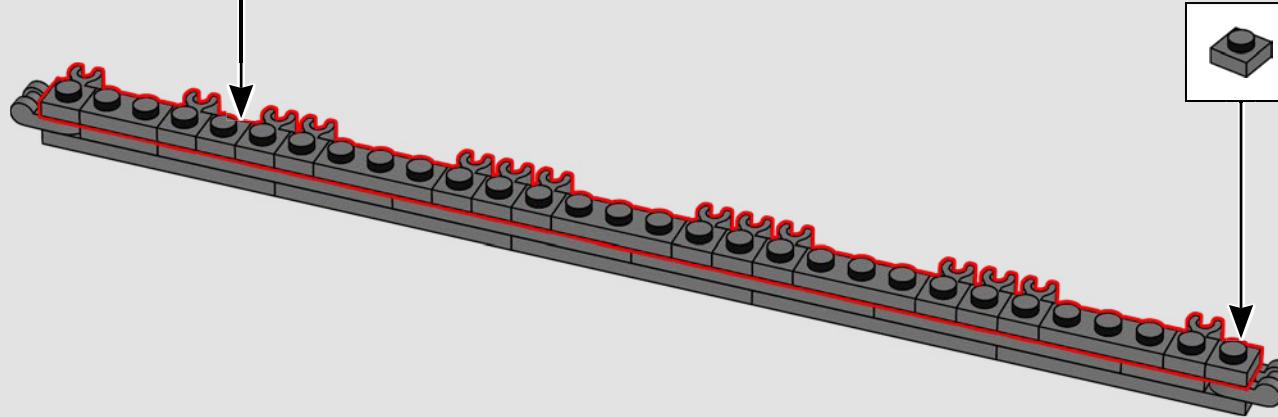


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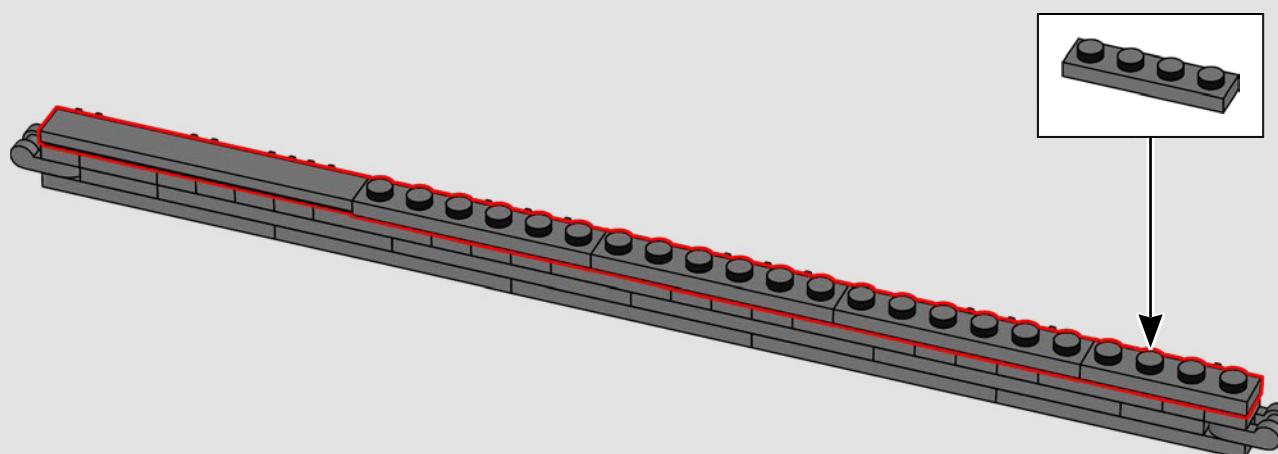




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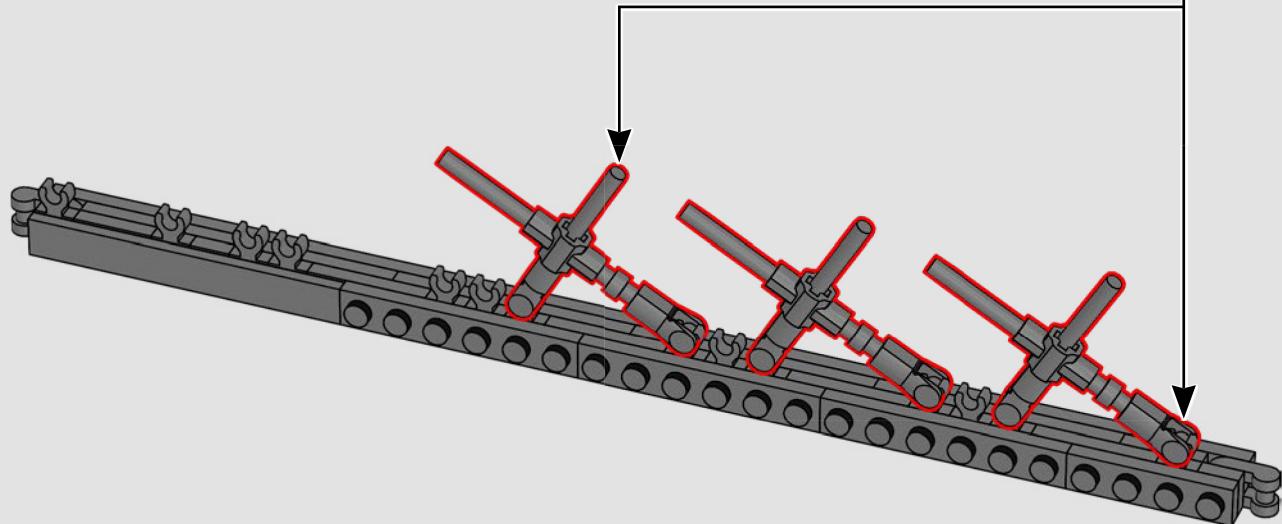
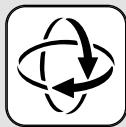
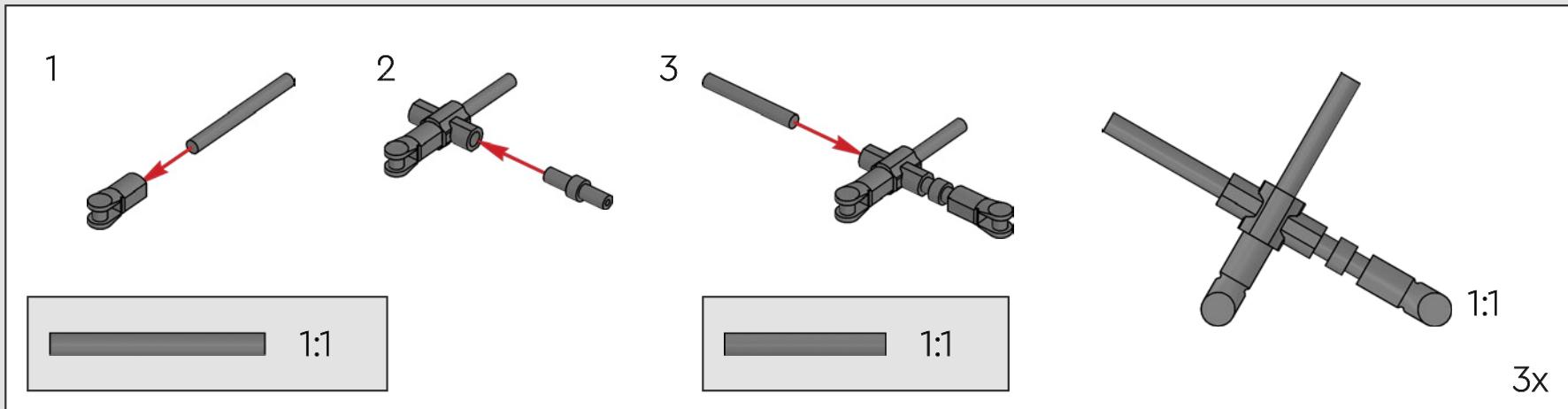


178



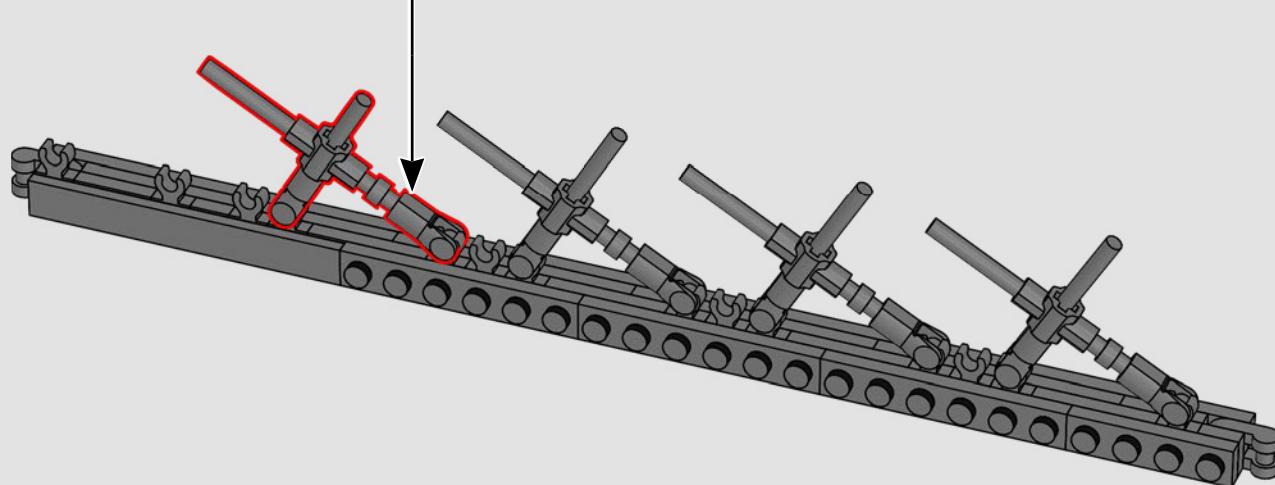
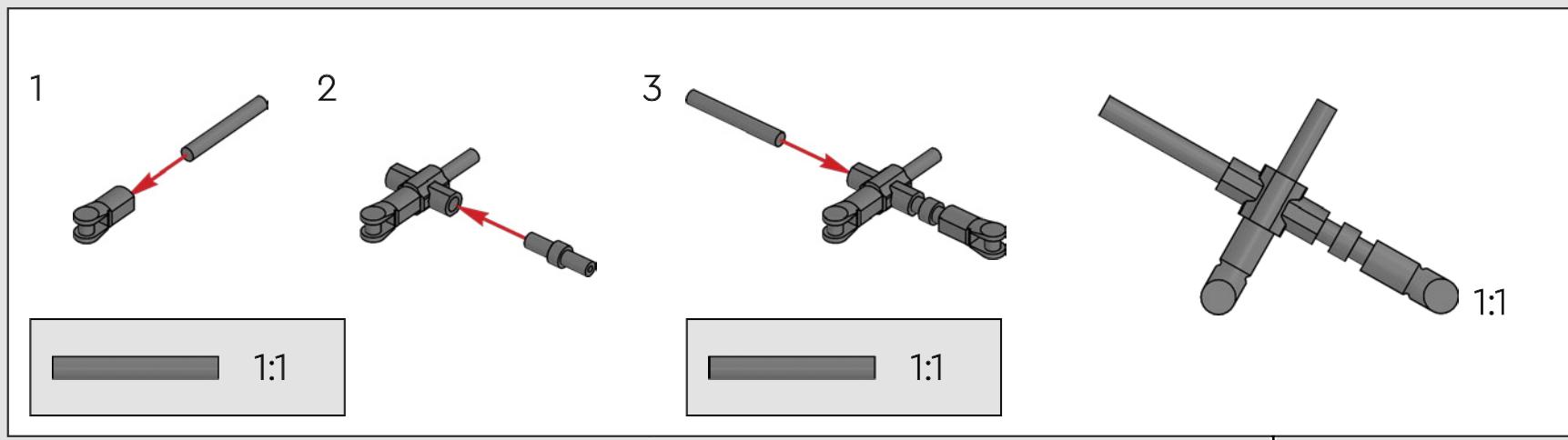


179





180





2x



2x

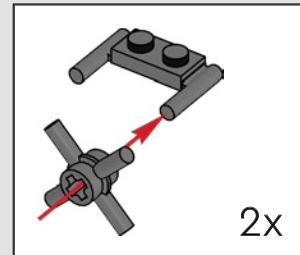


6x

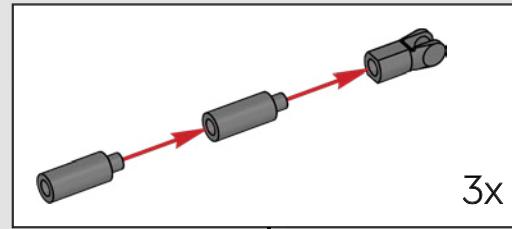


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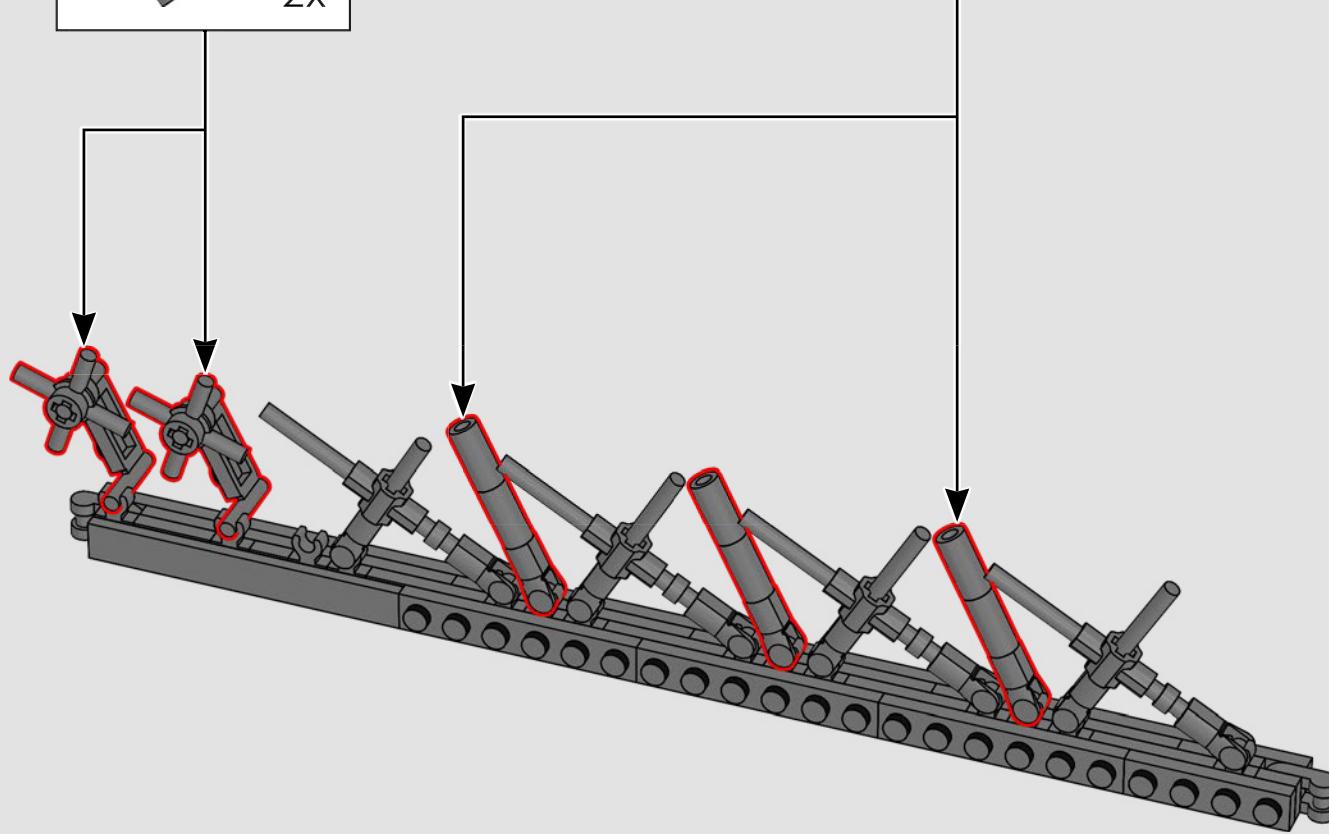
181



2x

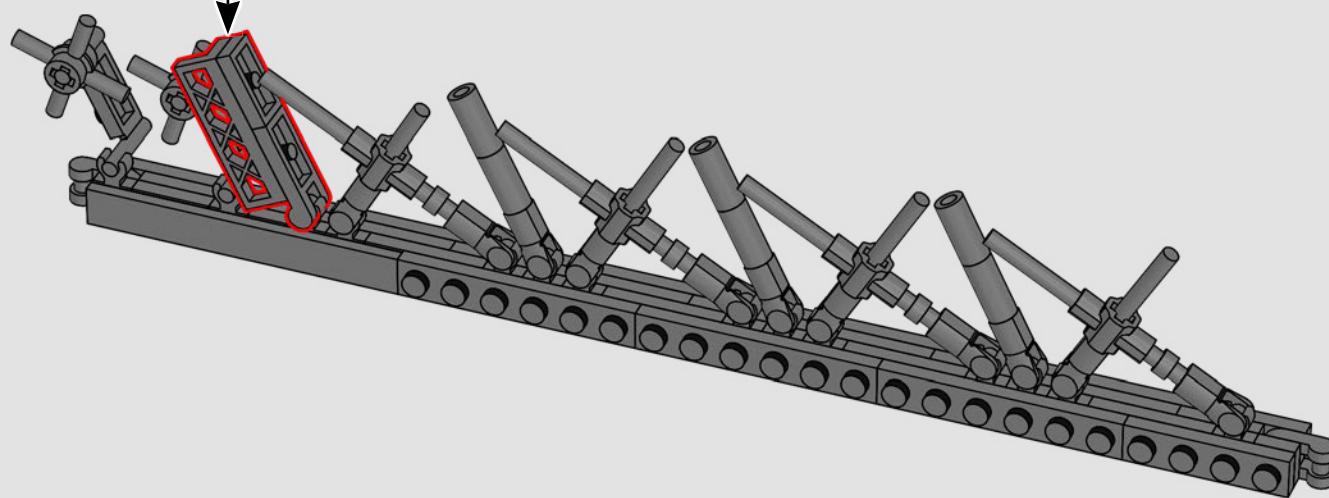
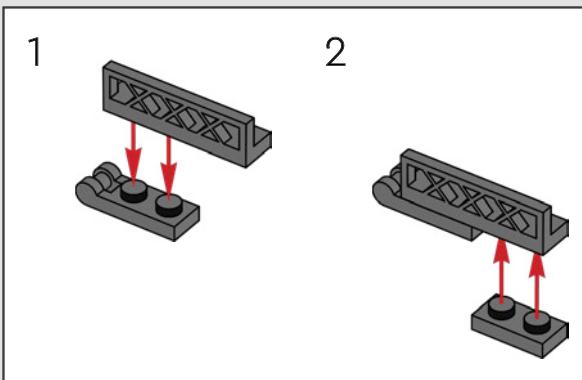


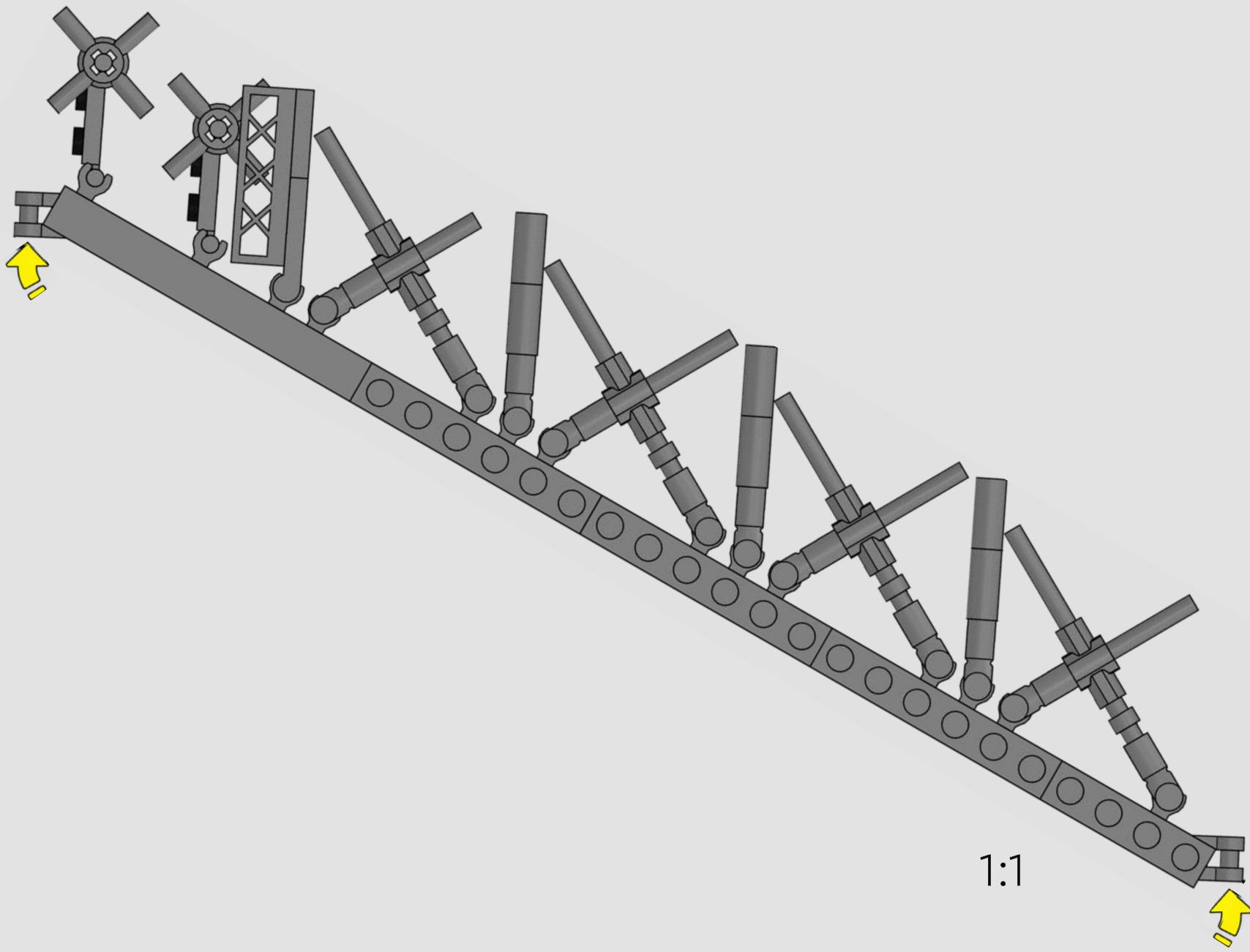
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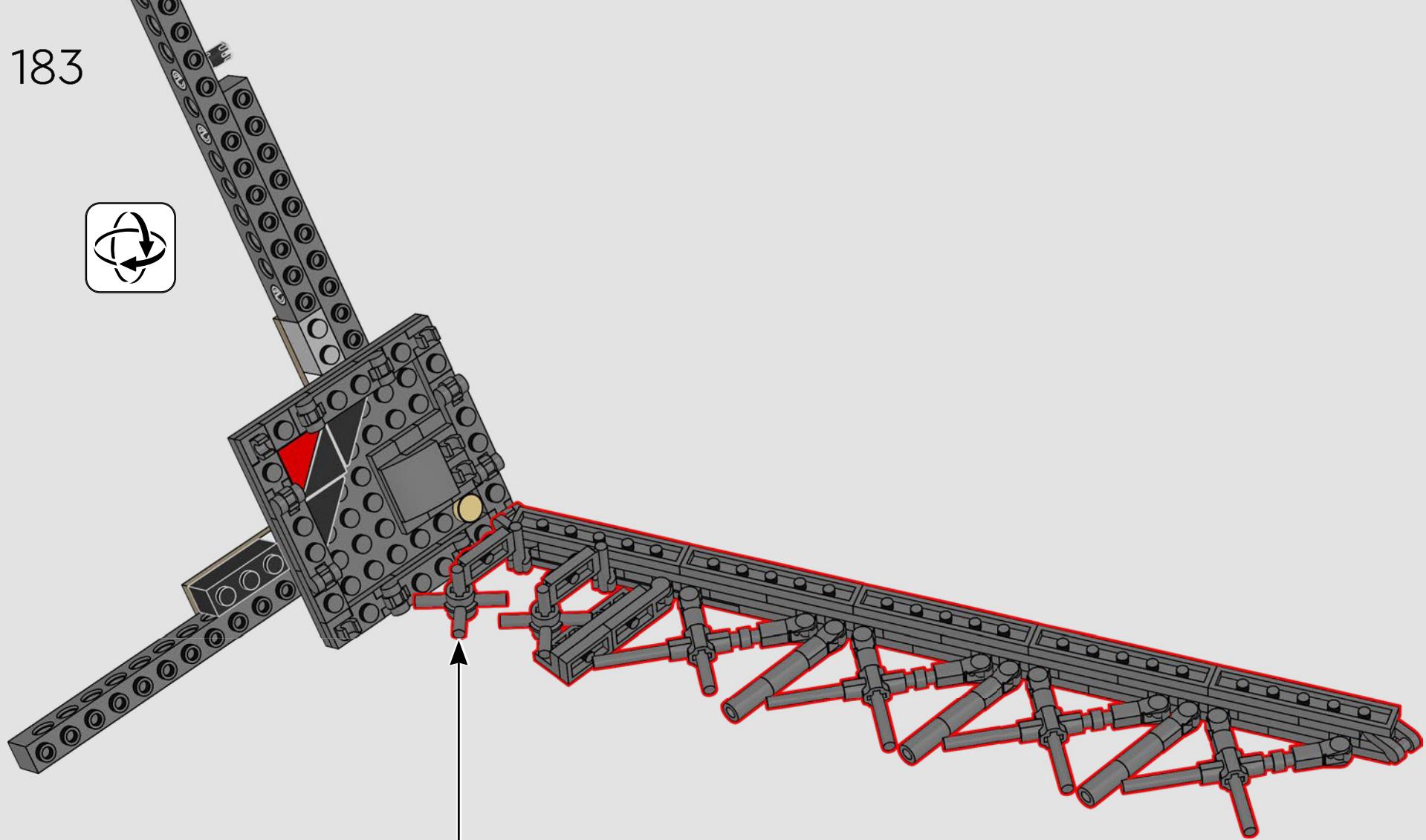


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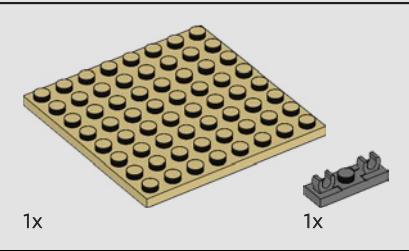


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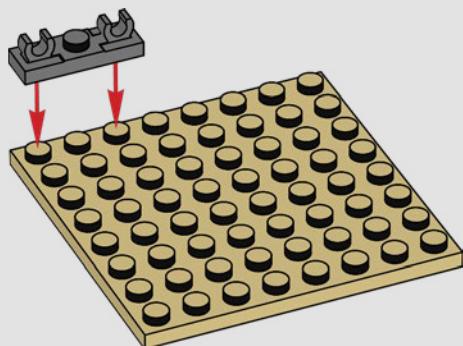
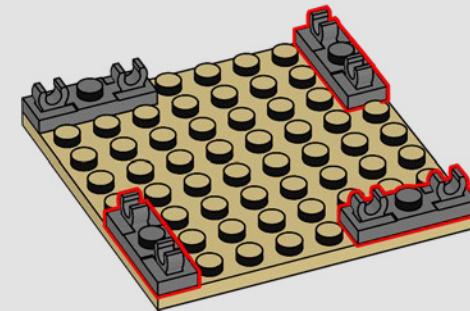




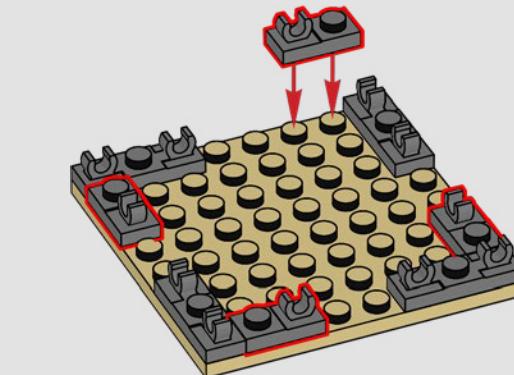
184



185



186



3x

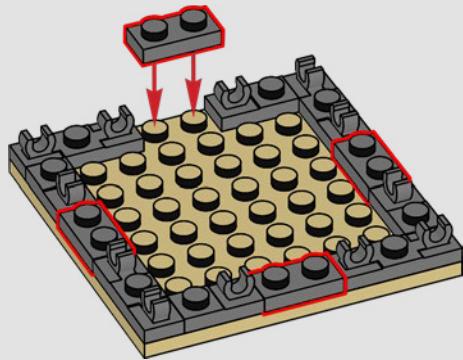


4x



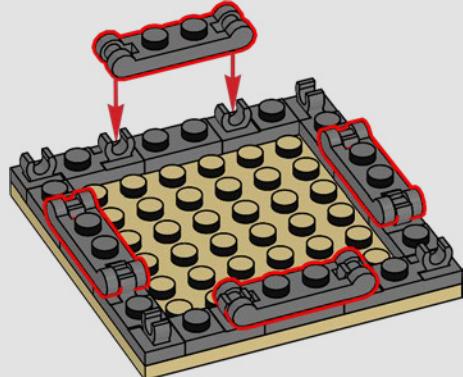
4x

187



4x

188



2x

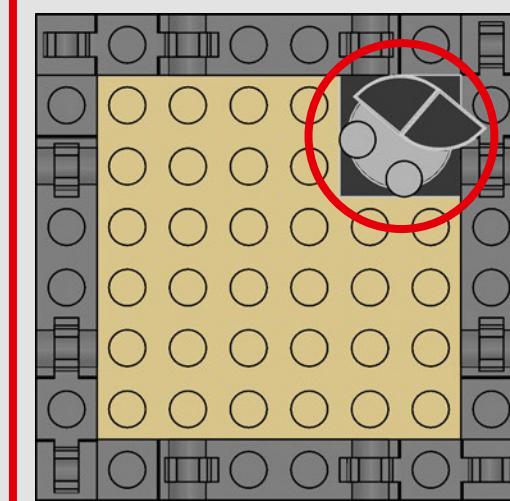
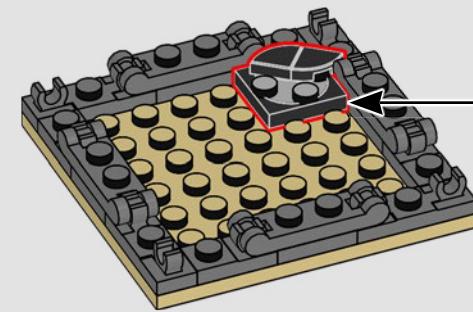
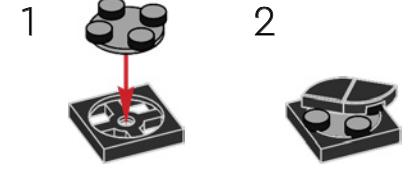


1x



1x

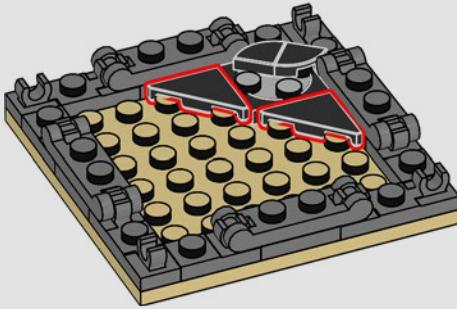
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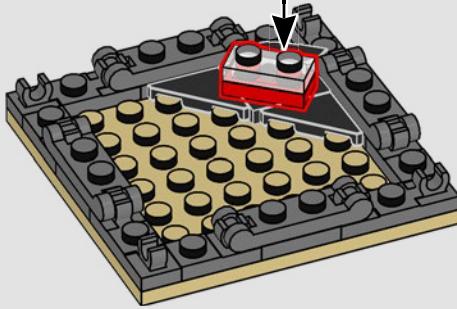
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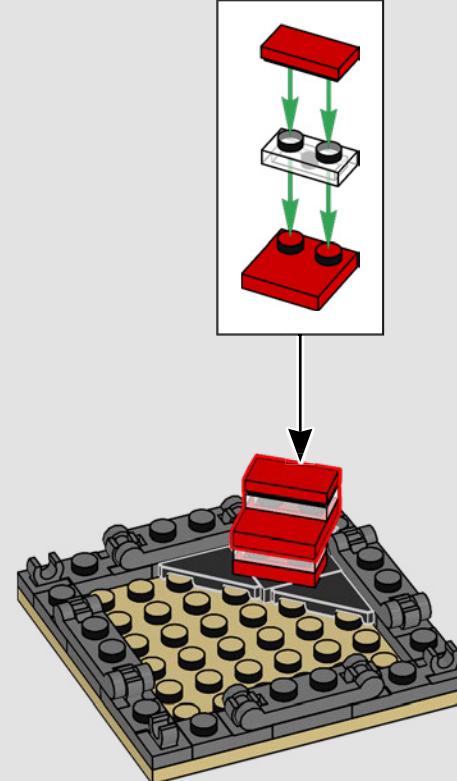
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191

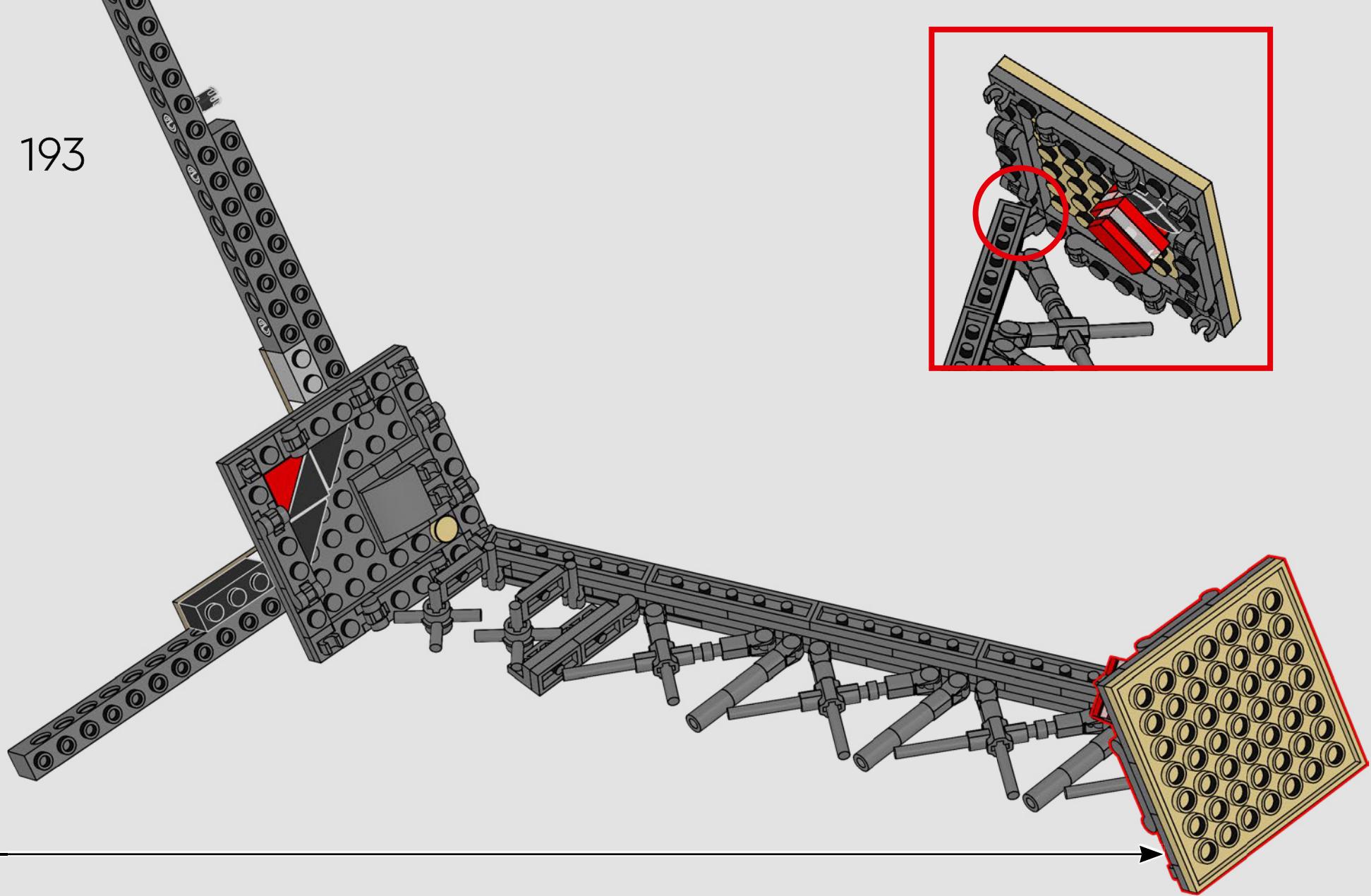


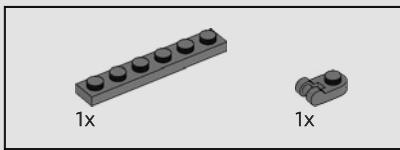
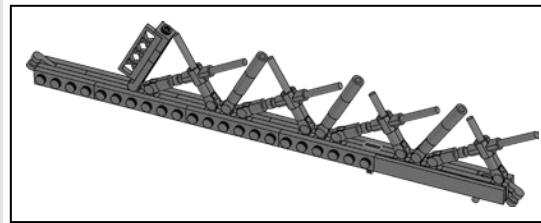
192



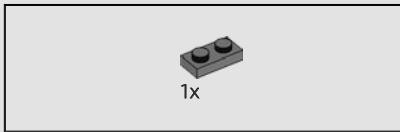
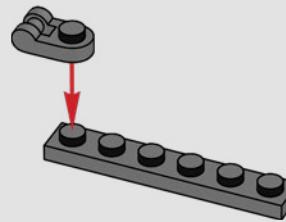
The lifts of the Eiffel tower are greased every day.
With beef fat.

193

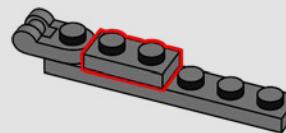




194

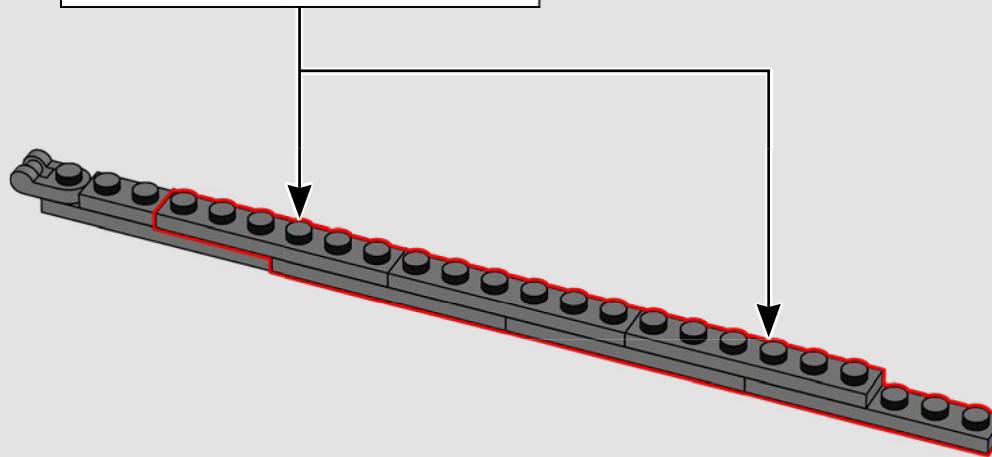
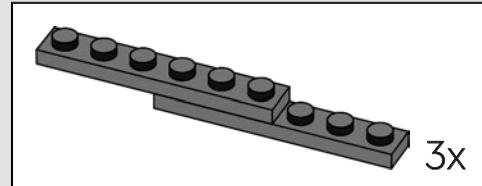


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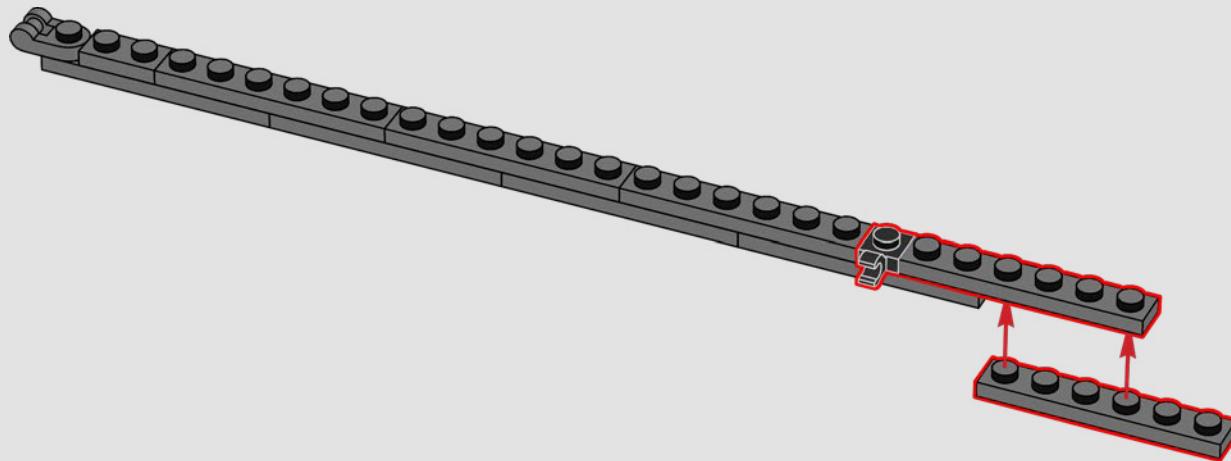




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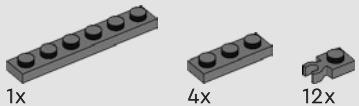
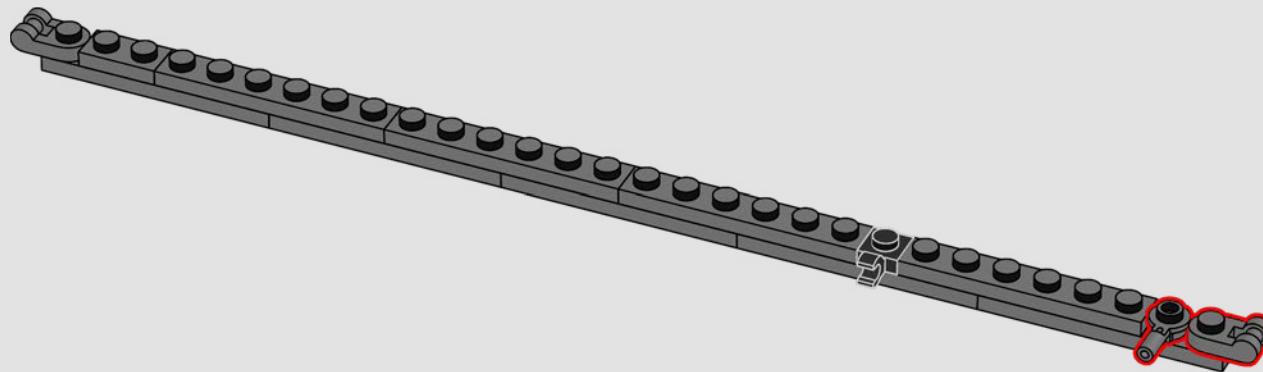


197

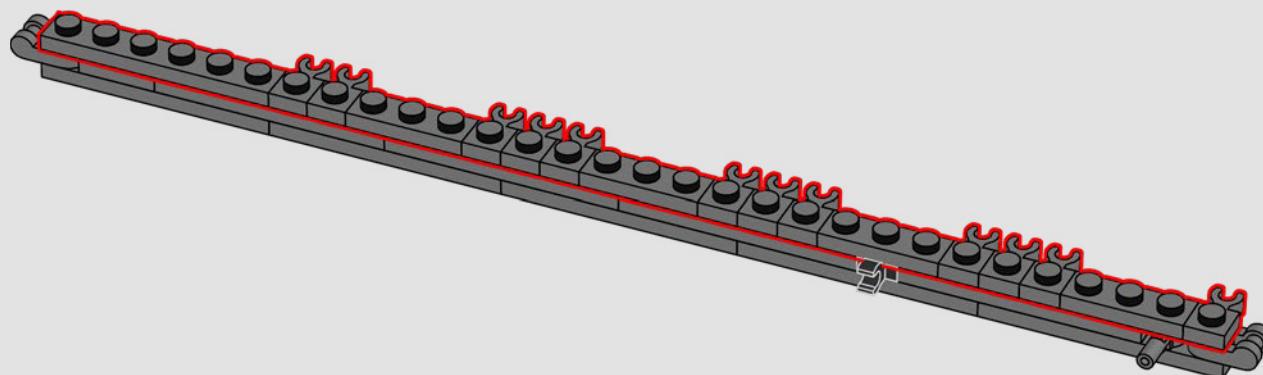


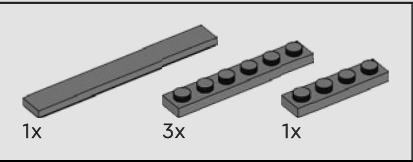


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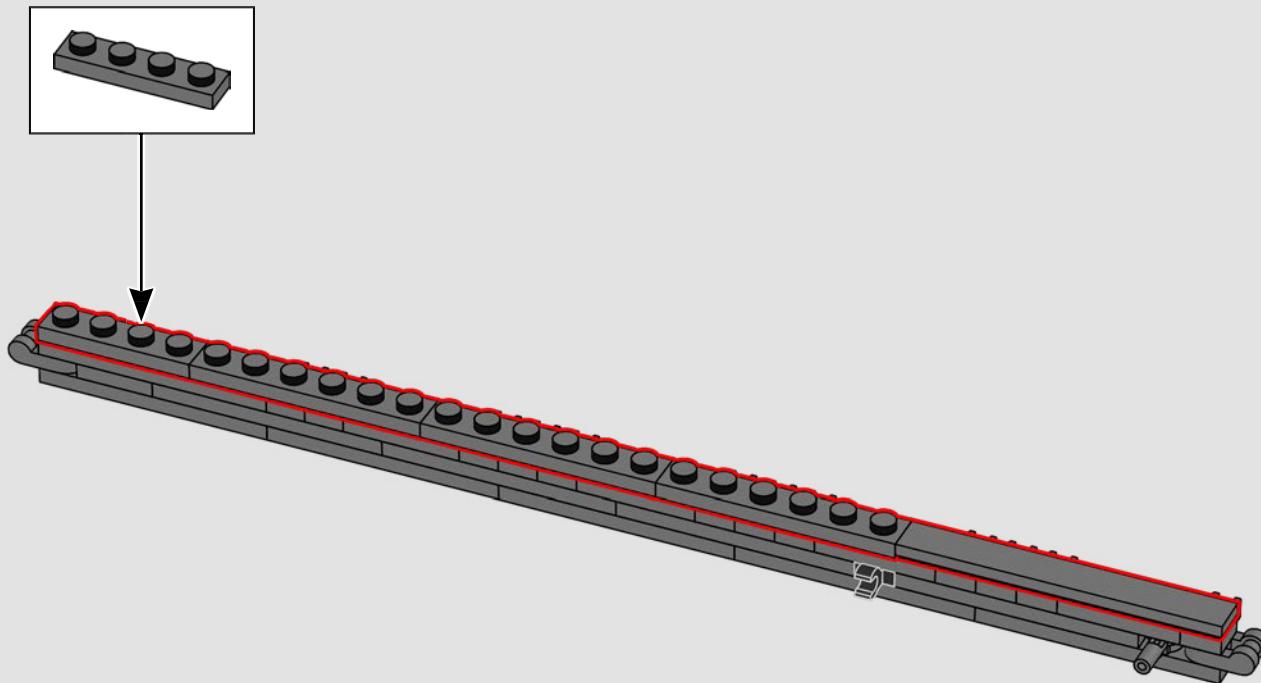


199



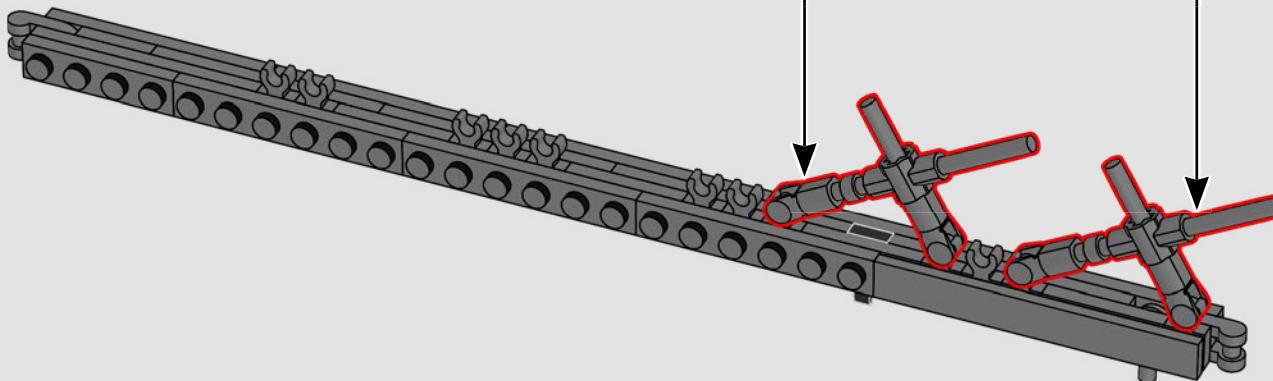
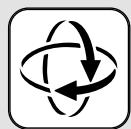
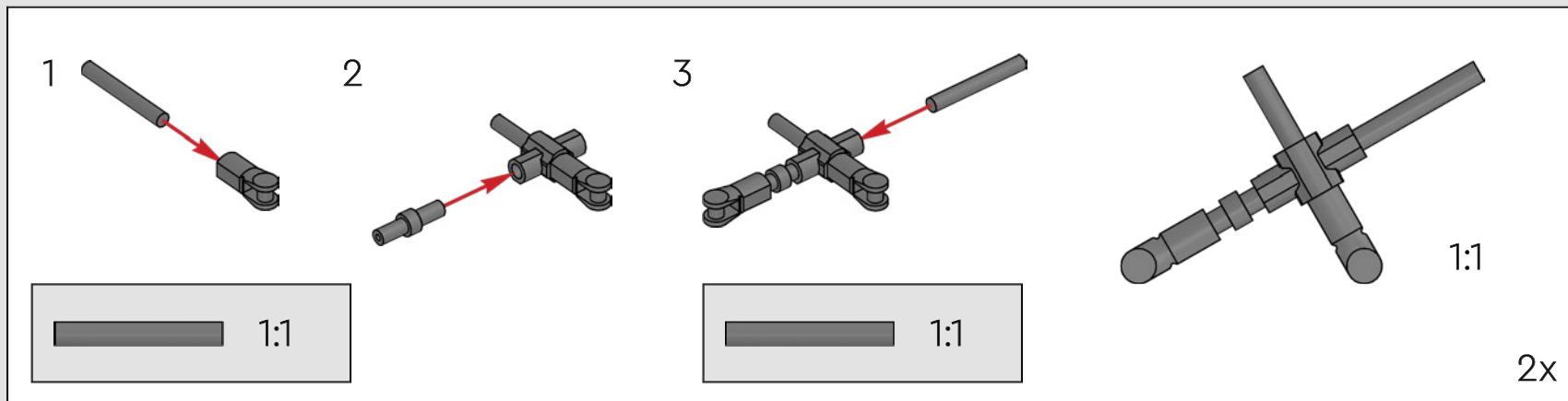


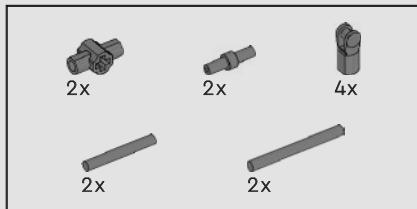
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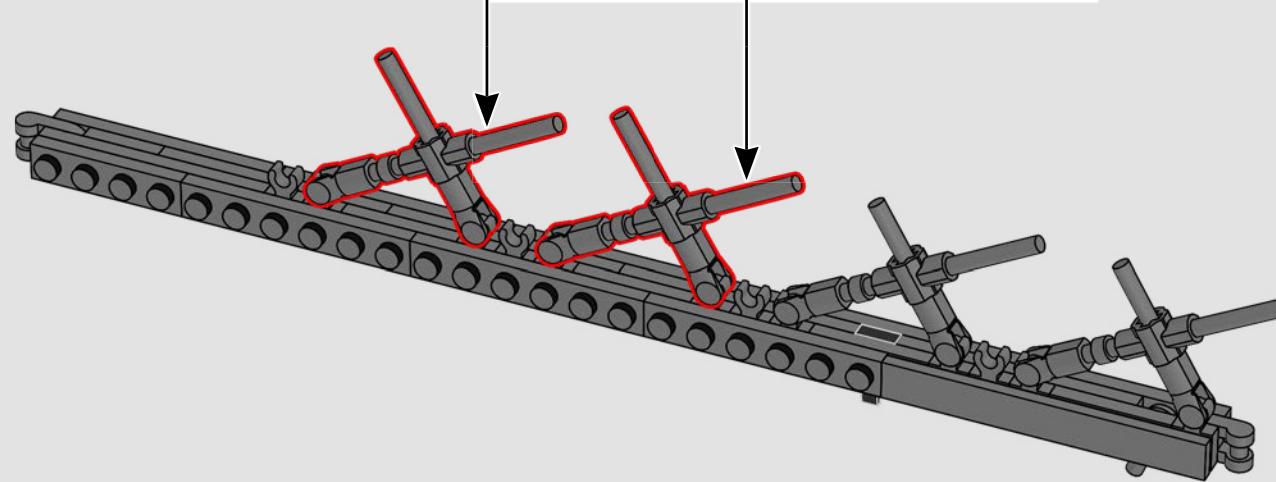
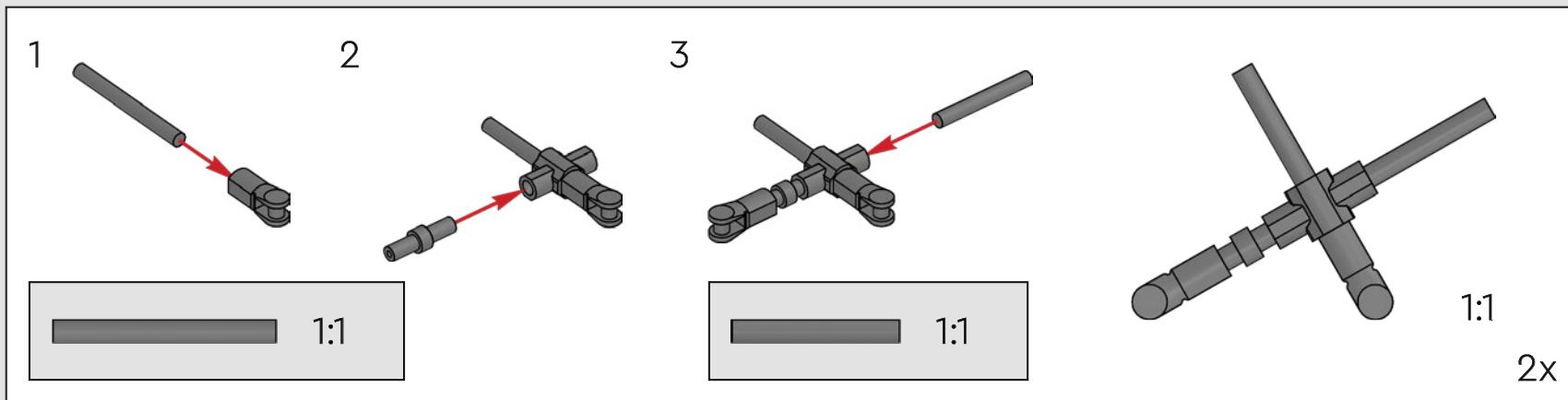


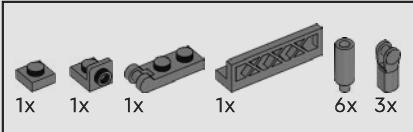
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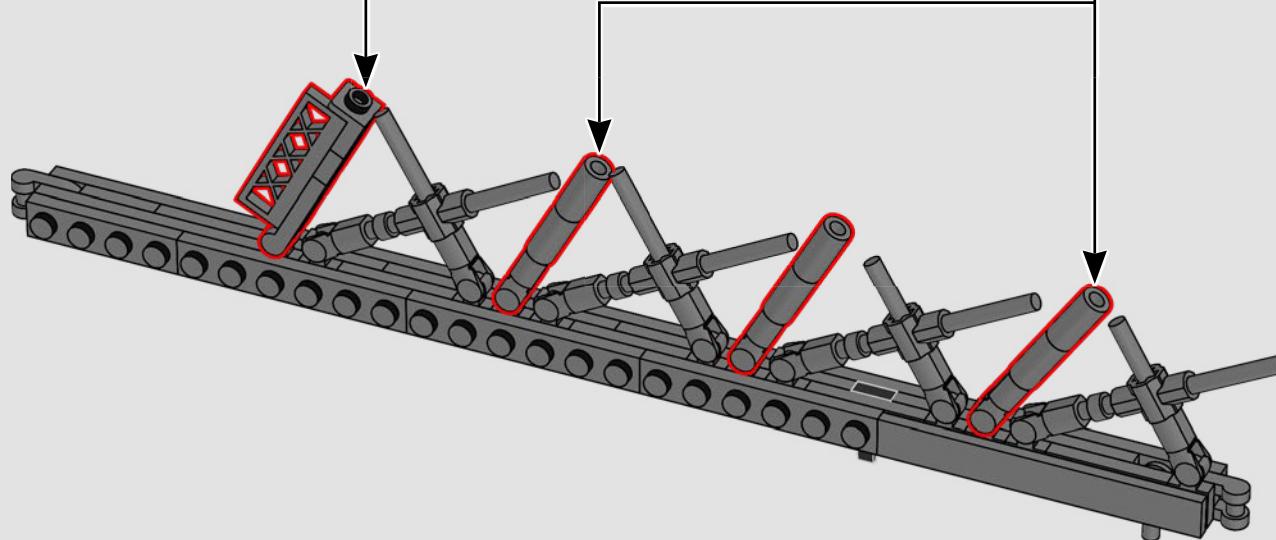
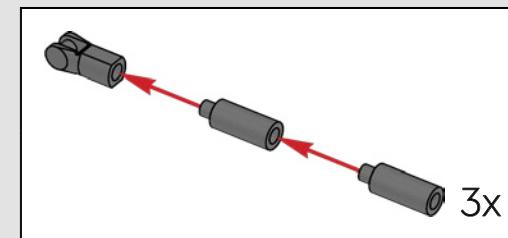
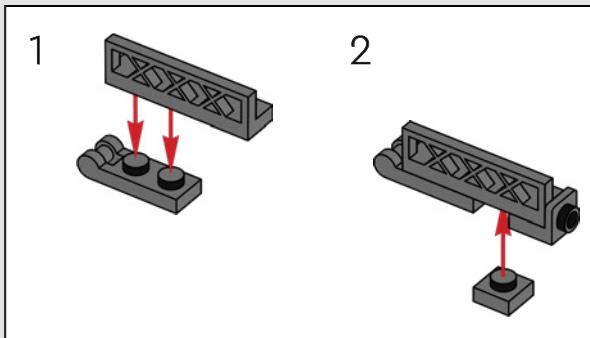


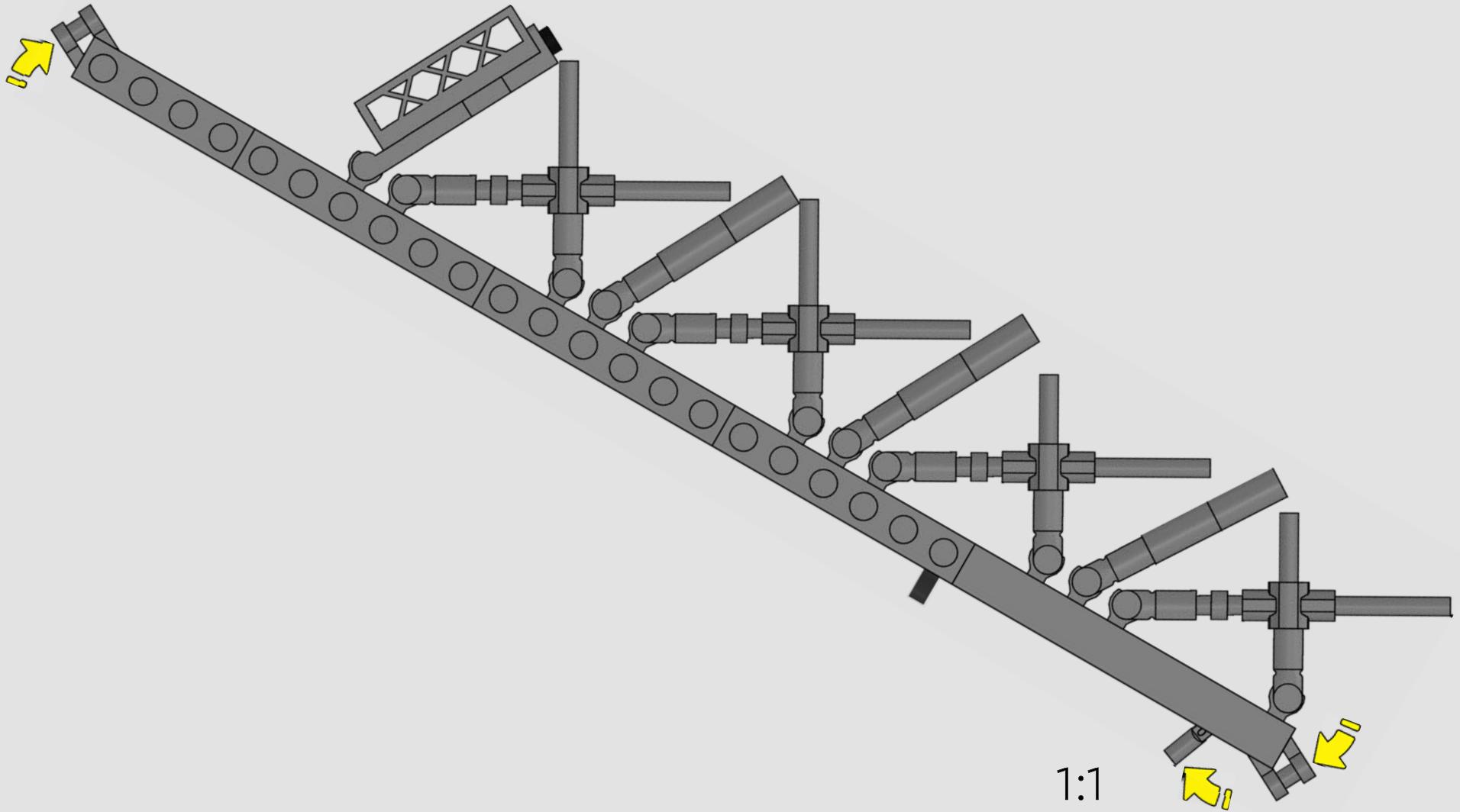
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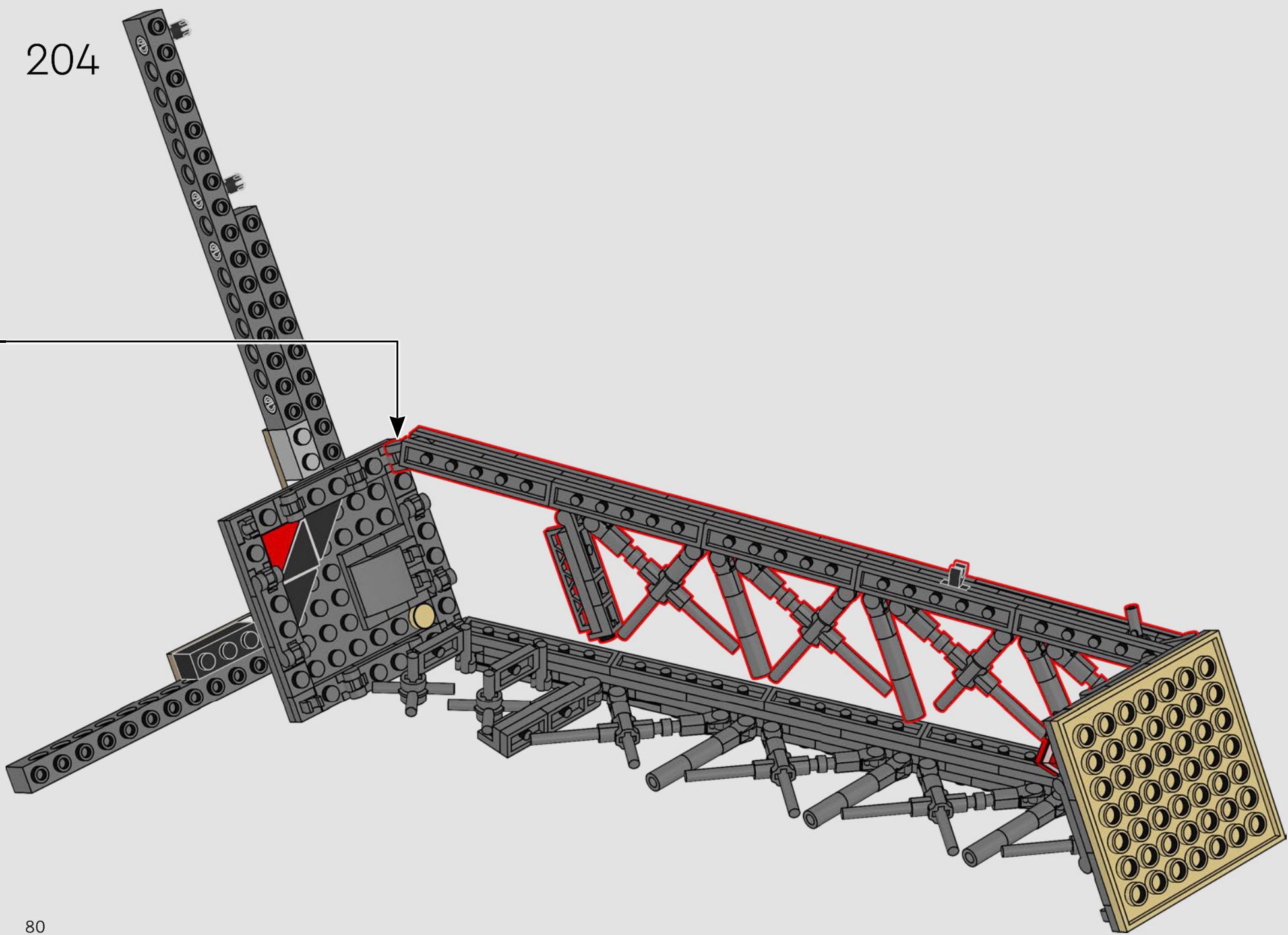


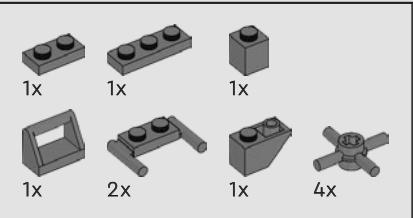
203





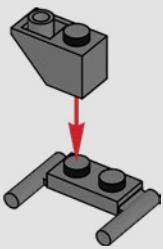
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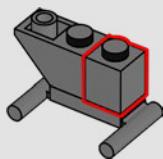


205

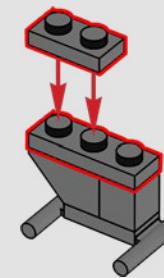
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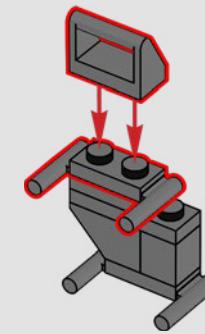
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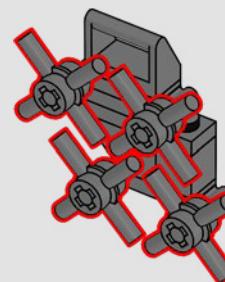
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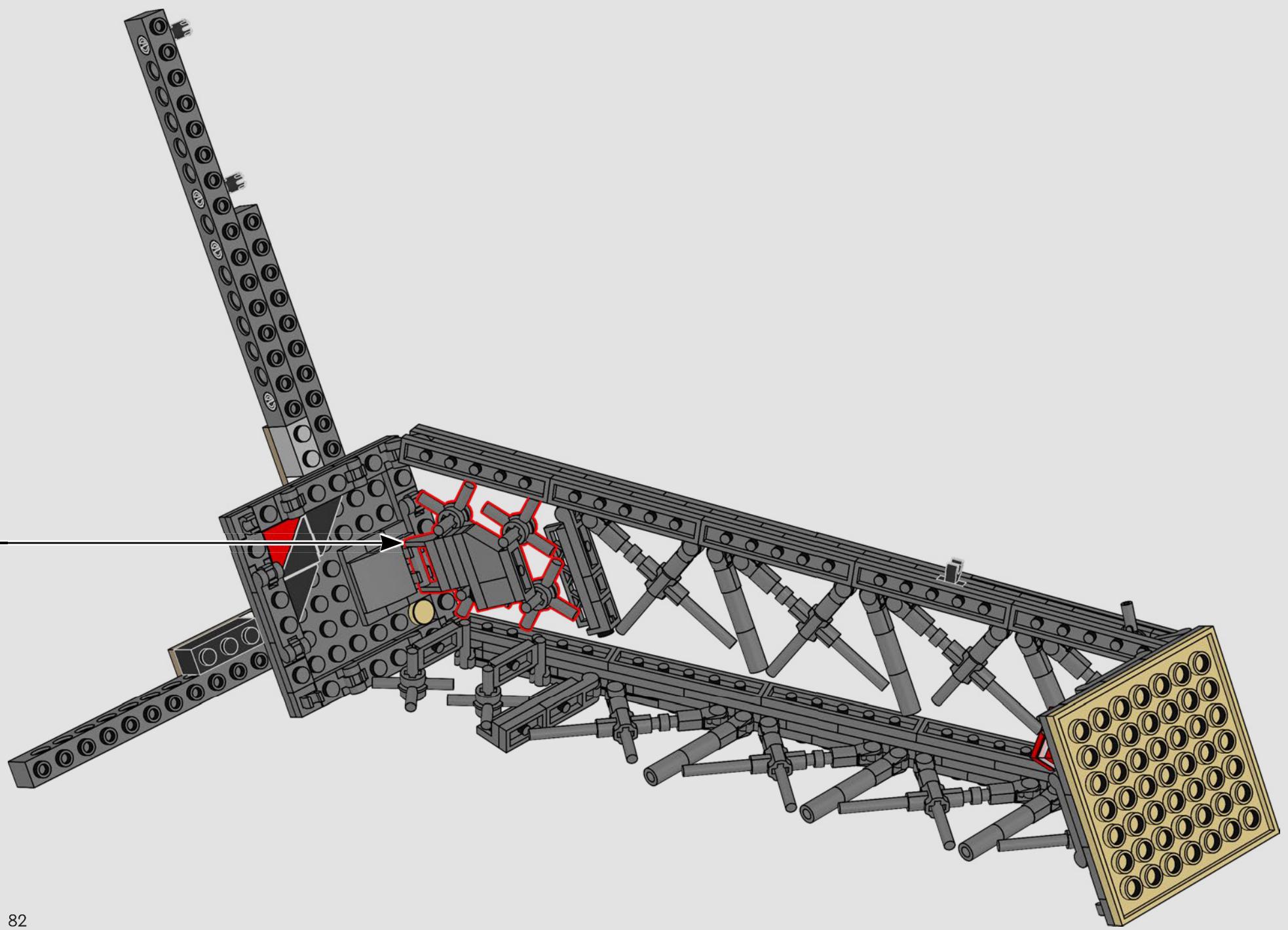


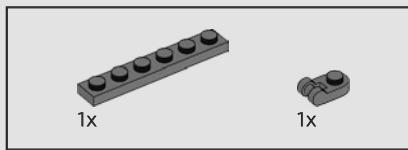
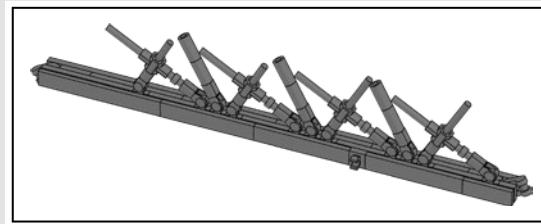
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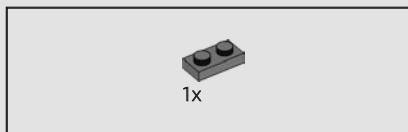
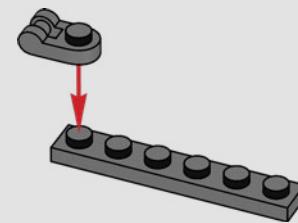
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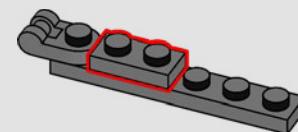




206

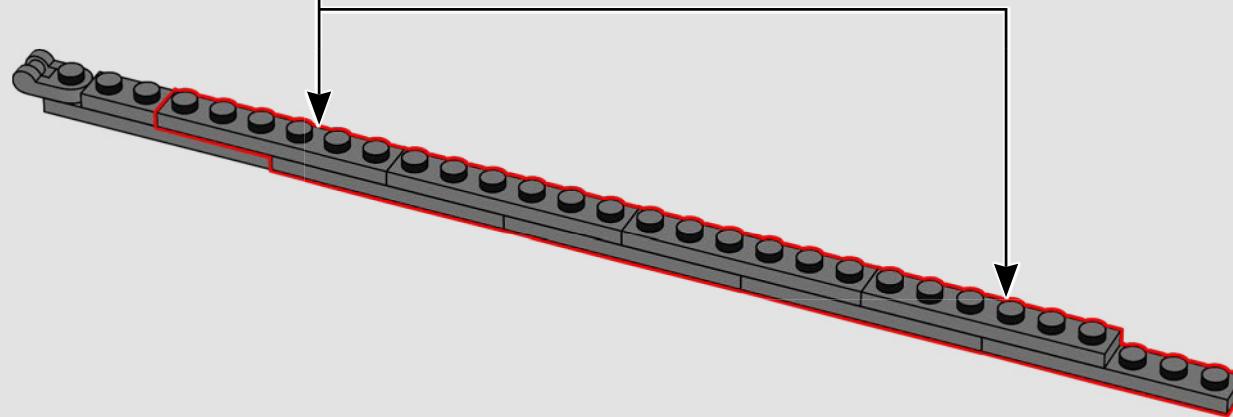
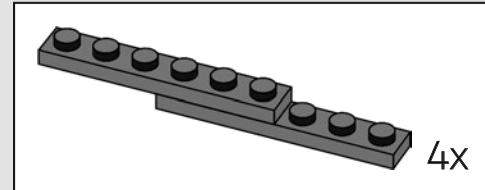


207

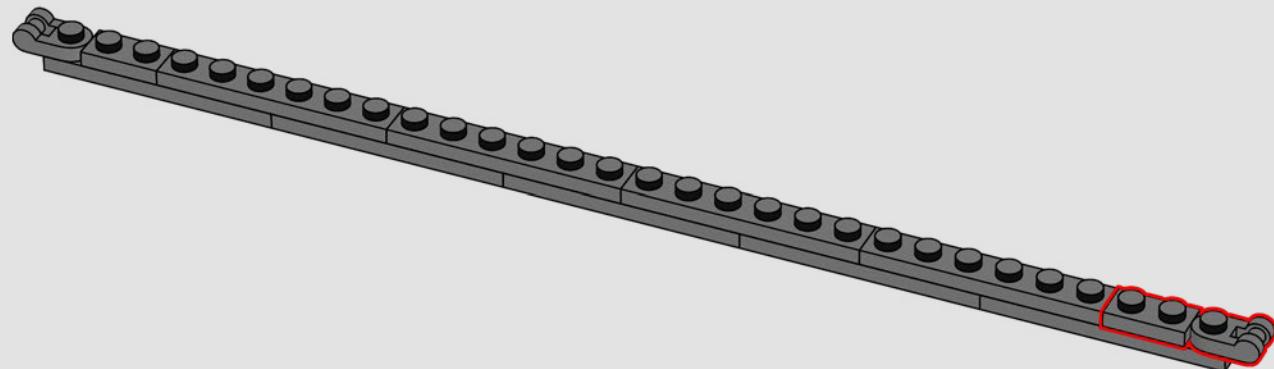


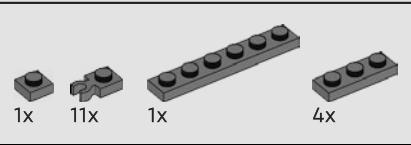


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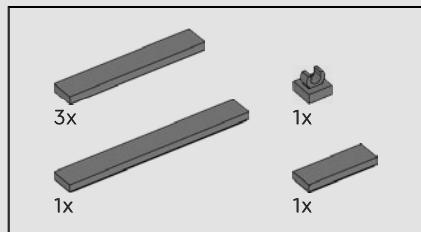
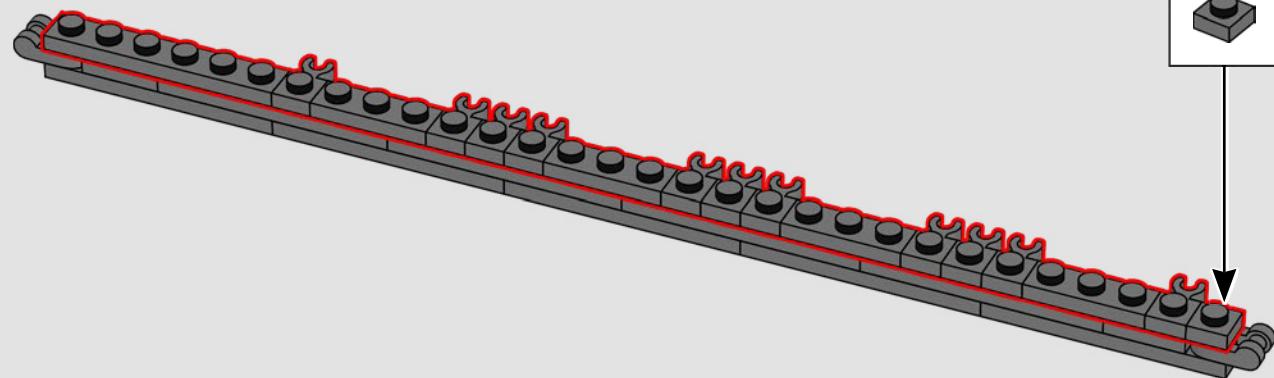


209

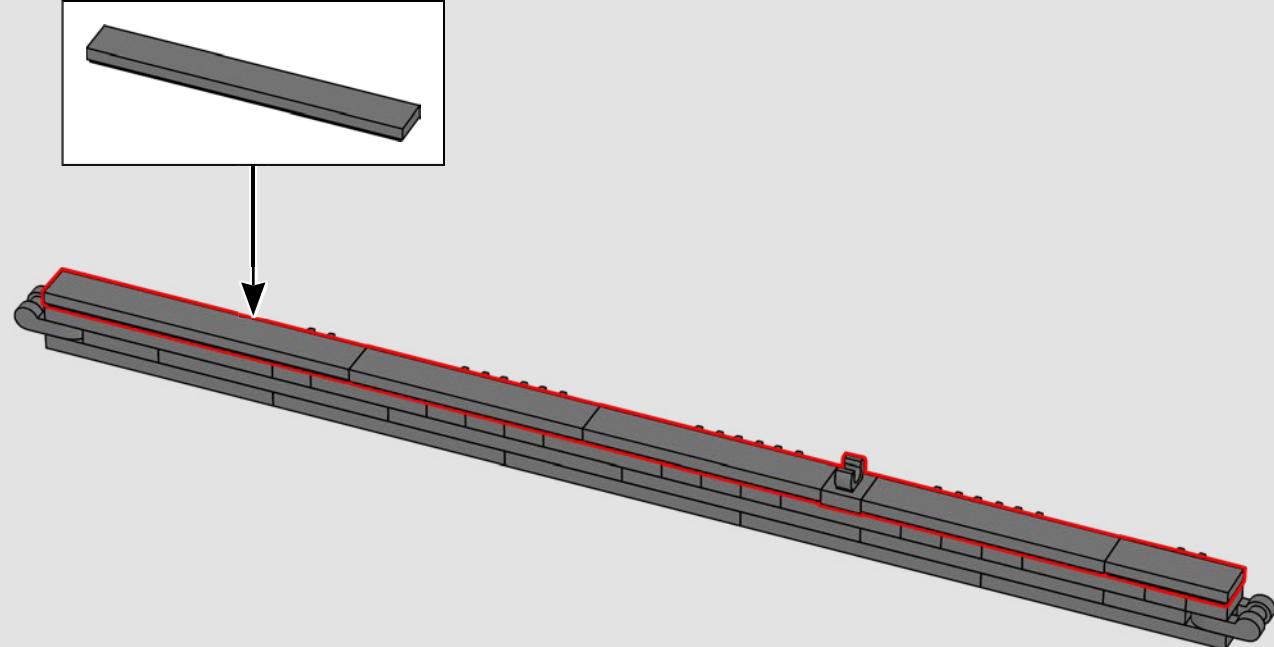




210

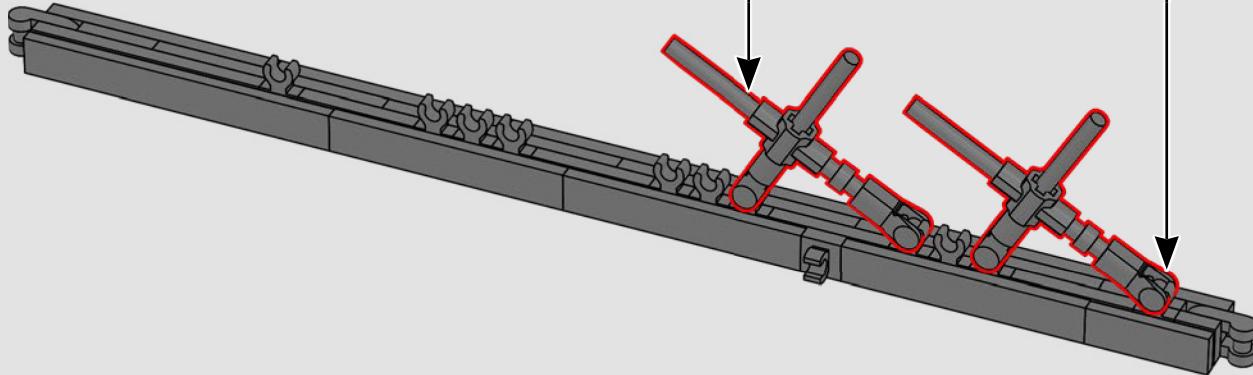
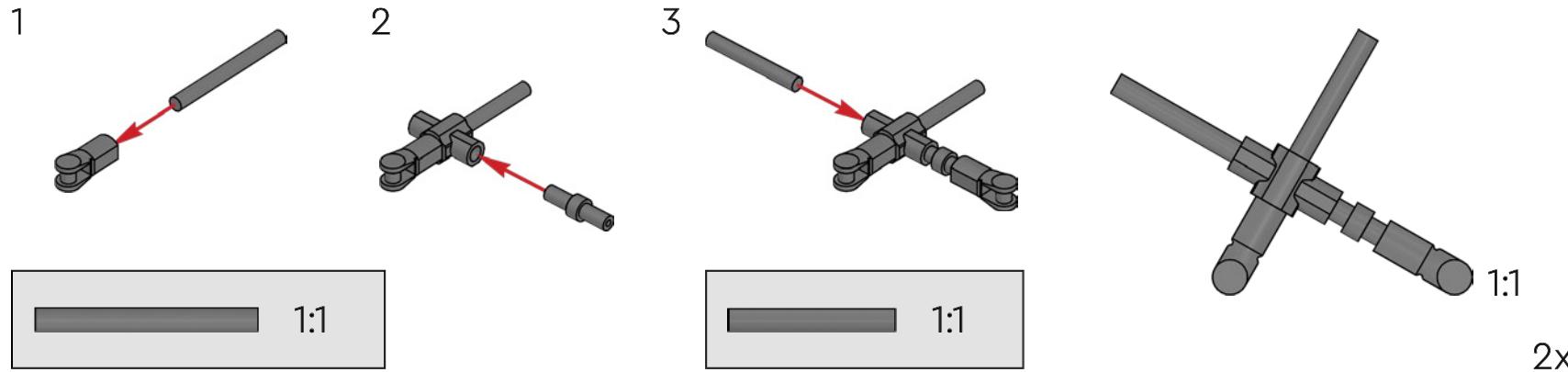


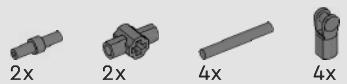
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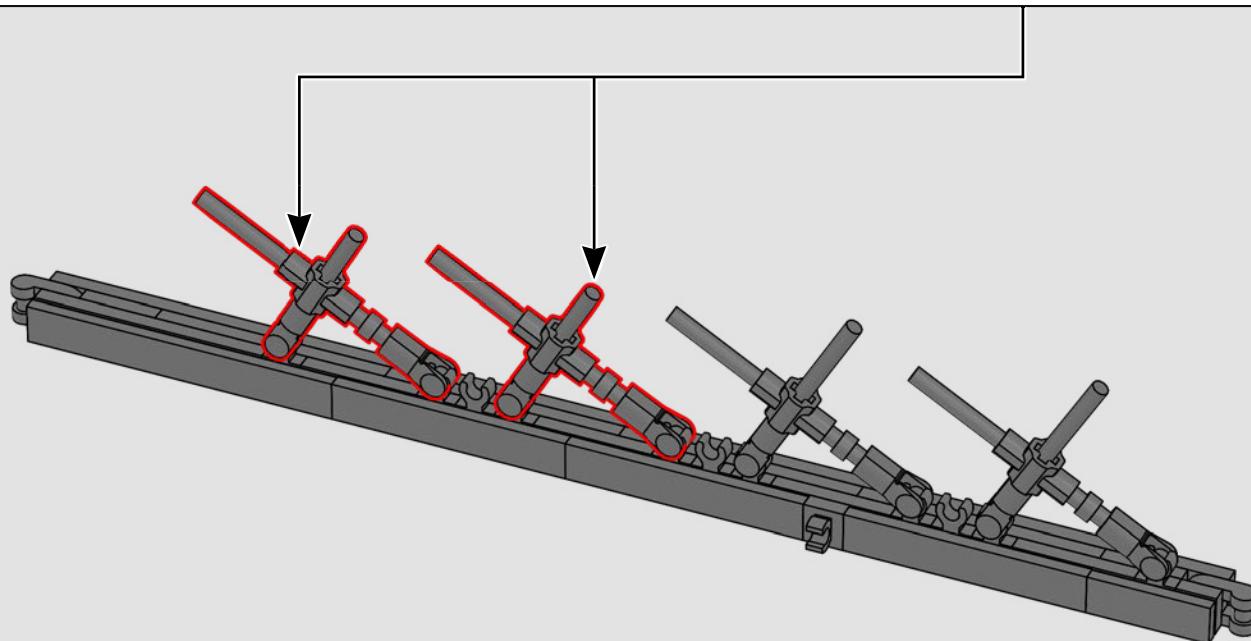
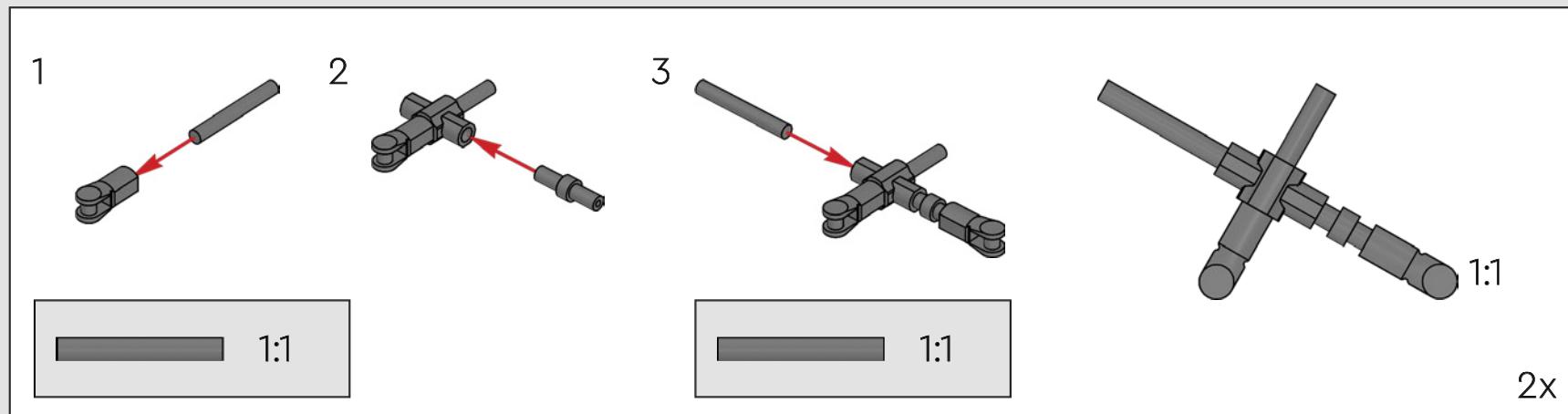


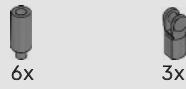
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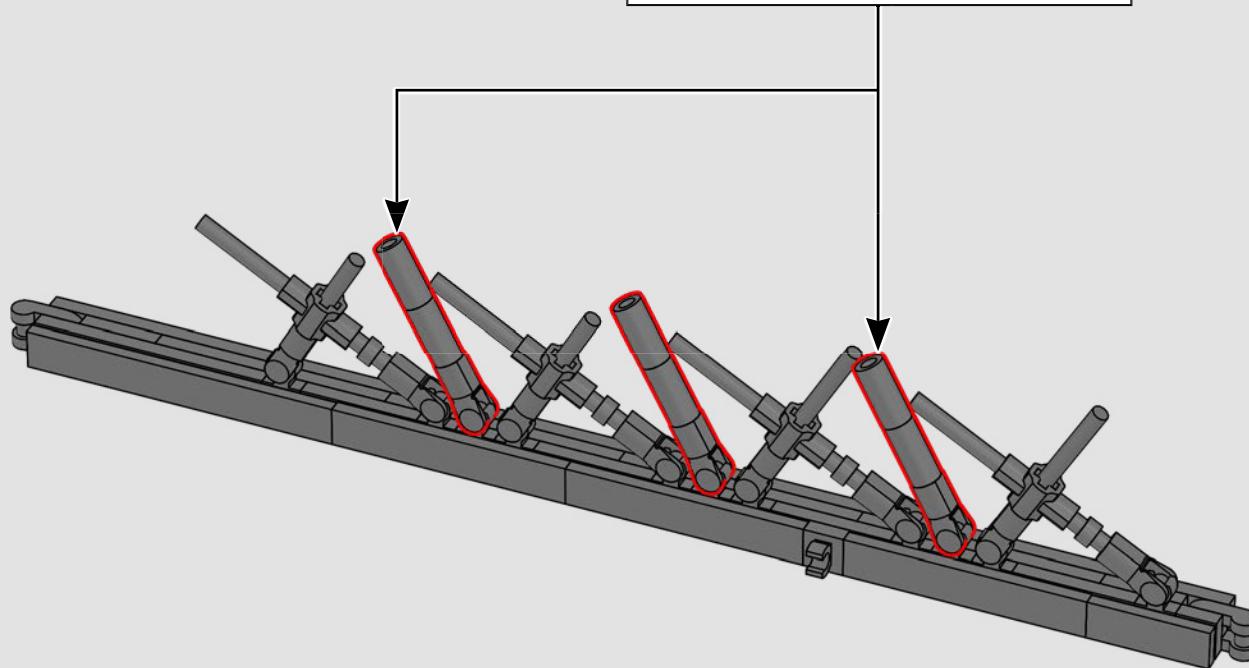
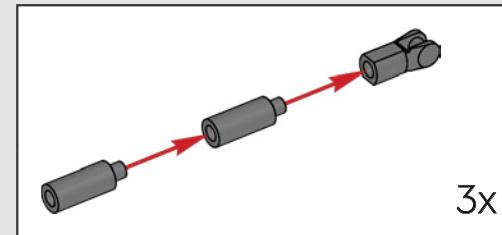


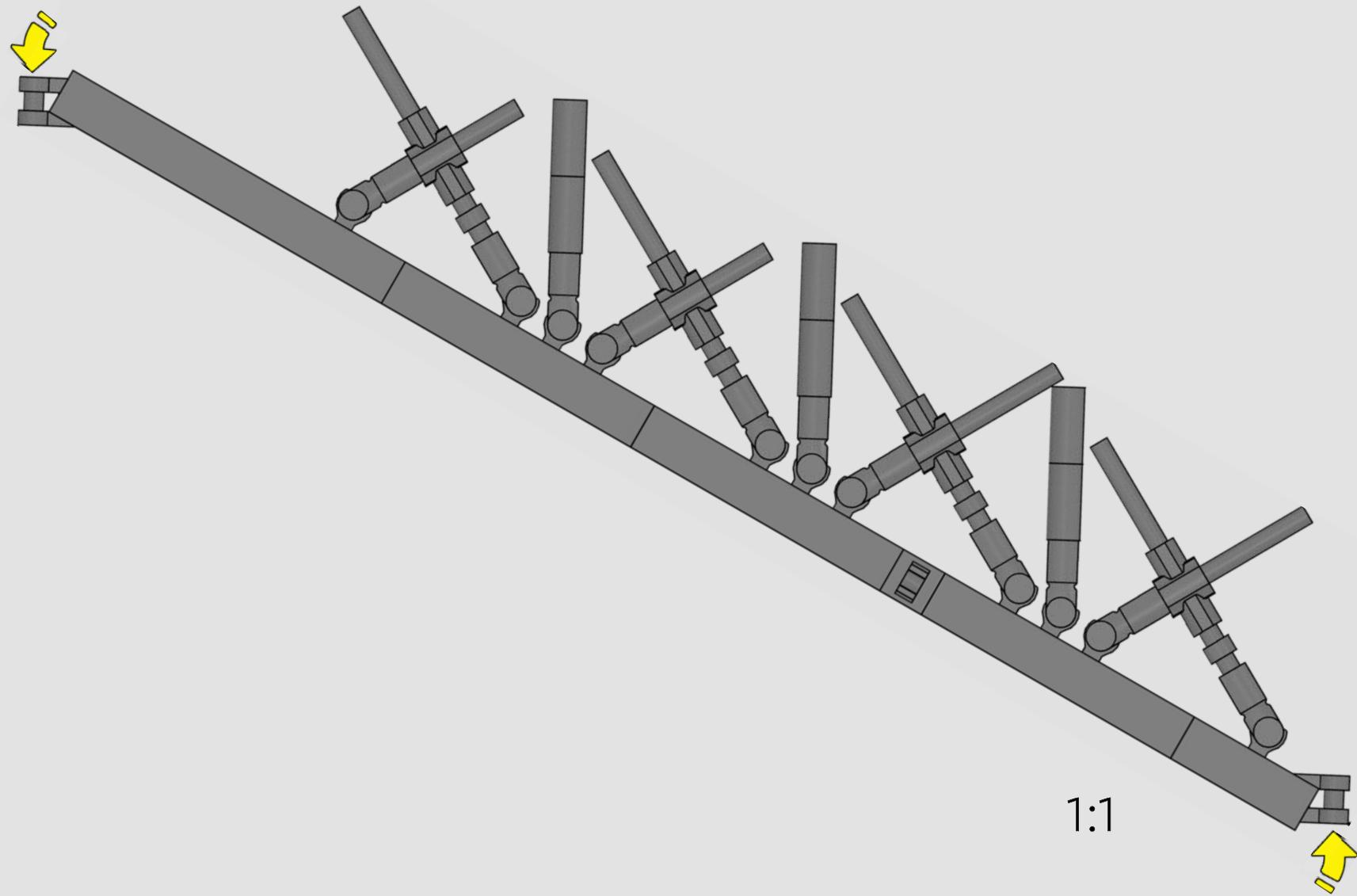
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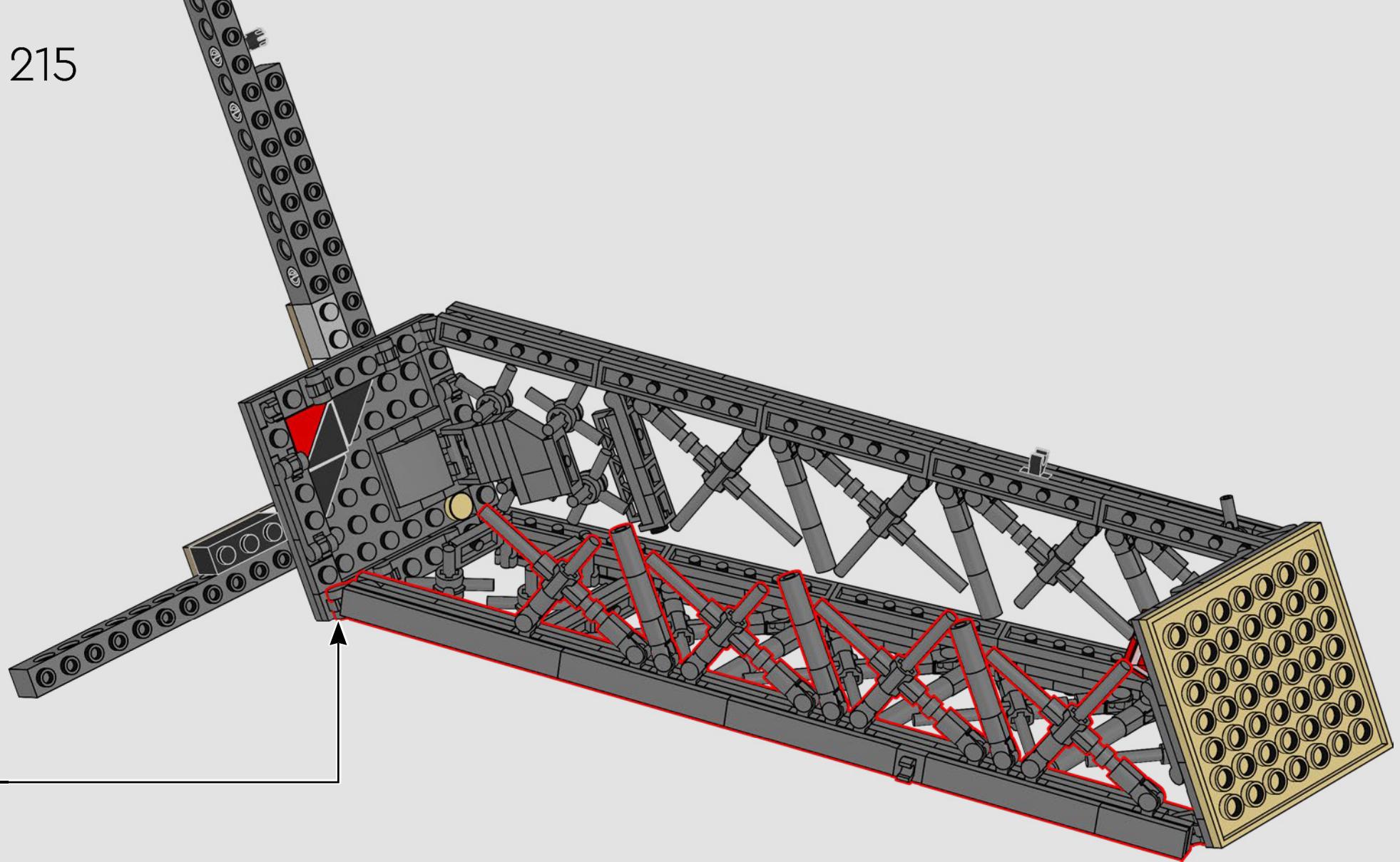


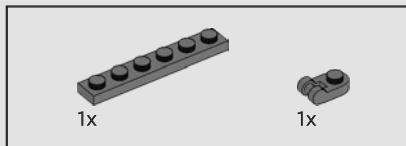
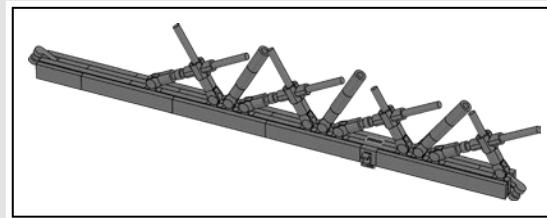
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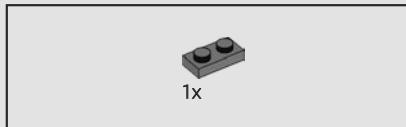
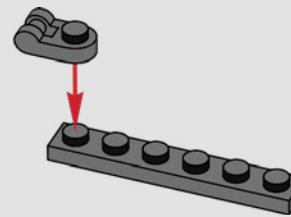


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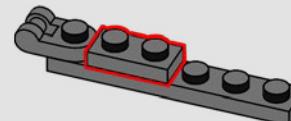




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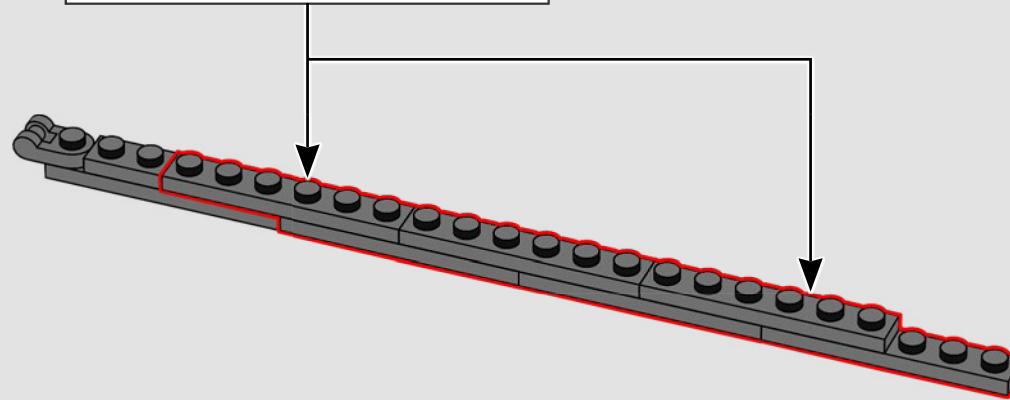
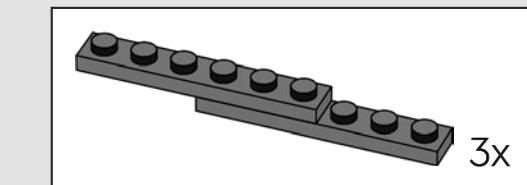


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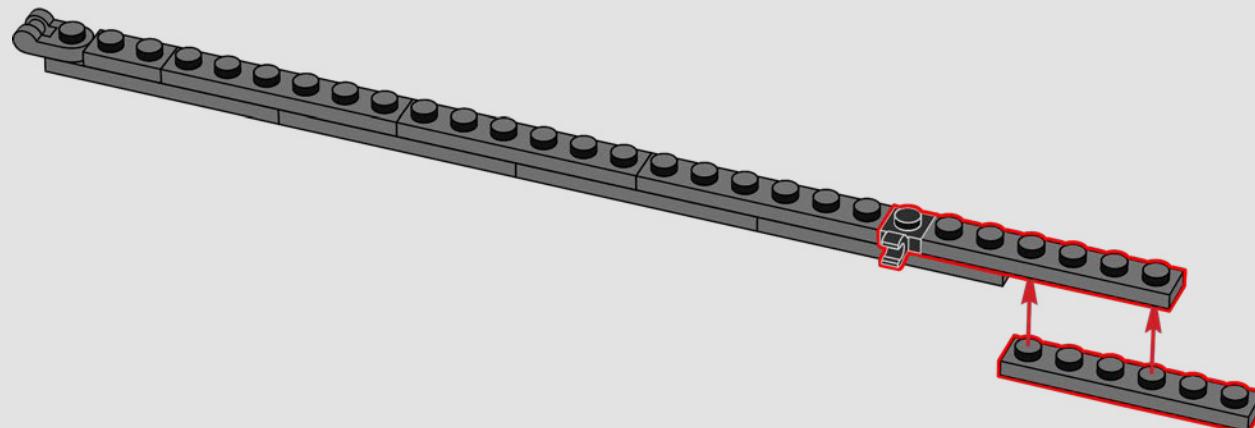




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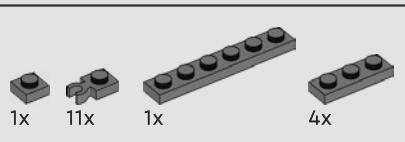
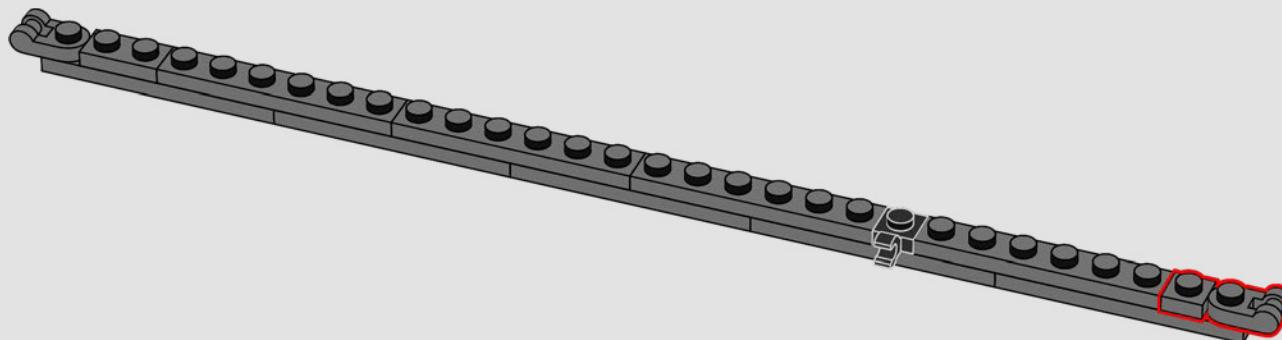


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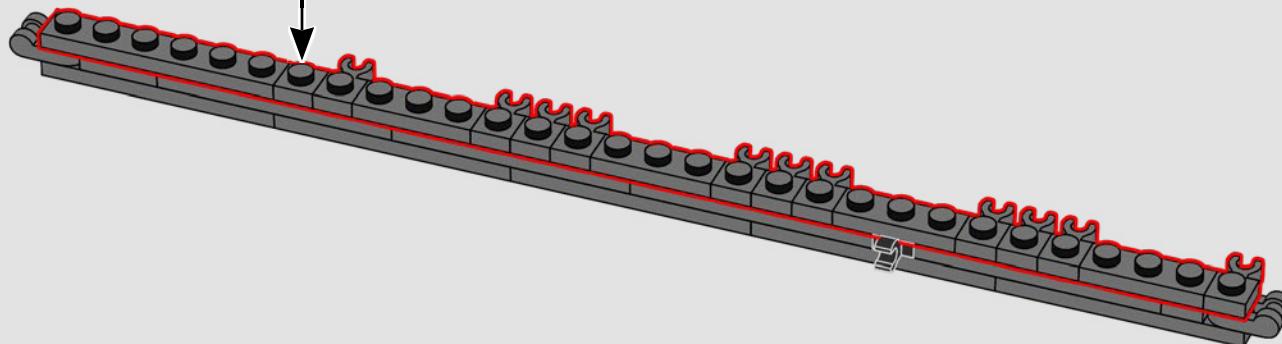
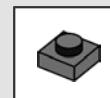


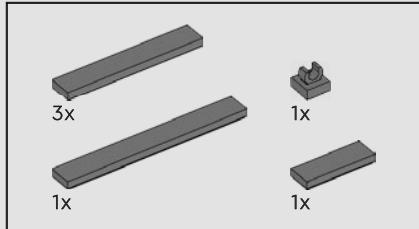


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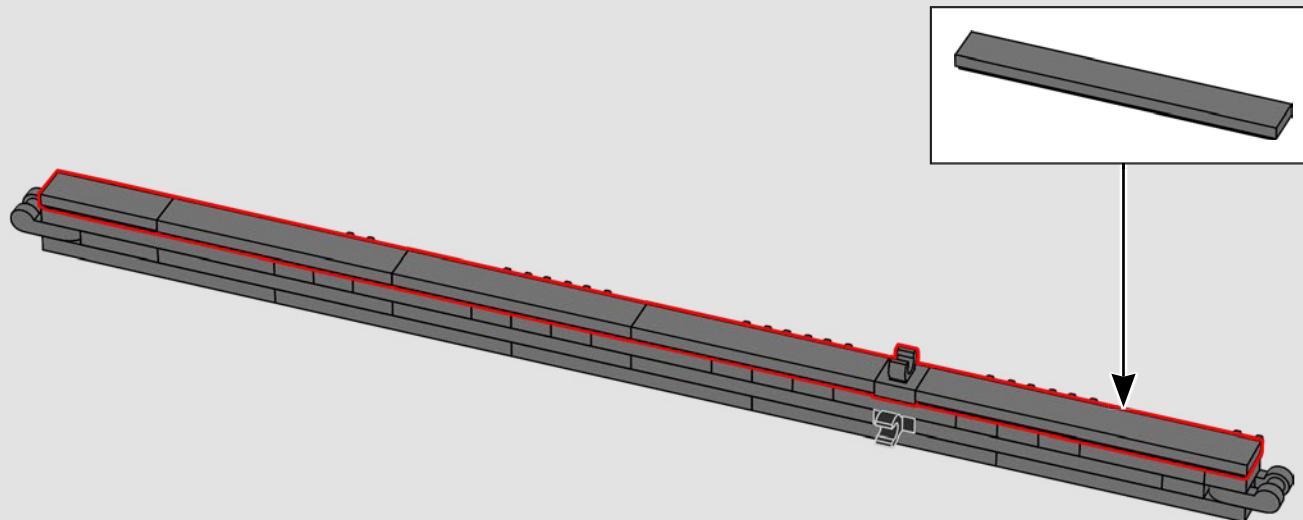


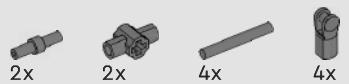
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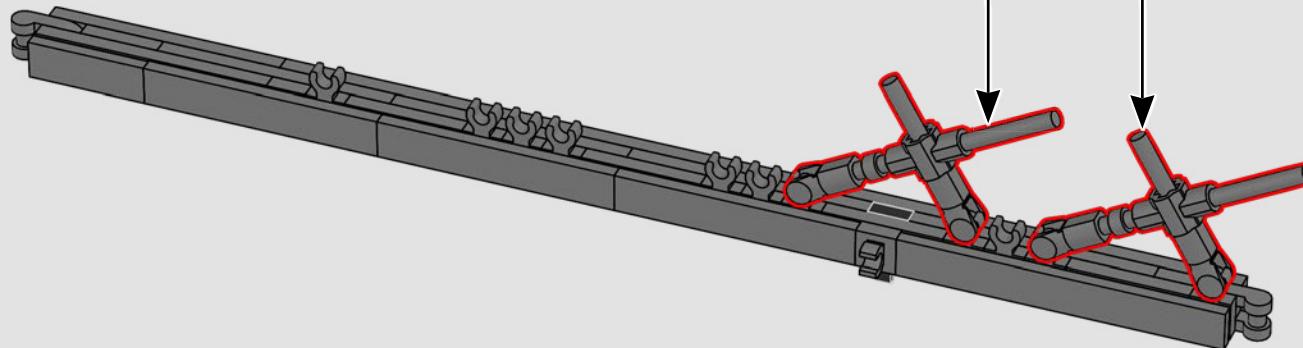
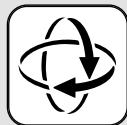
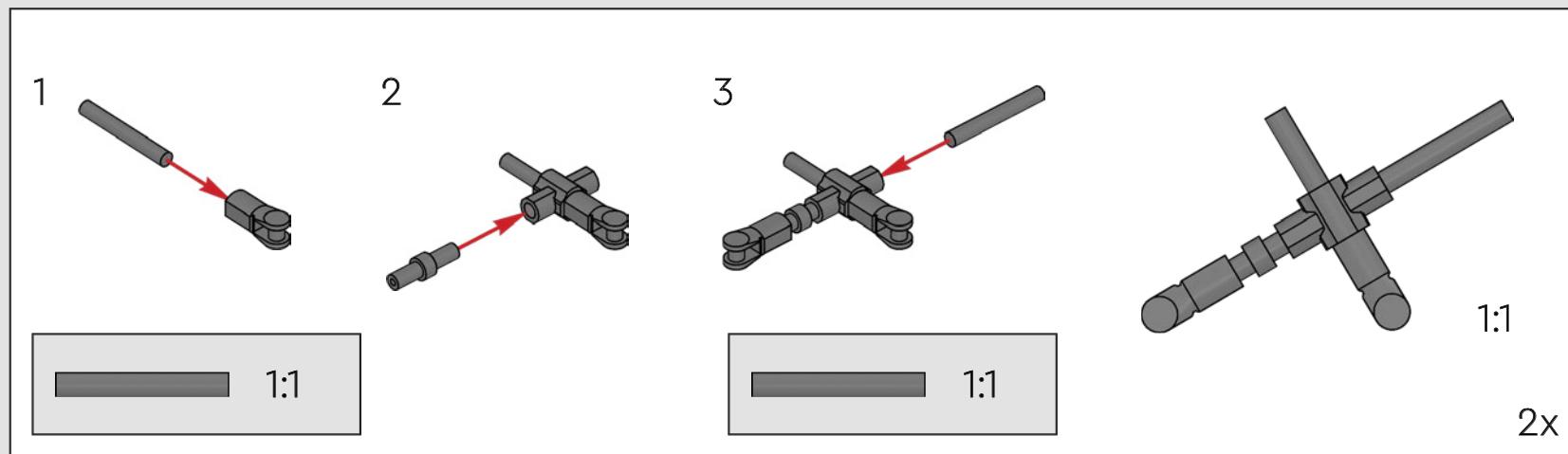


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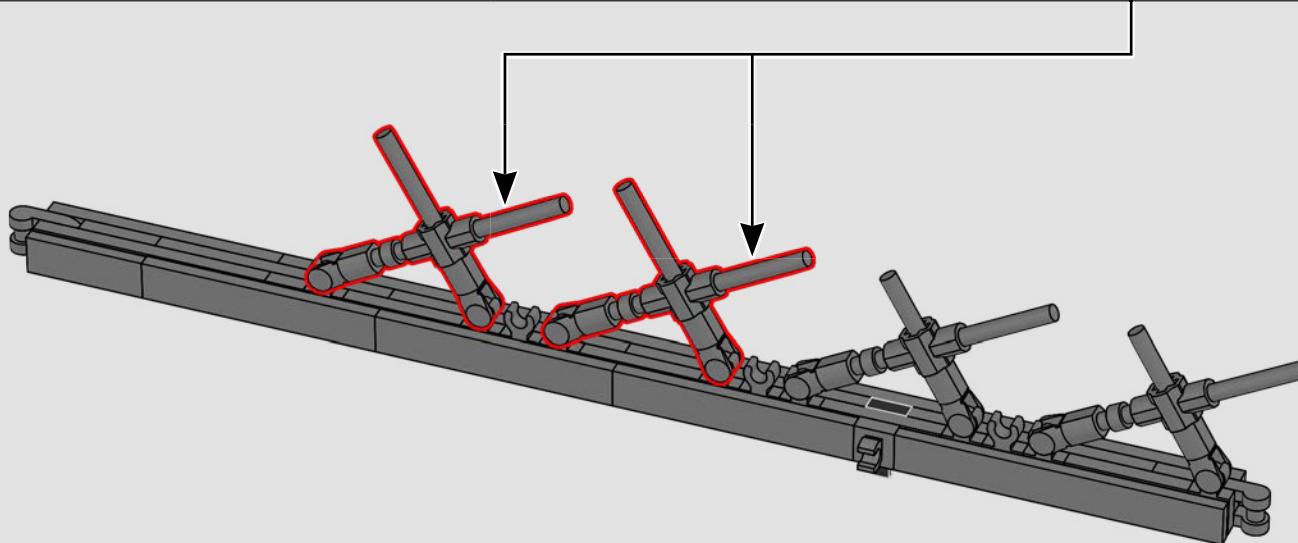
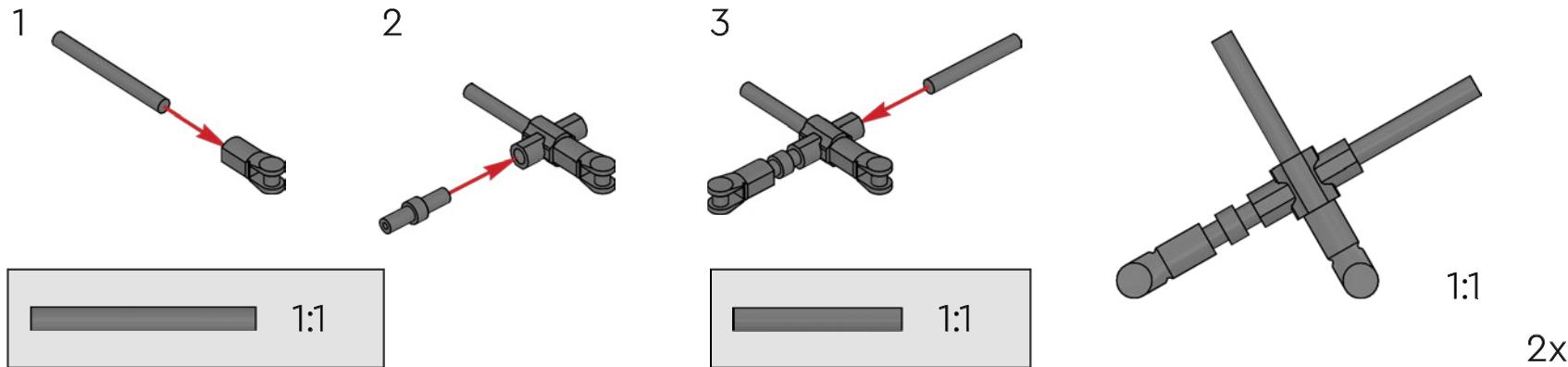


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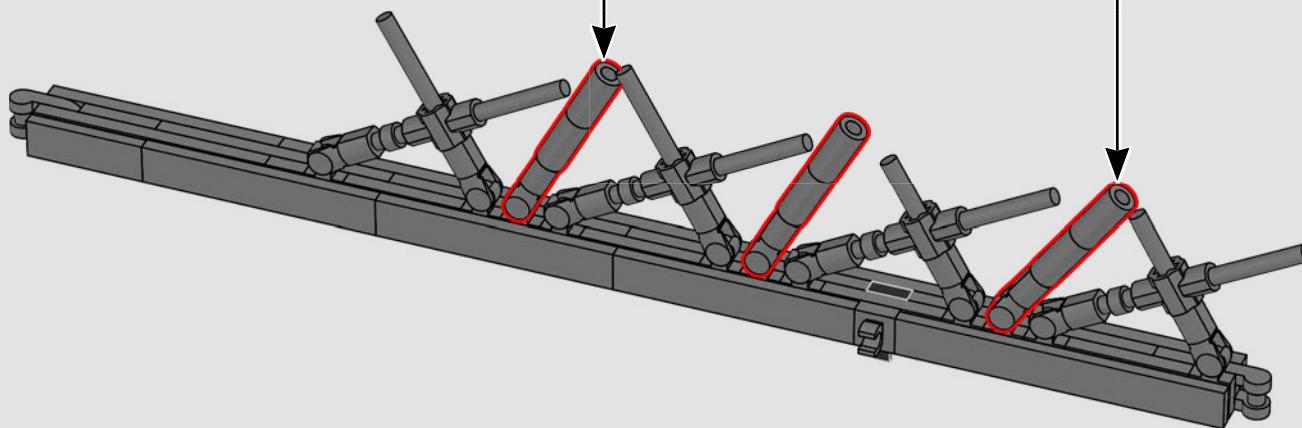
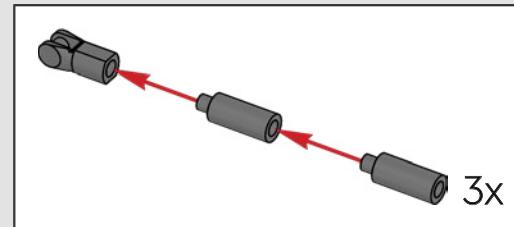
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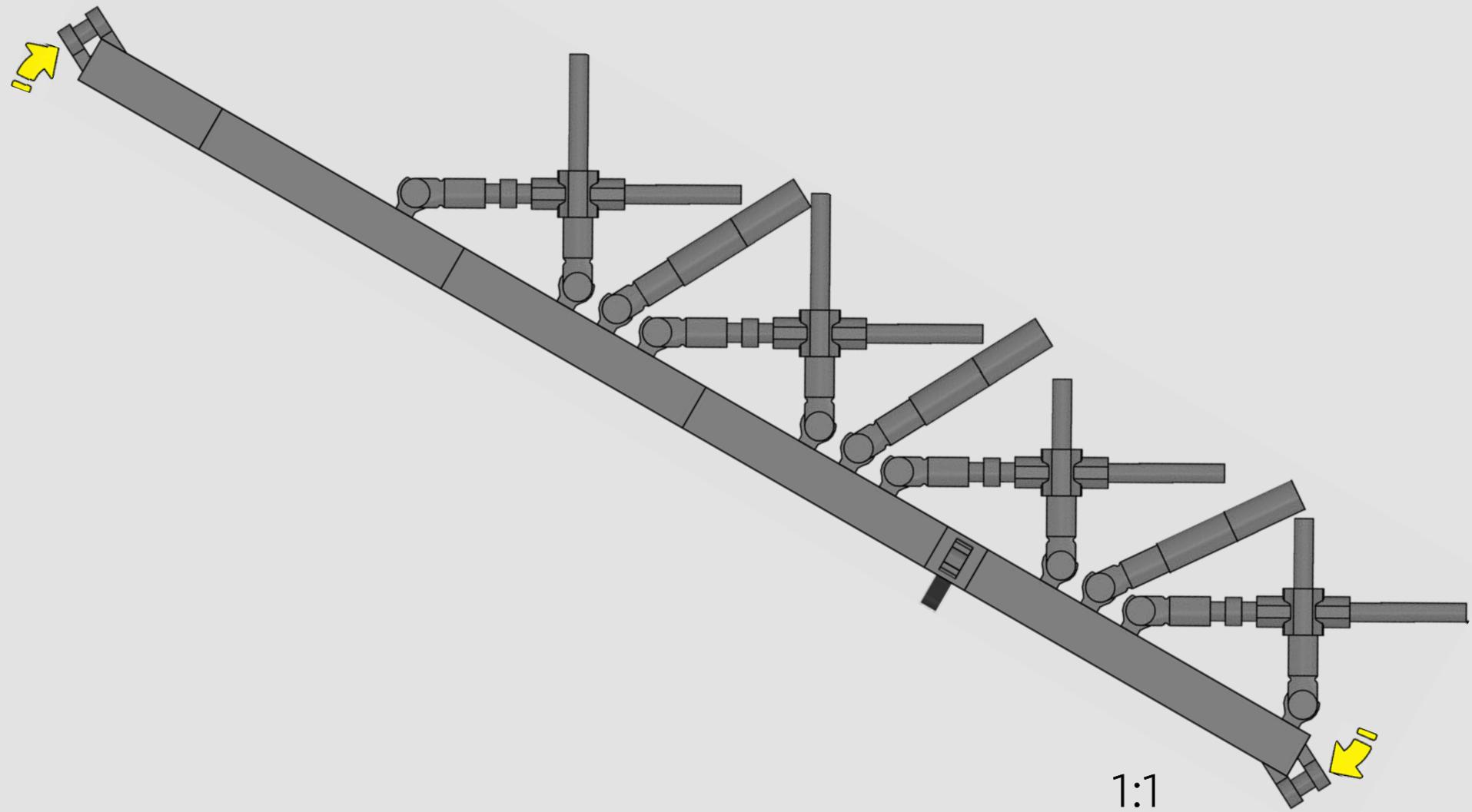


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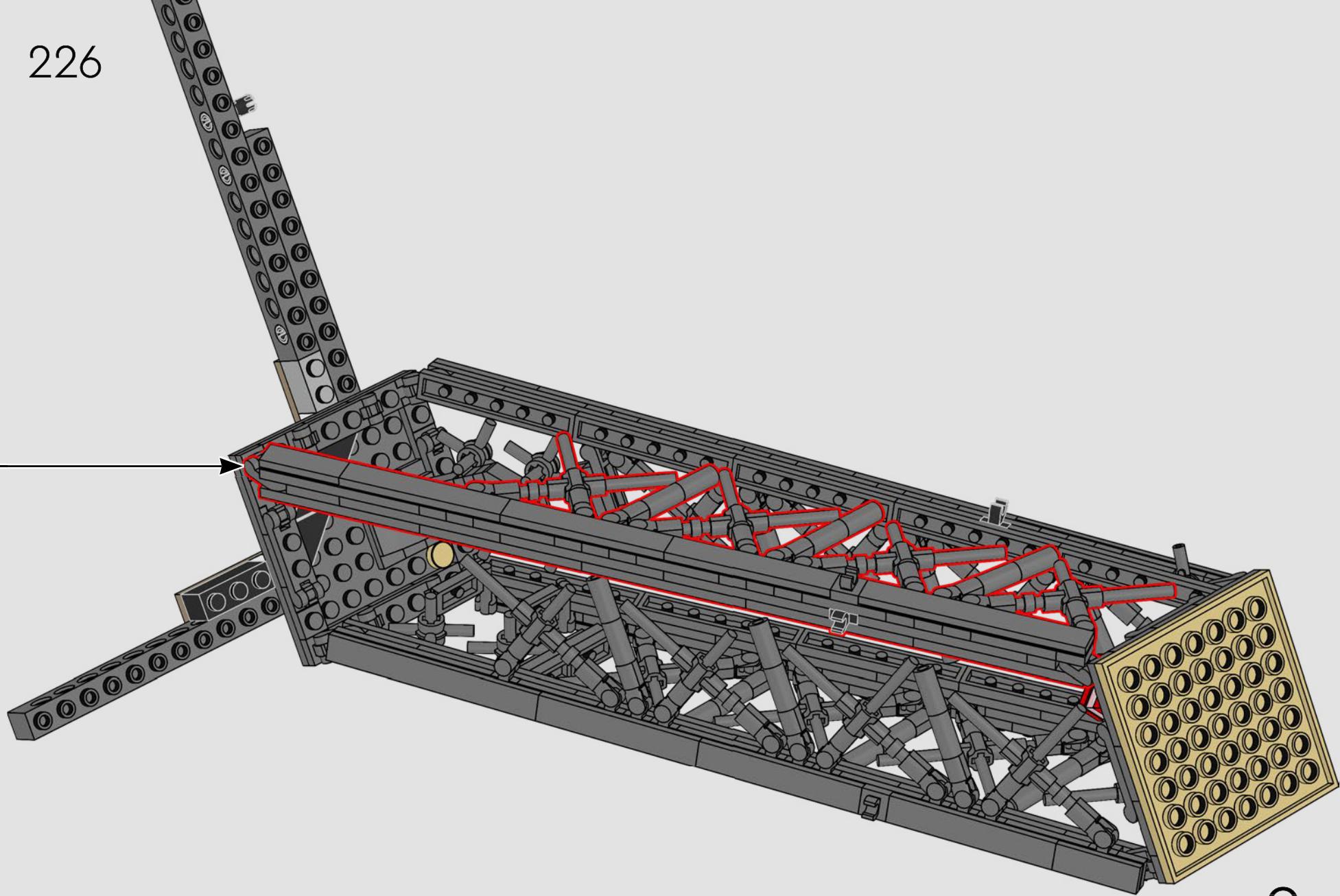
3x

225



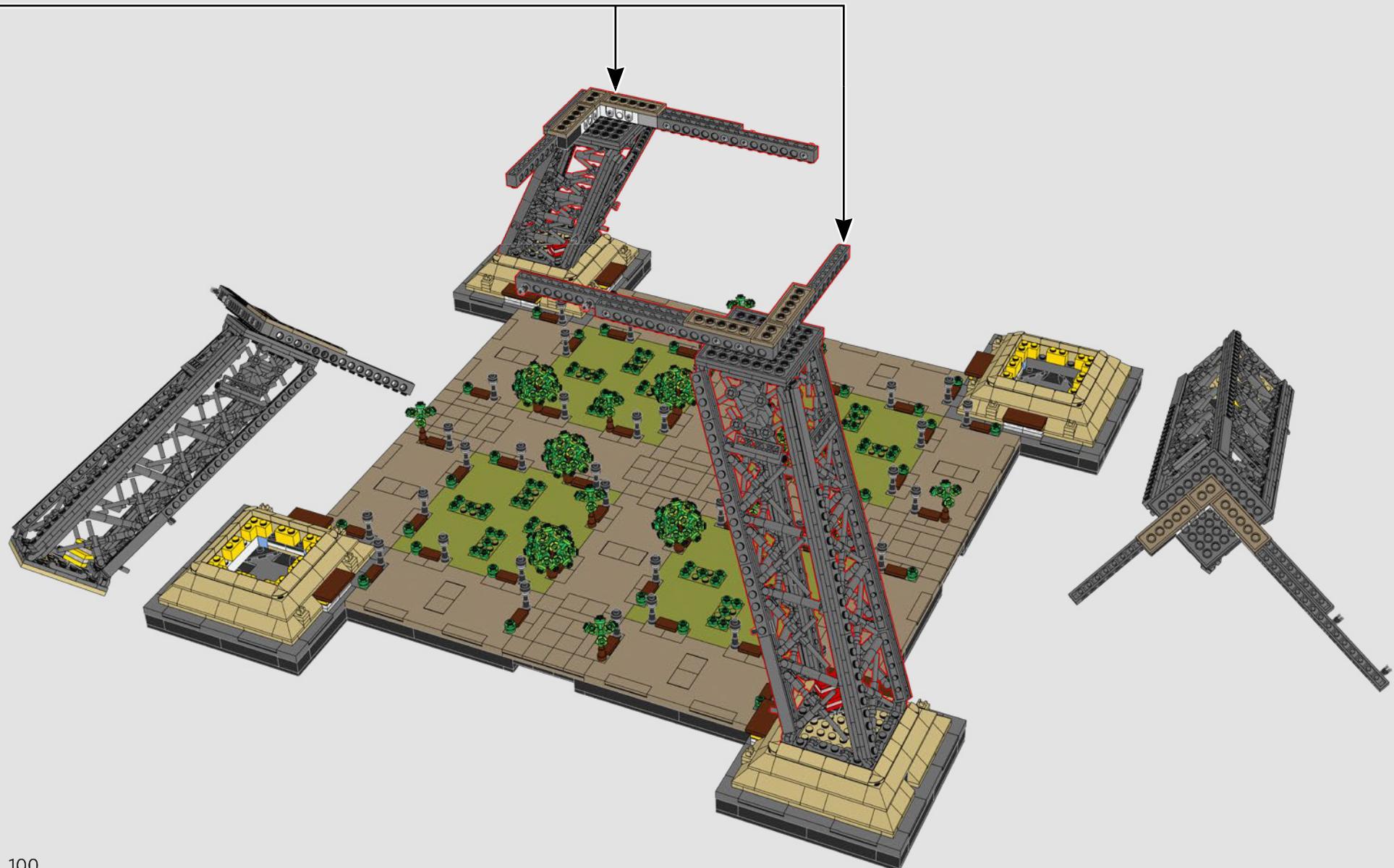


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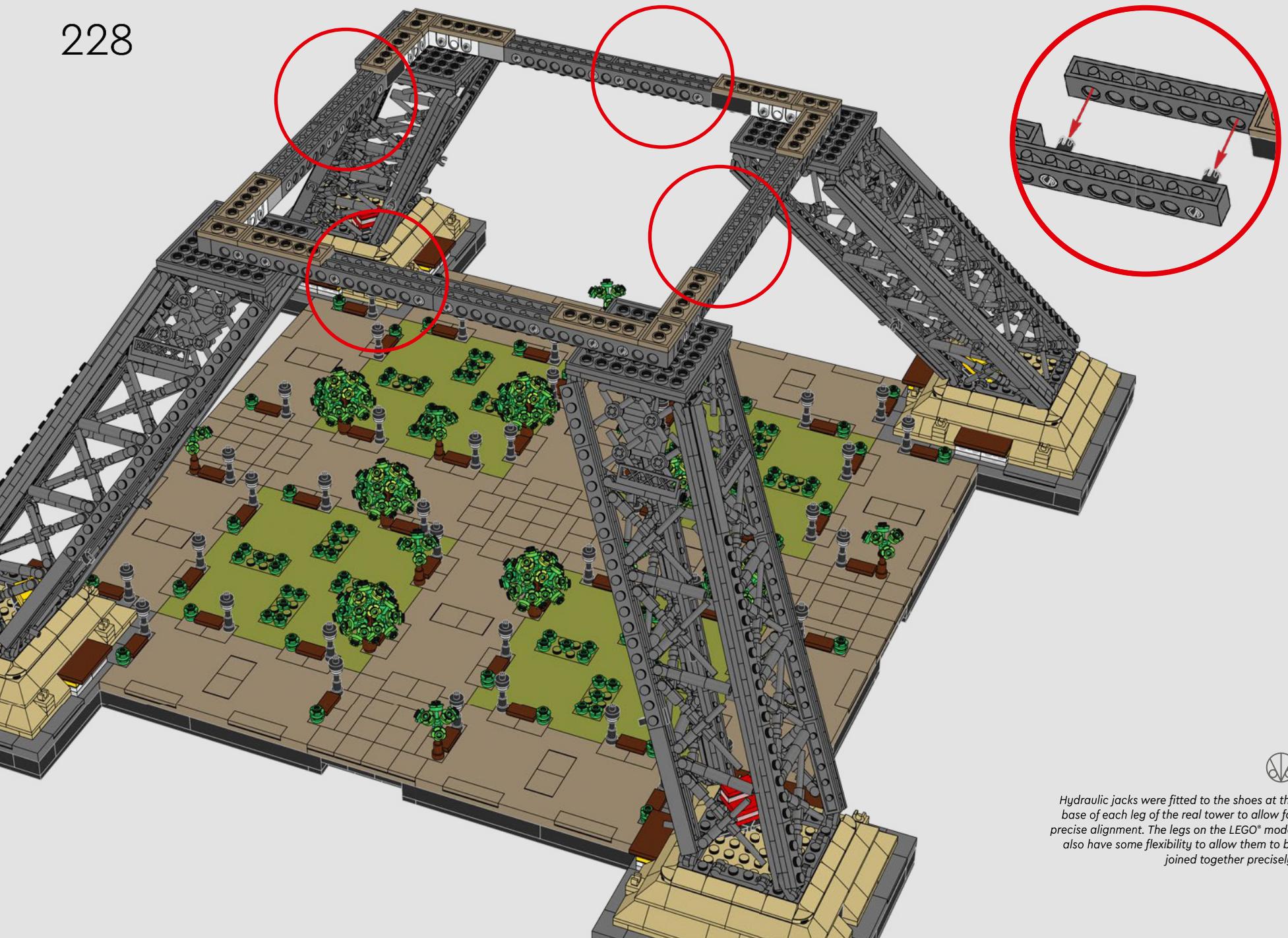


2X

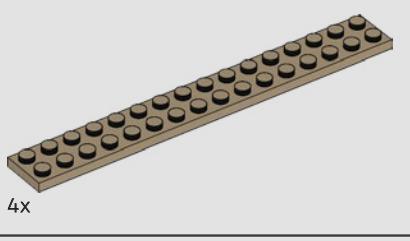
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228

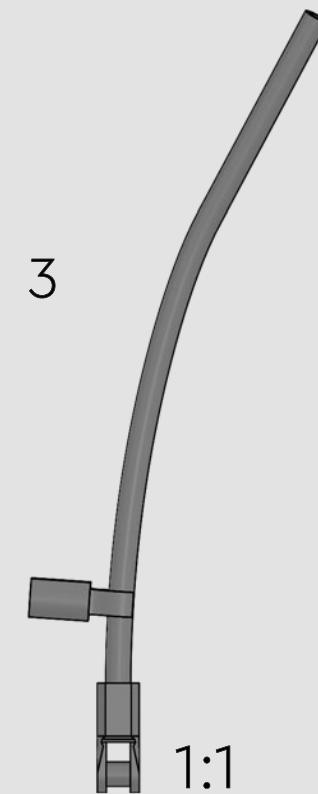
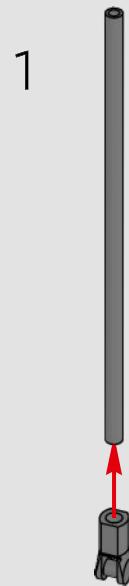
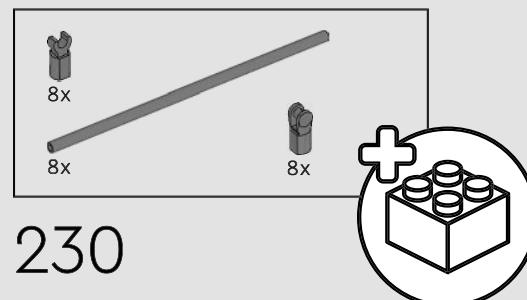
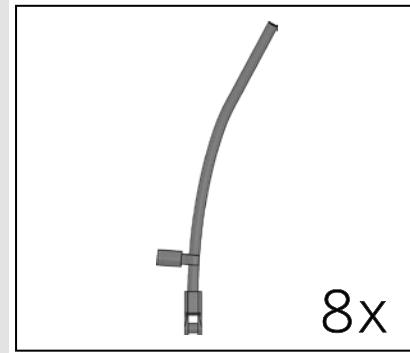
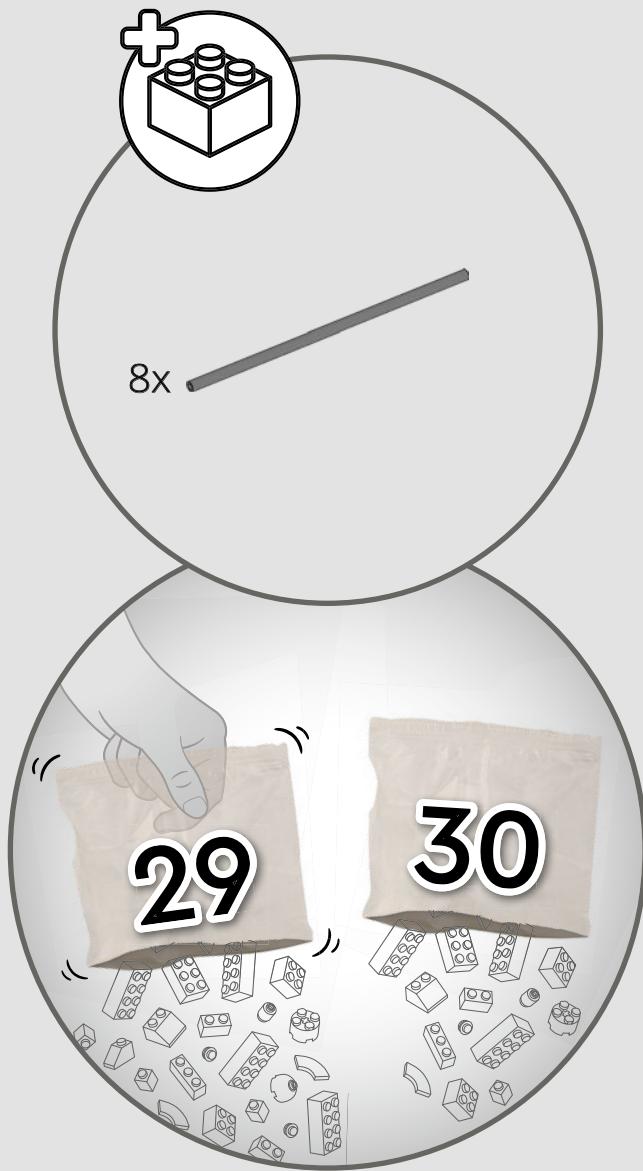


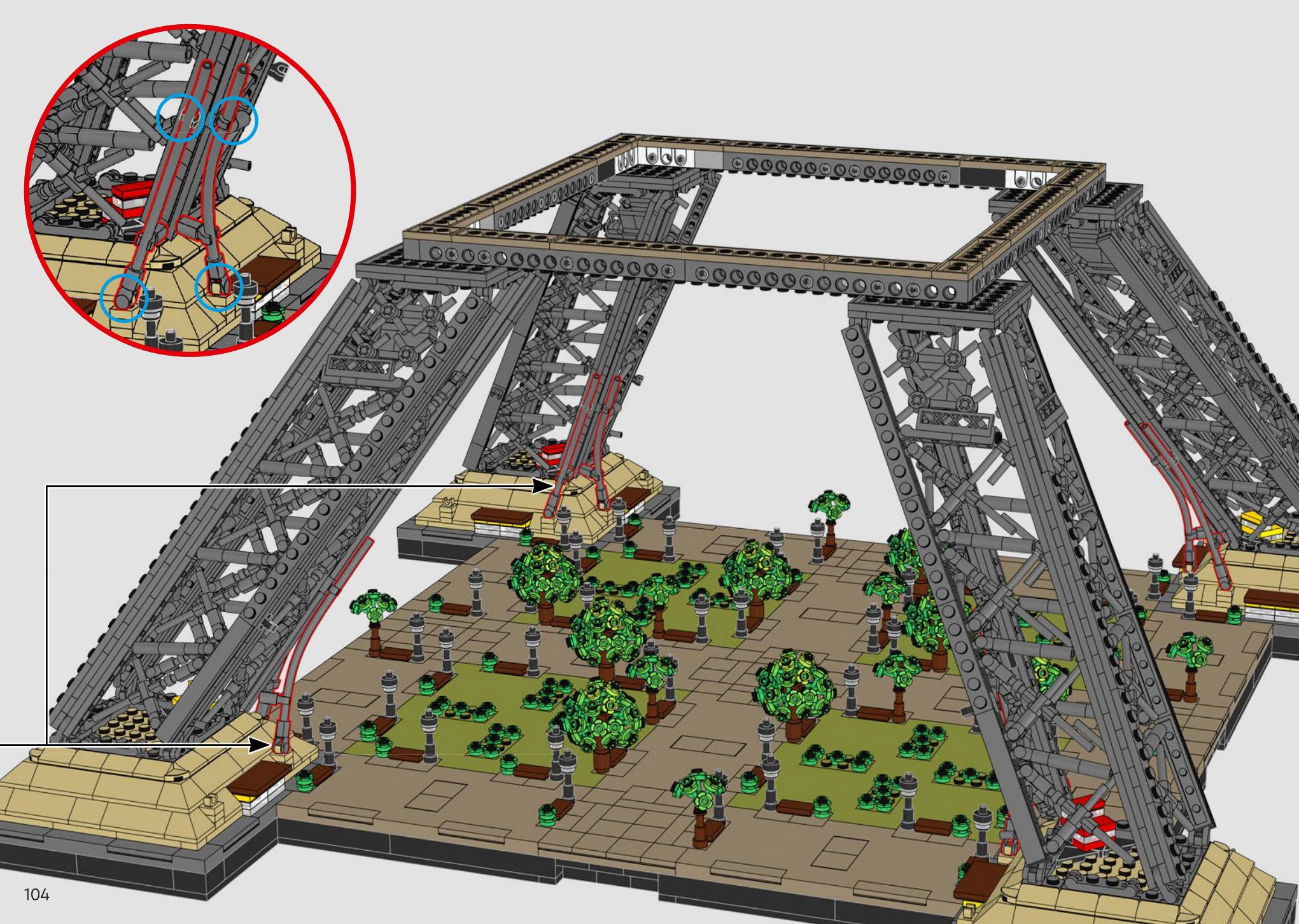
Hydraulic jacks were fitted to the shoes at the base of each leg of the real tower to allow for precise alignment. The legs on the LEGO® model also have some flexibility to allow them to be joined together precisely.

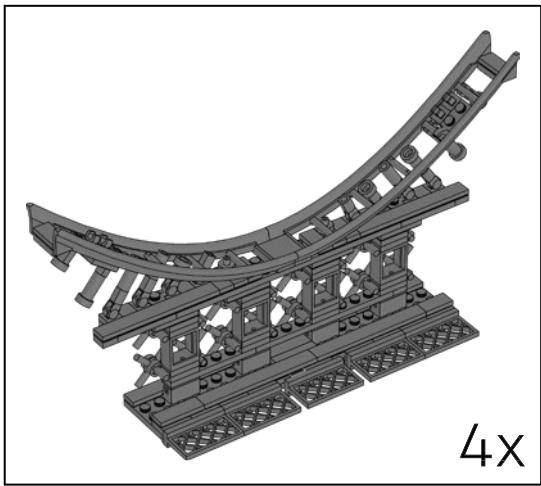


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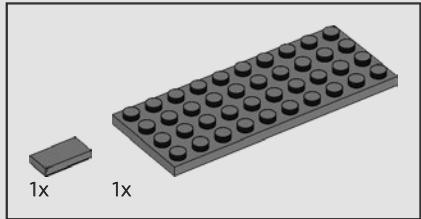




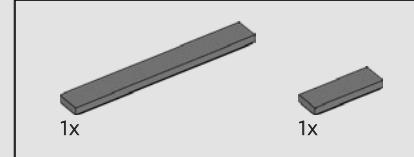
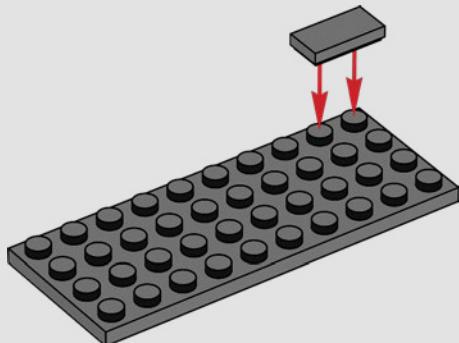




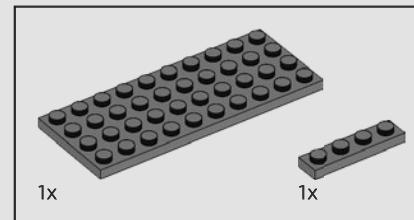
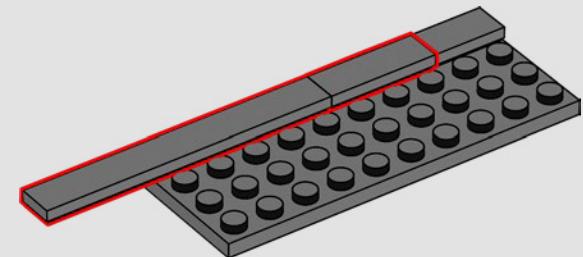
4x



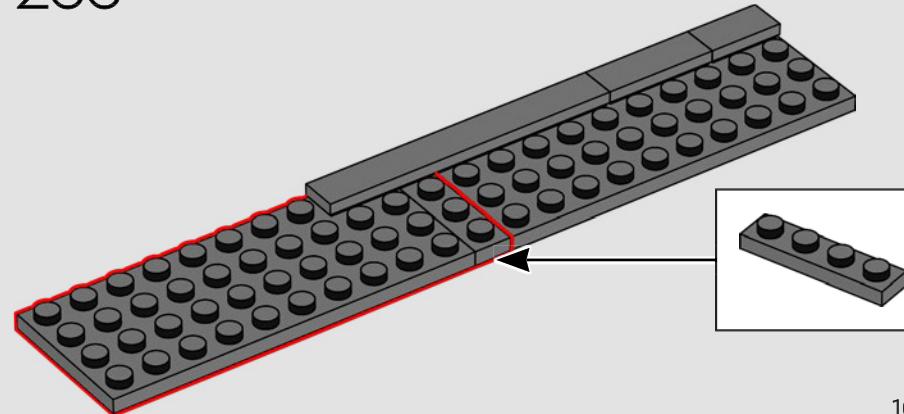
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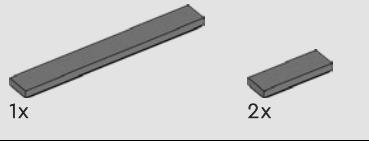


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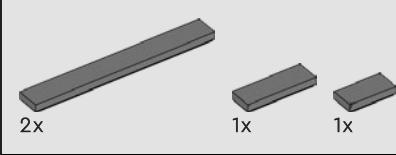
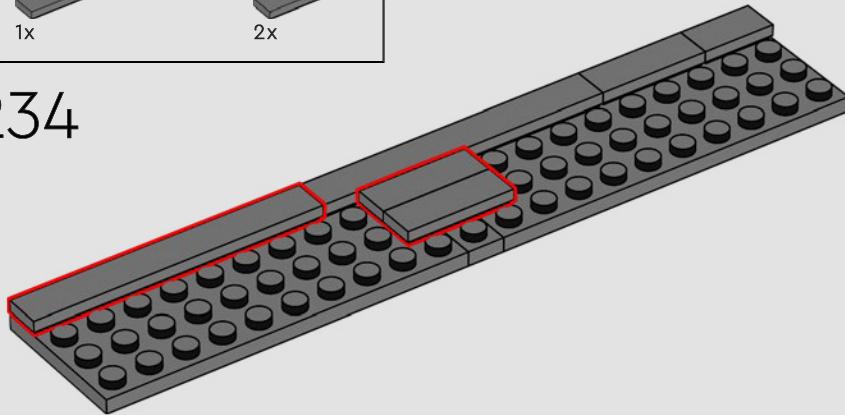


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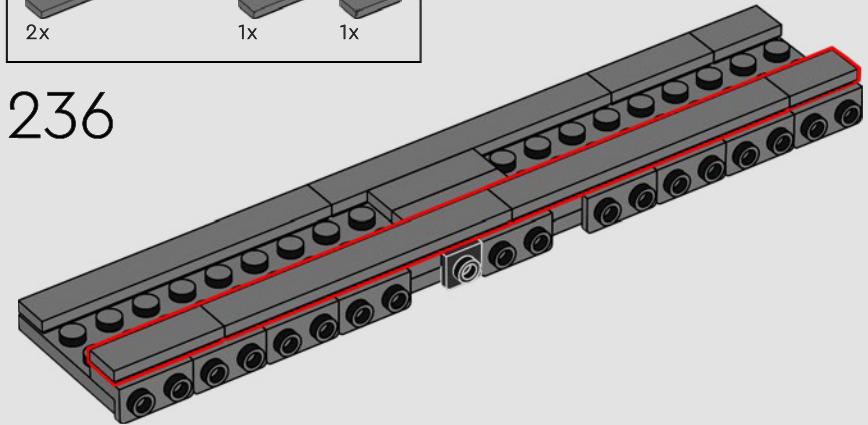




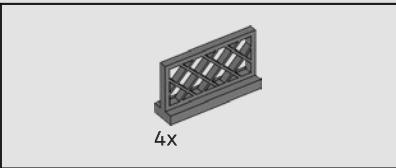
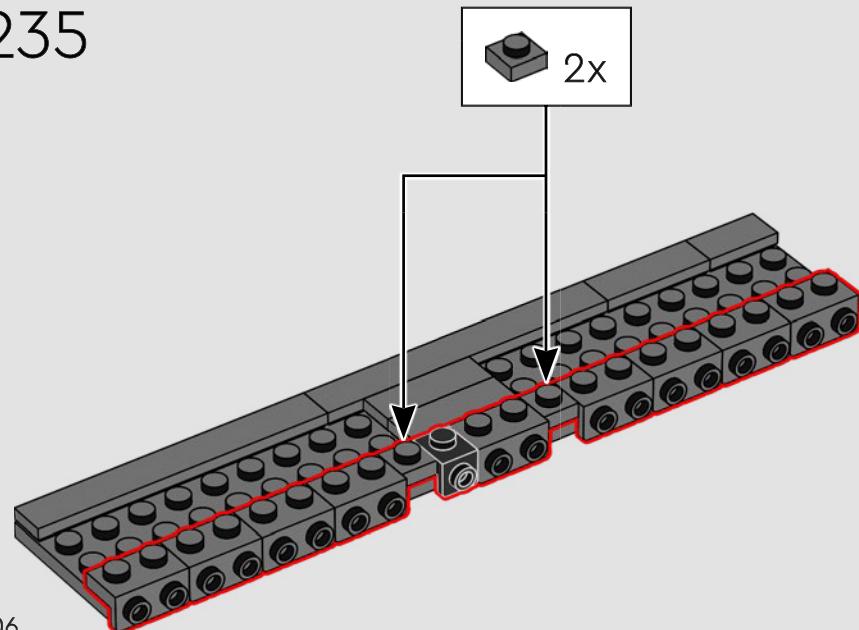
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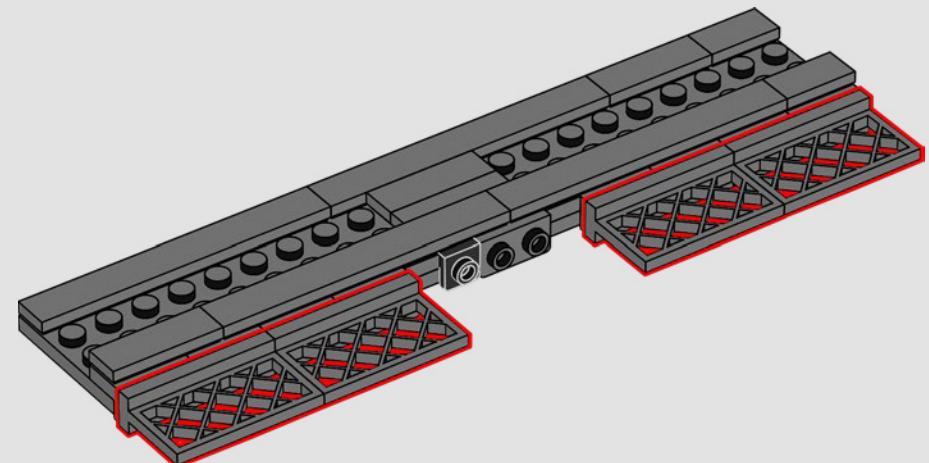
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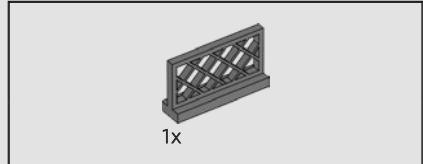


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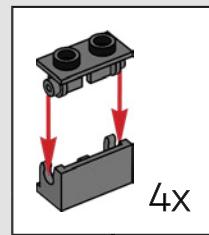
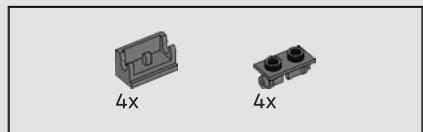
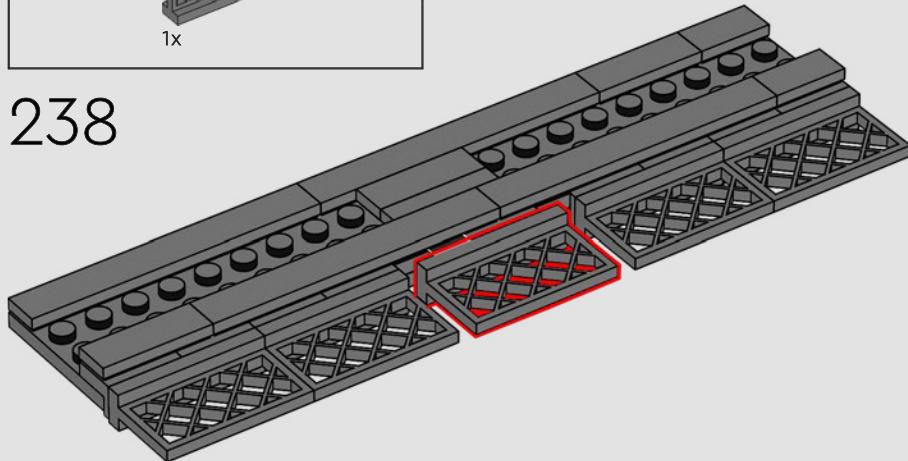


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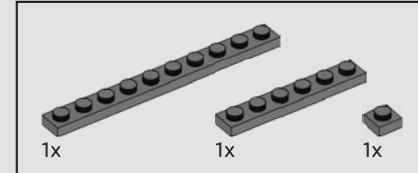
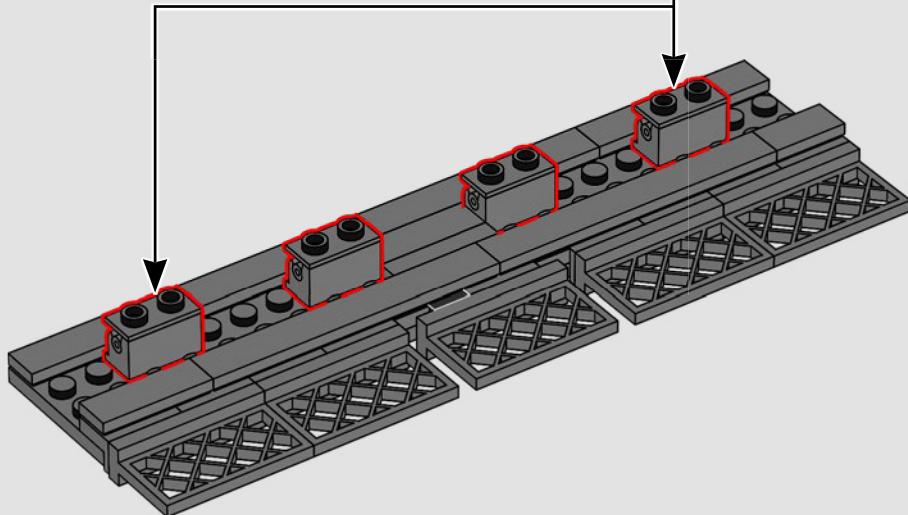




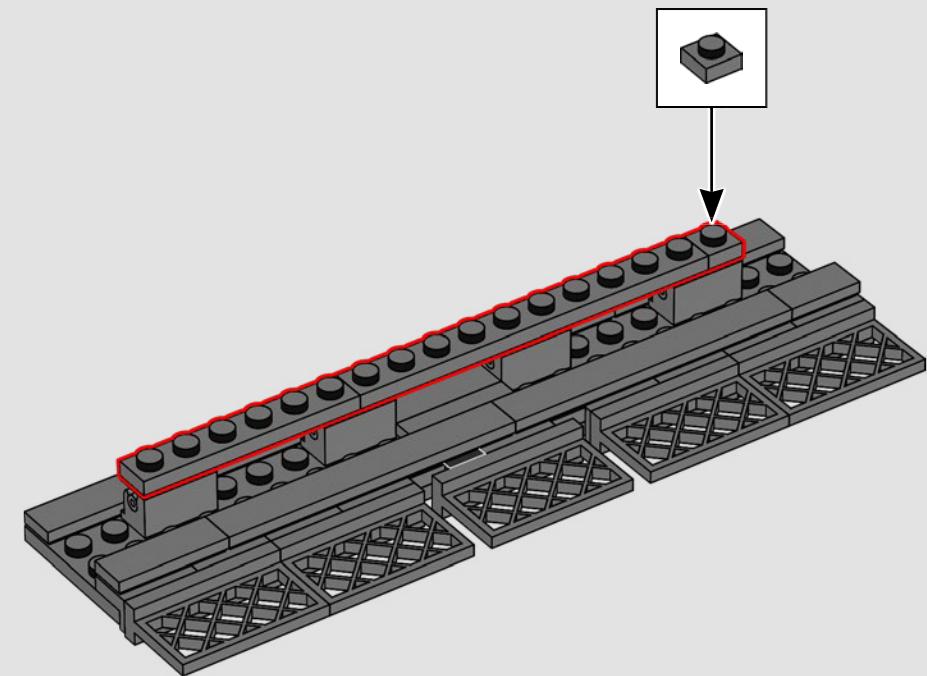
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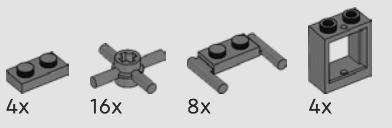
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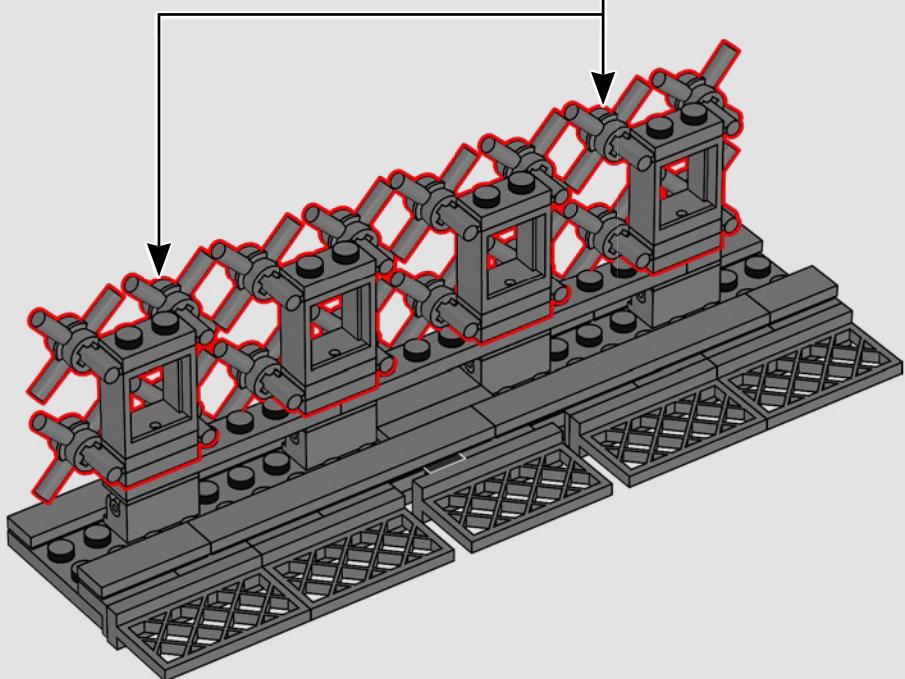
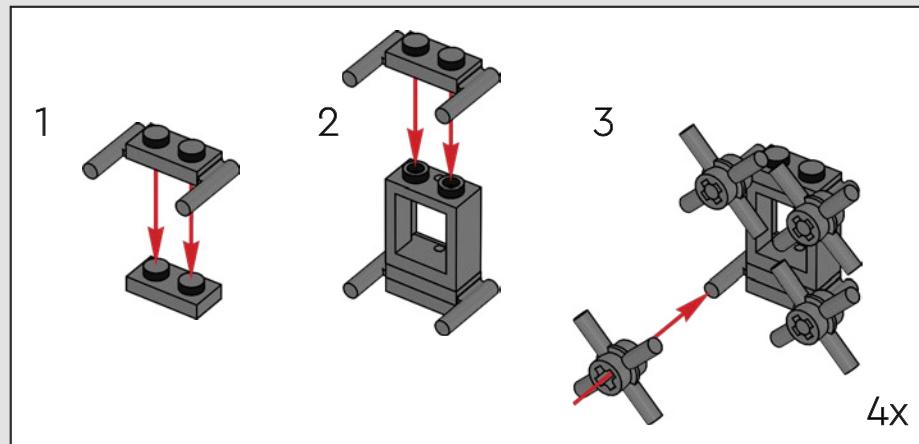
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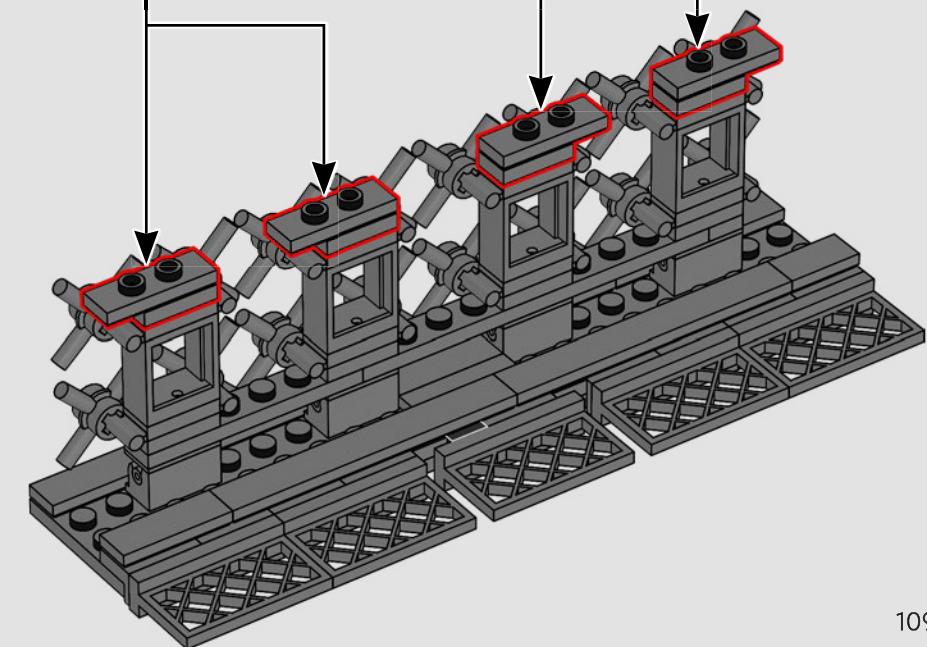
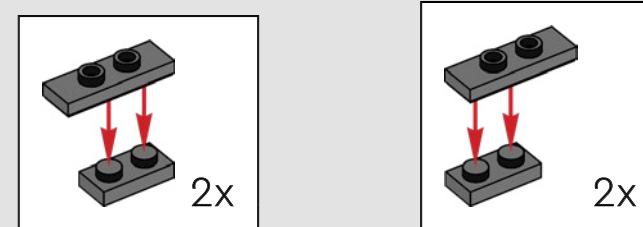


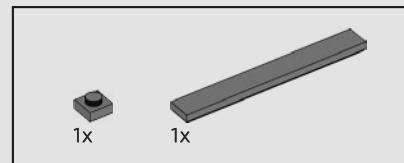
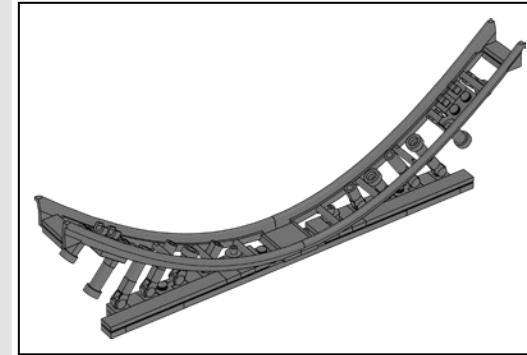
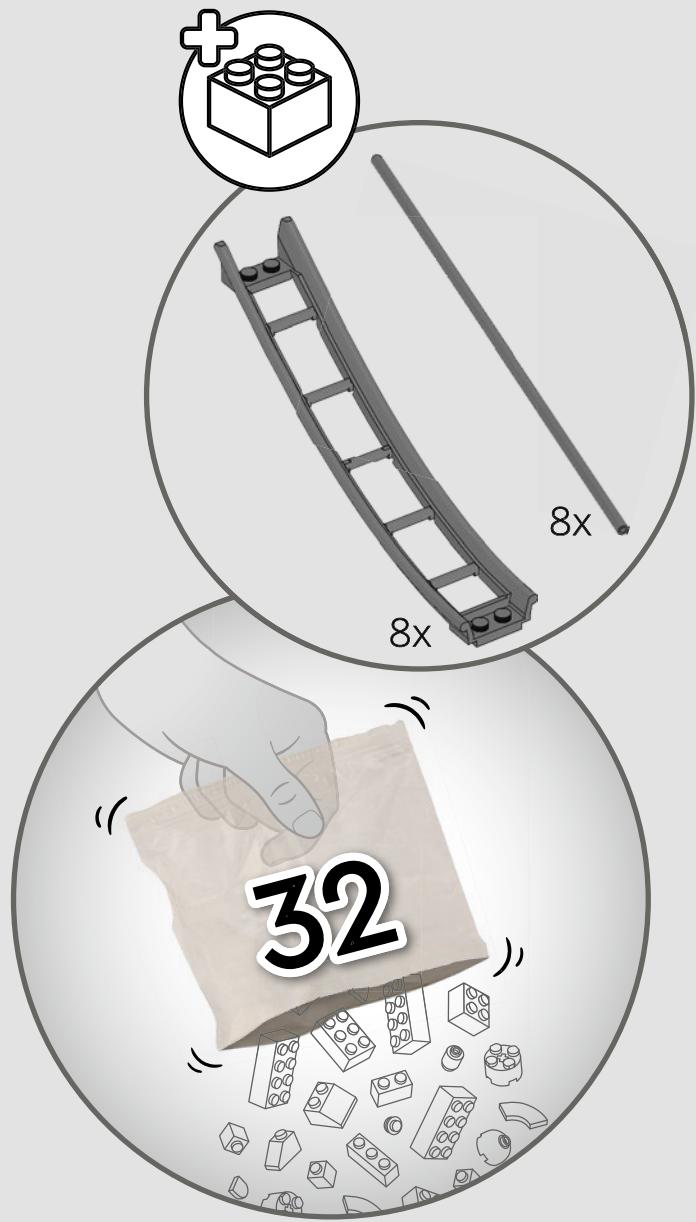


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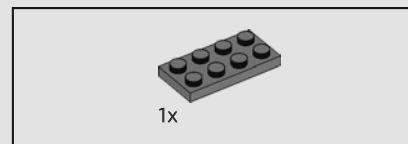
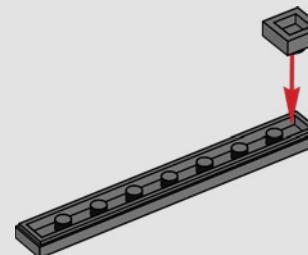


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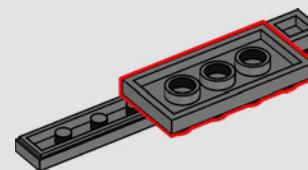


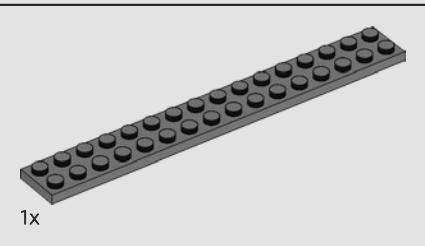


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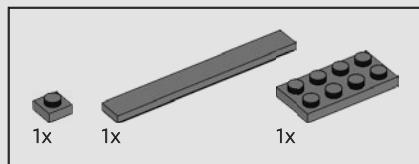
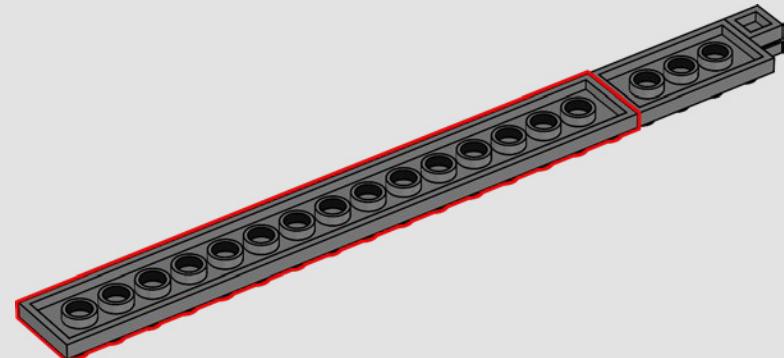


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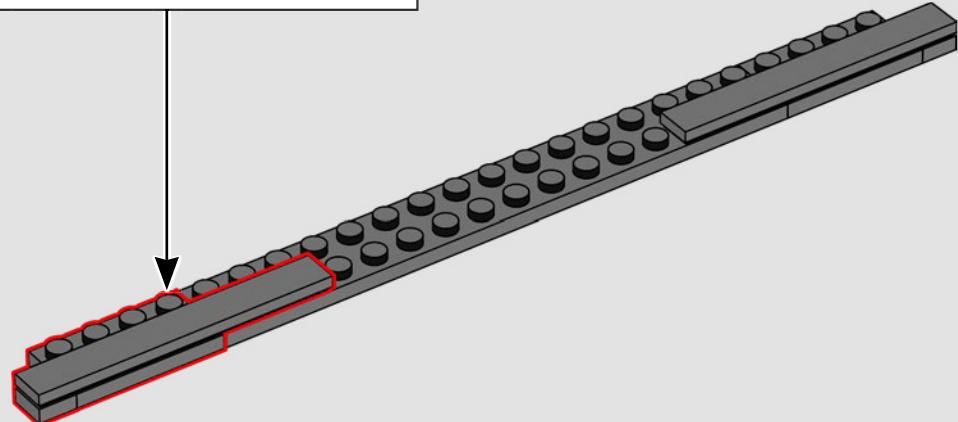
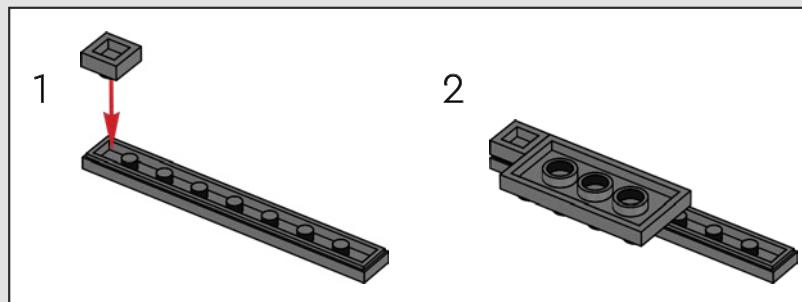




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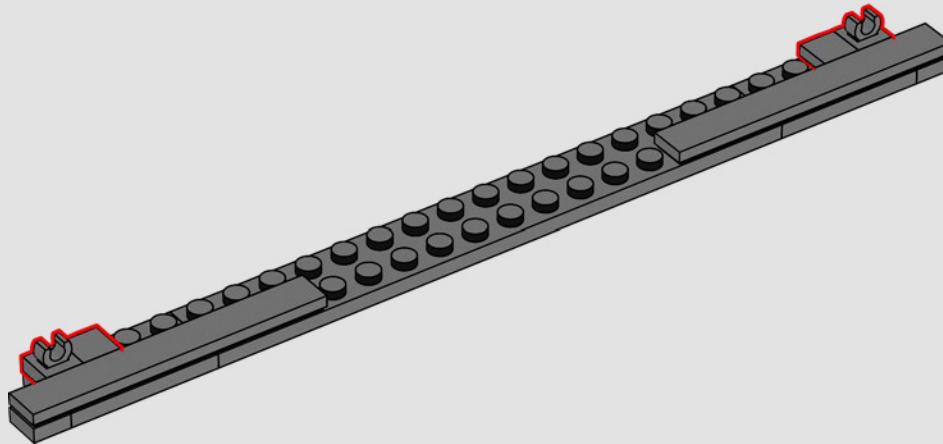


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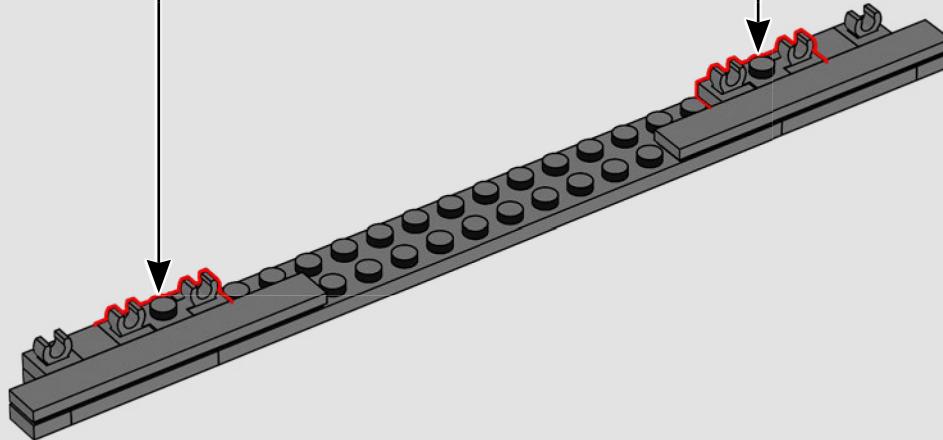
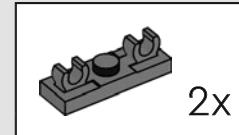




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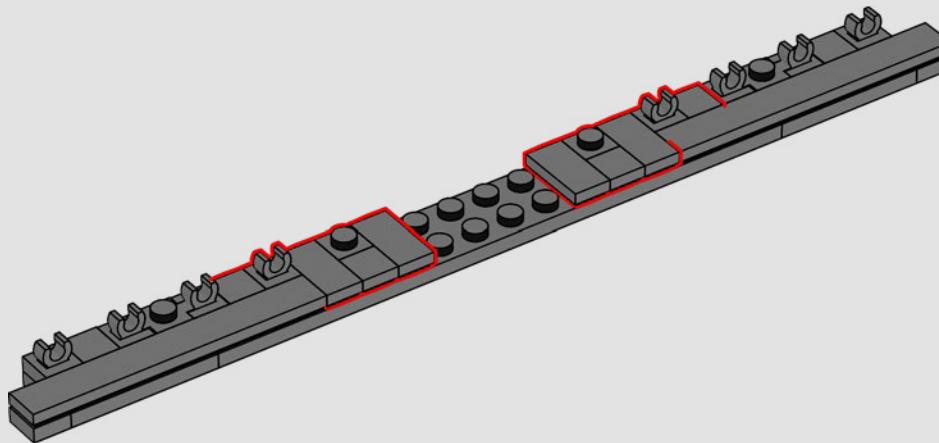


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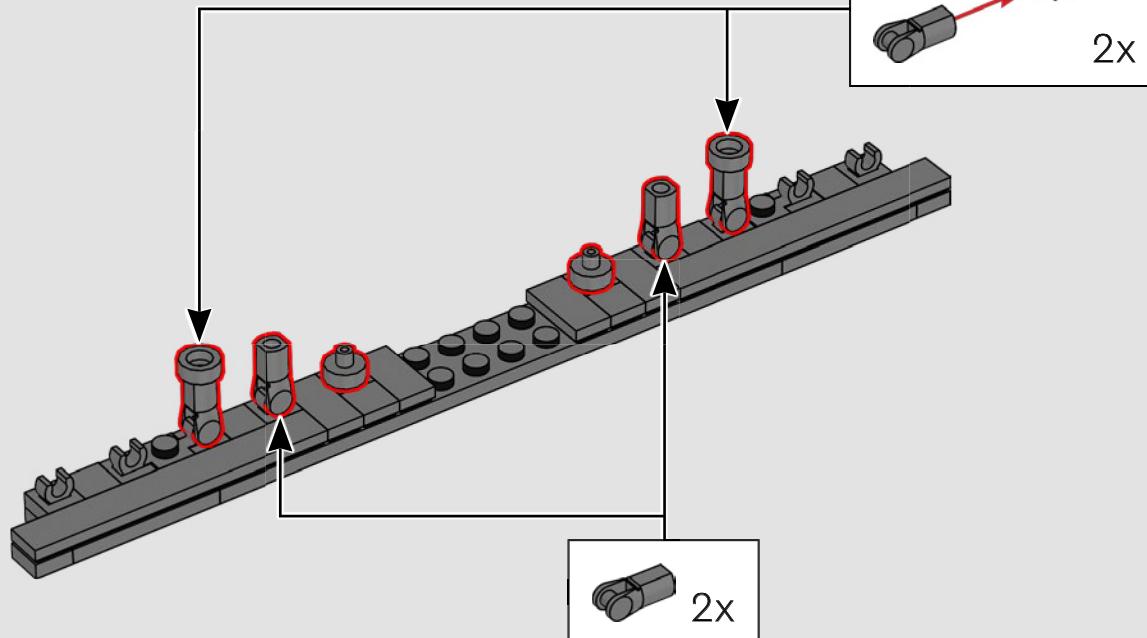




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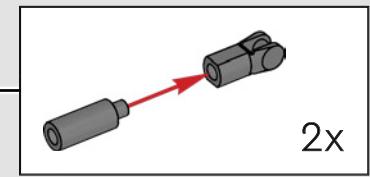
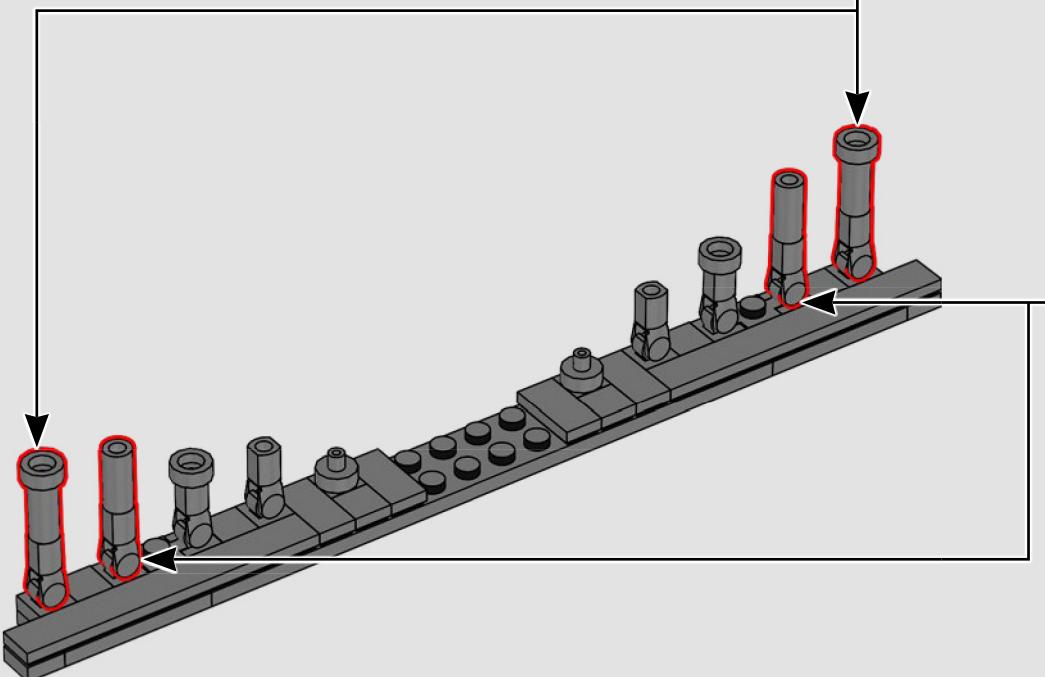
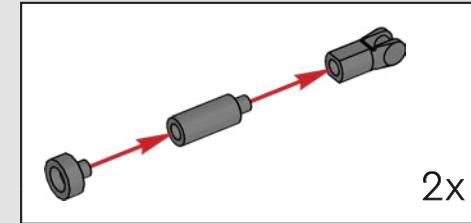


250

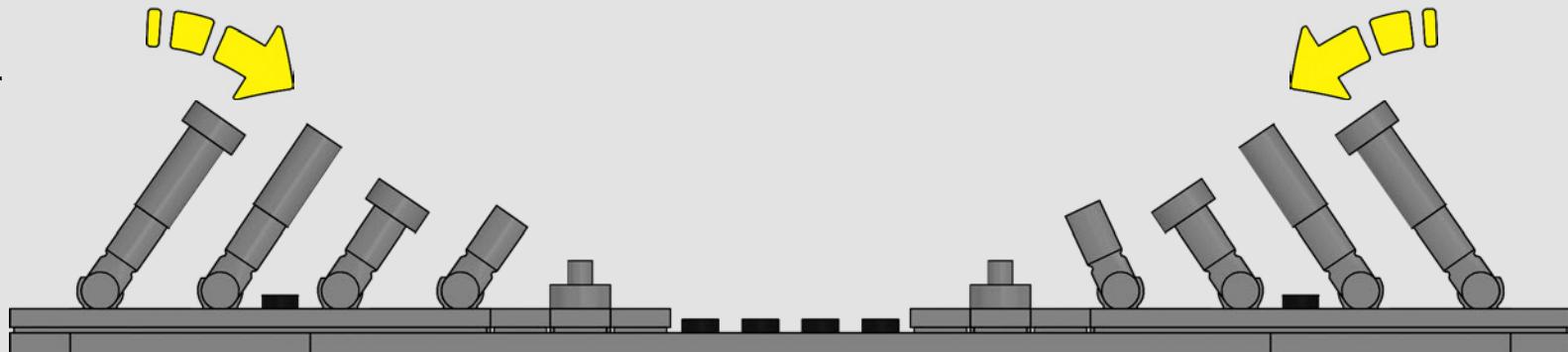




251



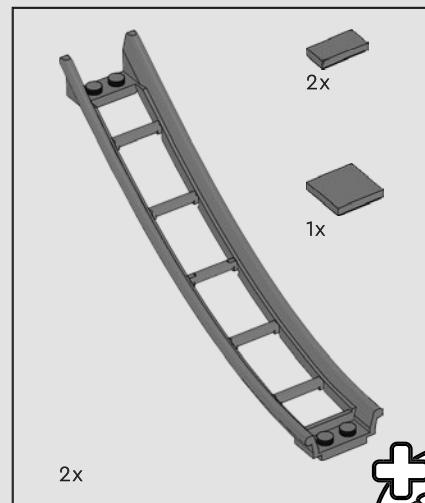
252



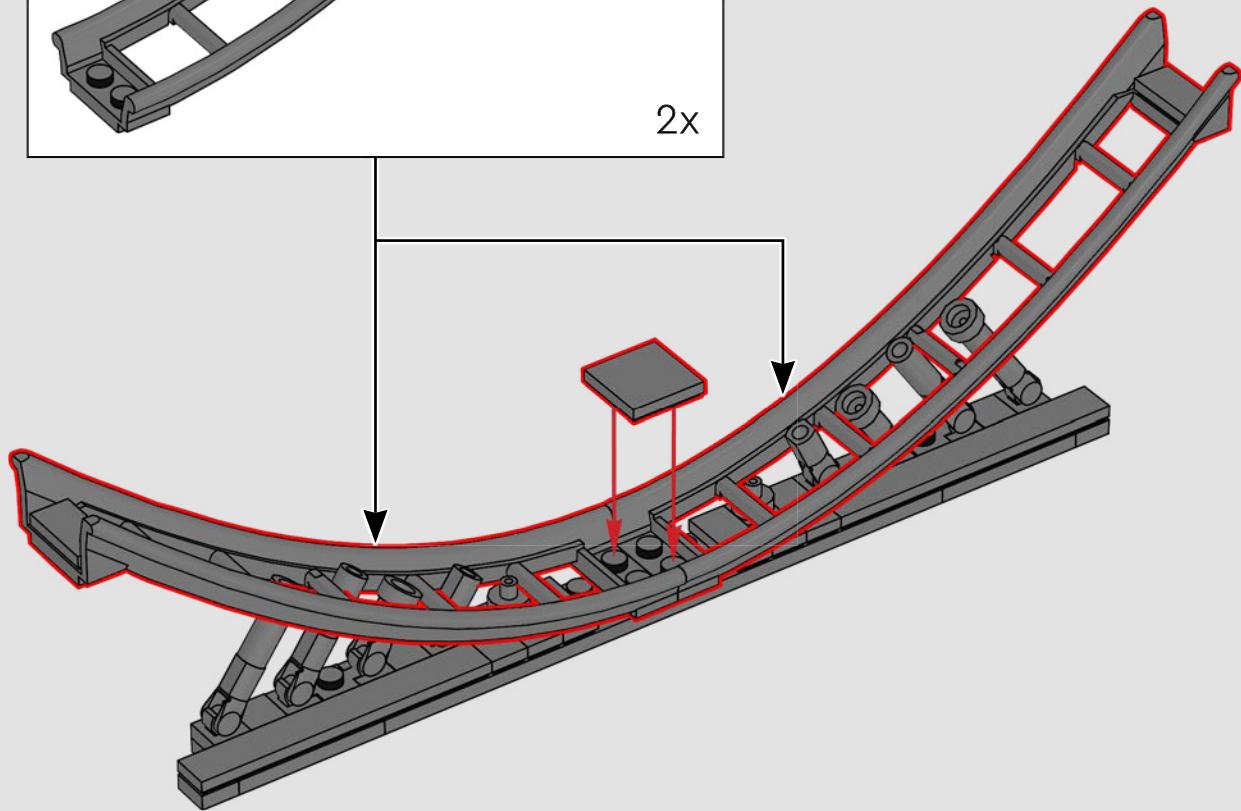
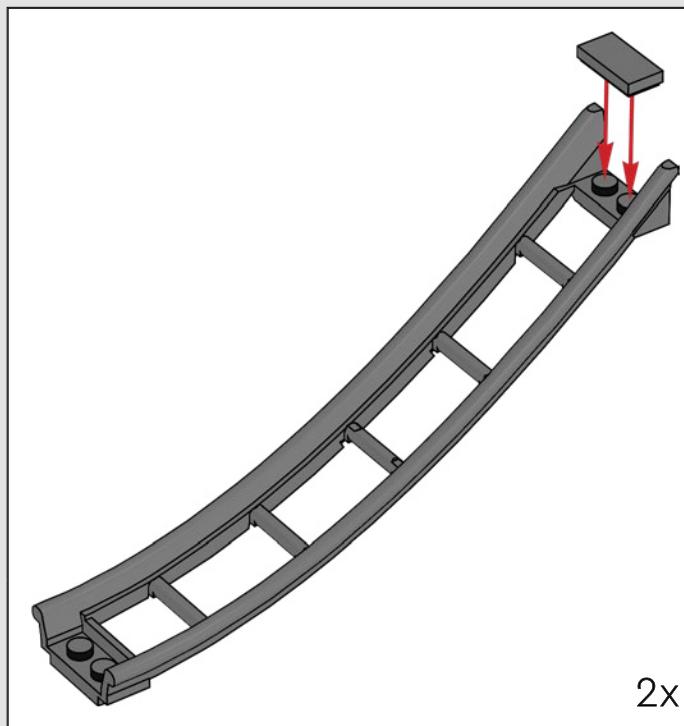
1:1

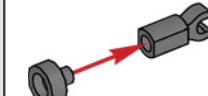


The arches in between the tower's legs are recreated using LEGO® rollercoaster tracks, and the curves are completed using LEGO outer cables.

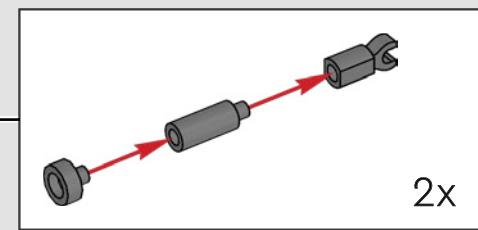
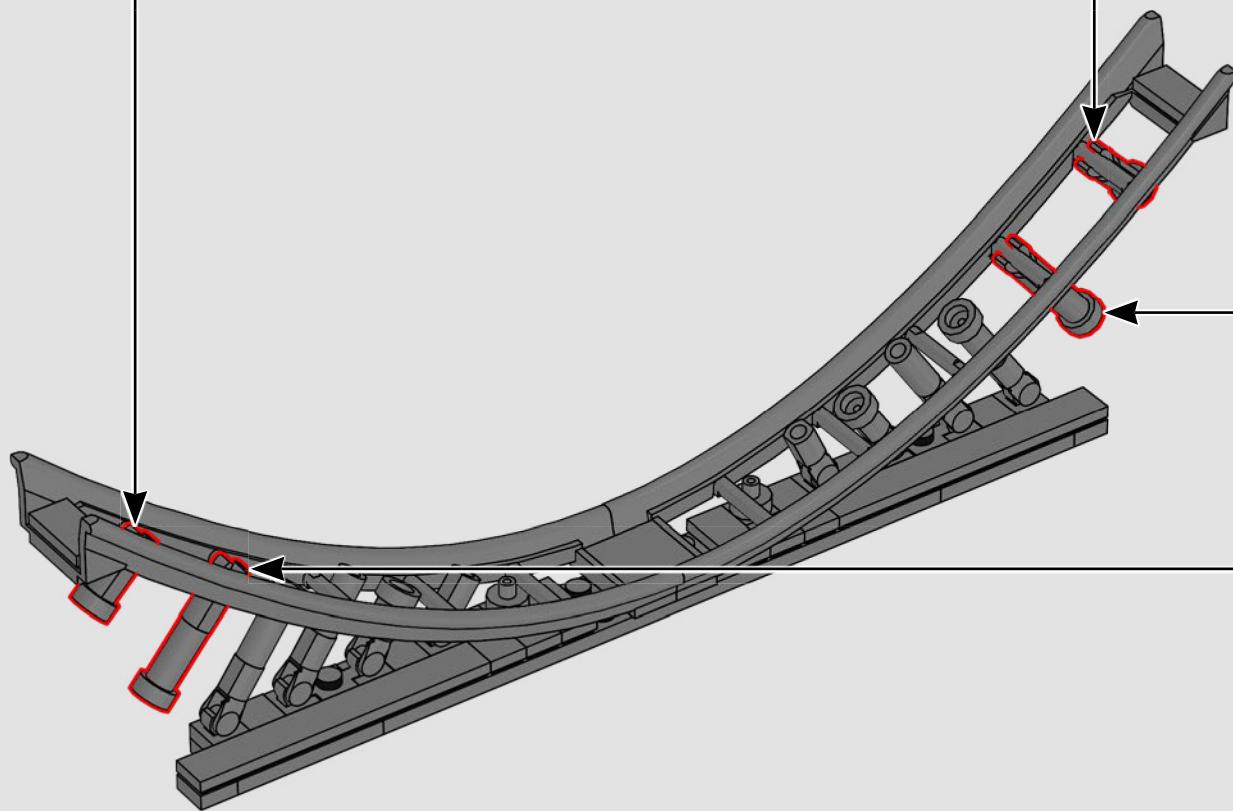


253





254

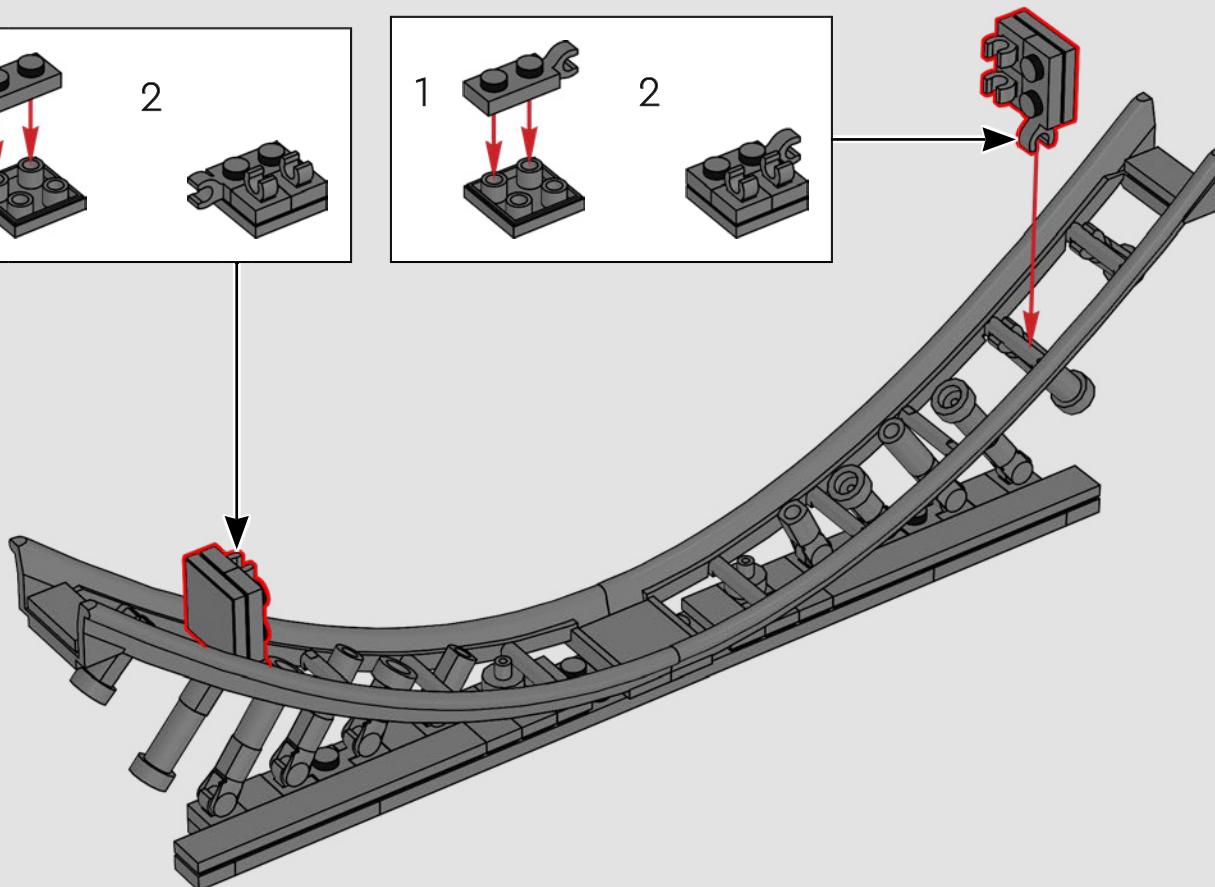
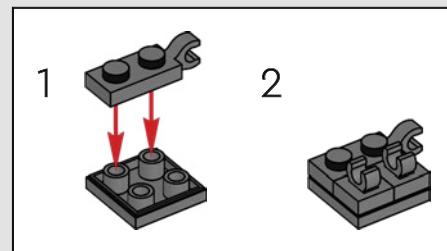
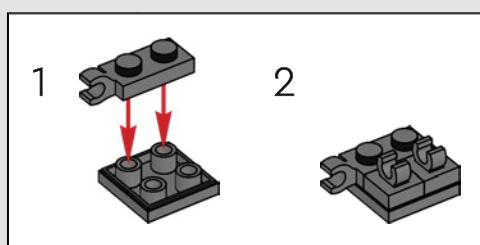




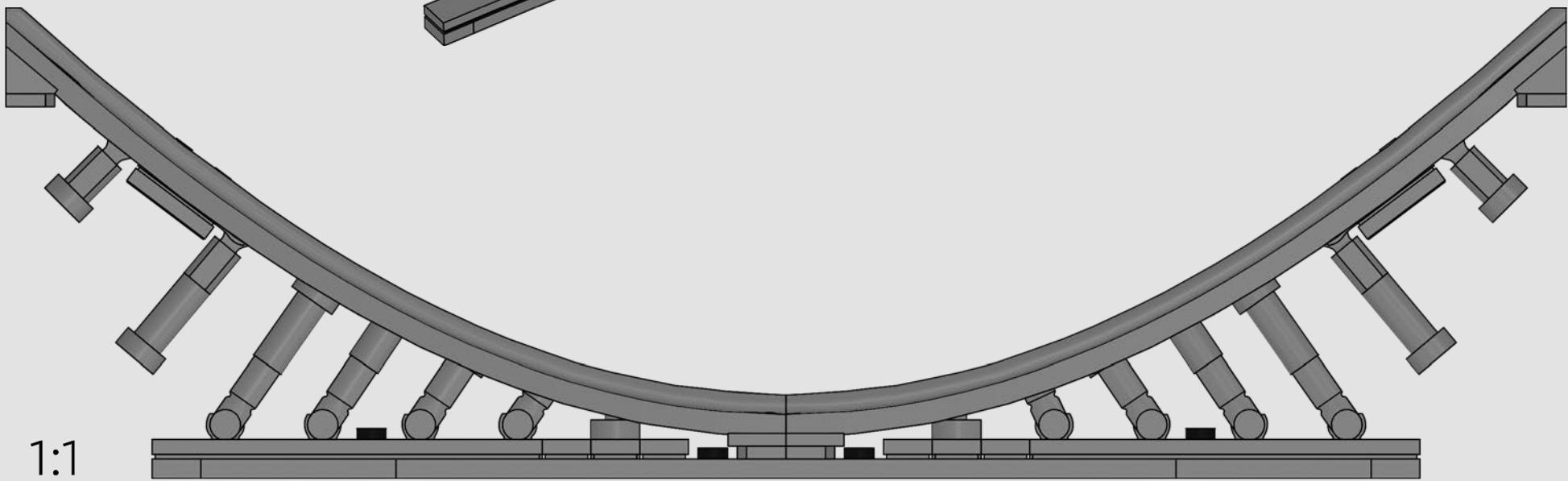
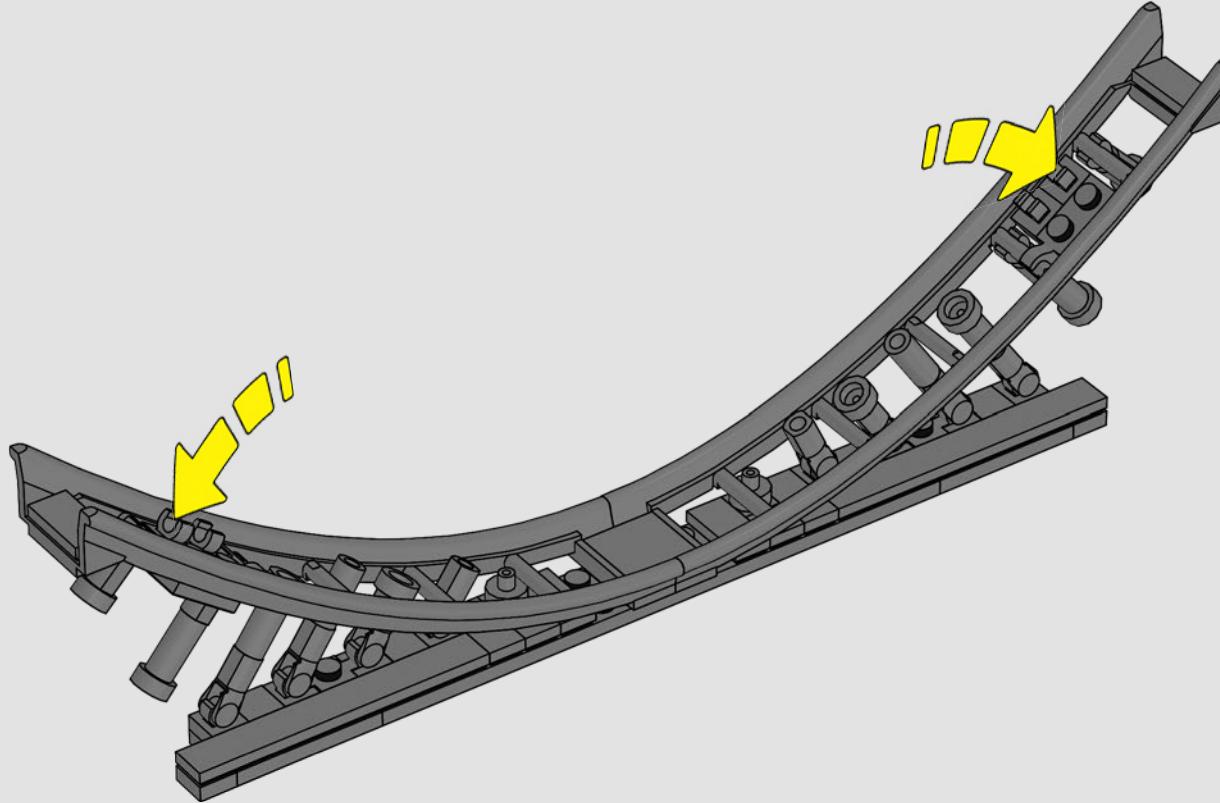
2x

4x

255

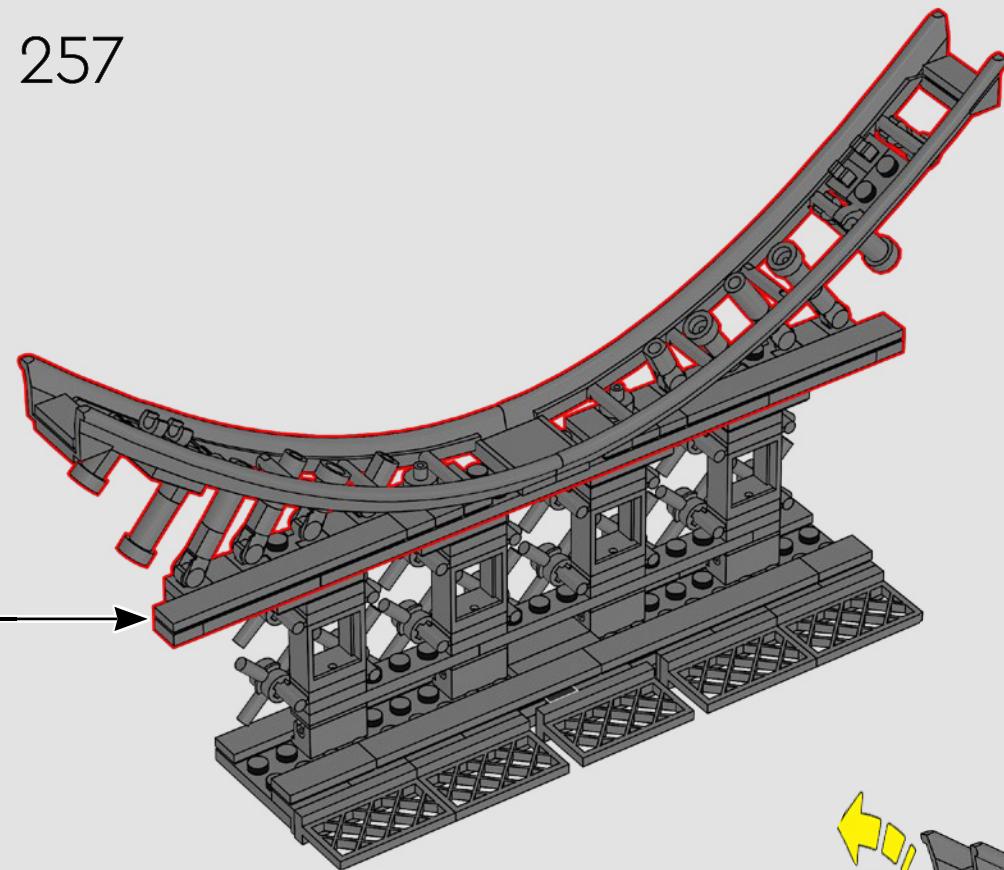


256

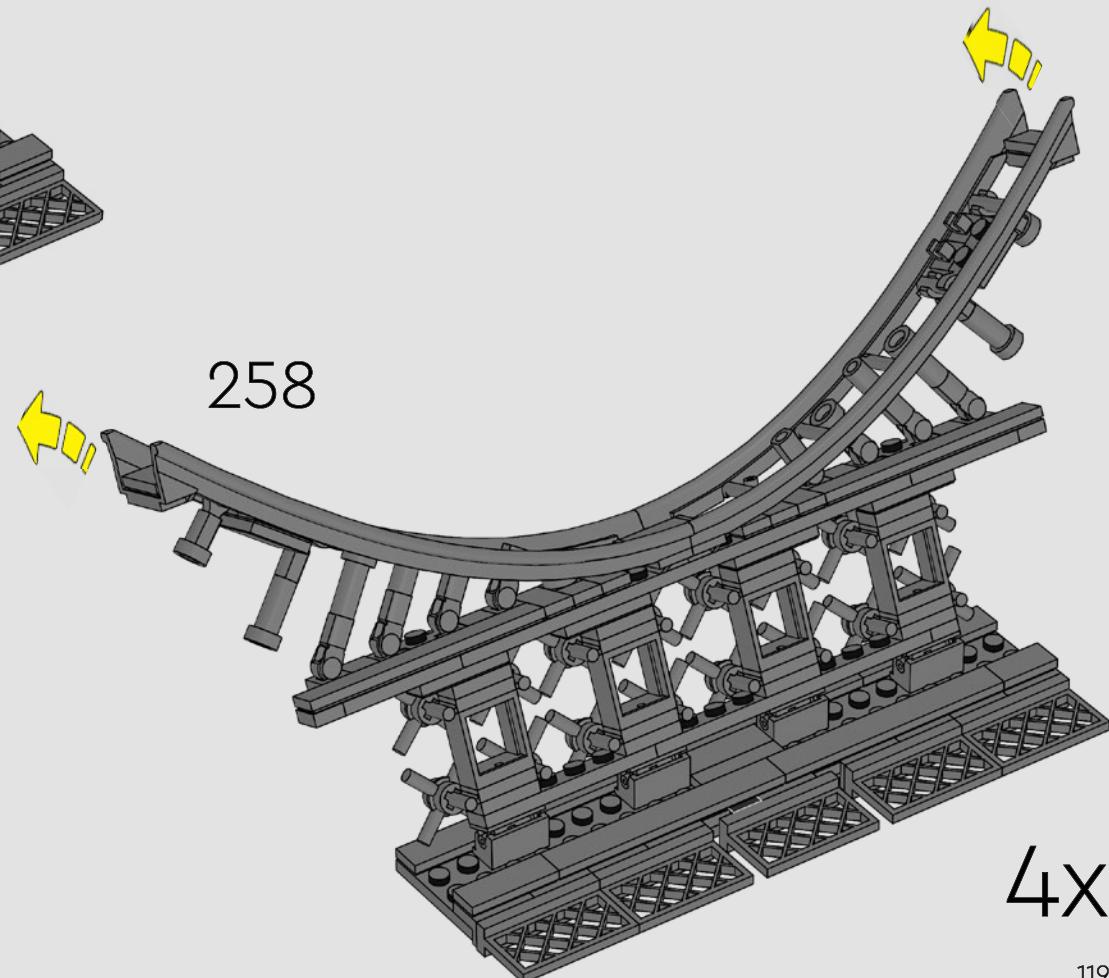


1:1

257



258

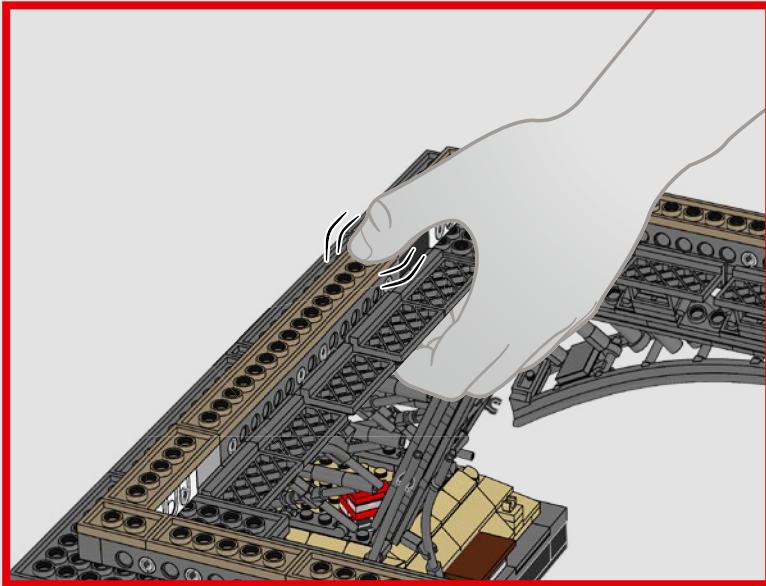


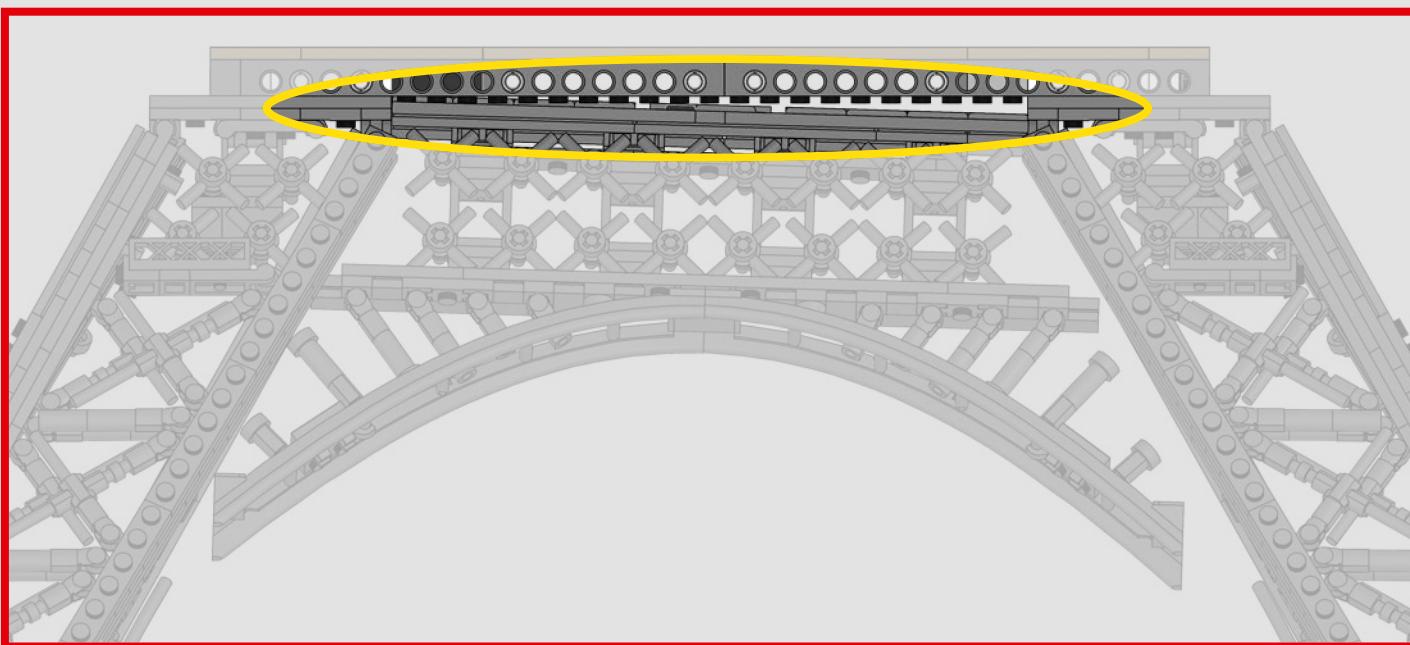
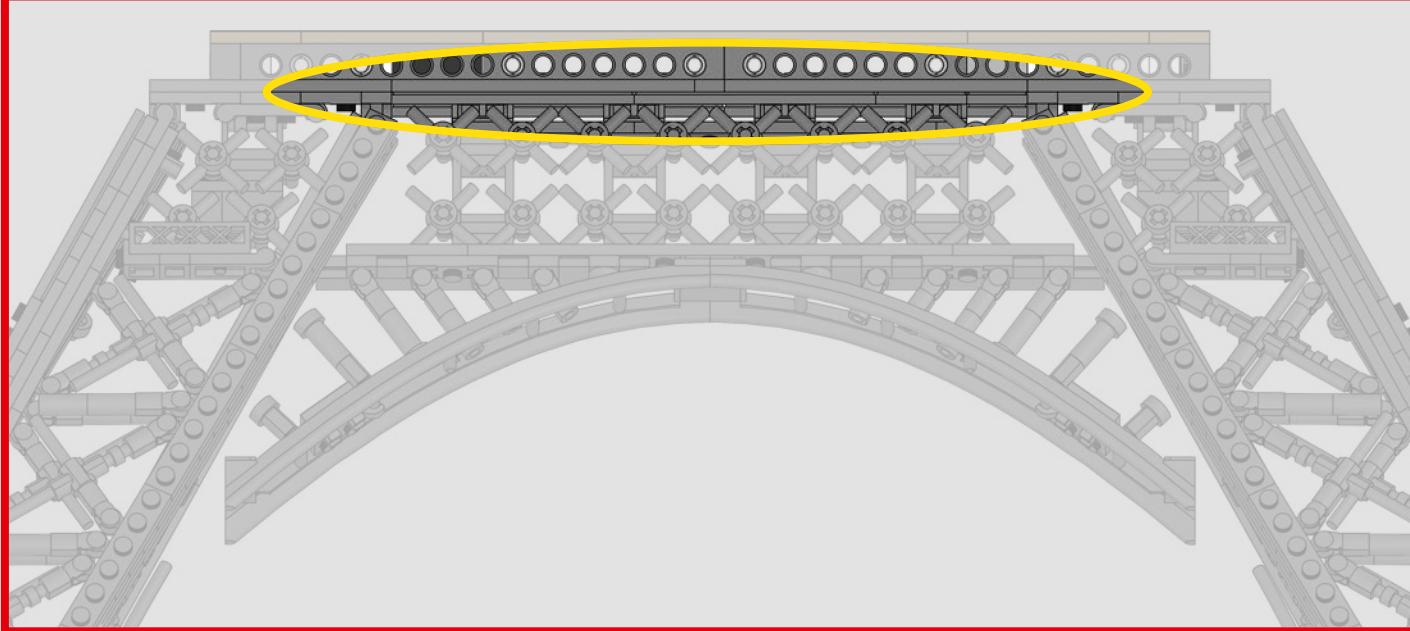
4x

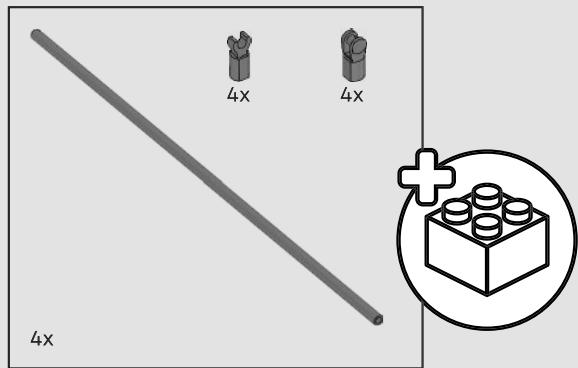
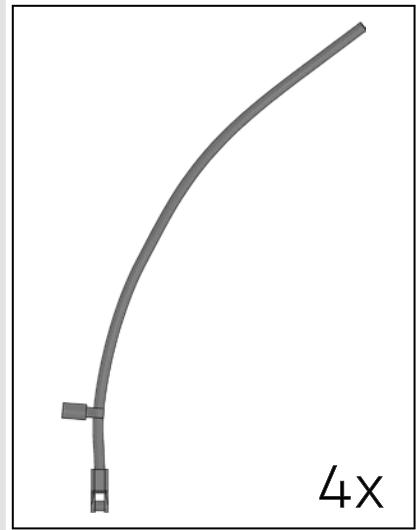


The arches between the legs on the Eiffel tower are not load bearing, they are purely decorative - this is also true of the LEGO® model, where the arches are also for decorative purposes only.

259







260

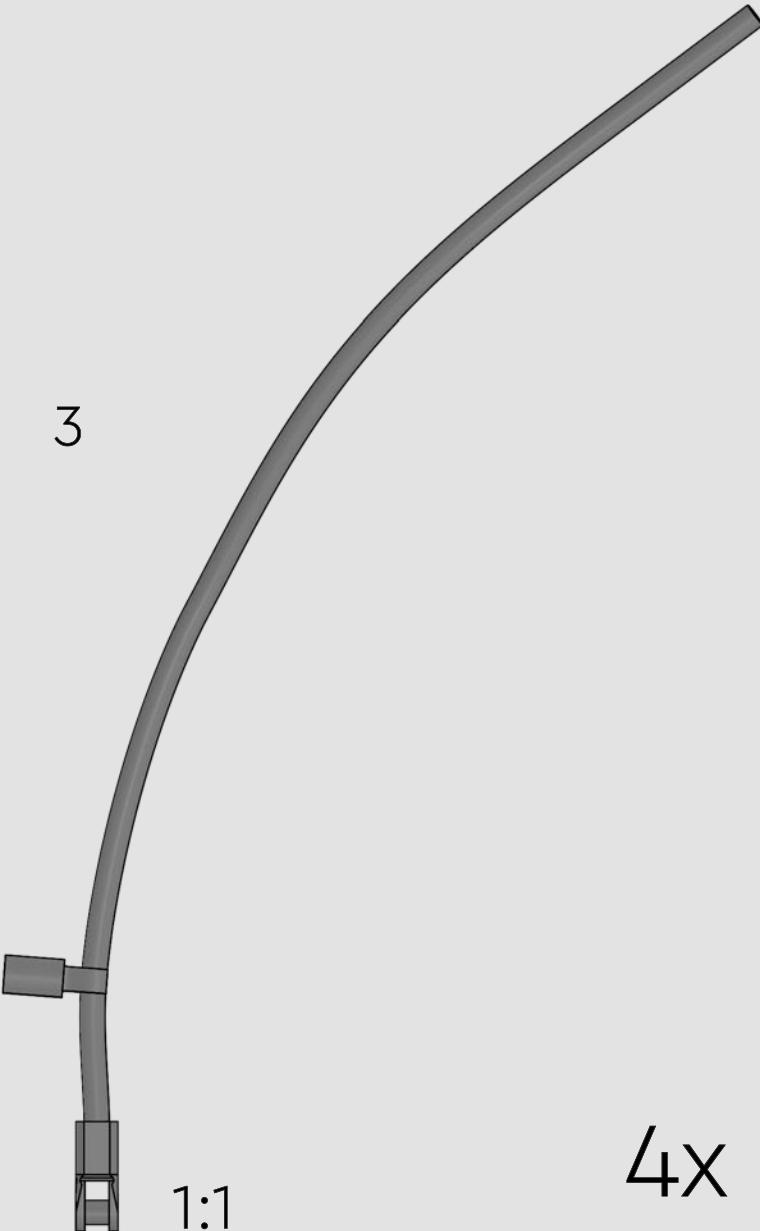
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2

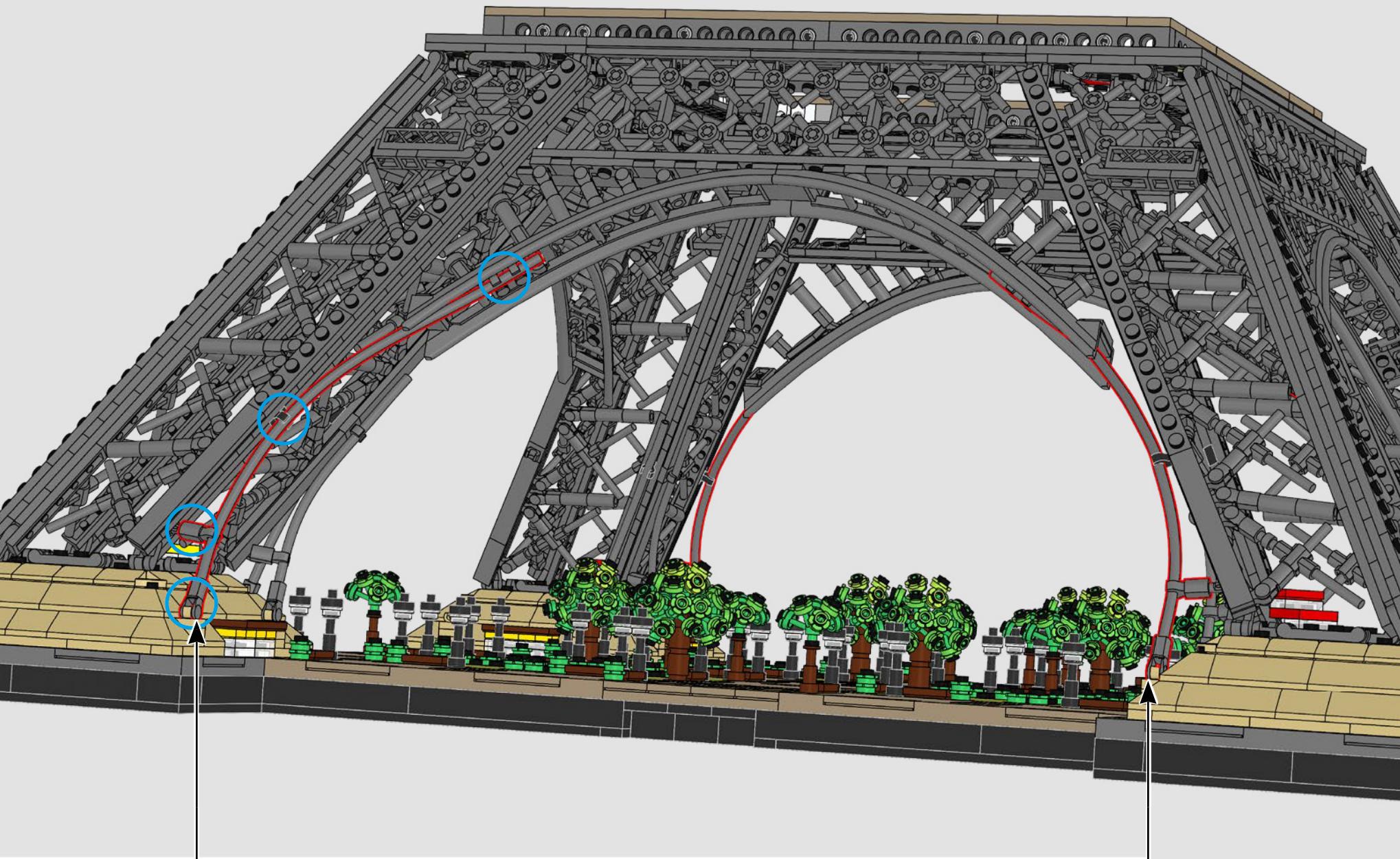


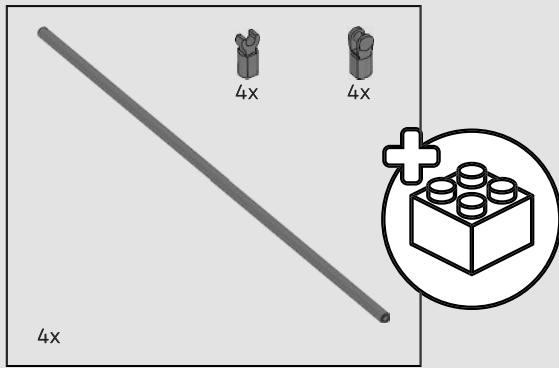
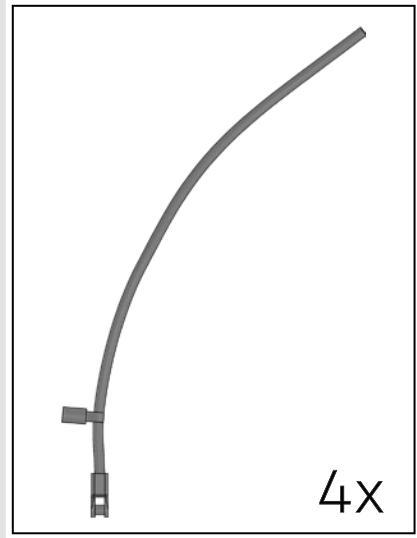
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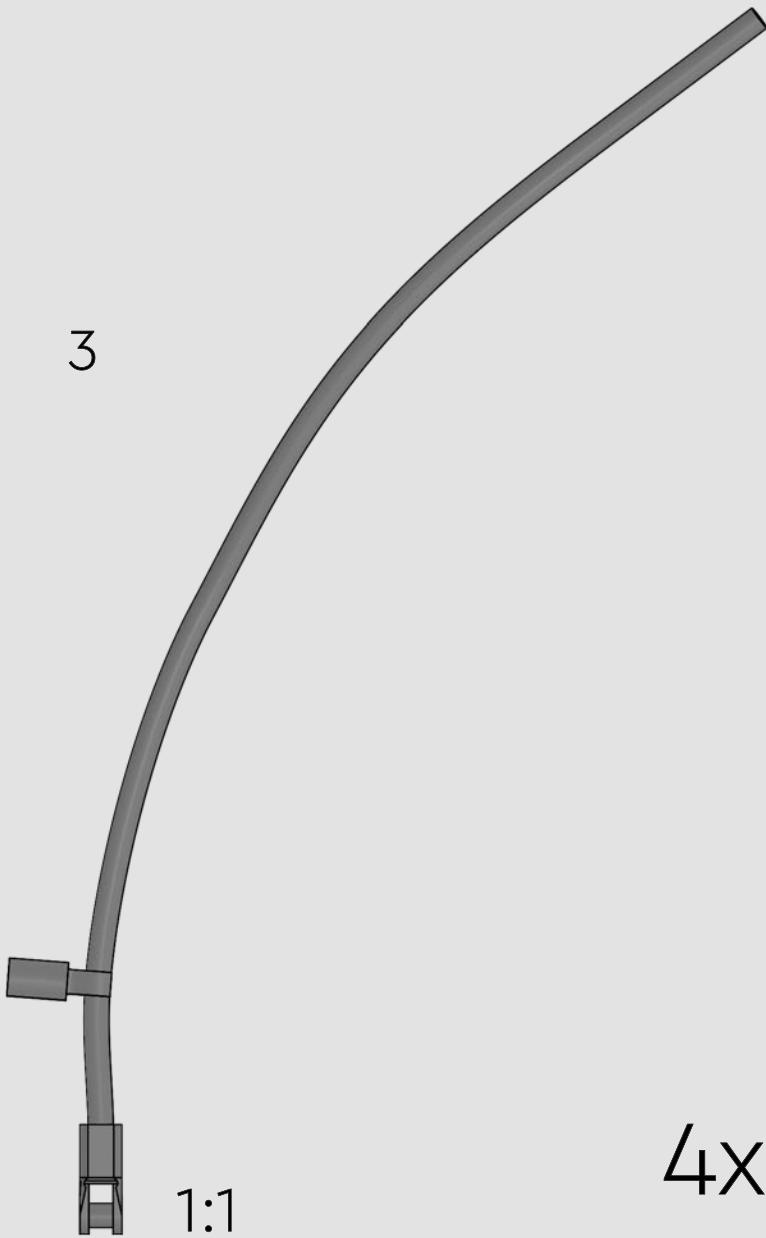
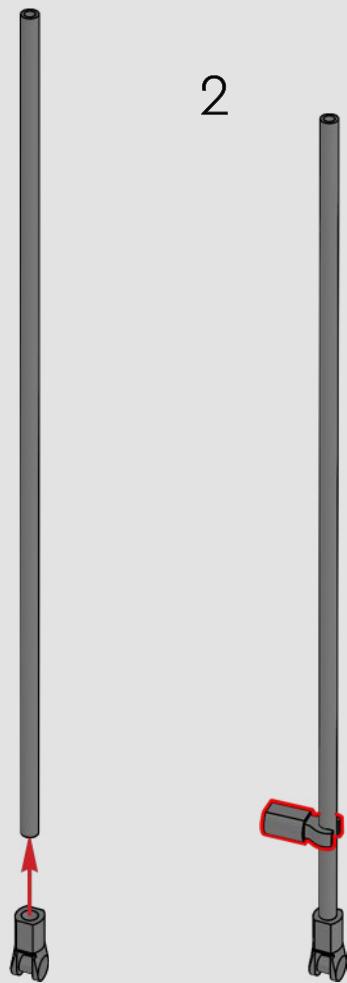
1:1

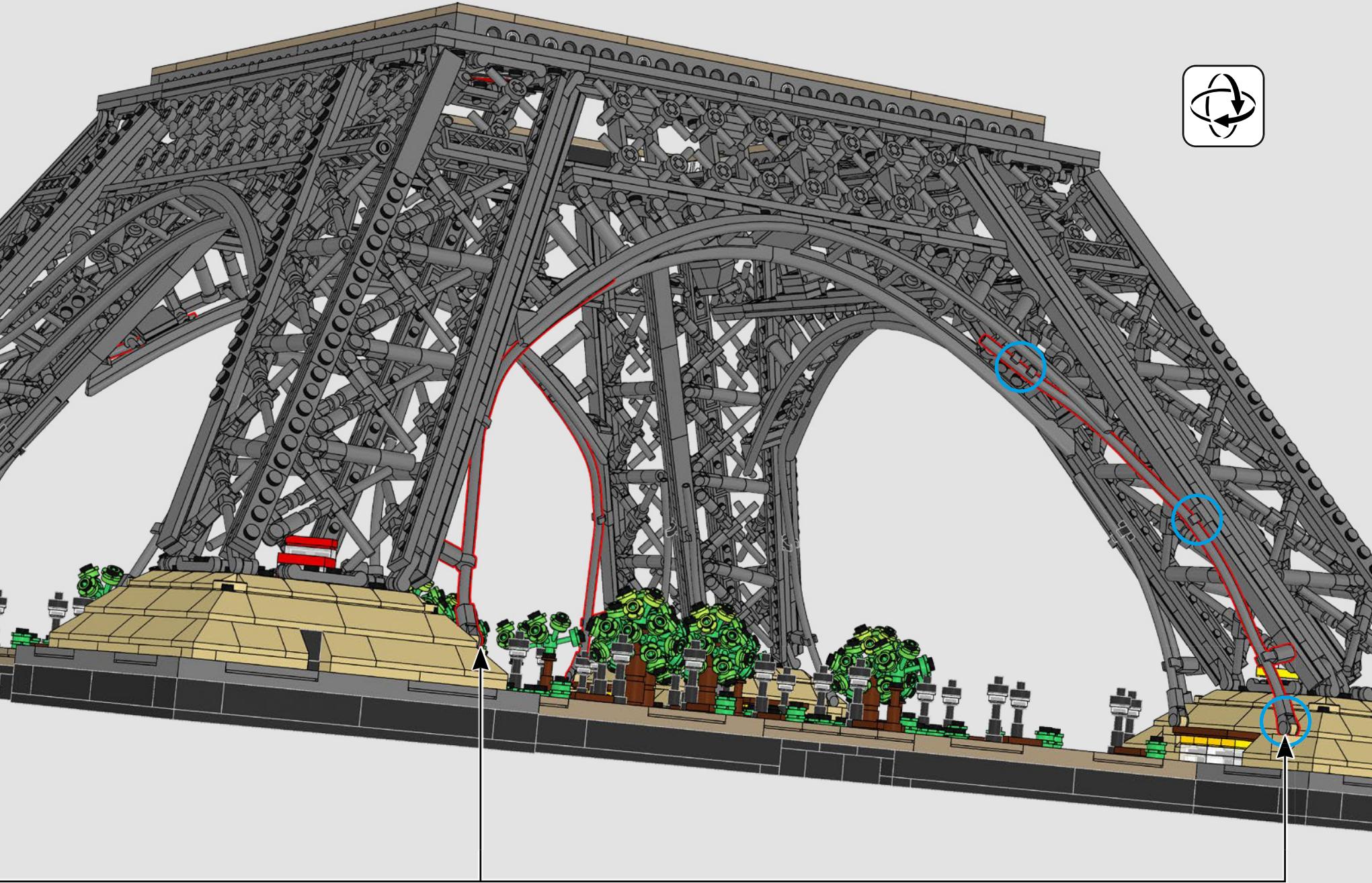
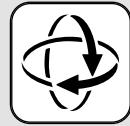
4x

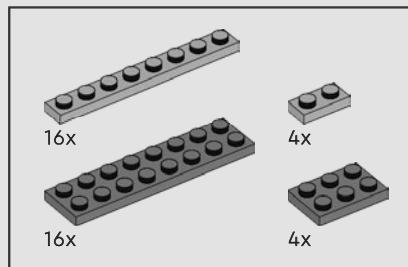
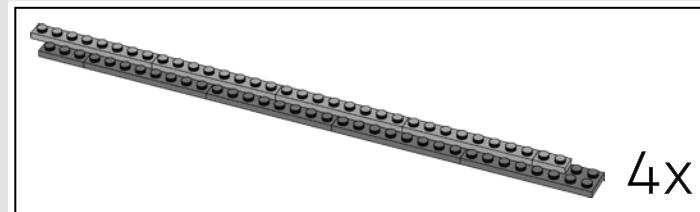
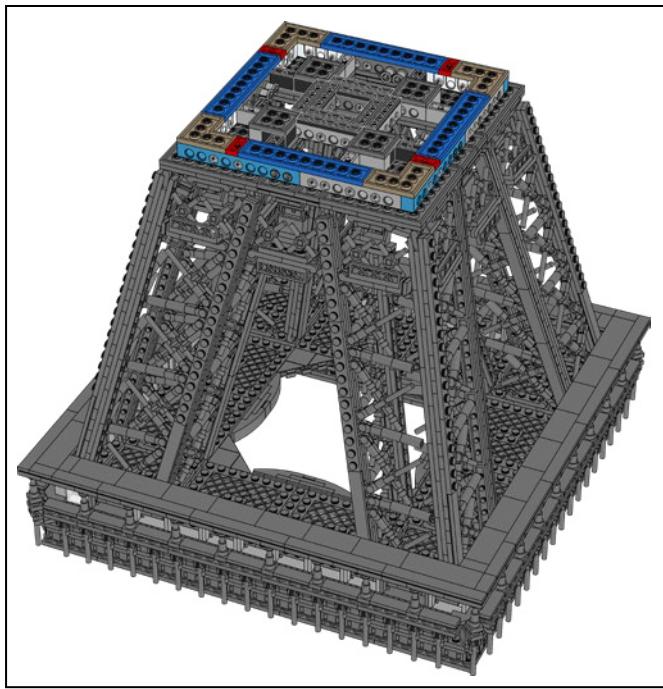




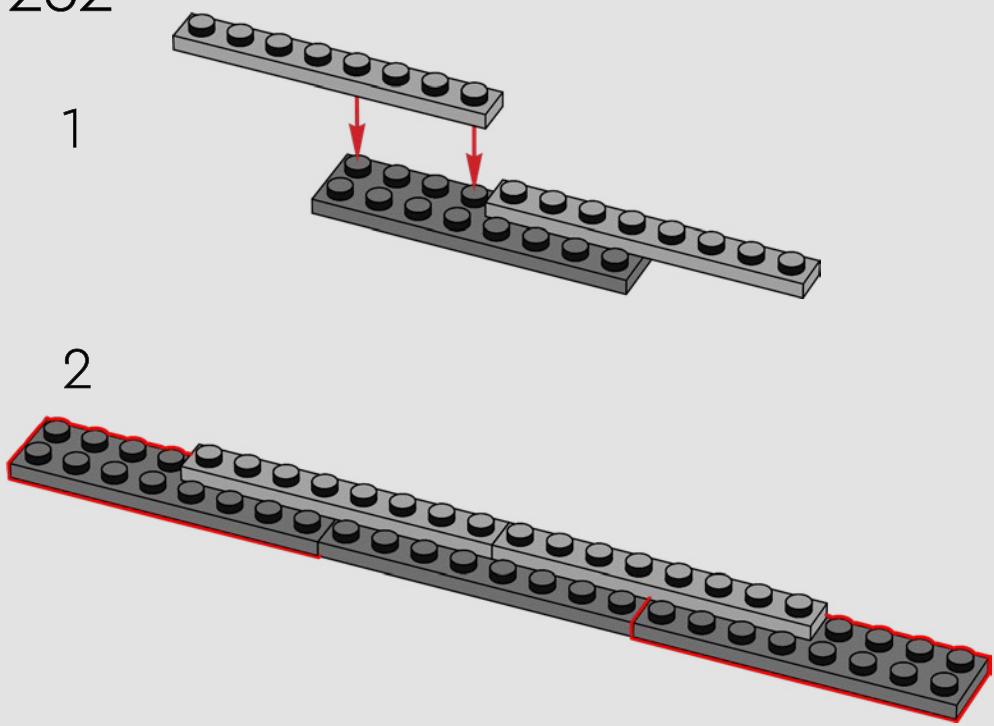
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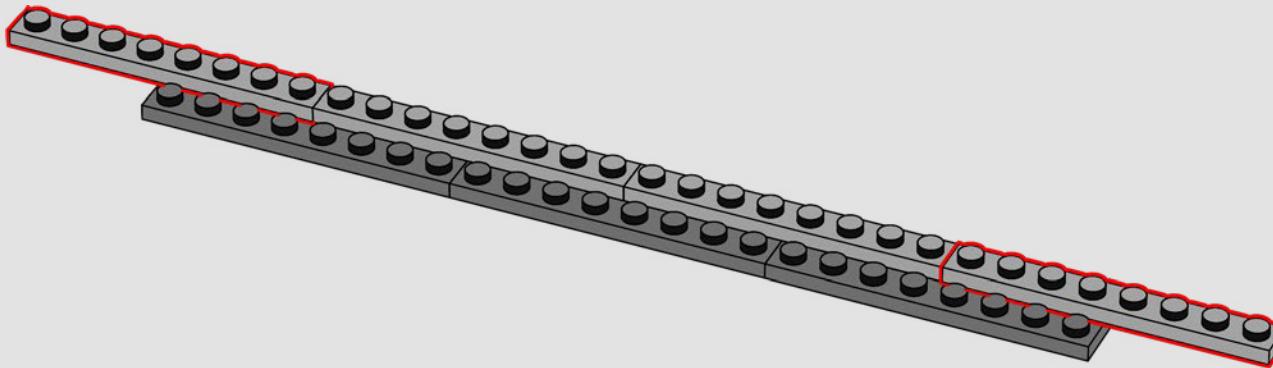




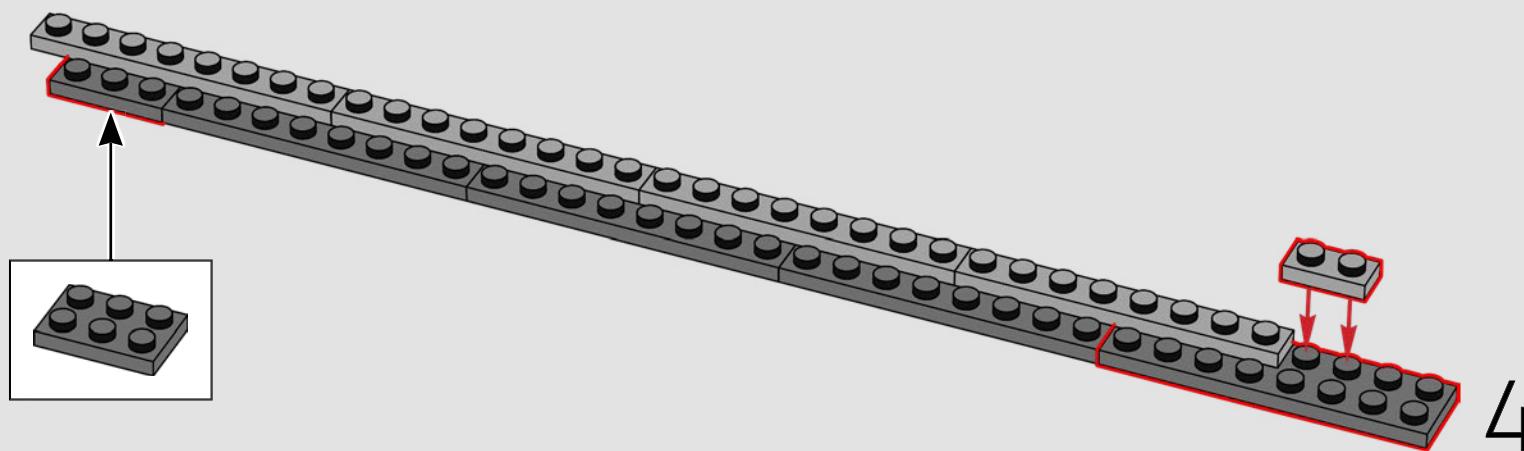
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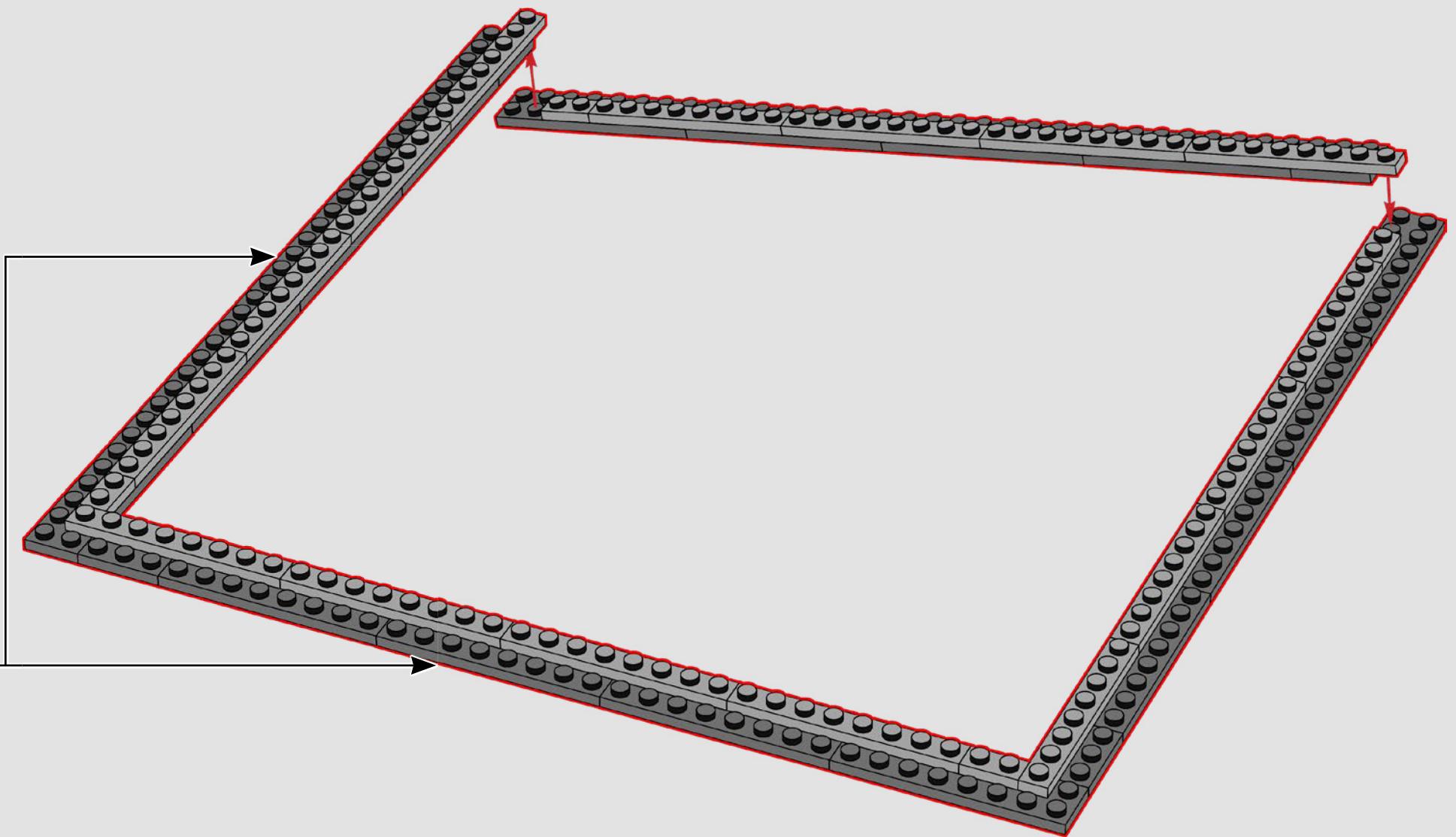


3



4

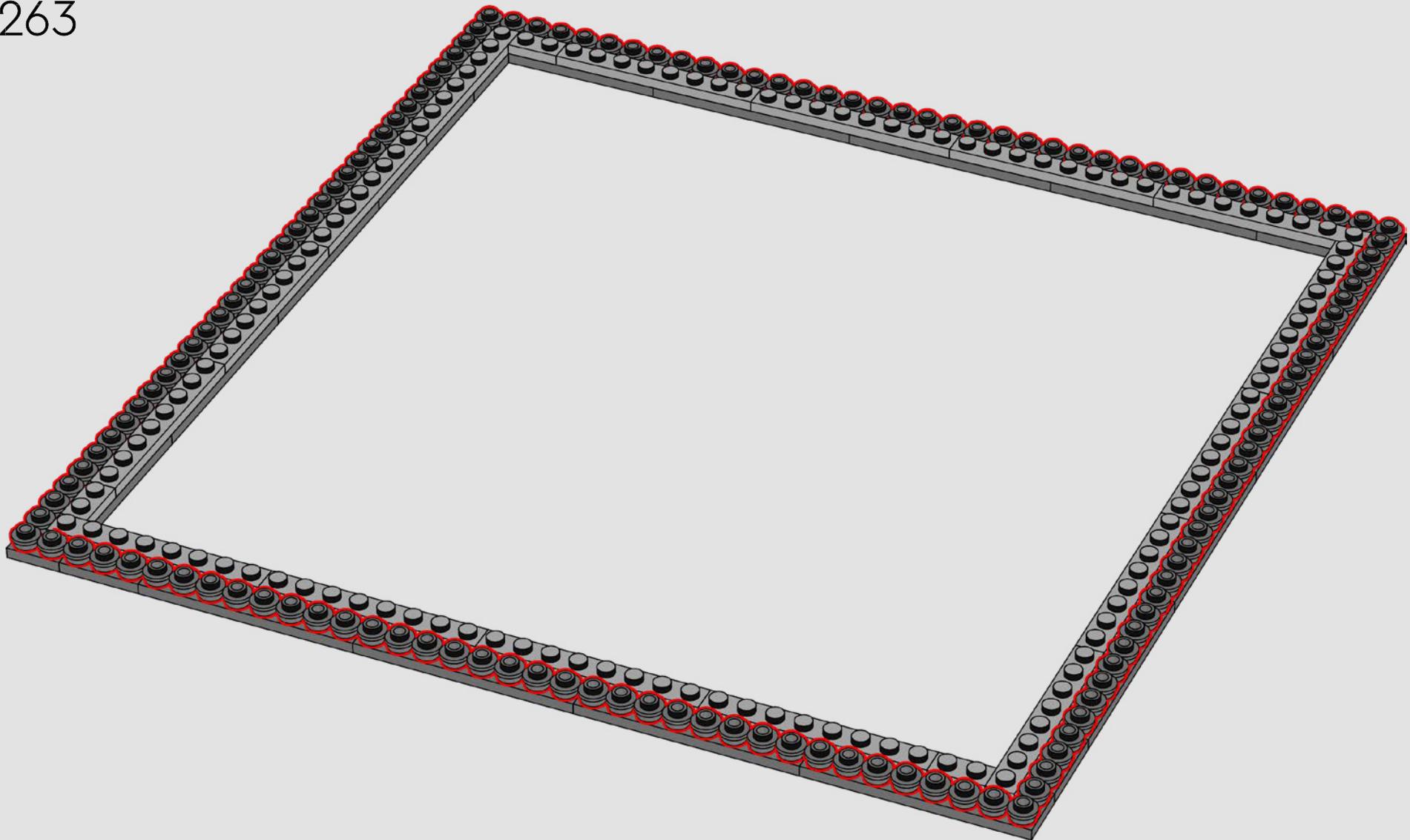






144x

263

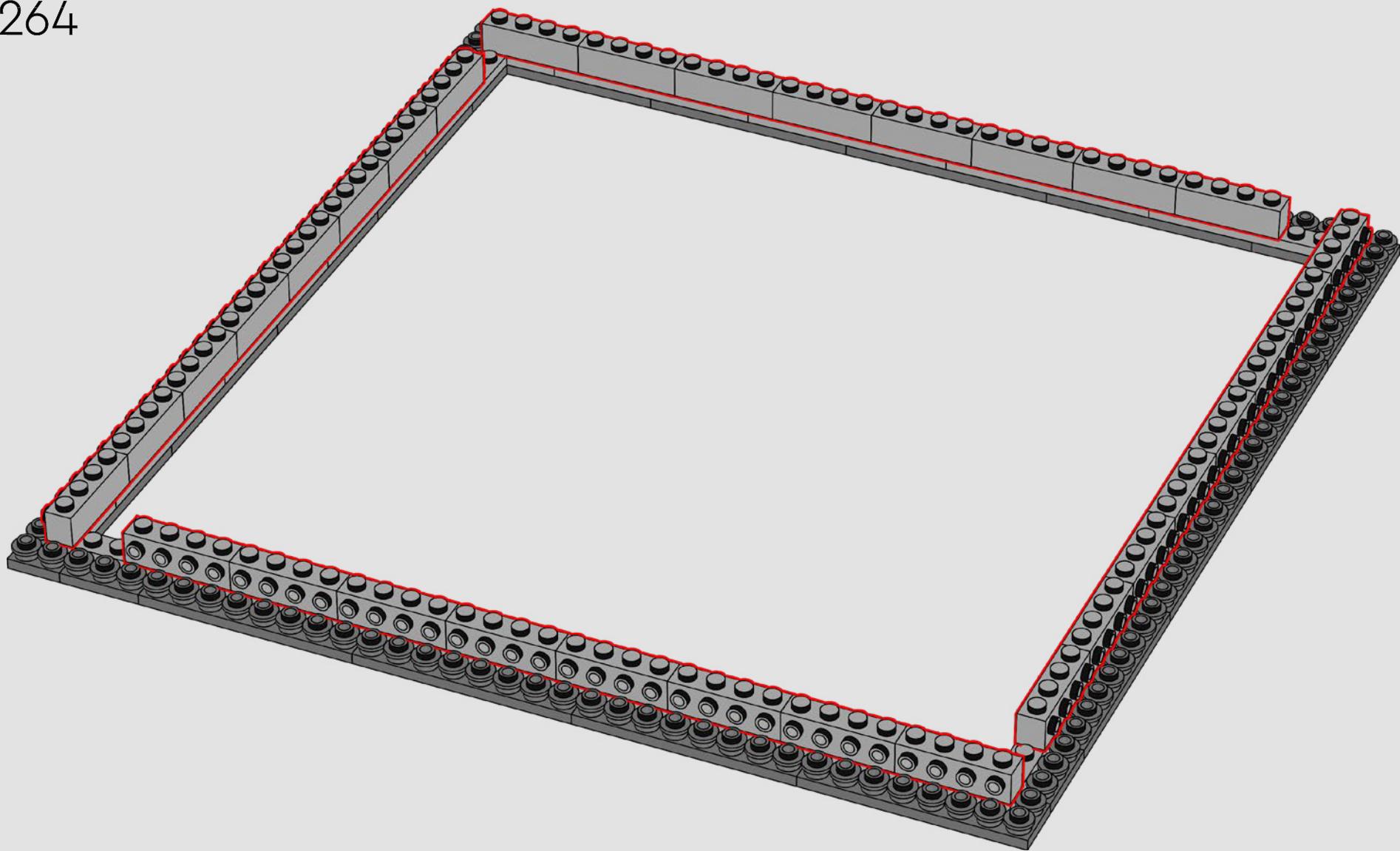






32x

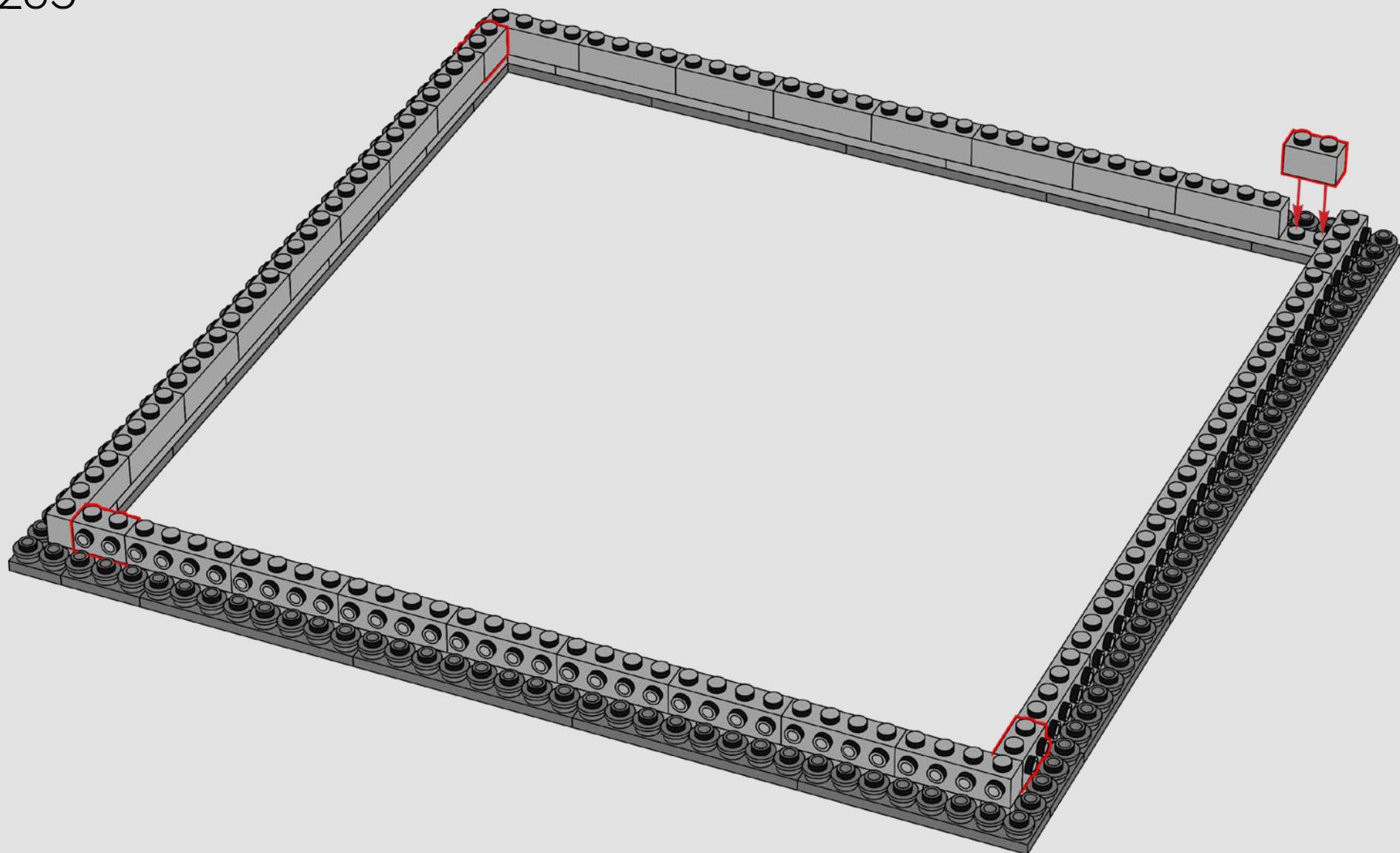
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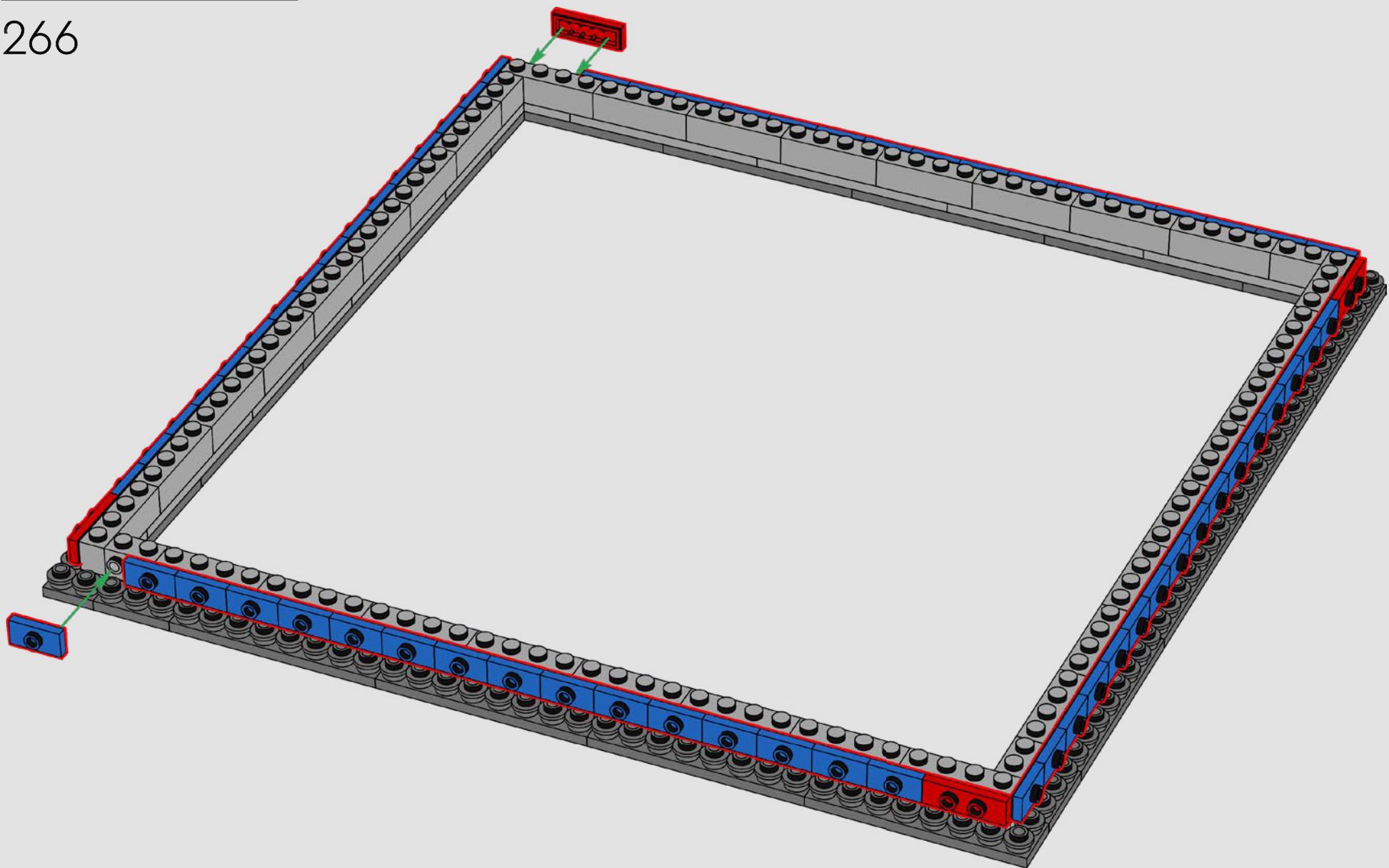
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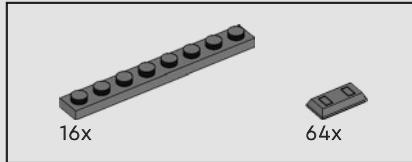
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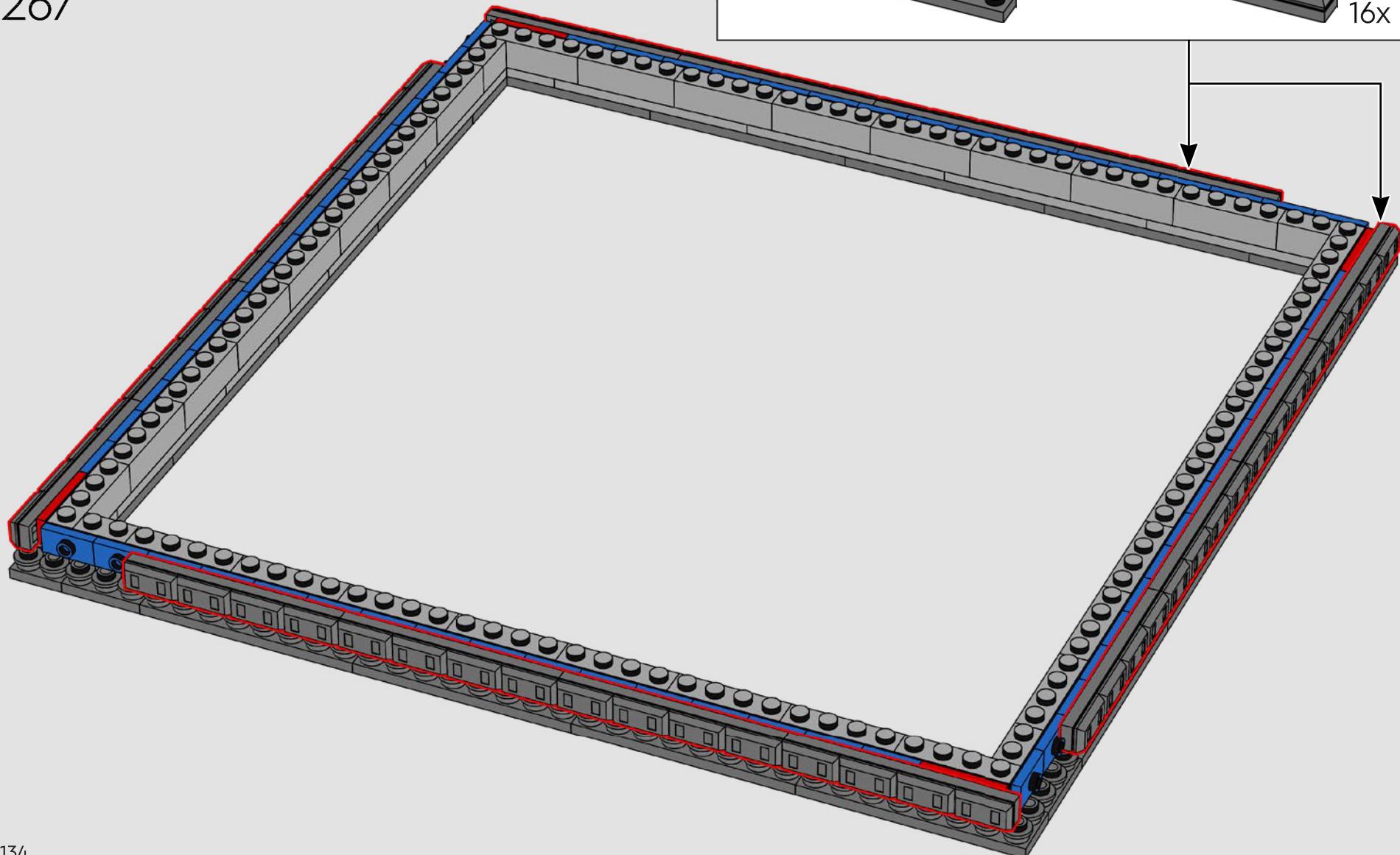
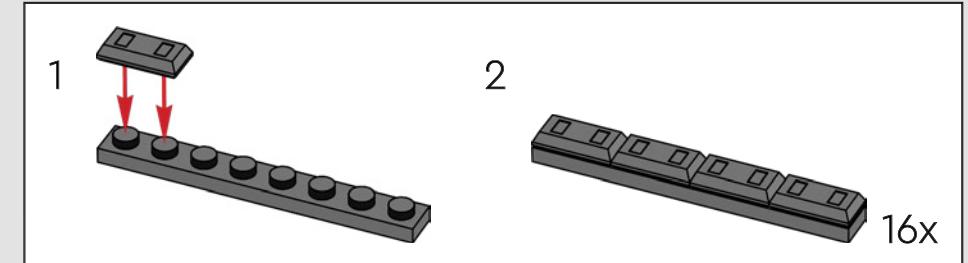


266





267

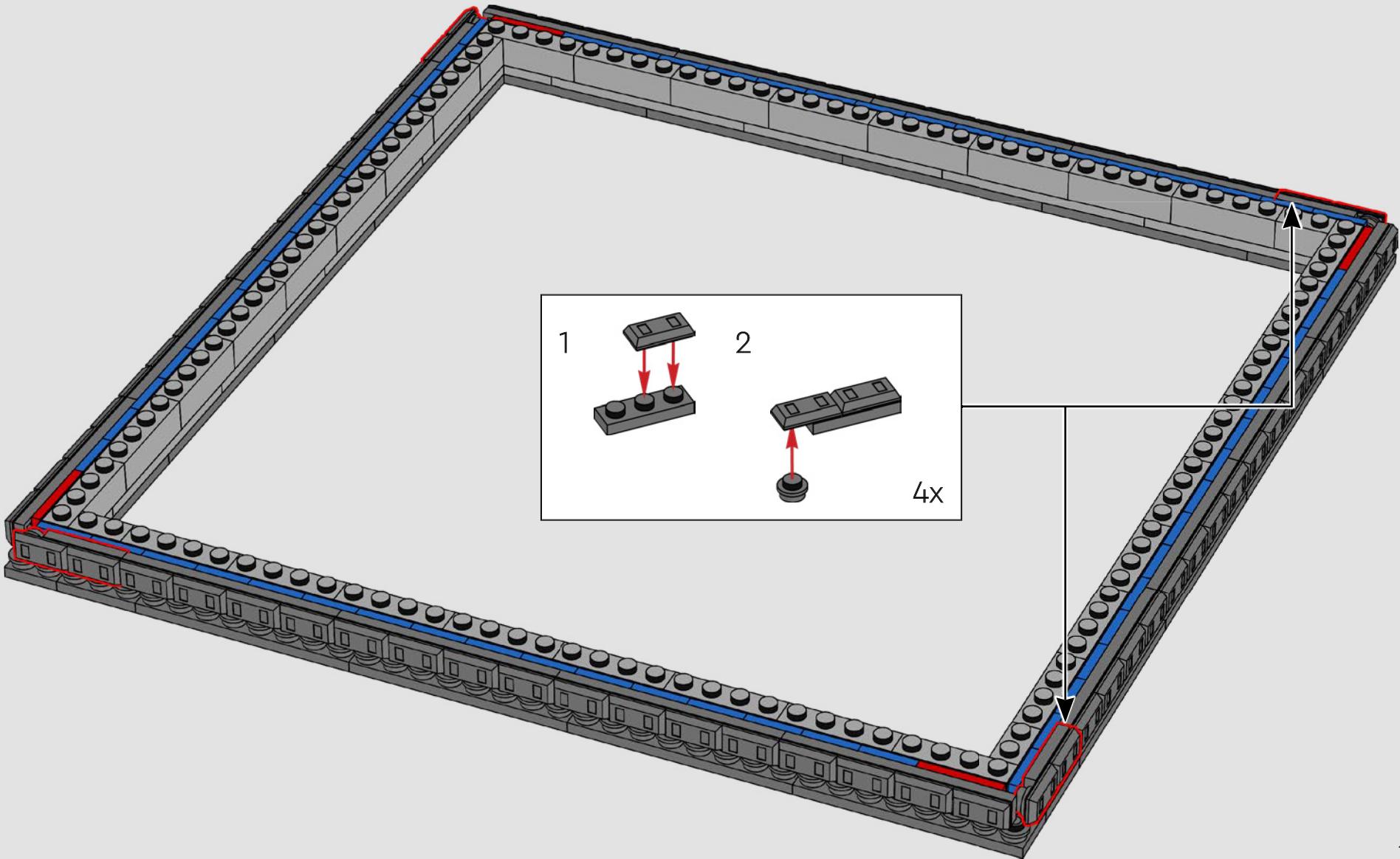




Gustave Eiffel engraved the names of 72 French scientists, engineers and mathematicians into the tower. On the LEGO® model the names are represented by 72 LEGO Ingot pieces.

4x 4x 8x

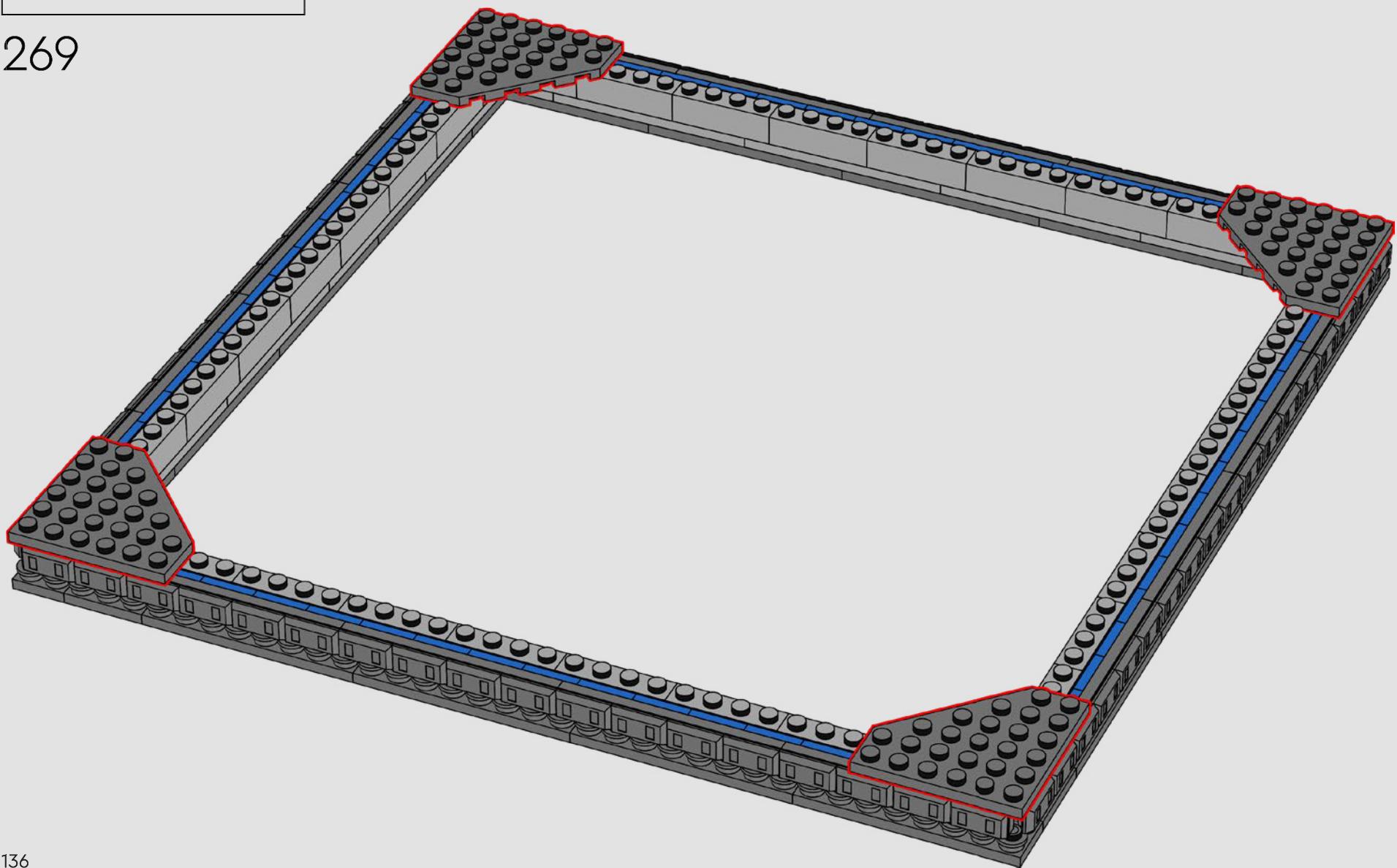
268





4x

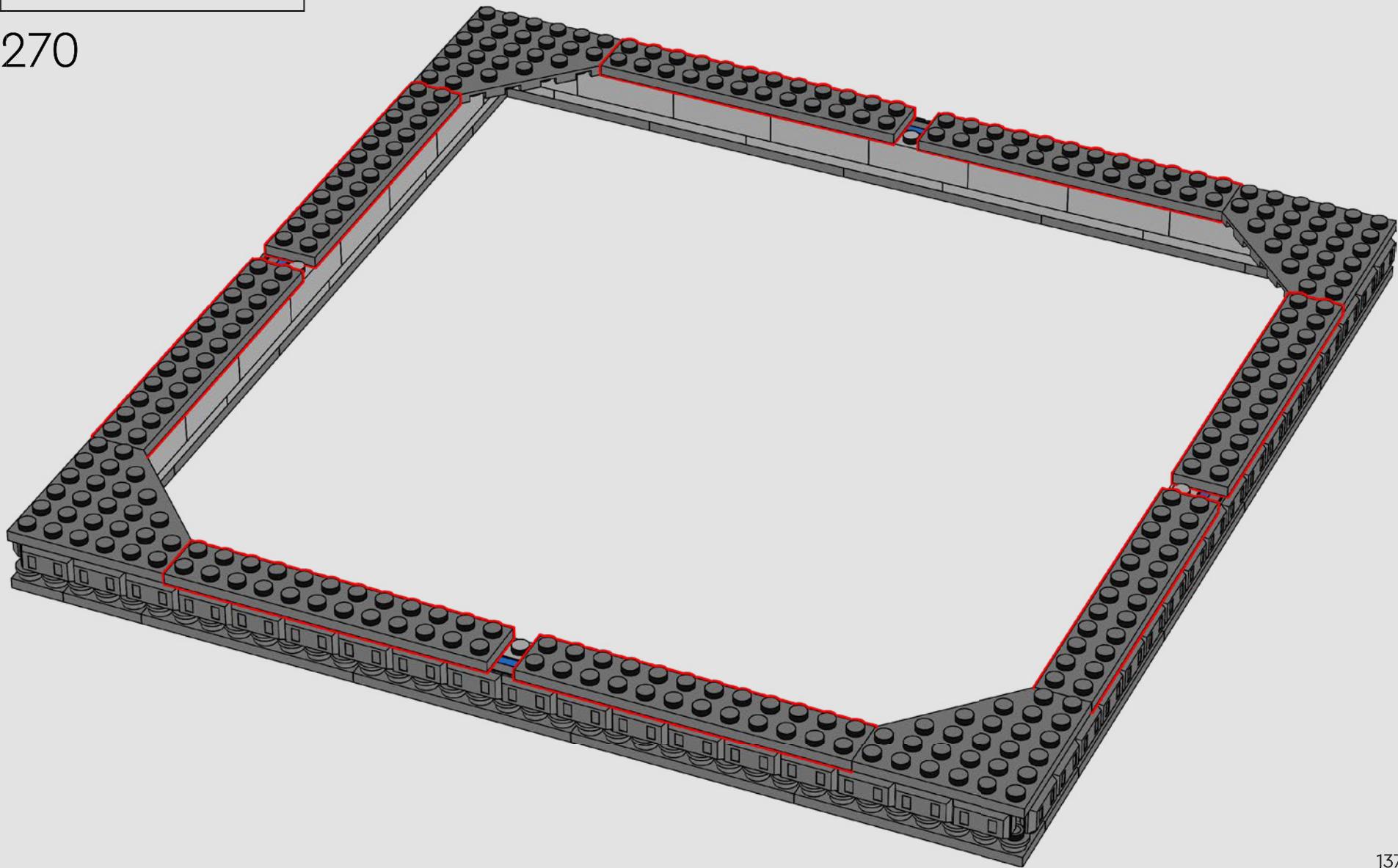
269





8x

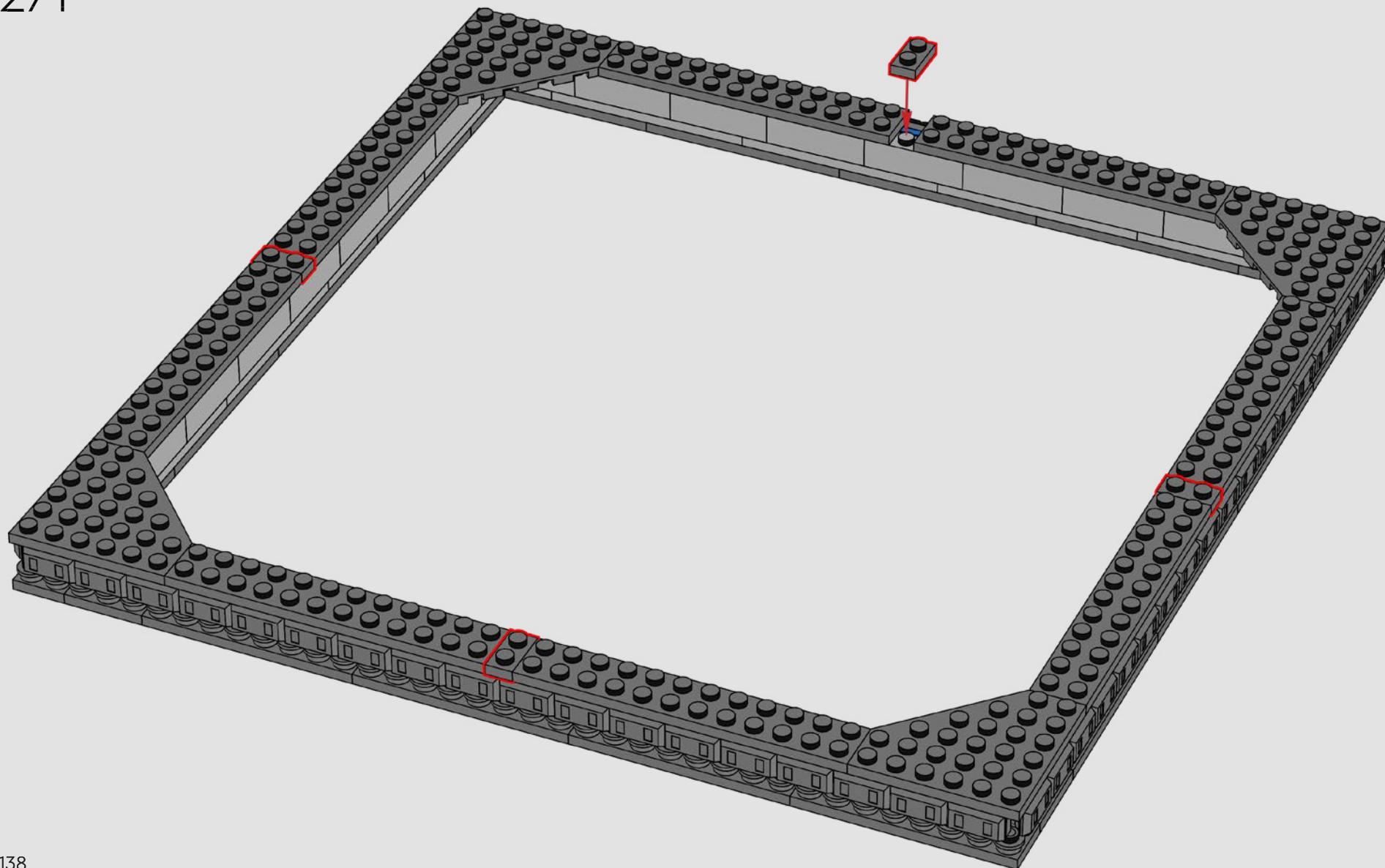
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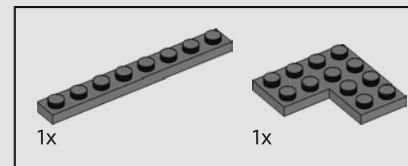
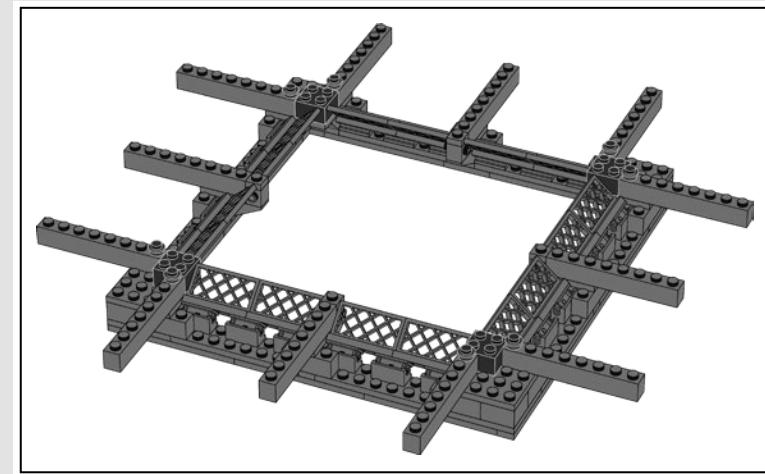




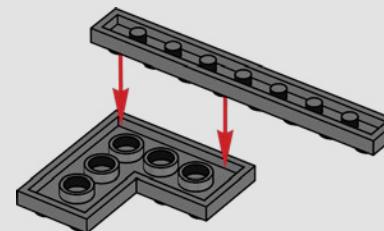
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271



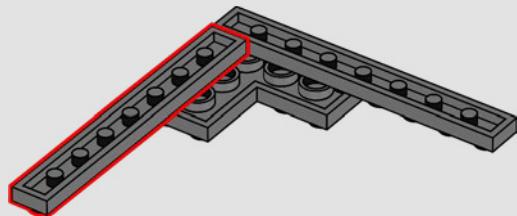


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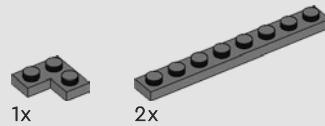
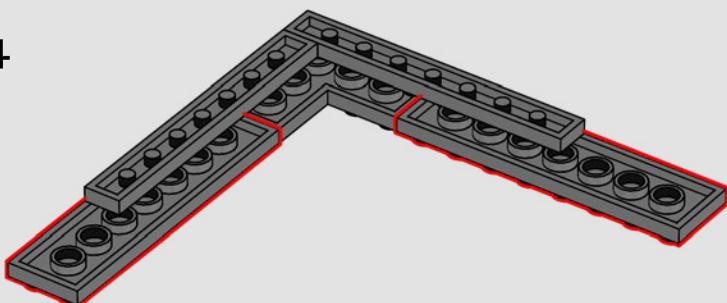




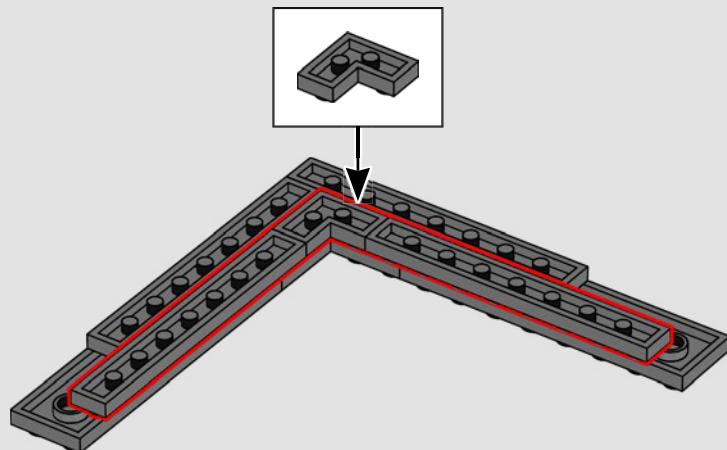
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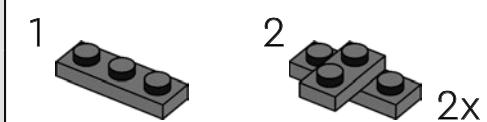
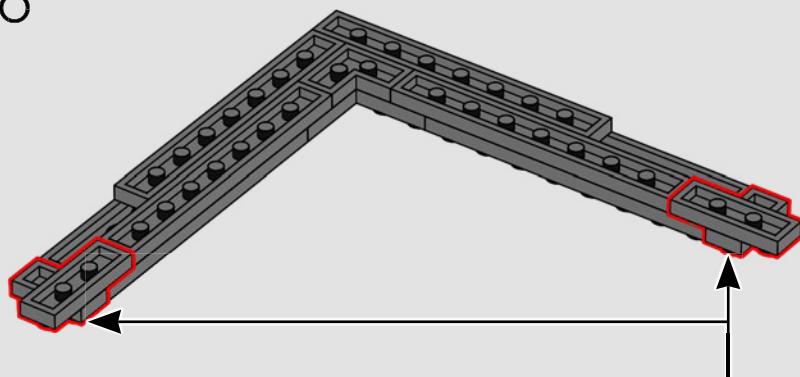
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275



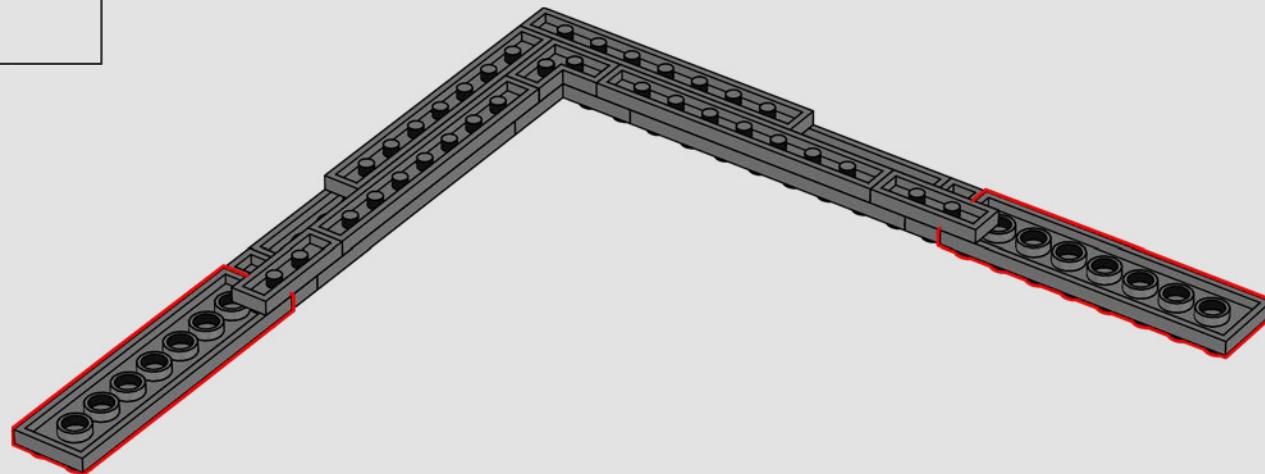
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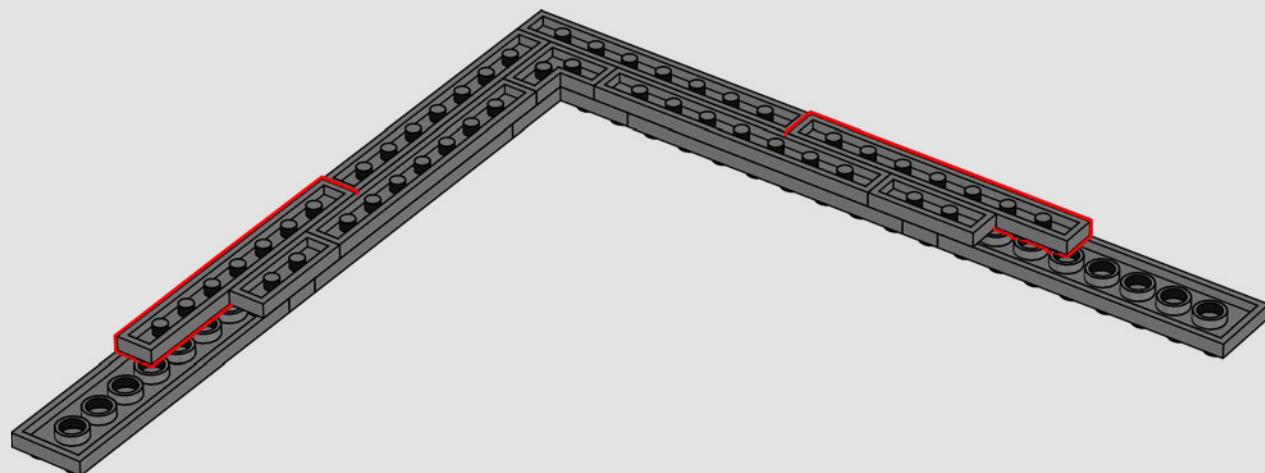
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277



2x

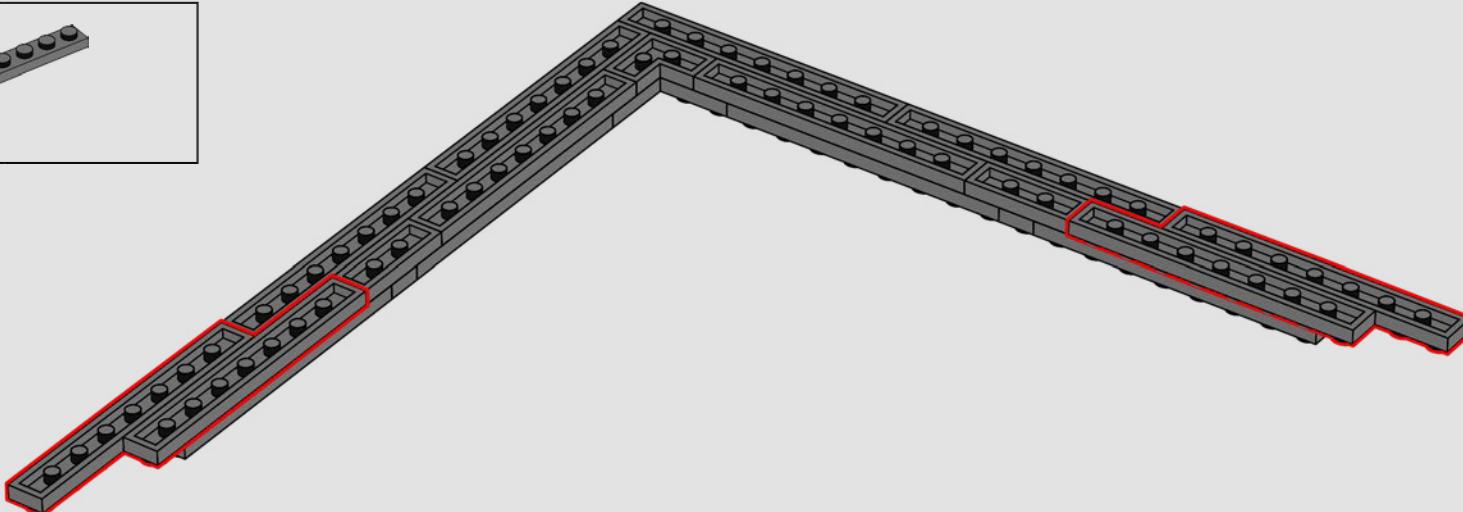
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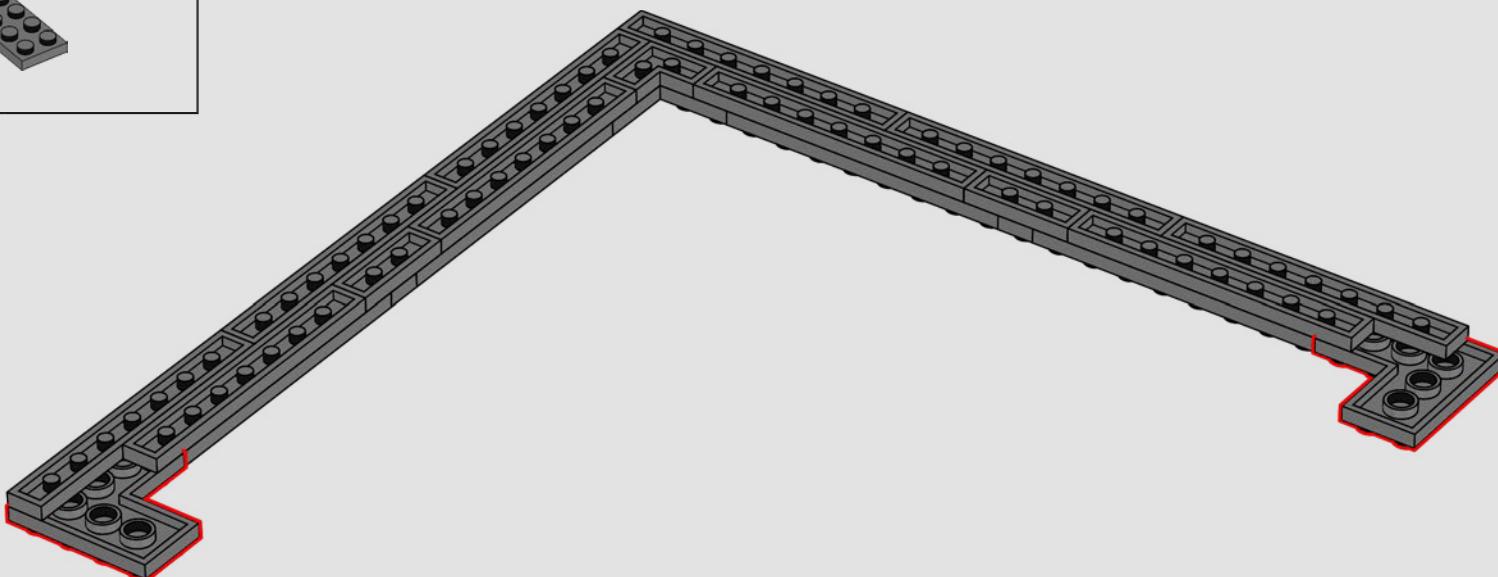
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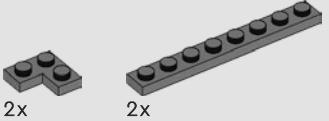
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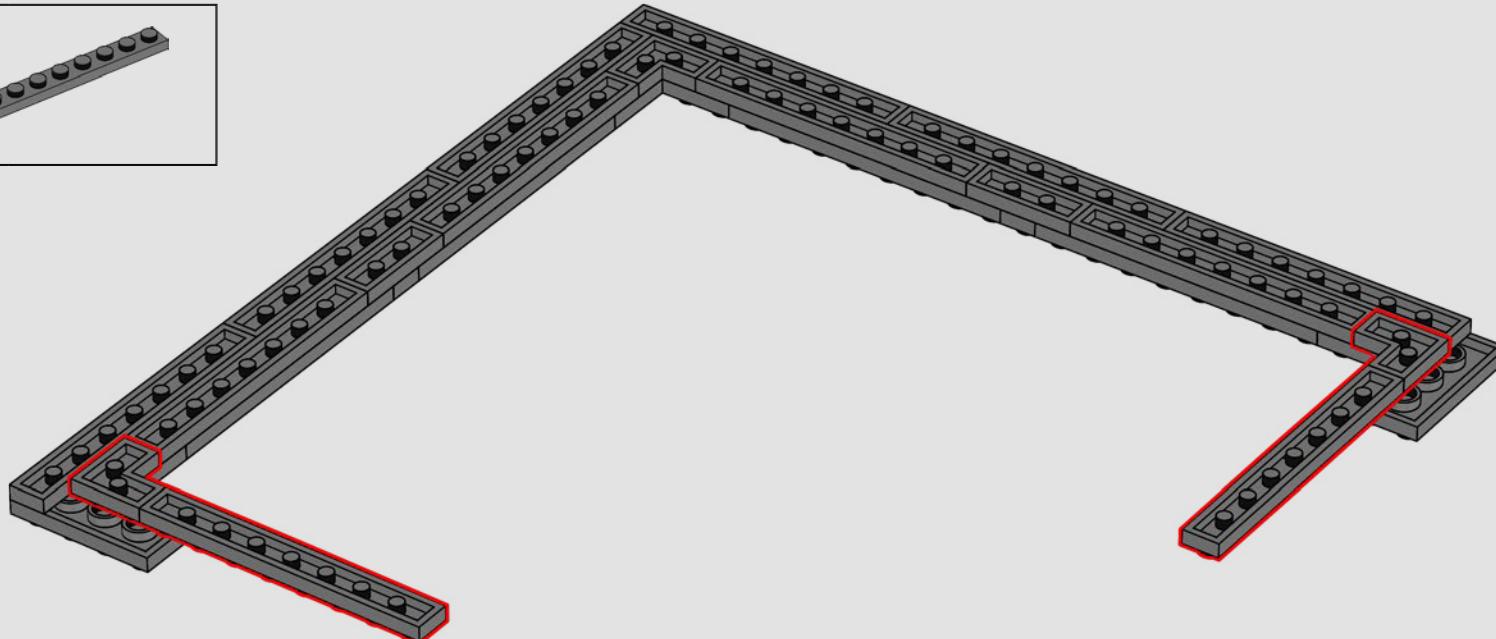
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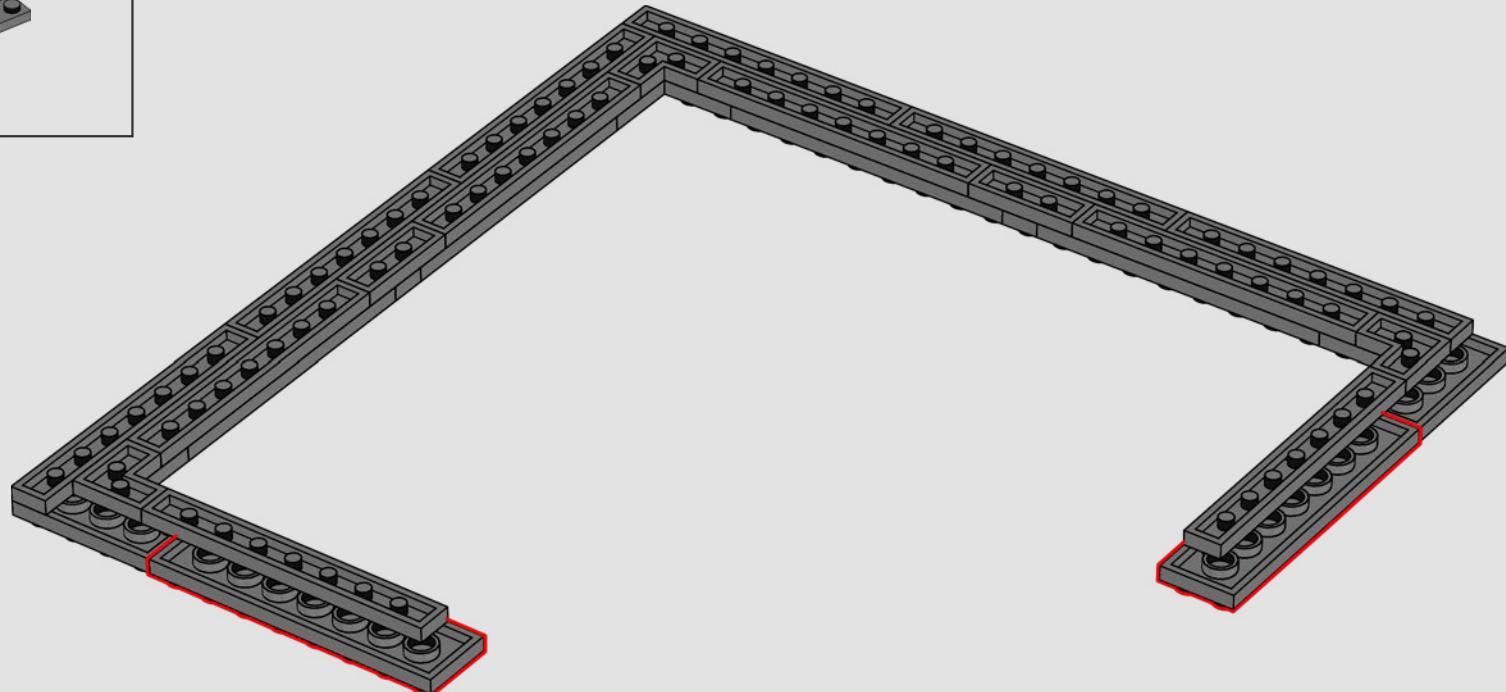


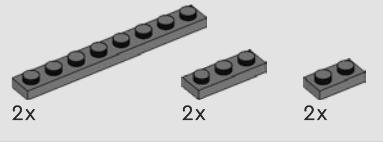


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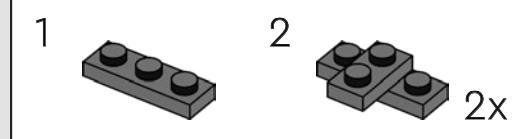
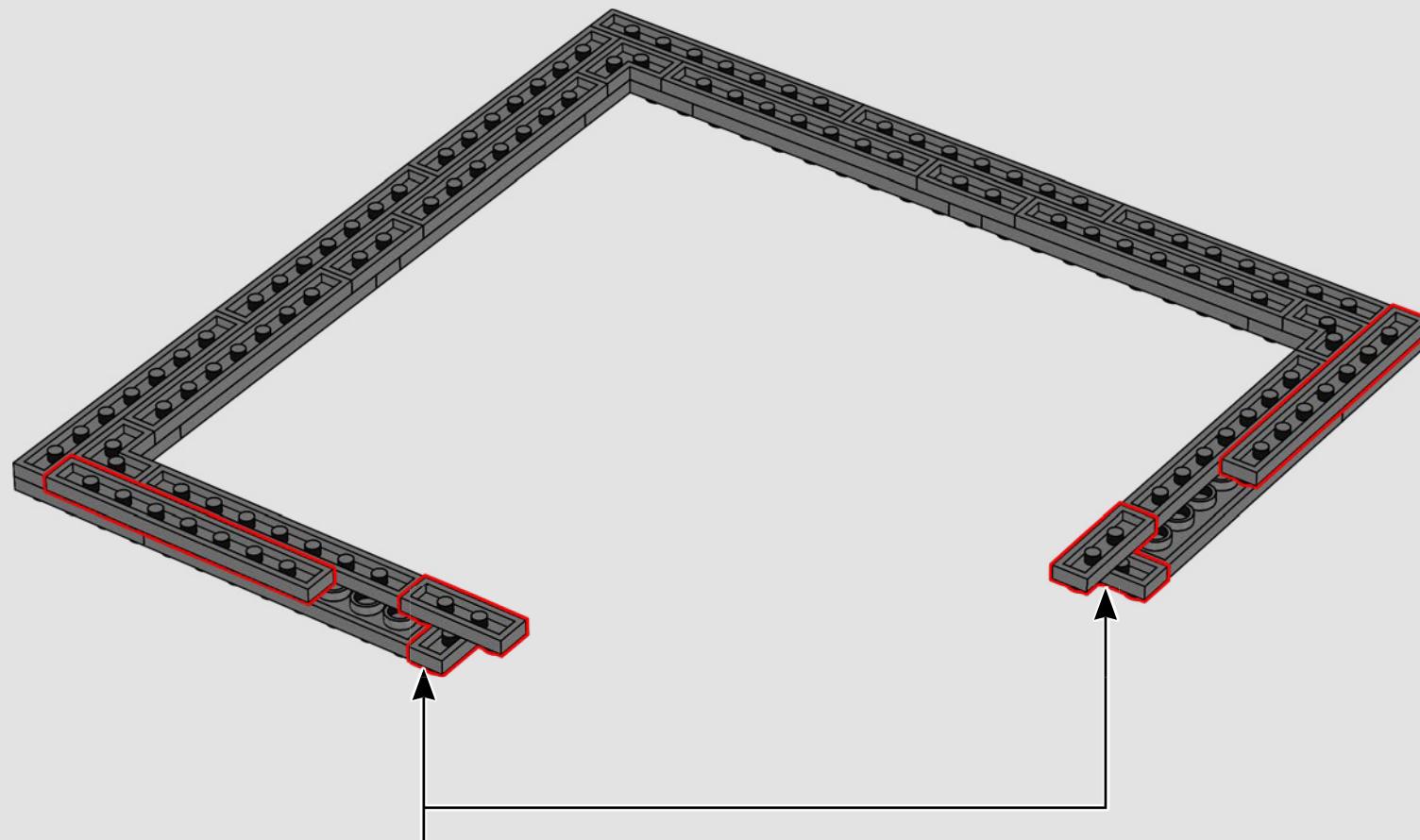


282





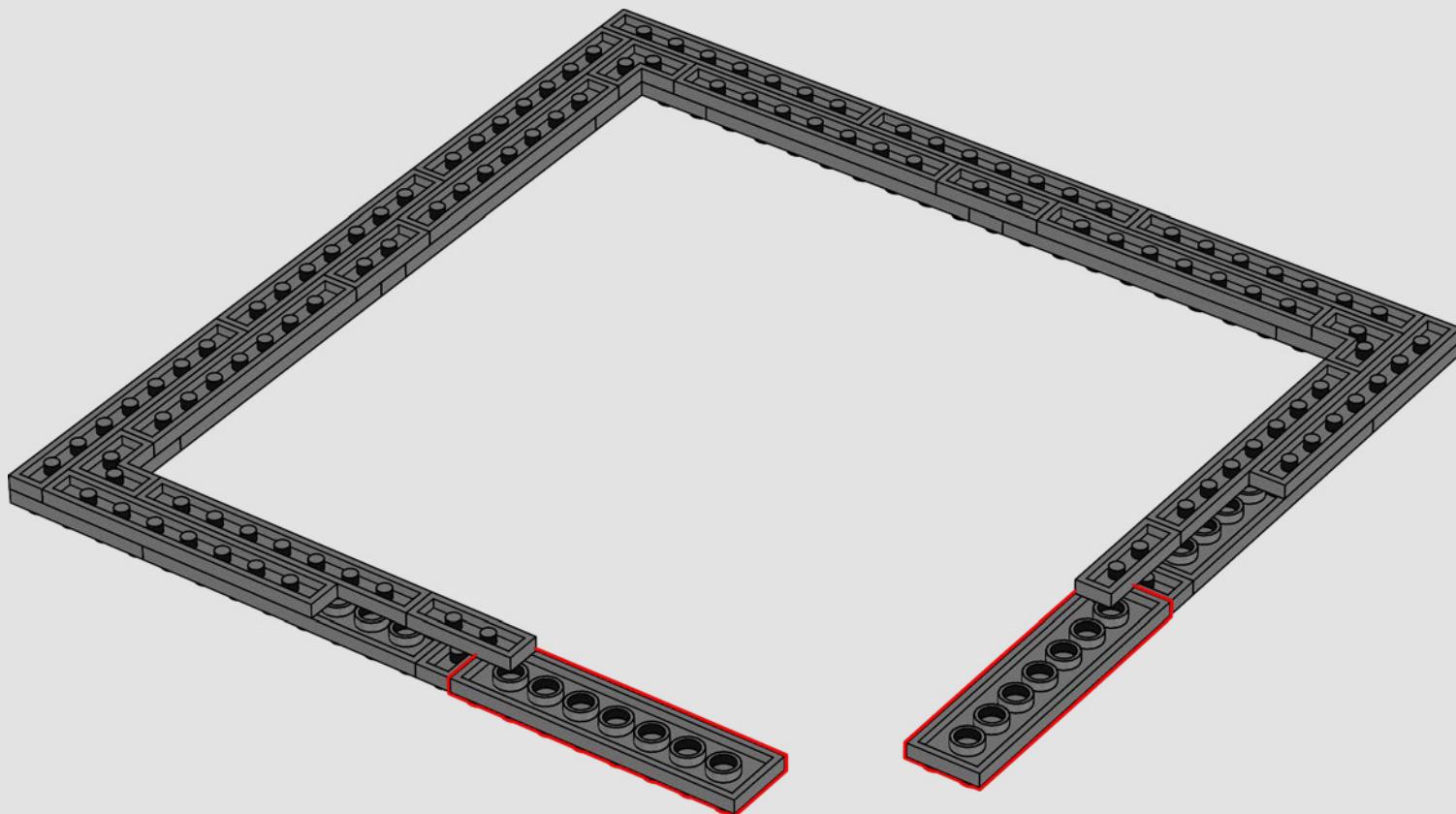
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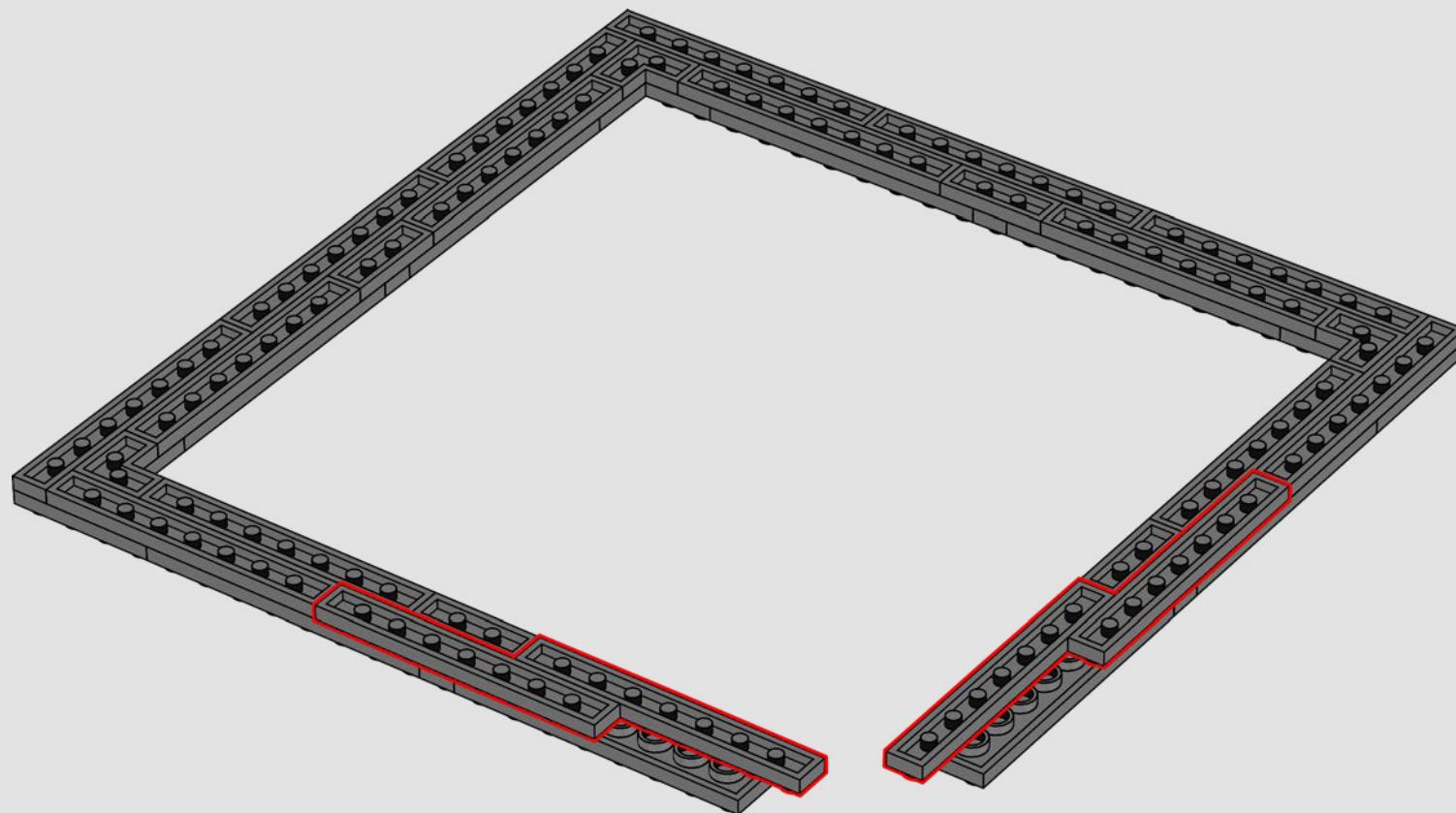
2x

284





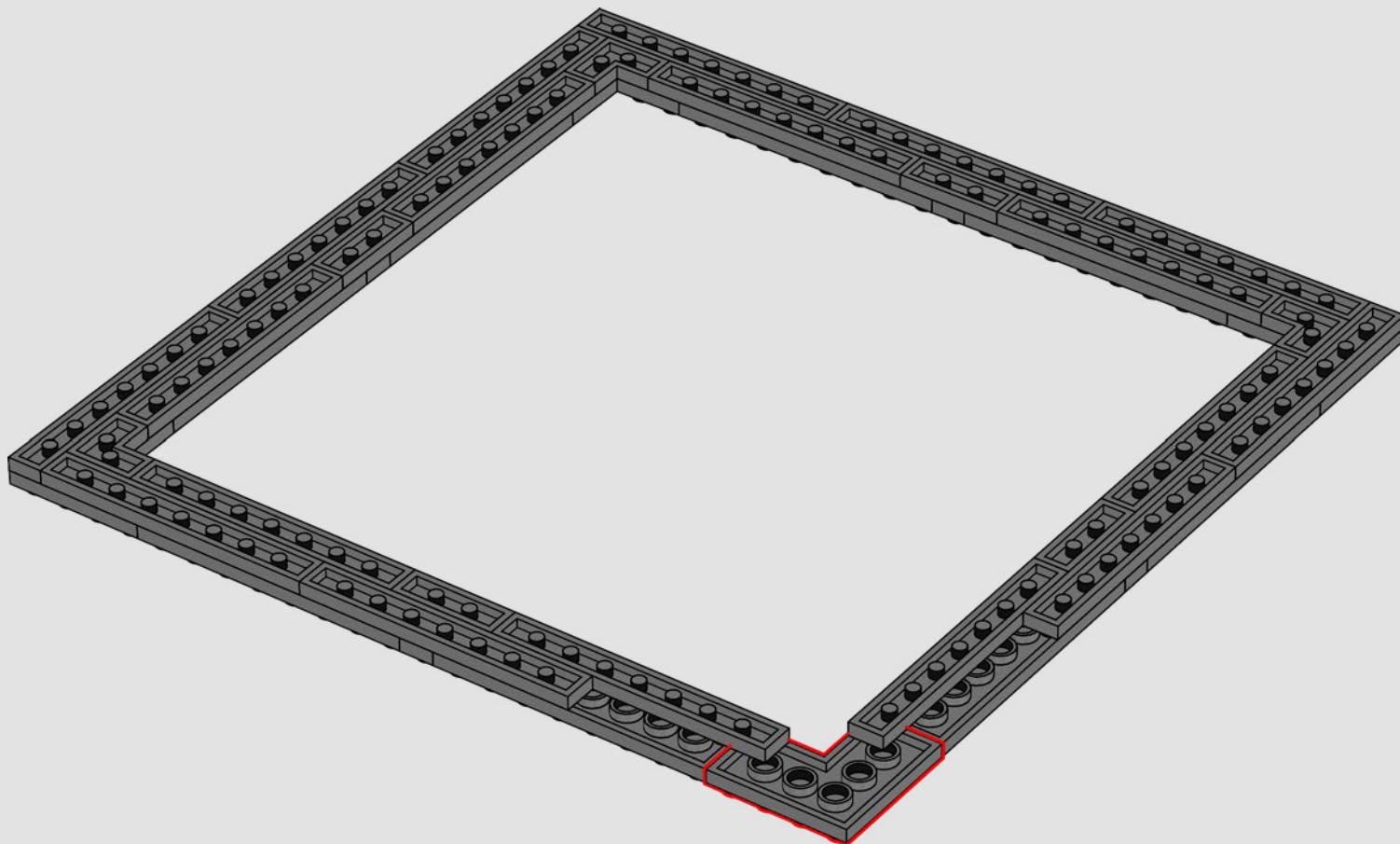
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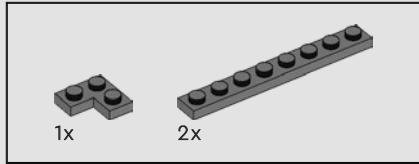




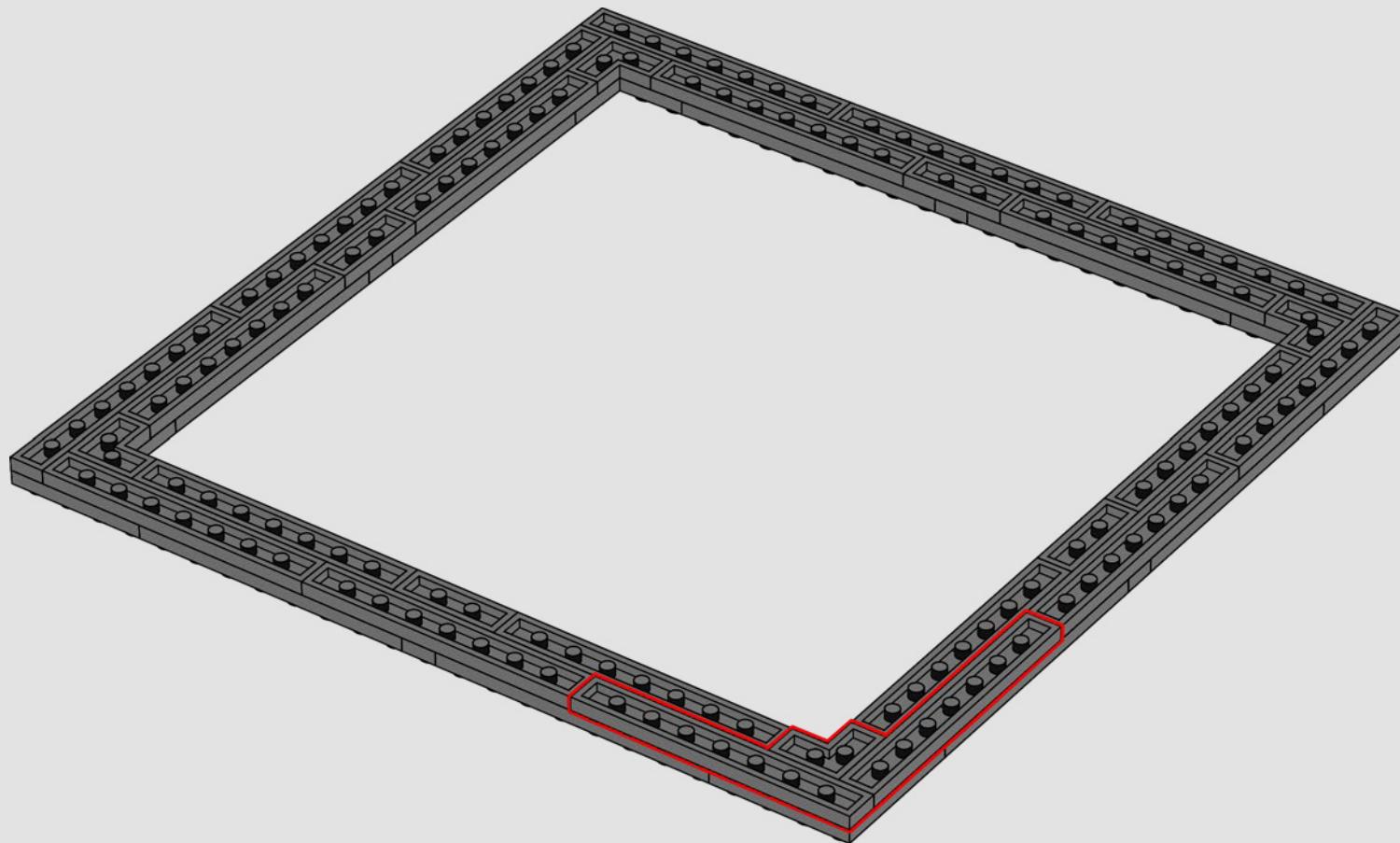
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286





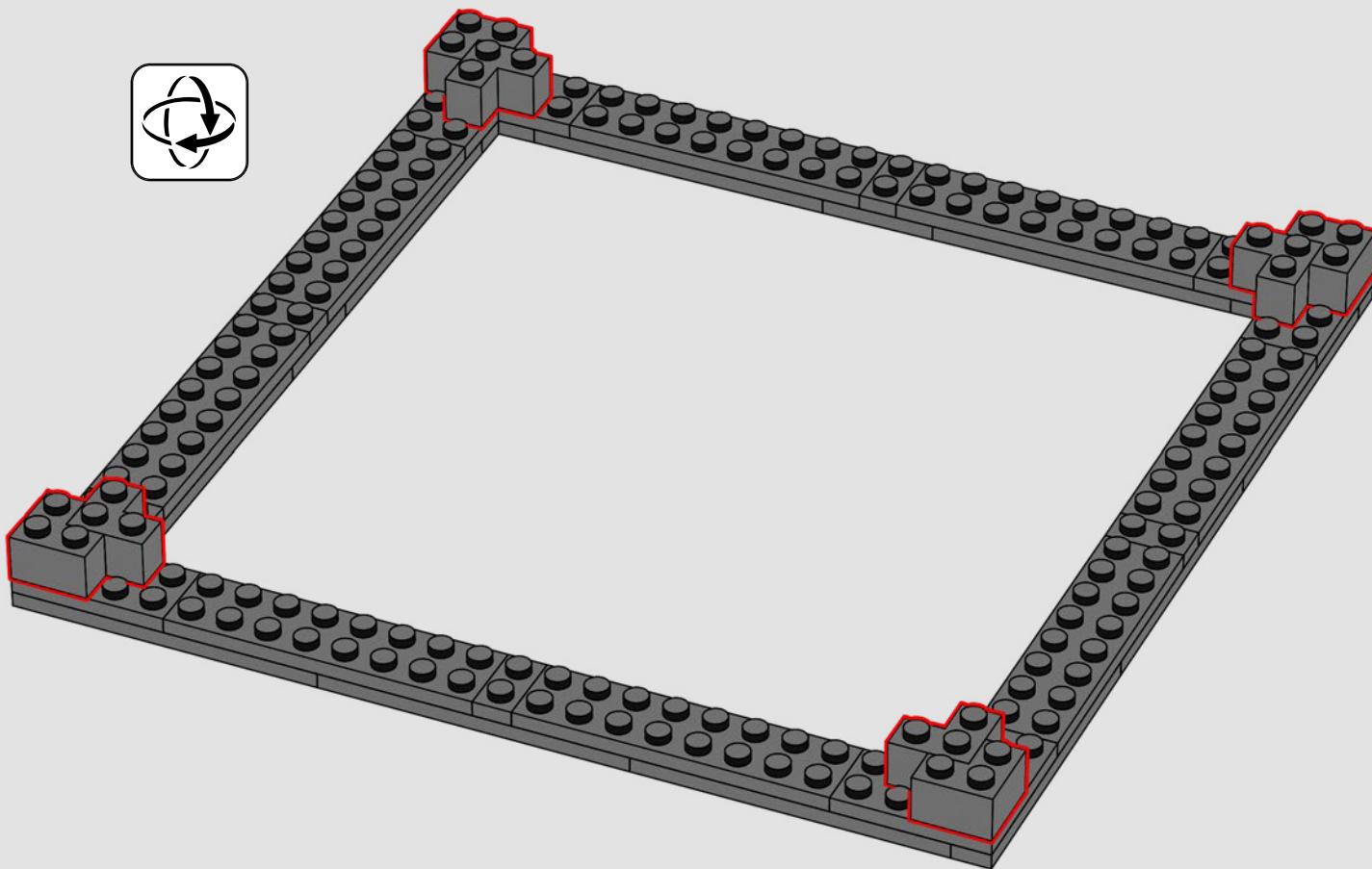
287





8x

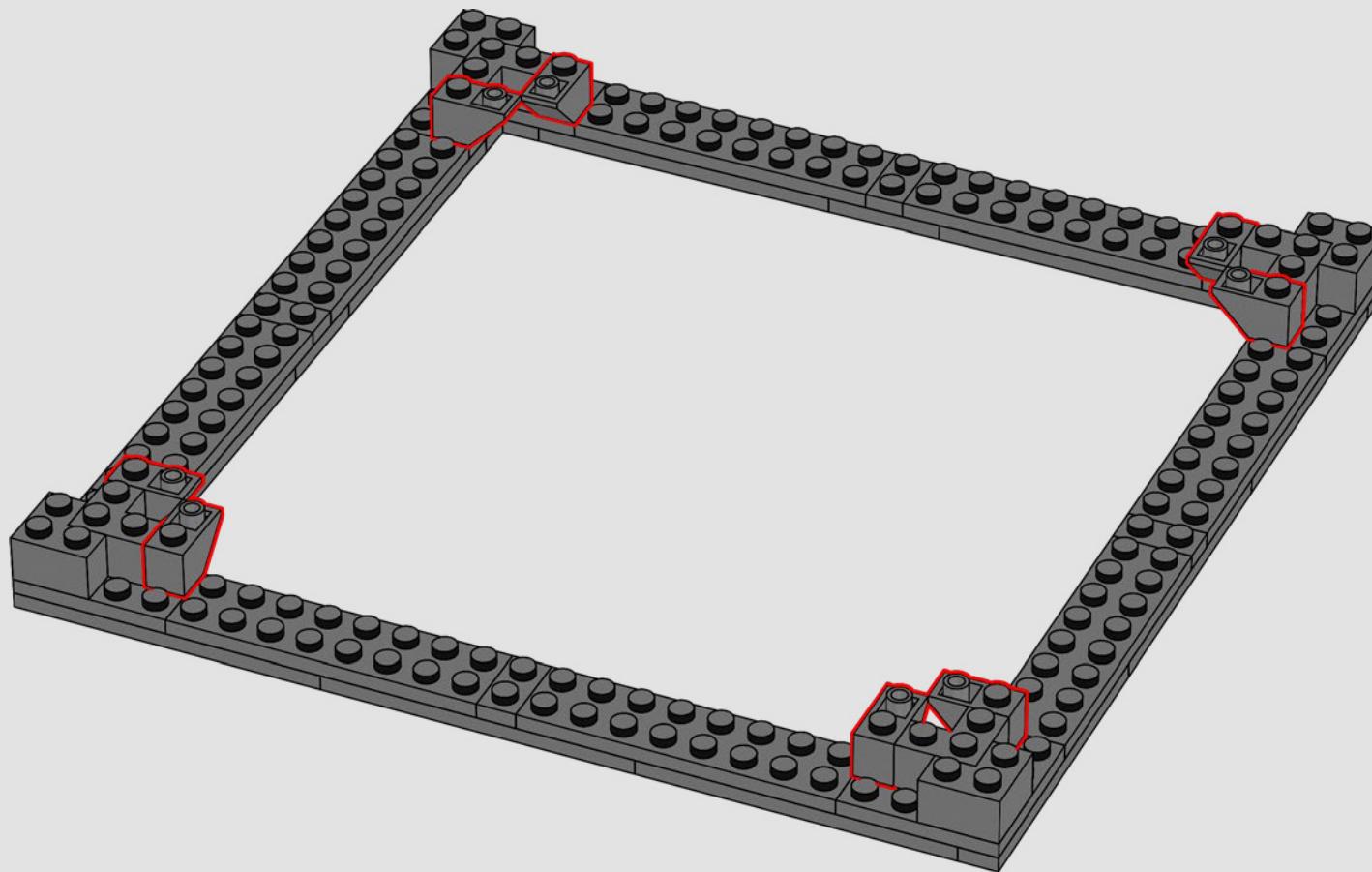
288





8x

289



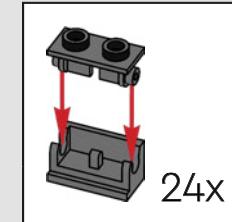


24x

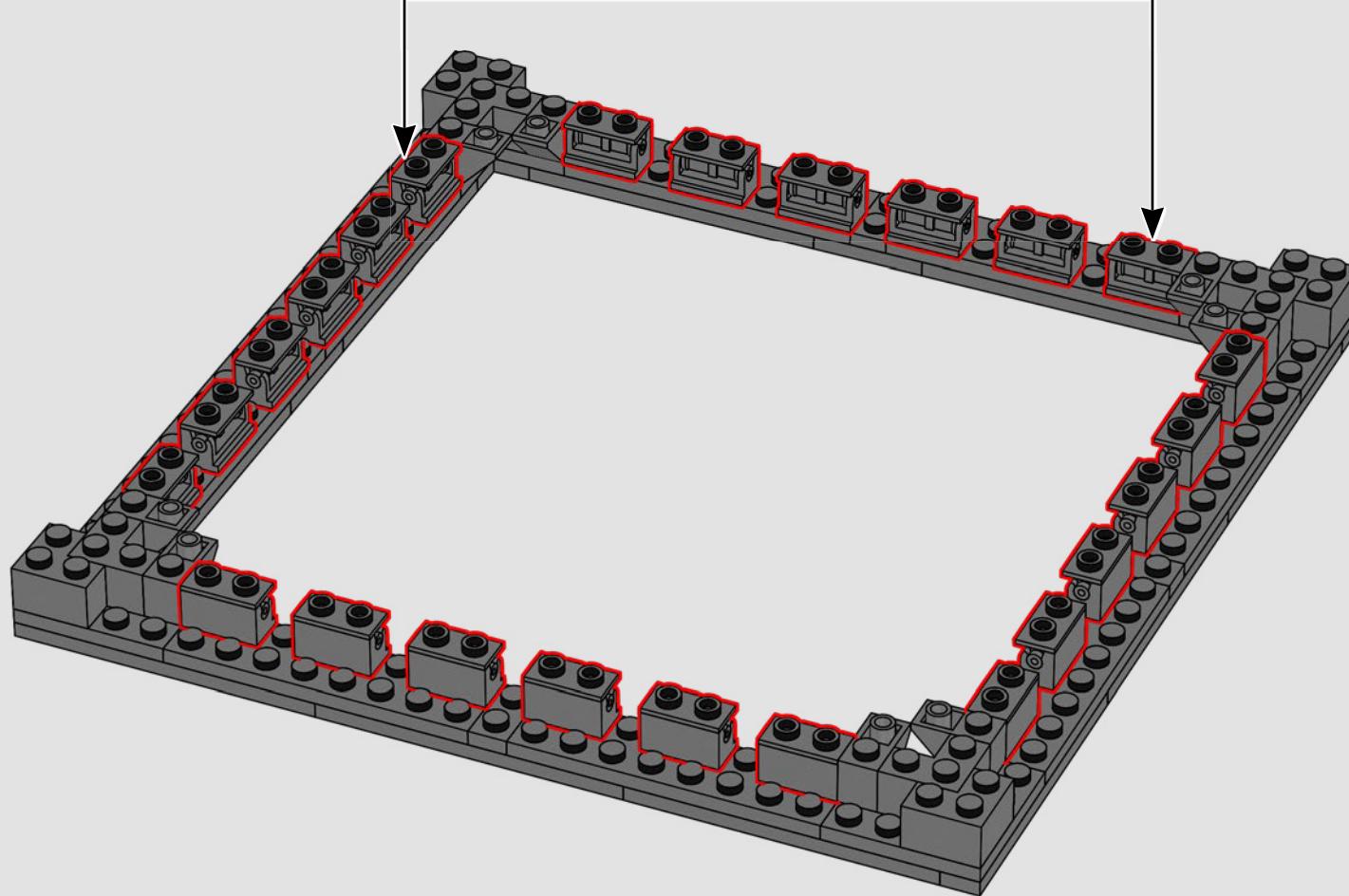


24x

290



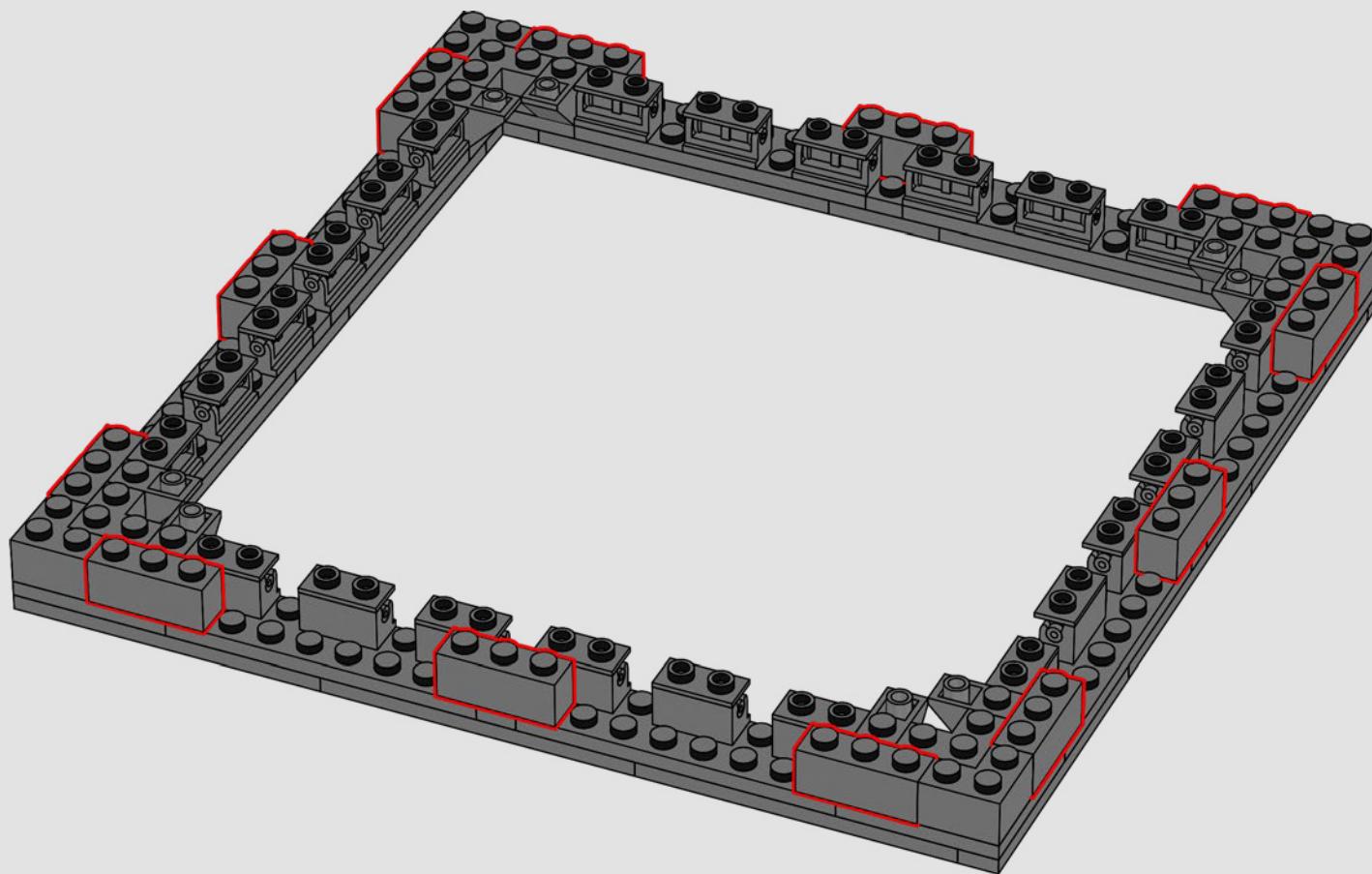
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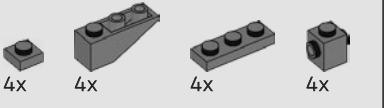




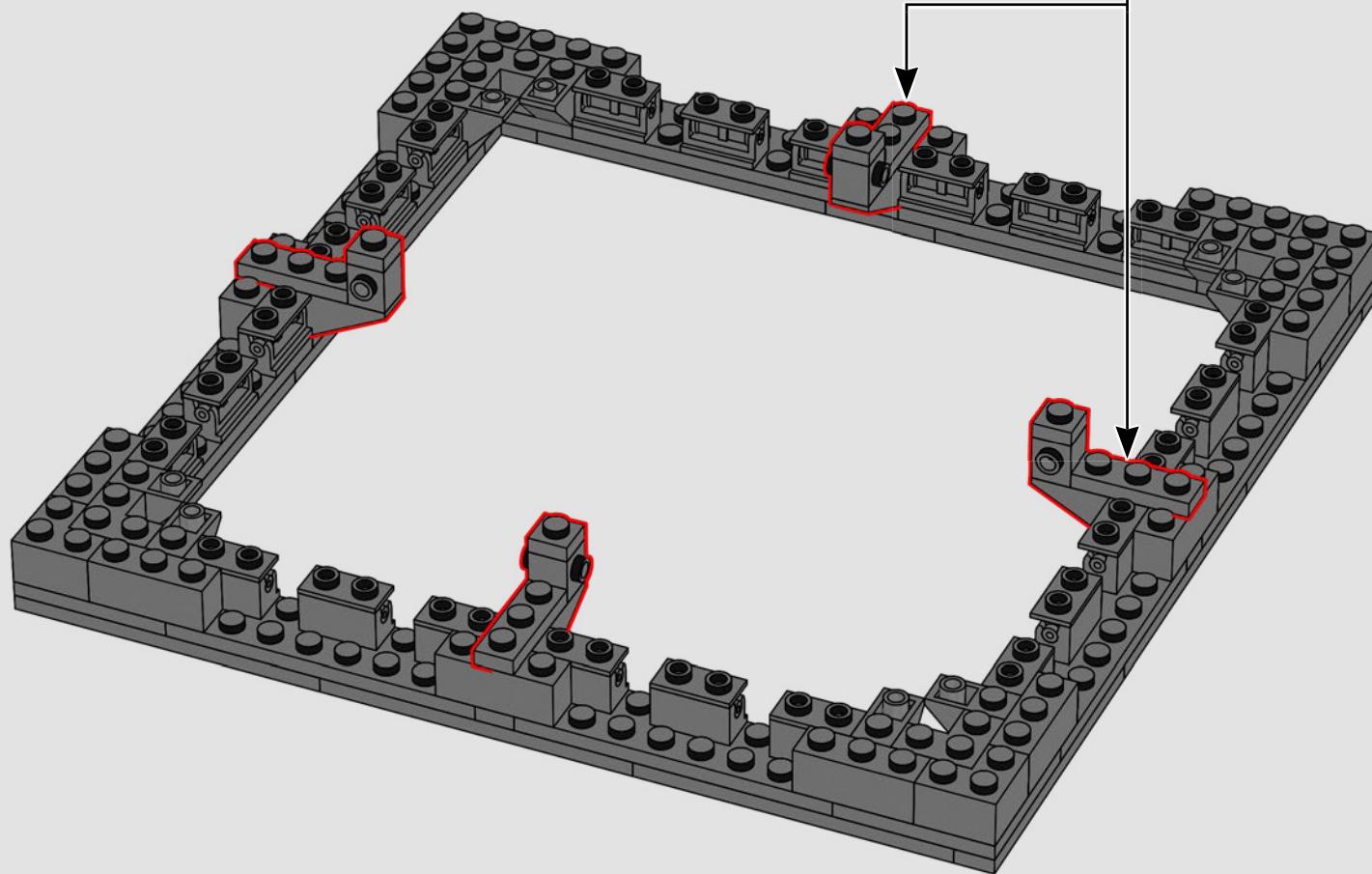
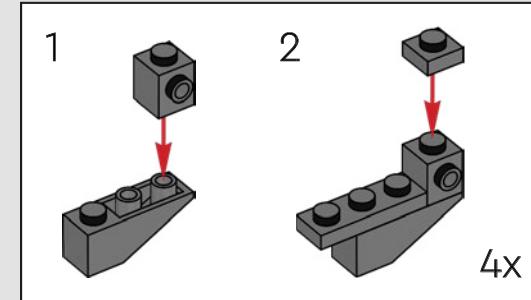
12x

291





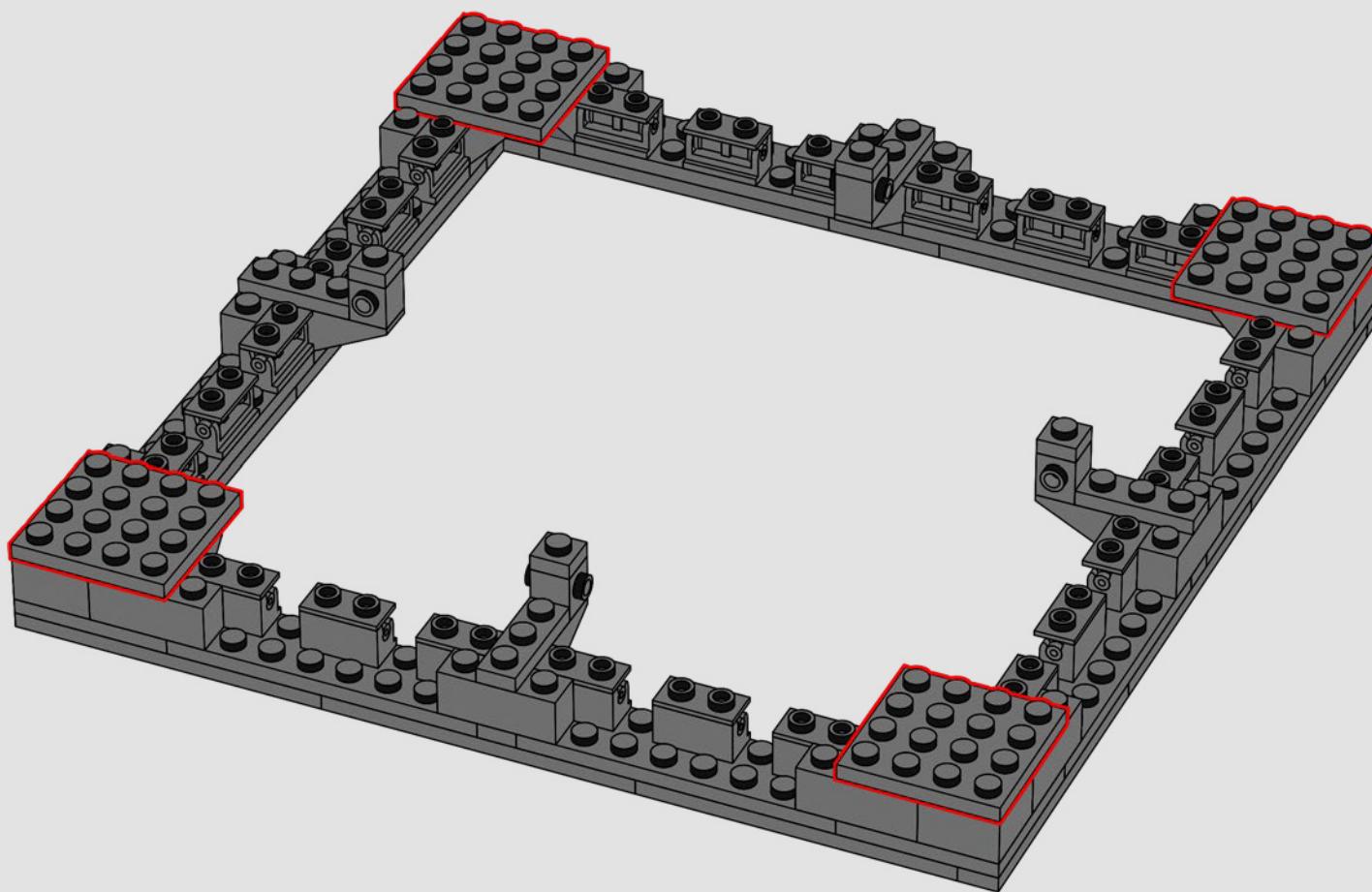
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4x

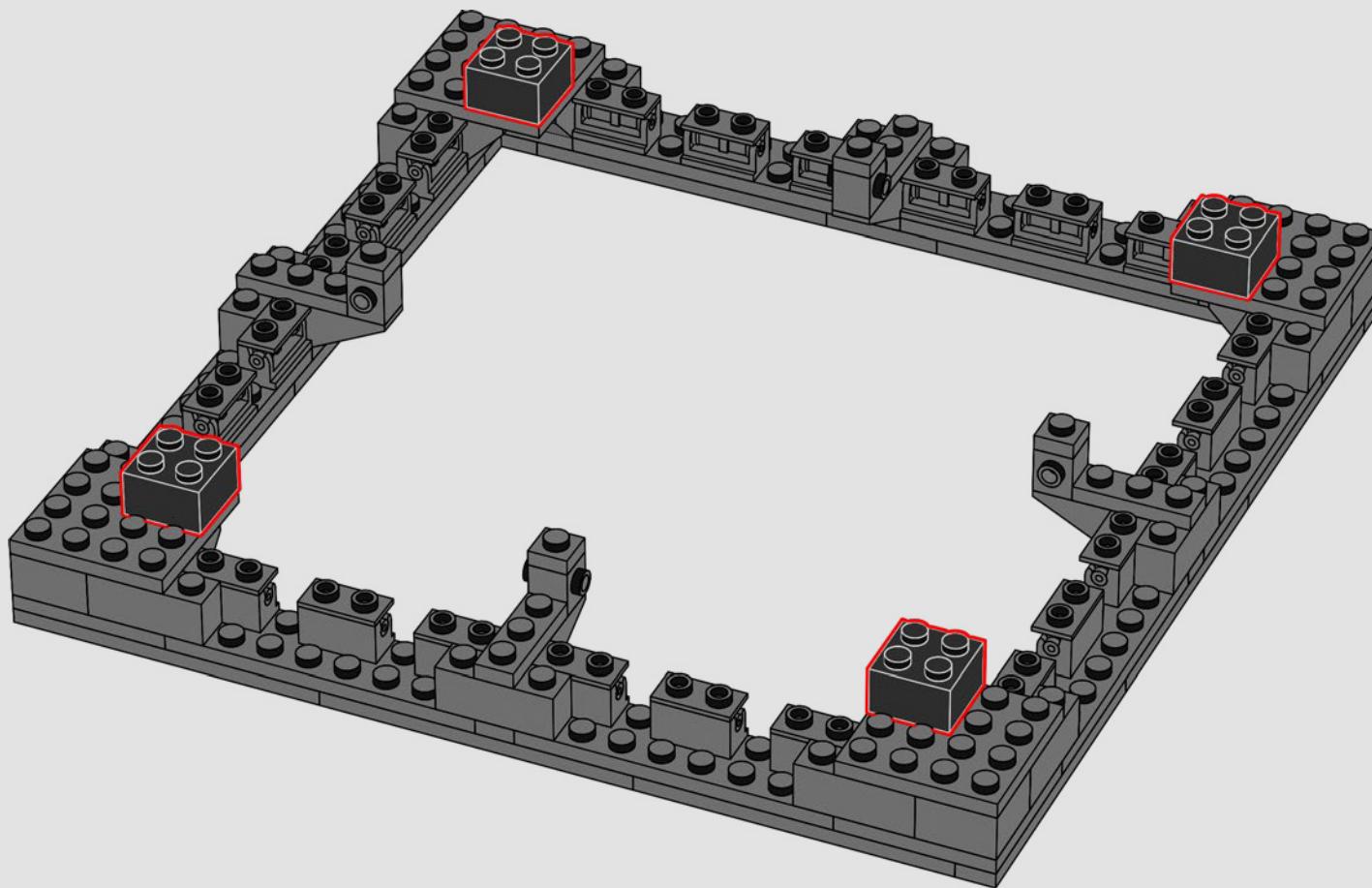
293





4x

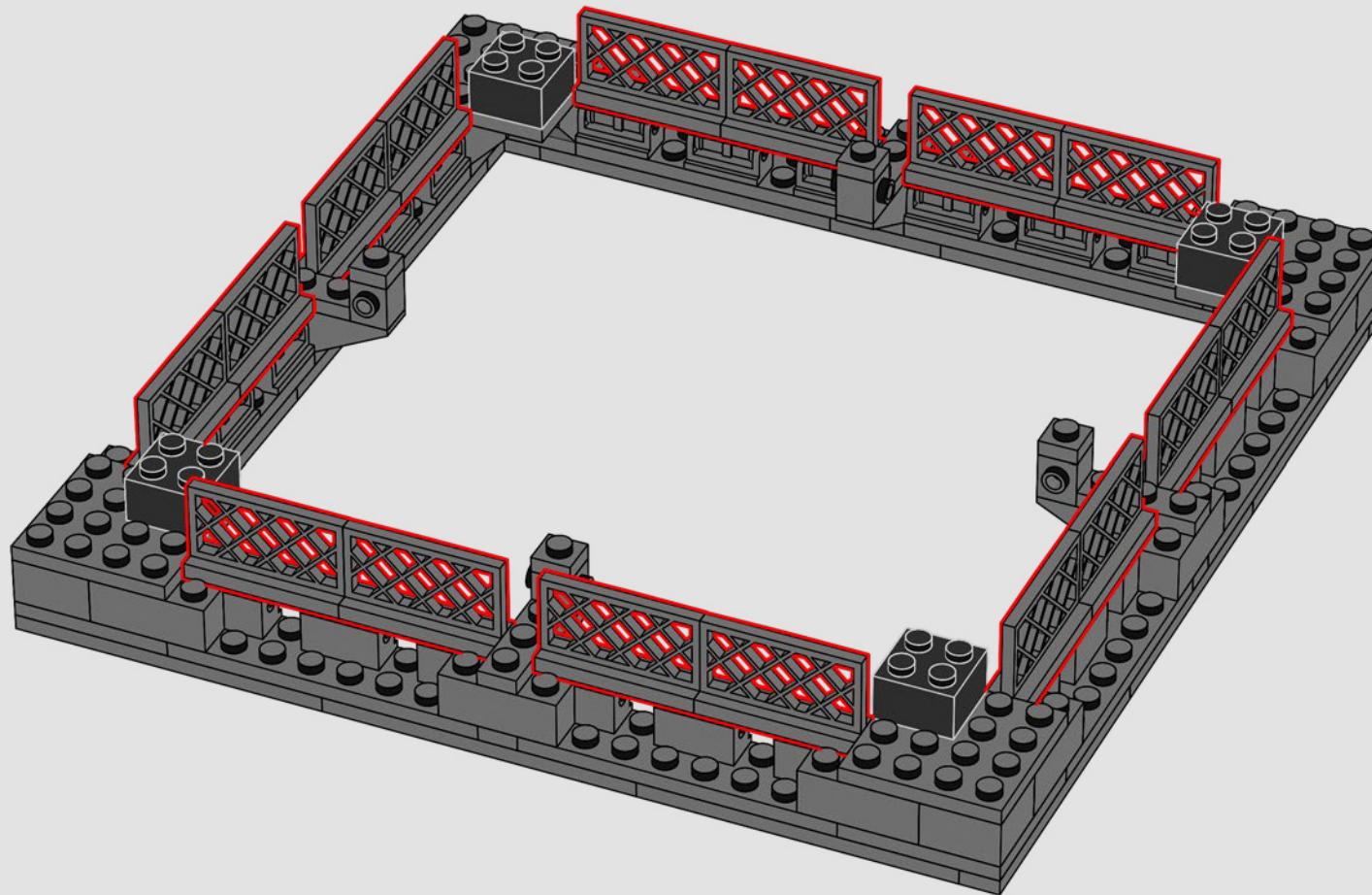
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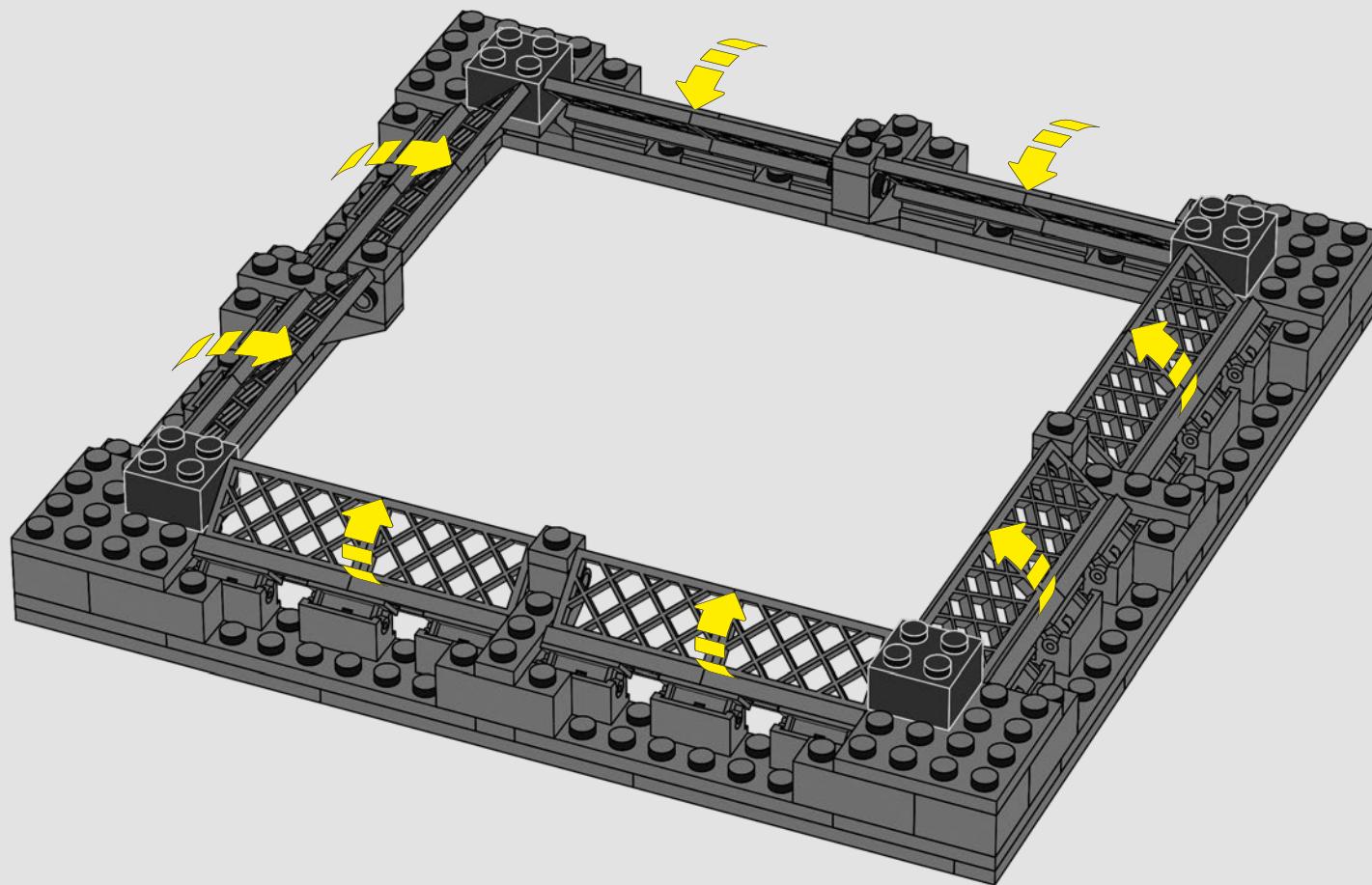


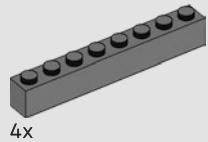
16x

295



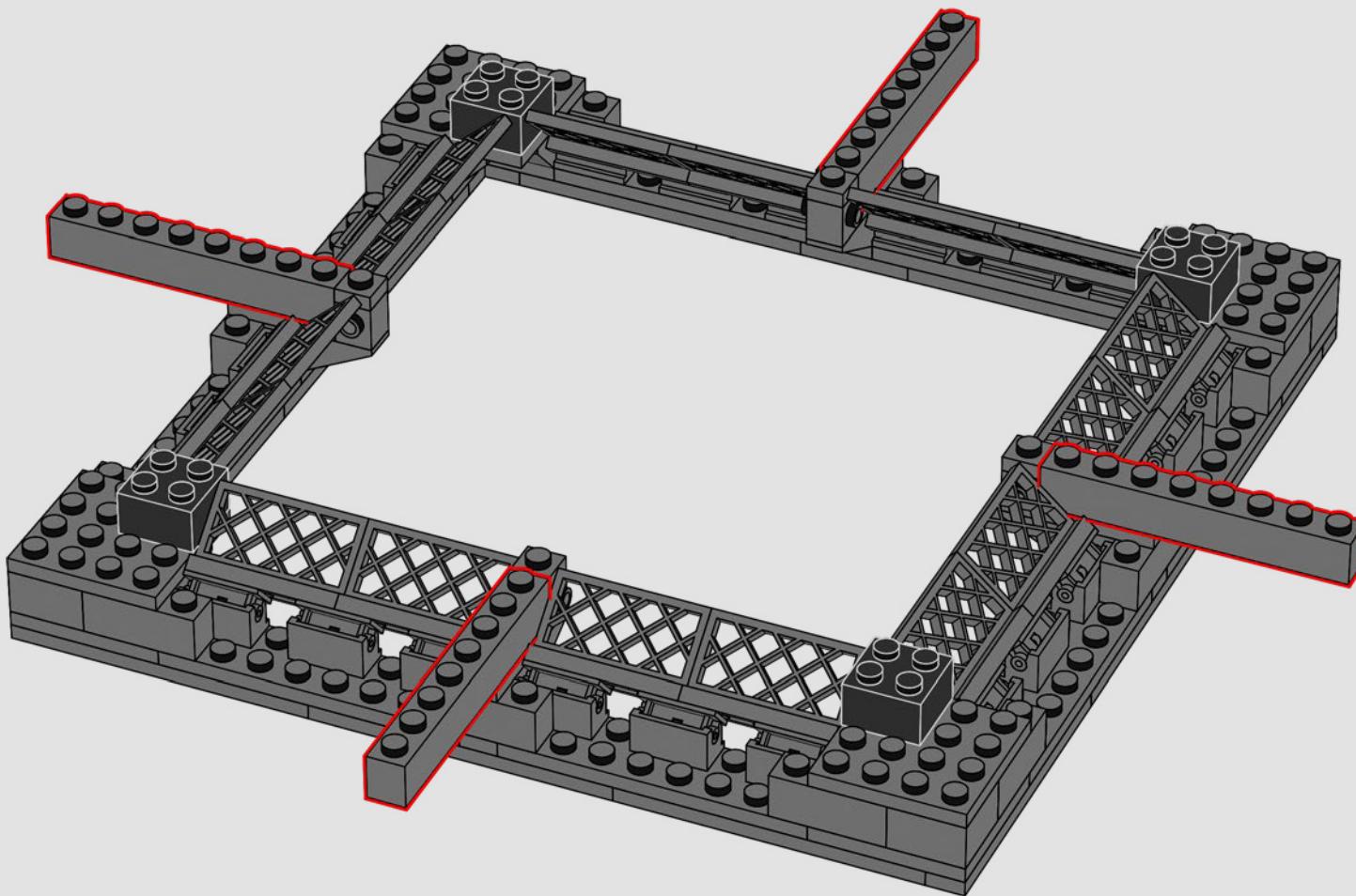
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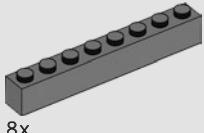


4x

297

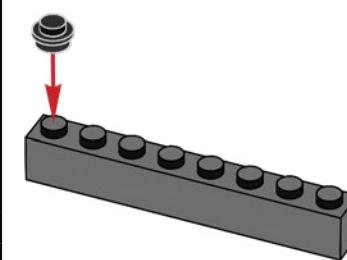


8x

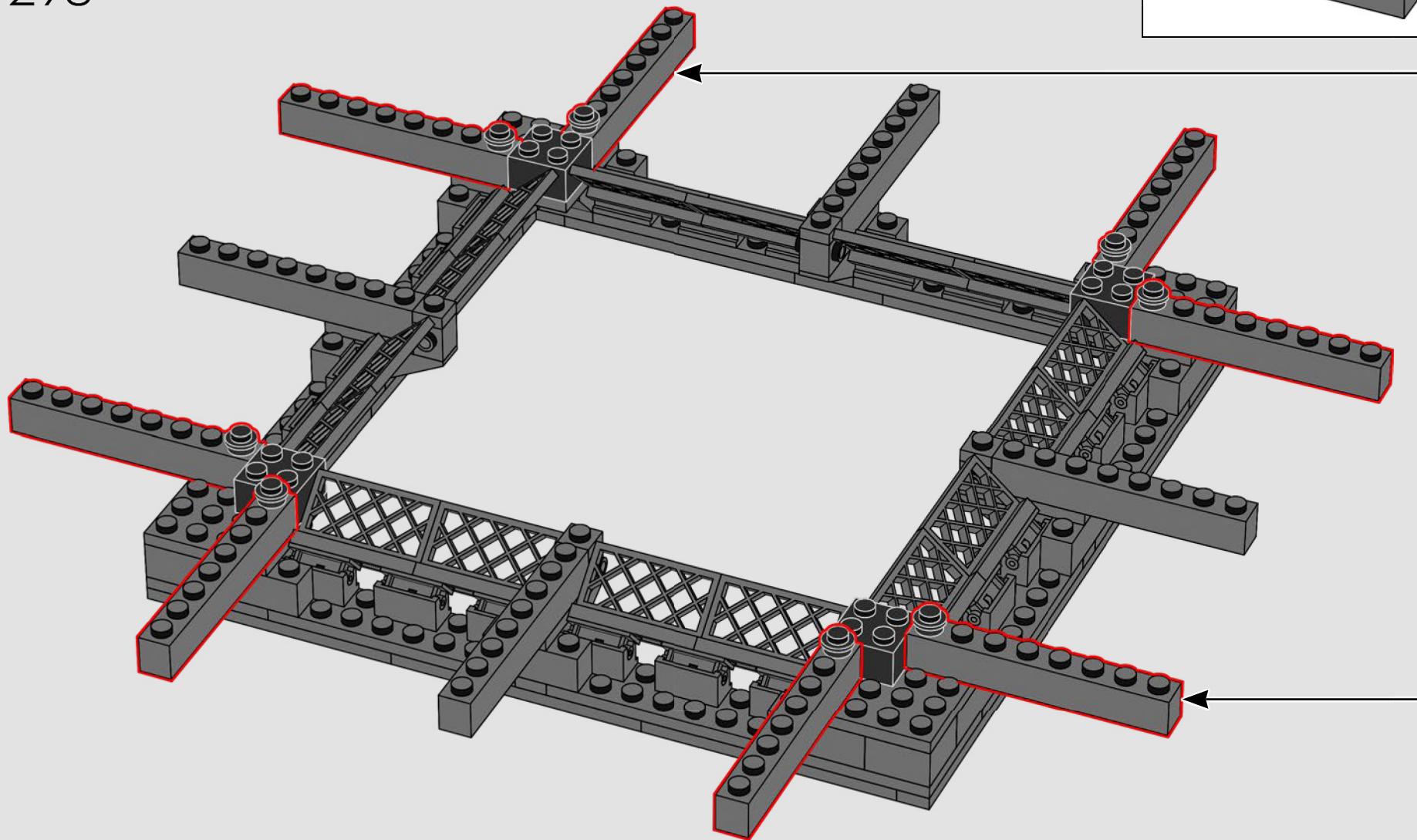


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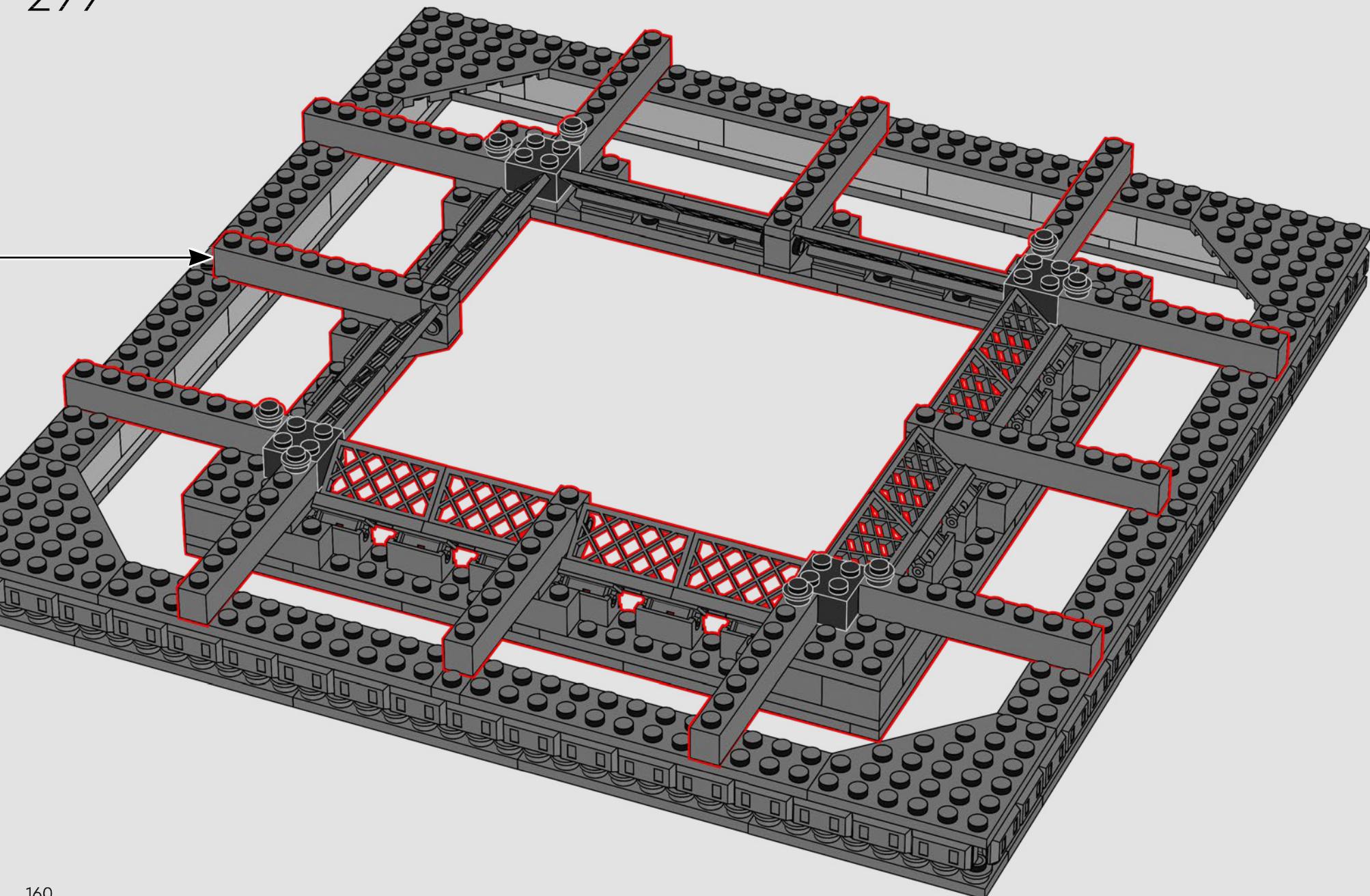
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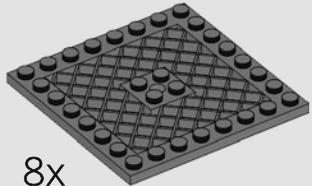
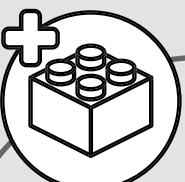


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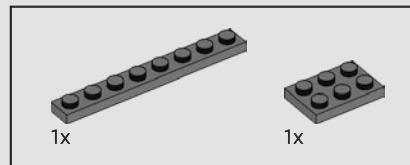
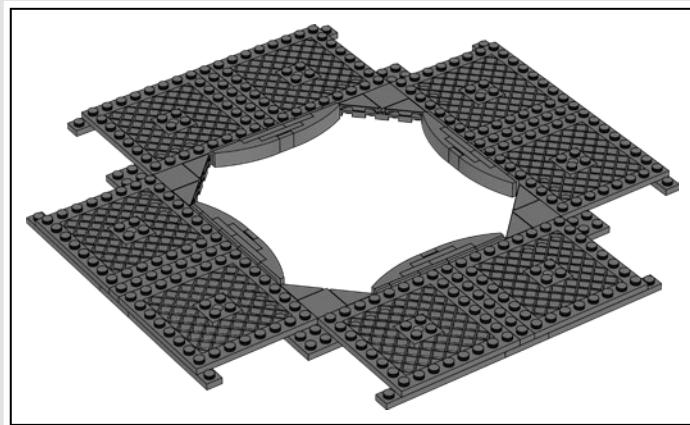


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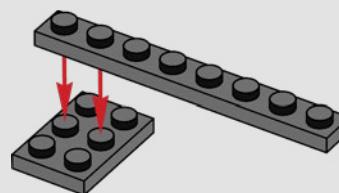


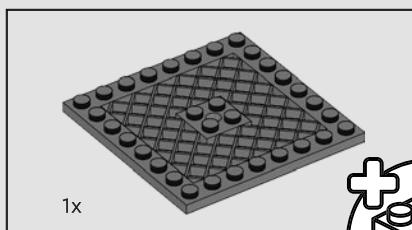


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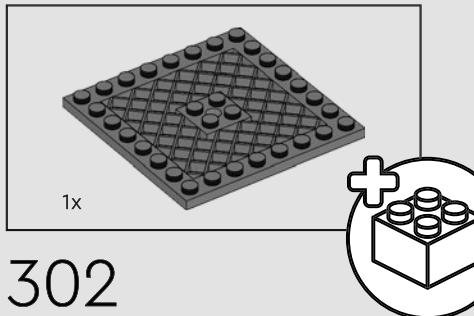
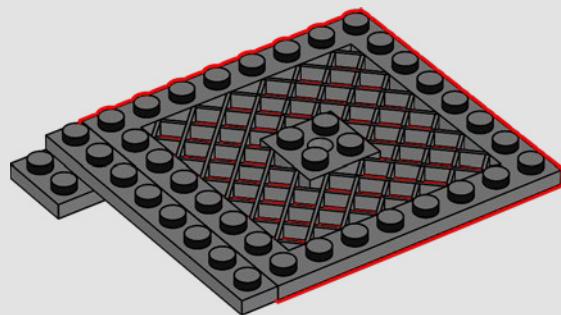


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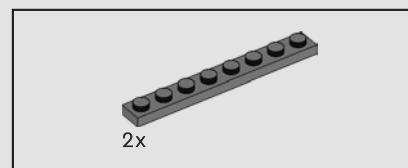
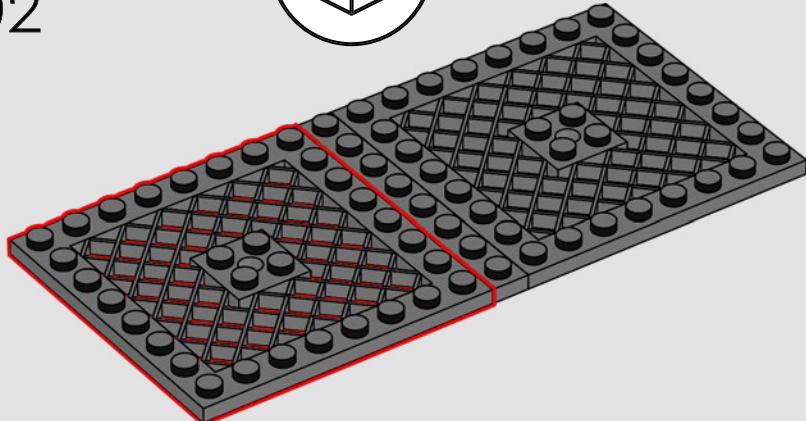




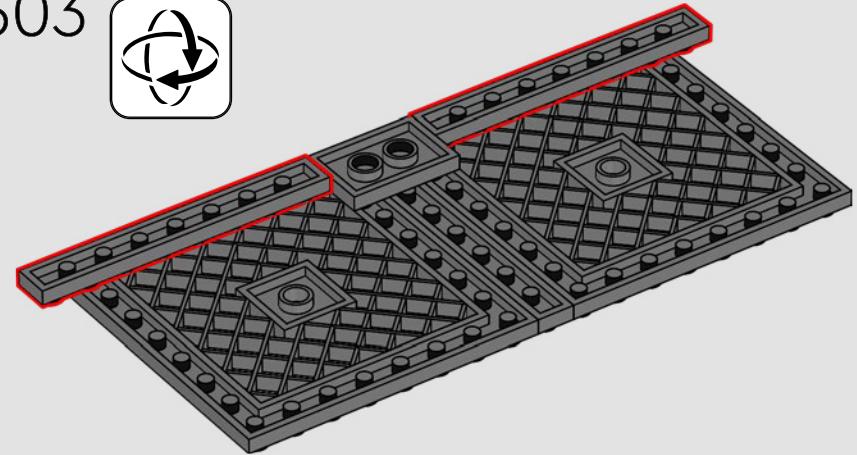
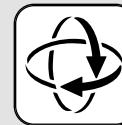
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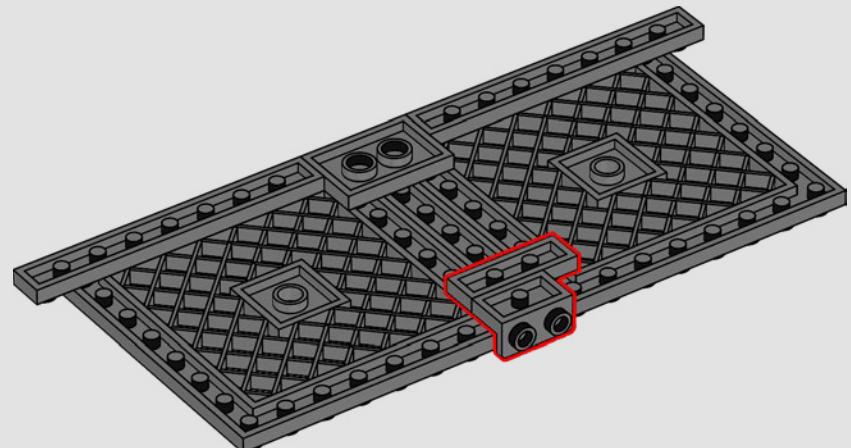
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303



304



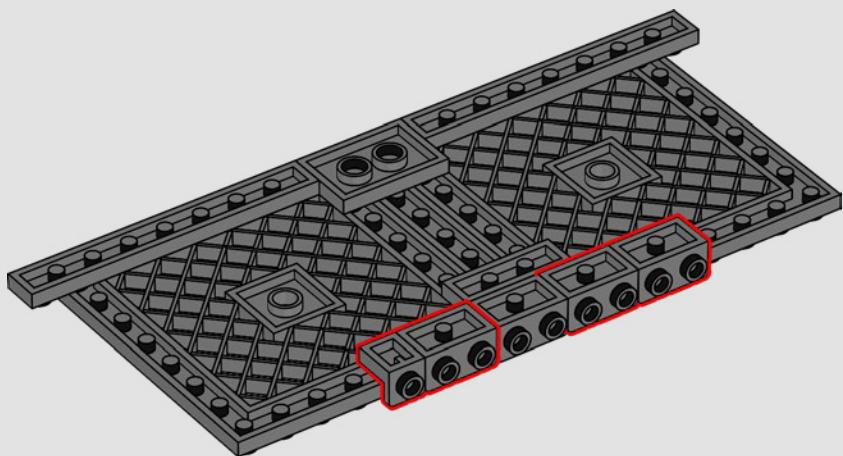


3x



1x

305



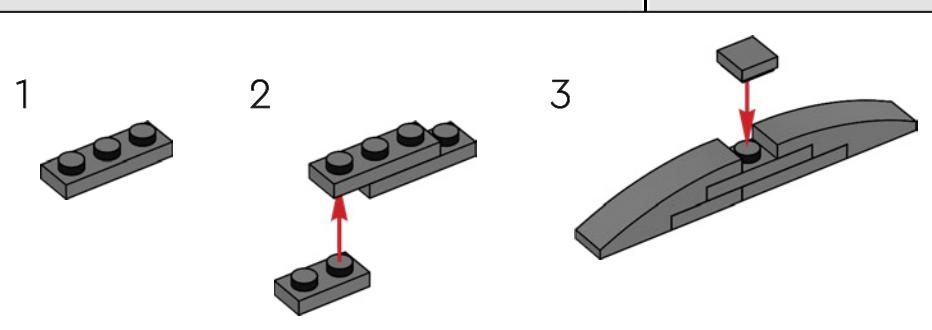
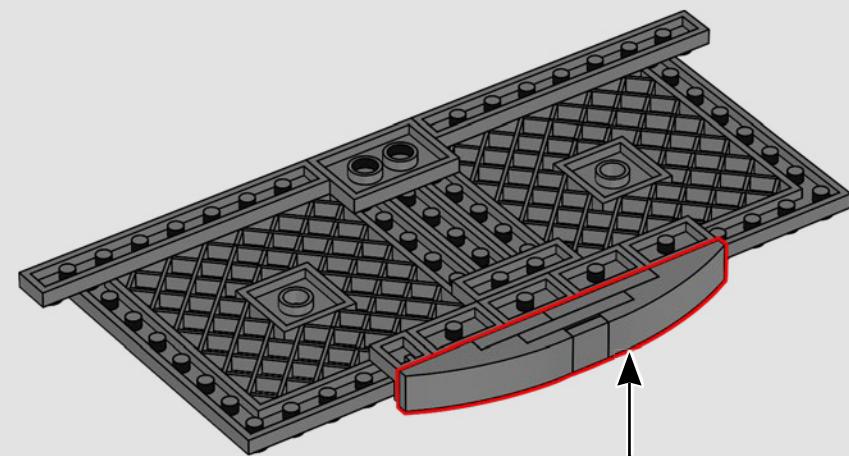
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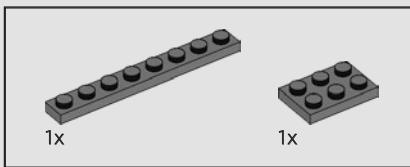
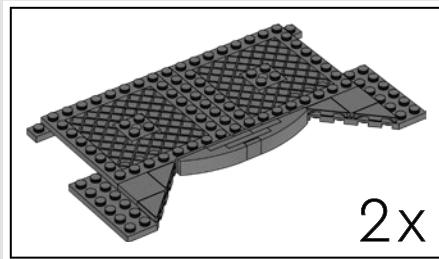
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2x

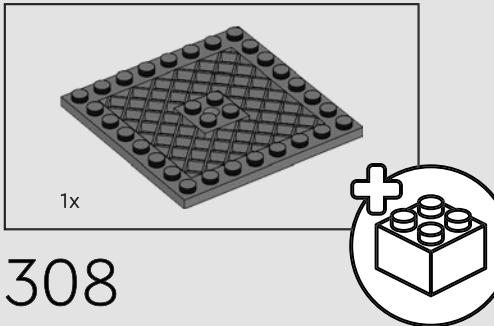
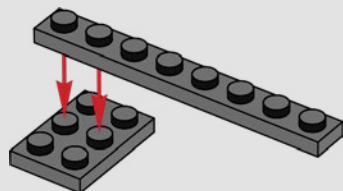
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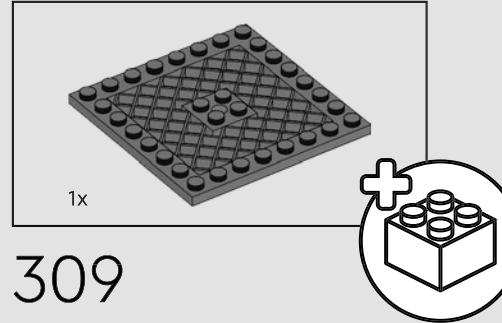
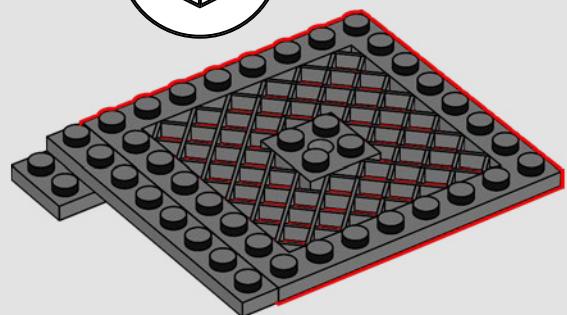




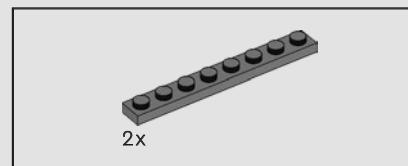
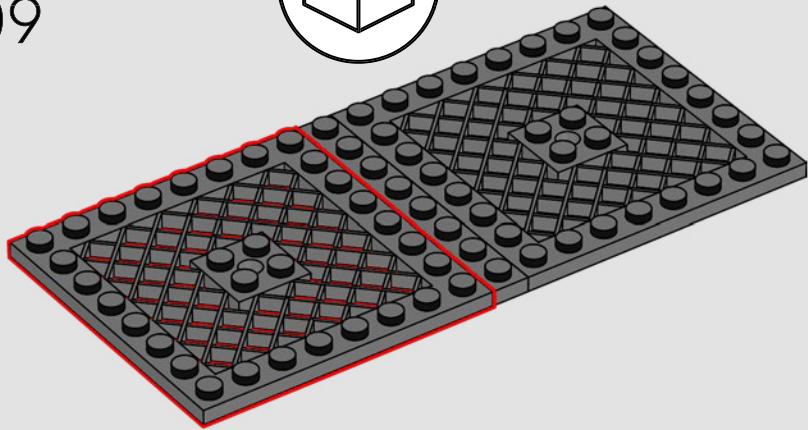
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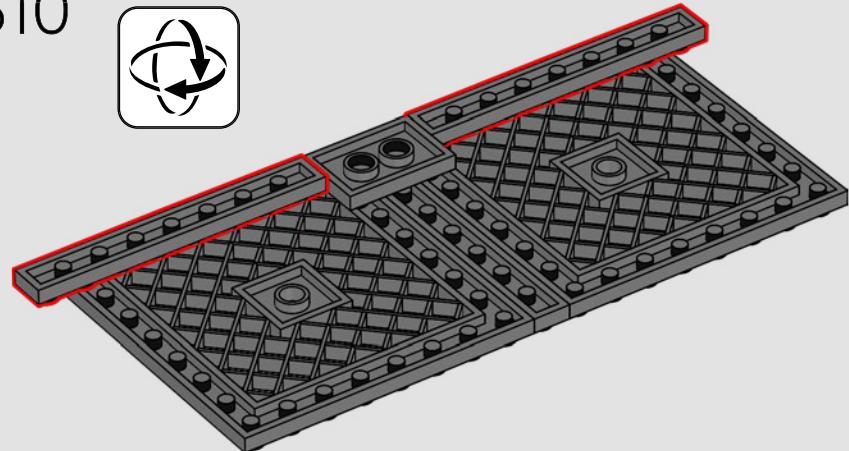
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309

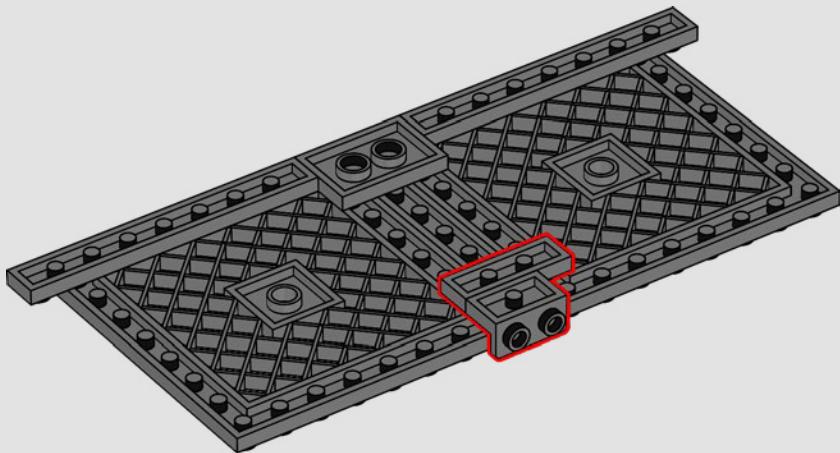


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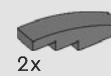
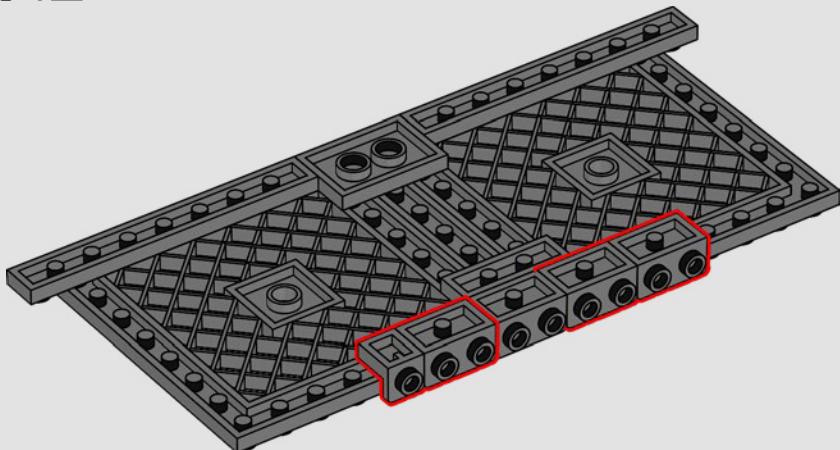




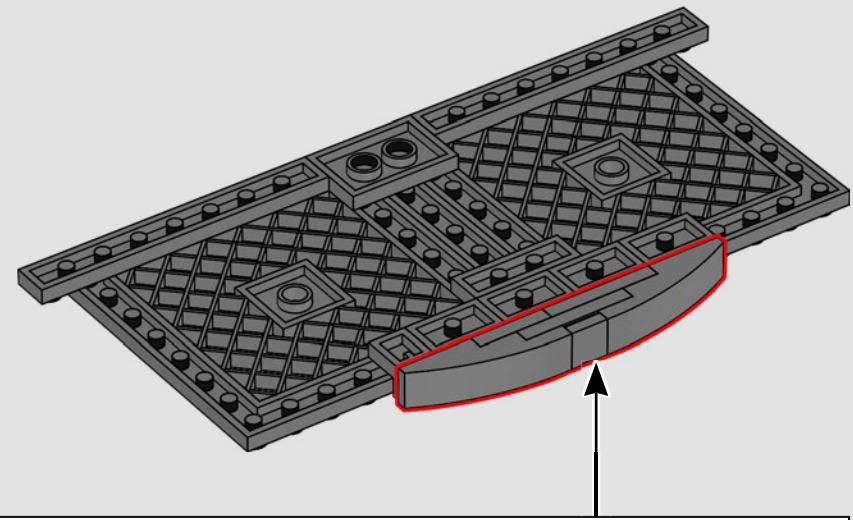
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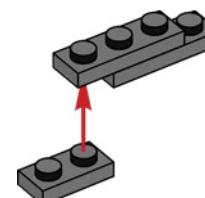
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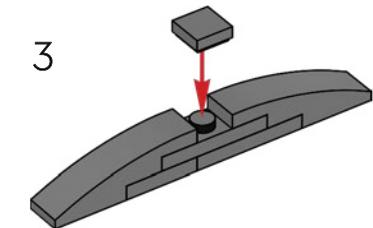
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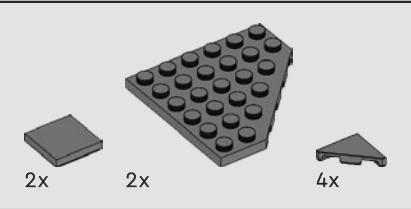


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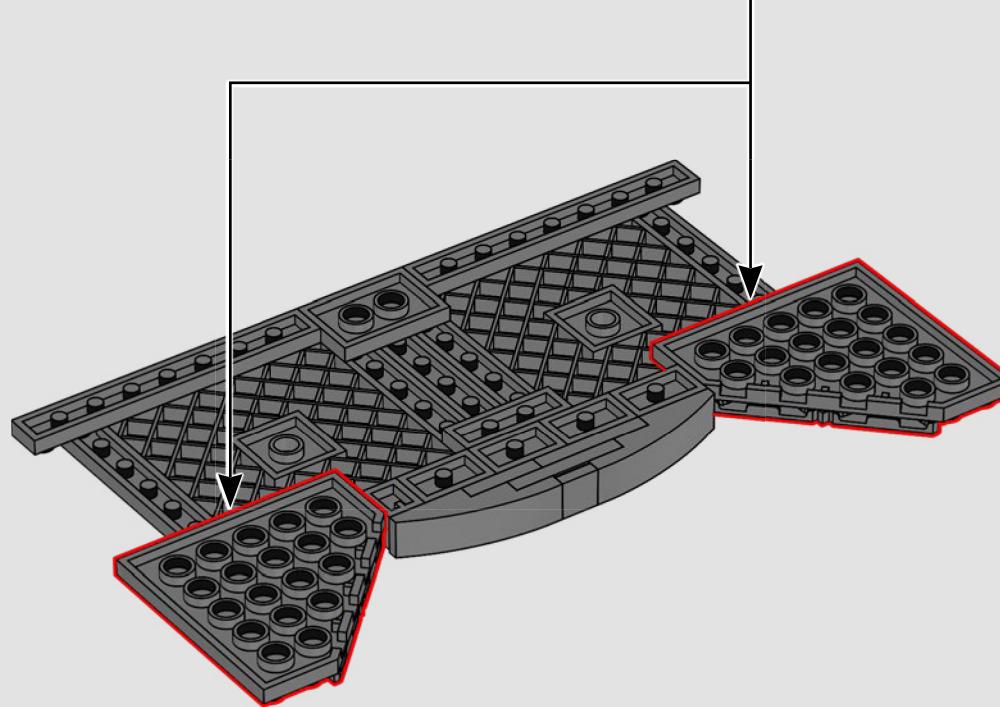
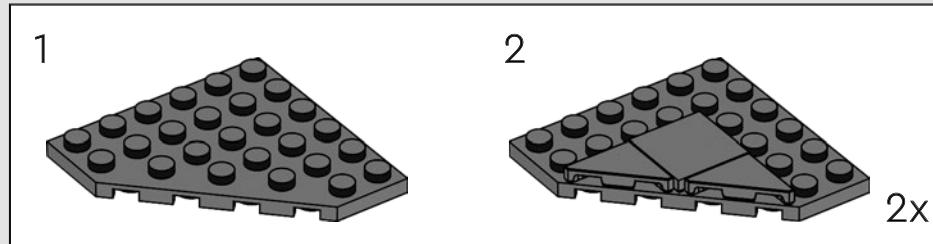


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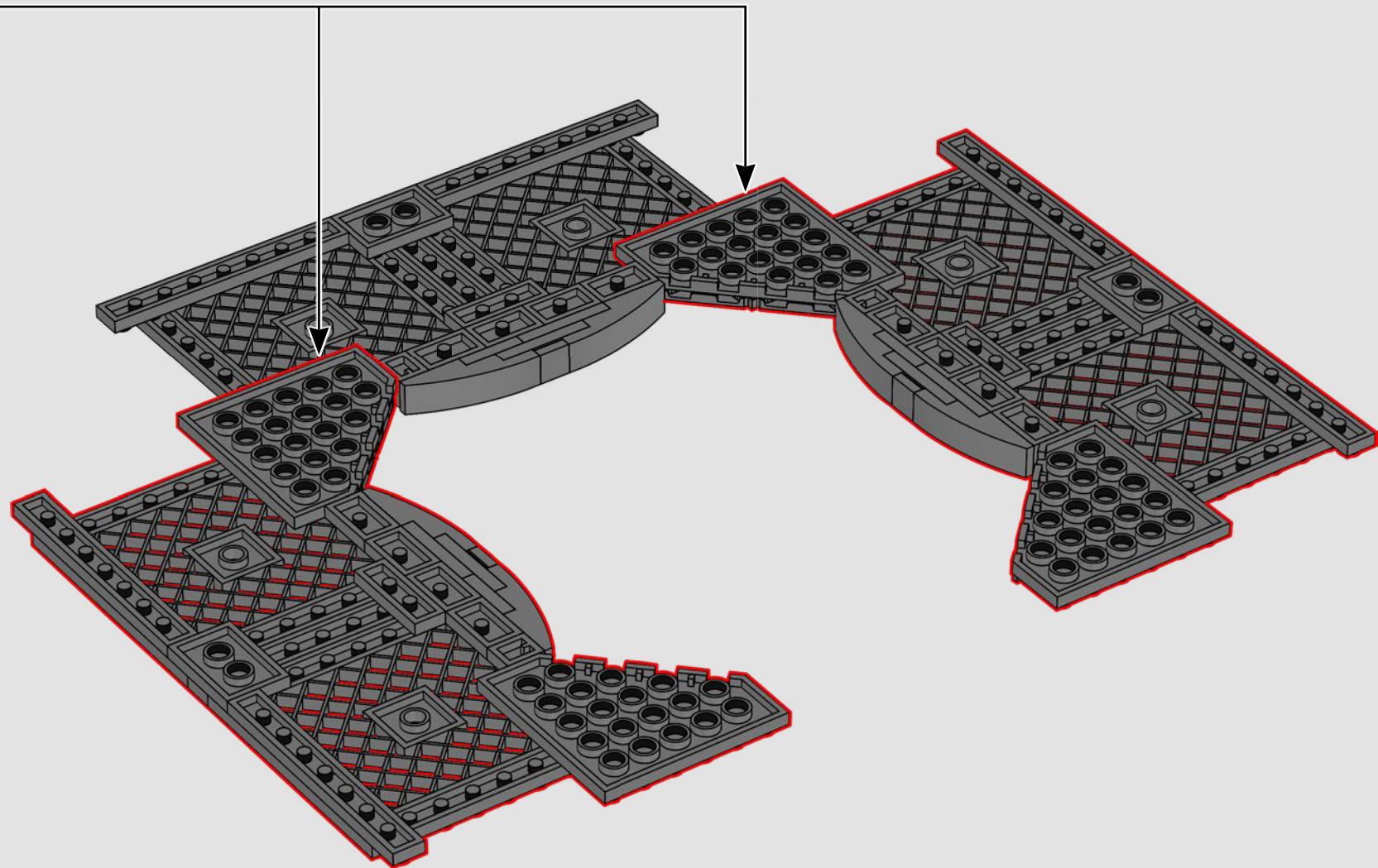


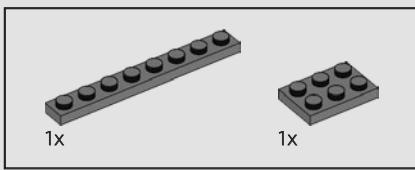
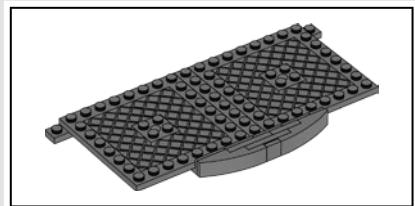


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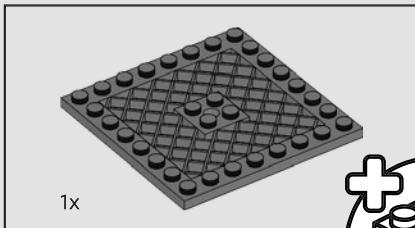
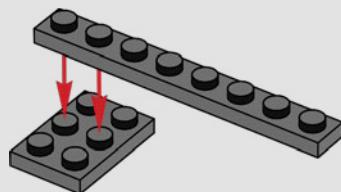


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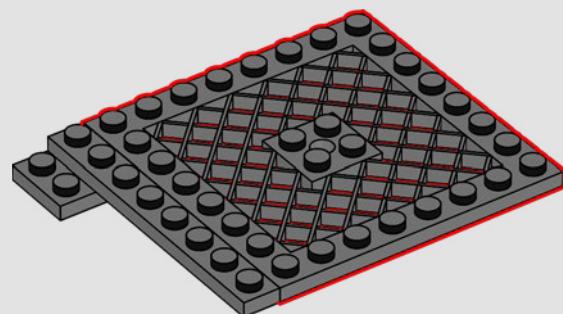
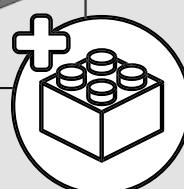




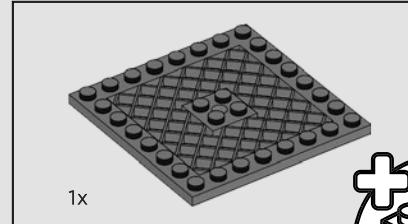
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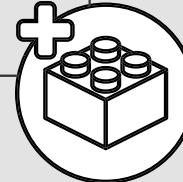
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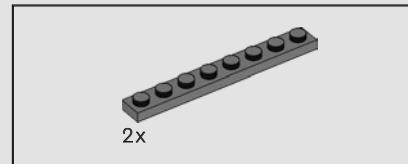
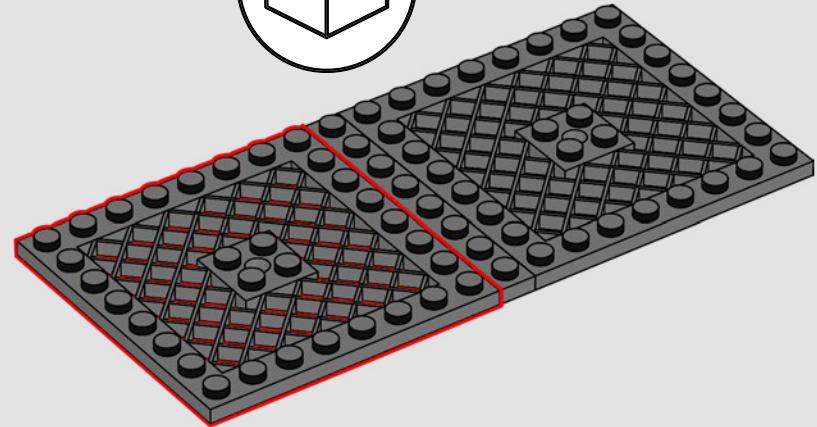
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1x



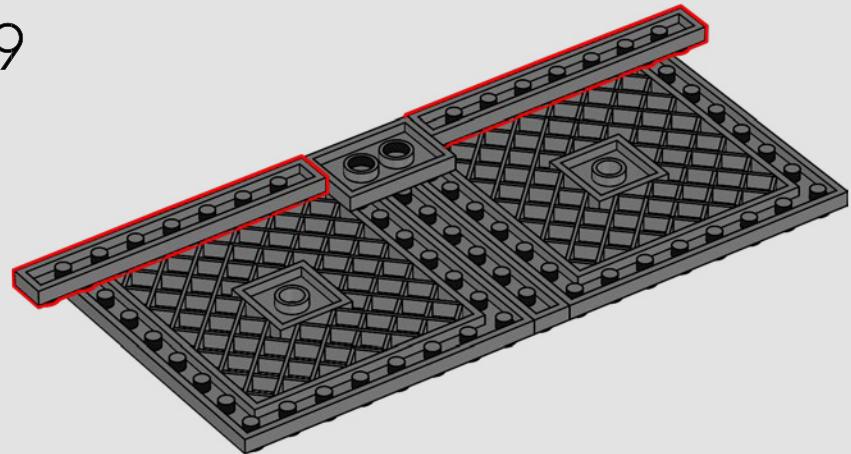
318



2x

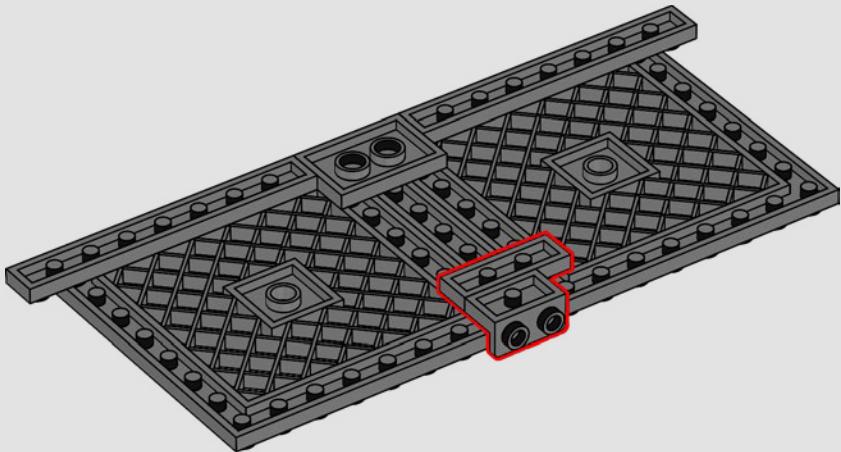


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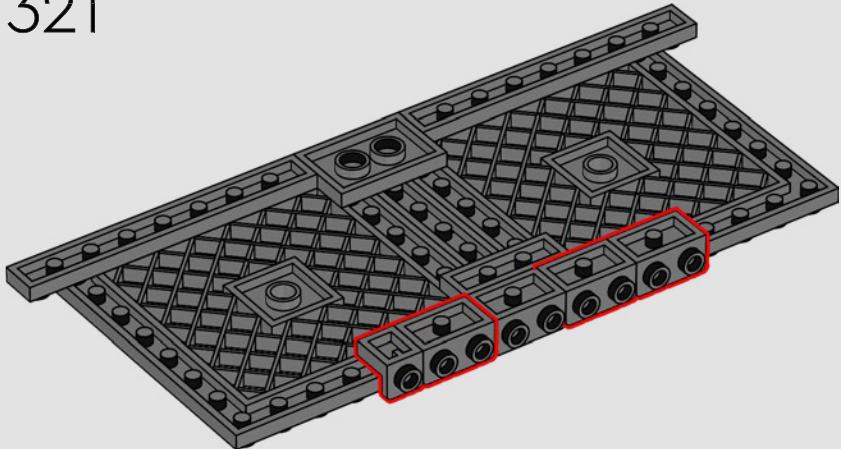




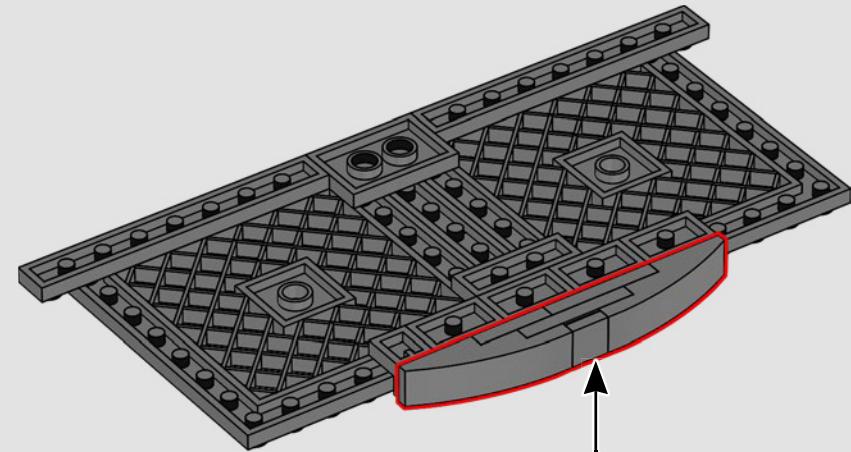
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321



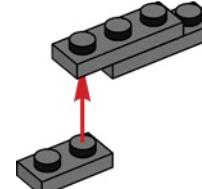
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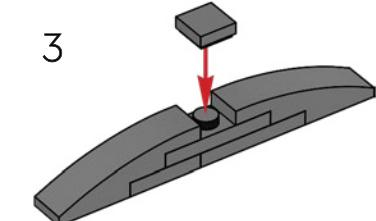
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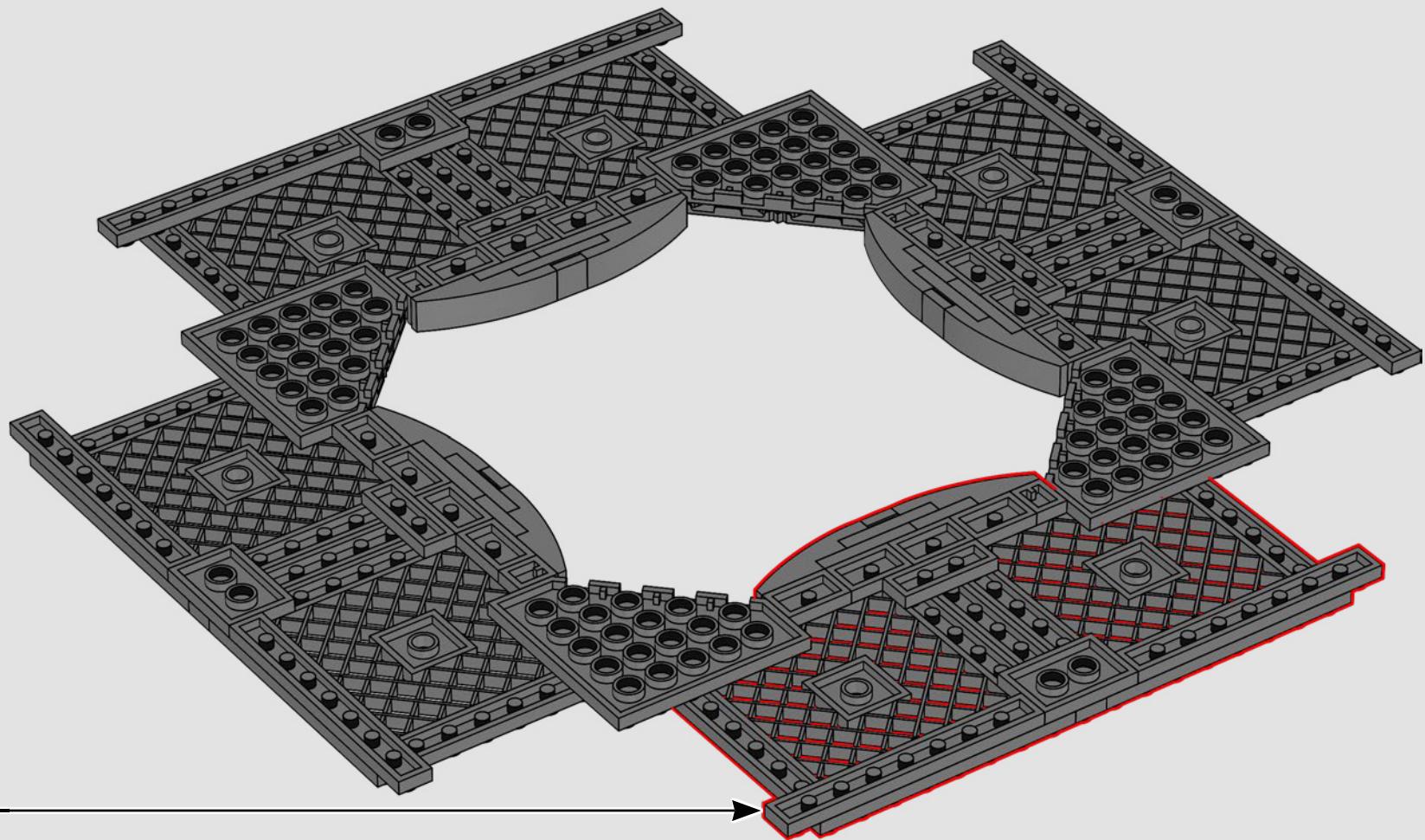
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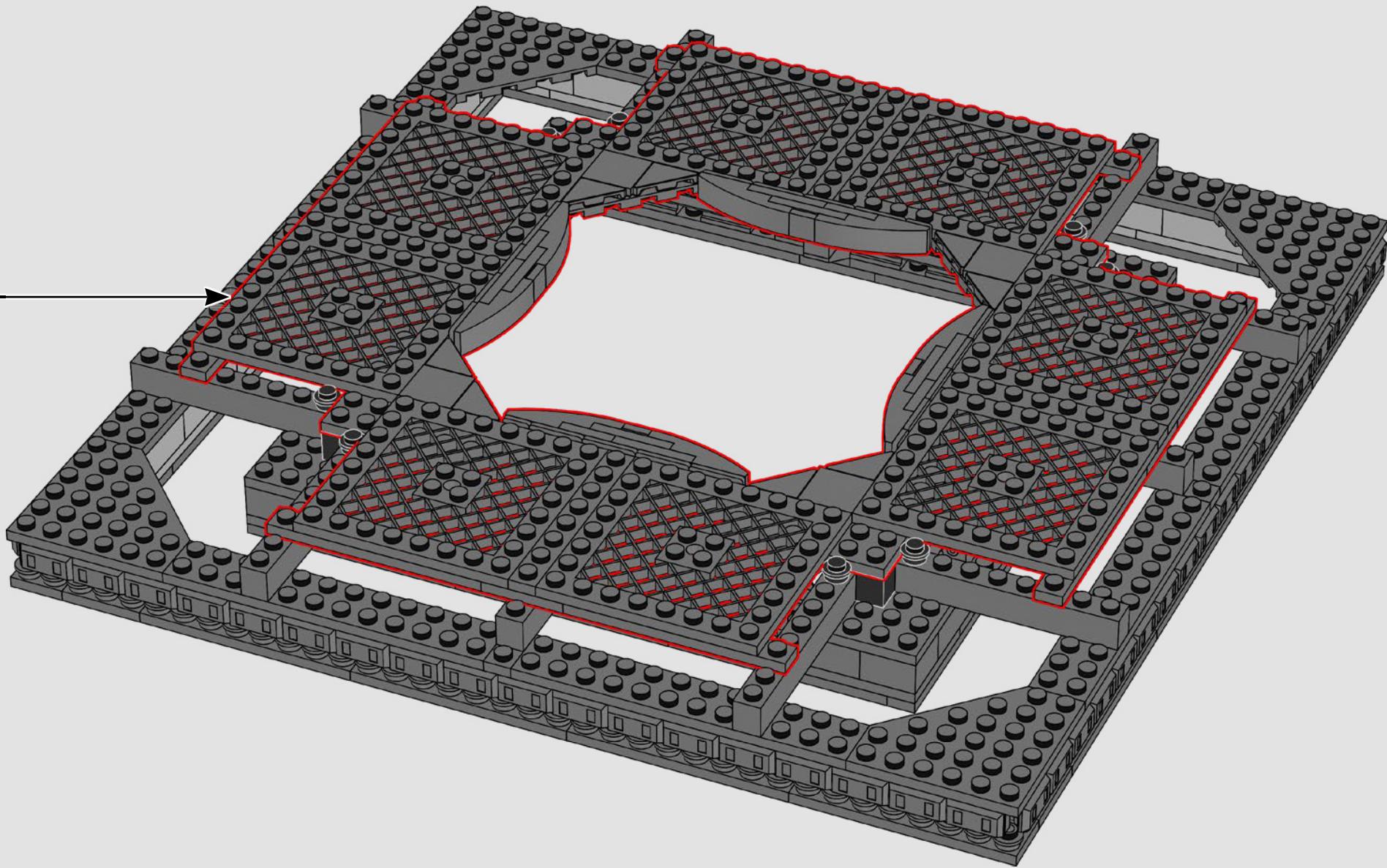
3



323



324







4x

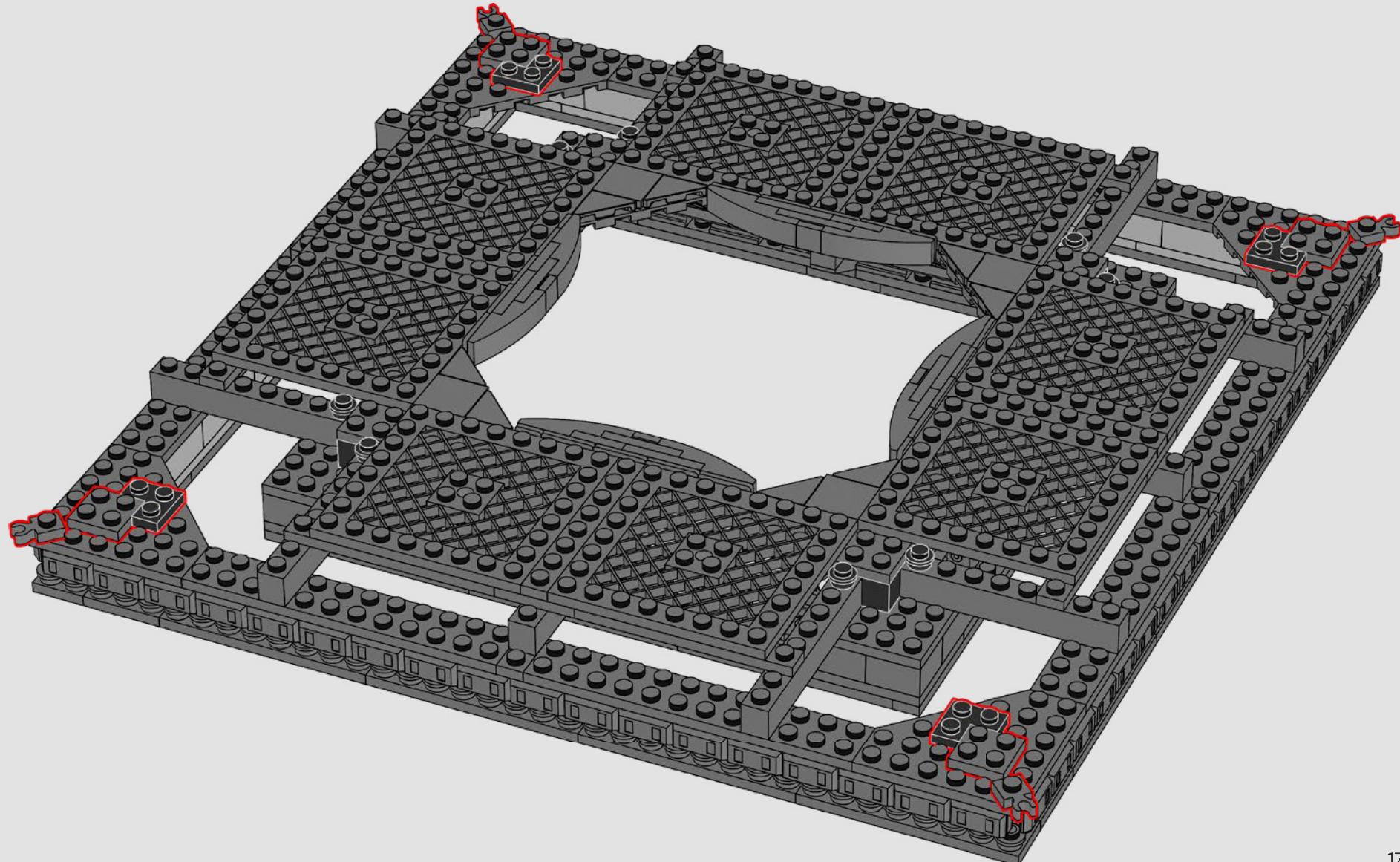


4x



4x

325



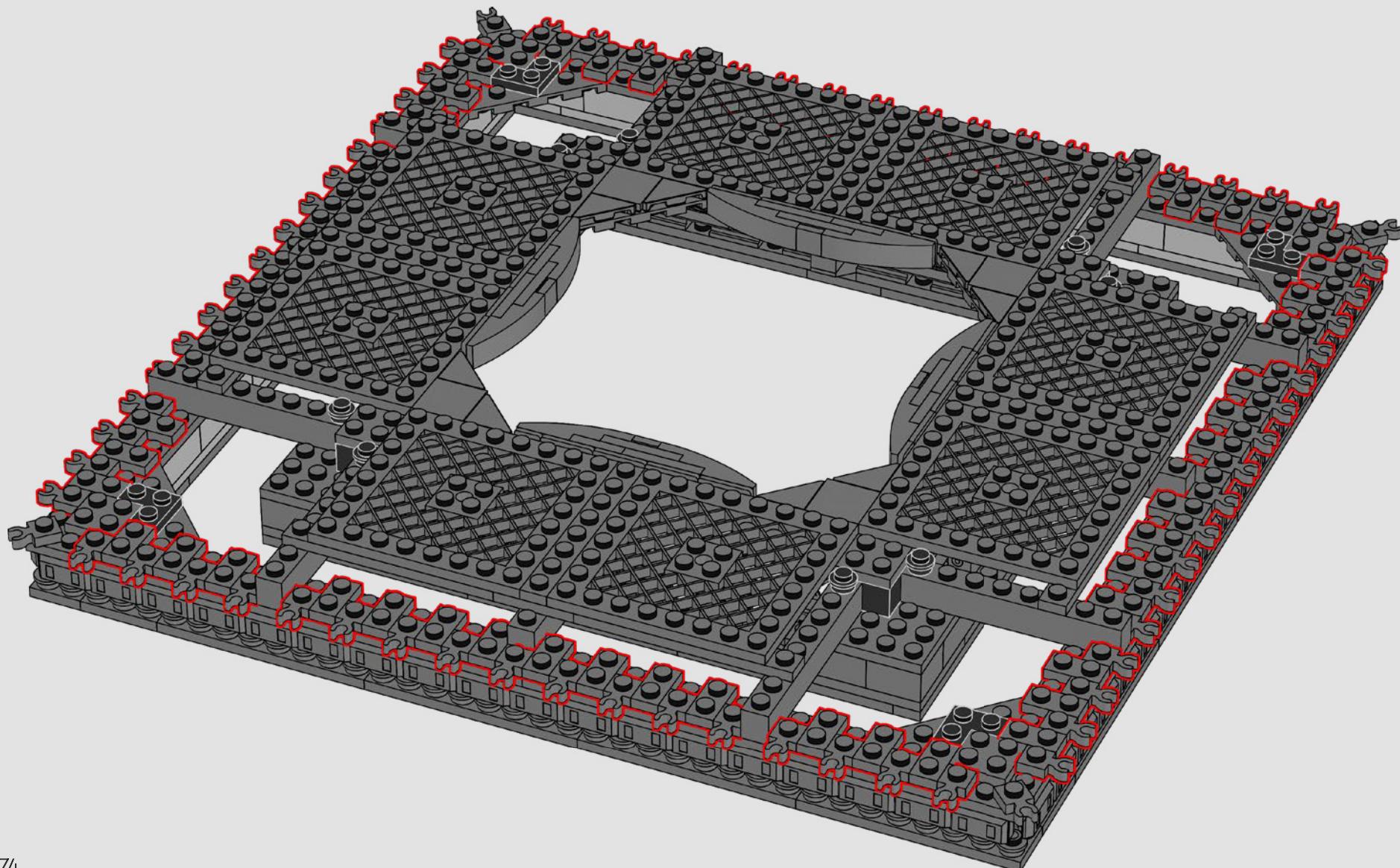


56x



68x

326





4x

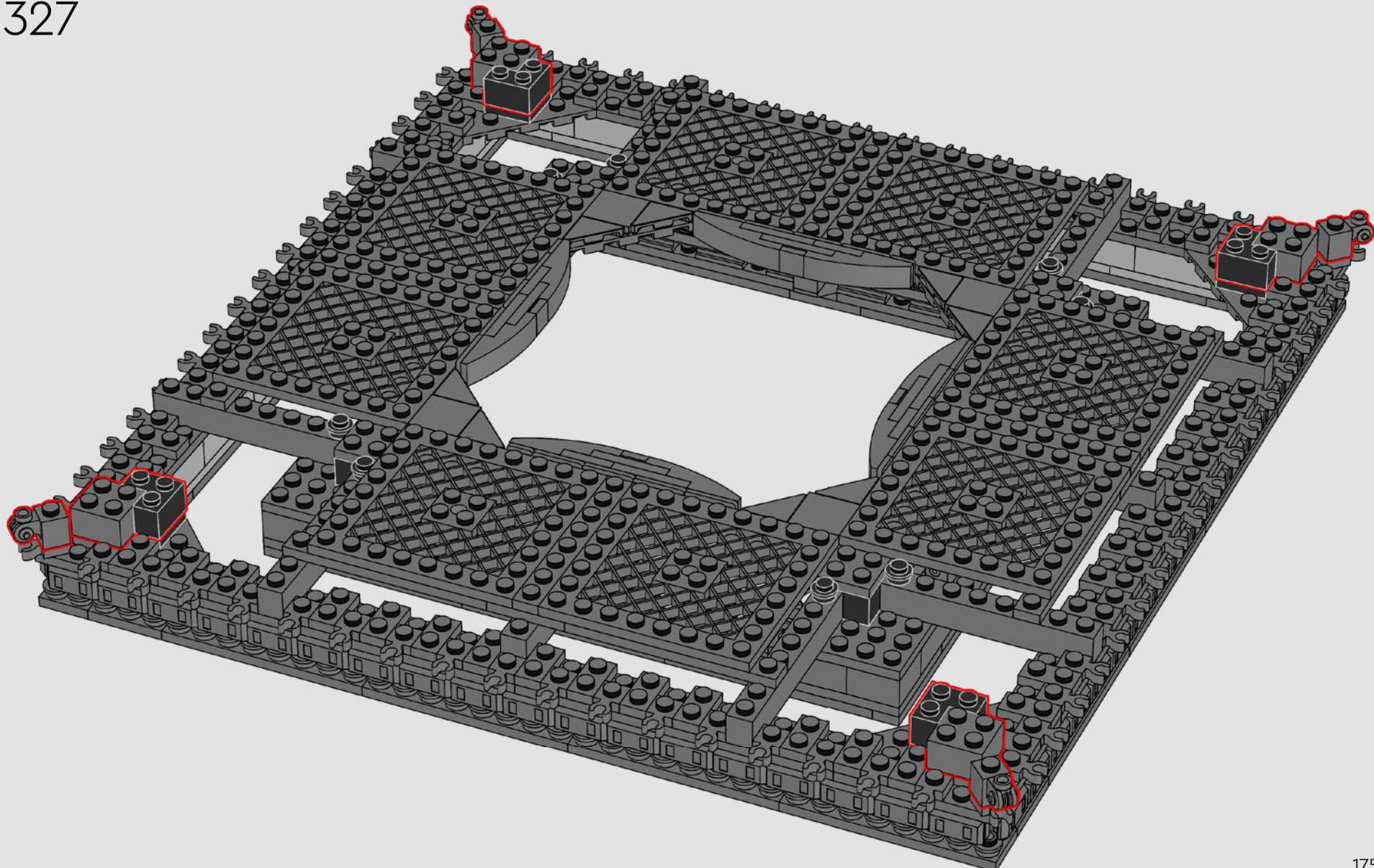


4x



4x

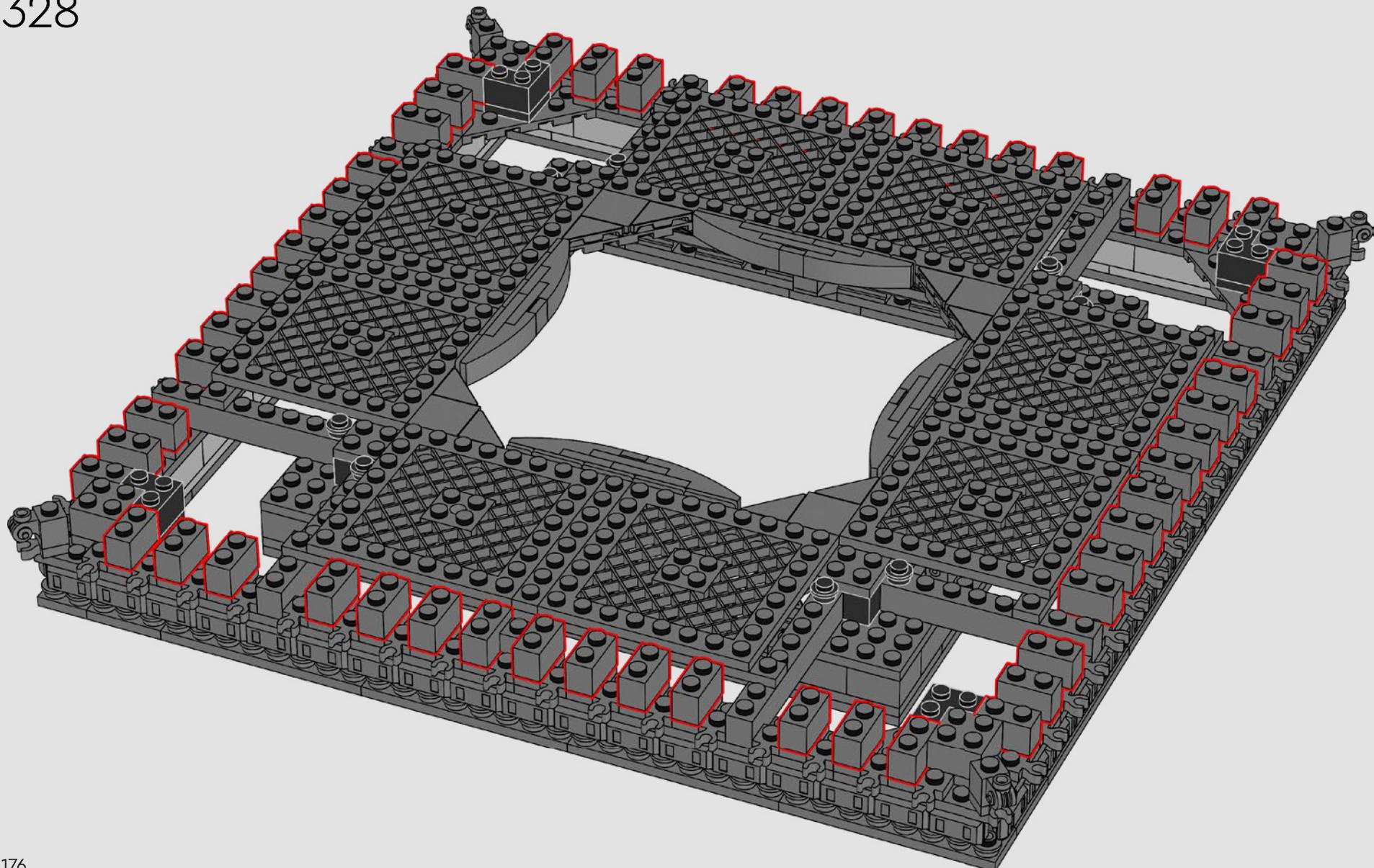
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56x

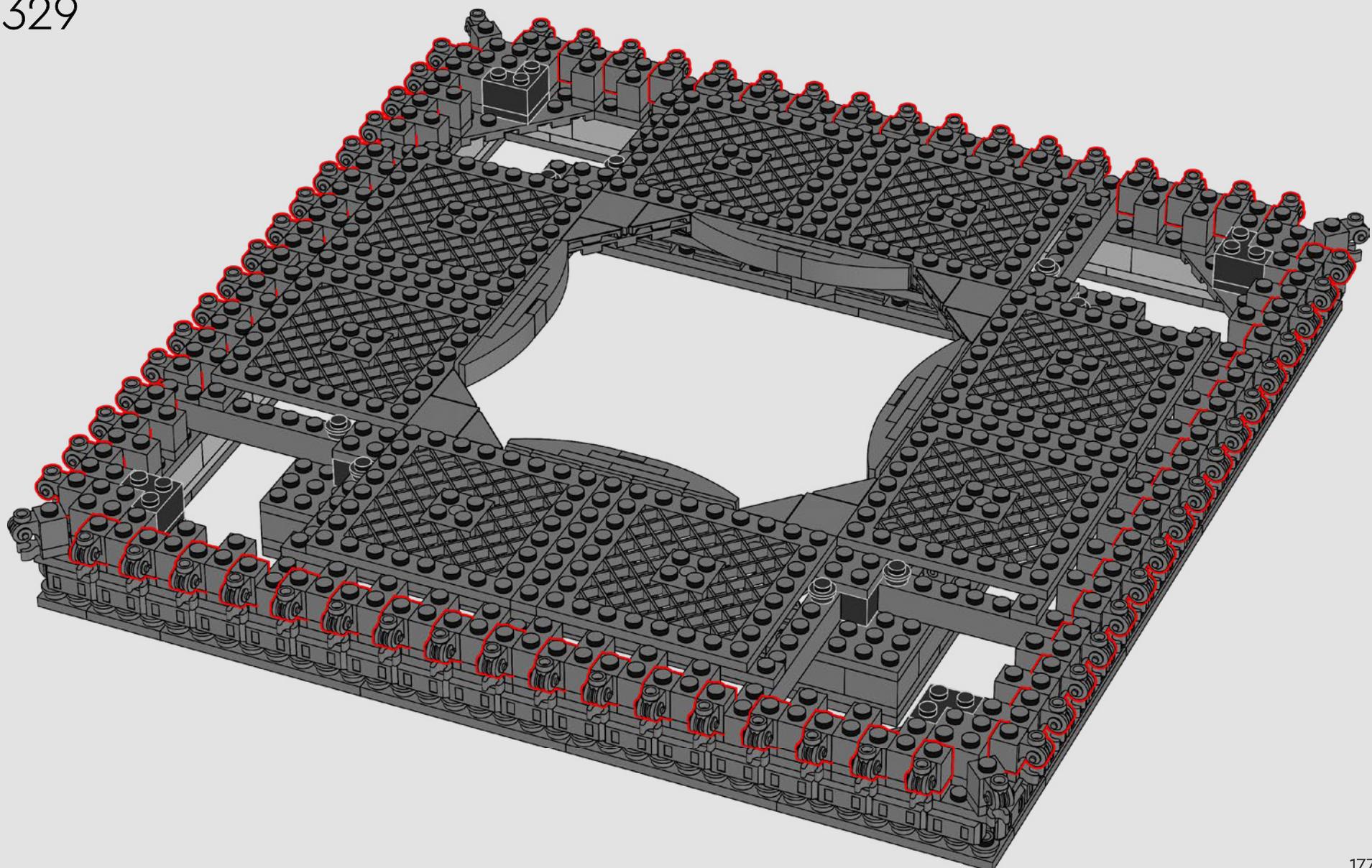
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68x

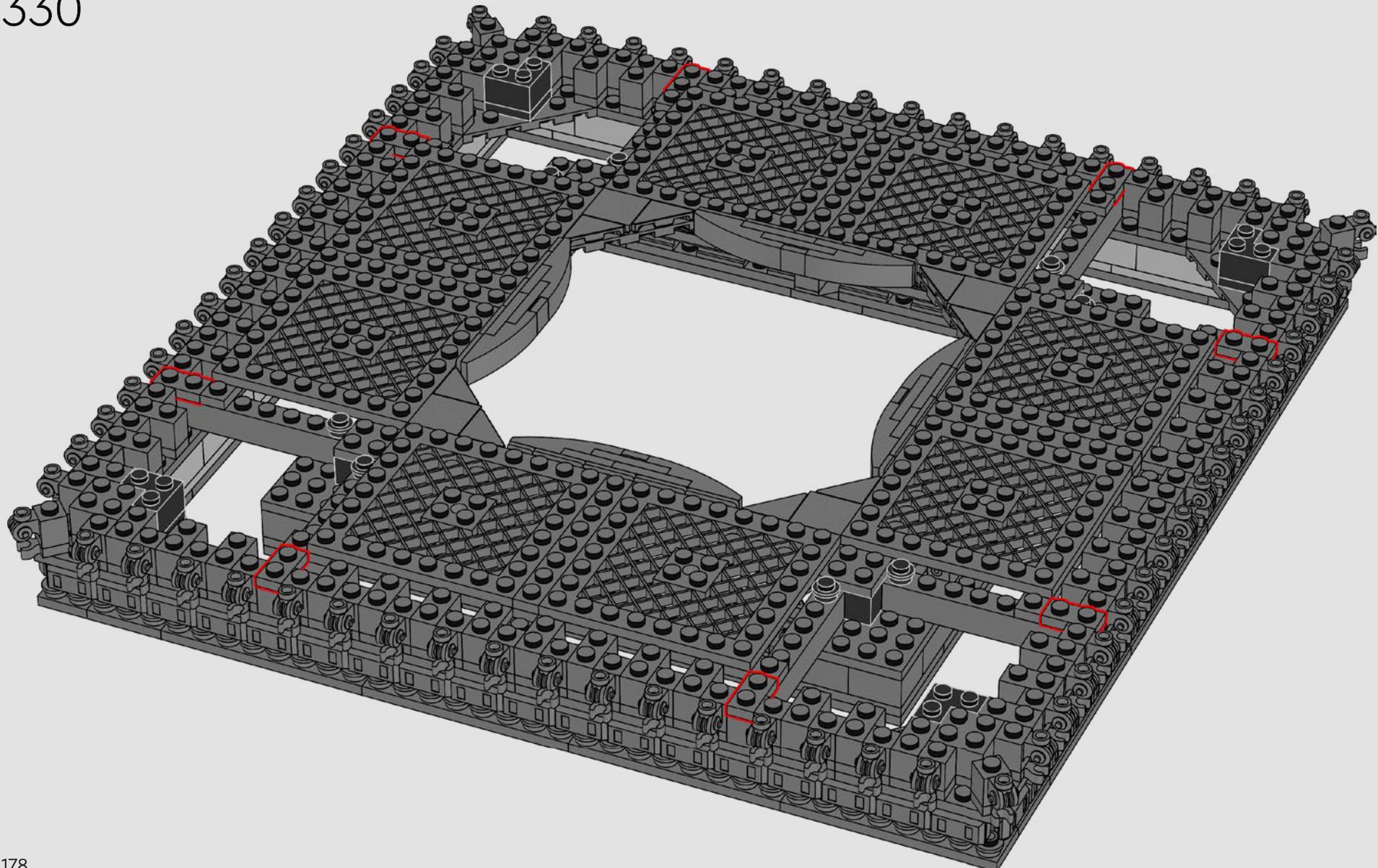
329





8x

330

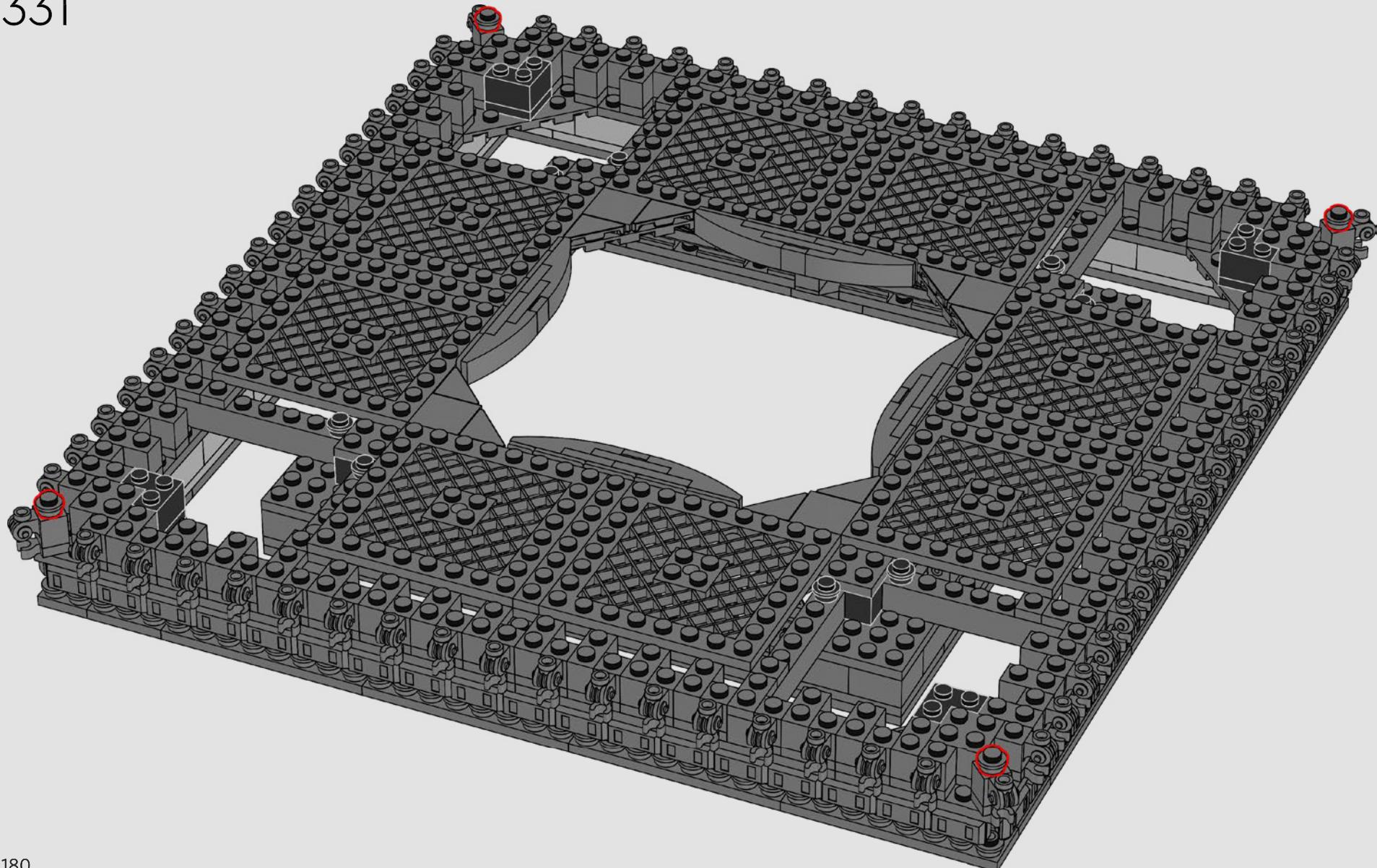






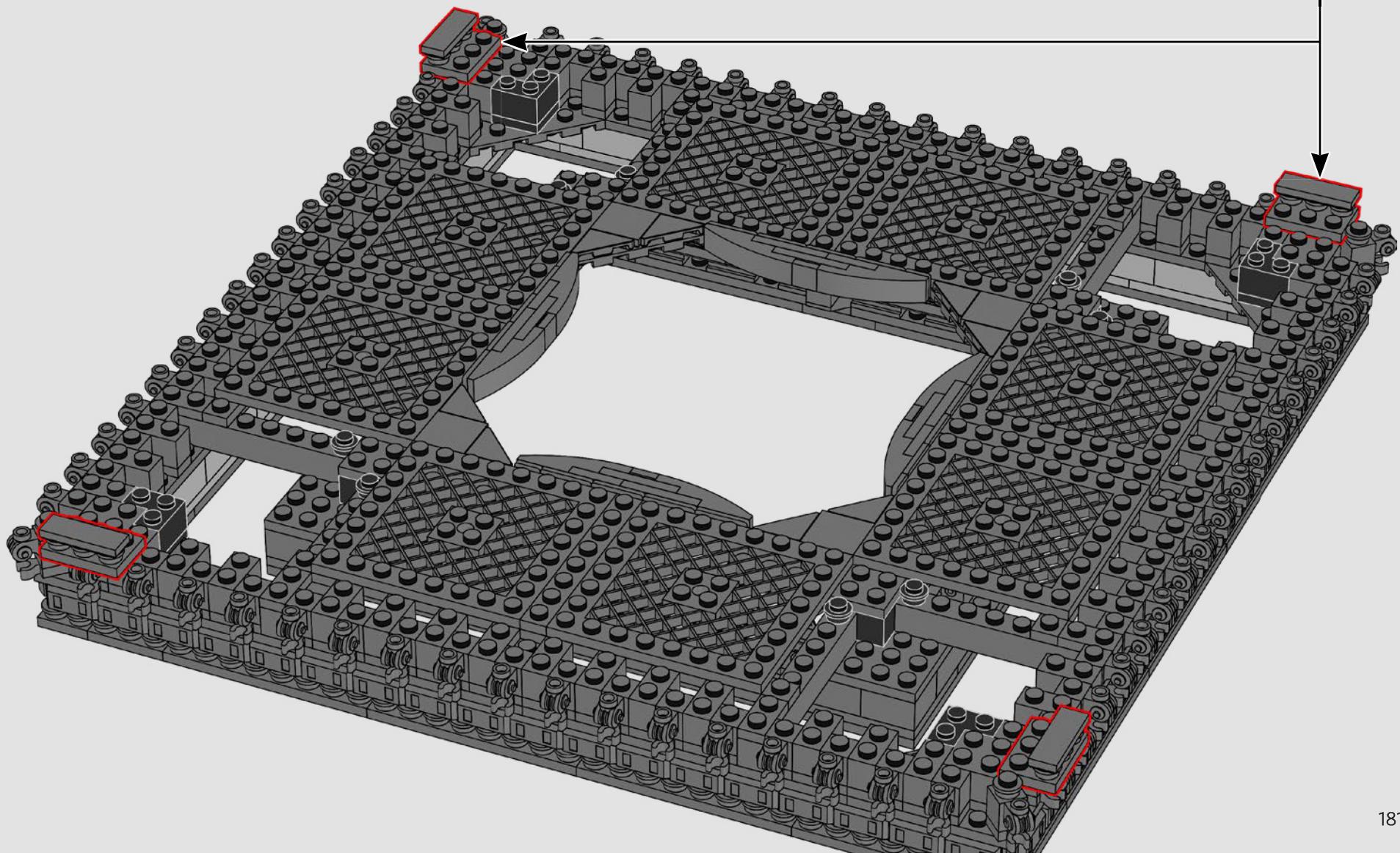
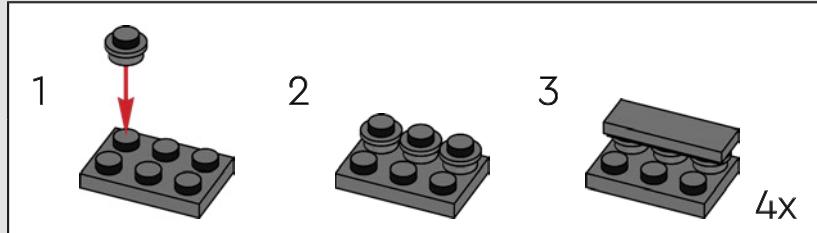
4x

331



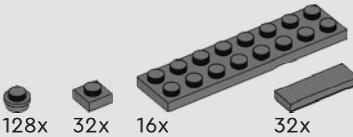


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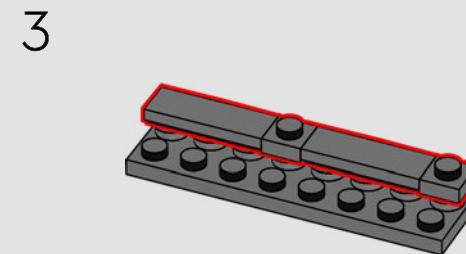
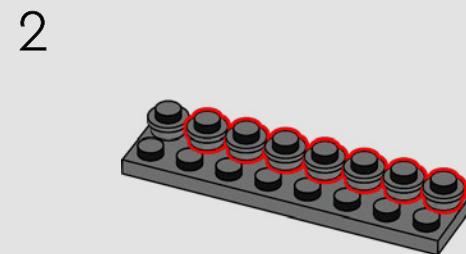
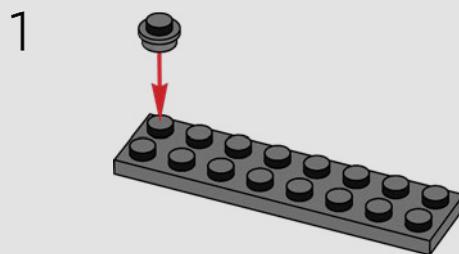




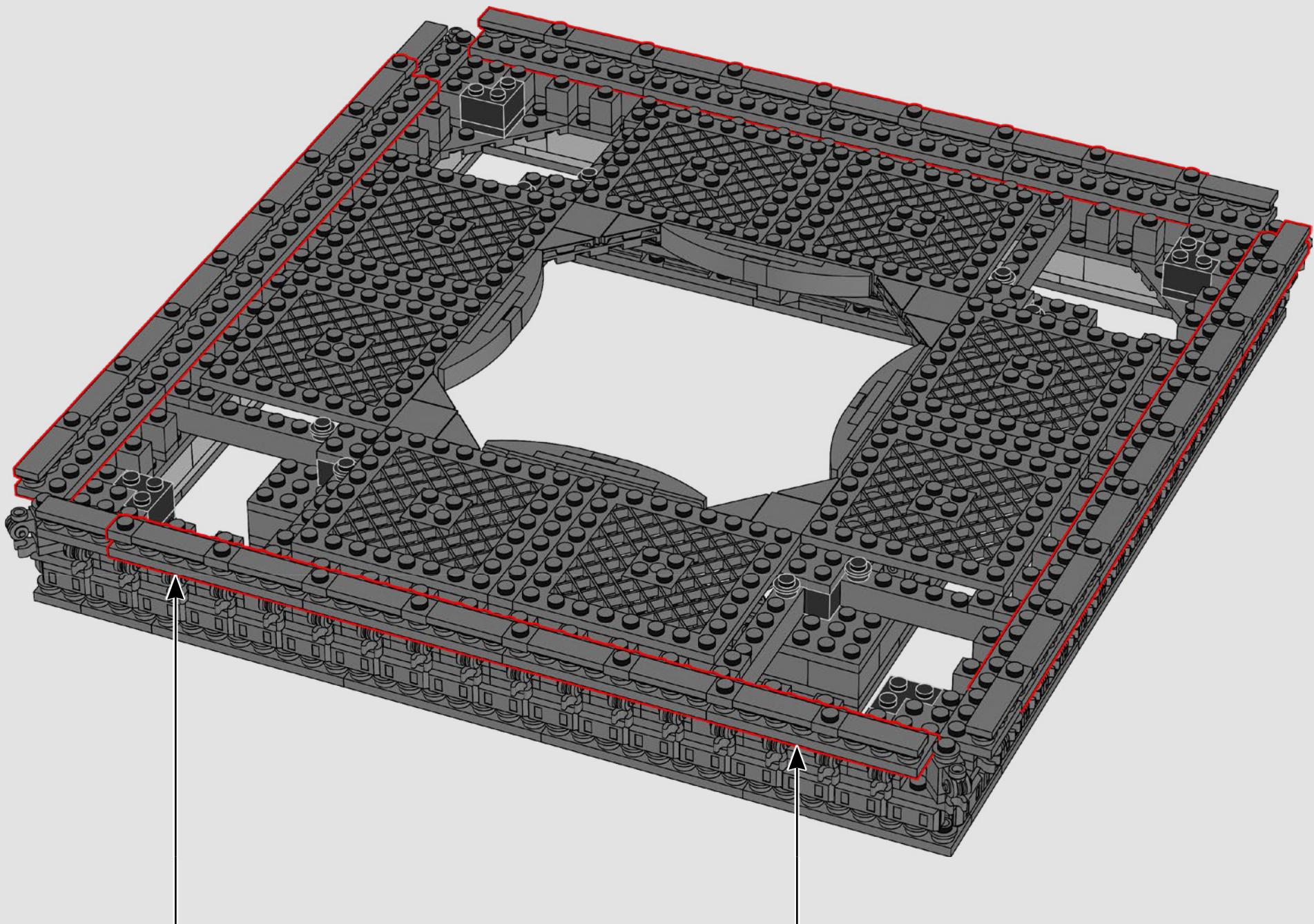
16x



333



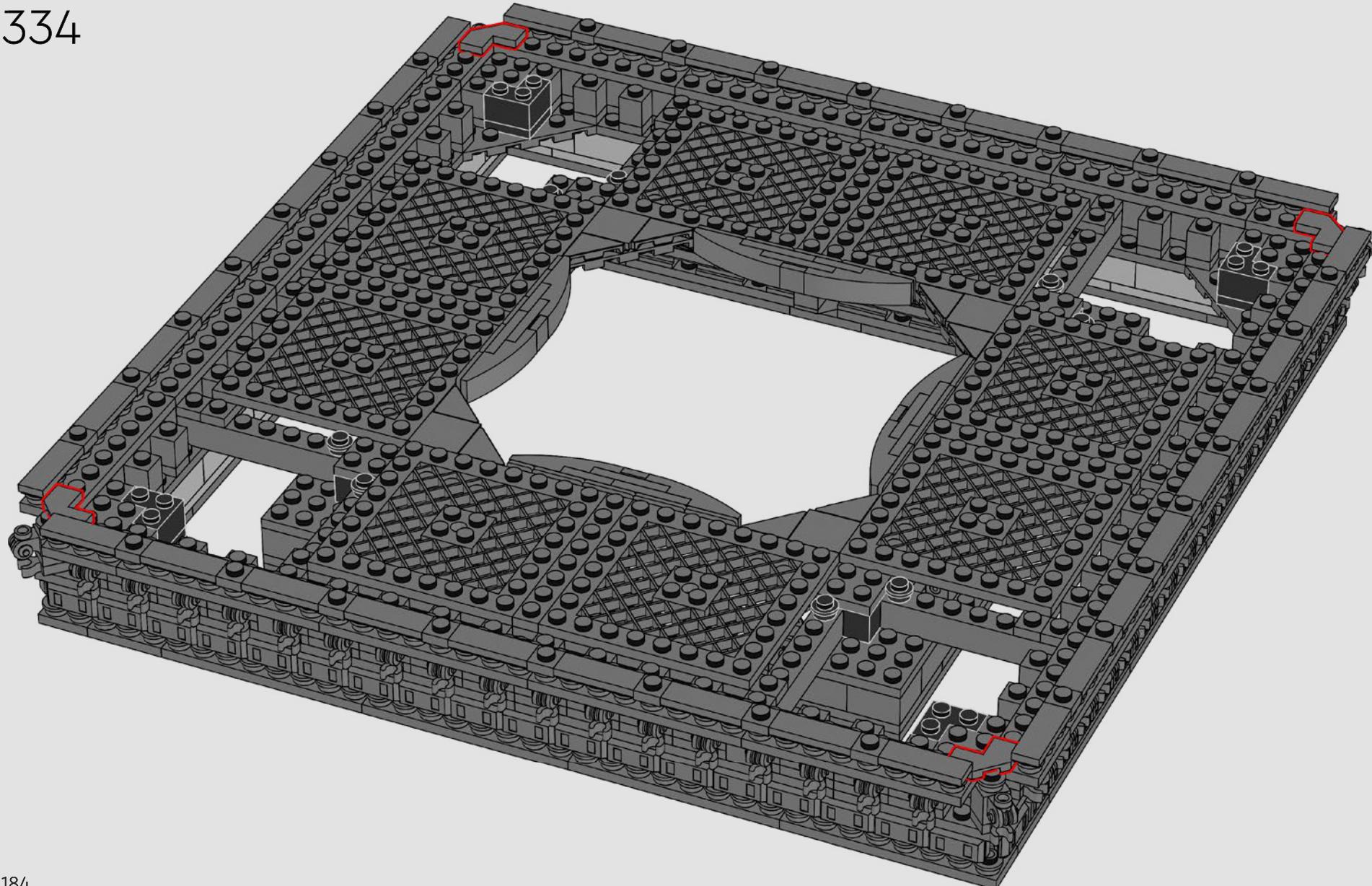
16x





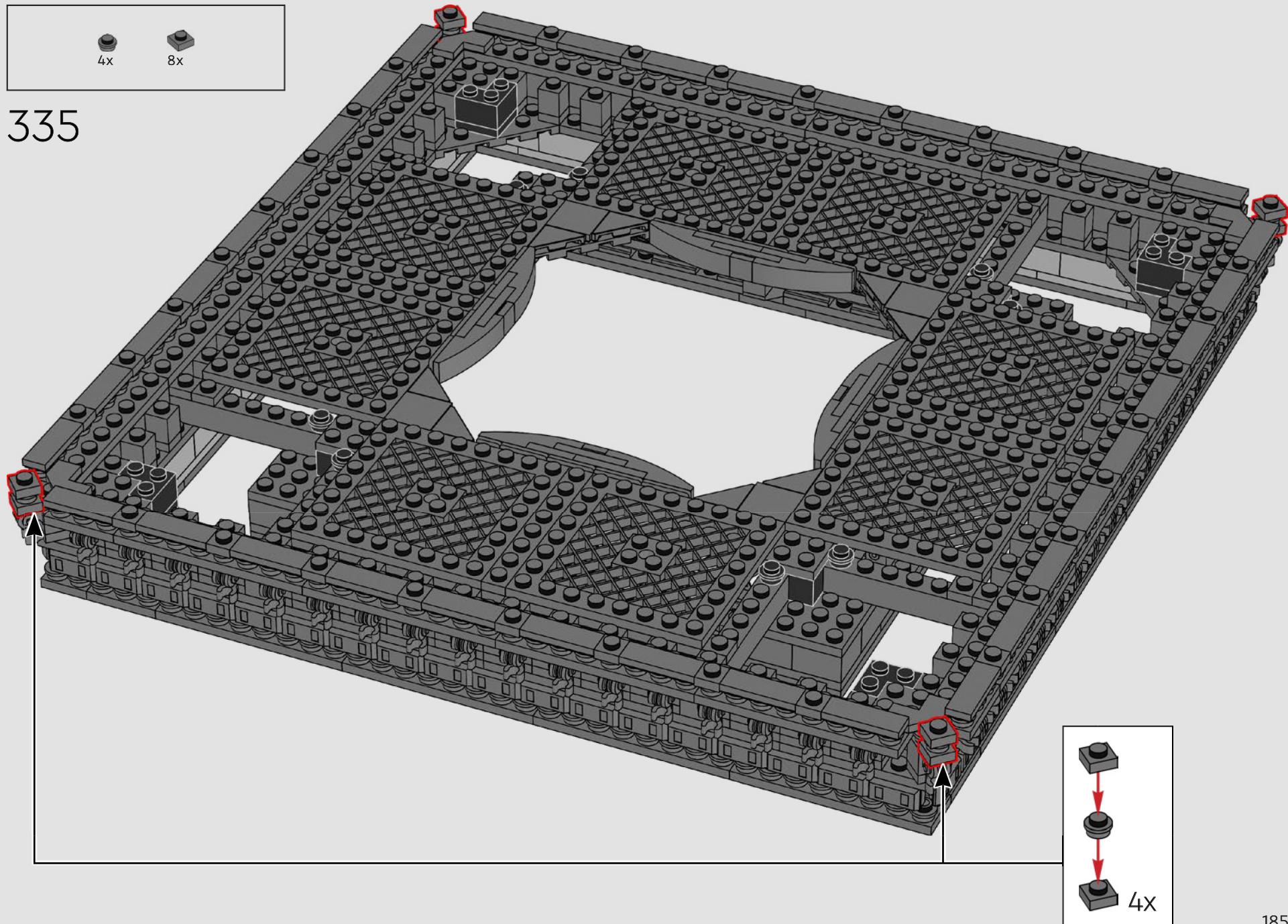
4x

334



 4x  8x

335

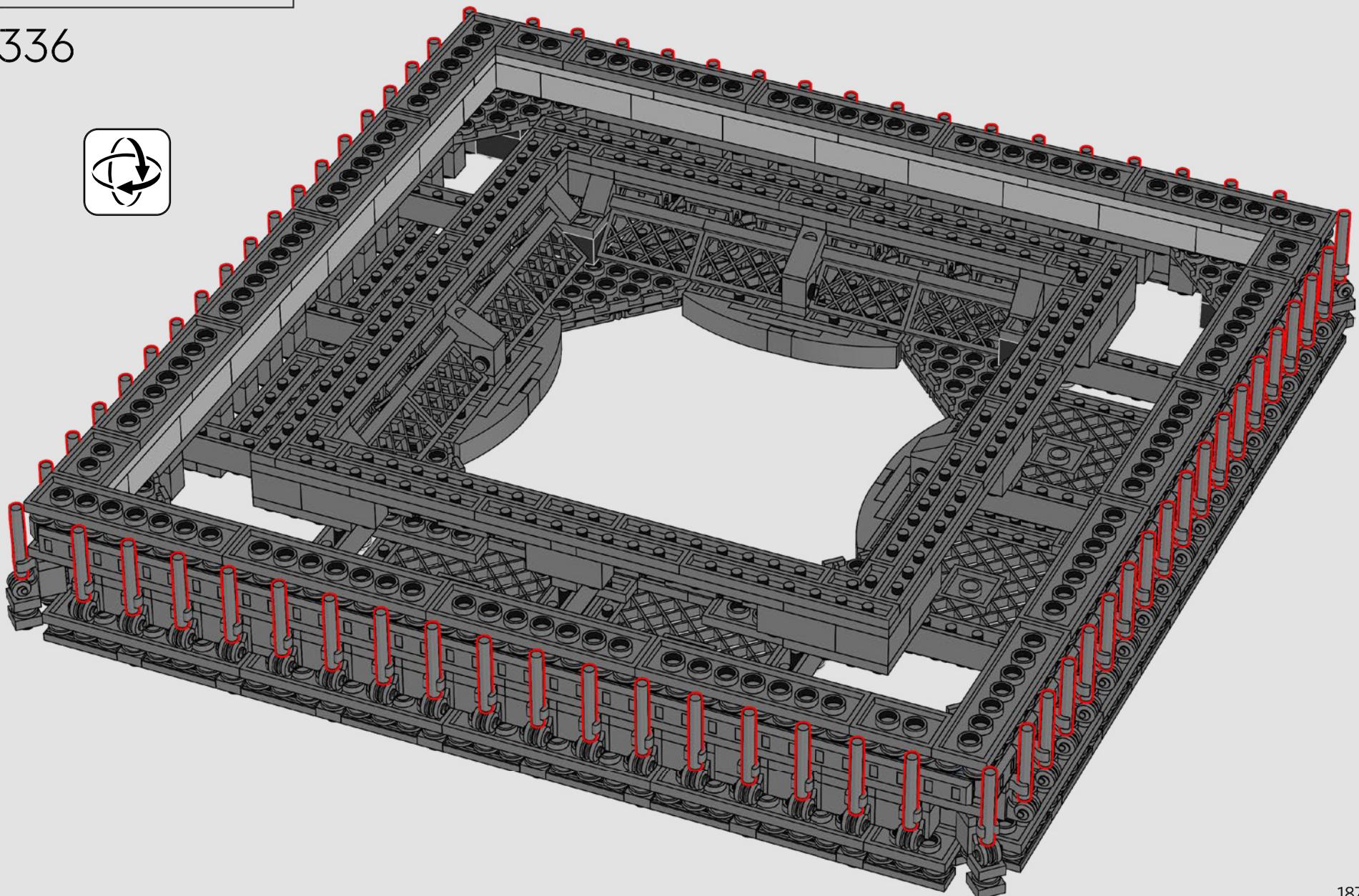


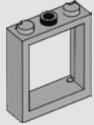




72x

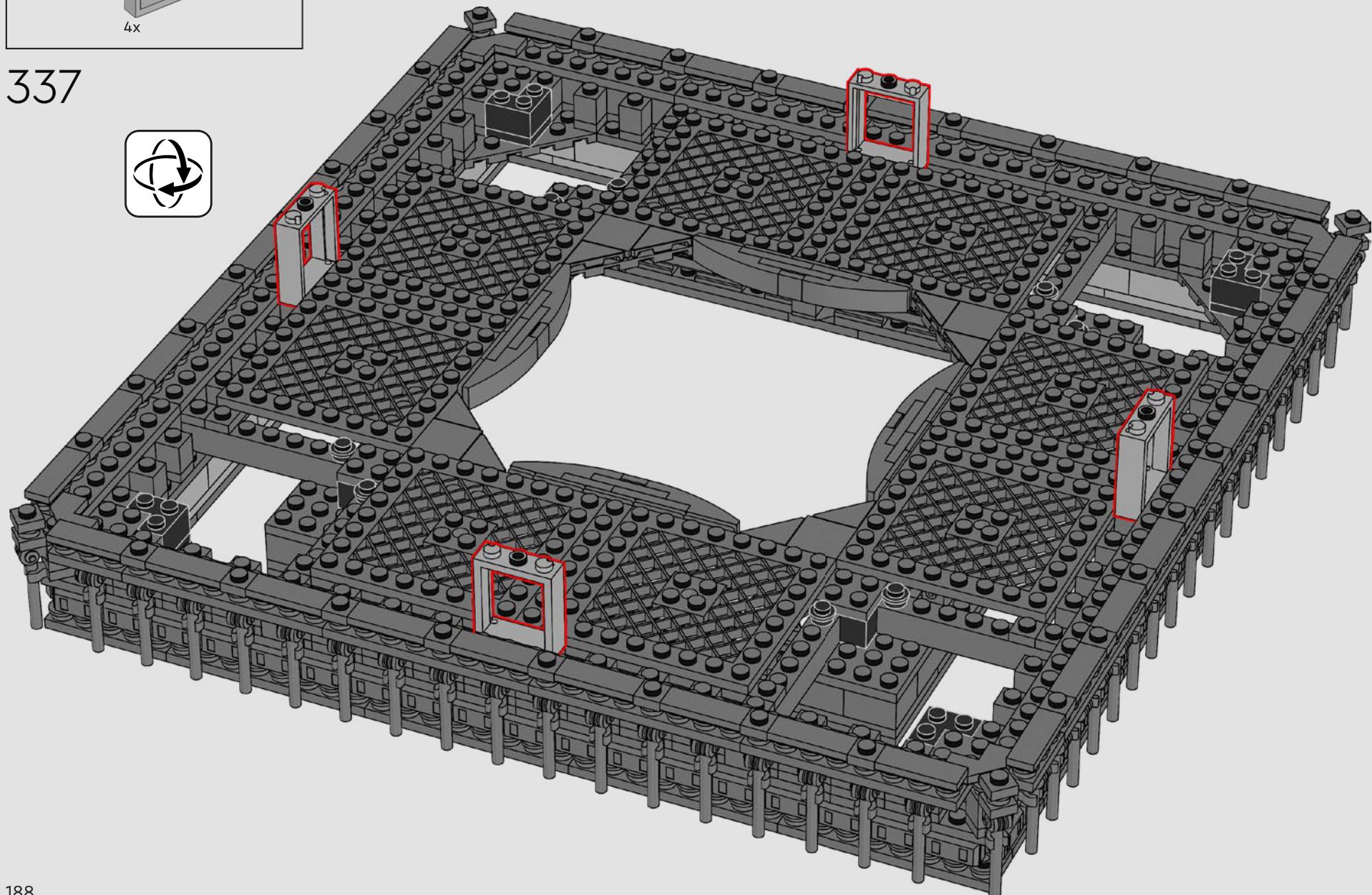
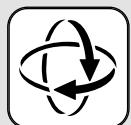
336





4x

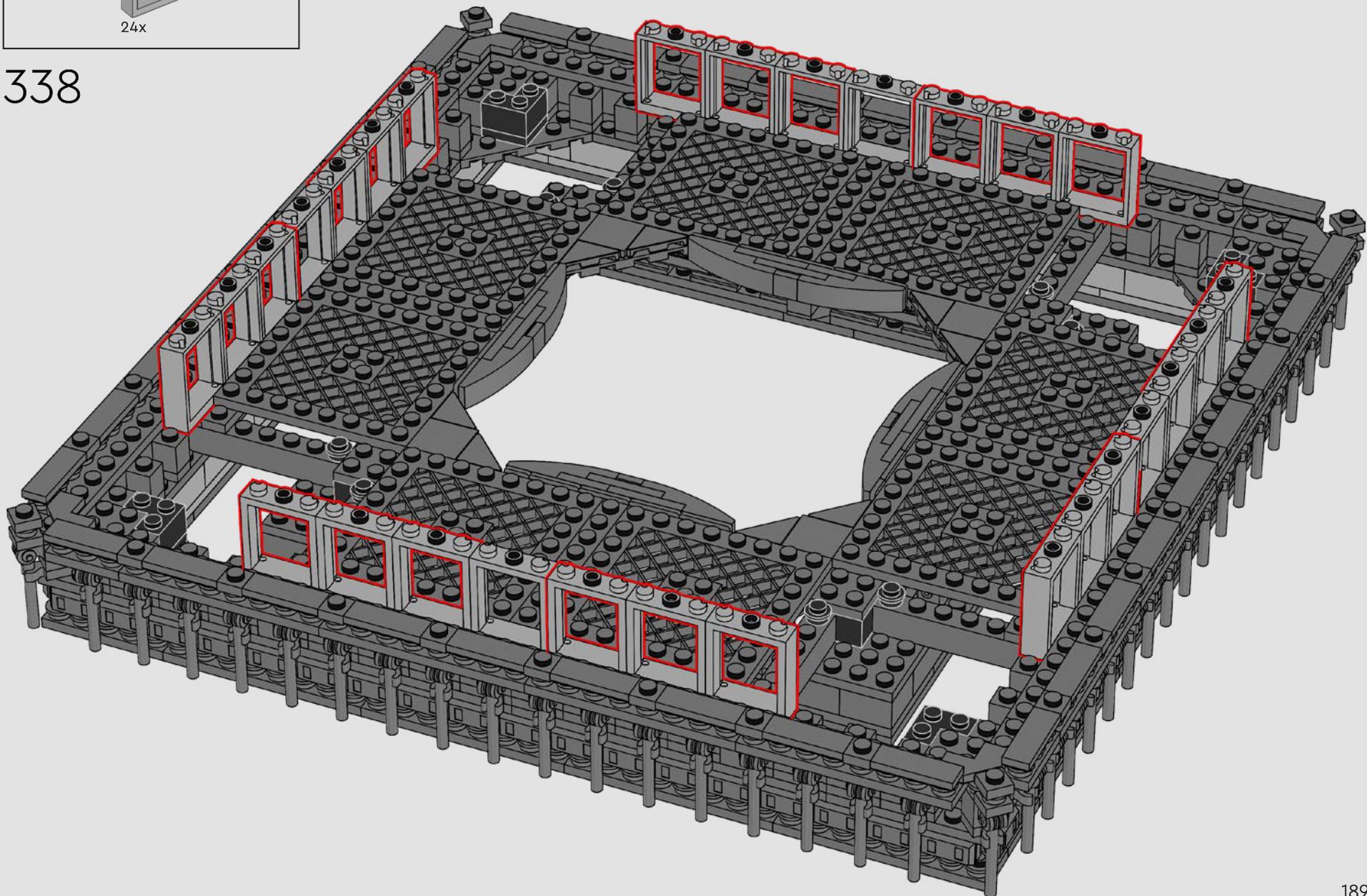
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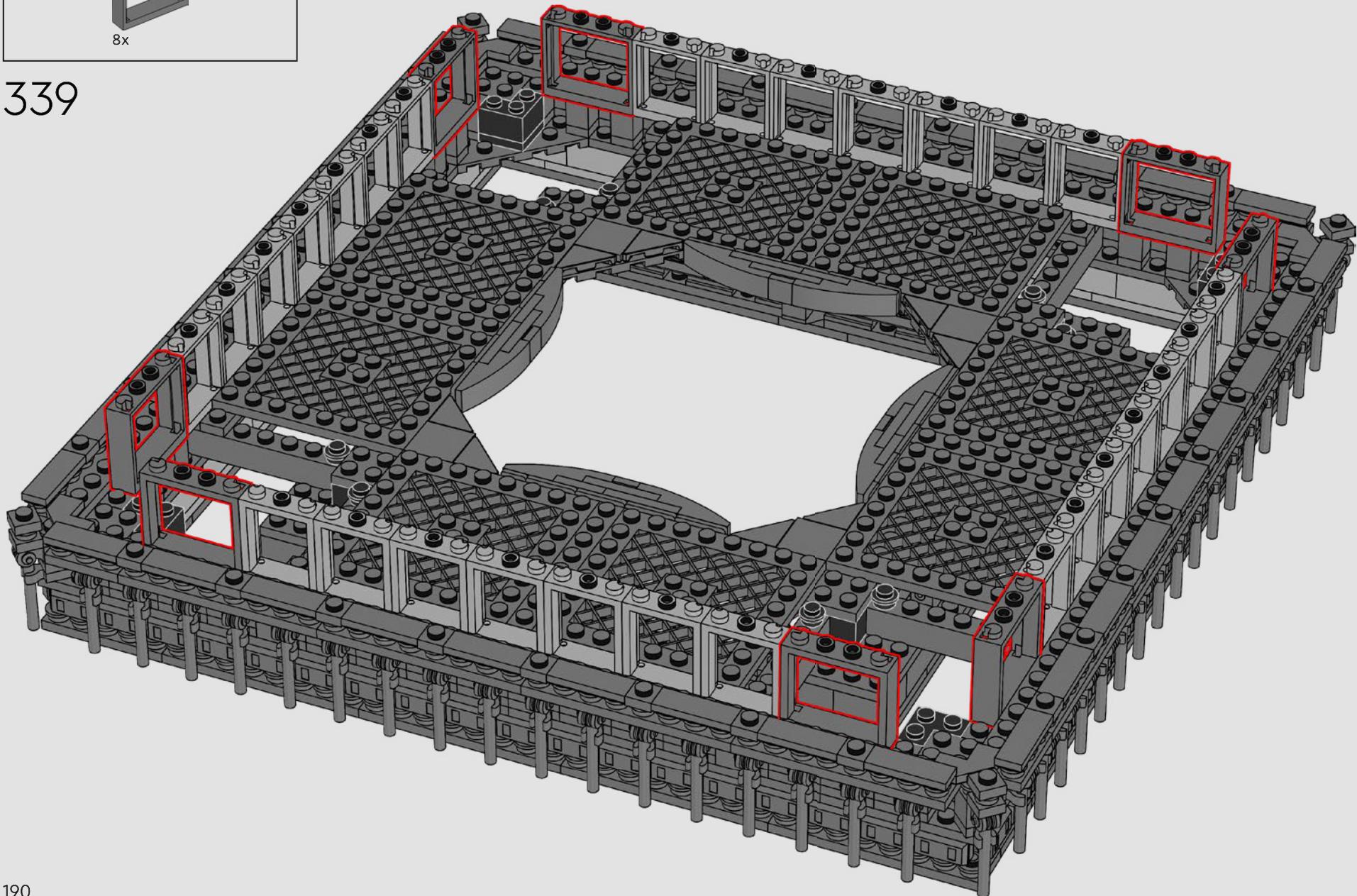
24x

338



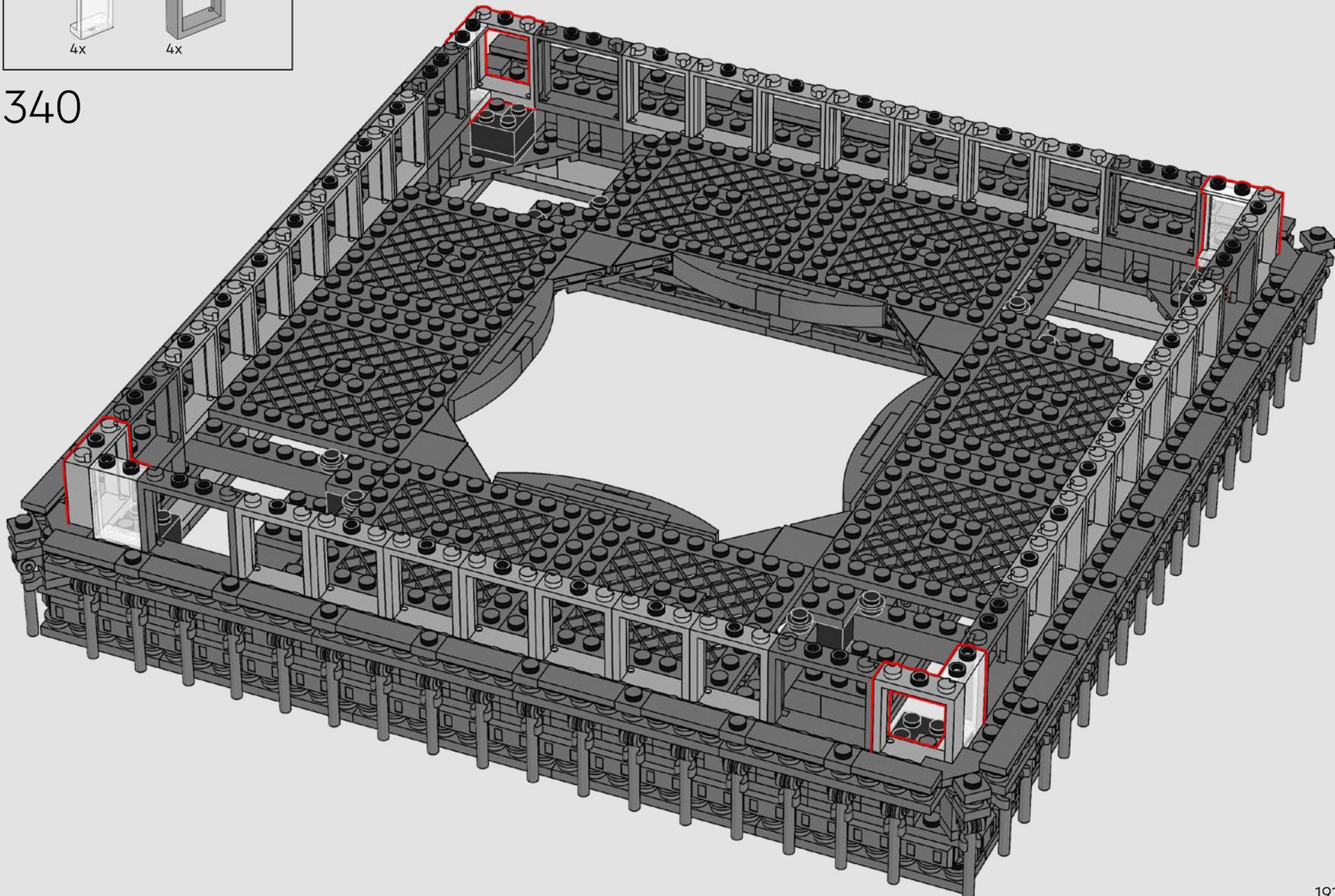


339





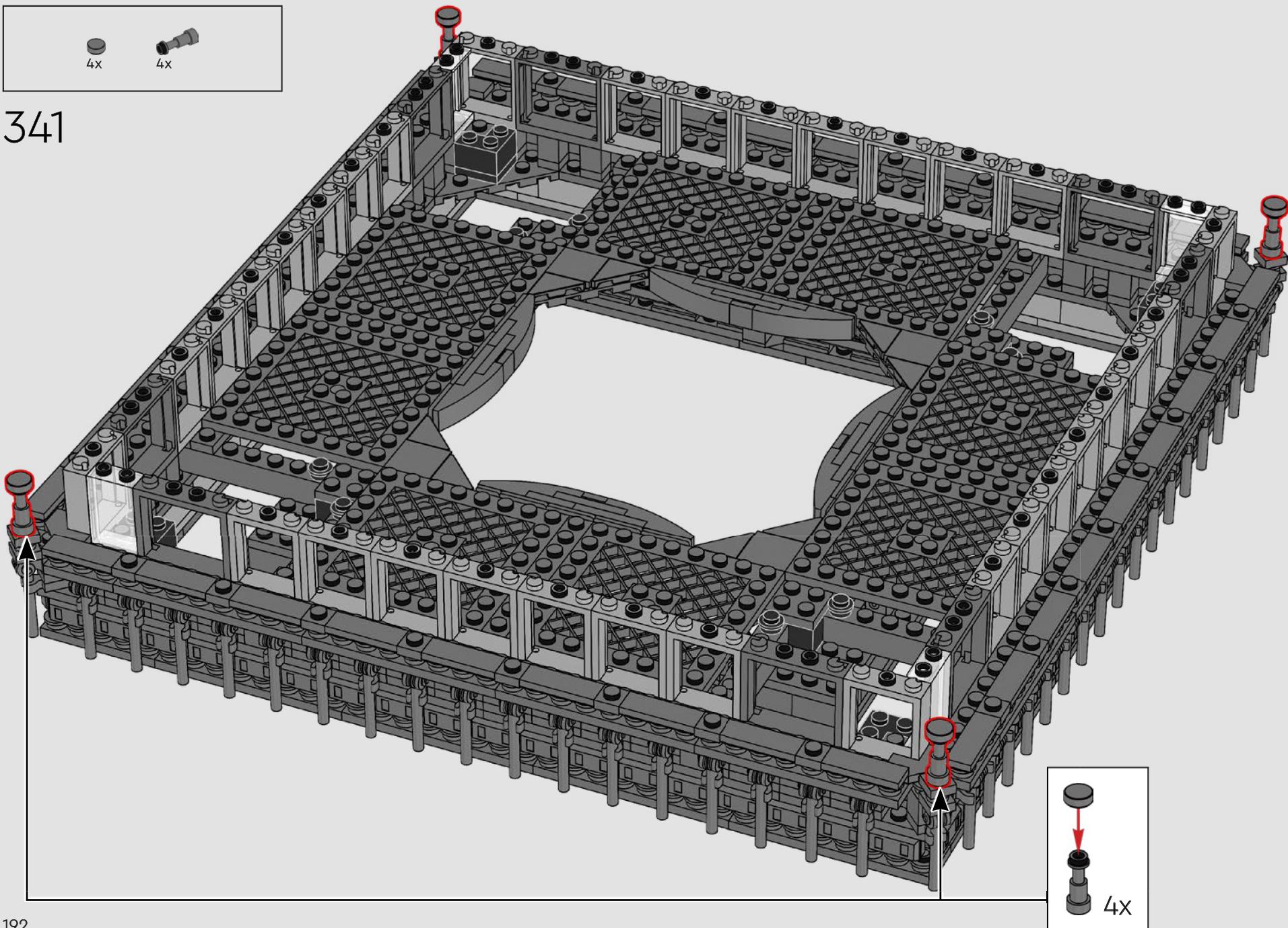
340



4x



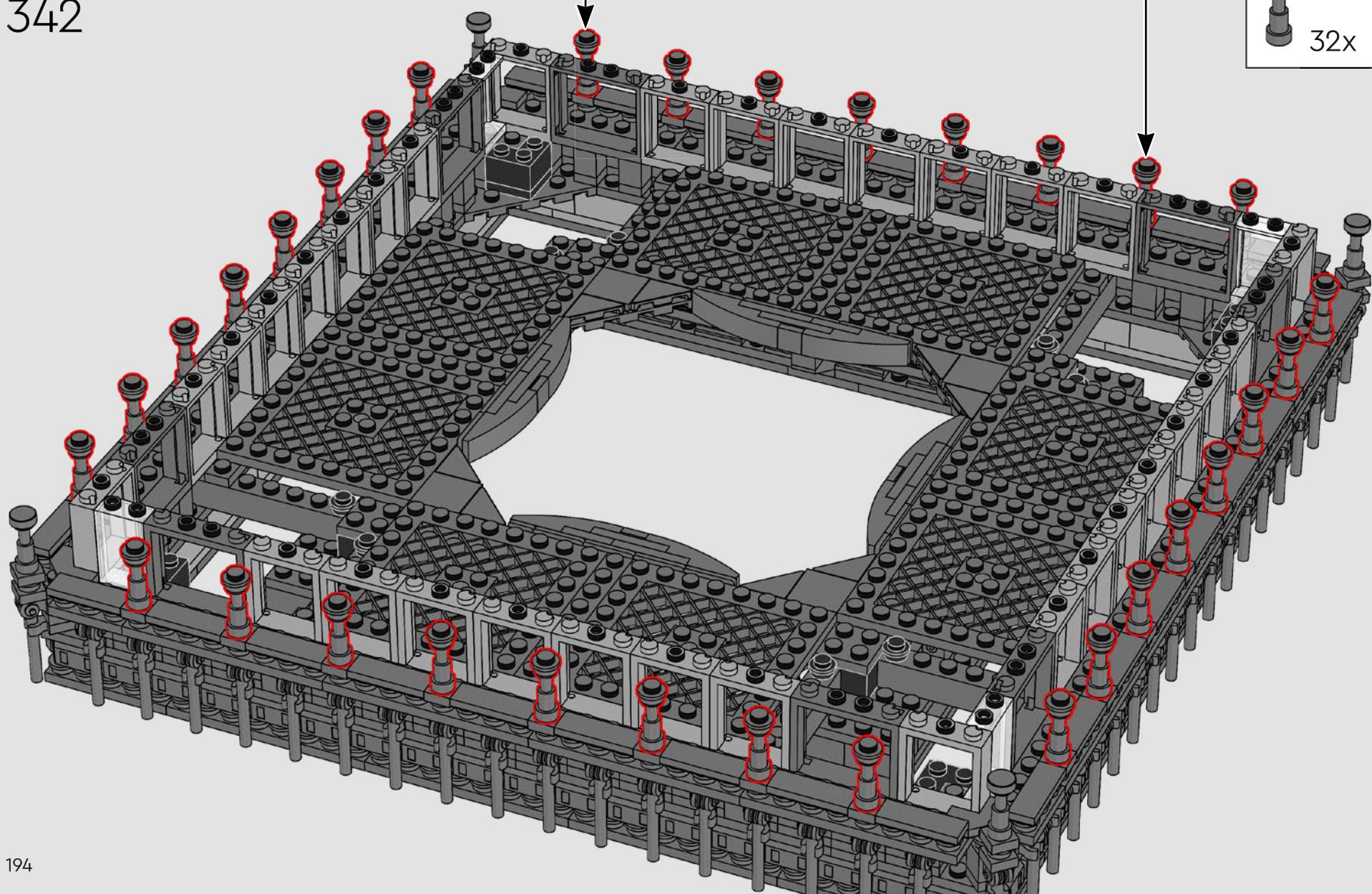
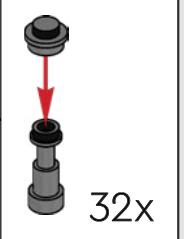
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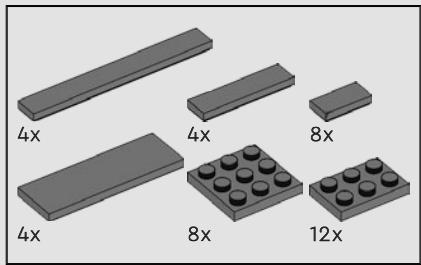
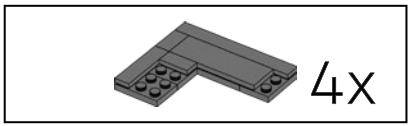




32x 32x

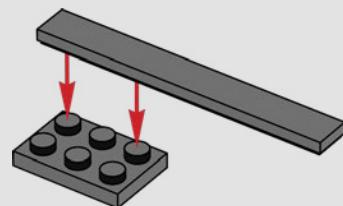
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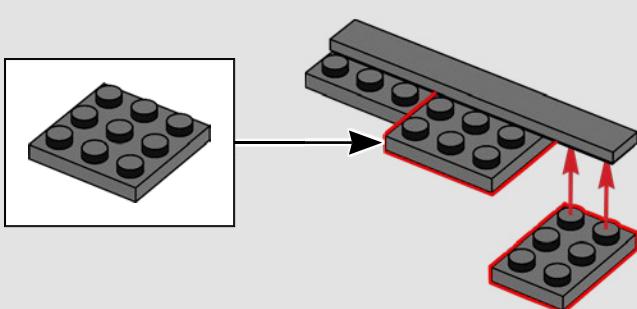


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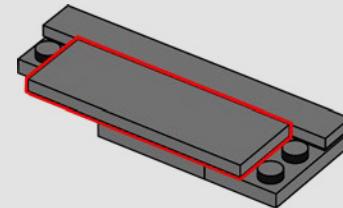
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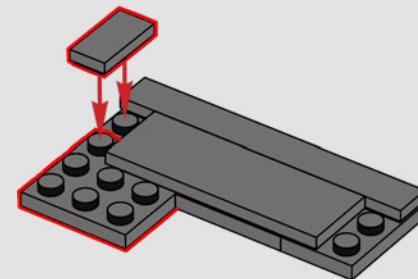
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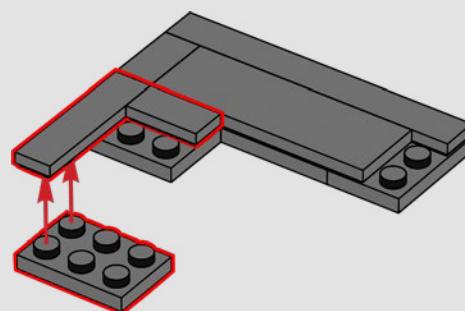
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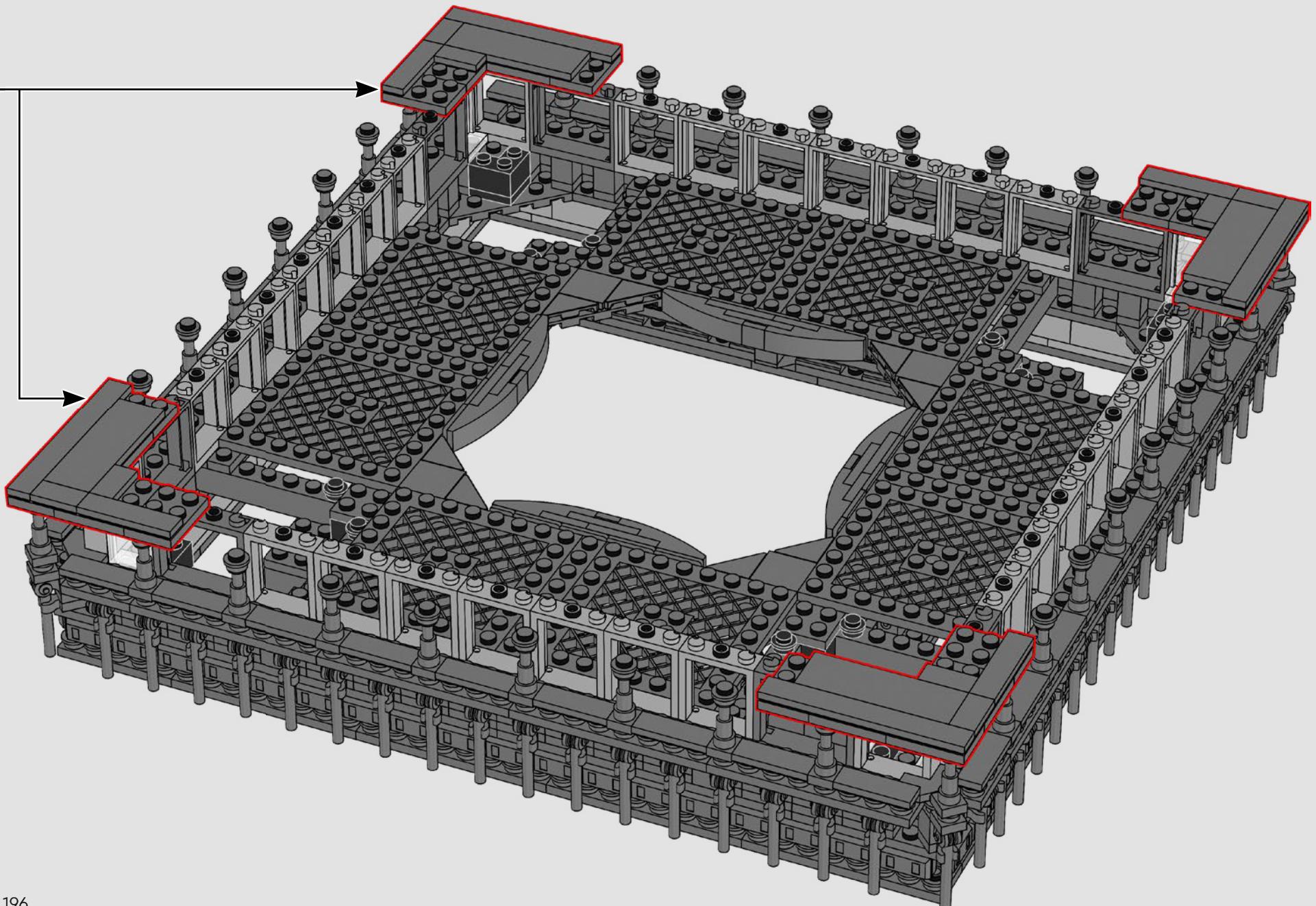
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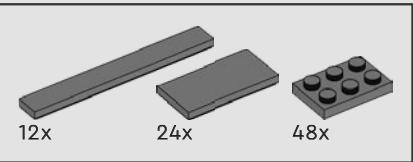
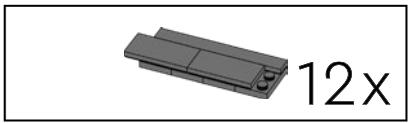


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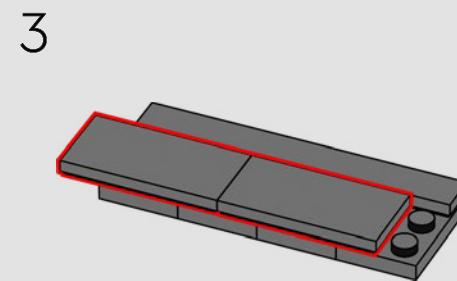
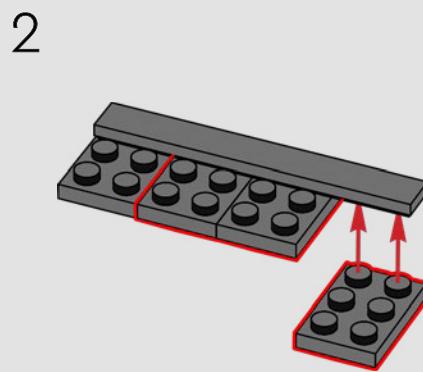
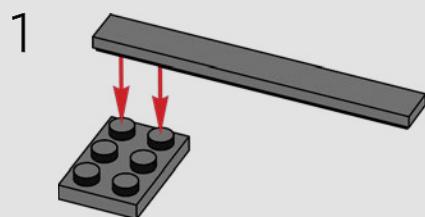


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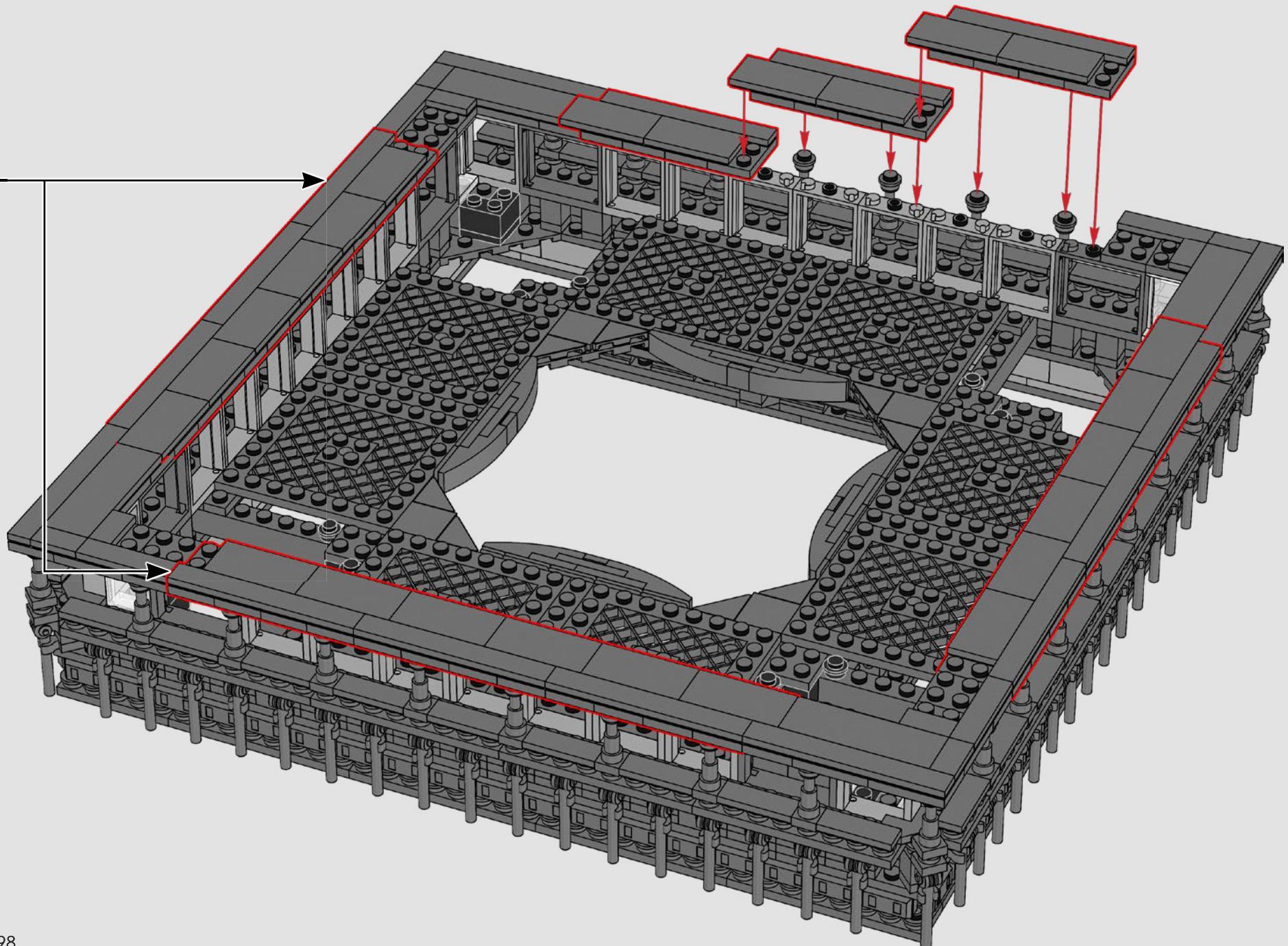


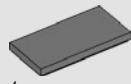


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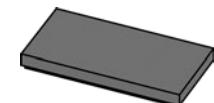


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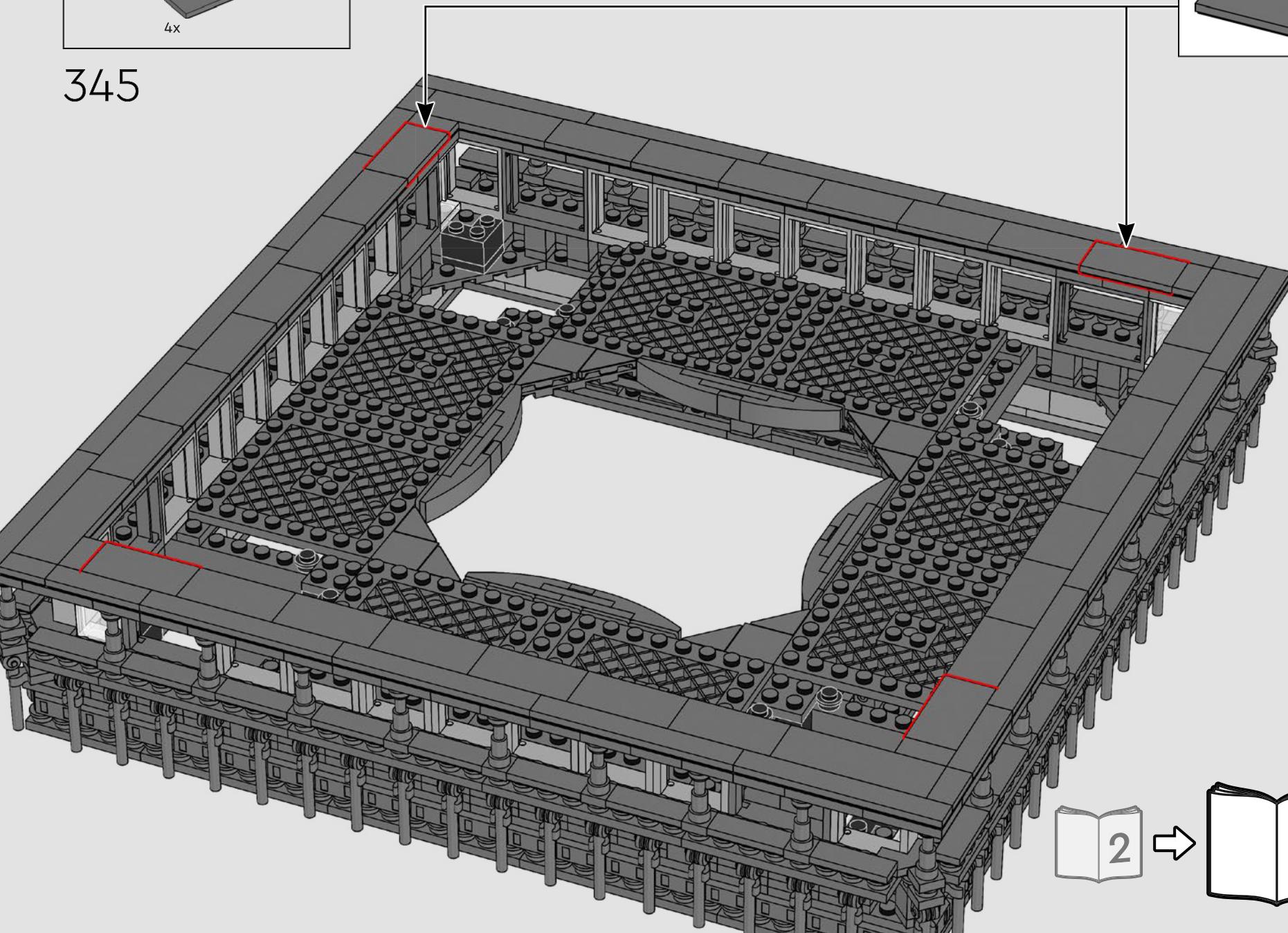


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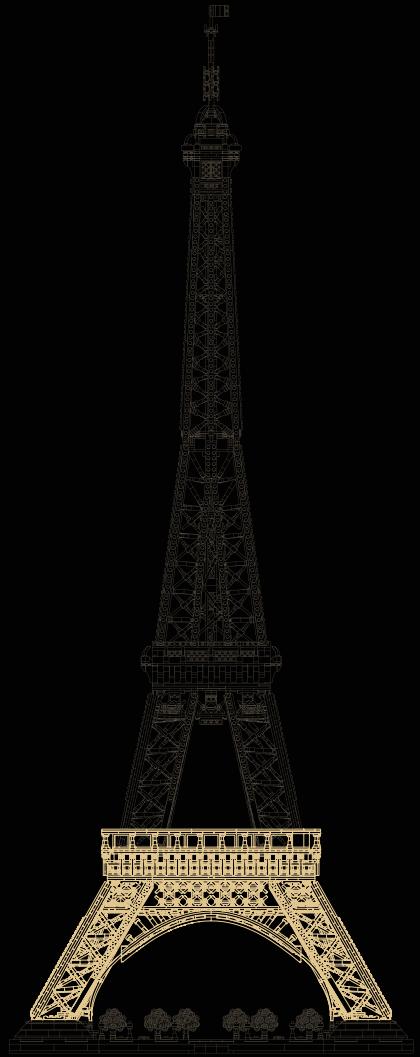


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345



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