

**Bauanleitung
NASA Crawler-Transporter
für LEGO Set 10341
NASA Artemis Startrampe**

**Building Instructions
NASA Crawler Transporter
for LEGO set 10341
NASA Artemis Space Launch
System**

Maßstab
Juli
Kontakt

1:160
2024
bricks@hwlk.de

Scale
July
Contact

© Harald Kränzel

Allgemeine Bemerkungen

- An erster Stelle sollen die Größenverhältnisse einigermaßen nachempfunden werden, was mit den vorhandenen LEGO-Steinen im vorgegebenen Maßstab nicht immer einfach und manchmal unmöglich ist.
- Weiterhin ist die Grundform wichtig, dass also Rundungen oder andere Formen umgesetzt werden. Bei einem solchen Maßstab ist es auch durchaus sinnvoll bestimmte Details wegzulassen,
- Wenn möglich sollen auch Farben des Originals übernommen werden.

Die vorliegende Bauanleitung enthält Vorschläge wie der NASA Crawler mit LEGO-Steinen gebaut werden kann.

**Eigene Ideen können
jederzeit implementiert
werden.**

**DAS ist das
was LEGO ausmacht.**

General remarks

- First of all, the proportions should be modeled to some extent, which is not always easy with the existing LEGO bricks at the given scale and sometimes impossible.
- The basic shape is also important, i.e. curves or other shapes are implemented. With such a scale it makes sense to leave out certain details.
- If possible, colors from the original should also be adopted.

These building instructions contain suggestions on how to build the NASA Crawler with LEGO bricks.

**Your own ideas can
be implemented
at any time.**

**THAT is what LEGO
is all about.**

Allgemeine Bemerkungen –Fortsetzung–

Darüber hinaus werden die hier verwendeten LEGO-Steine so gezeigt wie man sie kaufen kann.

Auf den folgenden Seiten sind Hinweise zu den Themen Farben und Markierungen zu finden.

General remarks –continued–

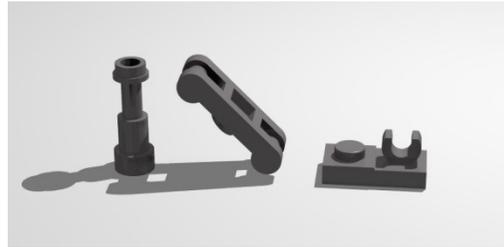
In addition, the LEGO bricks used here are shown as they can be purchased.

On the following pages you will find information on the topics of colors and markings.

Farben der Steine

Für Steine der Front- und Seitenbereiche des Crawlers wird die Farbe Dark Bluish Grey verwendet weil nicht alle Steine in Light Bluish Grey verfügbar sind.

- Stahlstruktur des Crawlers

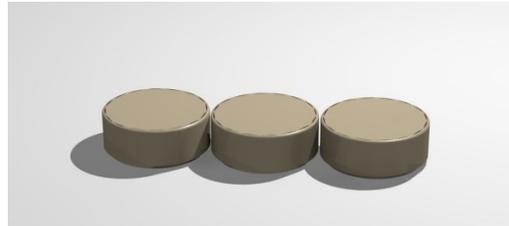


Colors of bricks

The color Dark Bluish Gray is used for the bricks in the front and side areas of the crawler because not all bricks are available in Light Bluish Gray:

- Steel structure of the crawler

Für den Weg rundherum wird die Farbe Dark Tan verwendet (soll den Weg als auch das Gelände respresentieren).



The color Dark Tan is used for the path around it (should represent the path as well as the railing).

Markierungen und Texte auf dem Crawler

Wo es möglich ist sind Markierungen durch LEGO-Steine realisiert. In folgender Beschreibung werden verwendete Texte und Markierungen erklärt. Um Markierungen am Original sehen zu können sind entsprechende Links zu Bildern angegeben.

An den vier Seiten des NASA Crawlers ist jeweils zwei Mal das blaue NASA Logo, die US-Flagge und das Artemis-Projekt-Logo zu sehen.

Markings and texts on the Crawler

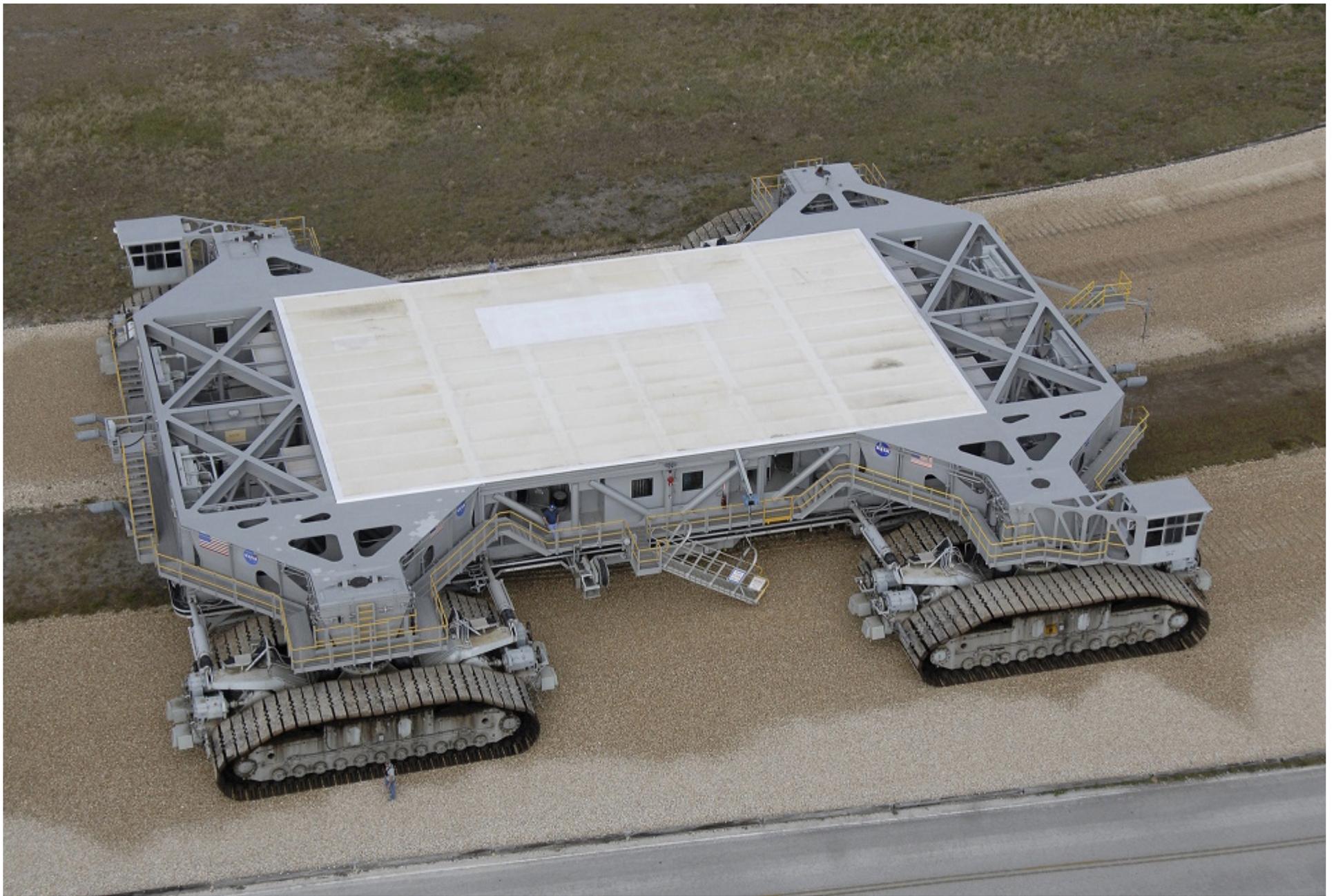
Where possible, markings are made using LEGO bricks. The following description explains the text and markings used. In order to be able to see markings on the original, corresponding links to images are provided.

The blue NASA logo, the US flag and the Artemis Project logo can be seen twice on each of the four sides of the NASA crawler.

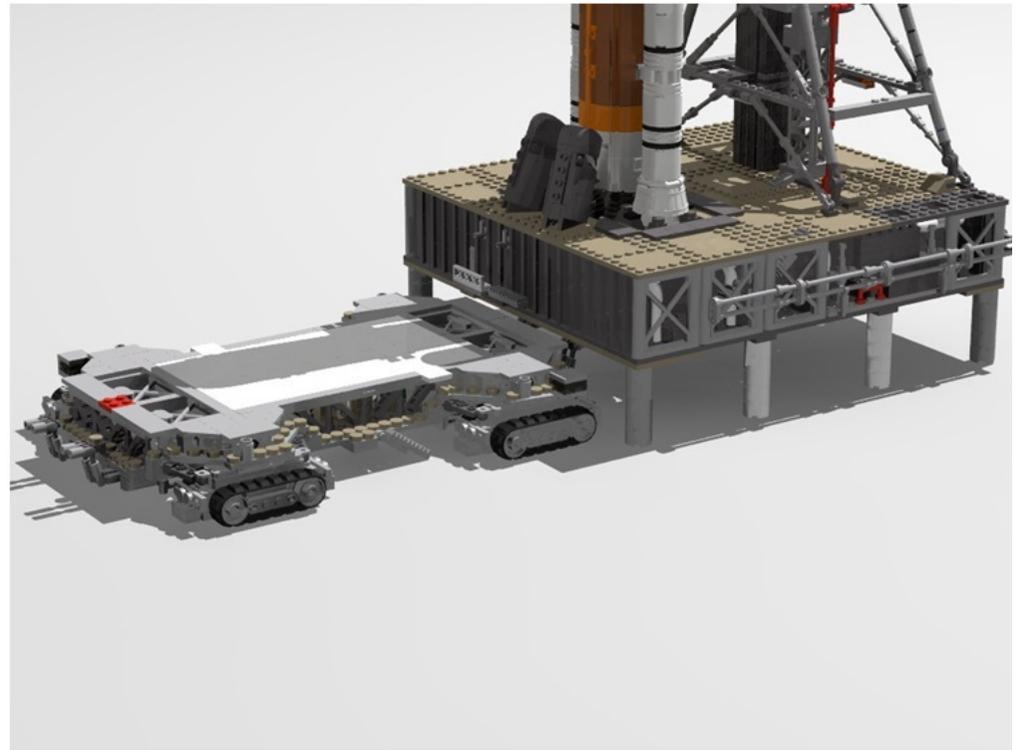
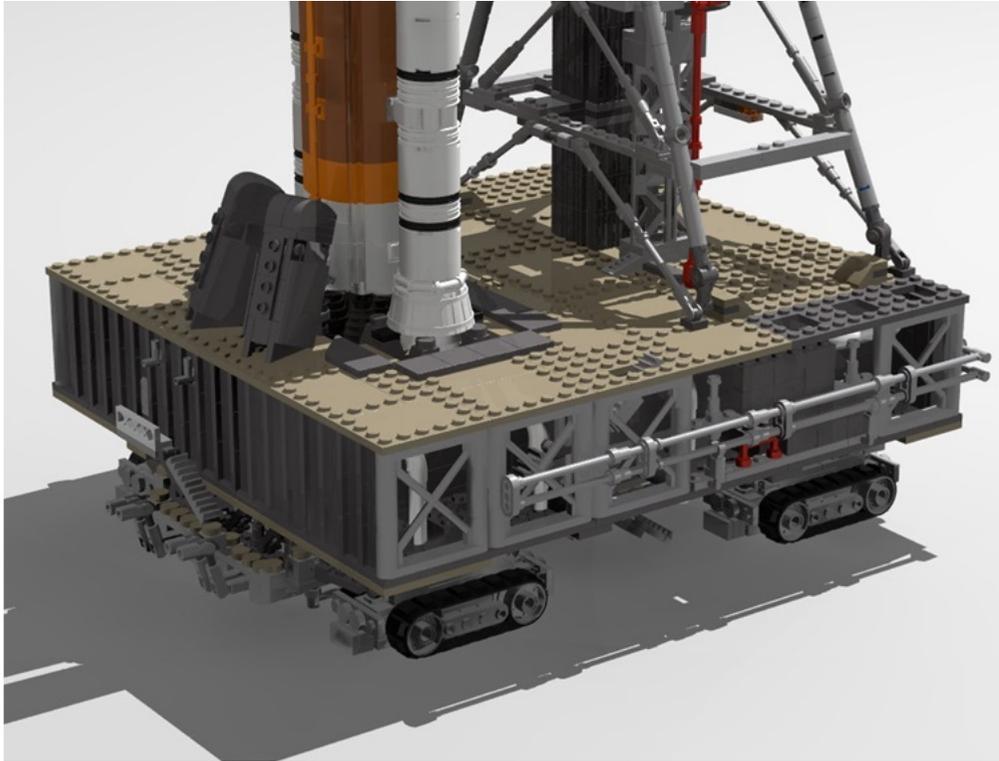
Links:

https://images.nasa.gov/details/KSC-20220204-PH-LFS01_0006

https://images.nasa.gov/details/KSC-20220204-PH-LFS01_0010



NASA Crawler (Photo: NASA)



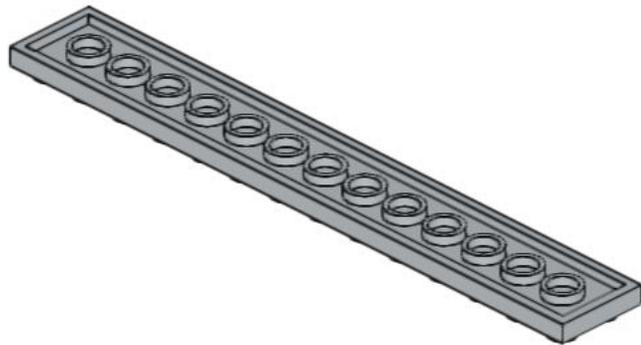
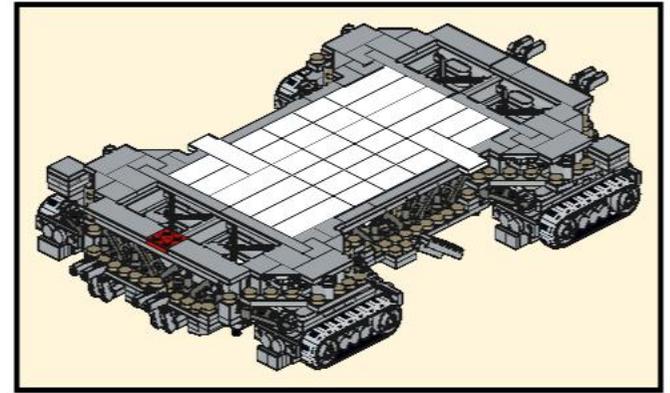
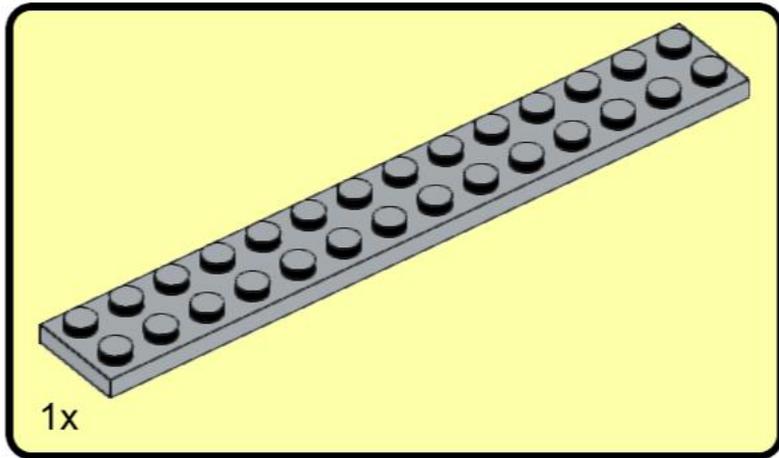
Vom VAB (Vehicle Assembly Building), dem Ort, an dem die SLS-Rakete (im Bild oben als LEGO Set 10341 NASA Artemis Startrampe zu sehen) auf der mobilen Startplattform 1 errichtet wird, geht es mit Hilfe des NASA Crawler-Transporters (im Bild als MOC HK-24-01 unter der Startplattform zu sehen) und einer Geschwindigkeit von ca. 1.6 km/Std zum Startplatz 39B. Für diese Strecke werden ca. 5 Stunden benötigt und ca. 568 Liter Diesel verbraucht.

From the VAB (Vehicle Assembly Building), the place where the SLS rocket (seen in the picture above as LEGO Set 10341 NASA Artemis Space Launch System) is erected on the mobile launcher 1, it goes with the help of the NASA crawler transporter (in picture to be seen as MOC HK-24-01 under the launch platform) and a speed of approx. 1 mph to Pad 39B. This route takes around 5 hours and uses around 568 liters of diesel.

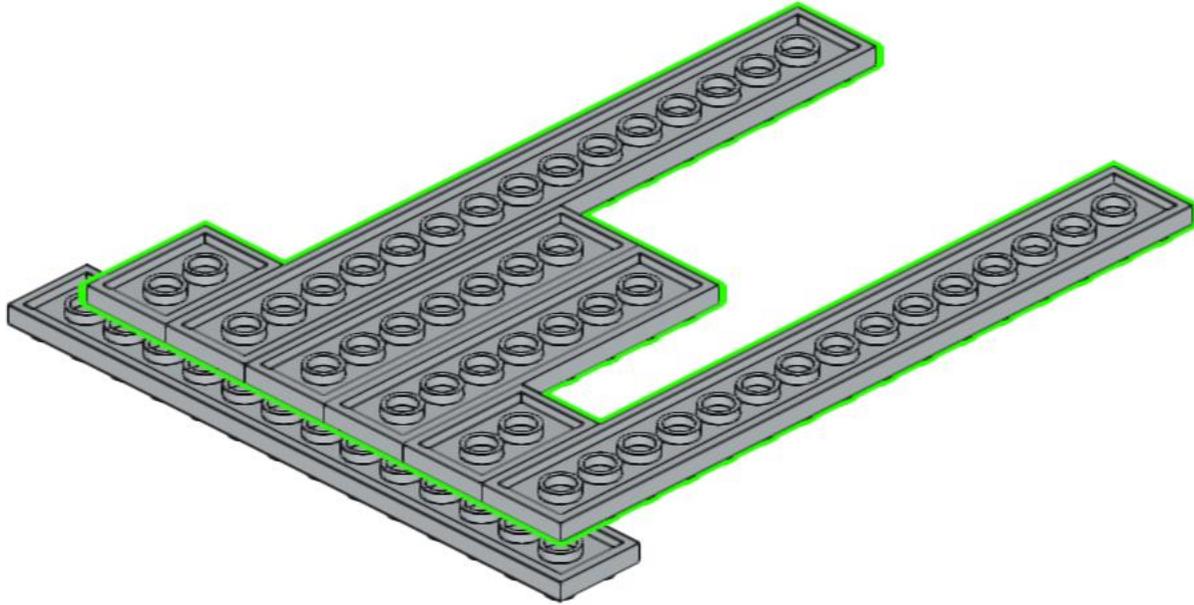
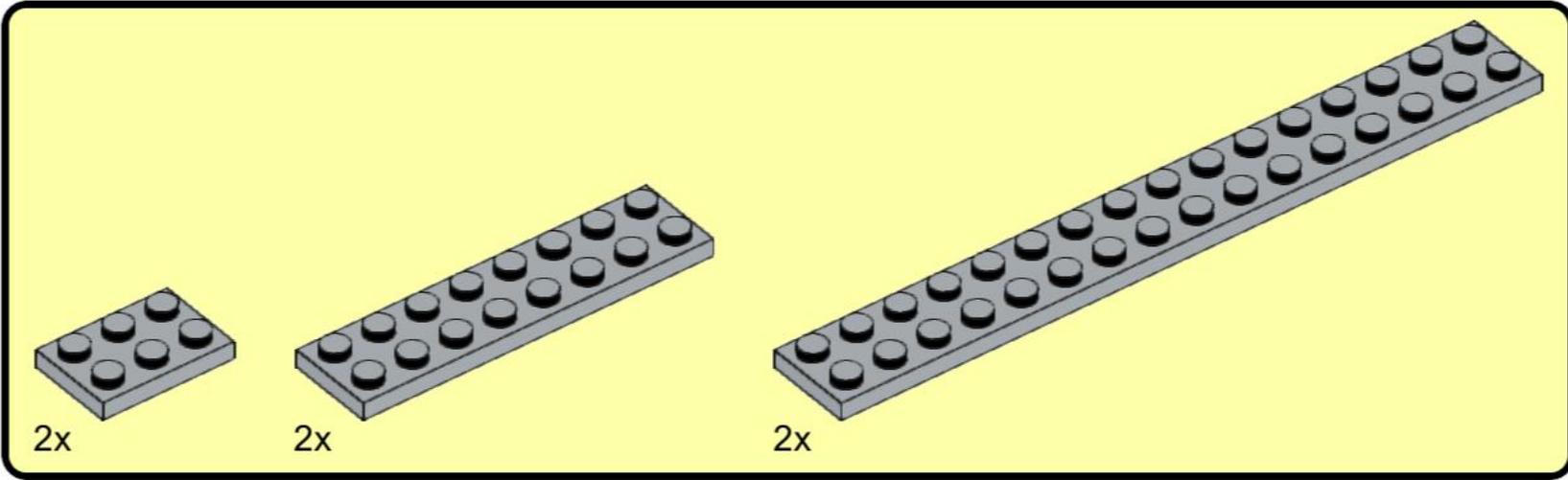
Am Startplatz 39B angekommen wird die mobile Startplattform 1 an sechs Stellen fest mit dem Untergrund verankert und der NASA Crawler-Transporter wird zurück in Richtung VAB gefahren und dort für den nächsten Einsatz geparkt.

Once at Pad 39B, the mobile launcher 1 is firmly anchored to the ground in six places and the NASA crawler transporter is driven back towards the VAB and parked there for the next mission.

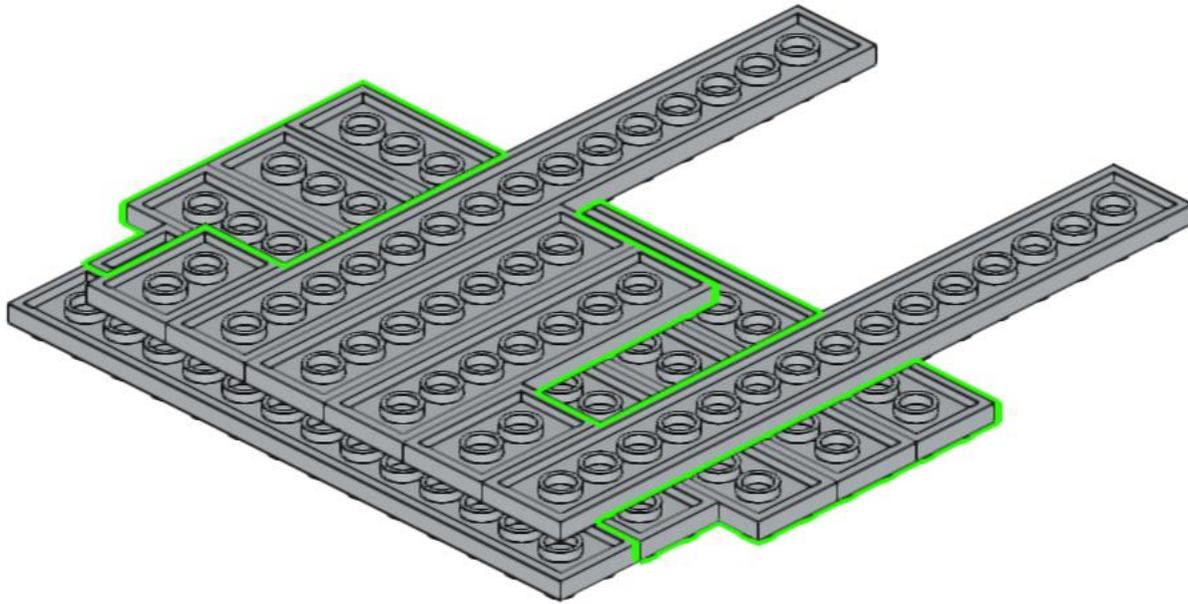
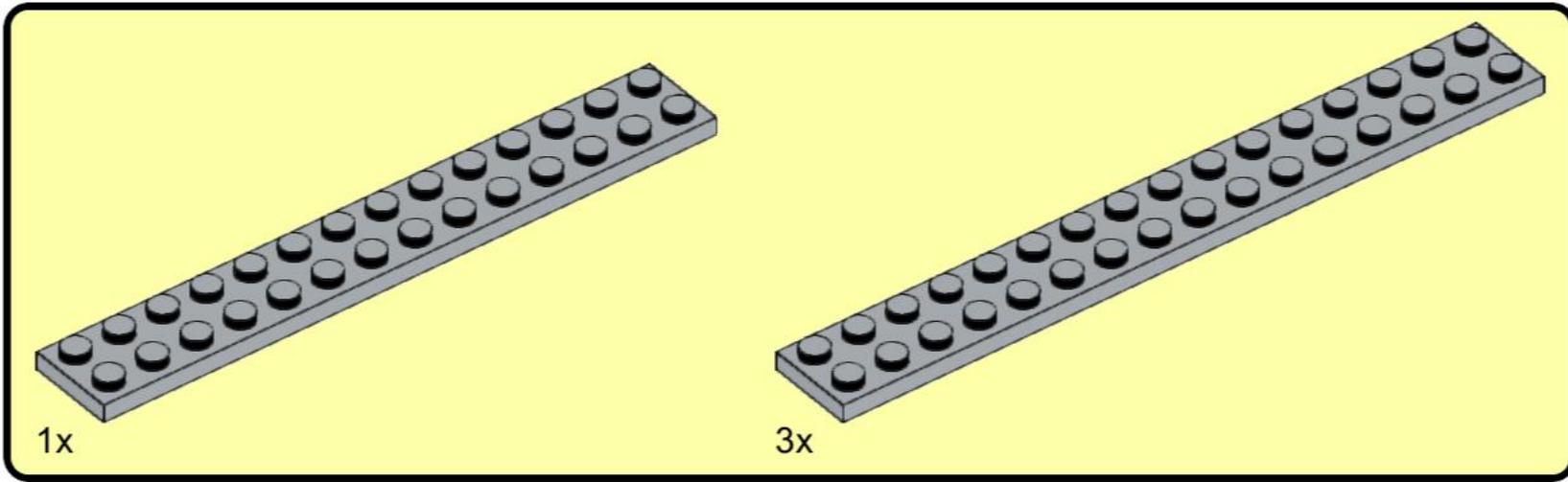
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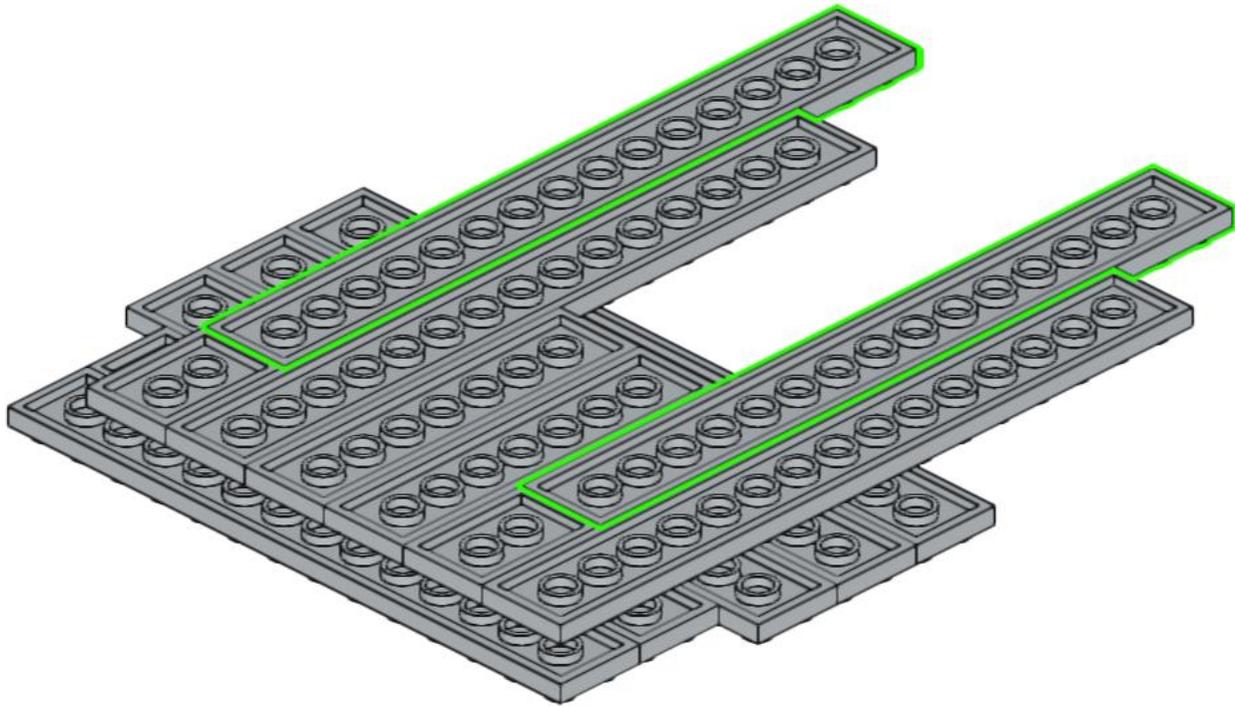
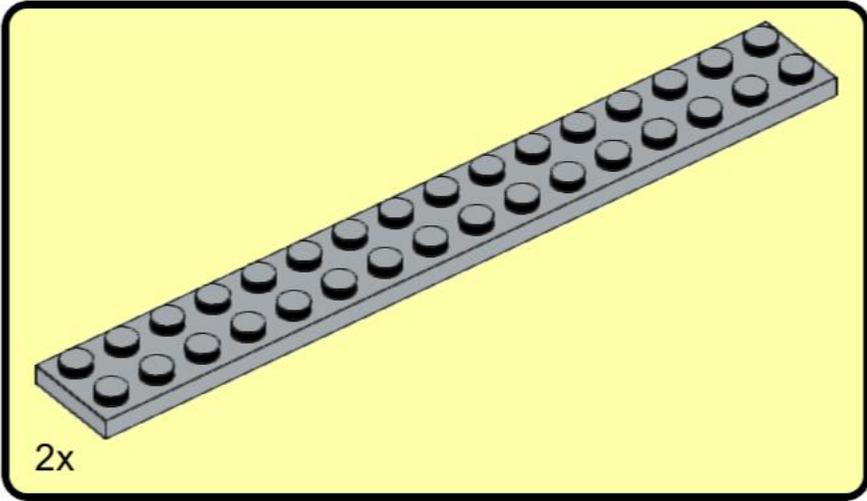
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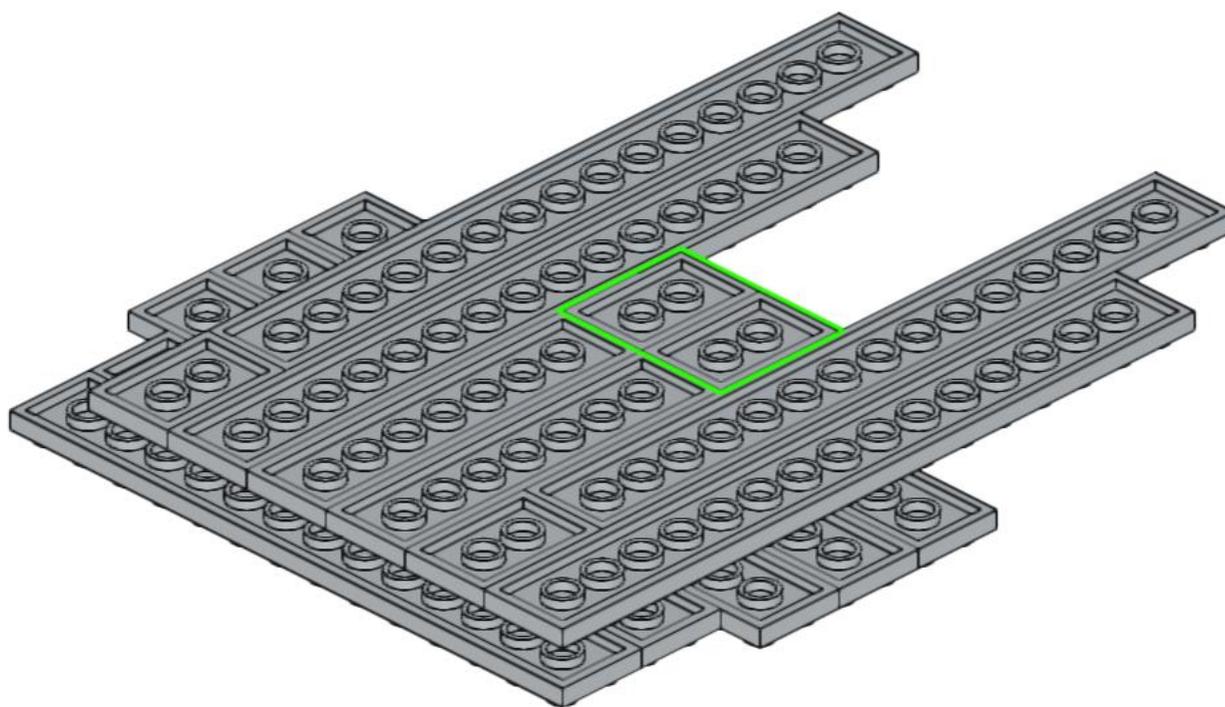
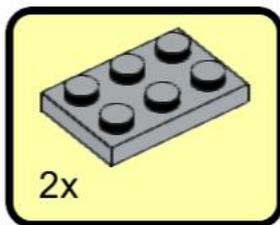
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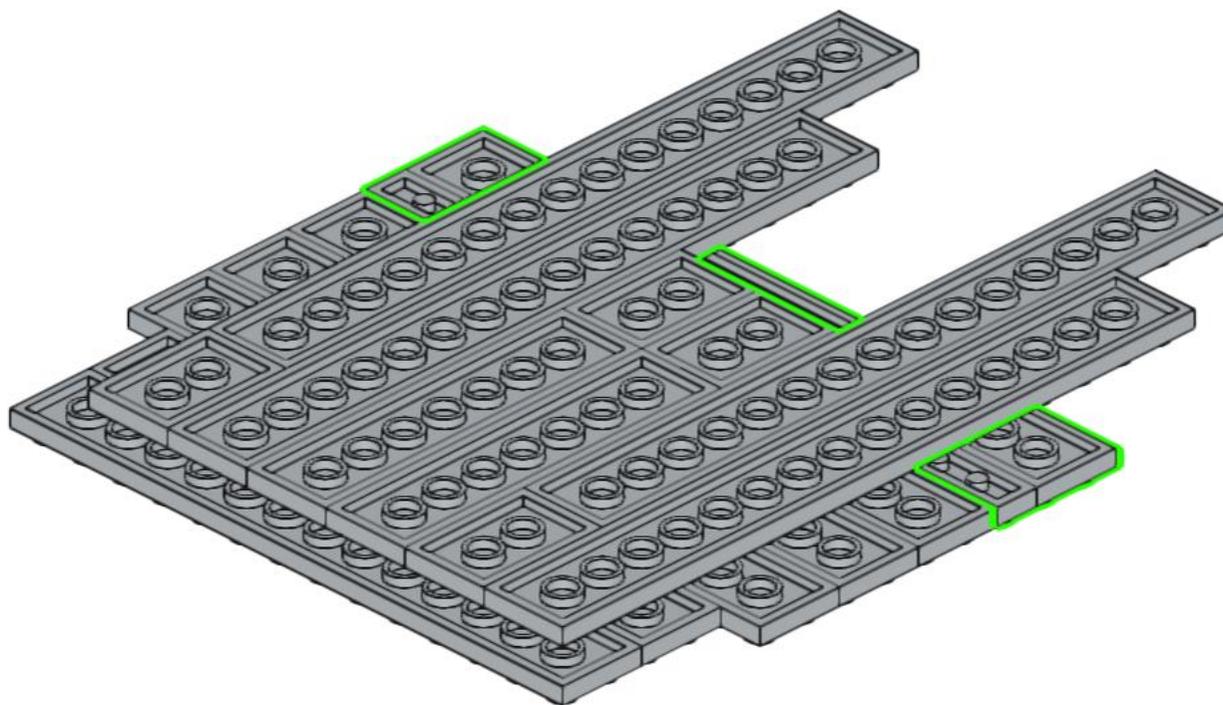
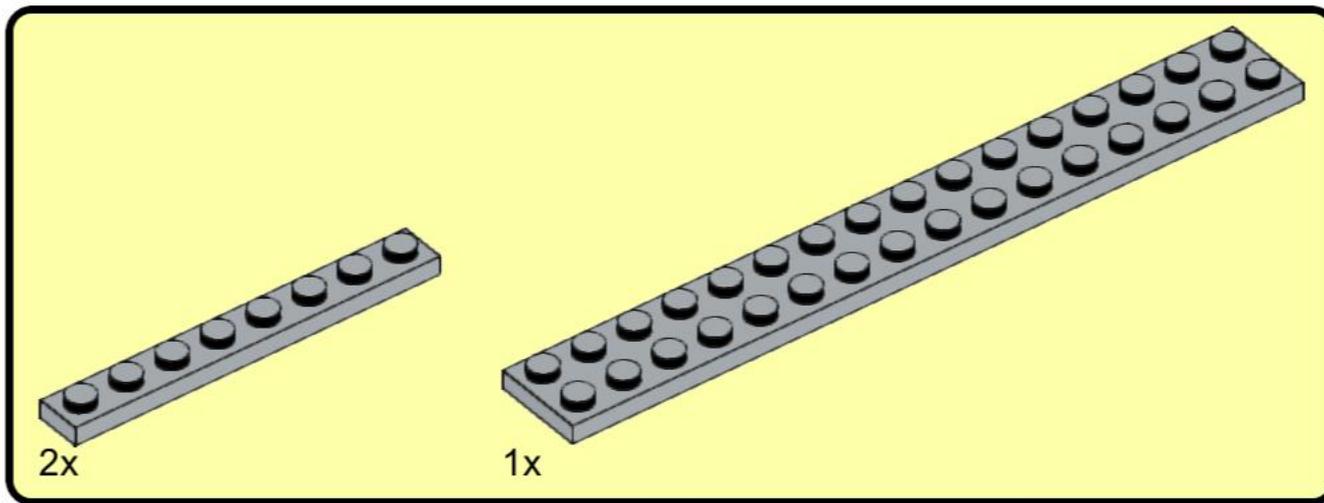
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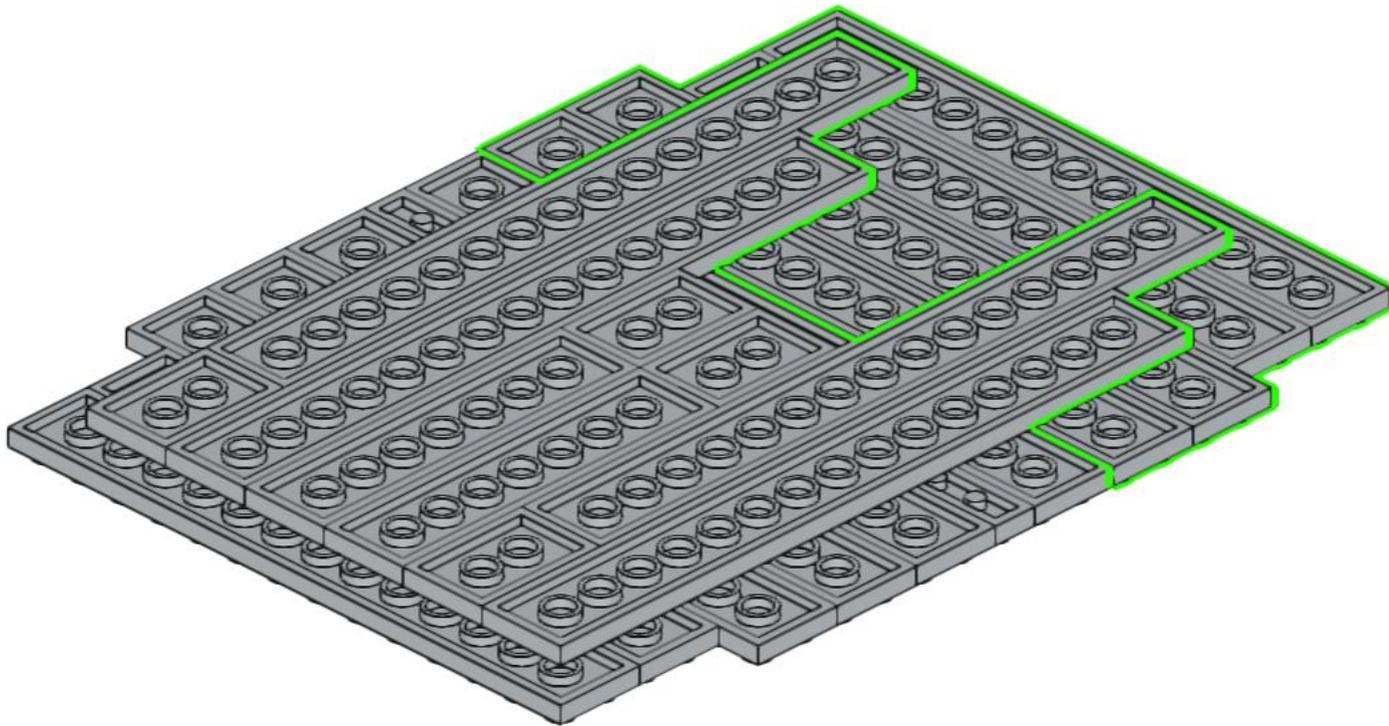
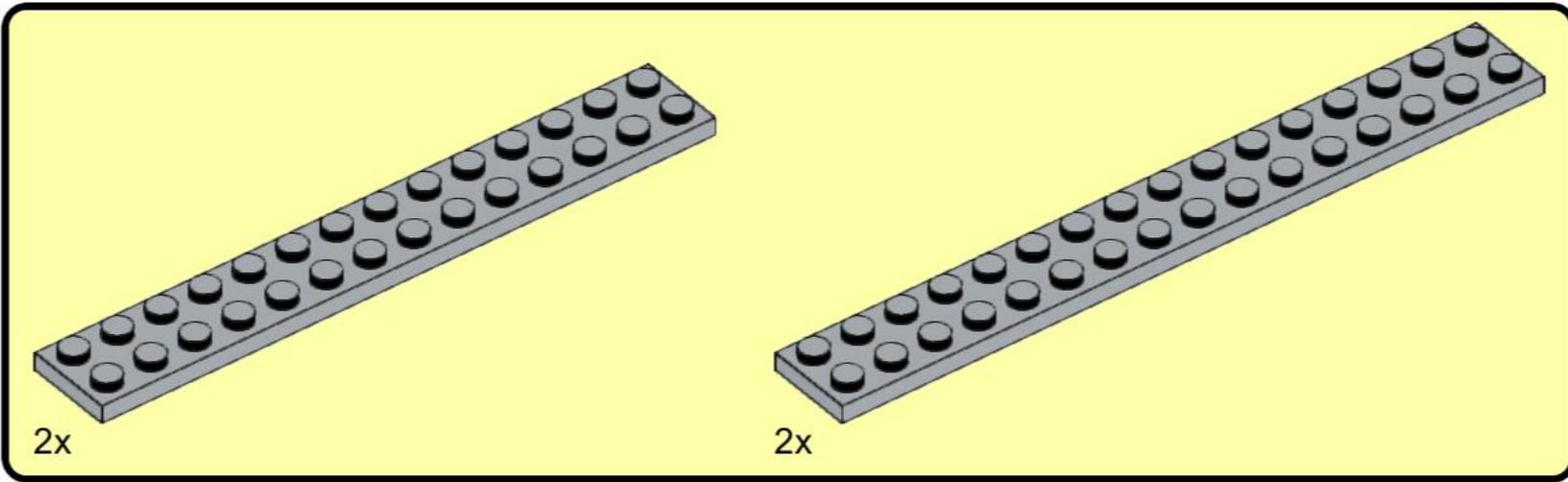
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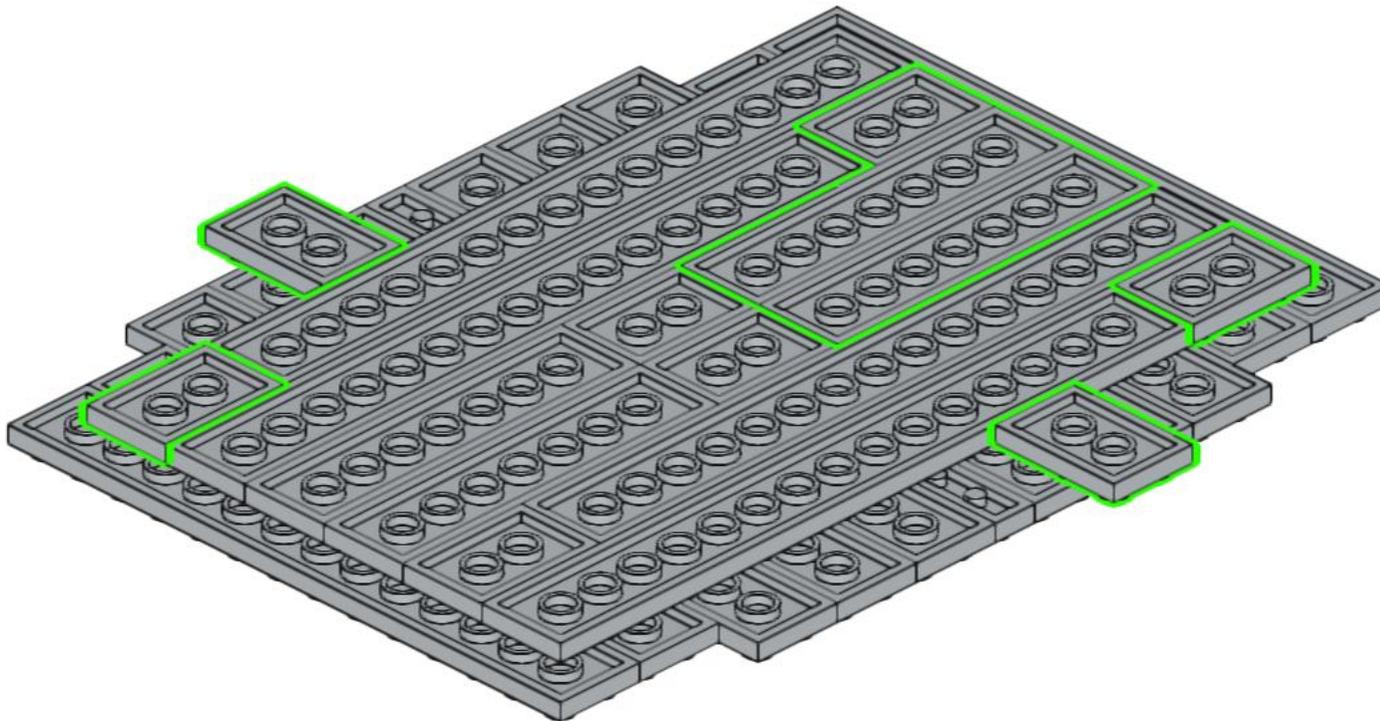
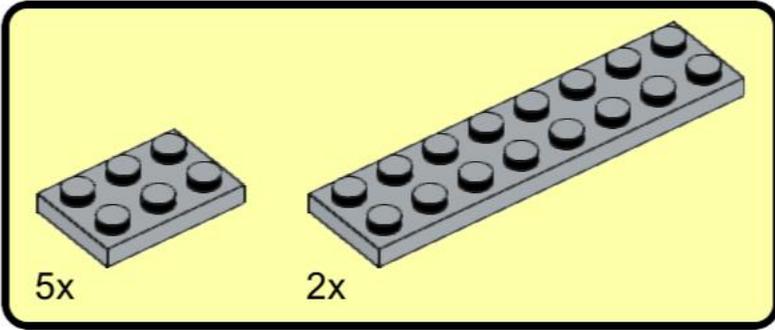
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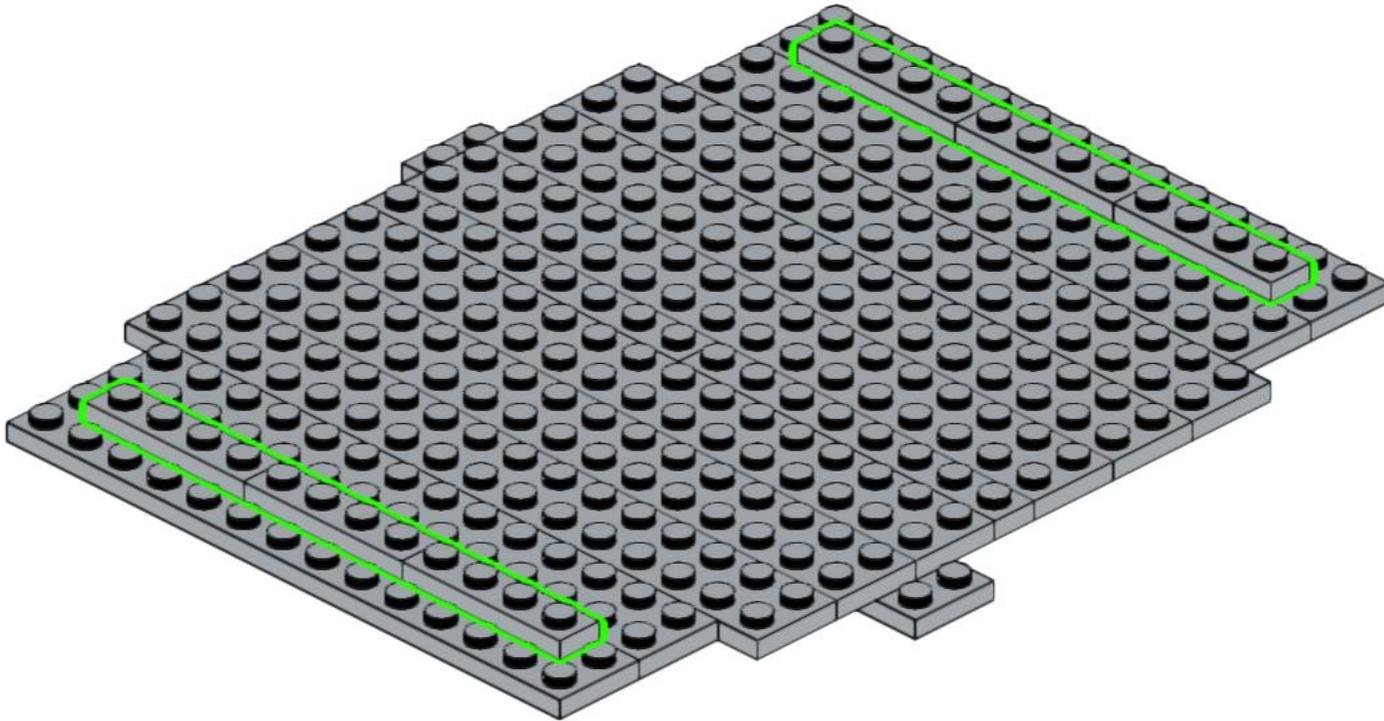
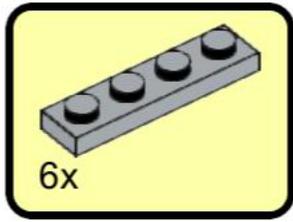
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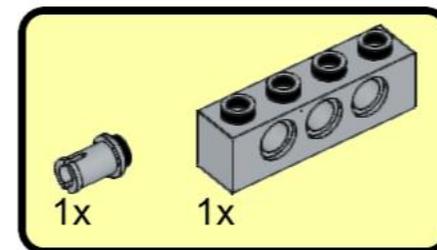
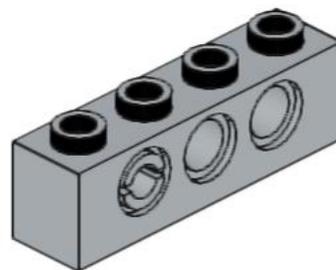
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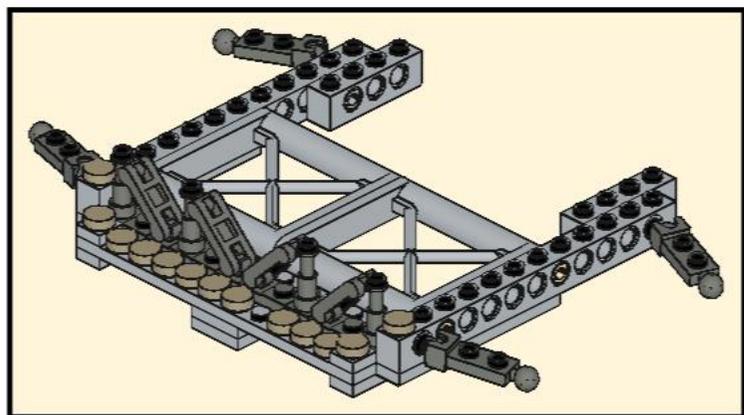
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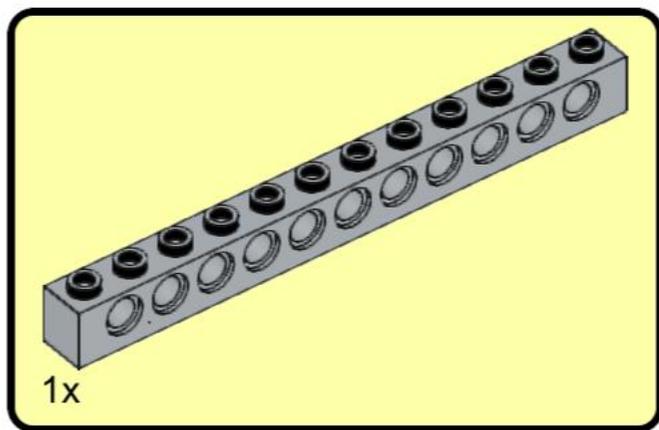
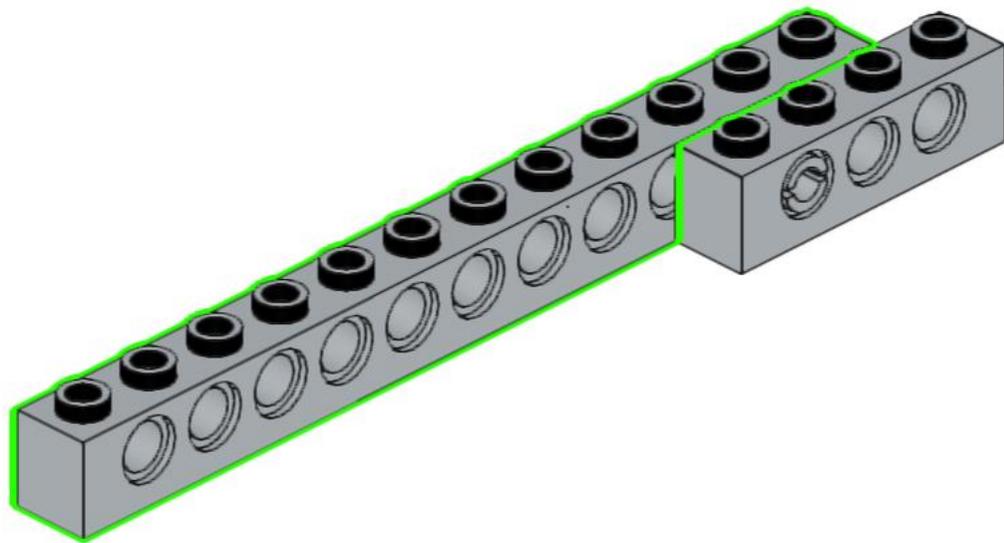
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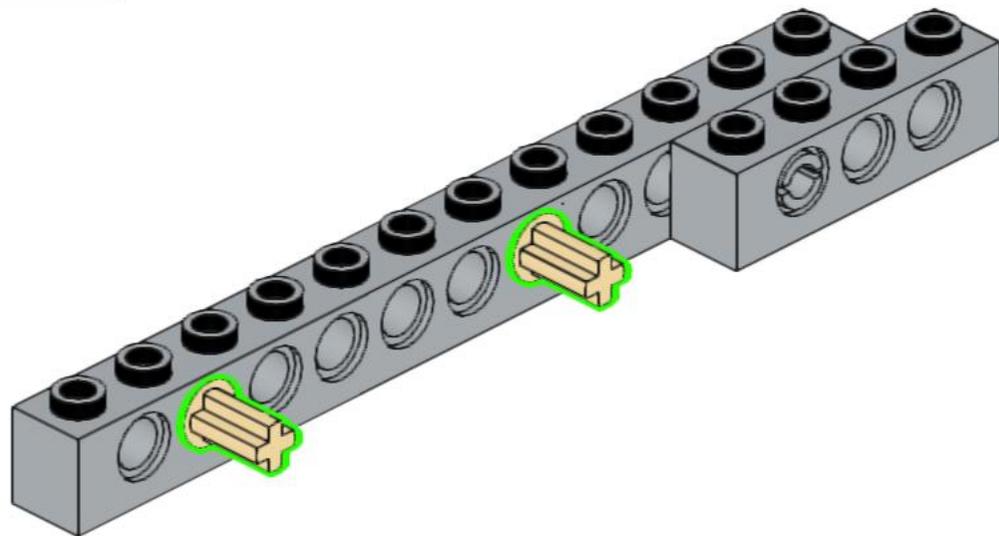
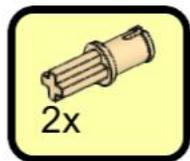
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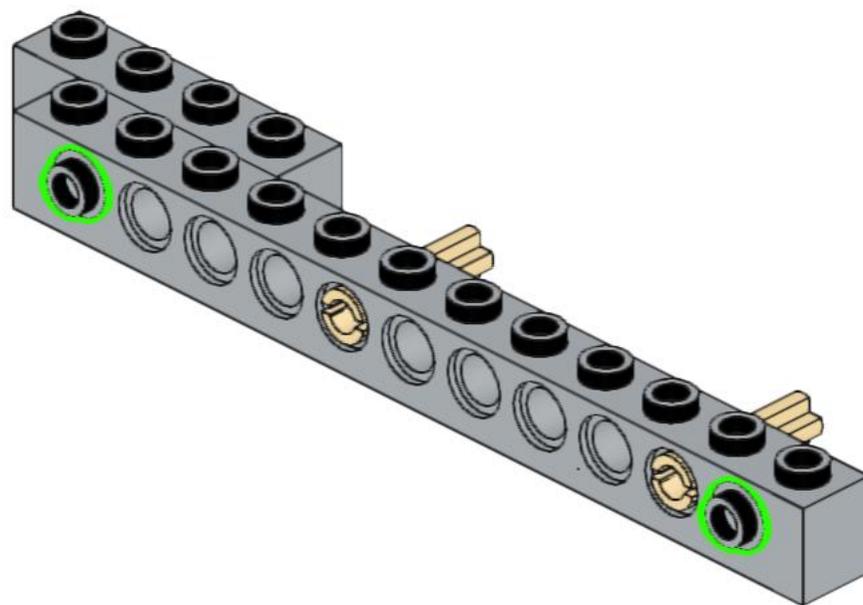
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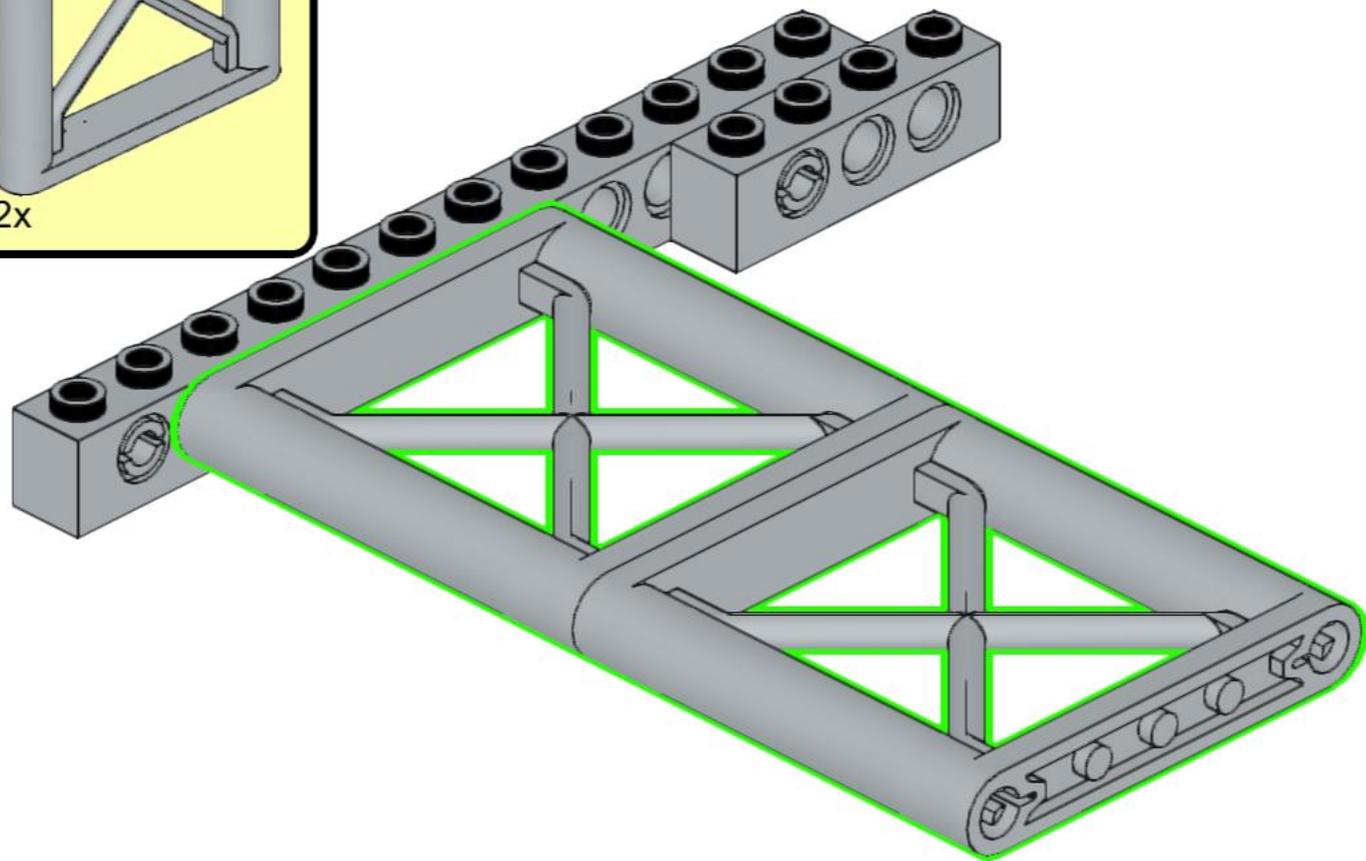
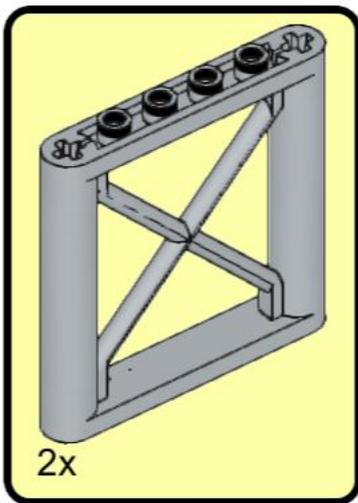
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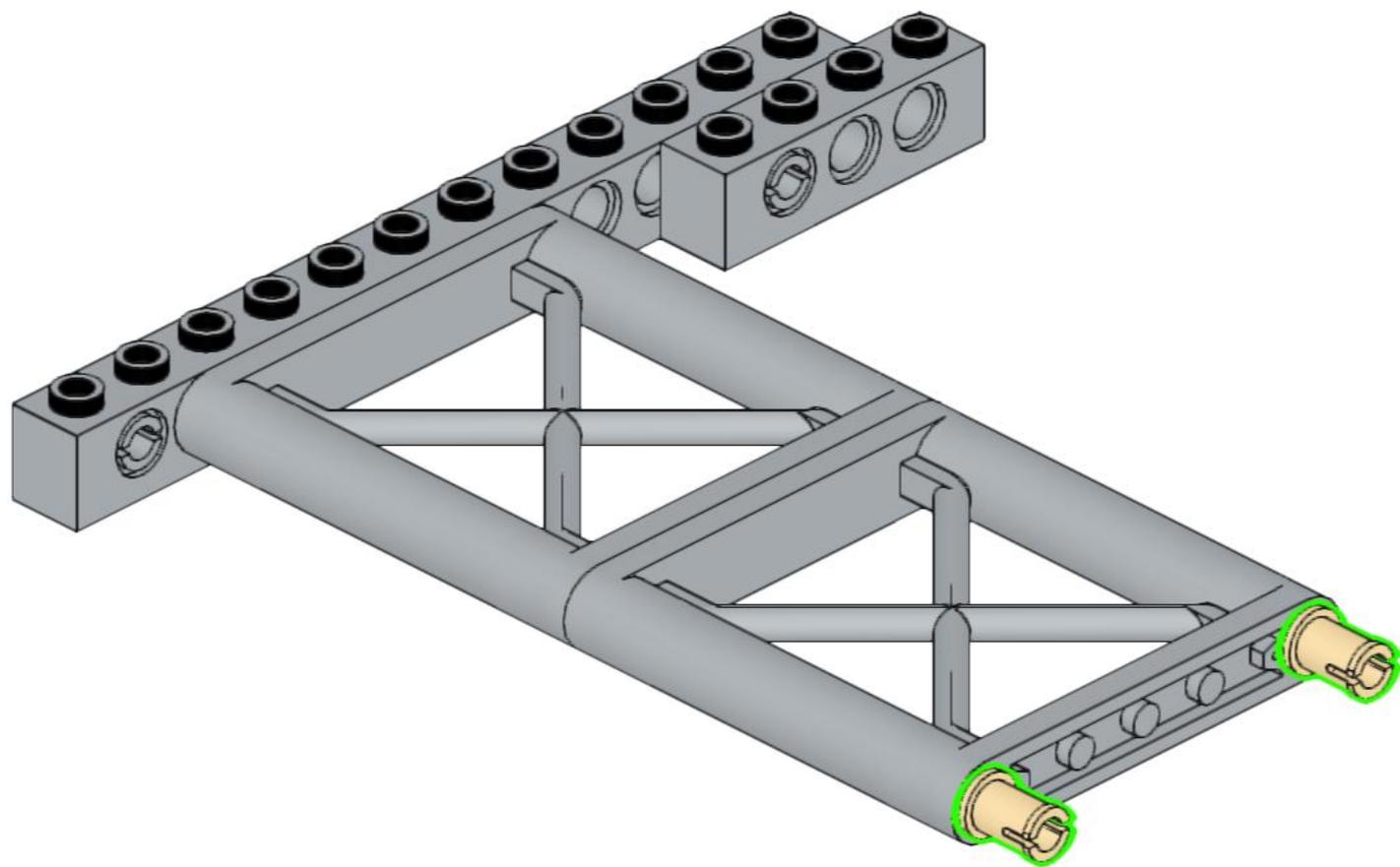
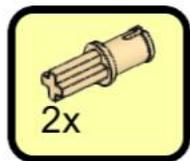
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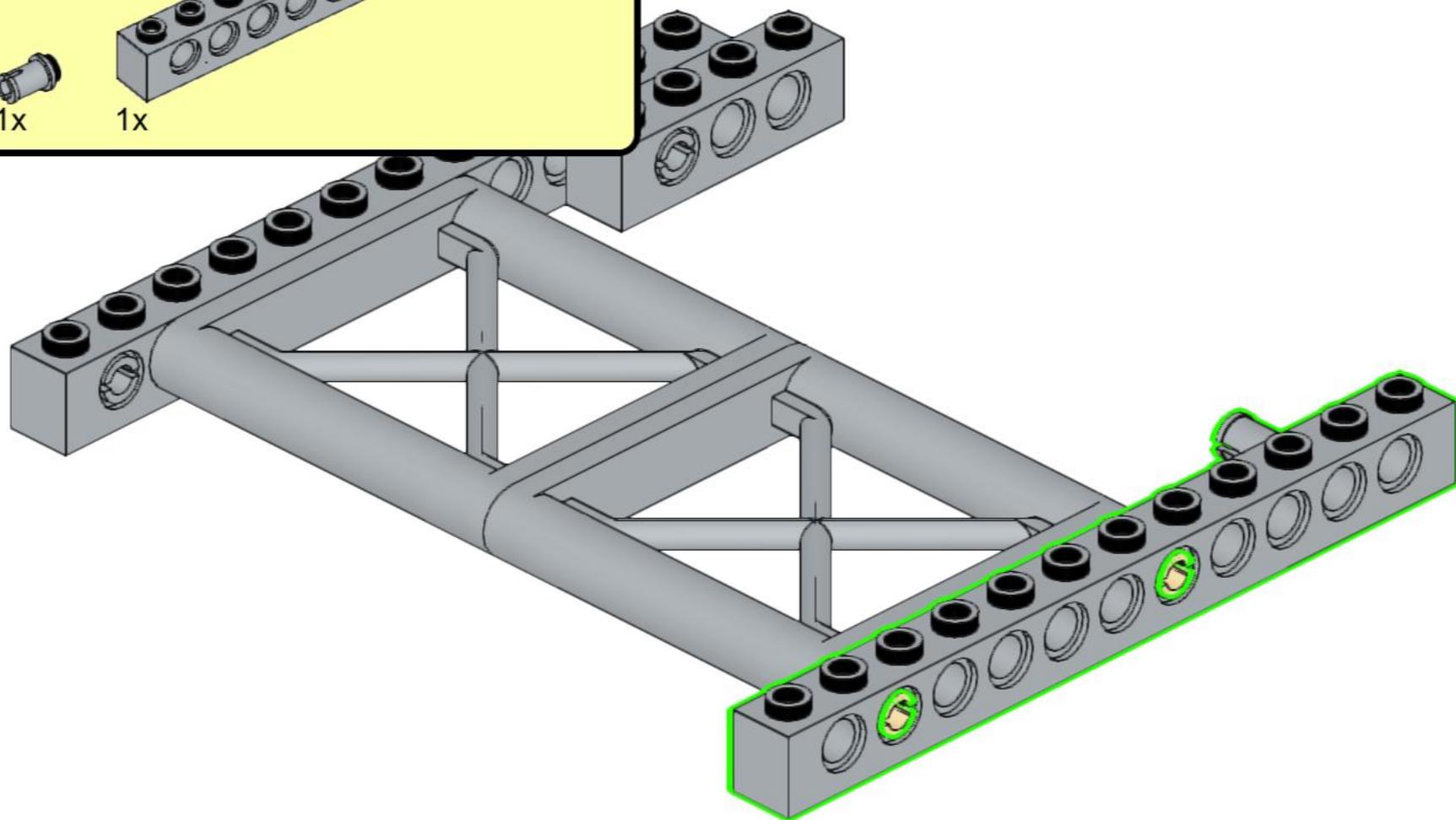
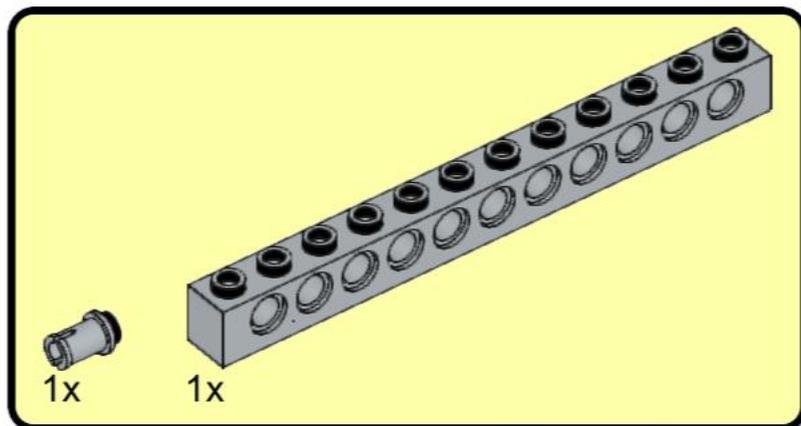
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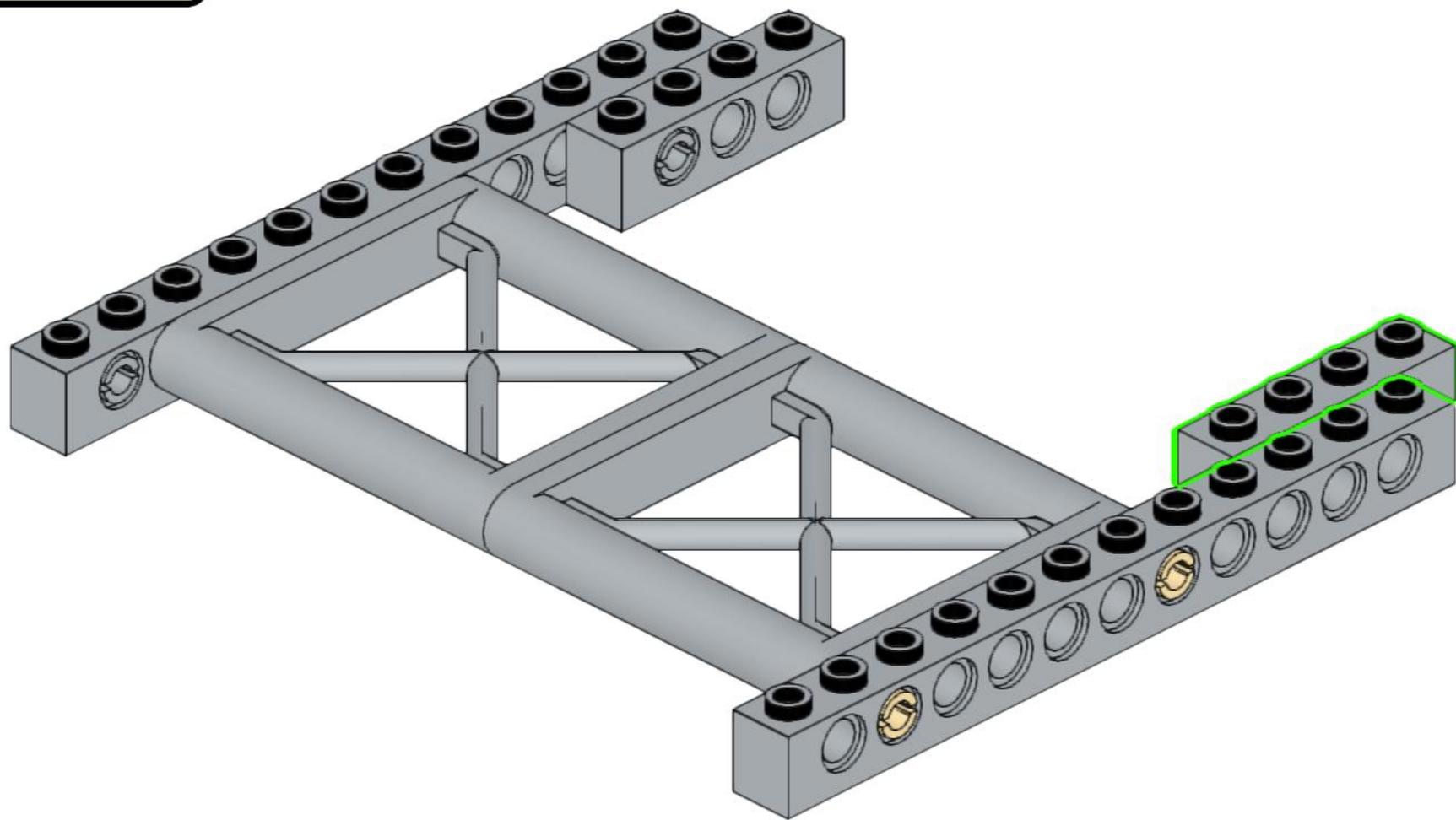
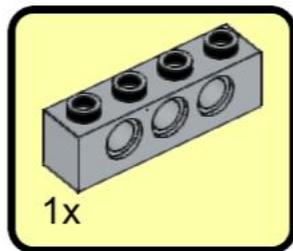
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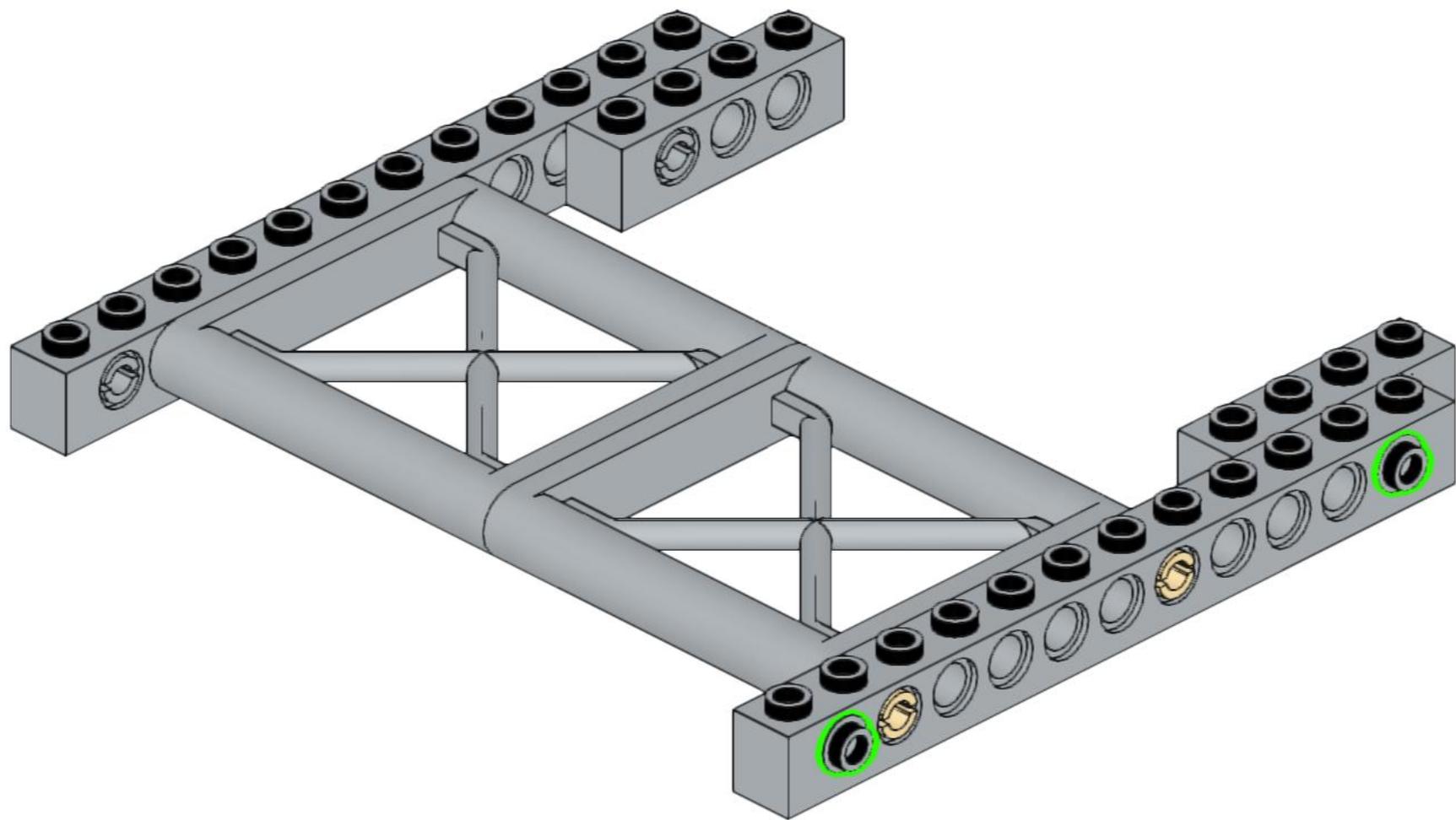
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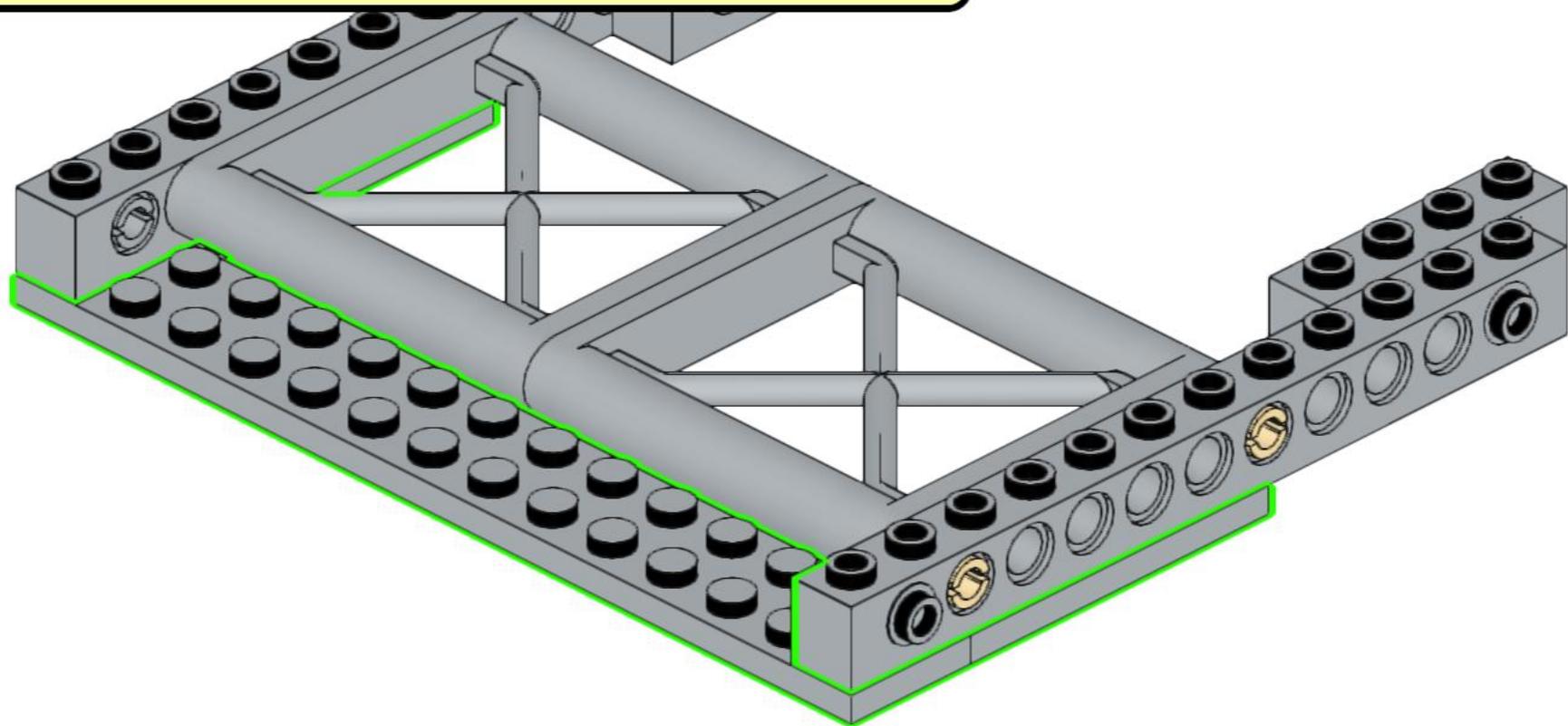
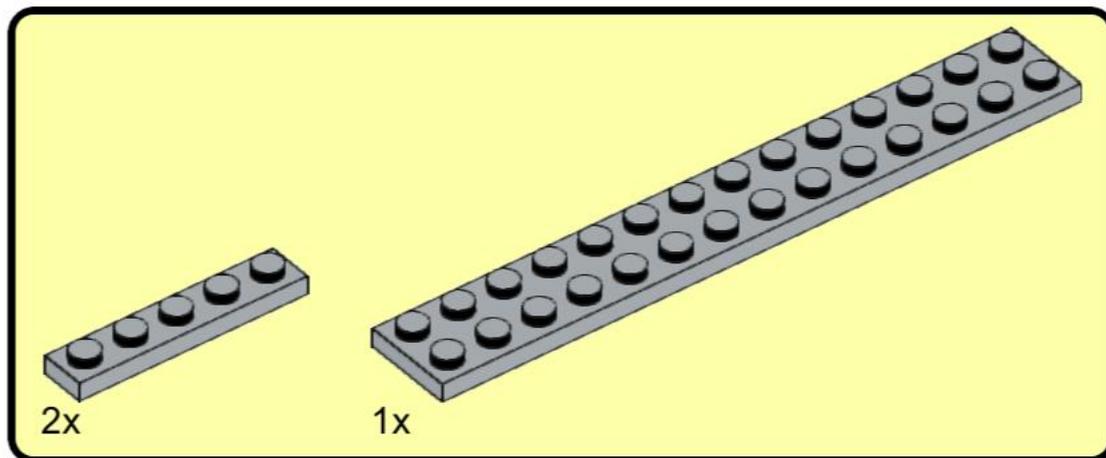
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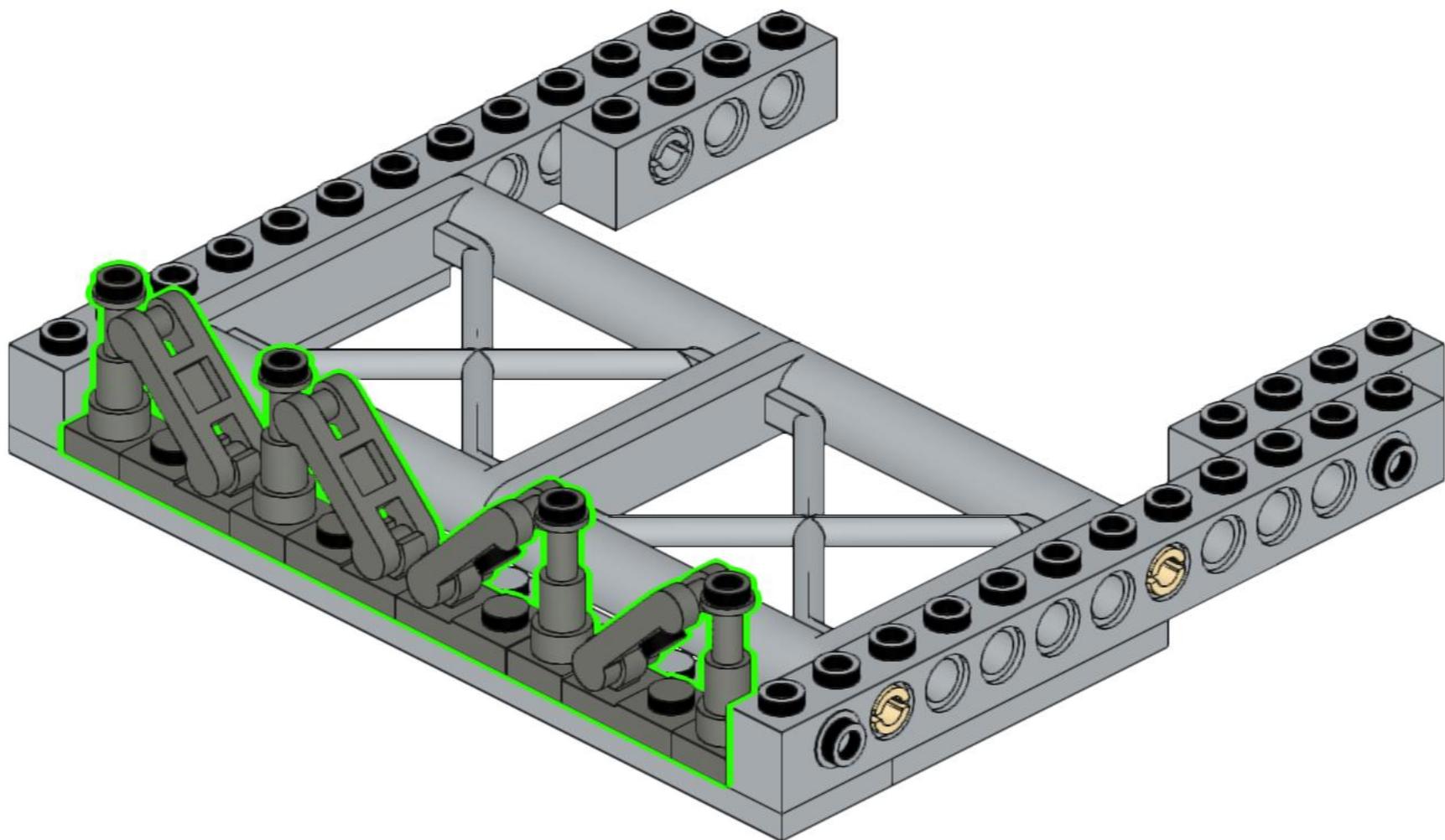
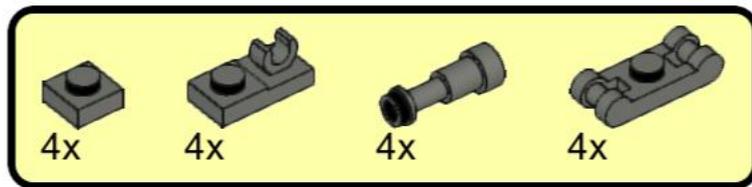
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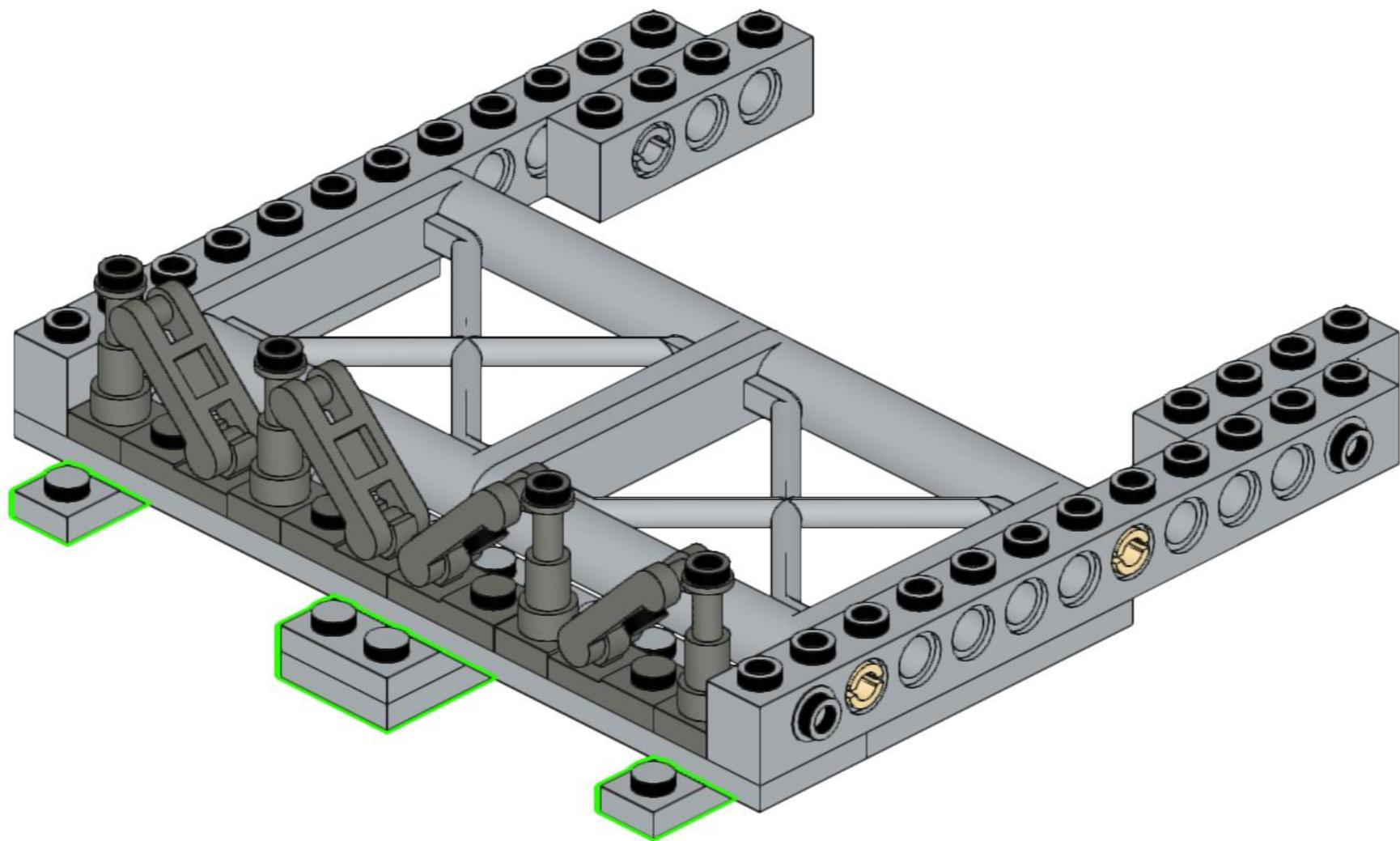
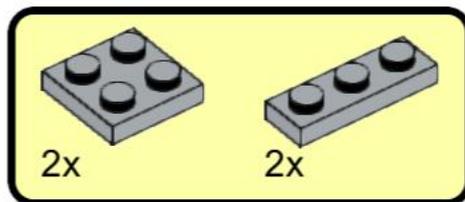
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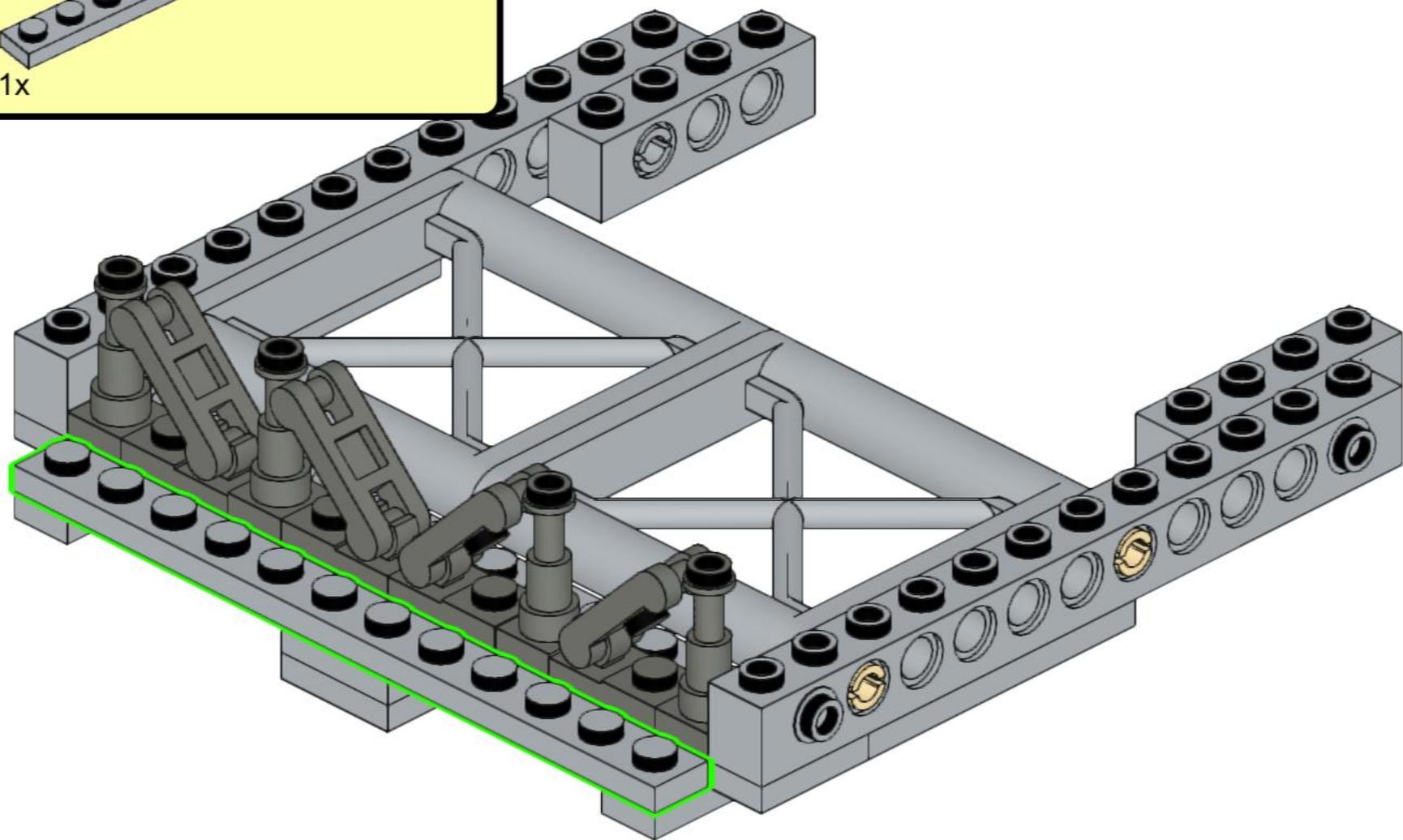
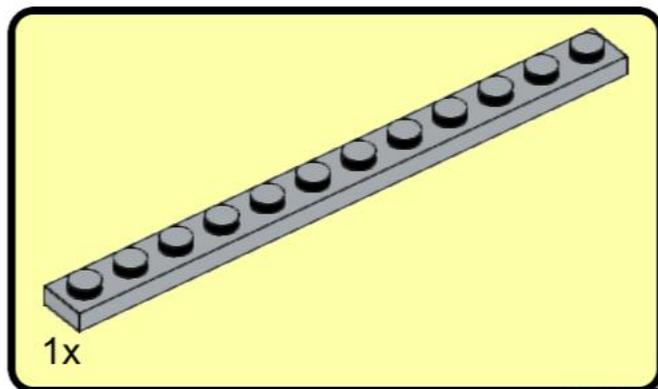
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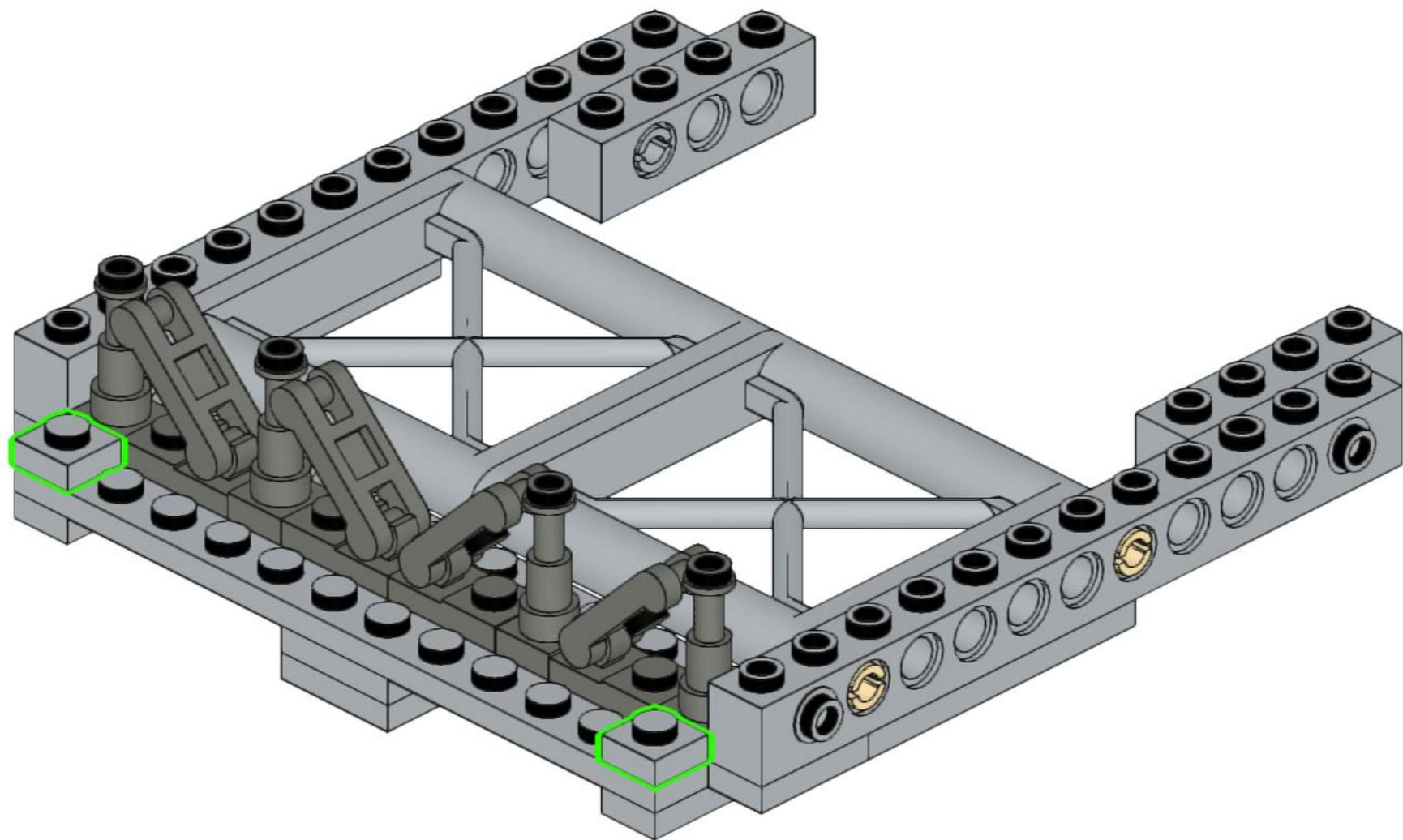
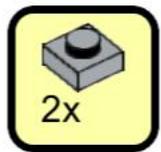
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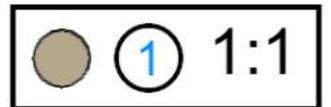
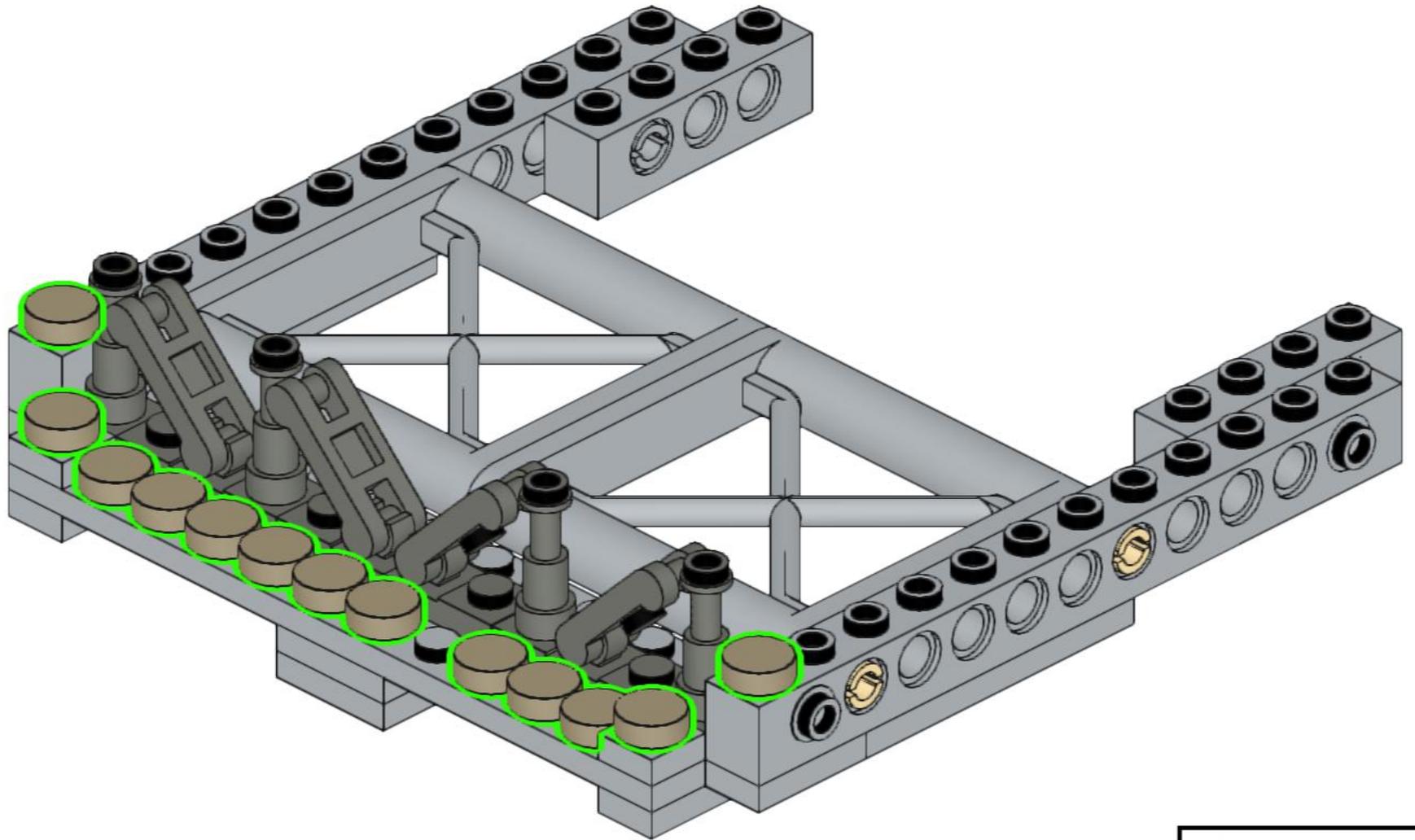
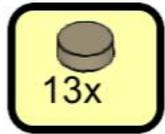
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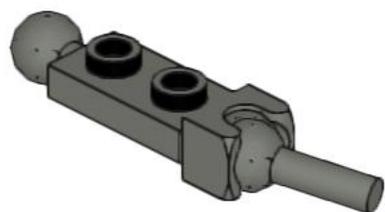
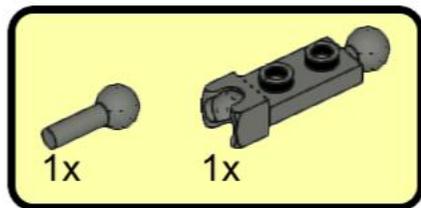
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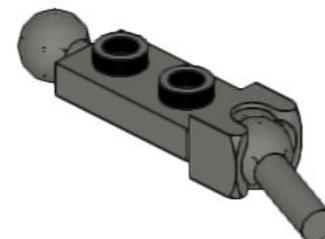
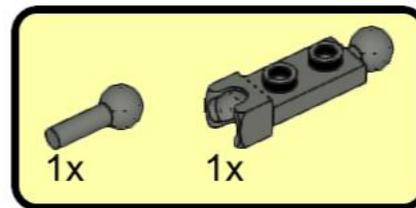
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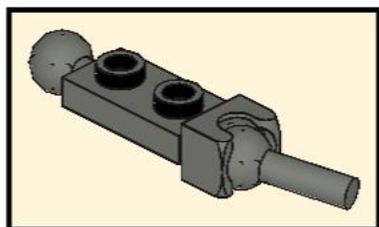
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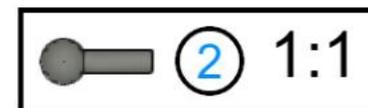
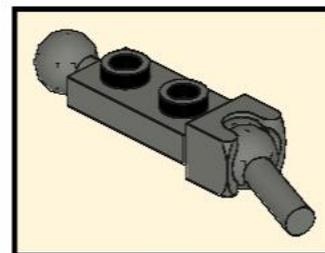
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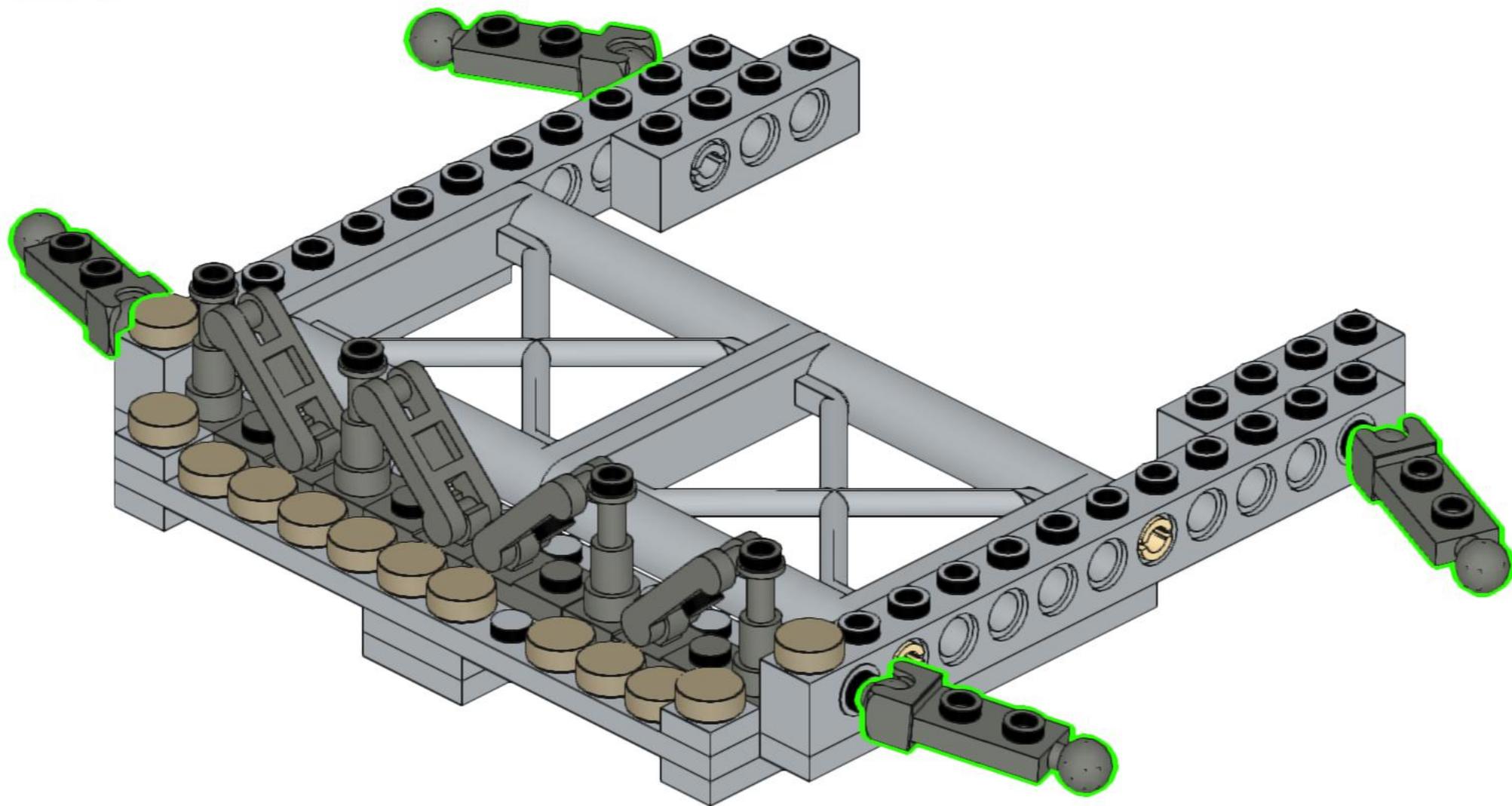
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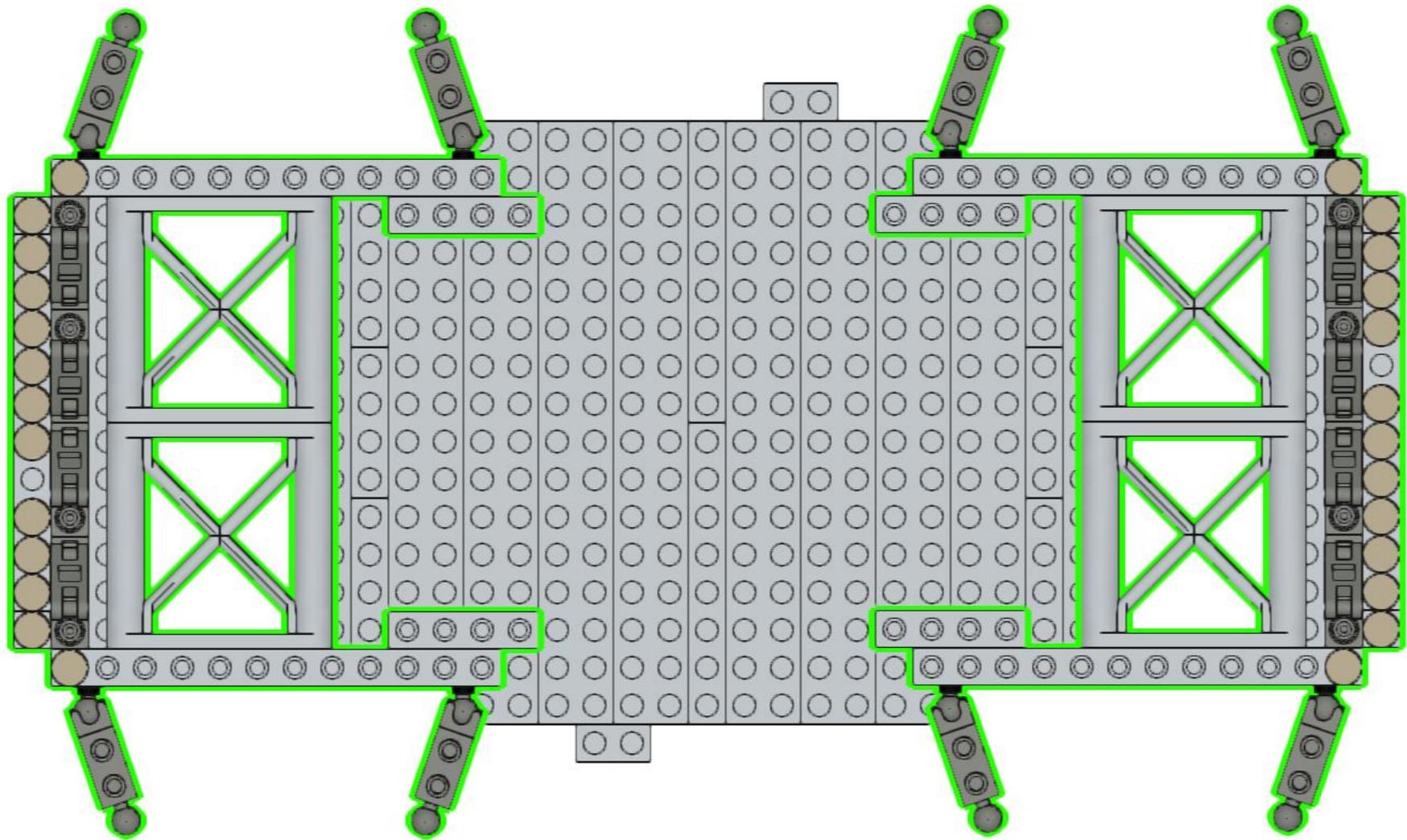
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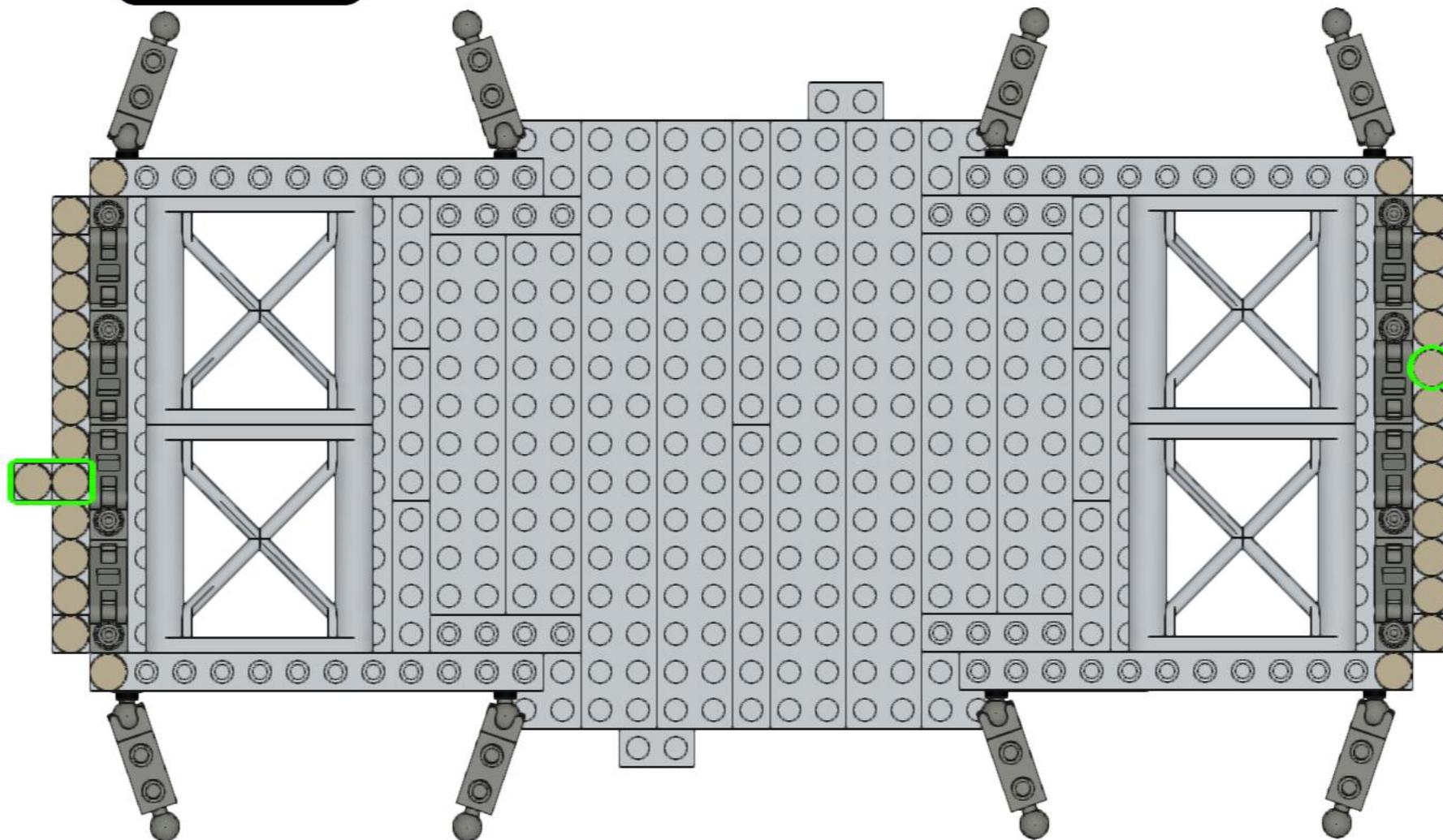
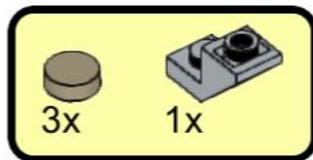


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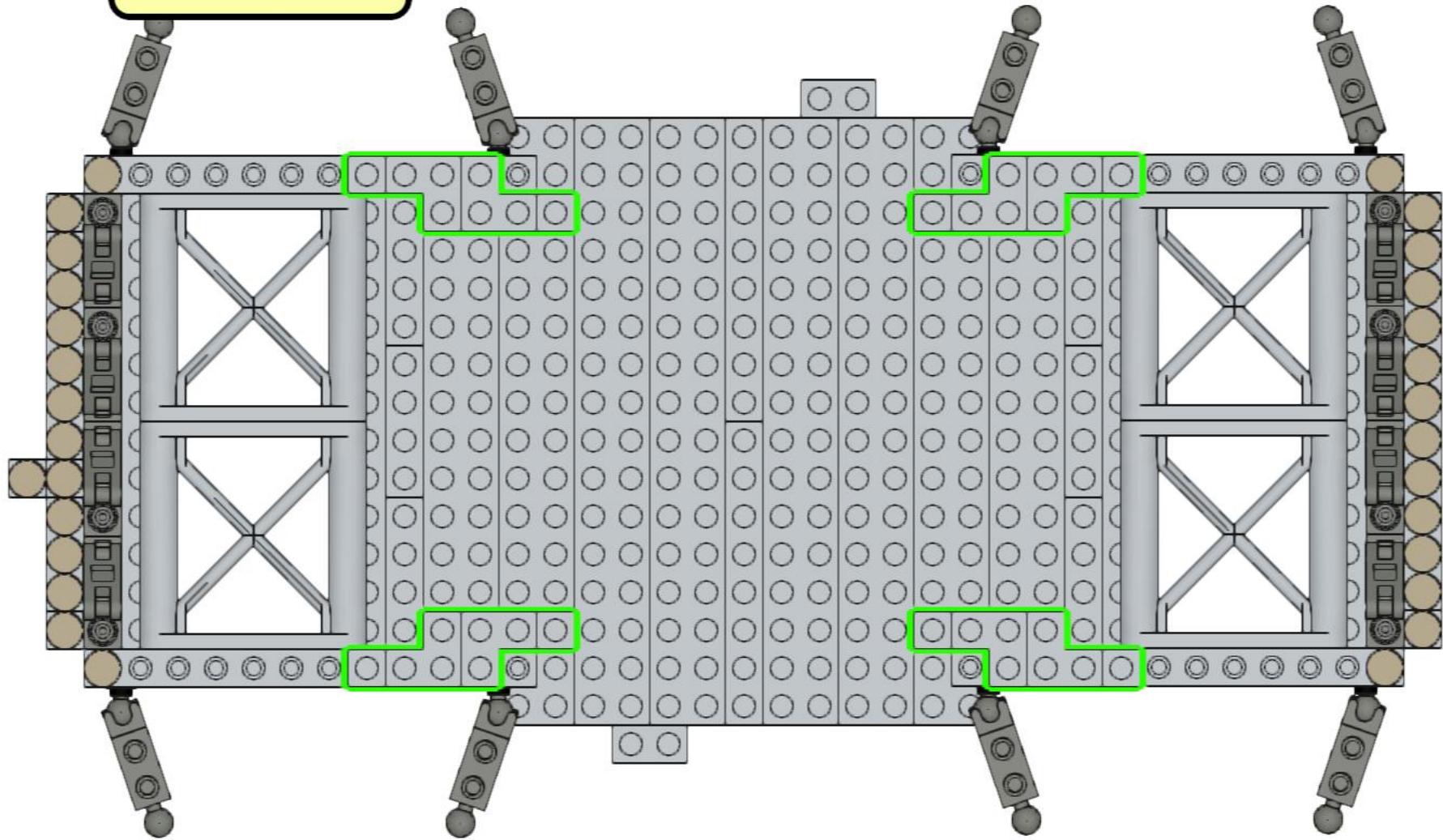
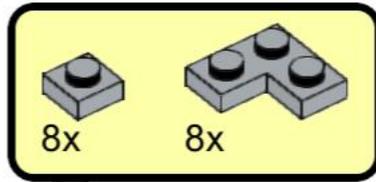
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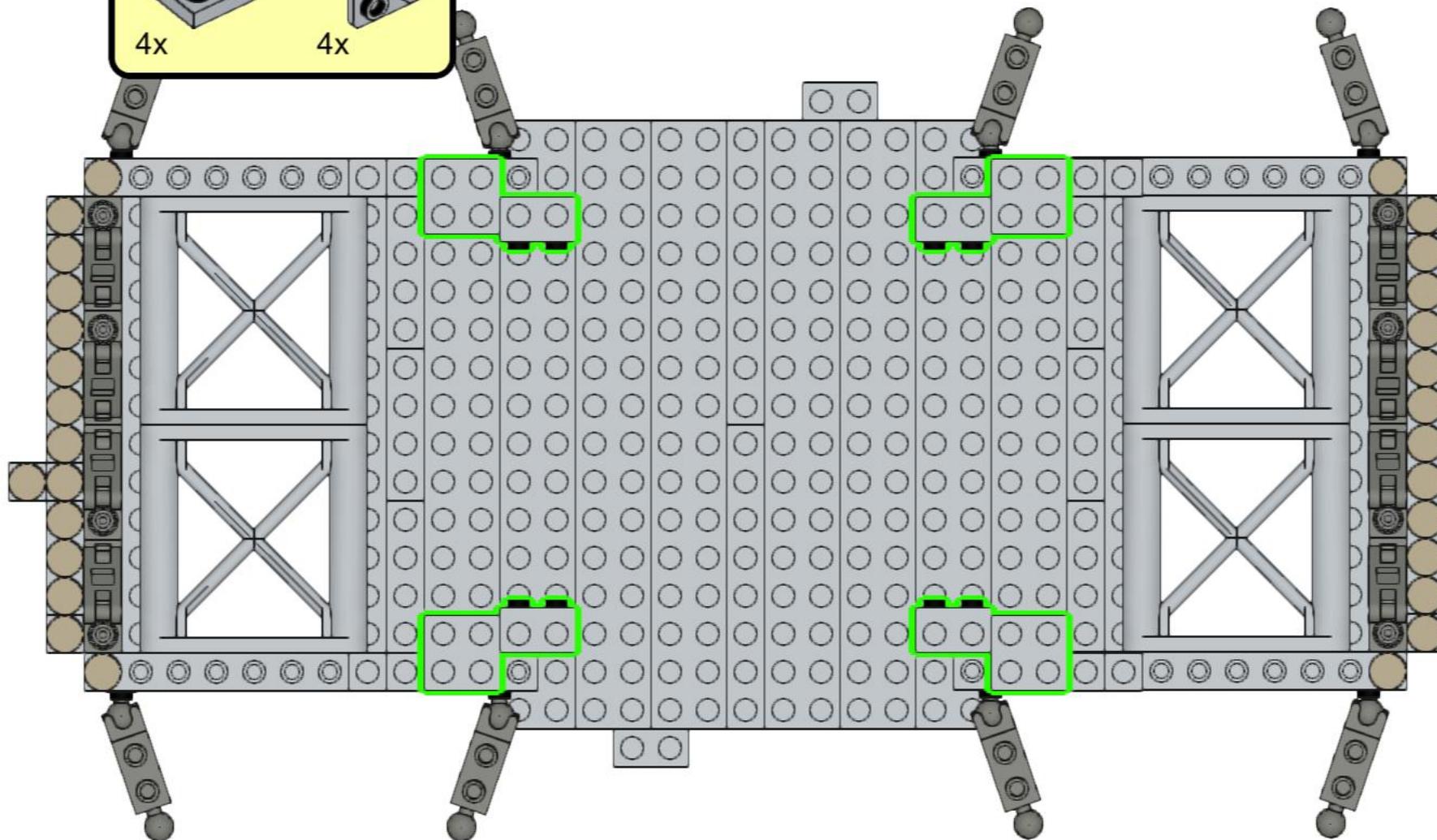
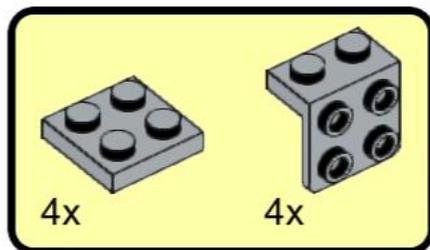
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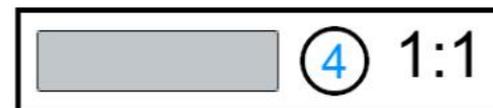
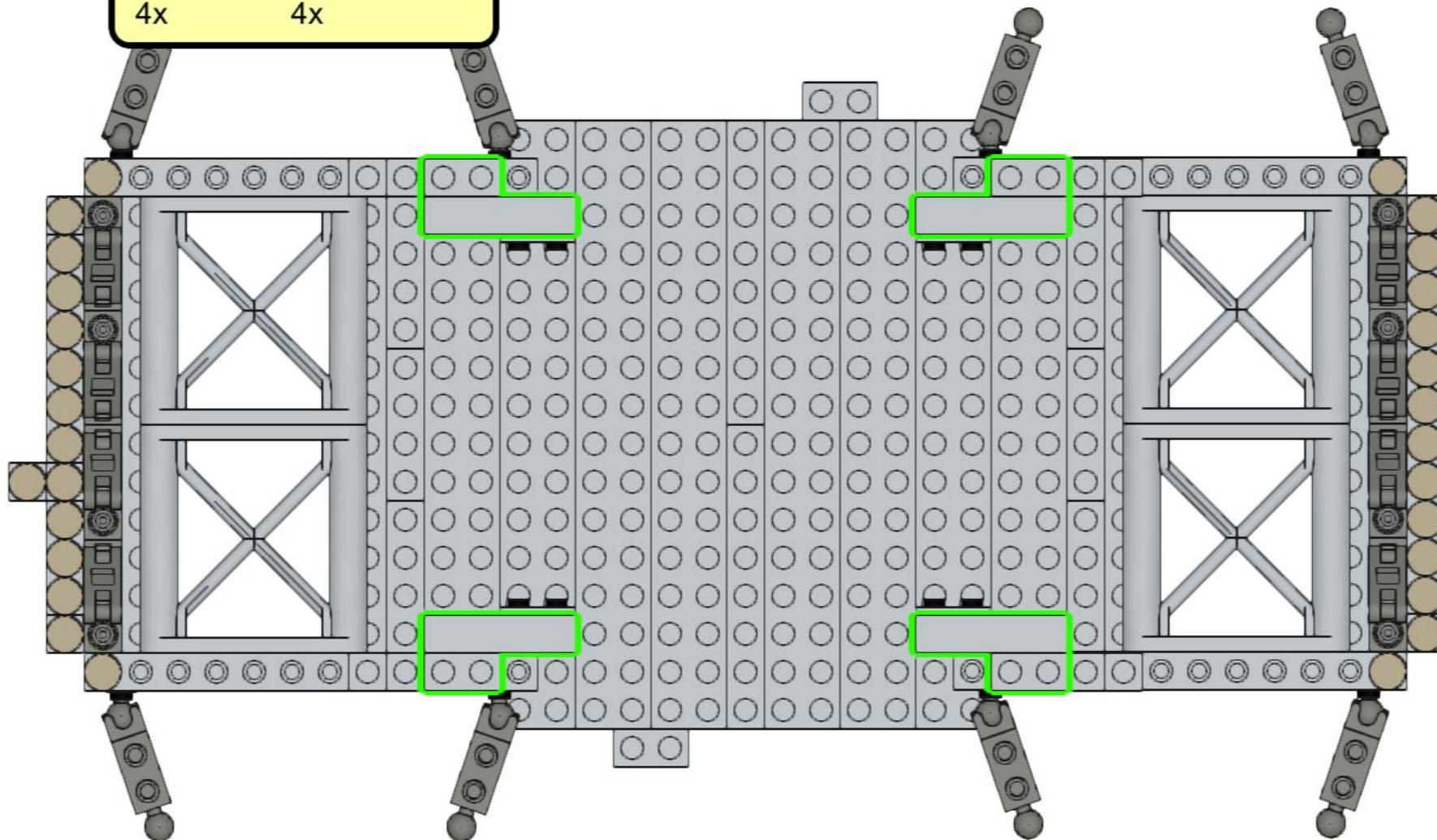
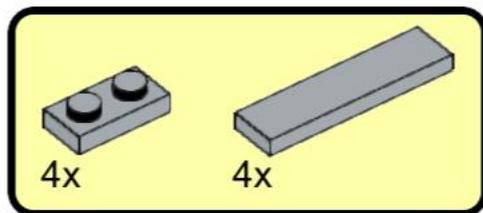
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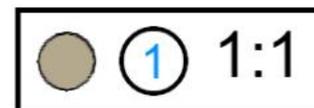
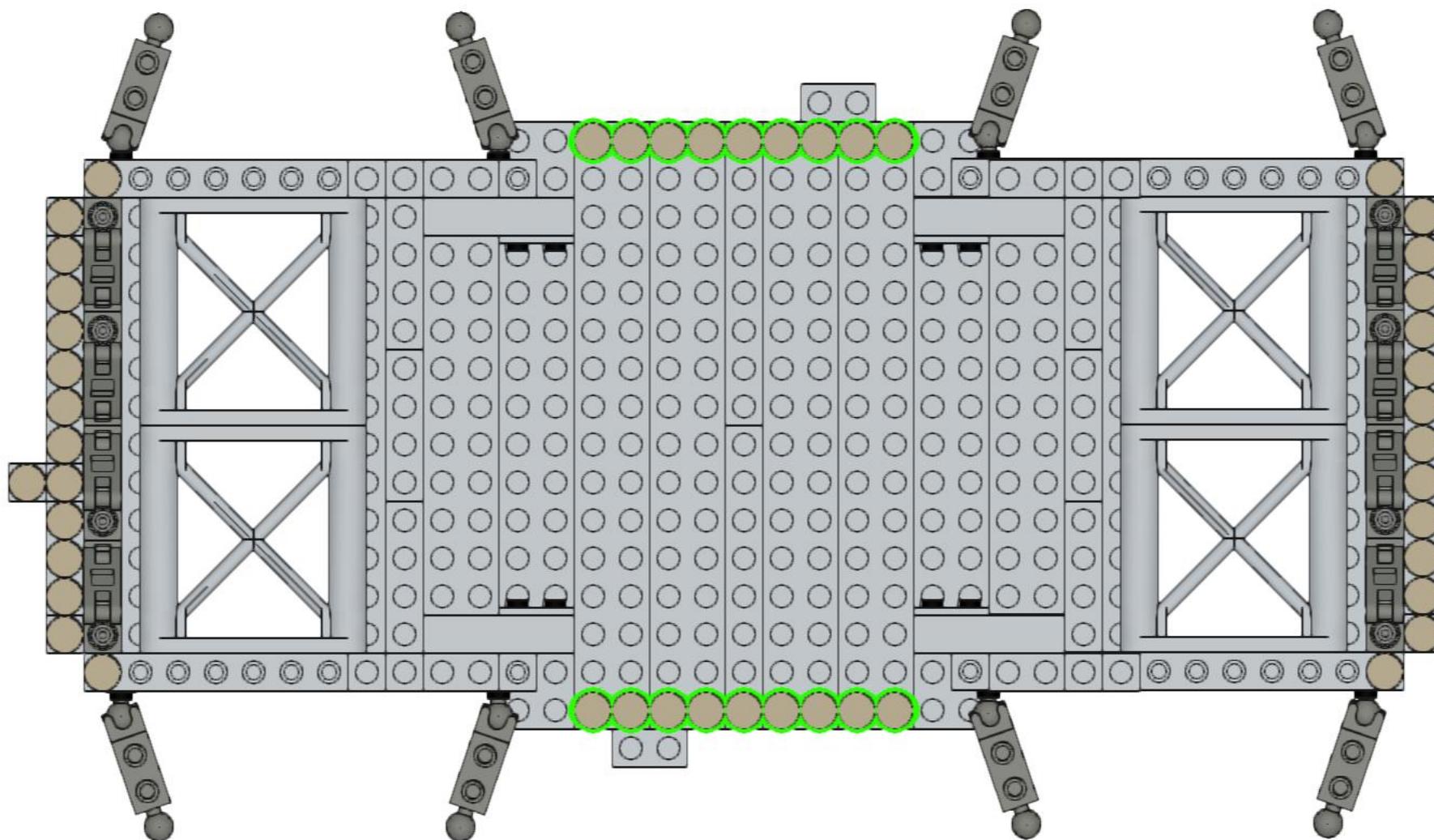
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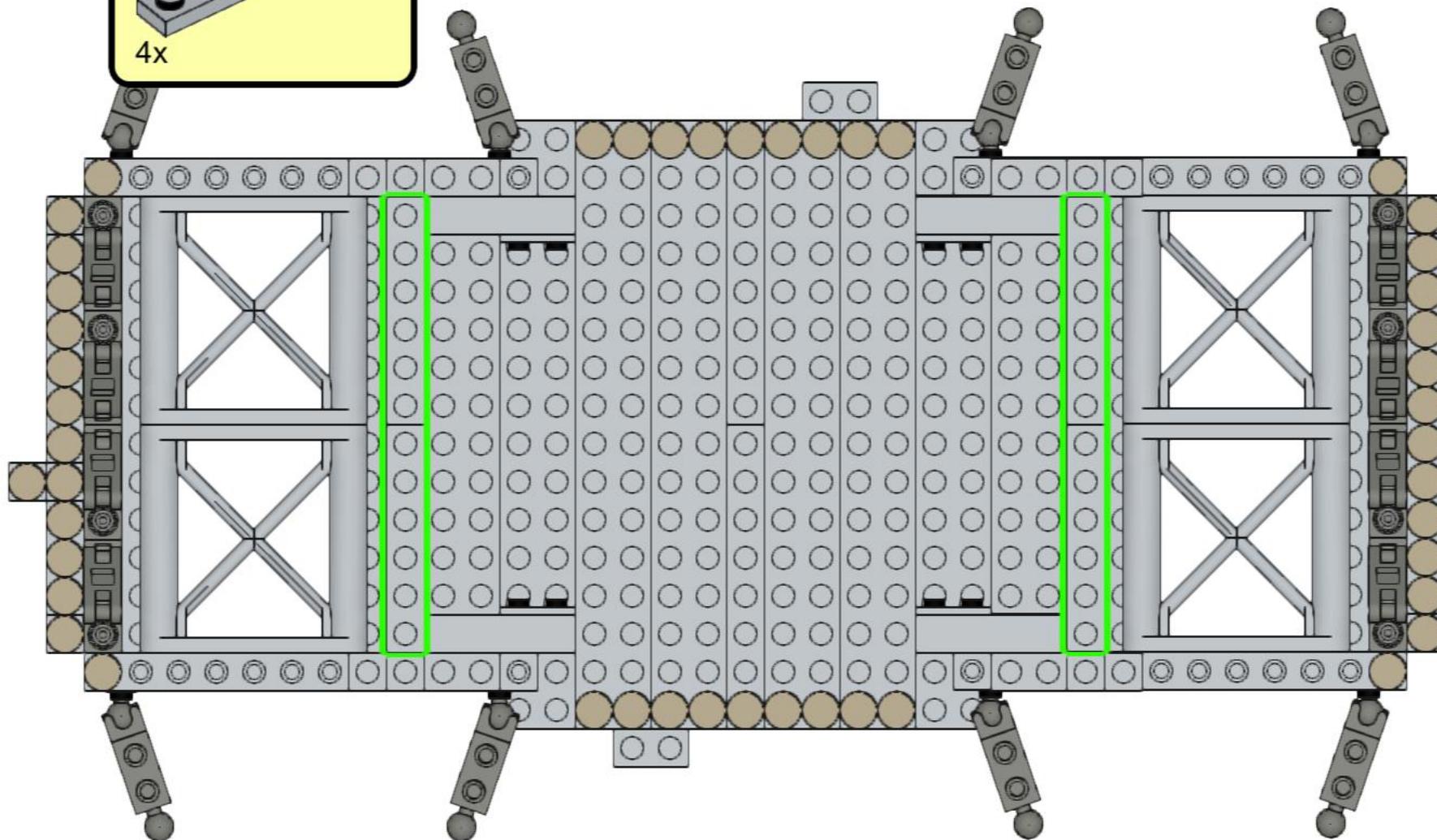
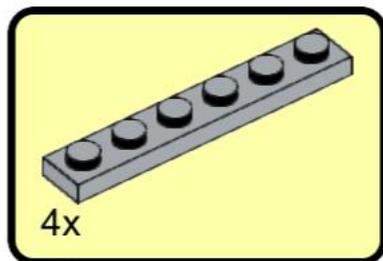
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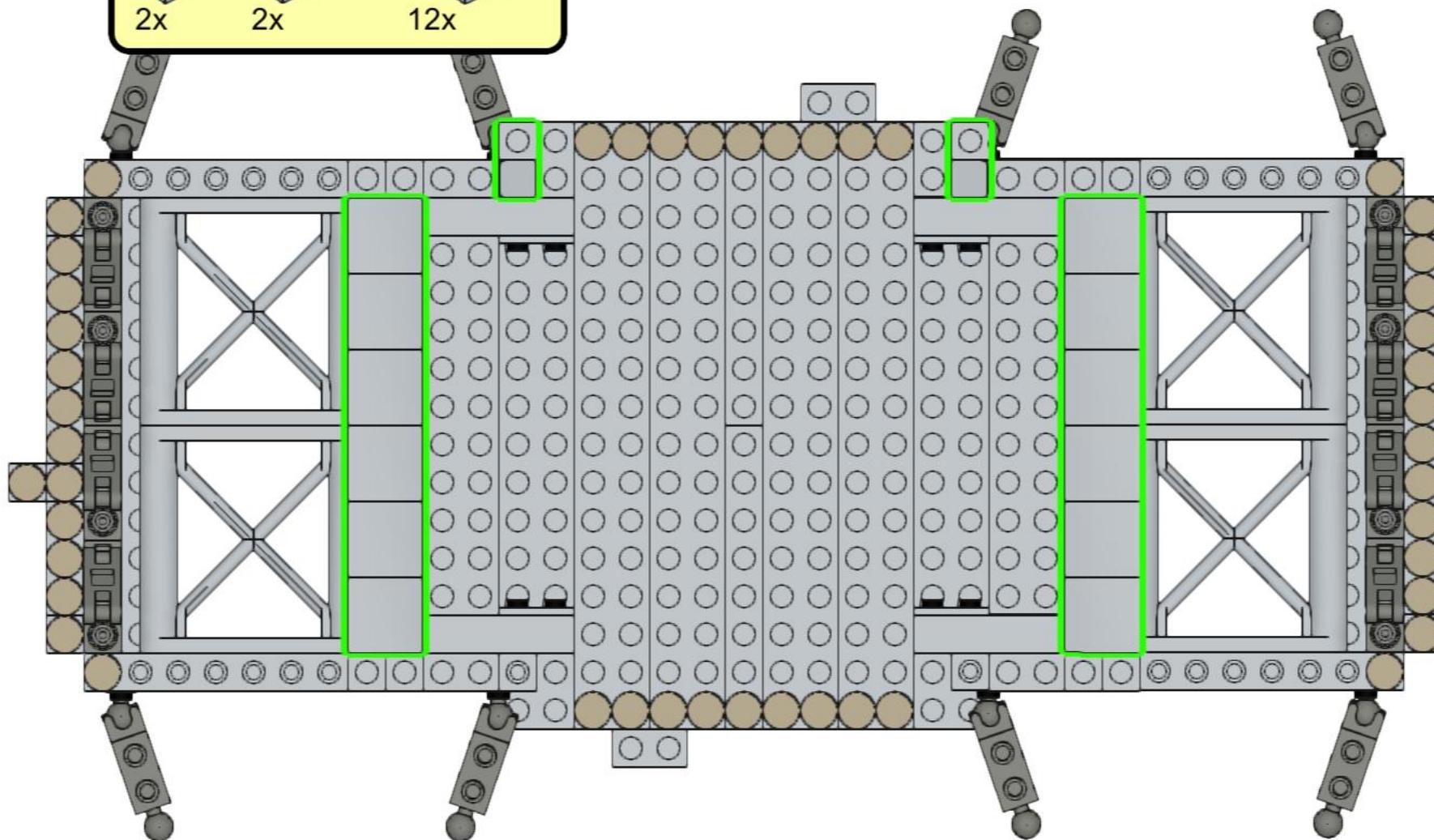
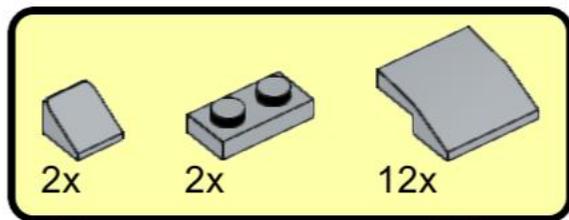
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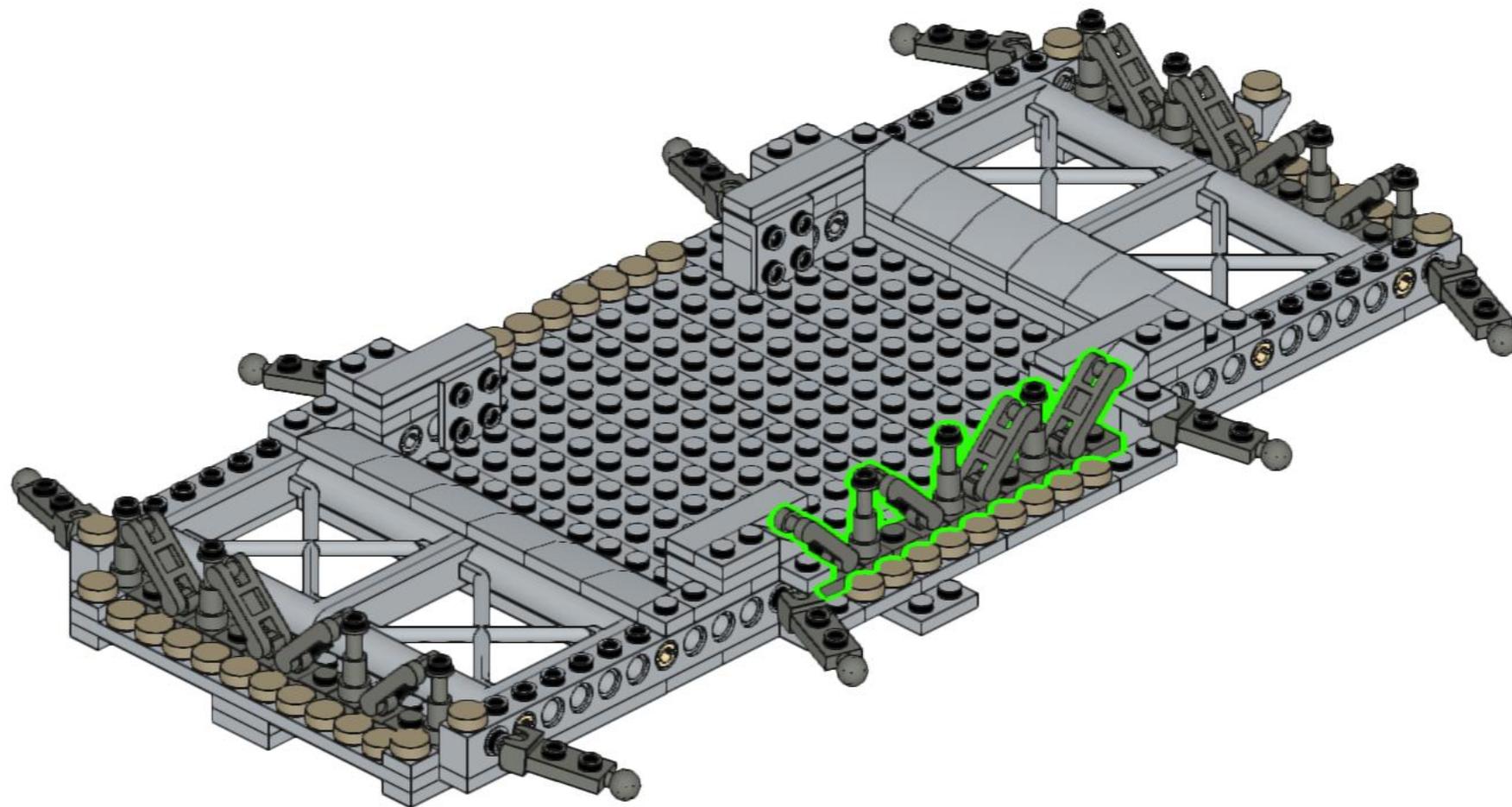
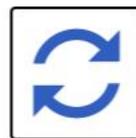
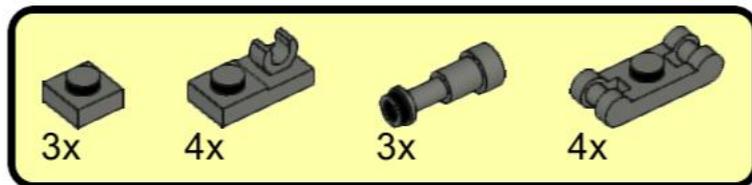
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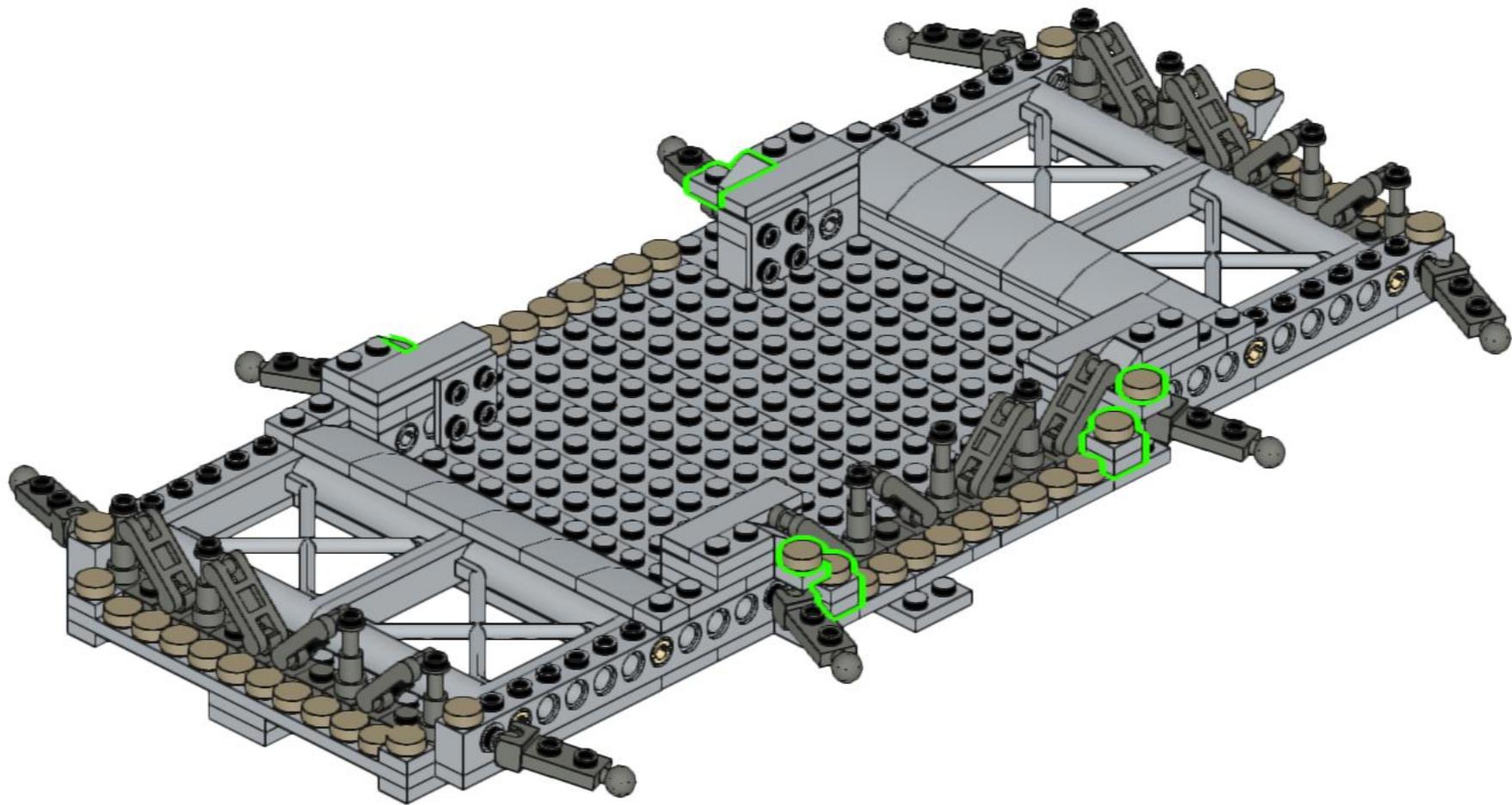
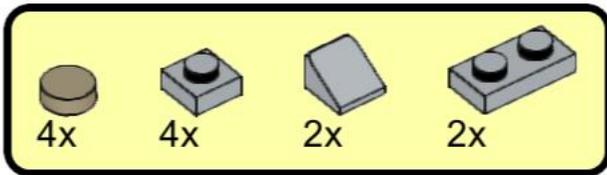
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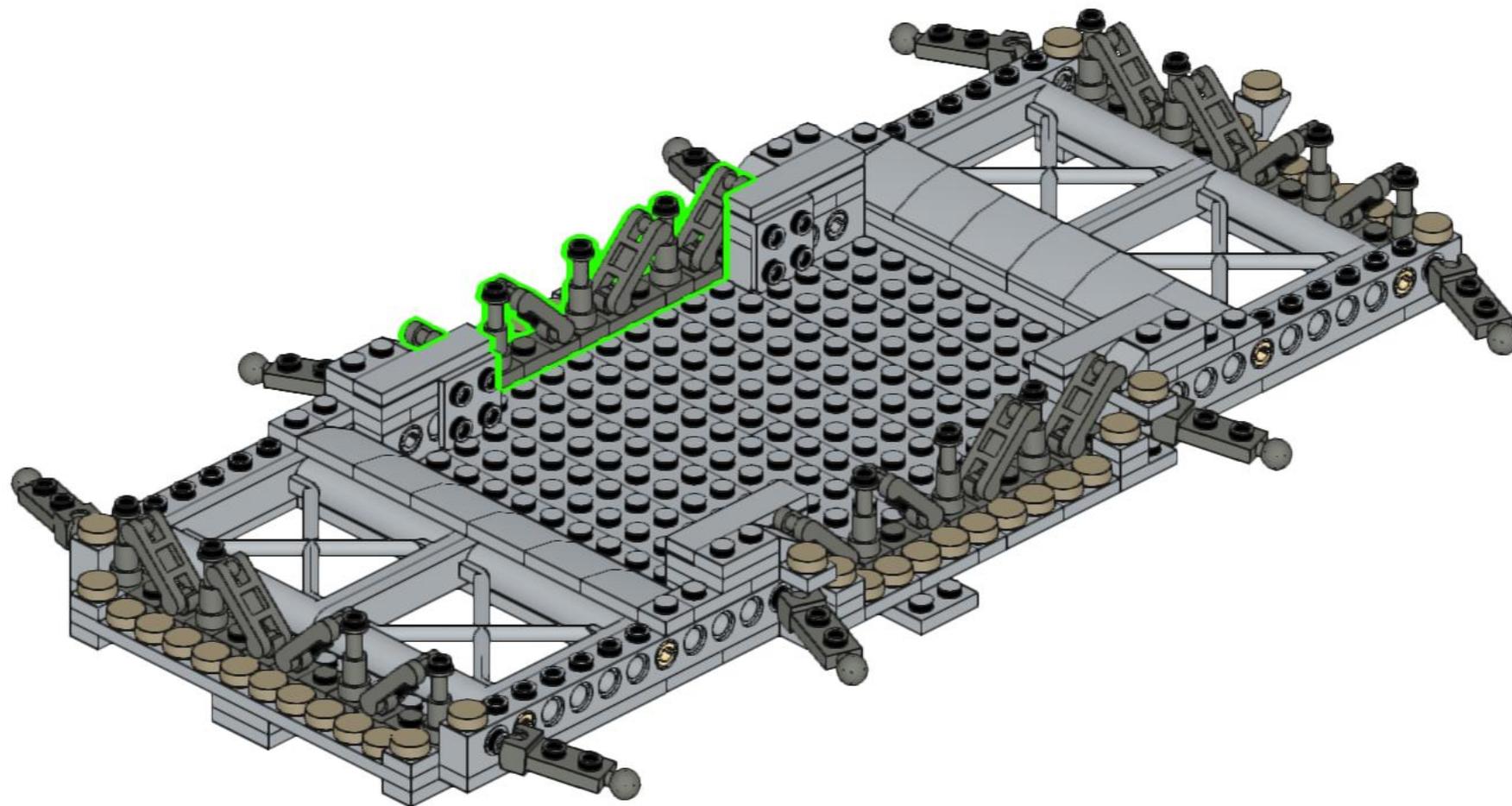
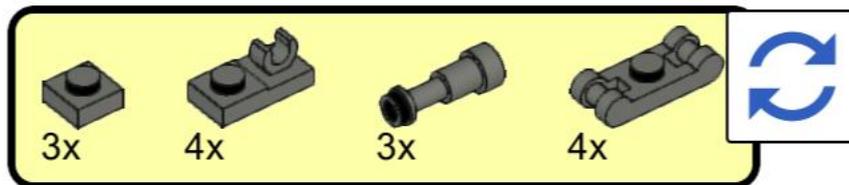


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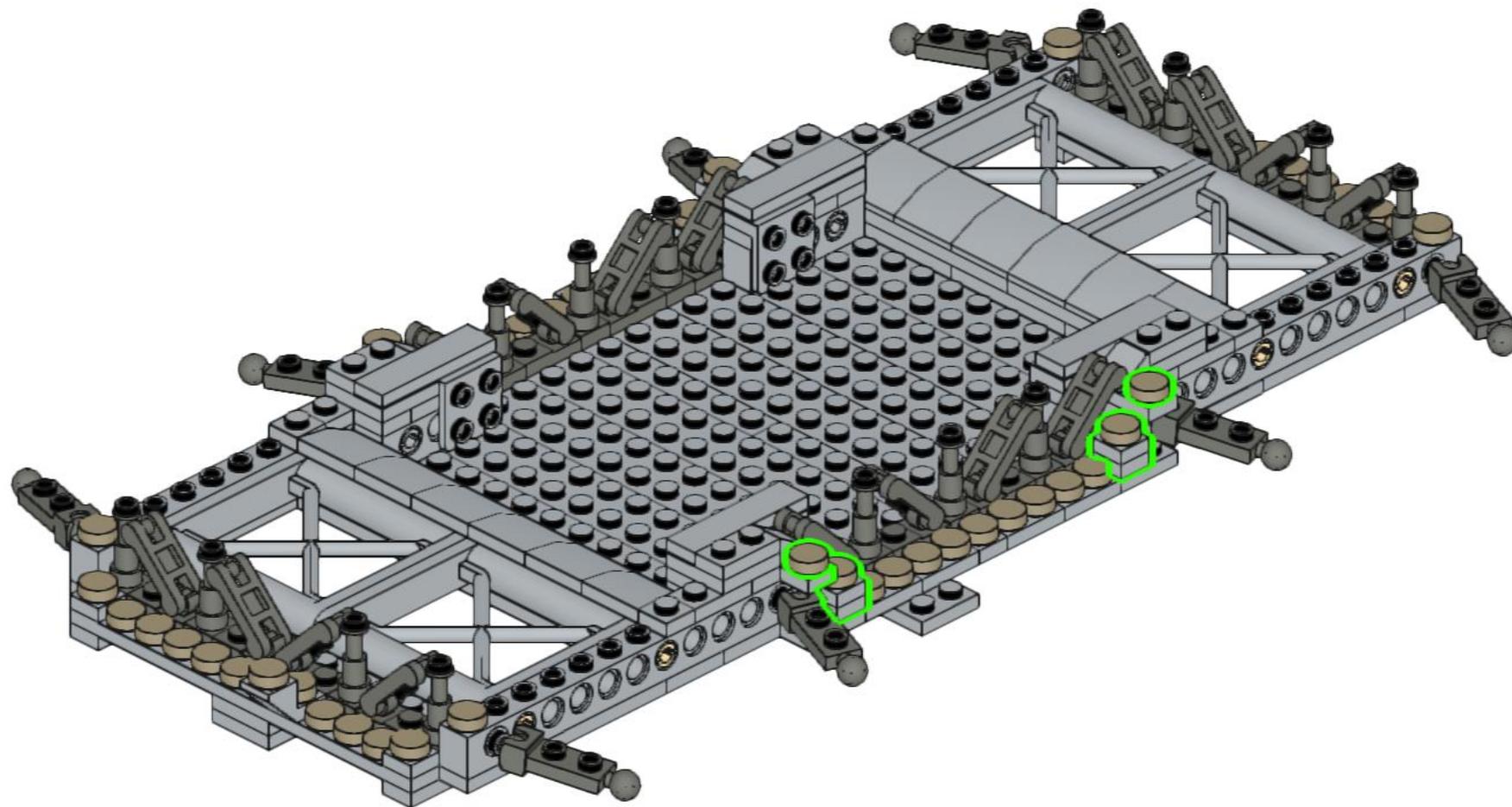
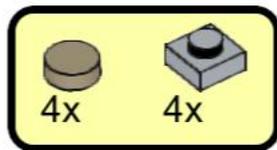


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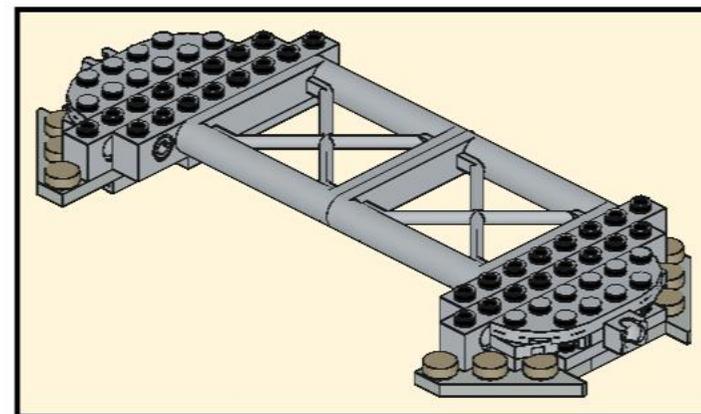
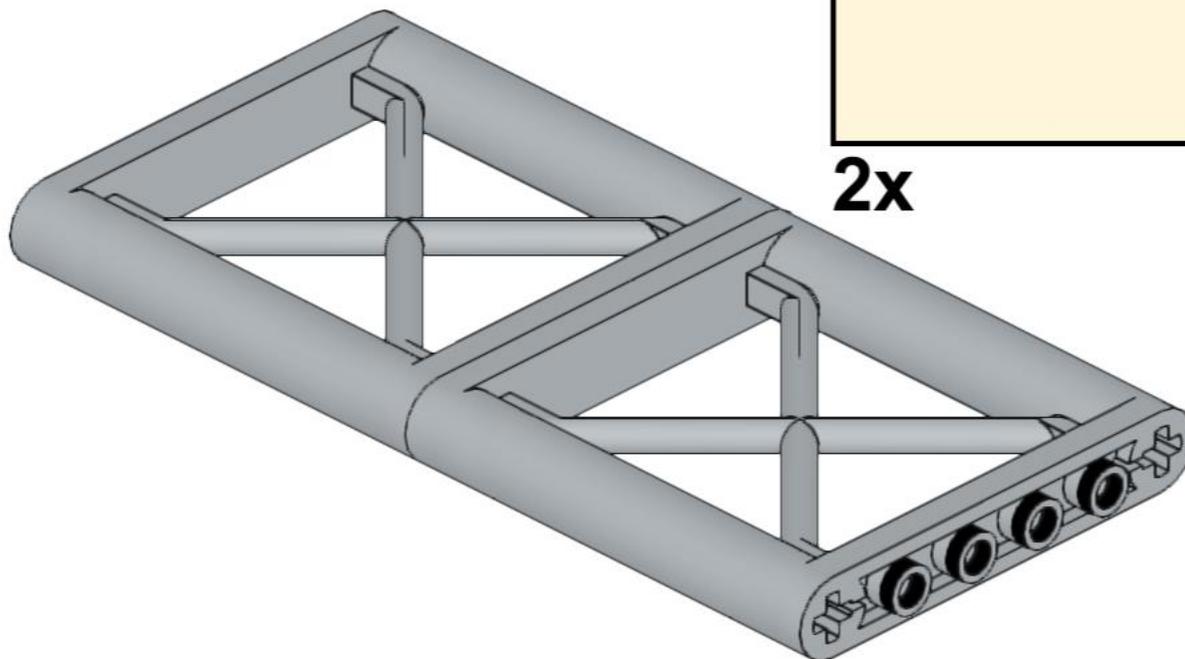
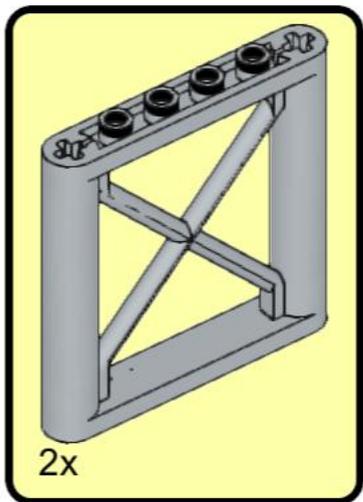
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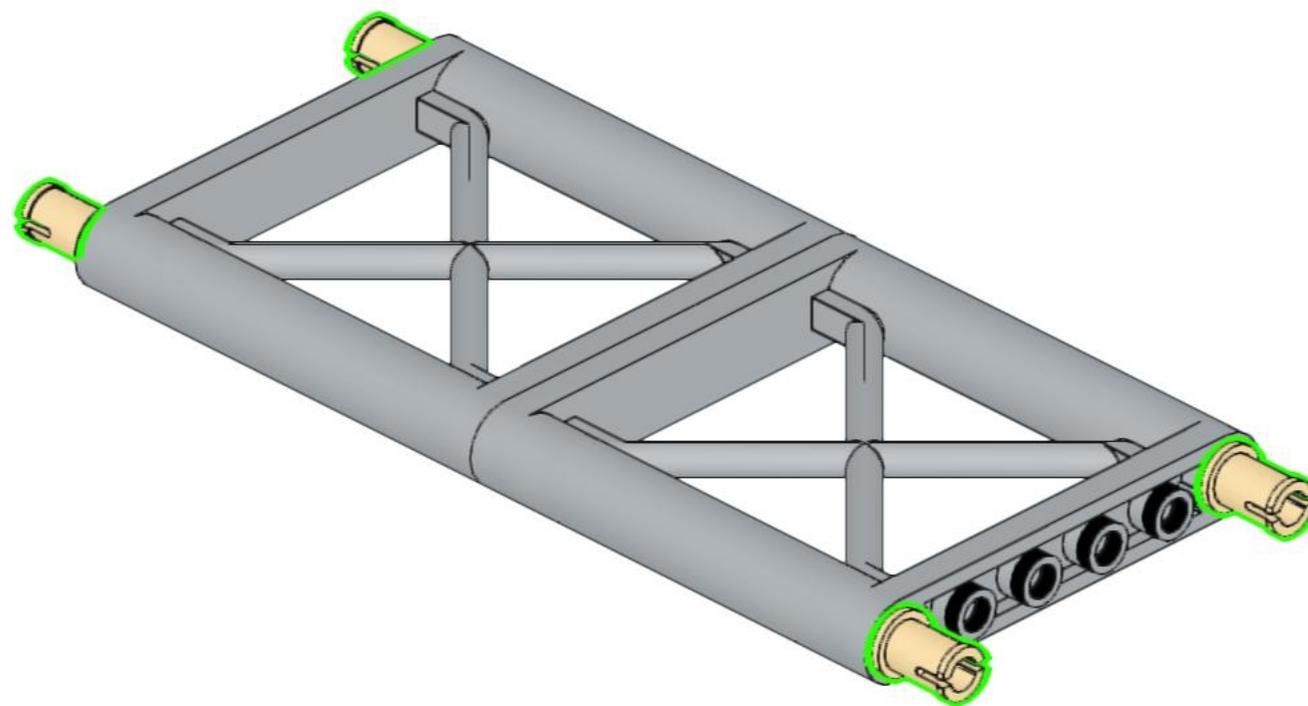
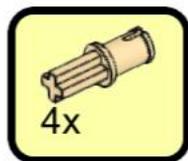


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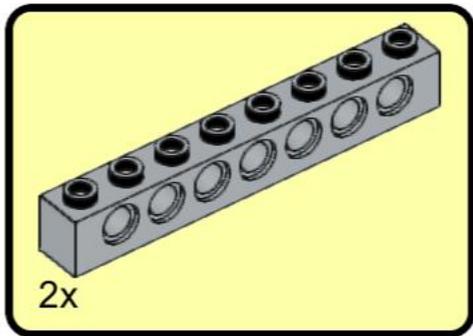
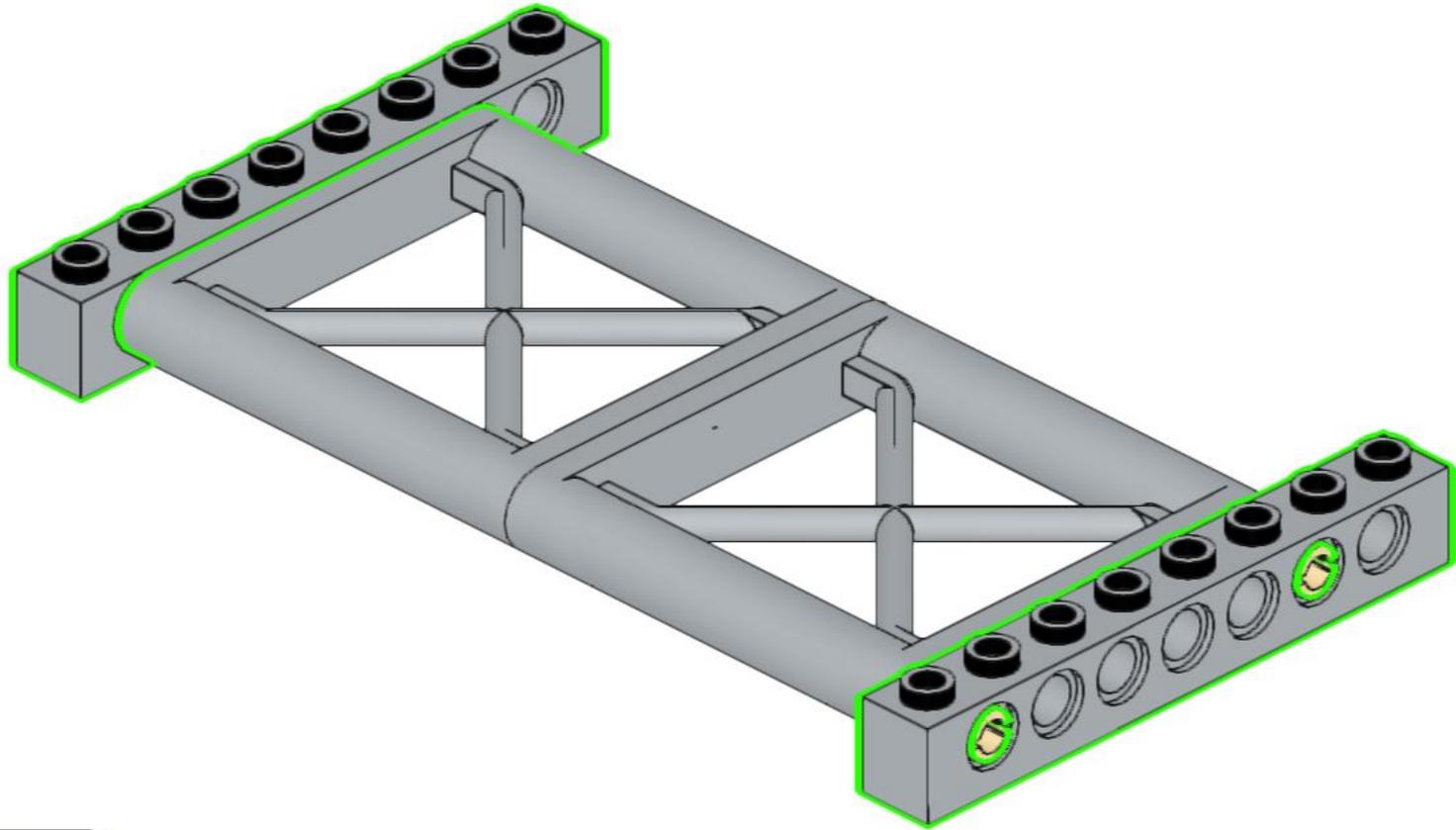


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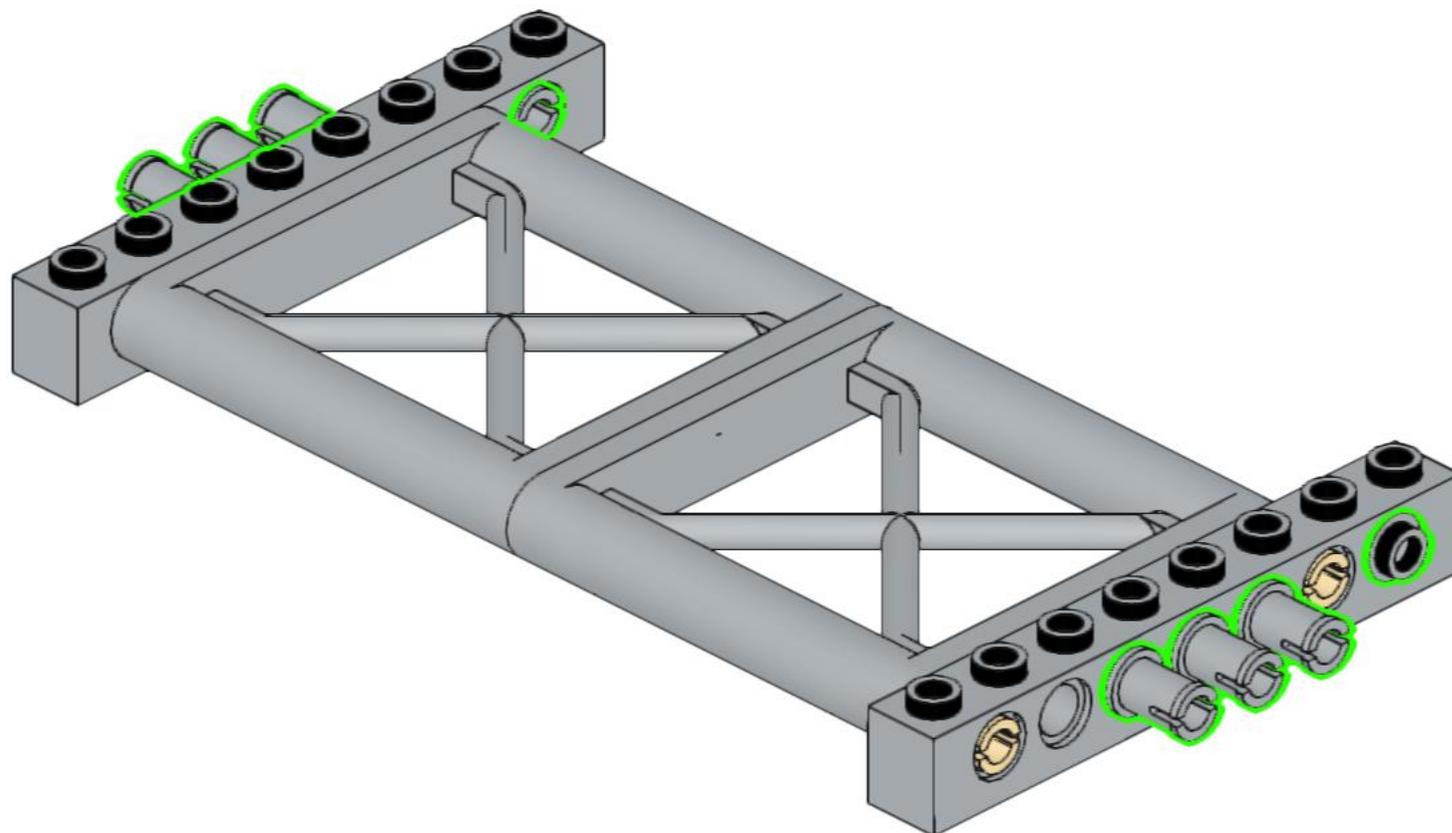
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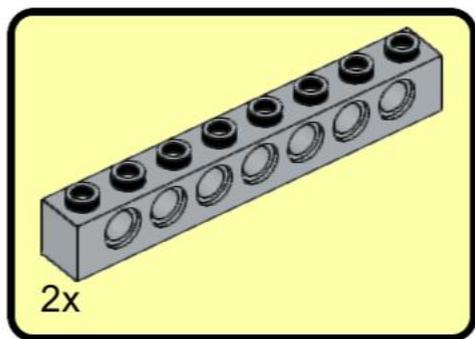
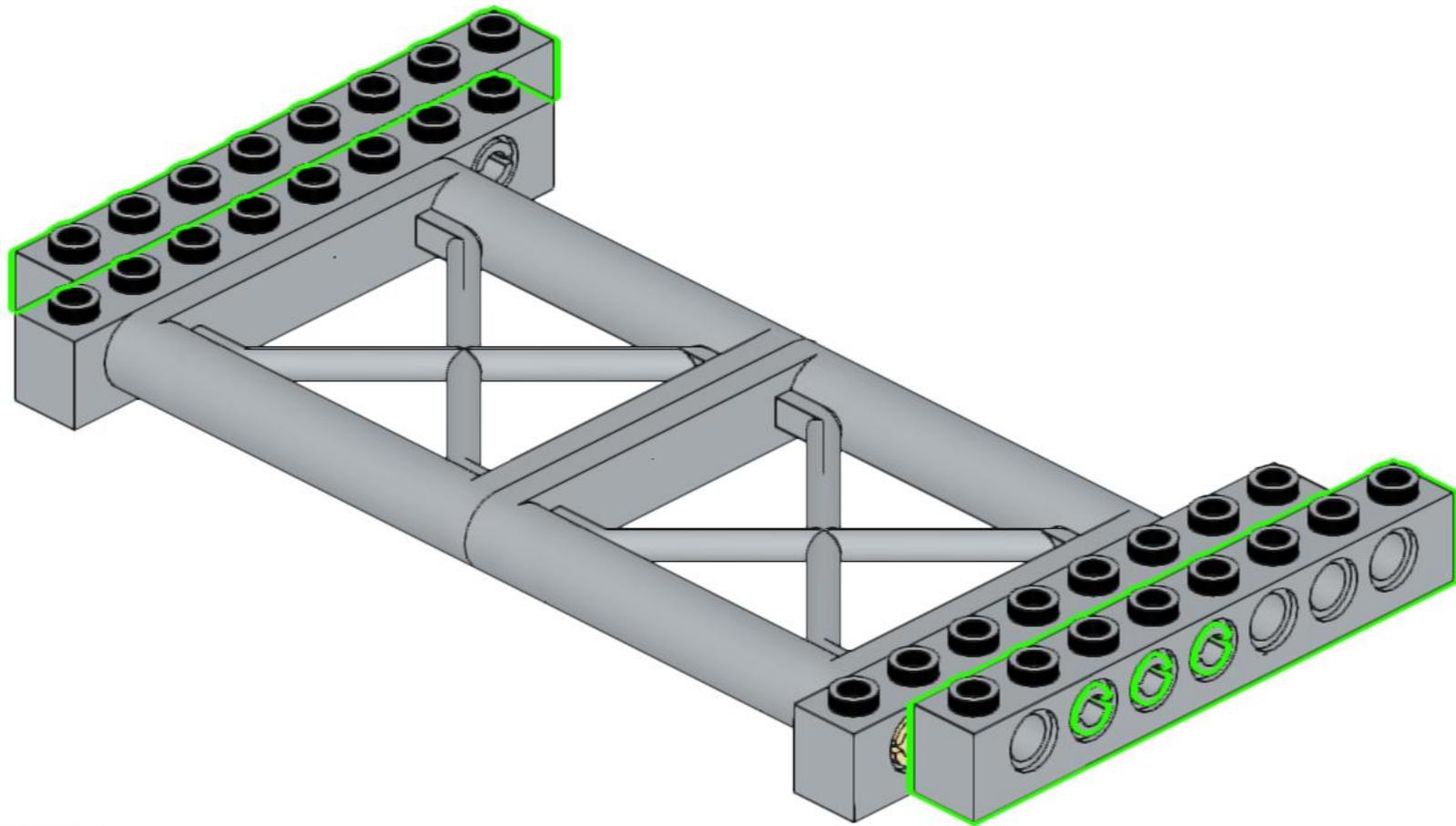
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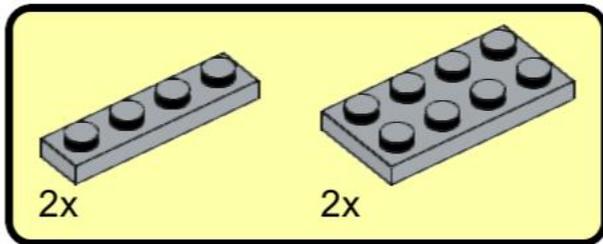
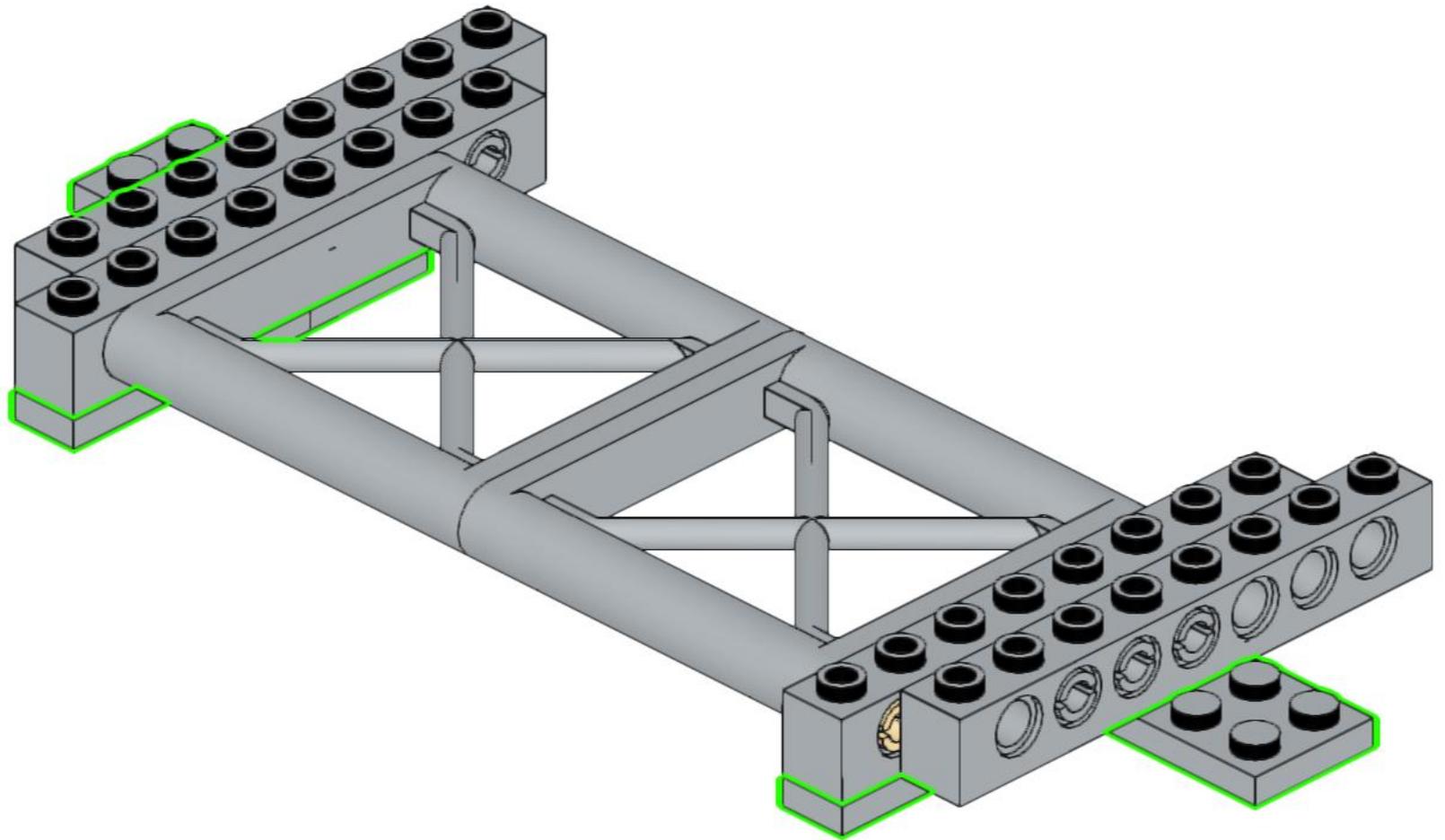
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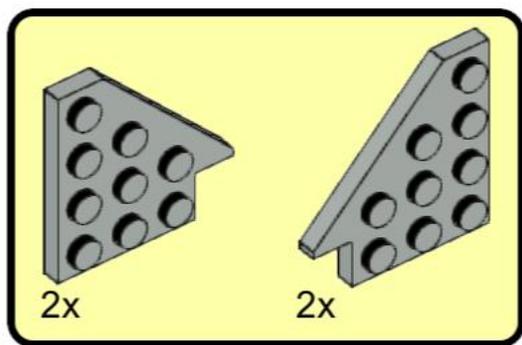
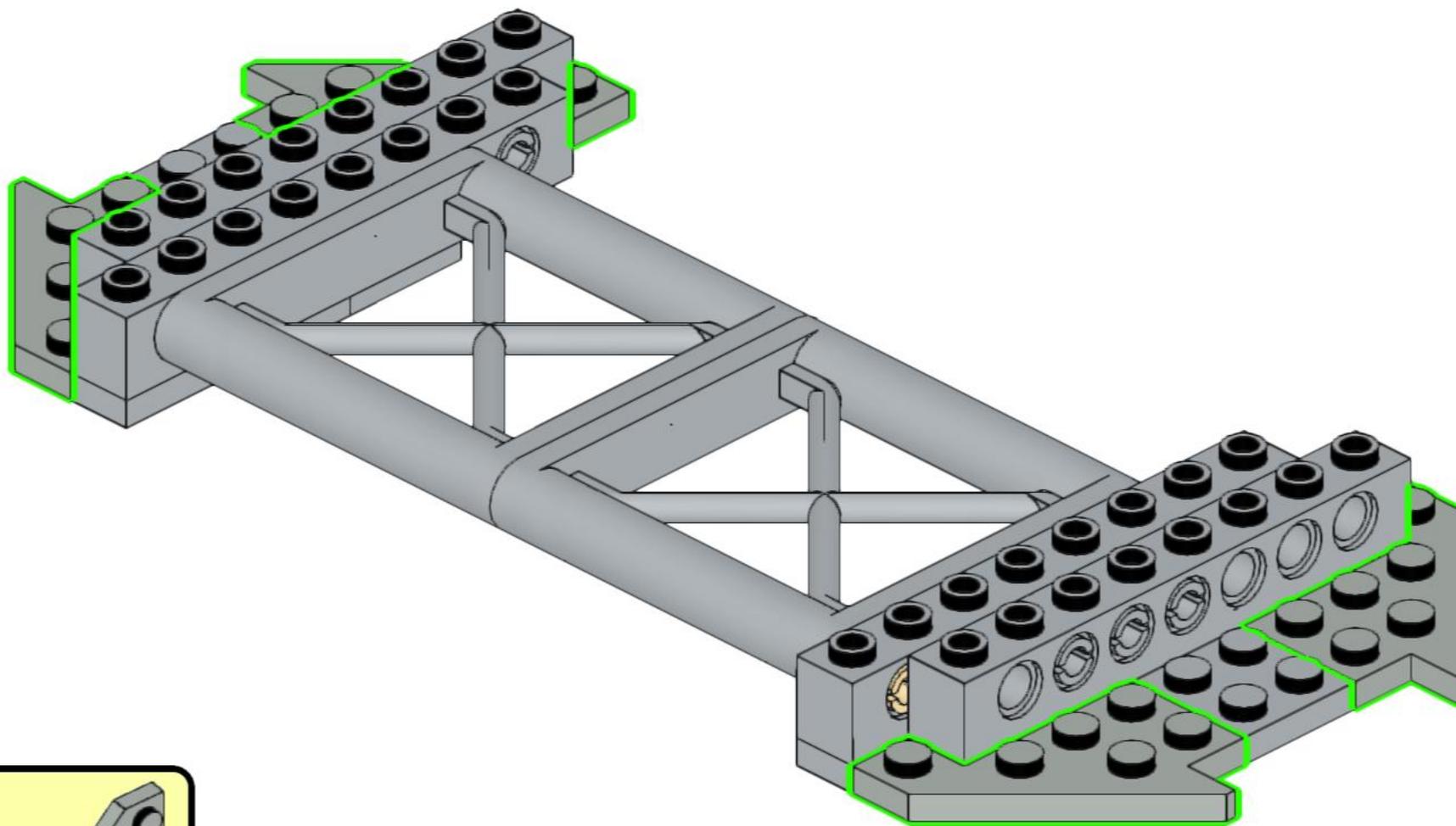
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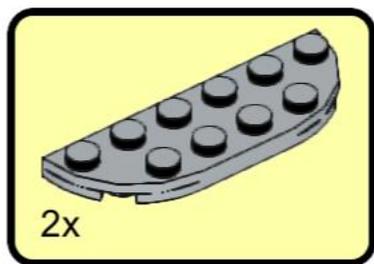
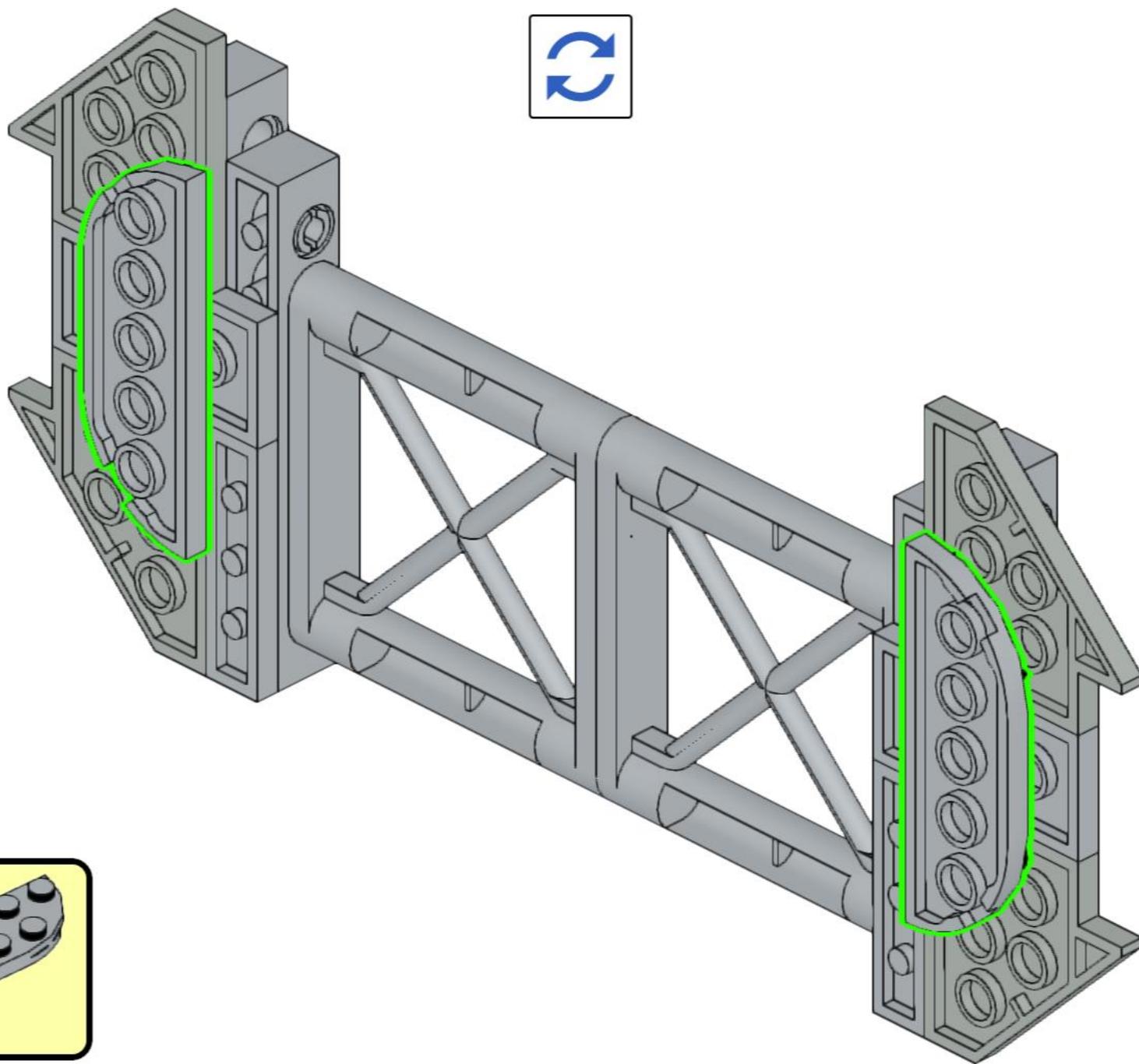
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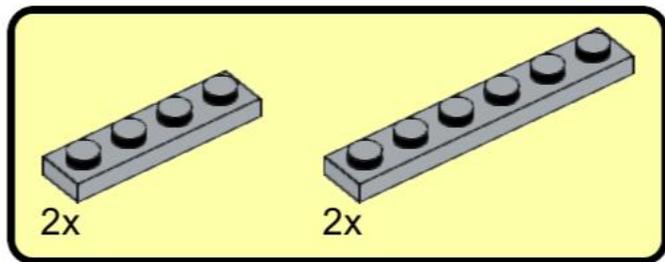
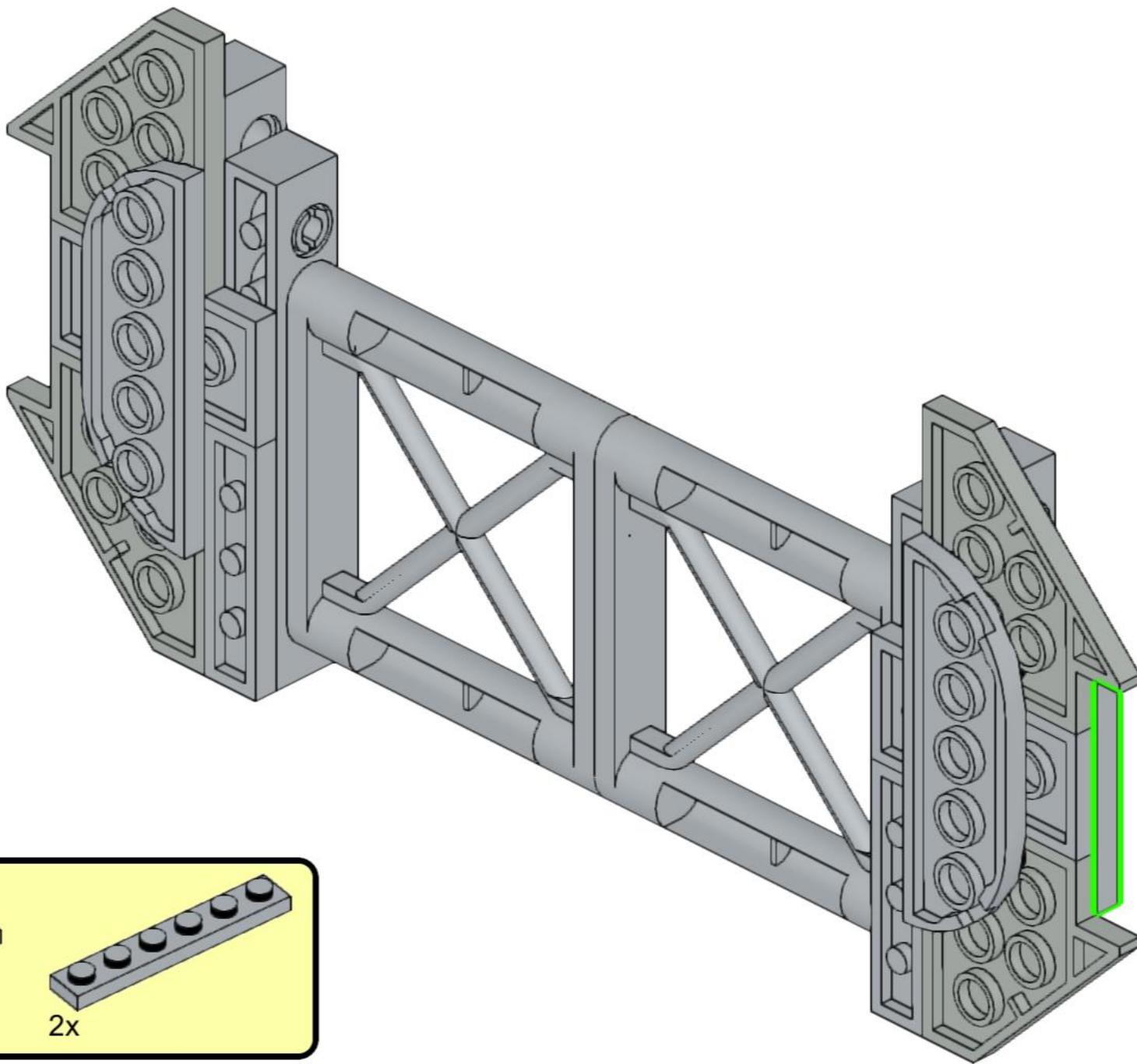
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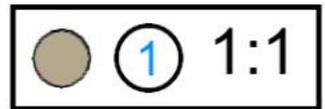
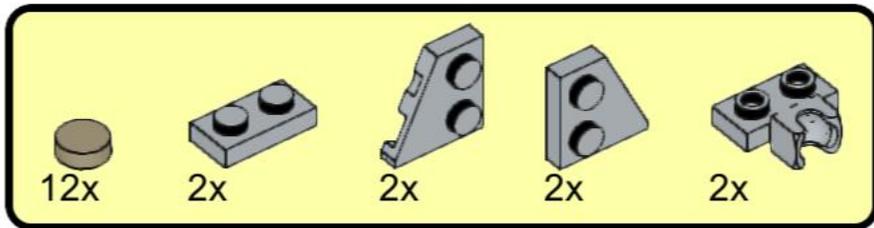
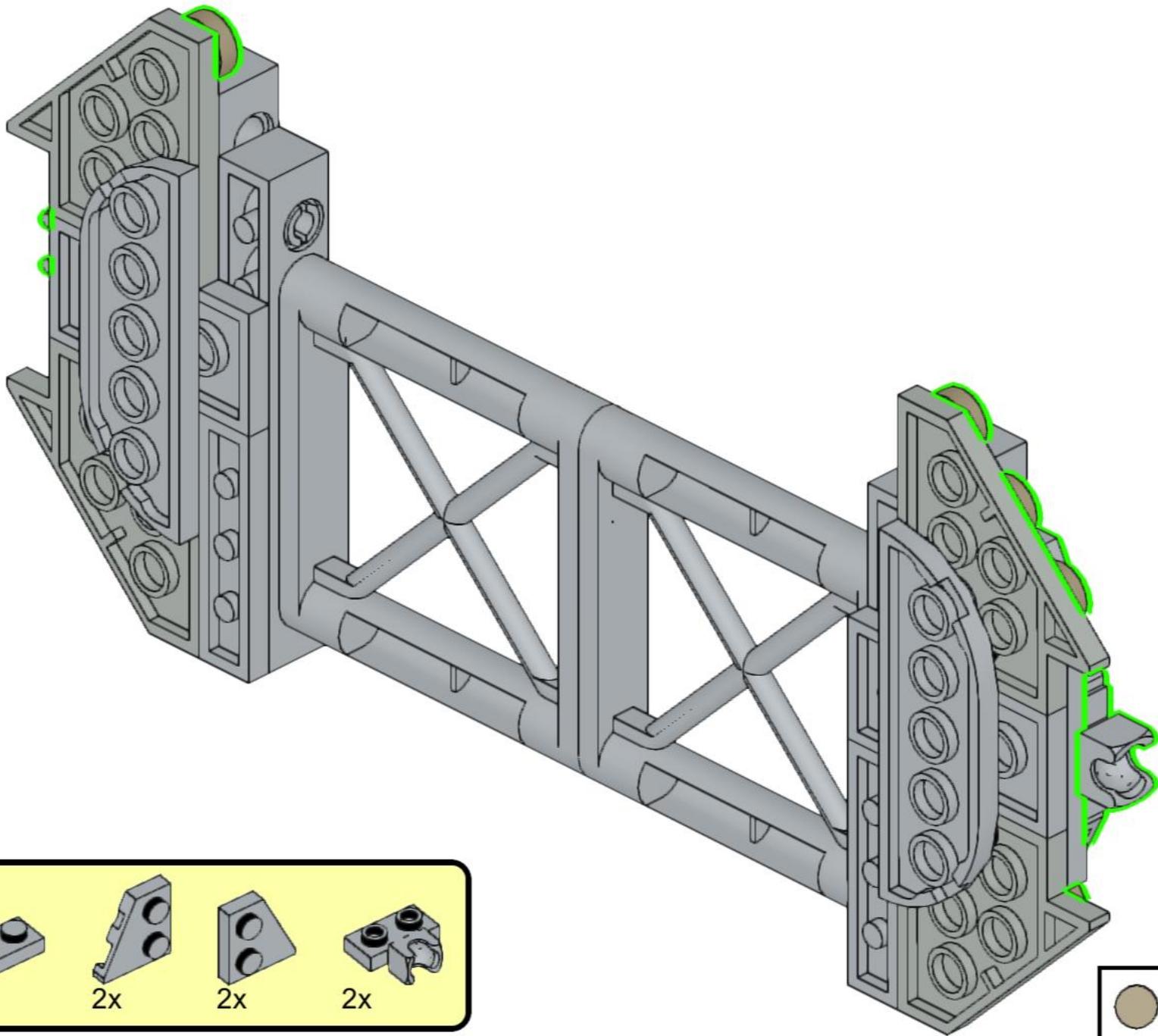
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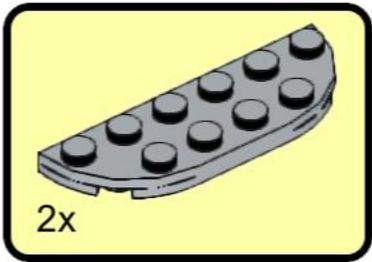
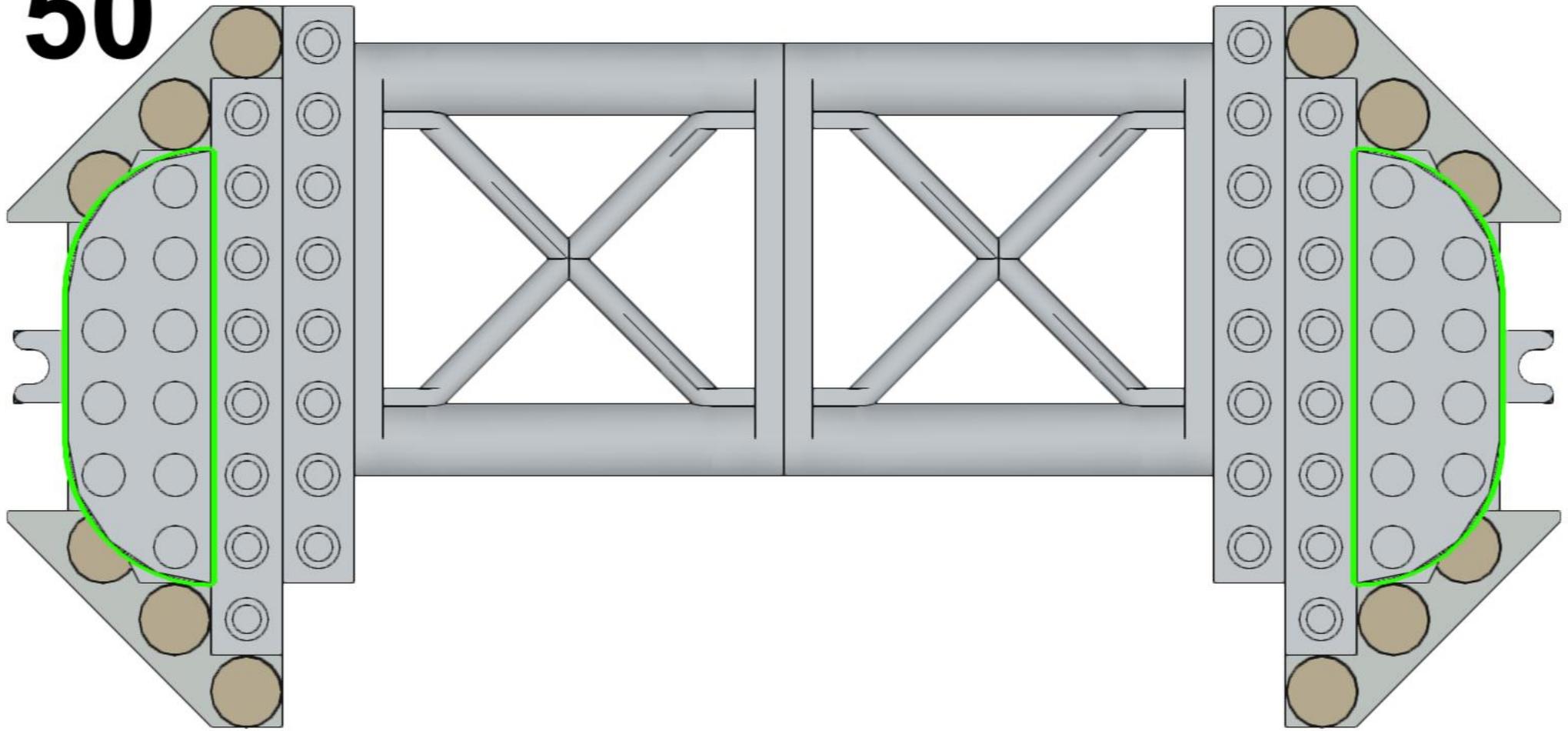
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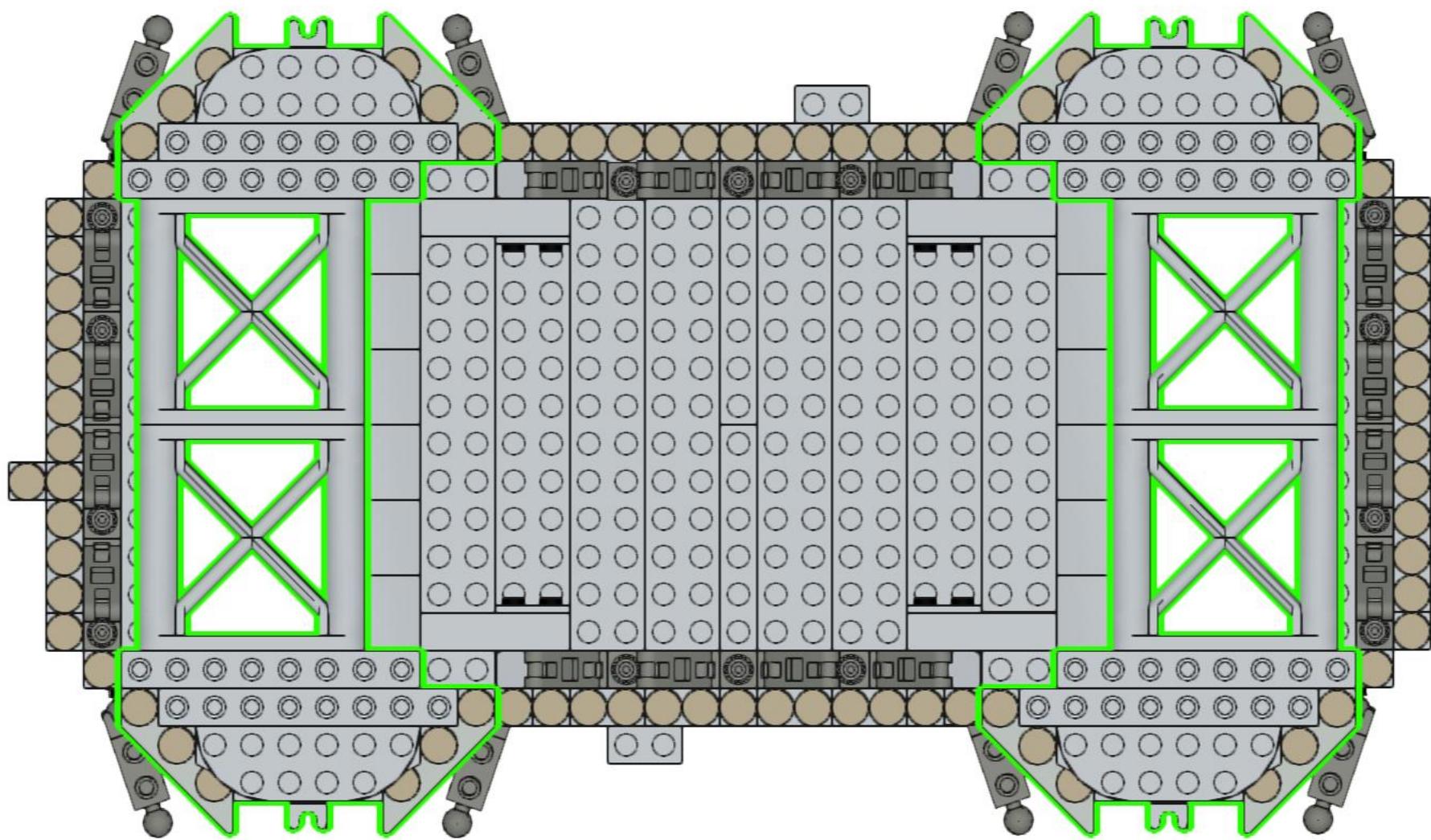


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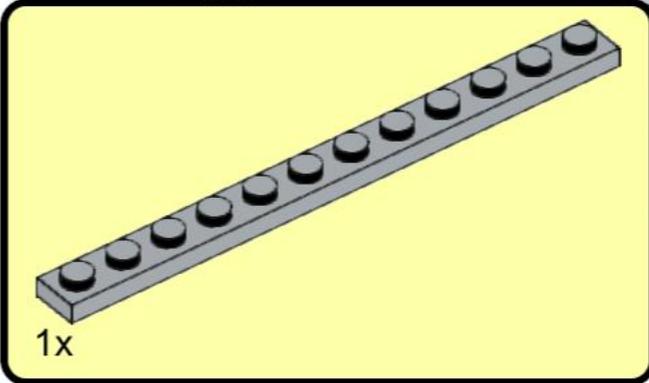
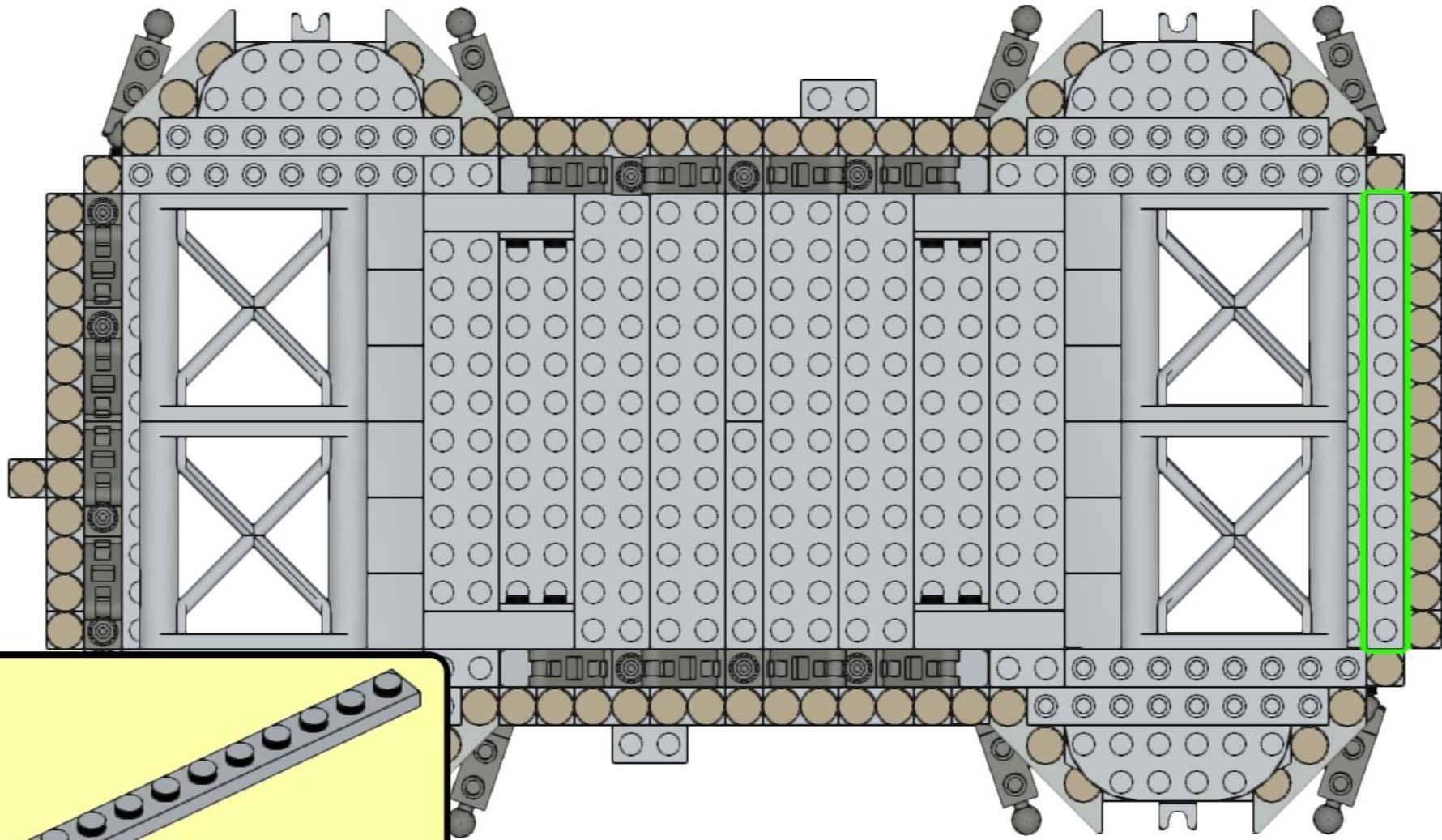


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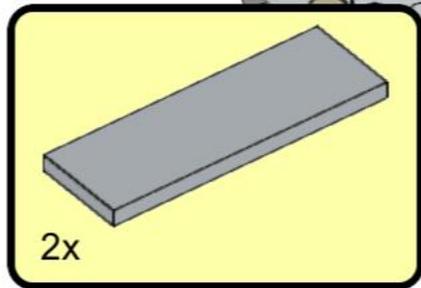
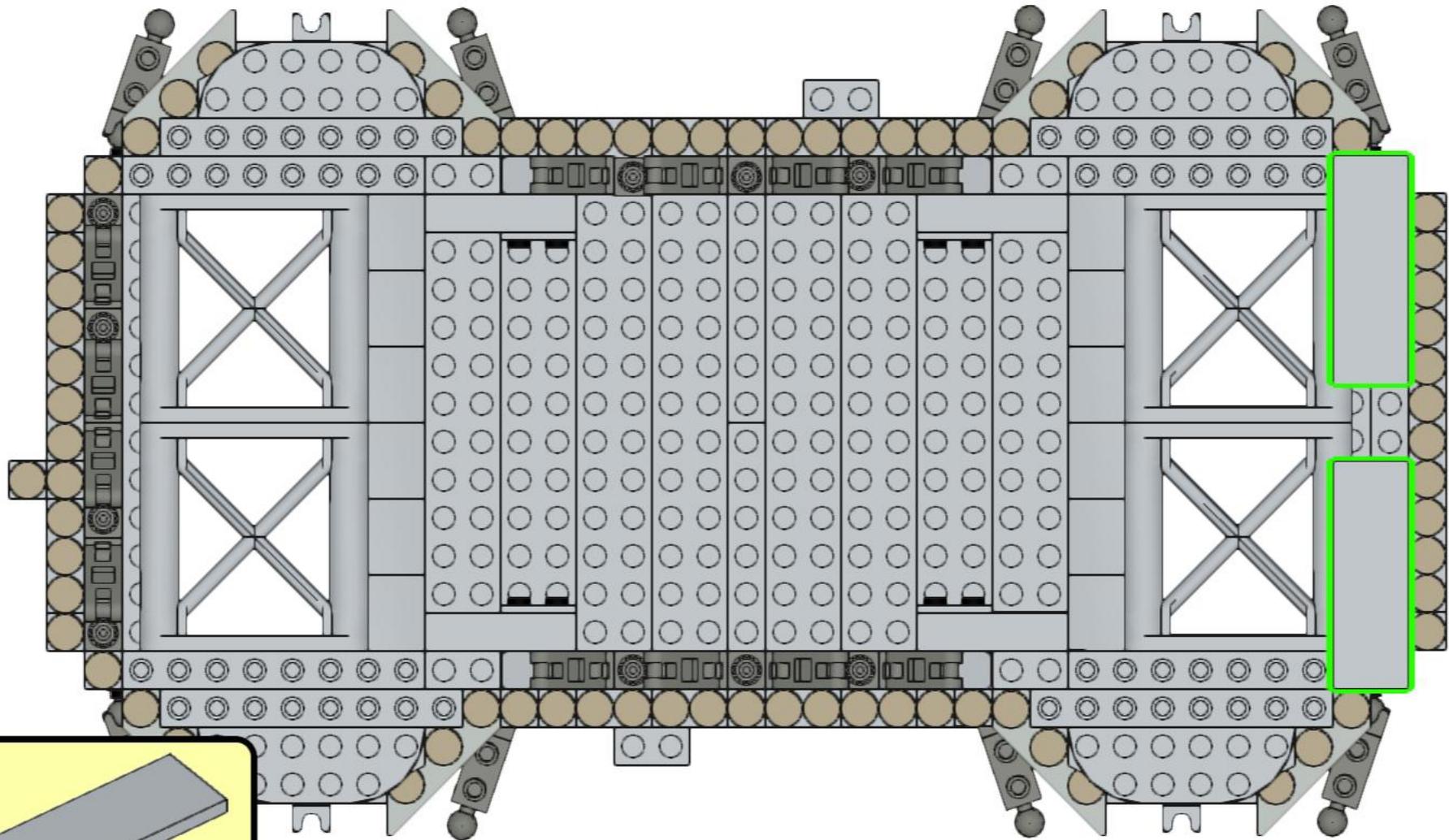
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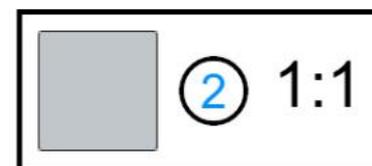
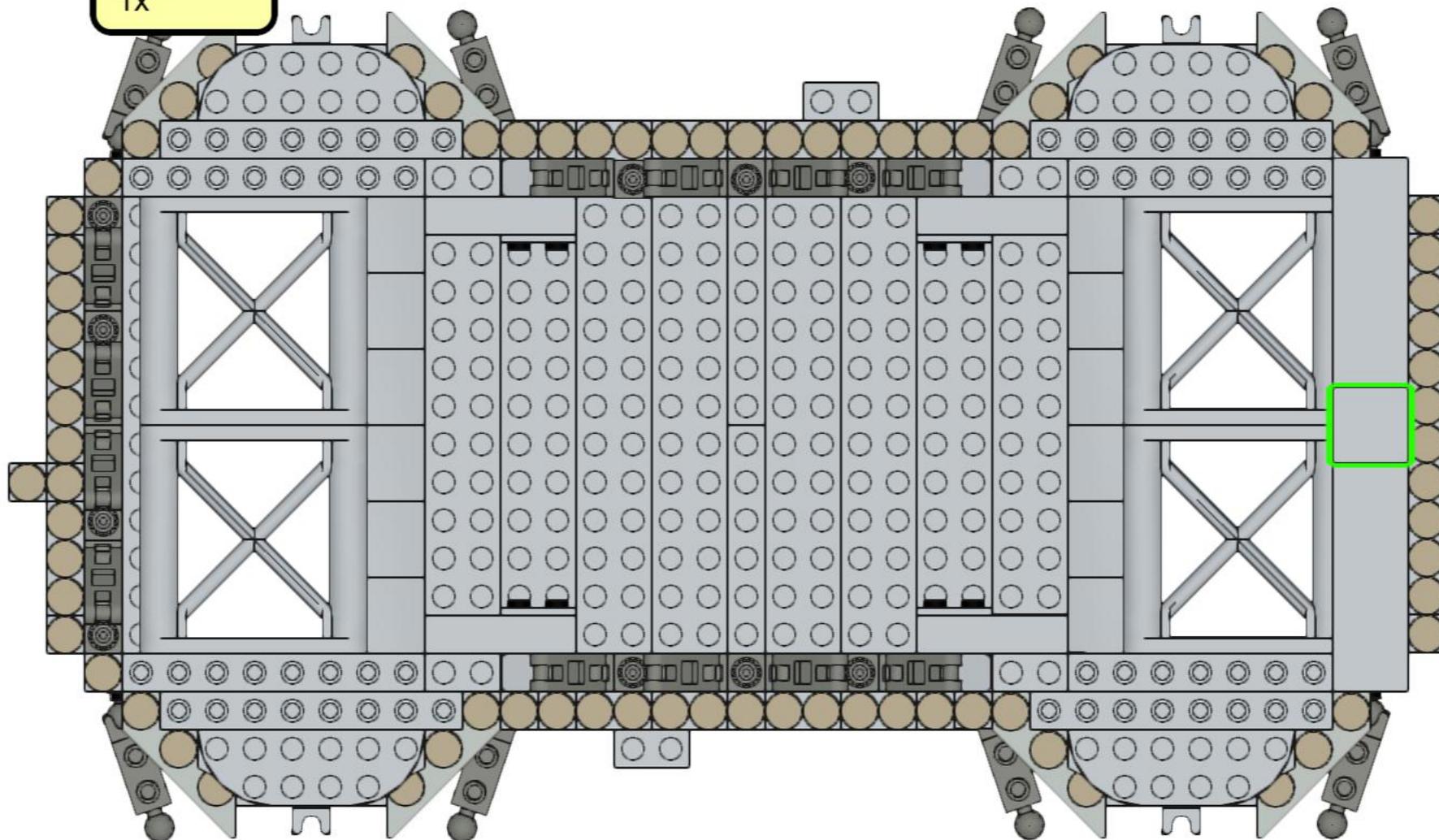
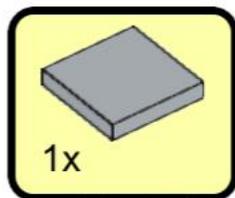
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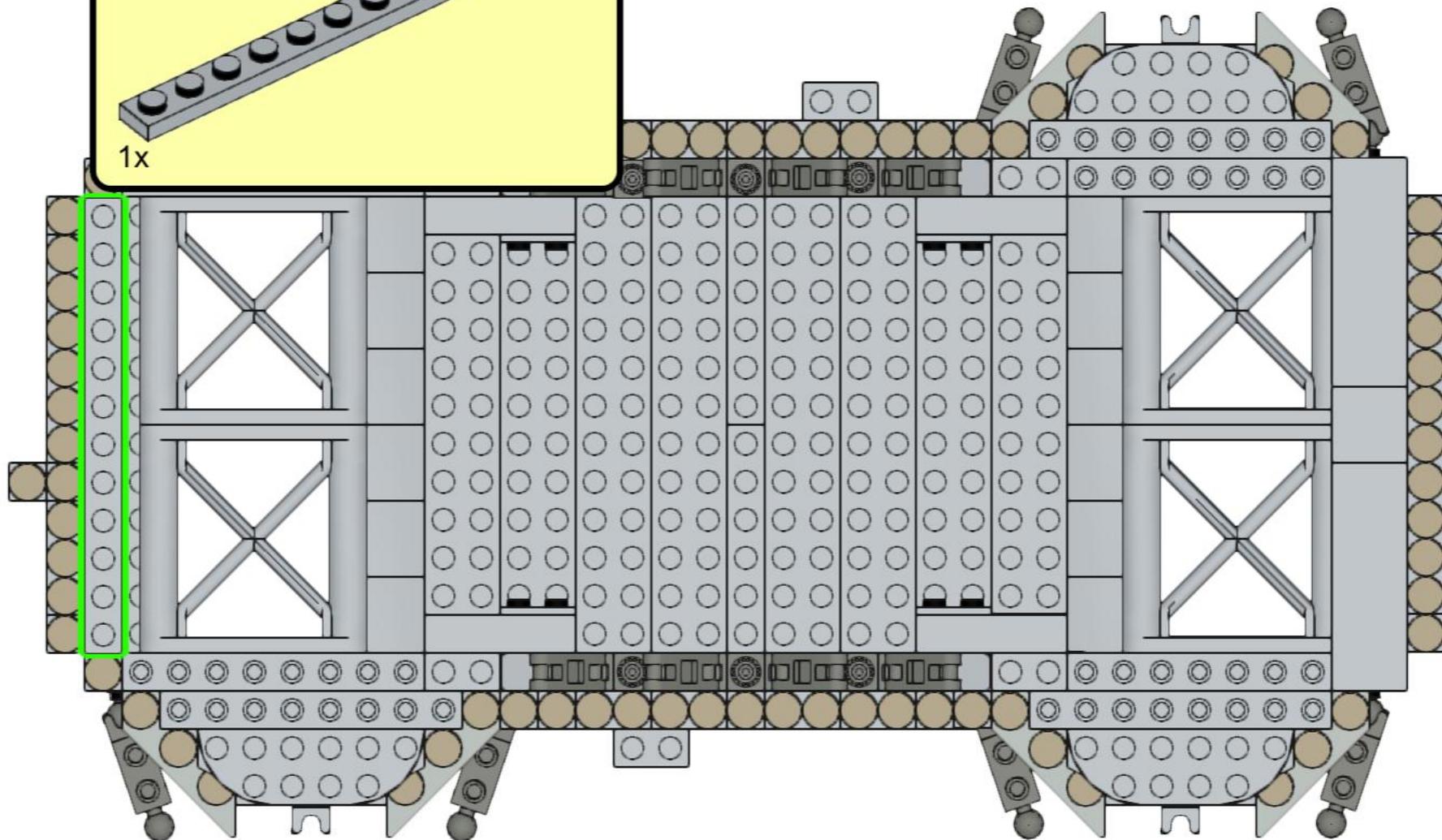
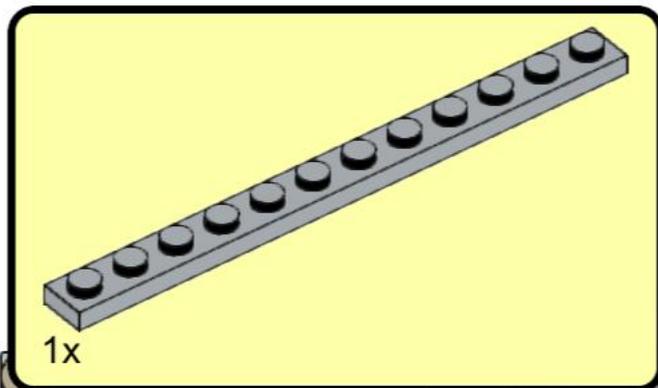
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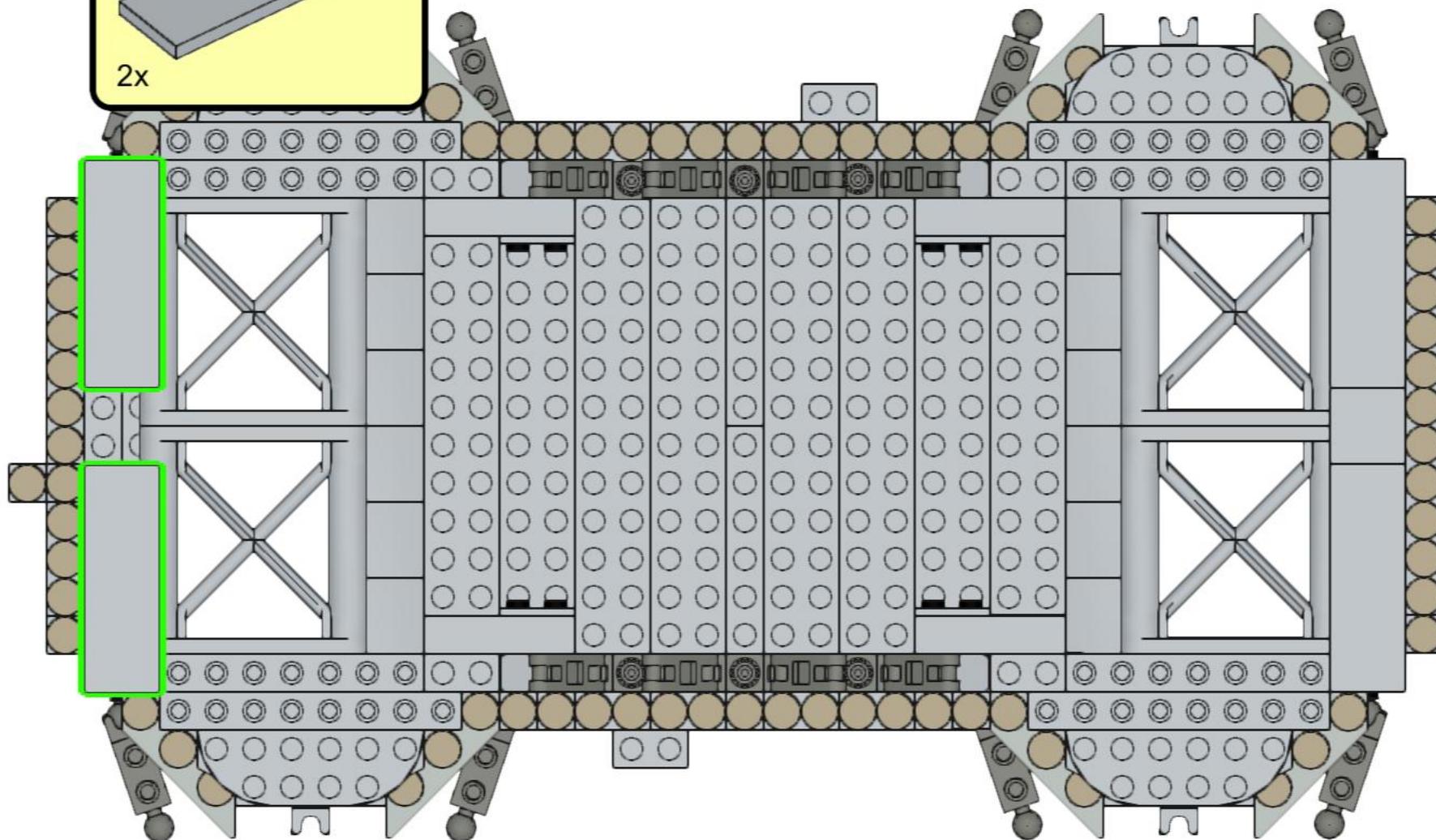
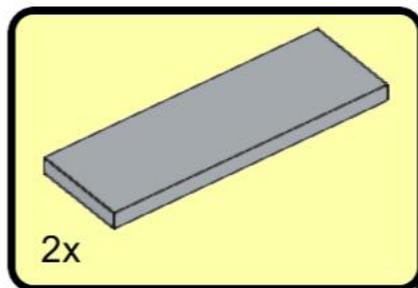
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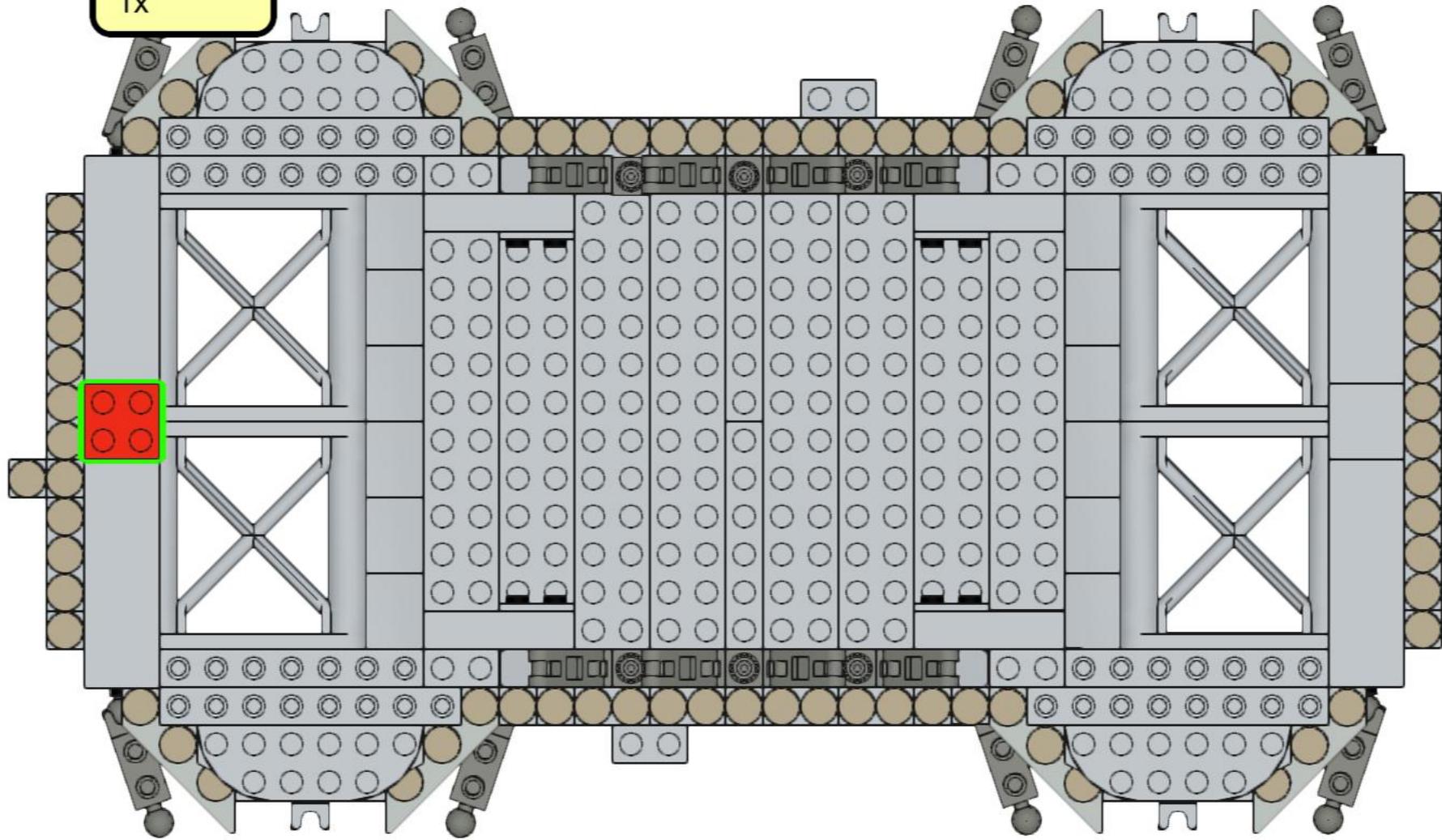
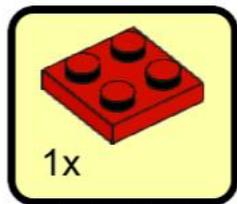
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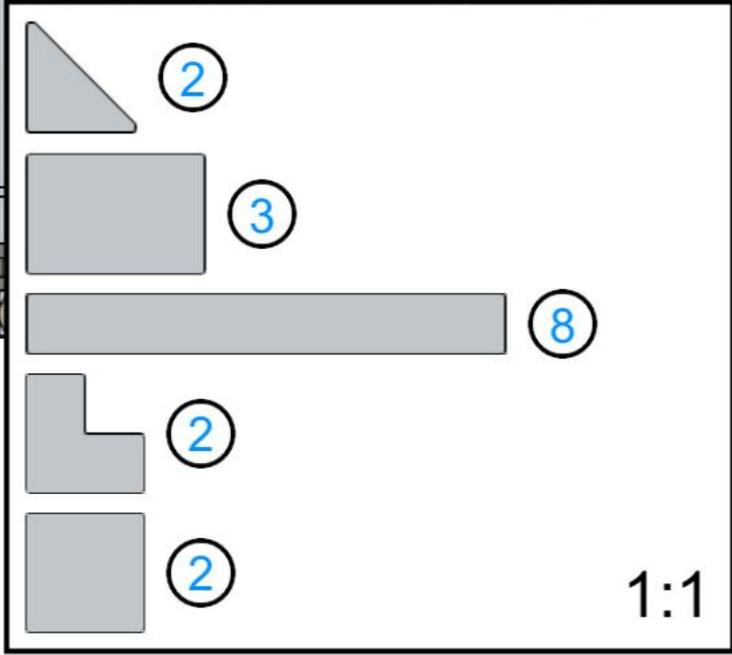
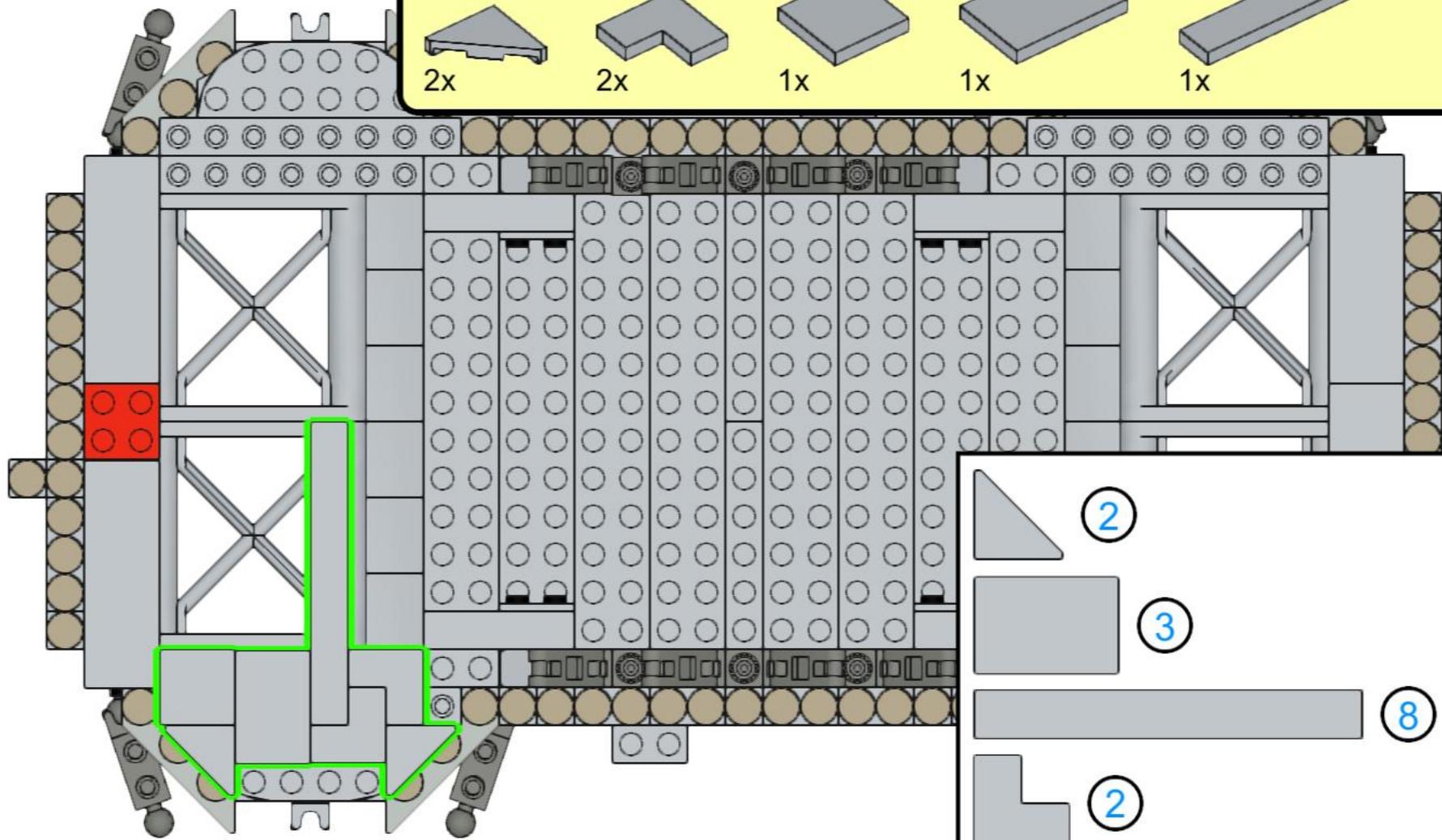
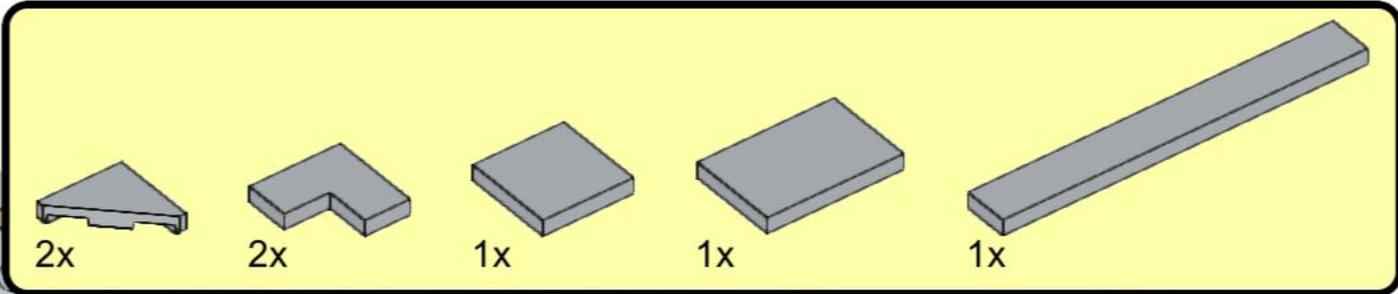
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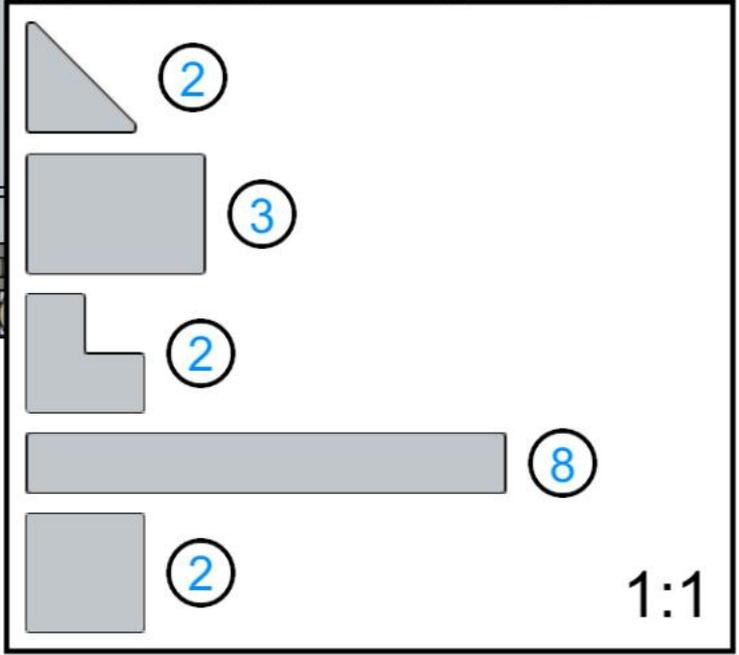
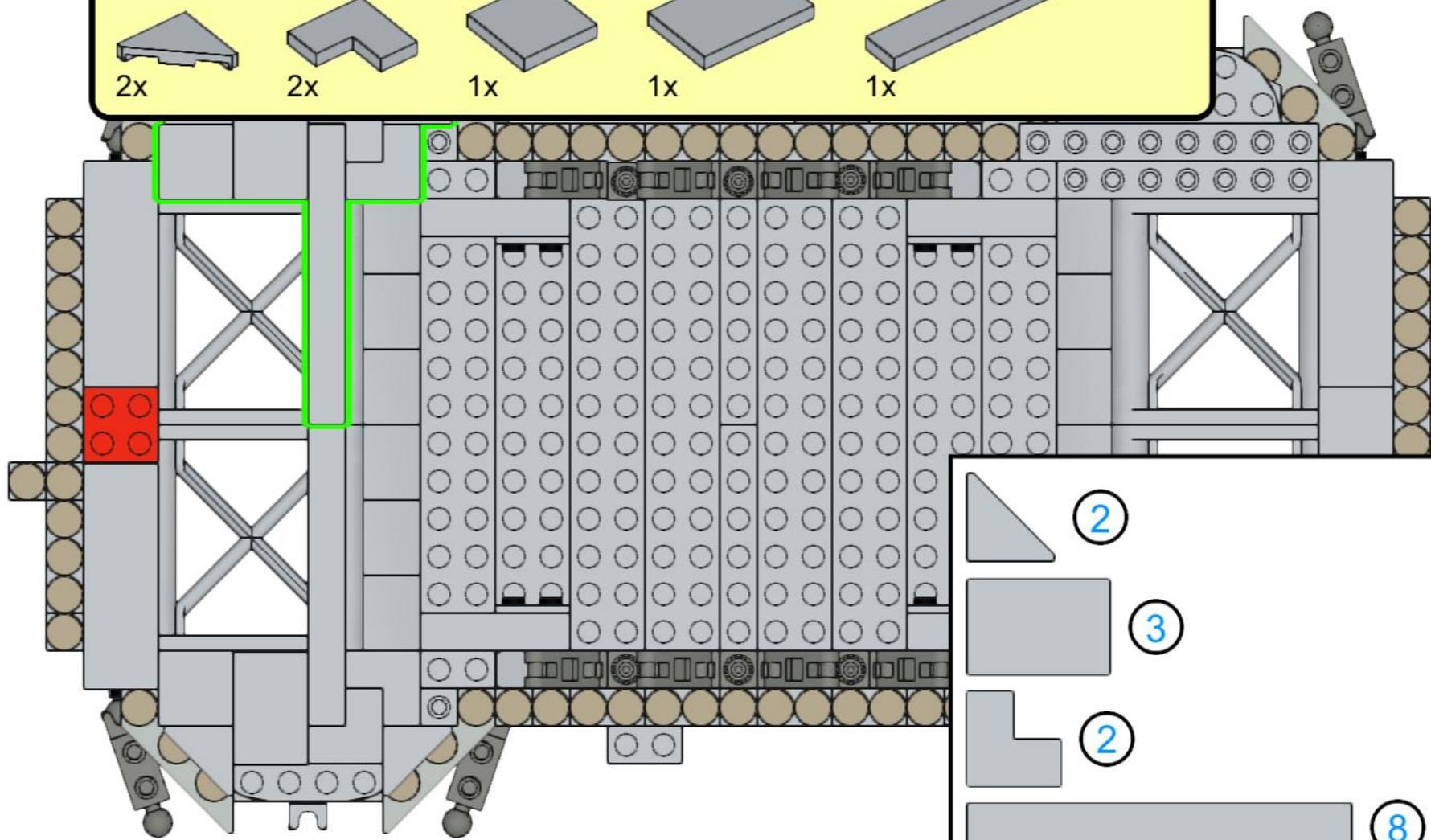
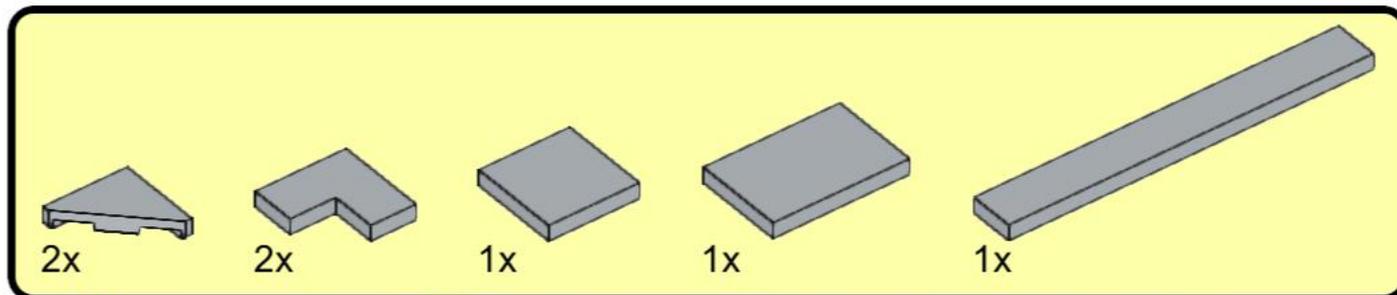
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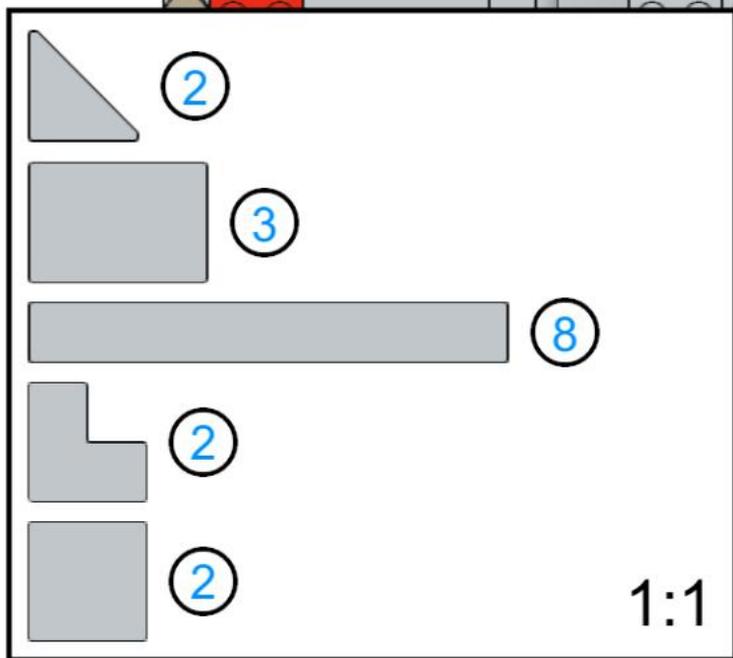
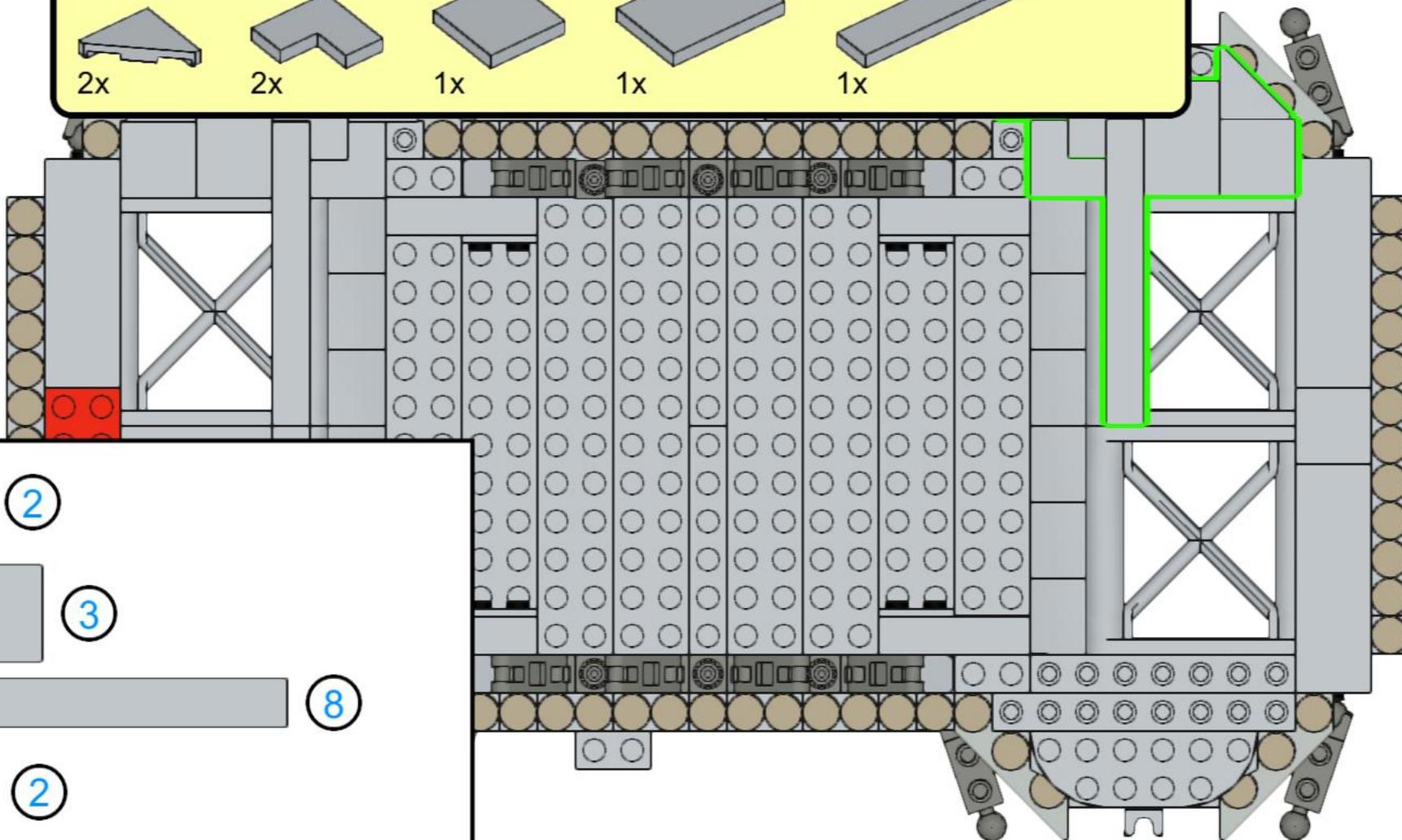
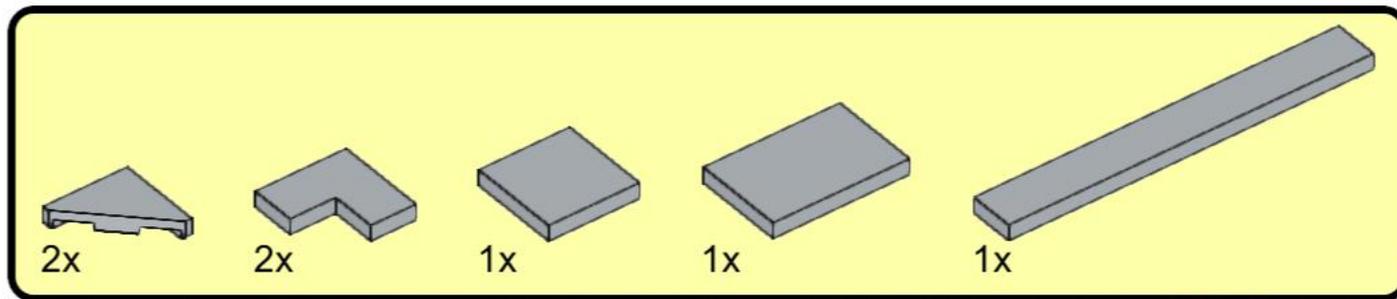
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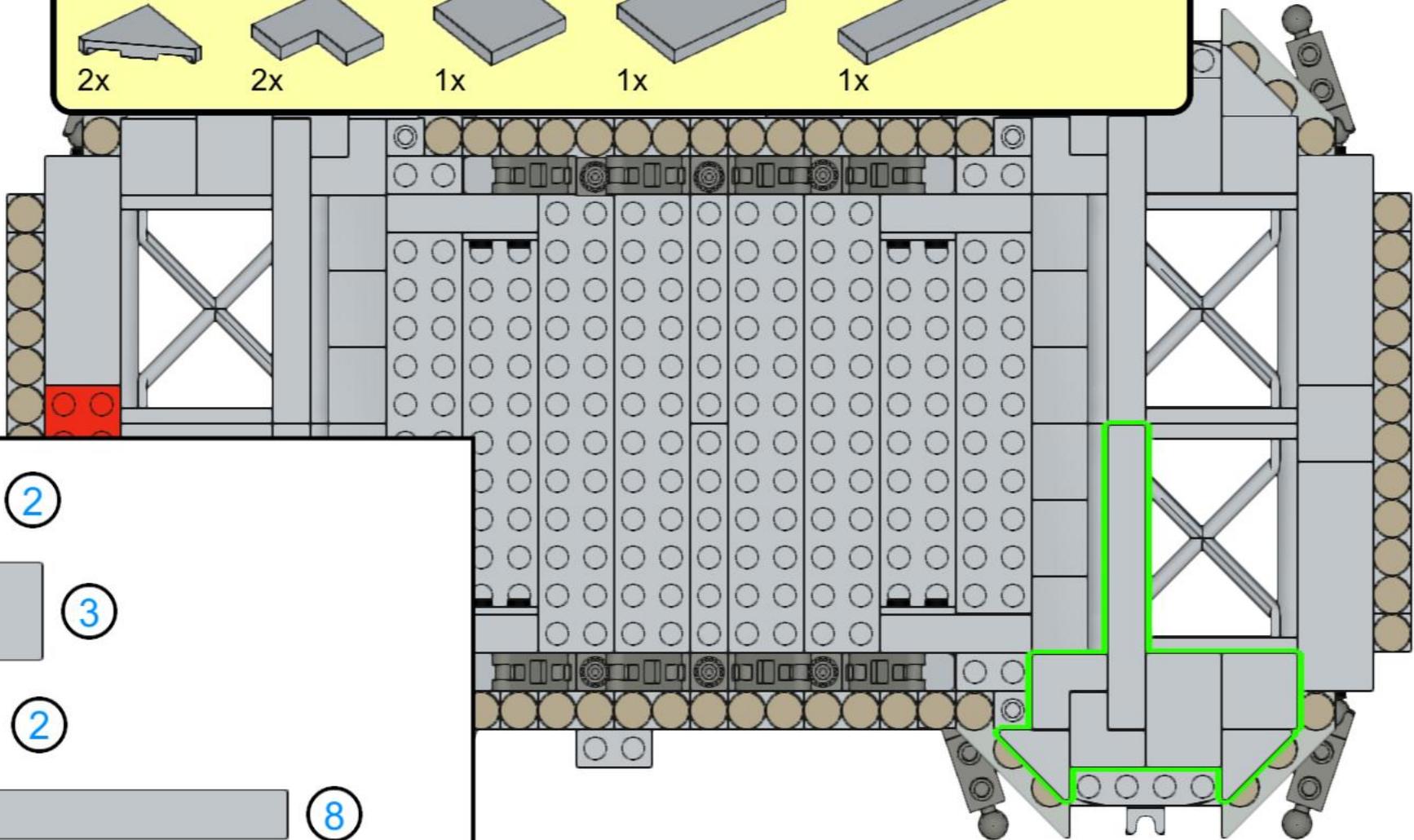
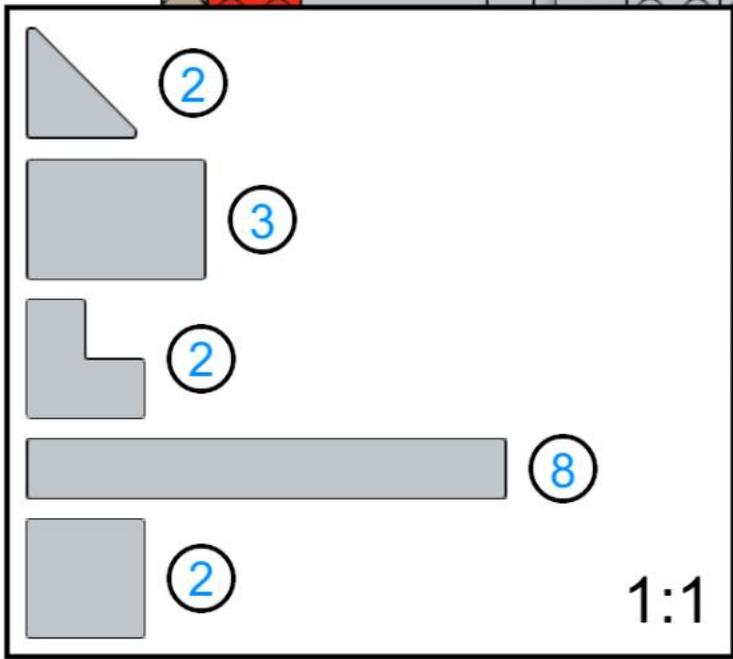
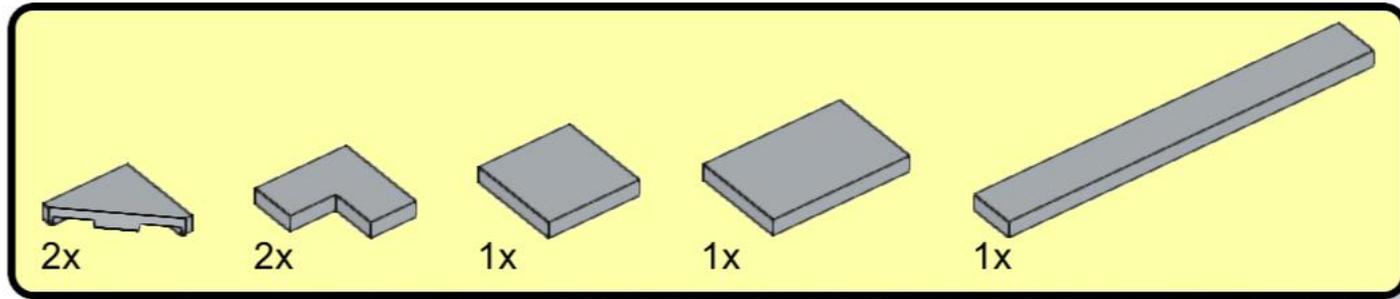
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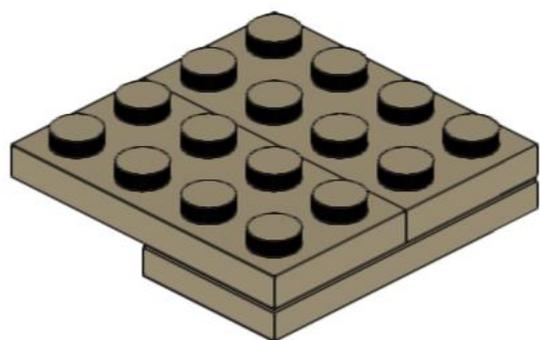
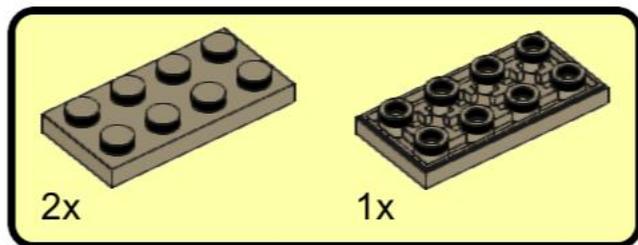
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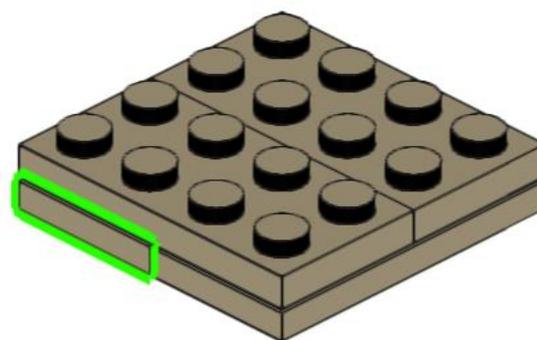
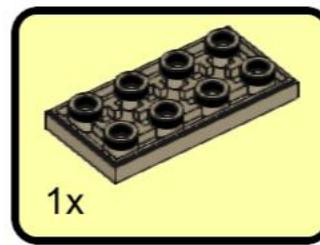
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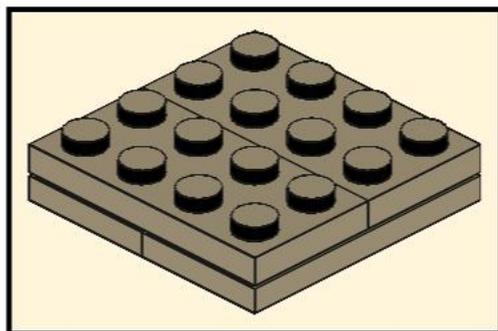
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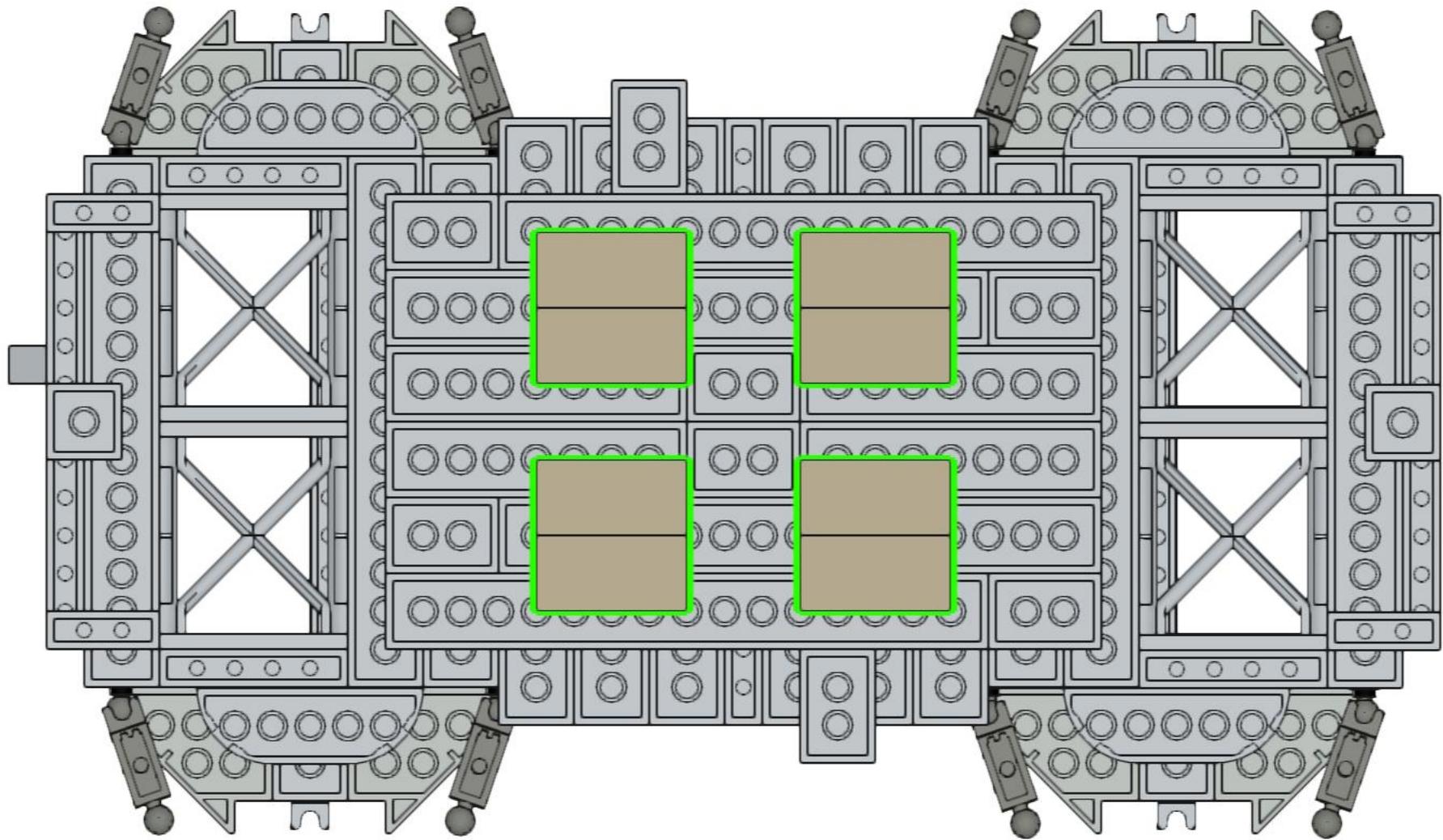
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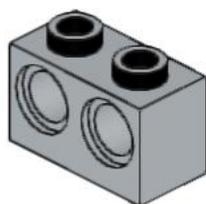
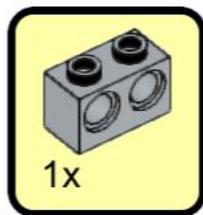
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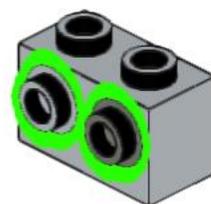
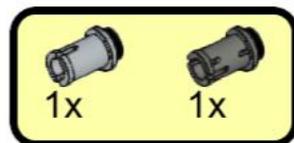
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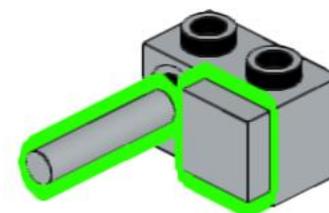
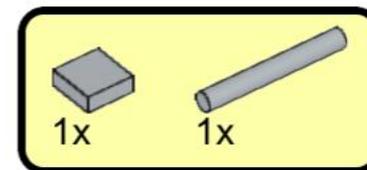
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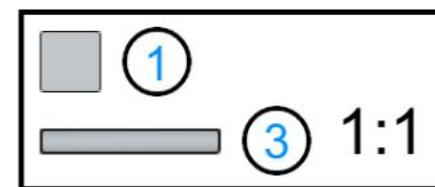
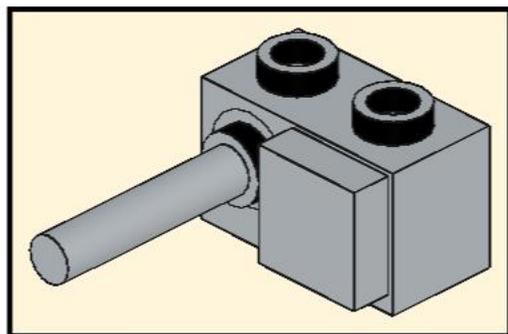
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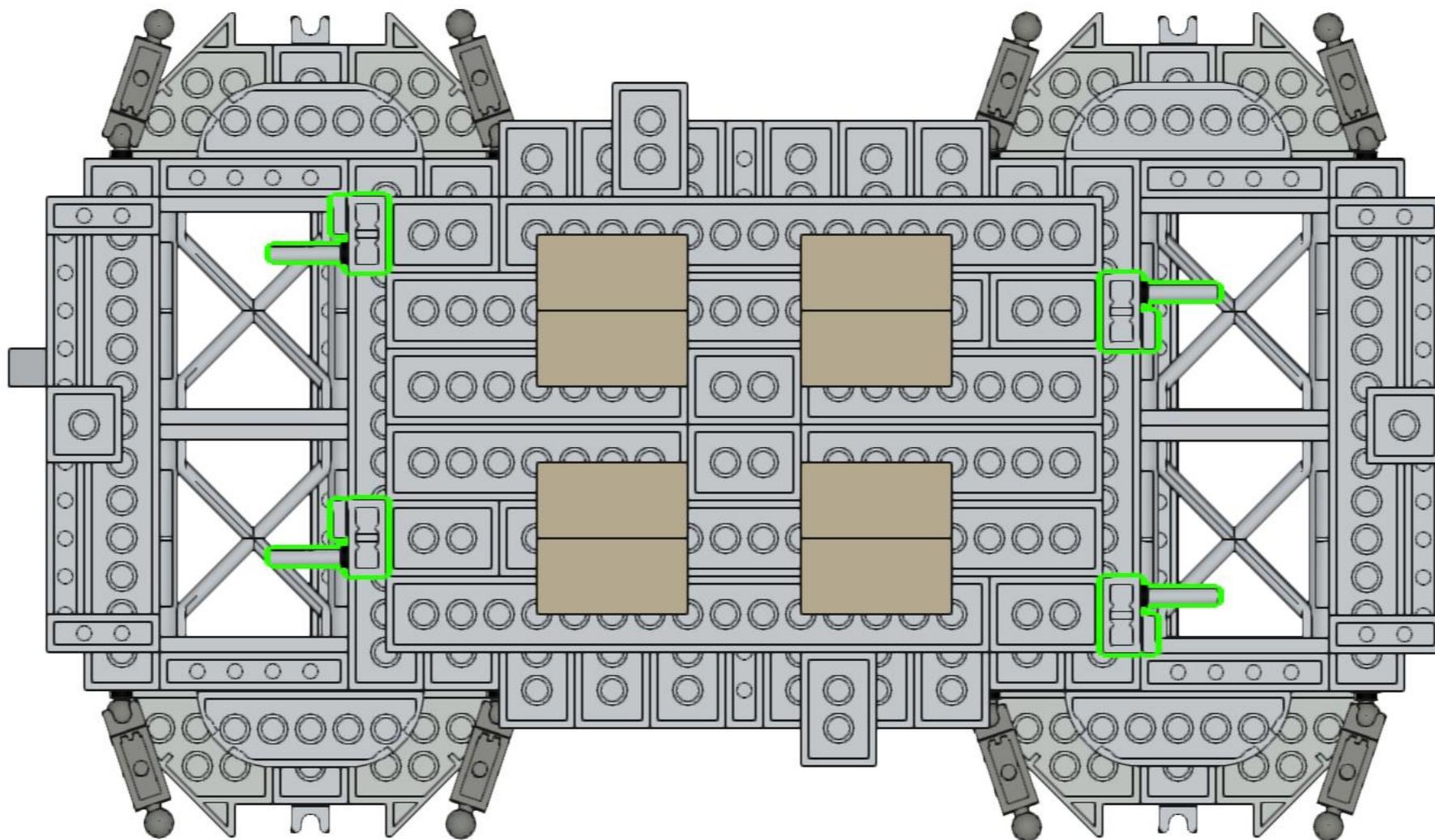
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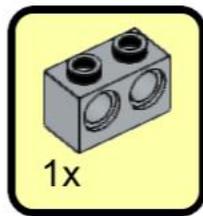
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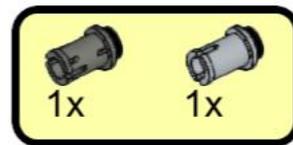
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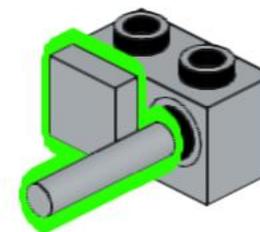
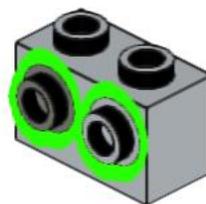
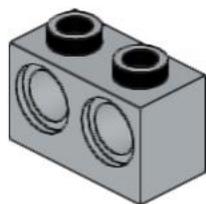
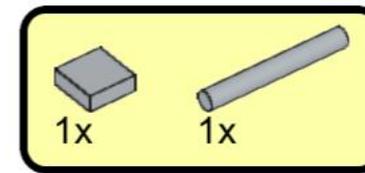
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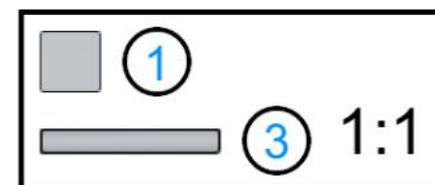
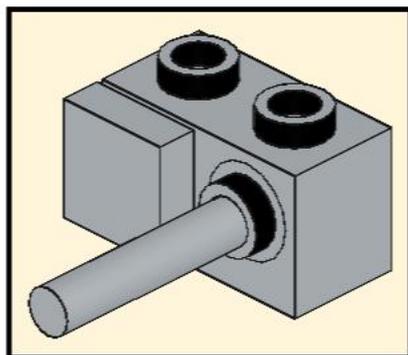
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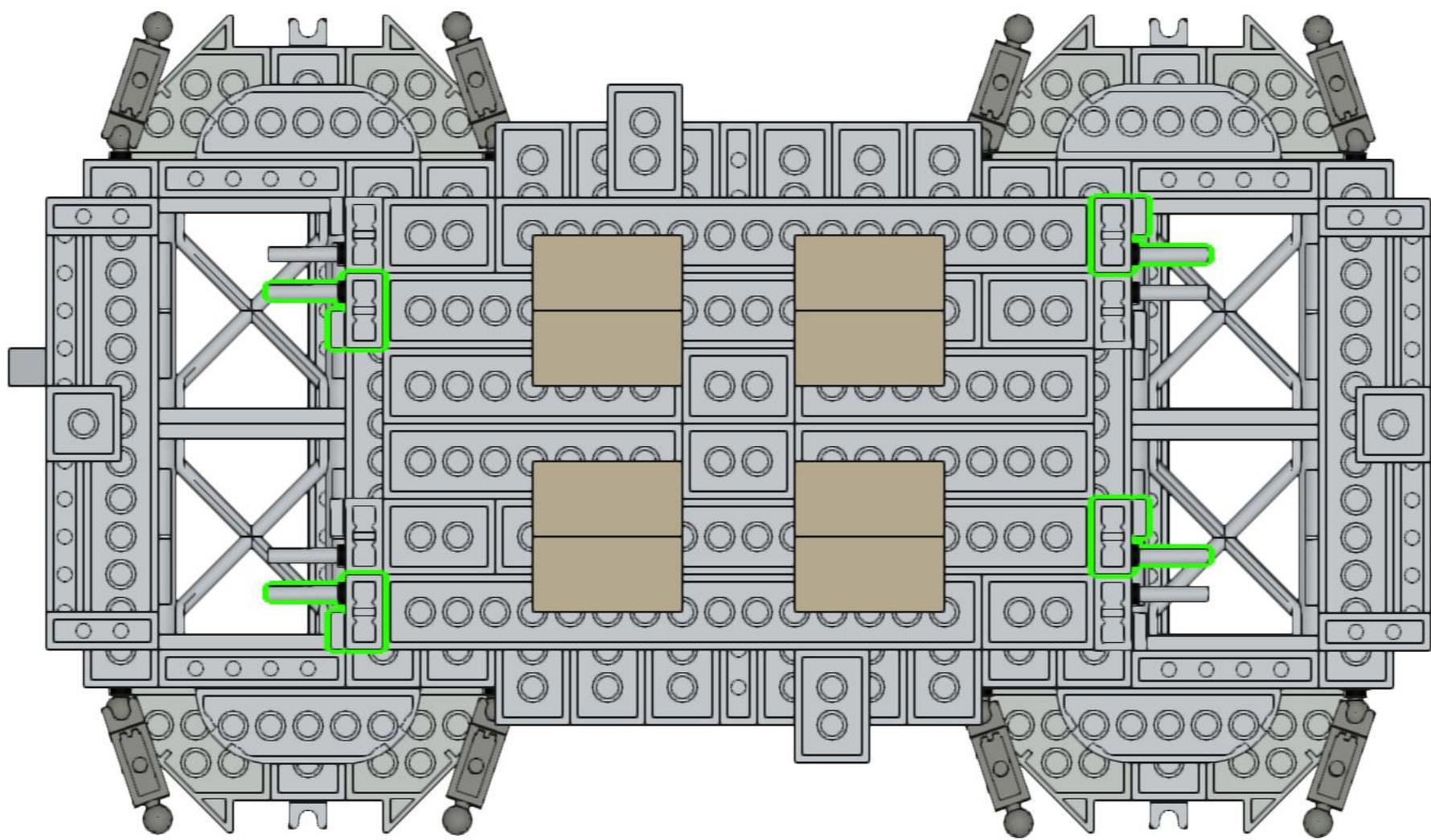
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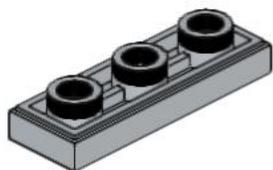
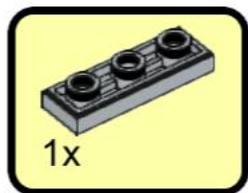
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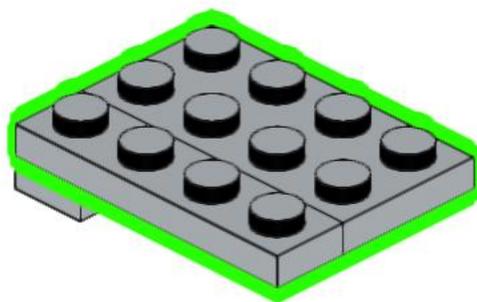
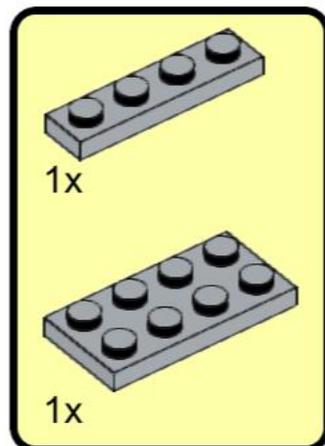
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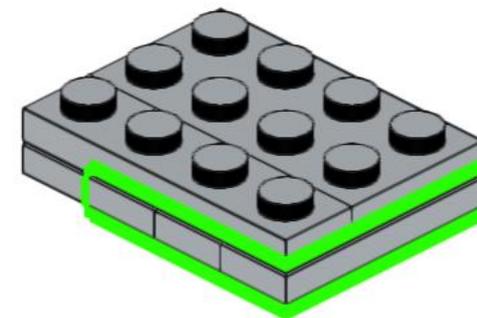
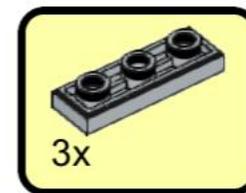
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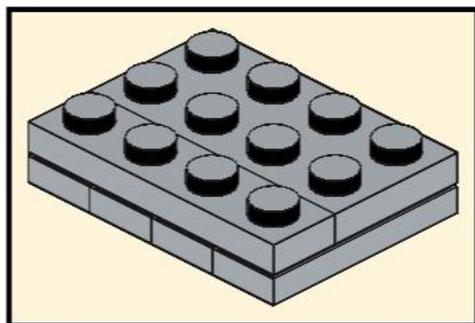
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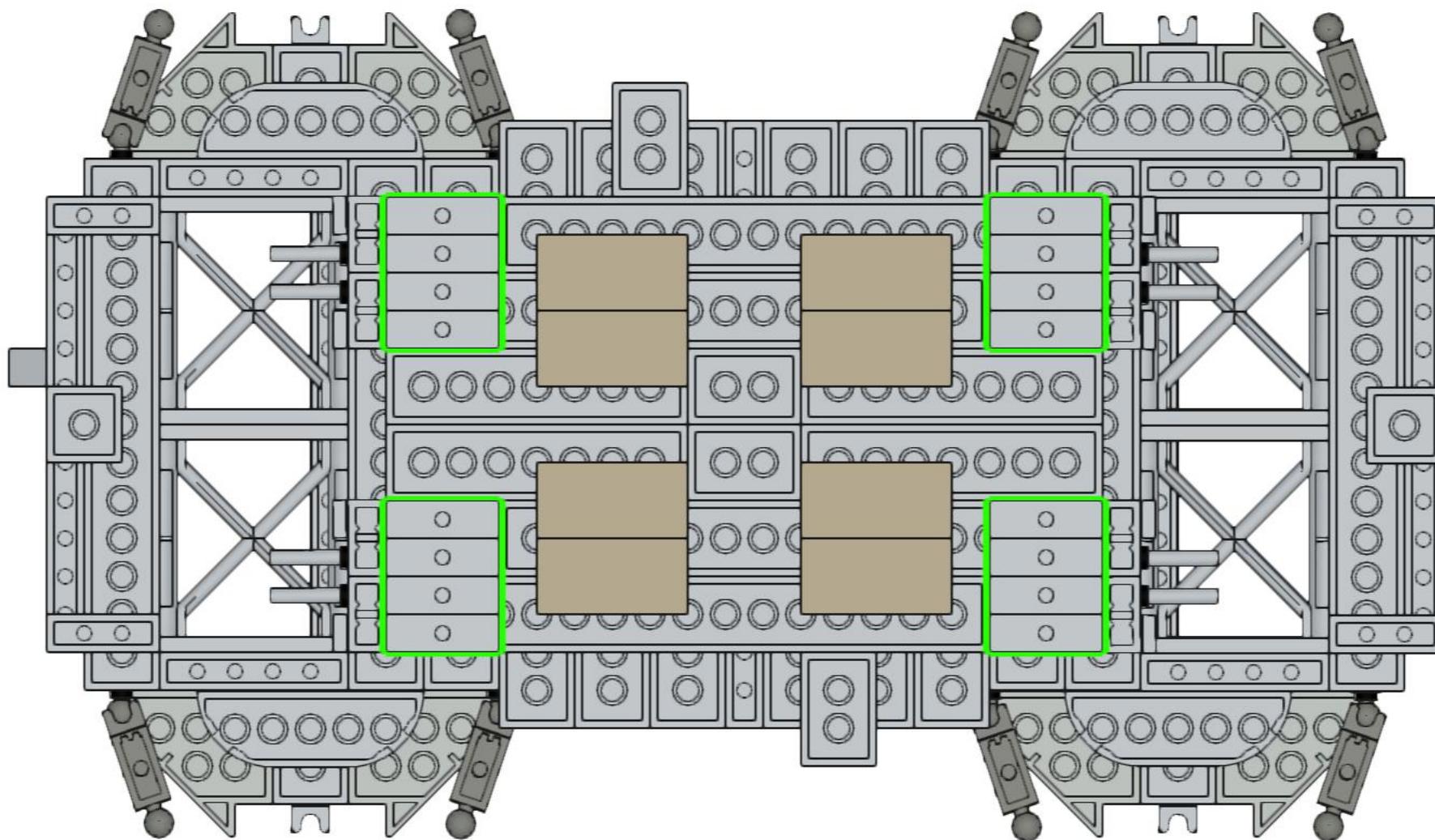
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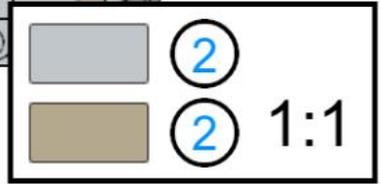
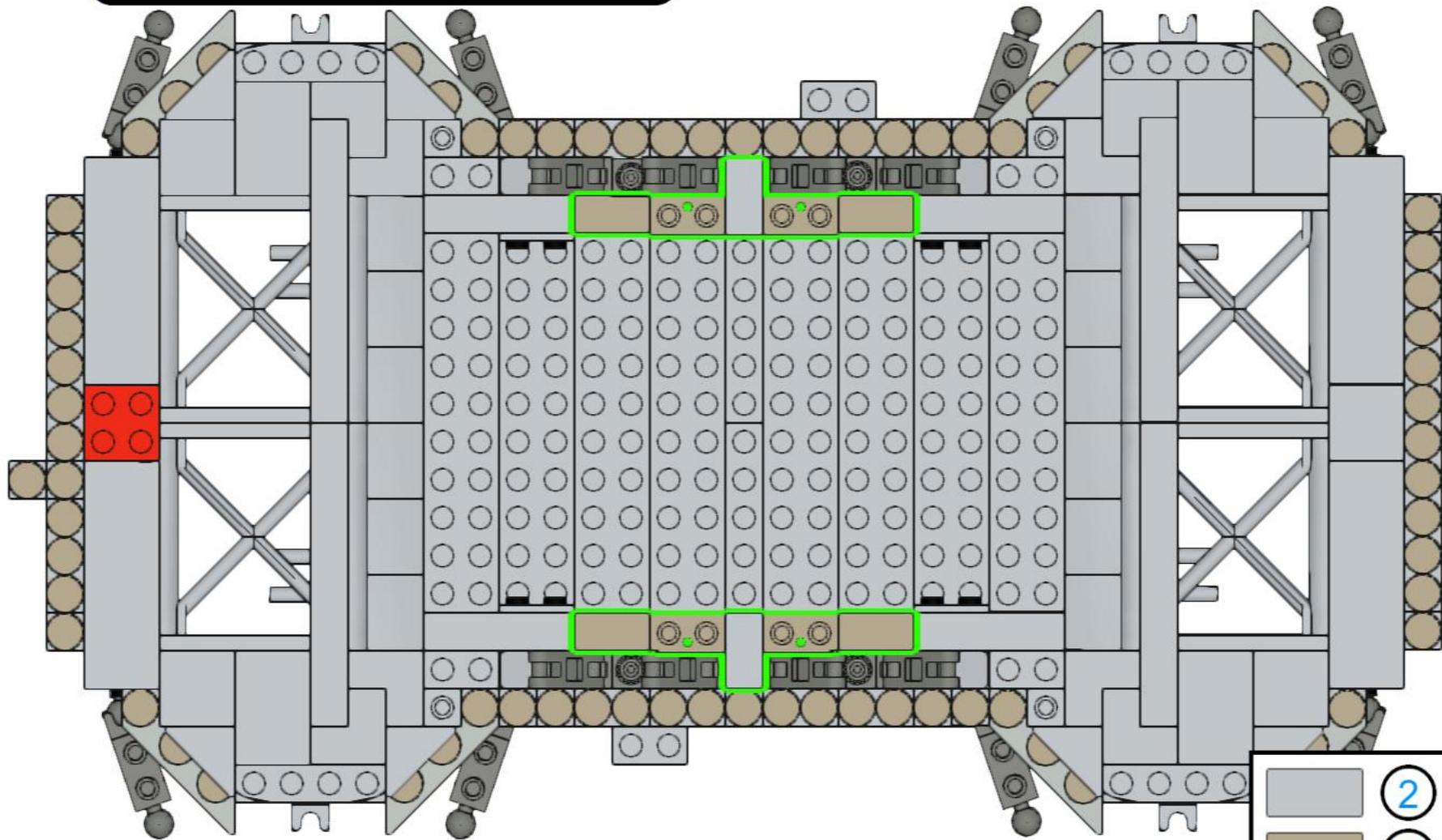
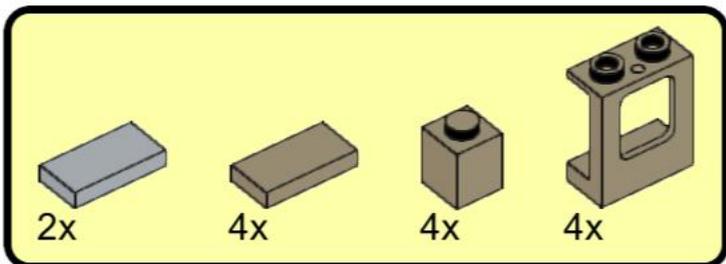
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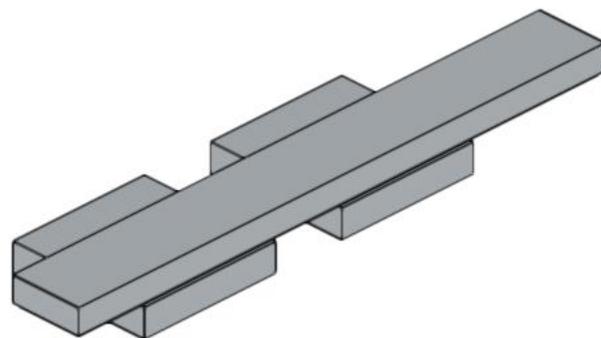
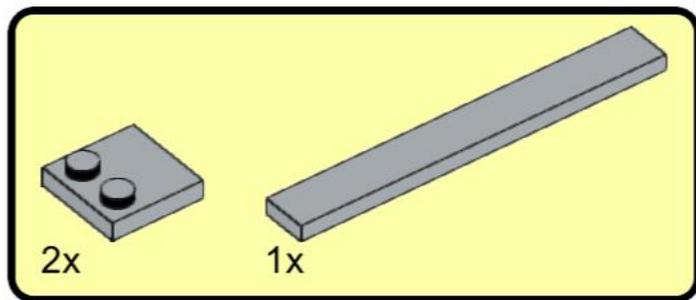
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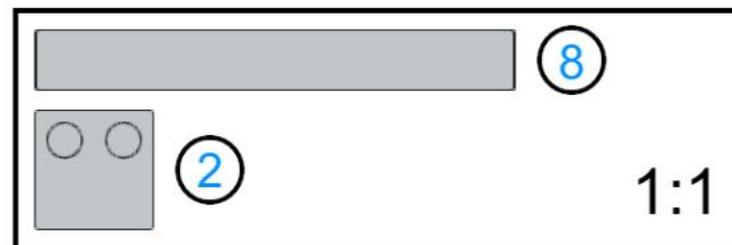
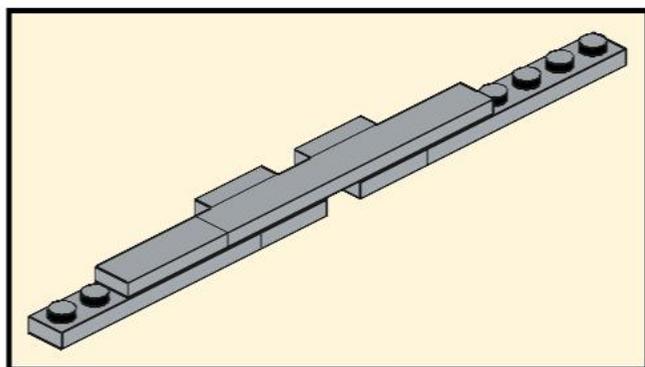
77



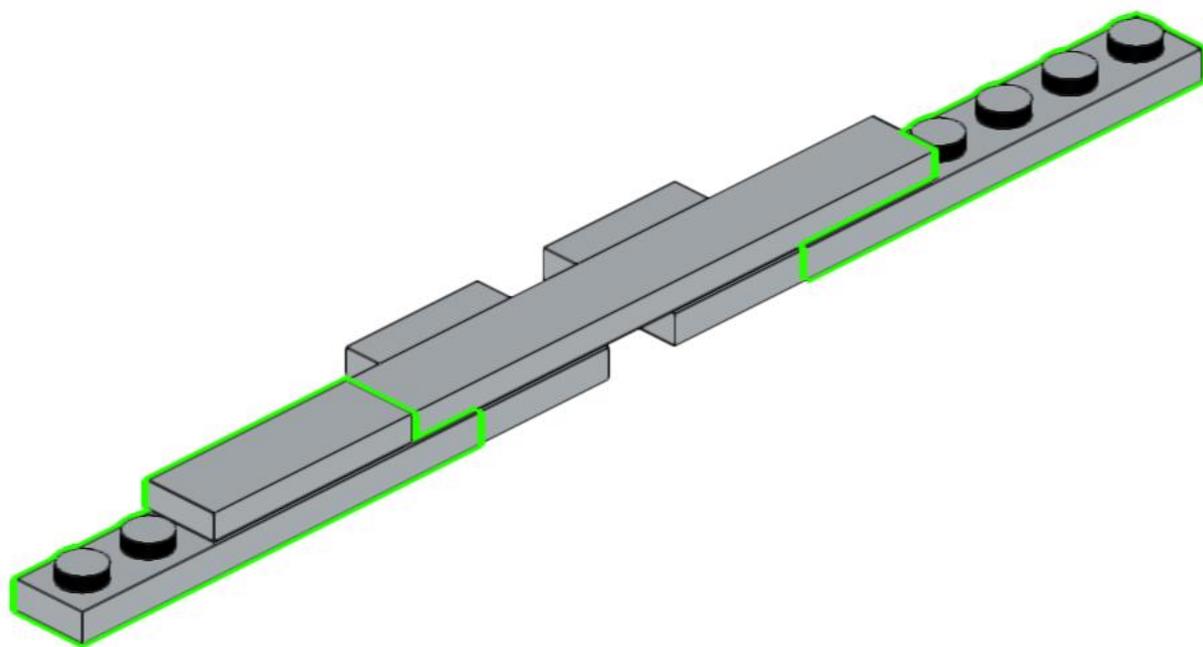
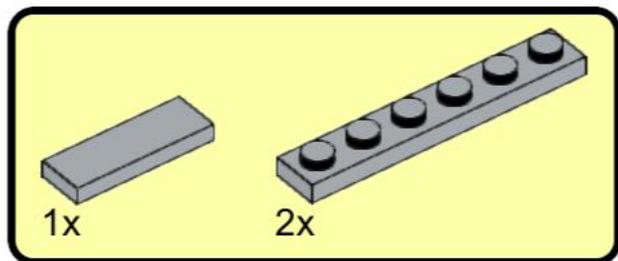
78



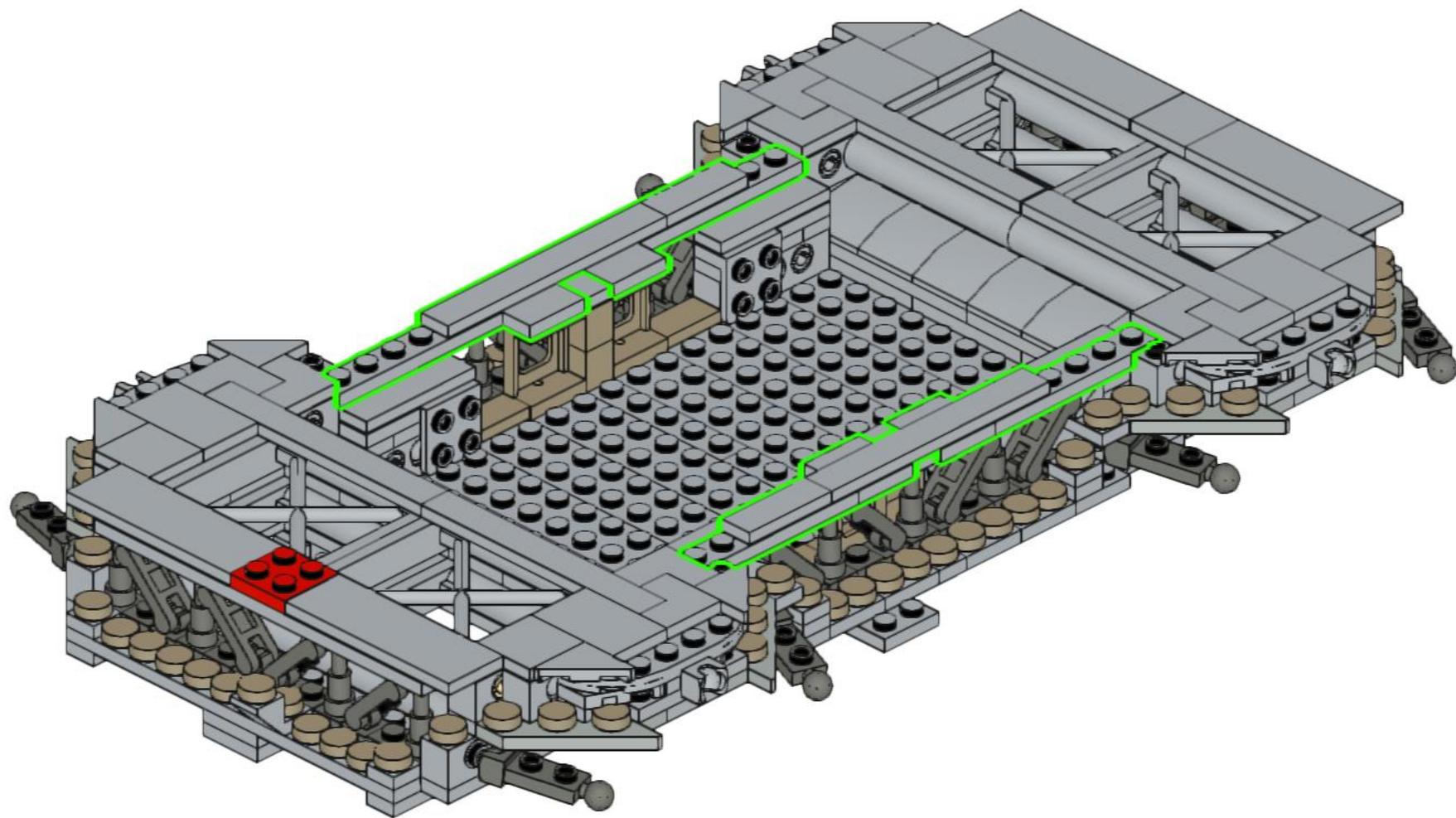
2x



79



80



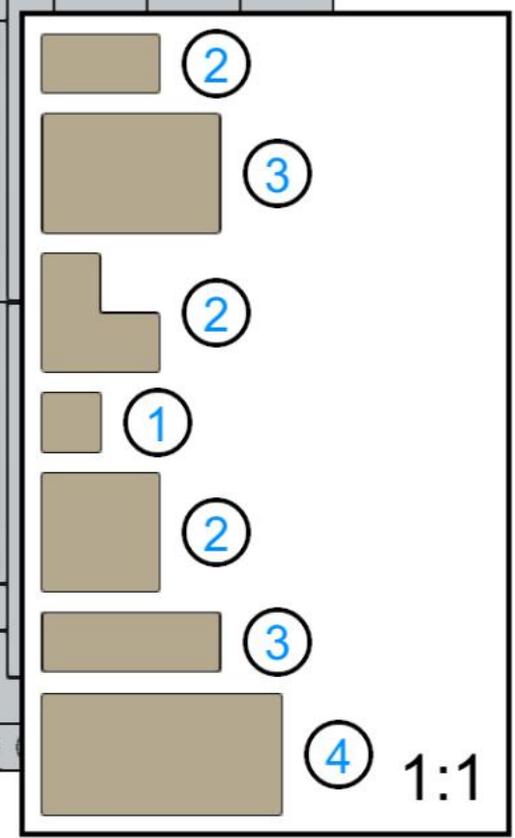
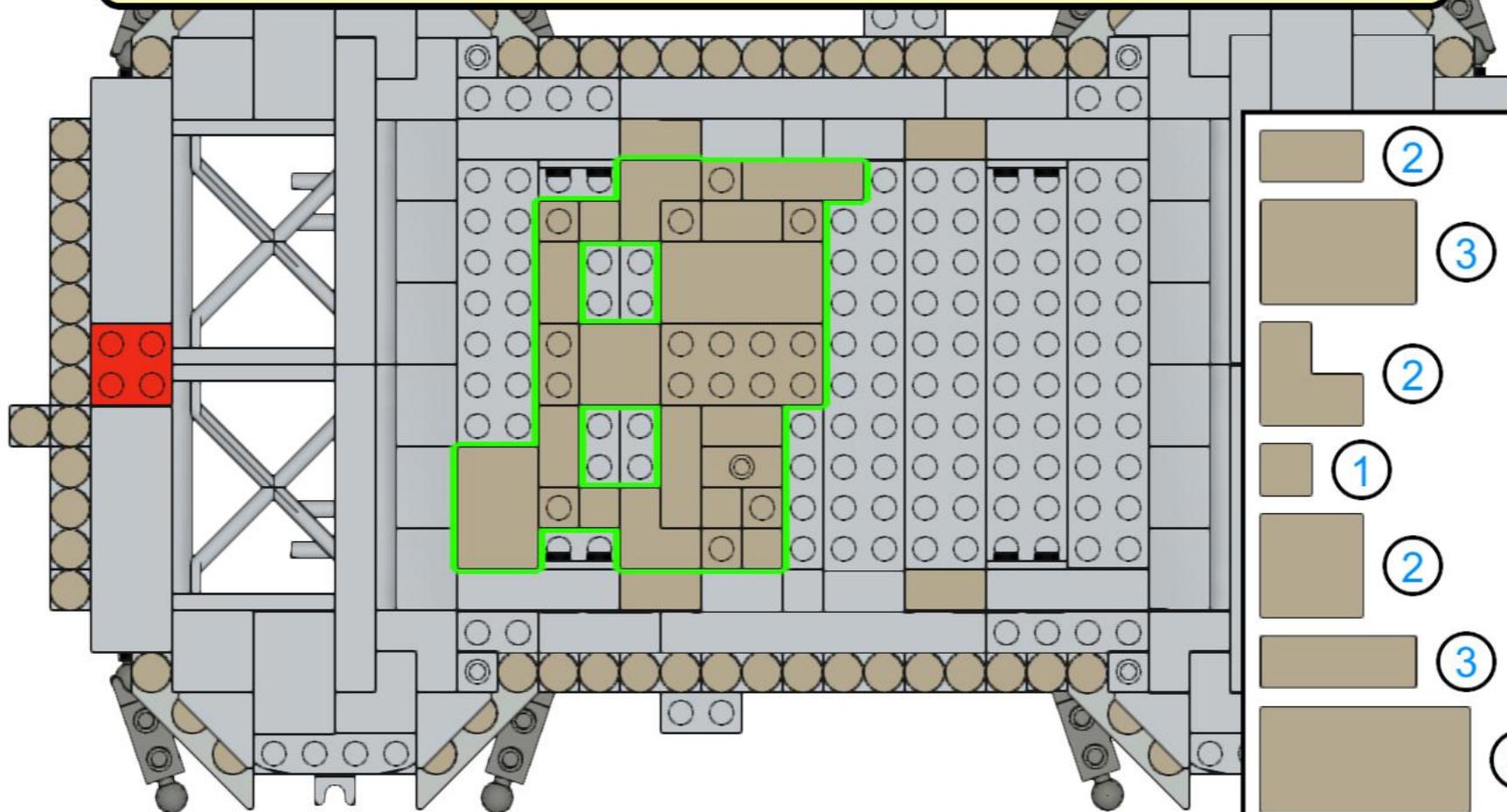
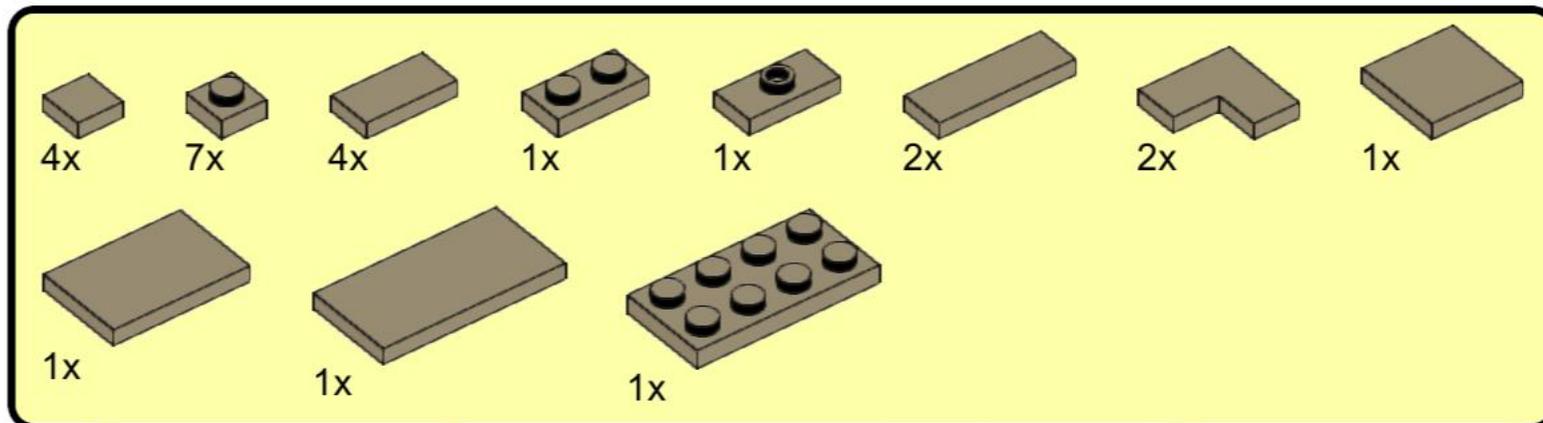
Als Nächstes folgt die innere Ausstattung des Crawlers (hierzu habe ich nur ältere Bildinformationen gefunden. Deshalb könnte es sein, dass die dargestellten Objekte nicht der Wirklichkeit entsprechen).

Wer diesen Teil nicht umsetzen möchte macht mit Schritt **124** weiter.

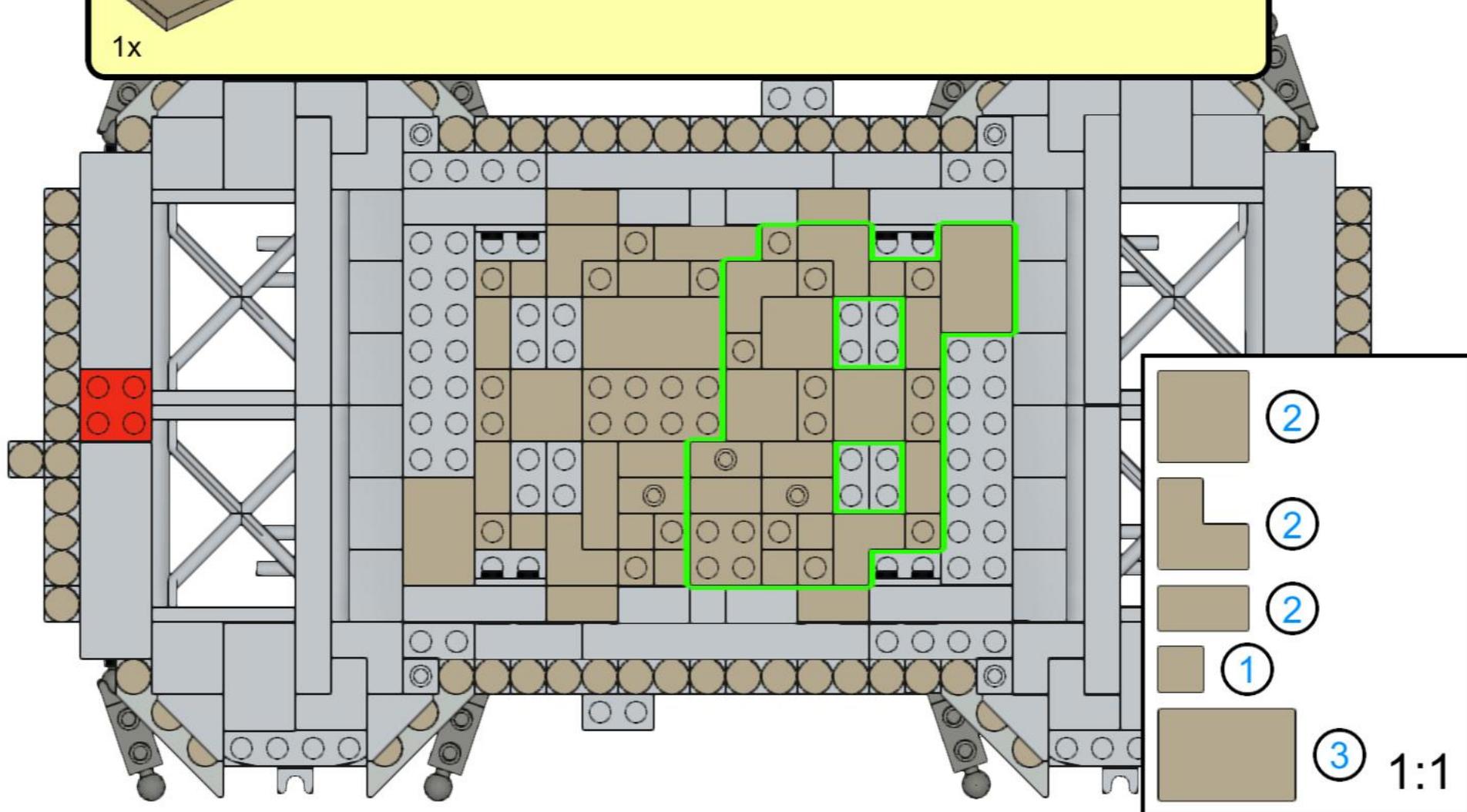
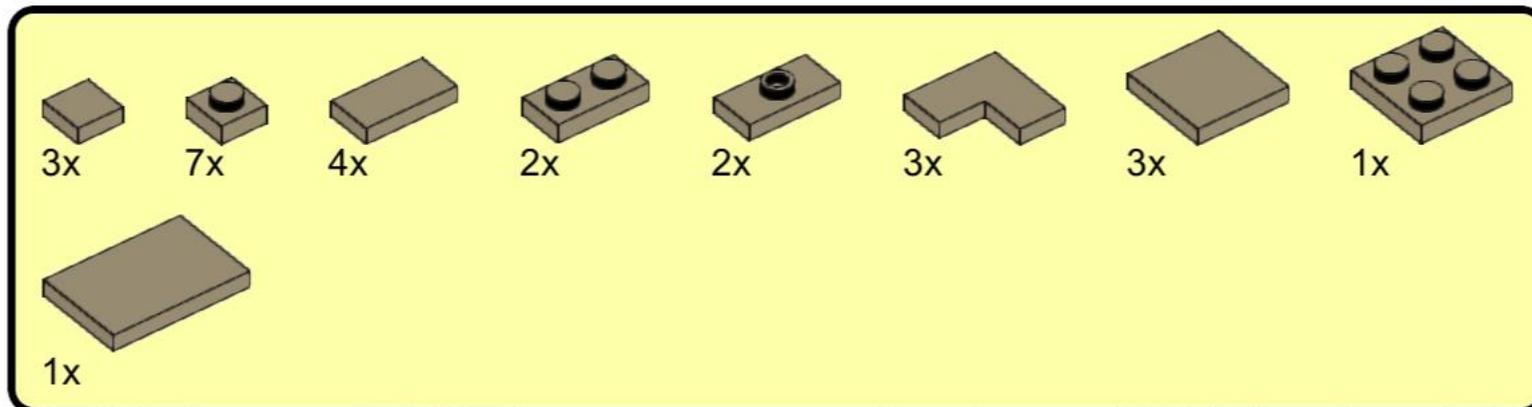
Next comes the interior equipment of the crawler (I only found older image information for this. It is therefore possible that the objects shown do not correspond to reality).

If you don't want to implement this part, continue with step **124**.

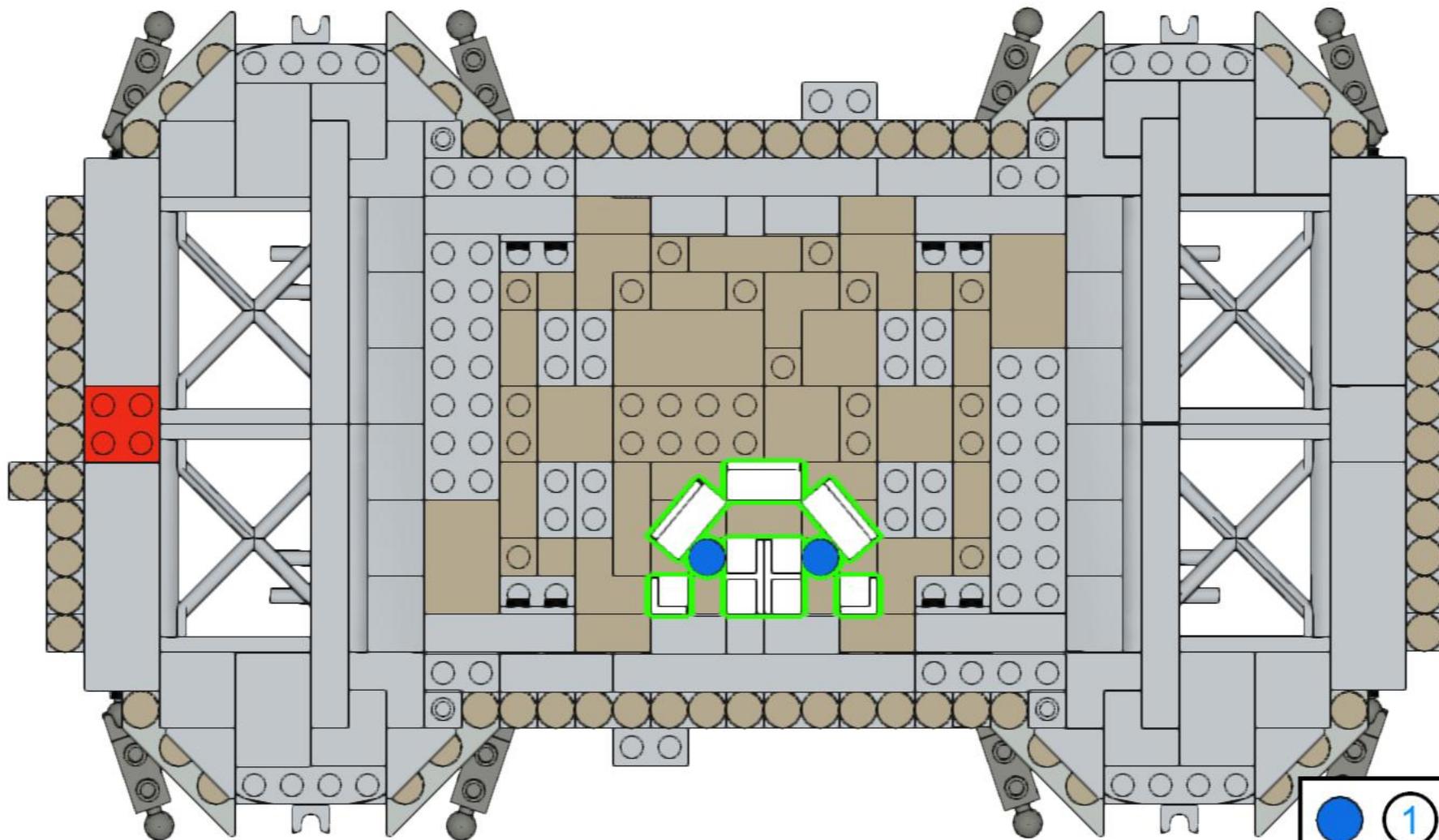
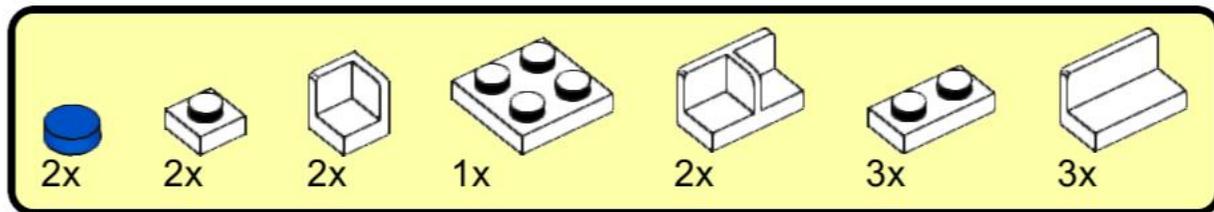
81



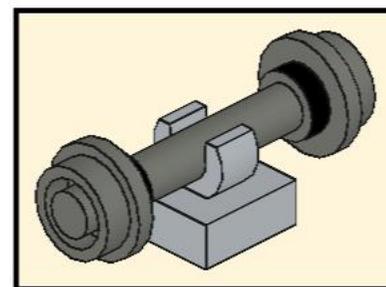
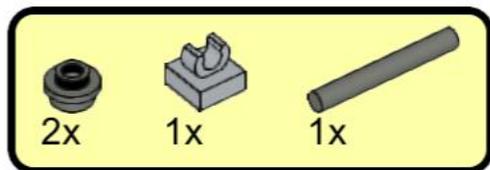
82



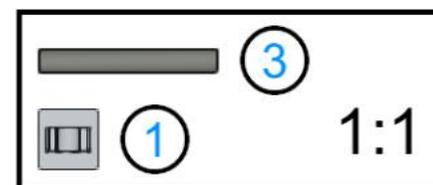
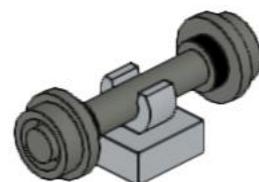
83



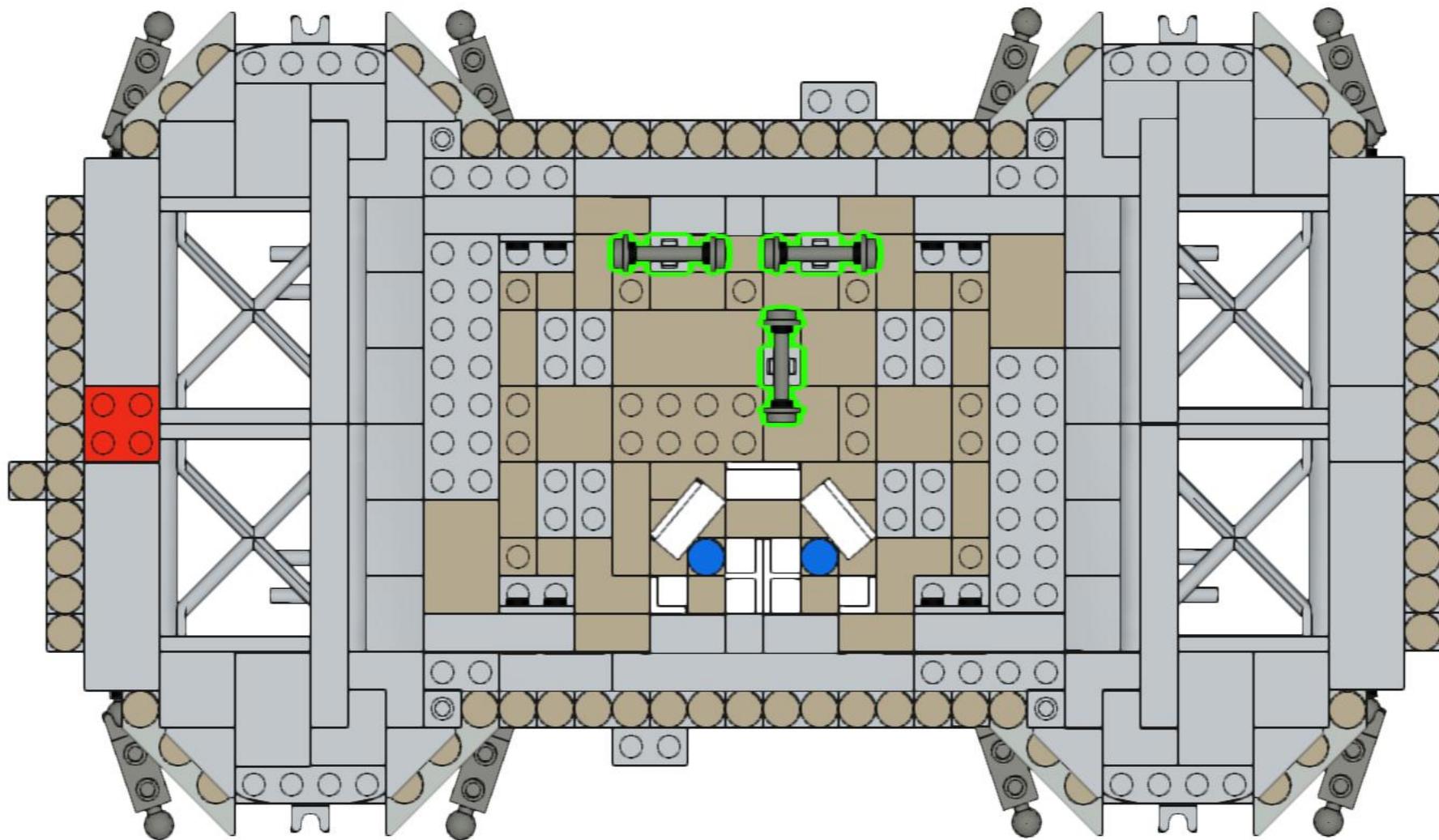
84



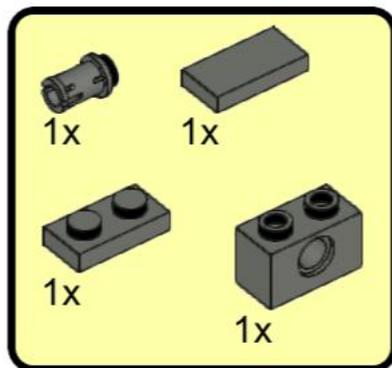
3x



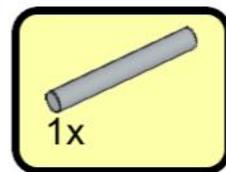
85



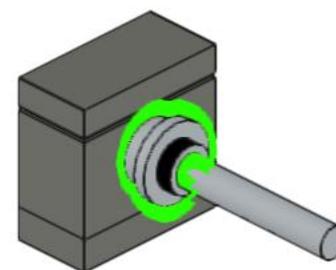
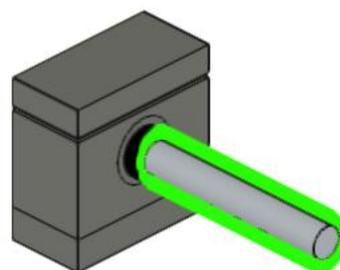
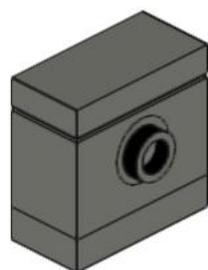
86



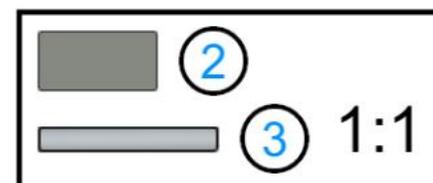
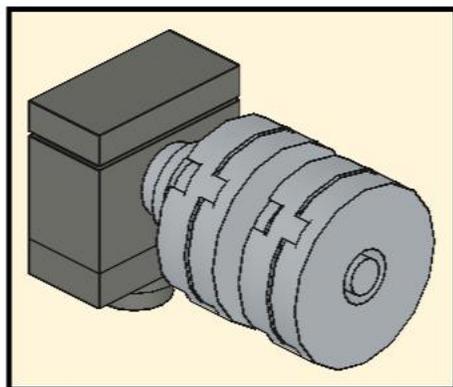
87



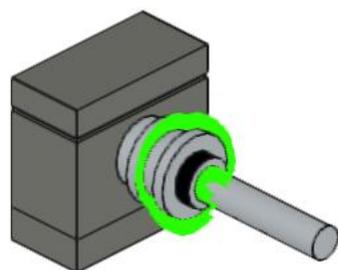
88



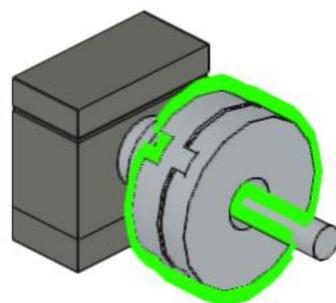
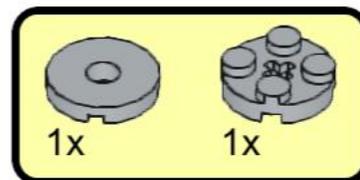
2x



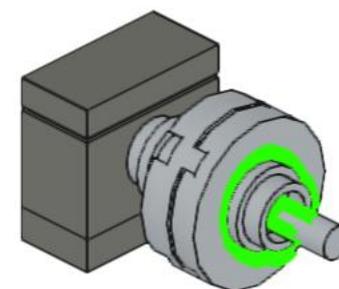
89



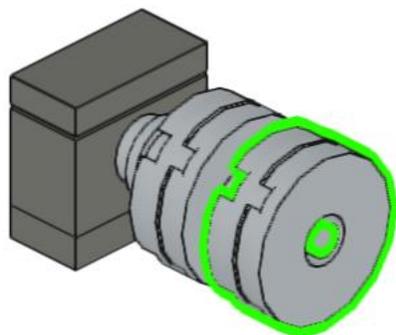
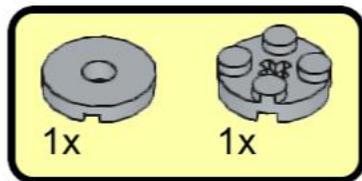
90



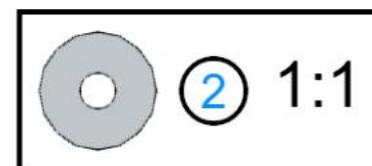
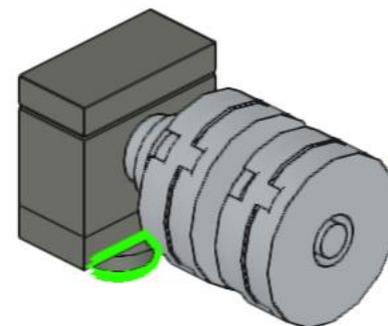
91



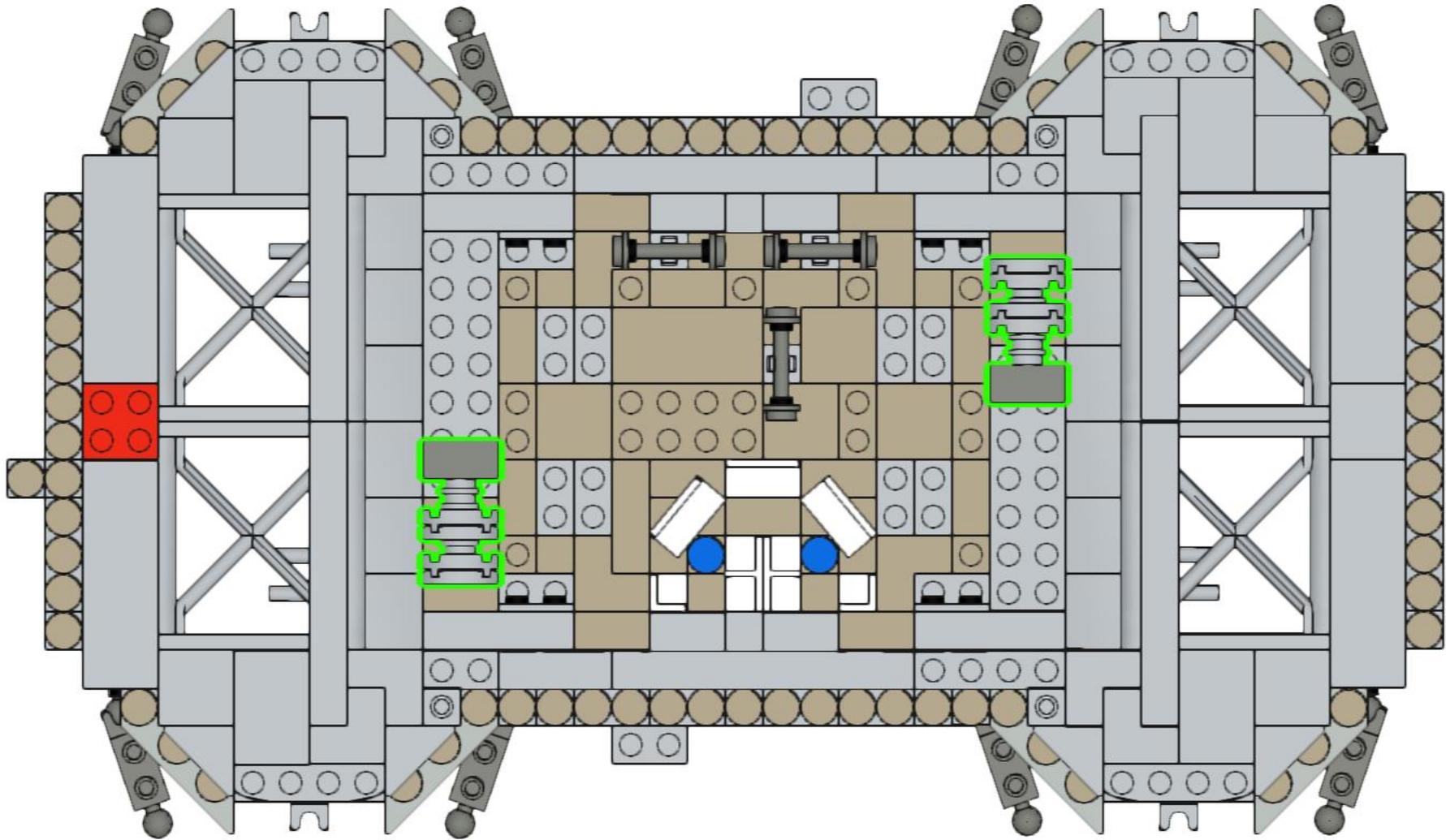
92



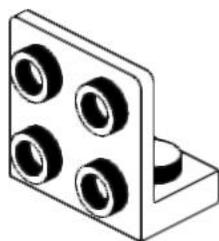
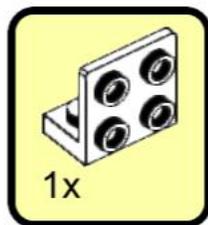
93



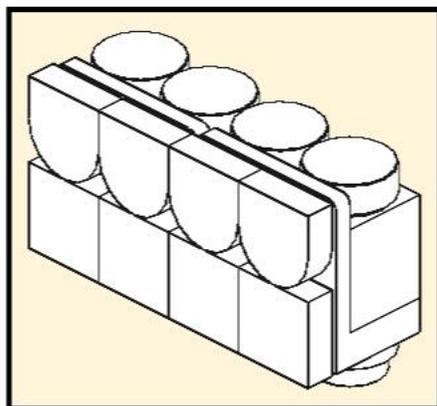
94



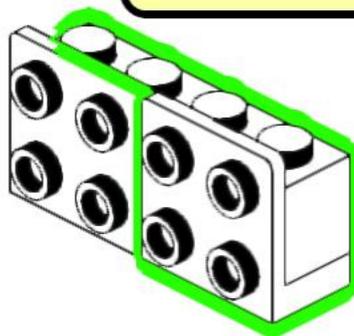
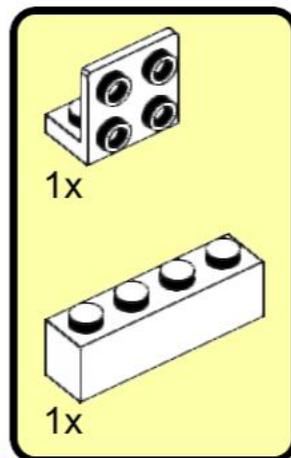
95



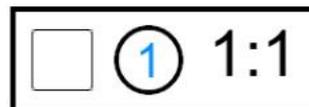
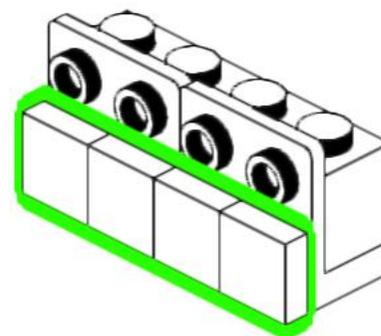
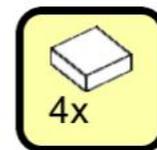
2x



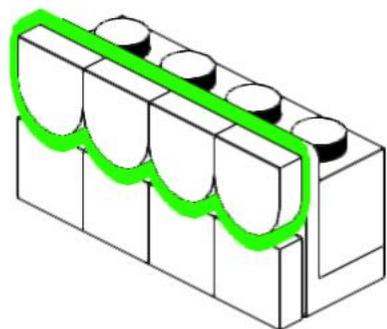
96



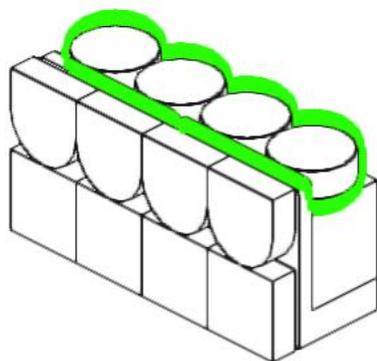
97



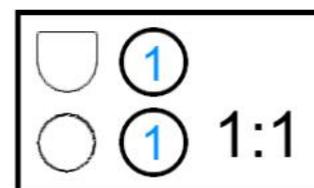
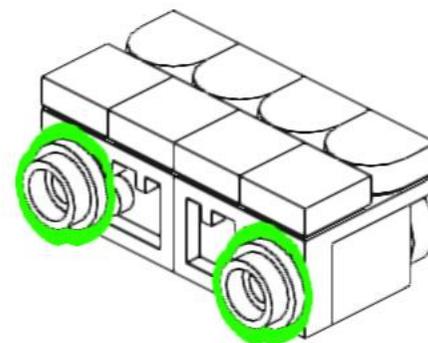
98  4x



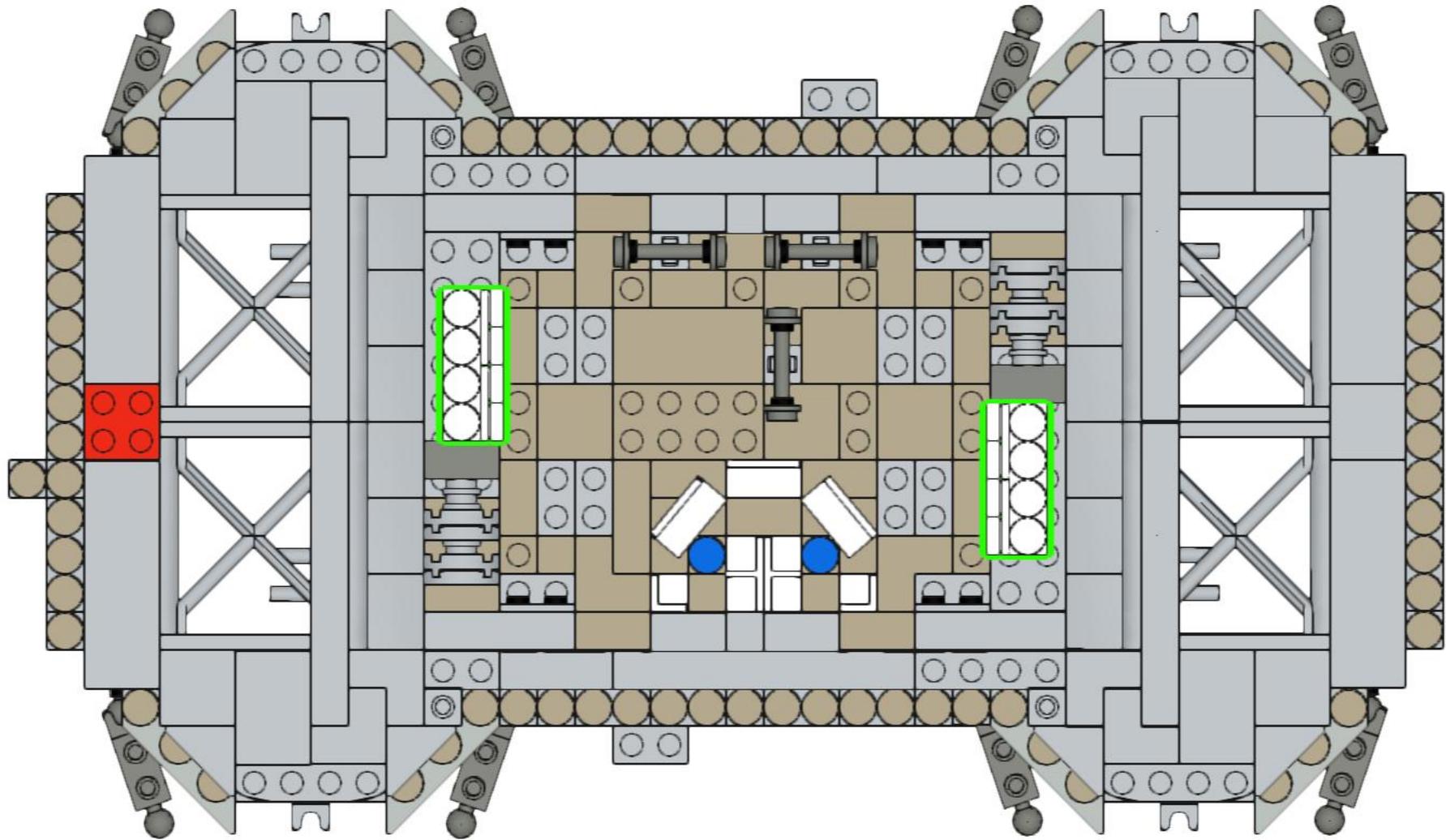
99  4x



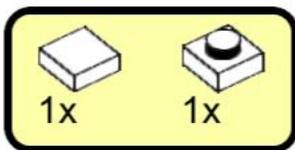
100  2x



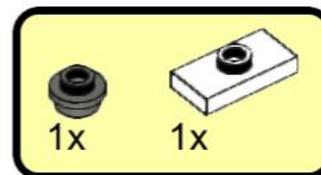
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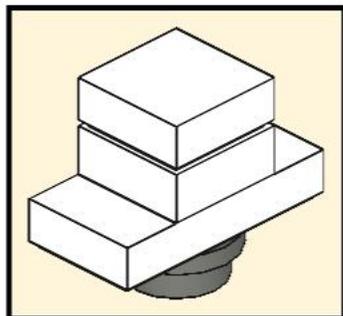
102



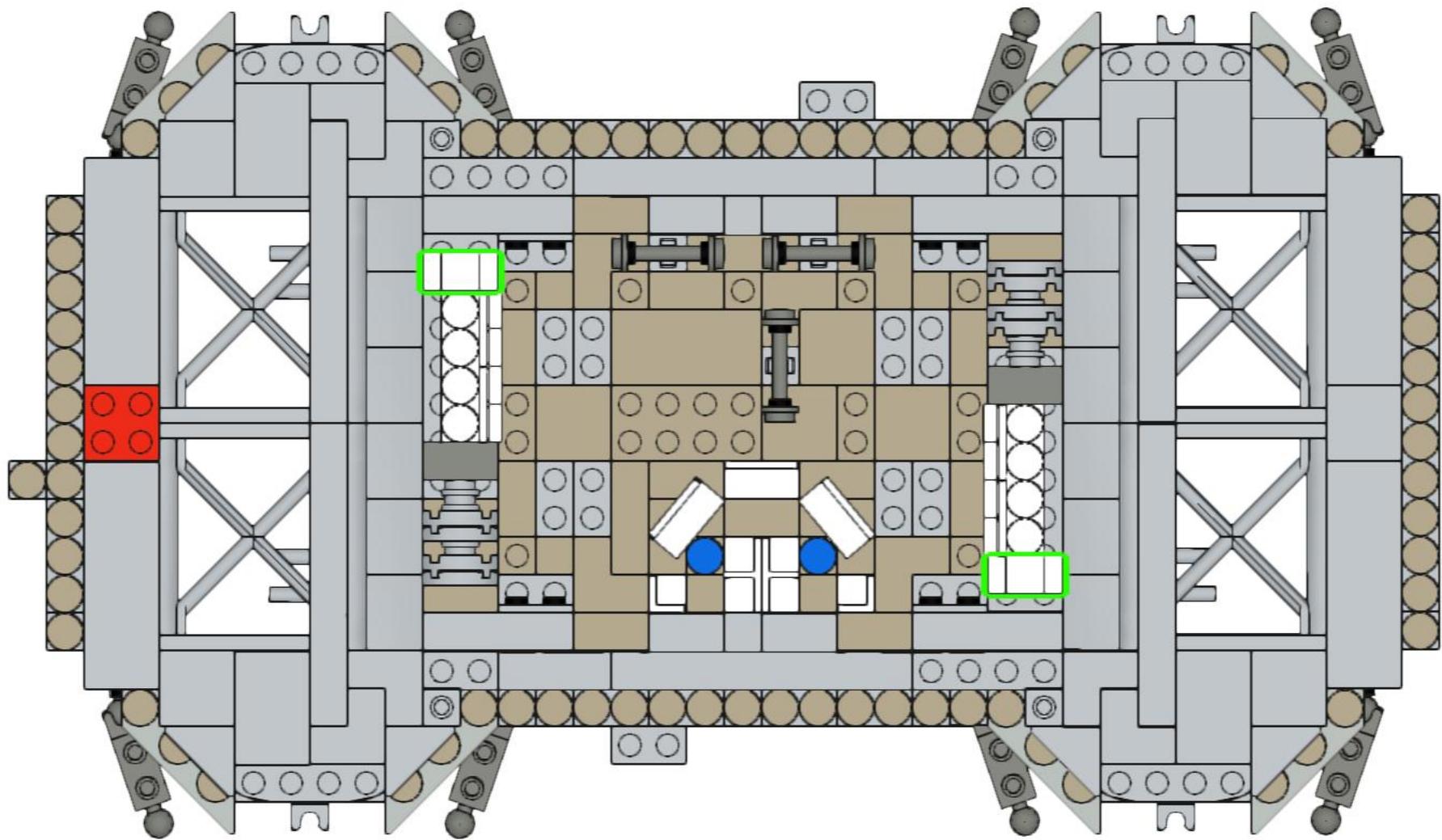
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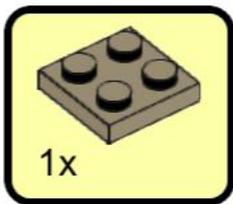
2x



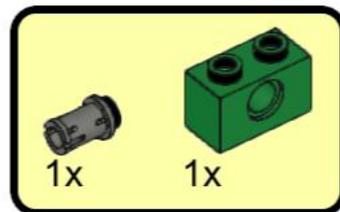
104



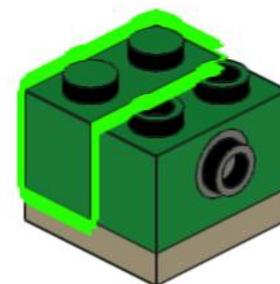
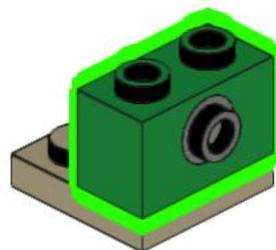
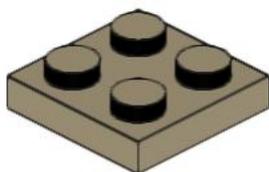
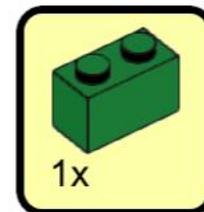
105



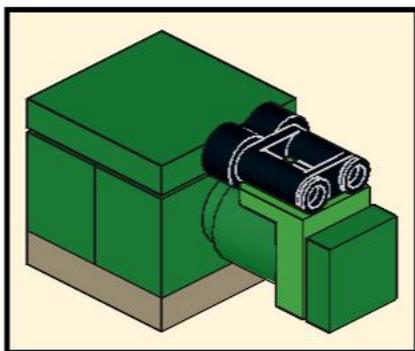
106



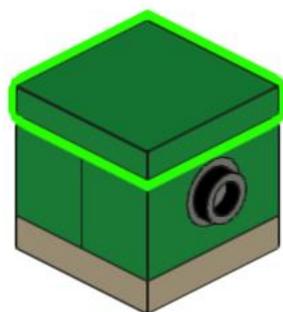
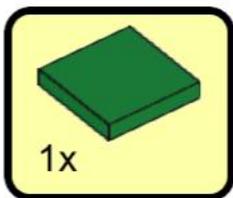
107



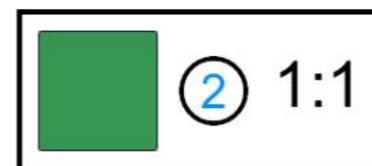
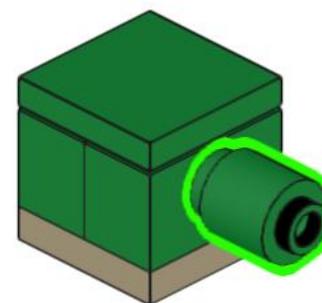
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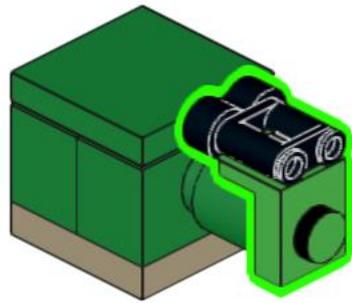
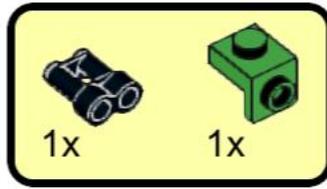
108



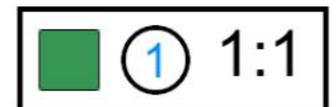
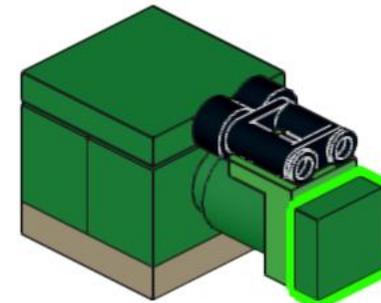
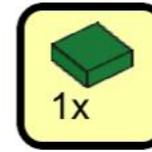
109



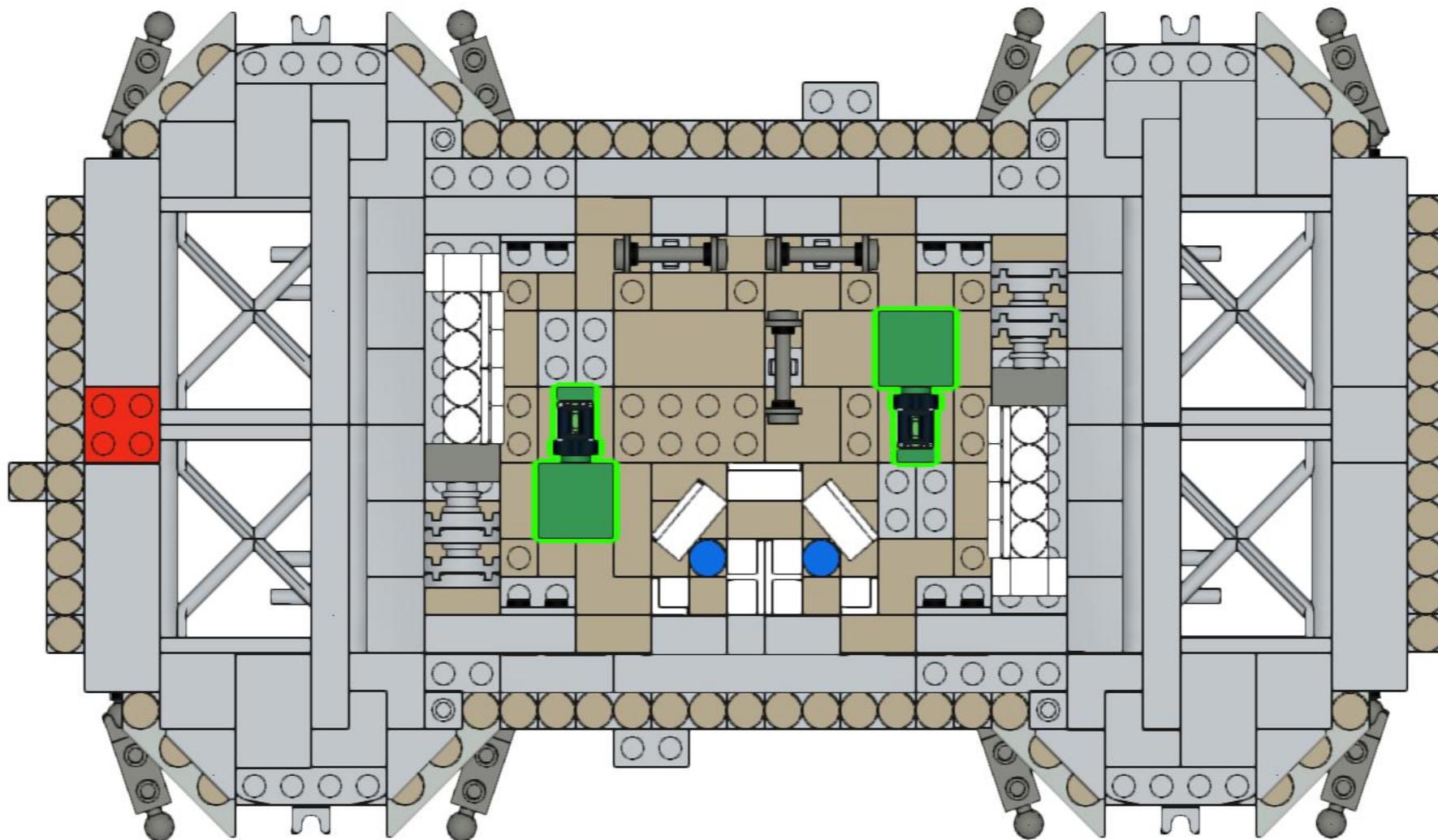
110



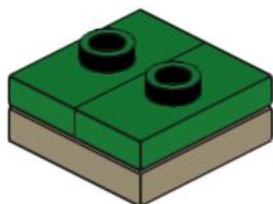
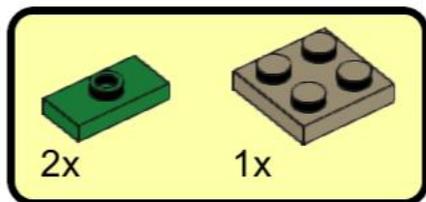
111



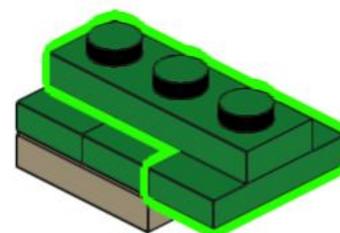
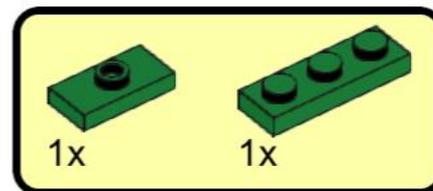
112



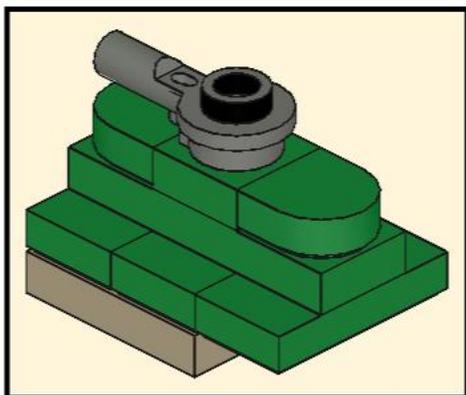
113



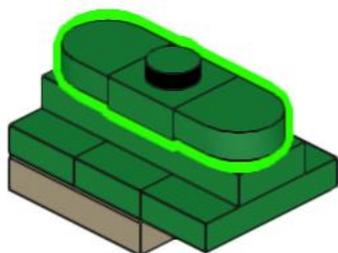
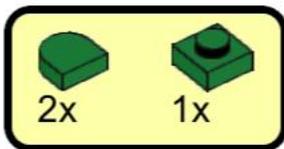
114



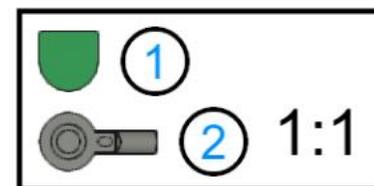
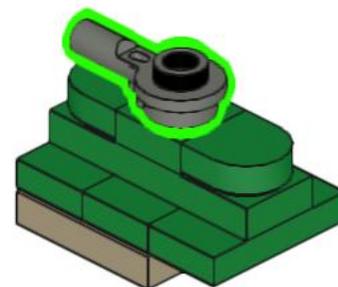
2x



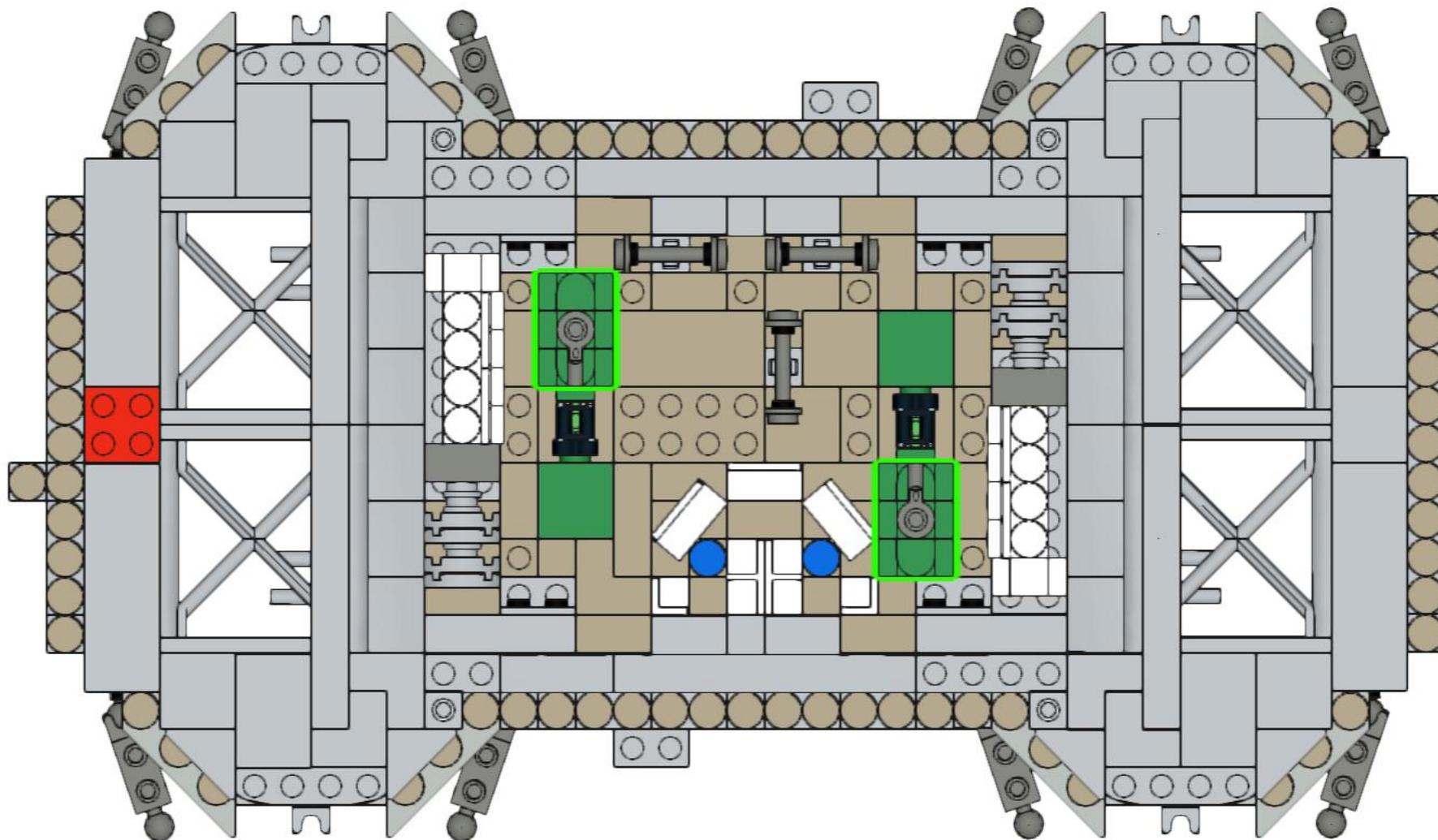
115



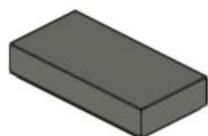
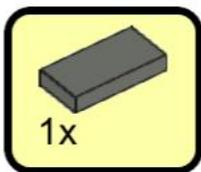
116



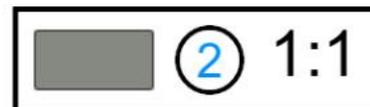
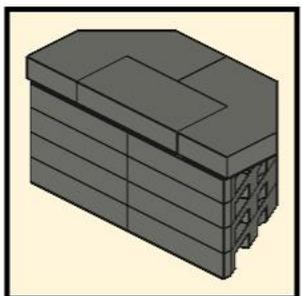
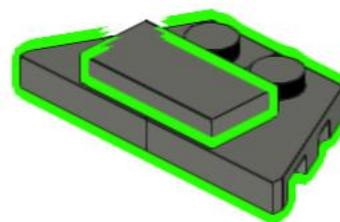
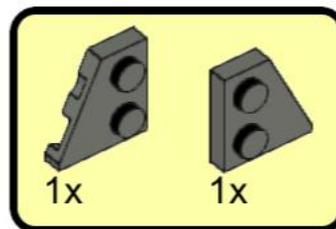
117



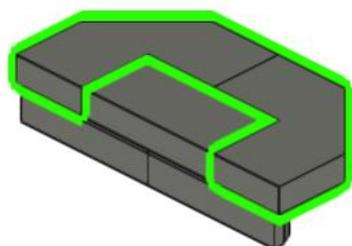
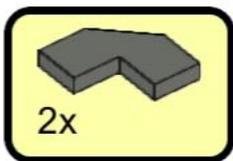
118



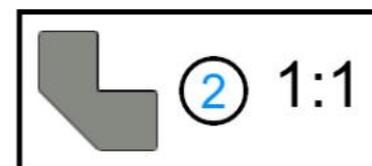
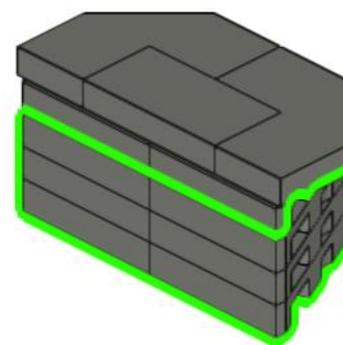
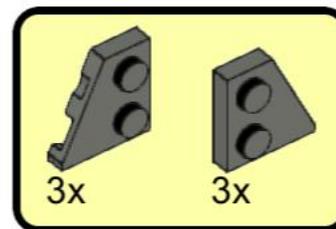
119



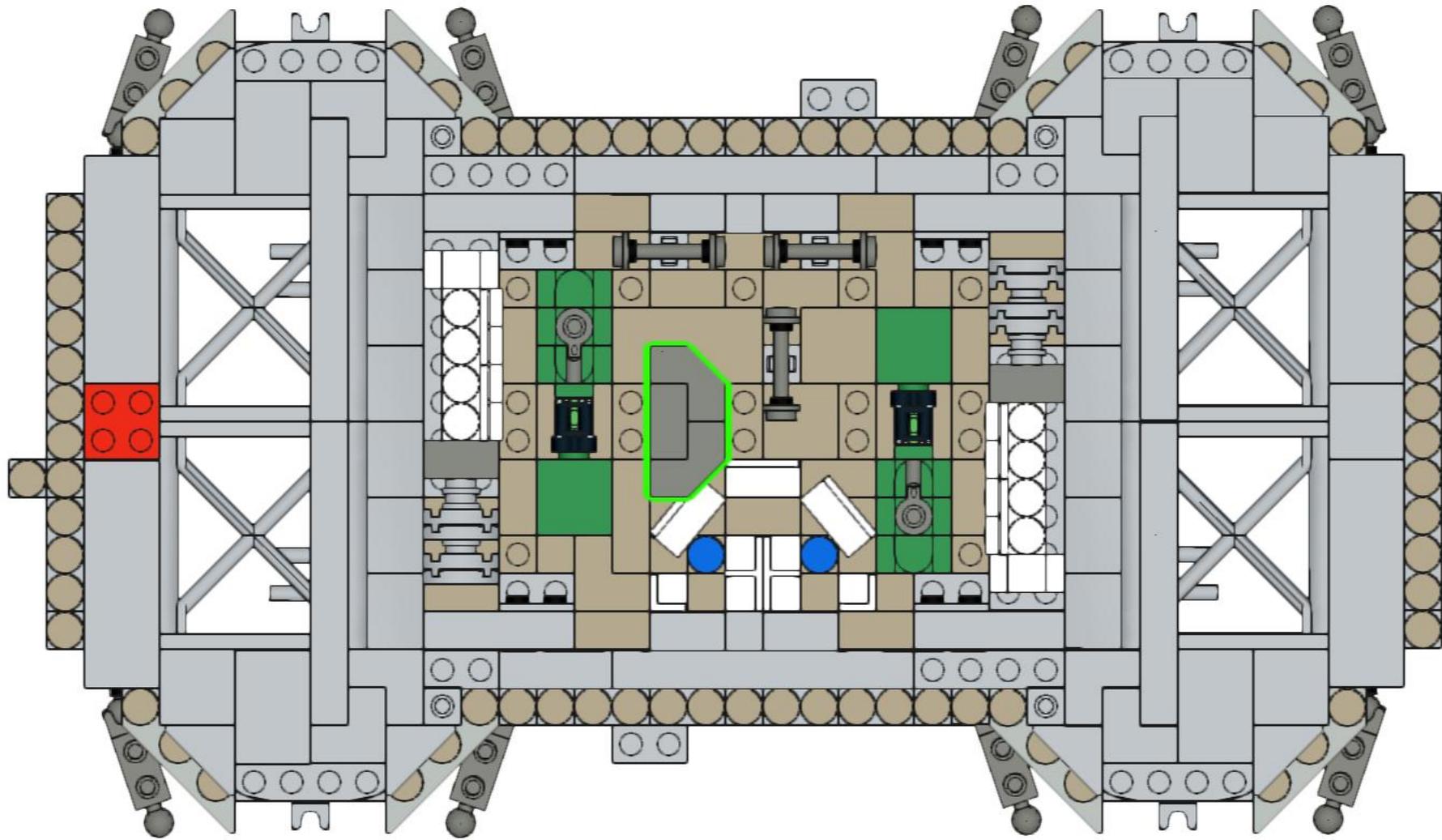
120



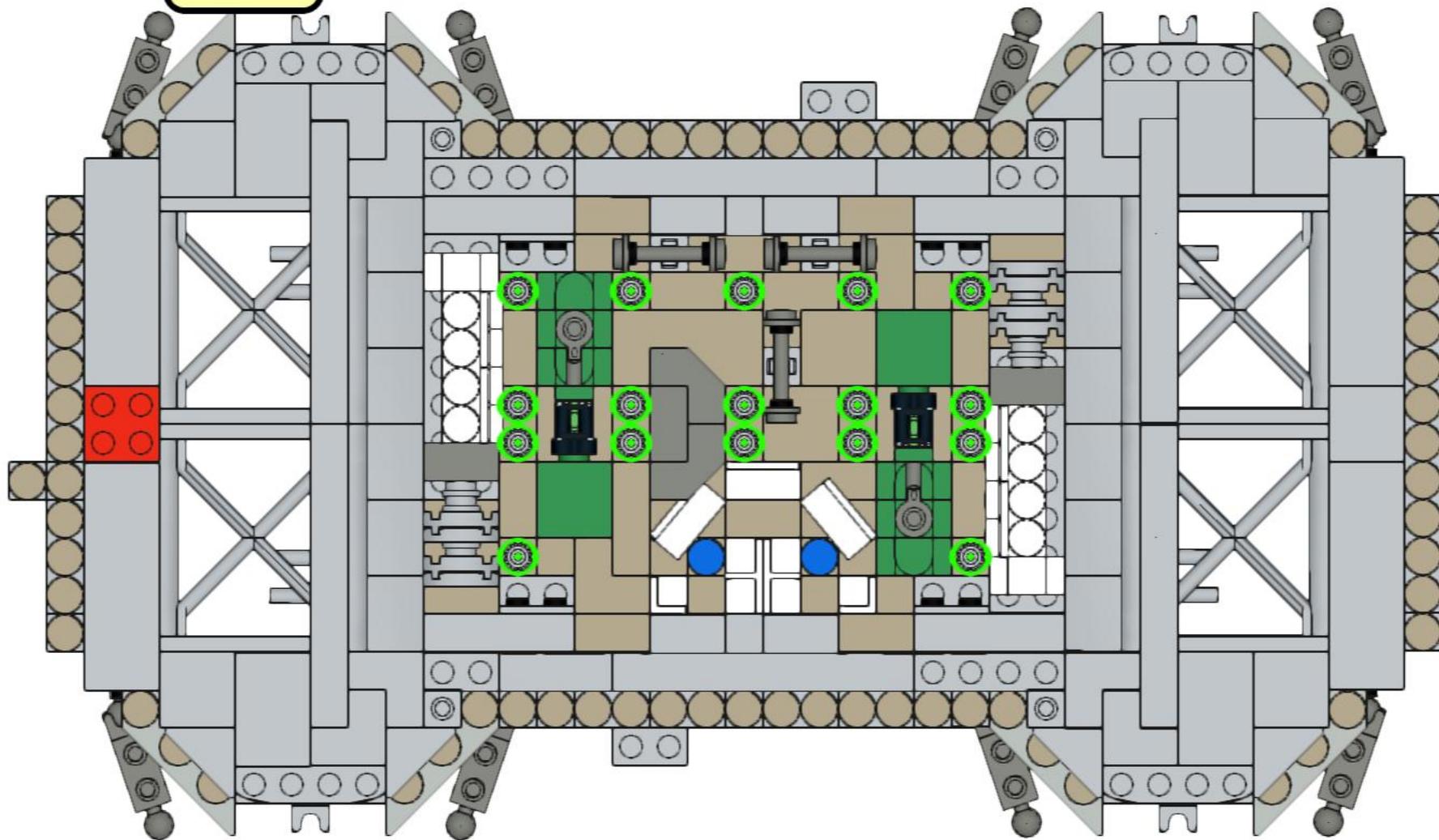
121



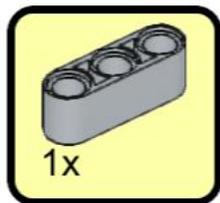
122



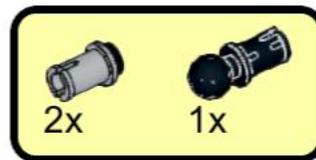
123



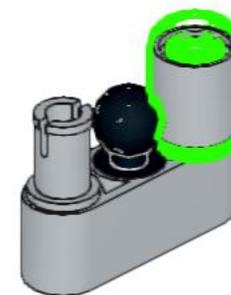
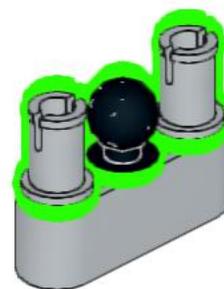
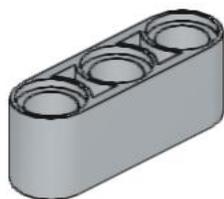
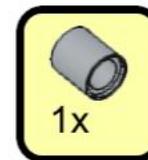
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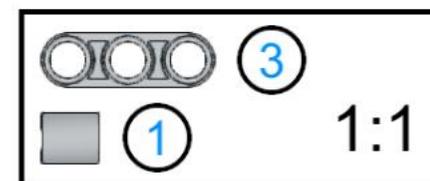
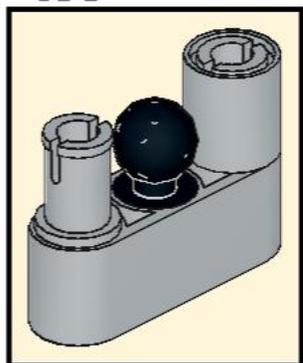
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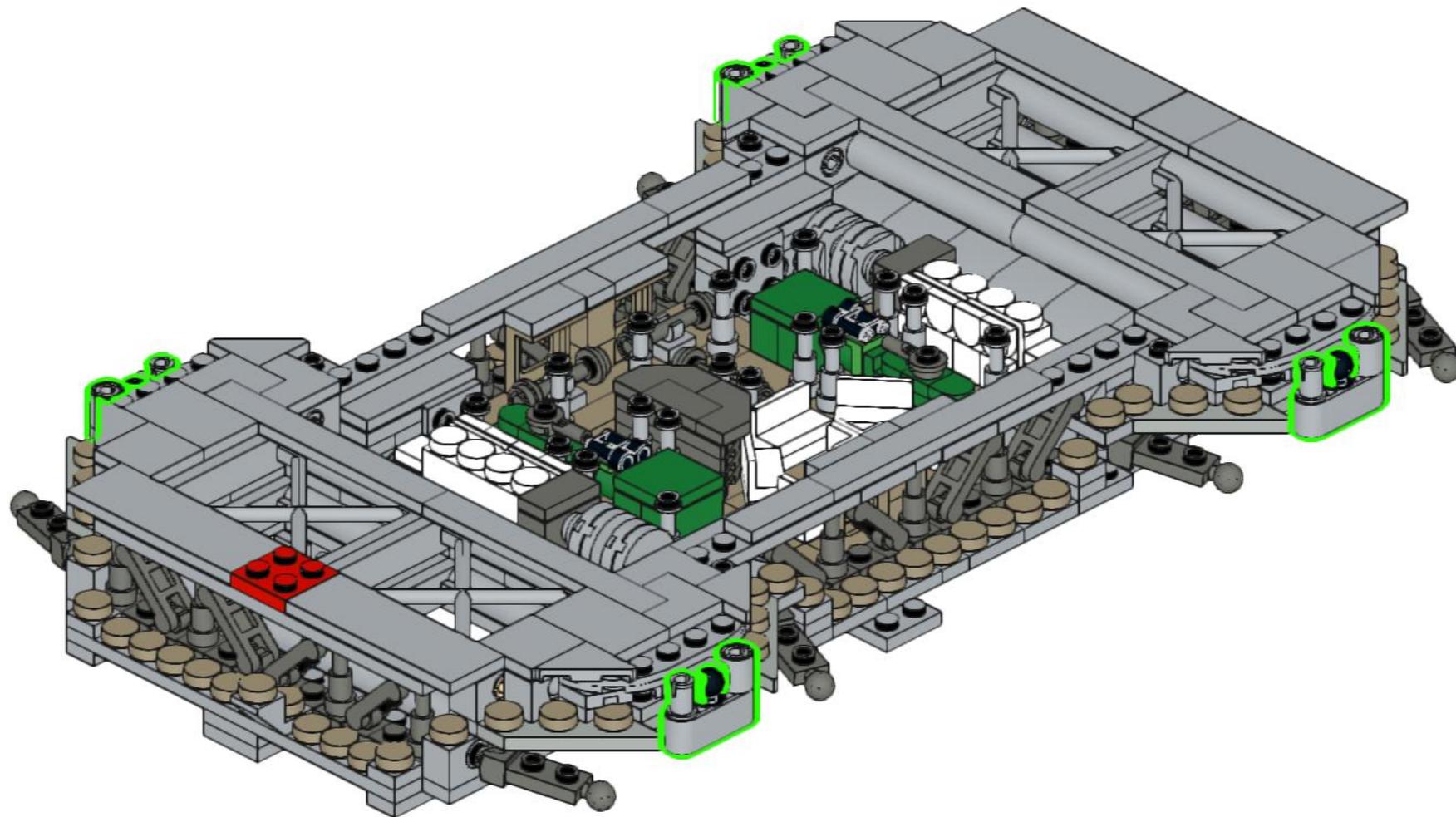
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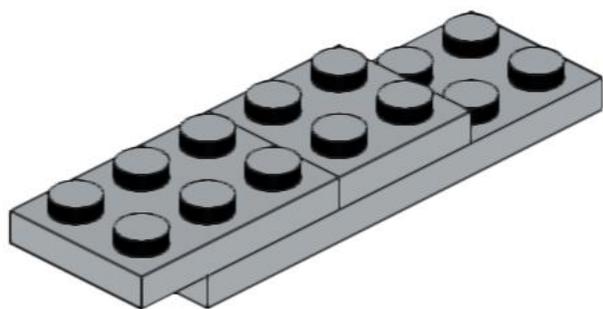
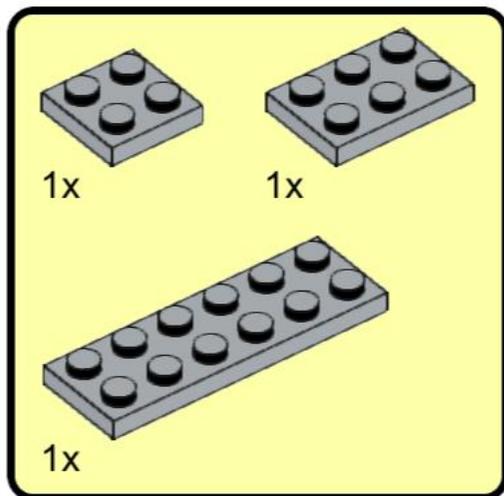
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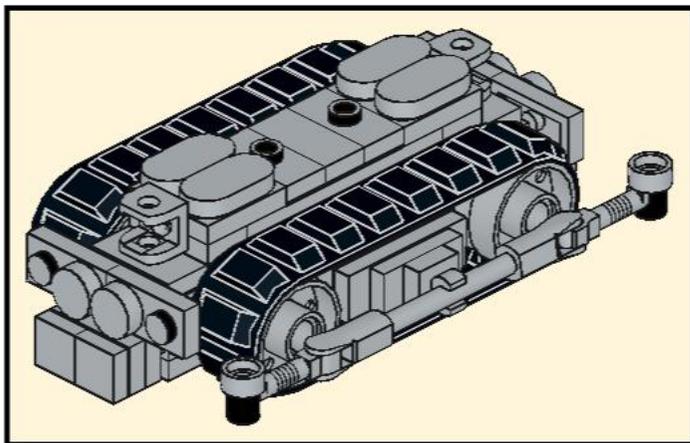
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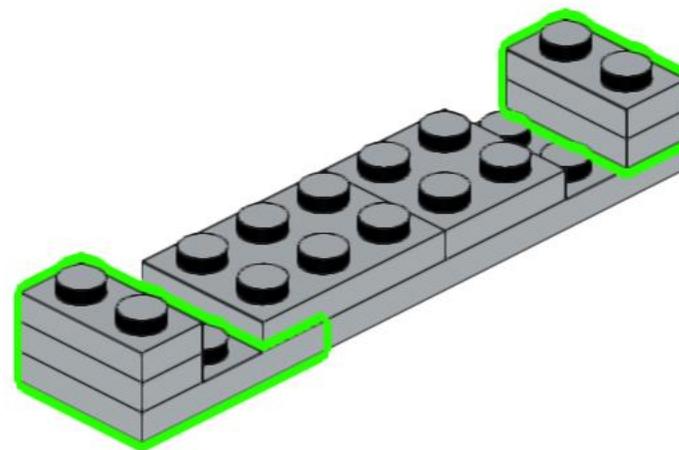
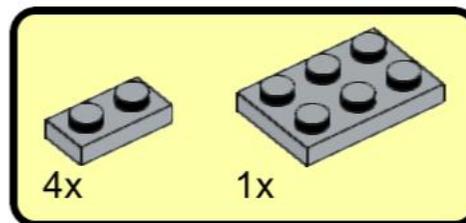
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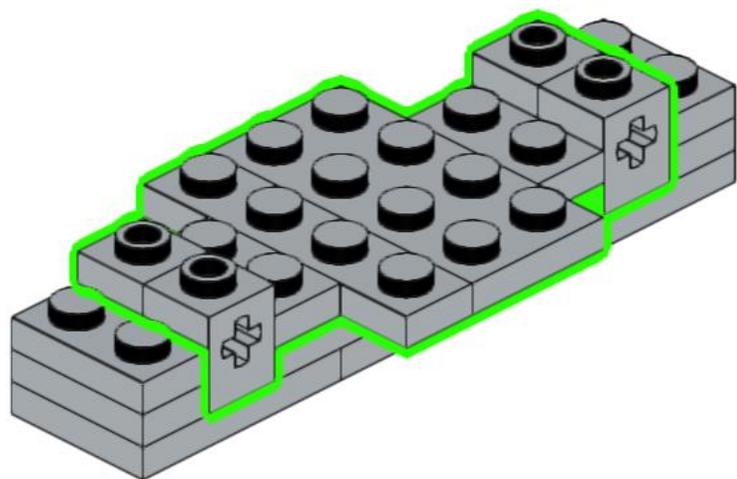
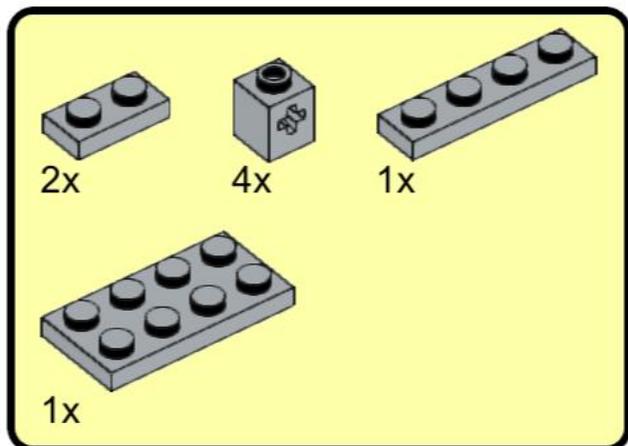
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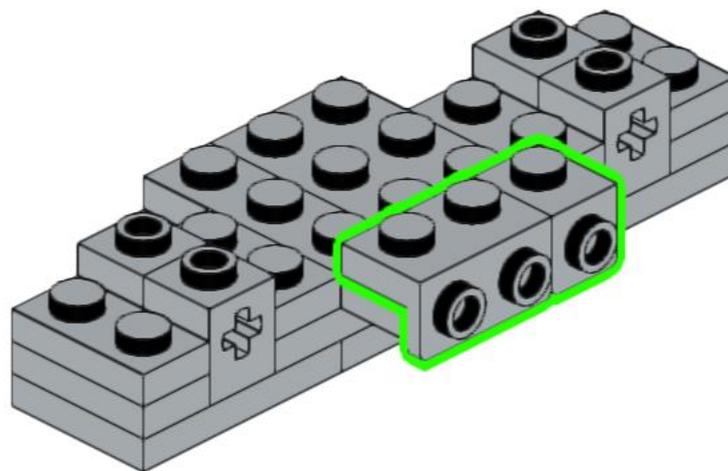
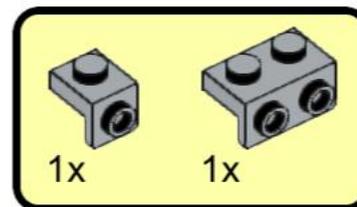
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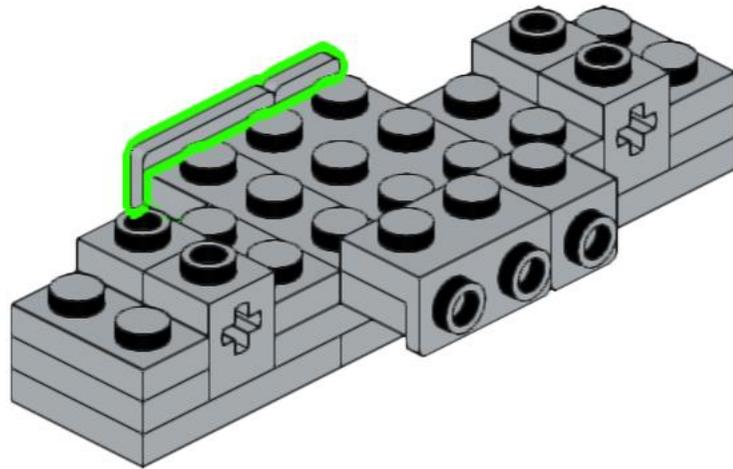
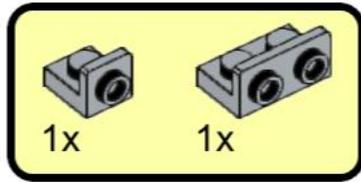
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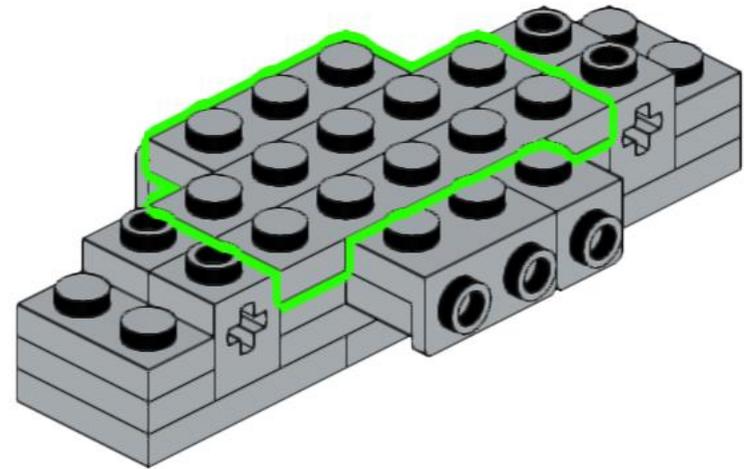
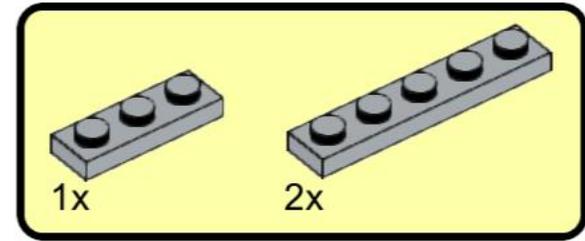
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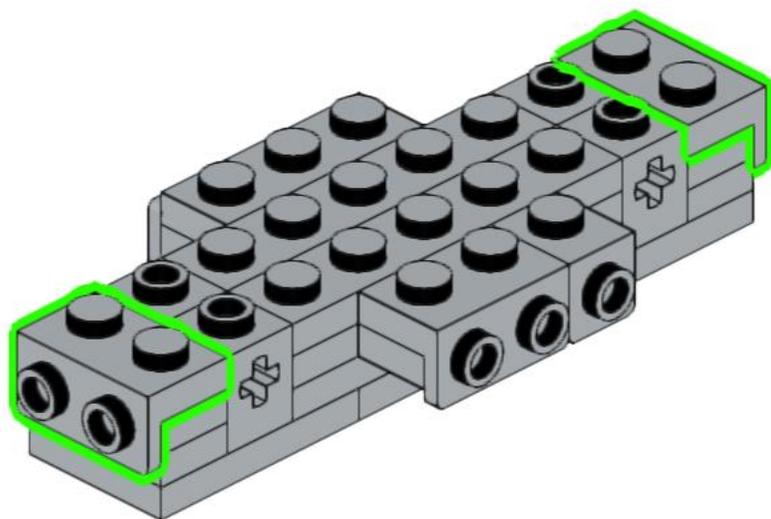
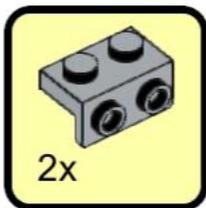
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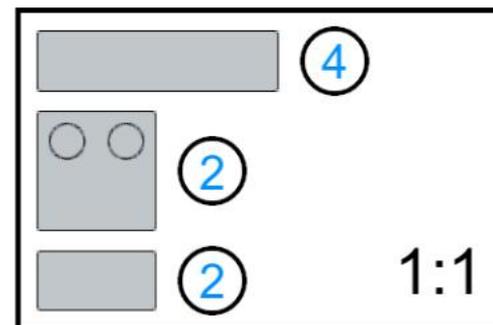
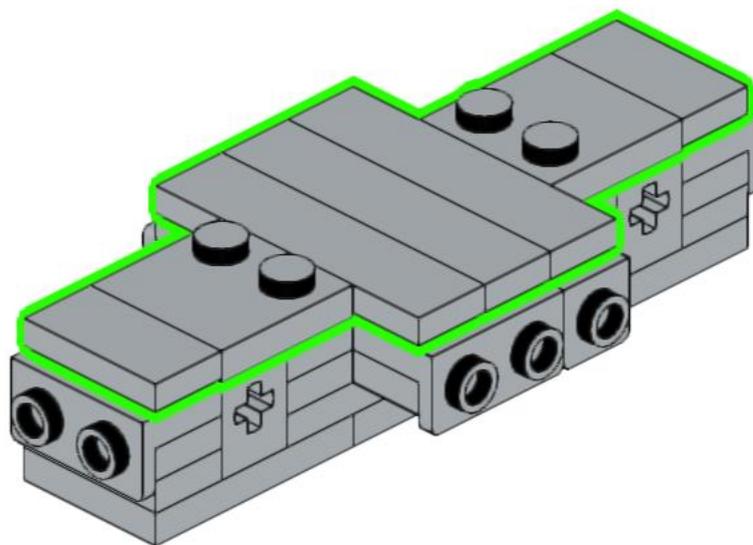
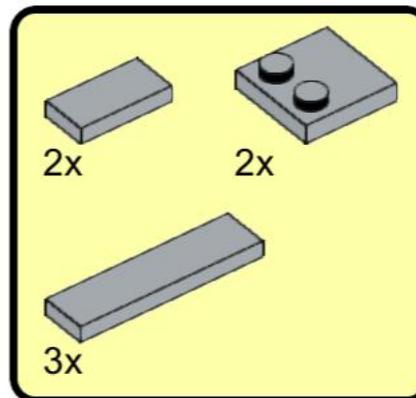
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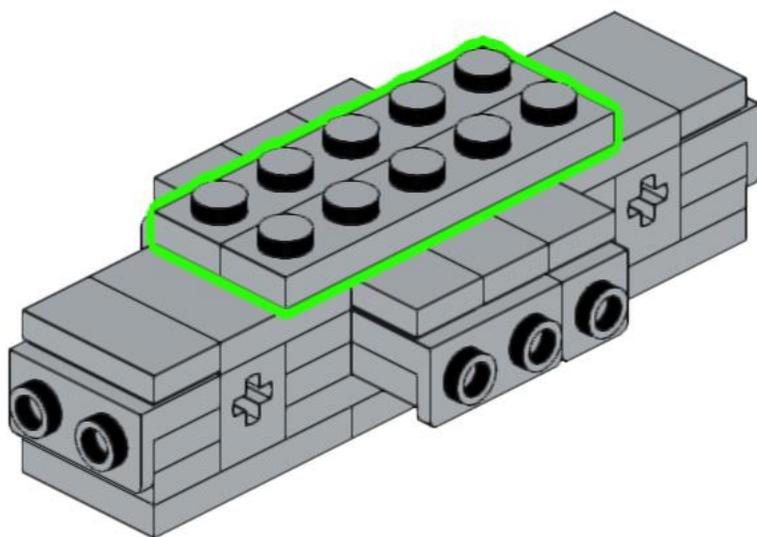
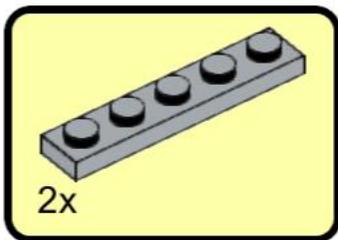
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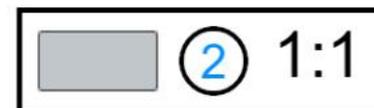
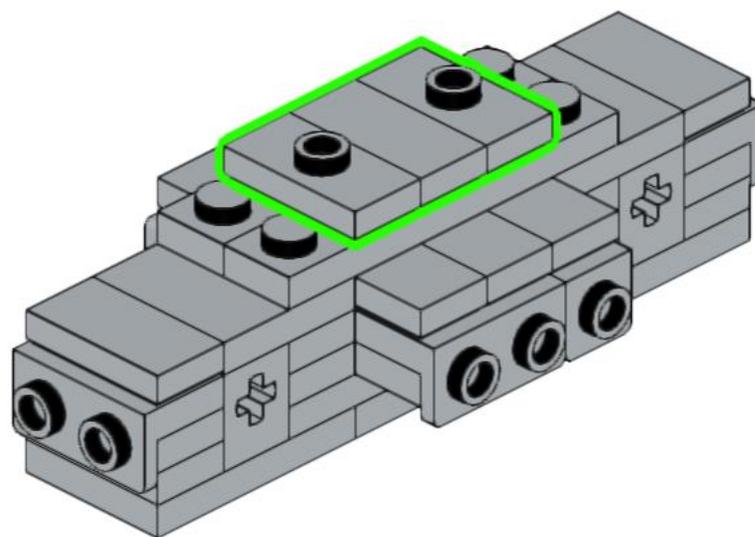
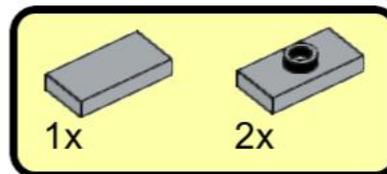
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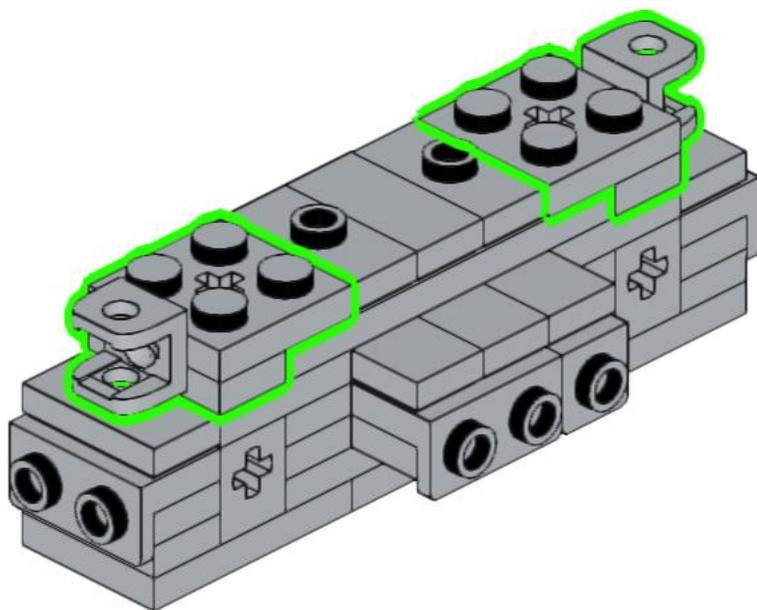
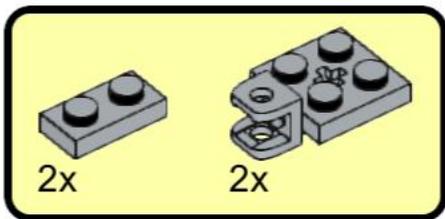
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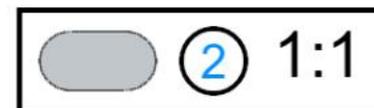
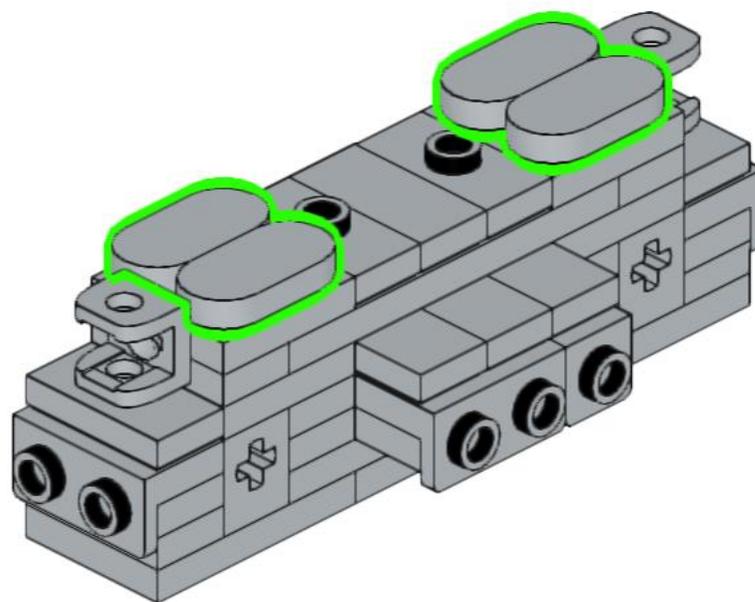
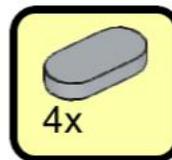
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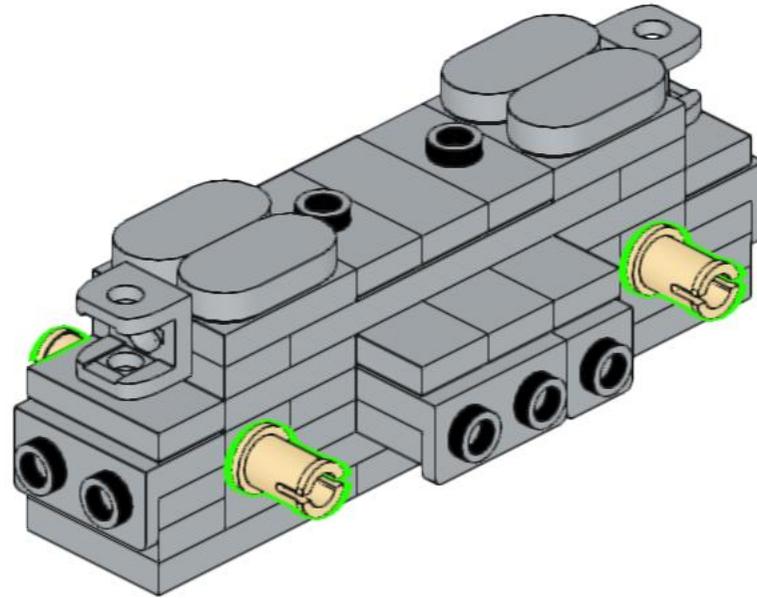
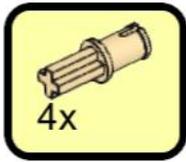
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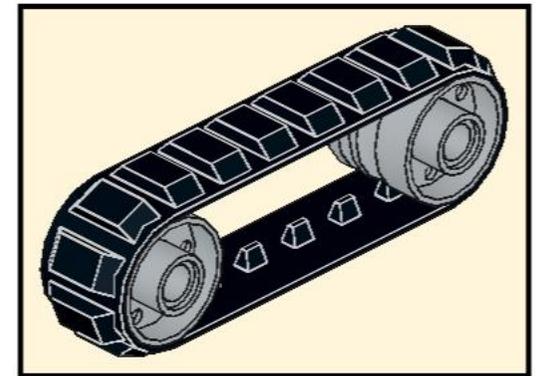
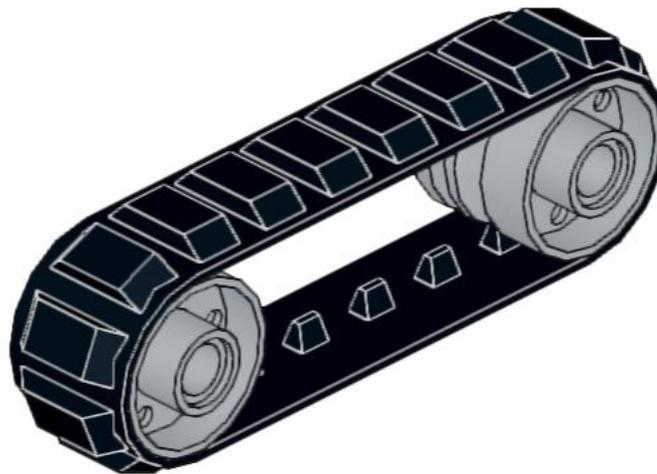
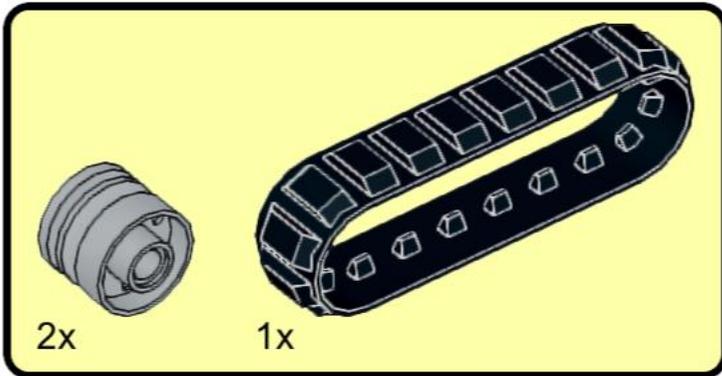
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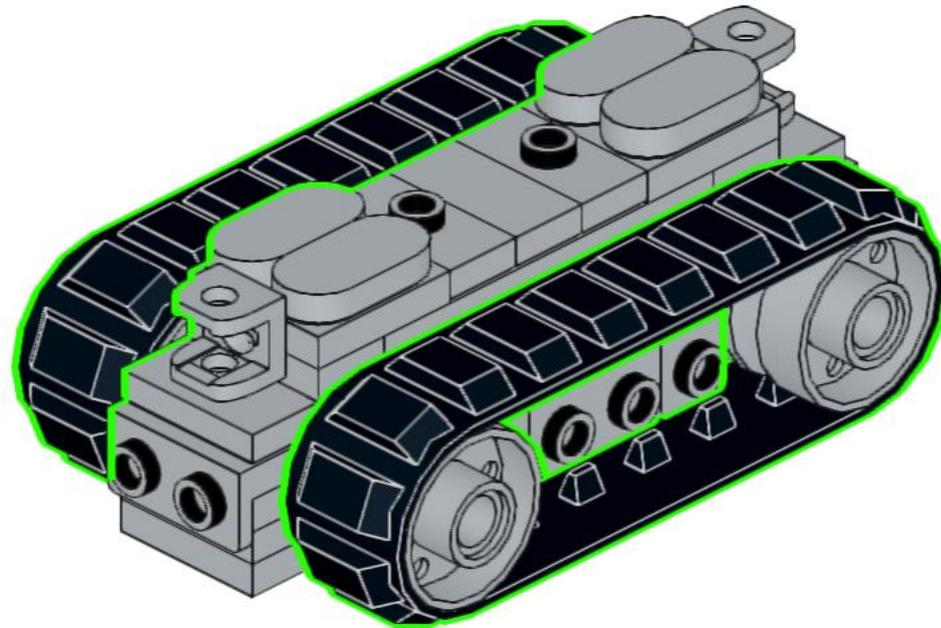


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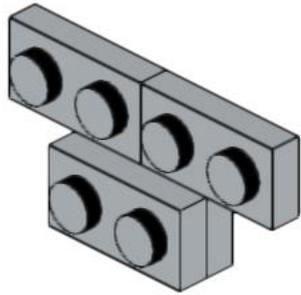
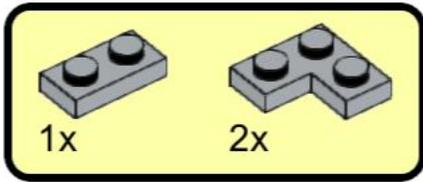


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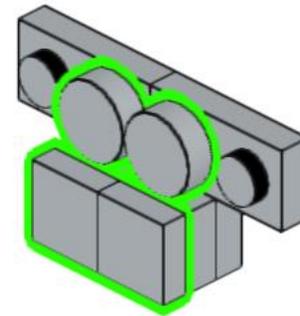
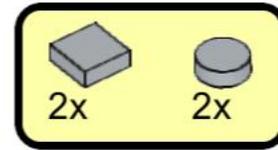
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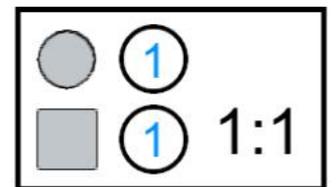
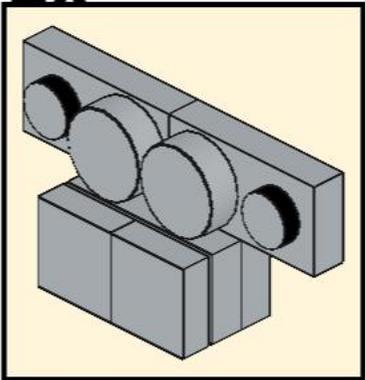
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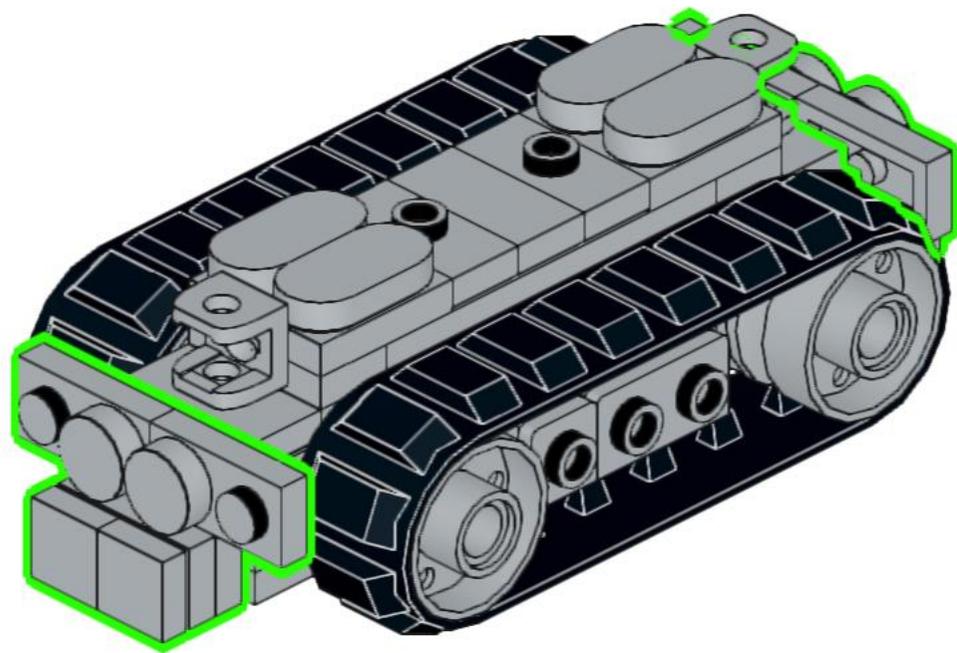
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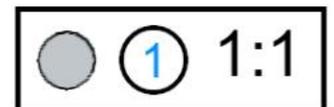
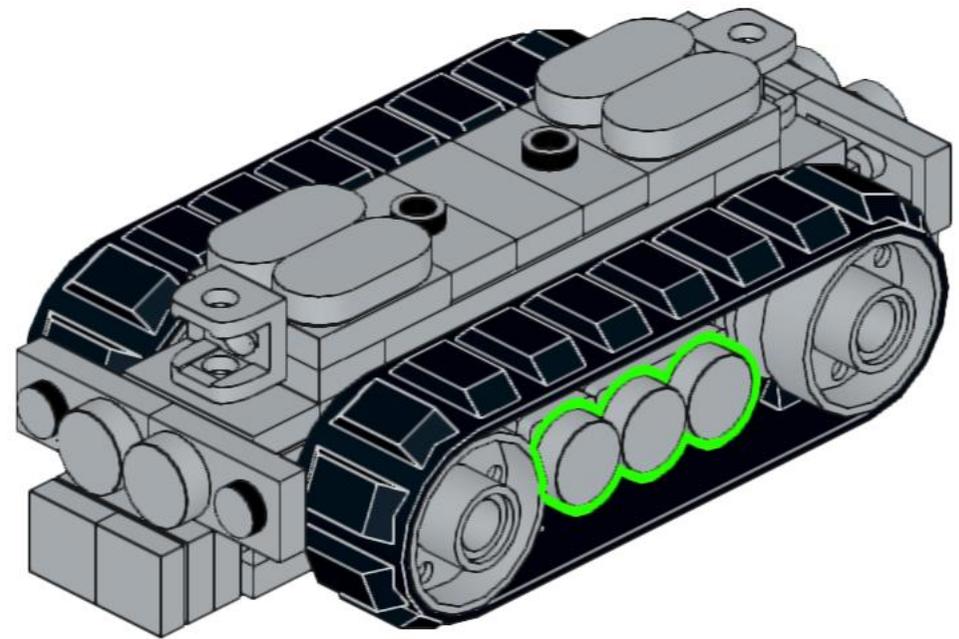
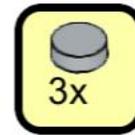
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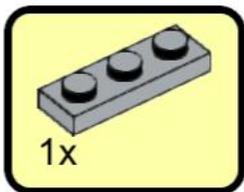
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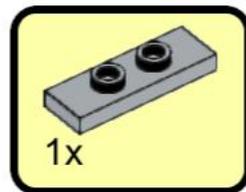
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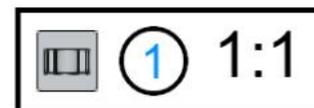
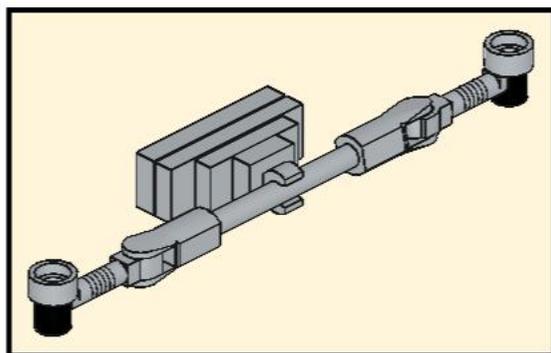
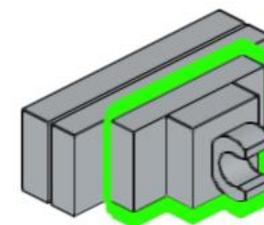
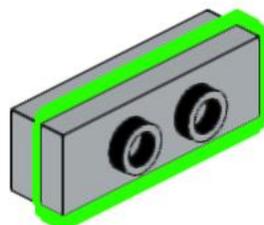
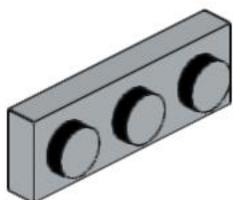
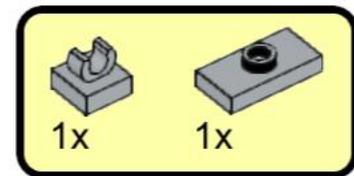
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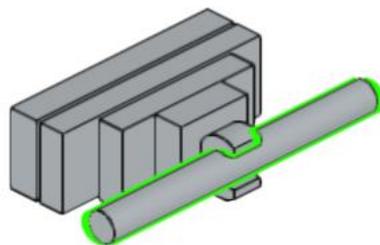
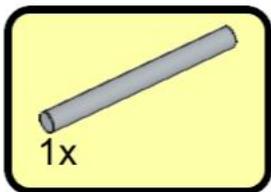
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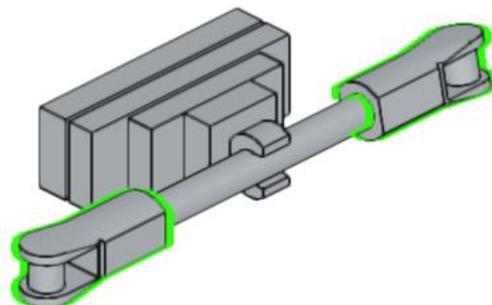
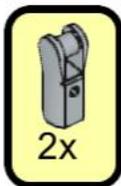
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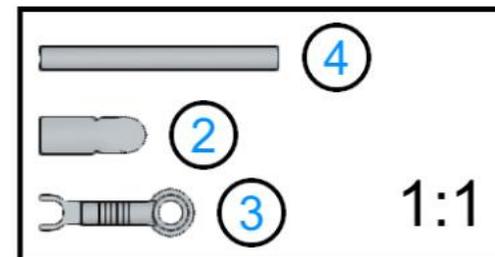
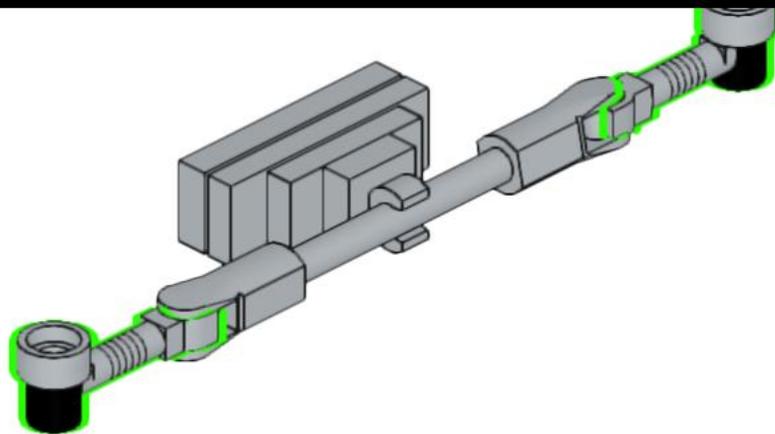
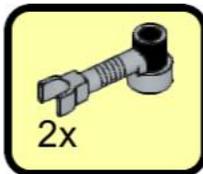
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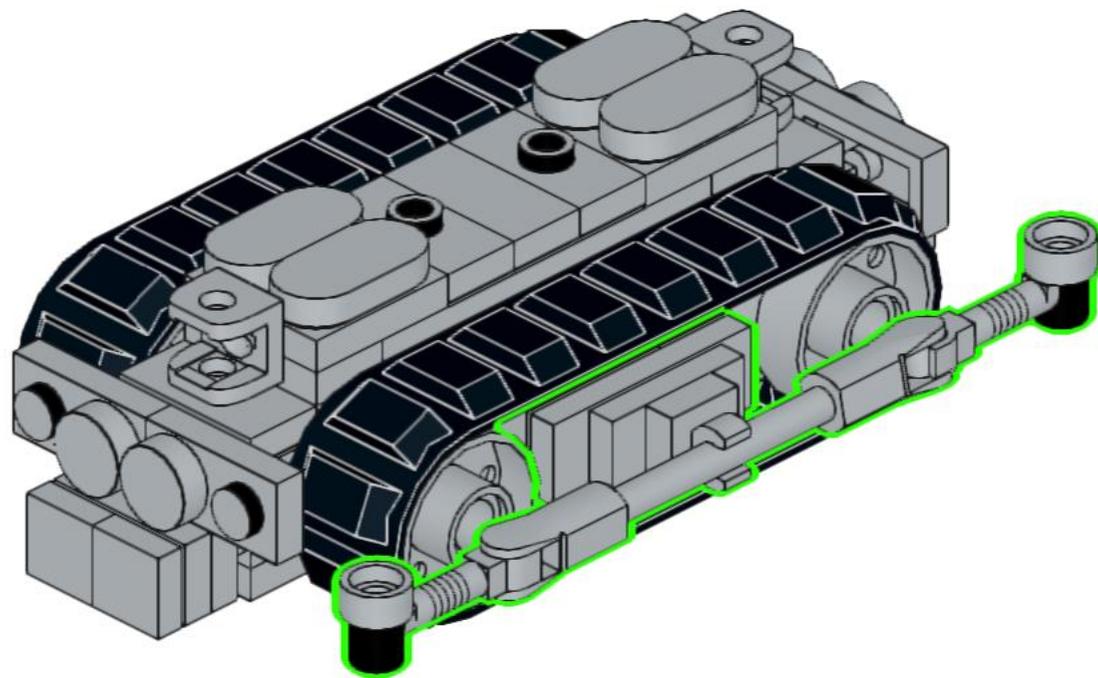
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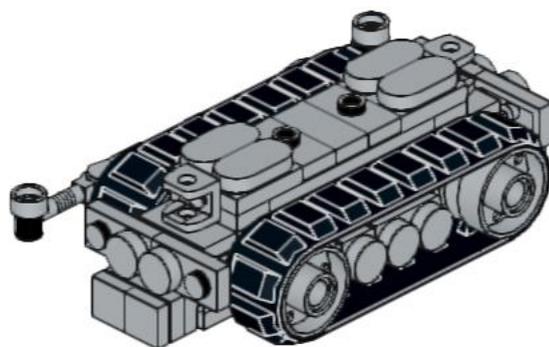
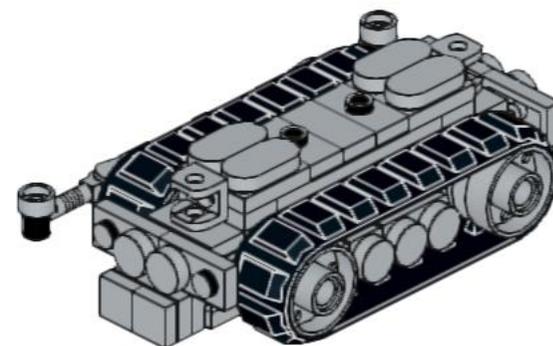
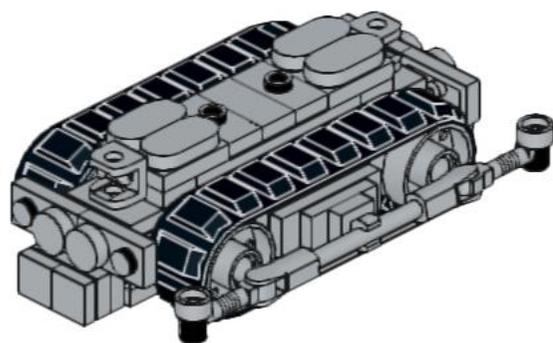
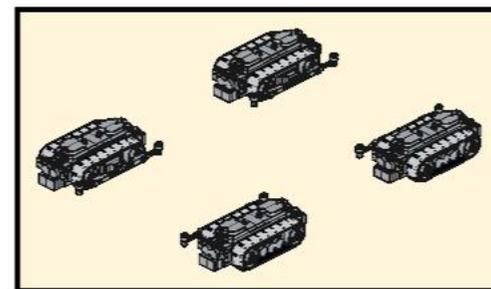
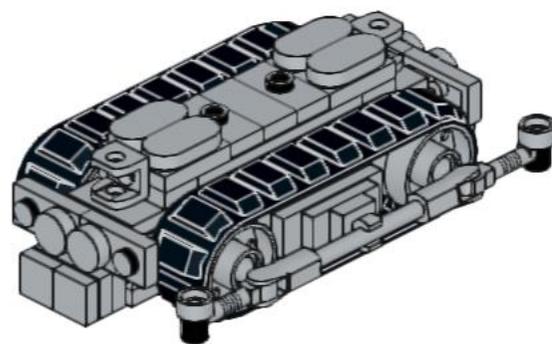
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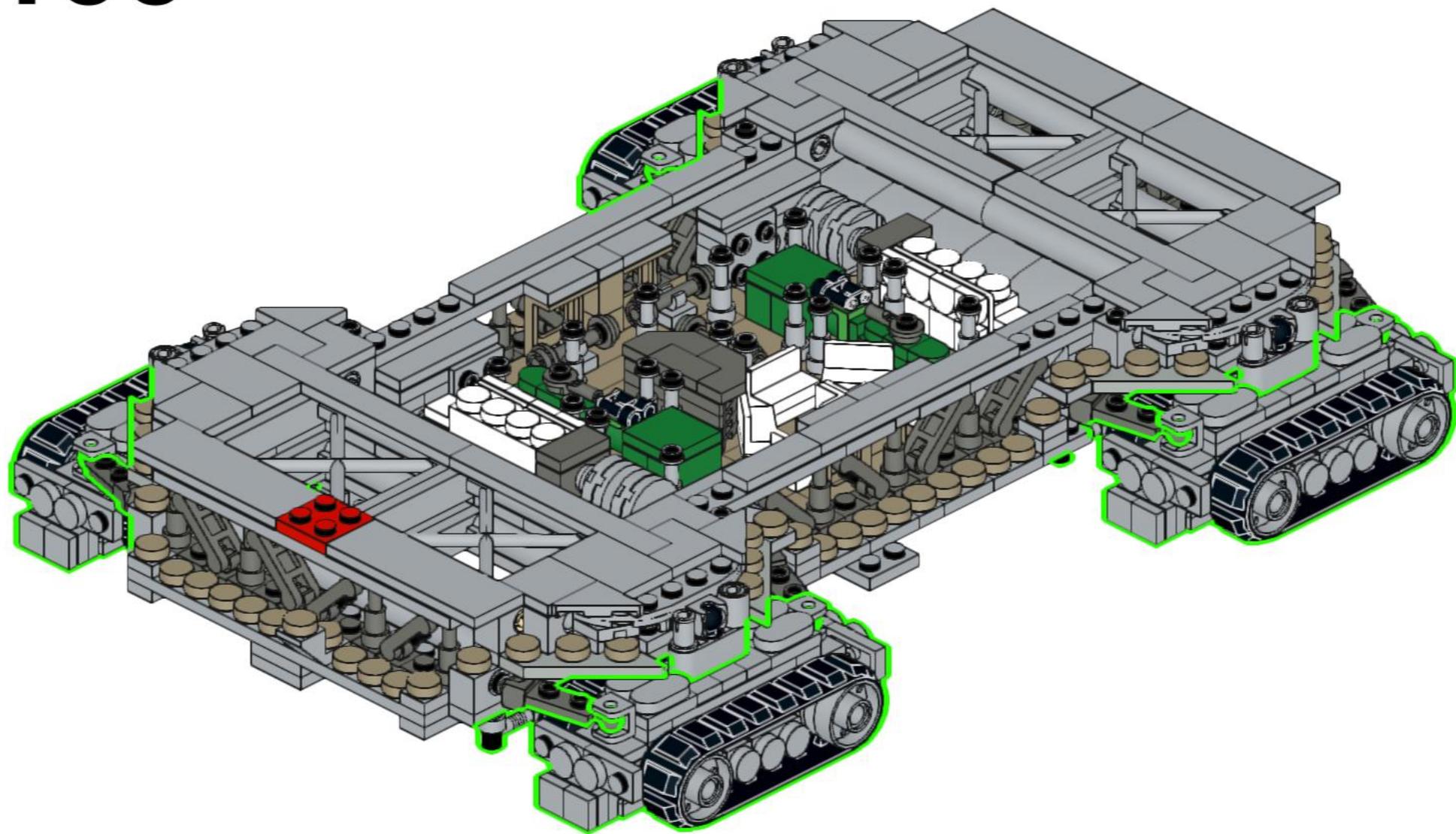
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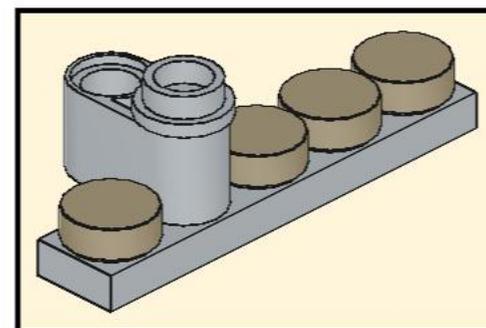
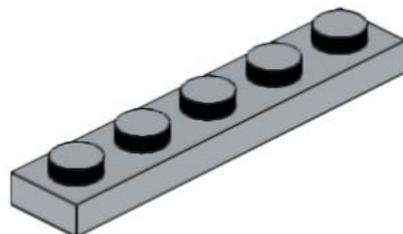
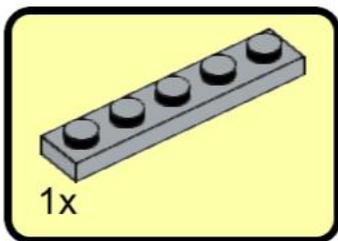
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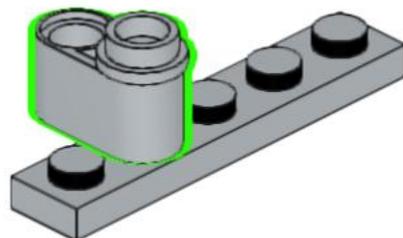
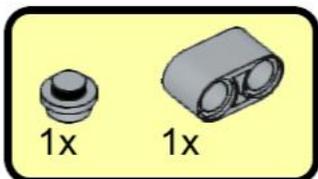


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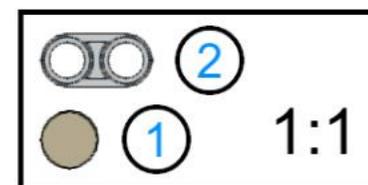
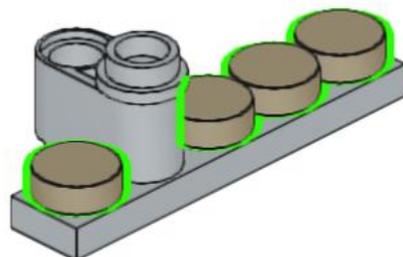
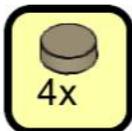


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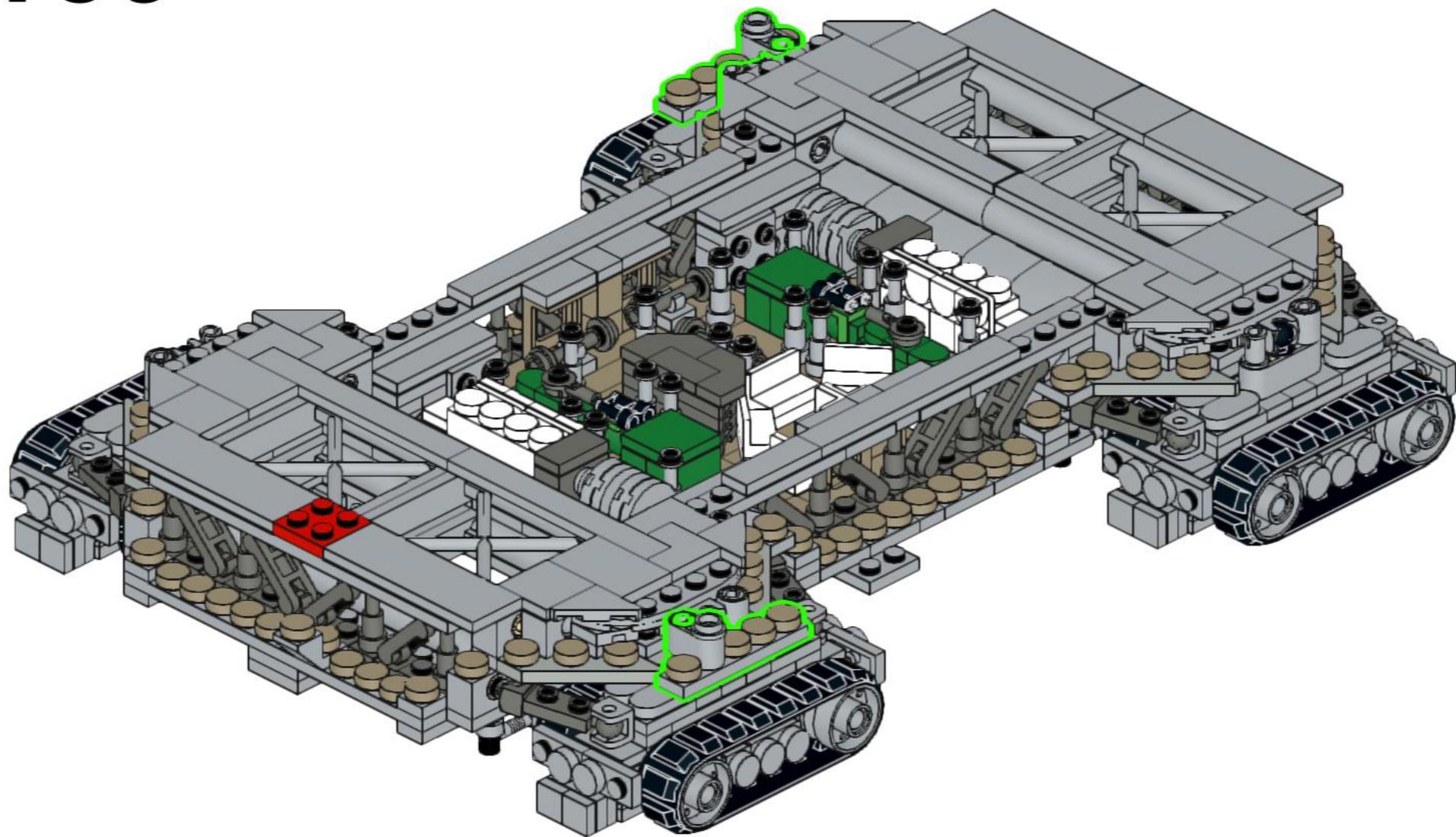
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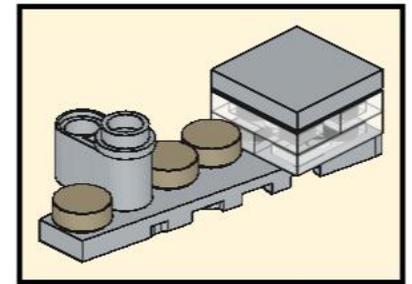
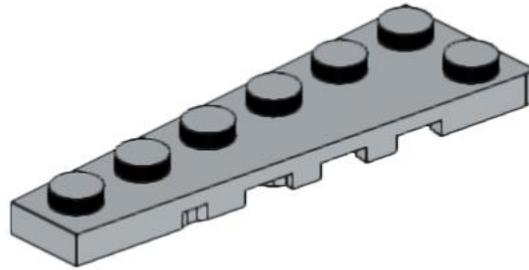
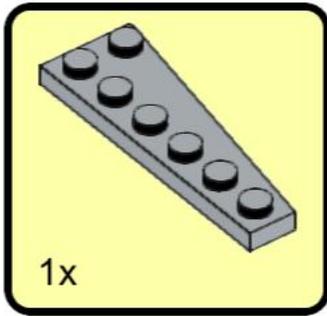
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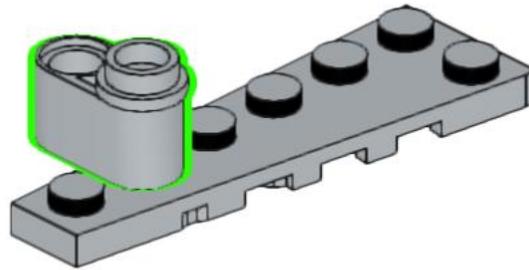
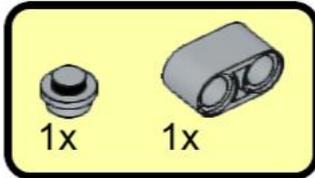


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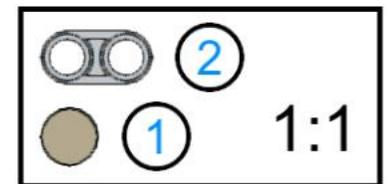
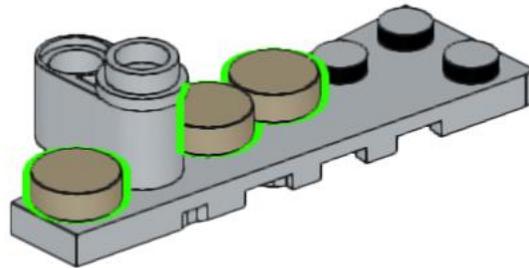
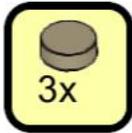


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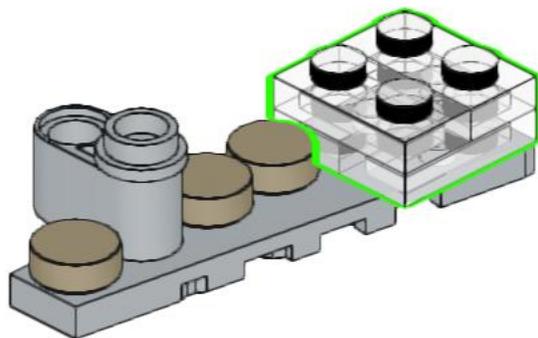
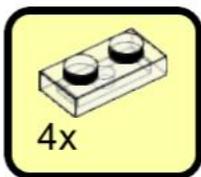
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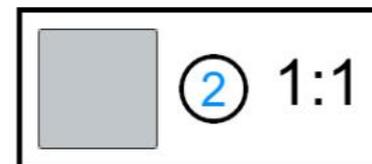
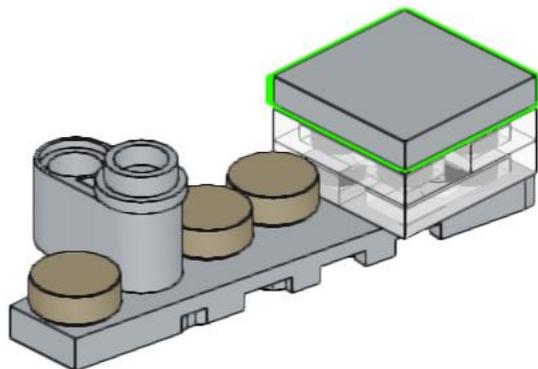
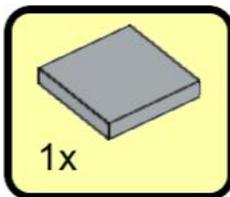
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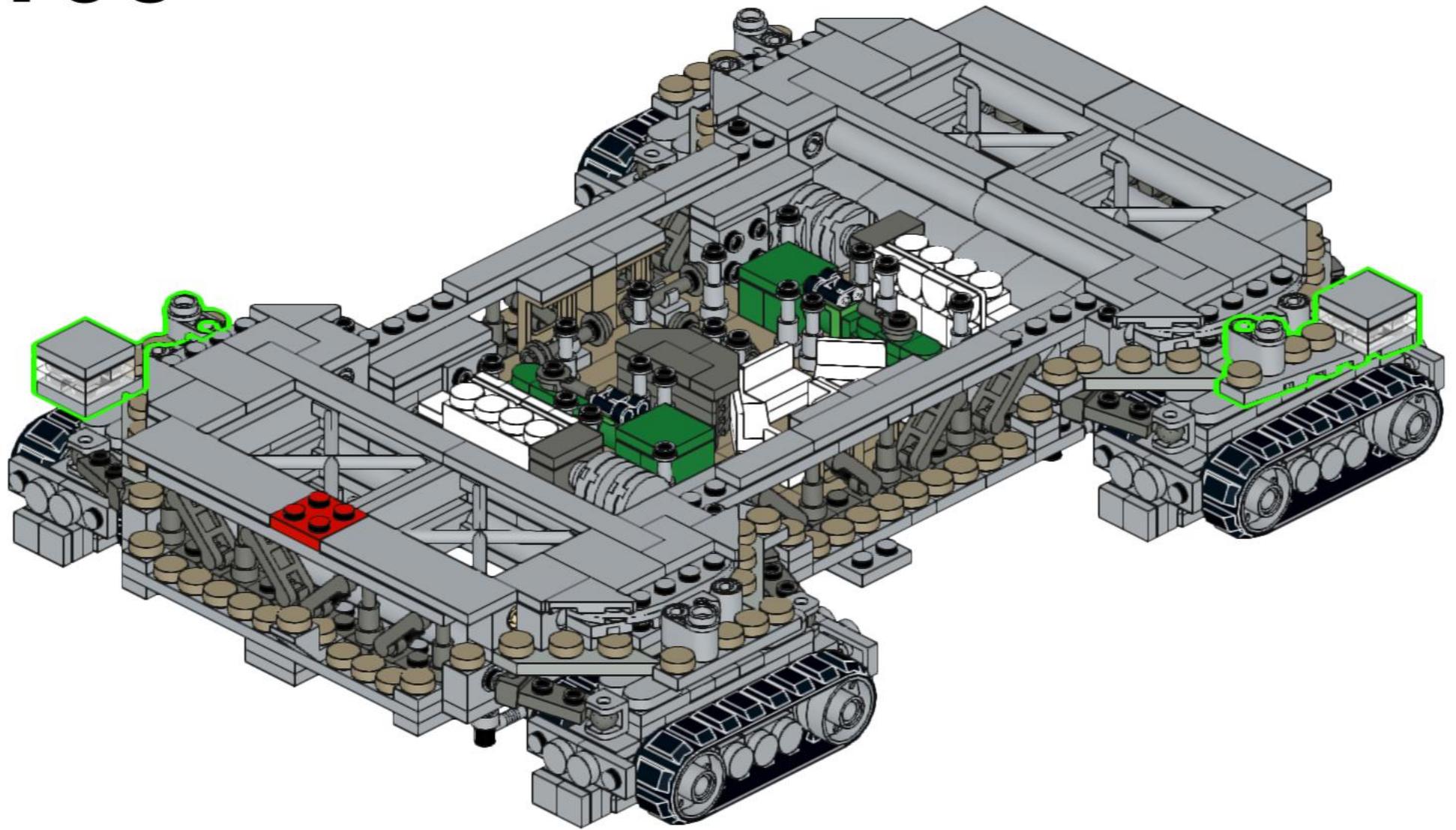
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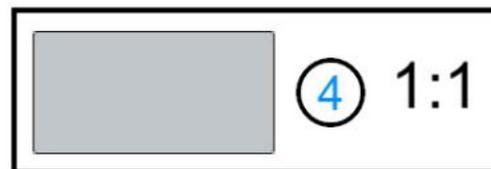
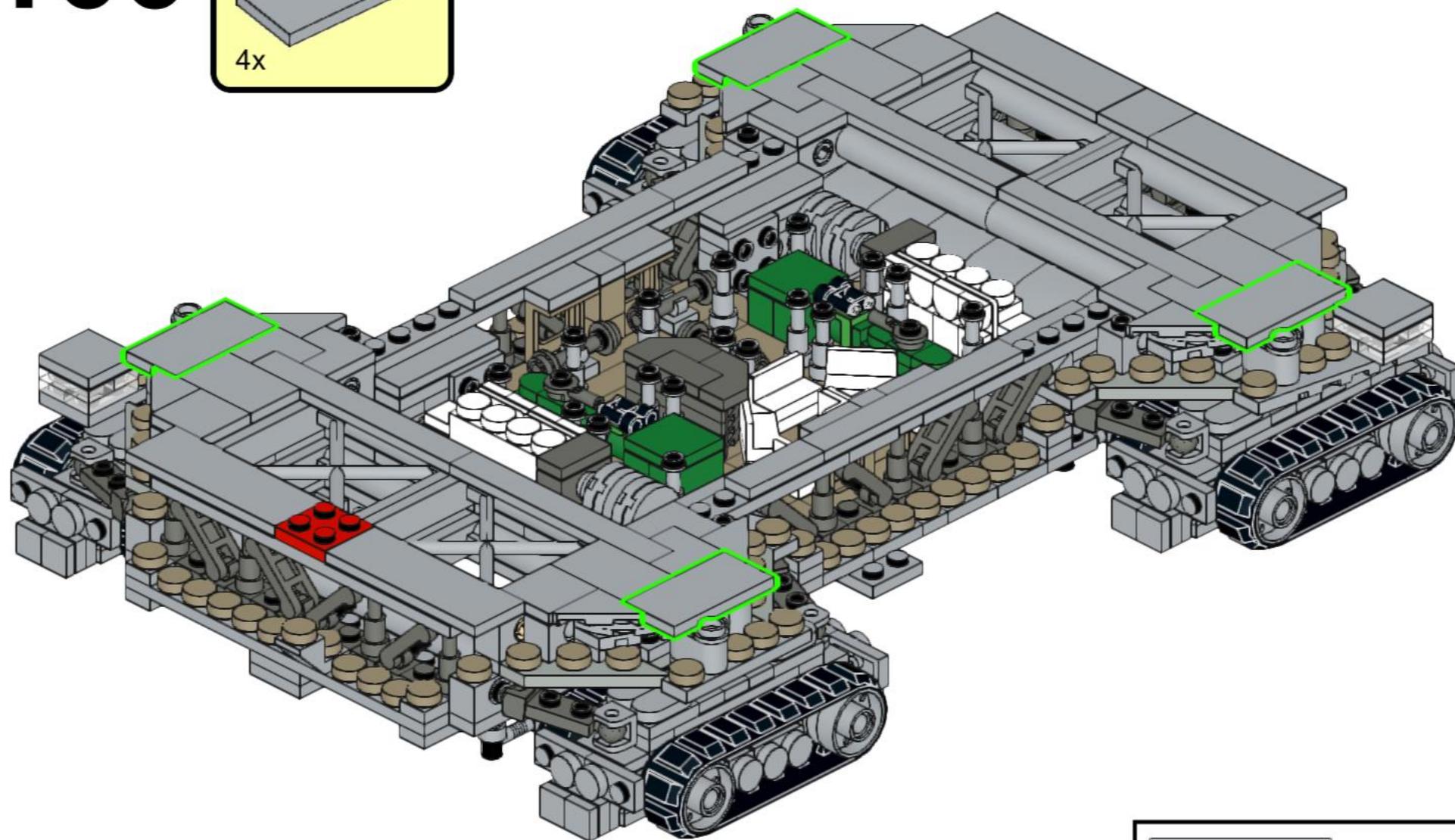
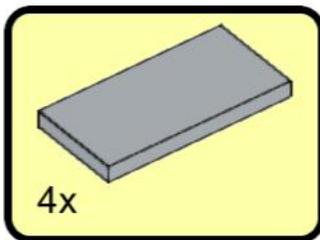
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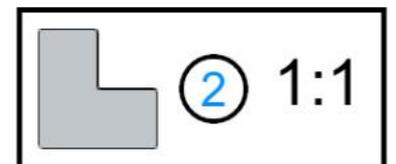
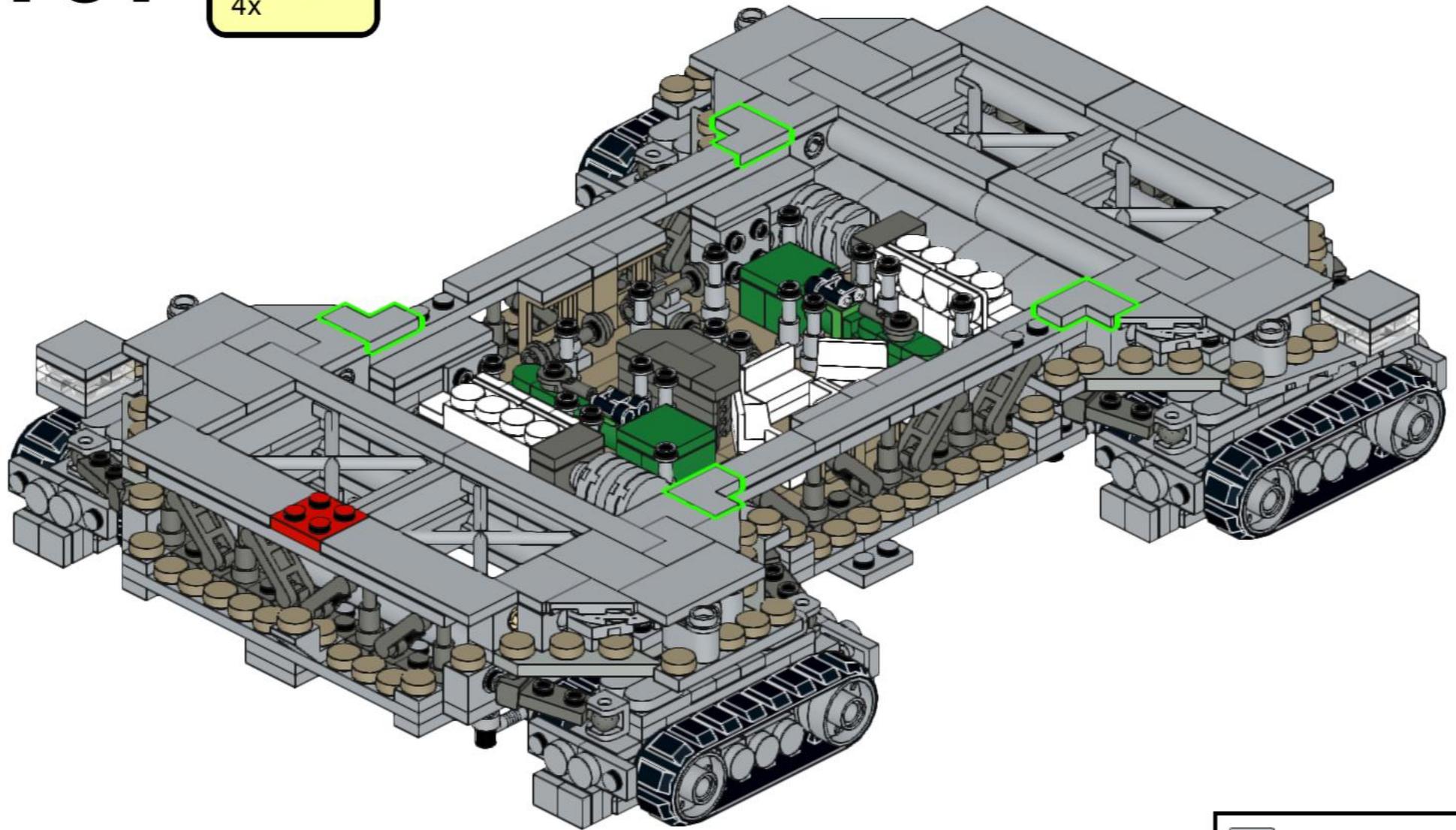
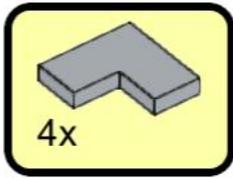
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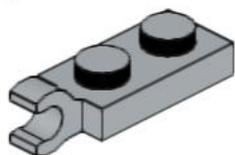
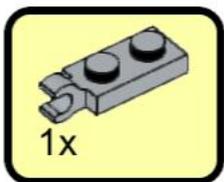
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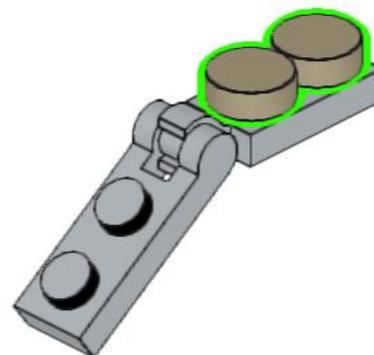
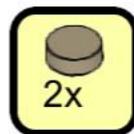
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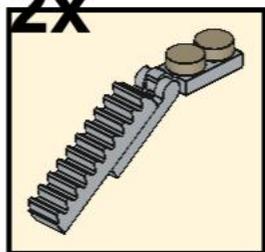
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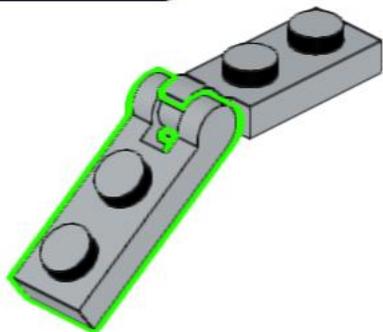
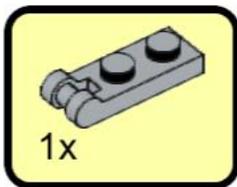
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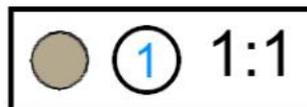
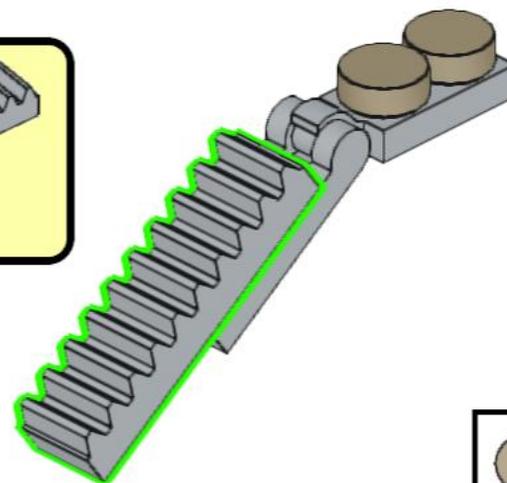
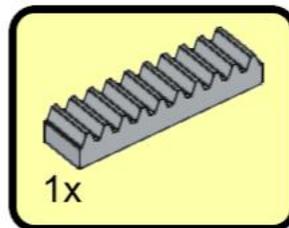
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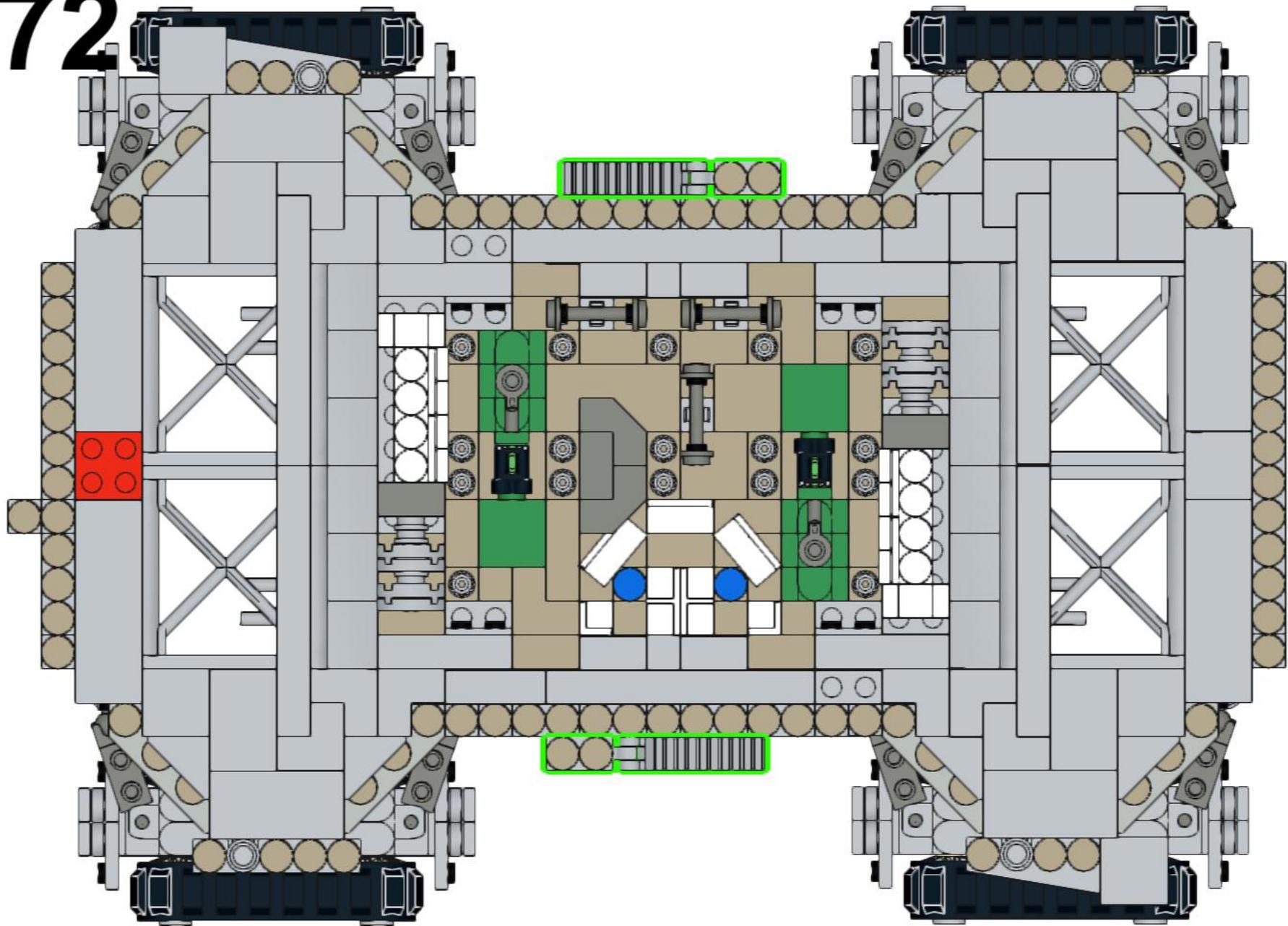
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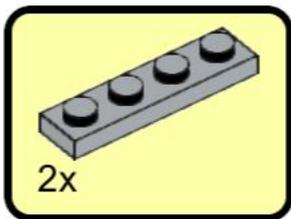
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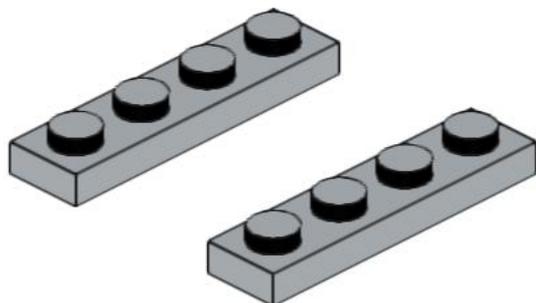
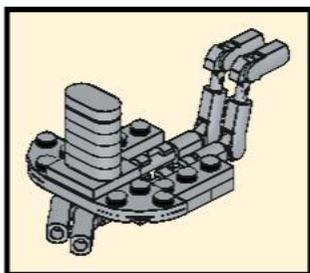
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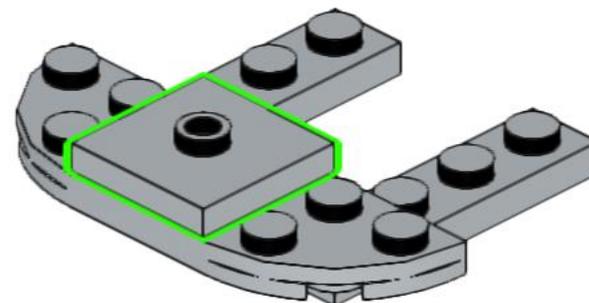
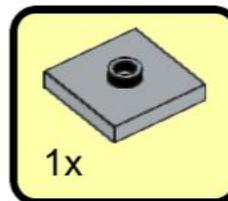
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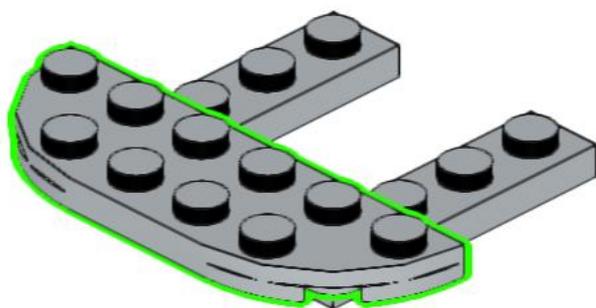
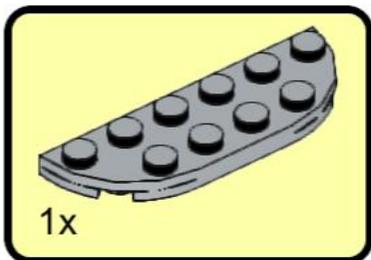
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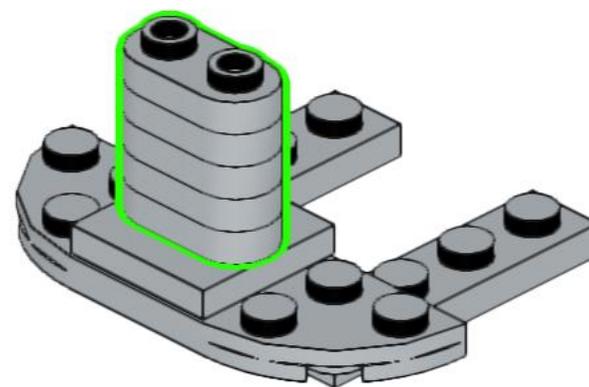
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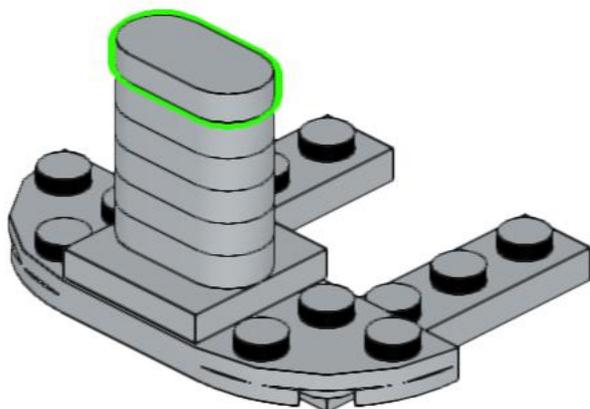
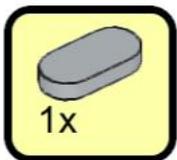
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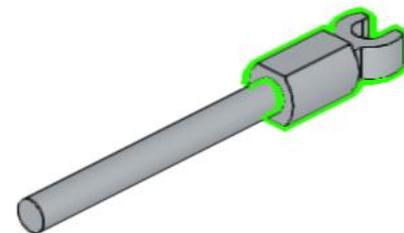
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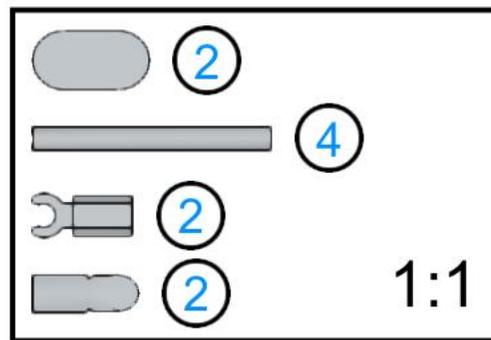
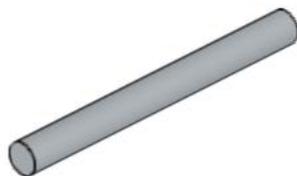
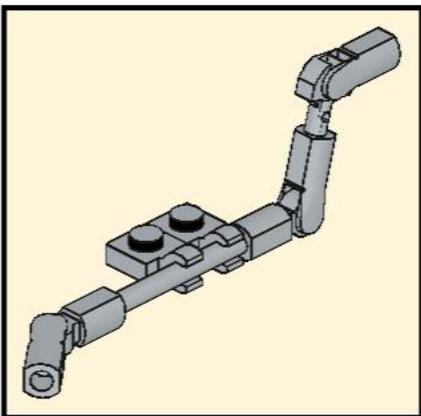
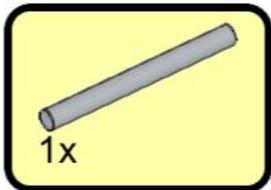
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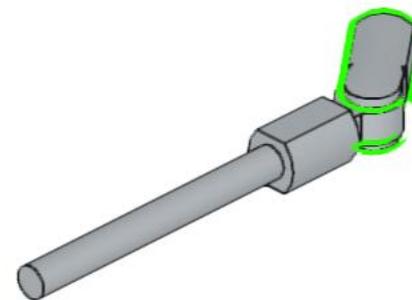
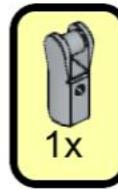
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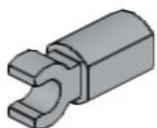
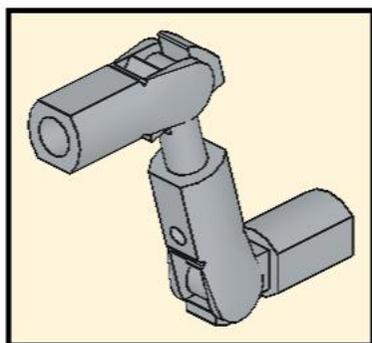
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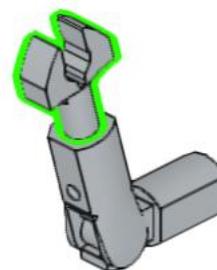
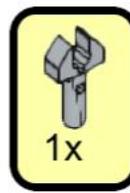
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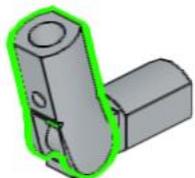
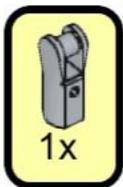
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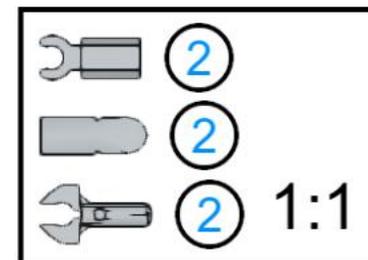
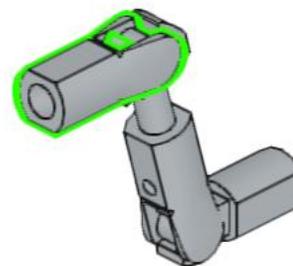
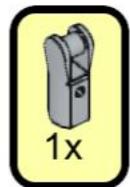
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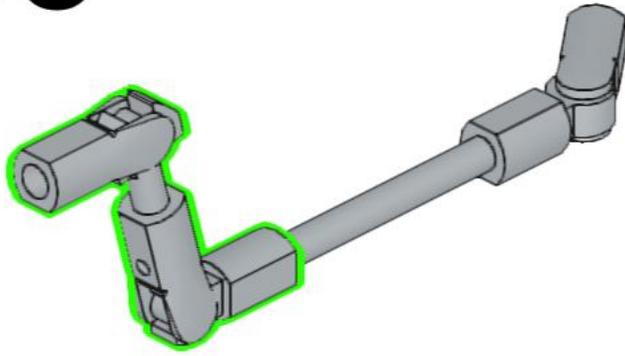
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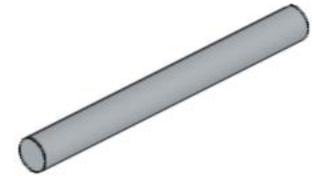
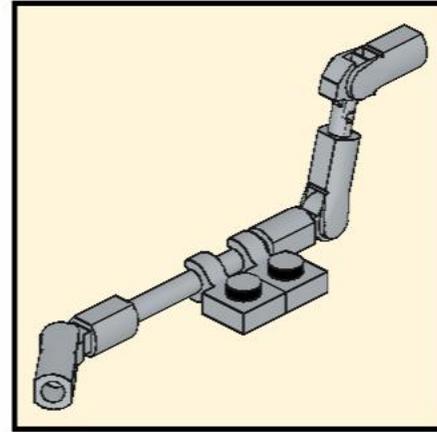
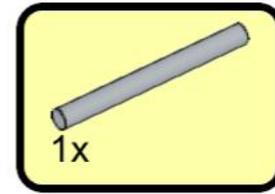
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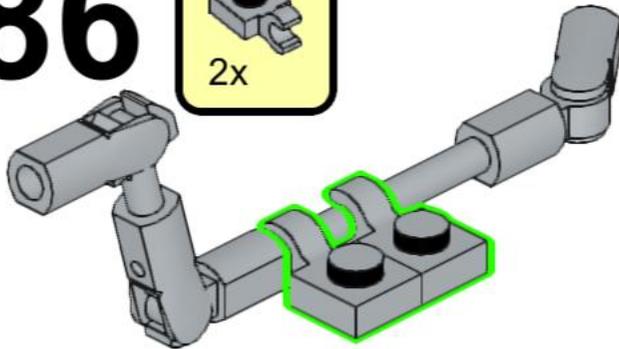
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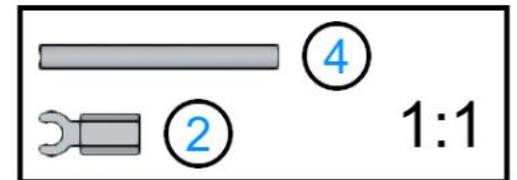
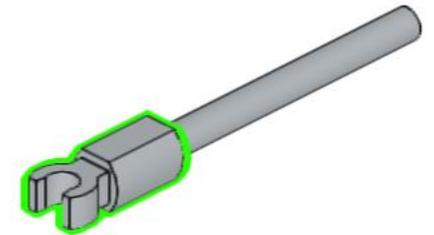
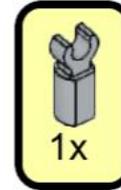
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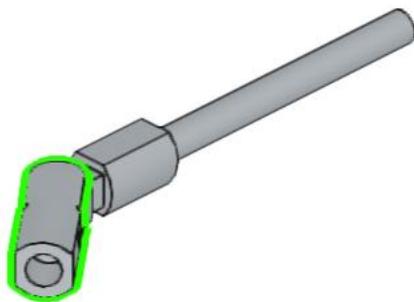
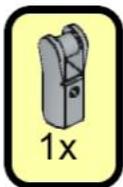
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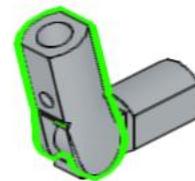
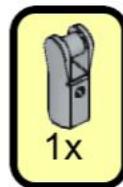
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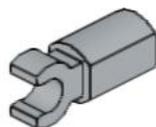
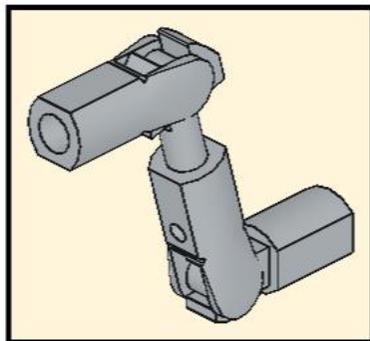
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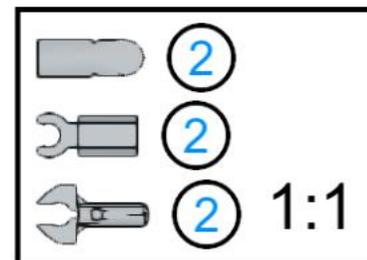
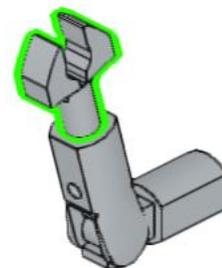
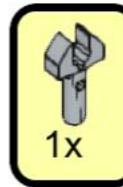
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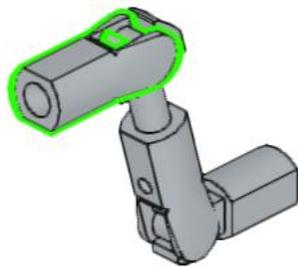
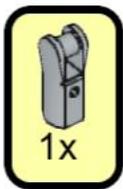
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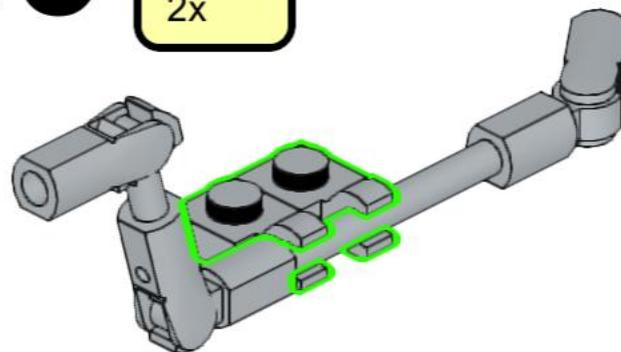
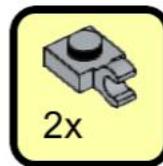
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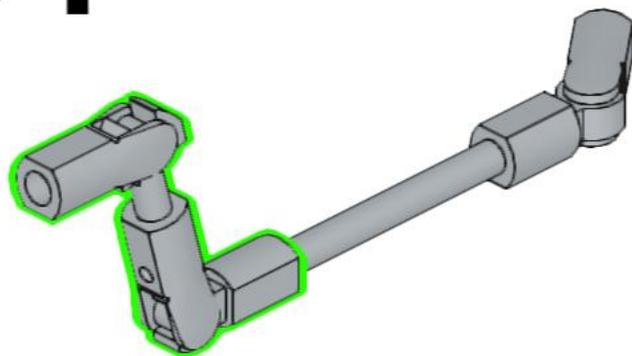
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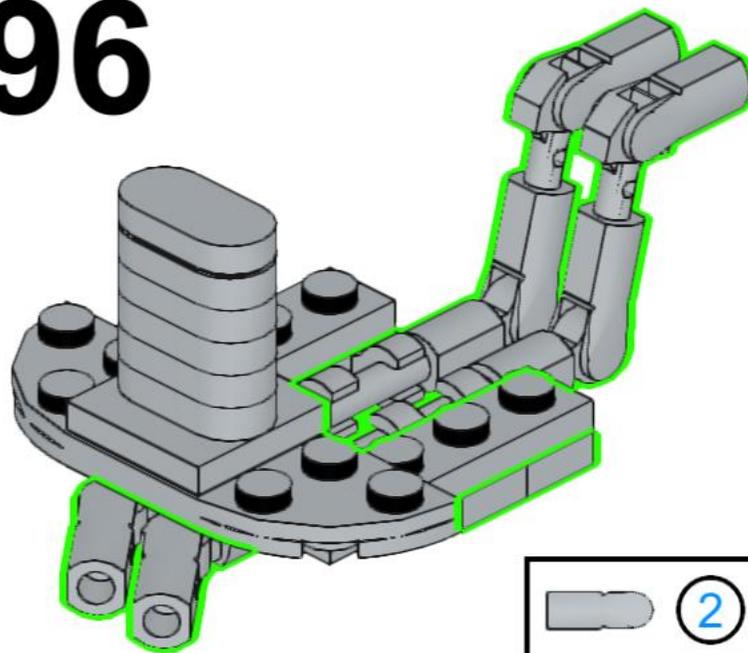
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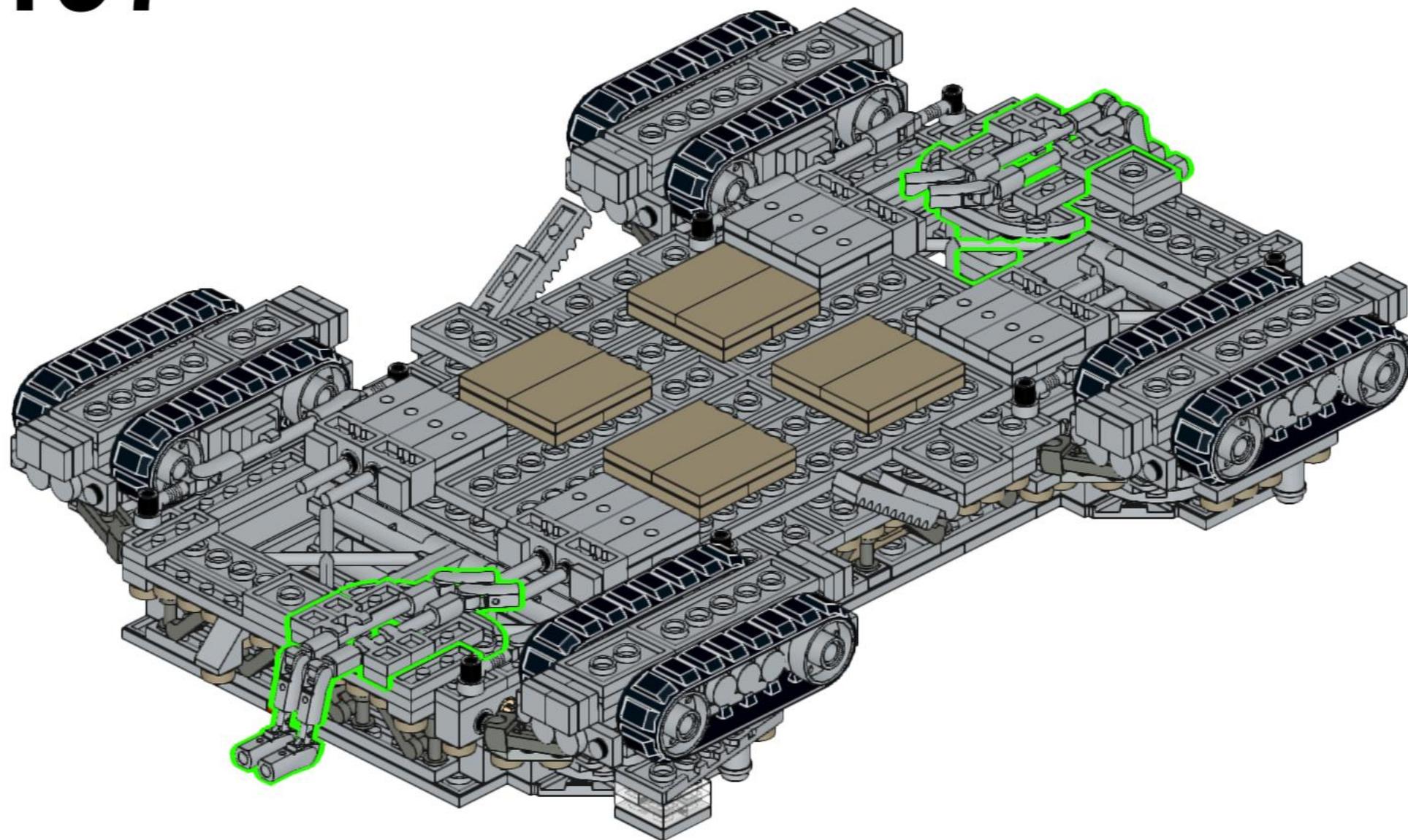
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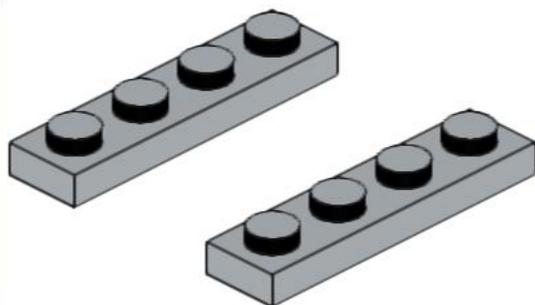
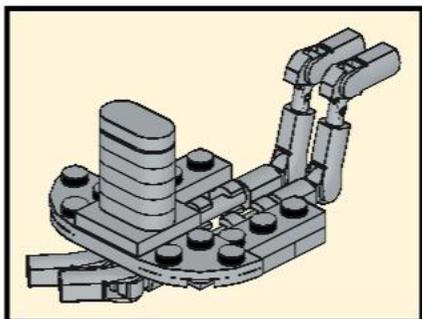
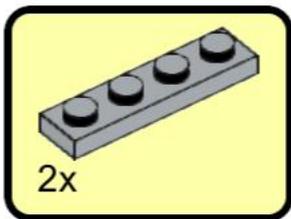
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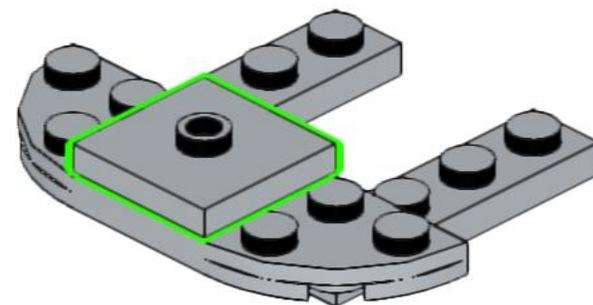
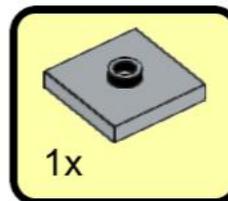
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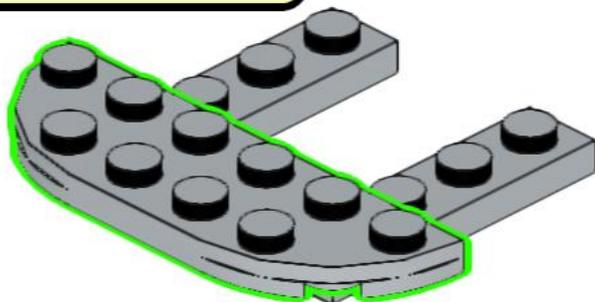
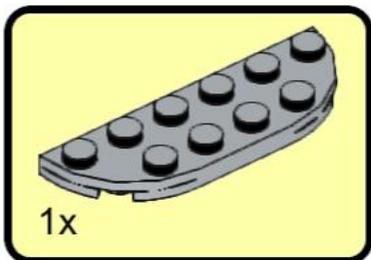
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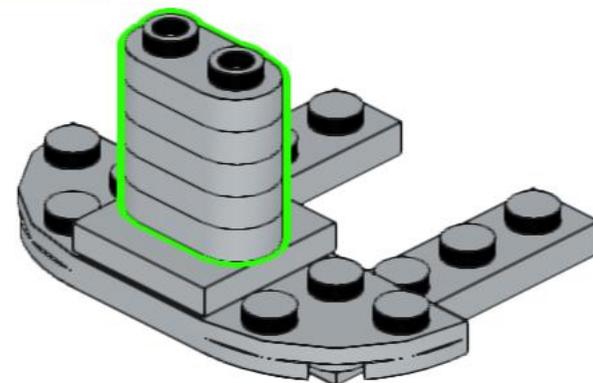
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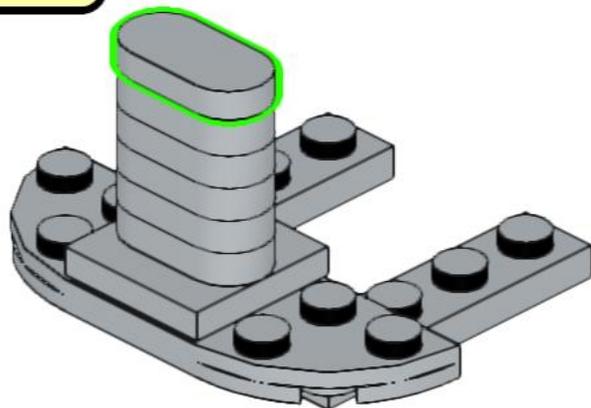
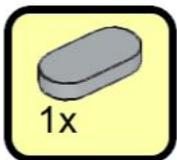
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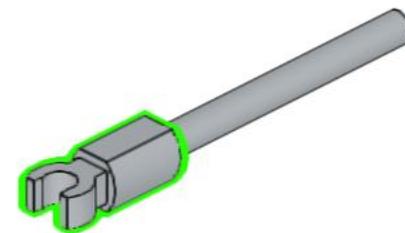
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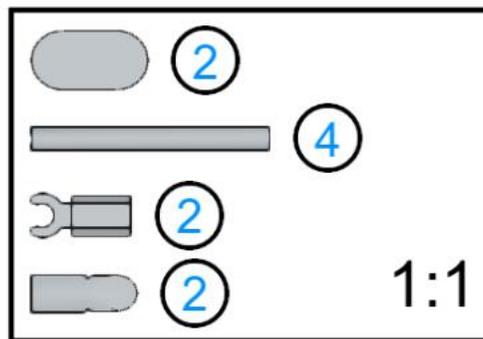
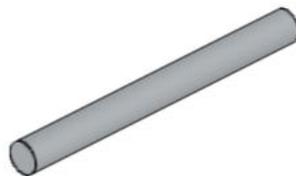
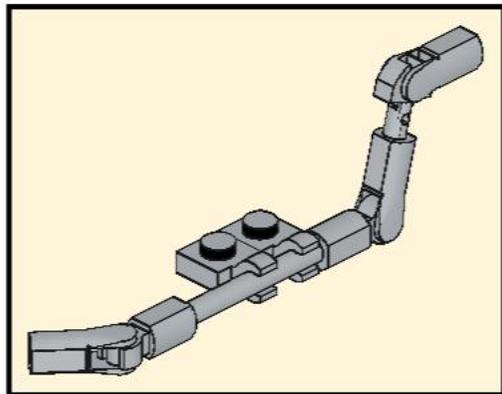
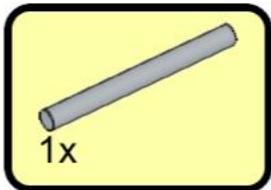
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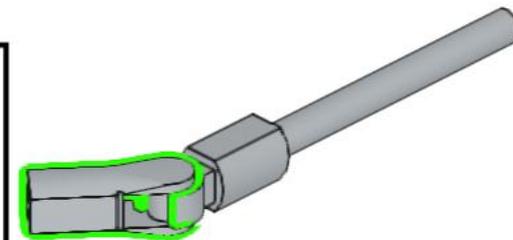
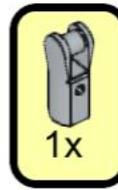
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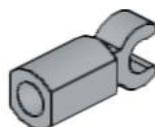
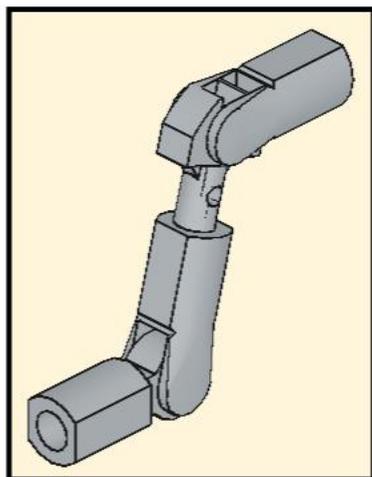
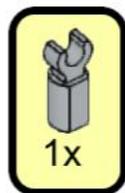
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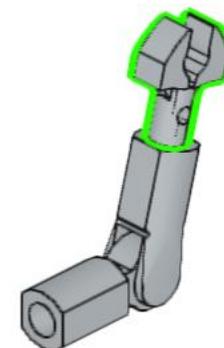
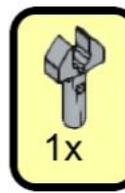
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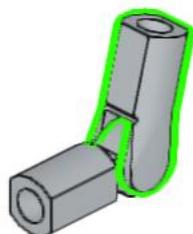
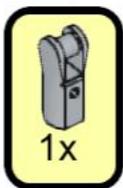
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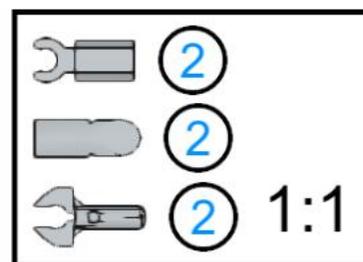
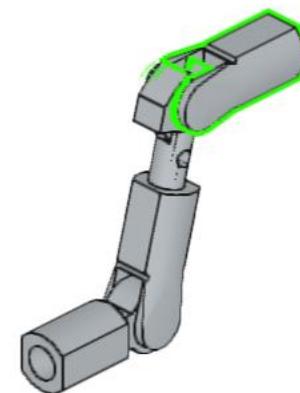
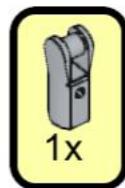
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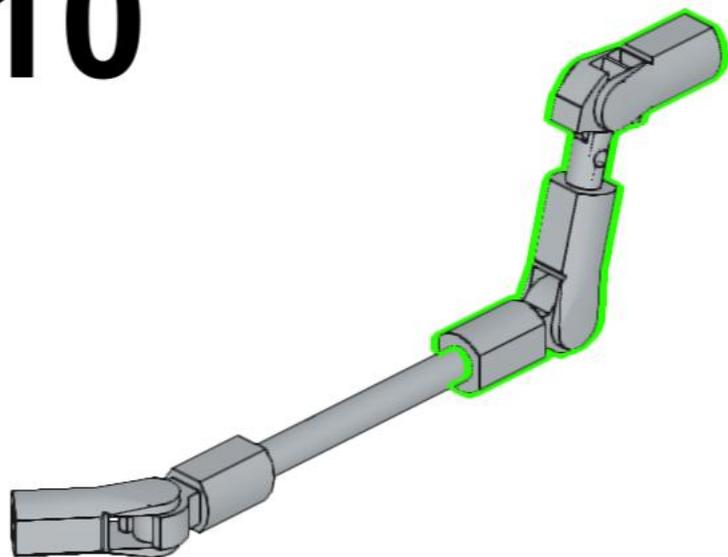
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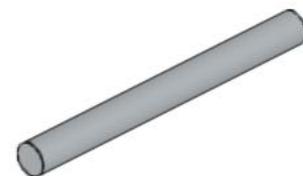
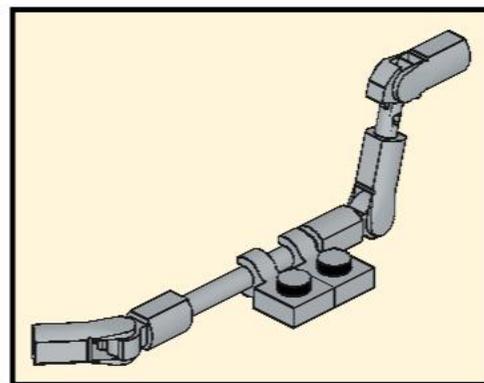
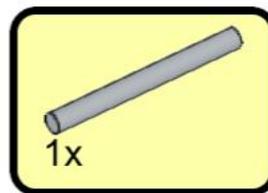
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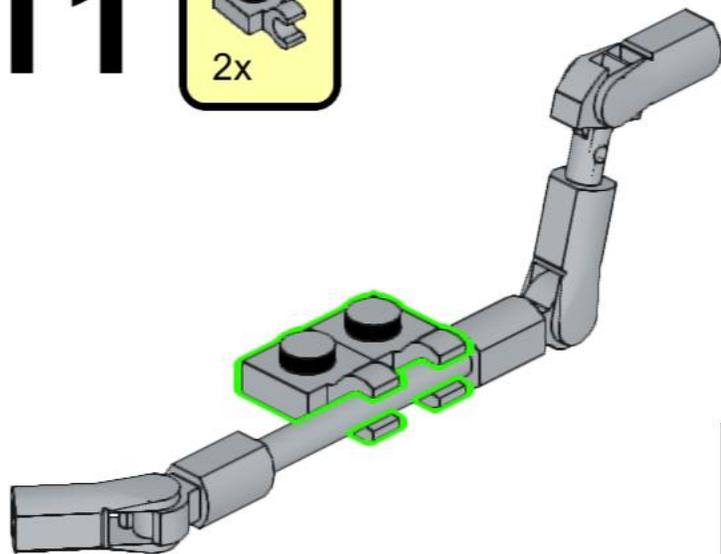
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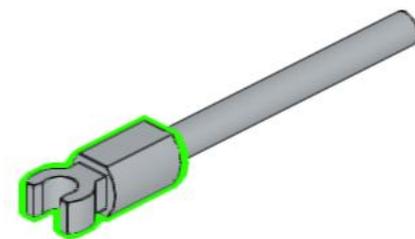
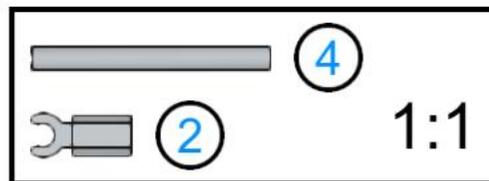
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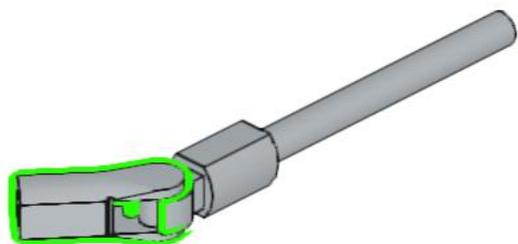
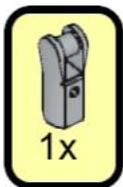
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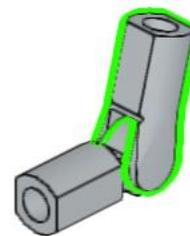
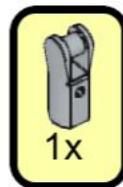
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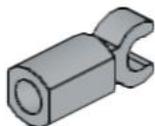
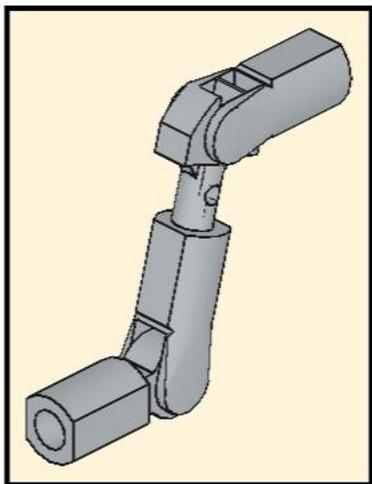
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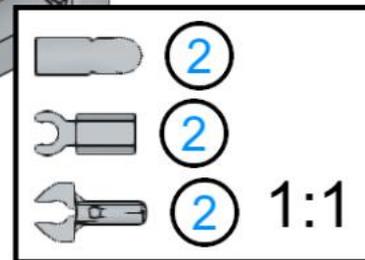
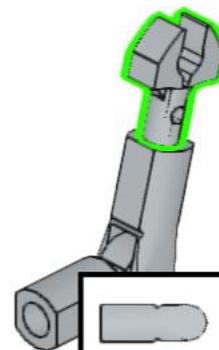
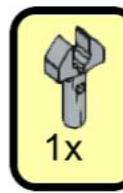
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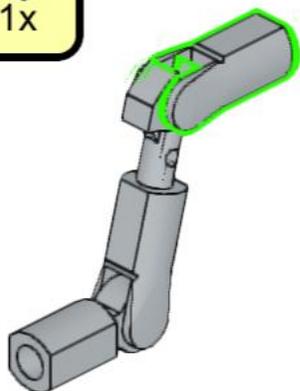
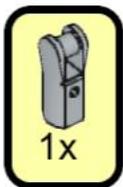
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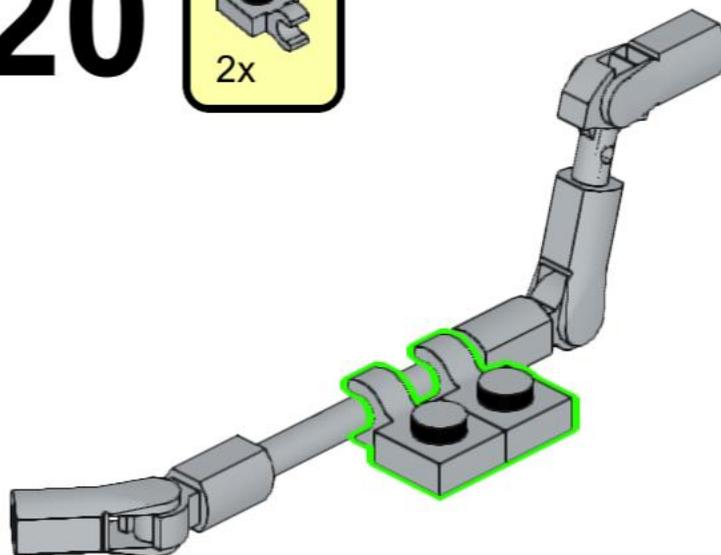
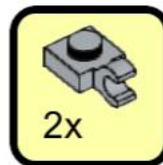
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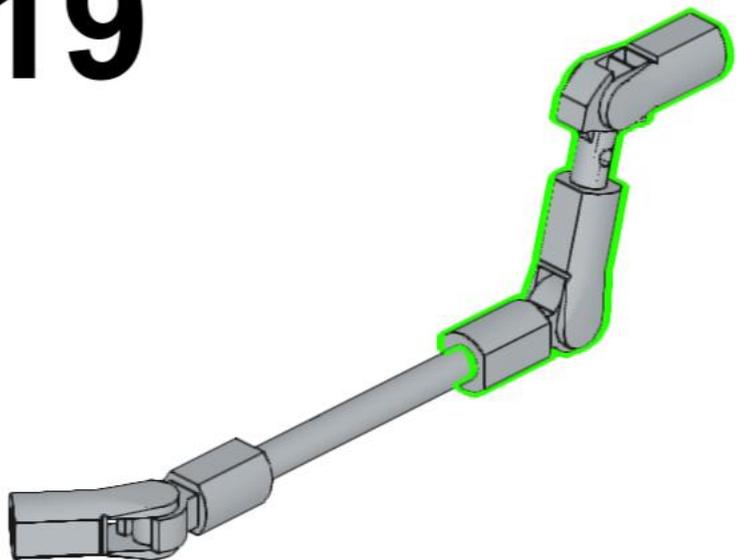
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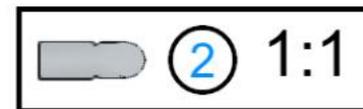
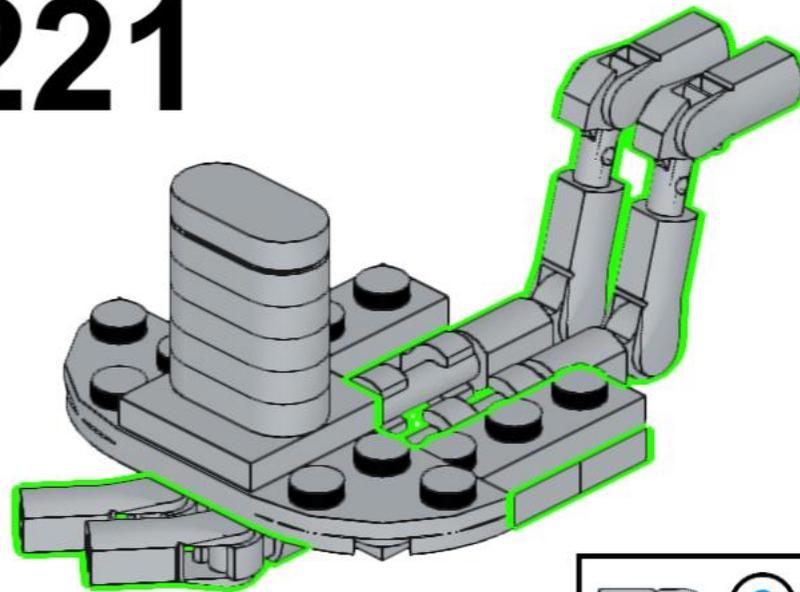
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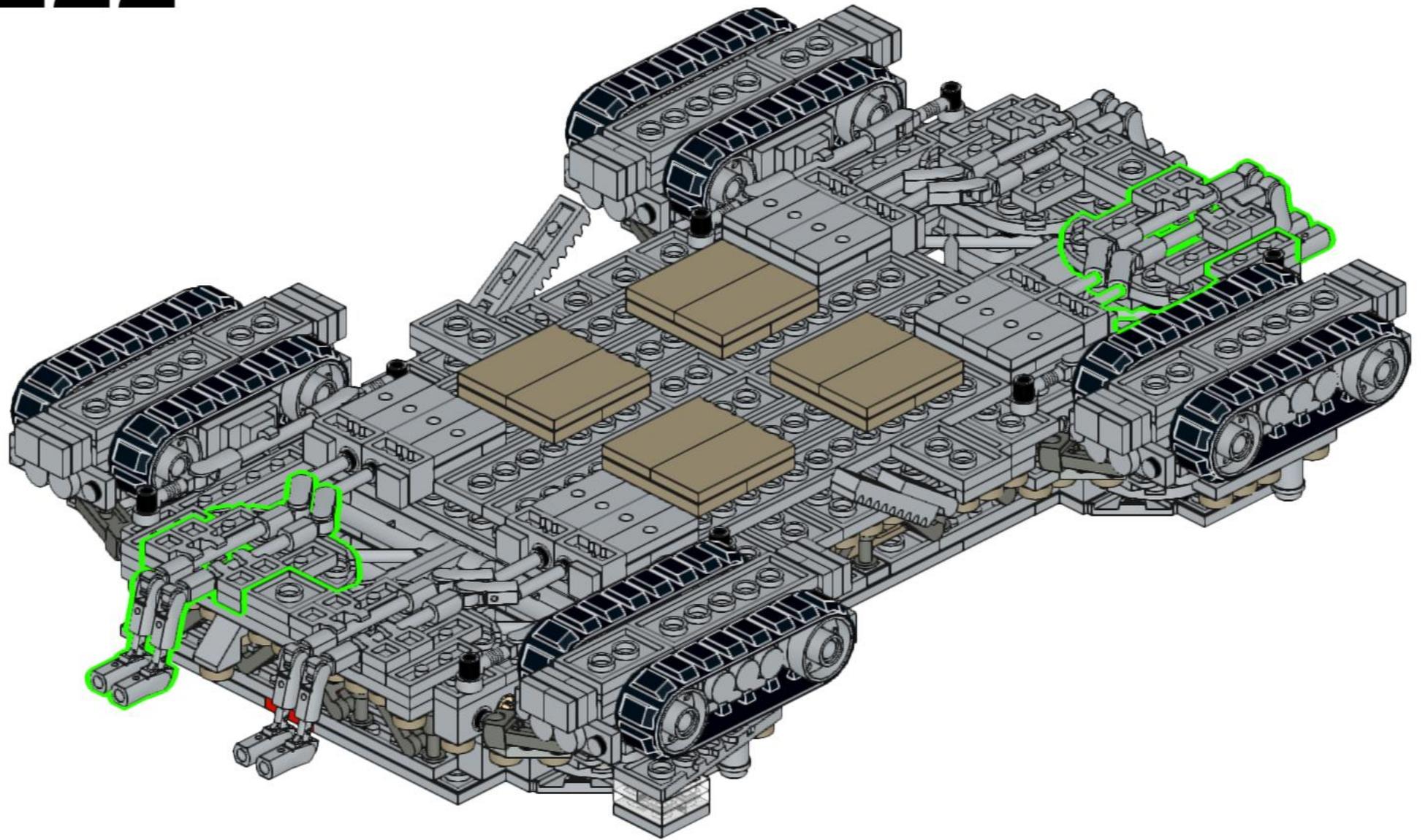
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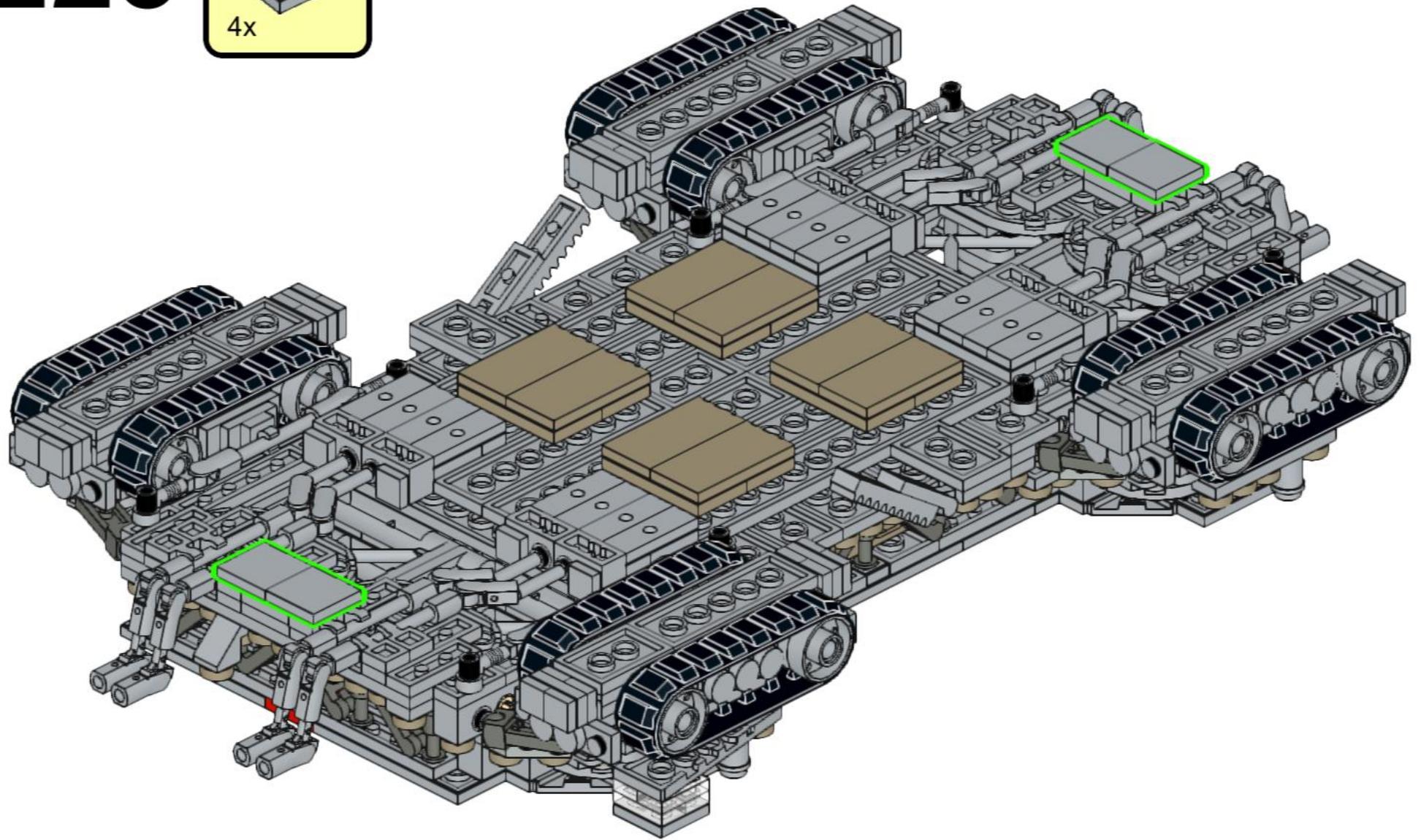
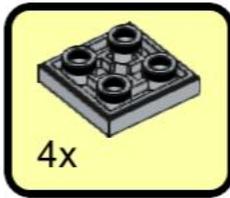
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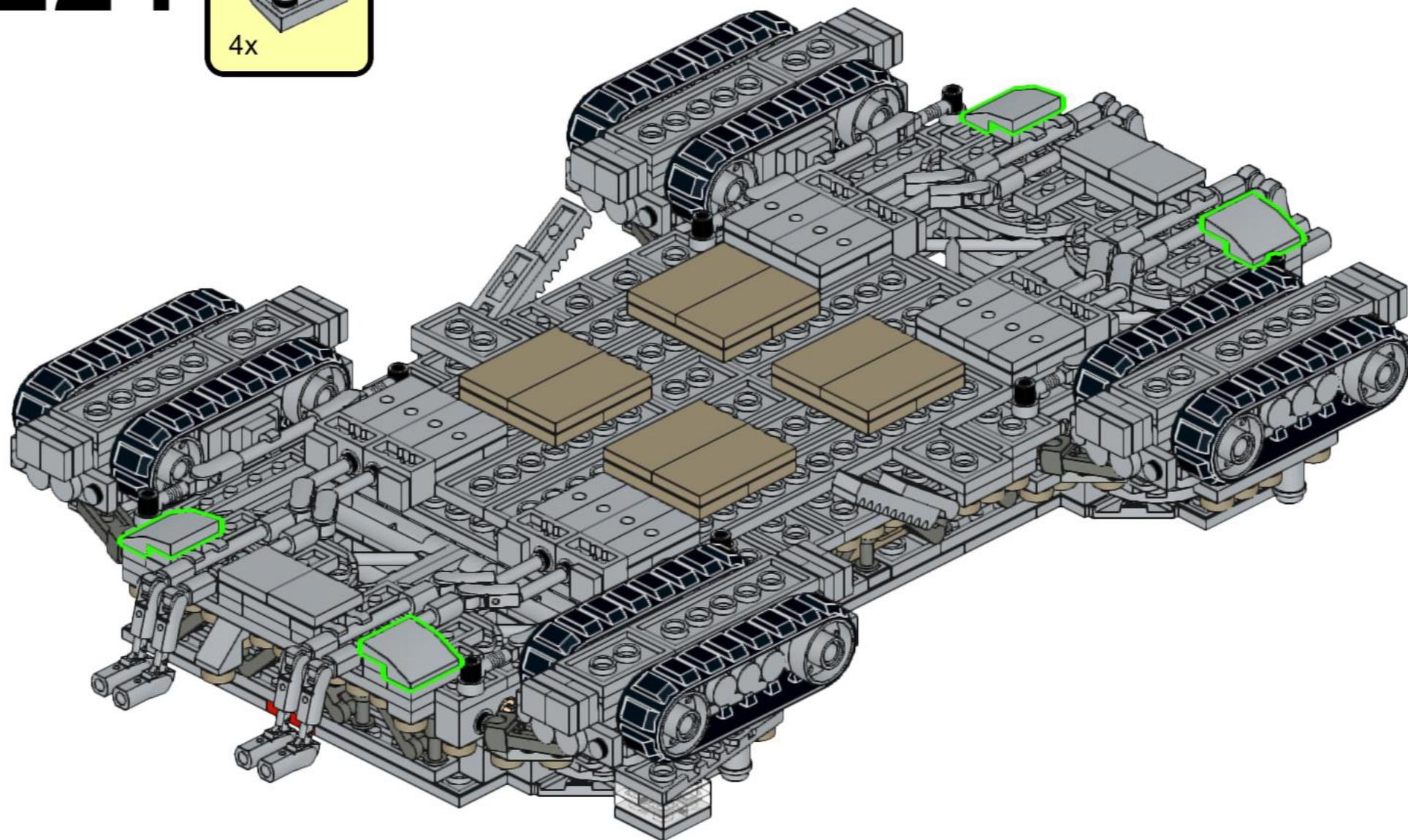
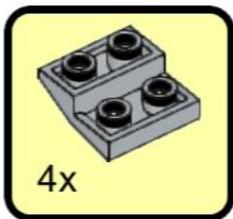
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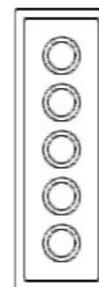
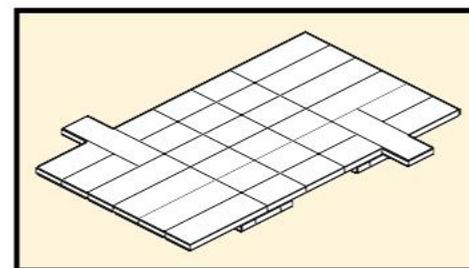
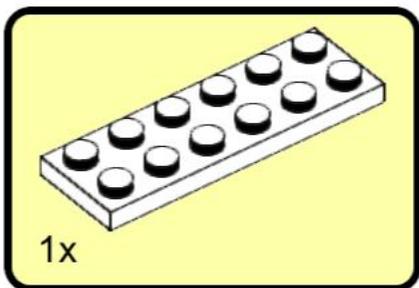
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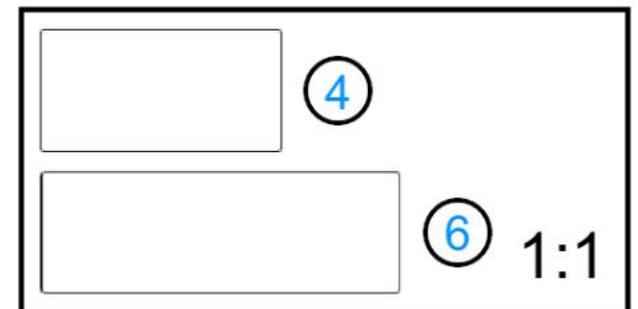
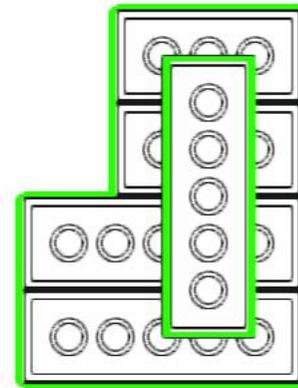
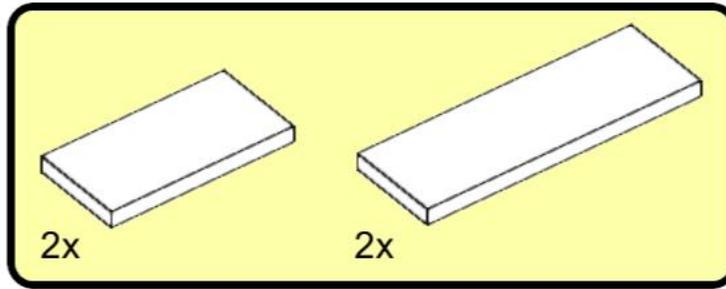
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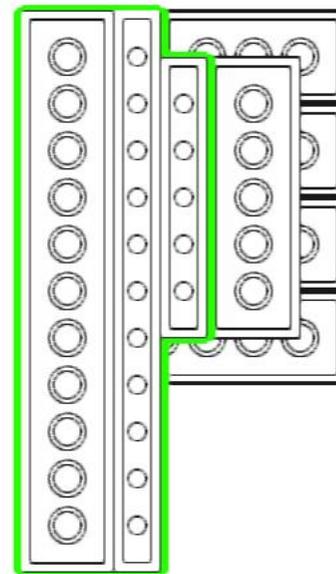
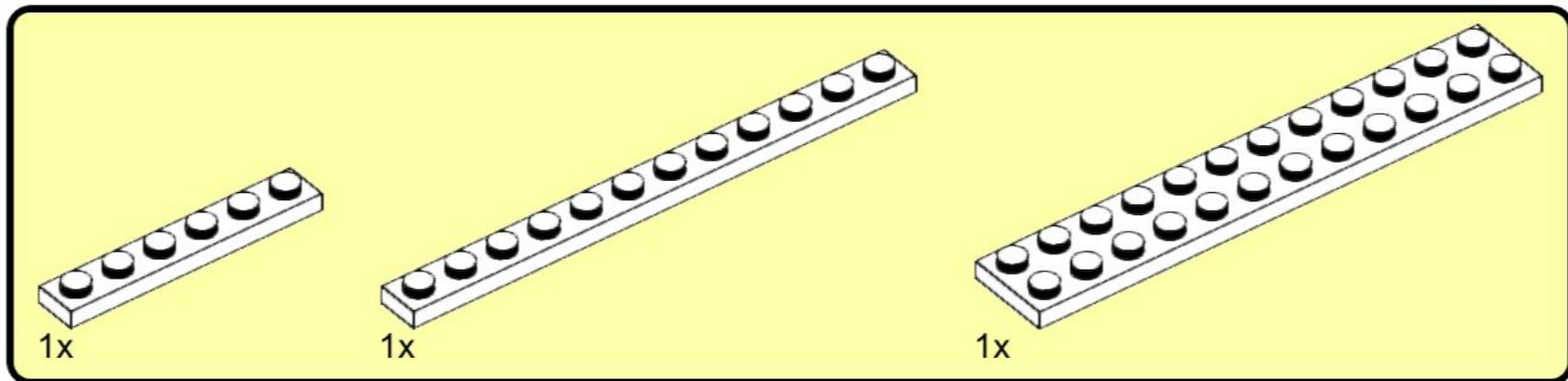
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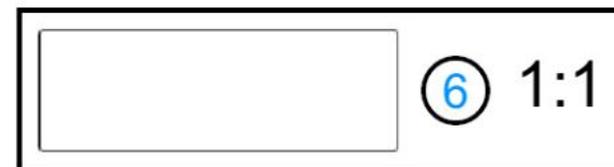
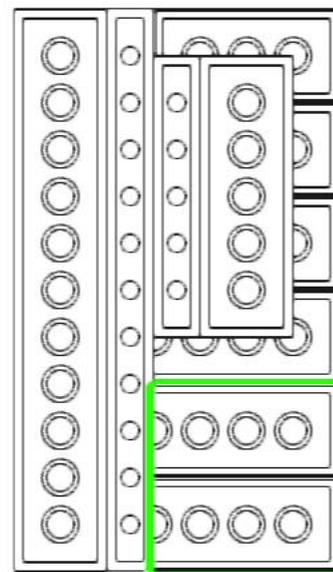
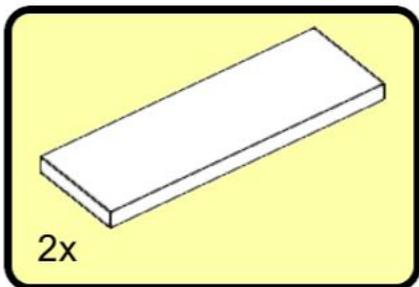
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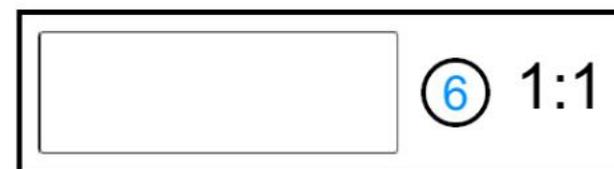
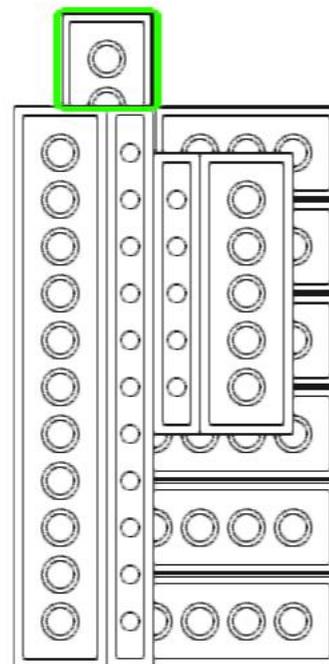
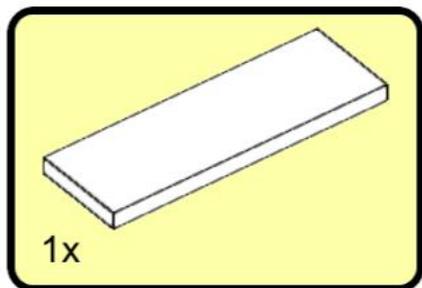
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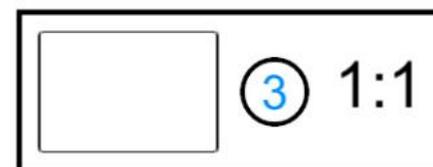
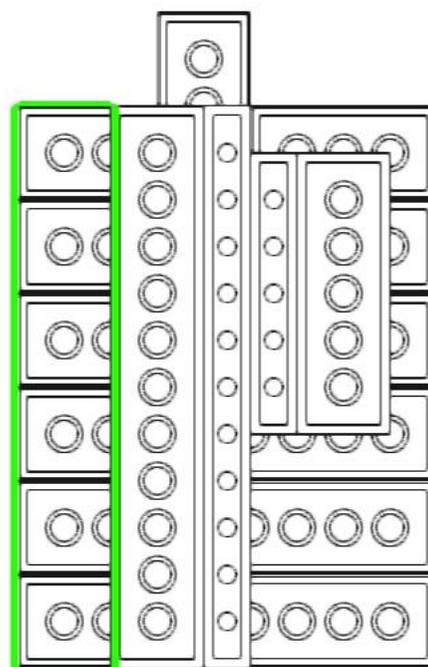
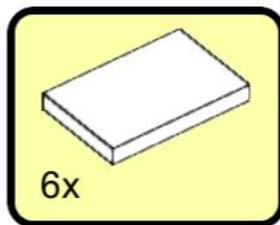
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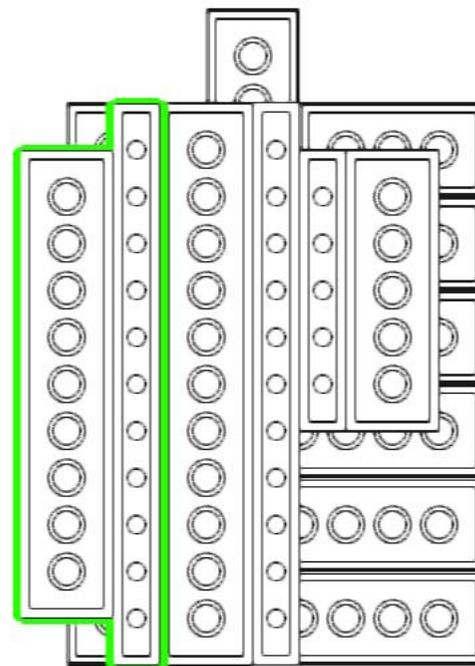
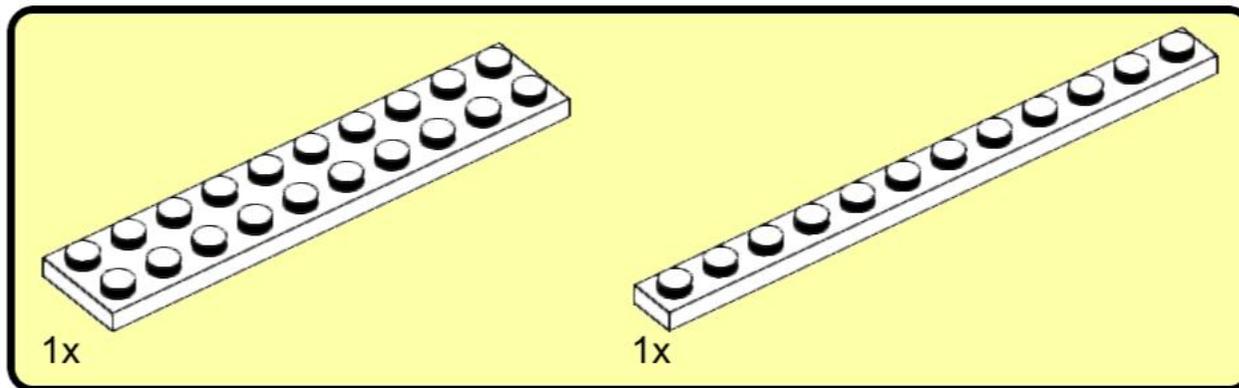
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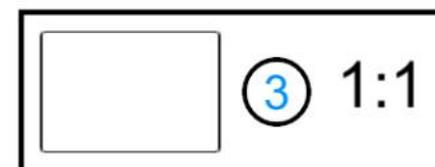
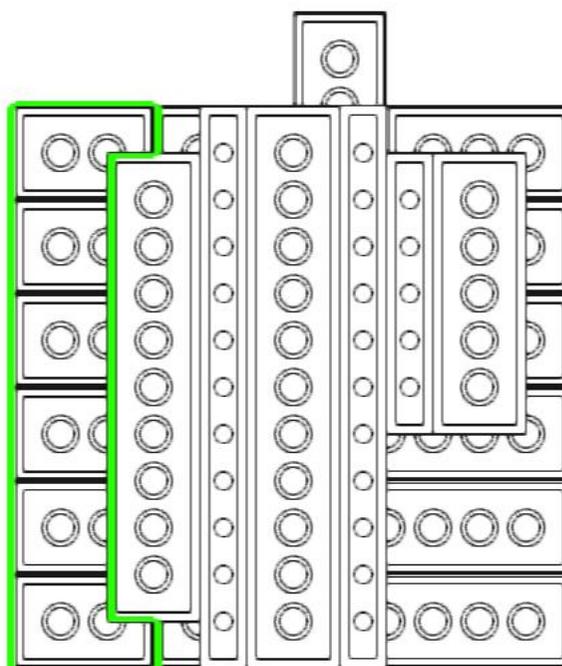
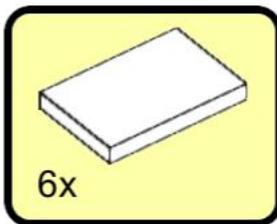
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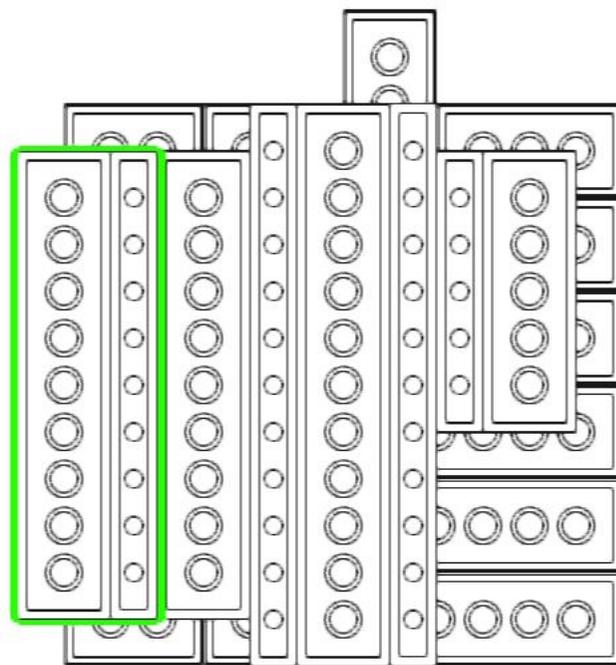
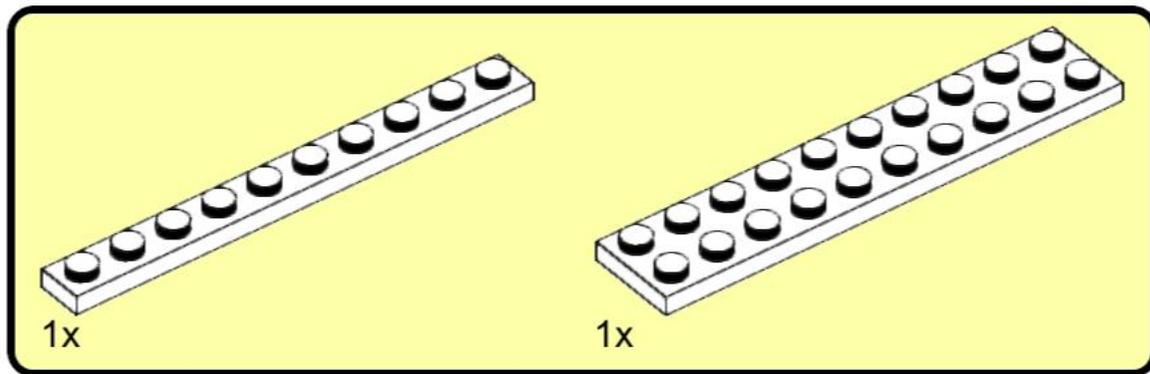
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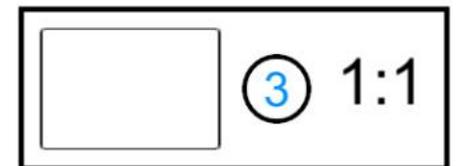
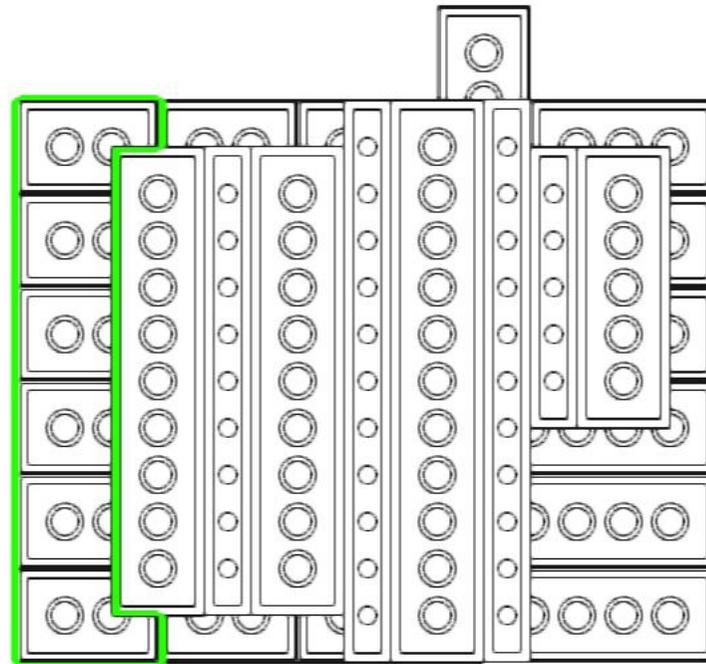
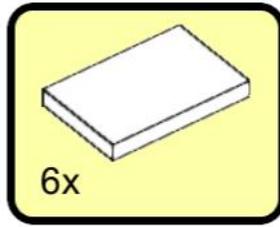
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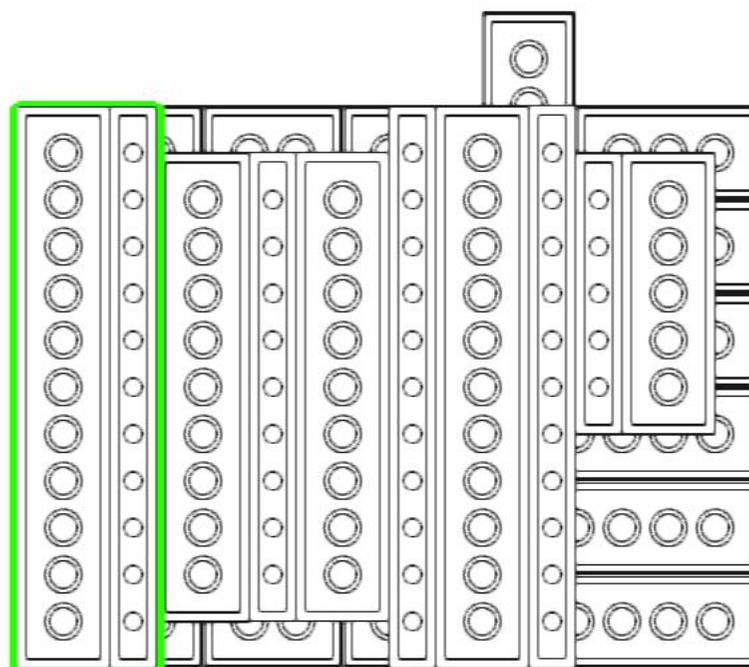
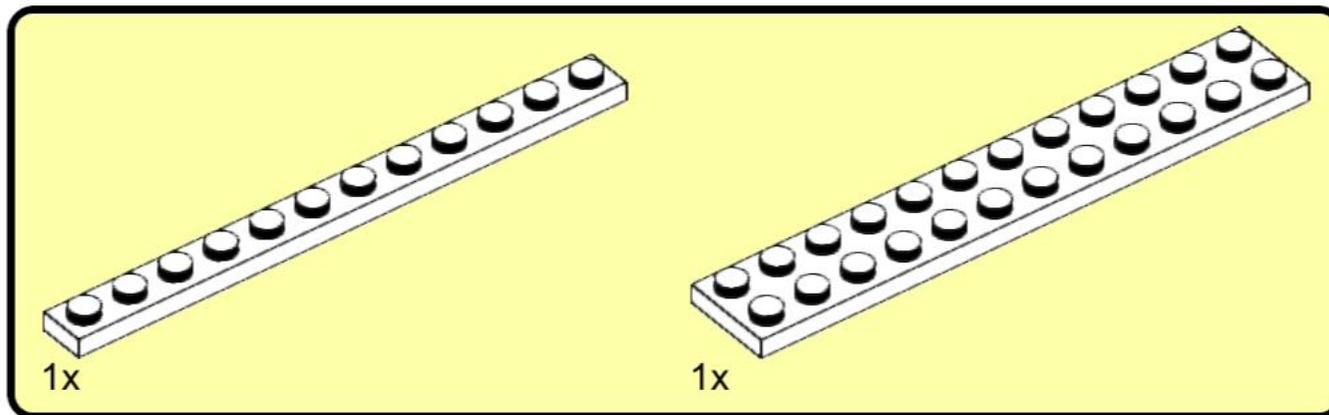
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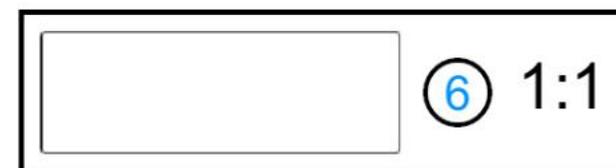
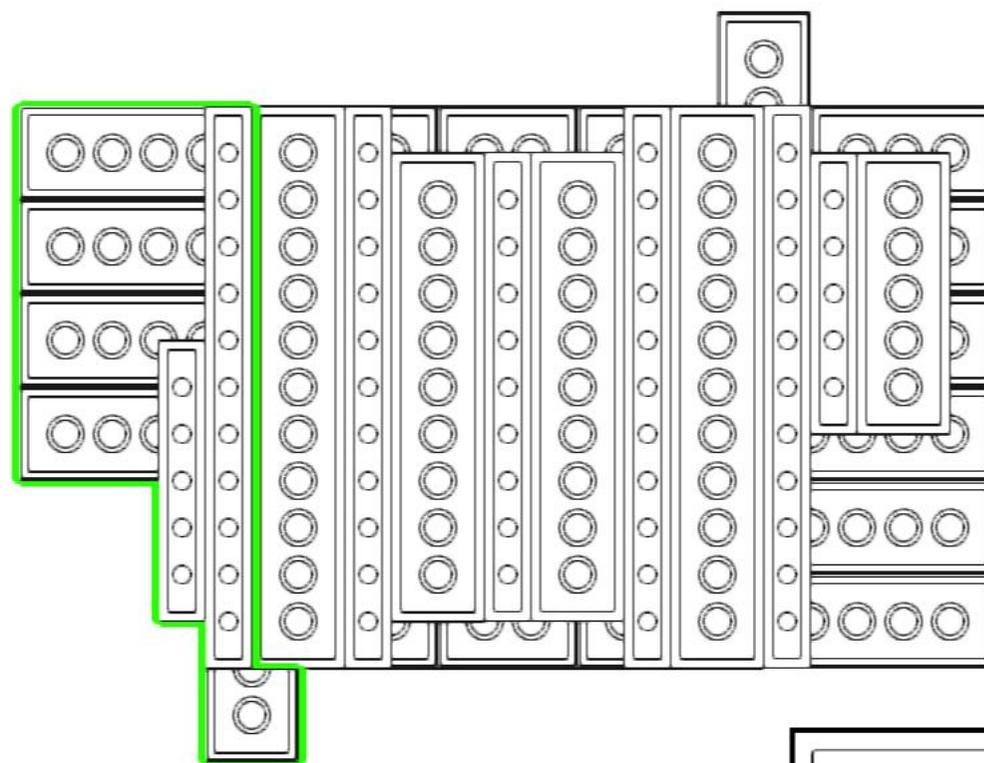
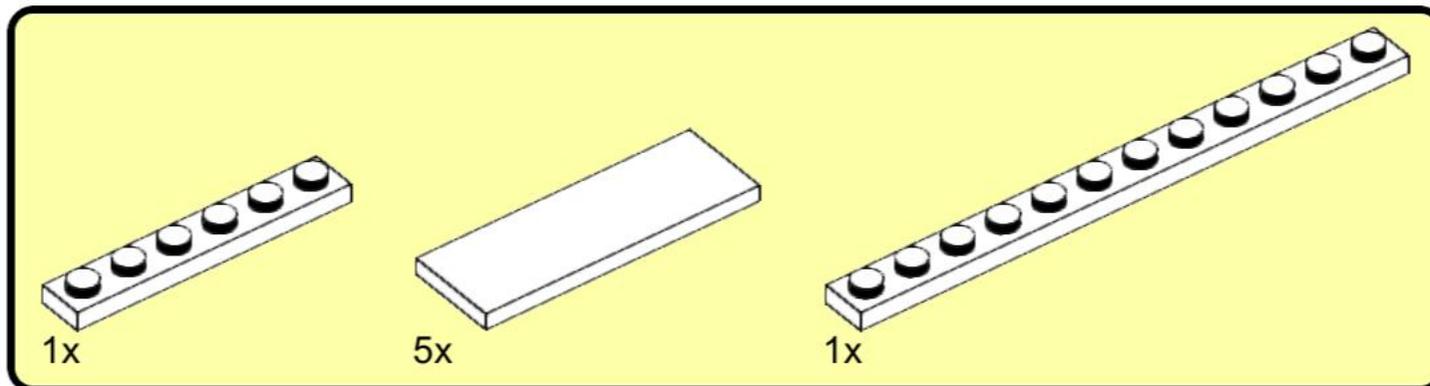
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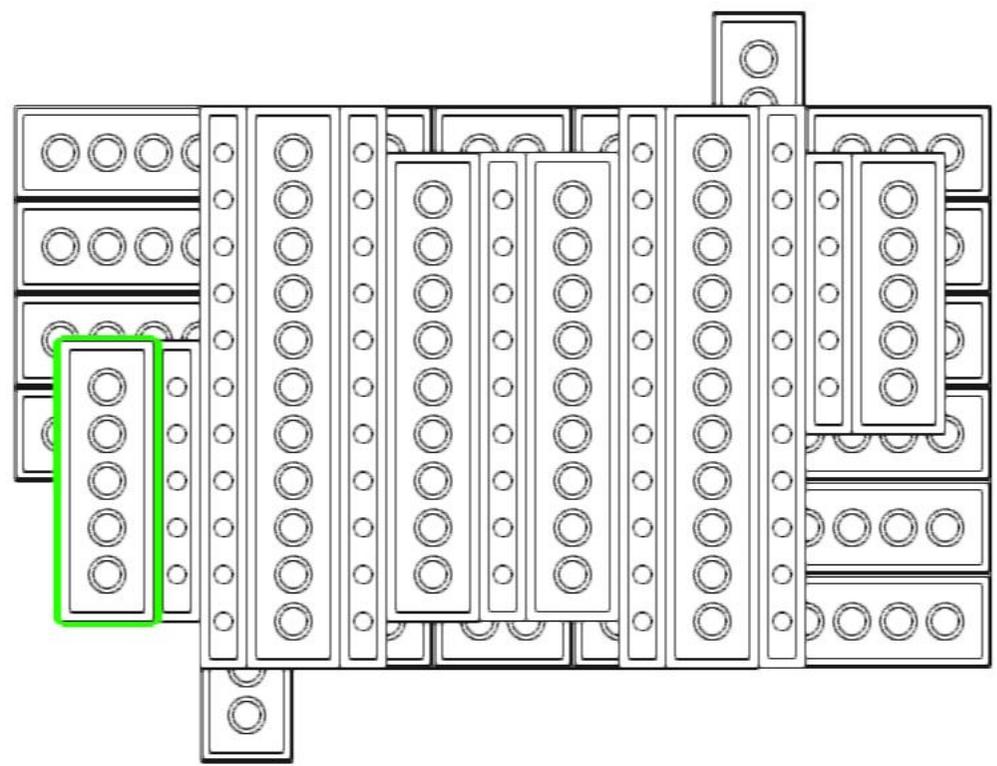
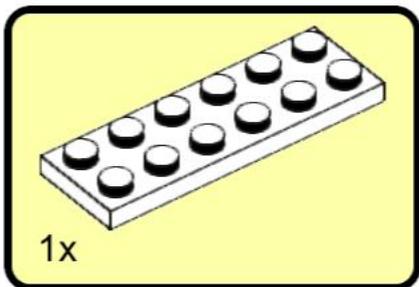
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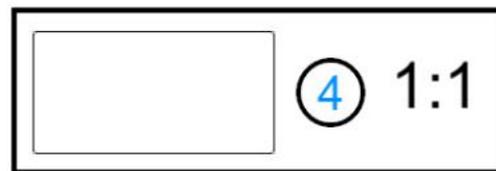
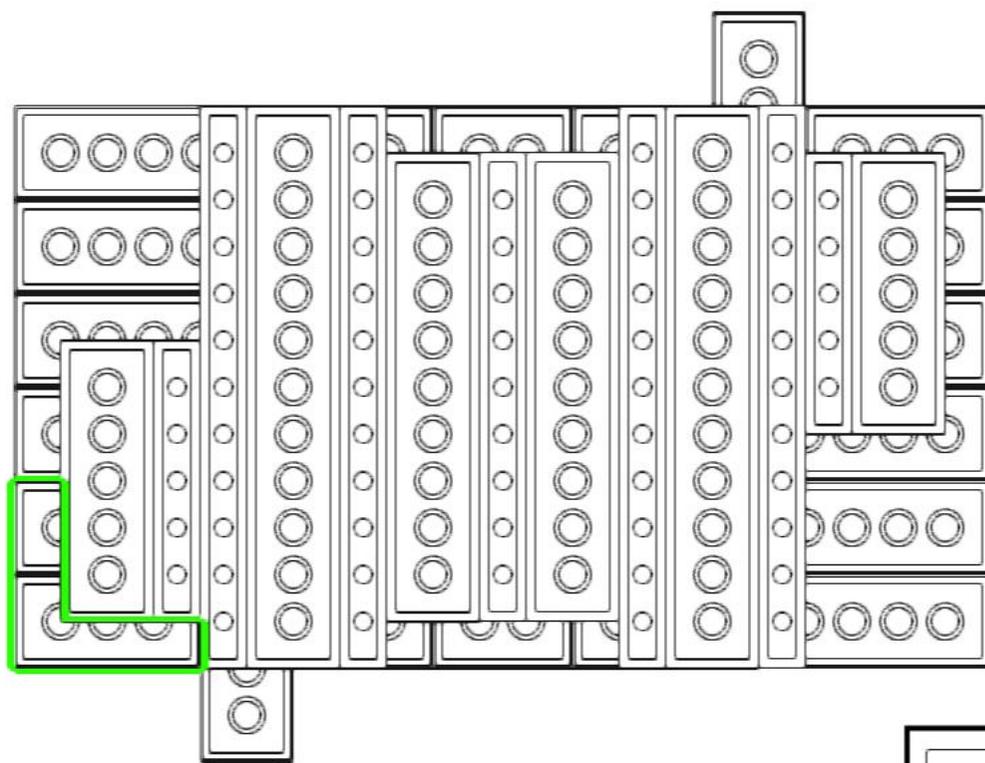
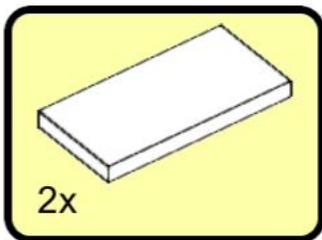
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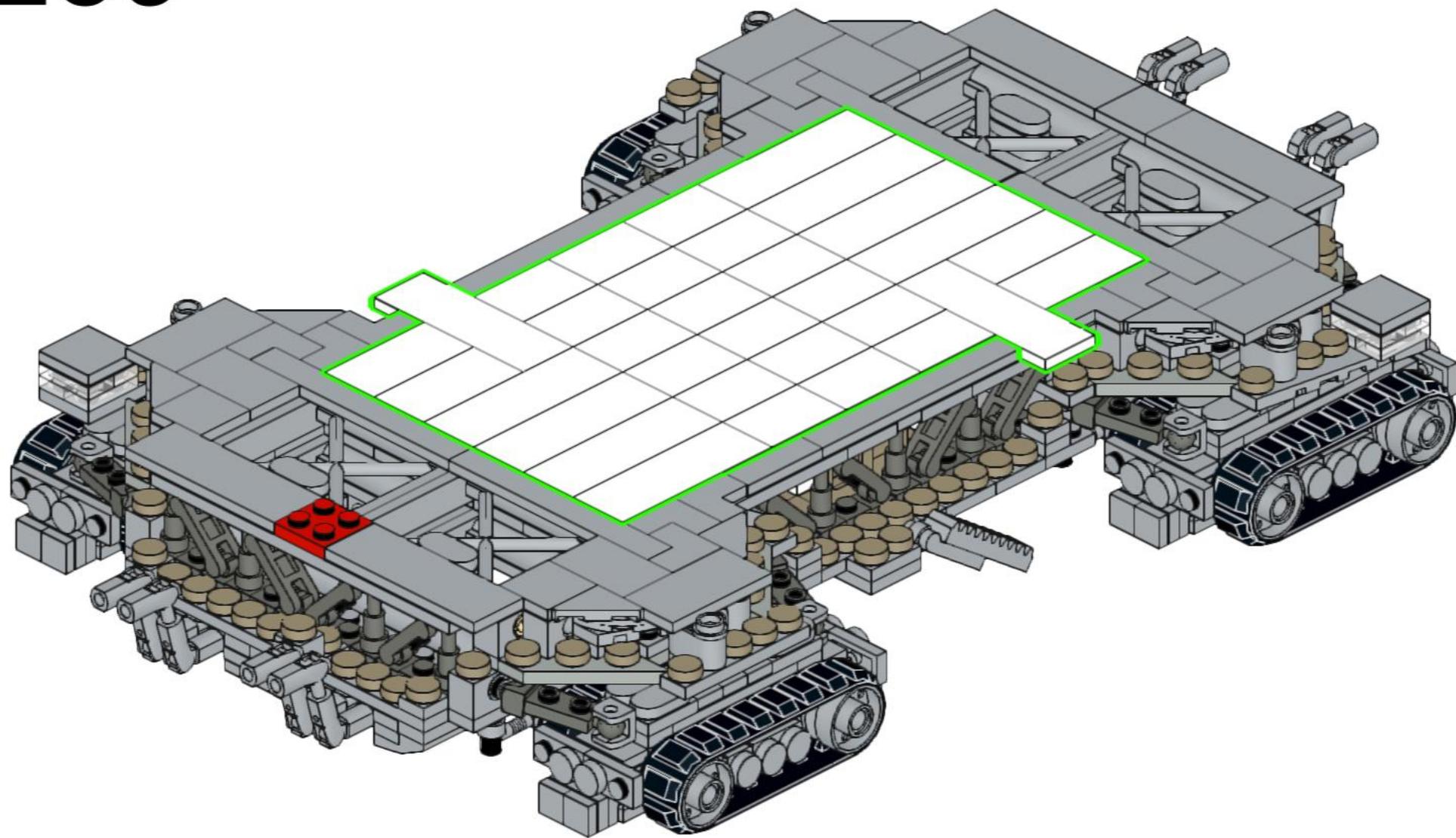
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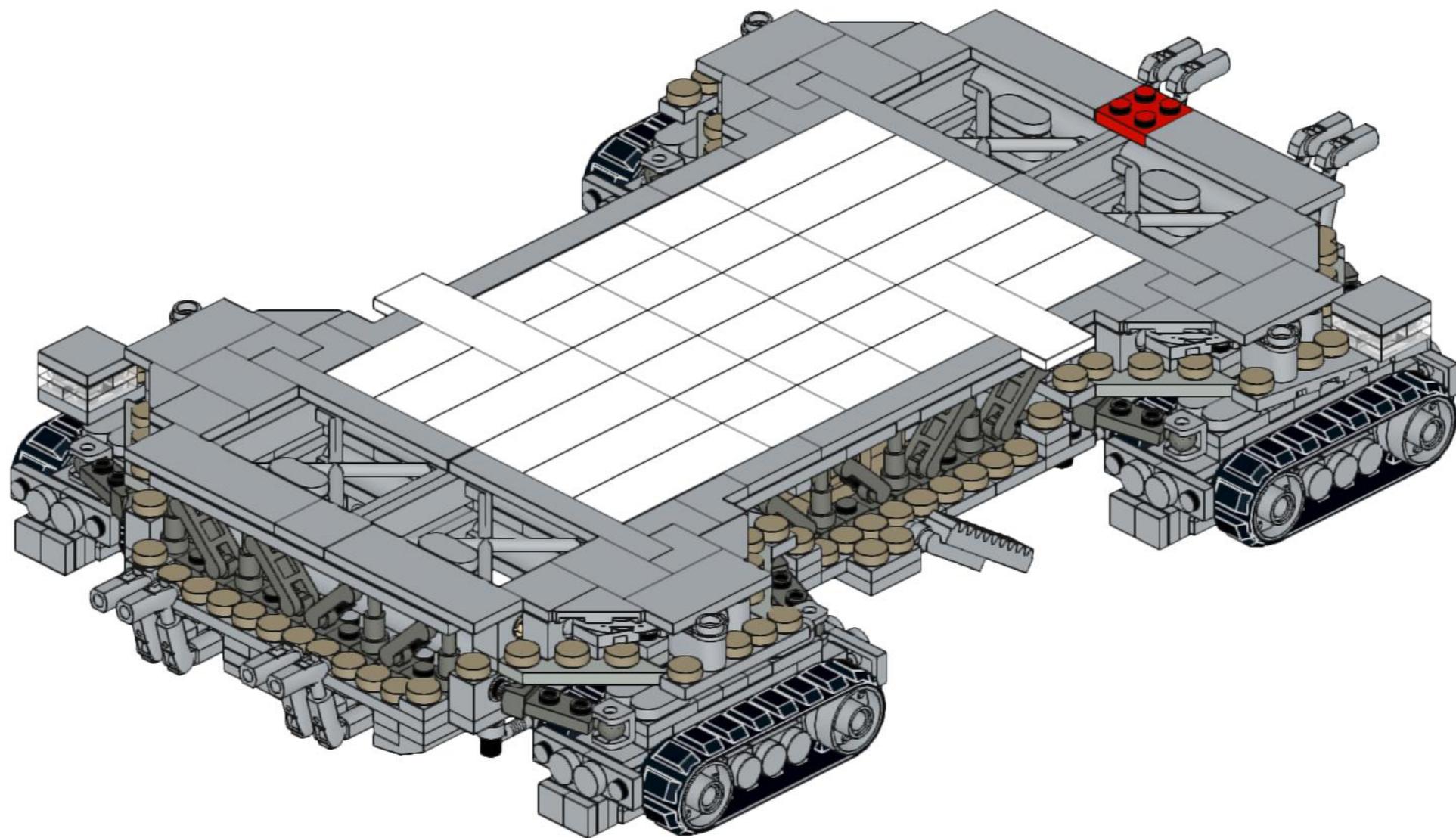
238



239



240



NASA Crawler mit innerer Einrichtung

Anzahl Steine (laut stud.io)
gesamt **1306**
unterschiedliche Arten/Formen **151**
unterschiedliche Arten/Formen **103**

Maße in **cm** dimensions in
Höhe **4.8** Height
Breite **21.7** Width
Länge **35.3** Length

NASA Crawler with interior equipment

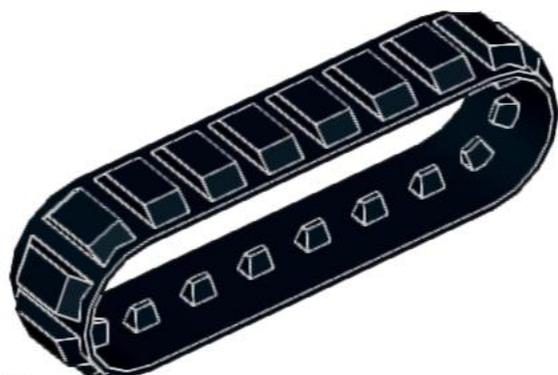
Number bricks (acc. to stud.io)
total
different types/forms (lots)
different types/forms (lots)



2x
30162
Black



4x
6628a
Black



8x
x939
Black



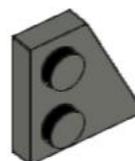
10x
85861
Dark Bluish Gray



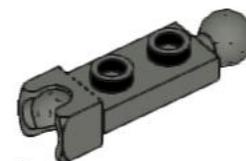
14x
3024
Dark Bluish Gray



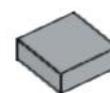
2x
3023
Dark Bluish Gray



4x
24307
Dark Bluish Gray



8x
14419
Dark Bluish Gray



24x
3070
Light Bluish Gray



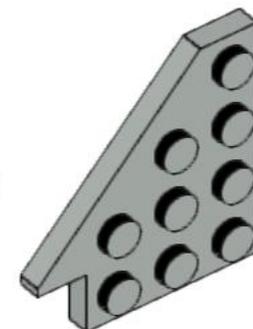
12x
89678
Dark Bluish Gray



16x
44861
Dark Bluish Gray



2x
27263
Dark Bluish Gray



4x
3936
Light Gray



28x
98138
Light Bluish Gray



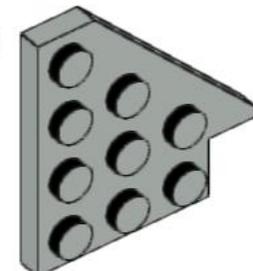
8x
22484
Dark Bluish Gray



14x
64644
Dark Bluish Gray



4x
24299
Dark Bluish Gray



4x
3935
Light Gray



4x
4073
Light Bluish Gray



3x
3069
Dark Bluish Gray



2x
3700
Dark Bluish Gray



3x
87994
Dark Bluish Gray



20x
3024
Light Bluish Gray



2x
32828
Dark Bluish Gray



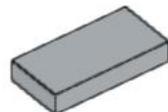
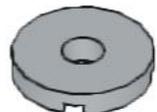
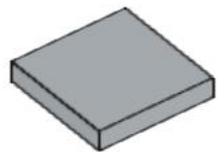
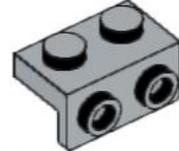
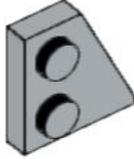
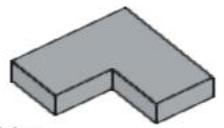
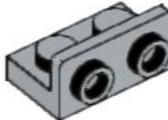
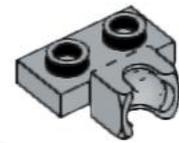
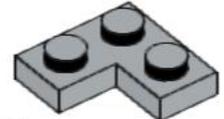
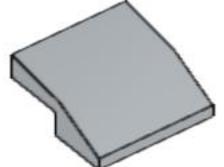
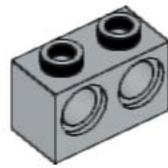
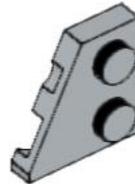
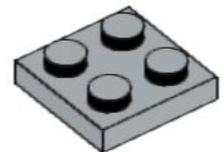
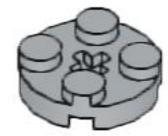
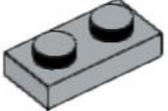
16x
78257
Dark Bluish Gray



6x
85861
Light Bluish Gray



44x
4274
Light Bluish Gray

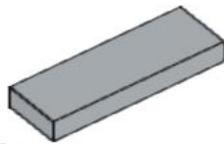
- | | | | | | | |
|--|--|---|--|--|--|--|
| <p>4x
54200
Light Bluish Gray</p>  | <p>32x
23443
Light Bluish Gray</p>  | <p>20x
35480
Light Bluish Gray</p>  | <p>14x
3069
Light Bluish Gray</p>  | <p>8x
35787
Light Bluish Gray</p>  | <p>4x
15535
Light Bluish Gray</p>  | <p>7x
3068
Light Bluish Gray</p>  |
| <p>4x
18654
Light Bluish Gray</p>  | <p>4x
36840
Light Bluish Gray</p>  | <p>12x
15573
Light Bluish Gray</p>  | <p>17x
64644
Light Bluish Gray</p>  | <p>12x
99781
Light Bluish Gray</p>  | <p>4x
24307
Light Bluish Gray</p>  | <p>12x
14719
Light Bluish Gray</p>  |
| <p>7x
15712
Light Bluish Gray</p>  | <p>16x
61252
Light Bluish Gray</p>  | <p>20x
1126
Light Bluish Gray</p>  | <p>4x
99780
Light Bluish Gray</p>  | <p>4x
14704
Light Bluish Gray</p>  | <p>24x
2420
Light Bluish Gray</p>  | <p>12x
15068
Light Bluish Gray</p>  |
| <p>16x
73230
Light Bluish Gray</p>  | <p>4x
36841
Light Bluish Gray</p>  | <p>4x
43857
Light Bluish Gray</p>  | <p>8x
32000
Light Bluish Gray</p>  | <p>4x
24299
Light Bluish Gray</p>  | <p>12x
3022
Light Bluish Gray</p>  | <p>4x
4032
Light Bluish Gray</p>  |
| <p>16x
11090
Light Bluish Gray</p>  | <p>8x
48729b
Light Bluish Gray</p>  | <p>52x
3023
Light Bluish Gray</p>  | <p>1x
2310
Light Bluish Gray</p>  | | | |



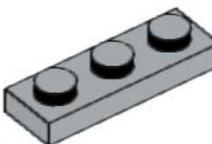
8x
4735
Light Bluish Gray



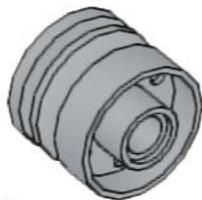
10x
87994
Light Bluish Gray



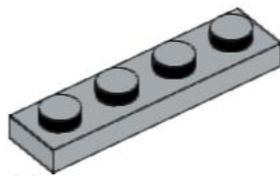
2x
63864
Light Bluish Gray



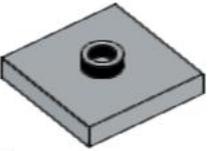
12x
3623
Light Bluish Gray



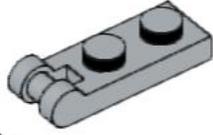
16x
55981
Light Bluish Gray



30x
3710
Light Bluish Gray



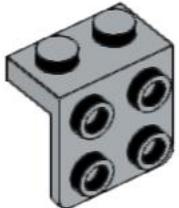
4x
87580
Light Bluish Gray



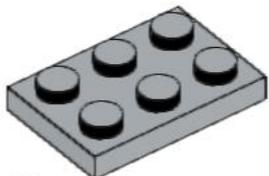
2x
60478
Light Bluish Gray



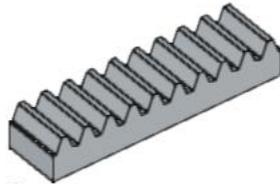
4x
32523
Light Bluish Gray



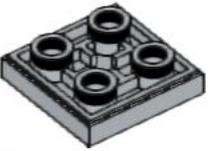
4x
44728
Light Bluish Gray



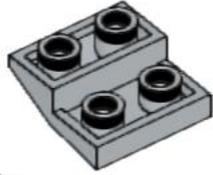
17x
3021
Light Bluish Gray



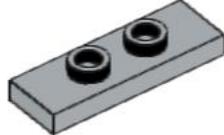
2x
3743
Light Bluish Gray



4x
11203
Light Bluish Gray



4x
32803
Light Bluish Gray



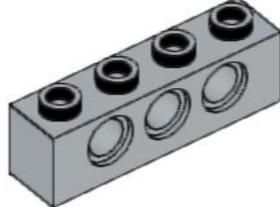
4x
34103
Light Bluish Gray



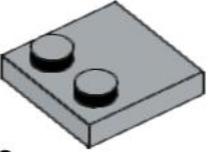
8x
63082
Light Bluish Gray



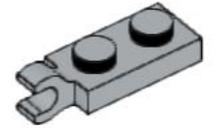
12x
30374
Light Bluish Gray



4x
3701
Light Bluish Gray



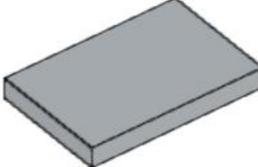
12x
33909
Light Bluish Gray



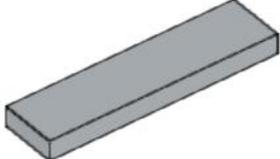
2x
63868
Light Bluish Gray



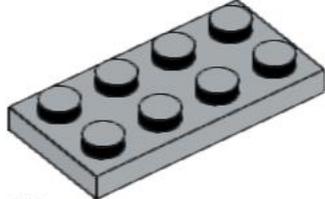
16x
35459
Light Bluish Gray



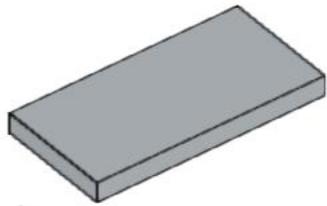
4x
26603
Light Bluish Gray



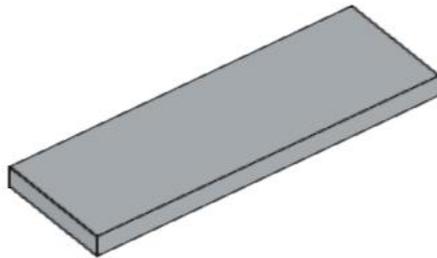
16x
2431
Light Bluish Gray



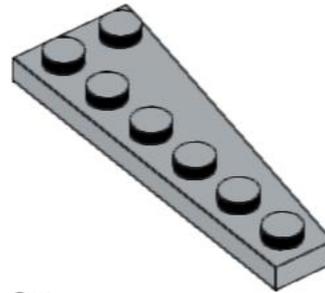
12x
3020
Light Bluish Gray



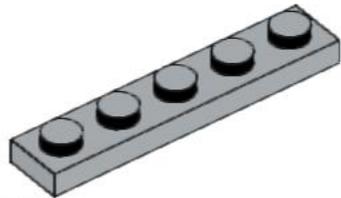
4x
87079
Light Bluish Gray



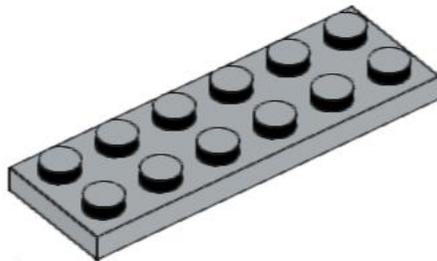
4x
69729
Light Bluish Gray



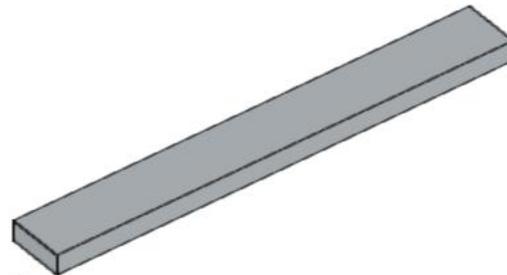
2x
78443
Light Bluish Gray



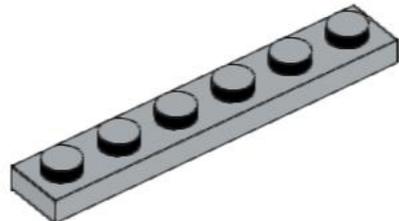
22x
78329
Light Bluish Gray



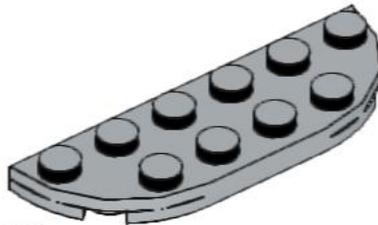
4x
3795
Light Bluish Gray



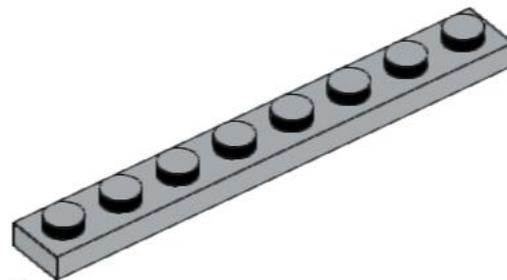
6x
4162
Light Bluish Gray



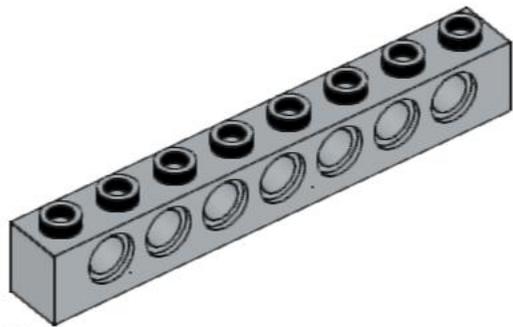
12x
3666
Light Bluish Gray



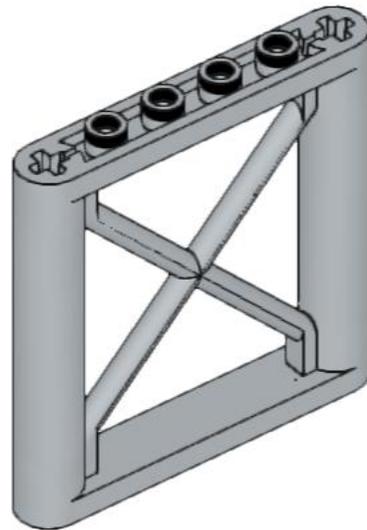
12x
18980
Light Bluish Gray



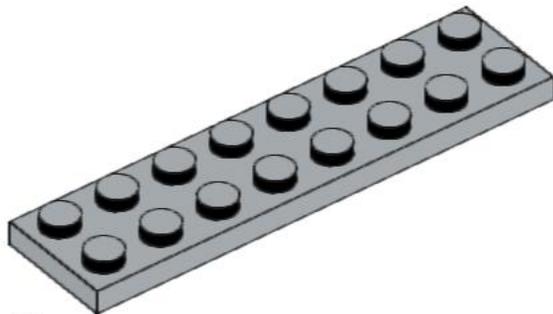
2x
3460
Light Bluish Gray



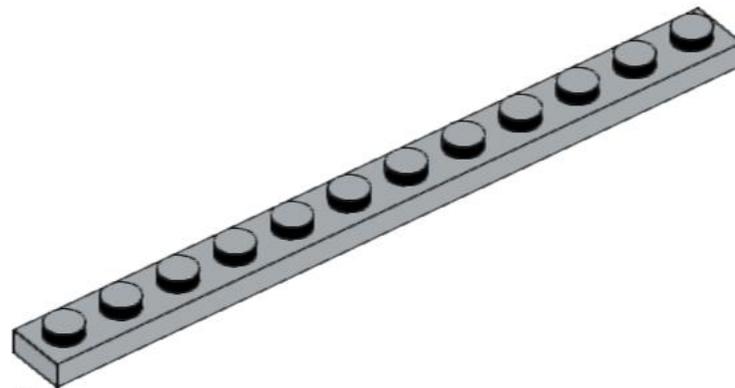
8x
3702
Light Bluish Gray



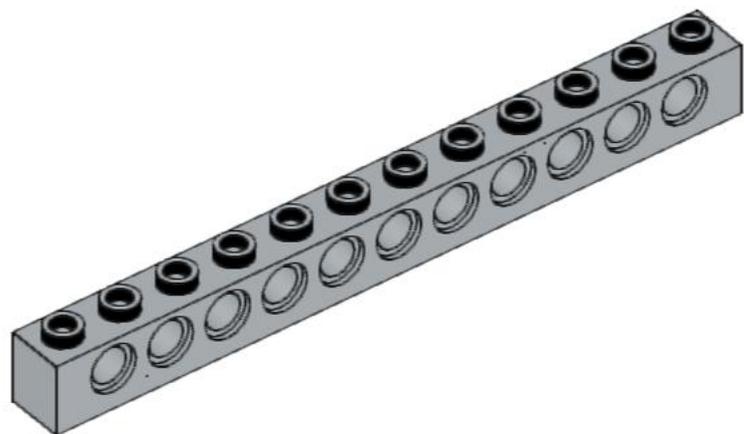
8x
64448
Light Bluish Gray



4x
3034
Light Bluish Gray



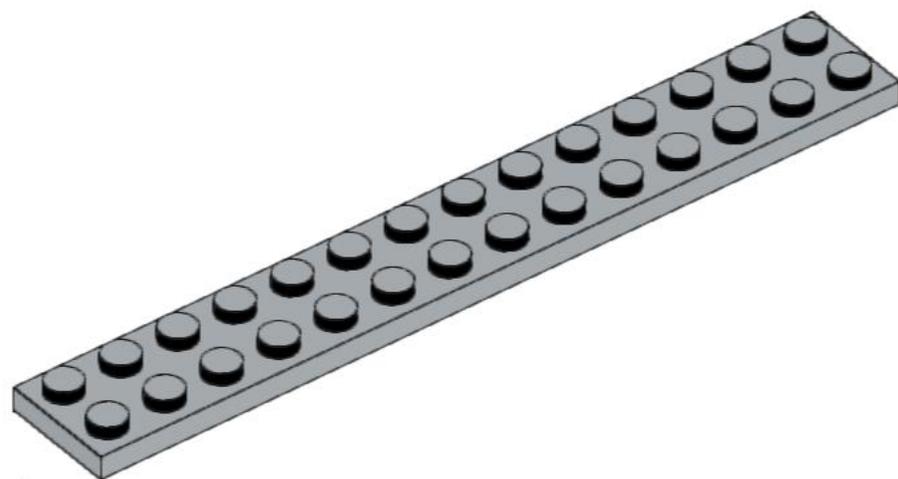
4x
60479
Light Bluish Gray



4x
3895
Light Bluish Gray



10x
4282
Light Bluish Gray



6x
91988
Light Bluish Gray



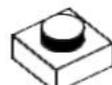
8x
98138
White



8x
24246
White



10x
3070
White



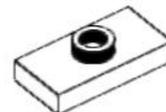
4x
3024
White



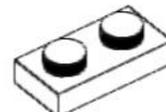
4x
85861
White



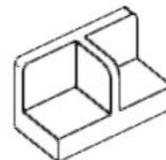
2x
6231
White



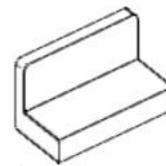
2x
15573
White



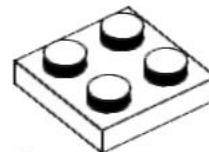
3x
3023
White



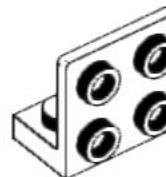
2x
93095
White



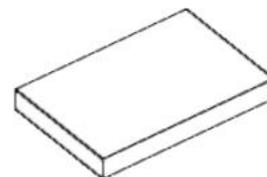
3x
4865b
White



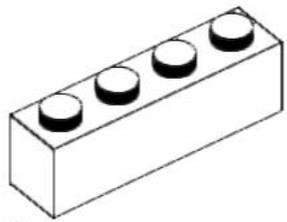
1x
3022
White



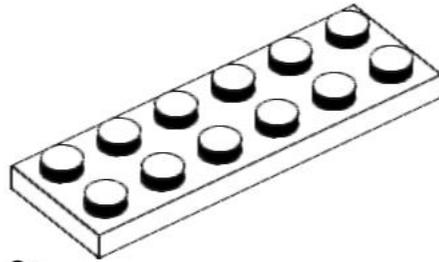
4x
99207
White



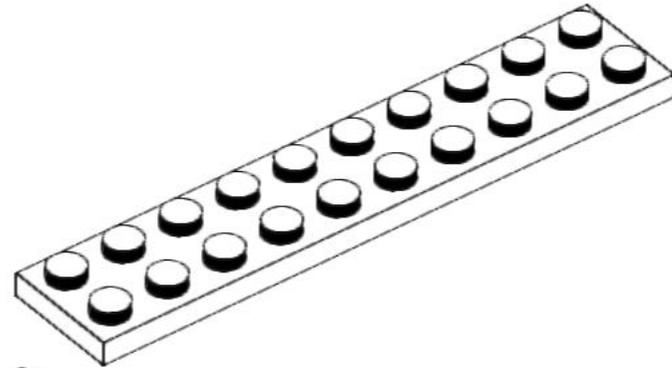
18x
26603
White



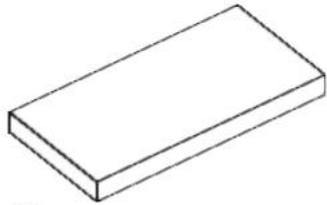
2x
3010
White



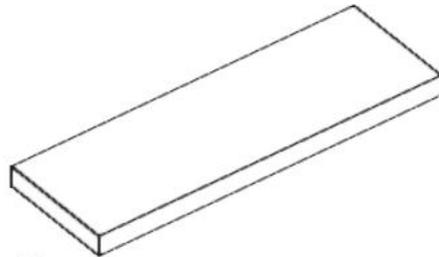
2x
3795
White



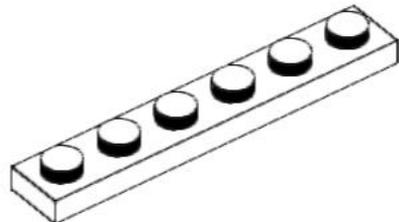
2x
3832
White



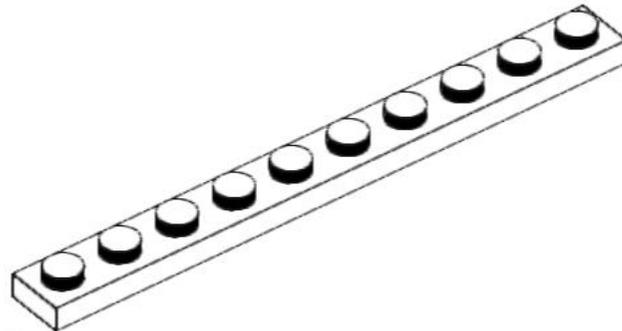
4x
87079
White



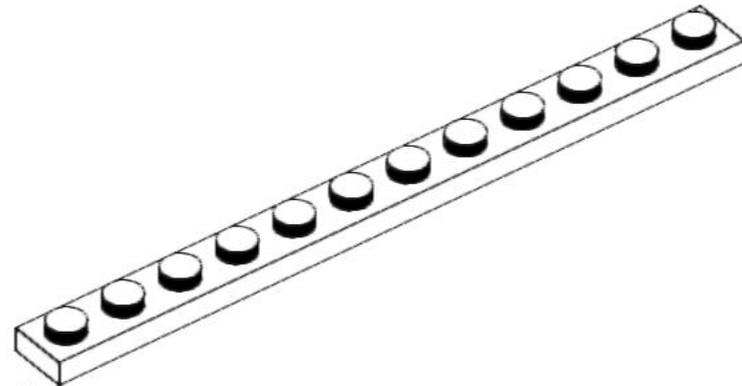
10x
69729
White



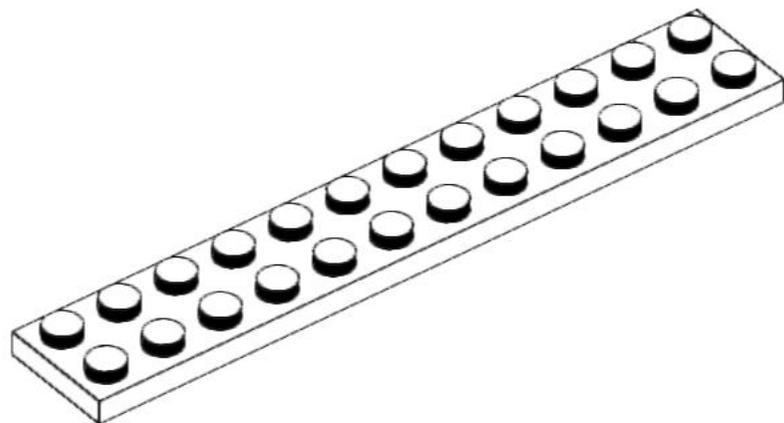
2x
3666
White



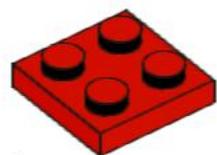
1x
4477
White



4x
60479
White



2x
2445
White



1x
3022
Red



7x
3070
Dark Tan



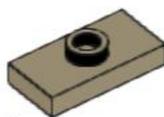
97x
98138
Dark Tan



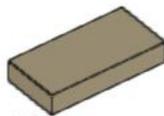
14x
3024
Dark Tan



4x
3005
Dark Tan



3x
15573
Dark Tan



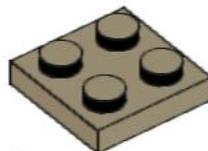
12x
3069
Dark Tan



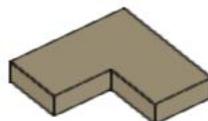
3x
3023
Dark Tan



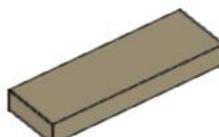
4x
3068
Dark Tan



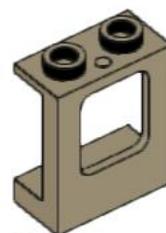
5x
3022
Dark Tan



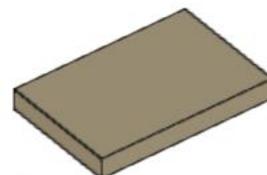
5x
14719
Dark Tan



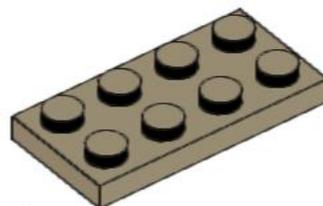
2x
63864
Dark Tan



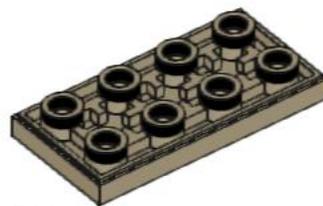
4x
60032
Dark Tan



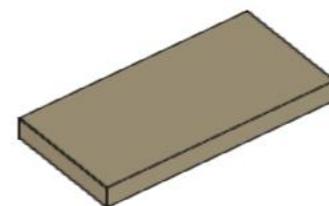
2x
26603
Dark Tan



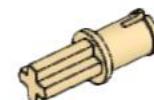
9x
3020
Dark Tan



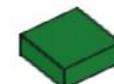
8x
3395
Dark Tan



1x
87079
Dark Tan



32x
3749
Tan



2x
3070
Green



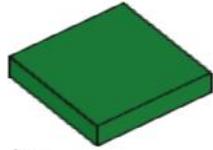
4x
24246
Green



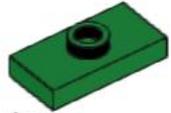
2x
3024
Green



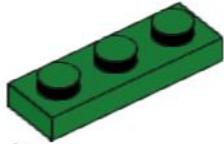
2x
3062
Green



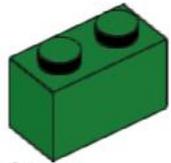
2x
3068
Green



6x
15573
Green



2x
3623
Green



2x
3004
Green



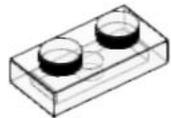
2x
36841
Bright Green



2x
3700
Green



2x
98138
Blue



8x
3023
Trans-Clear

NASA Crawler ohne innere Einrichtung

Anzahl Steine (laut stud.io)
gesamt **1096**
unterschiedliche Arten/Formen **103**

Maße in **cm** dimensions in
Höhe **4.8** Height
Breite **21.7** Width
Länge **35.3** Length

NASA Crawler without interior equipment

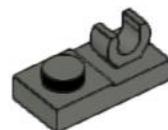
Number bricks (acc. to stud.io)
total
different types/forms (lots)

Teileliste

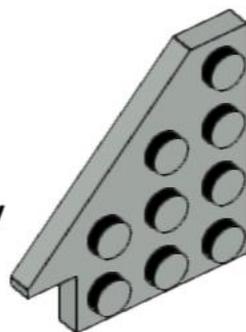
Bill of Materials



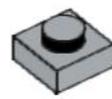
4x
6628a
Black



16x
44861
Dark Bluish Gray



4x
3936
Light Gray



20x
3024
Light Bluish Gray



16x
11090
Light Bluish Gray



4x
36841
Light Bluish Gray



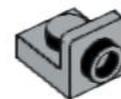
8x
939
Black



14x
64644
Dark Bluish Gray



4x
4073
Light Bluish Gray



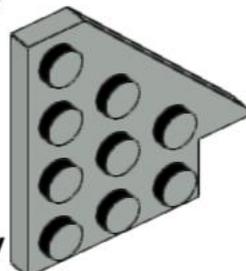
4x
36840
Light Bluish Gray



8x
48729b
Light Bluish Gray



16x
78257
Dark Bluish Gray



4x
3935
Light Gray



4x
54200
Light Bluish Gray



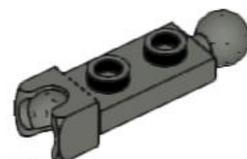
16x
73230
Light Bluish Gray



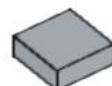
52x
3023
Light Bluish Gray



14x
3024
Dark Bluish Gray



8x
14419
Dark Bluish Gray



24x
3070
Light Bluish Gray



4x
15712
Light Bluish Gray



32x
23443
Light Bluish Gray



4x
43857
Light Bluish Gray



8x
89678
Dark Bluish Gray



44x
4274
Light Bluish Gray



16x
61252
Light Bluish Gray



20x
35480
Light Bluish Gray



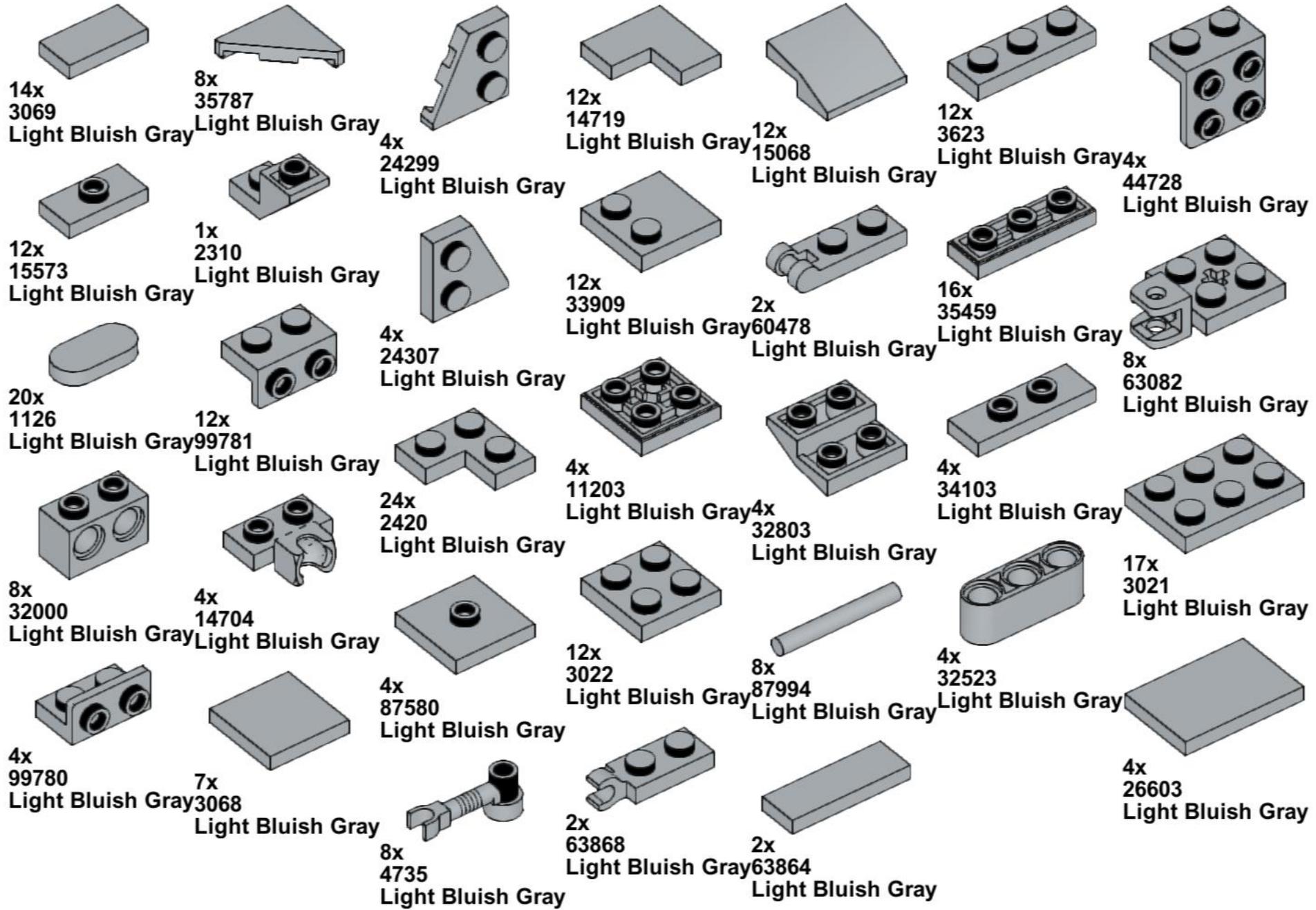
8x
22484
Dark Bluish Gray

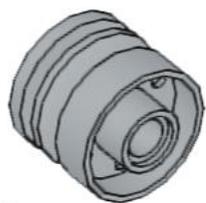


28x
98138
Light Bluish Gray

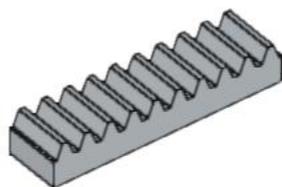


4x
18654
Light Bluish Gray





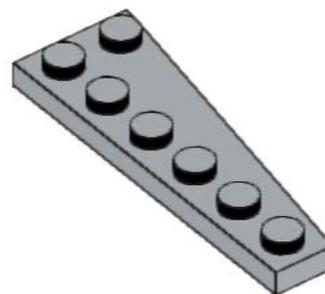
16x
55981
Light Bluish Gray



2x
3743
Light Bluish Gray



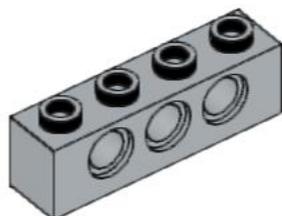
22x
78329
Light Bluish Gray



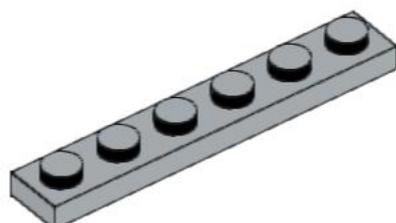
2x
78443
Light Bluish Gray



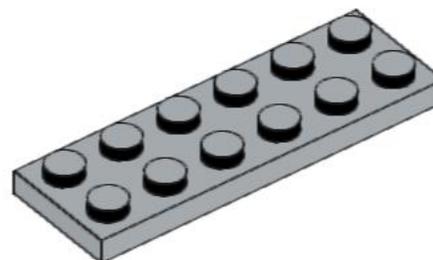
12x
30374
Light Bluish Gray



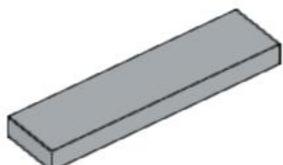
4x
3701
Light Bluish Gray



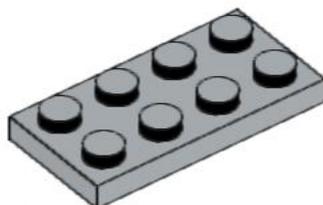
12x
3666
Light Bluish Gray



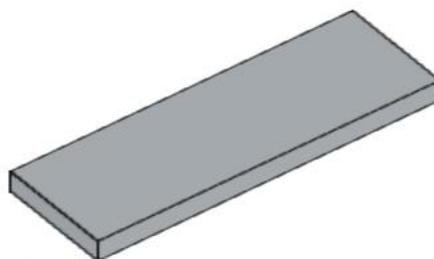
4x
3795
Light Bluish Gray



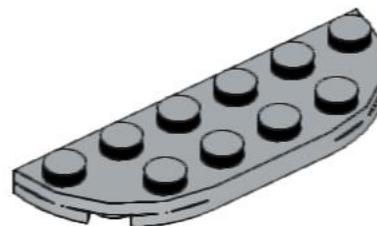
16x
2431
Light Bluish Gray



12x
3020
Light Bluish Gray



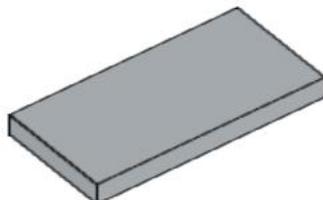
4x
69729
Light Bluish Gray



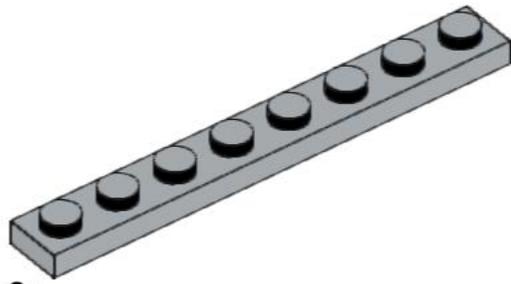
12x
18980
Light Bluish Gray



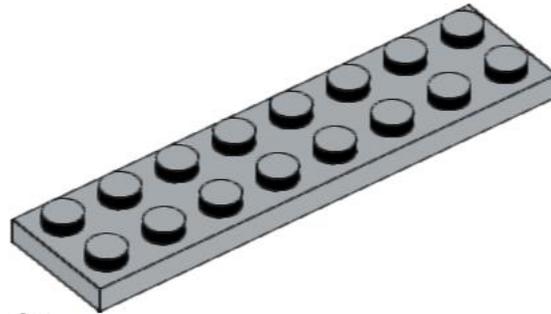
30x
3710
Light Bluish Gray



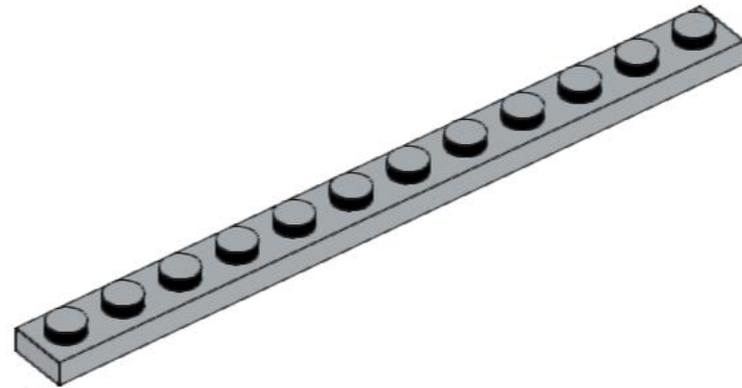
4x
87079
Light Bluish Gray



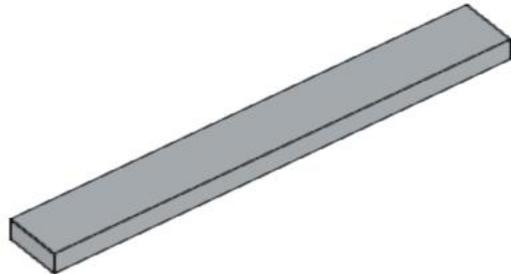
2x
3460
Light Bluish Gray



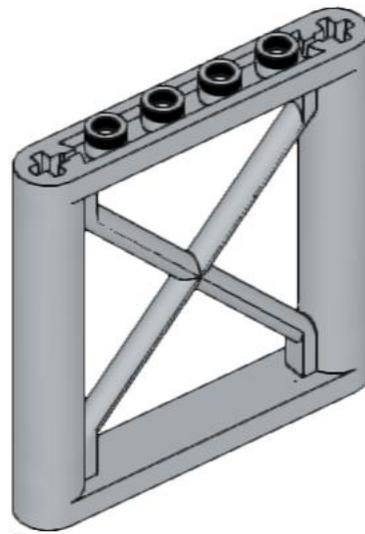
4x
3034
Light Bluish Gray



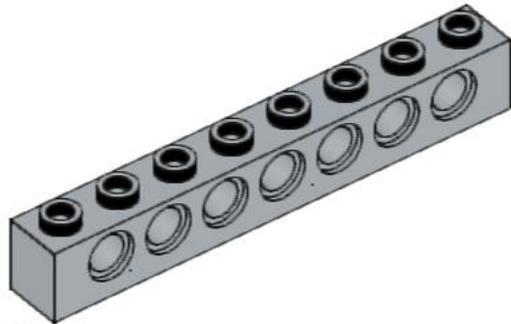
4x
60479
Light Bluish Gray



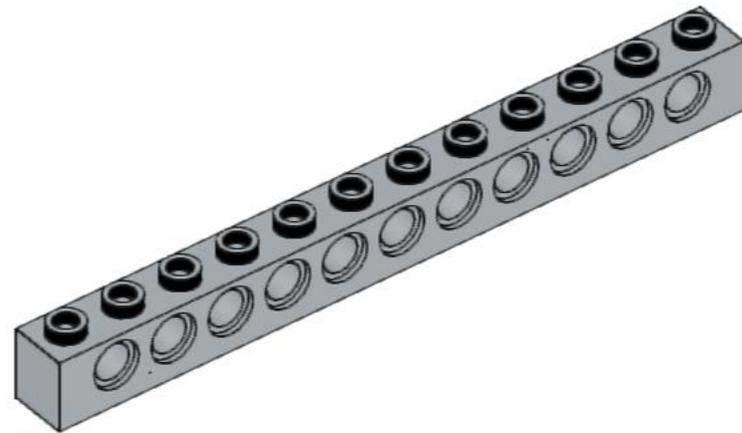
6x
4162
Light Bluish Gray



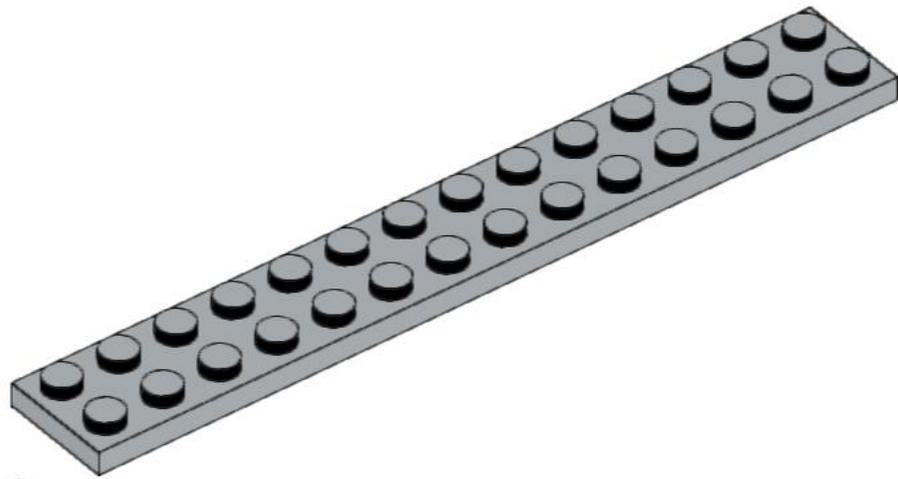
8x
64448
Light Bluish Gray



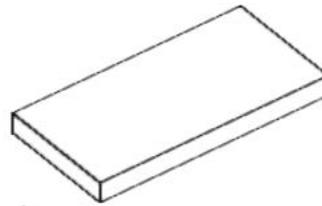
8x
3702
Light Bluish Gray



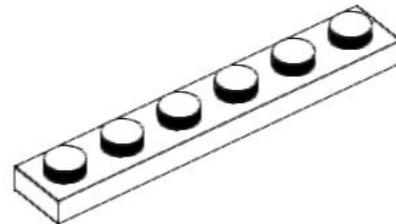
4x
3895
Light Bluish Gray



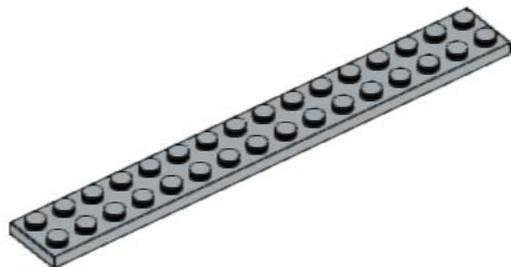
6x
91988
Light Bluish Gray



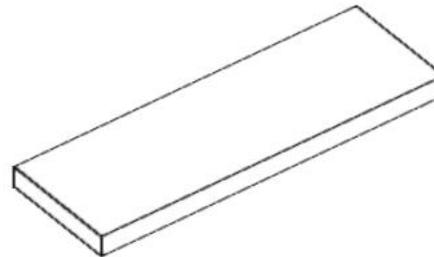
4x
87079
White



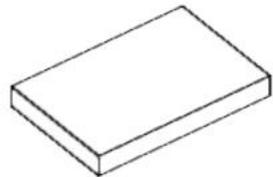
2x
3666
White



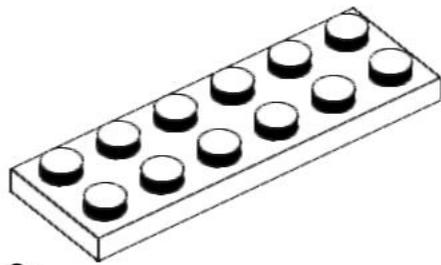
10x
4282
Light Bluish Gray



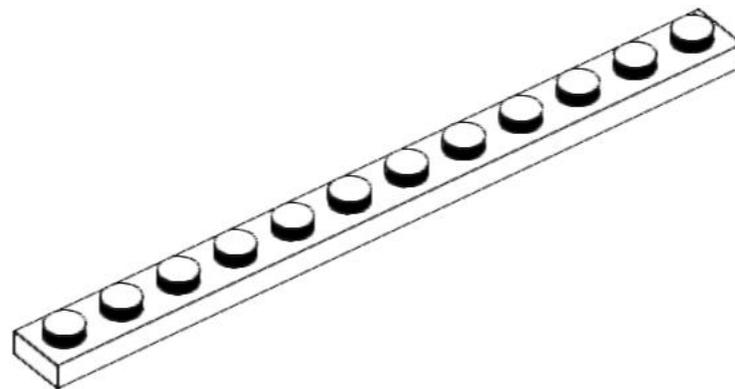
10x
69729
White



18x
26603
White



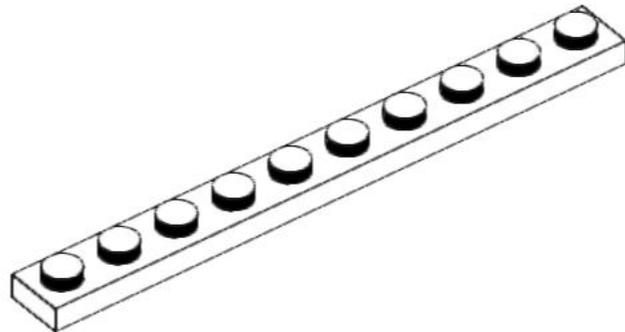
2x
3795
White



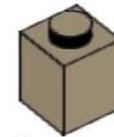
4x
60479
White



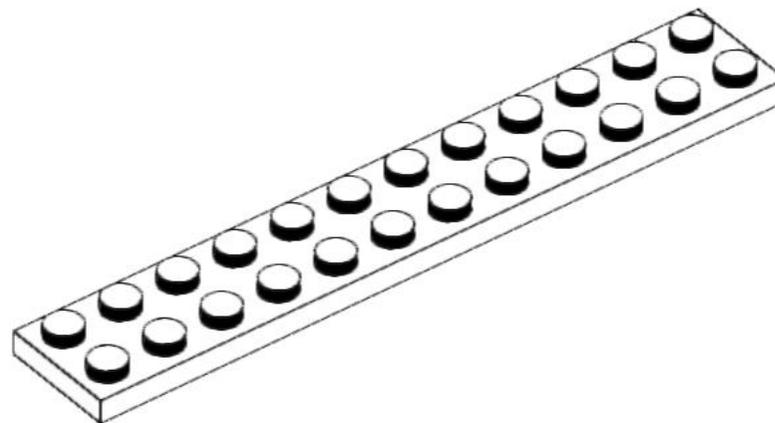
97x
98138
Dark Tan



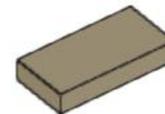
1x
4477
White



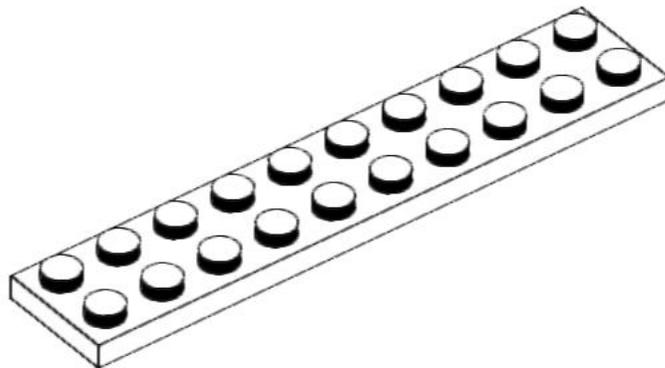
4x
3005
Dark Tan



2x
2445
White



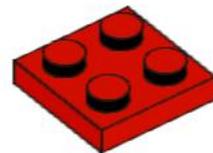
4x
3069
Dark Tan



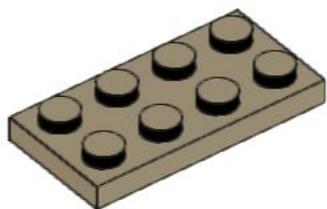
2x
3832
White



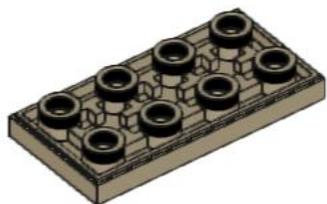
4x
60032
Dark Tan



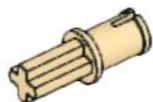
1x
3022
Red



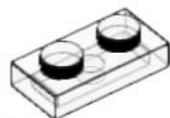
8x
3020
Dark Tan



8x
3395
Dark Tan



32x
3749
Tan



8x
3023
Trans-Clear