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**Bauanleitung  
Trägerraketen der USA  
für bemannte Flüge (Ergänzung)  
Lunar Gateway**

Maßstab  
März  
Kontakt

1:510  
2024  
[bricks@hwlk.de](mailto:bricks@hwlk.de)

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**Building Instructions  
US launcher vehicles  
for manned flights (supplement)  
Lunar Gateway**

Scale  
March  
Contact

## 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 auf Details zu verzichten,
- Wenn möglich sollen auch Farben des Originals übernommen werden.

In der vorliegenden Bauanleitung machen wir Vorschläge wie das Lunar Gateway mit LEGO-Steinen gebaut werden können.

**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 forego details.
- If possible, colors from the original should also be adopted.

In these building instructions we make suggestions on how the Lunar Gateway can be built with LEGO bricks.

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

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

## Lunar Gateway

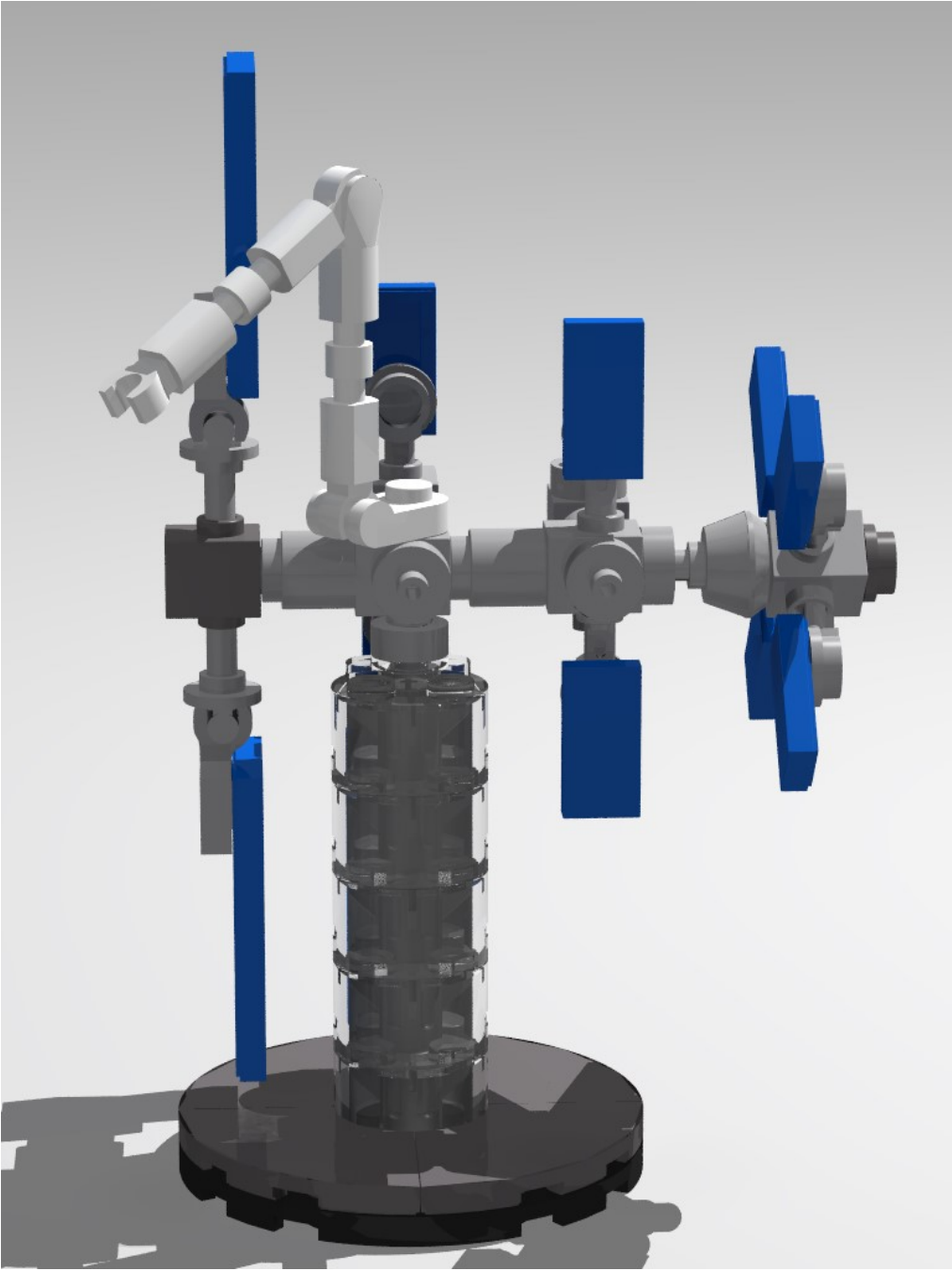
Das komplette Lunar Gateway (LGw) im Maßstab 1:510 abzubilden ist mit den vorhandenen LEGO-Steinen nur bedingt möglich. Manche Maße (hauptsächlich Durchmesser) sind mit den verwendeten Rundsteinen mal zu klein, mal zu groß.

Die hier verwendeten LEGO-Steine werden so gezeigt wie man sie kaufen kann.

## Lunar Gateway

Reproducing the entire Lunar Gateway (LGw) at a scale of 1:510 is only possible to a limited extent with the existing LEGO bricks. Some dimensions (mainly diameters) are sometimes too small and sometimes too large with the round bricks used.

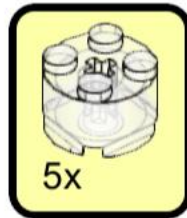
The LEGO bricks used here are shown as they can be purchased.



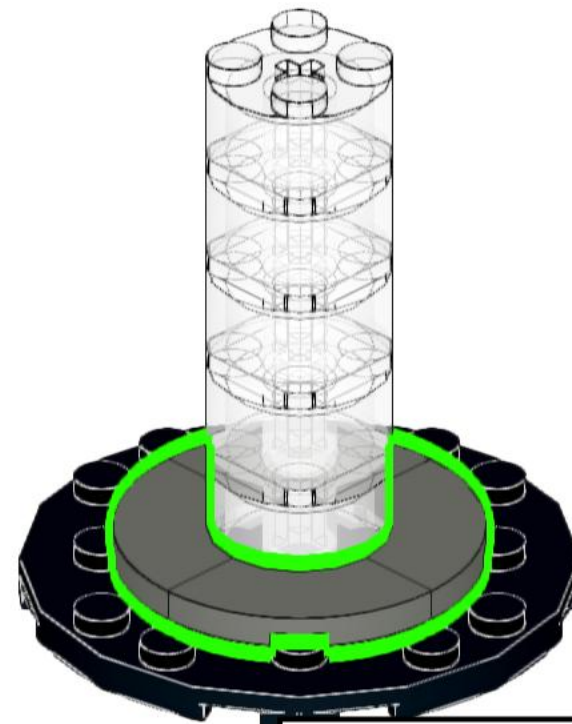
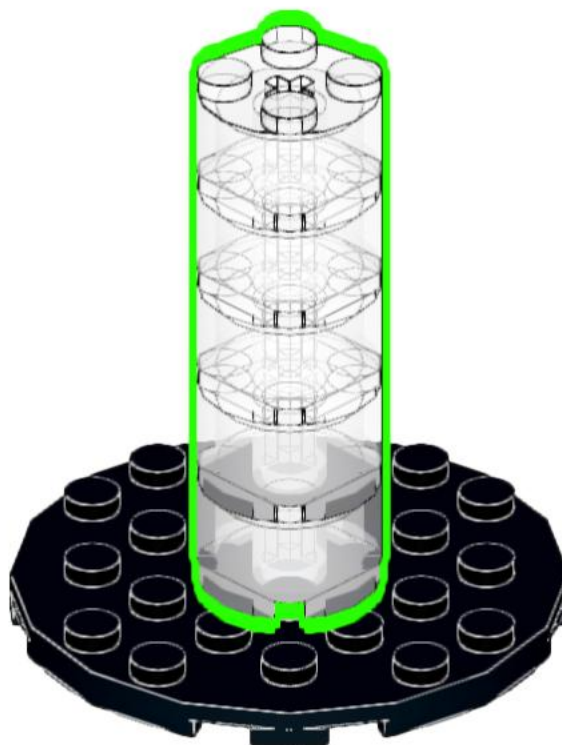
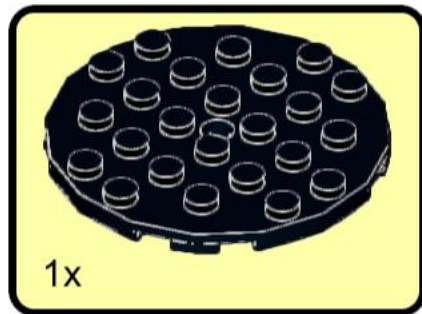
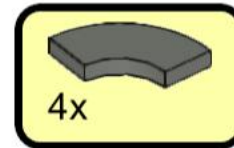
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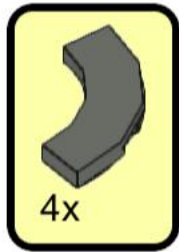
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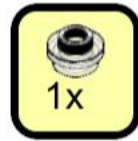
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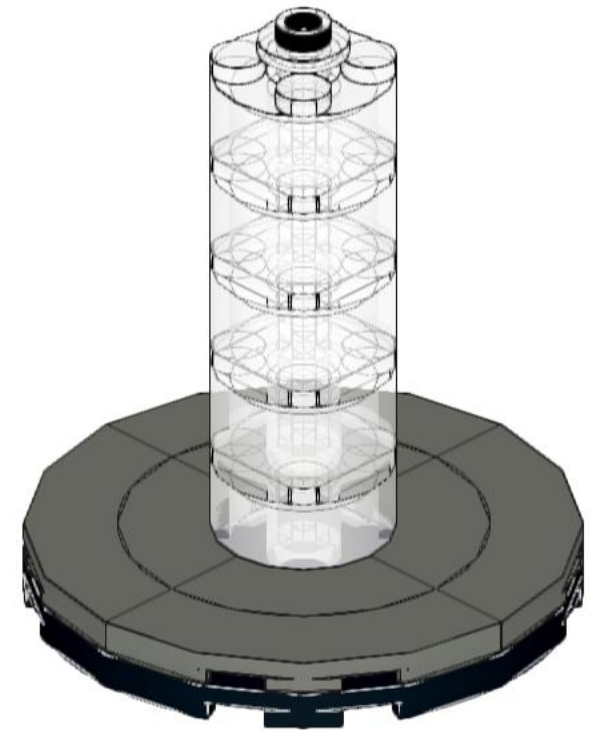
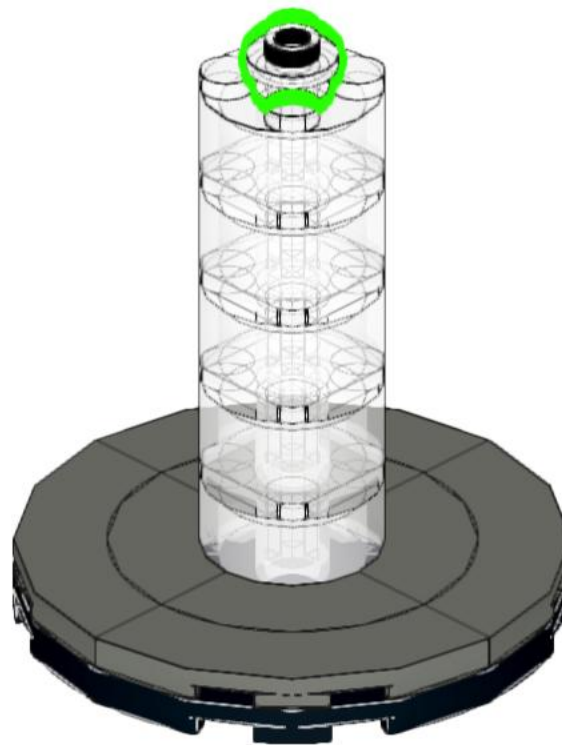
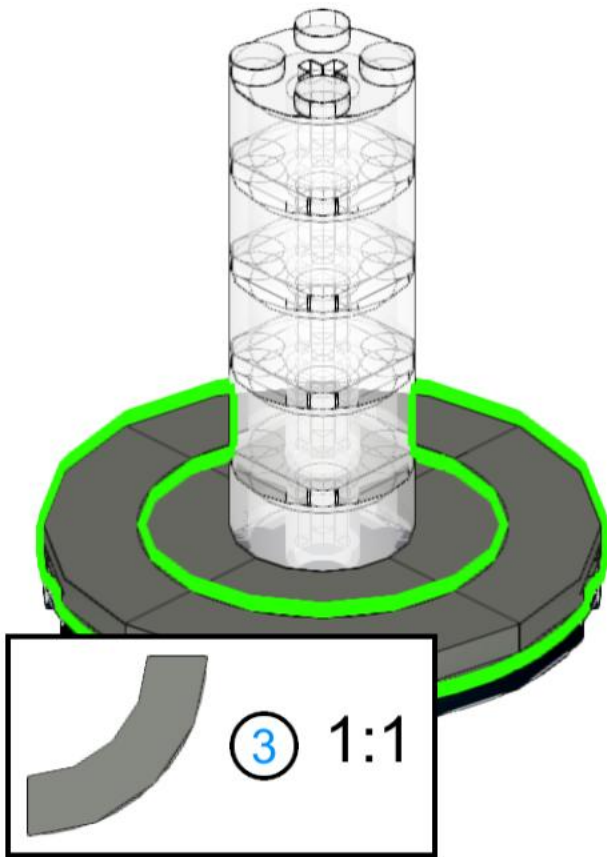
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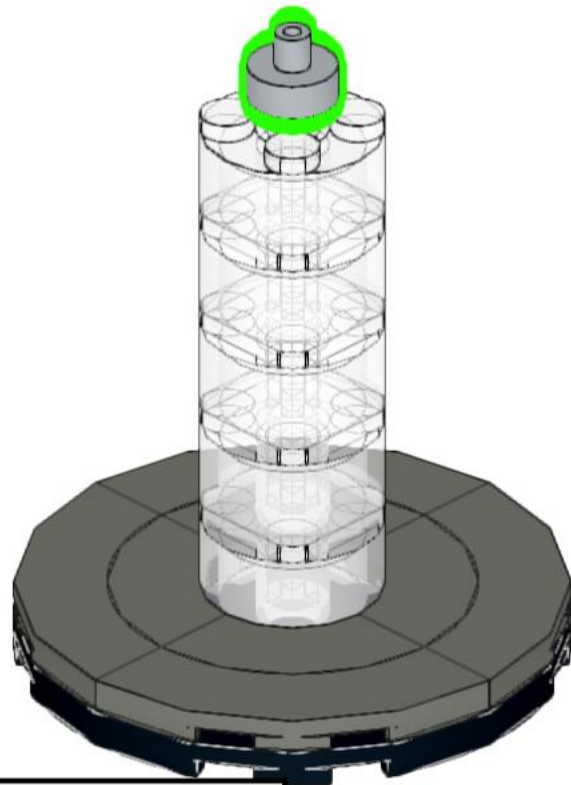
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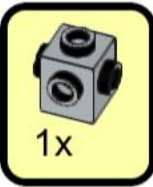
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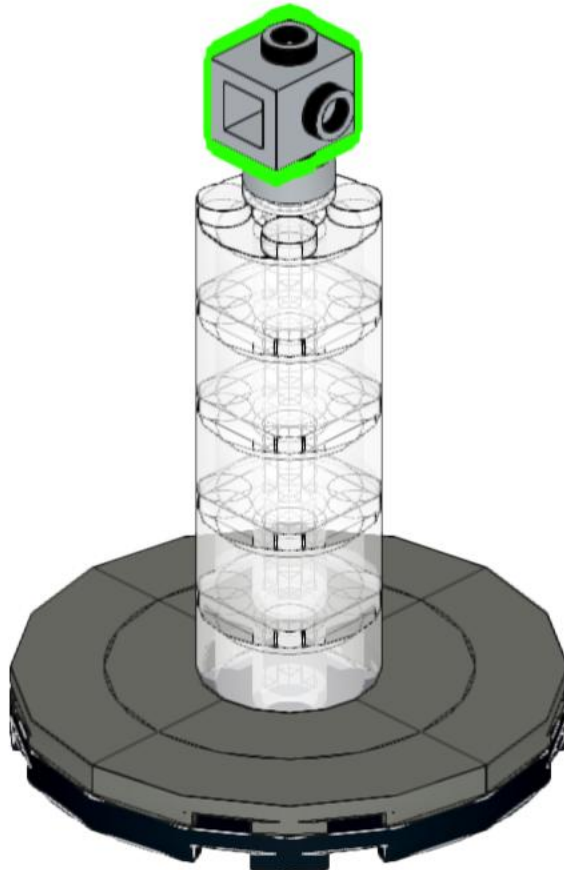



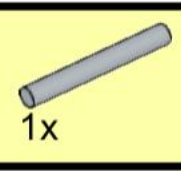
7  1x

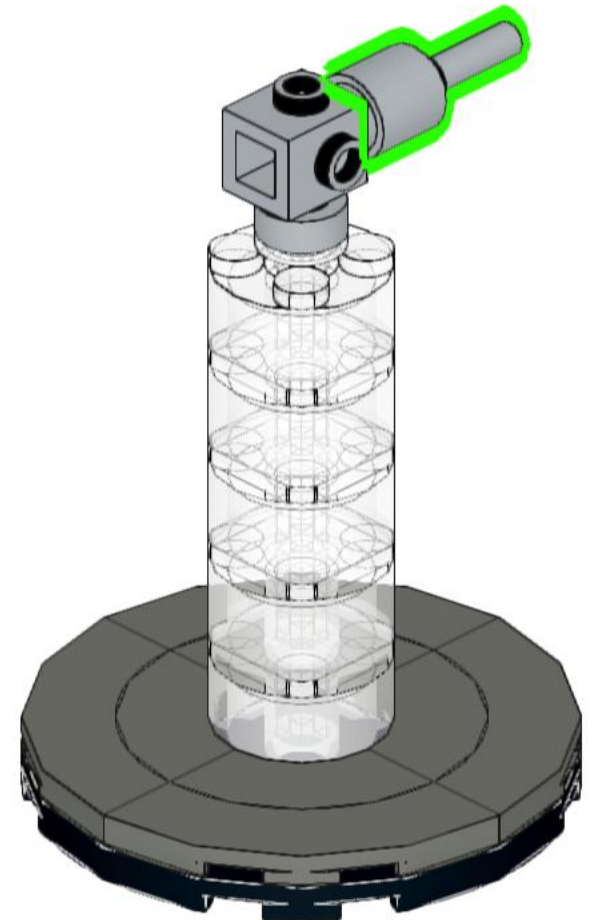



 ① 1:1

8  1x

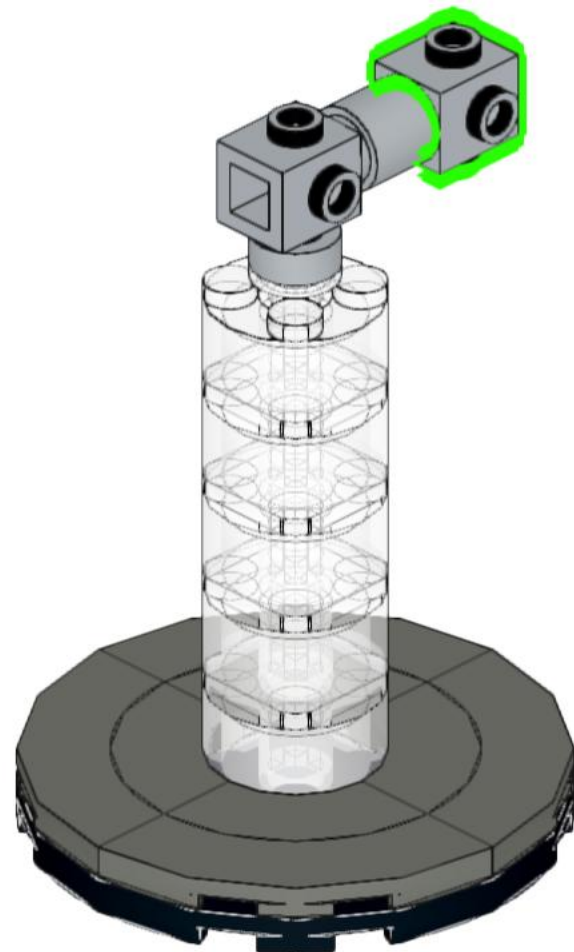
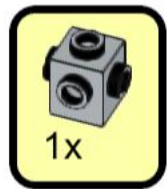


9  1x  1x

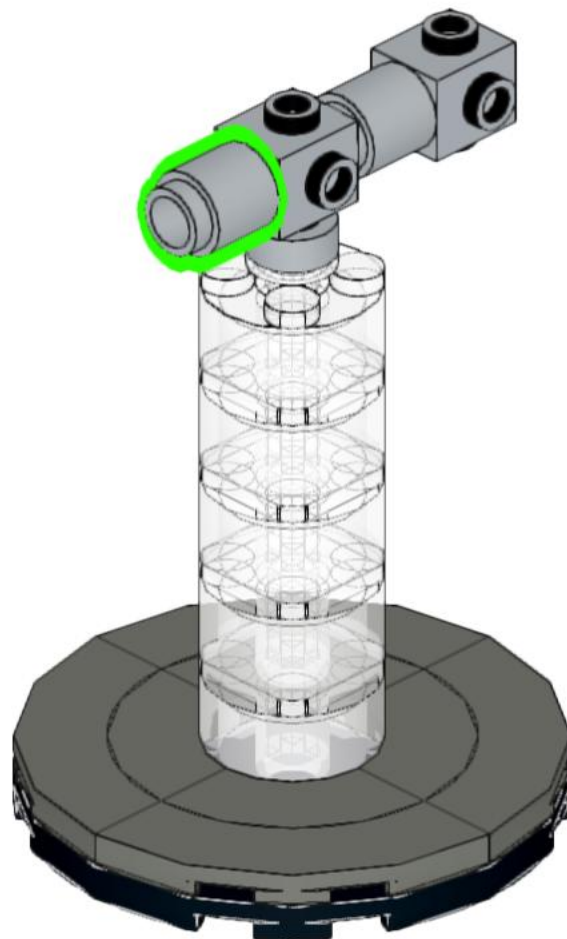
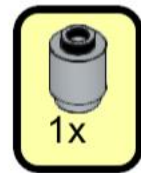


 ③ 1:1

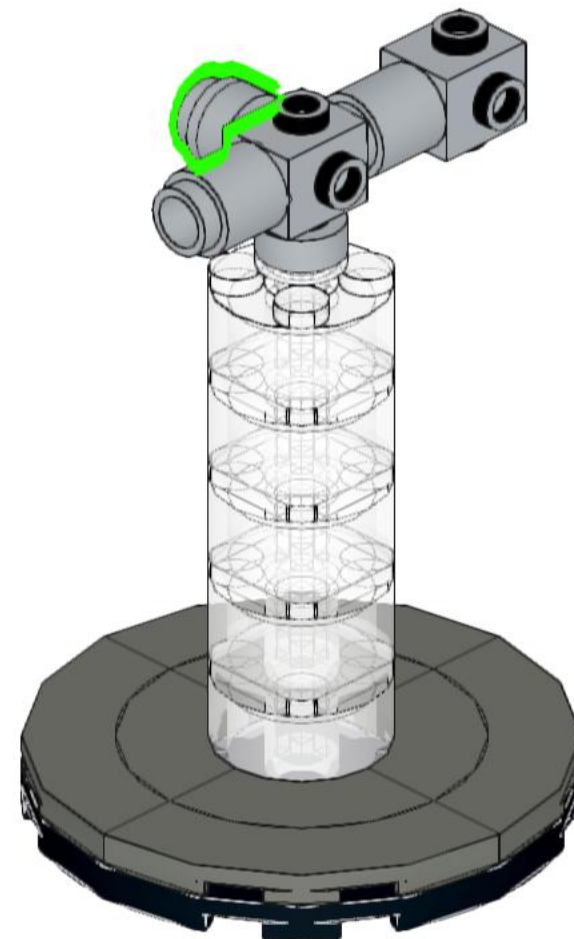
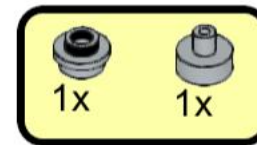
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11

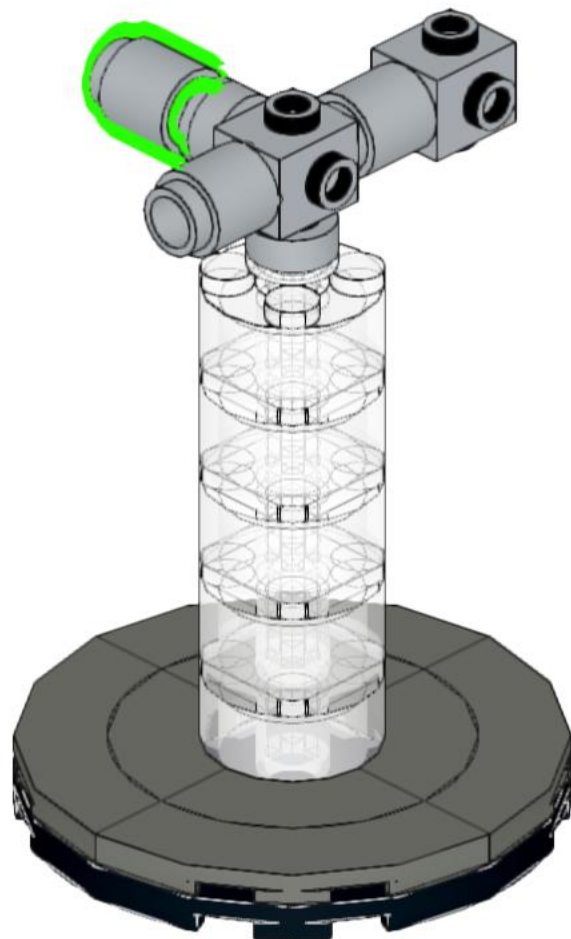


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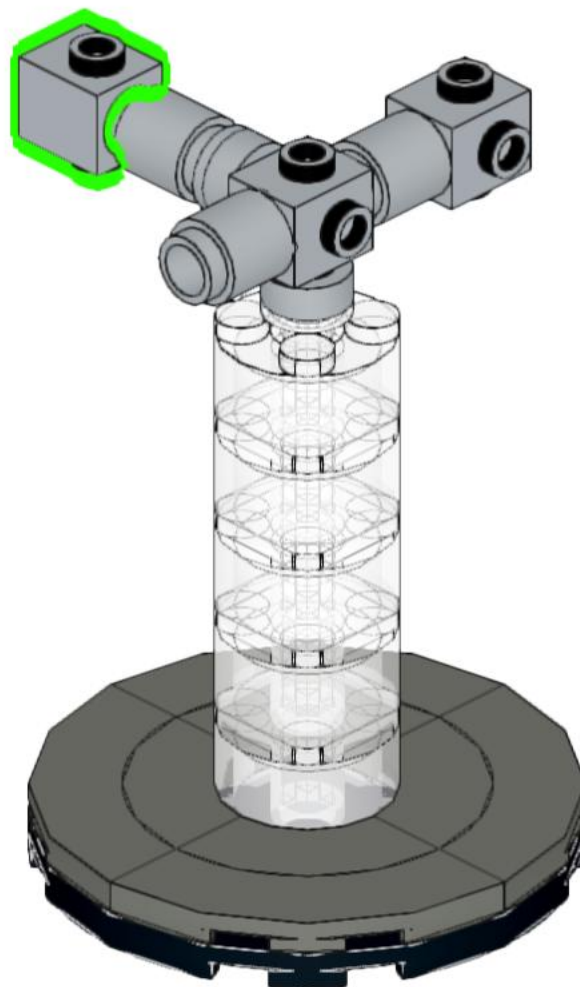
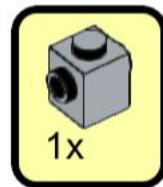




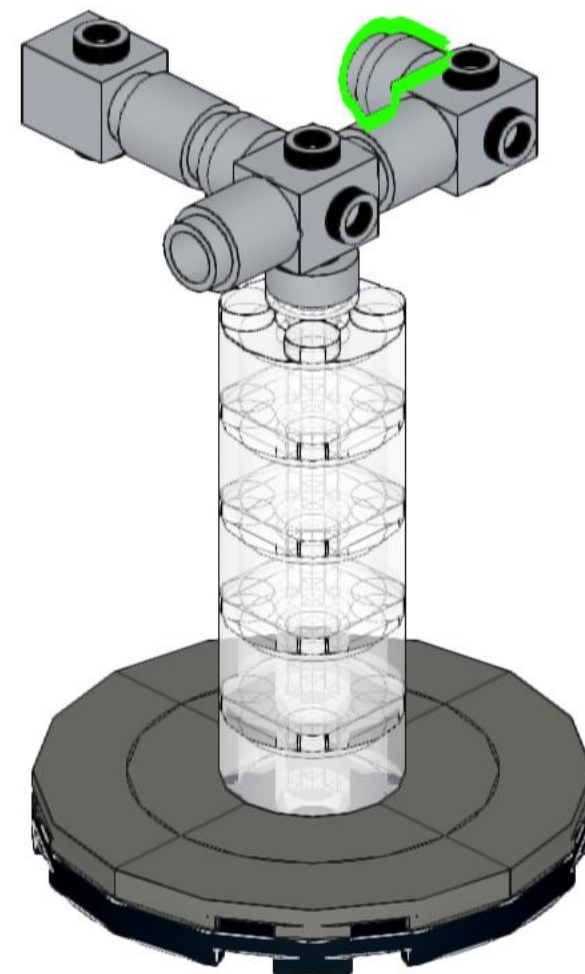
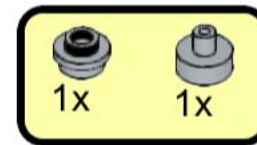
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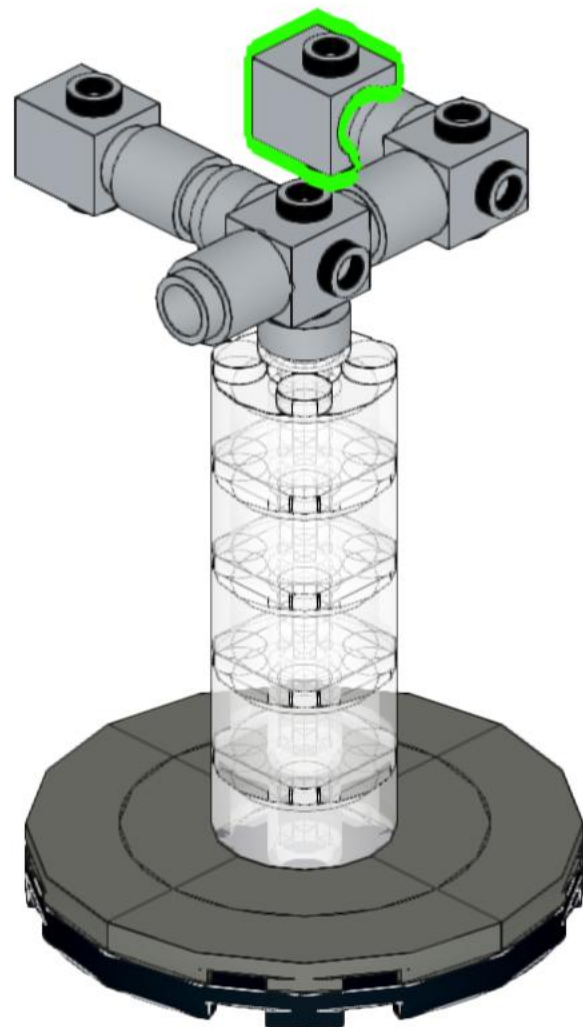
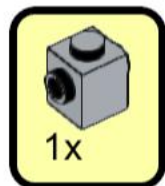
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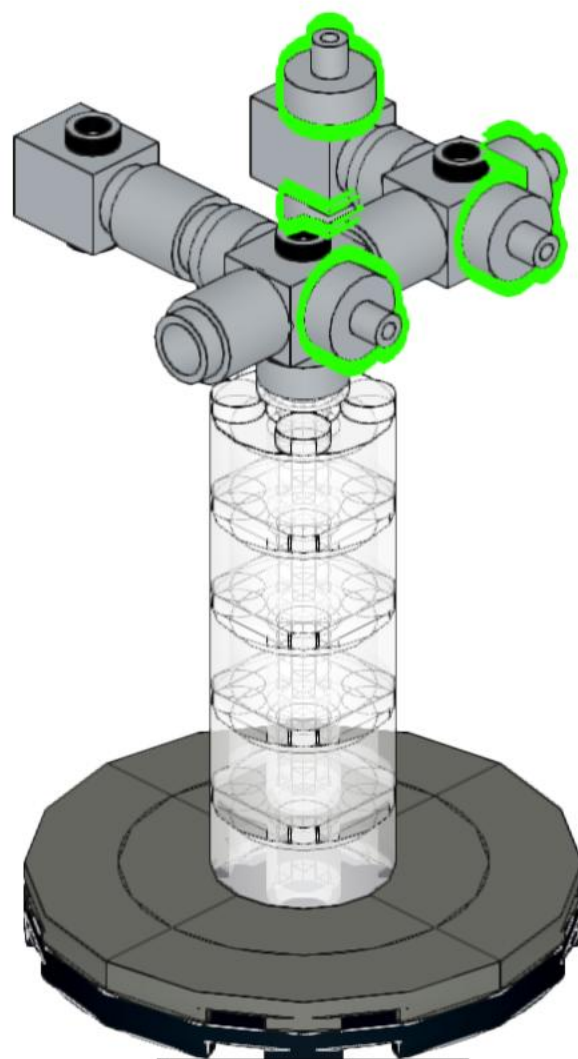
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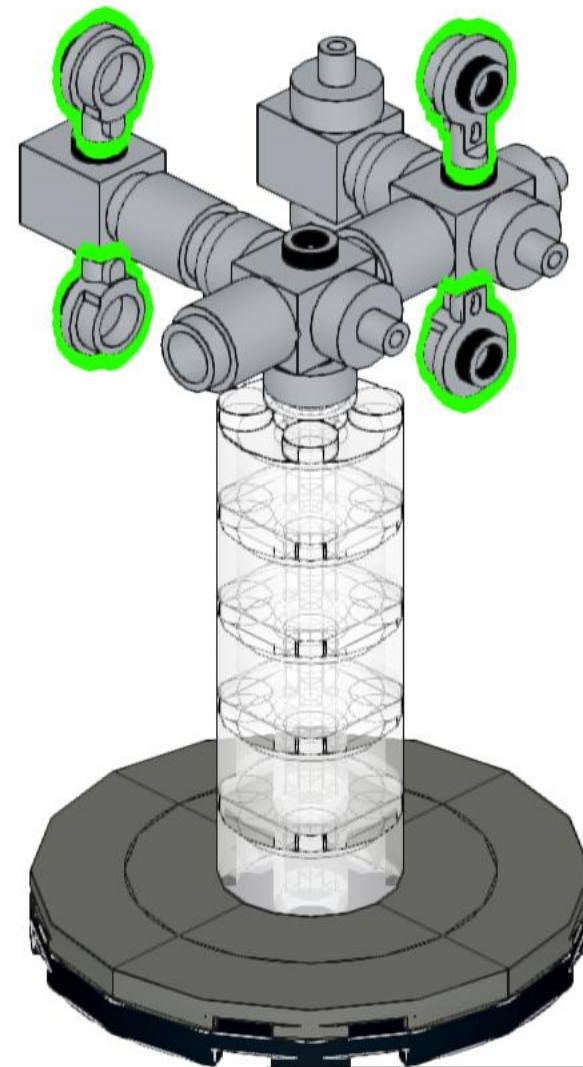
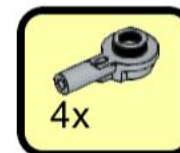
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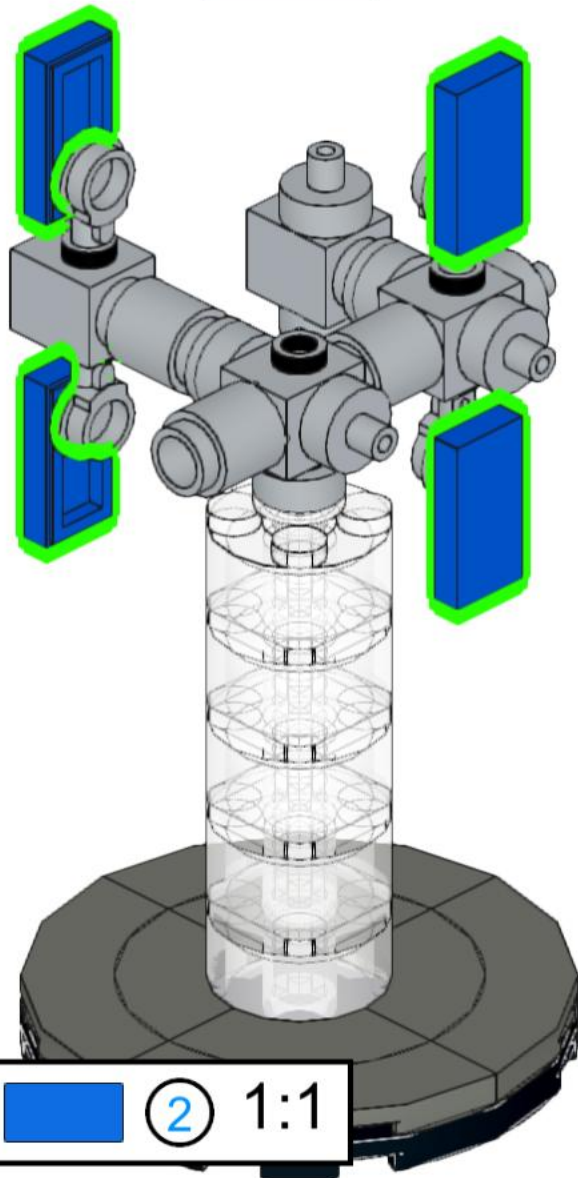
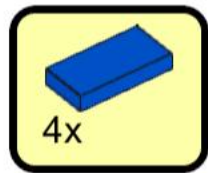
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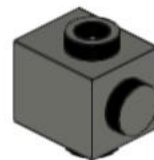
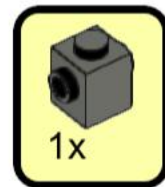
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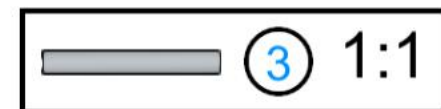
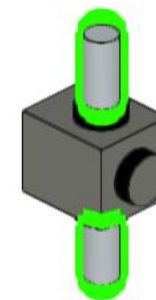
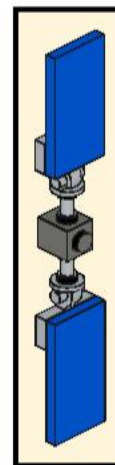
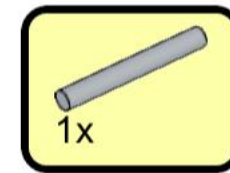
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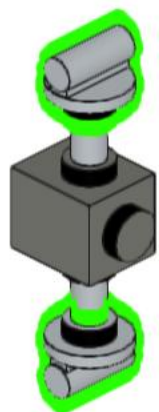
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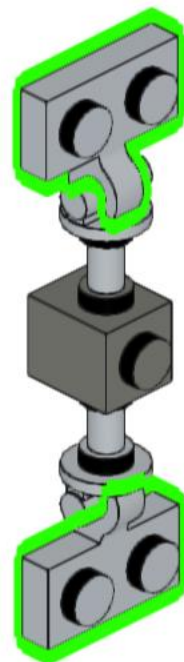
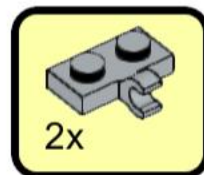
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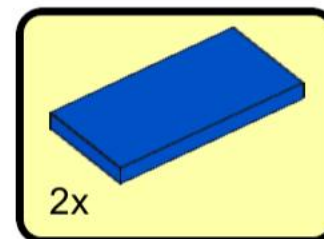
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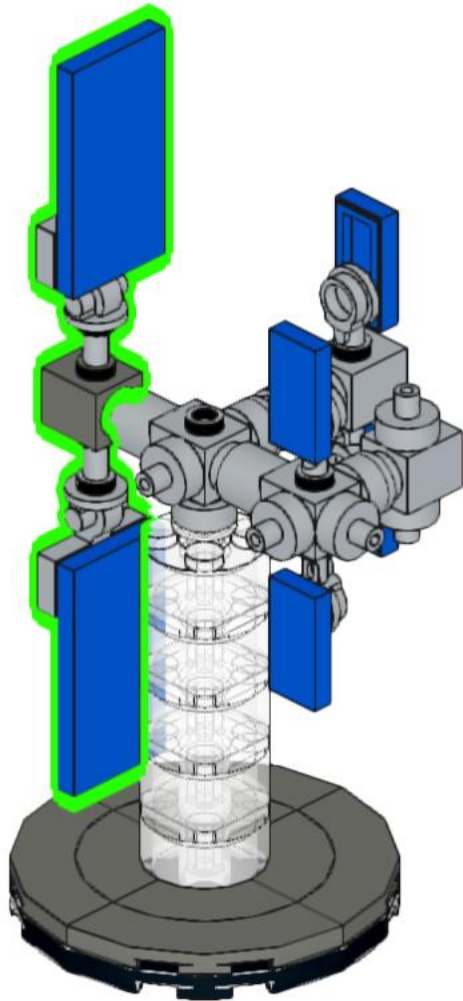
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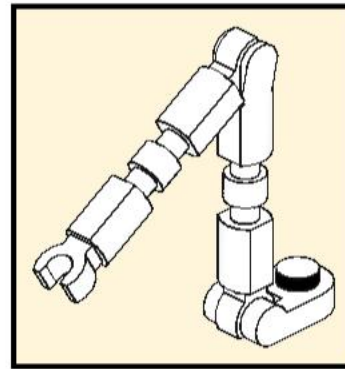
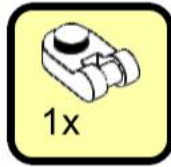
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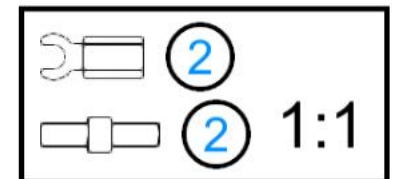
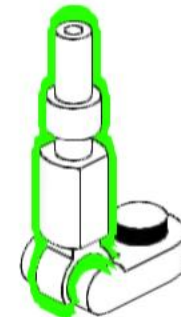
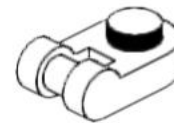
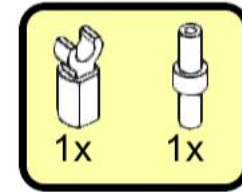
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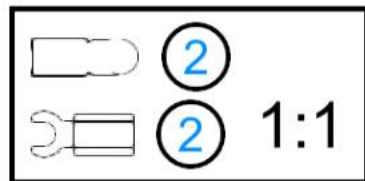
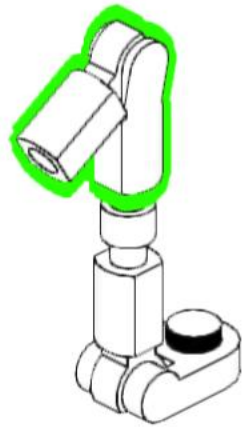
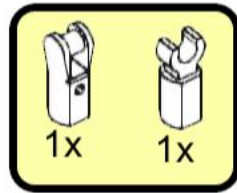
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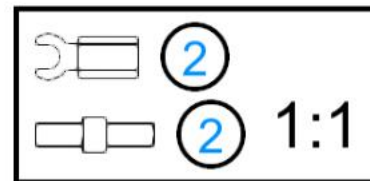
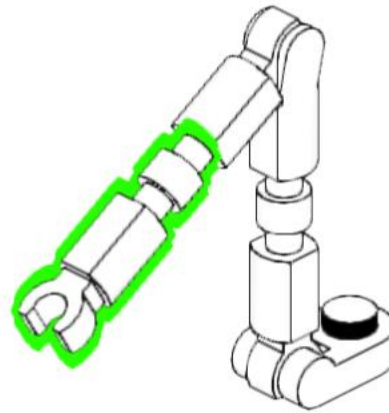
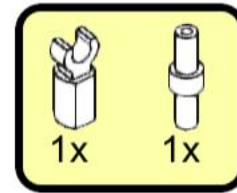
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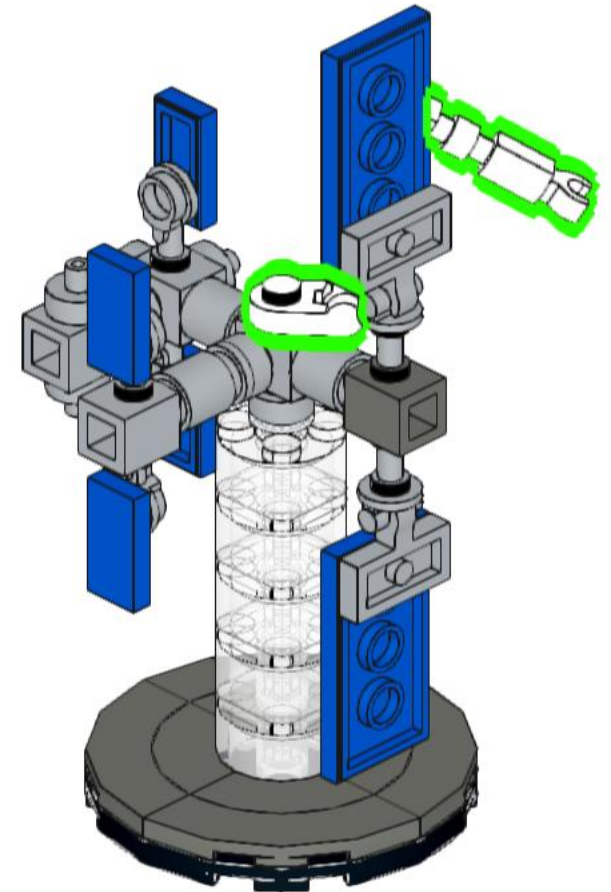
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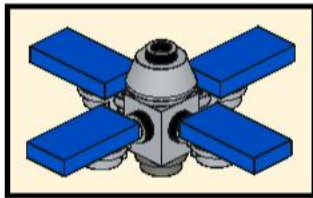
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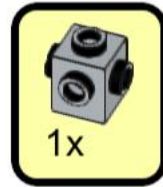
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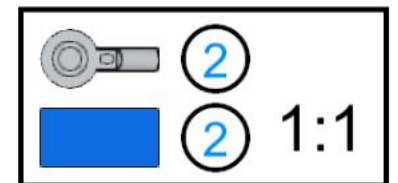
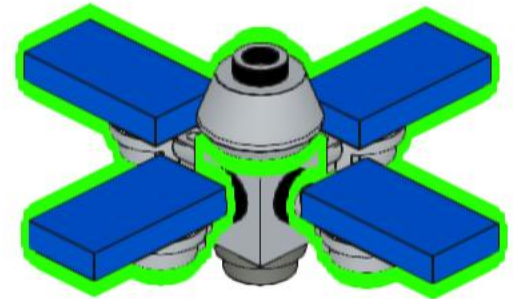
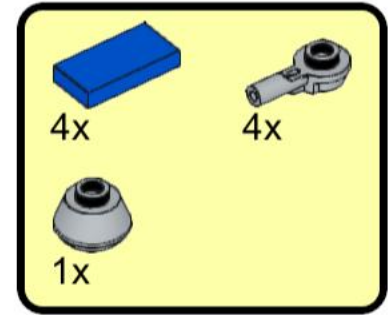
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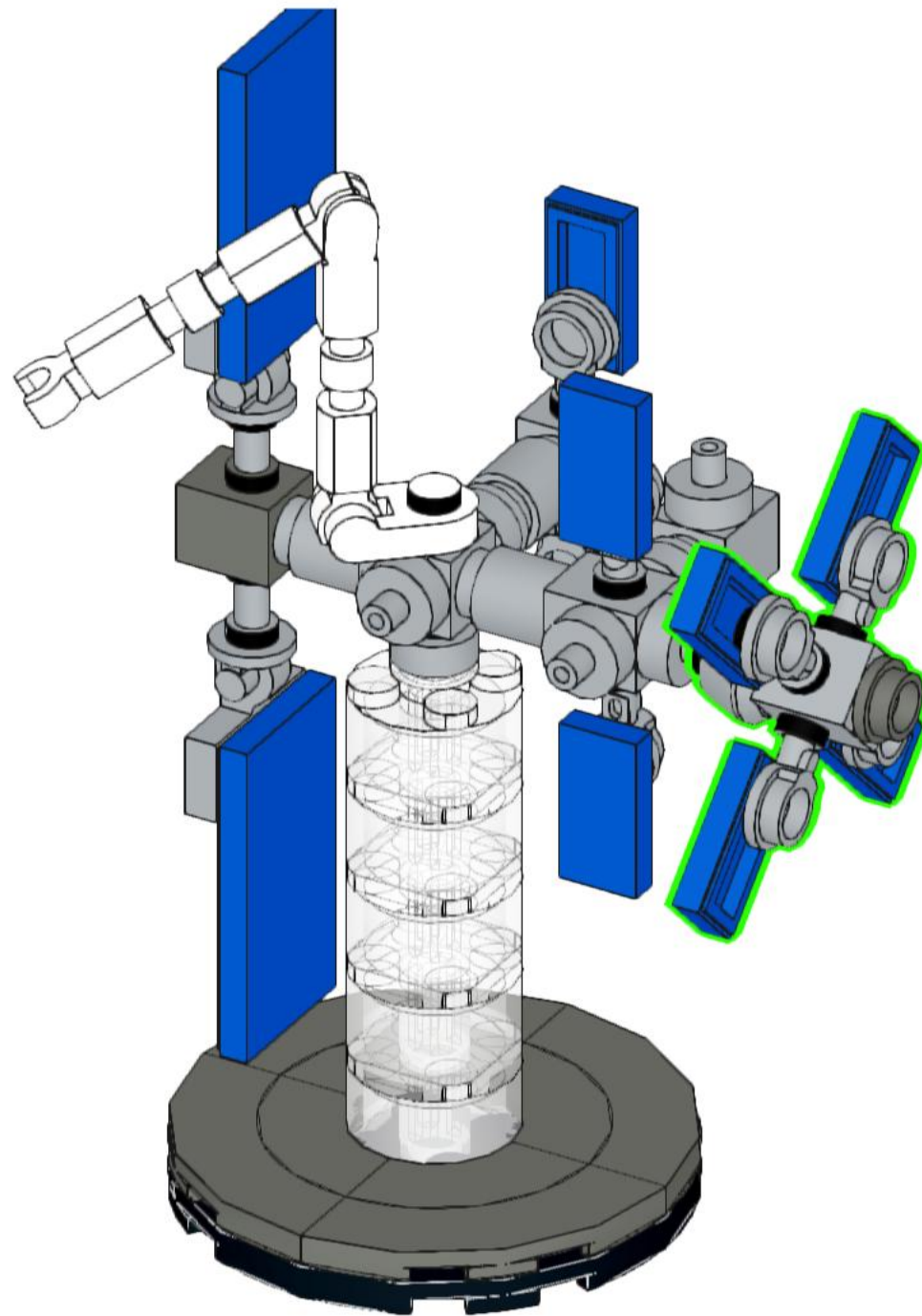
# 32



# 33



34





**Teileliste**

**Bill of Materials**



1x  
11213  
Black



1x  
85861  
Dark Bluish Gray



1x  
47905  
Dark Bluish Gray



4x  
27925  
Dark Bluish Gray



4x  
79393  
Dark Bluish Gray



2x  
85861  
Light Bluish Gray



2x  
25893  
Light Bluish Gray



8x  
20482  
Light Bluish Gray



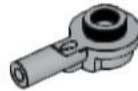
3x  
3062  
Light Bluish Gray



2x  
47905  
Light Bluish Gray



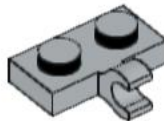
1x  
33492  
Light Bluish Gray



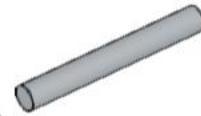
8x  
32828  
Light Bluish Gray



3x  
4733  
Light Bluish Gray



2x  
11476  
Light Bluish Gray



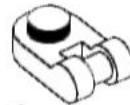
2x  
87994  
Light Bluish Gray



3x  
11090  
White



1x  
23443  
White



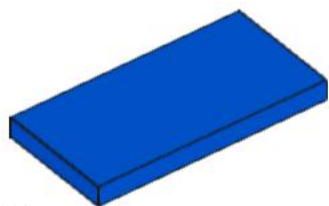
1x  
26047  
White



2x  
78258  
White



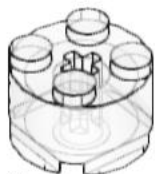
8x  
3069  
Blue



2x  
87079  
Blue



1x  
85861  
Trans-Clear



5x  
3941  
Trans-Clear