

ARTICULATED, MINIFIG-SCALED STAR WARS AT-ST

INSTRUCTIONS MANUAL v3.0

July 2019, gol

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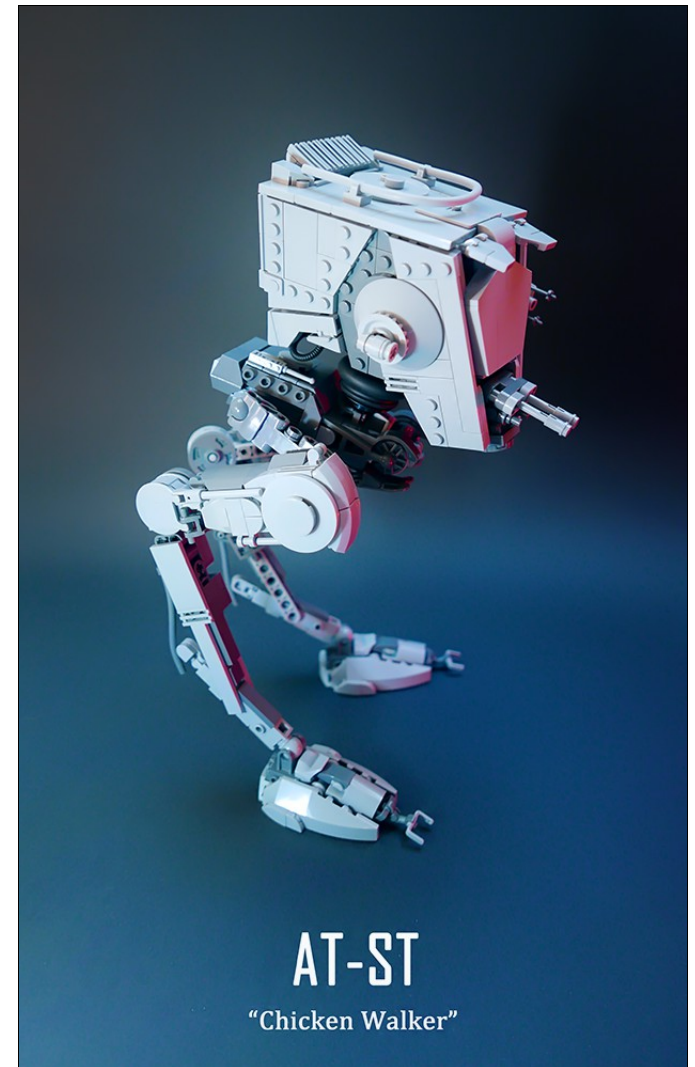
You've just opened the building guide for an articulated, 1:30 (minifig-scaled according to minifig head size, not height) *Star Wars* AT-ST (in its form seen in *Return of the Jedi*). Assembly & pose aren't that straightforward, so please read the whole document carefully.

This is version 3.0 of the model, four years (and thousands of edits) after version 1 started. All versions are significantly different, so if you have a previous version already built, don't expect to be able to recycle that many parts.

Version 3.0 includes instructions for the full AT-ST as well as two types of busts. A bust is less costly, way more stable on a shelf, and can also be a first step before assembling the full-blown version. I do even suggest building some kind of stand in order to assemble the head more easily.

[Hi-res gallery on flickr.](#)

[Forum thread at EuroBricks.](#)



AT-ST

"Chicken Walker"

First thing you need to know, this is a **display model, not a toy**. It just cannot be played with, it will easily crumble if tossed around, and takes quite some time to pose. In other words: not kidproof, at all (but that's the price to pay for a better look and full articulation).

Previous versions were available as LXF files, but due to the alarmingly increasing amount of missing parts in the Lego Digital Designer, I decided to switch to BrickLink Studio (even though I still work in the LDD). Only version 2.5 is still provided as LXF files, for legacy reasons. Furthermore, BrickLink Studio allows for professional instructions, which this document is.

Throughout the instructions, parts in “glow in the dark green” are hidden parts and thus can be **ANY** color.

Included files

- **AT-ST_3.0.io** : the main BrickLink Studio project file, the one that was used to generate these instructions.
- **AT-ST_3.0_Extras.io** : alternate components, busts, display stand.

Note: the Rebrickable part list is for AT-ST_3.0.io, nothing more.

The model is heavy & there is quite some weight on the ball-jointed parts, so **I strongly suggest using brand new ones**. Do not substitute the 3-parts hip bars for longer single-part ones, you need high-friction there. The model **does** stand on its legs well enough, despite the problematic hip bars. If you really want safety, instructions for a display stand are also included. If posed carefully however, it is not gonna fall down. Posing the body is not straightforward and may take you quite some time. See the posing tips further in this guide.

Additional notes:

- It may take you several attempts to wrap the “mantle” around the body, as it is a little fragile. You may preattach the front joints of the mantle before wrapping it around the structure.
- To rotate the assembled head, pinch it using 2 fingers on the 2x4 tiles on the side plates, so that you transfer the energy directly to the hinges, and indirectly to the head's ball-joint. Anywhere else and you may crush the side plates.
- You will notice a heavy usage of 2x2 round plates and 1x1 hollow round plates in hidden areas, this is in order to reduce the weight of the head a little. You may of course substitute them, the weight difference is not that important.

How to pose it

First, place the legs/body in a pose you're happy with. While the legs will stand on their own as you pose them, they of course won't hold when the head will be on them (head is easily detachable, on purpose).

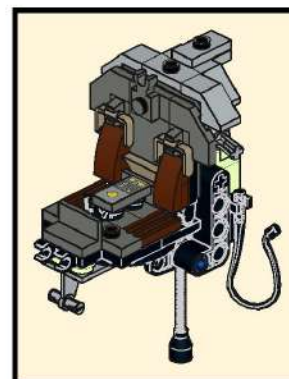
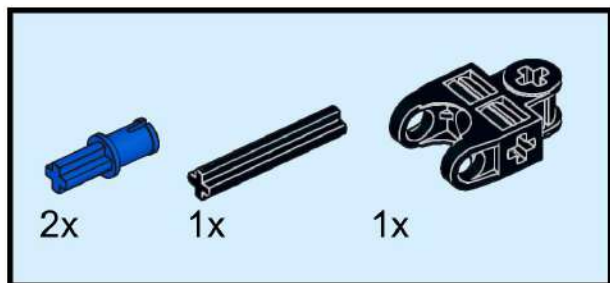
Place a finger of the left hand on the black parts under the body (don't knock off the whips), and attach the head using the right hand (hold the head from the sides where the Mixel ball joints are, do not press outside those large side plates, it's not solid enough). Rotate the head as you wish. **Keep holding the head in your right hand.** Now, place 2 fingers of the left hand on the 2 slope parts right next to the ball-joints of the feet, and **hold the feet in place**. You're now able to move the head (& thus the body & legs) back & forth, while the feet joints will follow. "Find" the center of gravity, you will feel the right spot when the head won't want to fall to the front or the back too much. It doesn't have to be that precise, there is enough friction on the feet's ball-joints to be slightly off, but it has to be more or less aligned with the center of gravity.

Extras

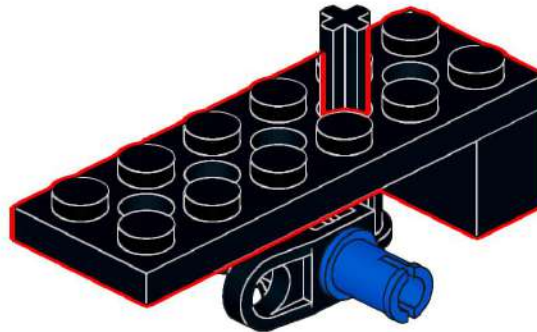
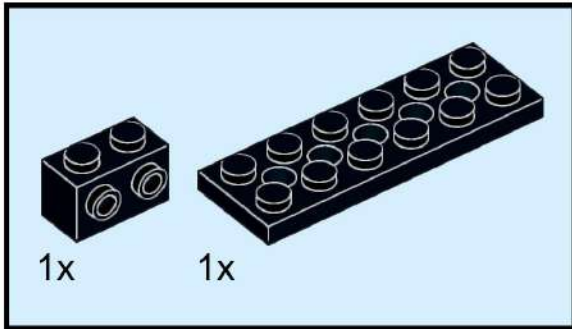
AT-ST_3.0_Extras.io contains:

- An alternate roof (the one from v2.5) that doesn't look as good but, unlike the flat one, is easily removable.
- Alternate, large (& way cheaper) dishes, more like the ones of the AT-ST as seen on *Hoth*.
- 3 types of pedestals for the bust version.
- A display stand (that you may have to adjust according to the pose of the AT-ST) that attaches to the half bit of axle under the body.

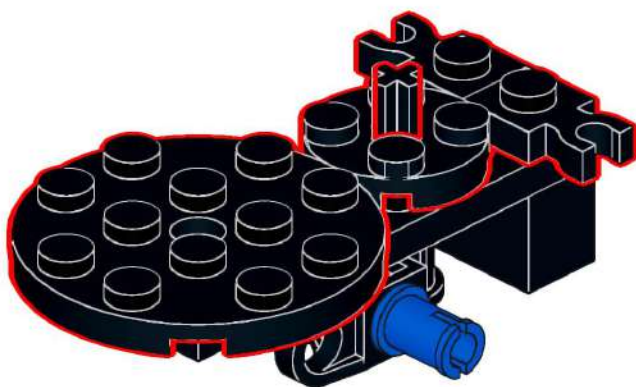
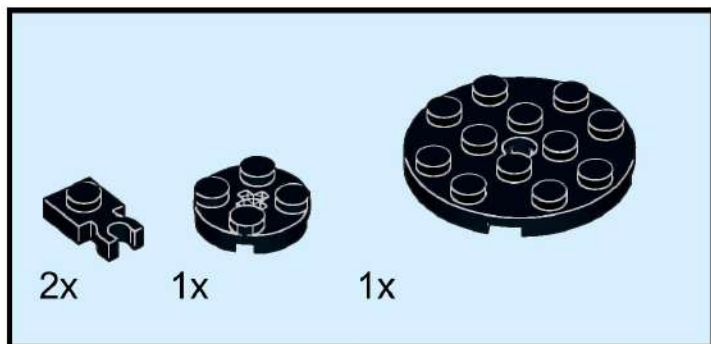
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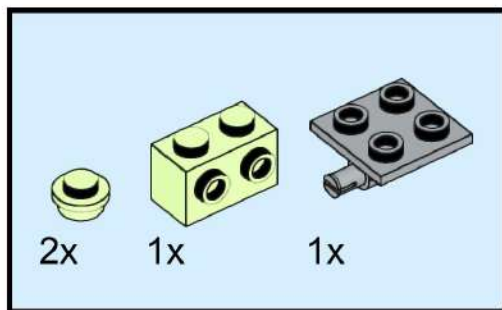
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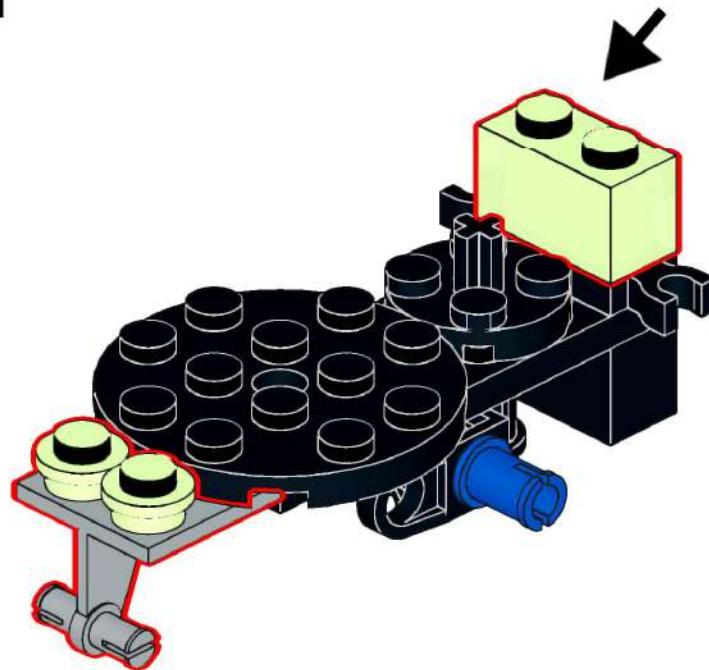
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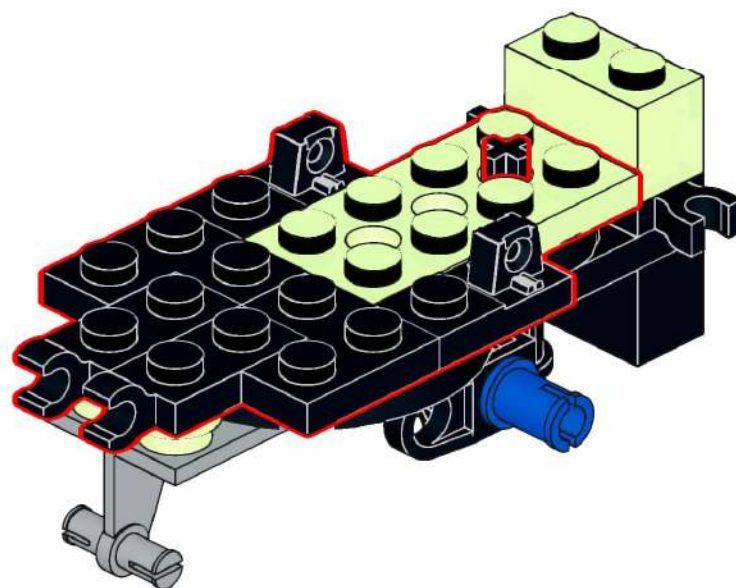
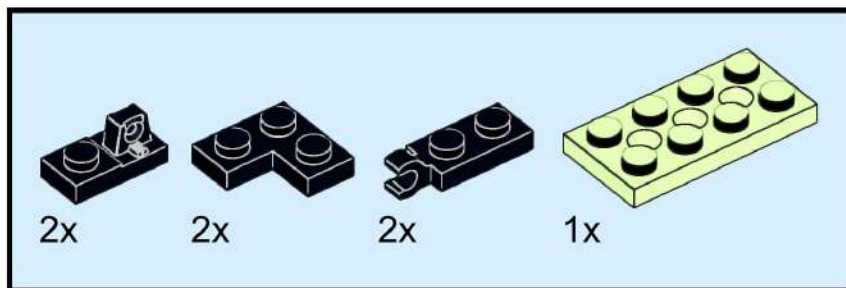
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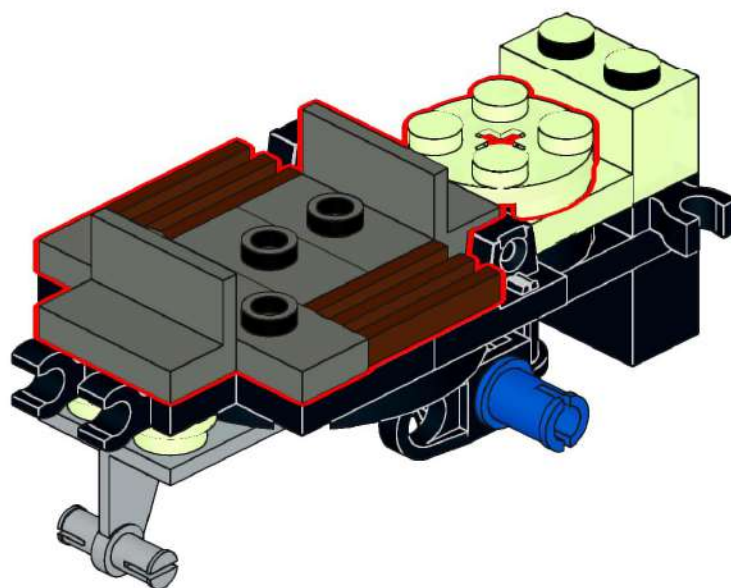
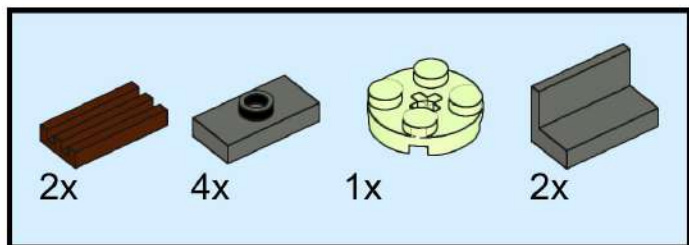
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and can be any color.
Recycle or pick the
cheapest!



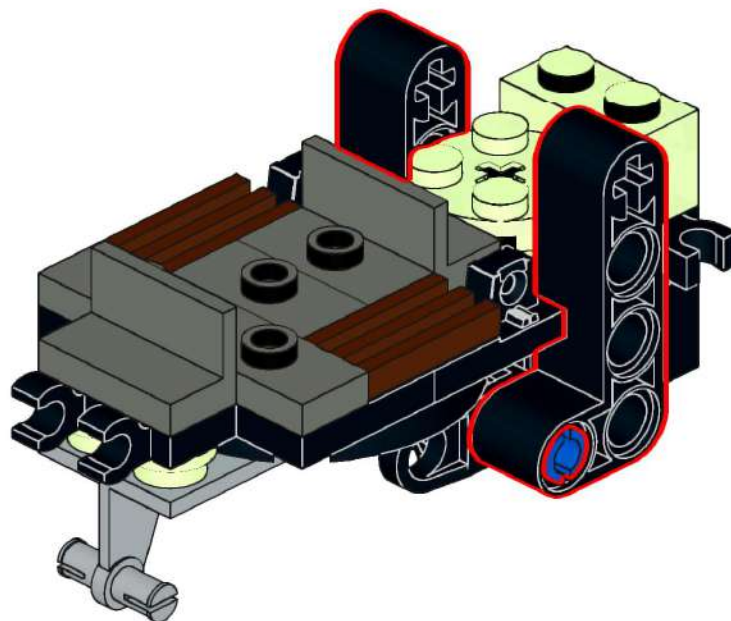
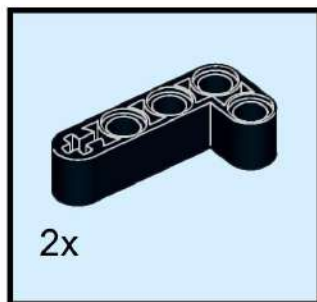
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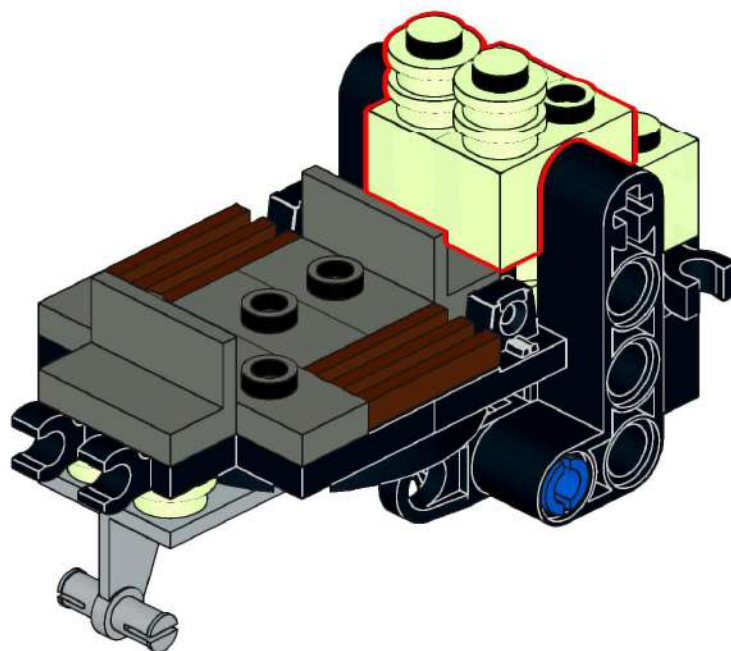
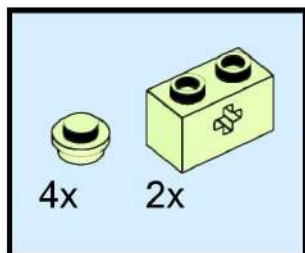
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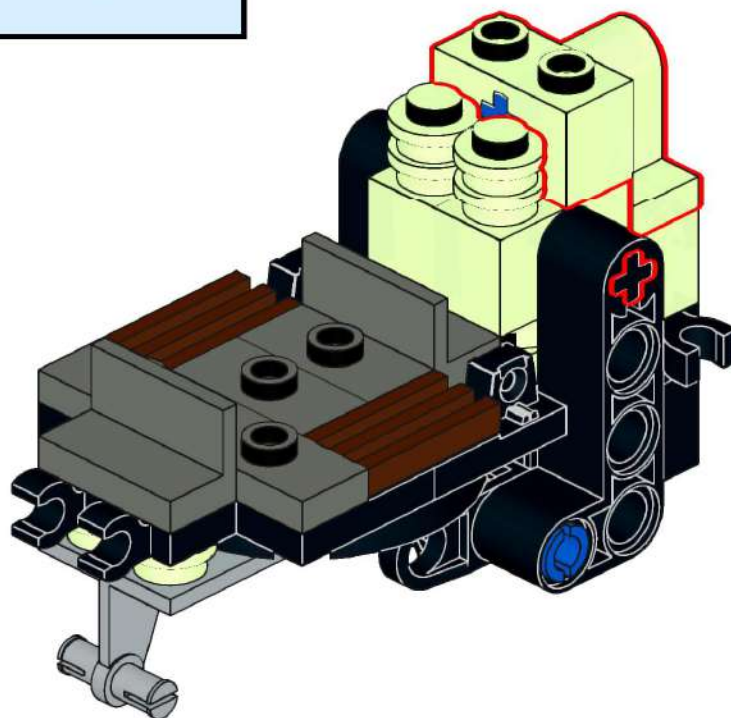
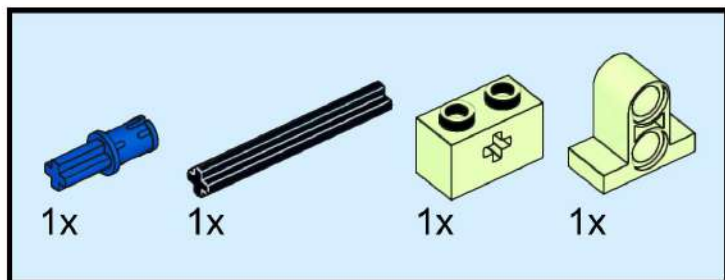
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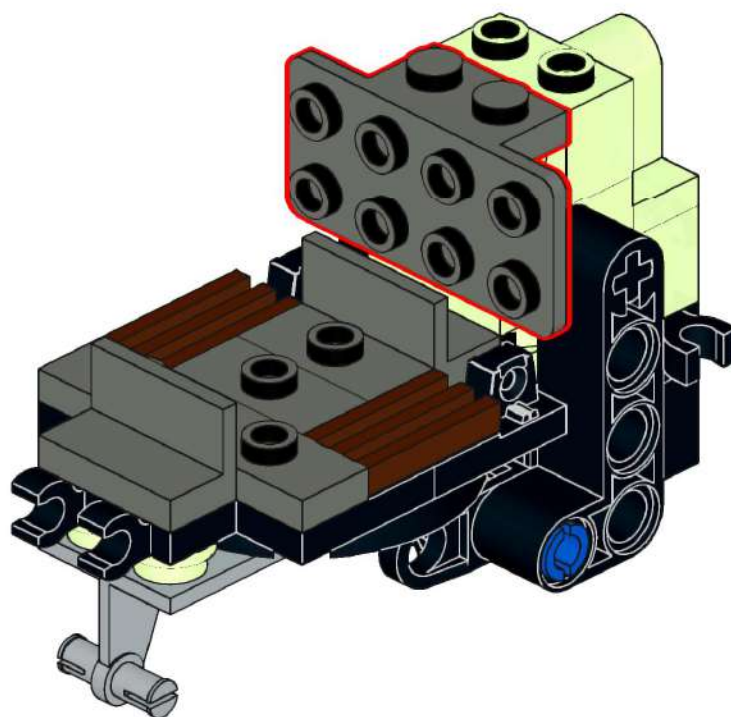
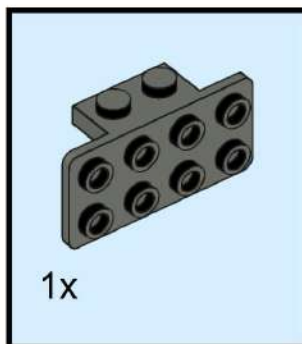
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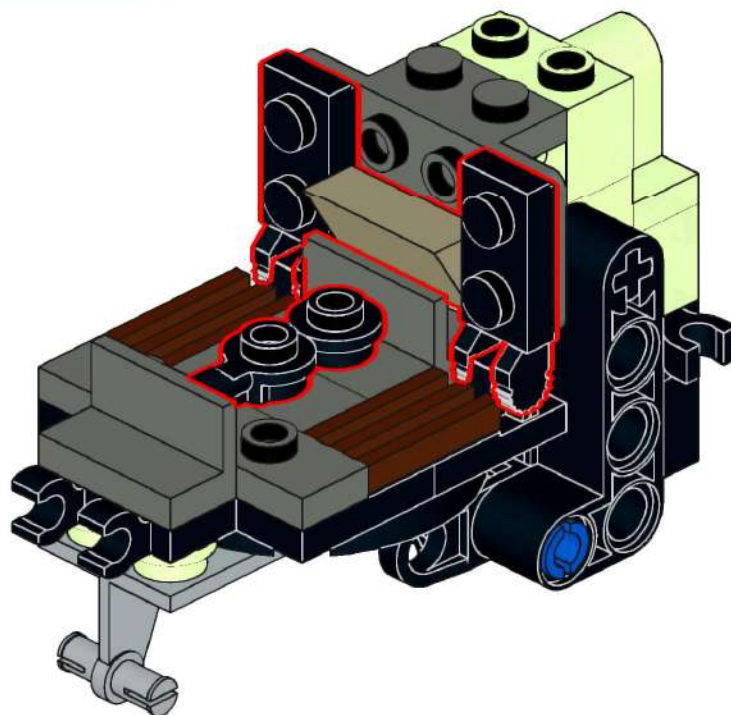
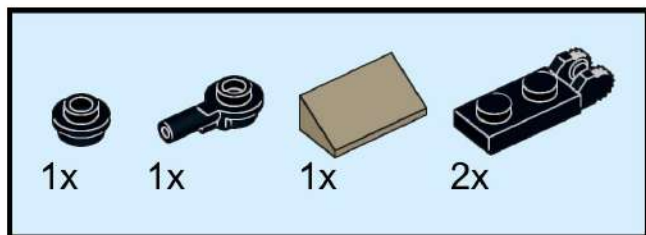
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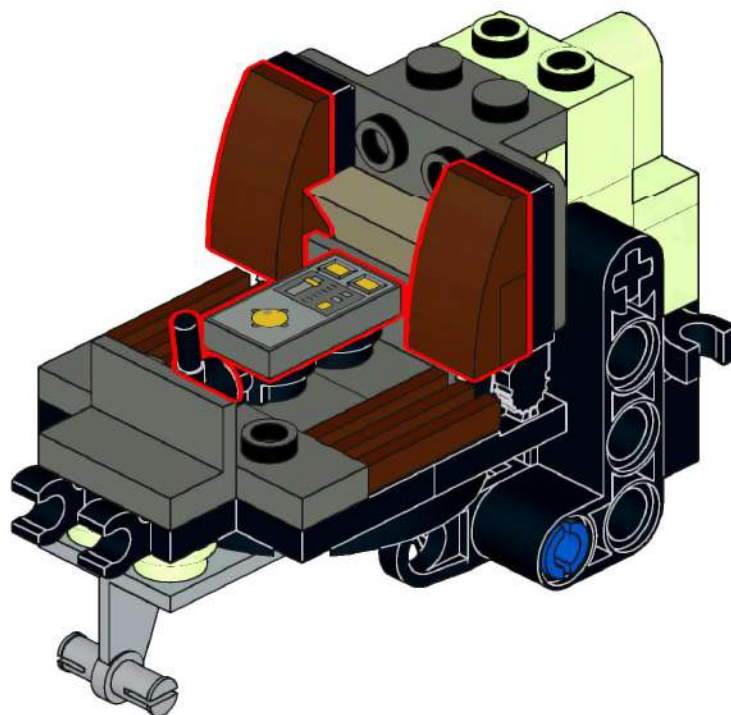
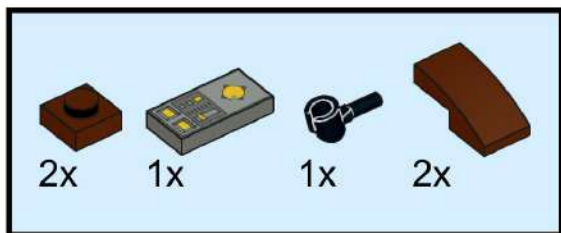
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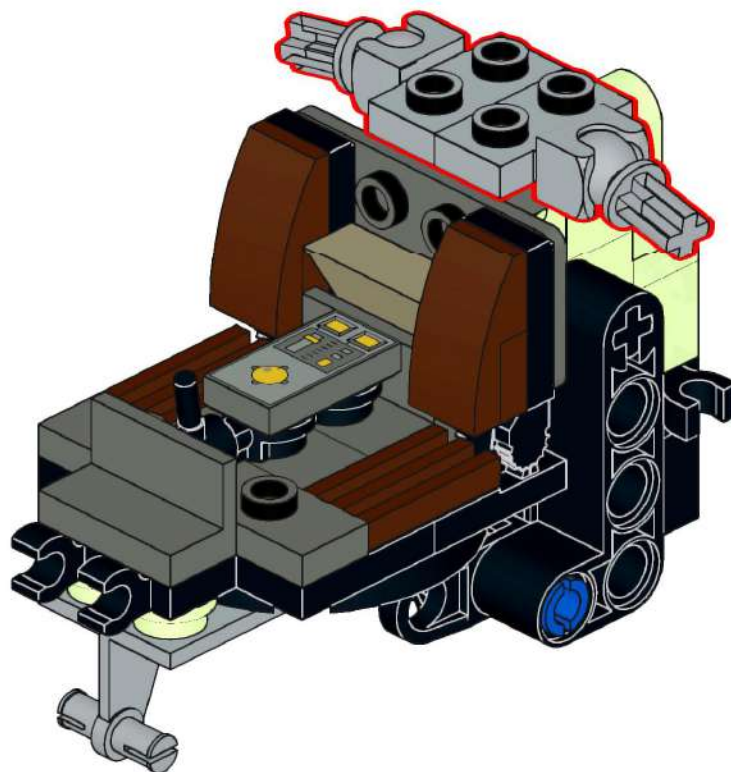
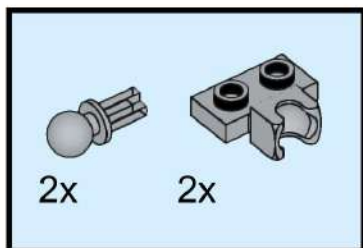
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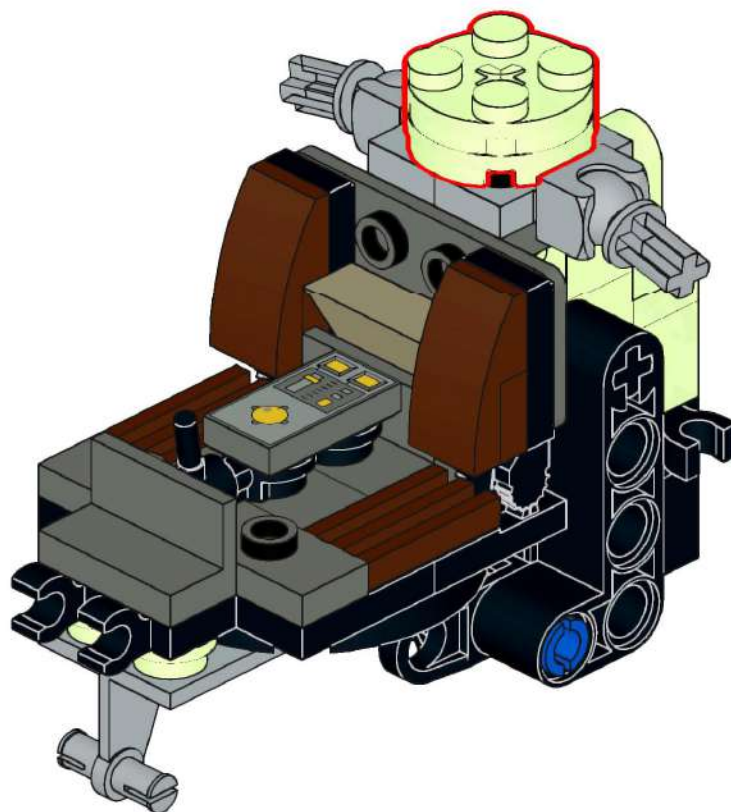
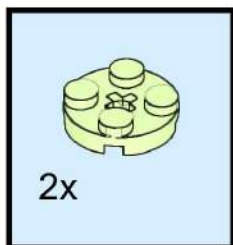
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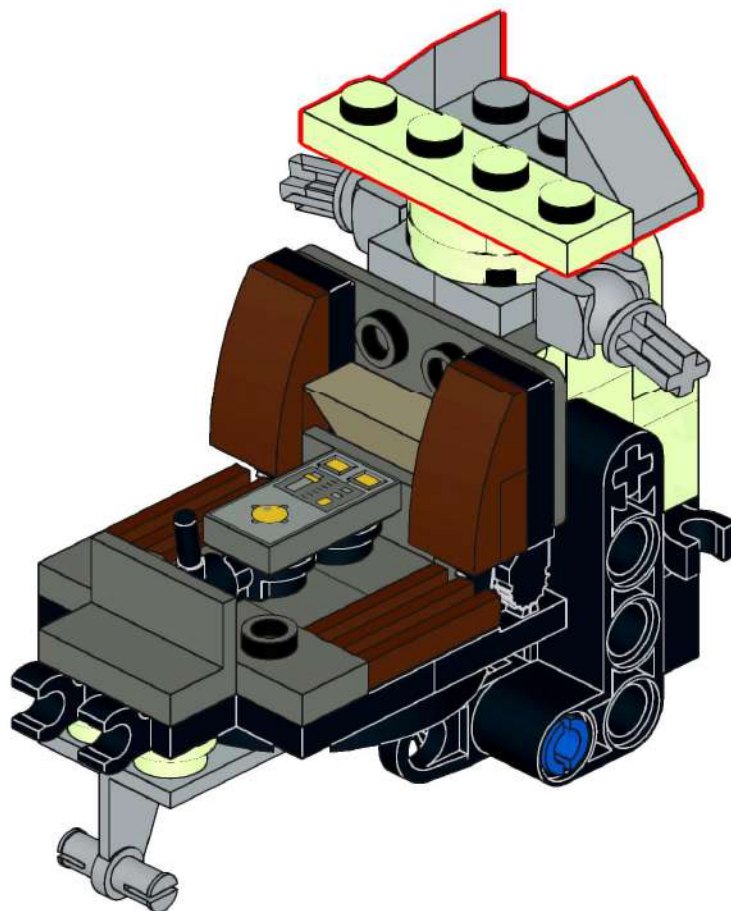
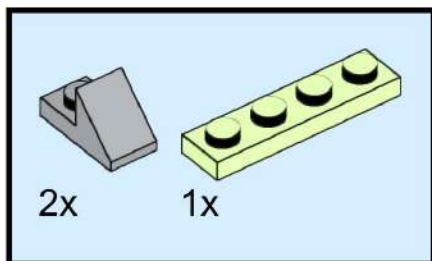
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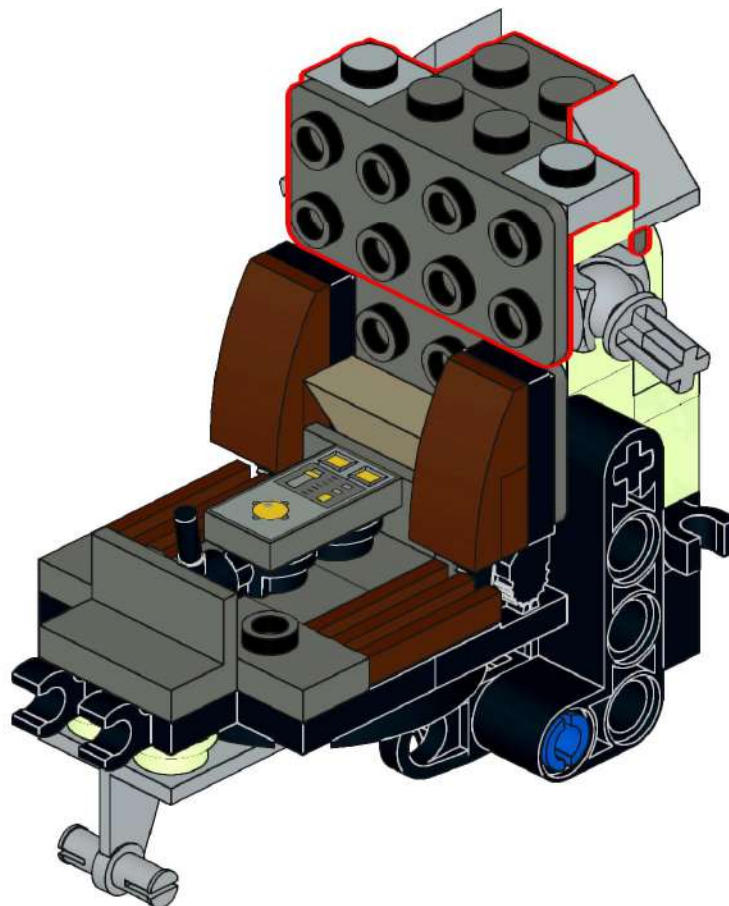
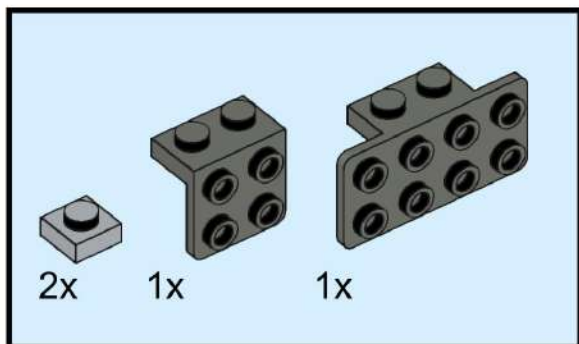
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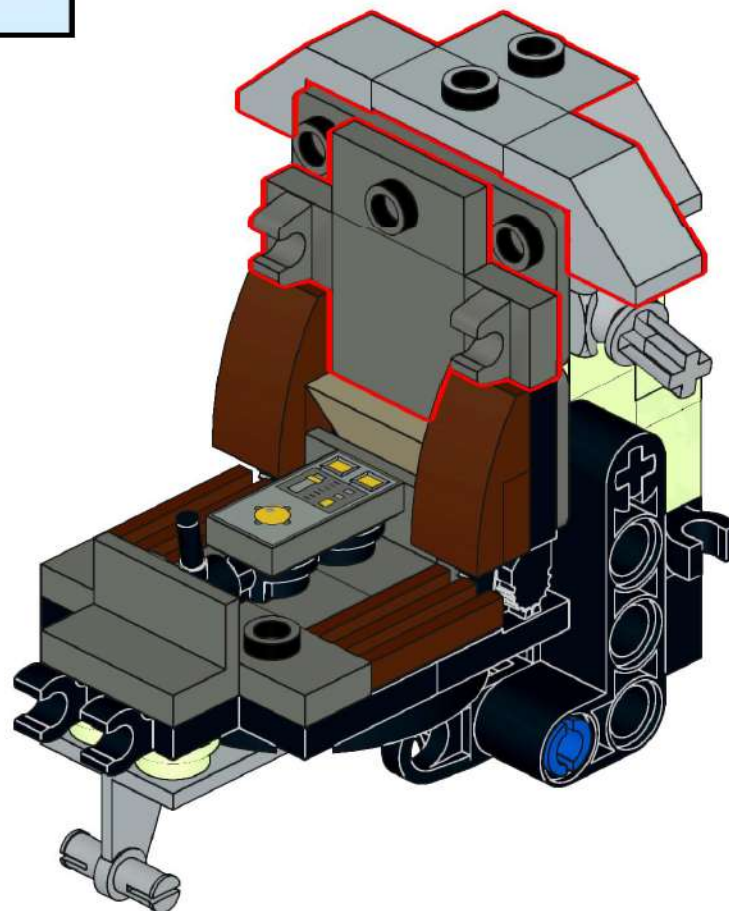
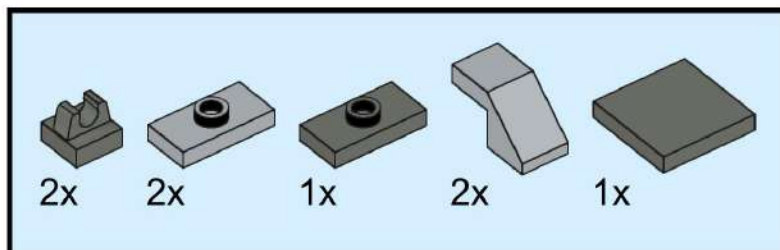
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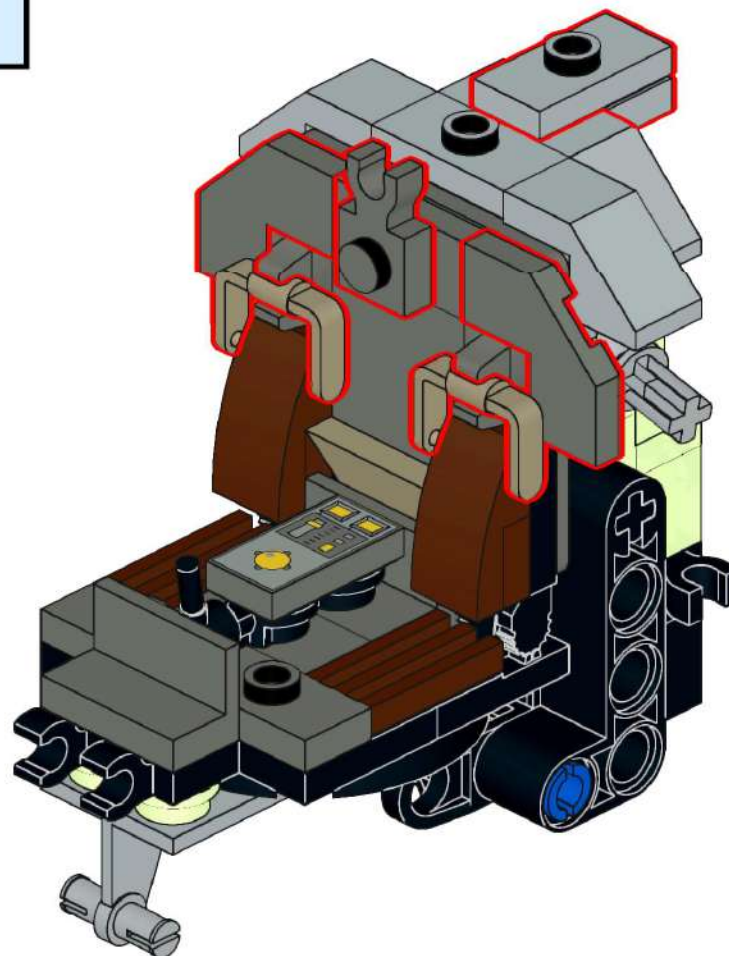
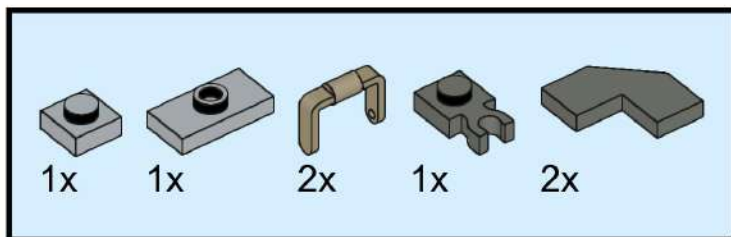
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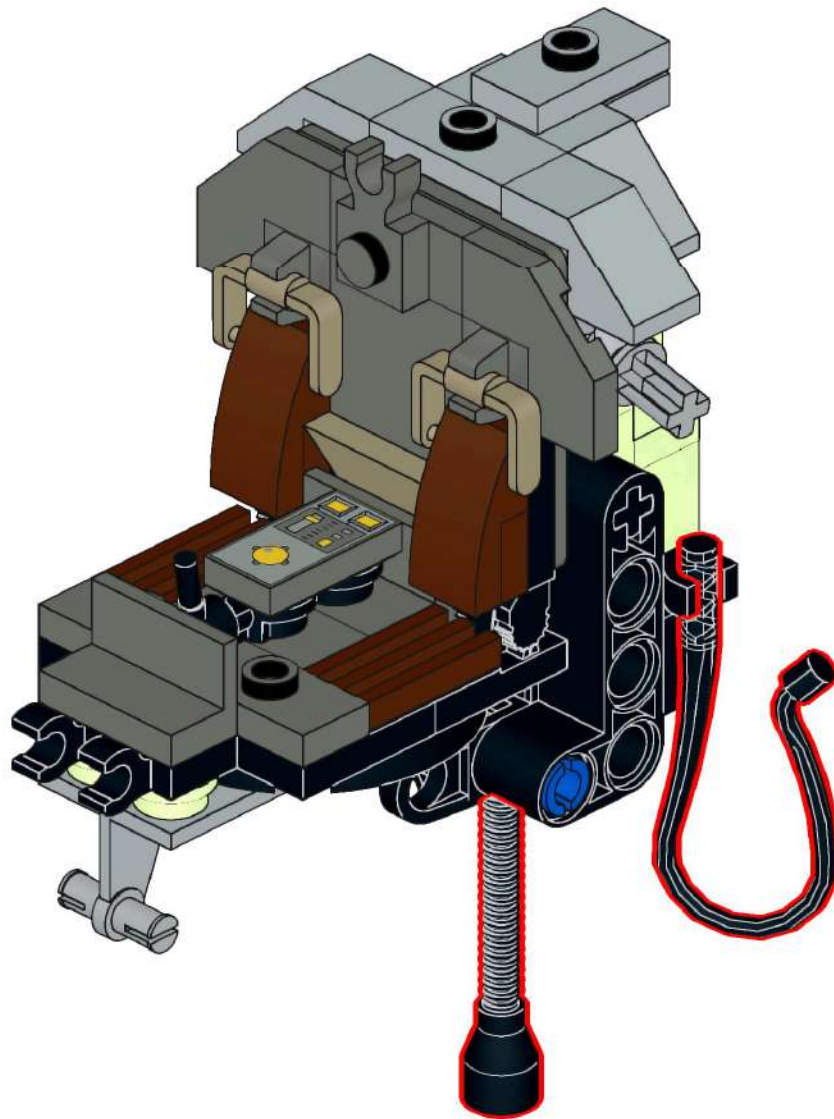
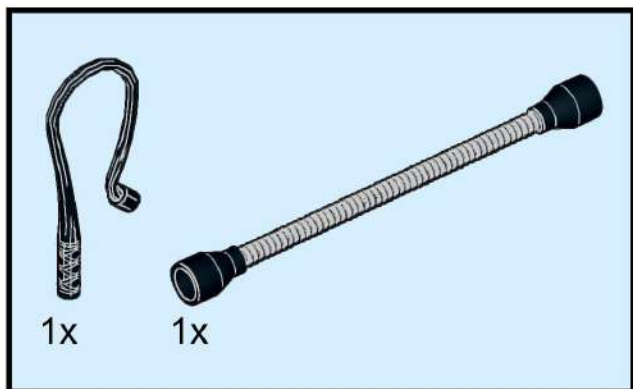
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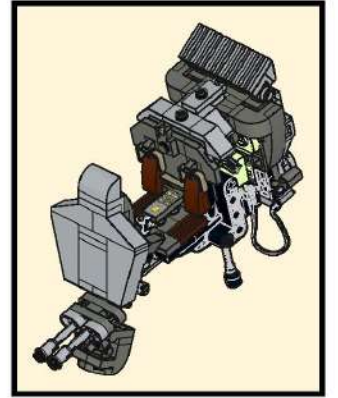
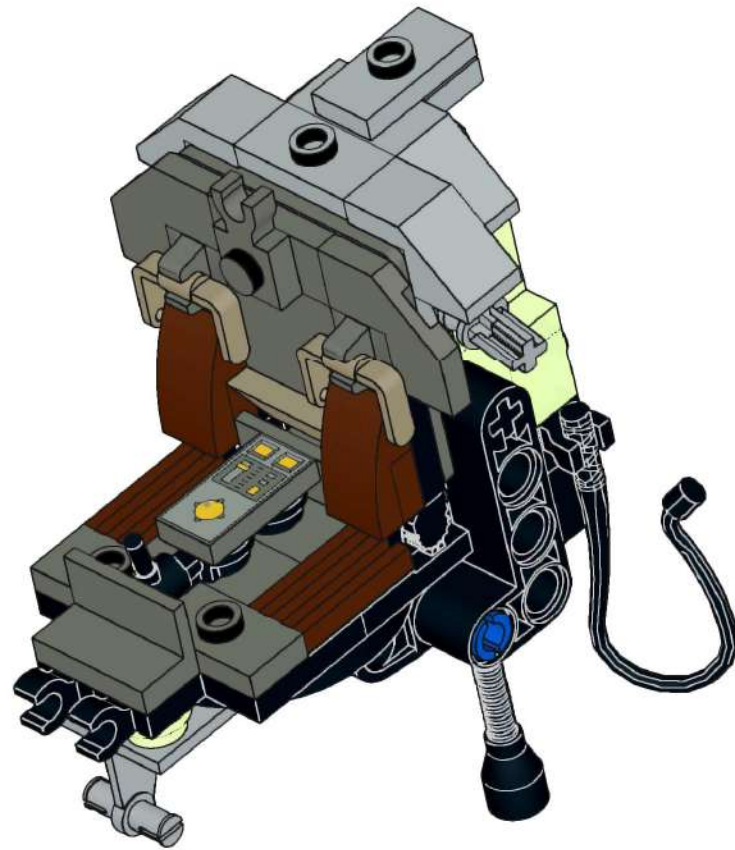
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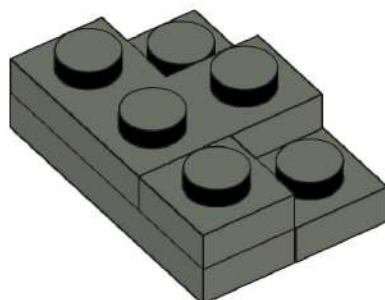
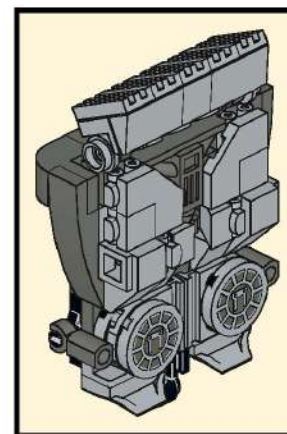
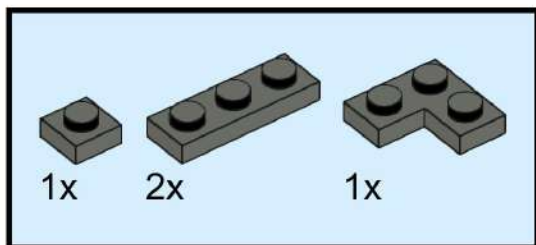
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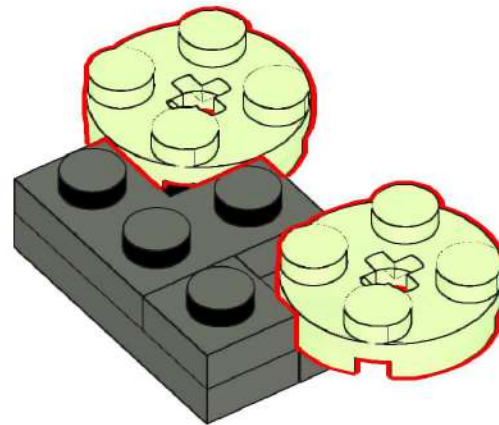
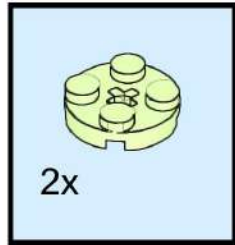
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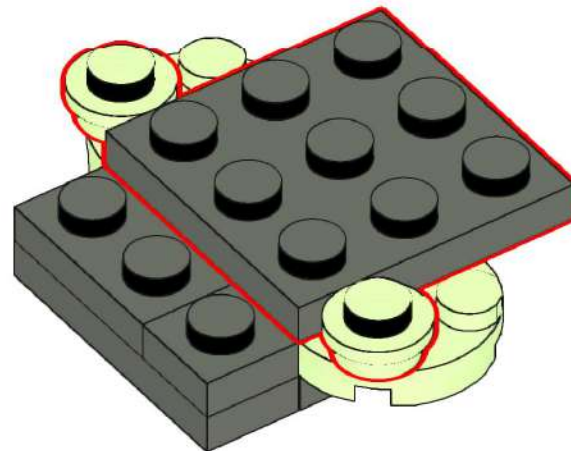
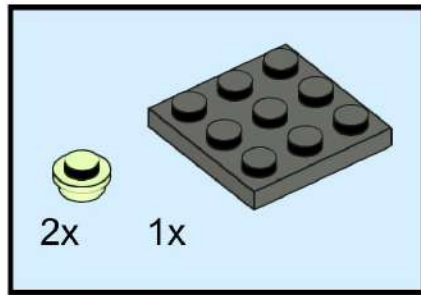
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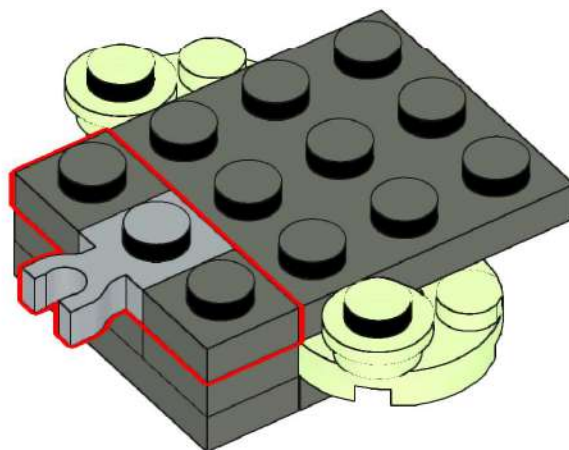
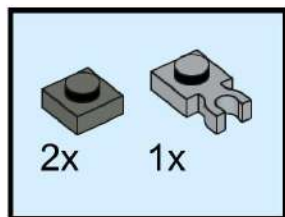
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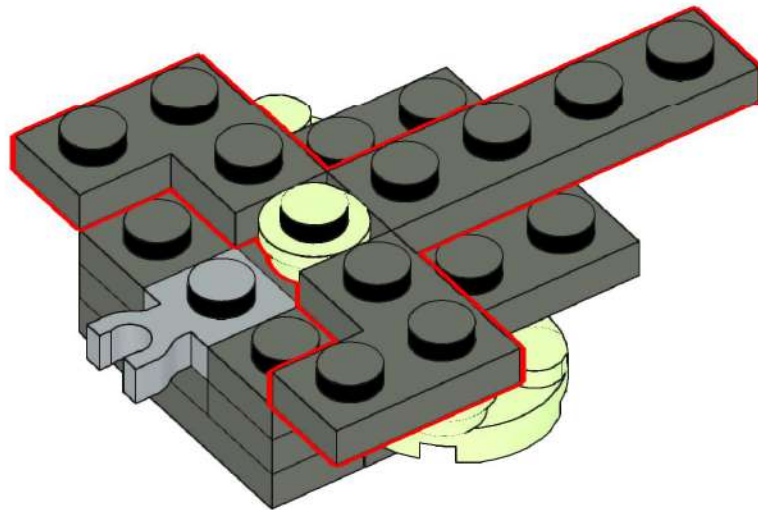
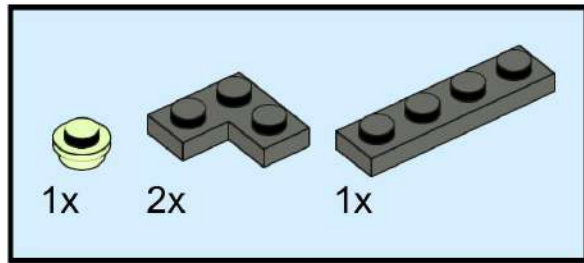
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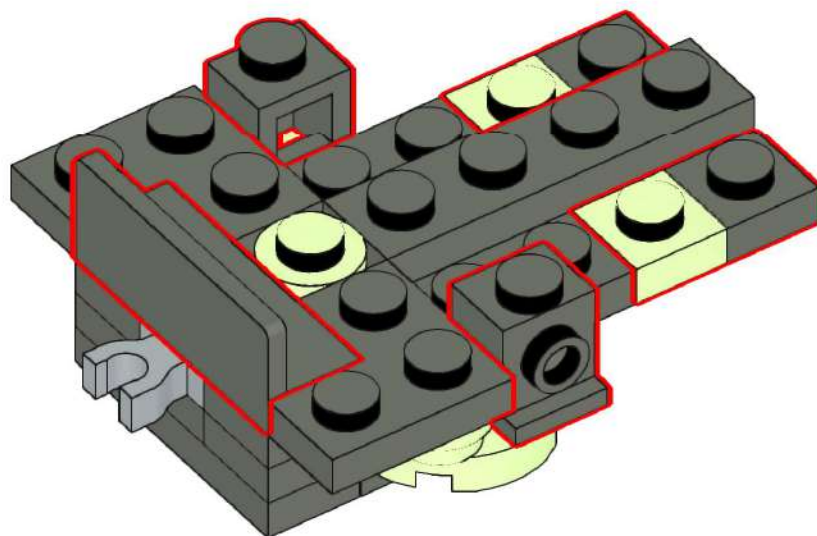
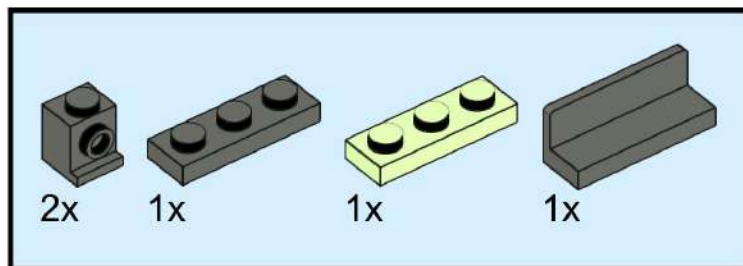
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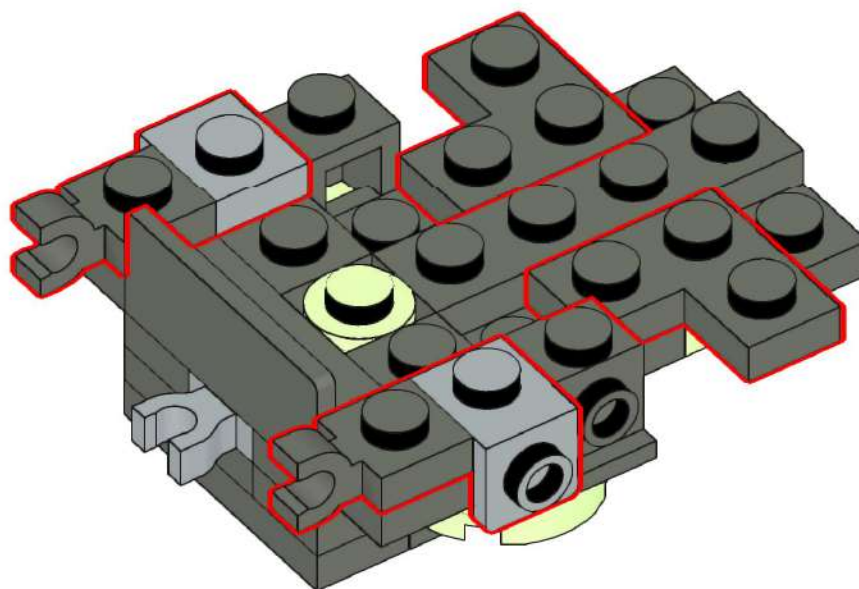
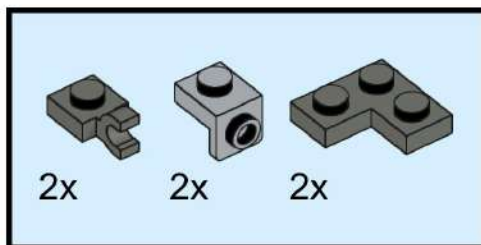
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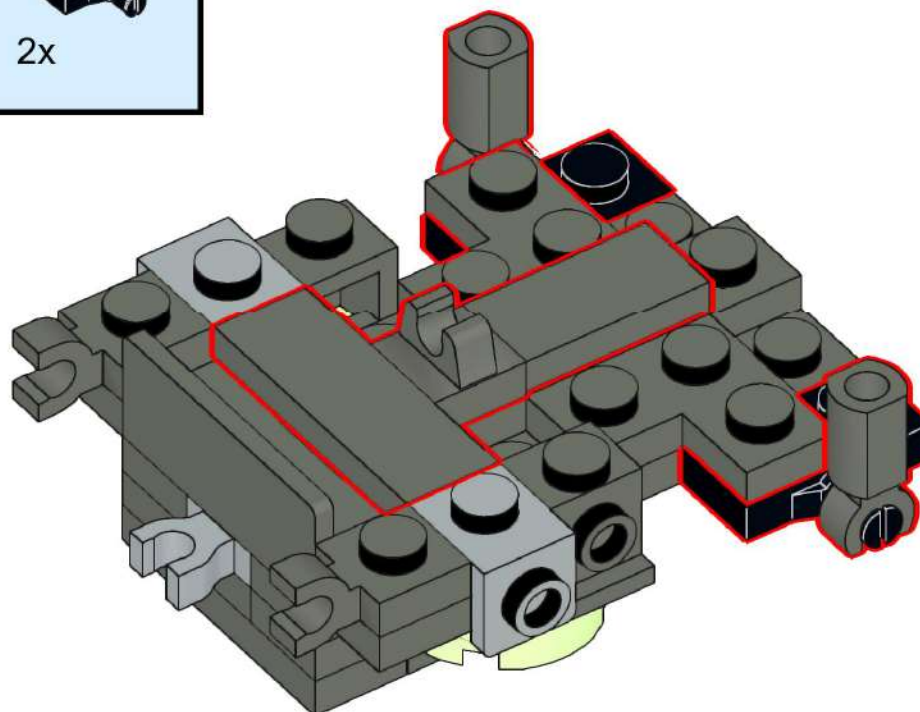
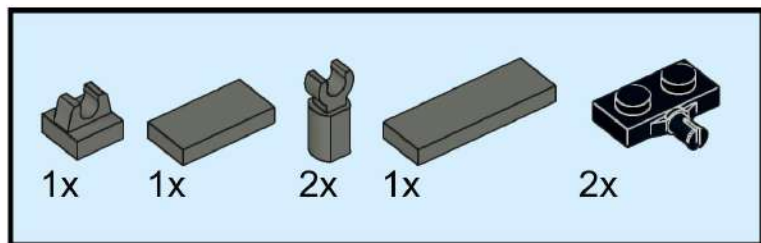
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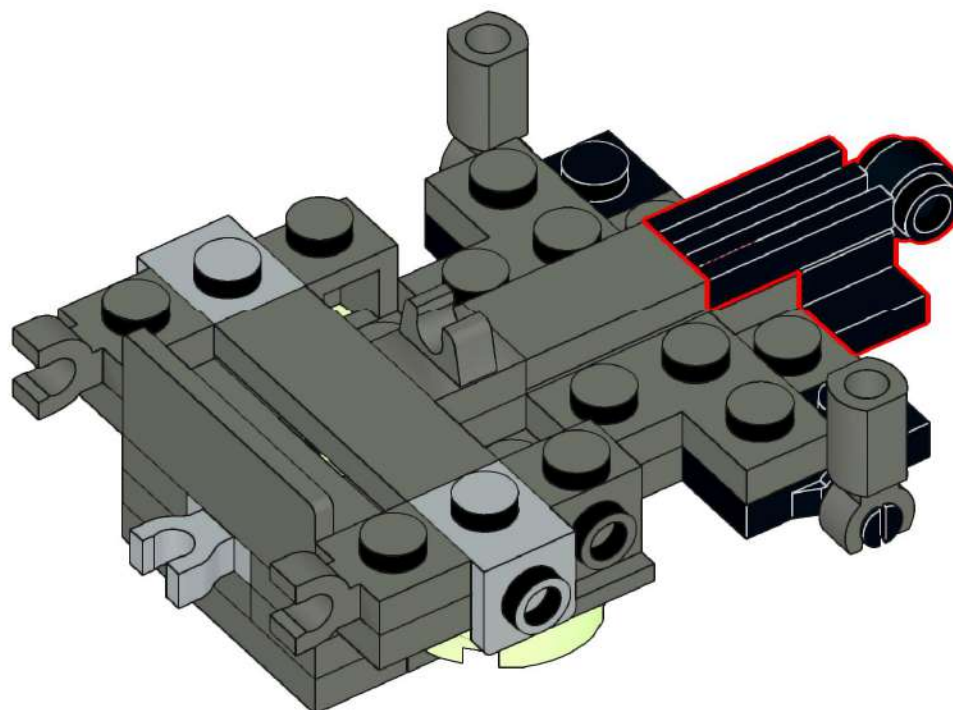
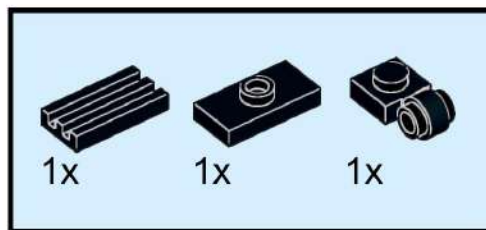
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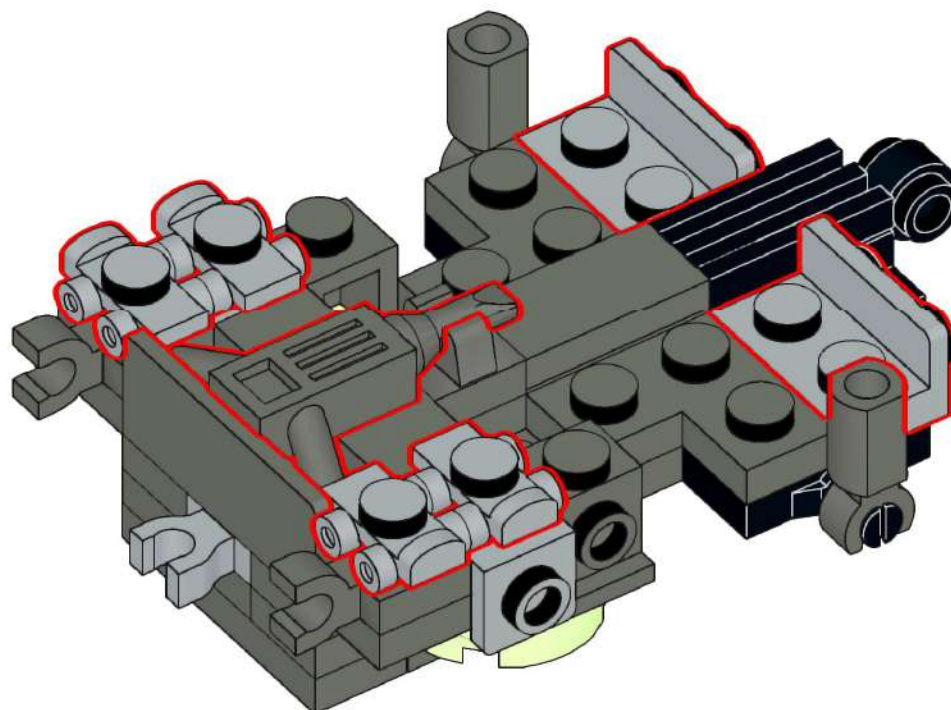
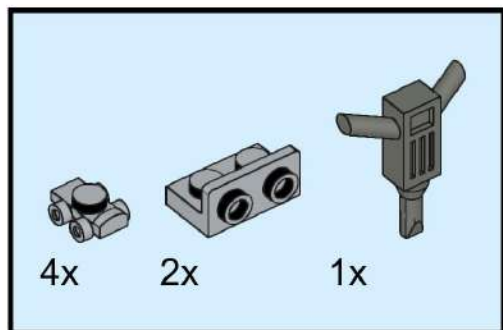
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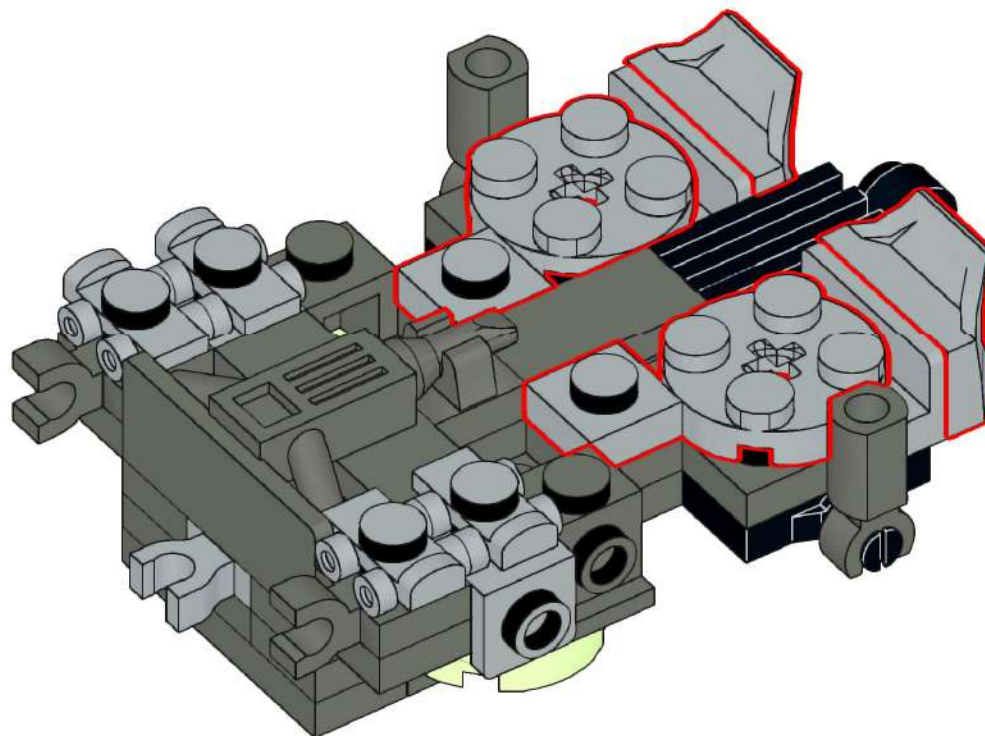
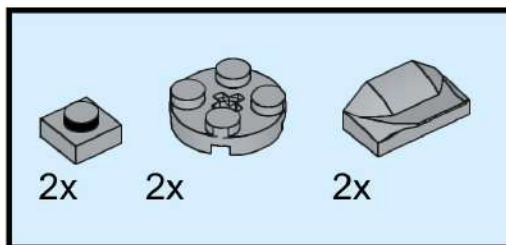
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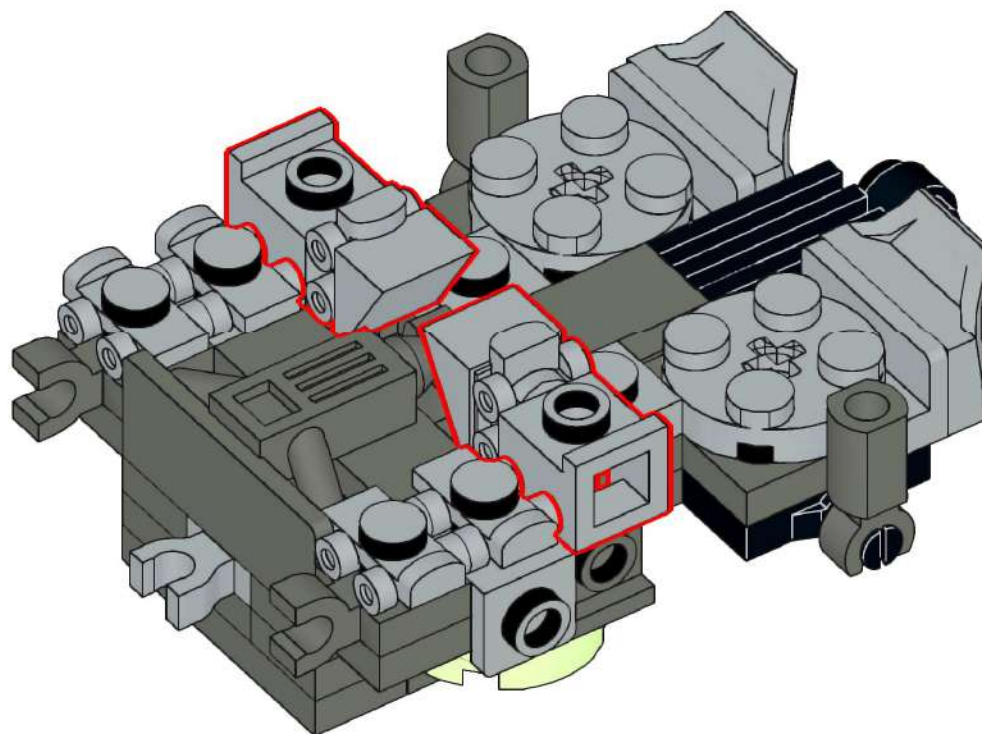
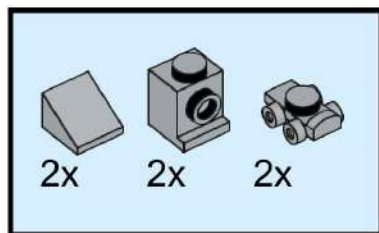
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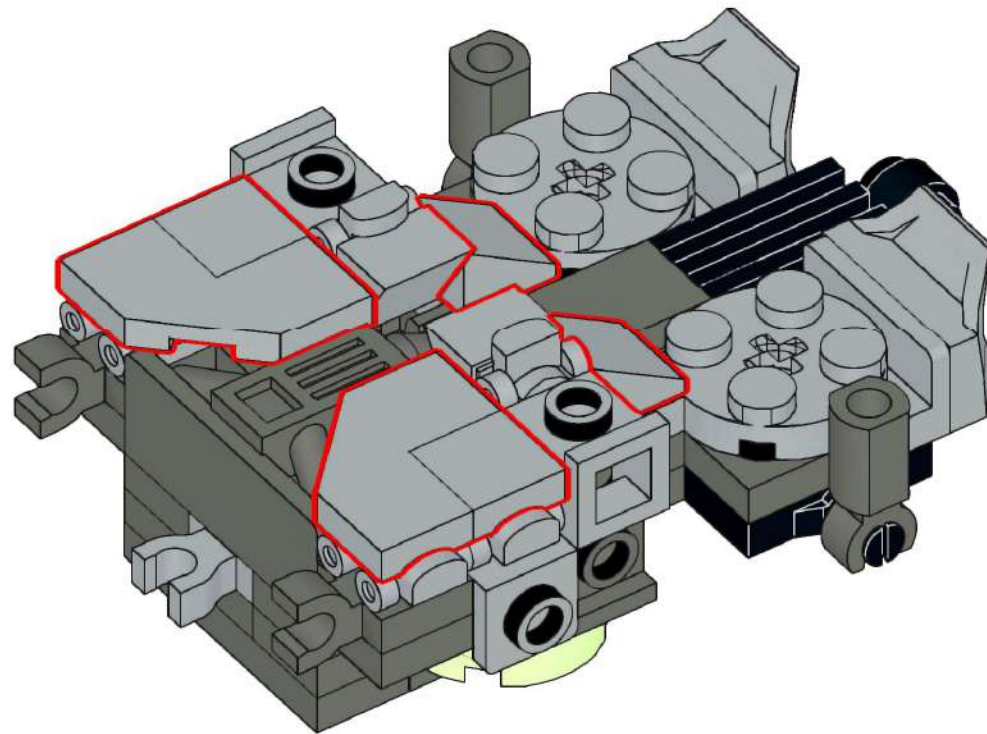
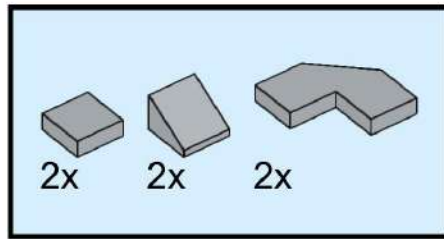
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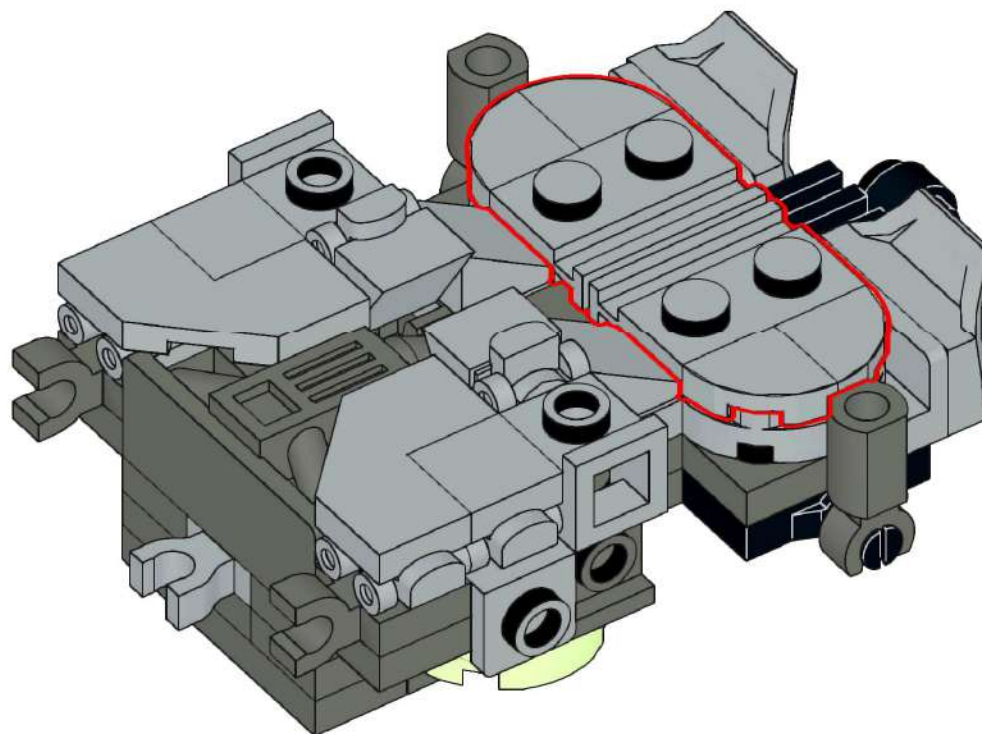
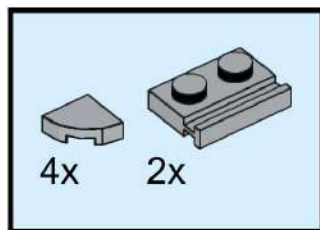
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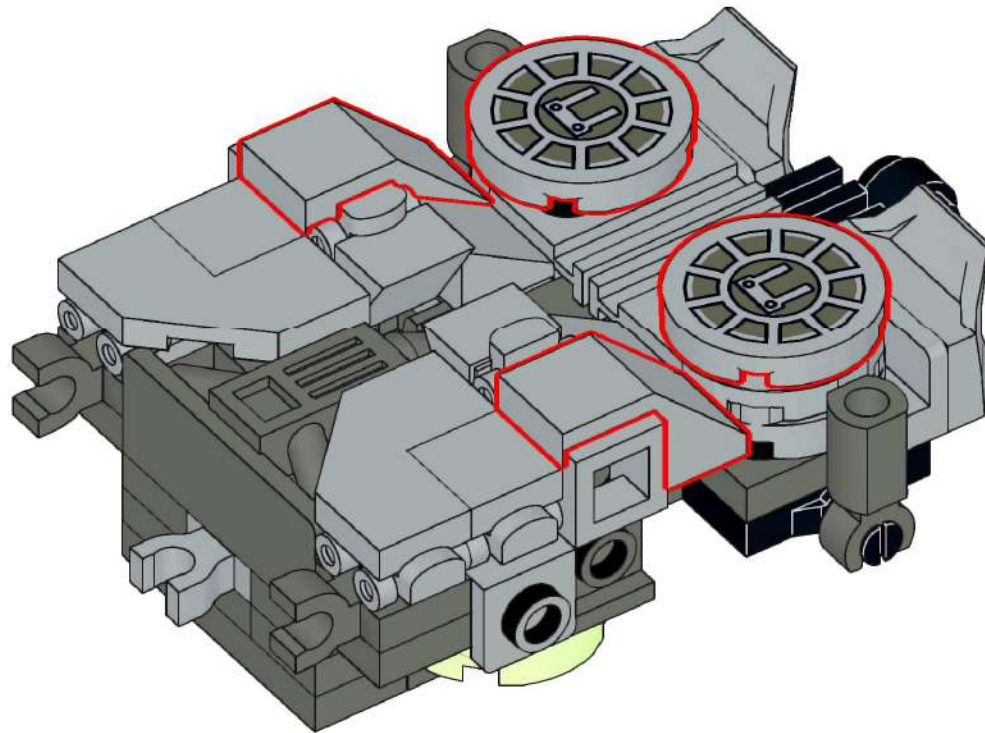
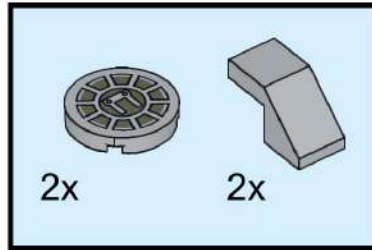
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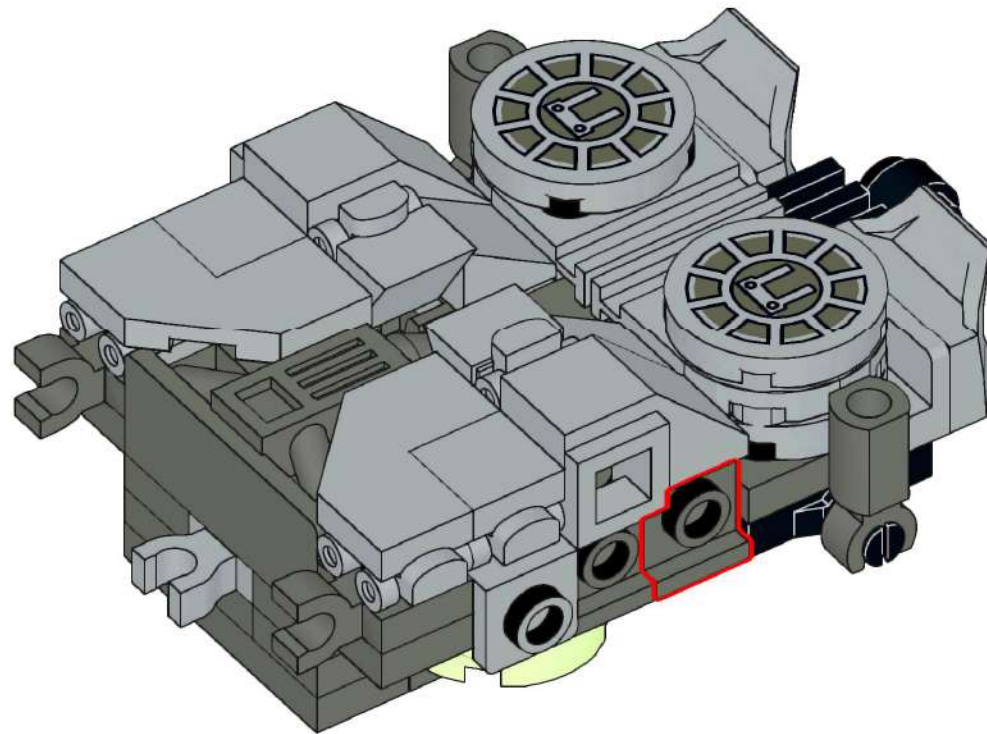
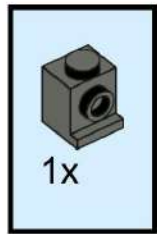
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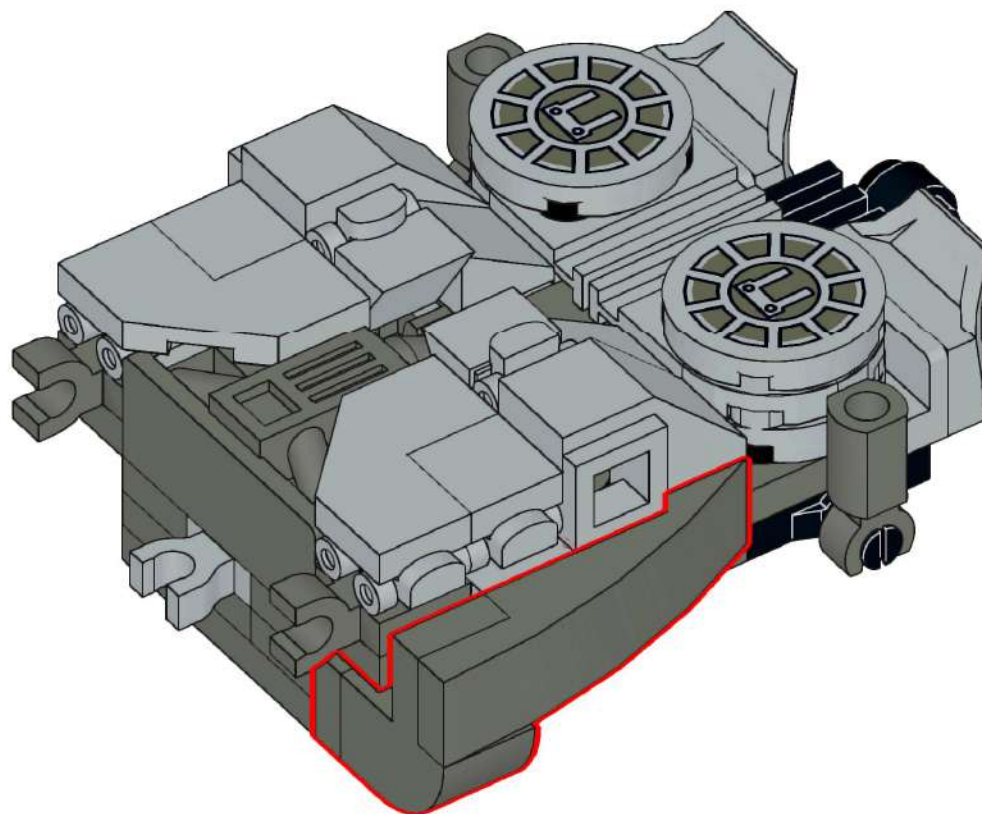
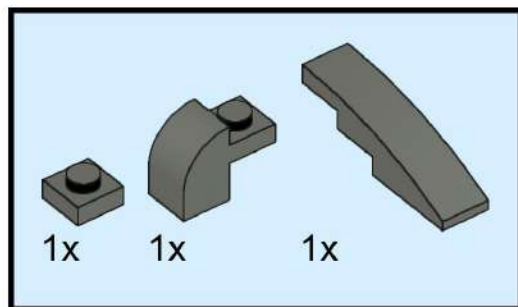
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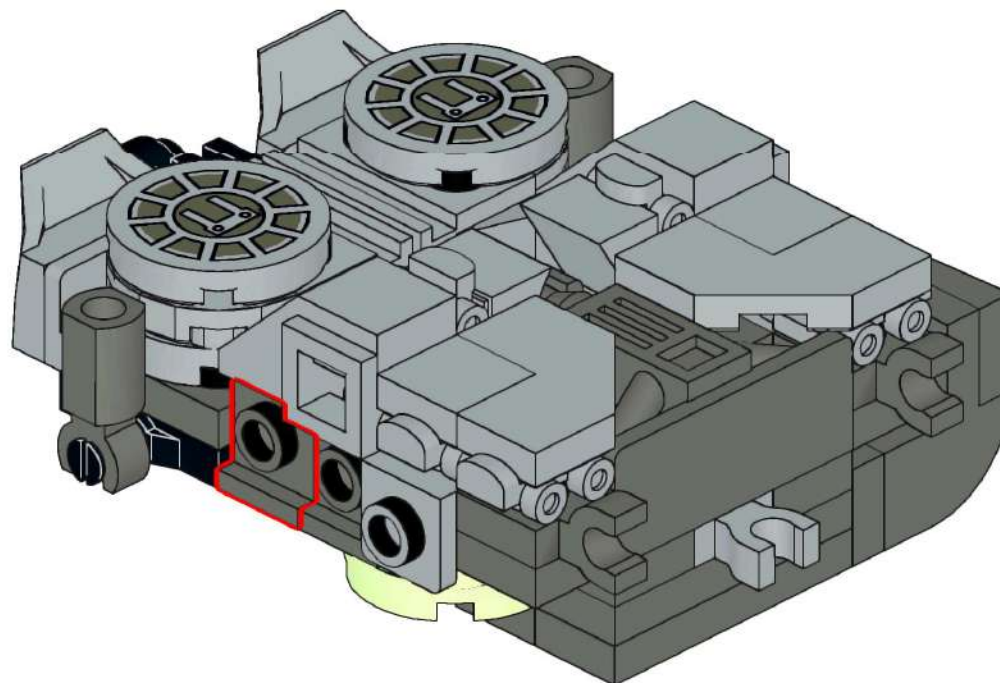
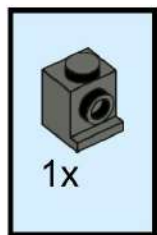
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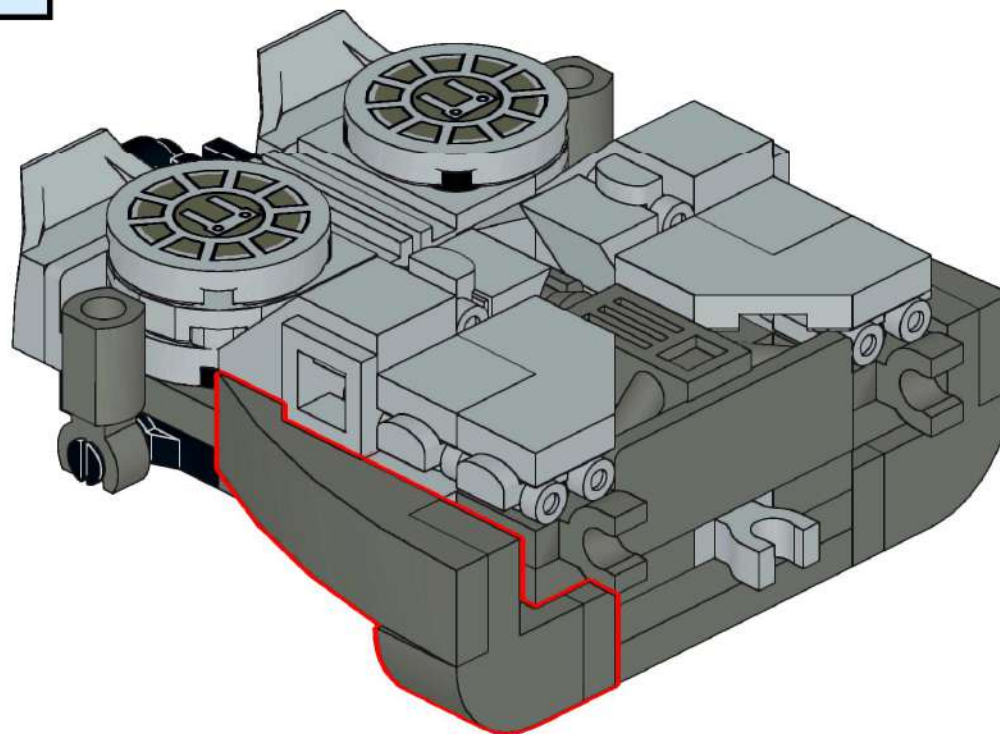
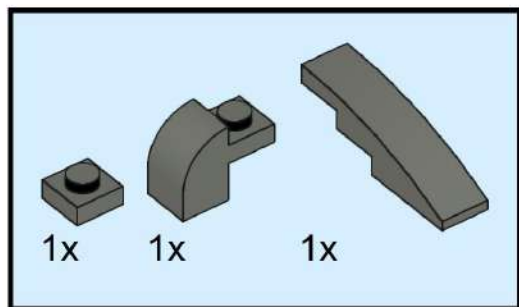
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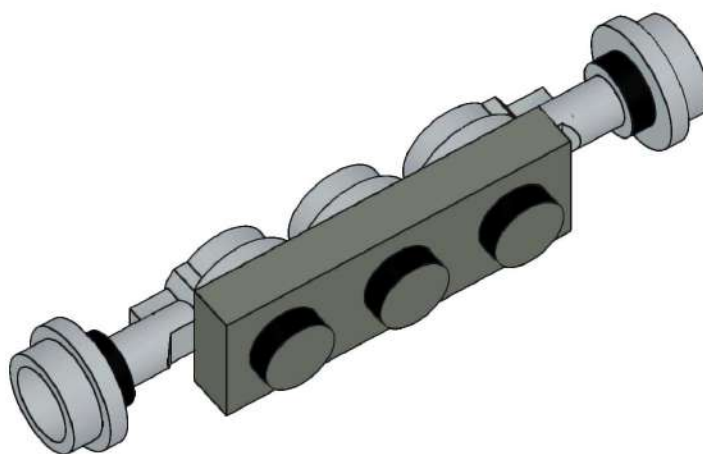
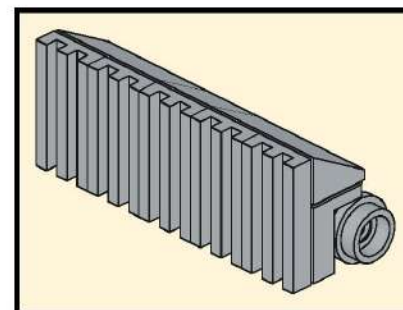
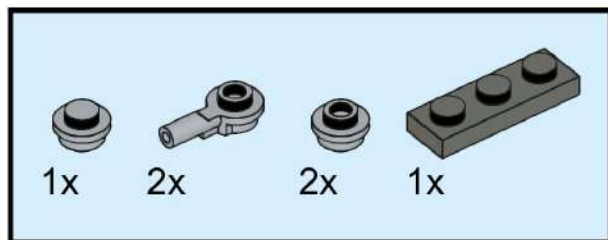
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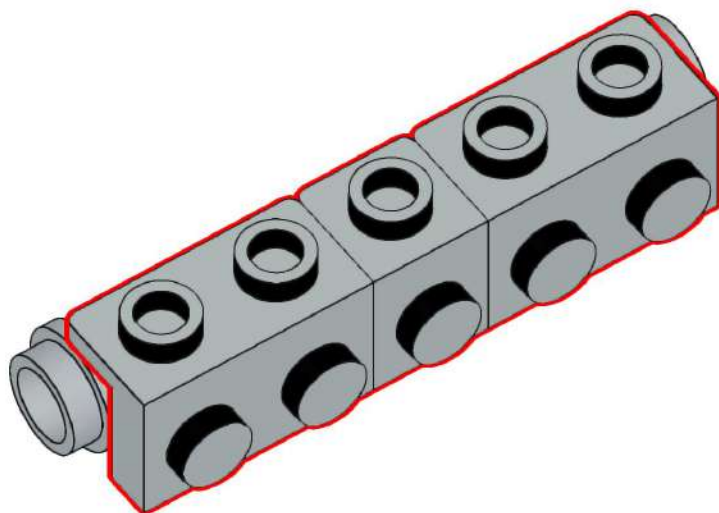
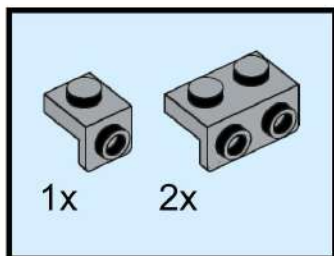
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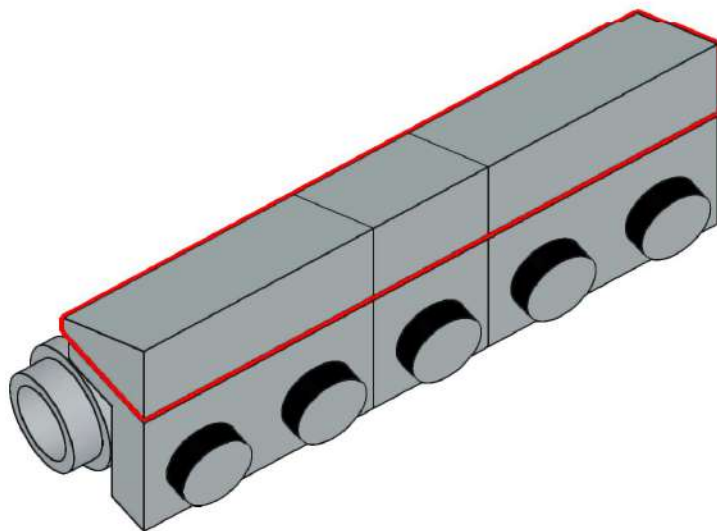
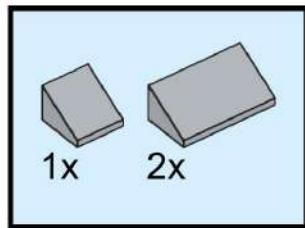
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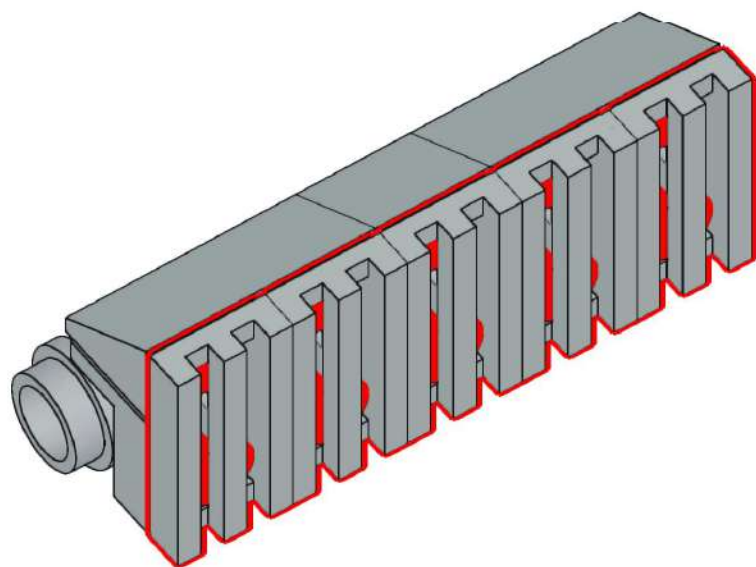
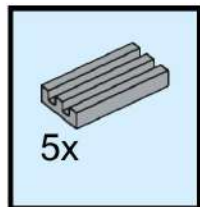
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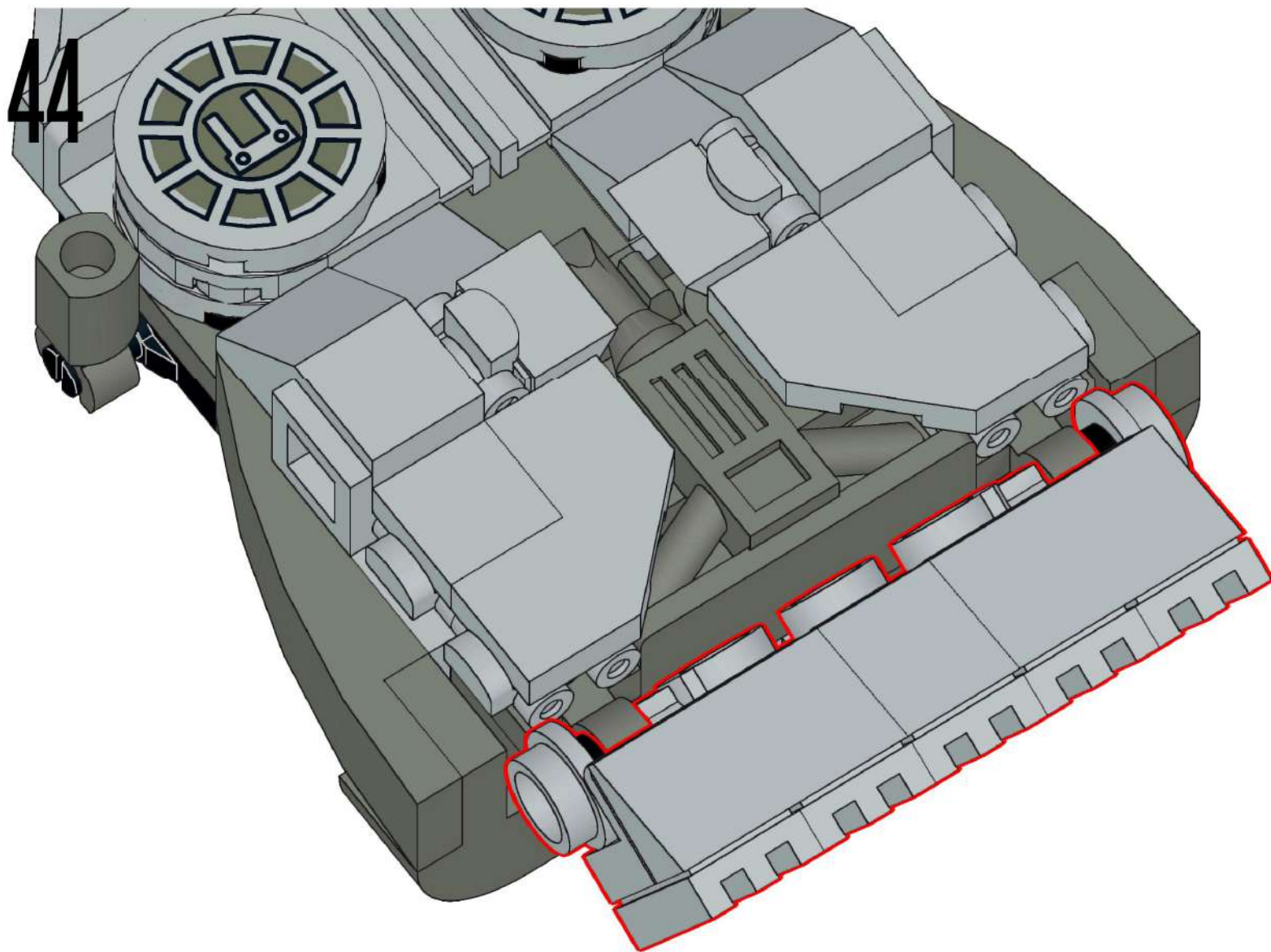


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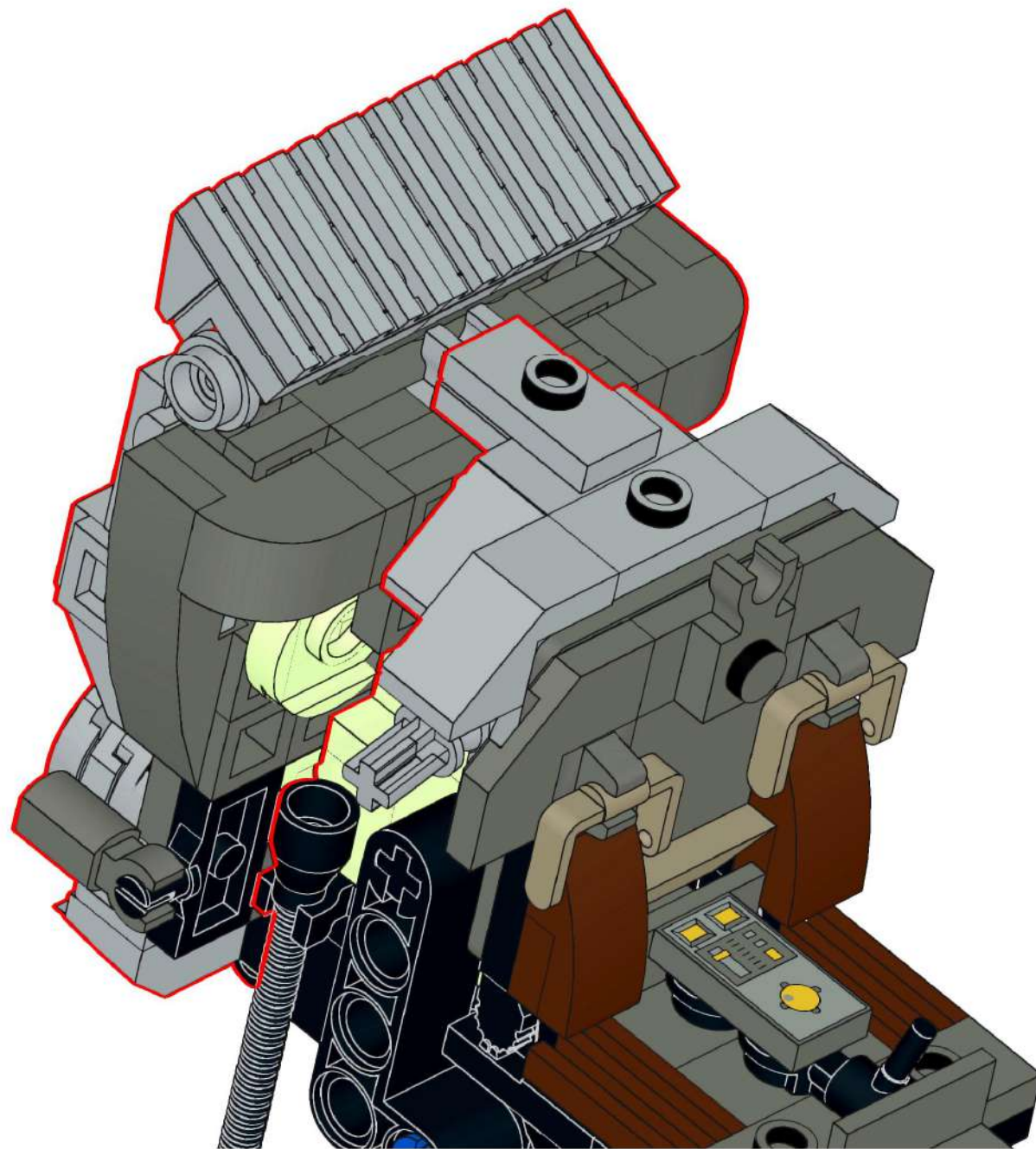


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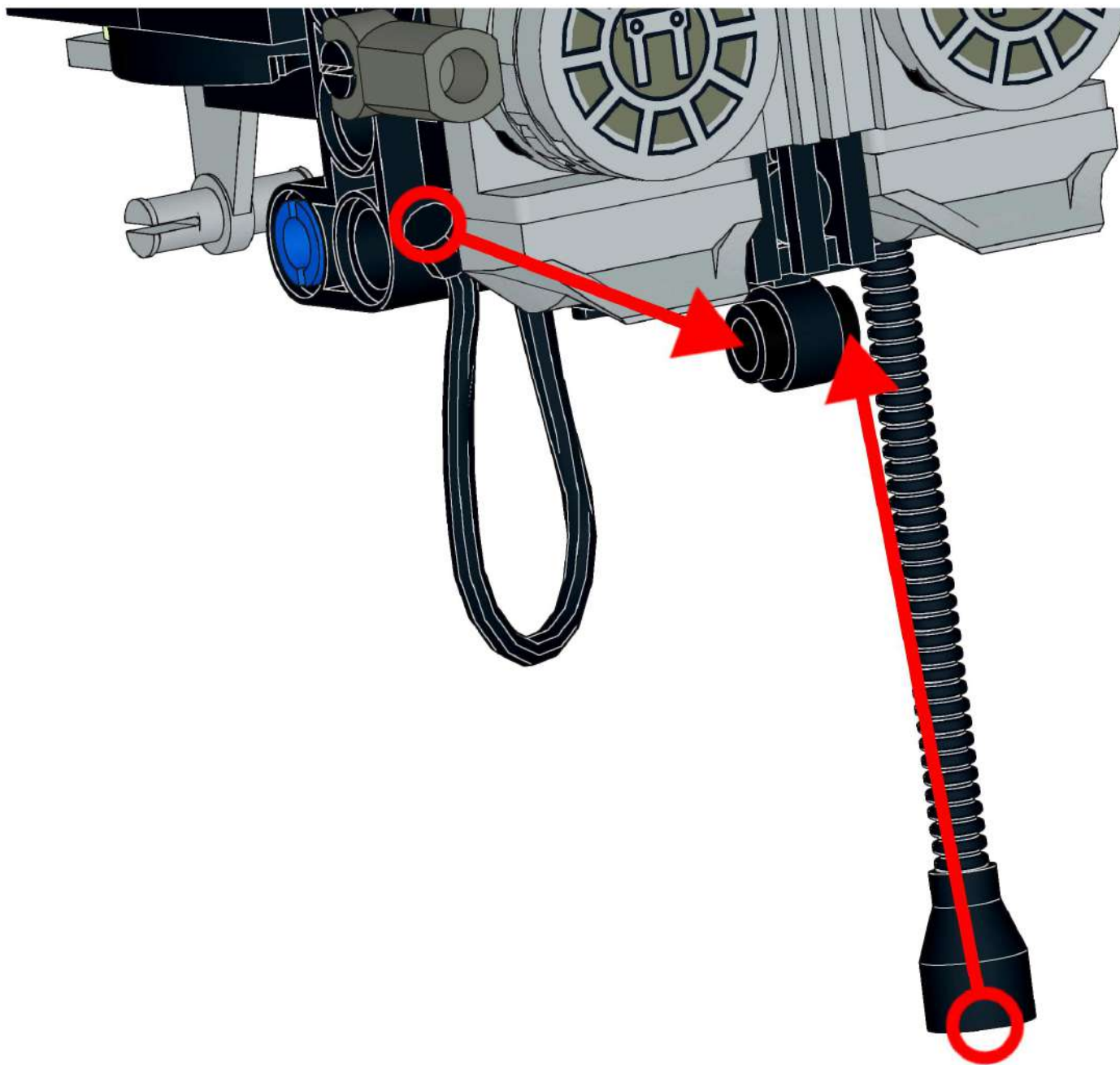




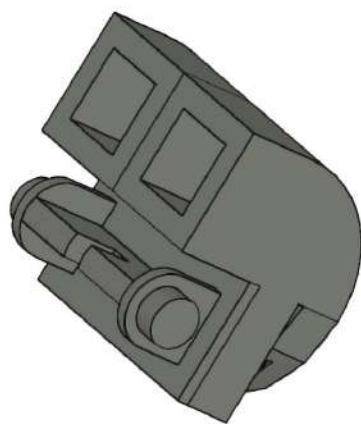
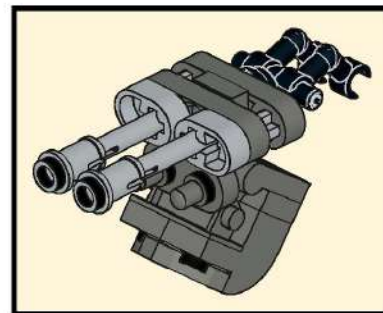
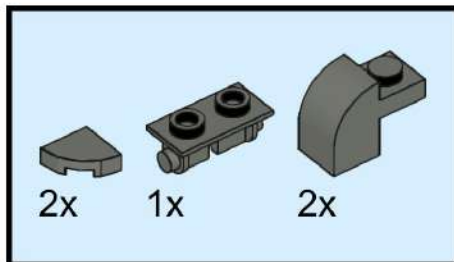
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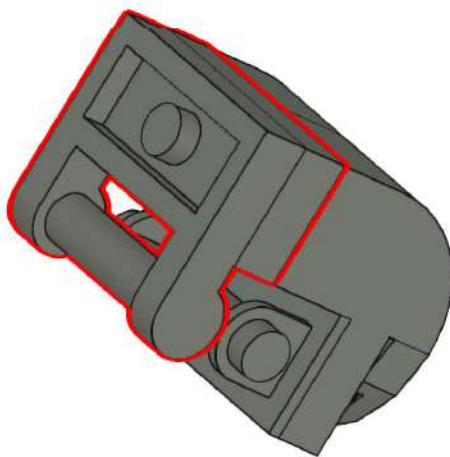
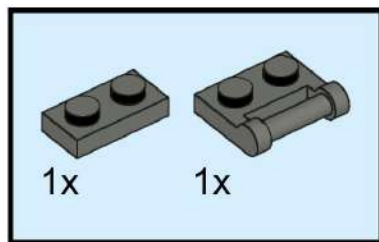
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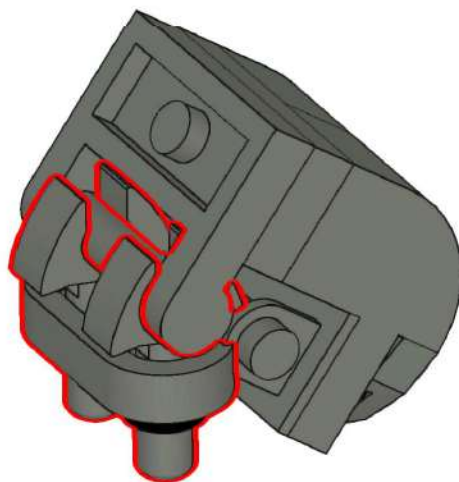
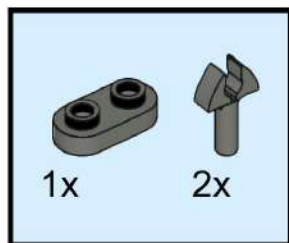
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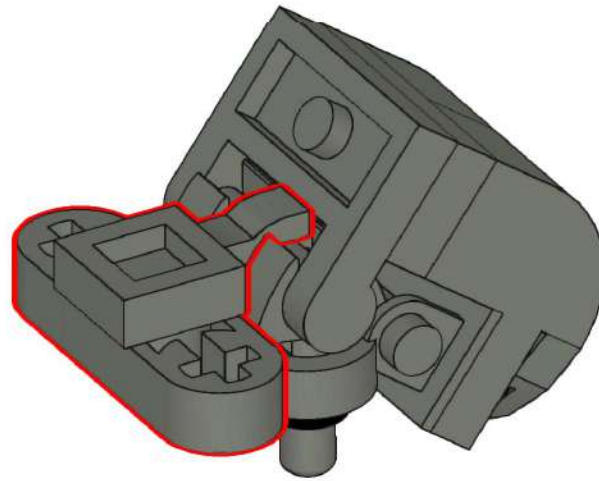
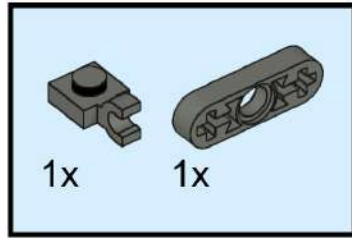
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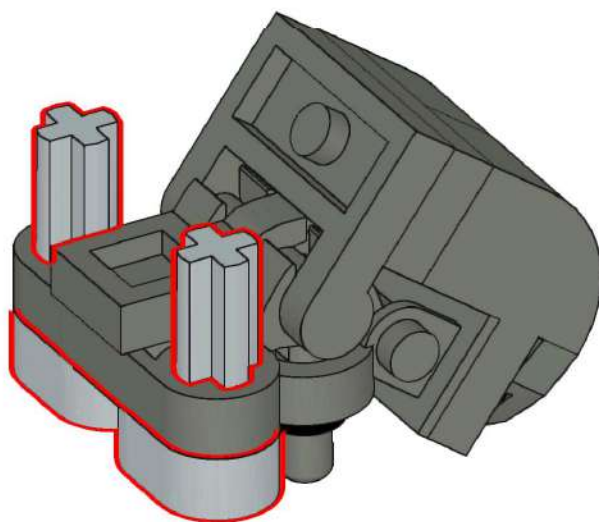
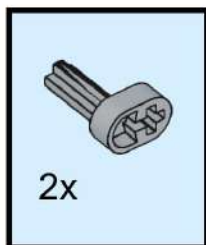
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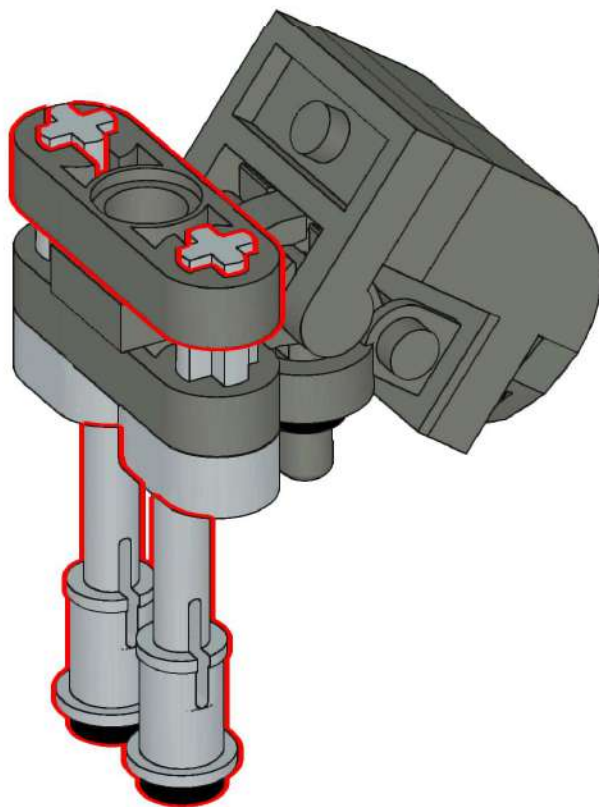
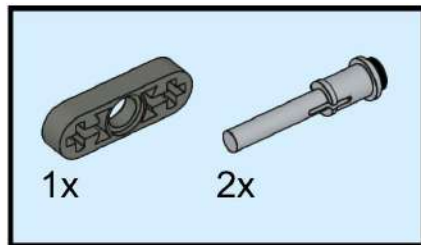
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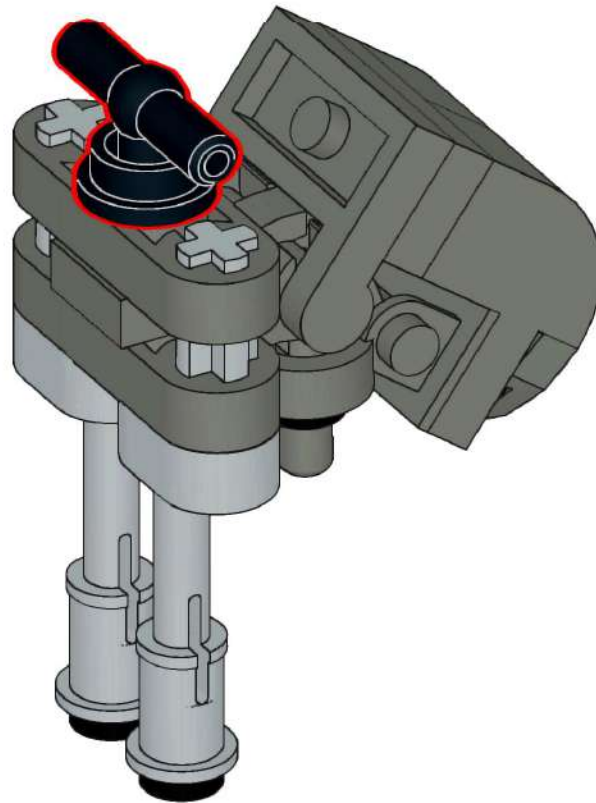
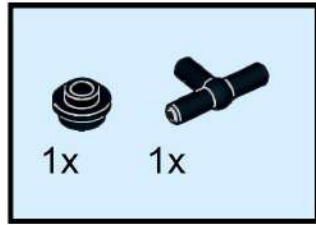
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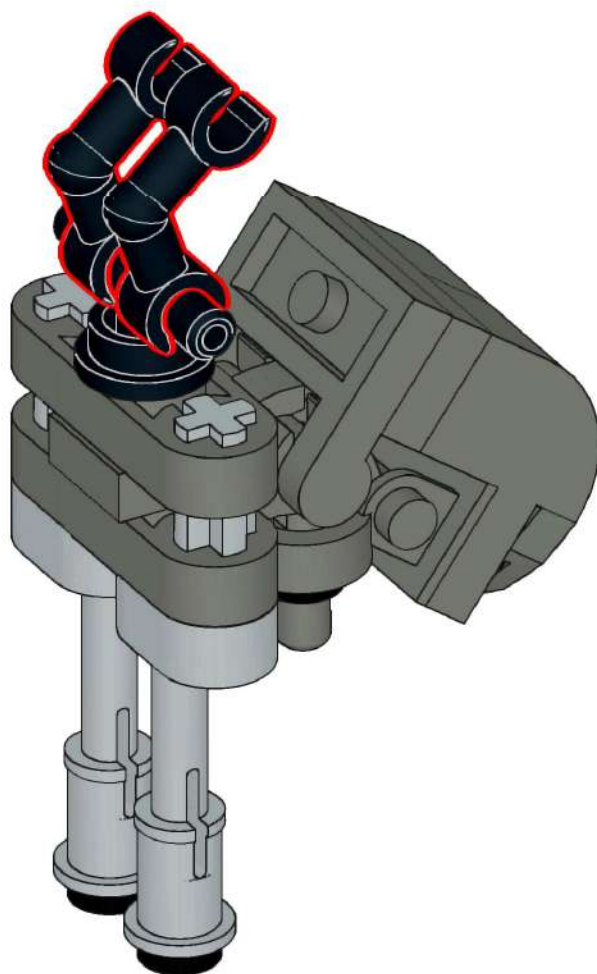
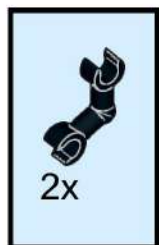
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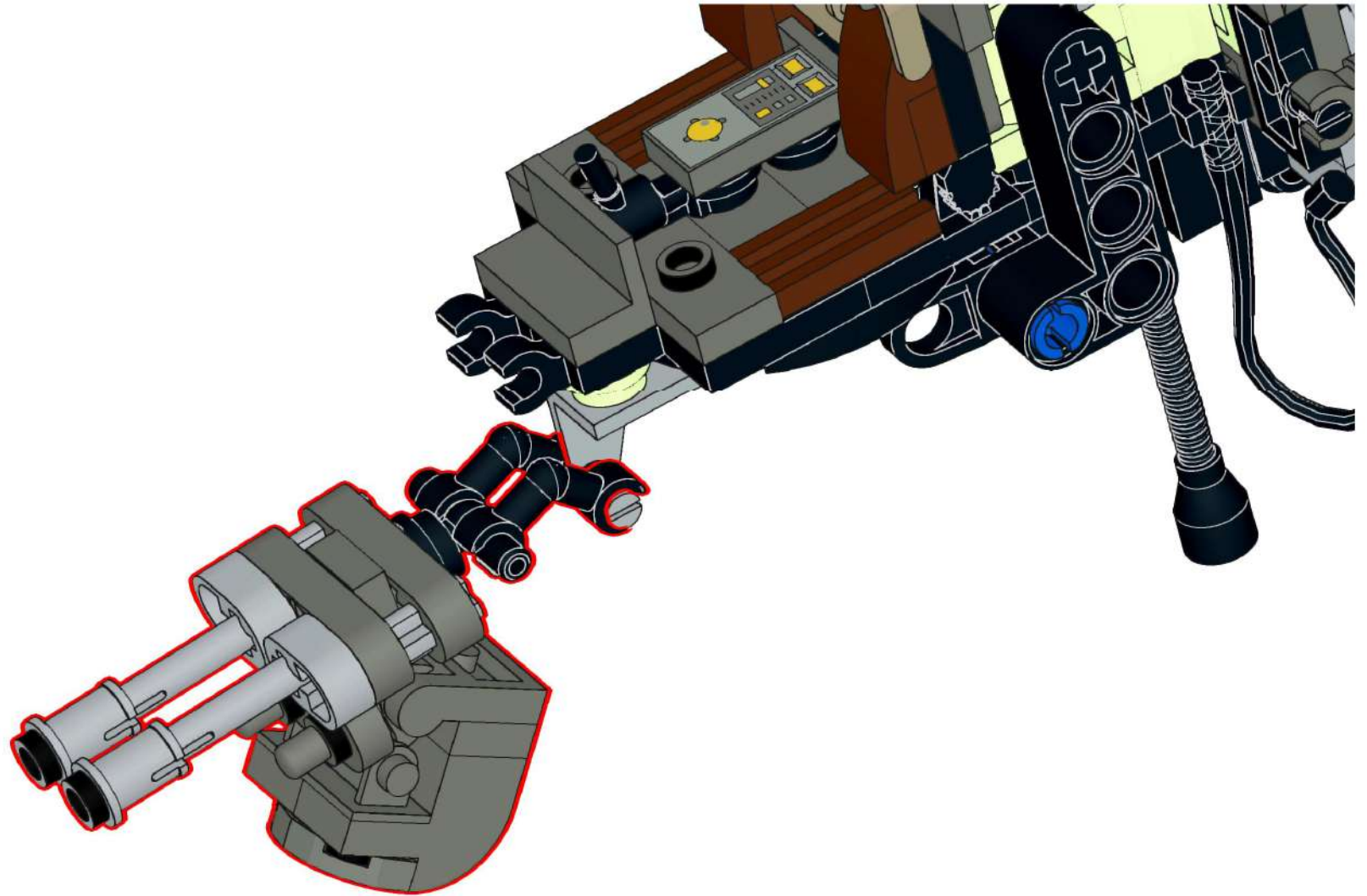
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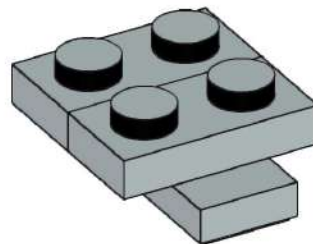
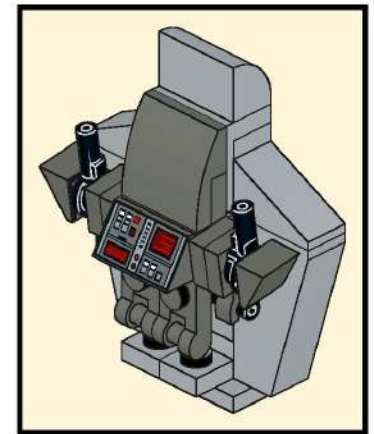
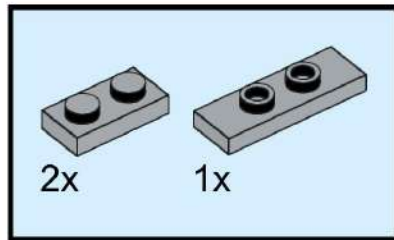
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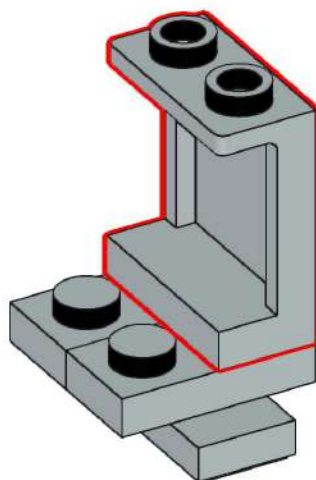
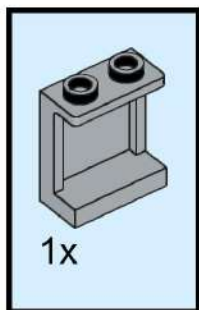
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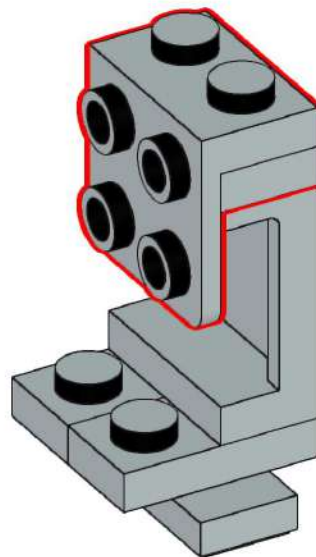
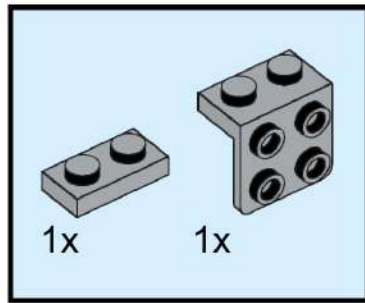
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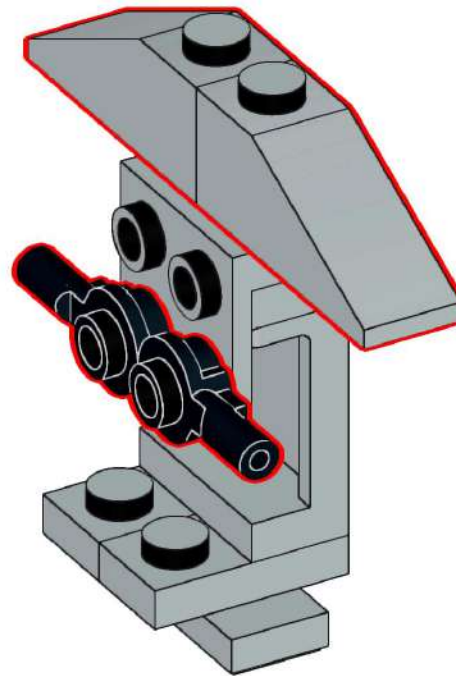
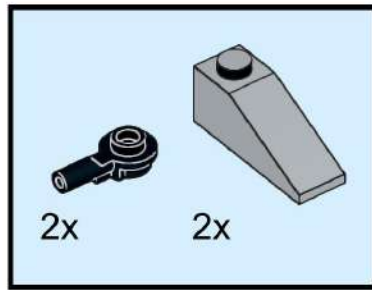
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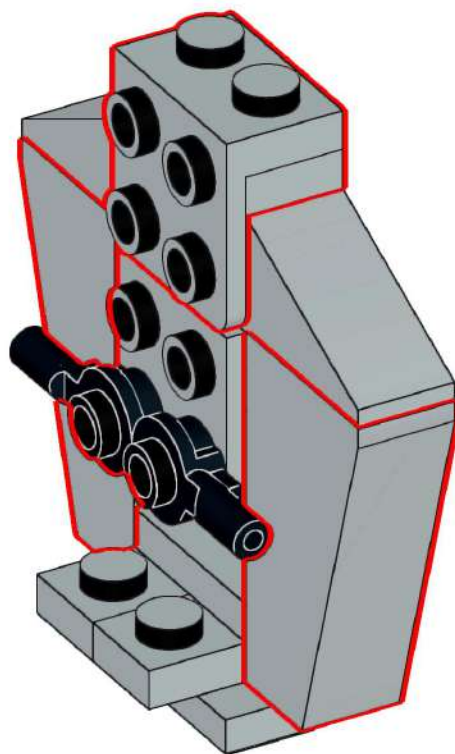
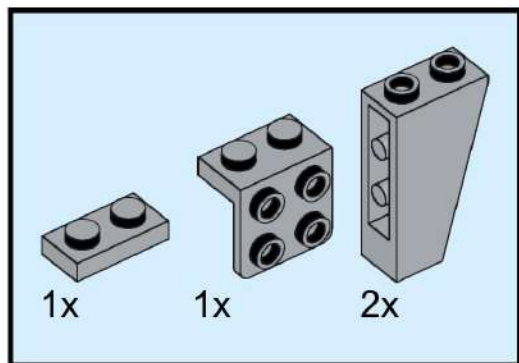
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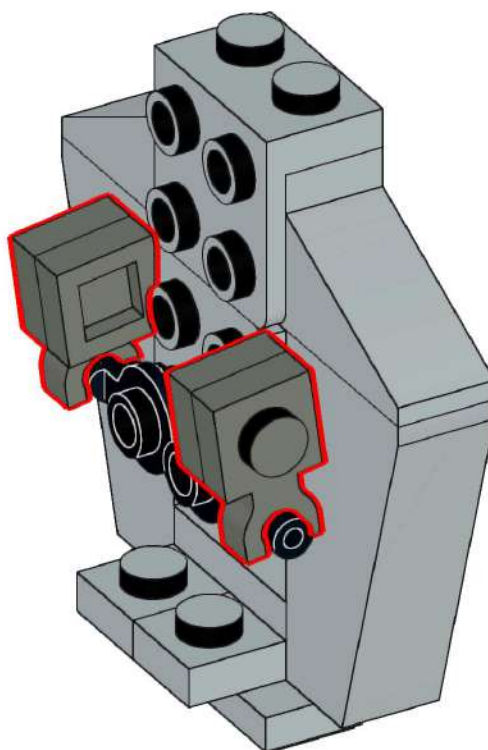
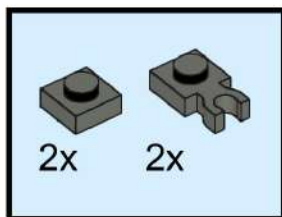
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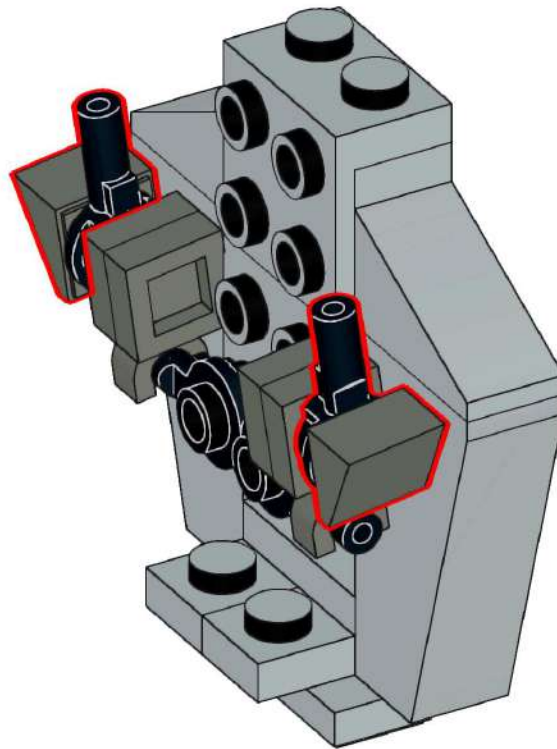
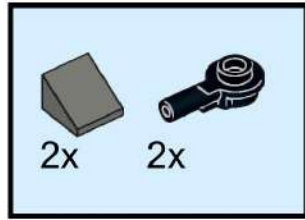
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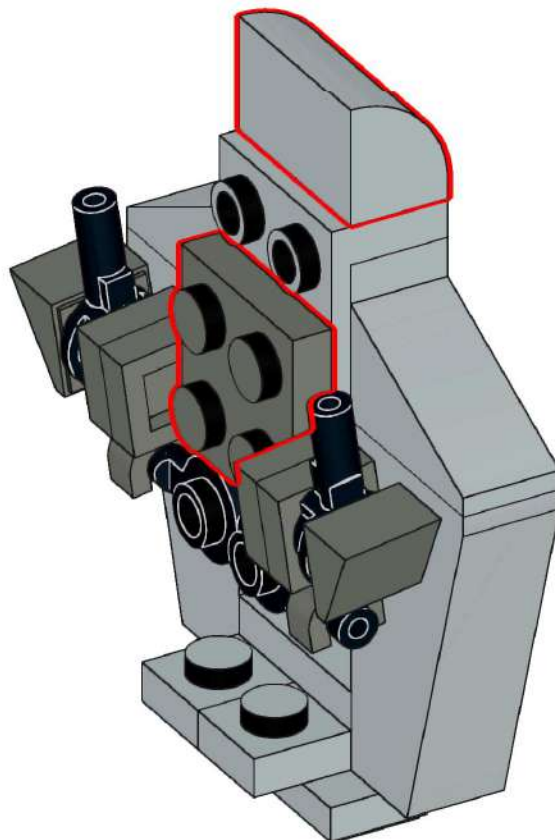
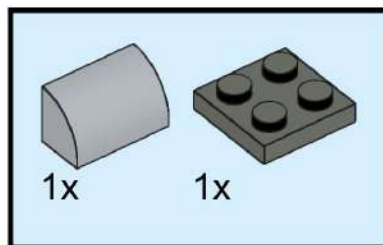
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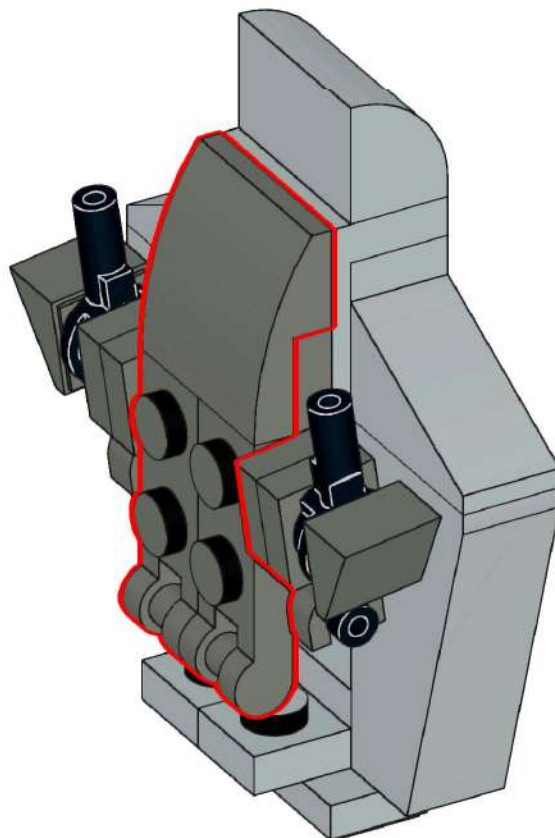
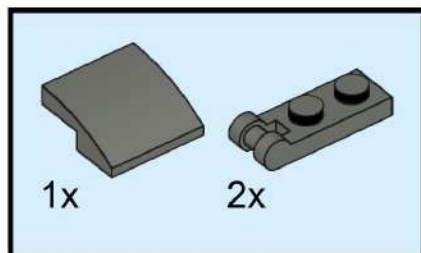
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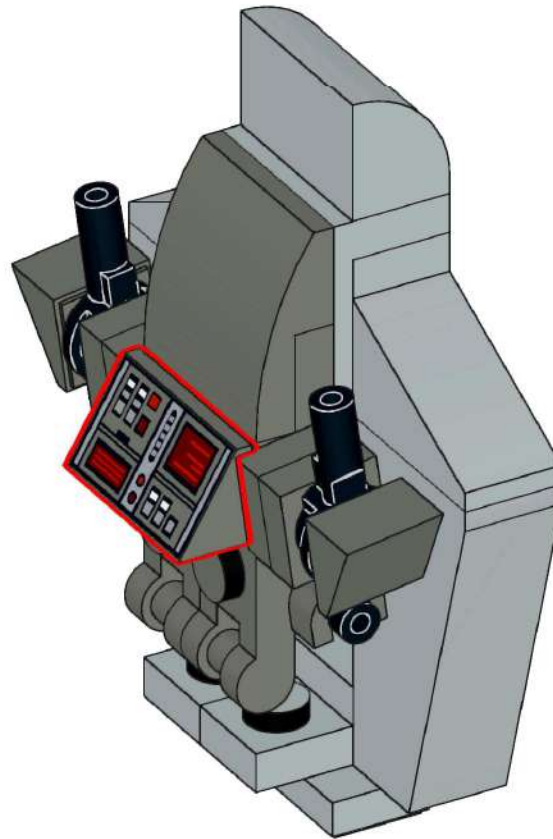
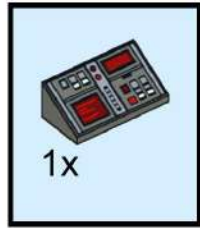
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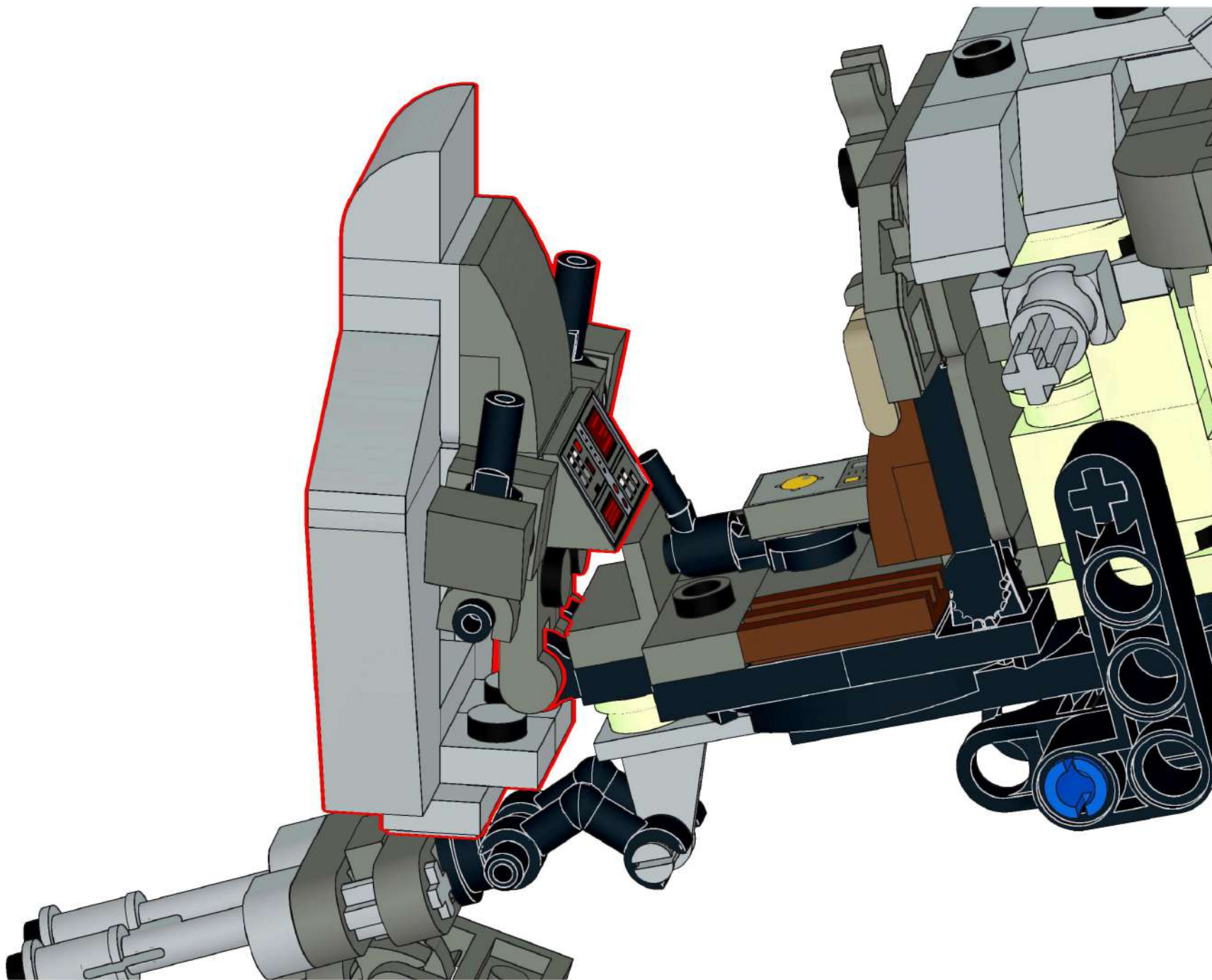
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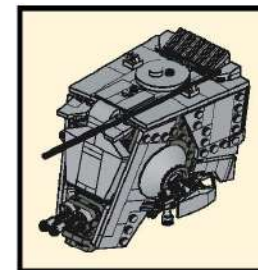
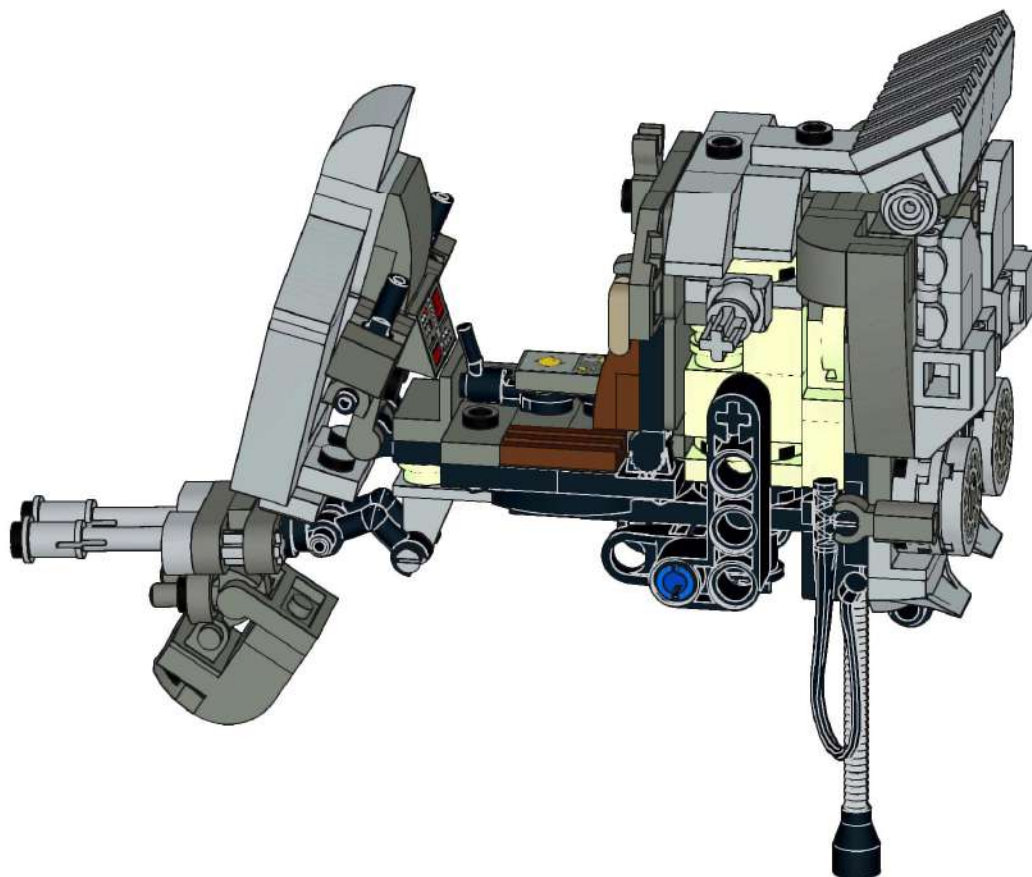
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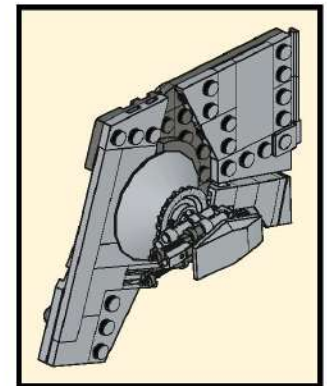
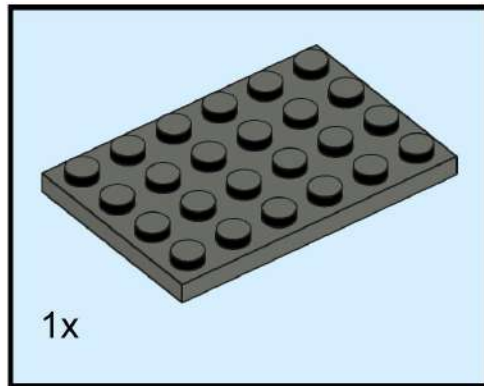
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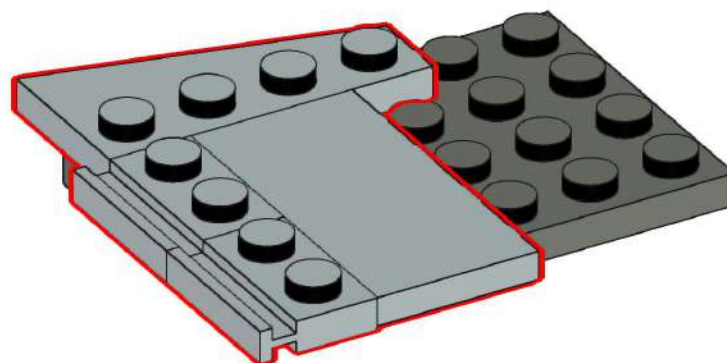
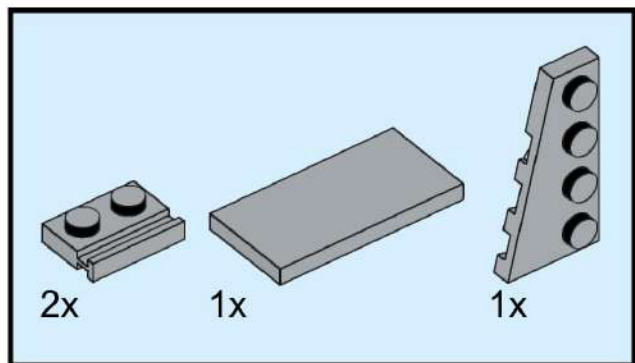
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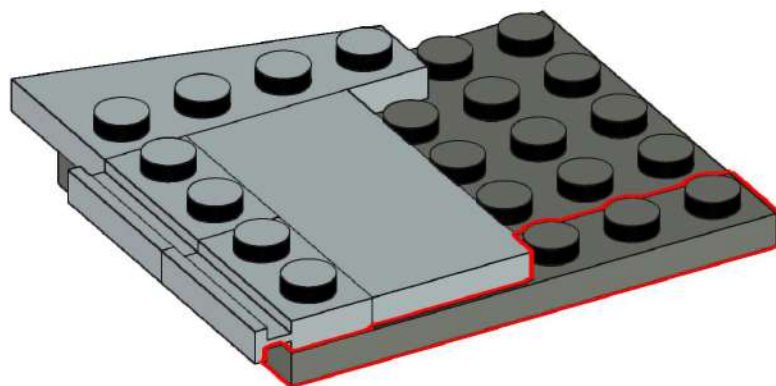
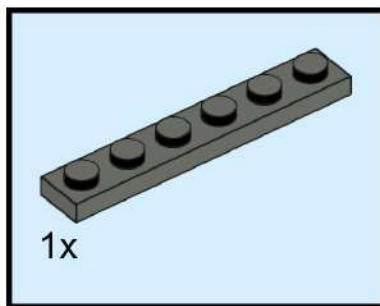
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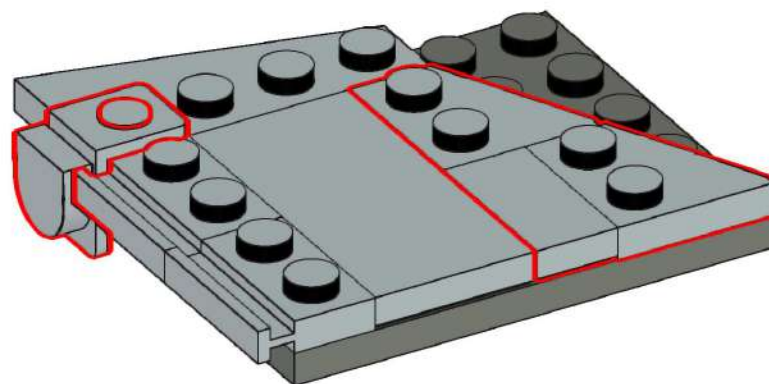
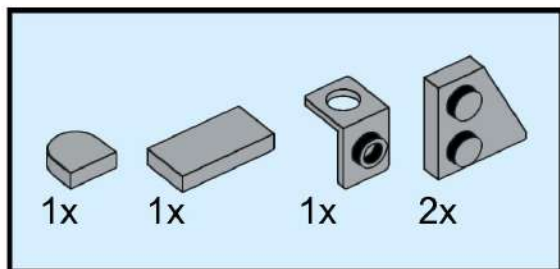
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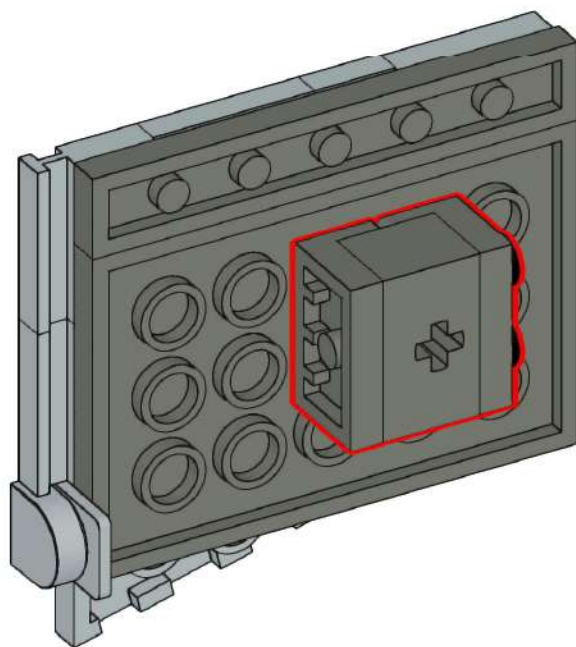
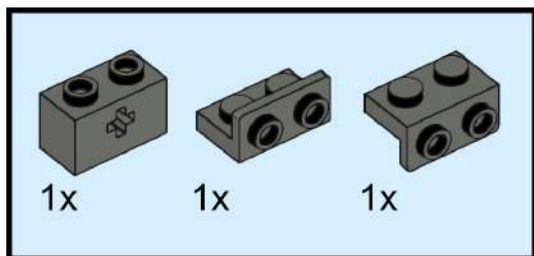
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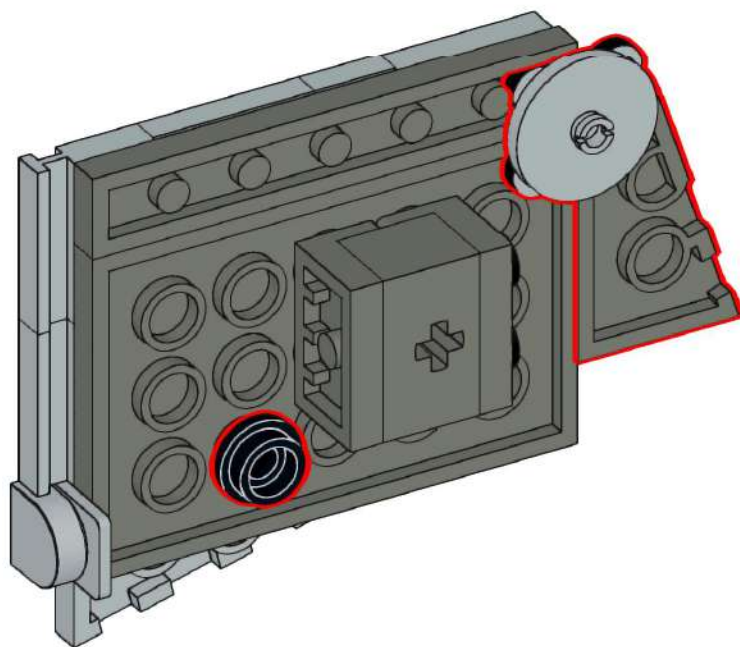
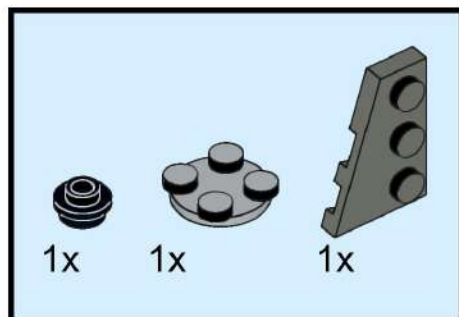
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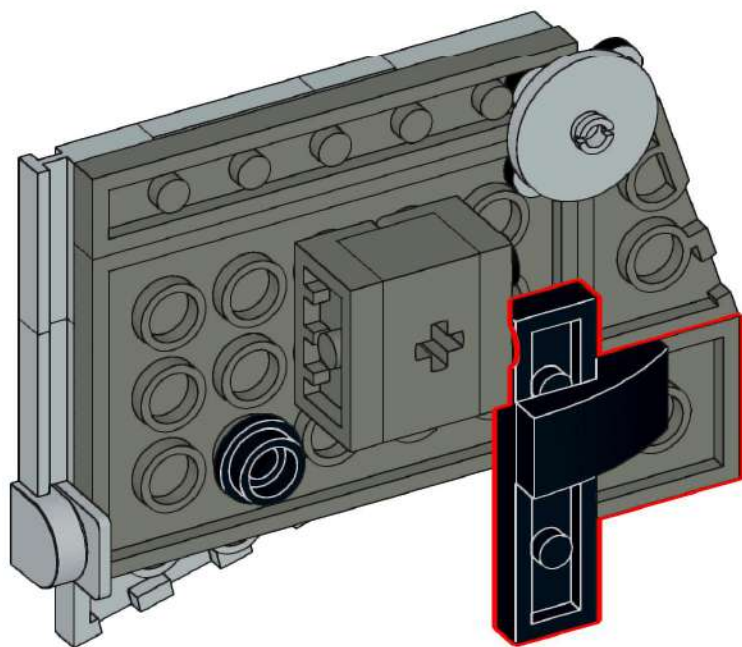
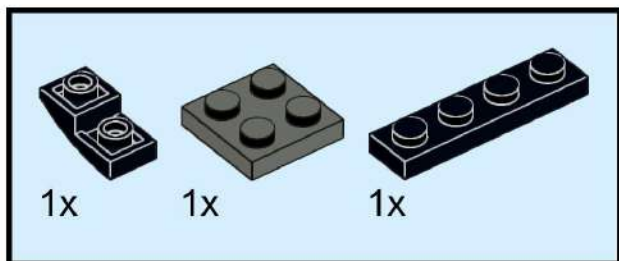
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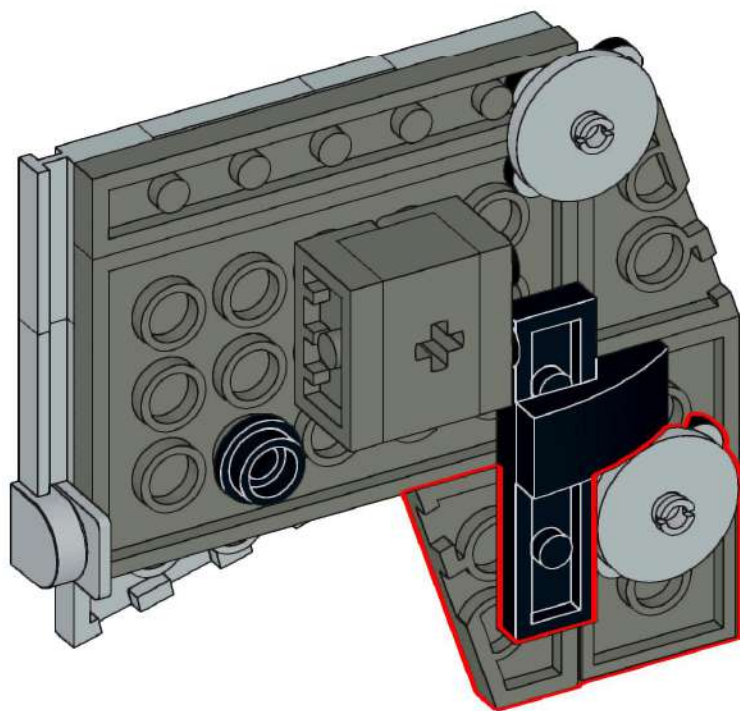
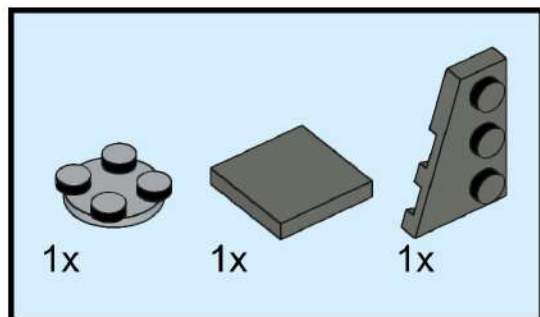
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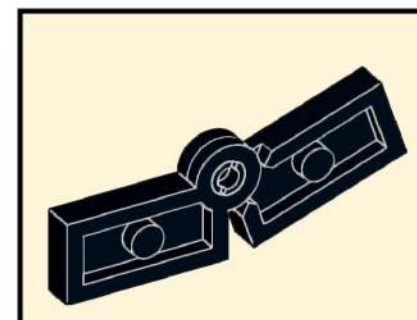
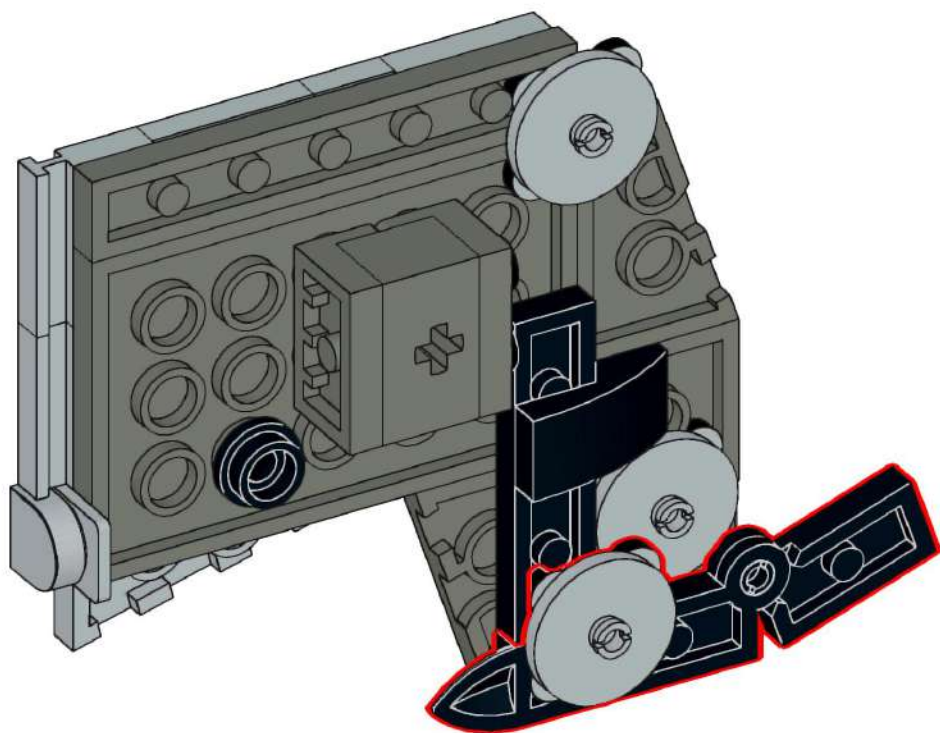
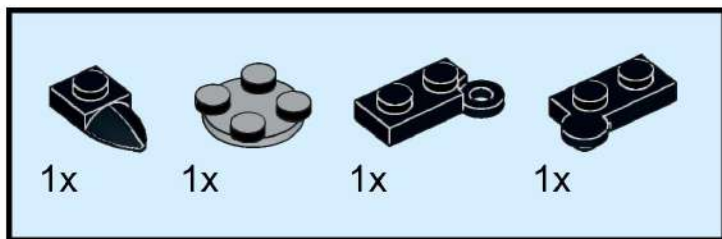
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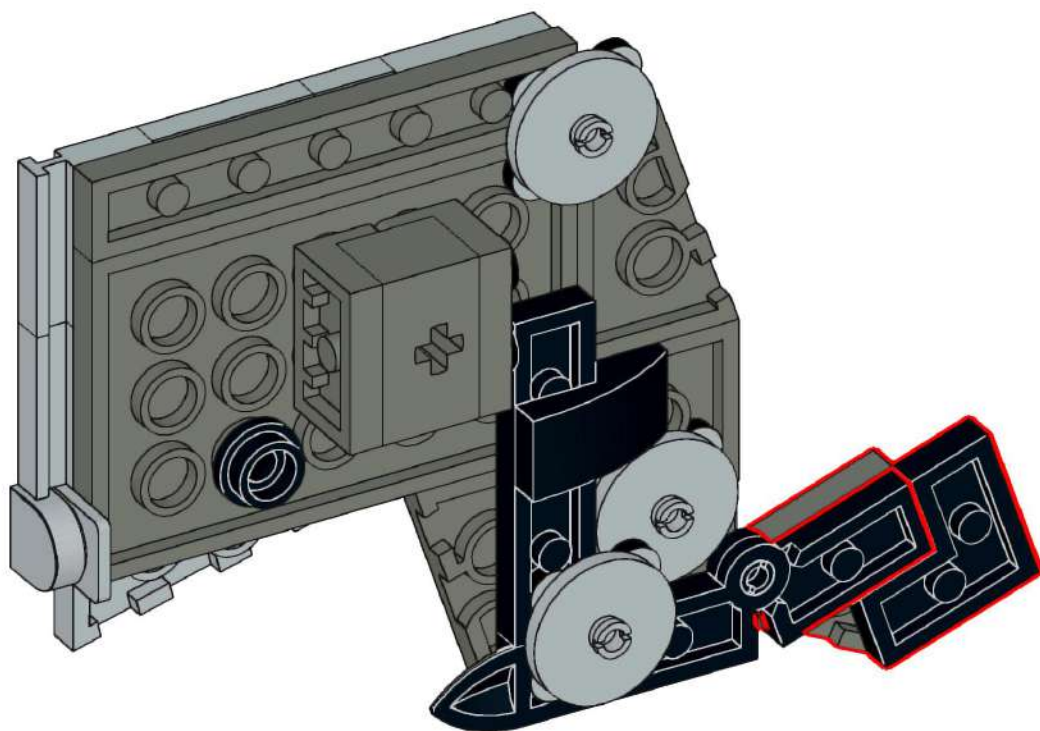
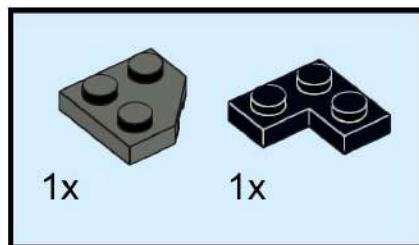
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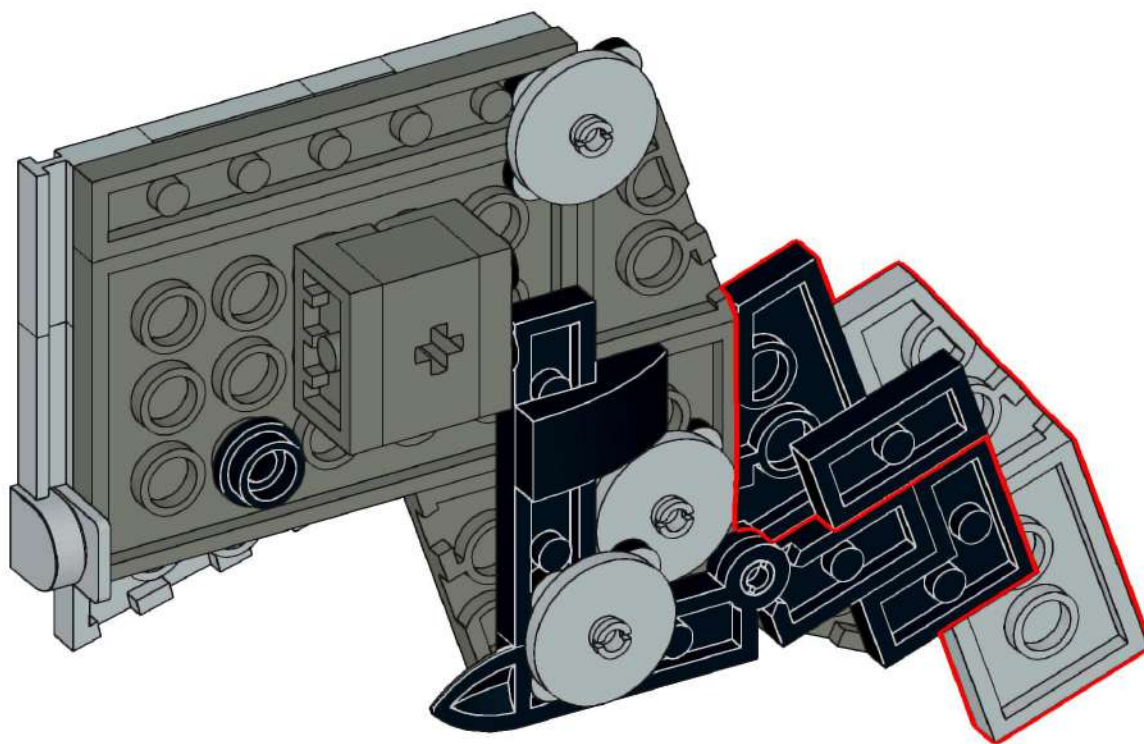
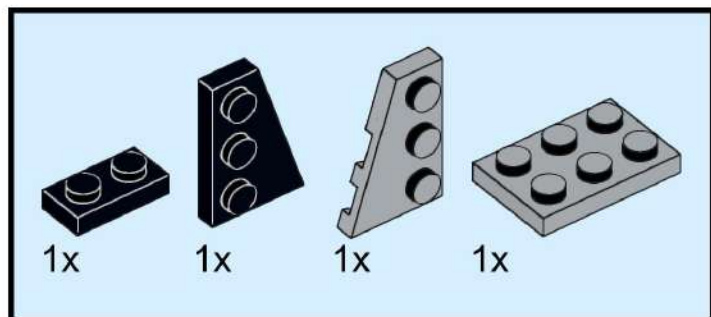
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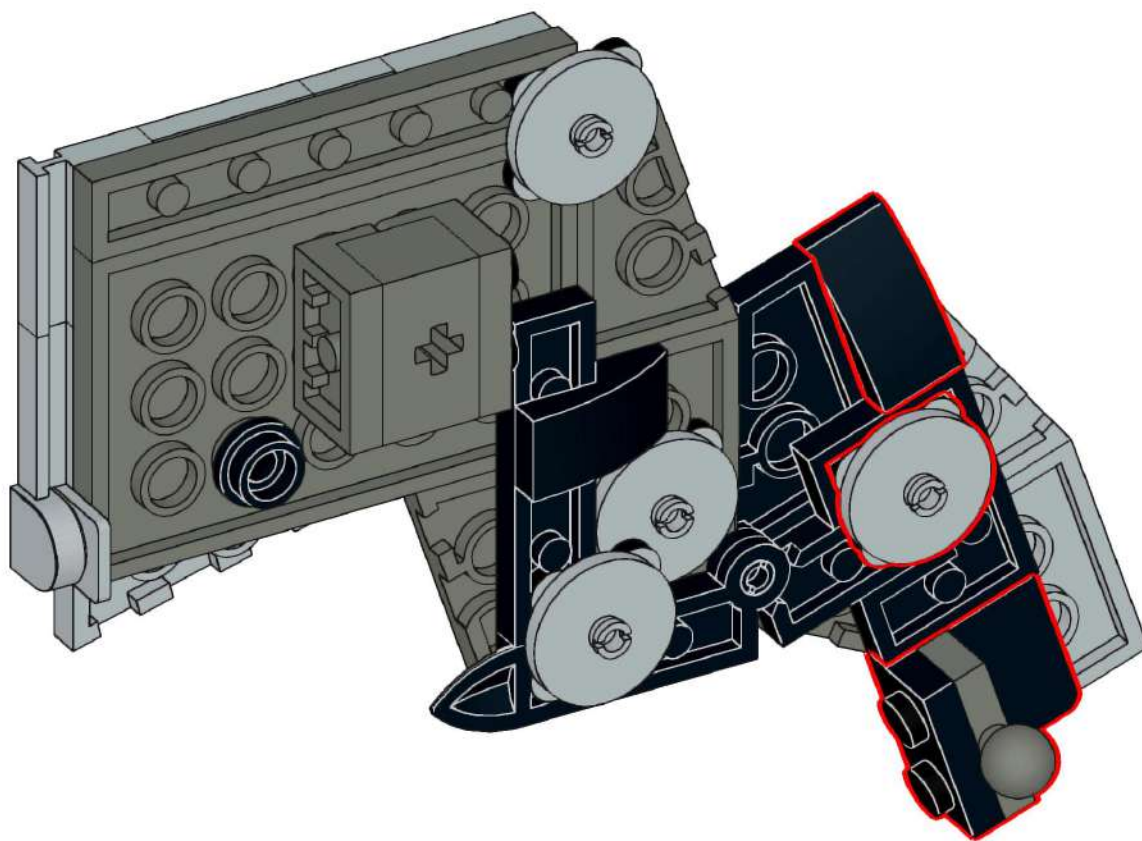
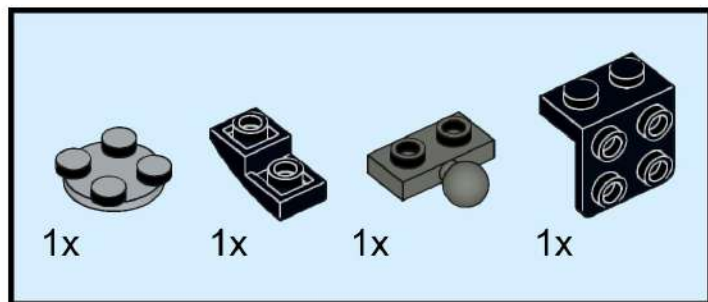
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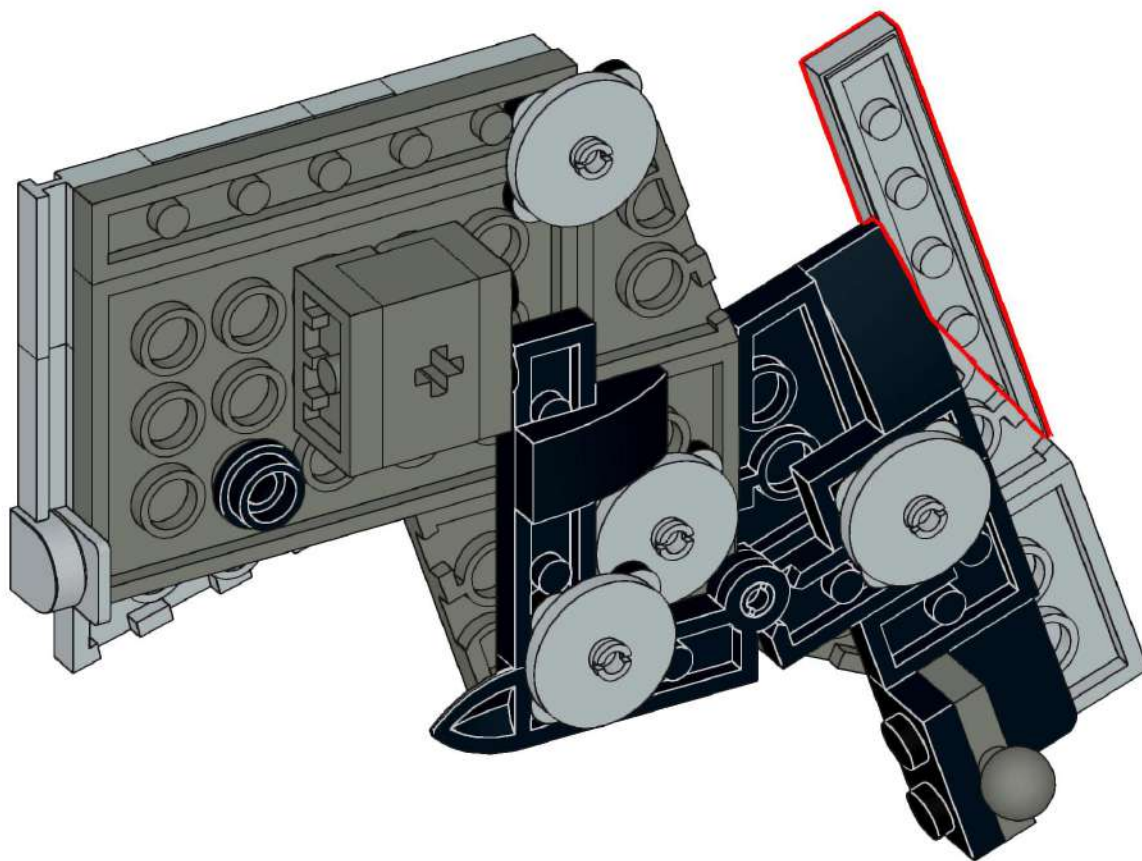
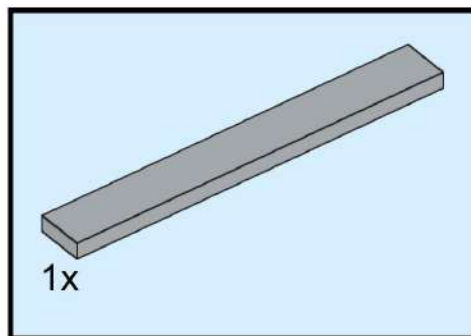
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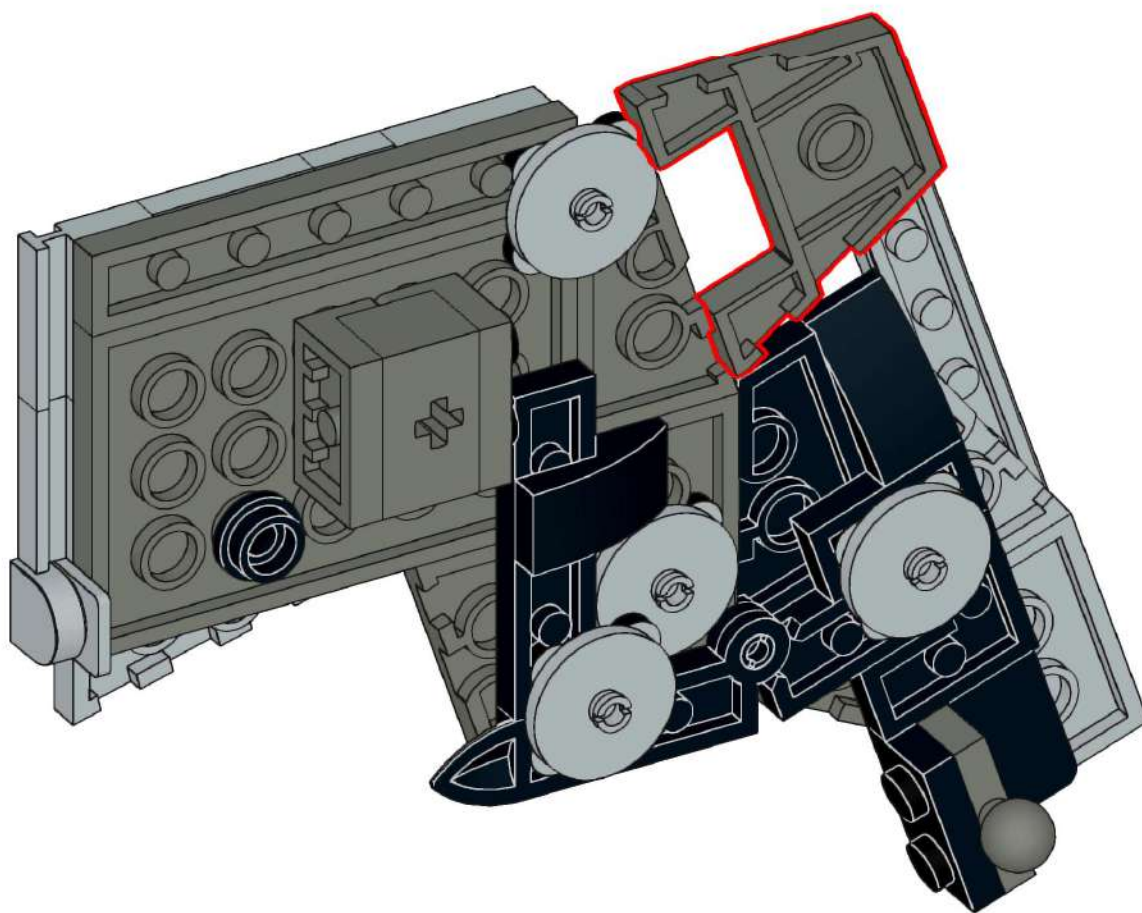
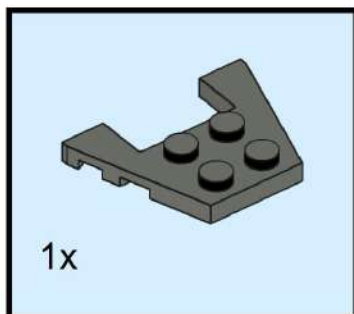
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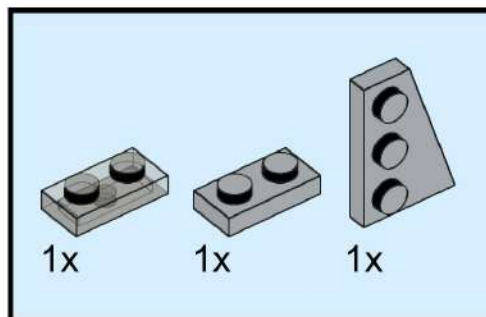
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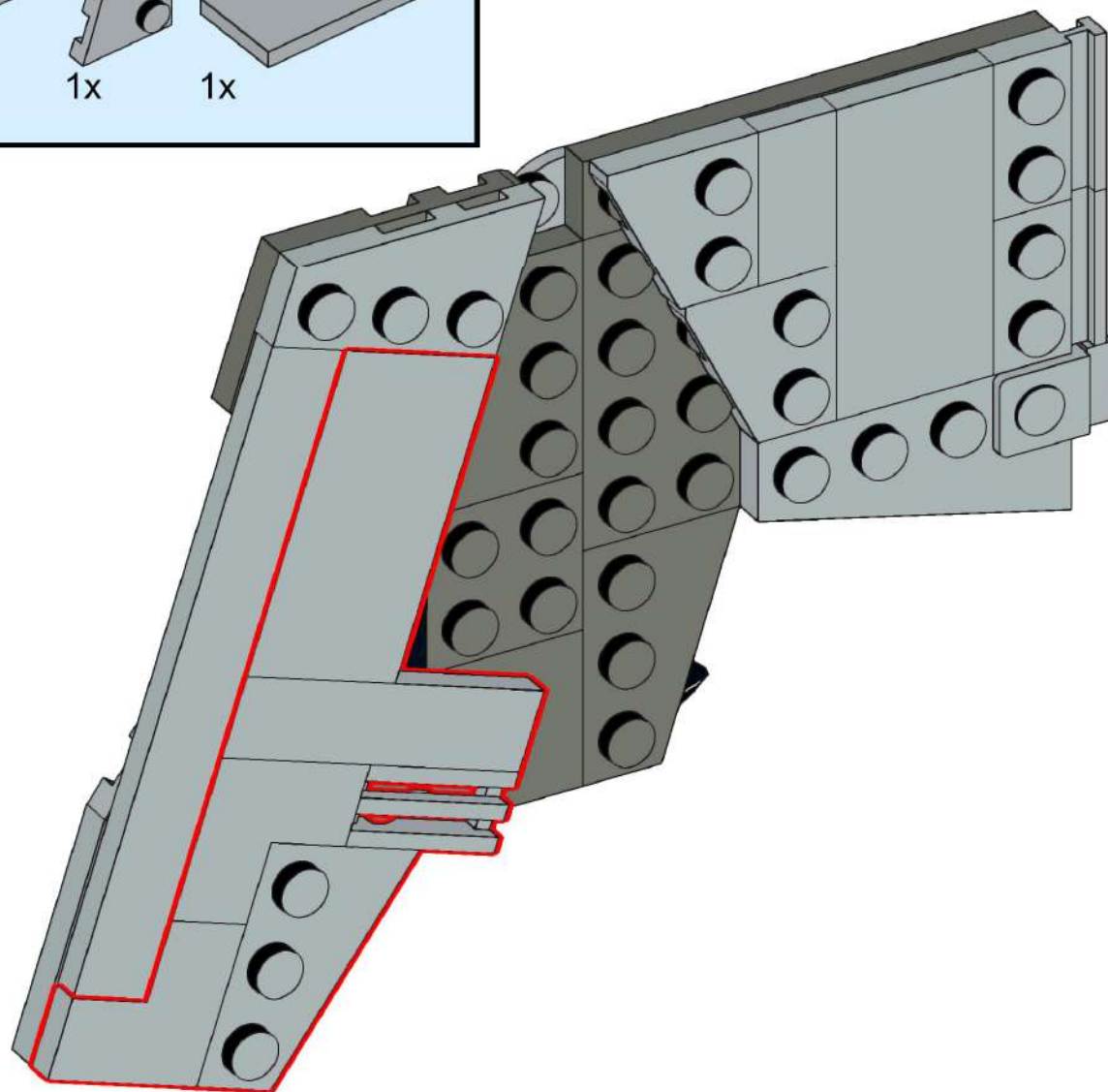
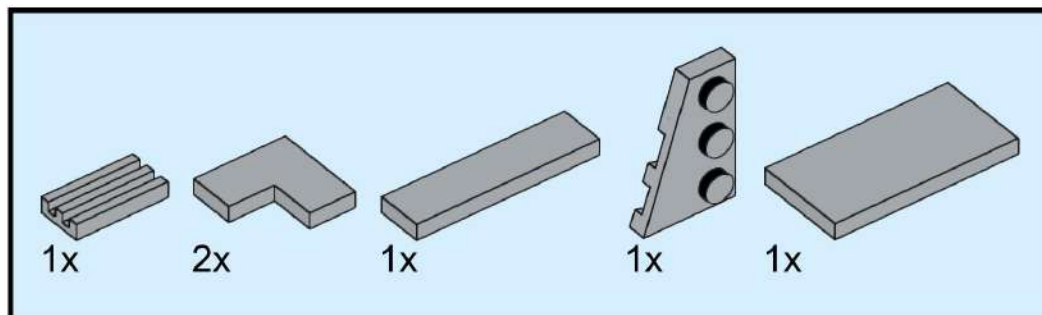
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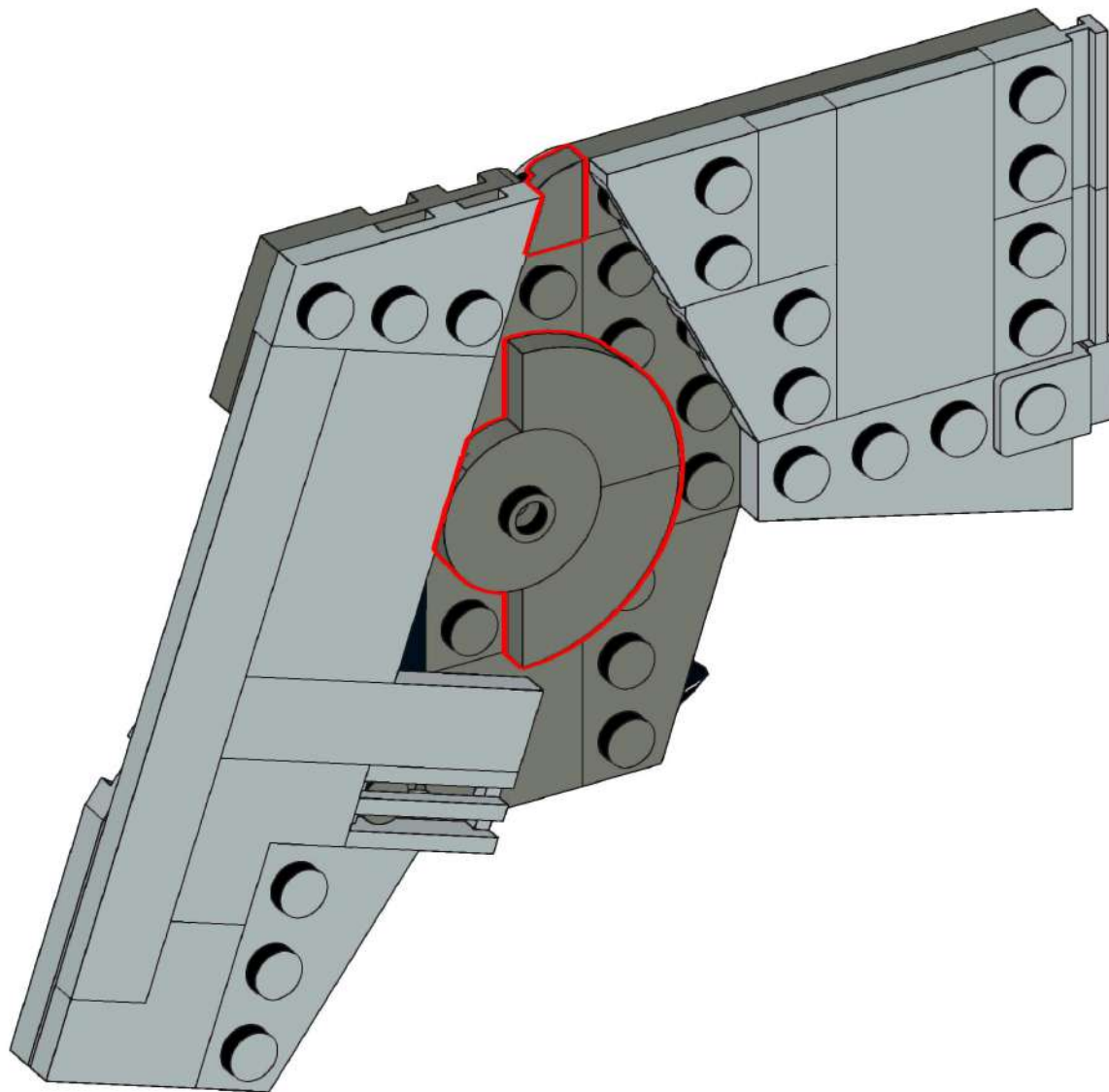
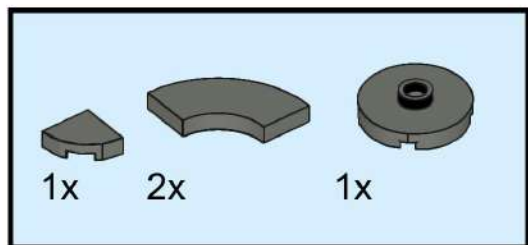
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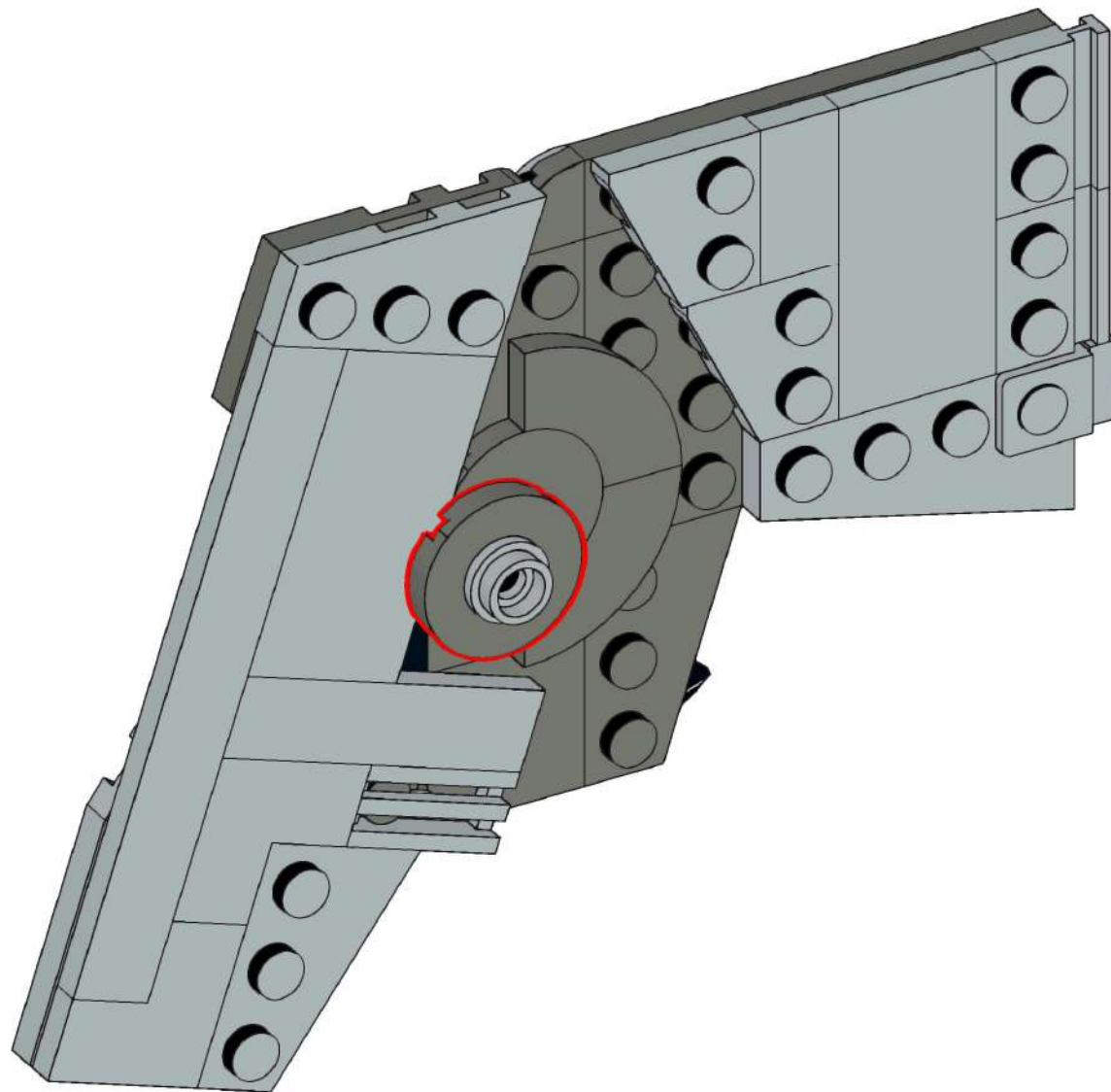
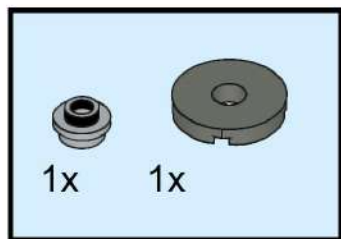
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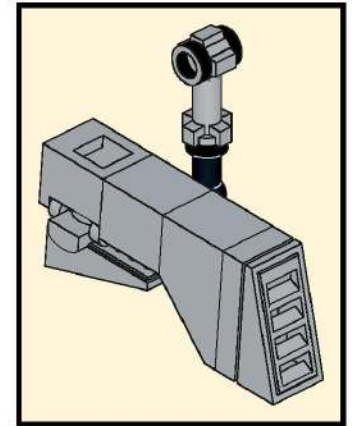
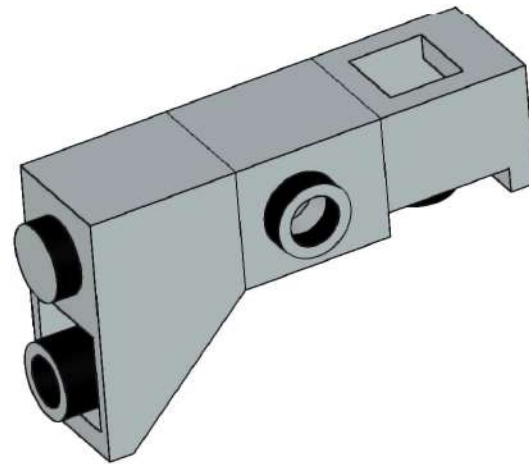
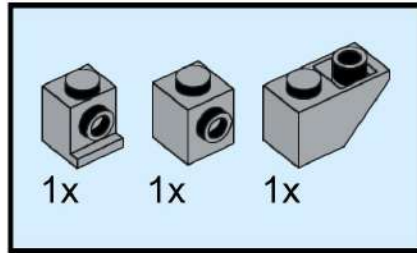
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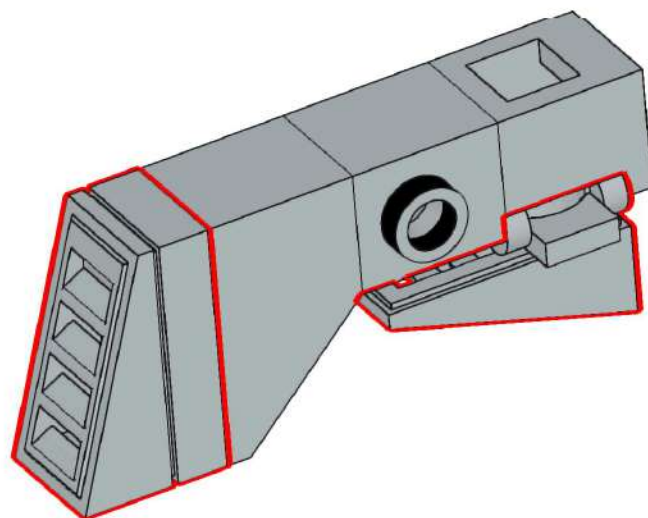
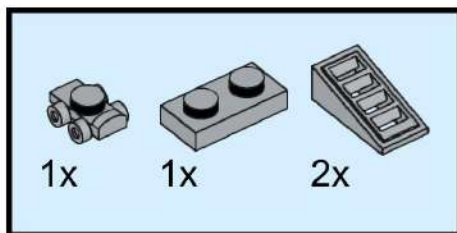
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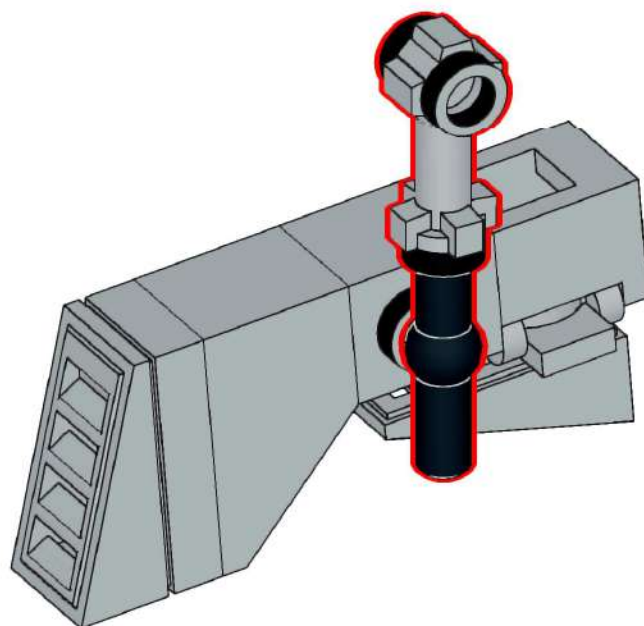
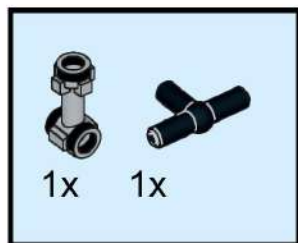
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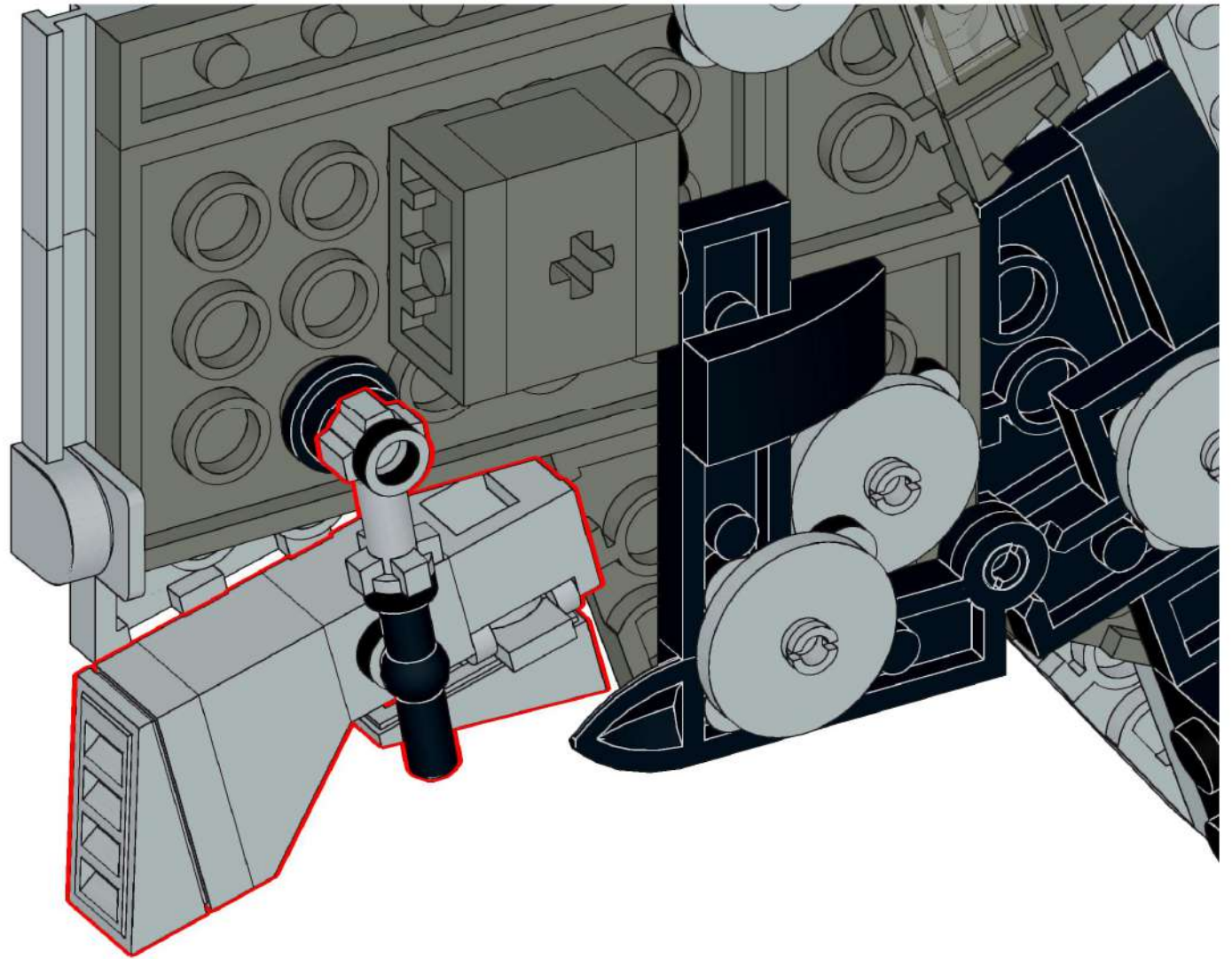
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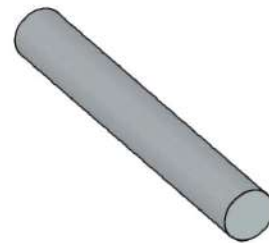
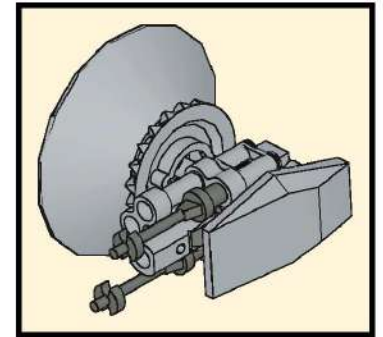
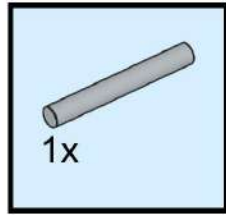
88



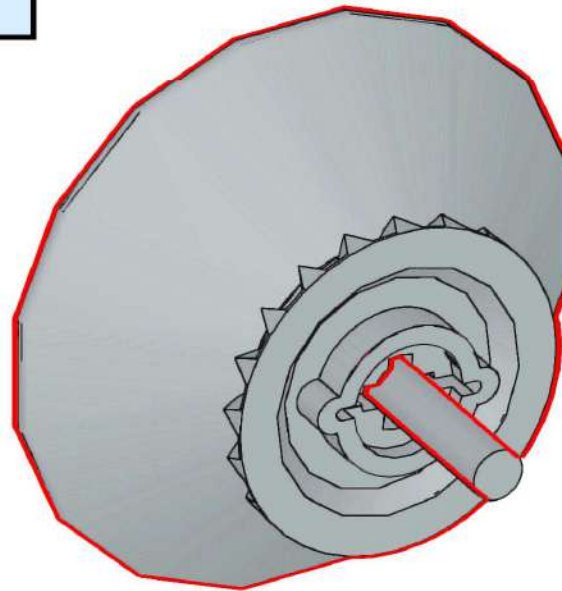
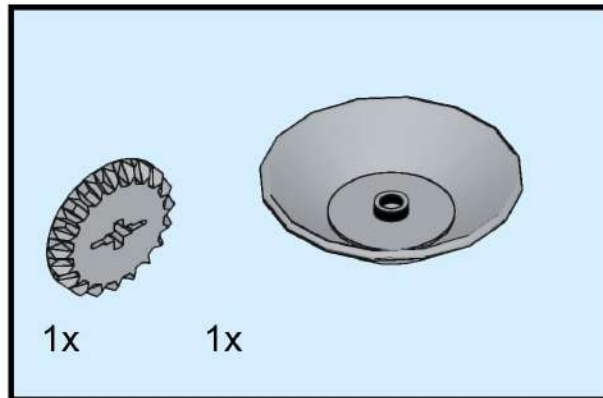
89



90

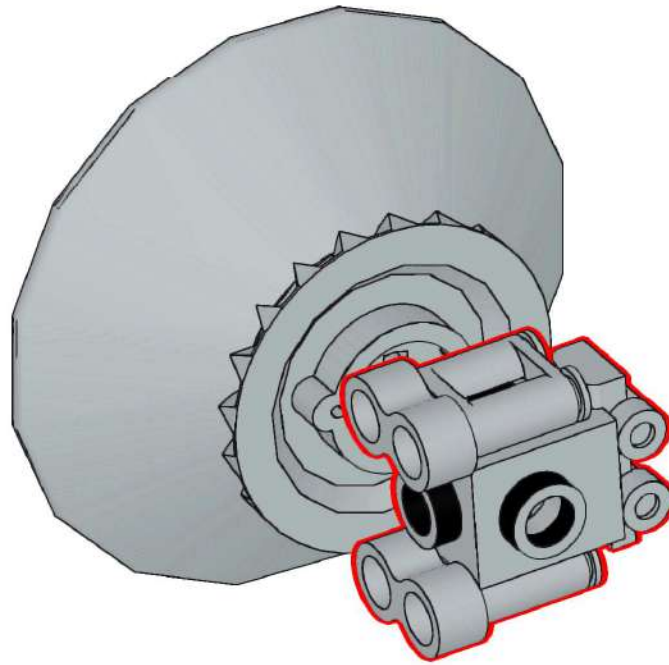
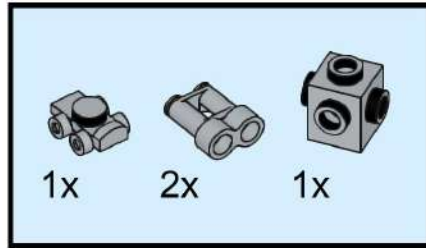


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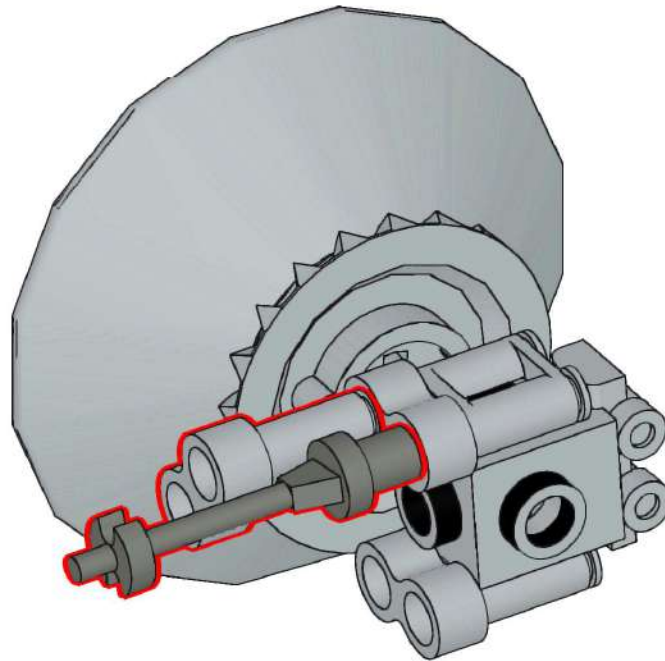
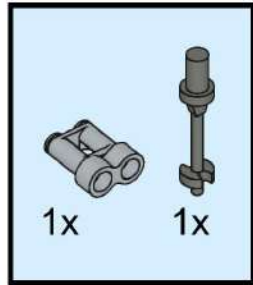


Yep, 6942's have become quite expensive in LBG. Lego, reintroduce them!
You may go for the cheaper DBG version, or take a look at the alternate model with the large dishes, as seen on Hoth.

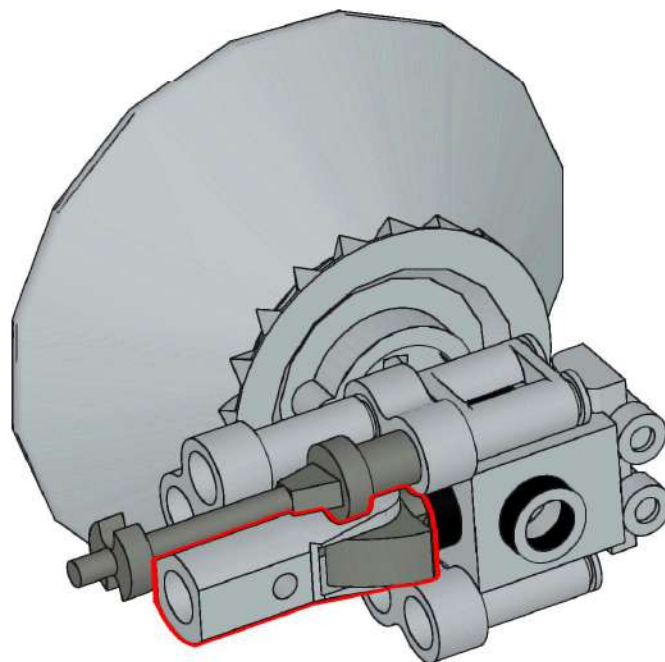
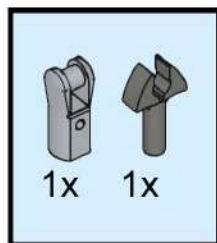
92



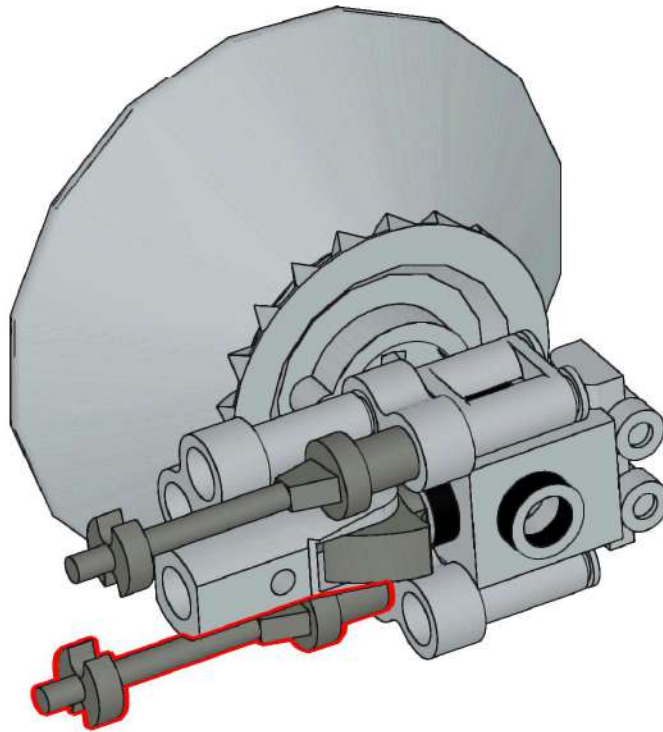
93



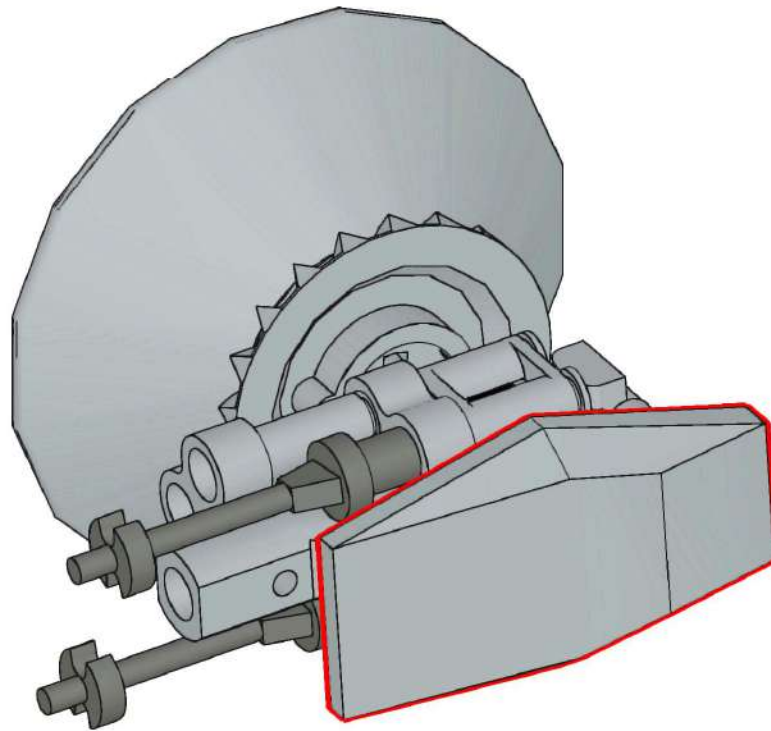
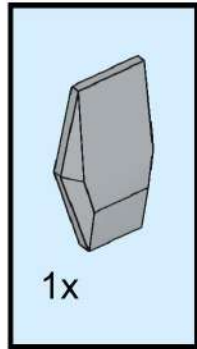
94



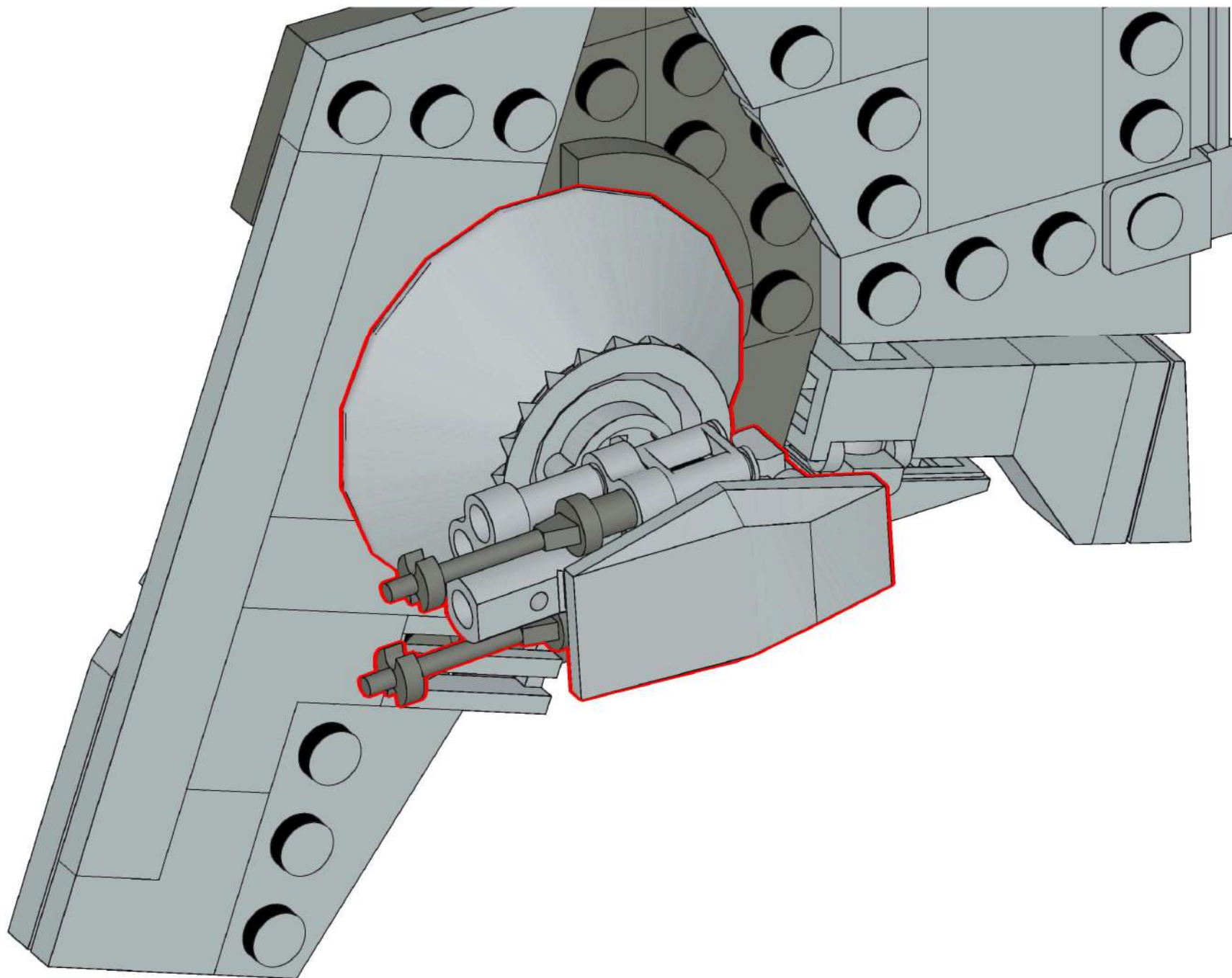
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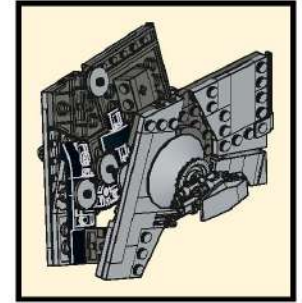
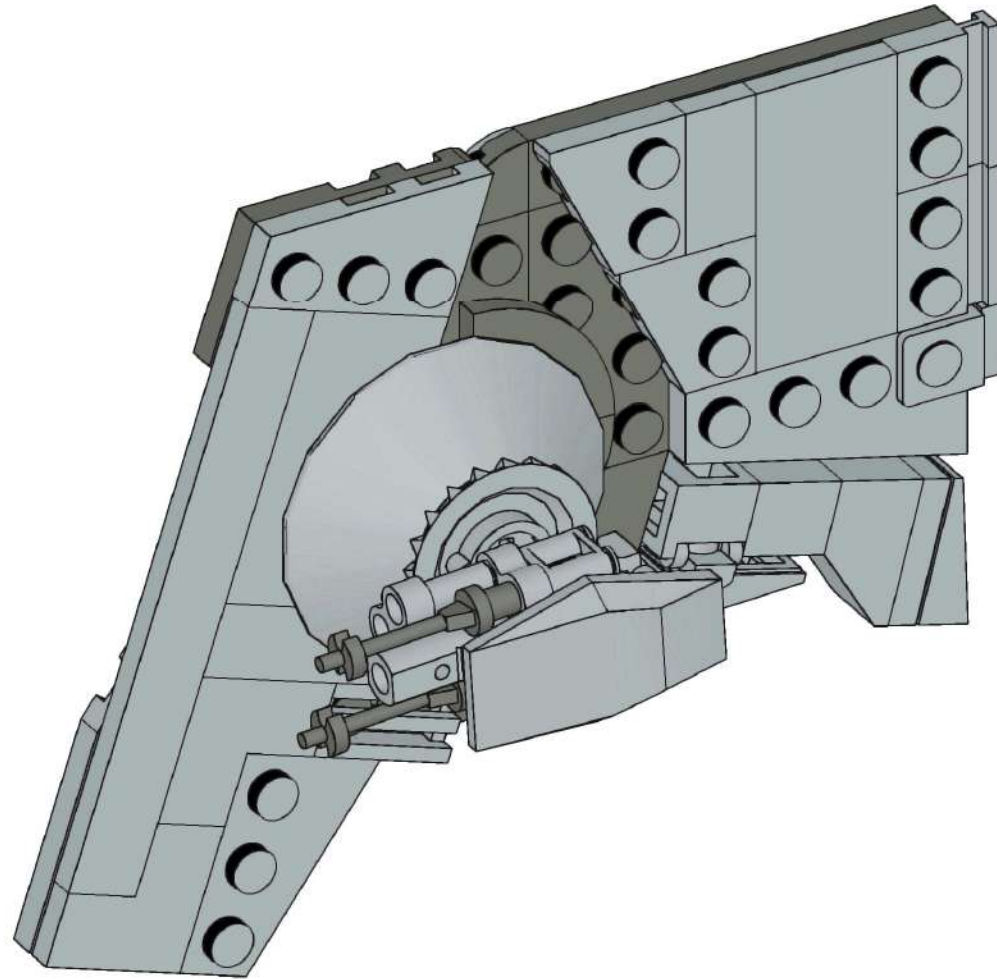
96



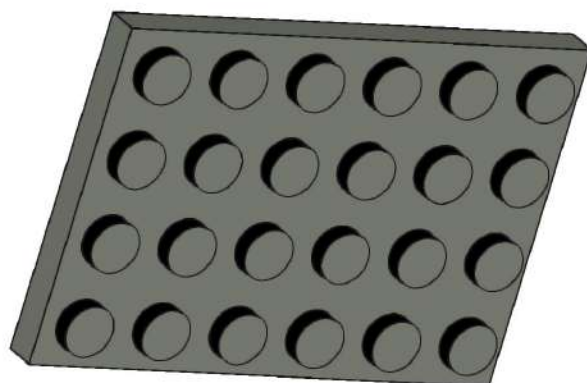
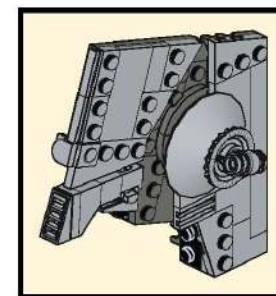
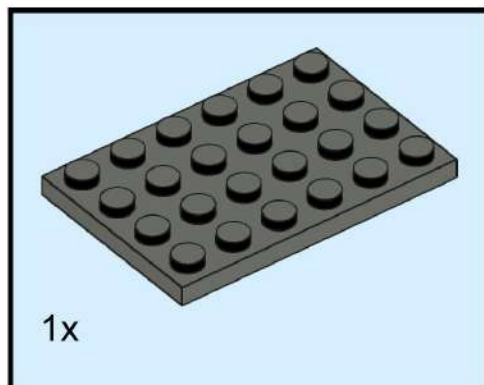
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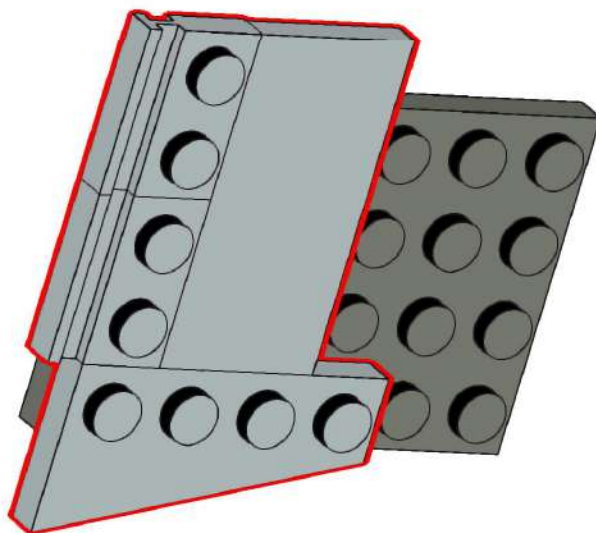
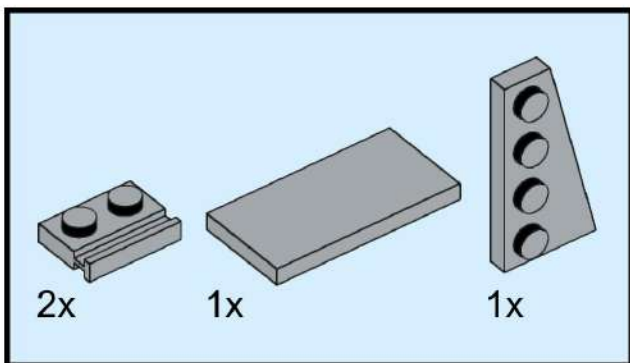
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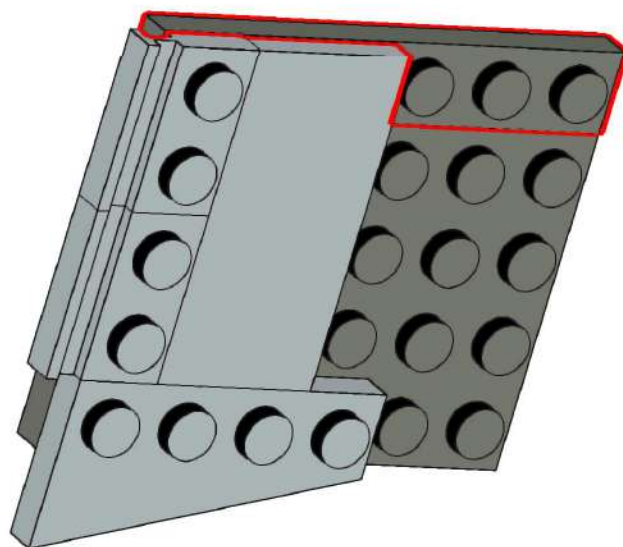
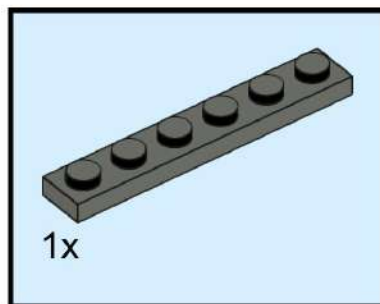
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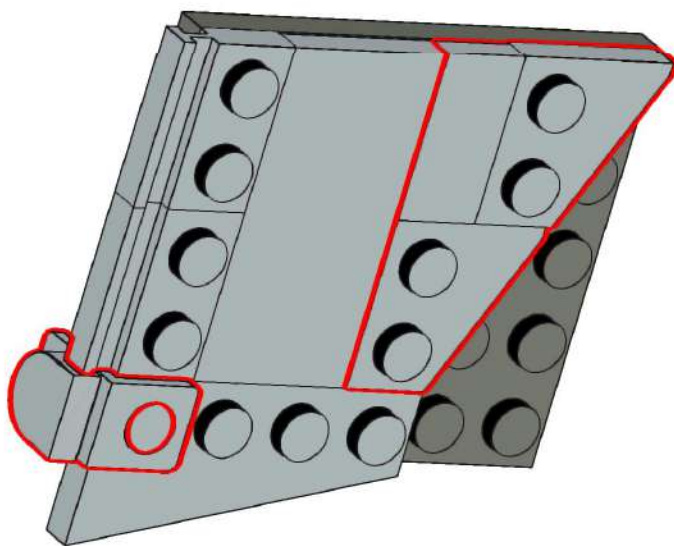
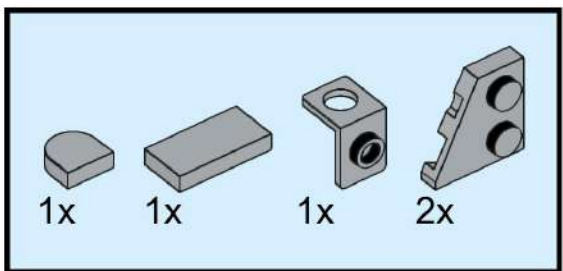
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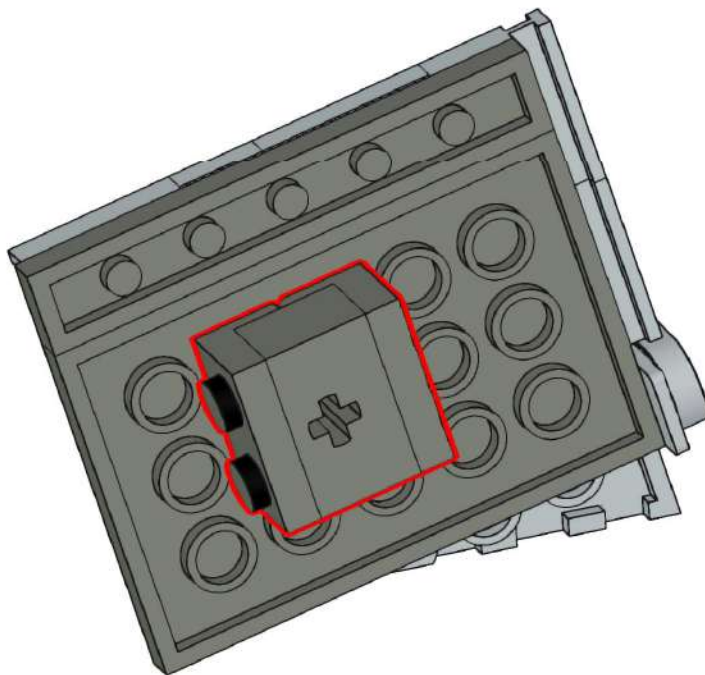
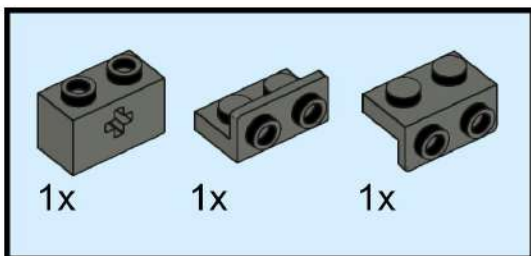
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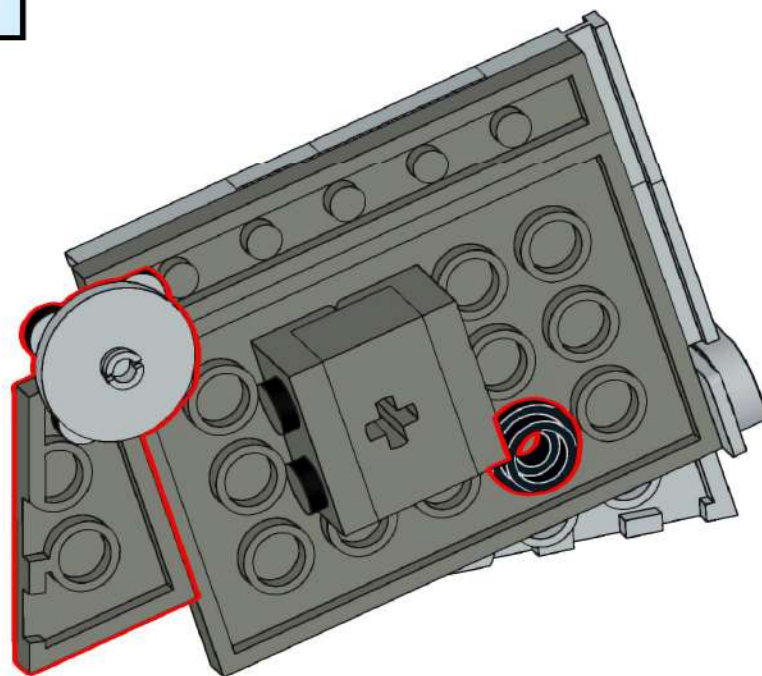
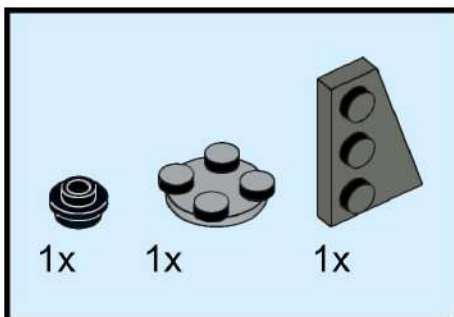
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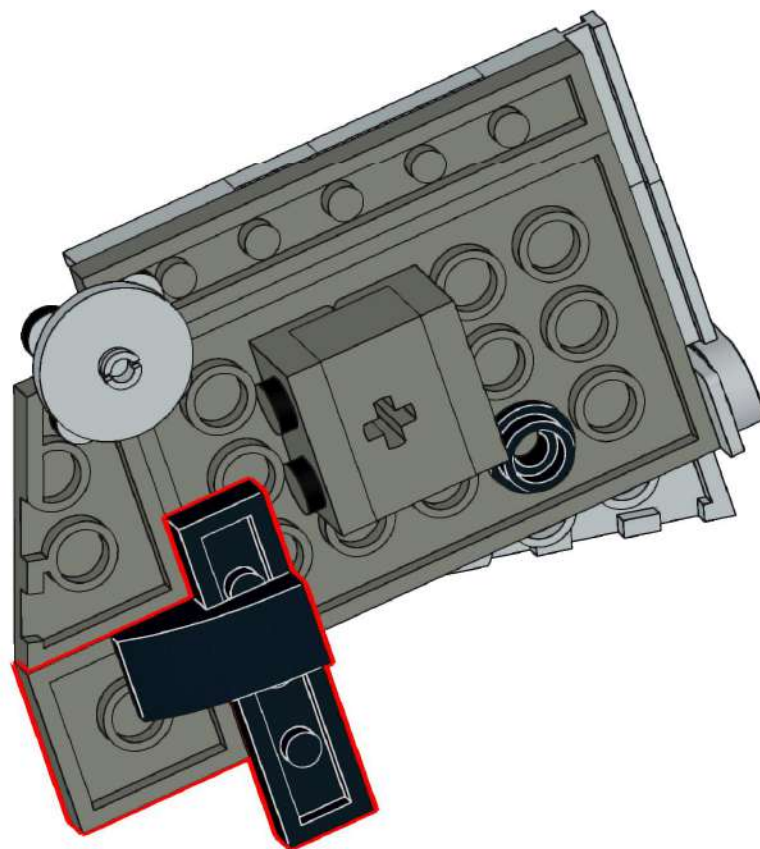
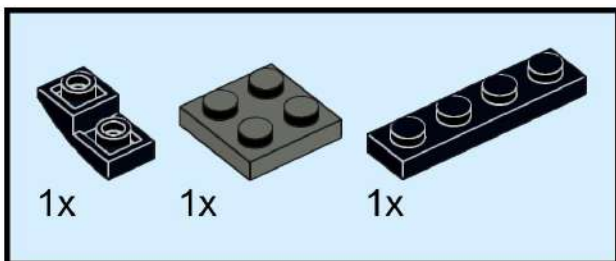
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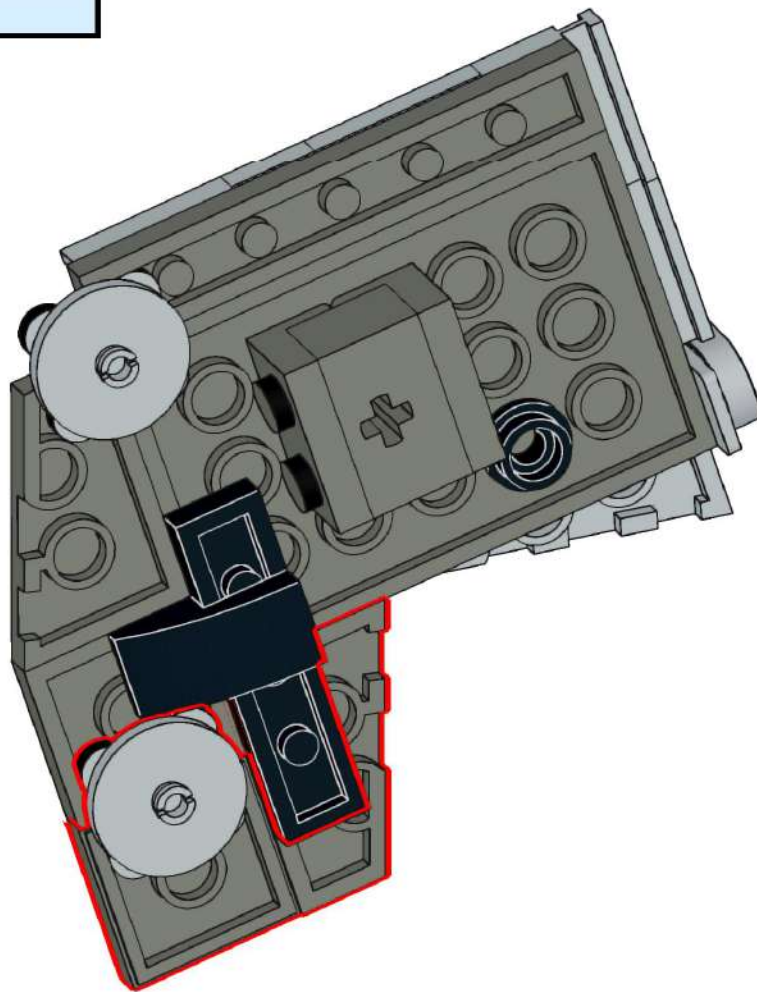
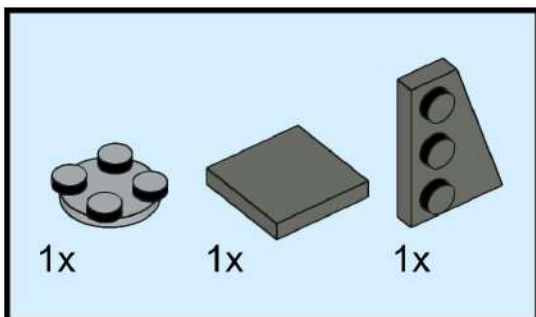
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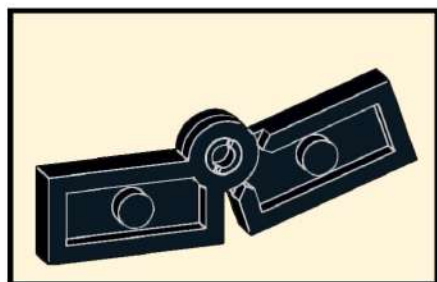
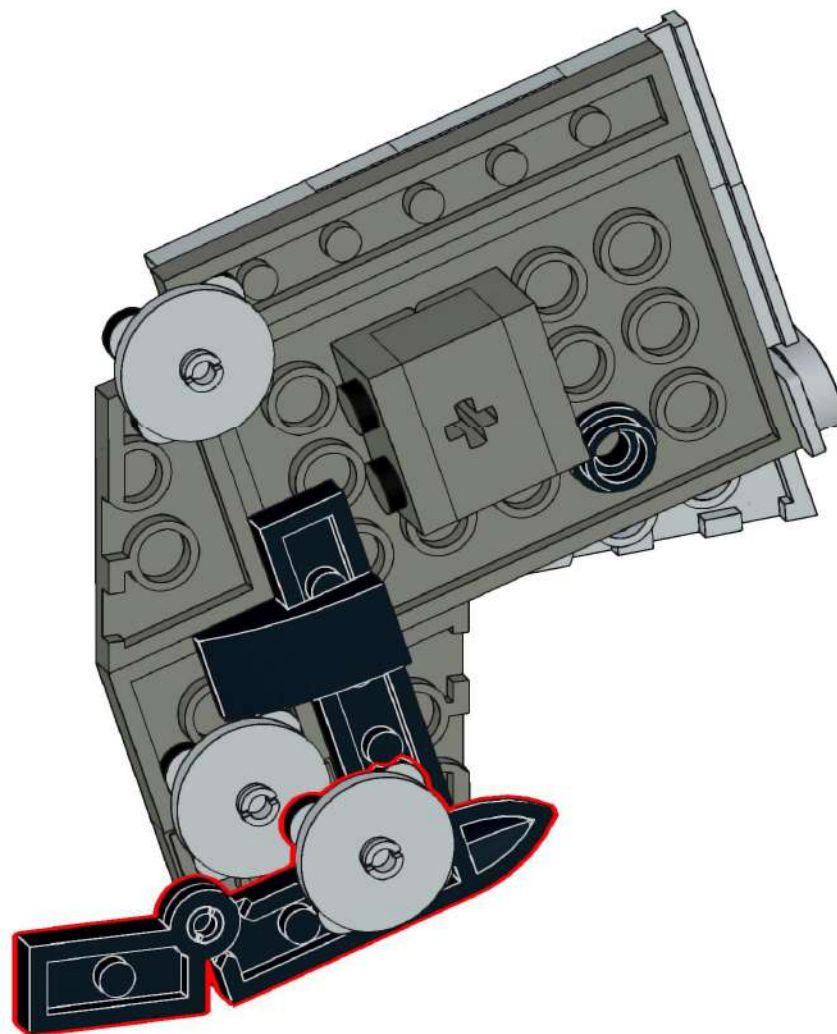
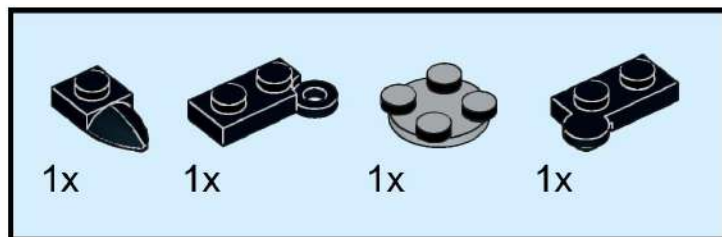
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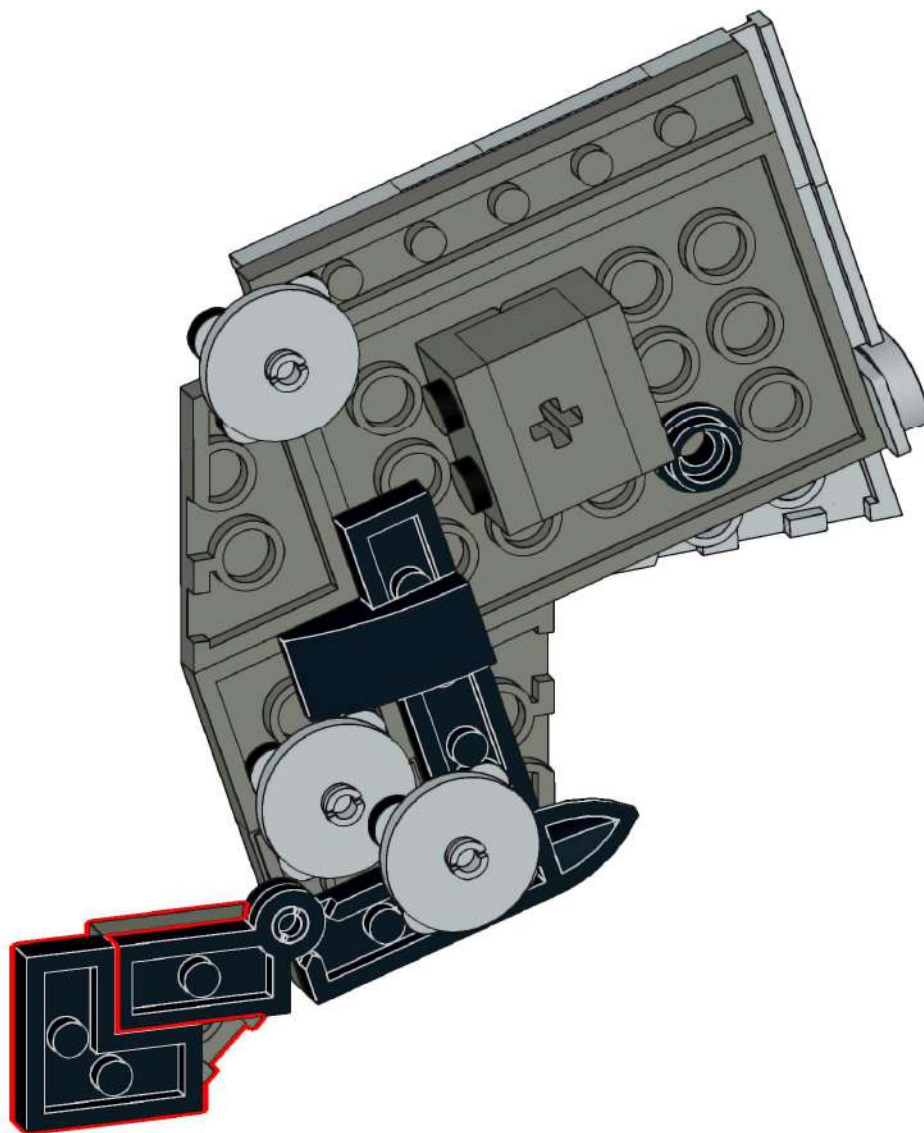
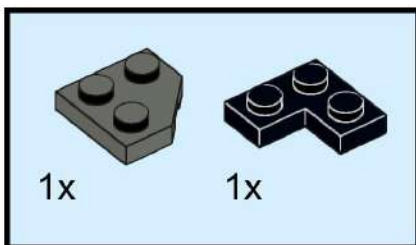
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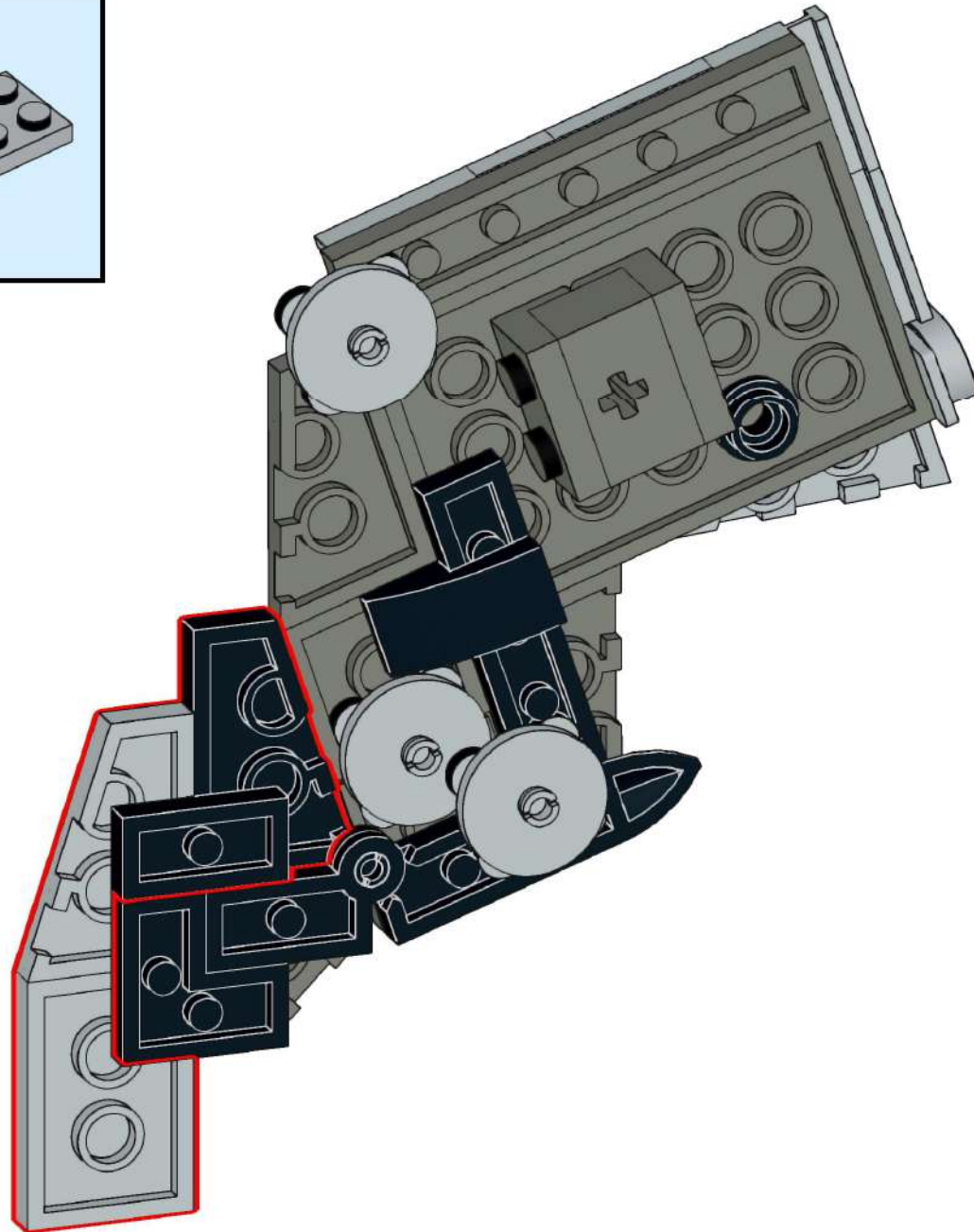
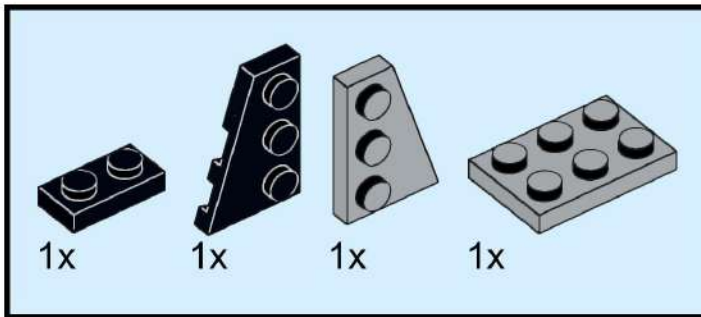
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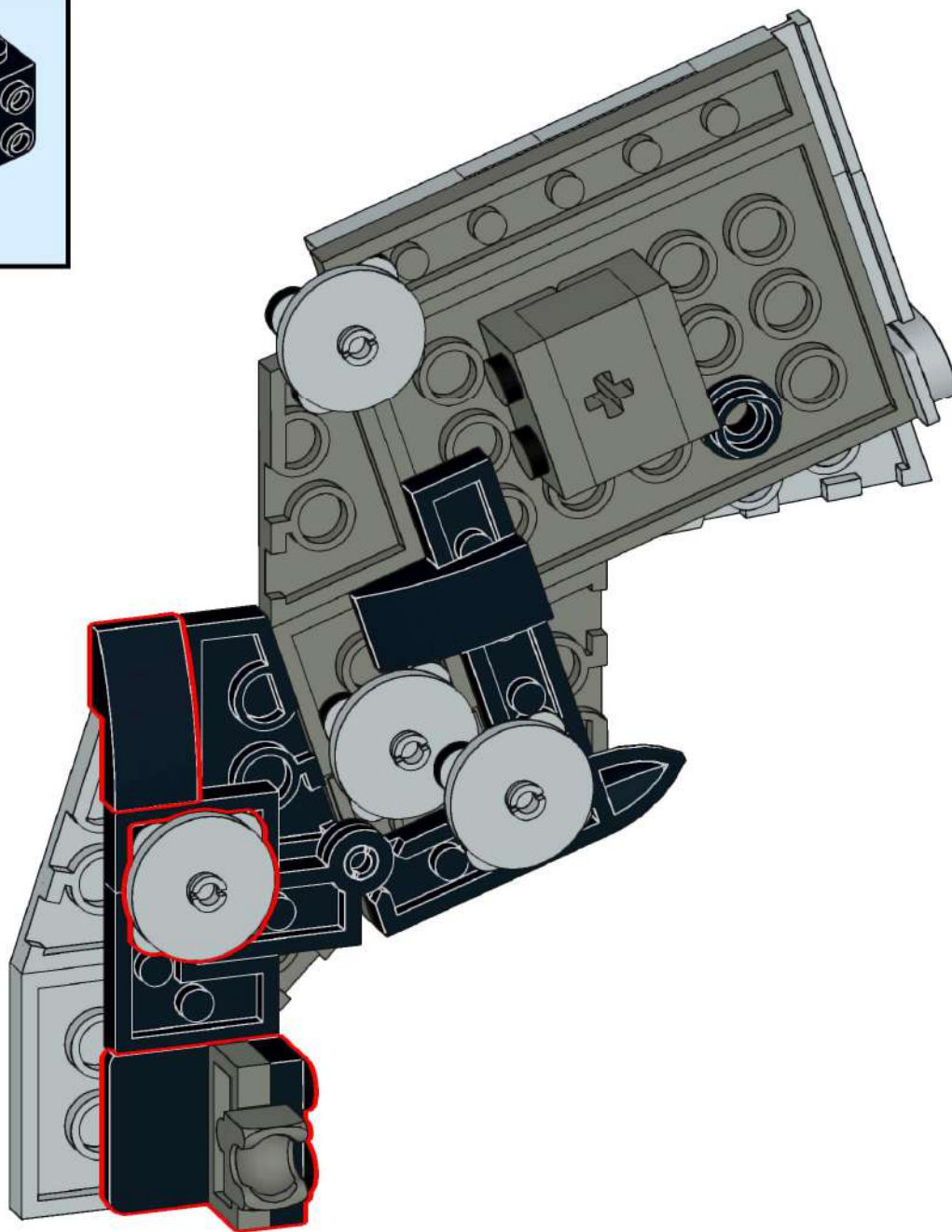
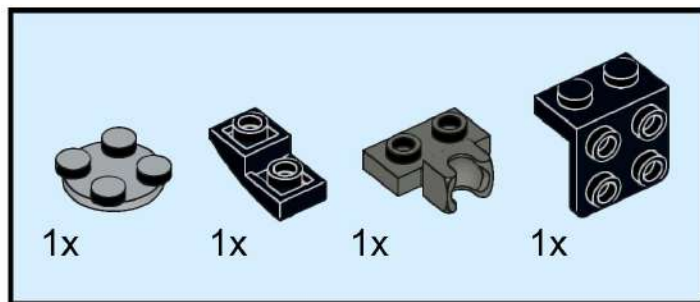
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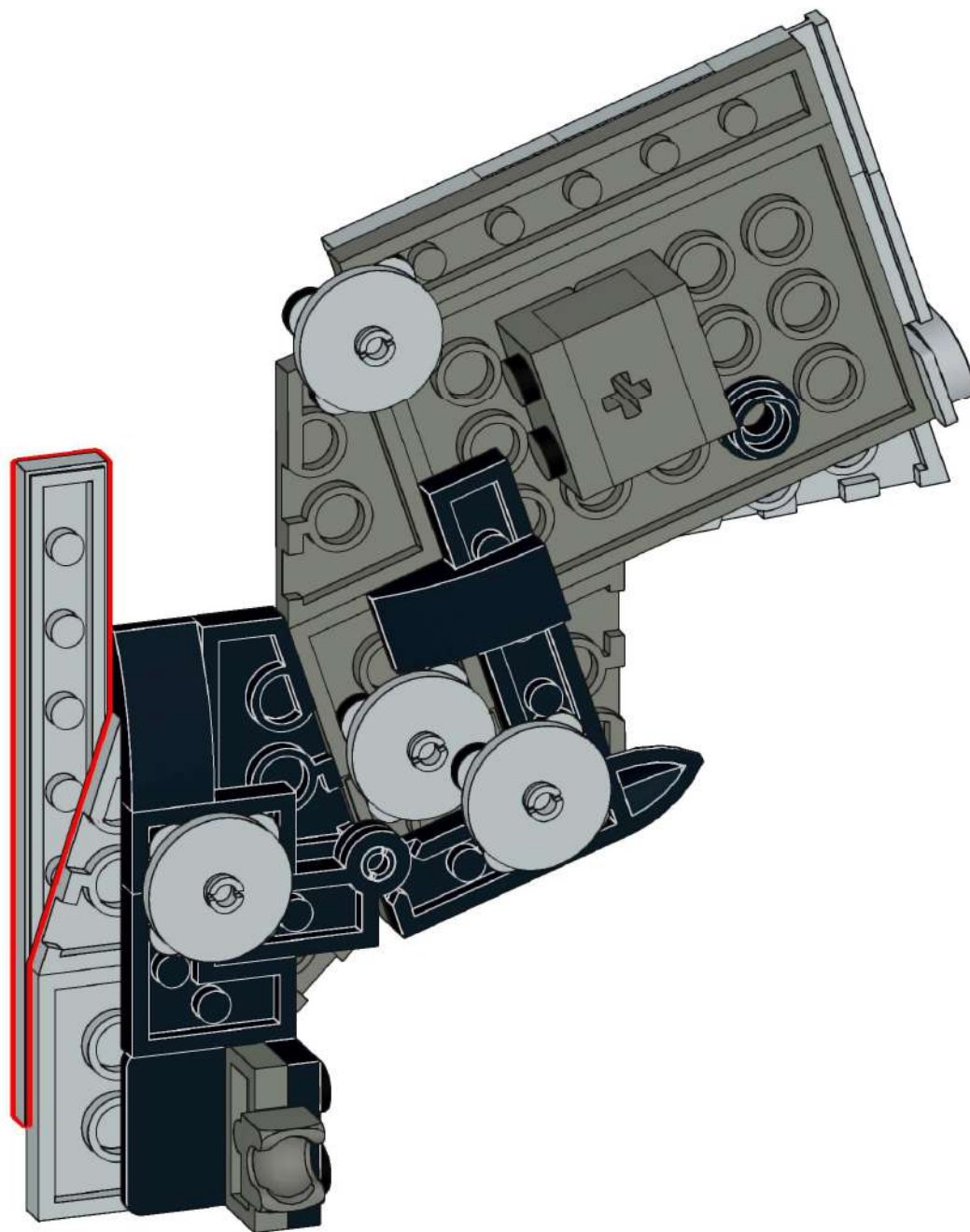
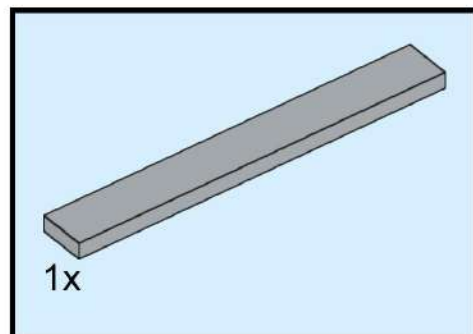
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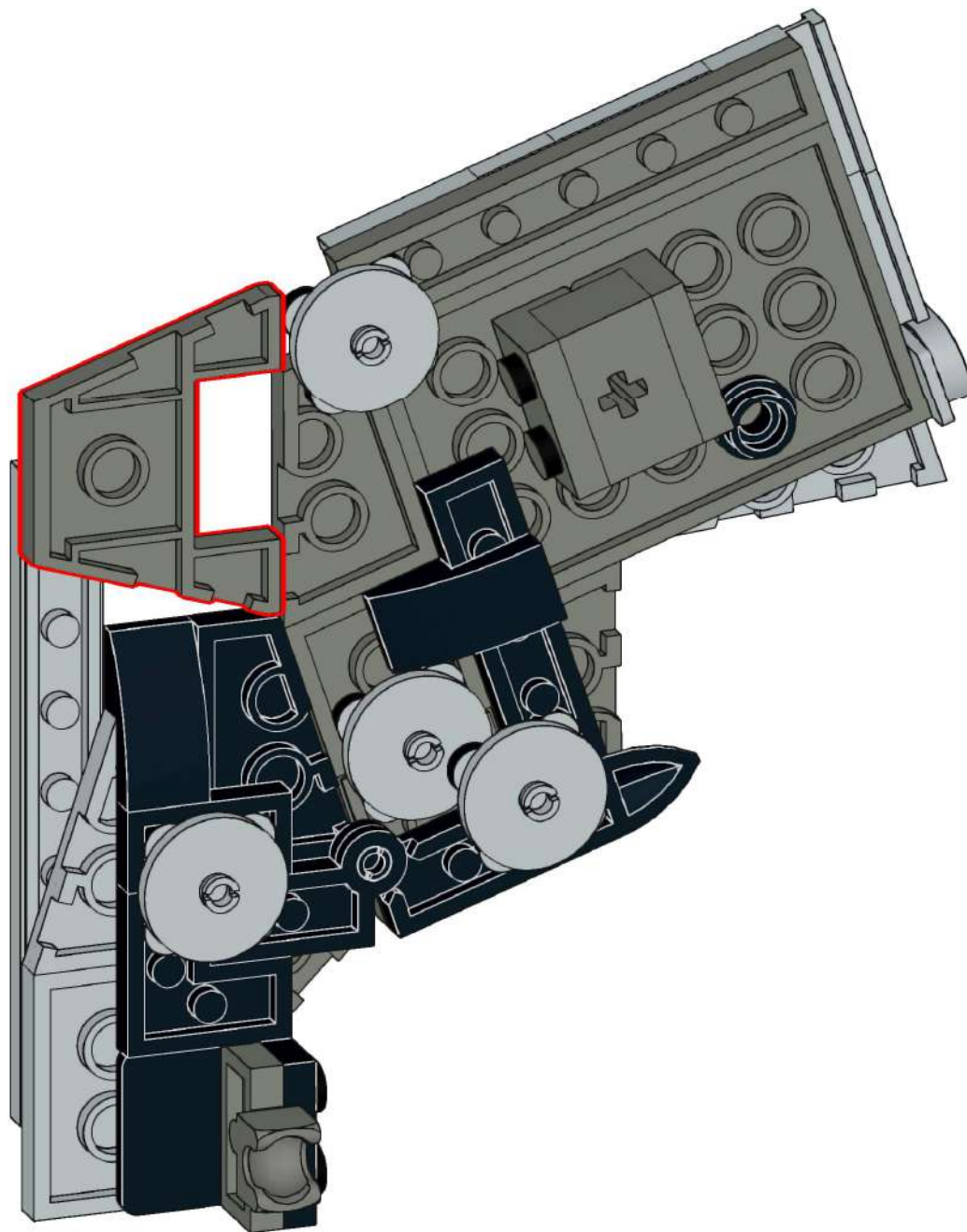
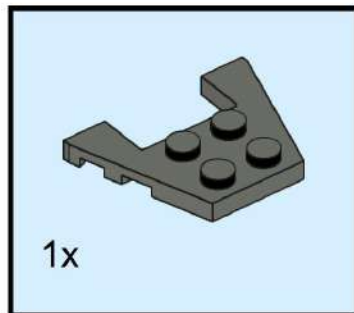
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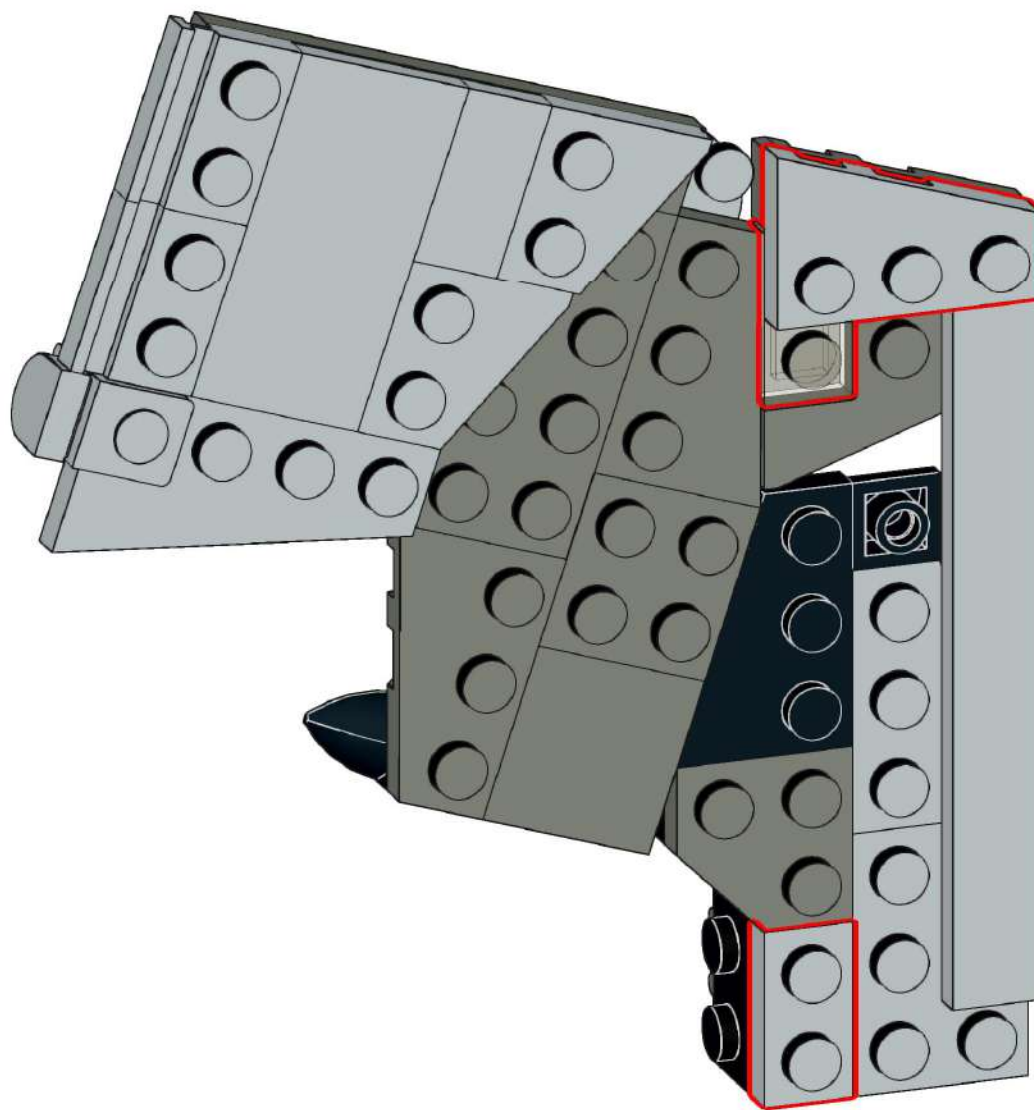
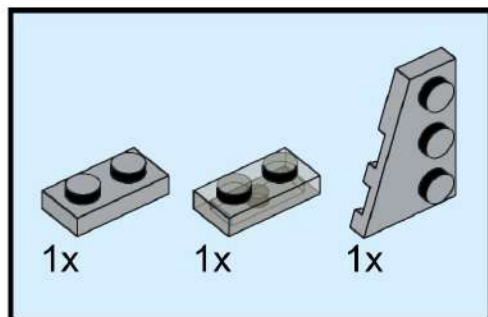
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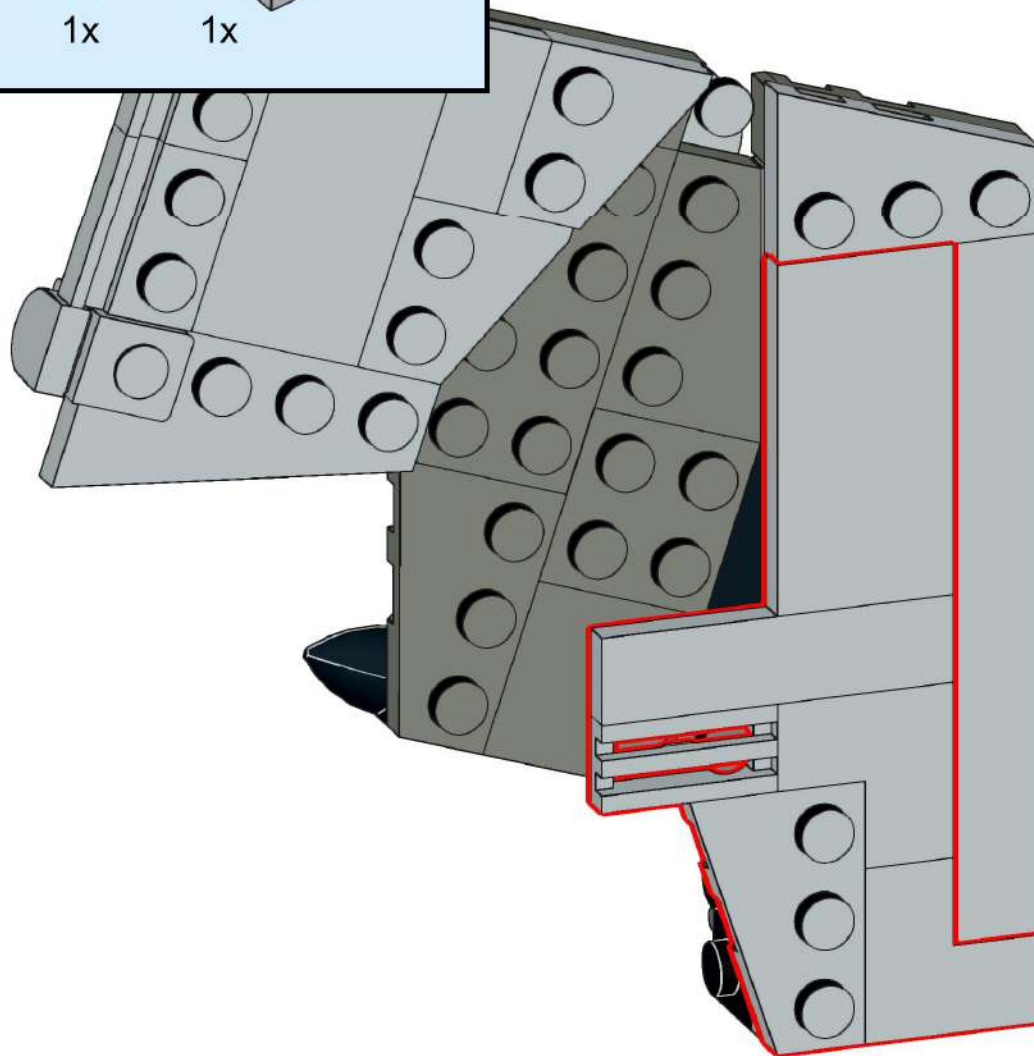
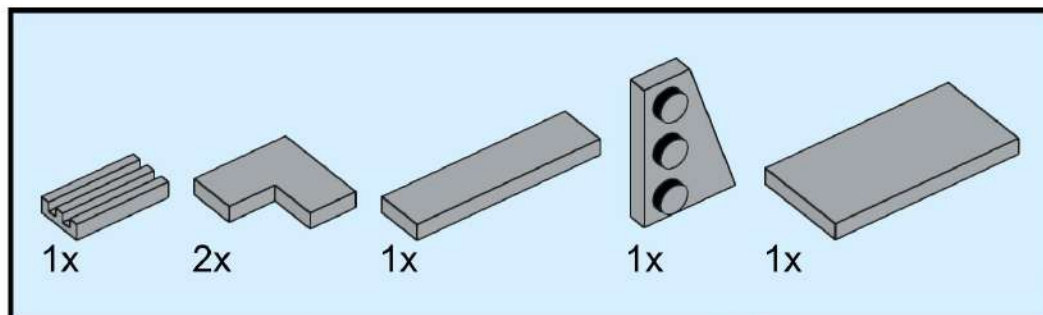
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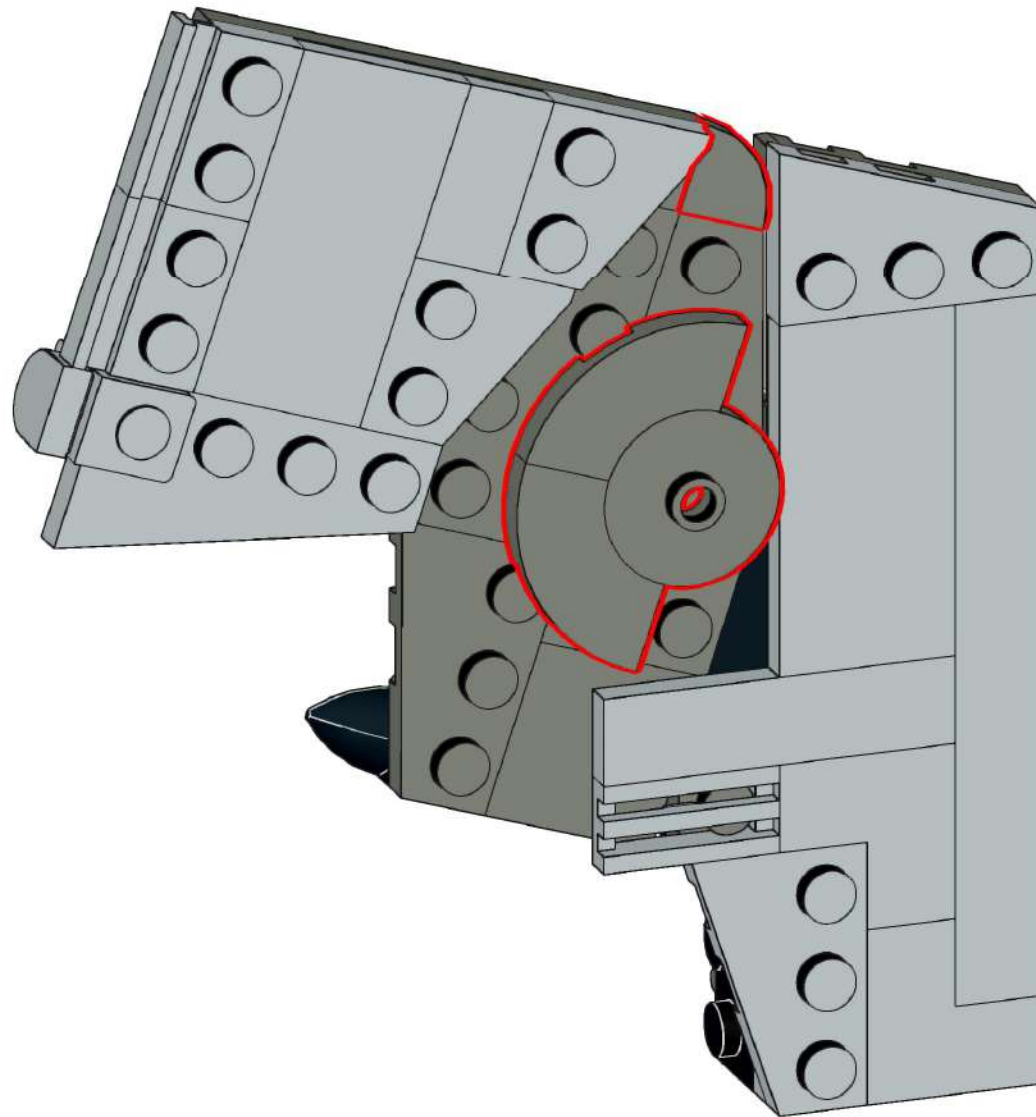
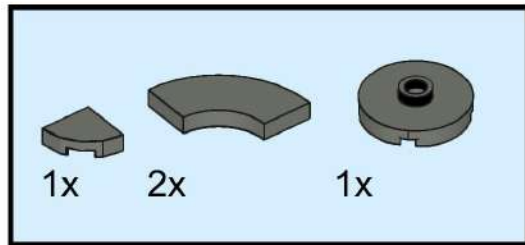
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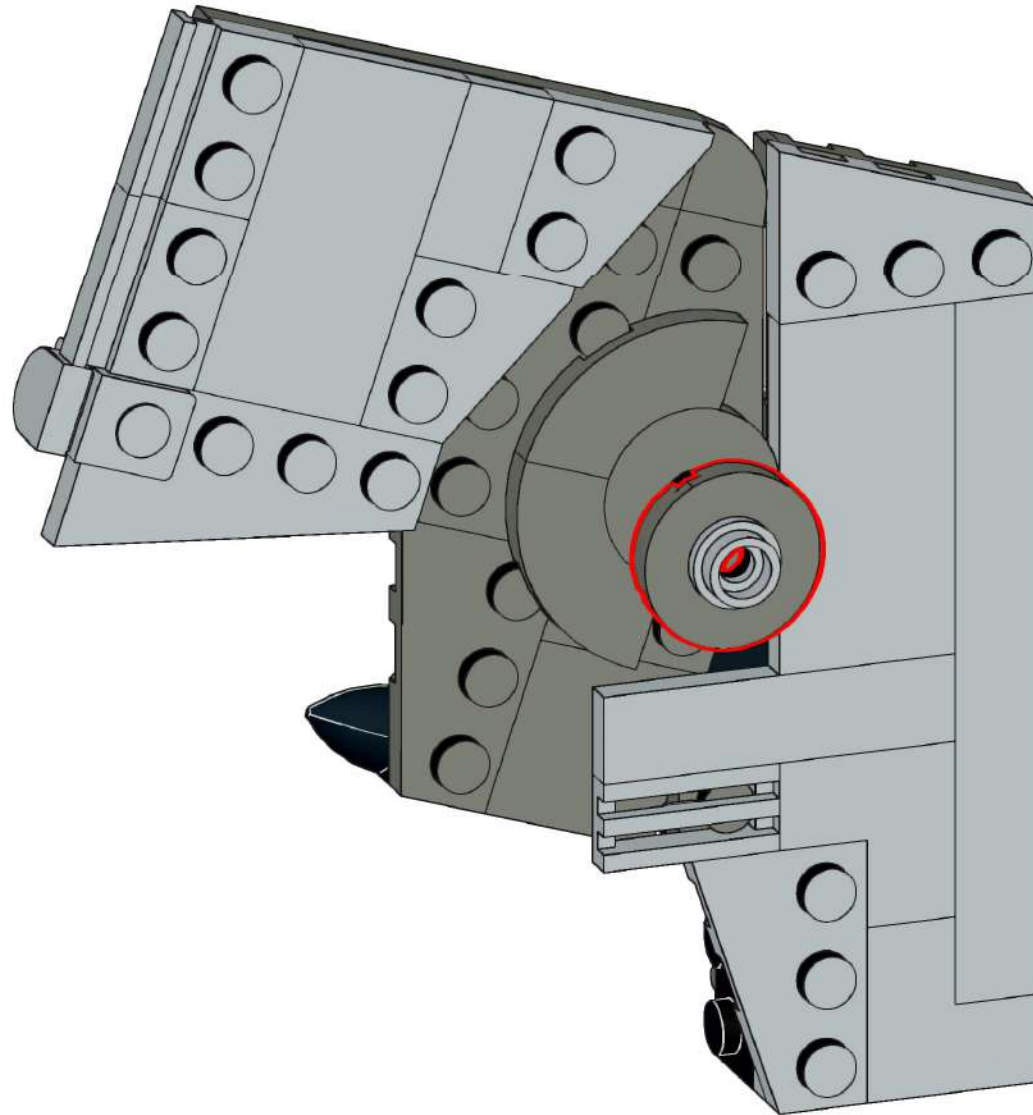
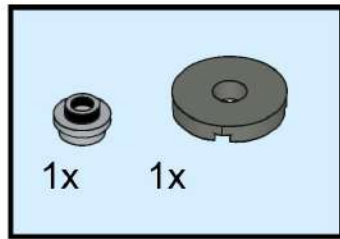
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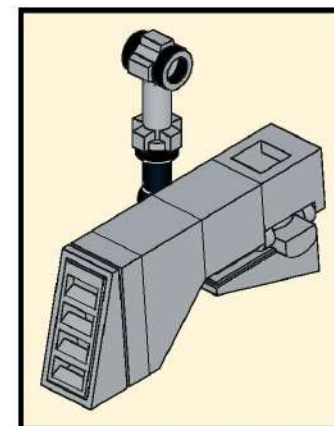
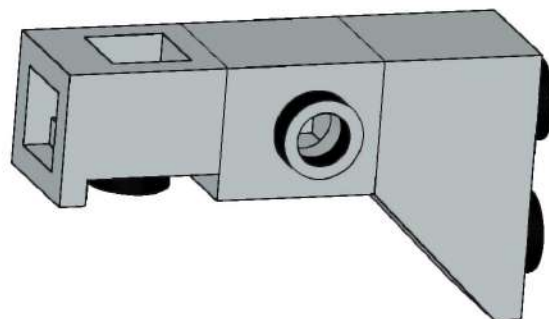
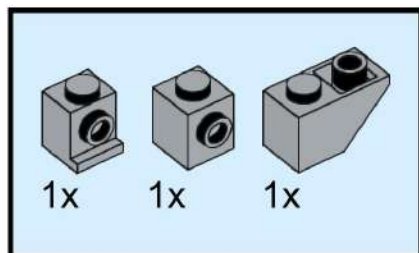
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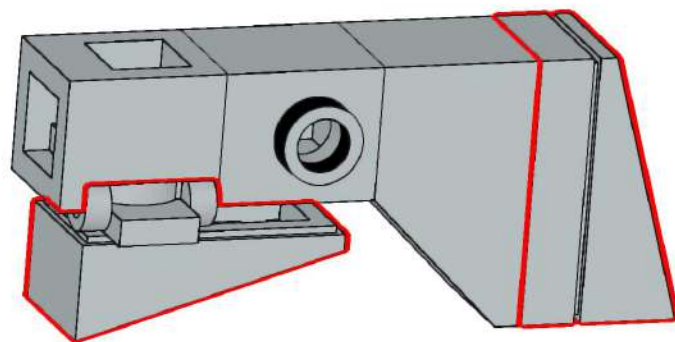
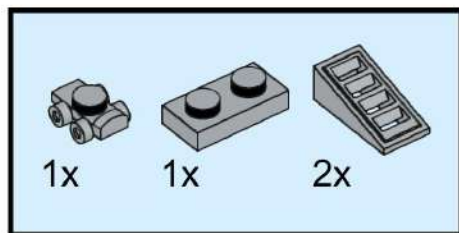
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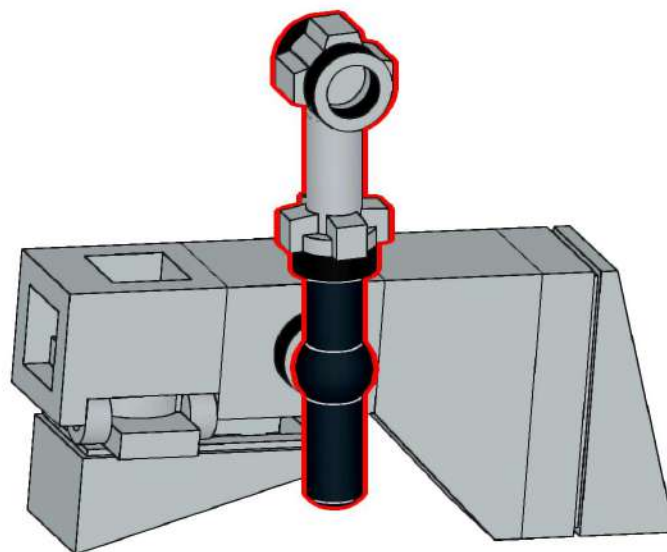
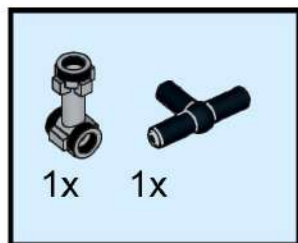
117



118

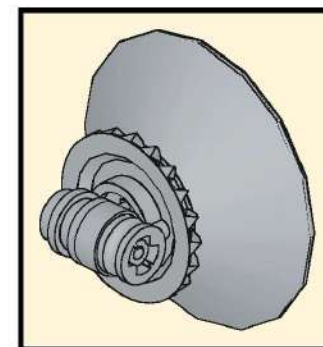
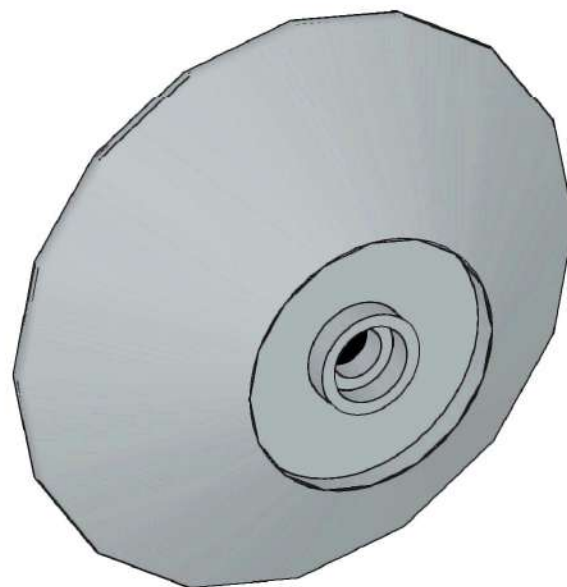
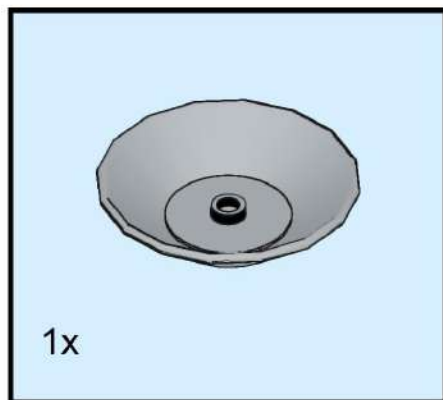


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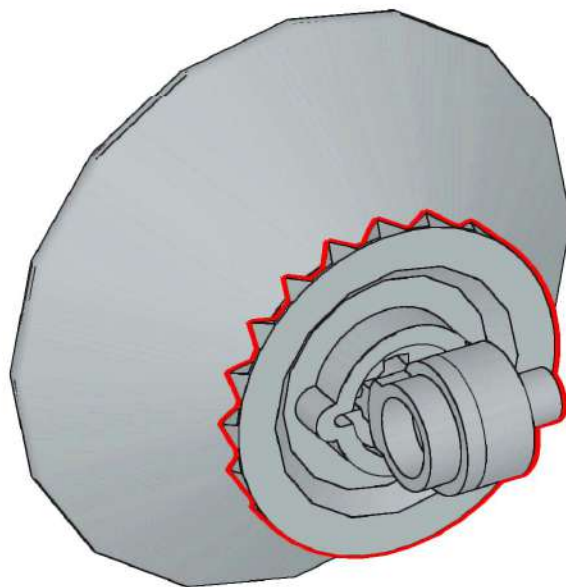
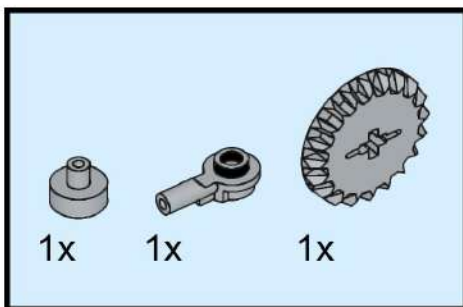


[illegible]

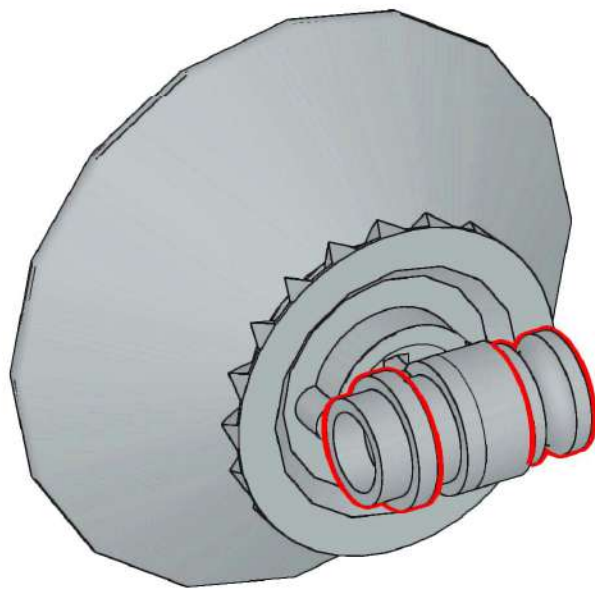
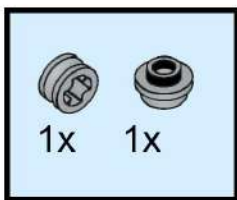
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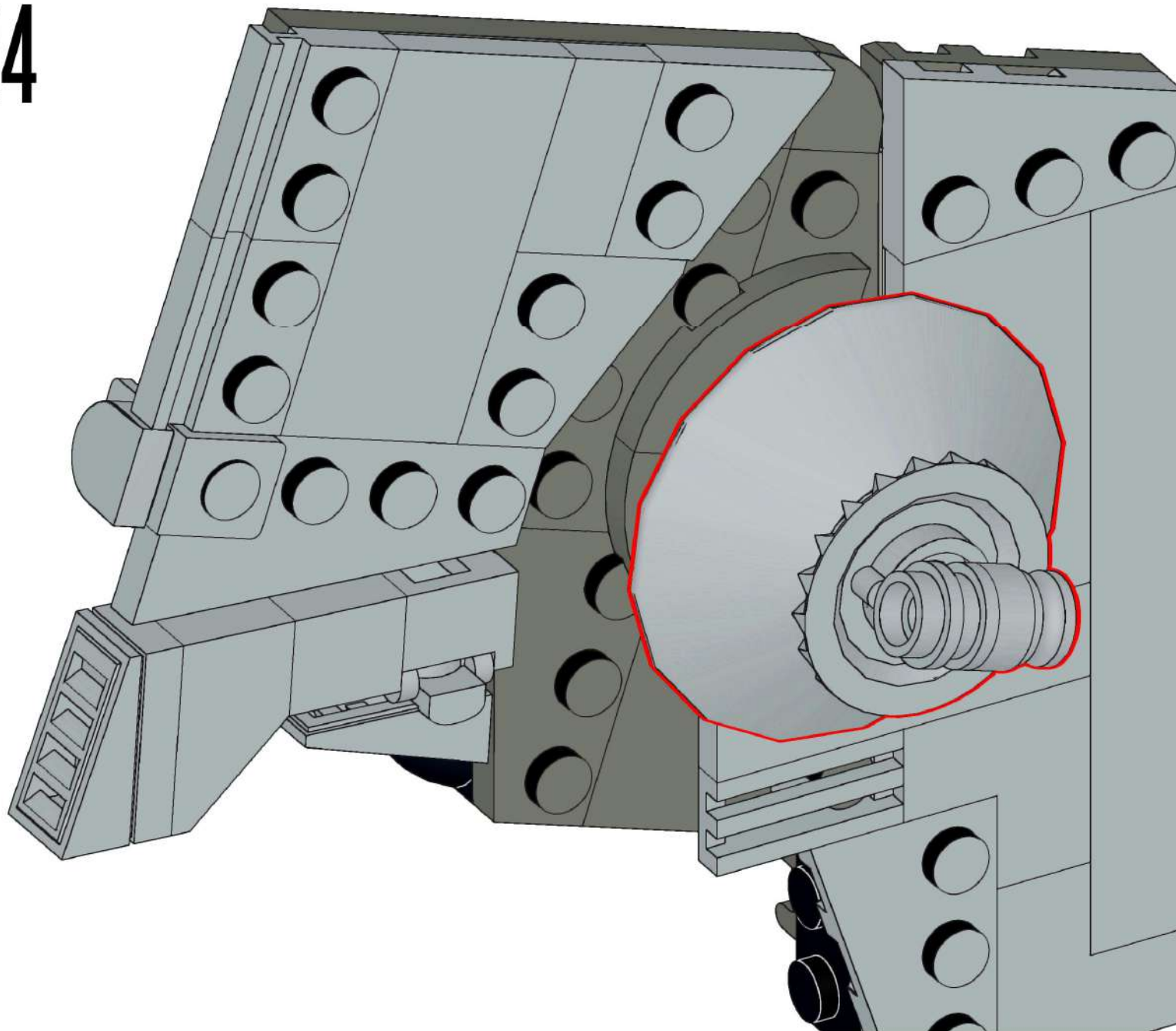
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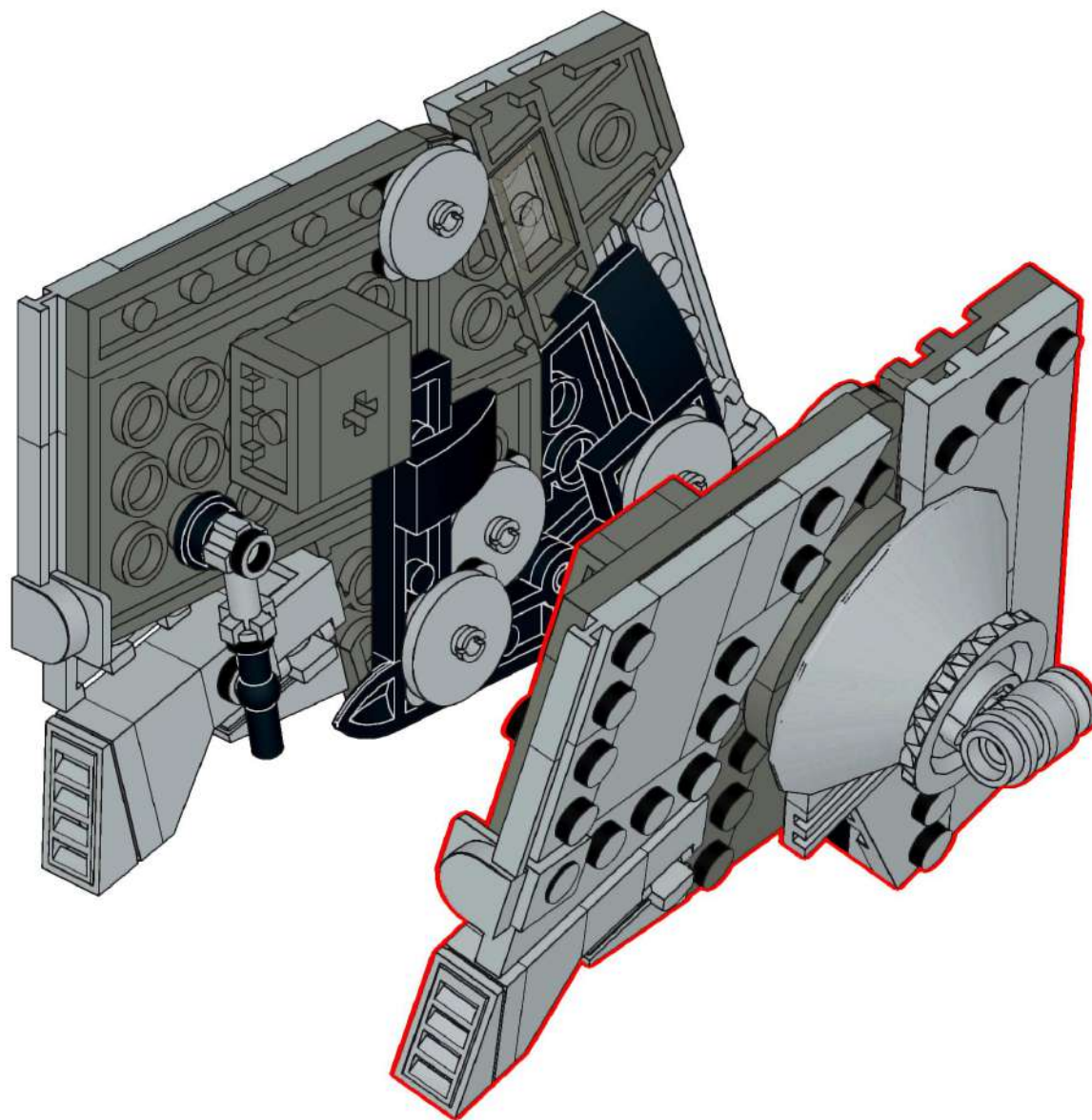
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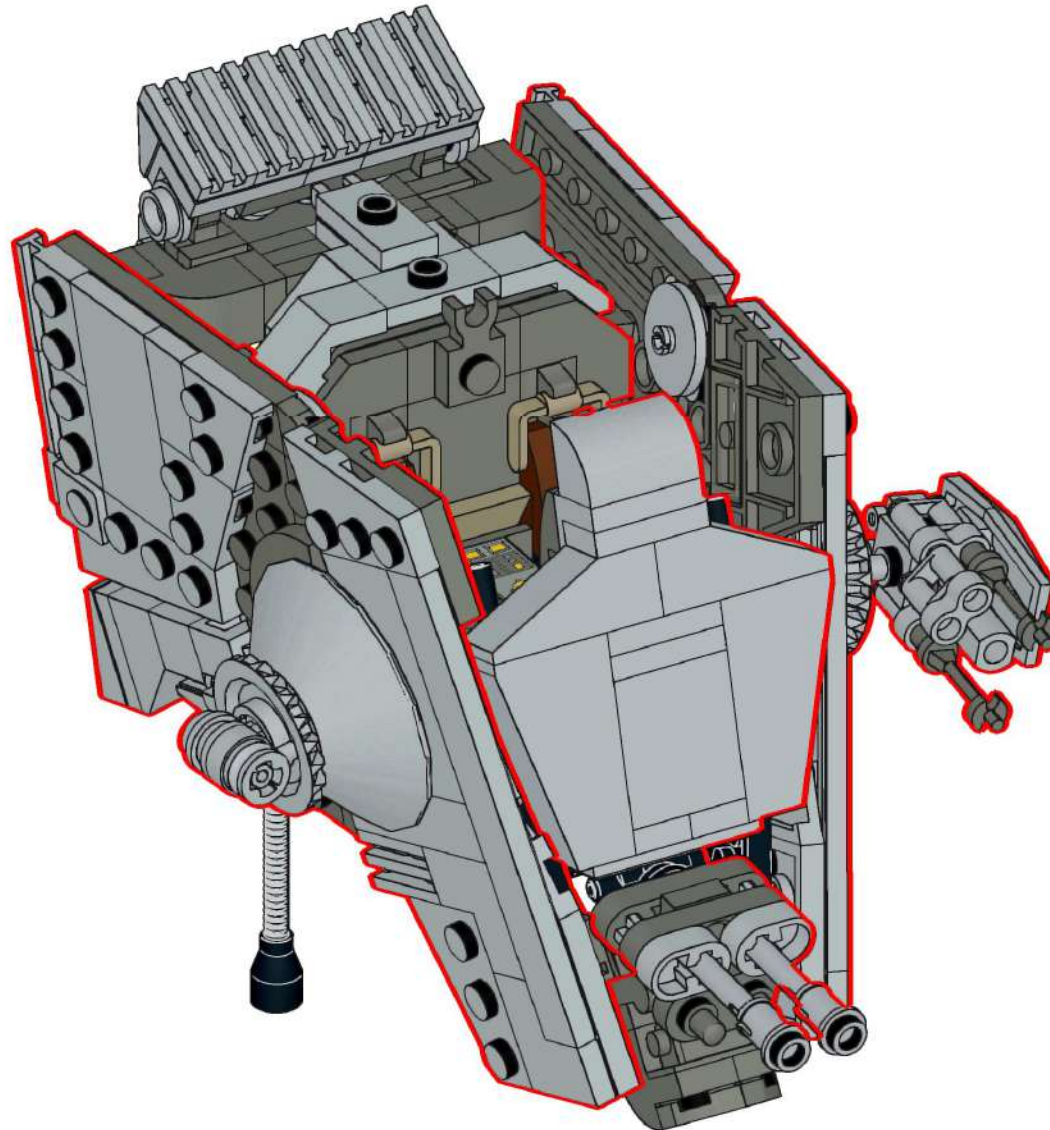
124



125



126



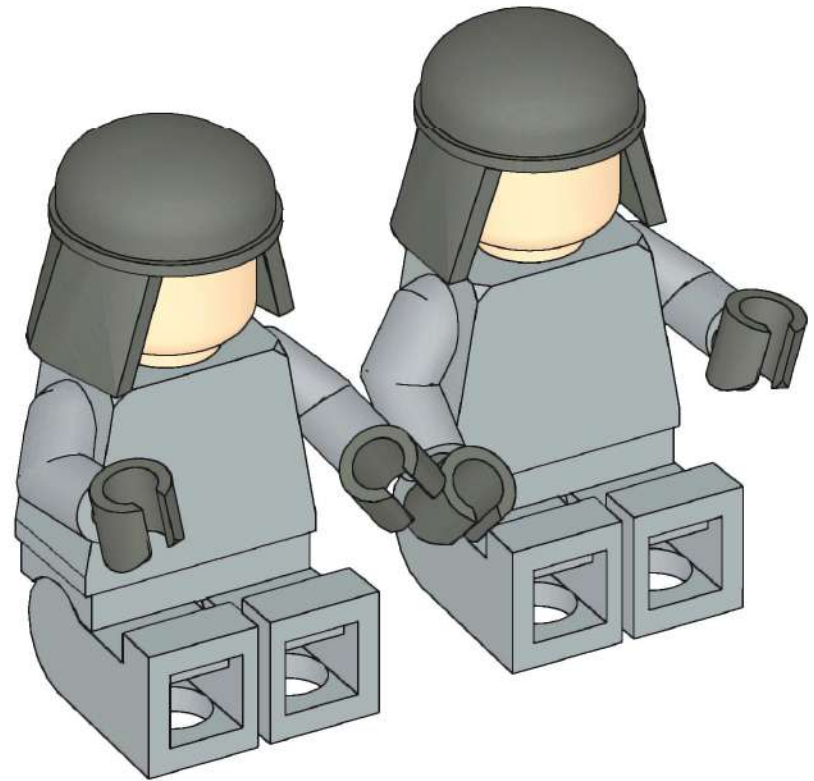
Yep, the mantle is fragile. But that's the price to pay for a better look, and room for the two pilots.

127

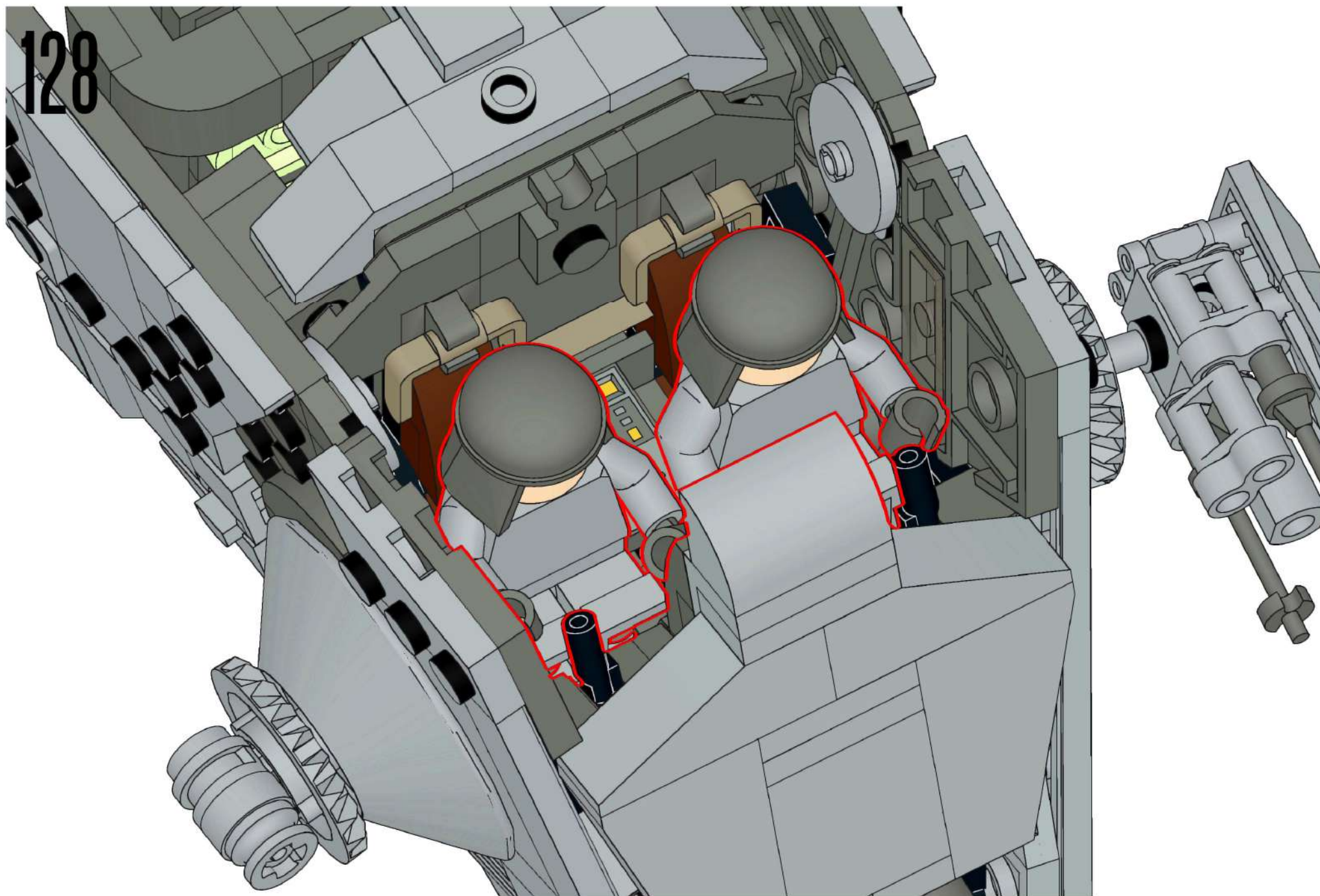
Minifigs:

AT-ST pilot sw0797 from set 75153,
with goggles on the helmet.

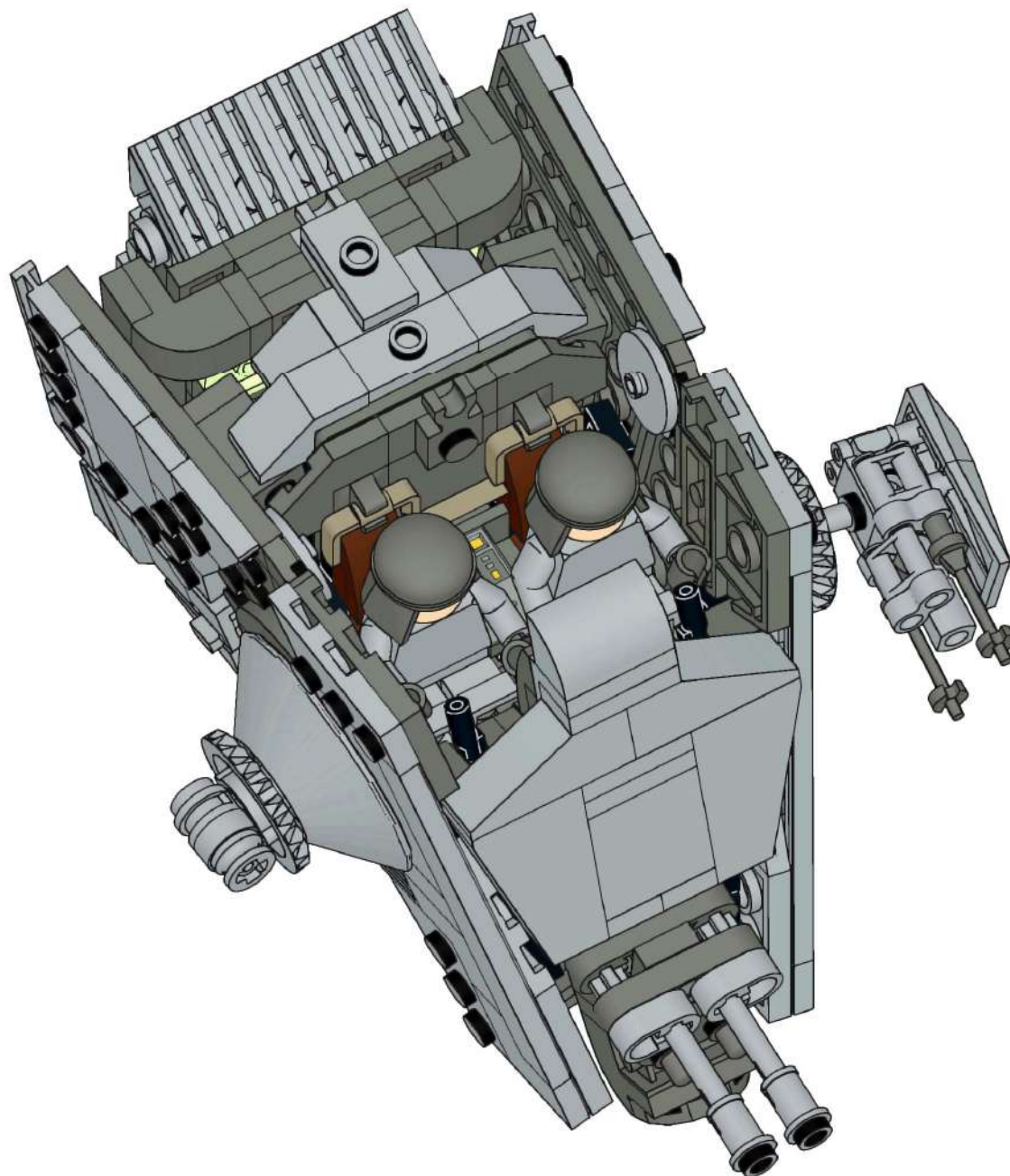
sw0401 or sw0093 for unprinted
helmet & goggles on head.



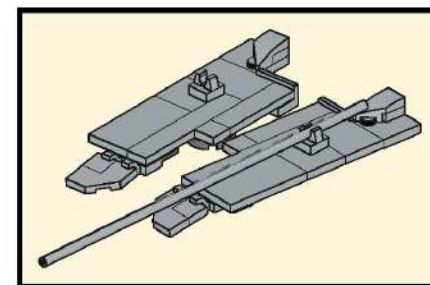
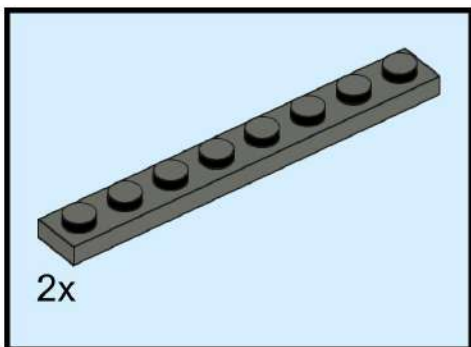
128



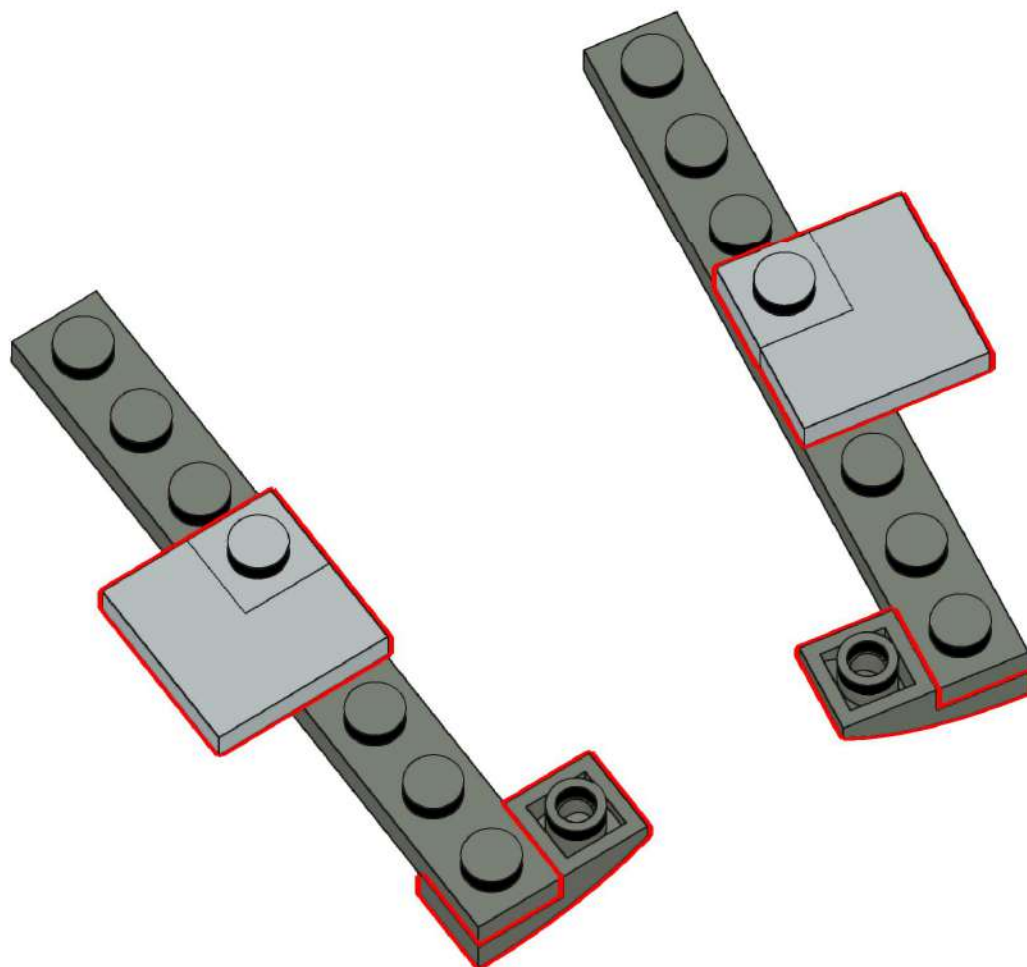
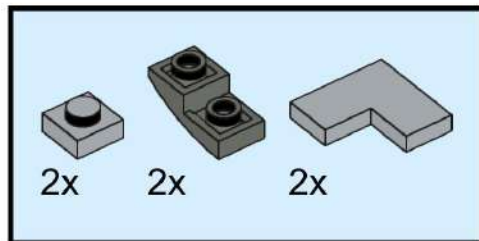
129



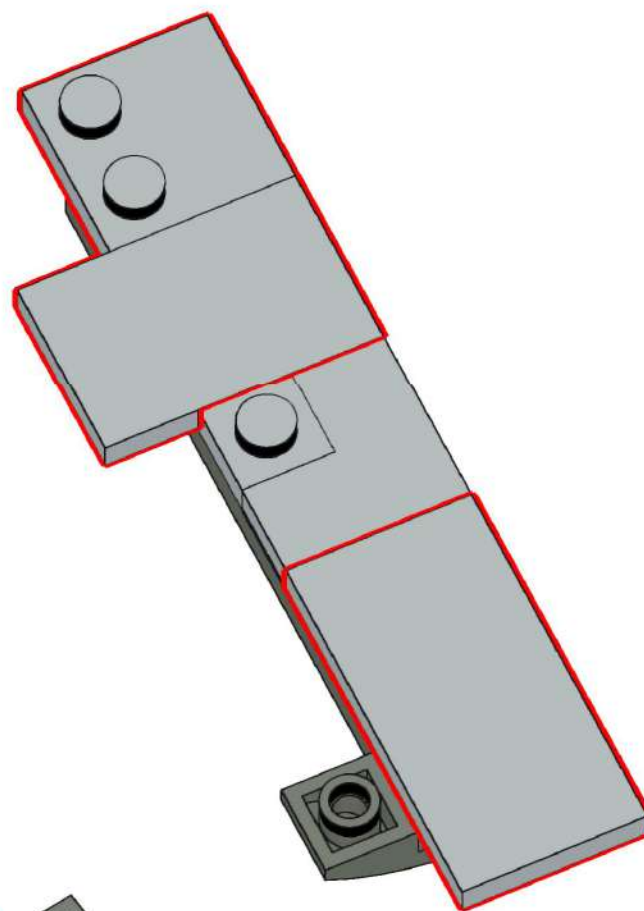
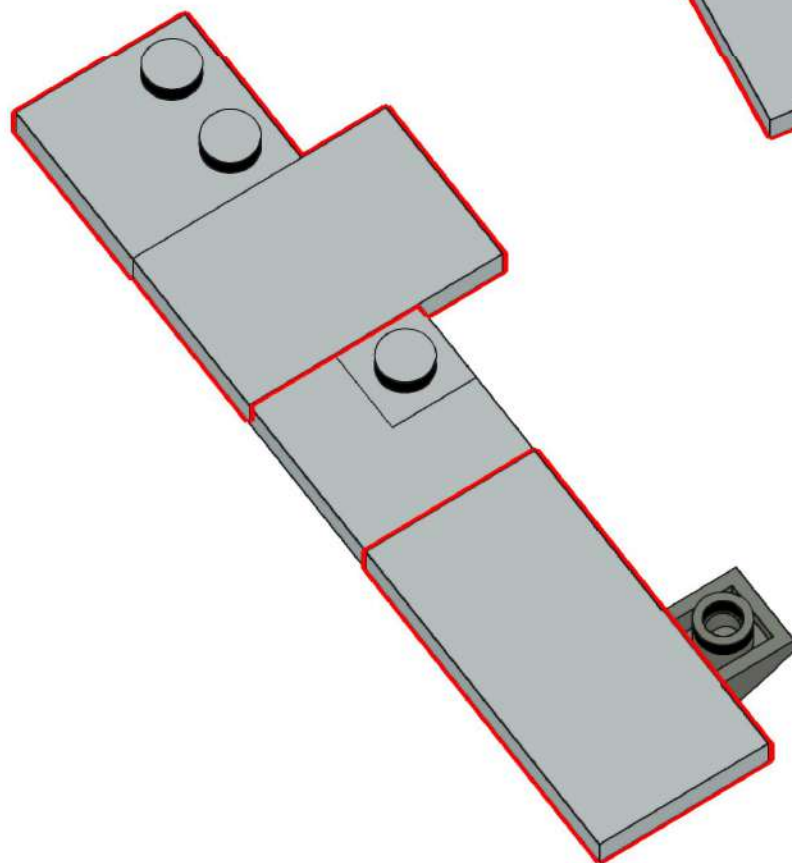
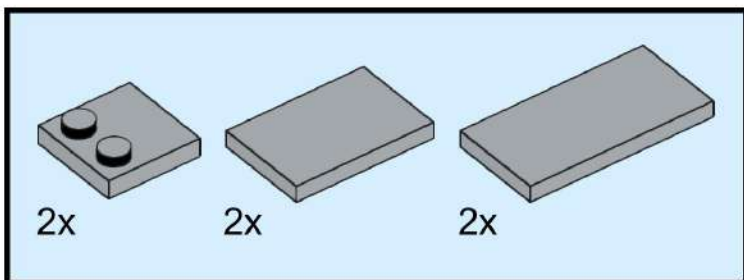
130



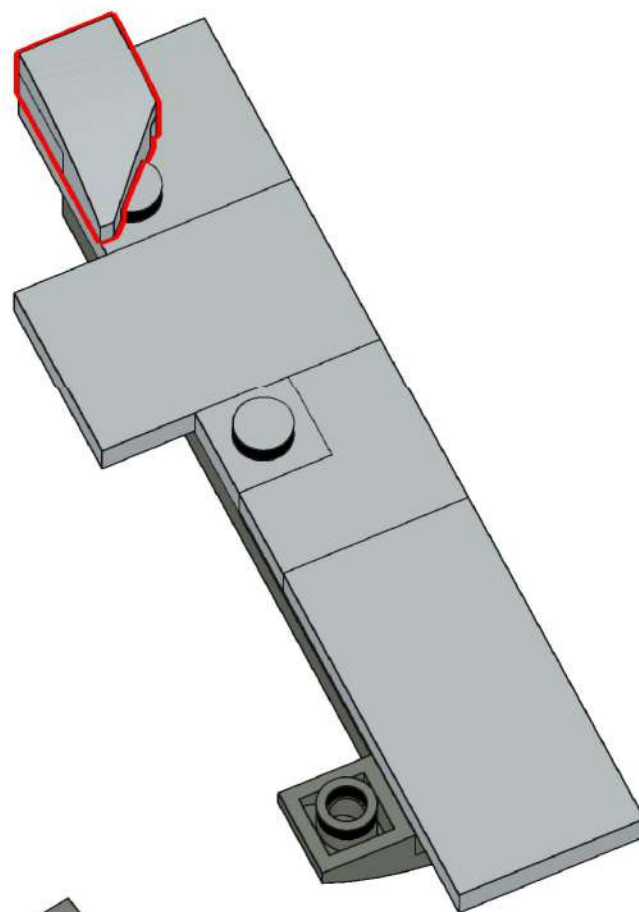
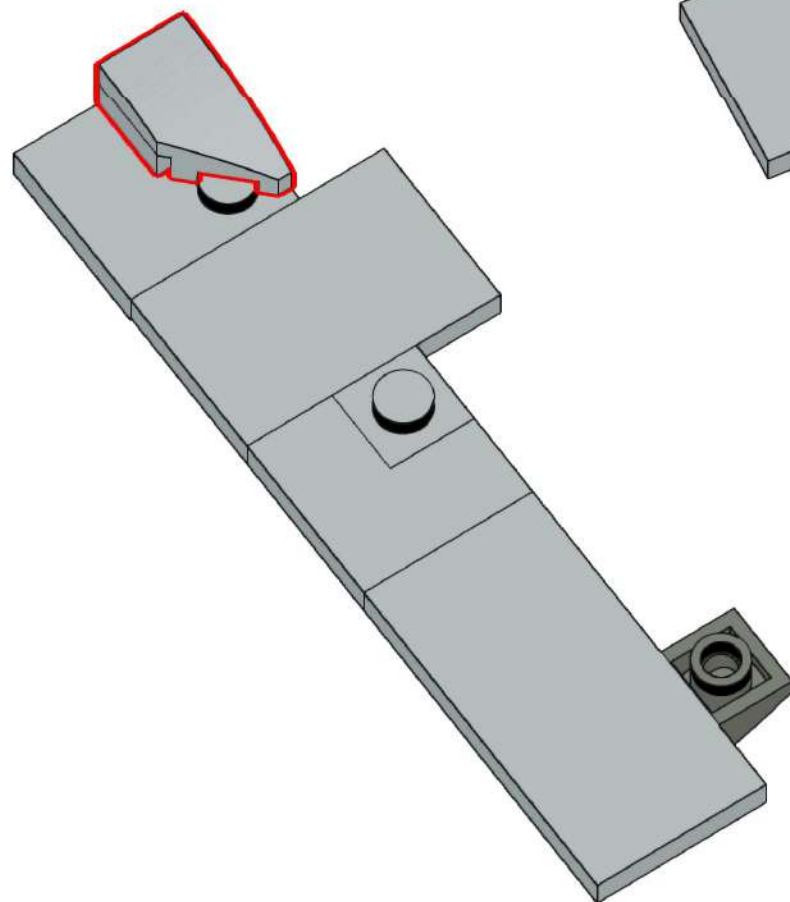
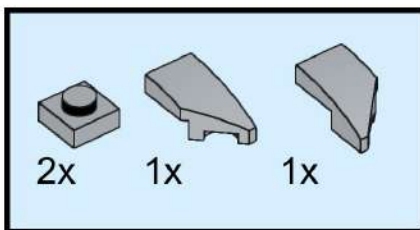
131



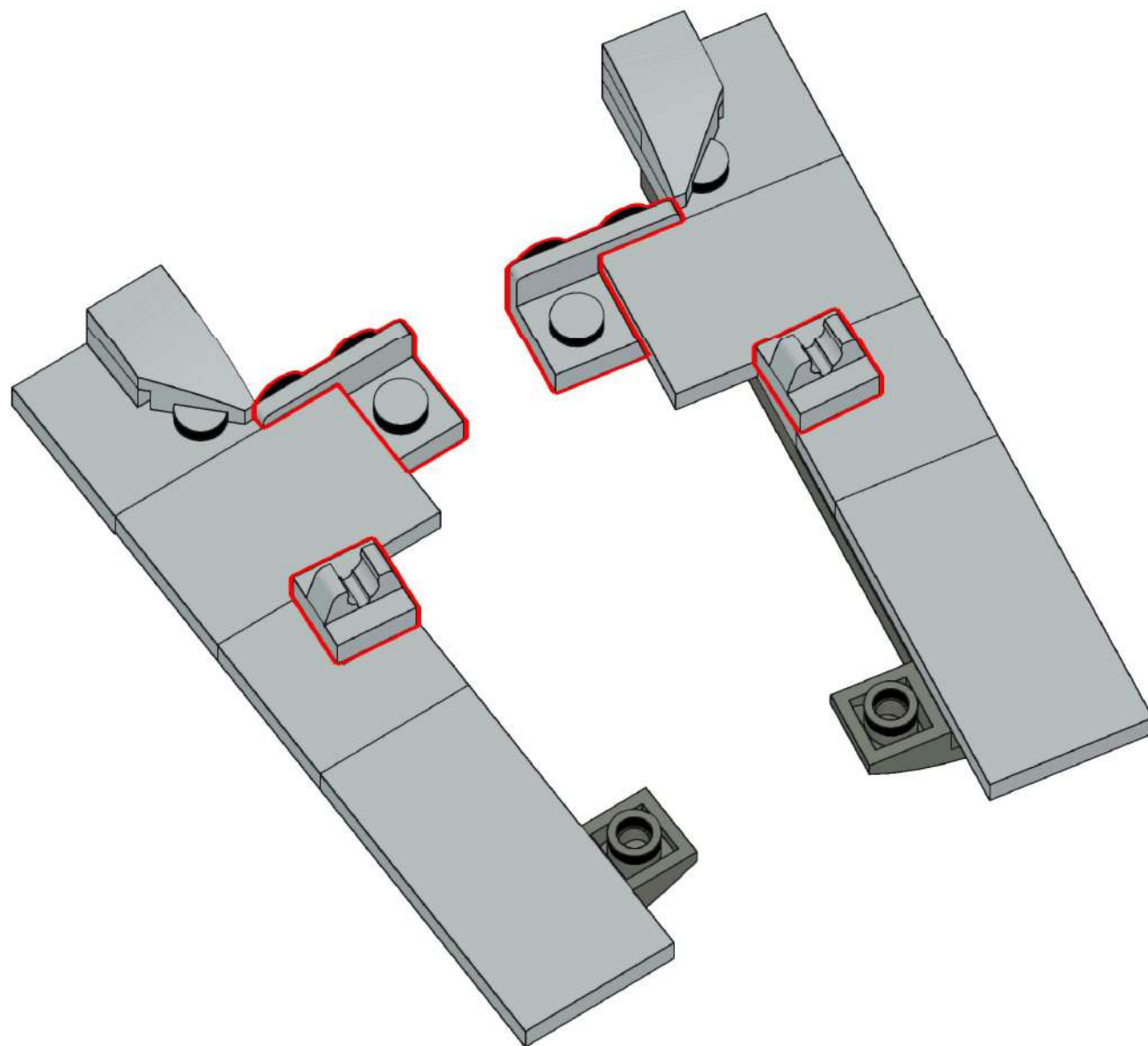
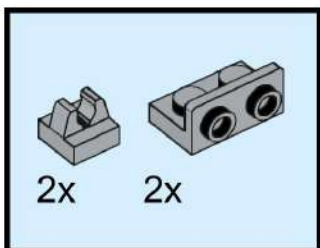
132



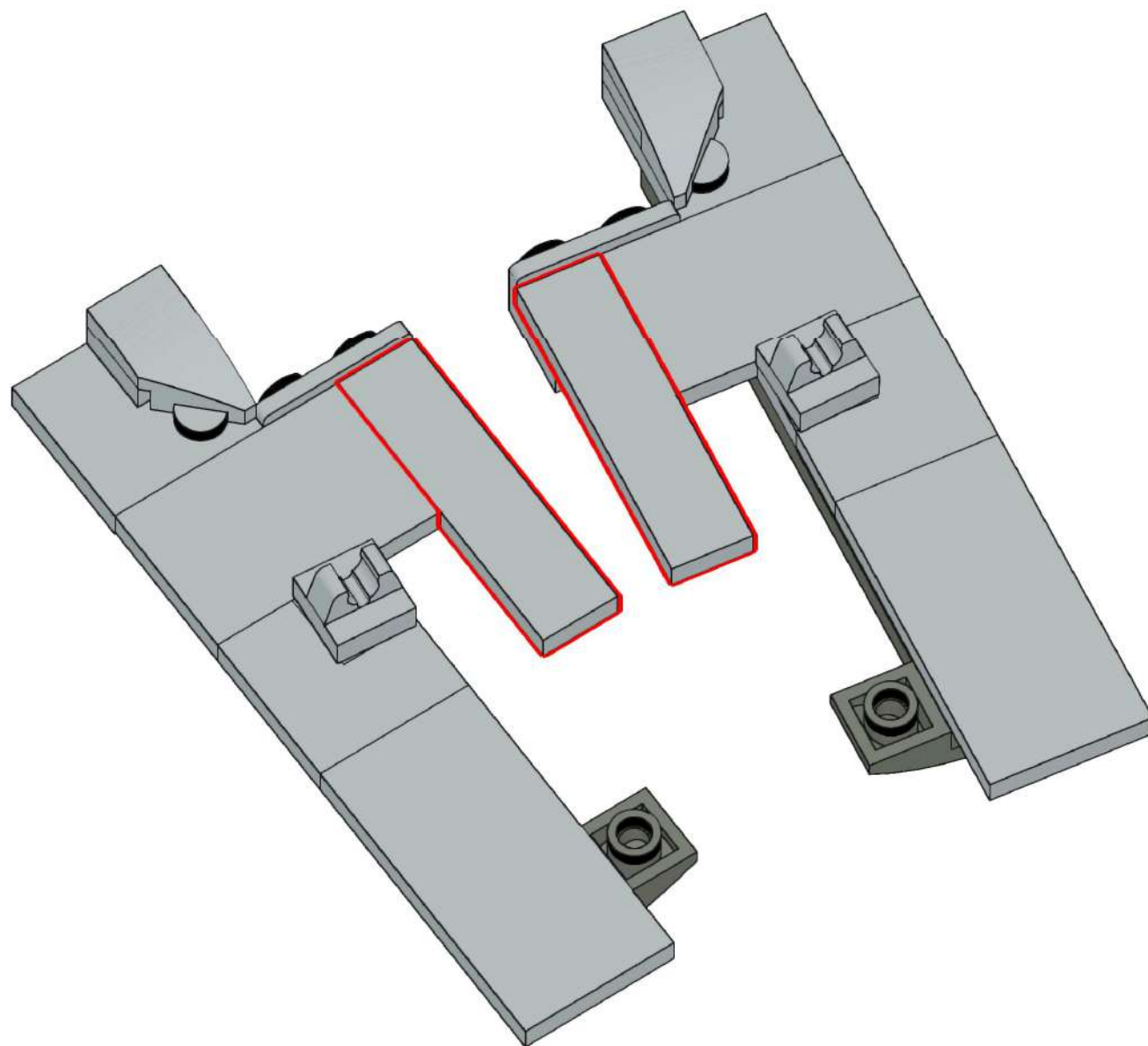
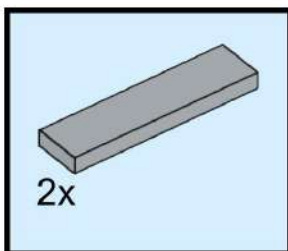
133



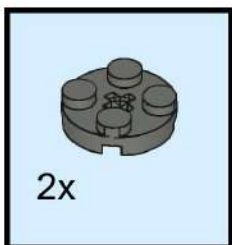
134



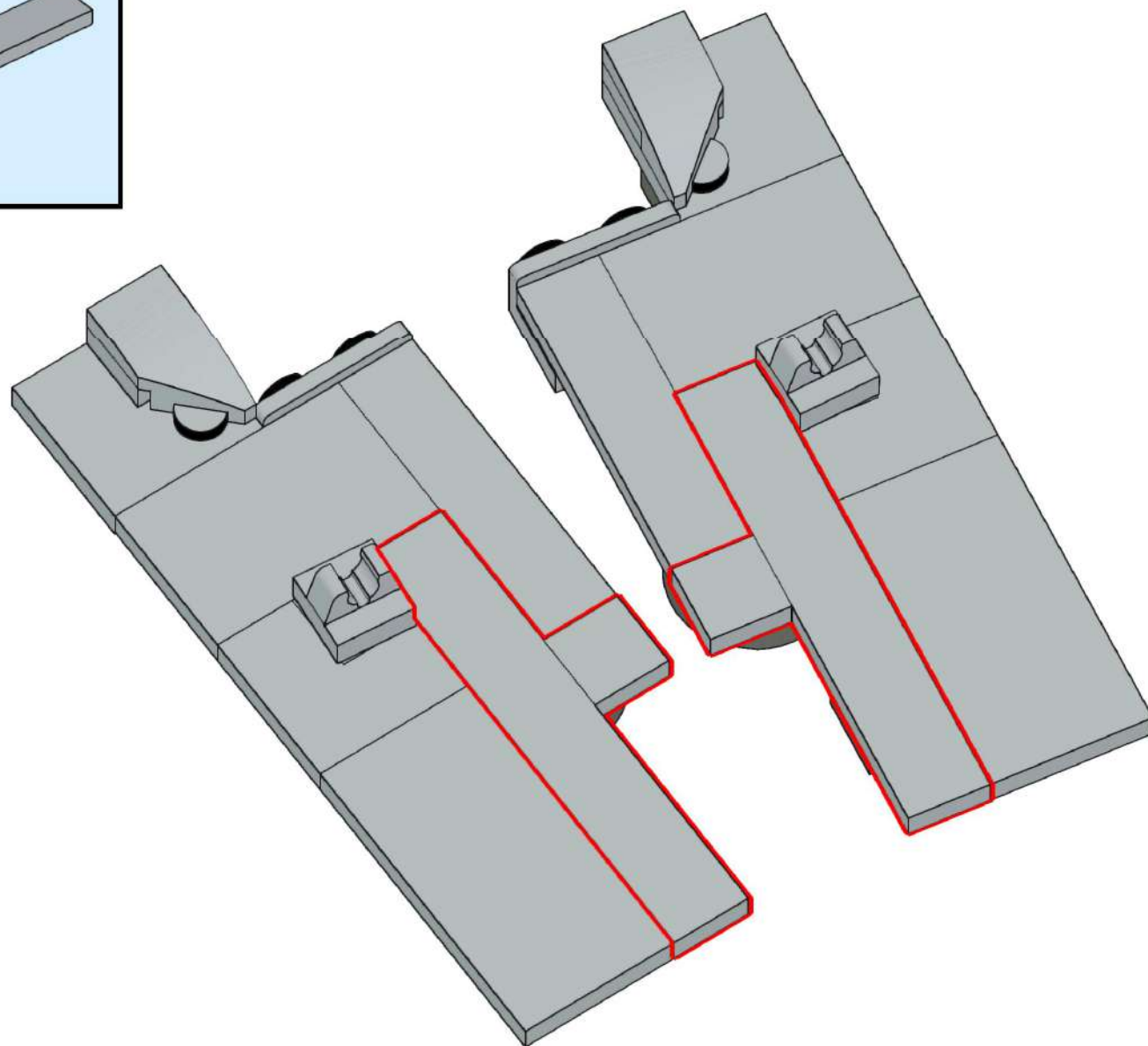
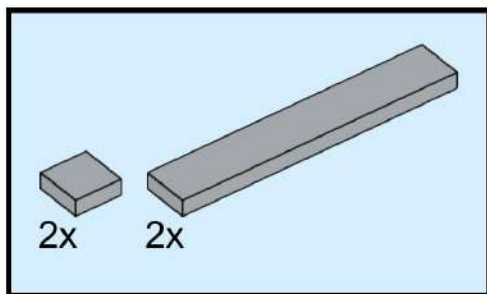
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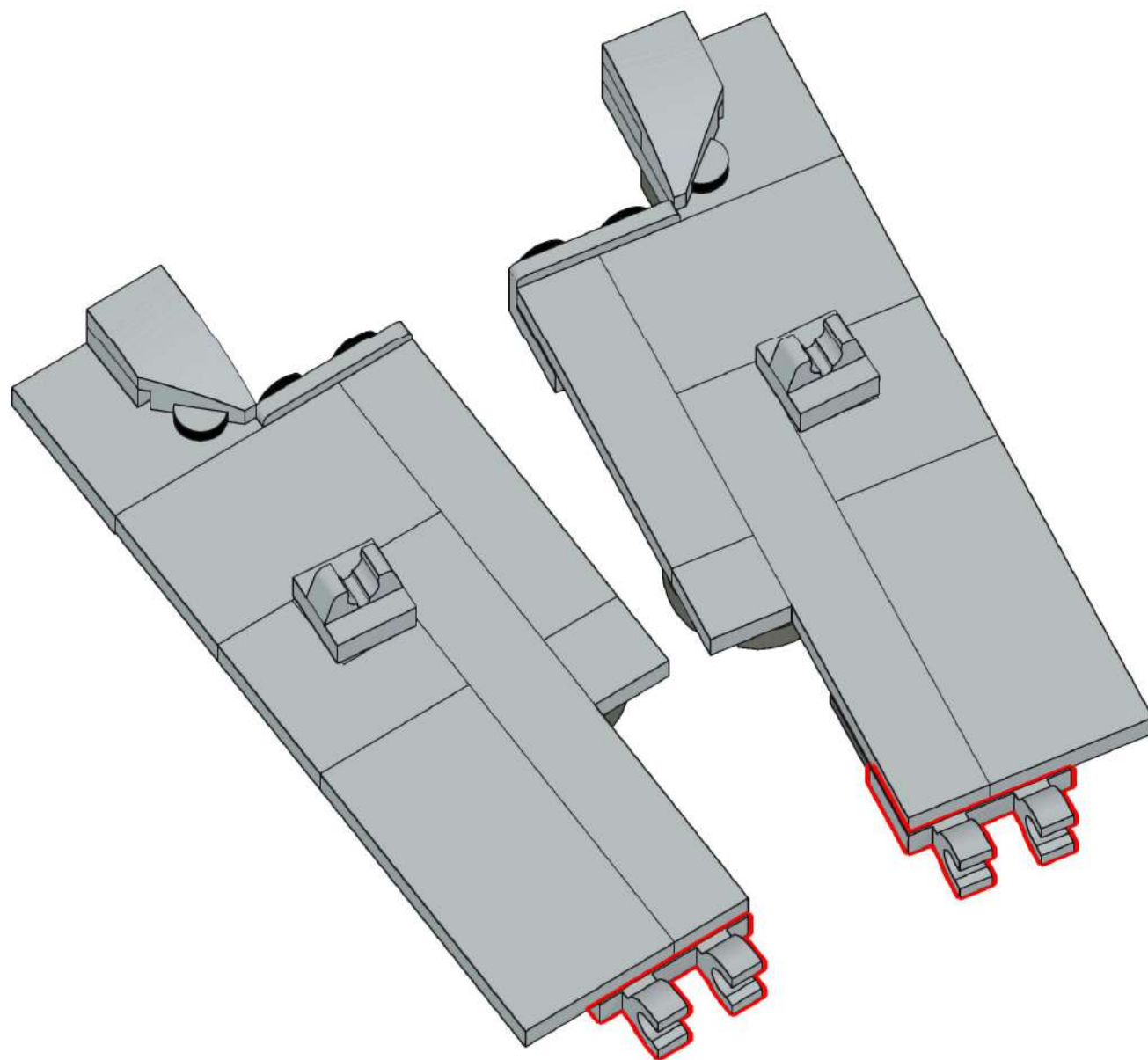
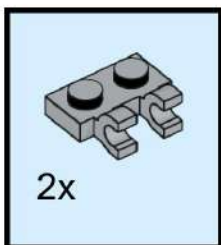
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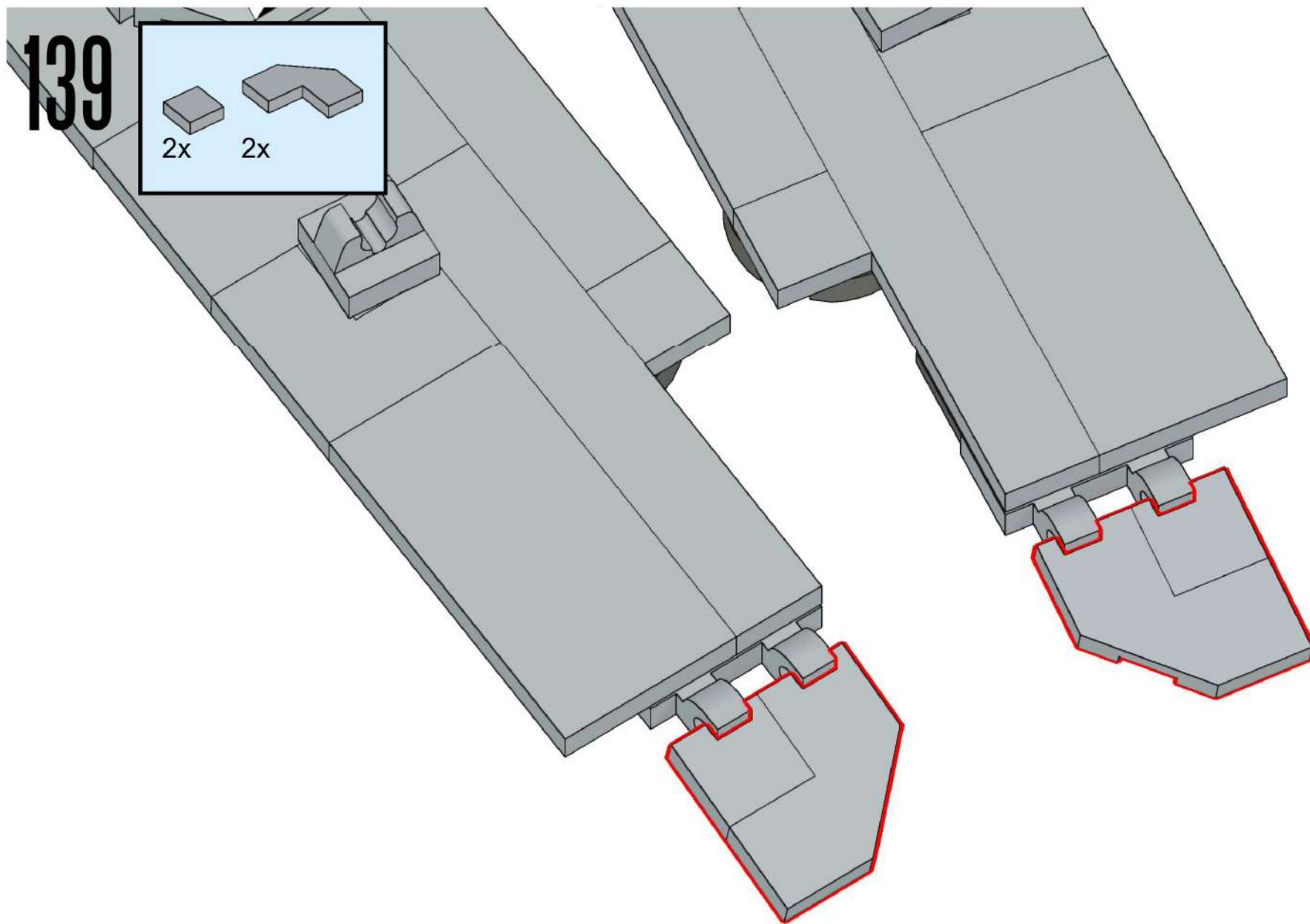
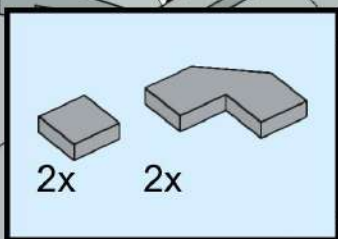
137



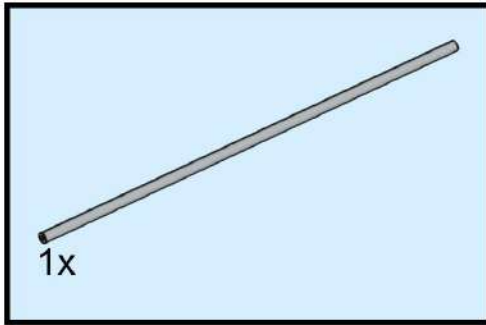
138



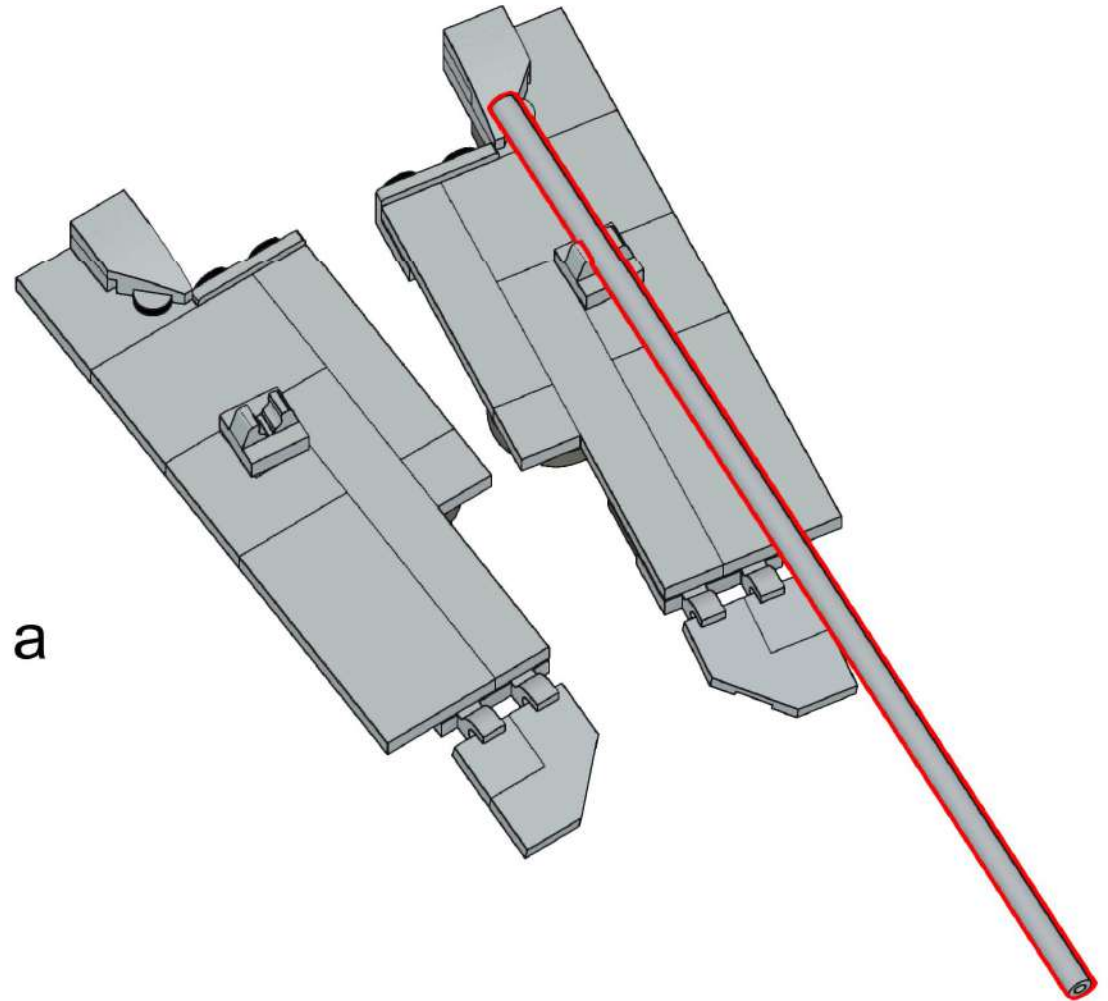
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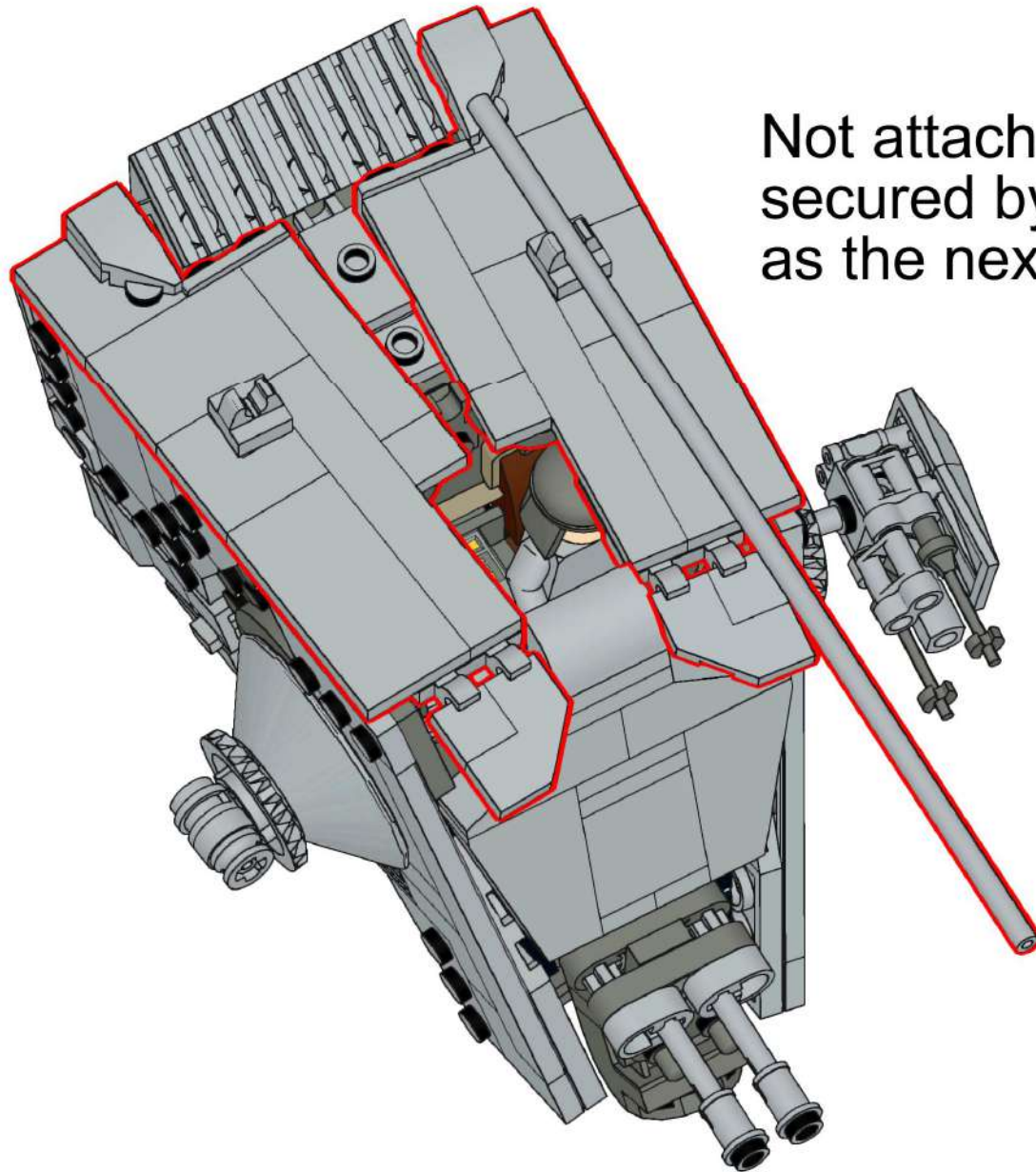
140



Pre-bend to a nice U shape, preferably using hot water and a brick-built shaping structure.

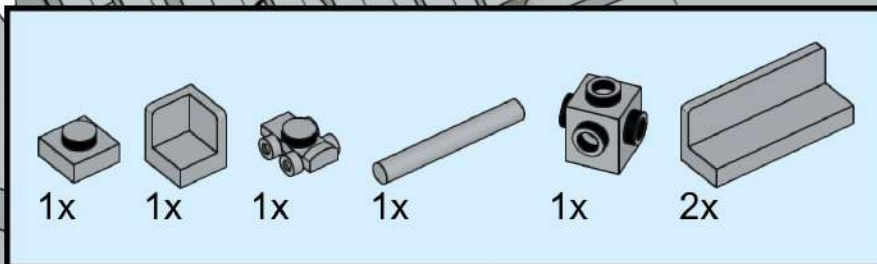


141



Not attached, only keyed in,
secured by the back vent as well
as the next two assemblies.

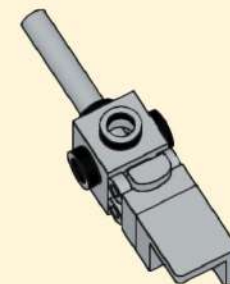
142



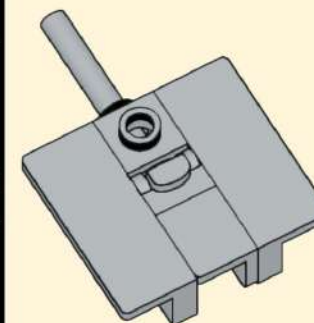
1



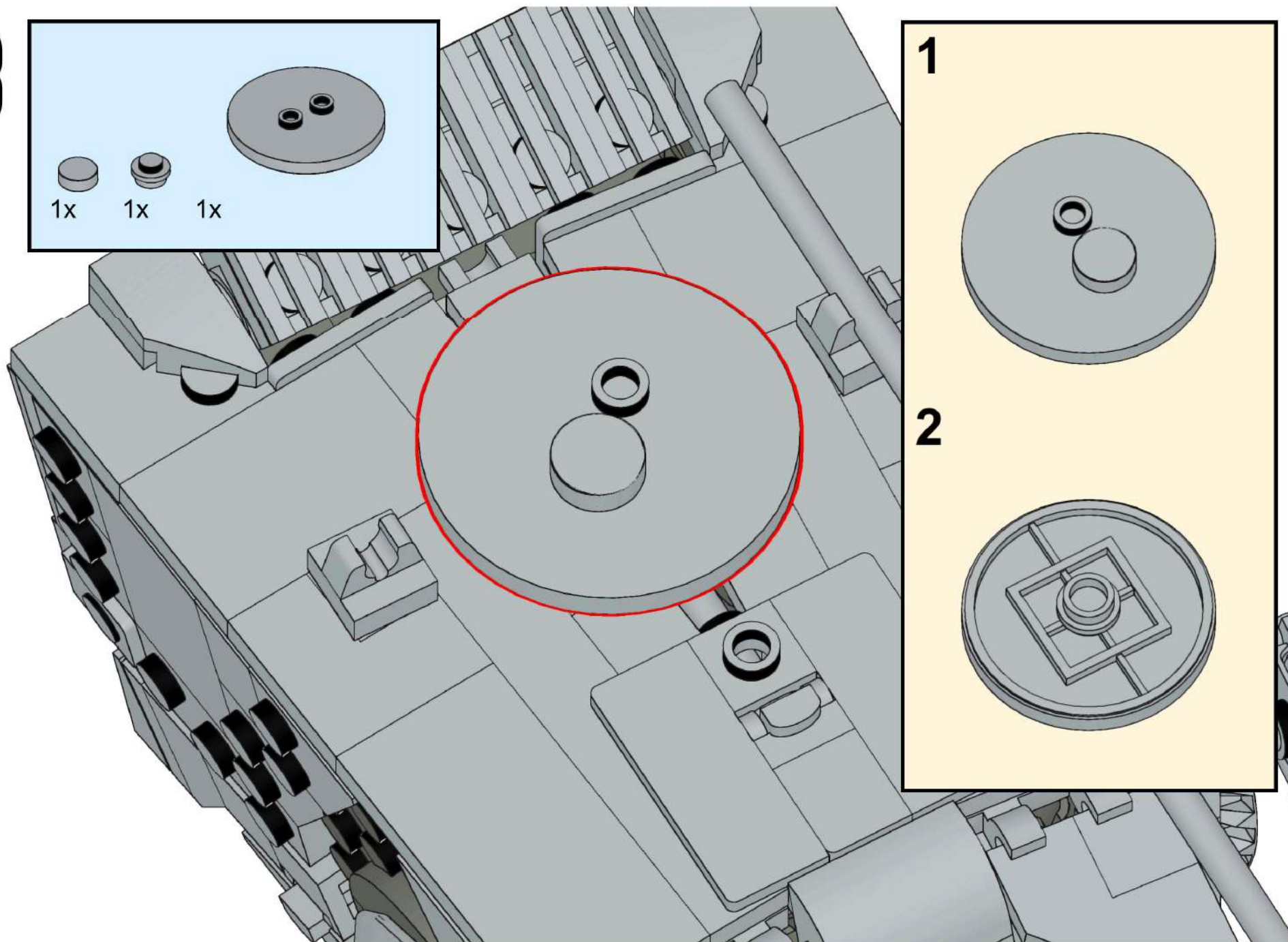
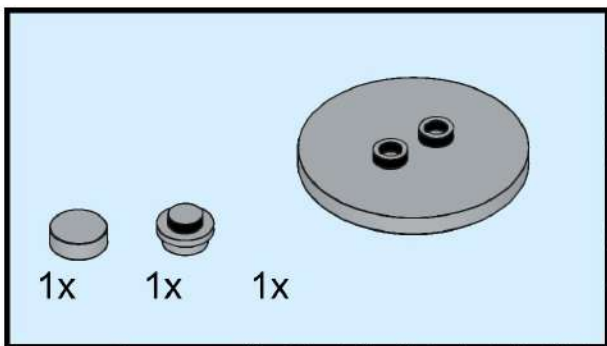
2



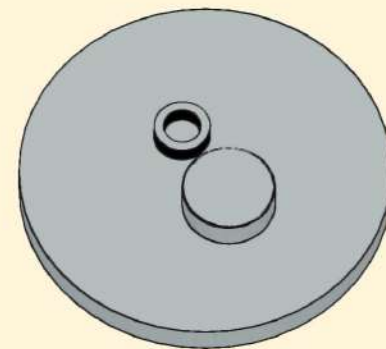
3



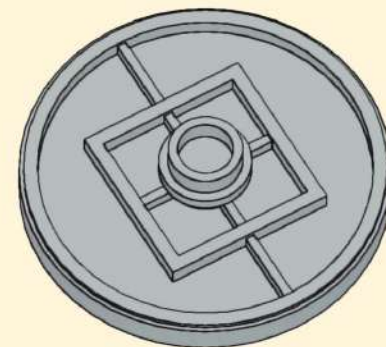
143



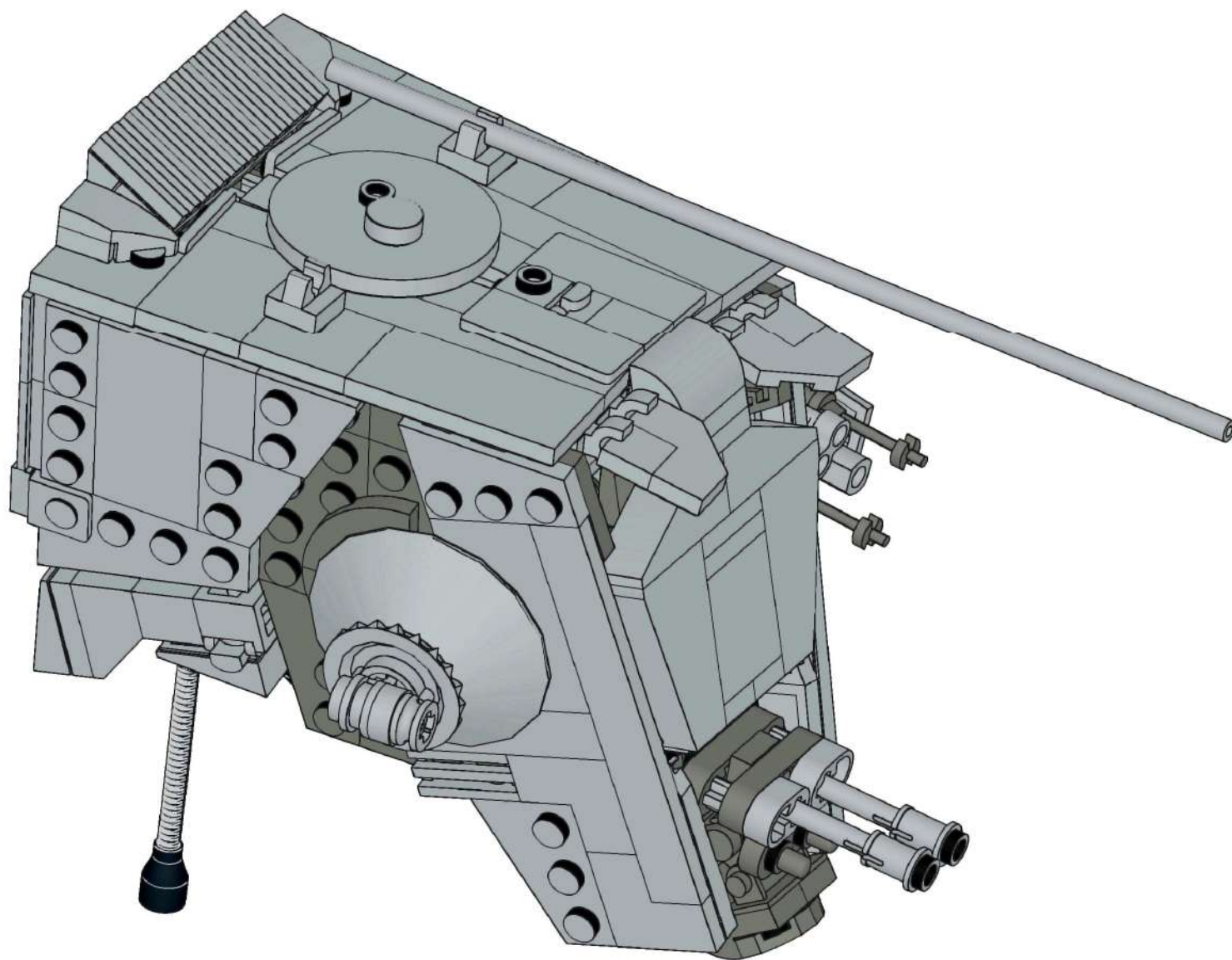
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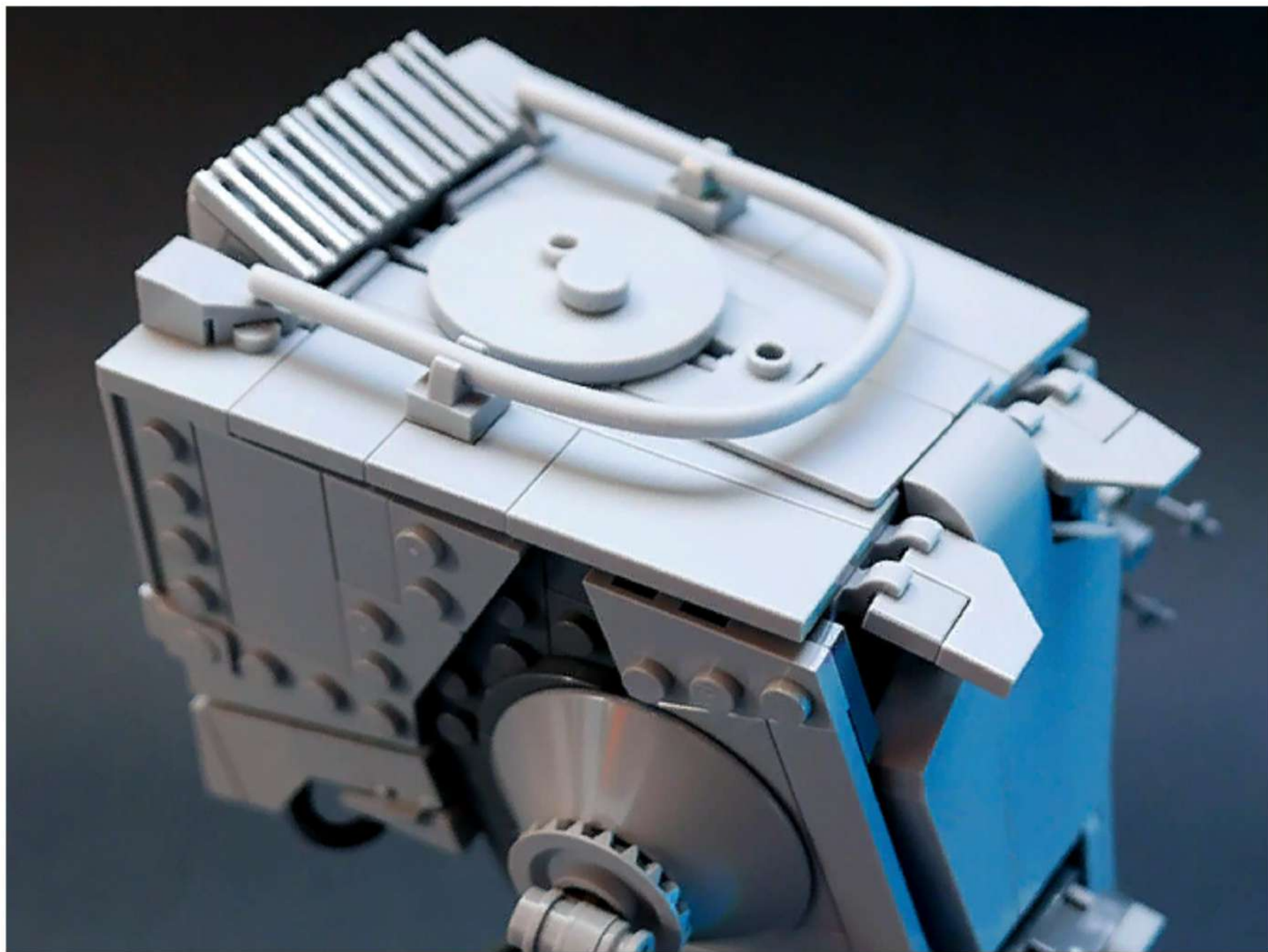


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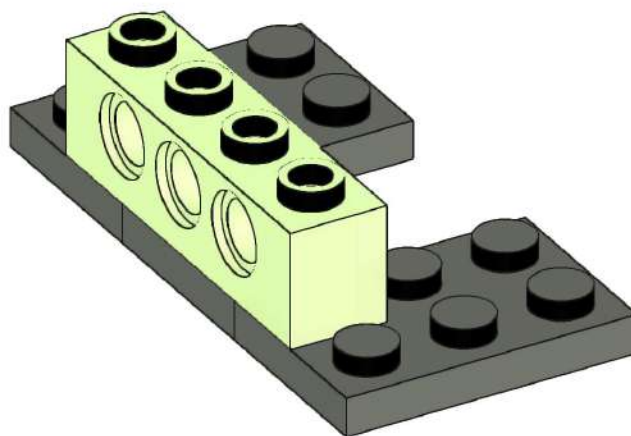
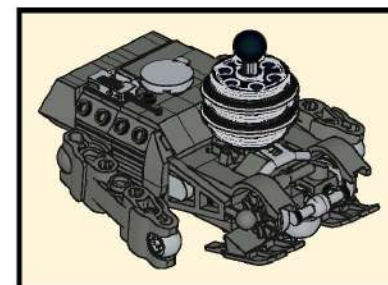
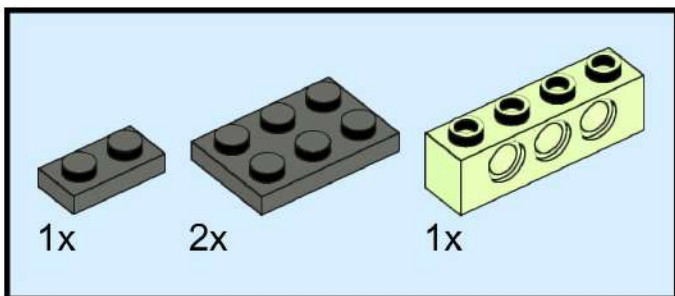


144

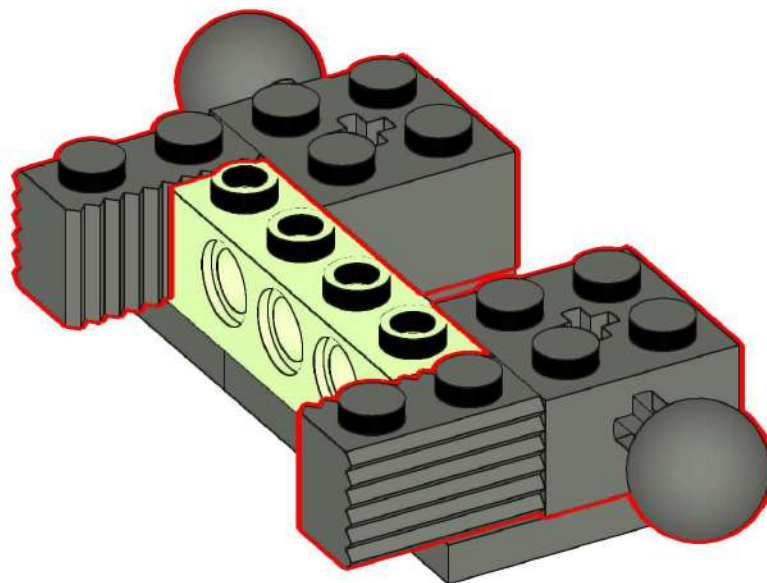
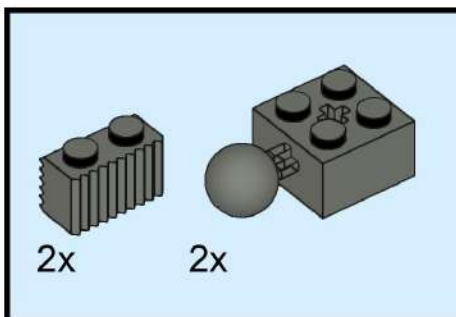




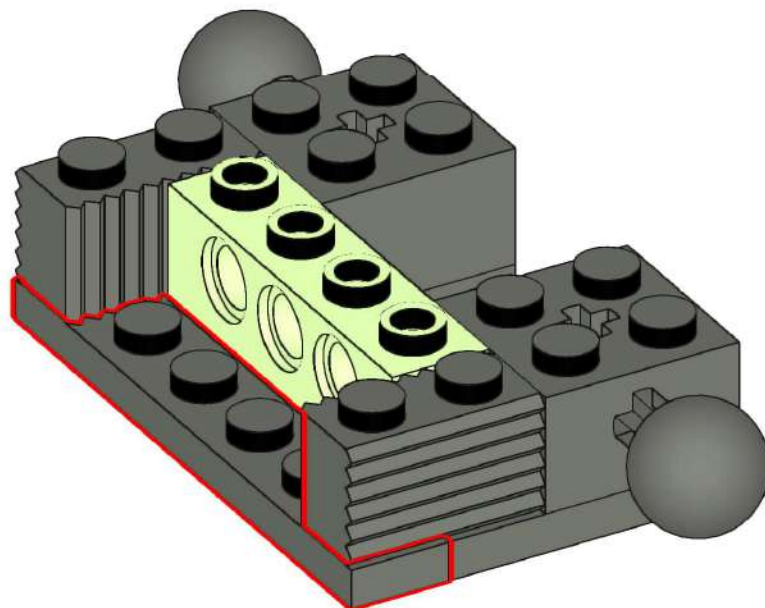
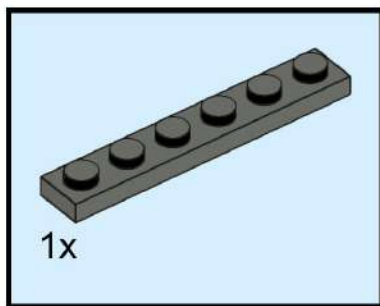
145



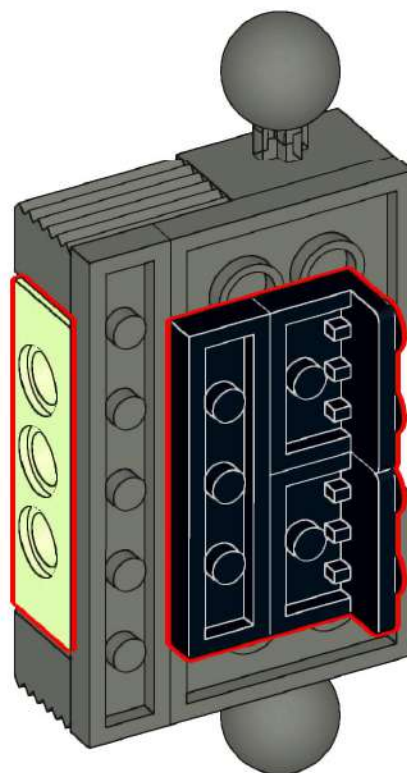
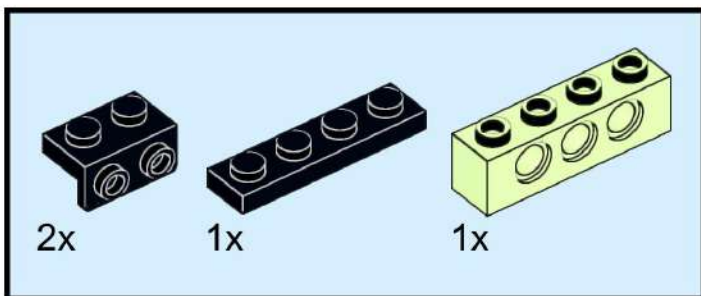
146



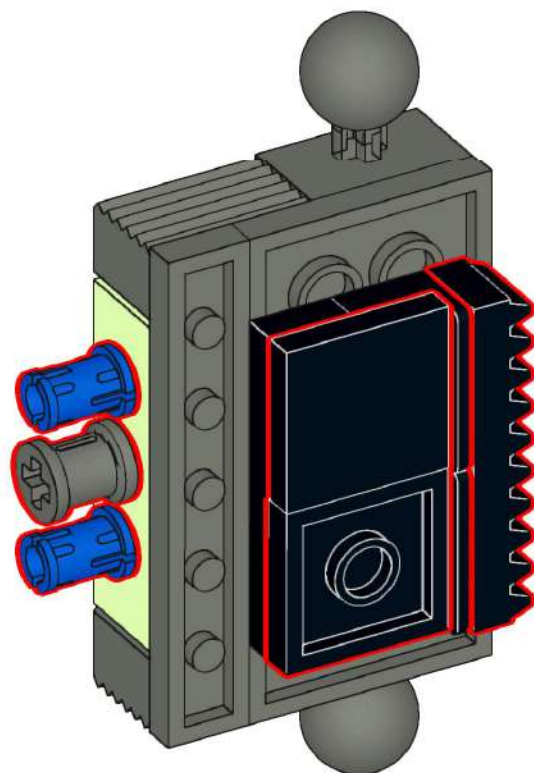
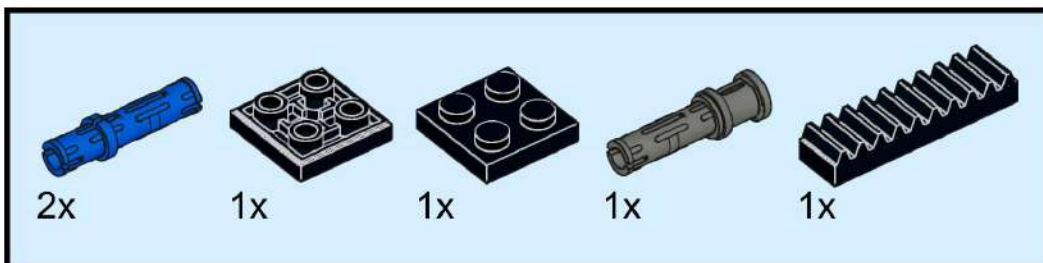
147



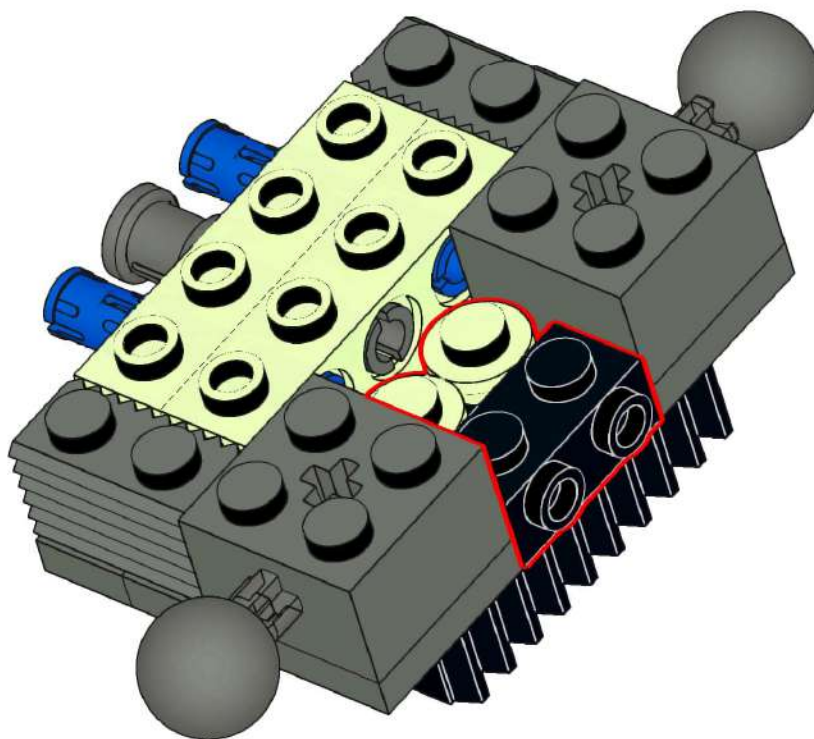
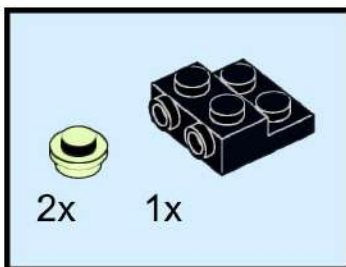
148



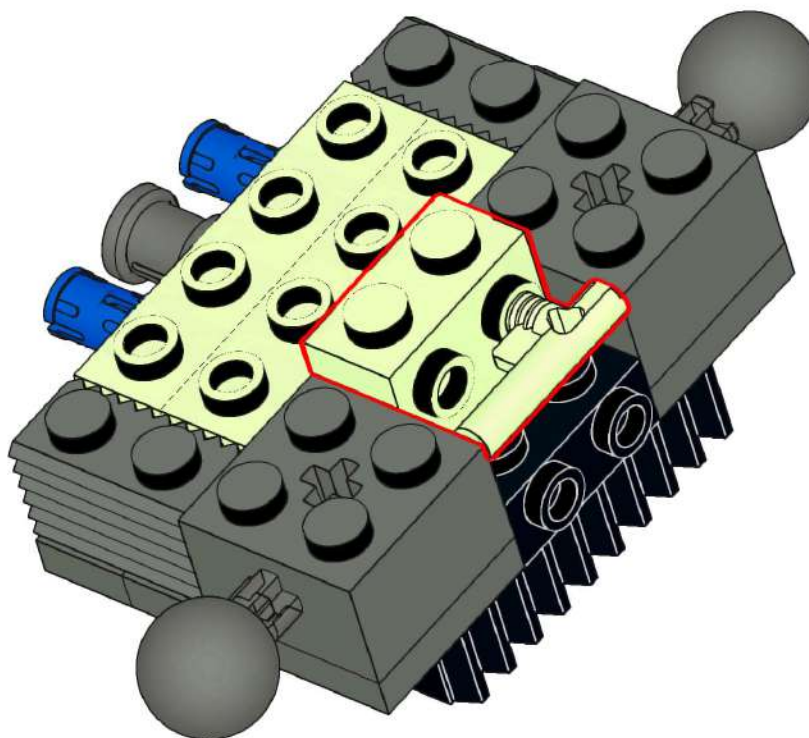
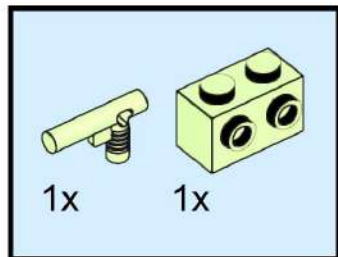
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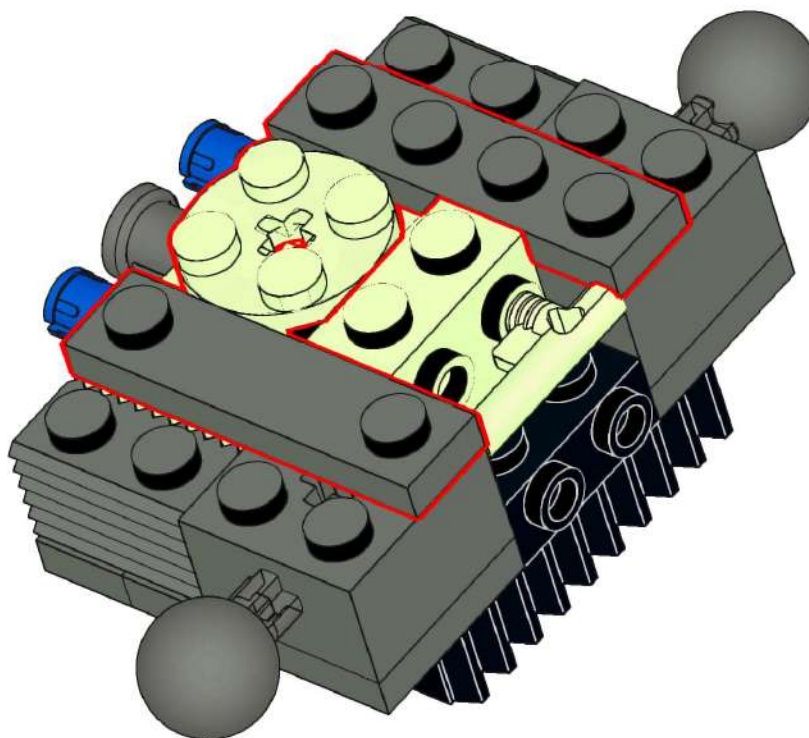
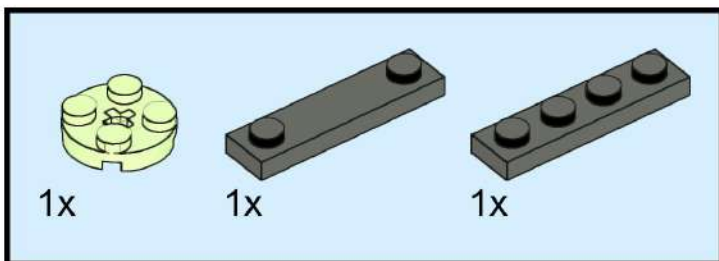
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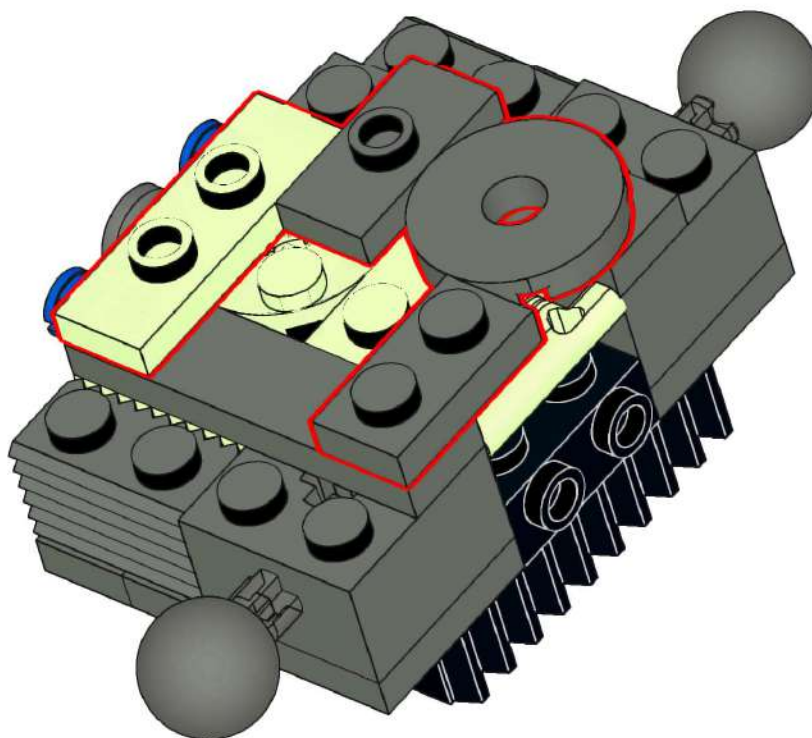
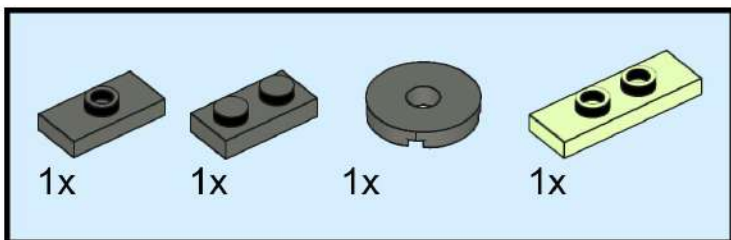
151



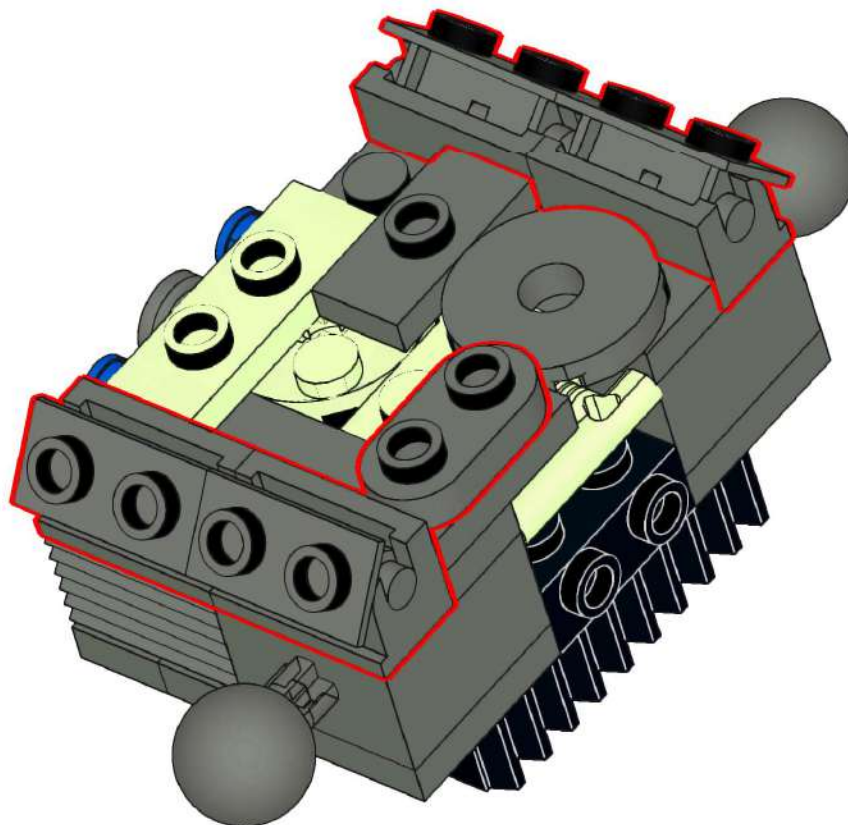
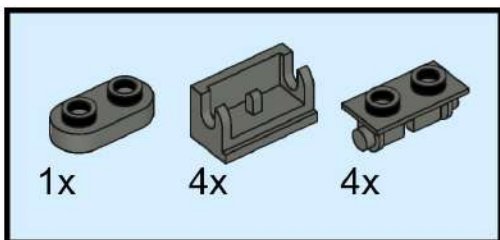
152



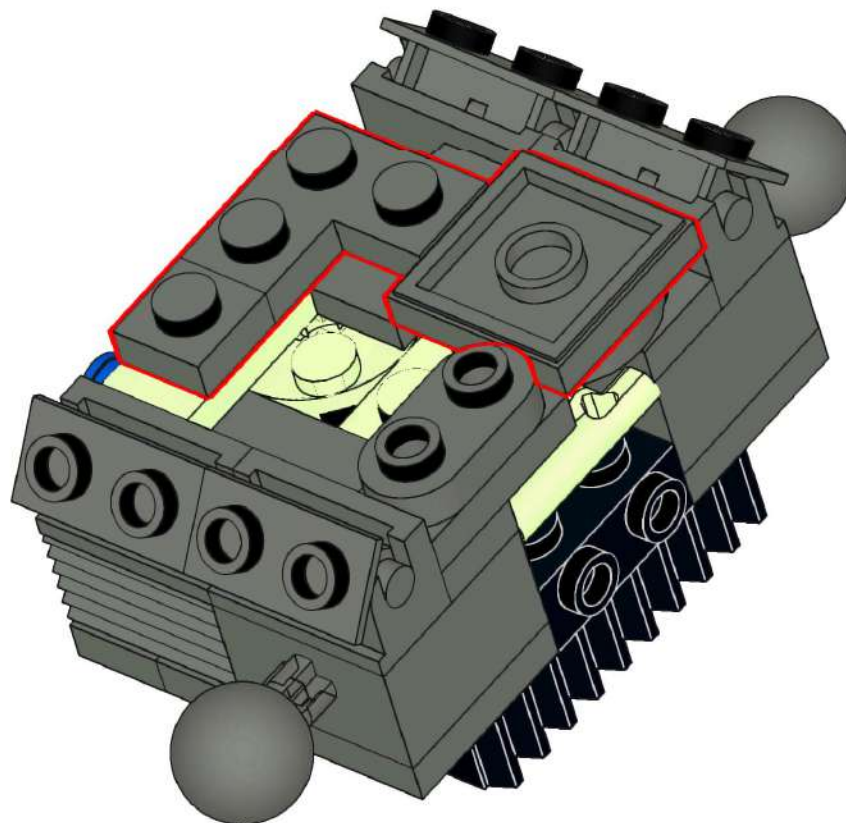
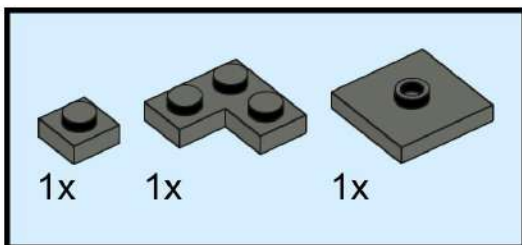
153



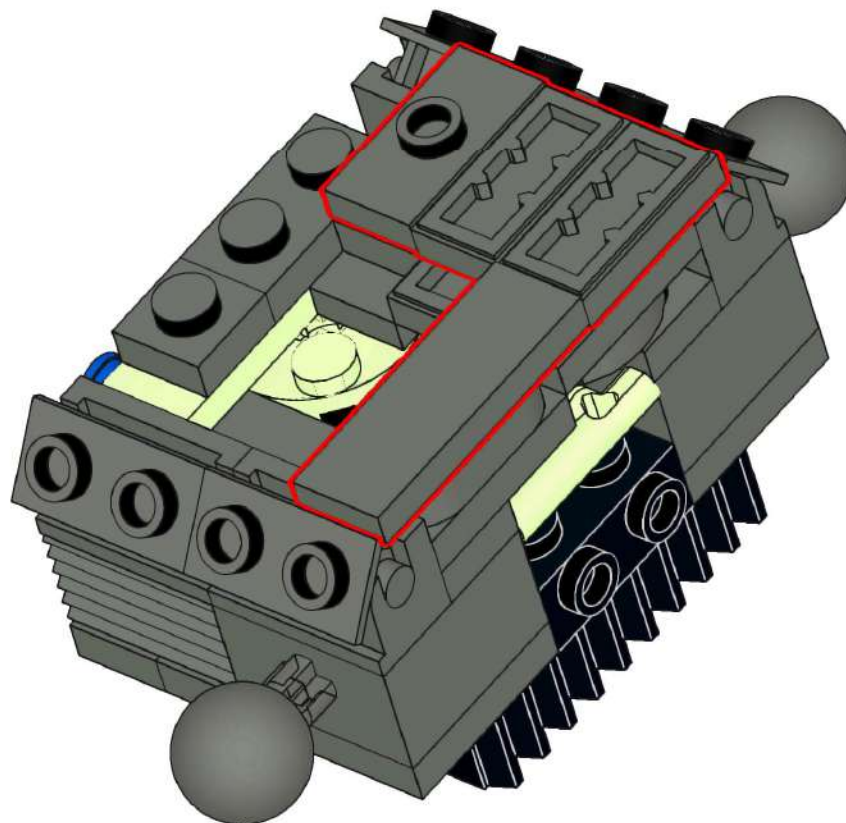
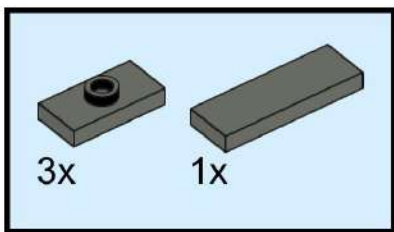
154



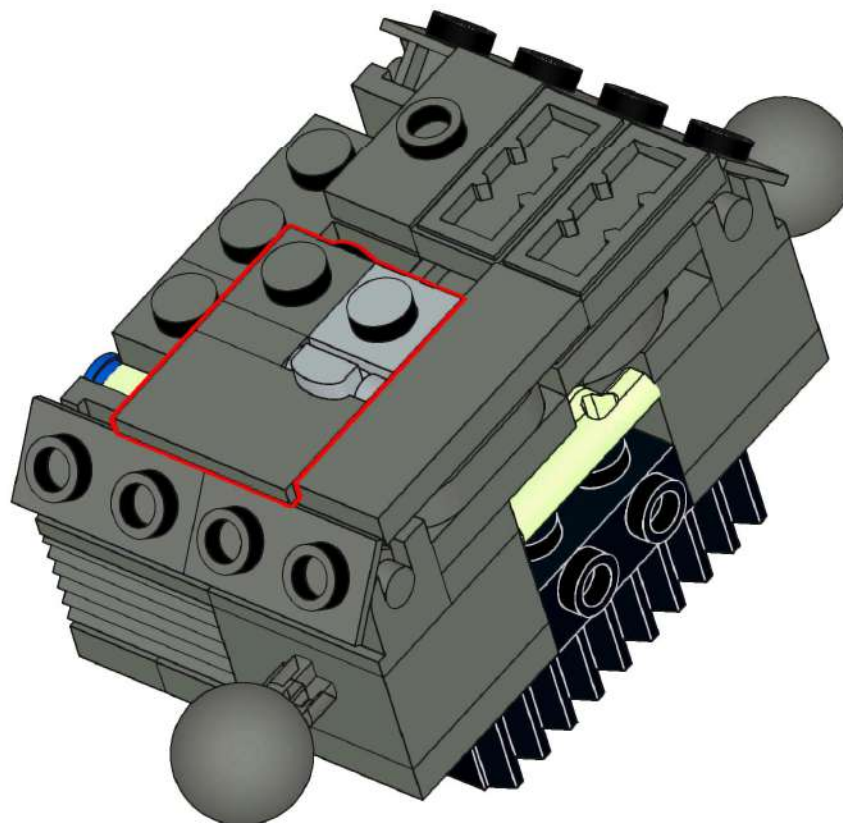
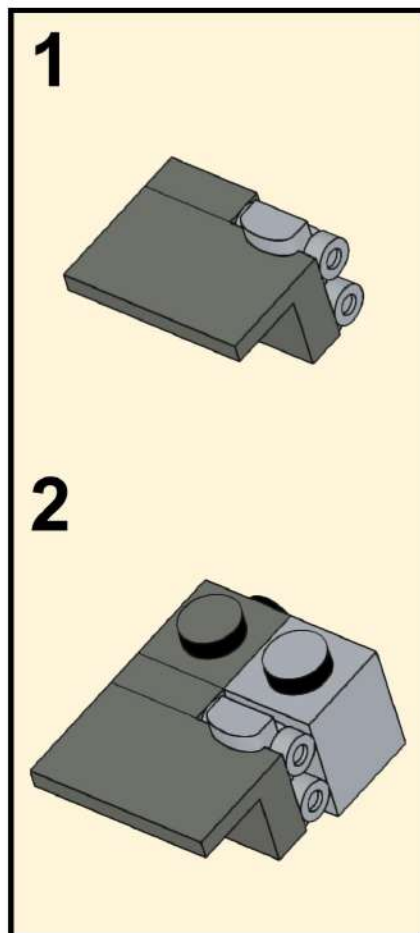
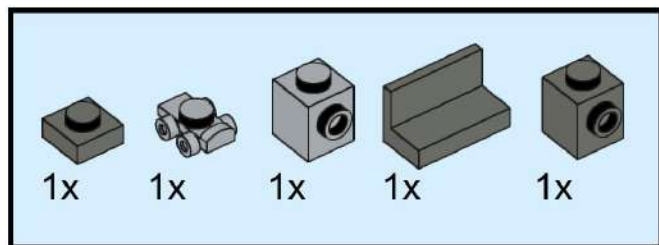
155



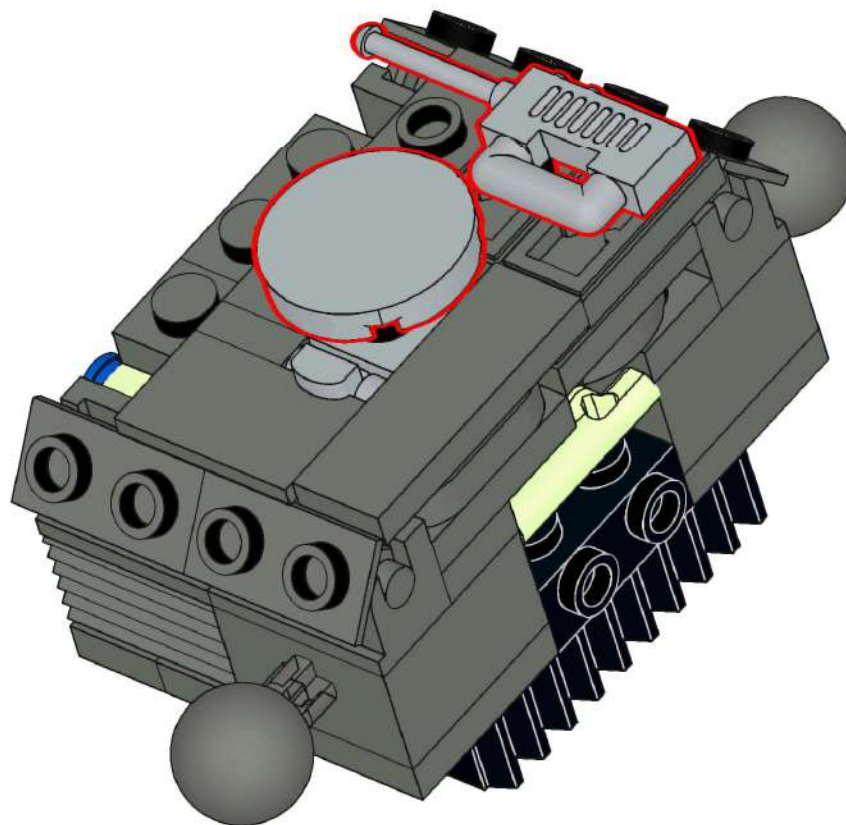
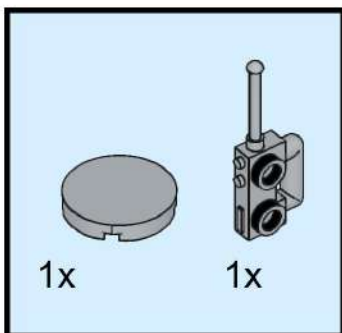
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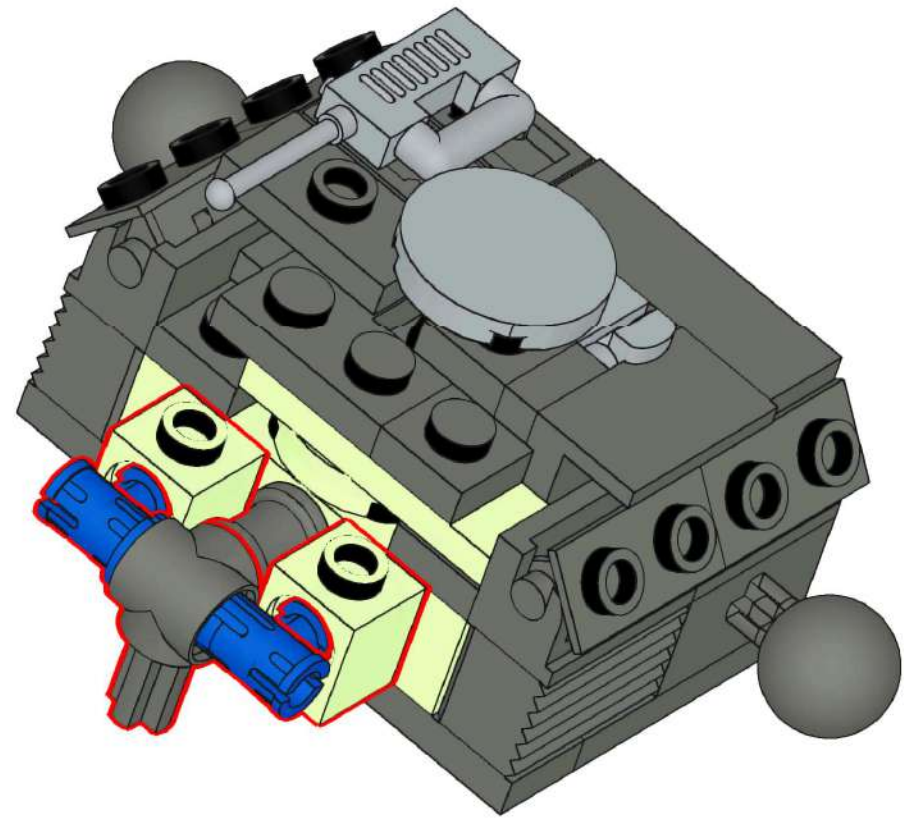
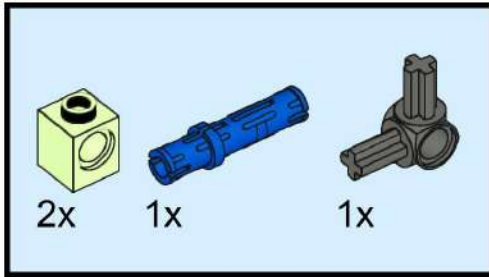
157



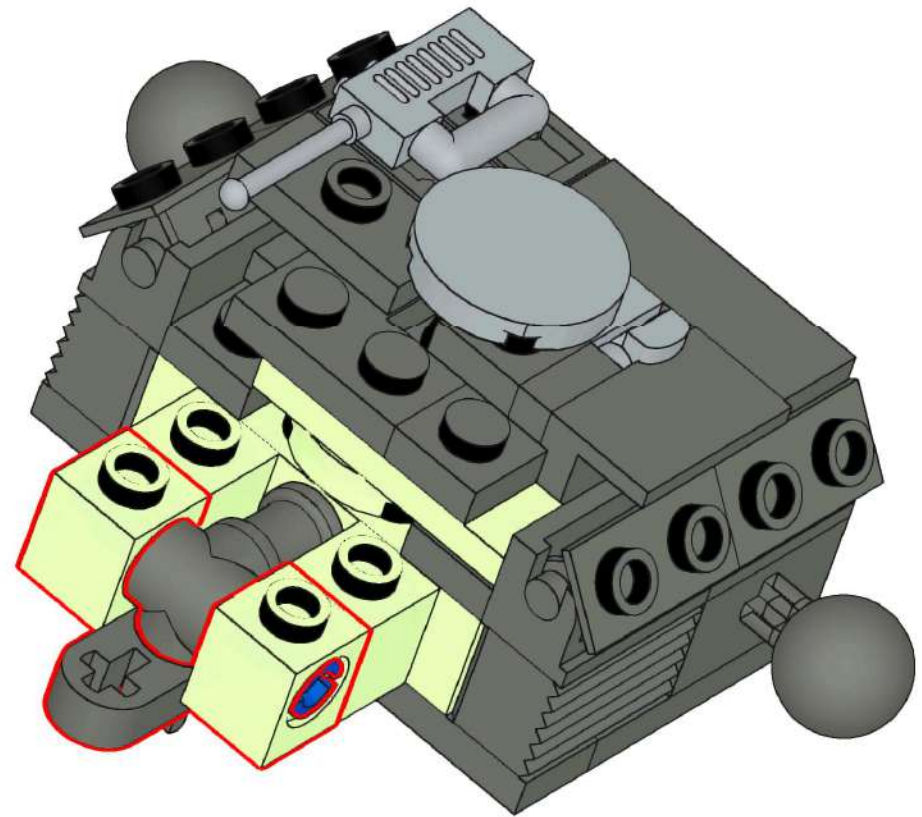
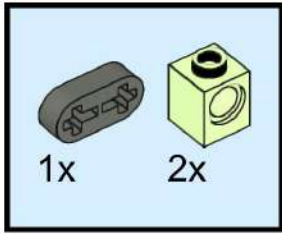
158



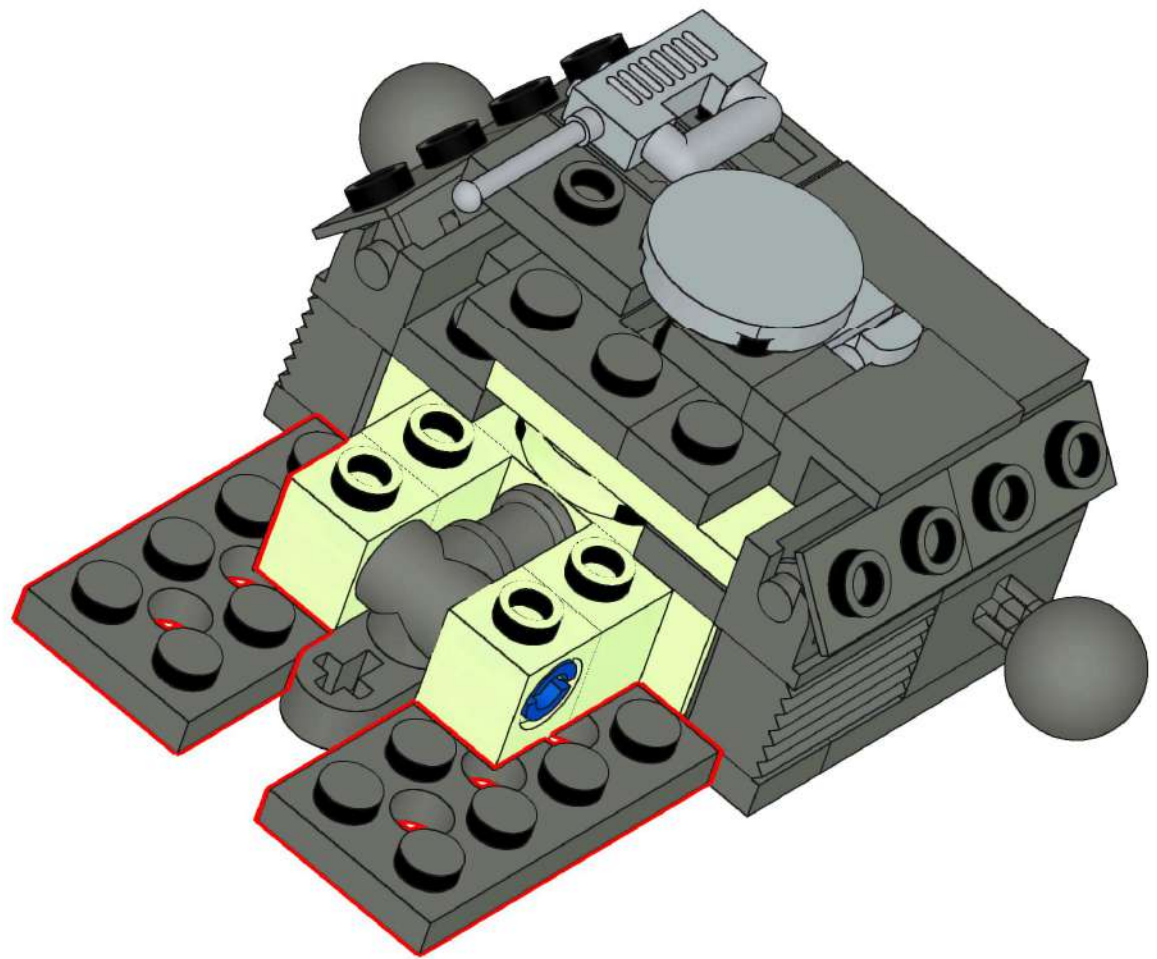
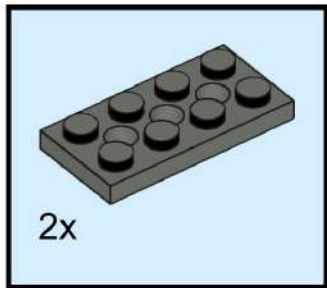
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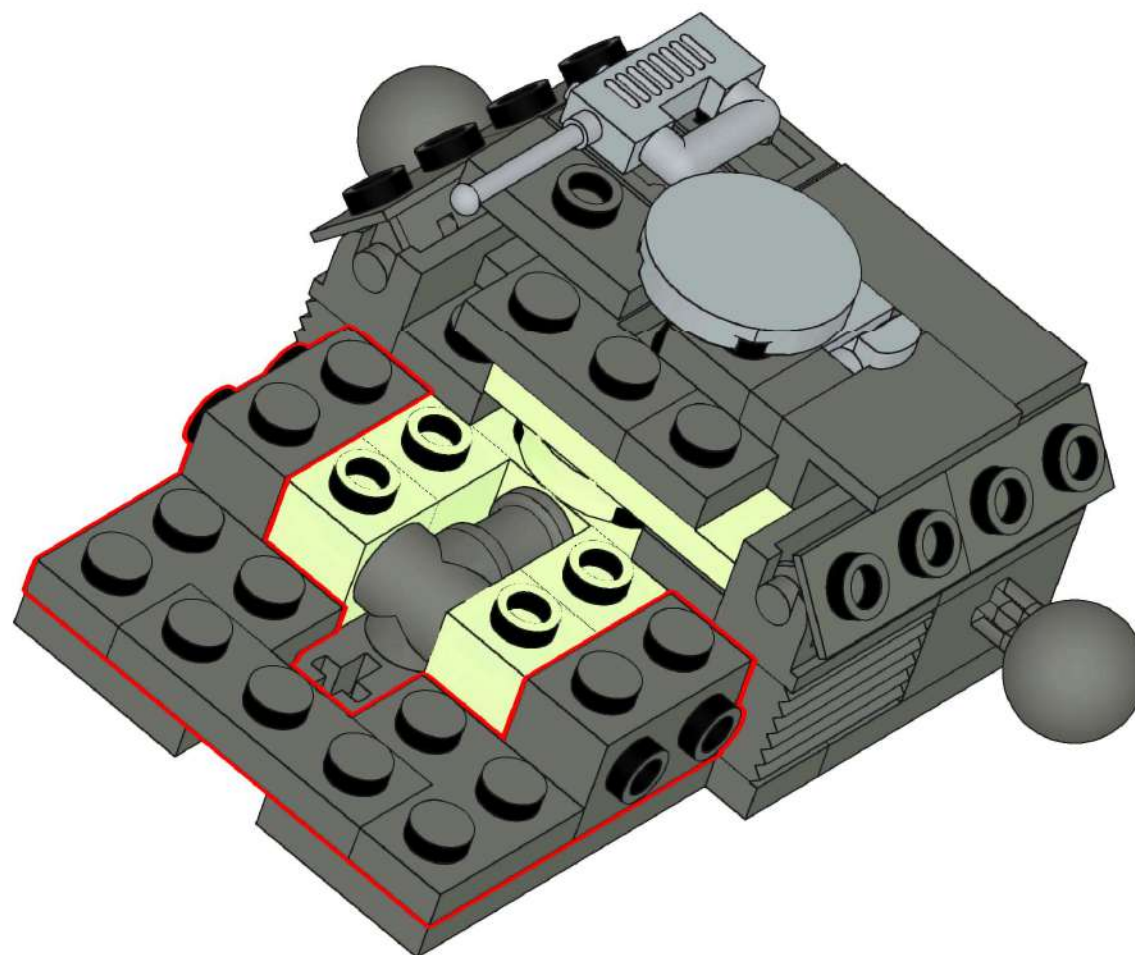
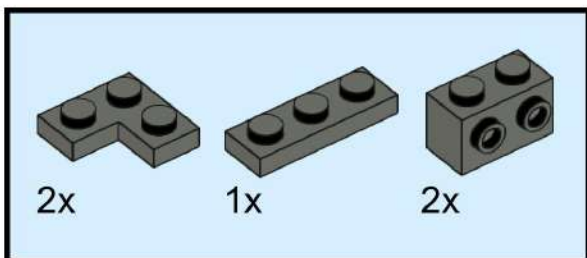
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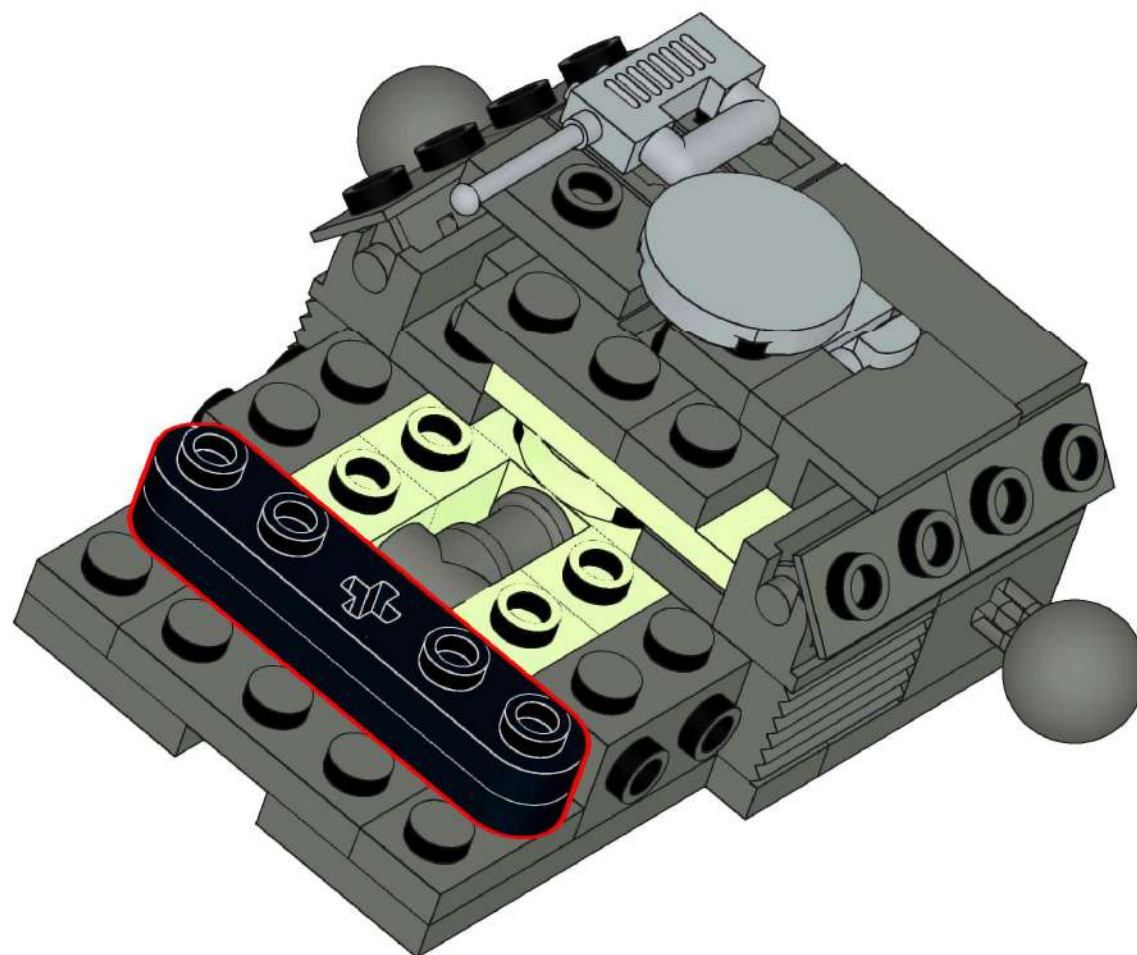
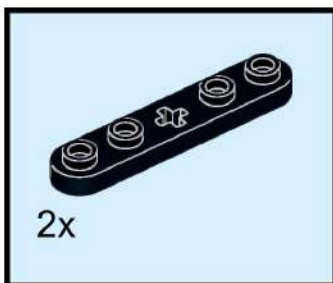
161



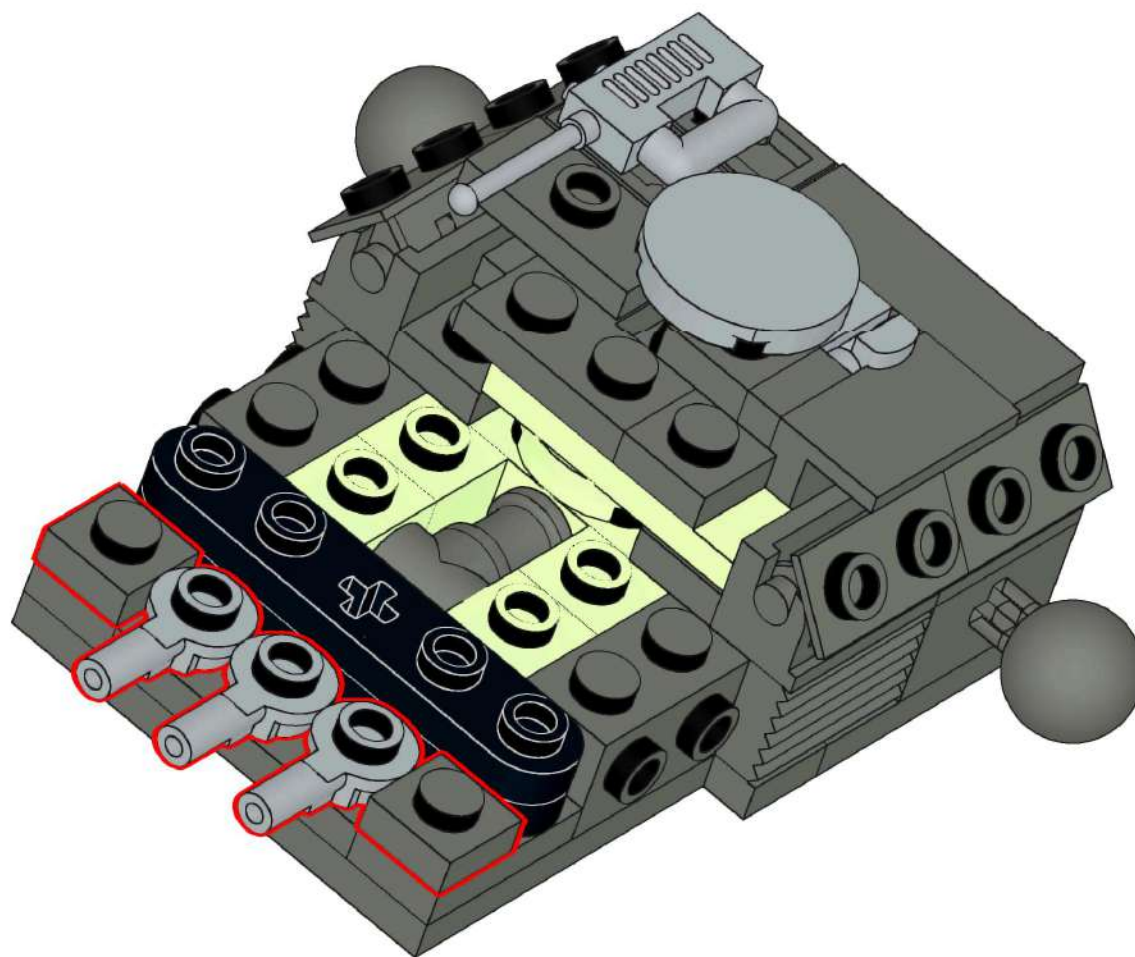
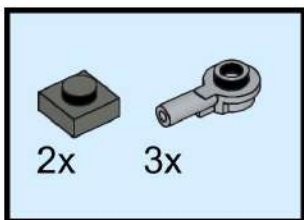
162



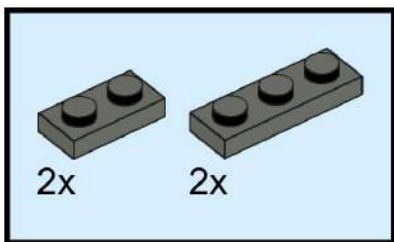
163



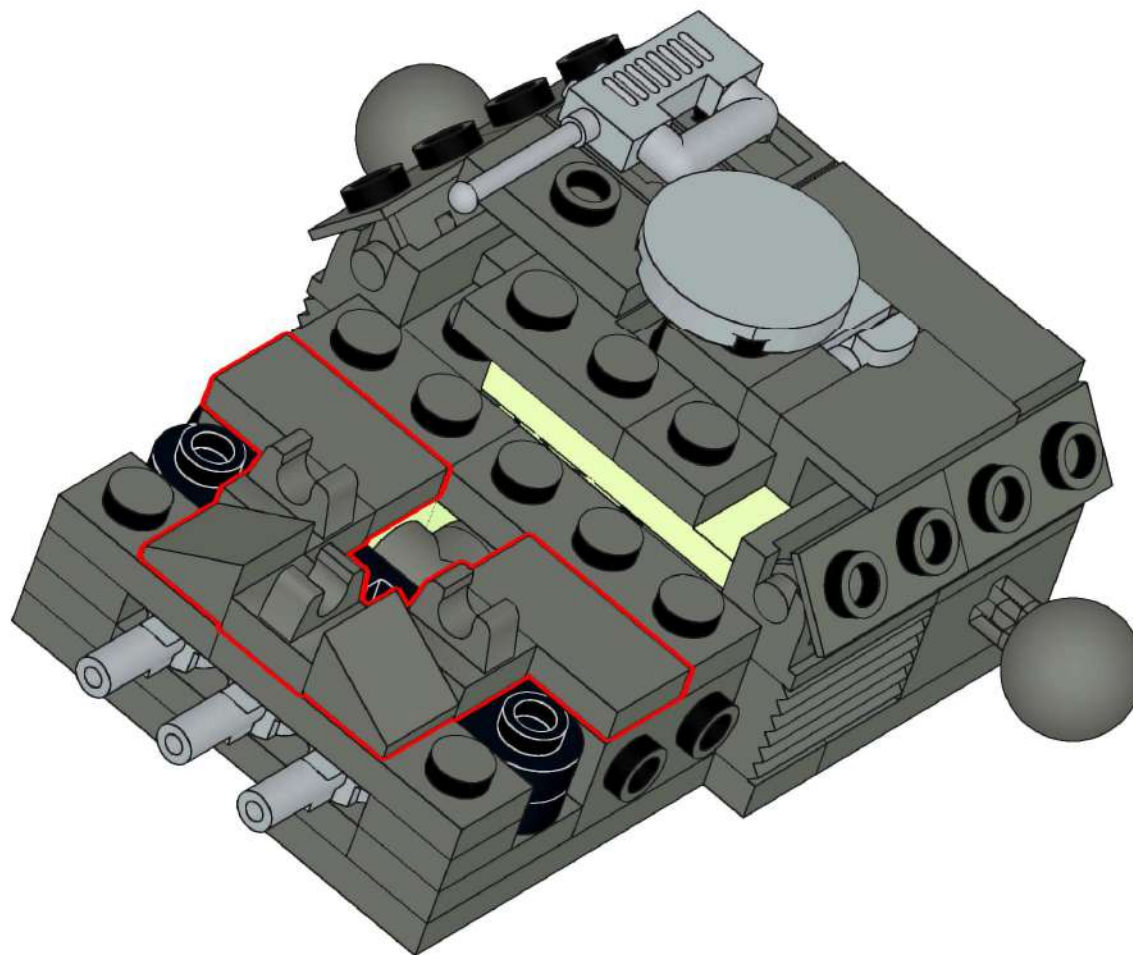
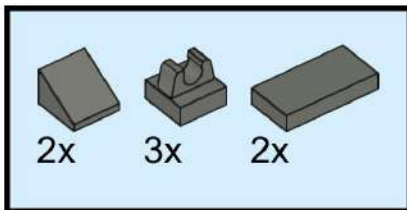
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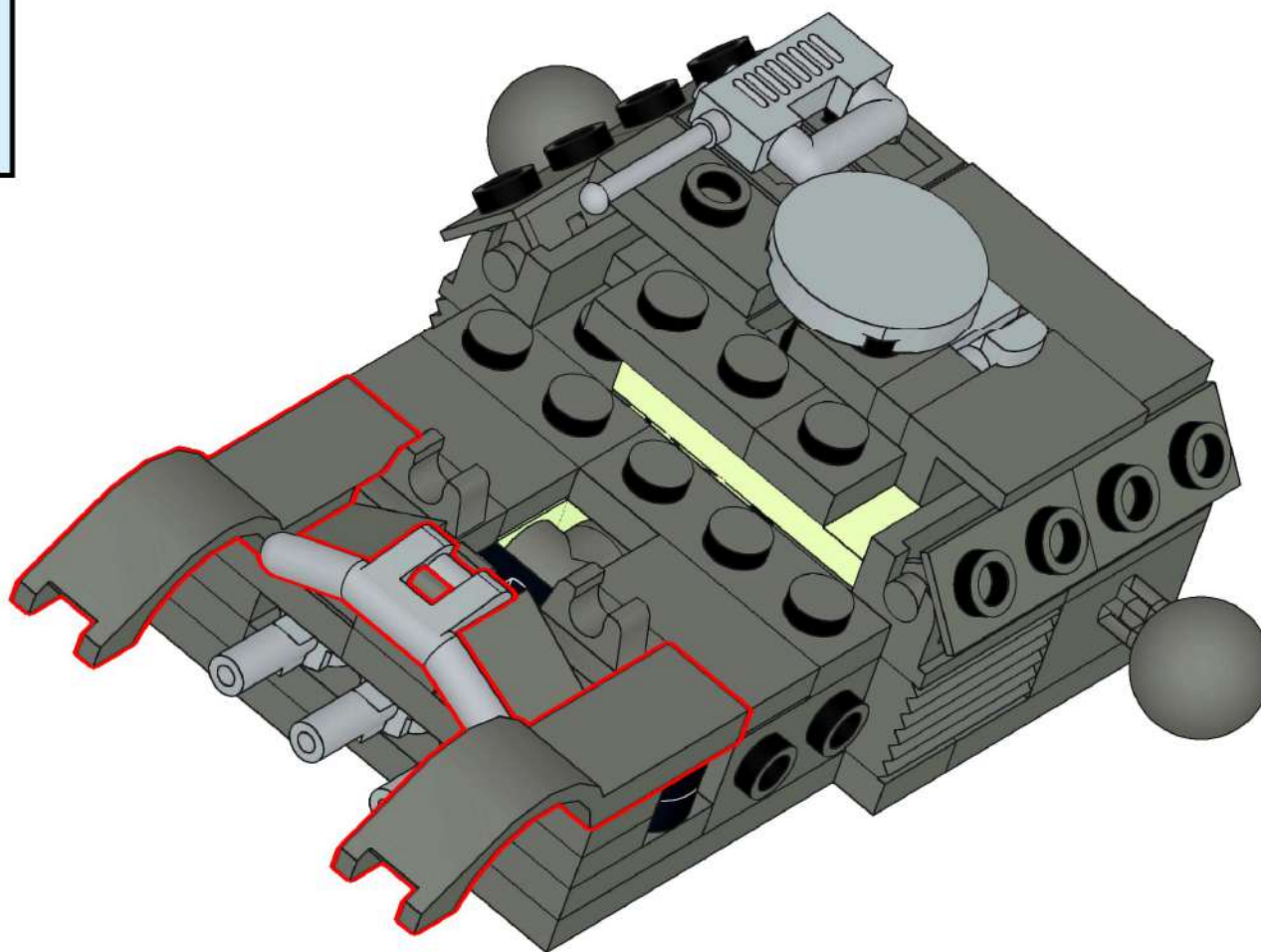
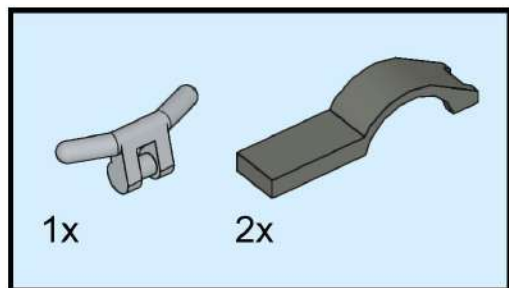
165



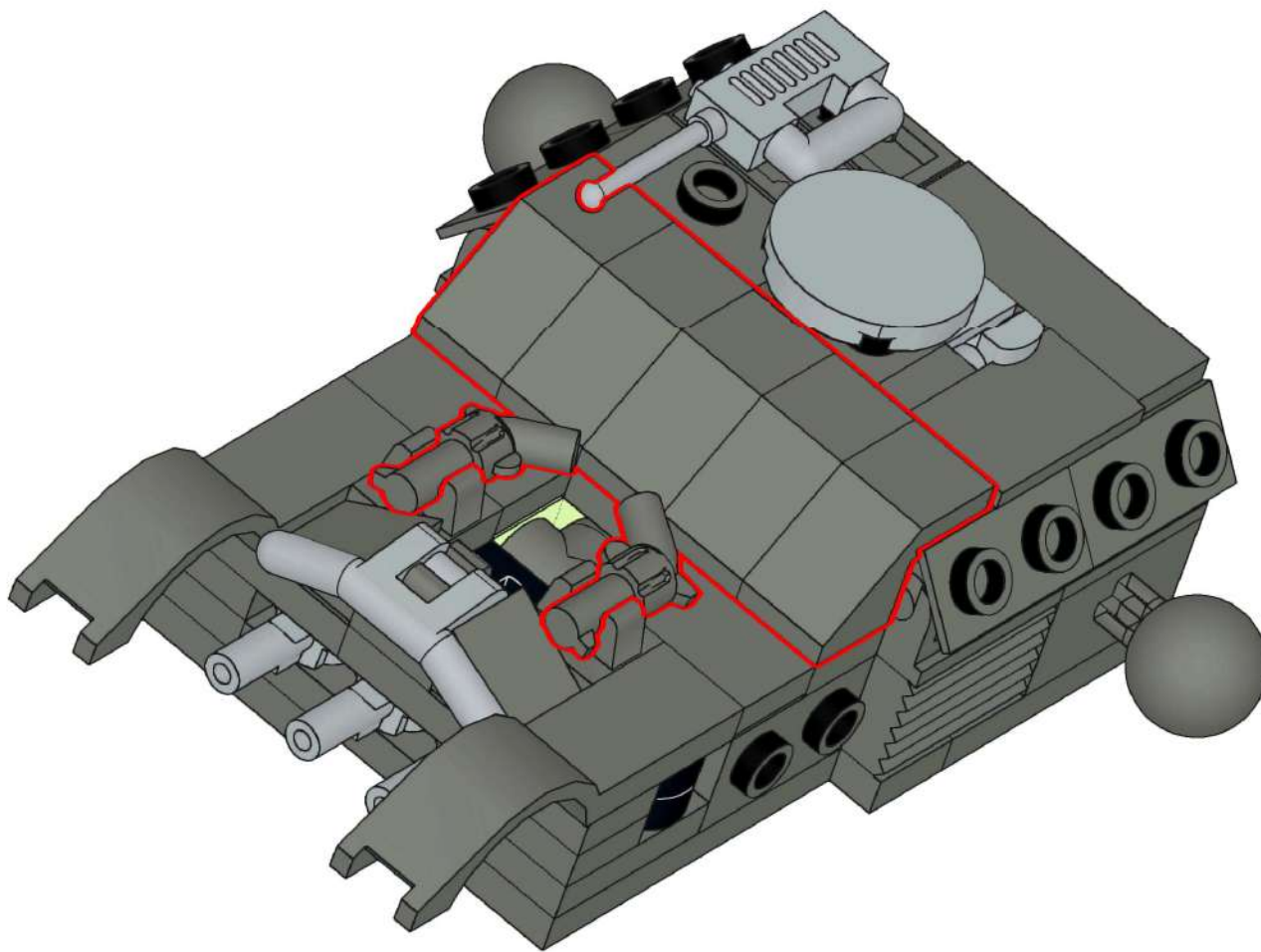
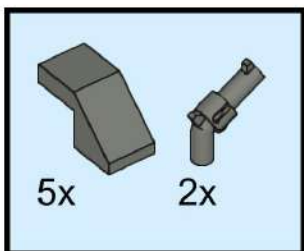
166



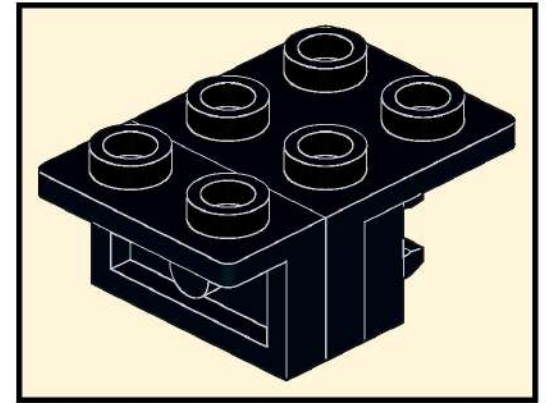
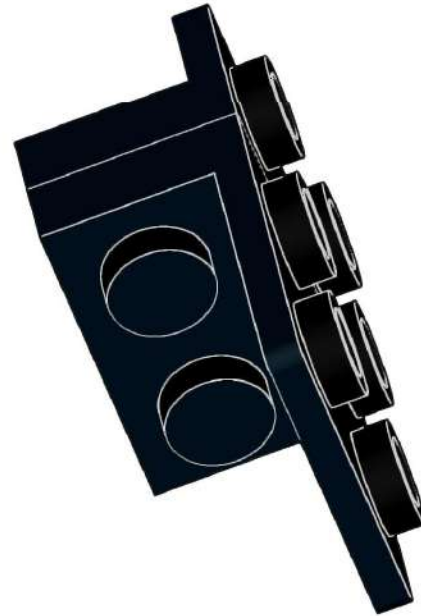
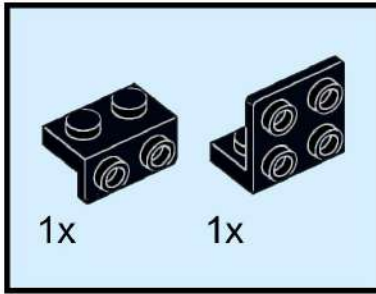
167



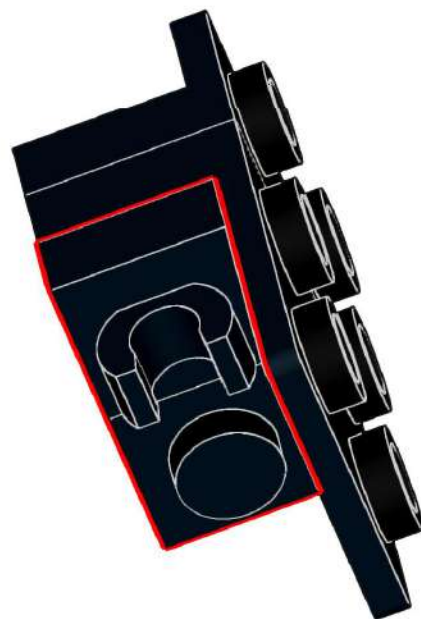
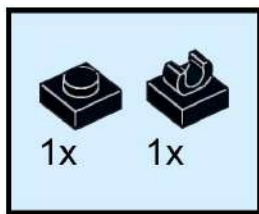
168



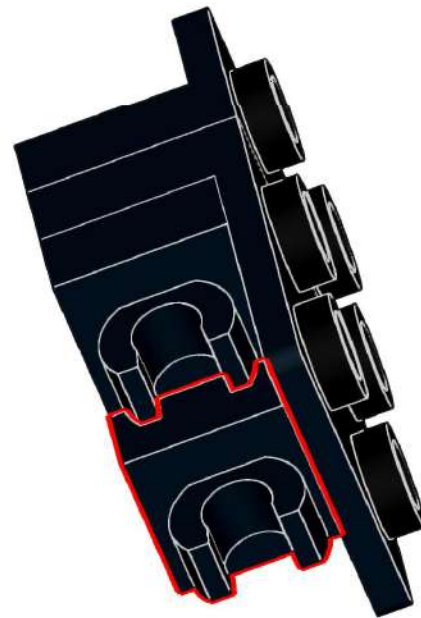
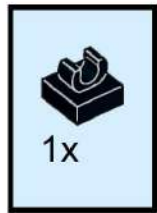
169



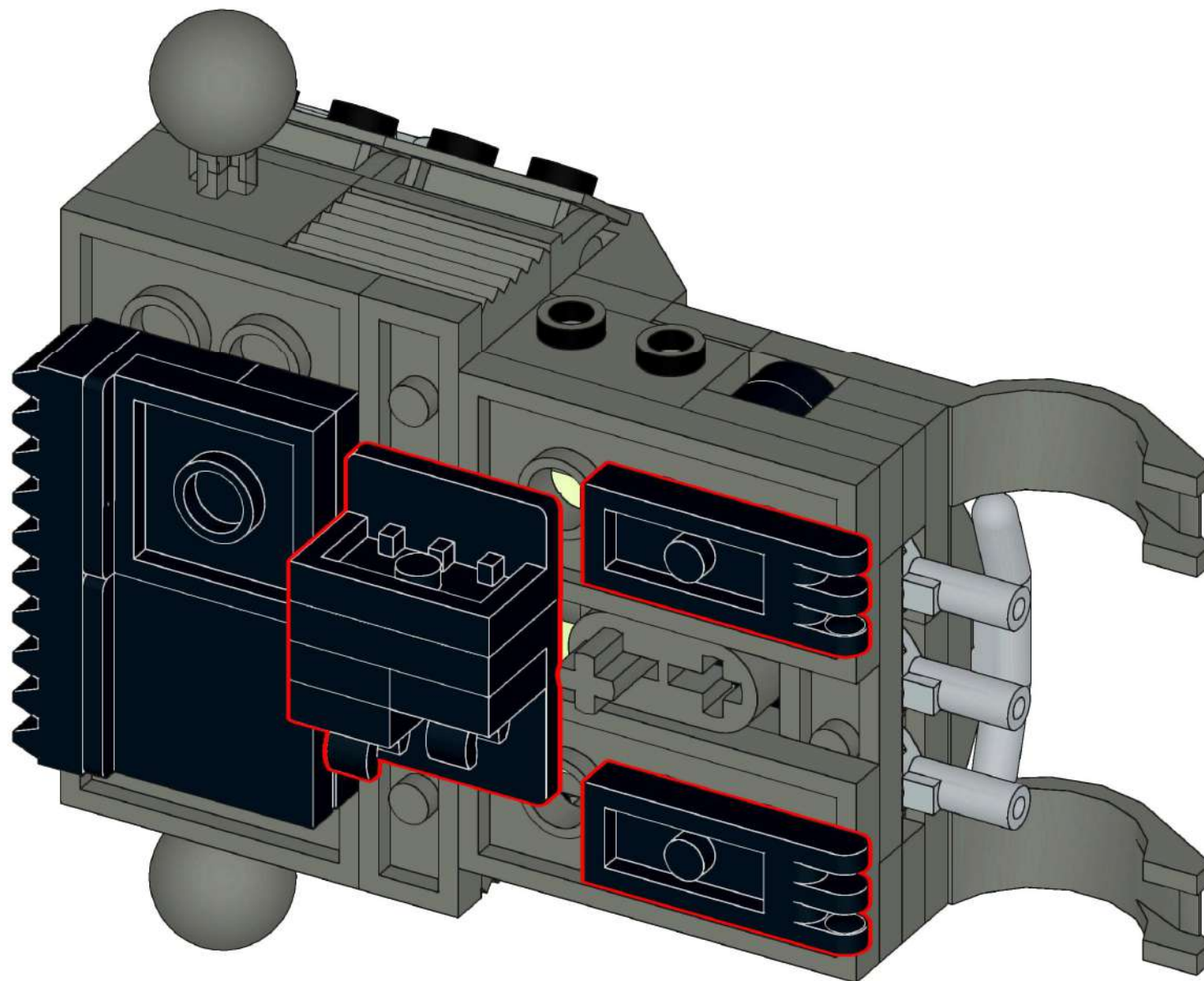
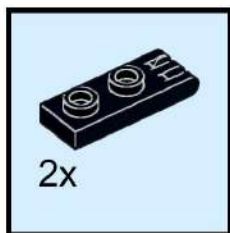
170



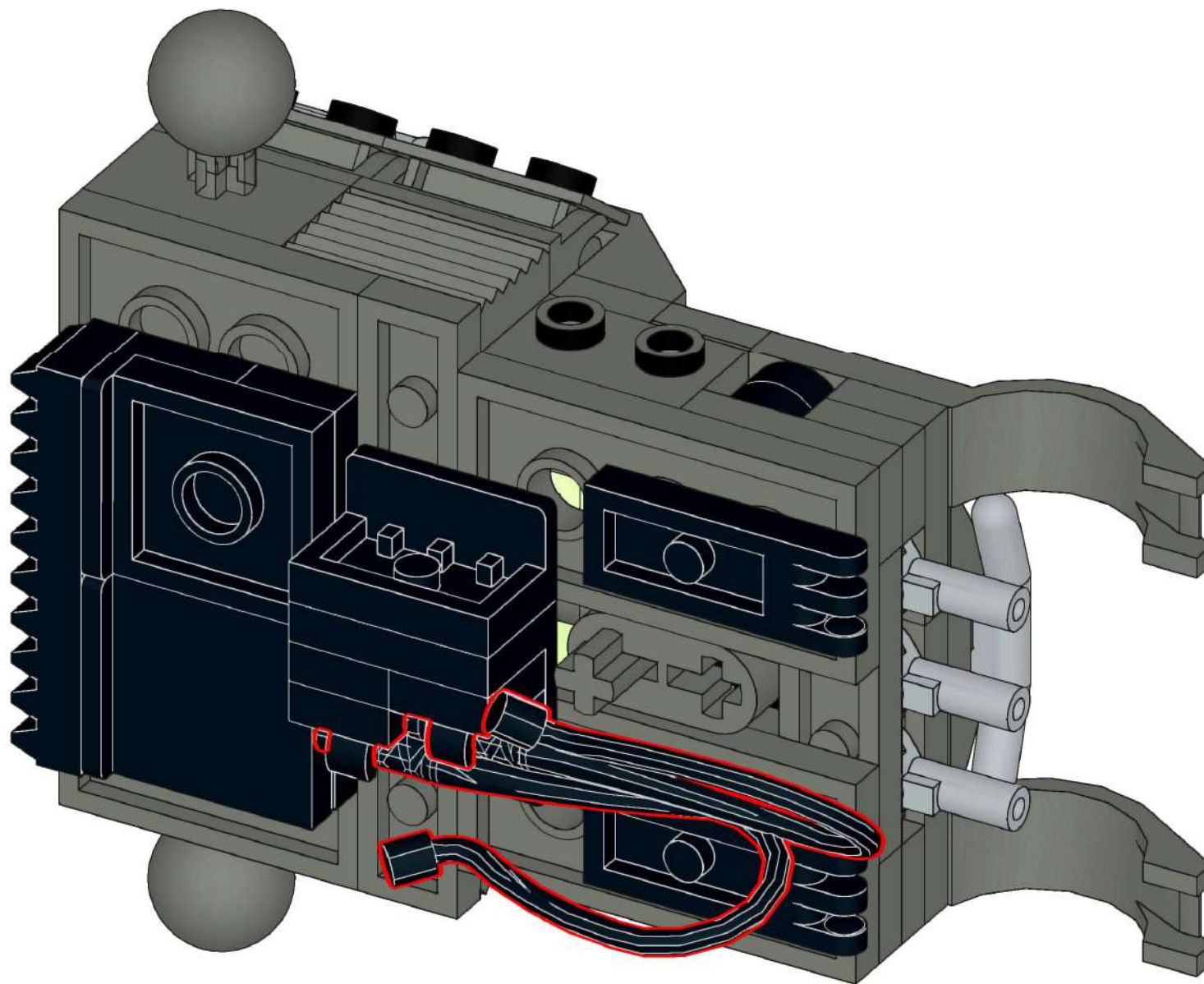
171



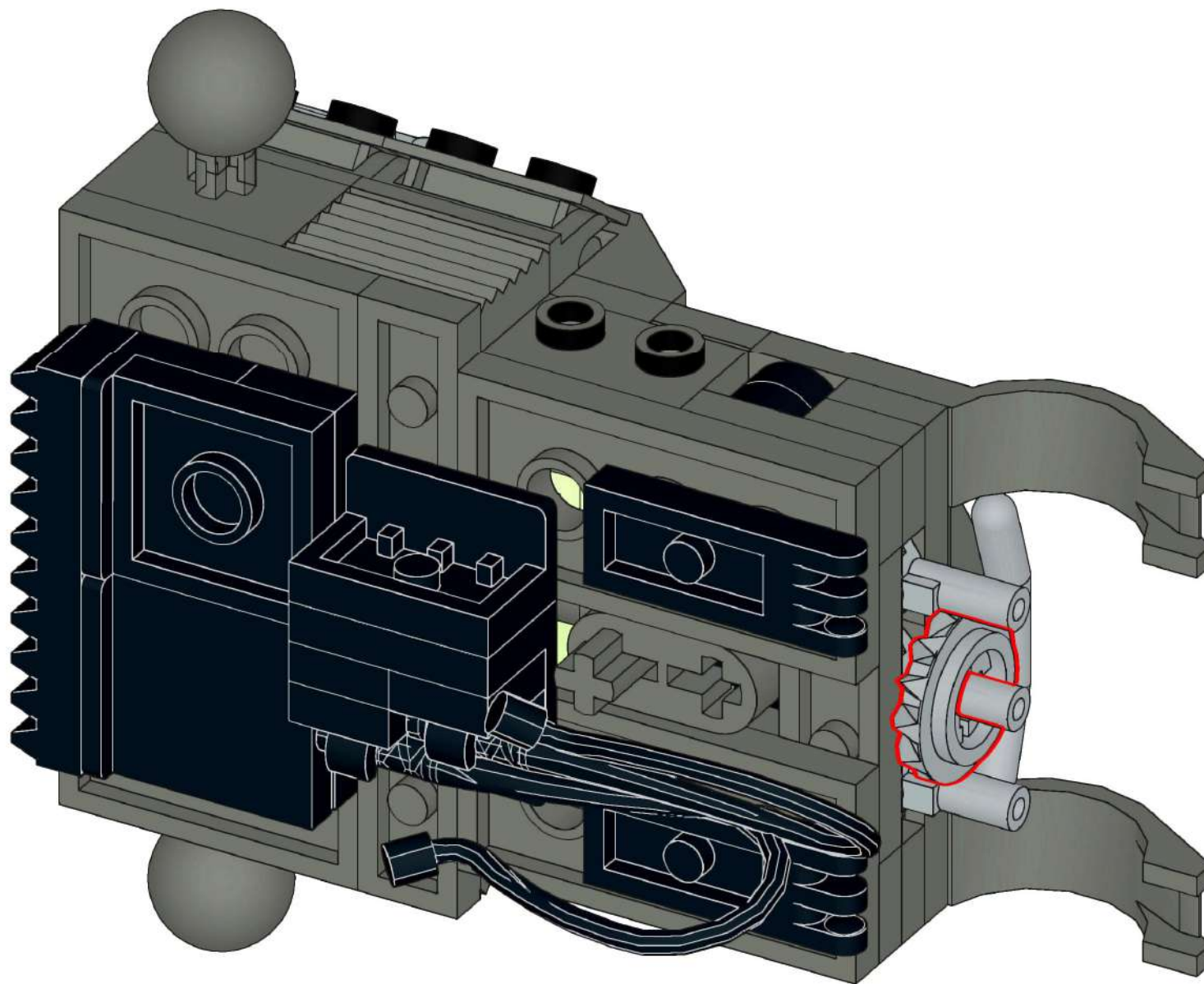
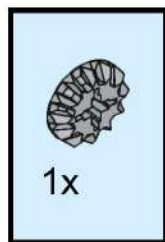
172



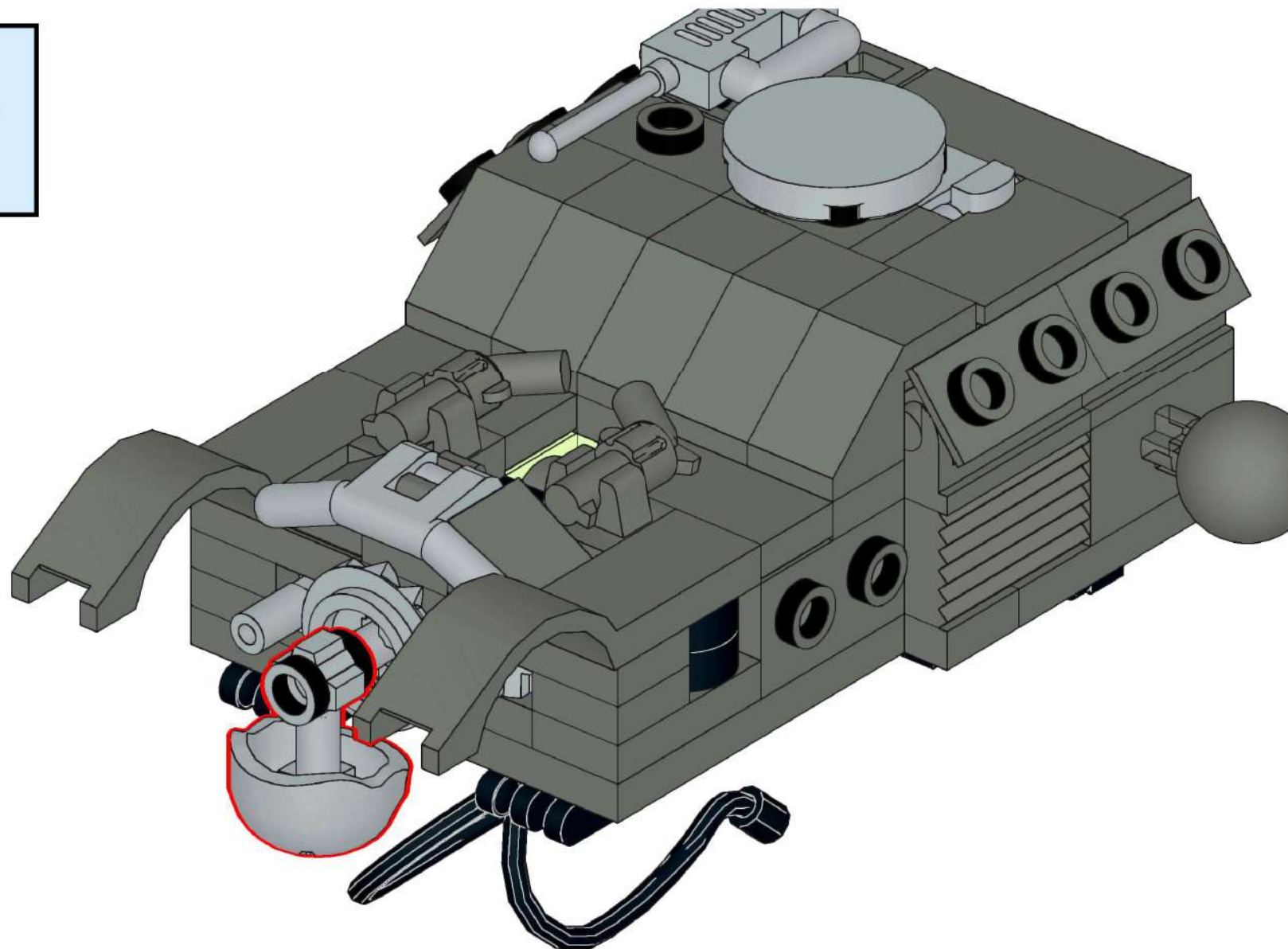
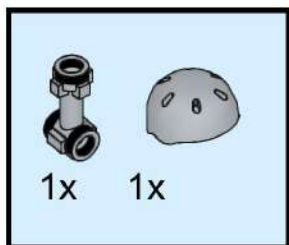
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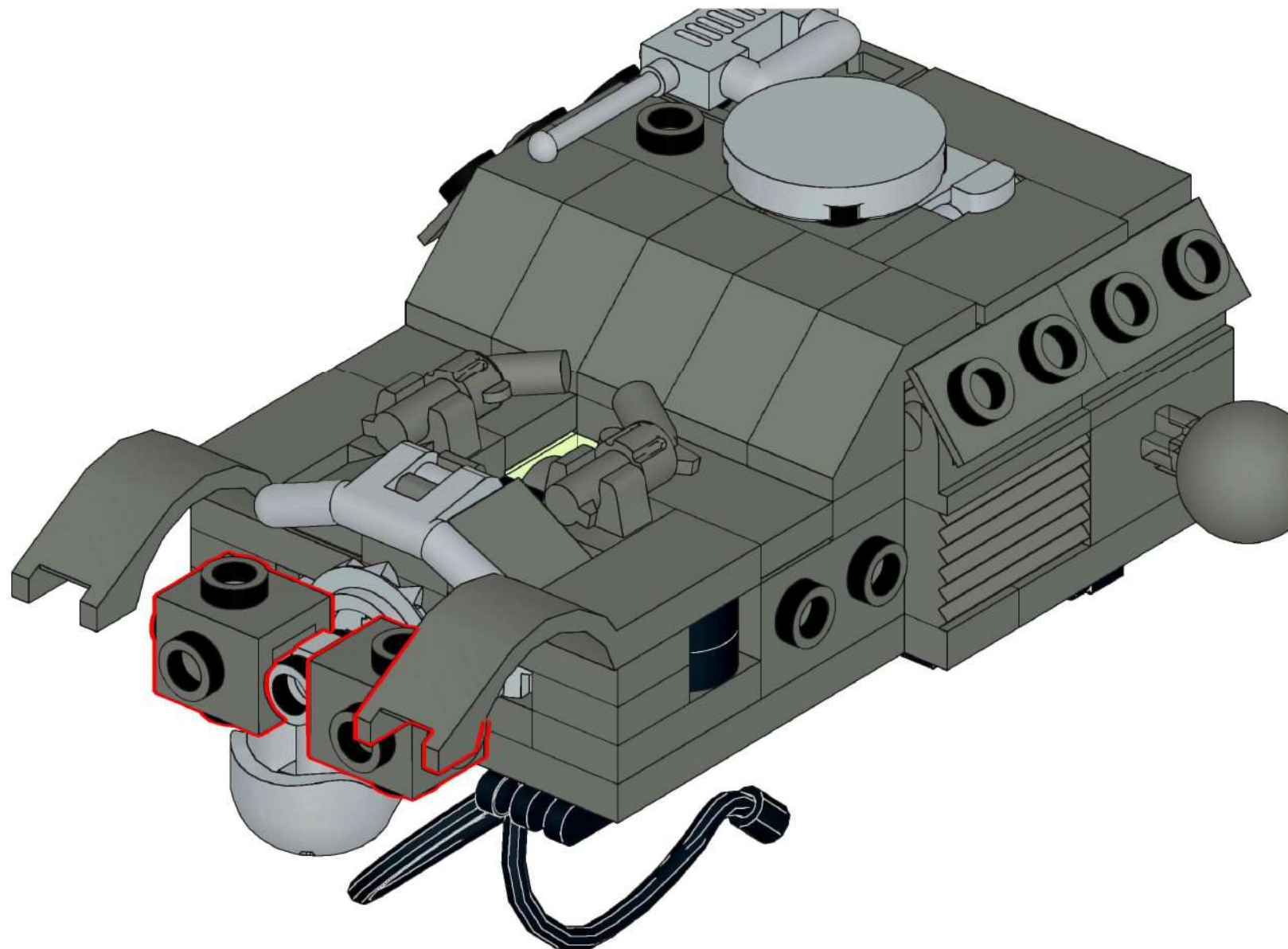
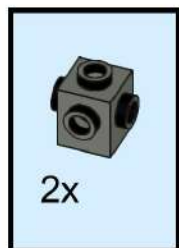
174



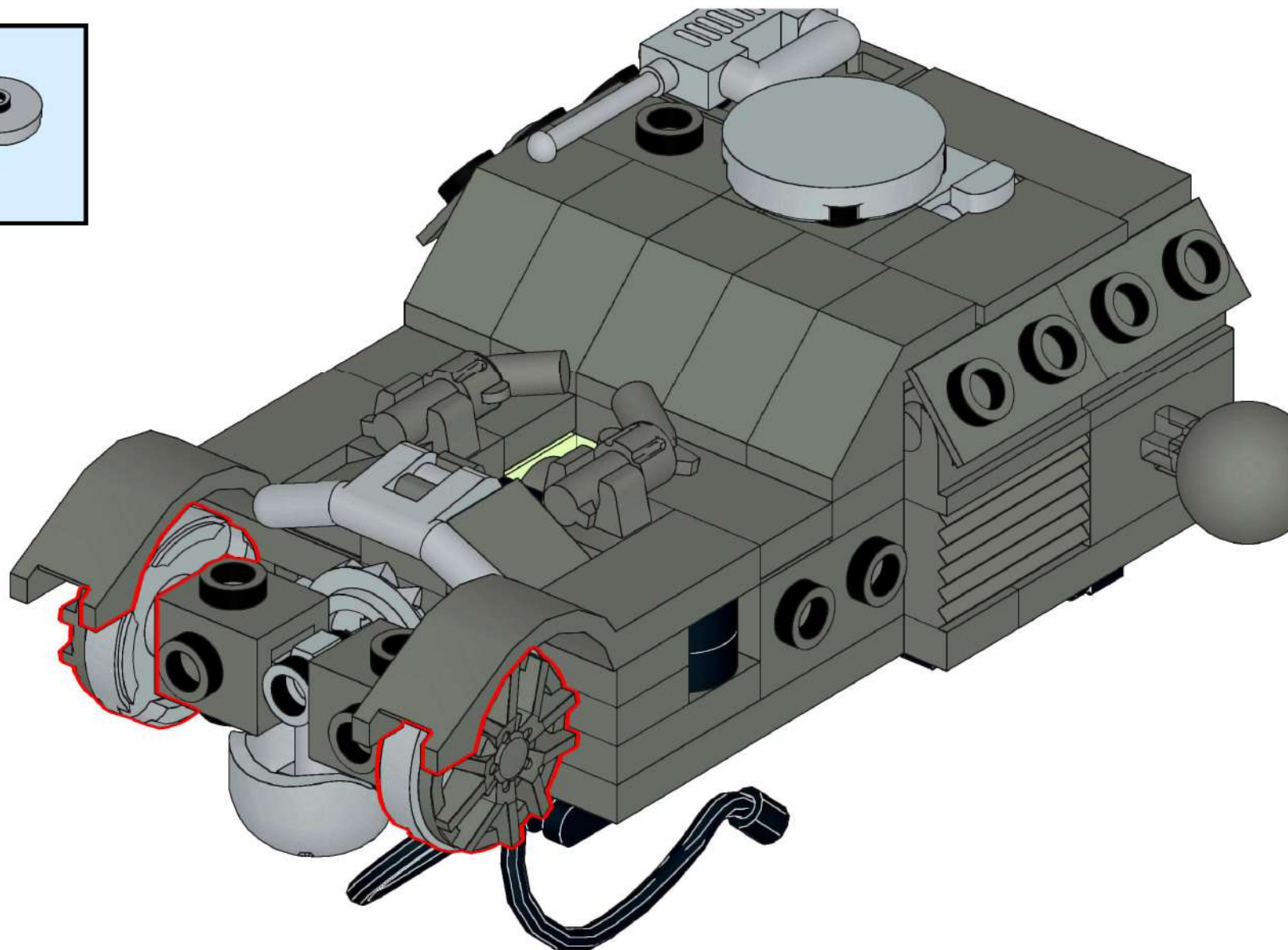
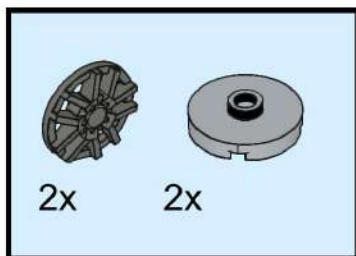
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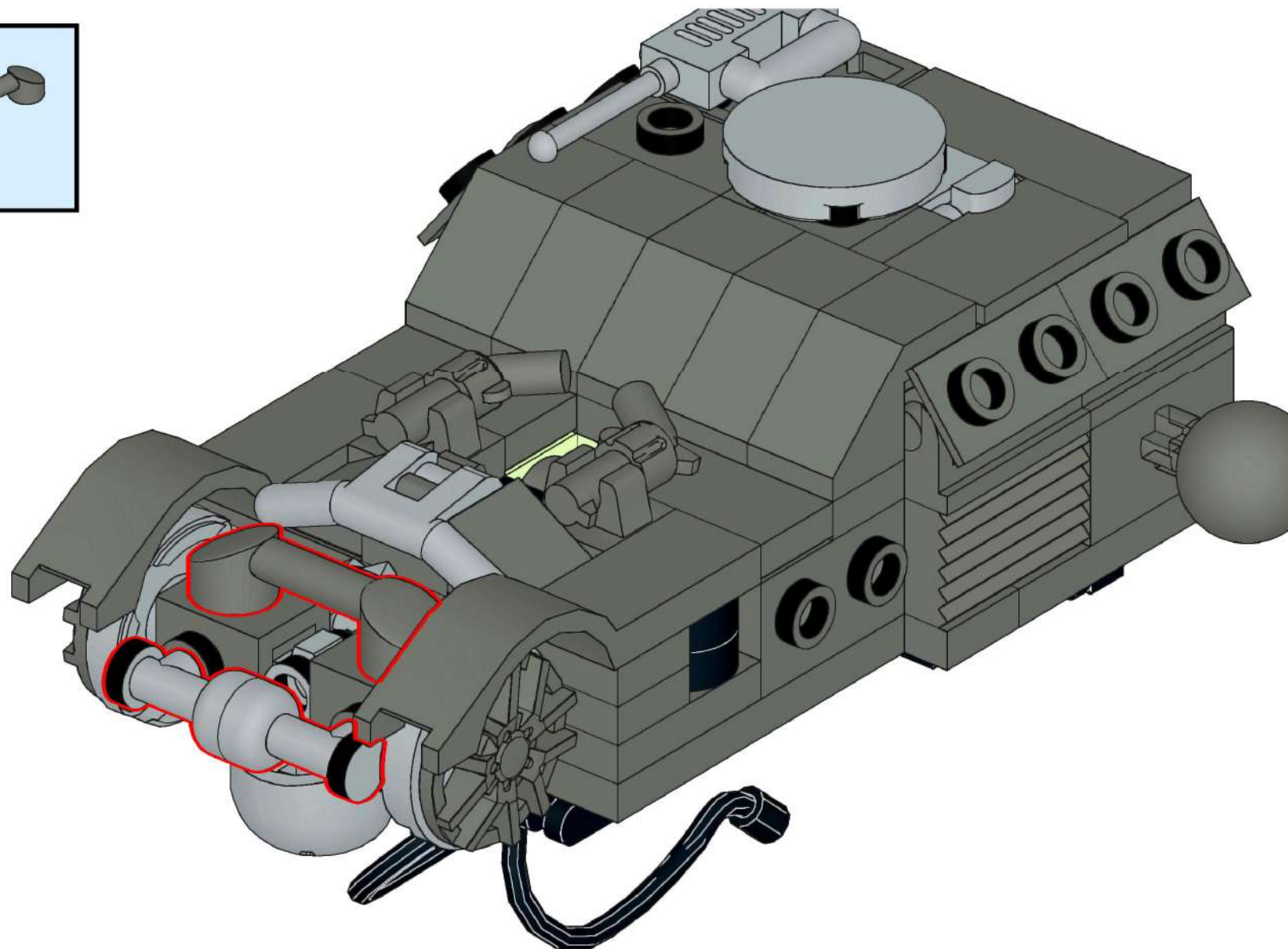
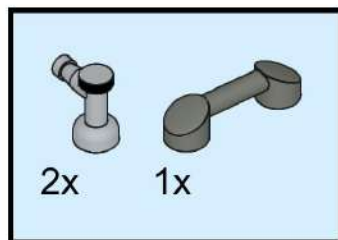
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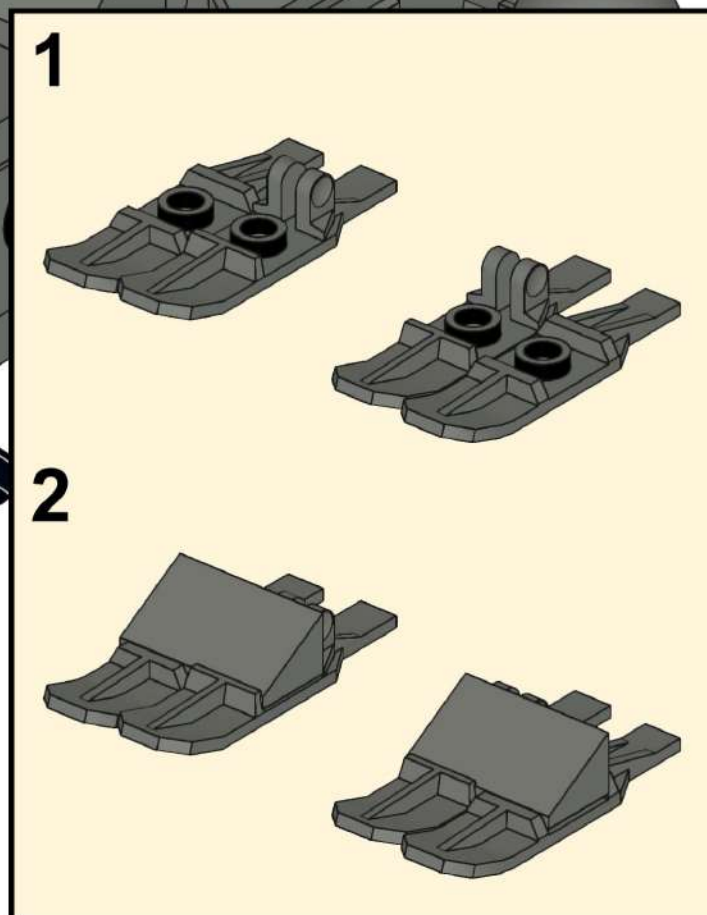
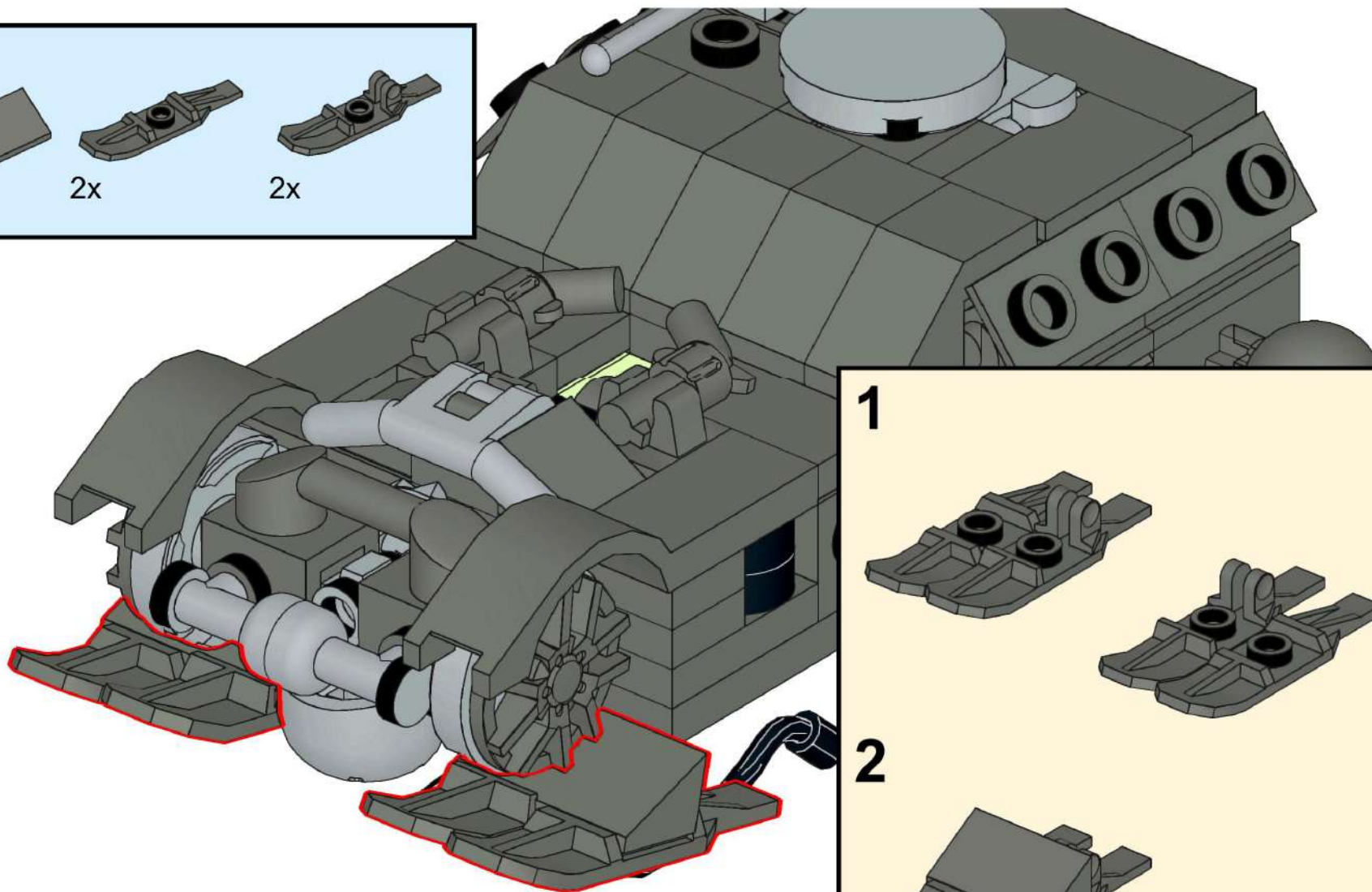
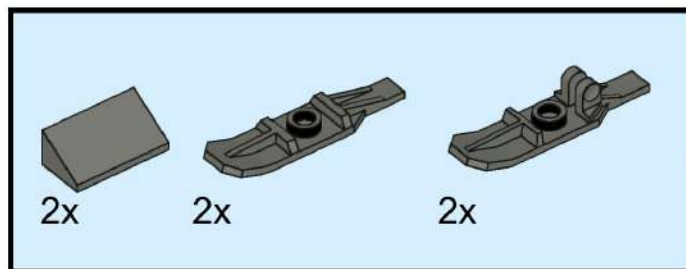
177



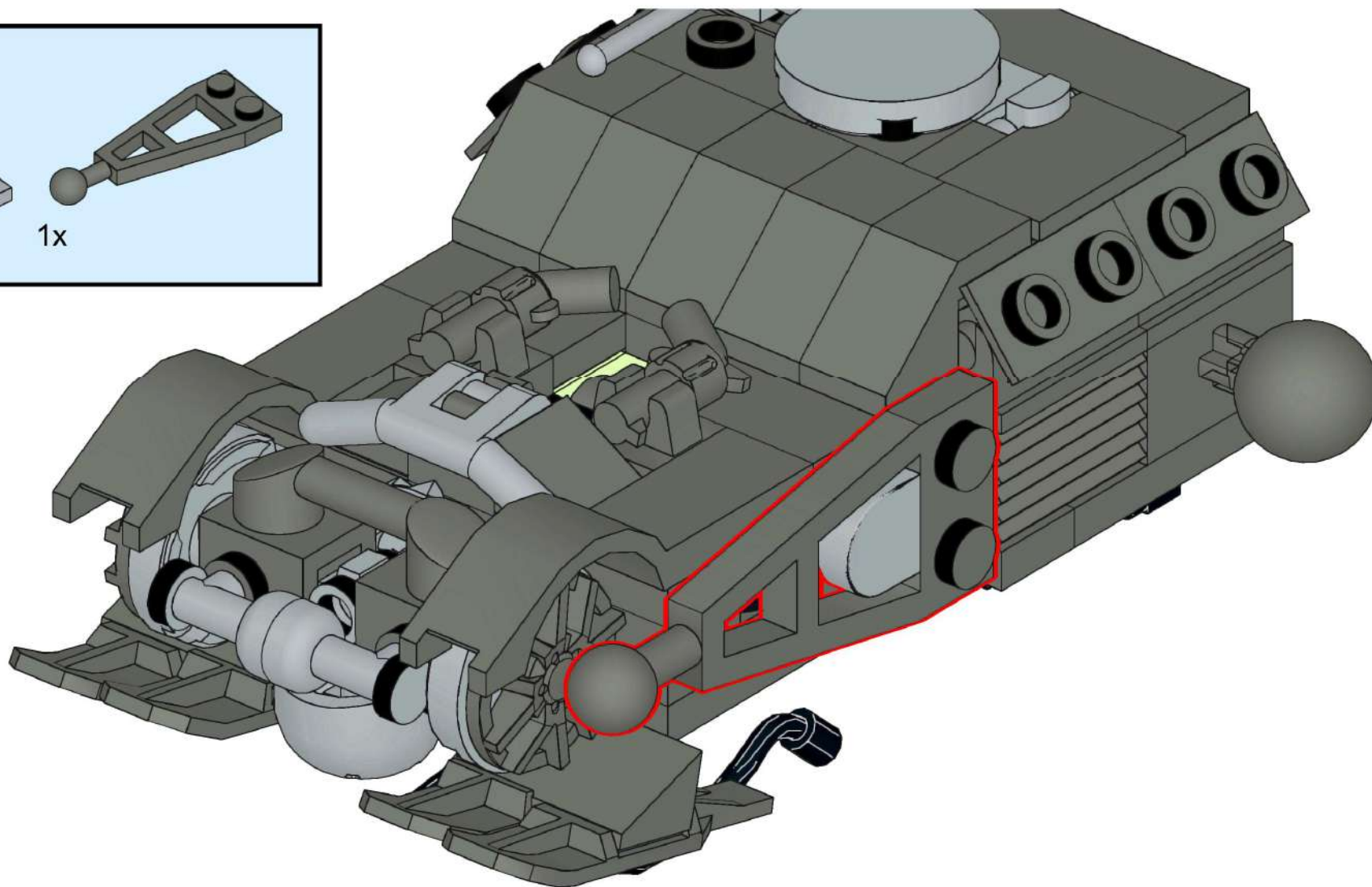
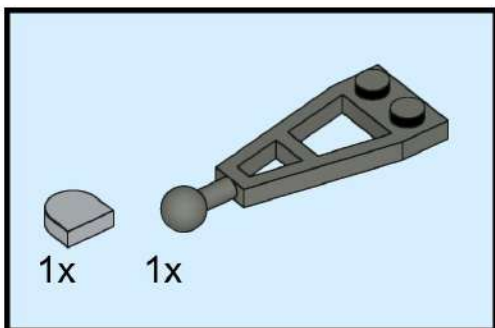
178



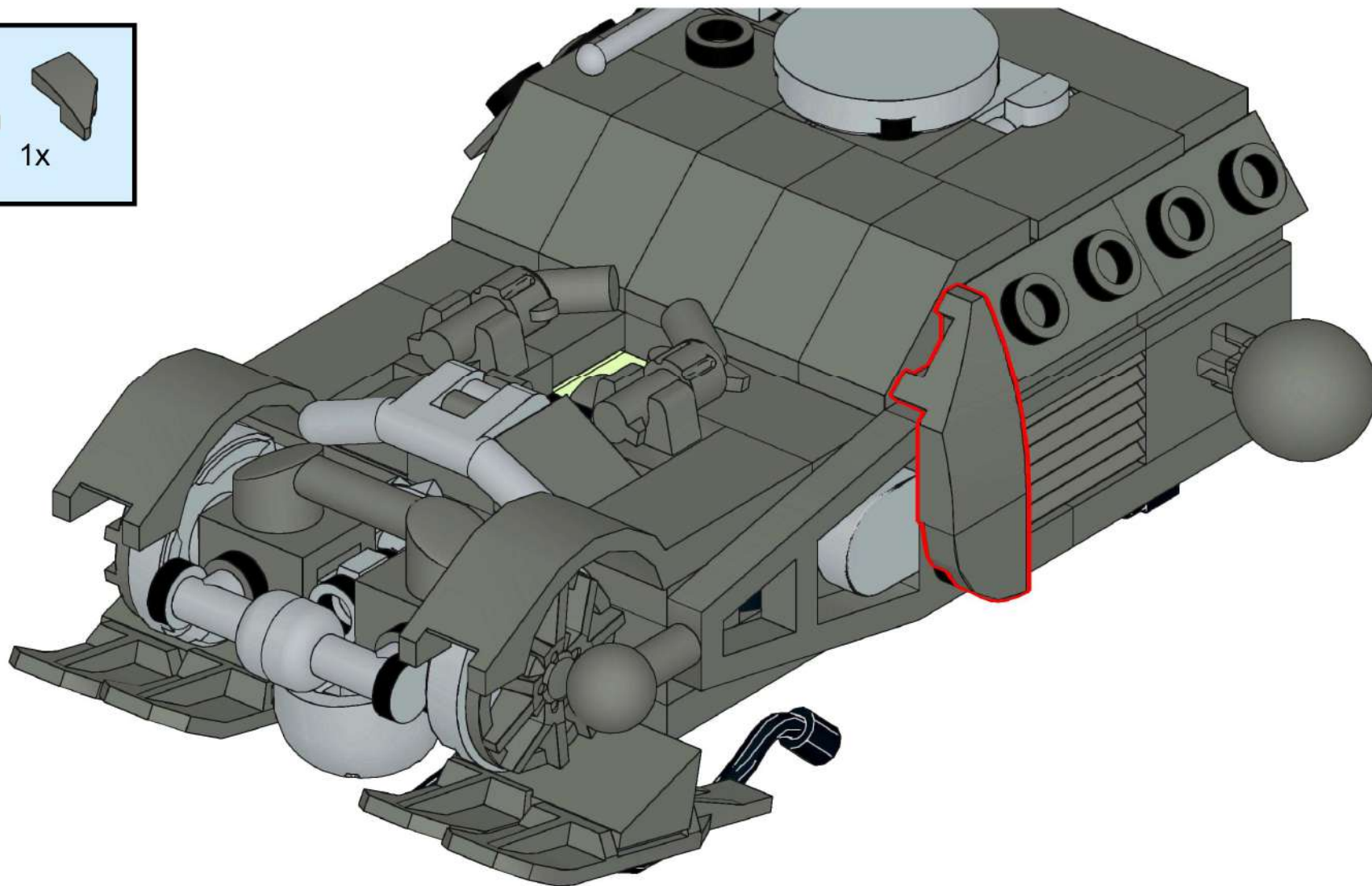
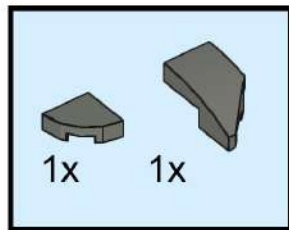
179



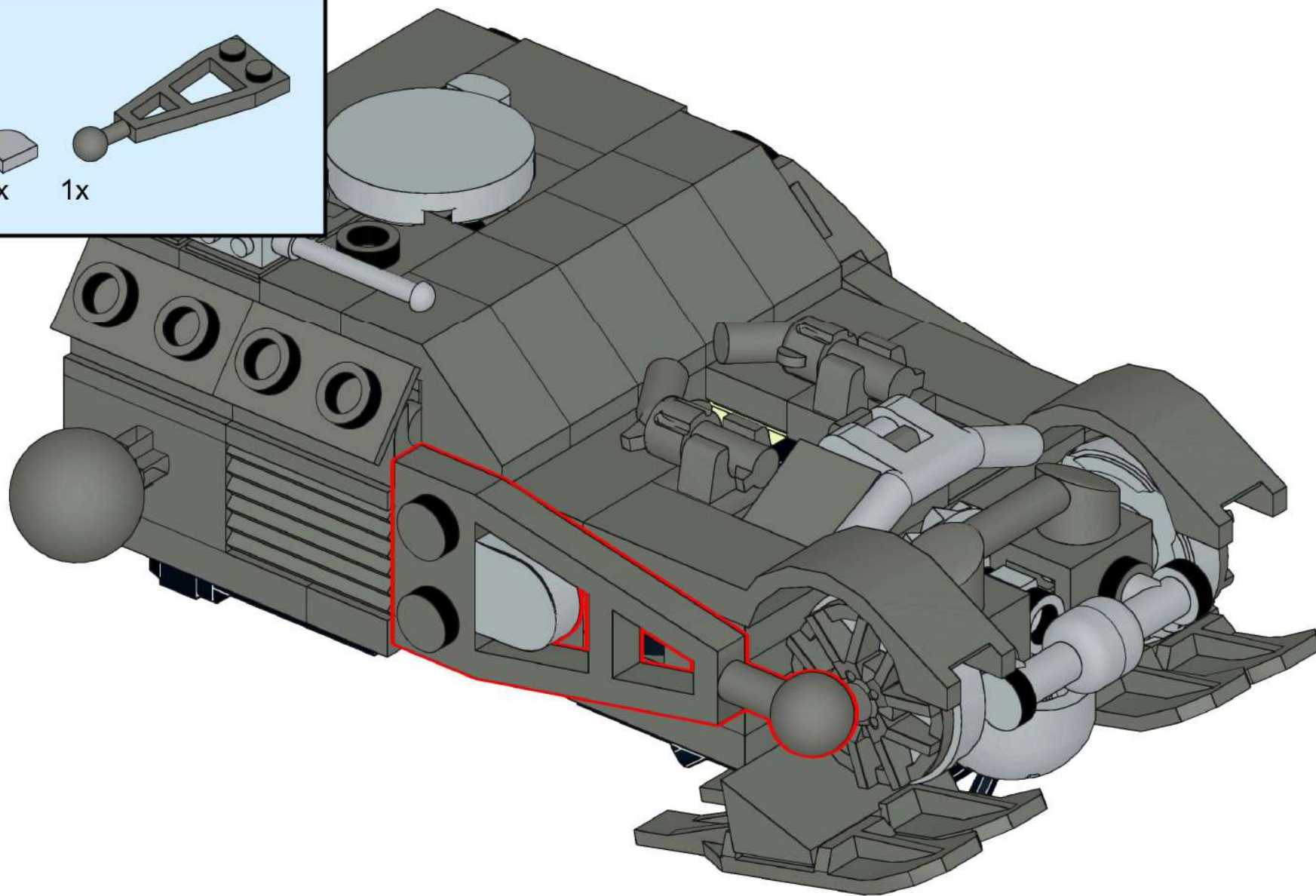
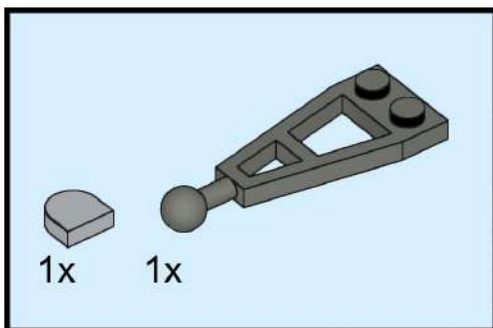
180



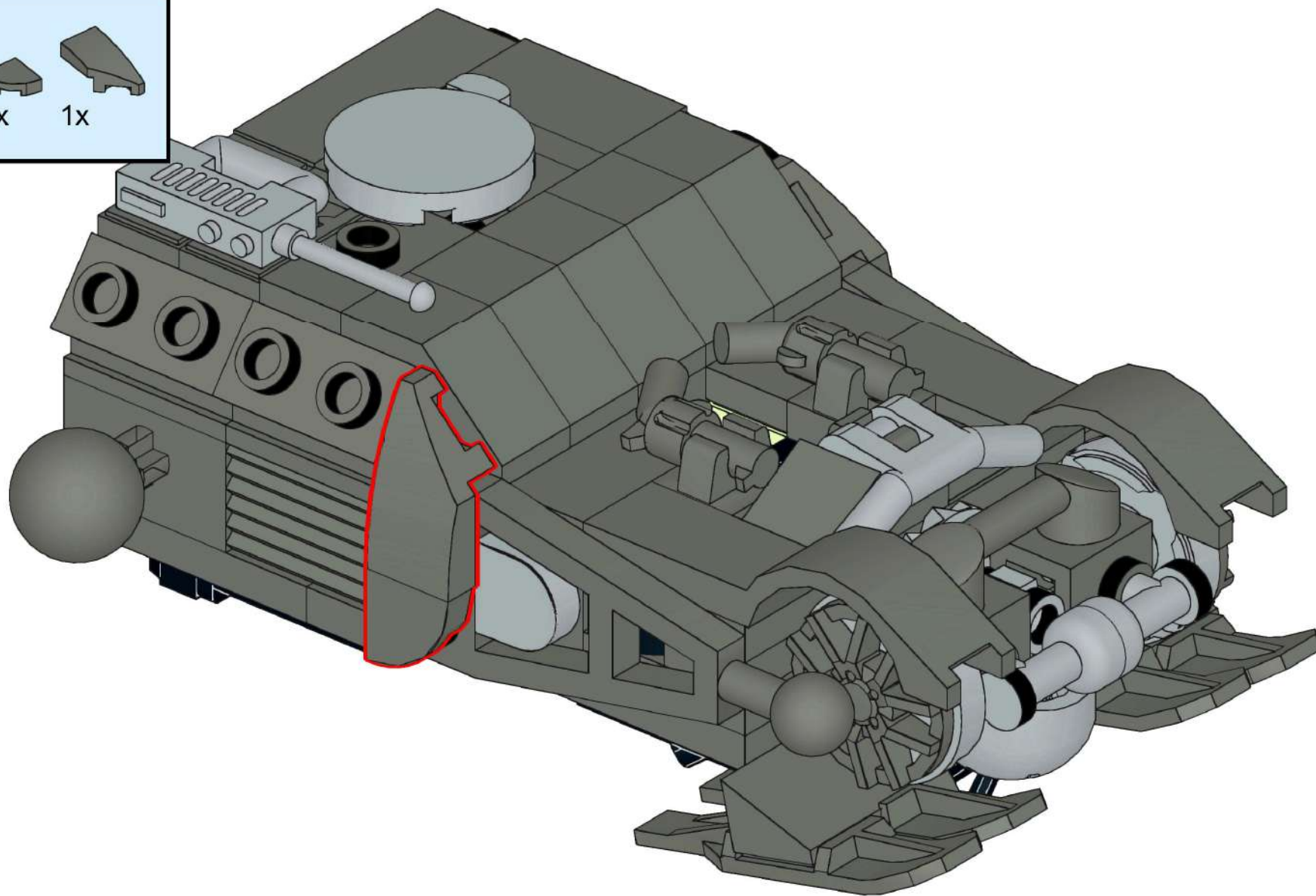
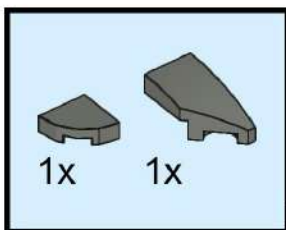
181



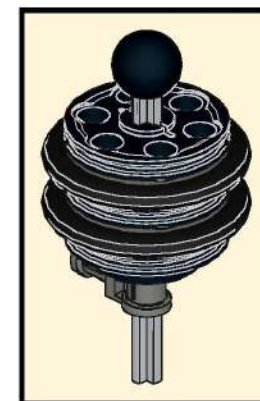
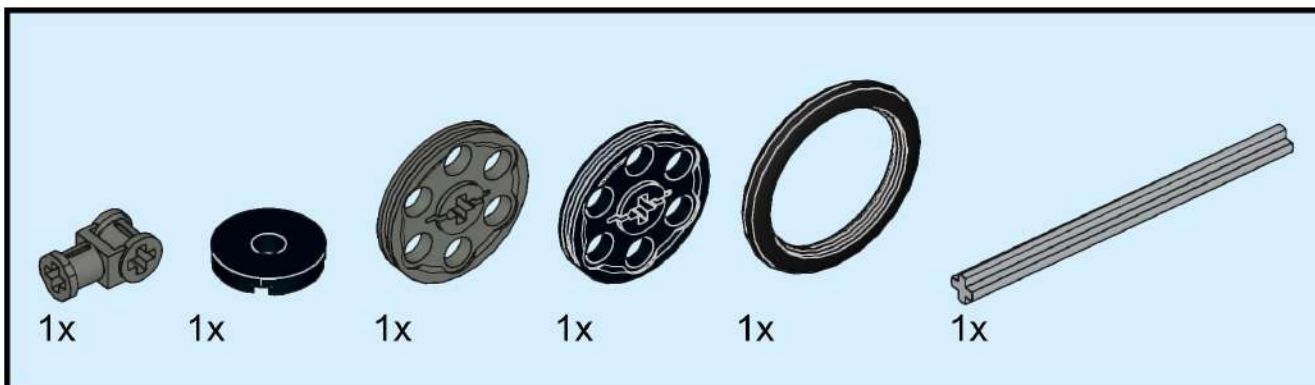
182



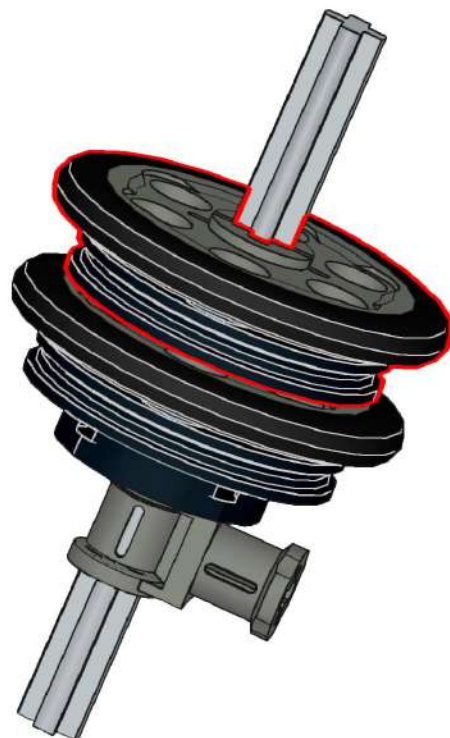
183



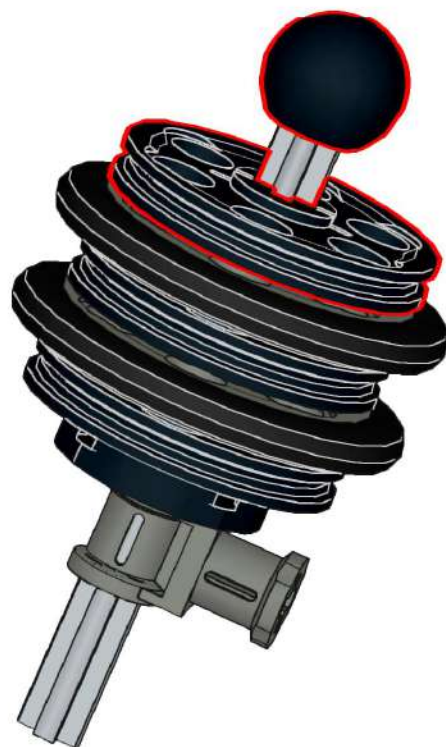
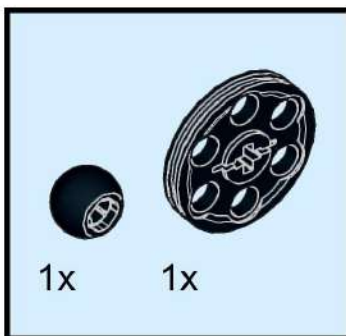
184



185



186

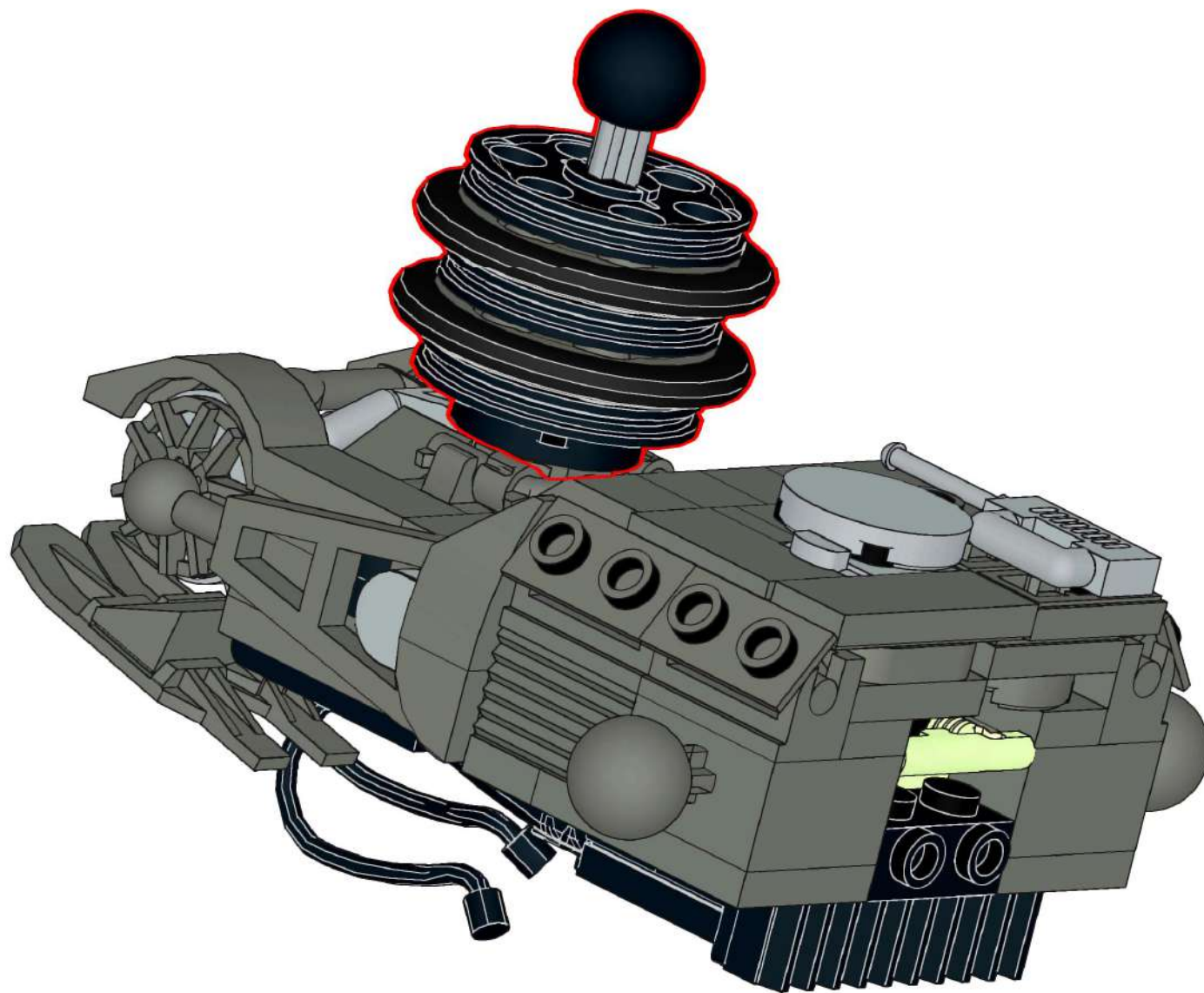


187

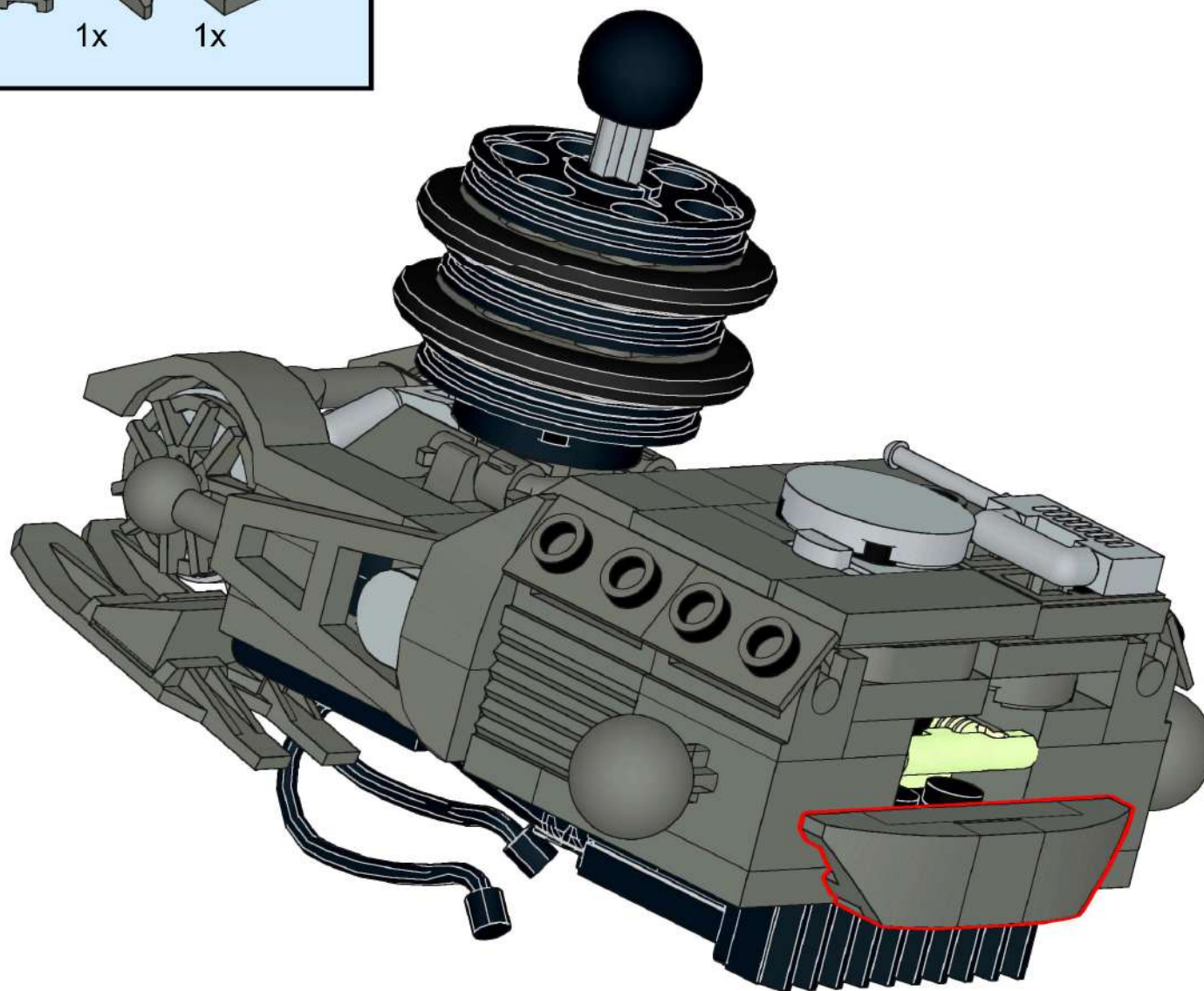
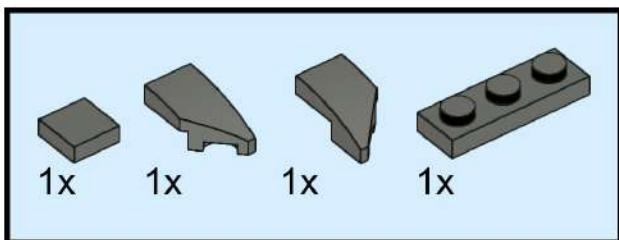


You may also squish an inverted (inside out) 6578 tire in-between 2x black 4185 wheels (as seen on final pictures).

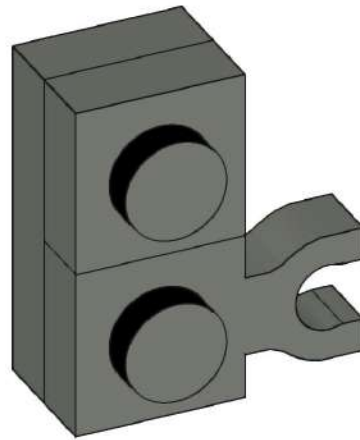
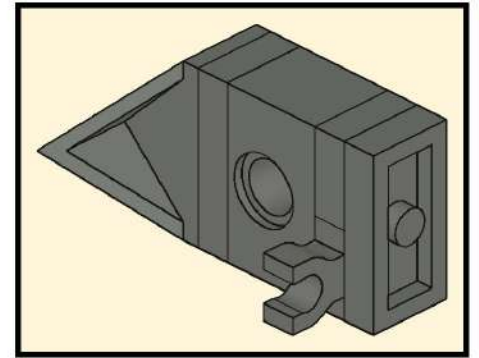
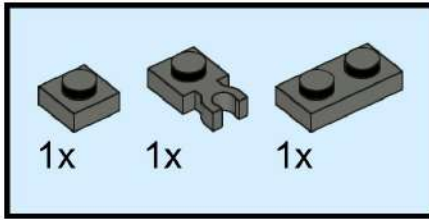
It is, however, not a “legal technique”, while the entire build otherwise only uses legal (albeit fragile) connections.



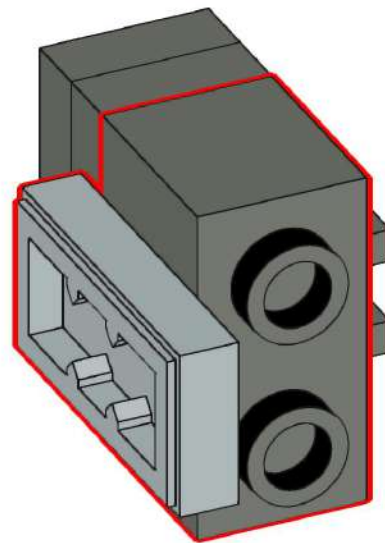
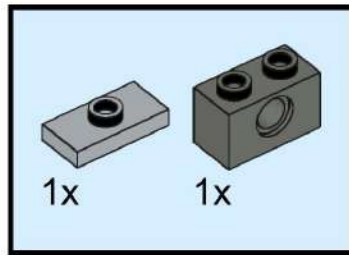
189



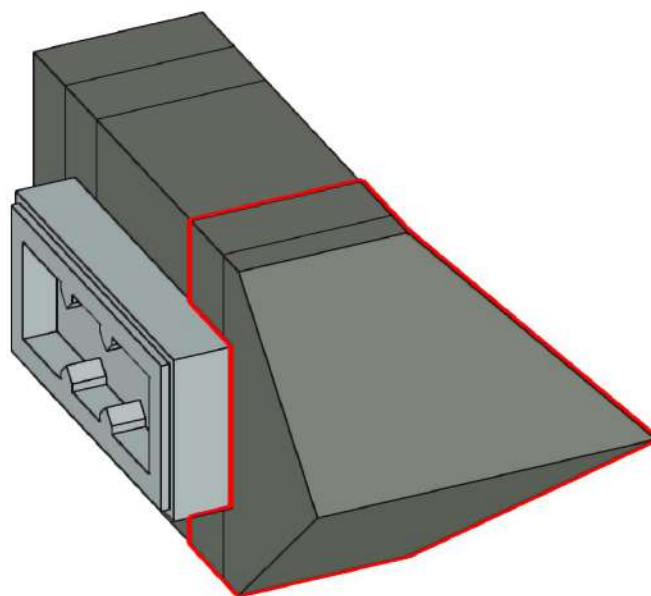
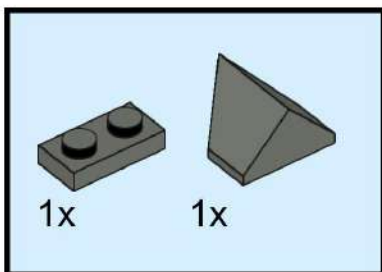
190



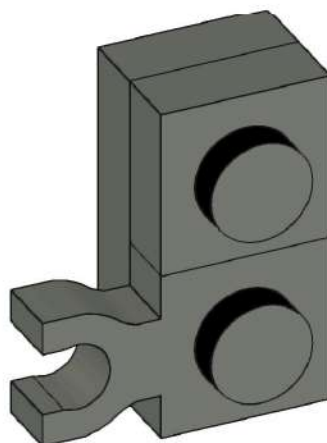
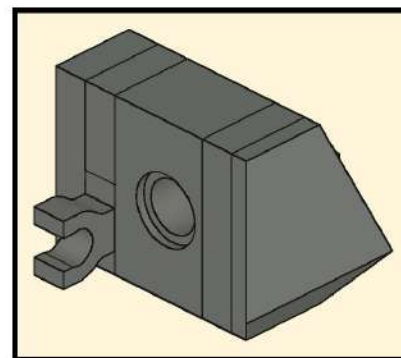
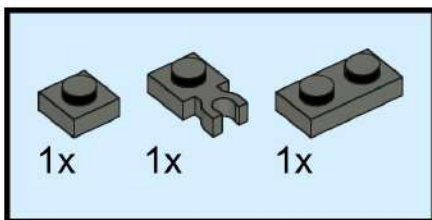
191



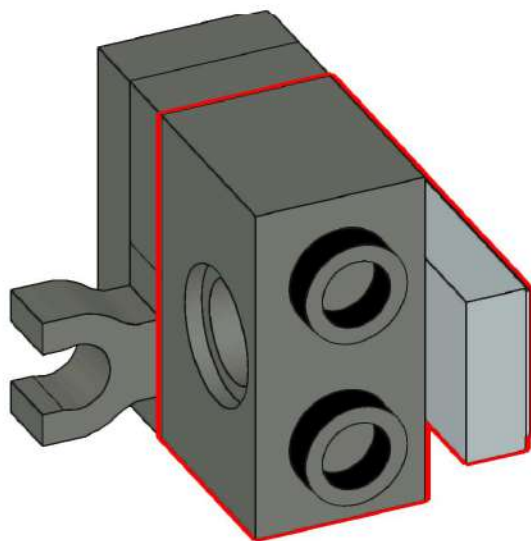
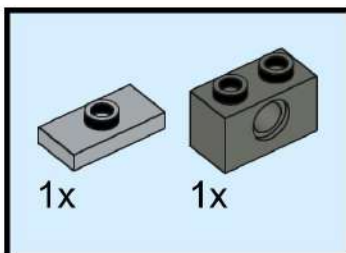
192



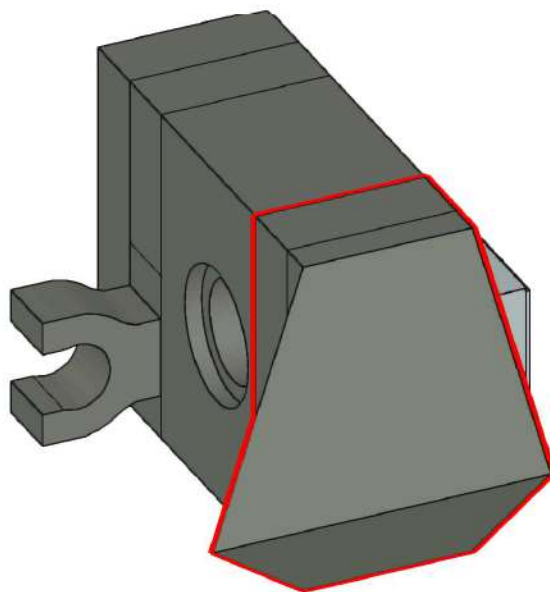
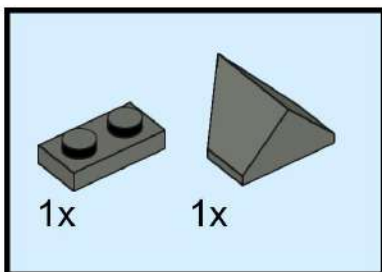
193



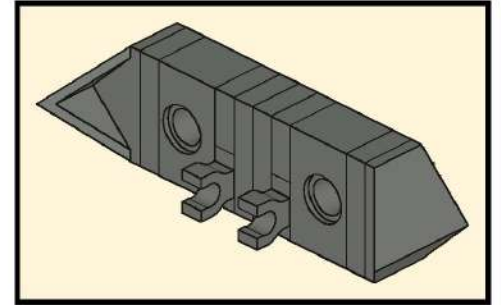
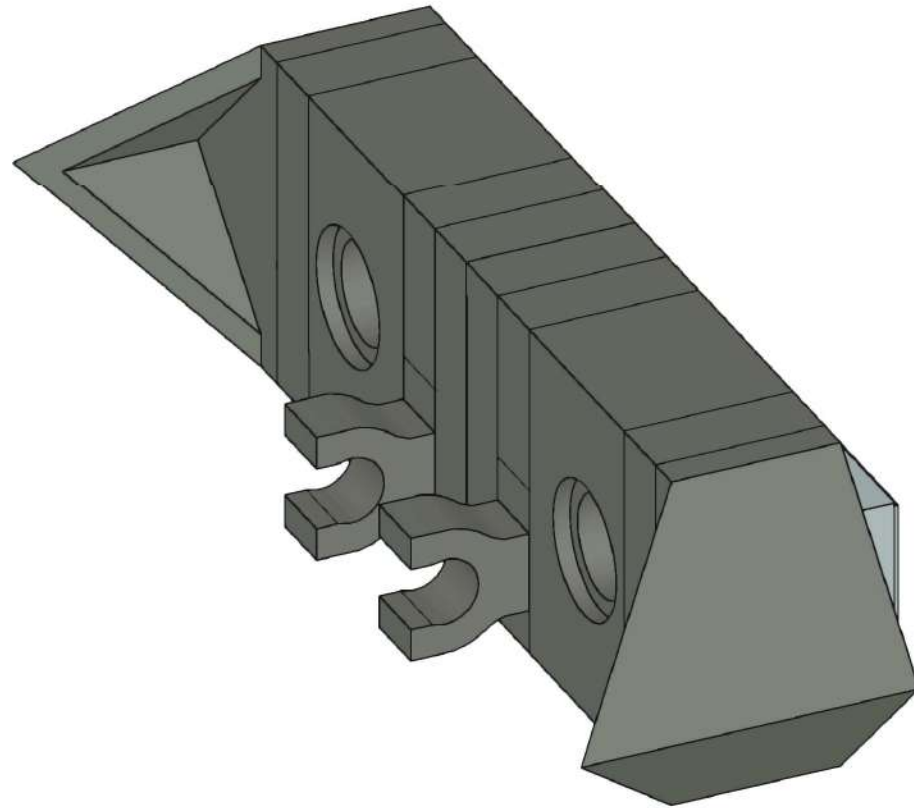
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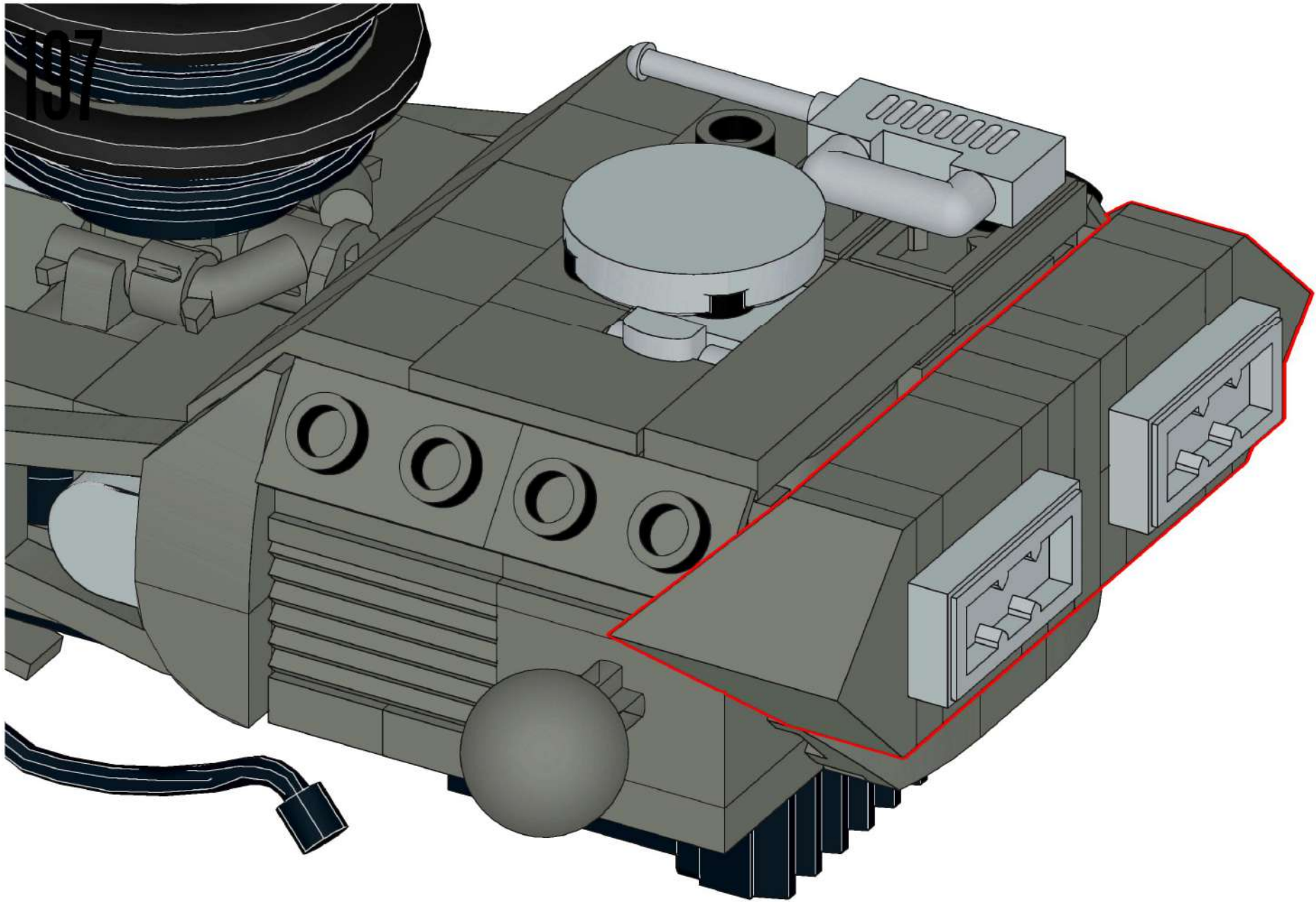


195

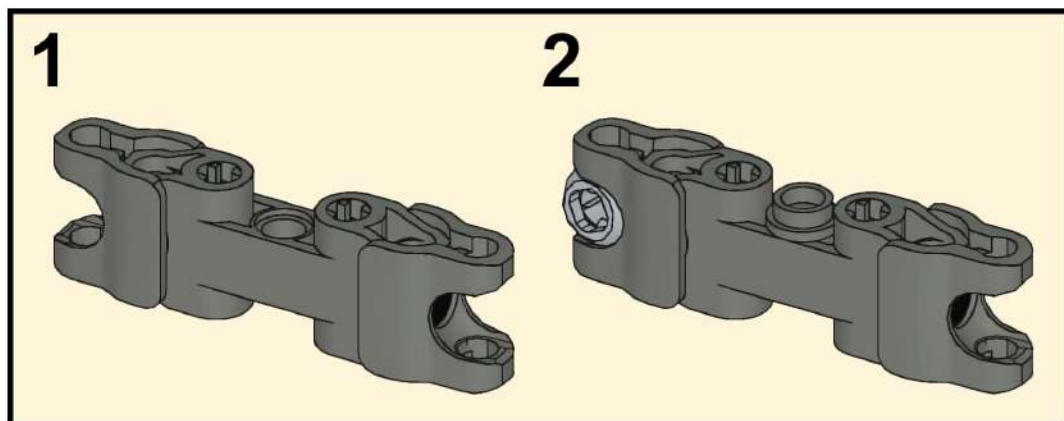
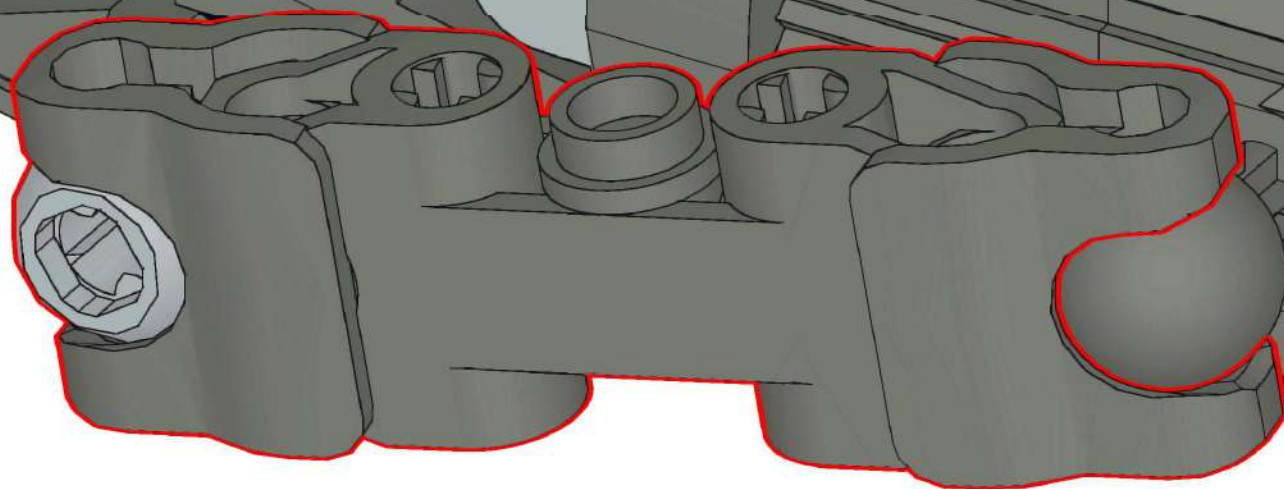
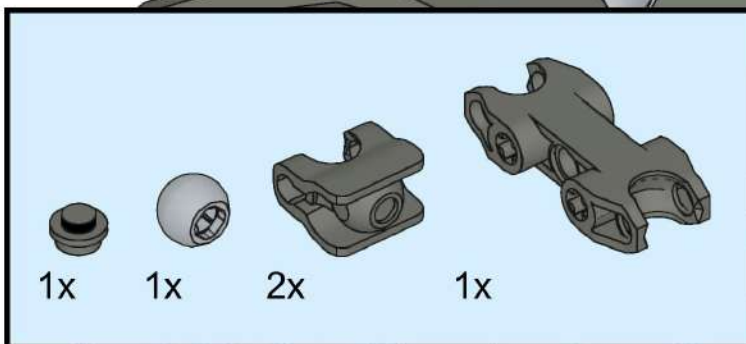


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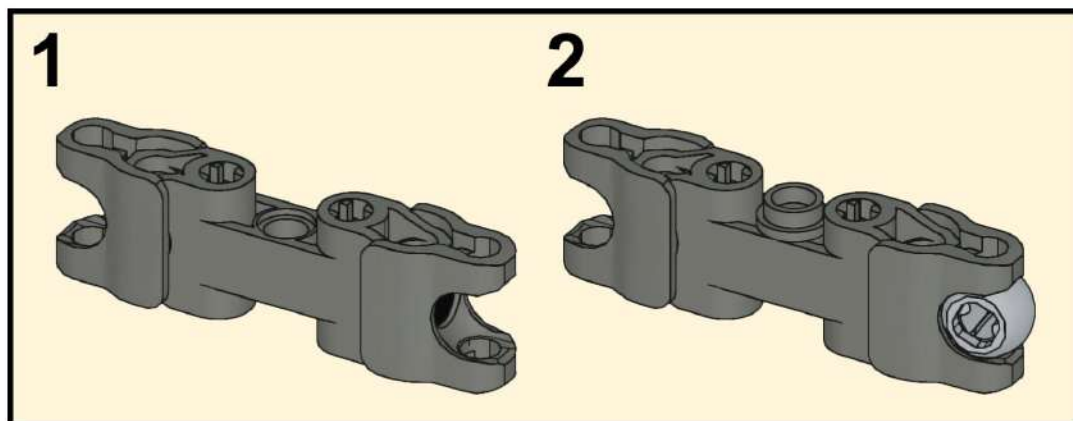
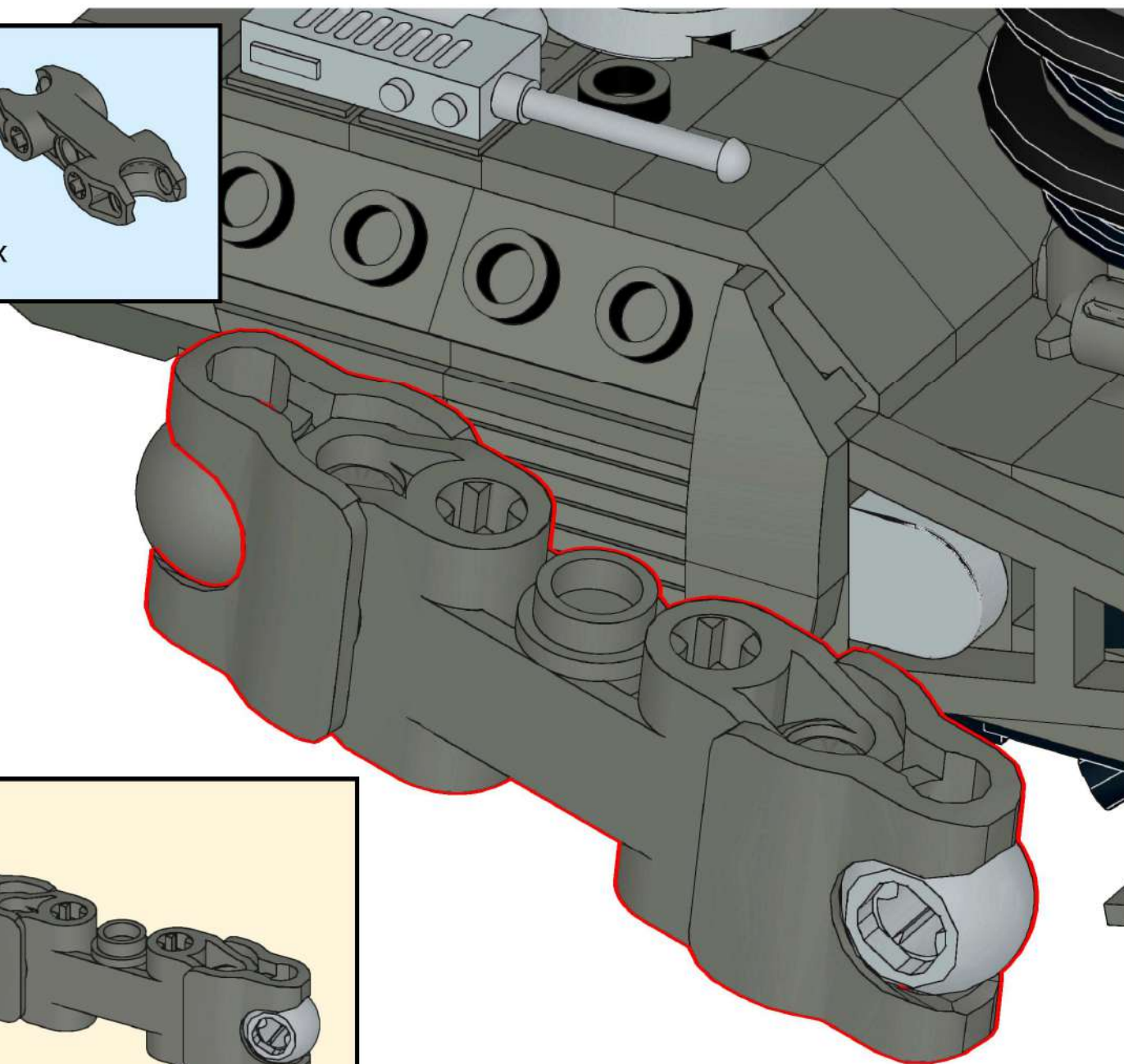
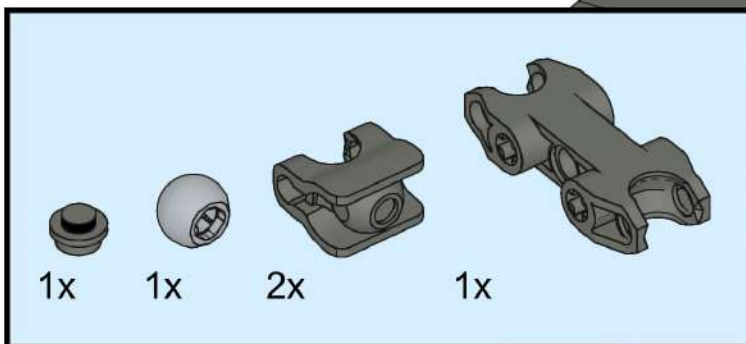




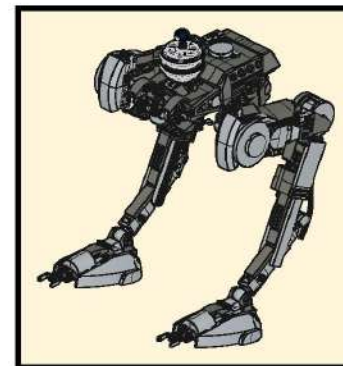
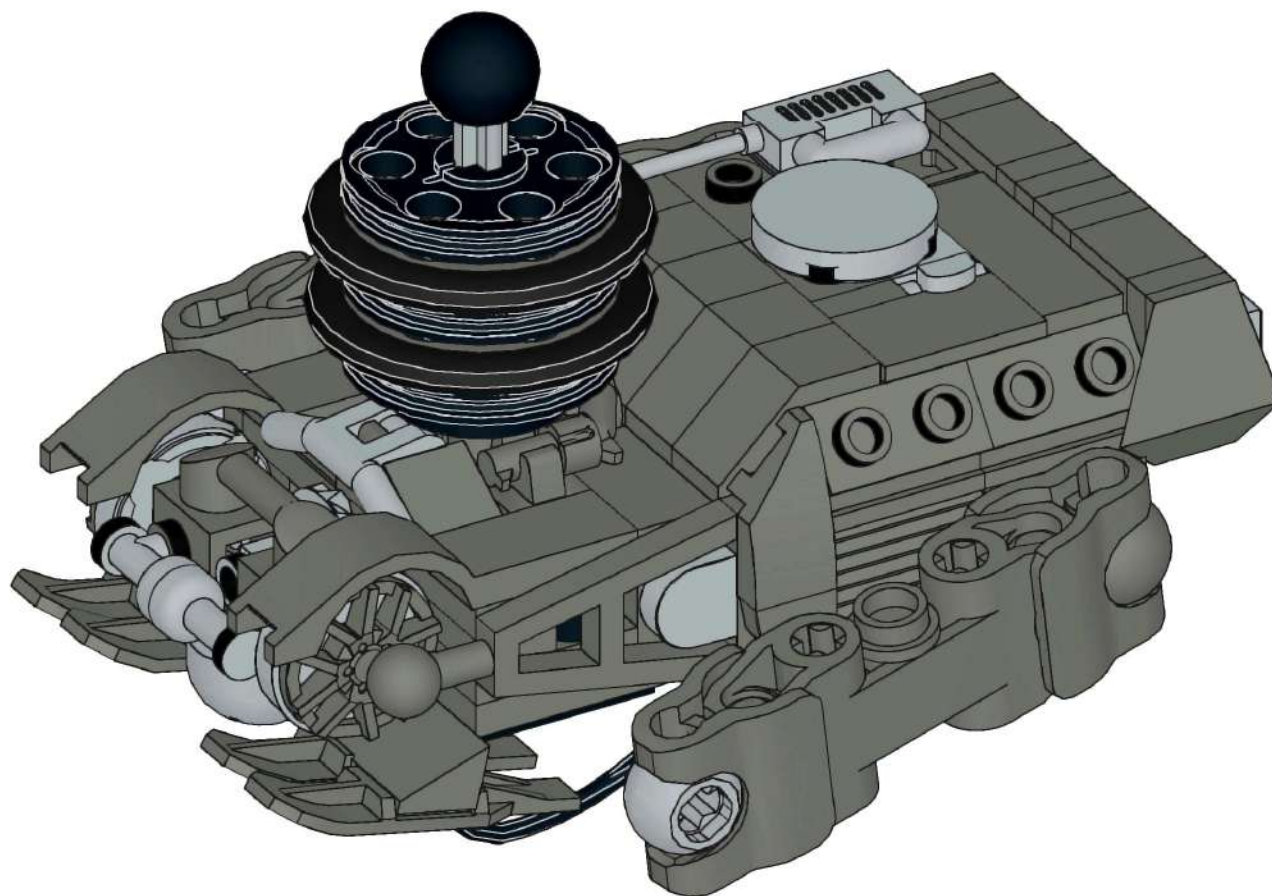
198

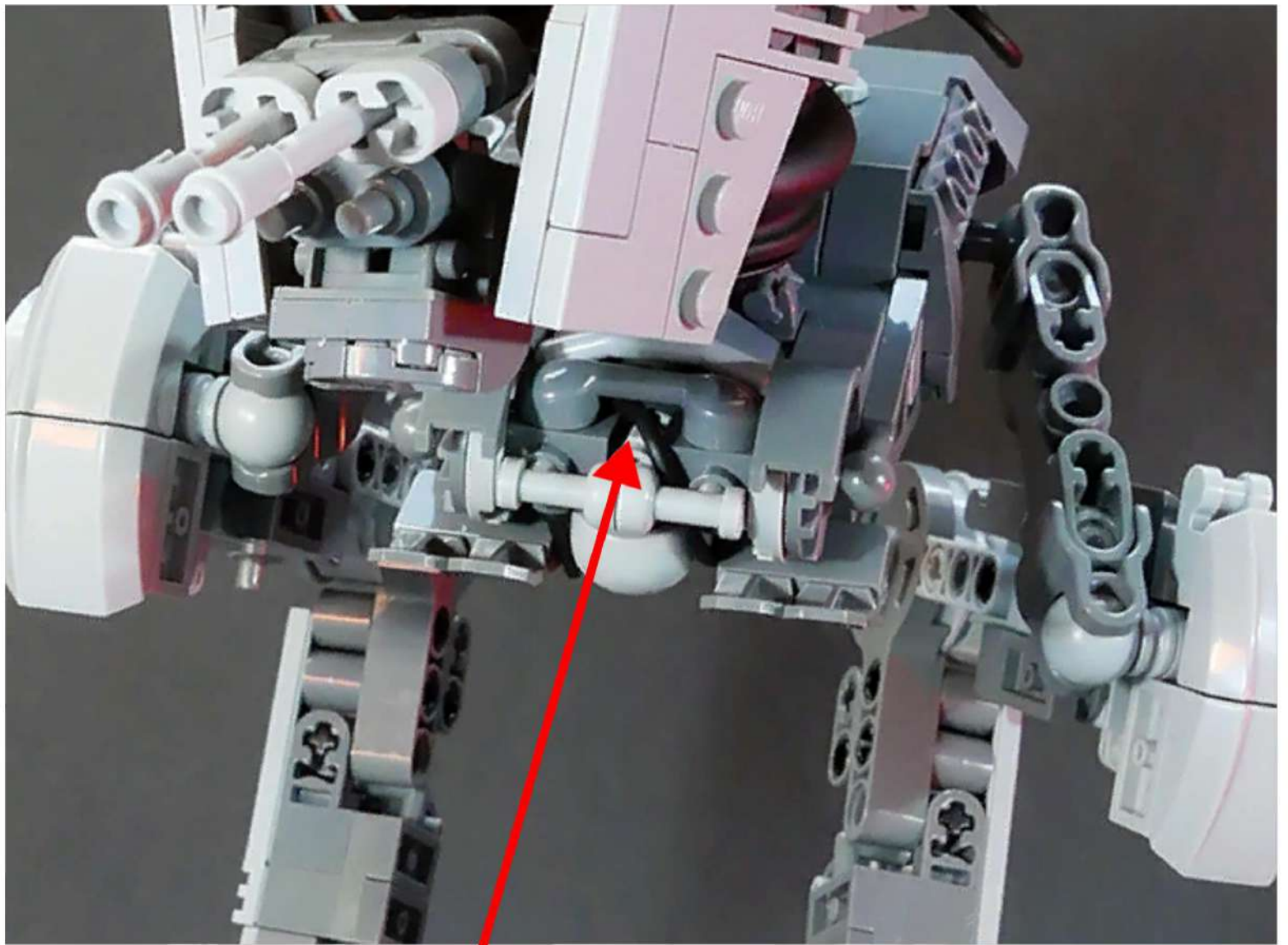



199



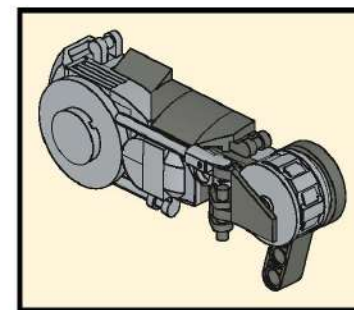
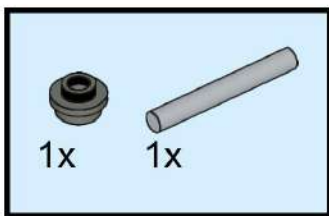
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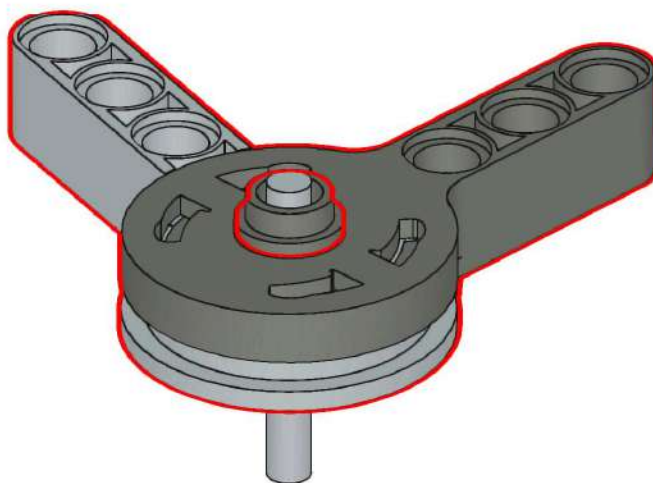
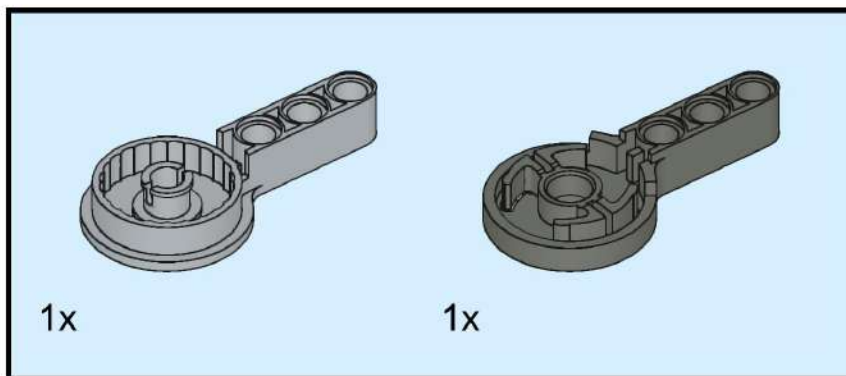


Clamp the ends of the whips there  (wherever you can).

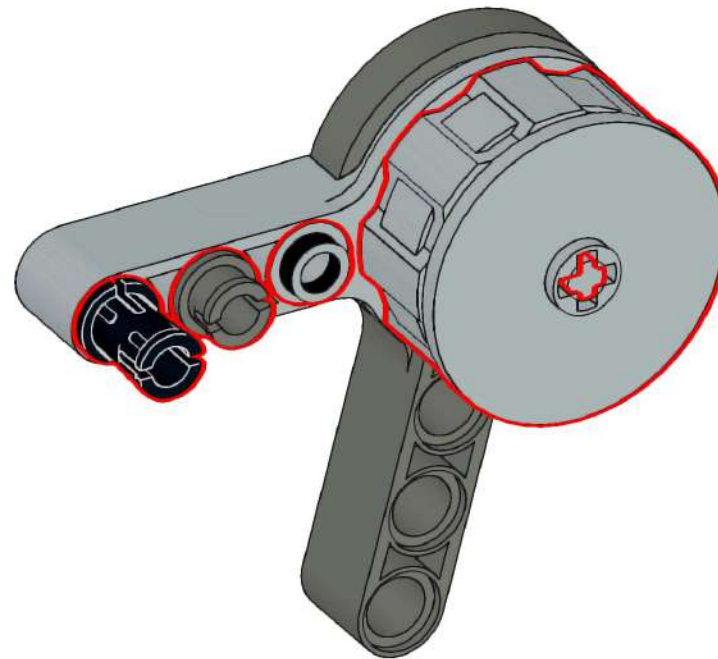
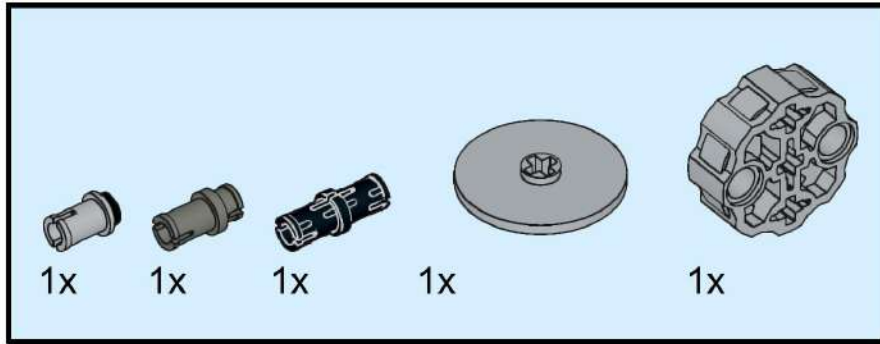
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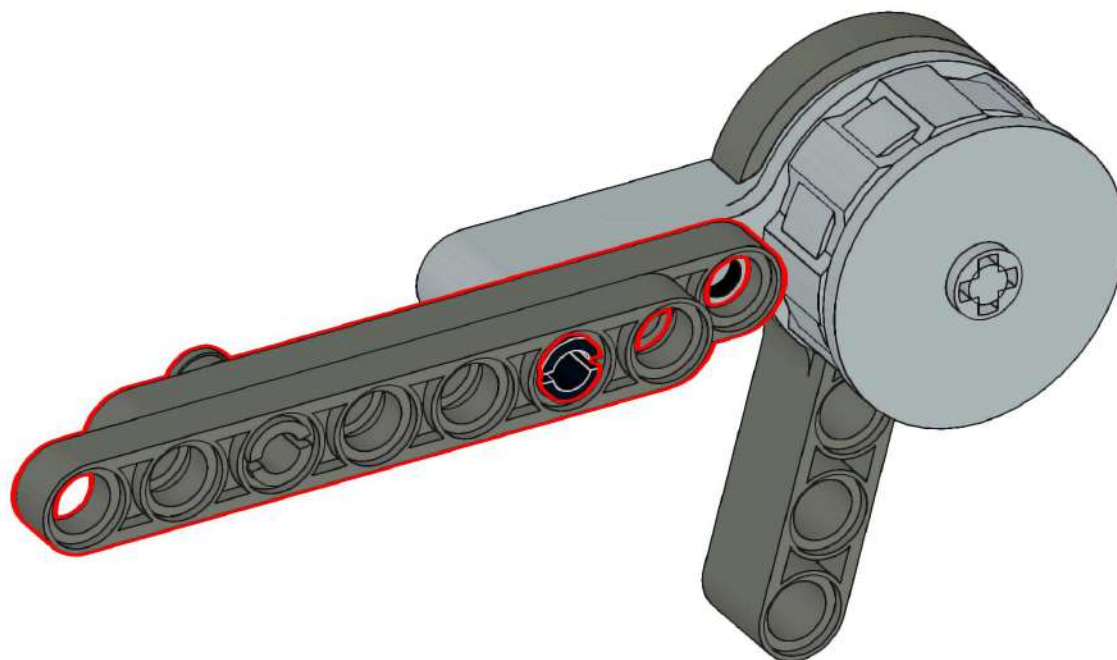
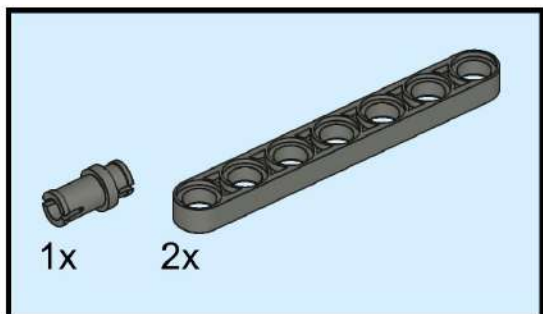
202



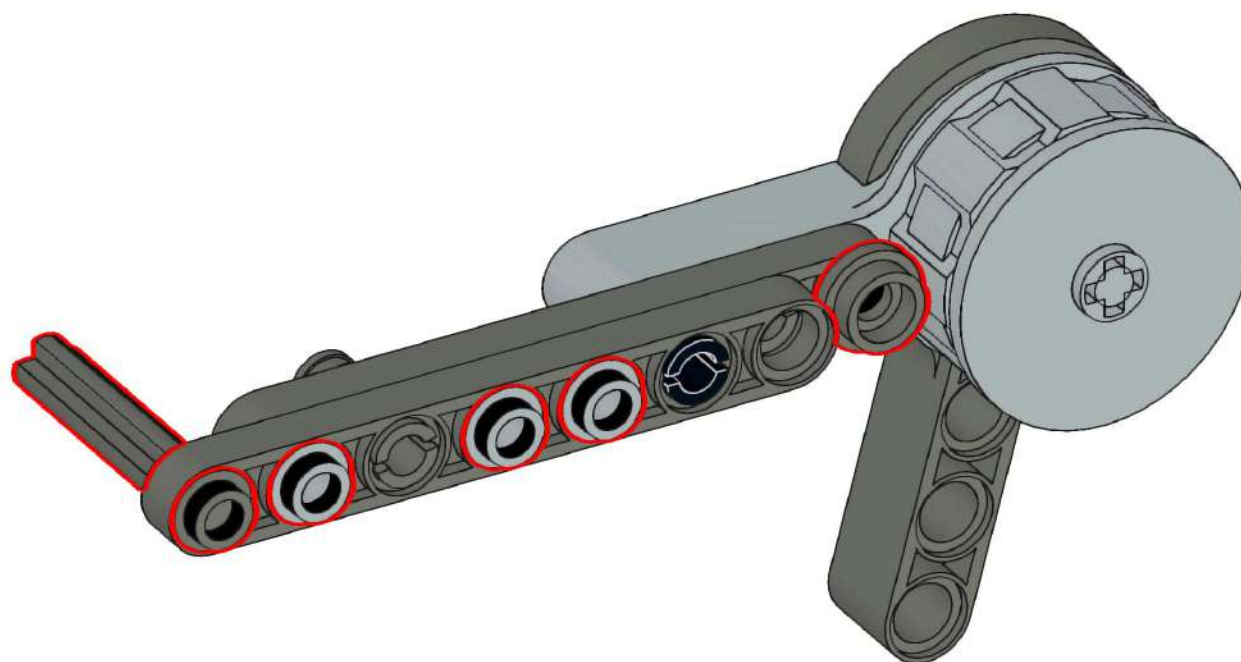
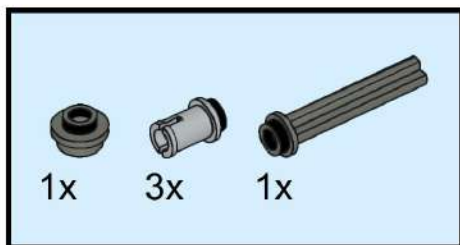
203



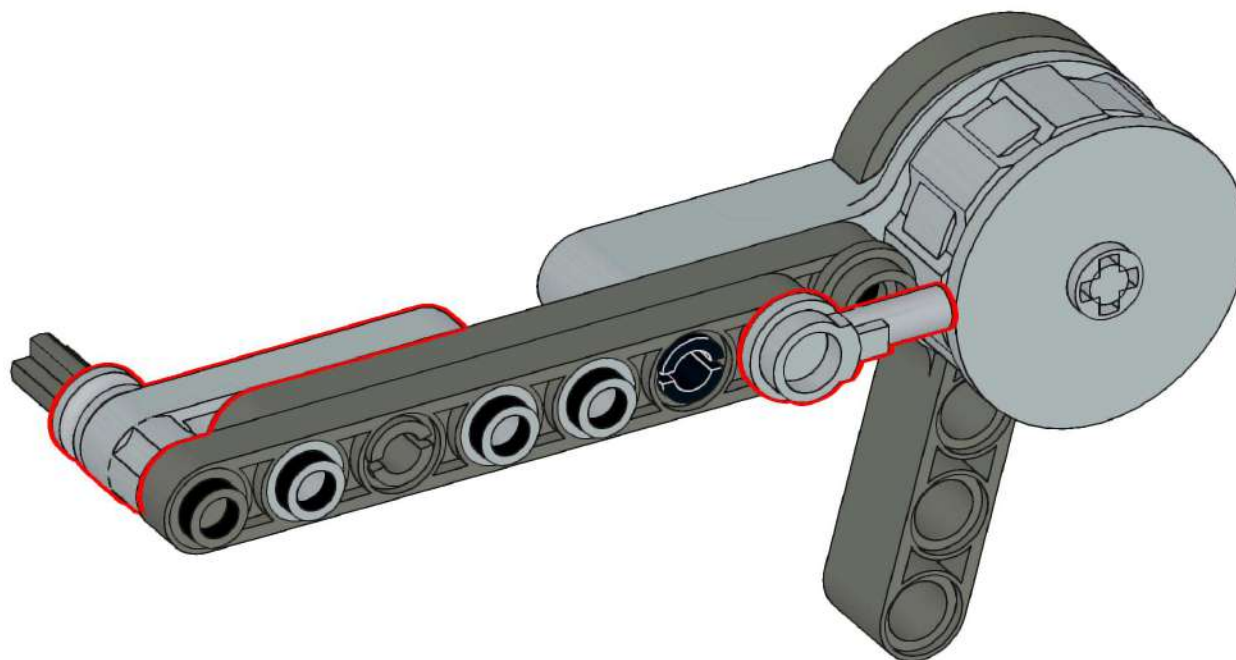
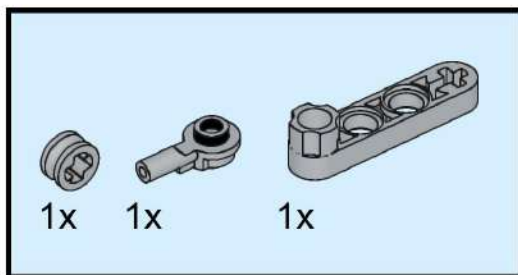
204



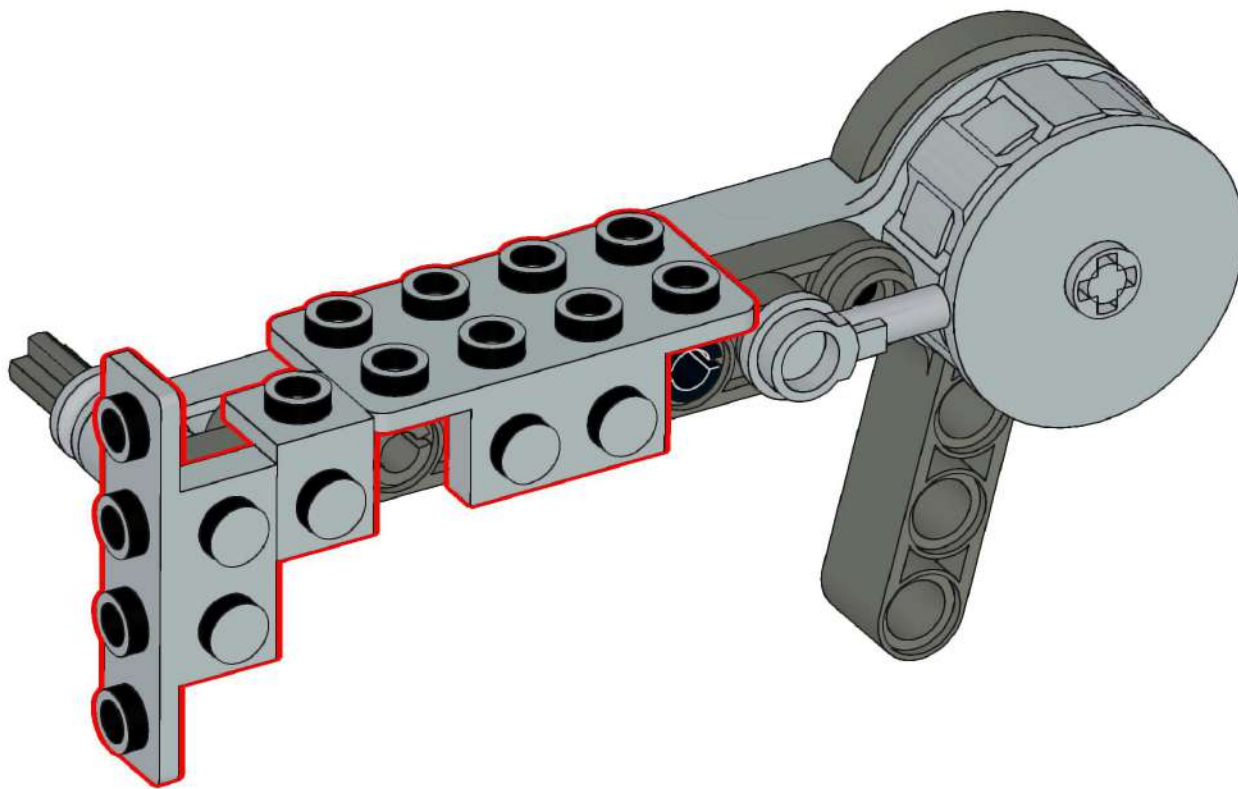
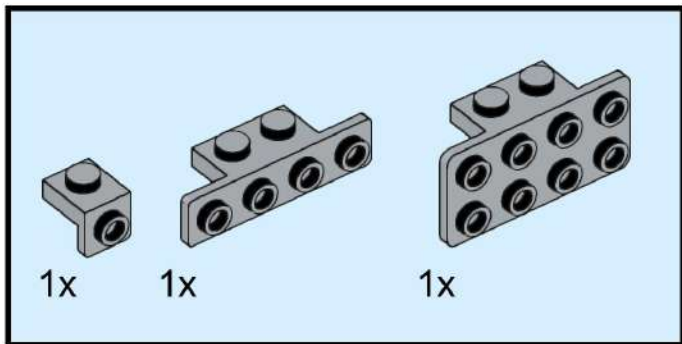
205



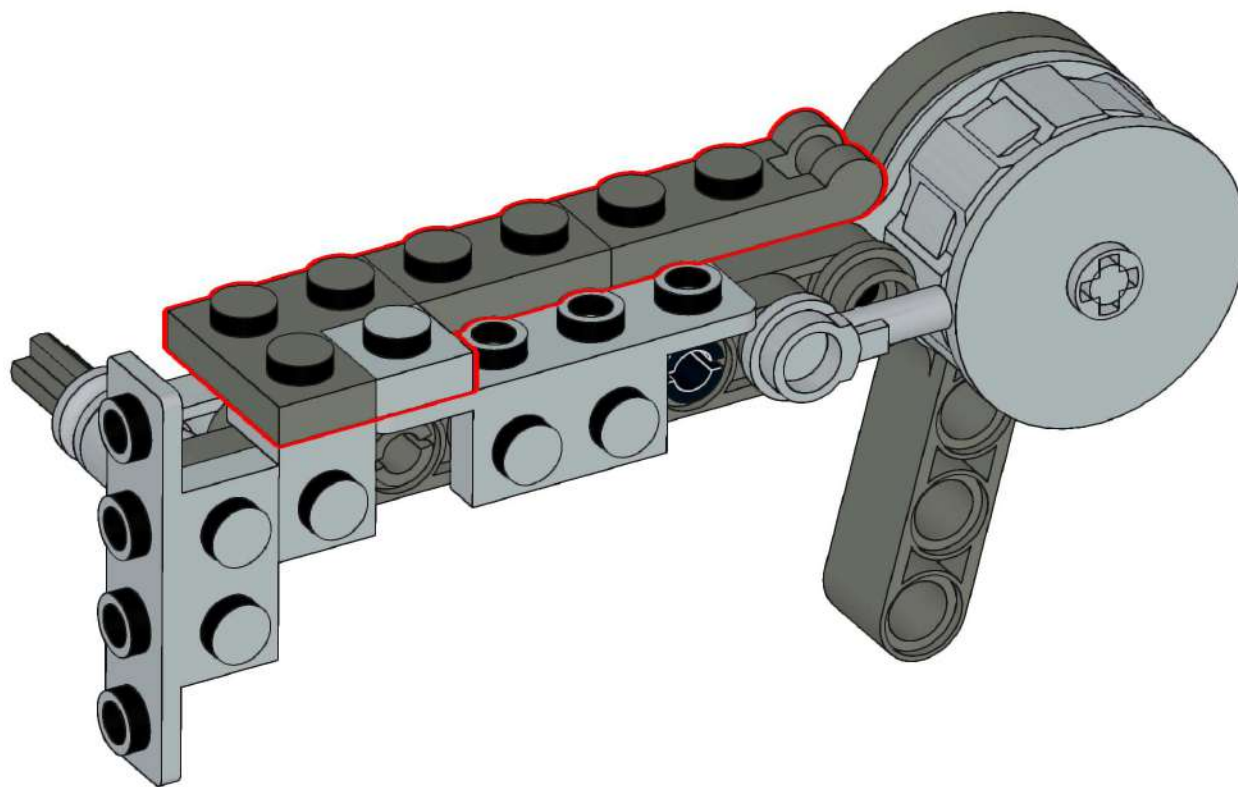
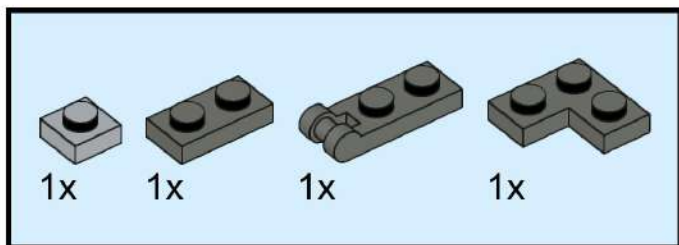
206



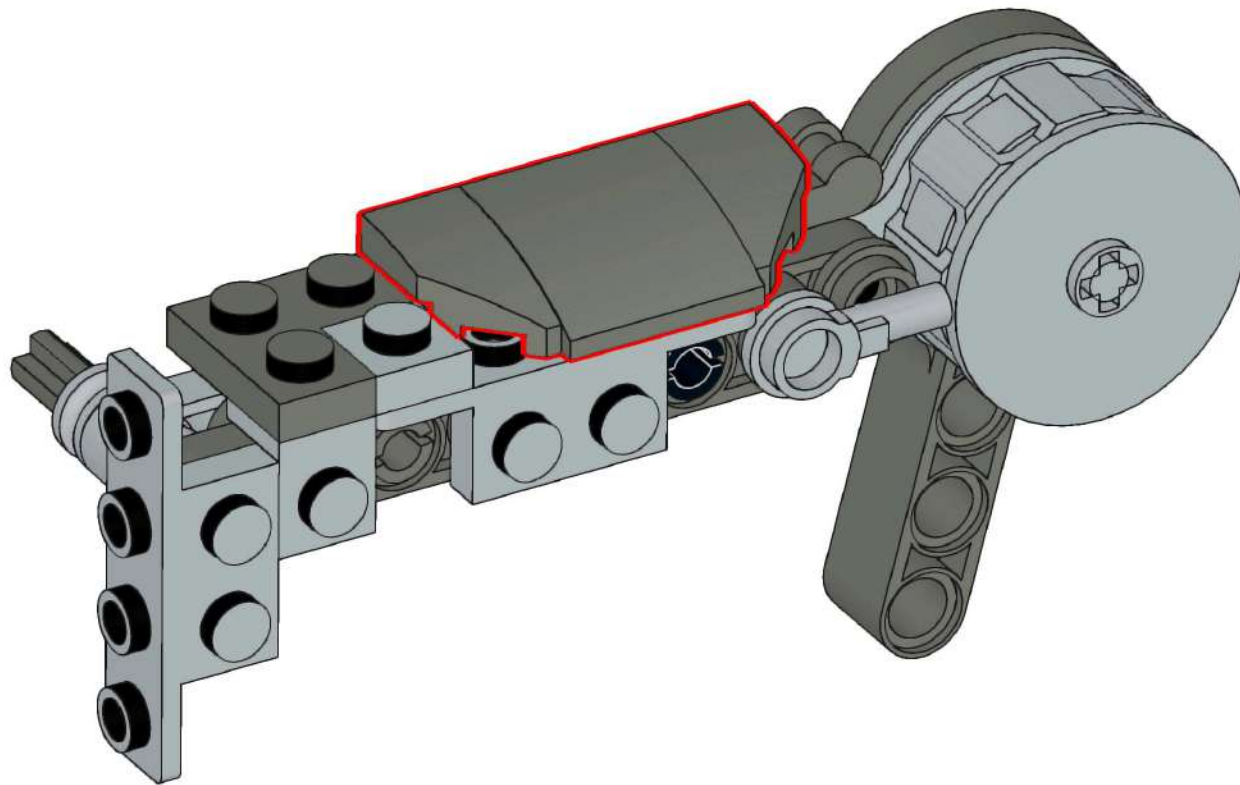
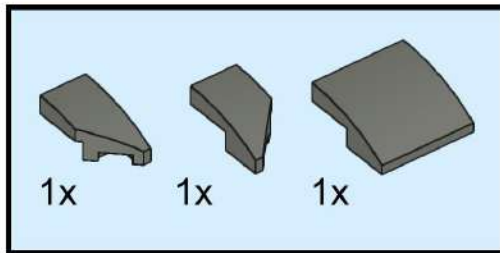
207



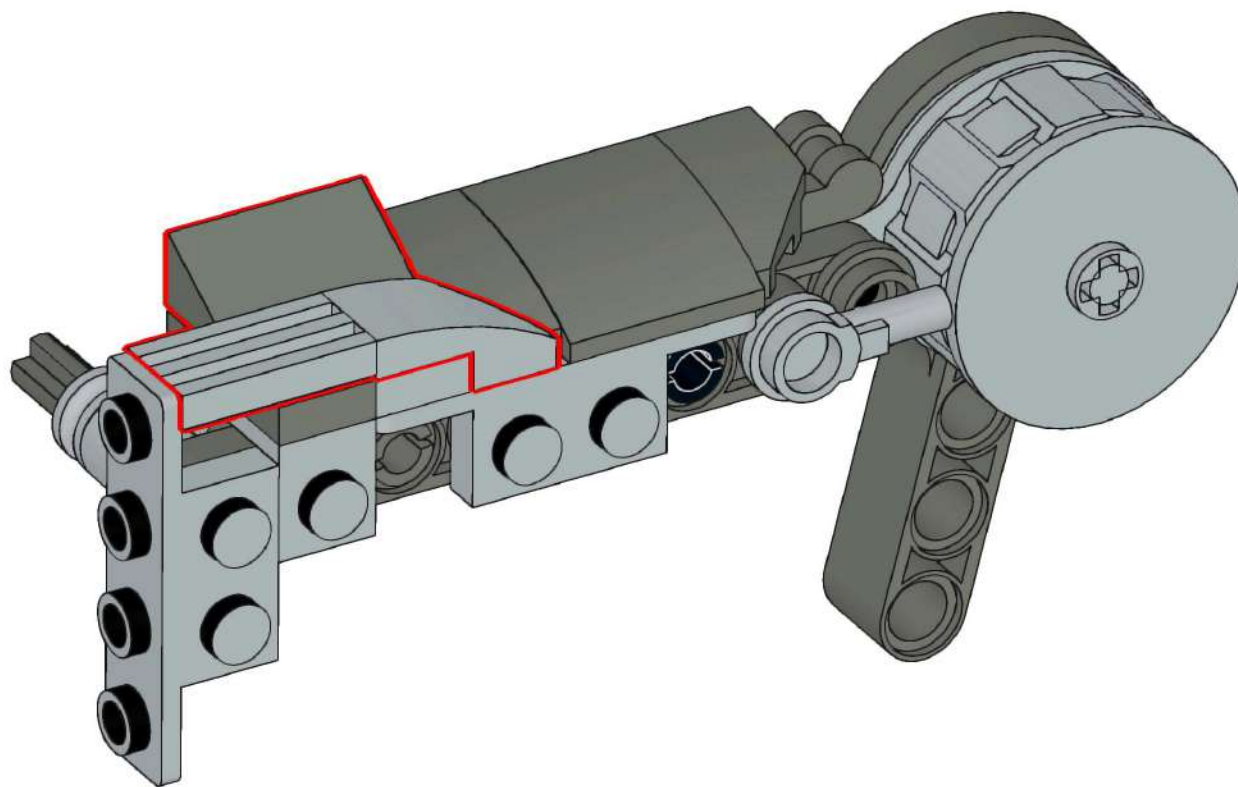
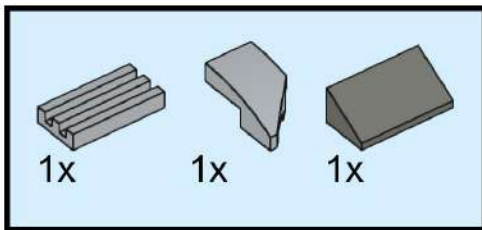
208



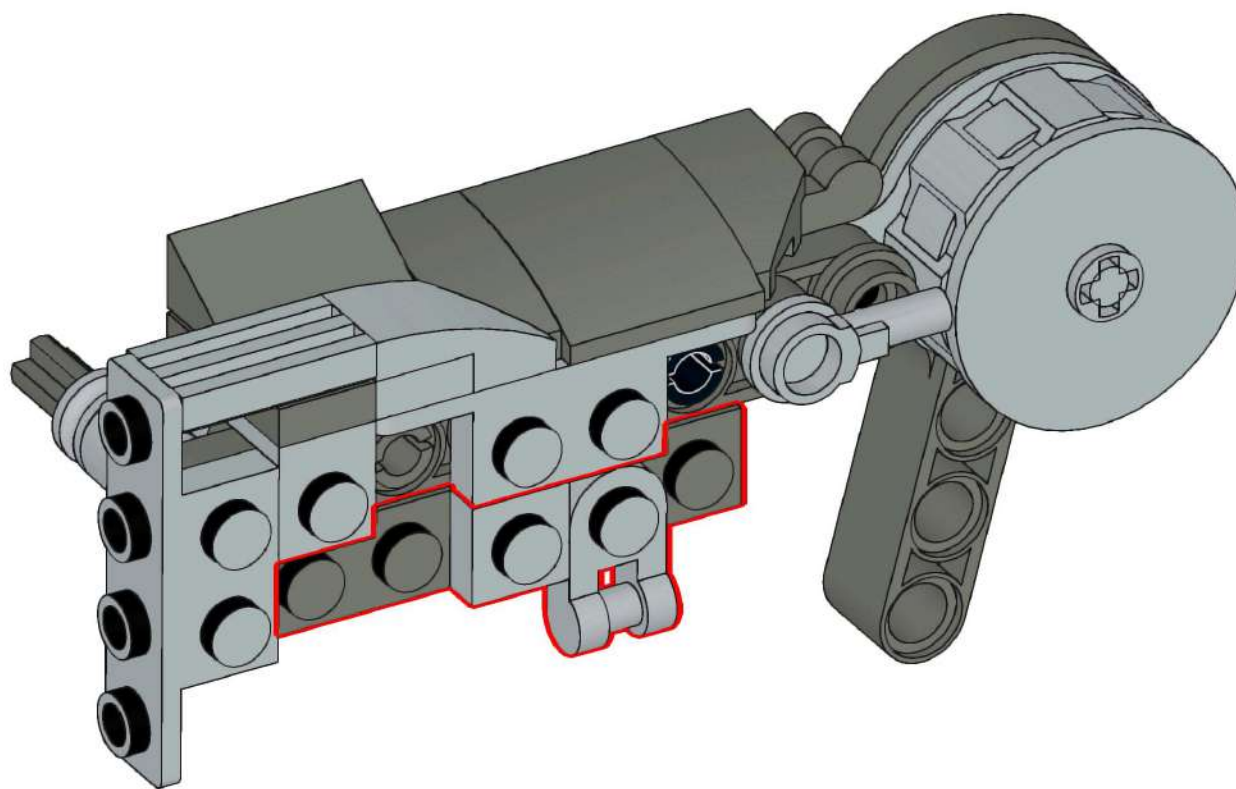
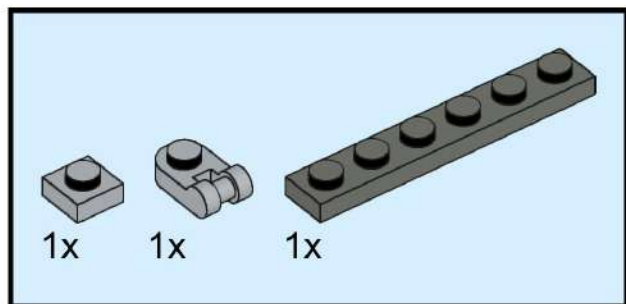
209



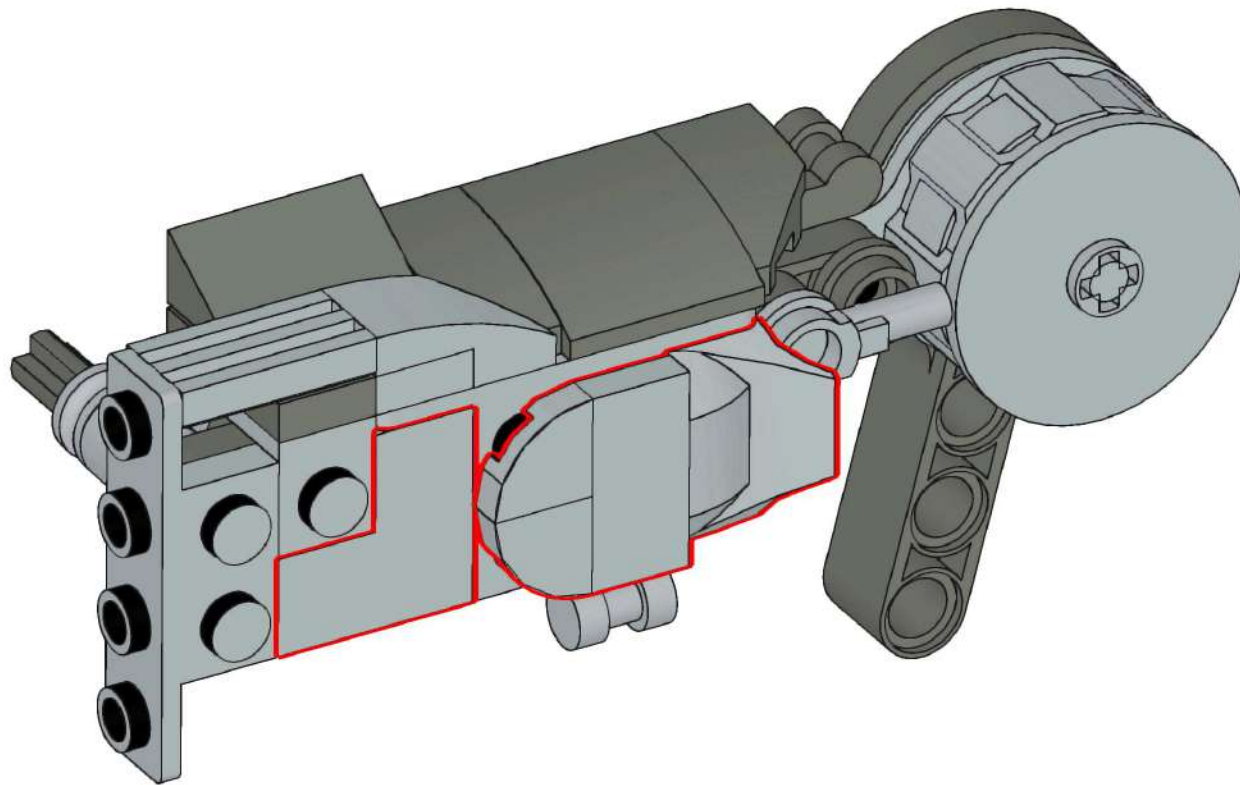
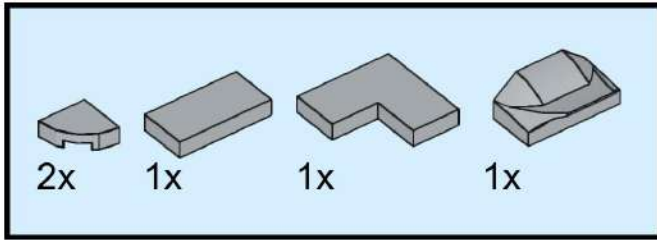
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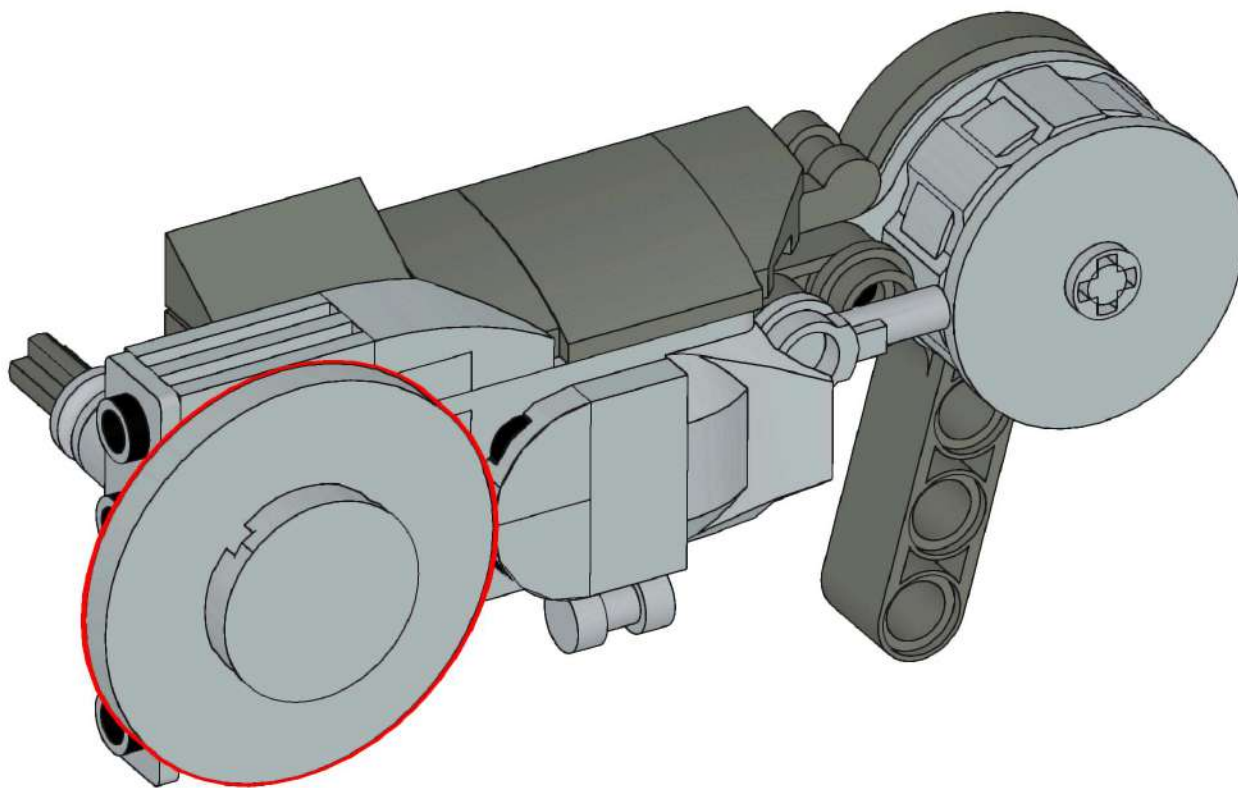
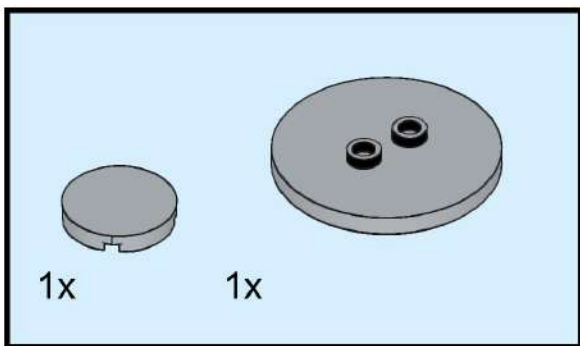
211



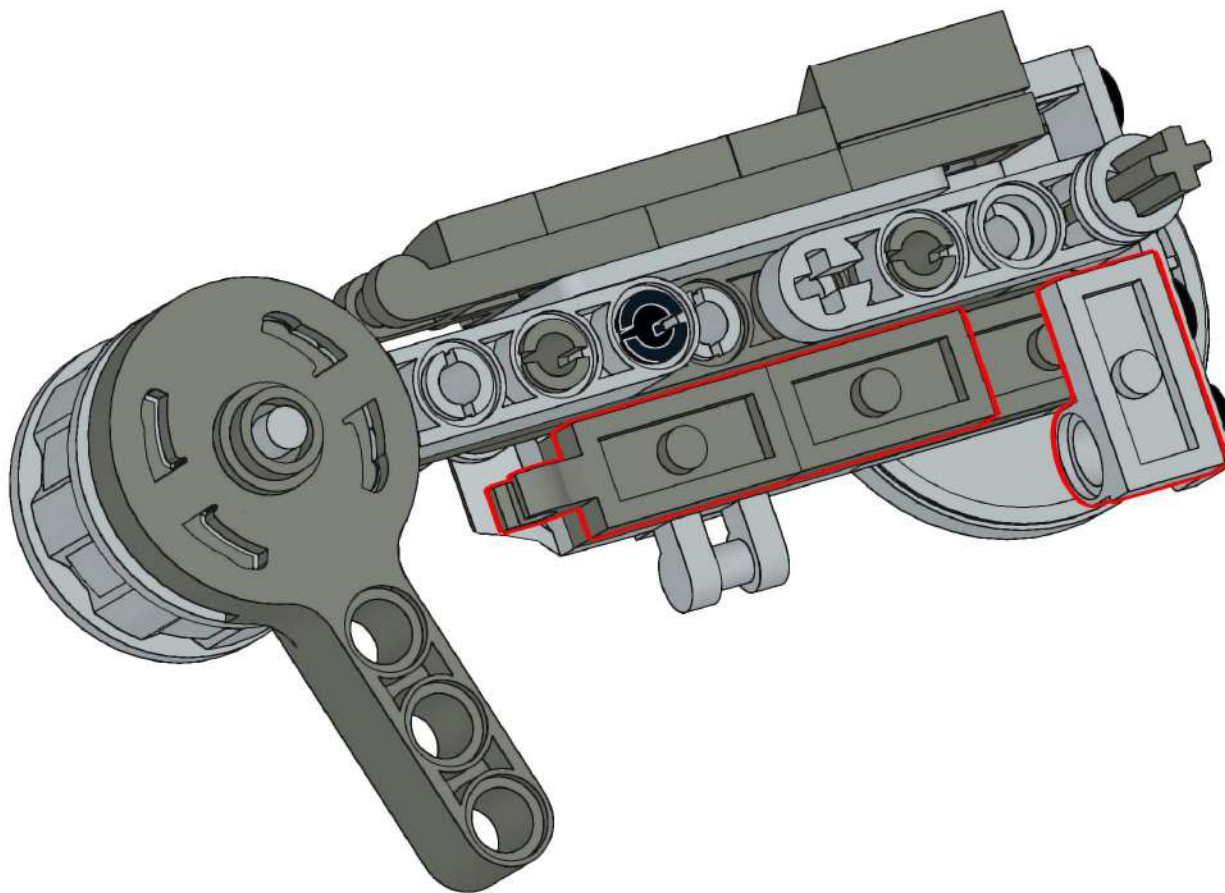
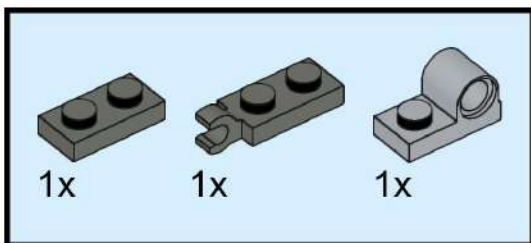
212



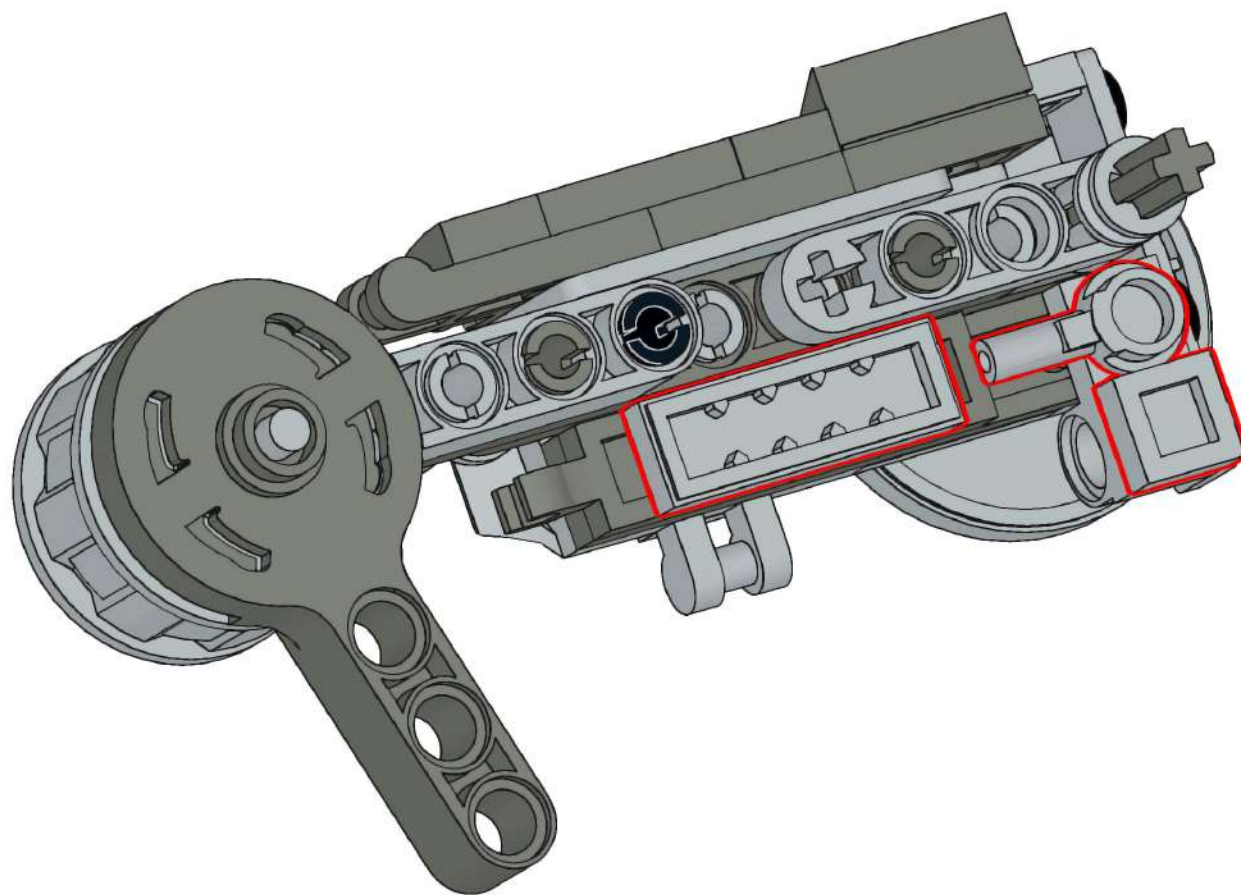
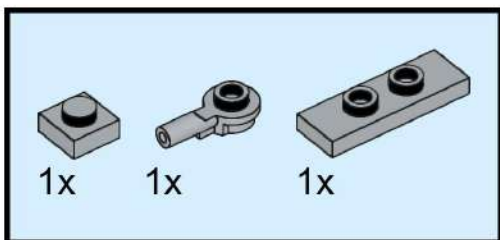
213



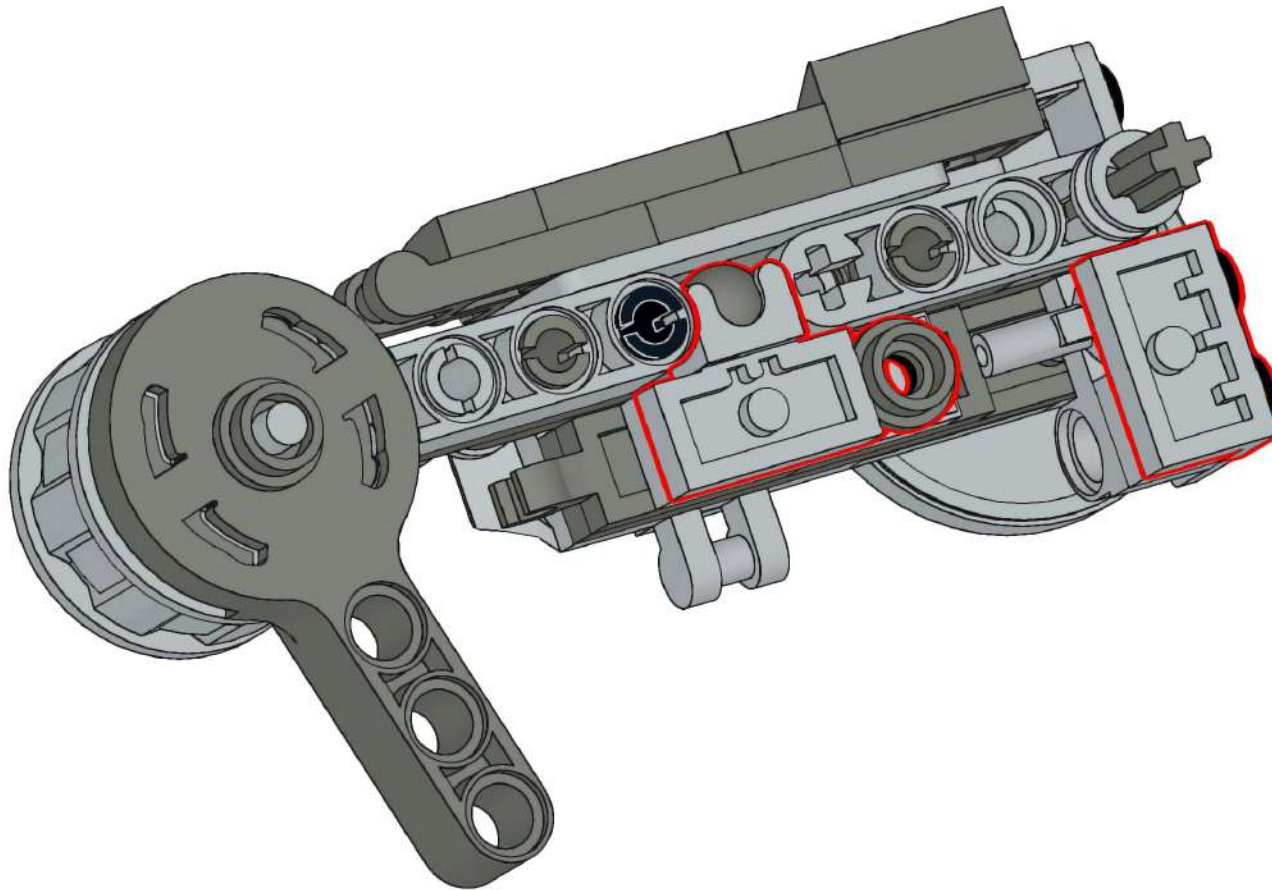
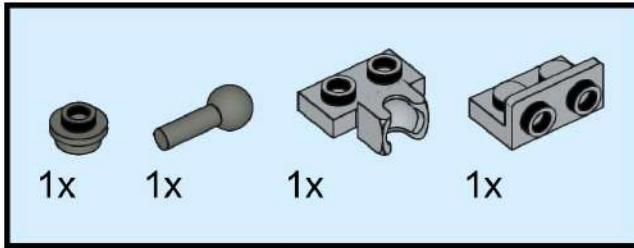
214



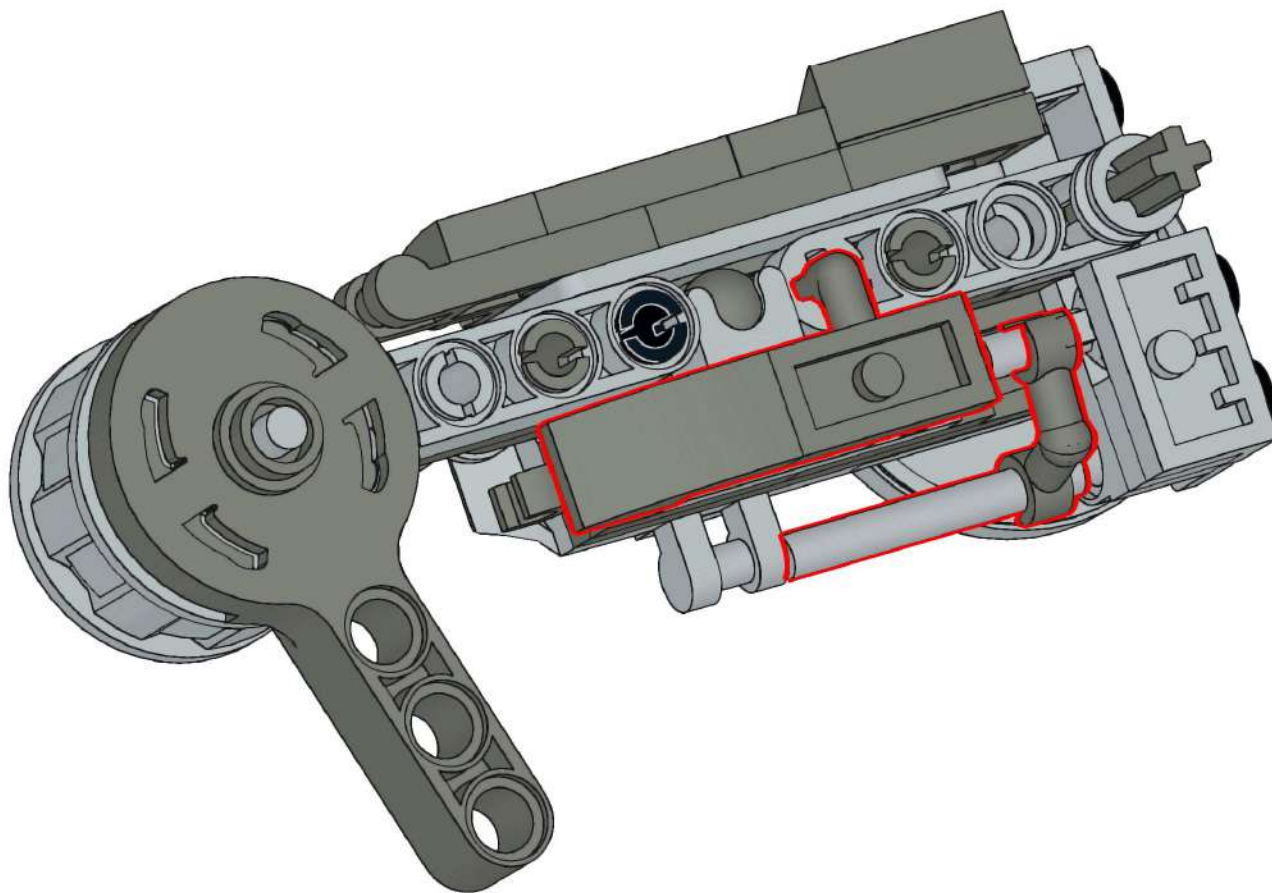
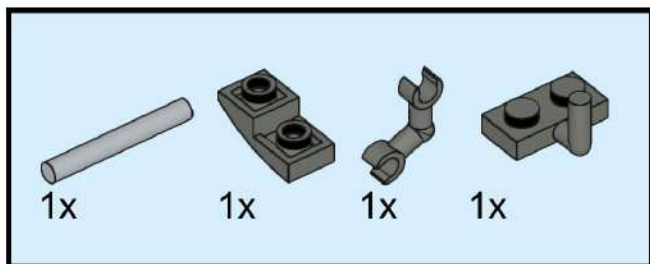
215



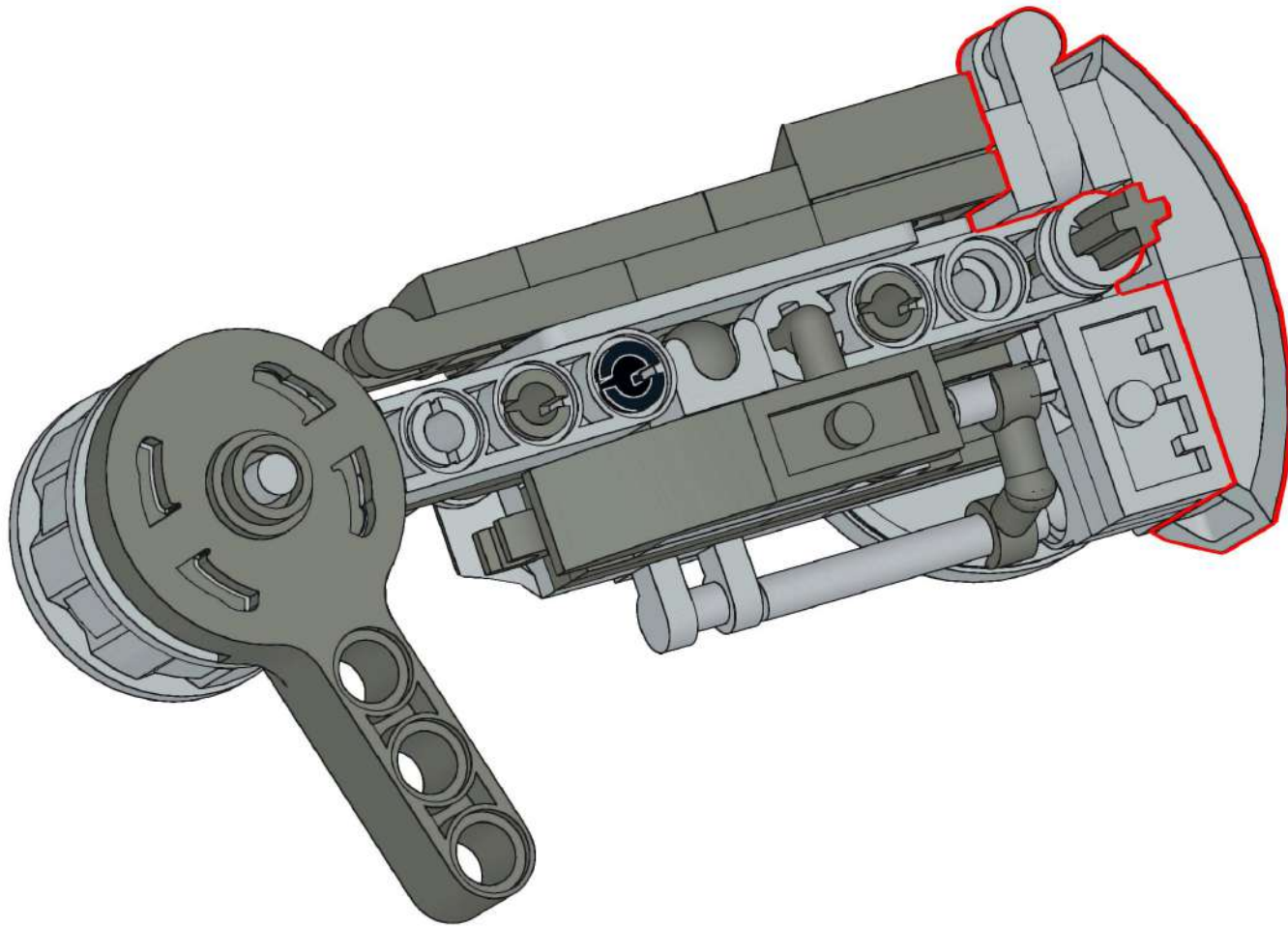
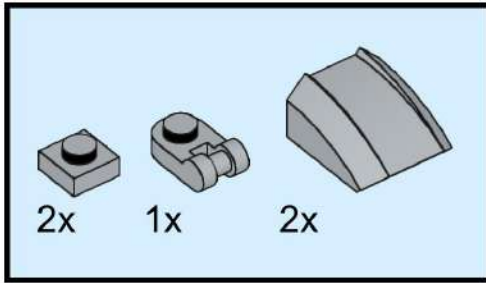
216



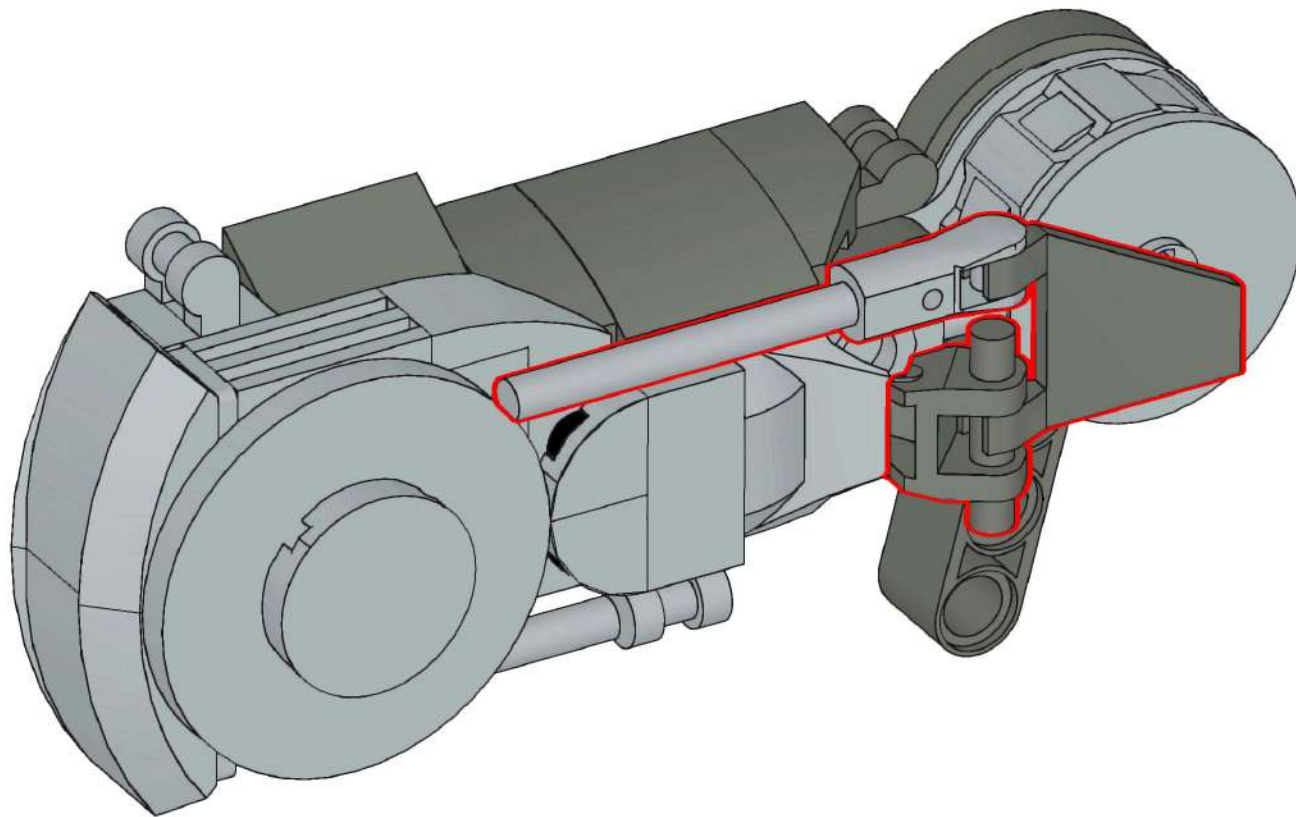
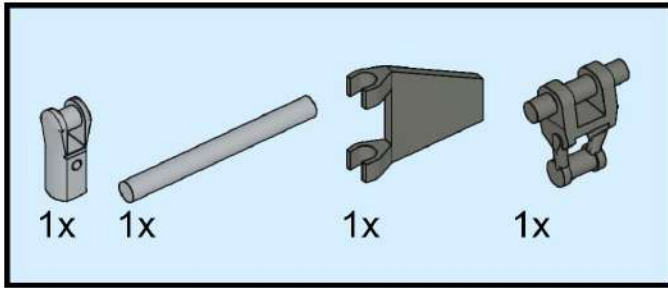
217



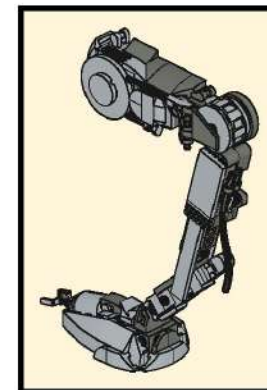
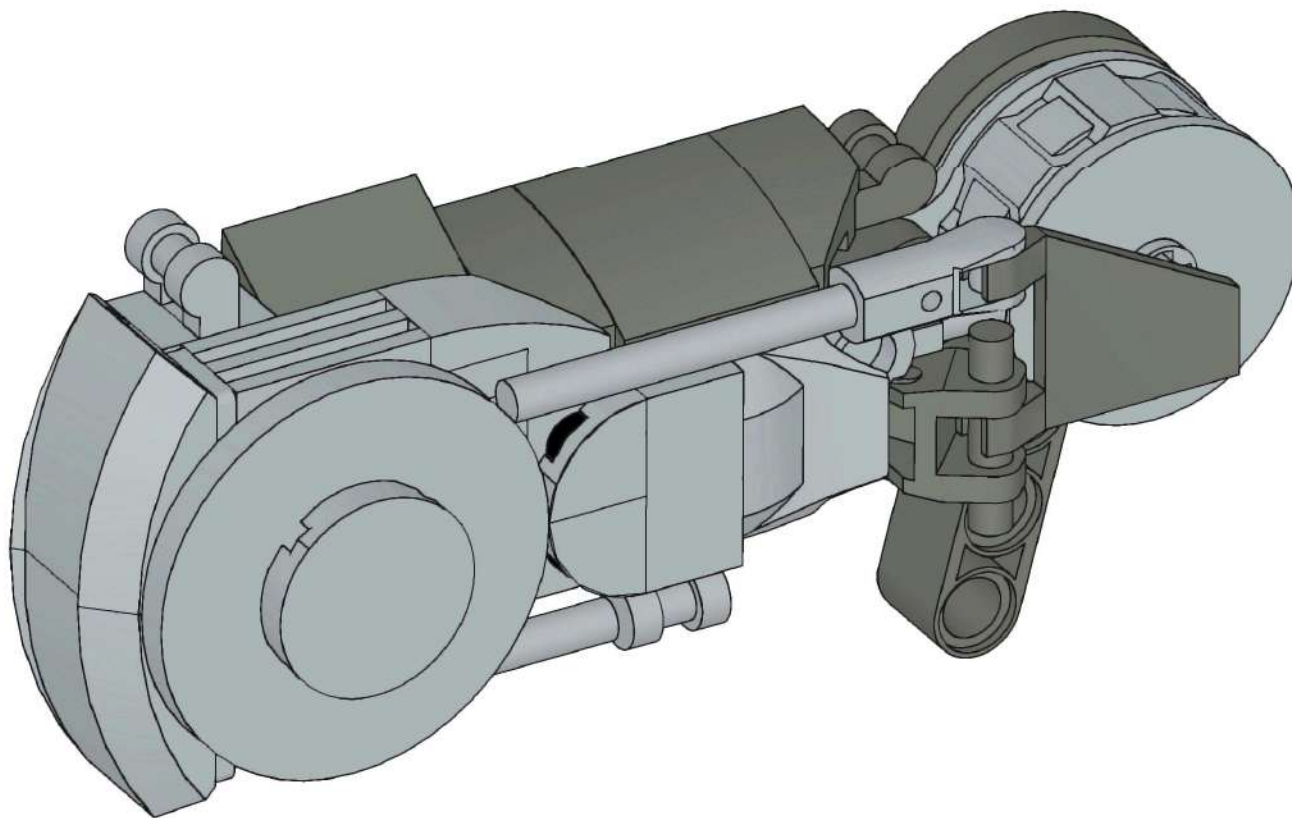
218



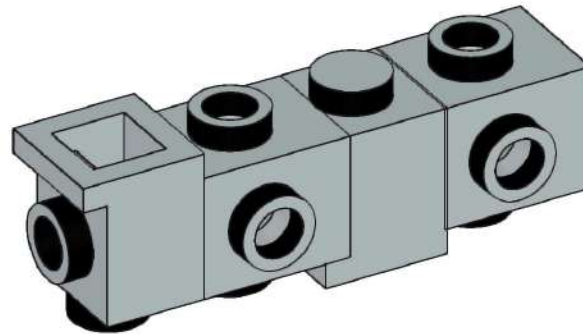
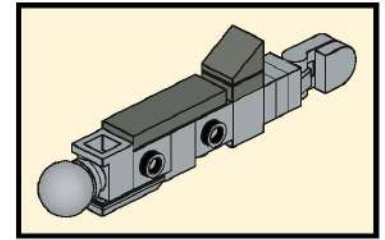
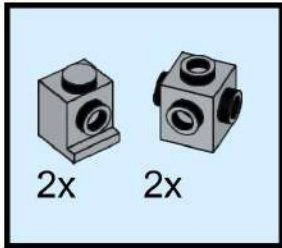
219



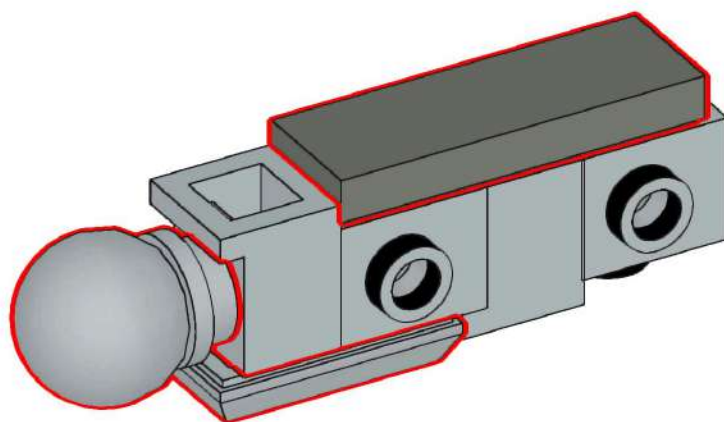
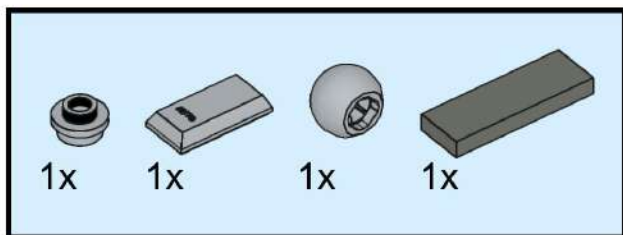
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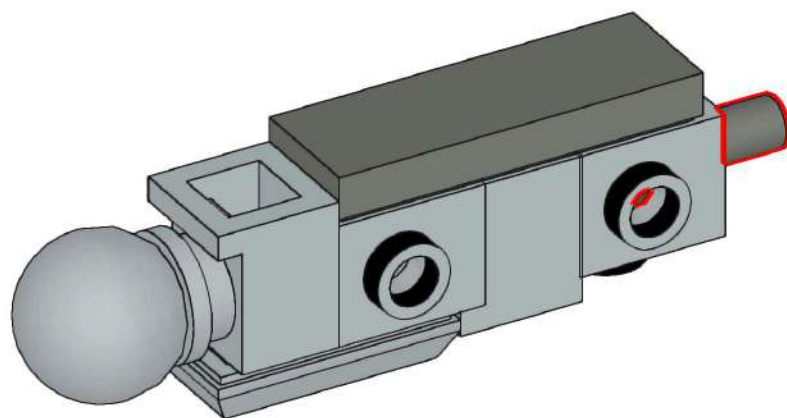
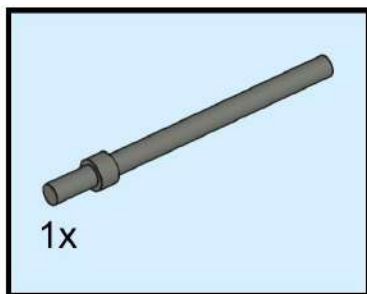
221



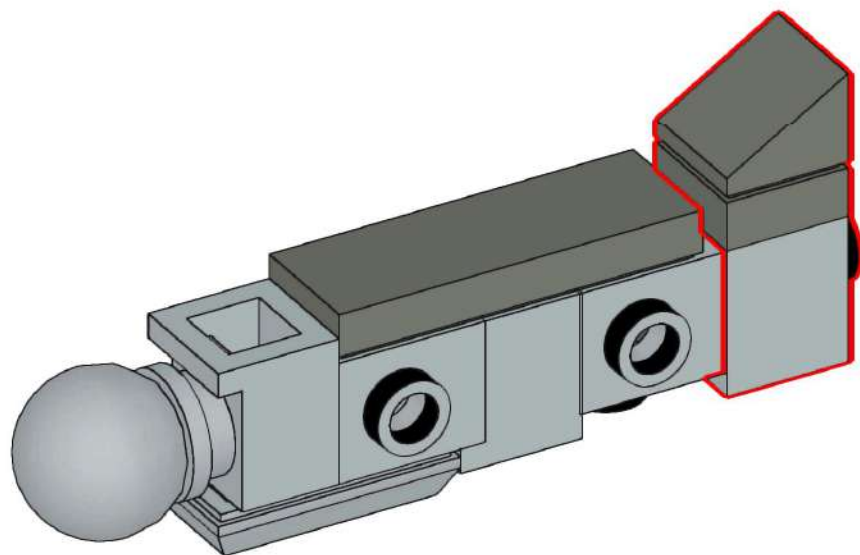
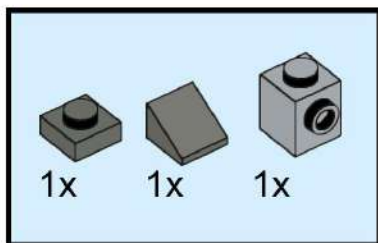
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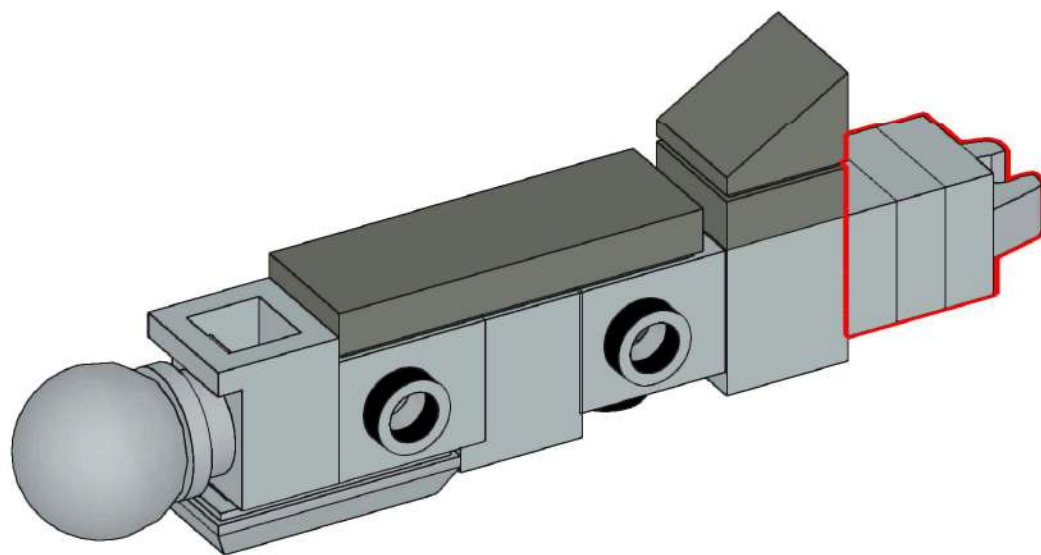
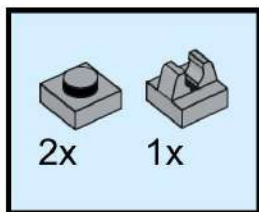
223



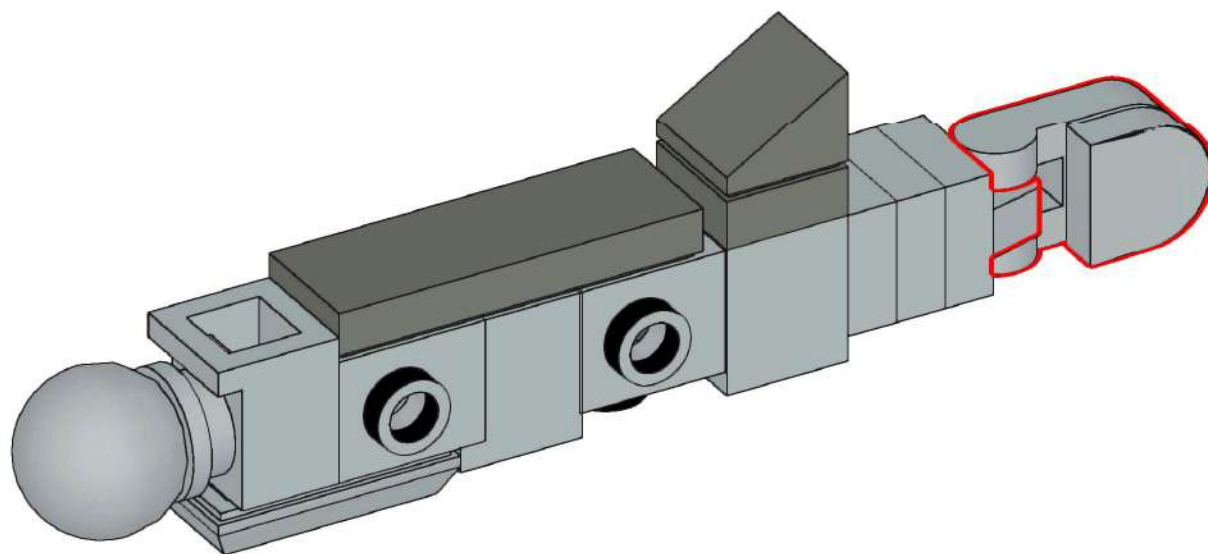
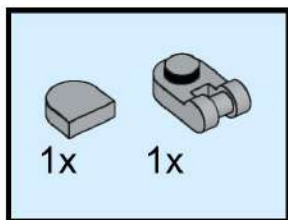
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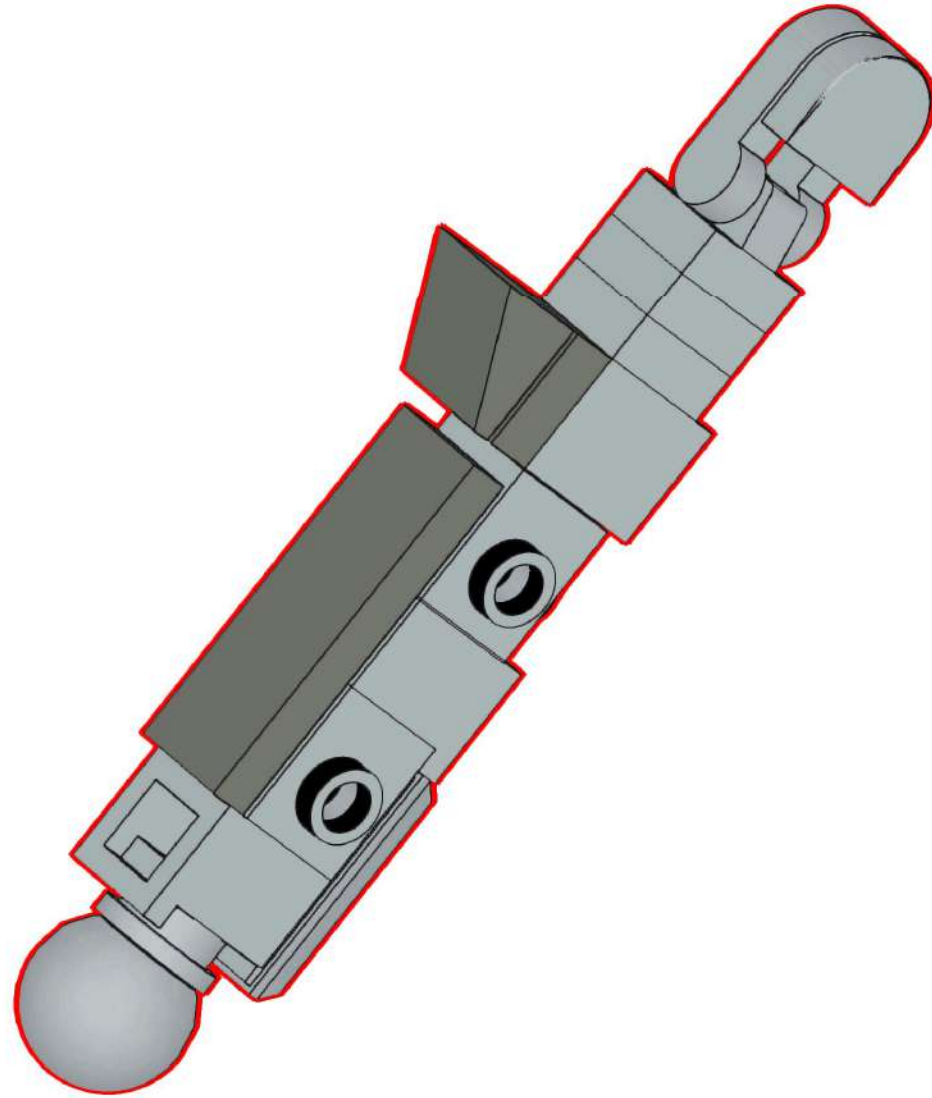
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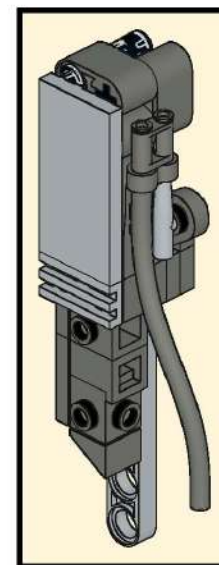
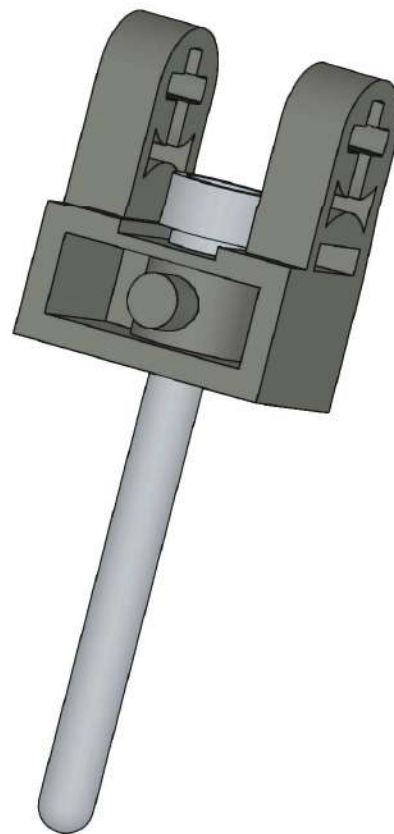
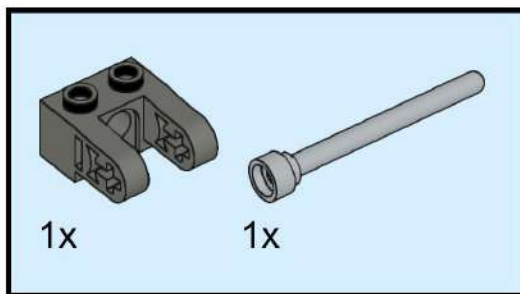
226



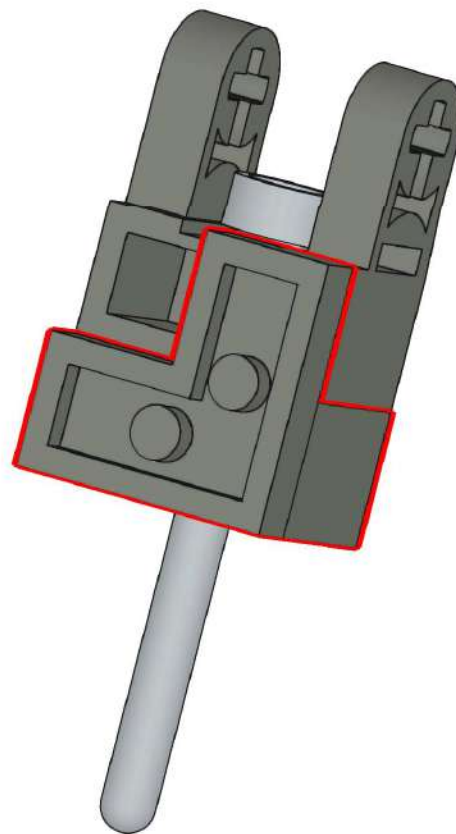
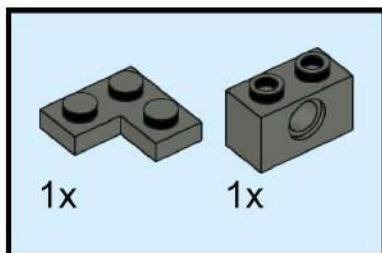
227



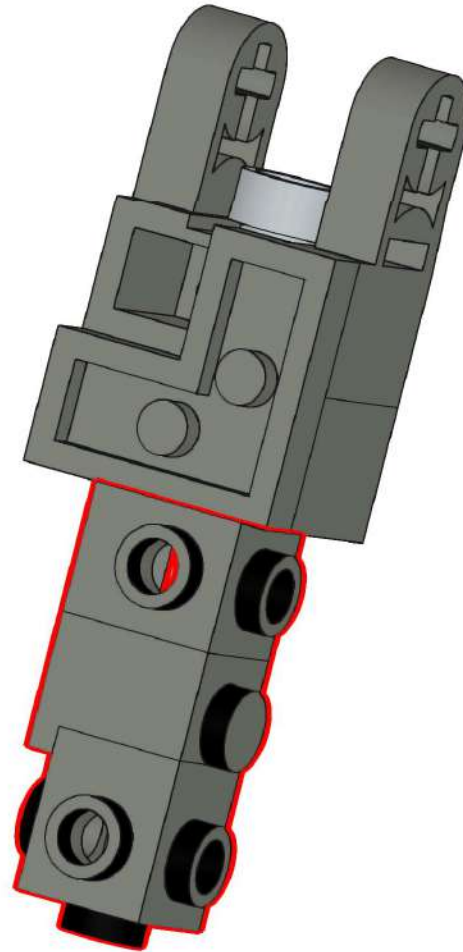
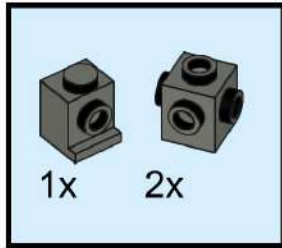
228



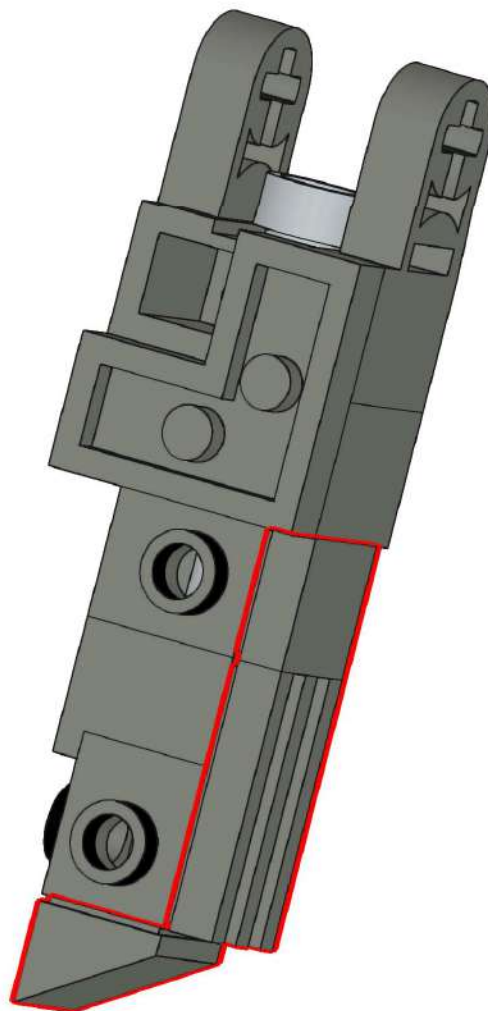
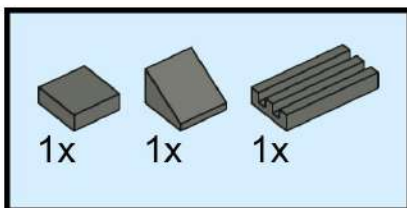
229



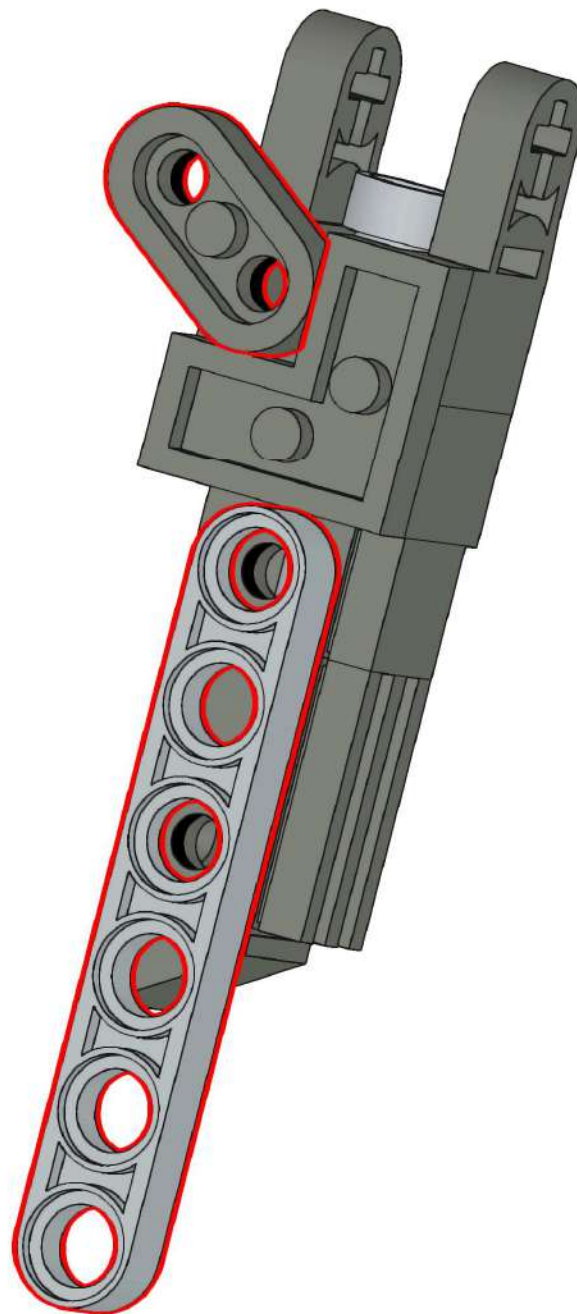
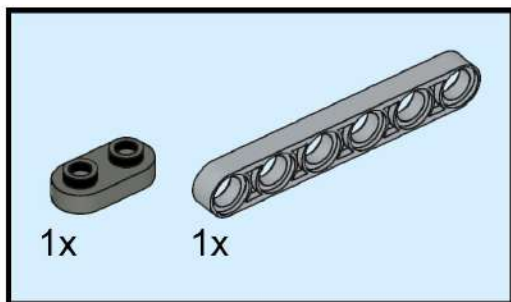
230



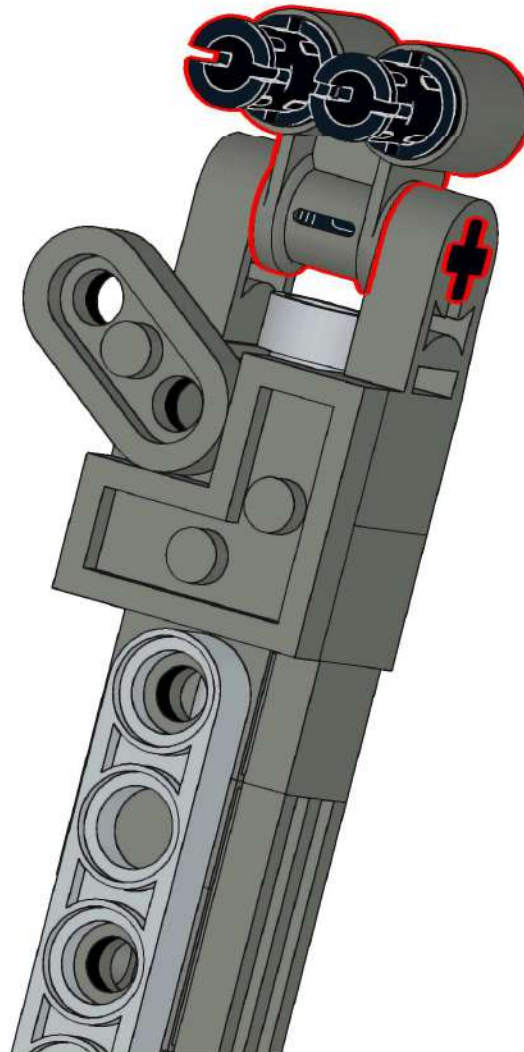
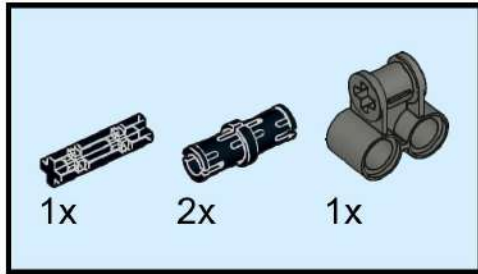
231



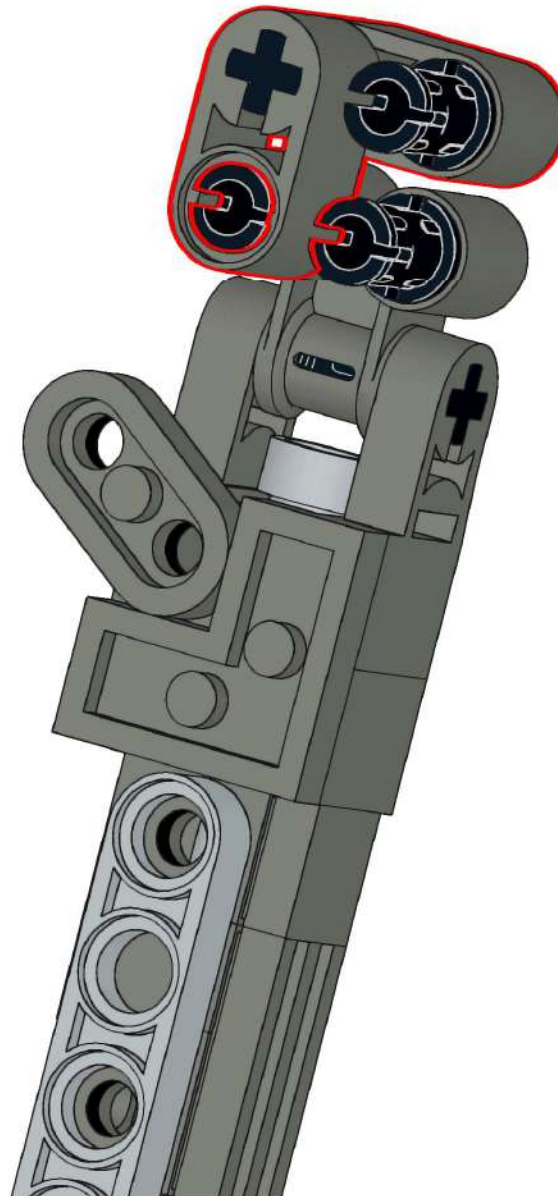
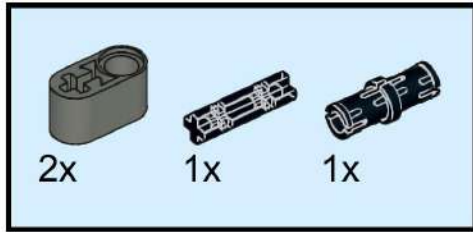
232



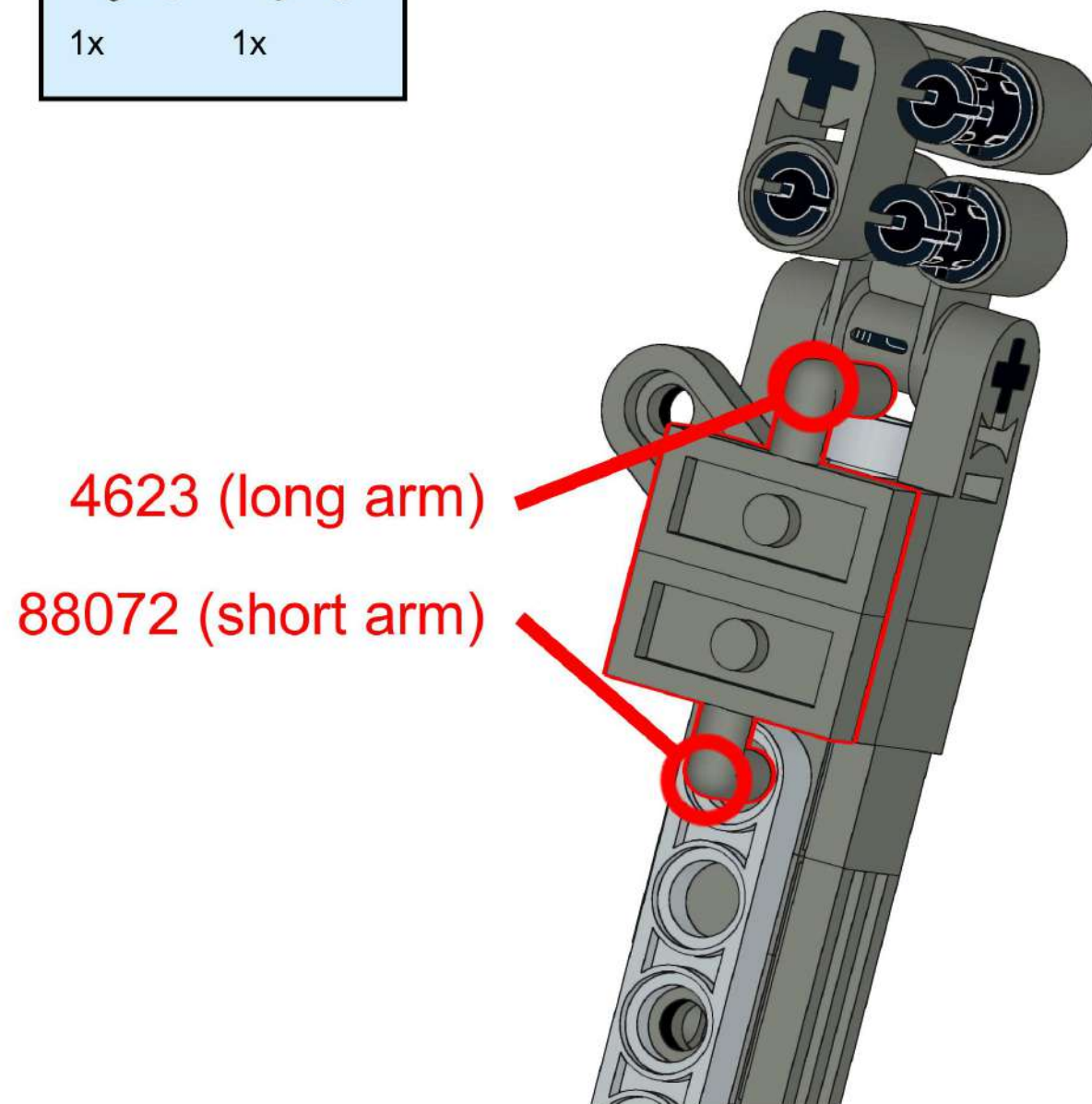
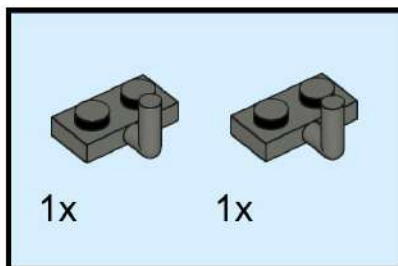
233



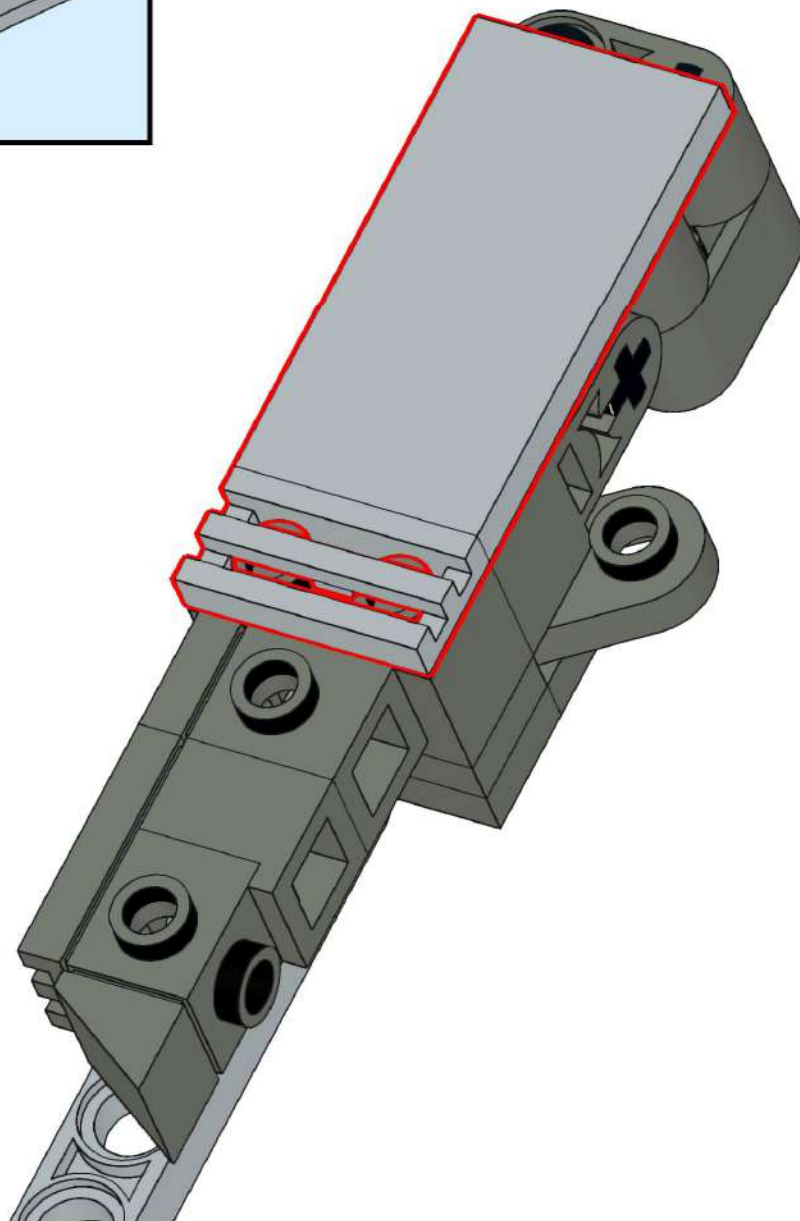
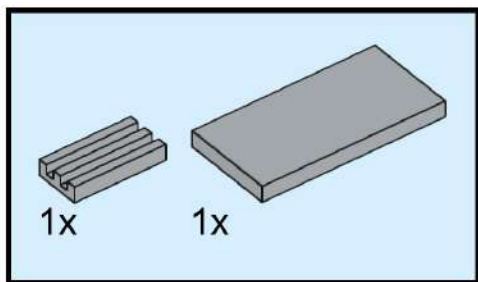
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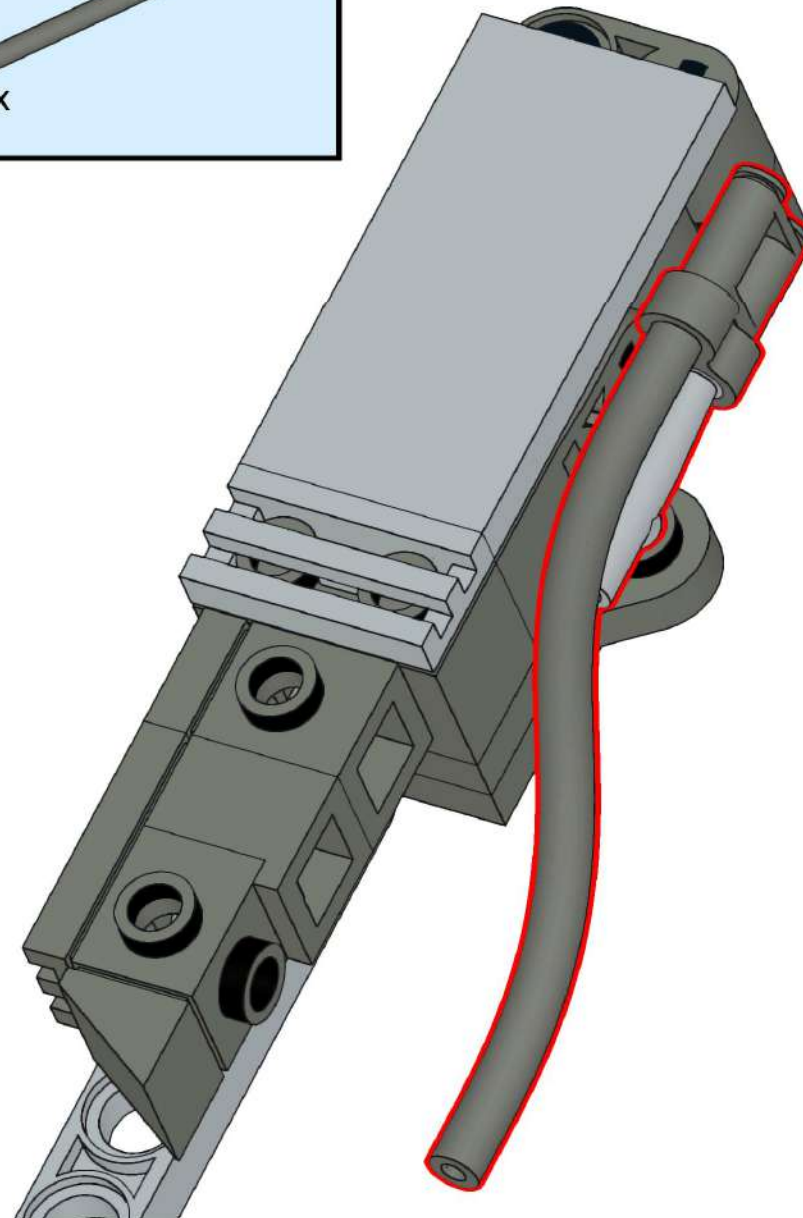
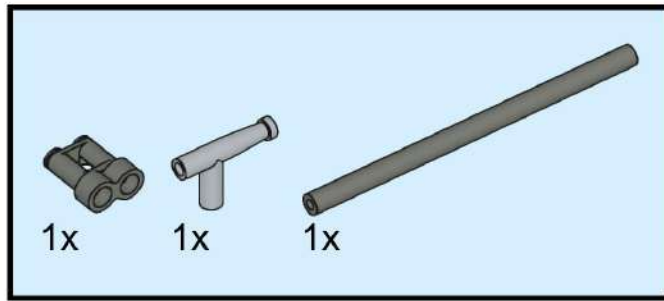
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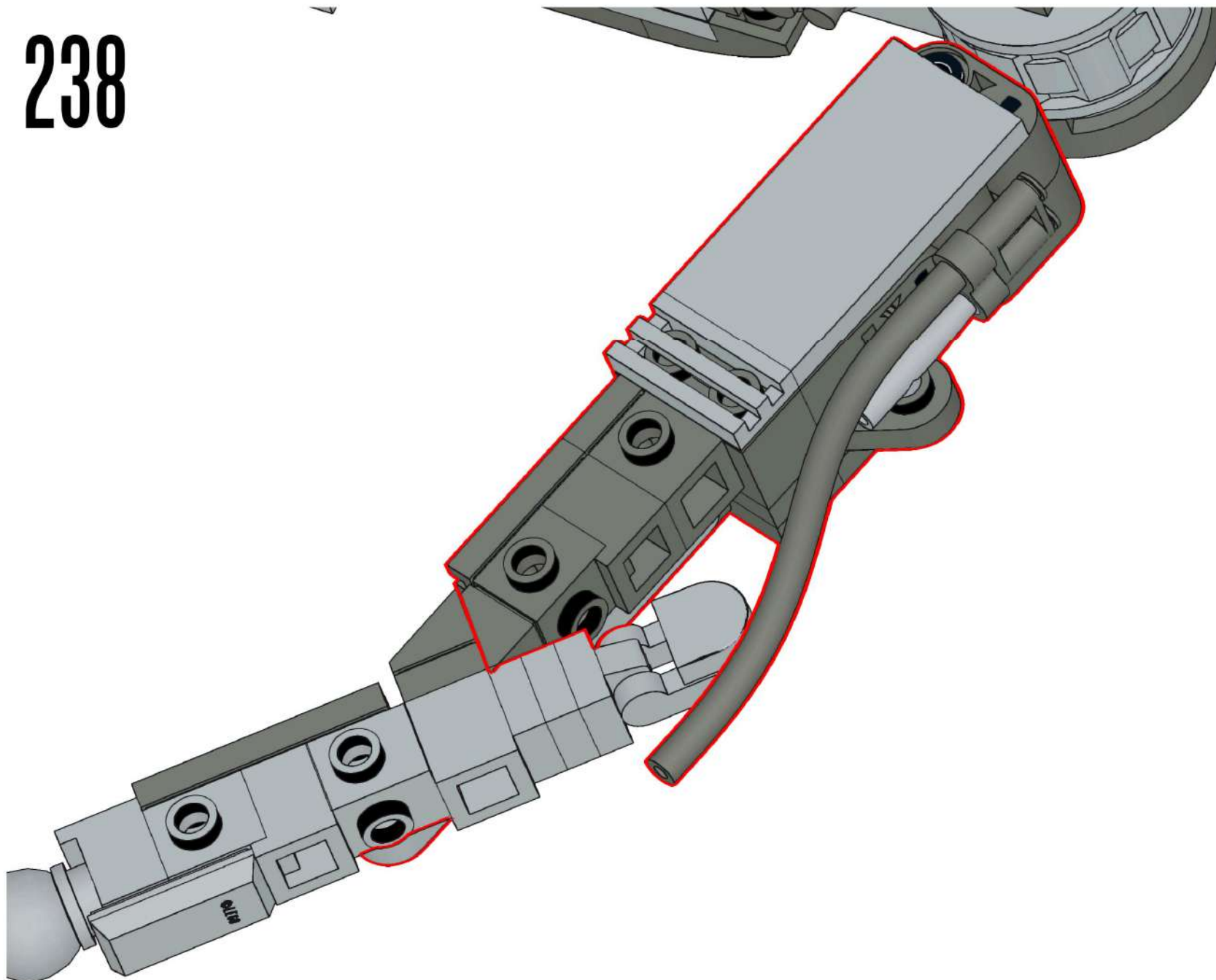
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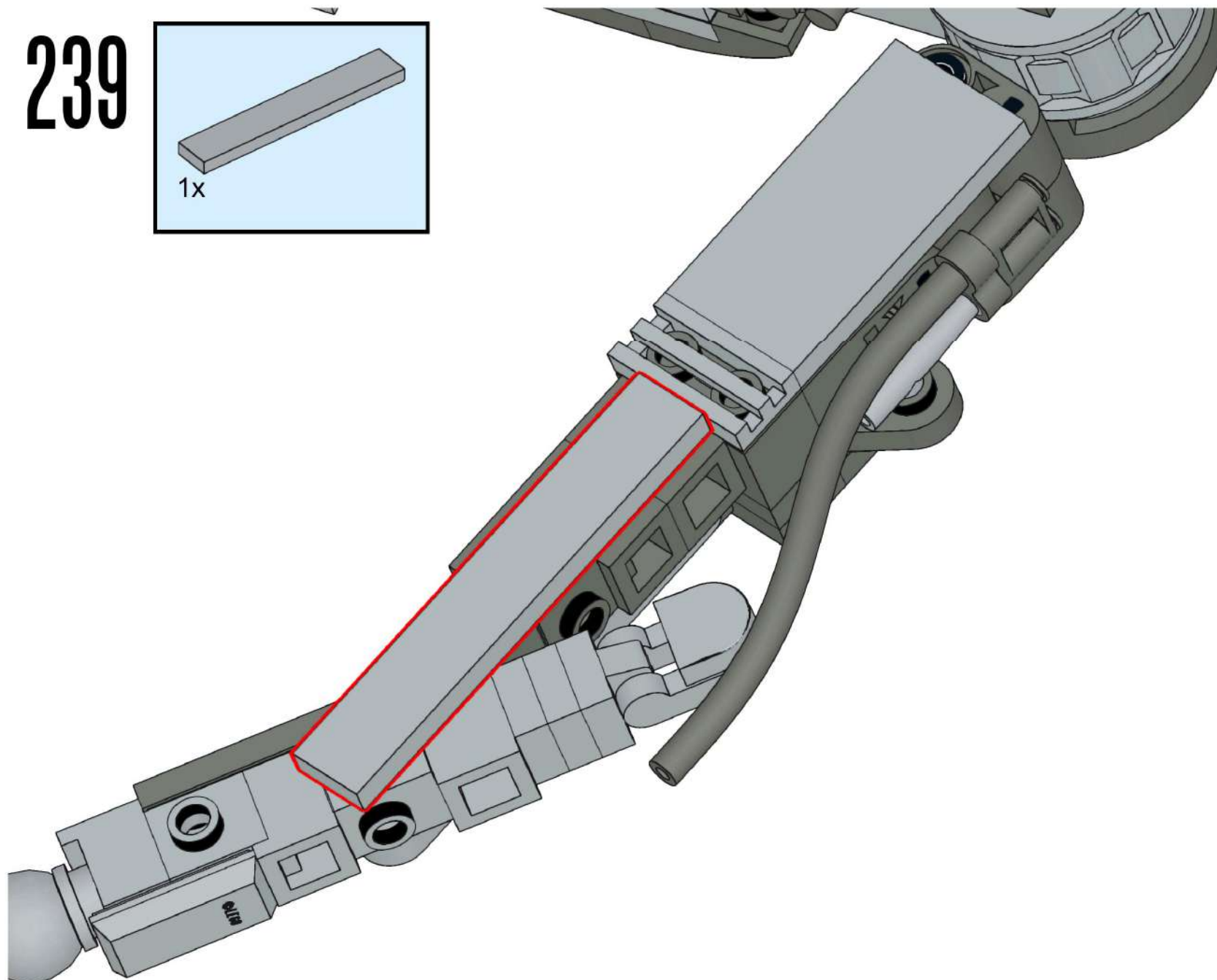
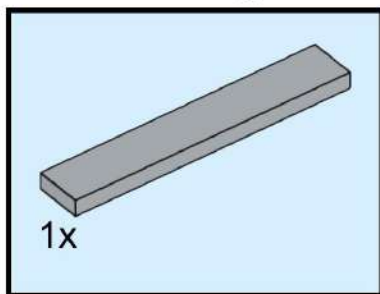
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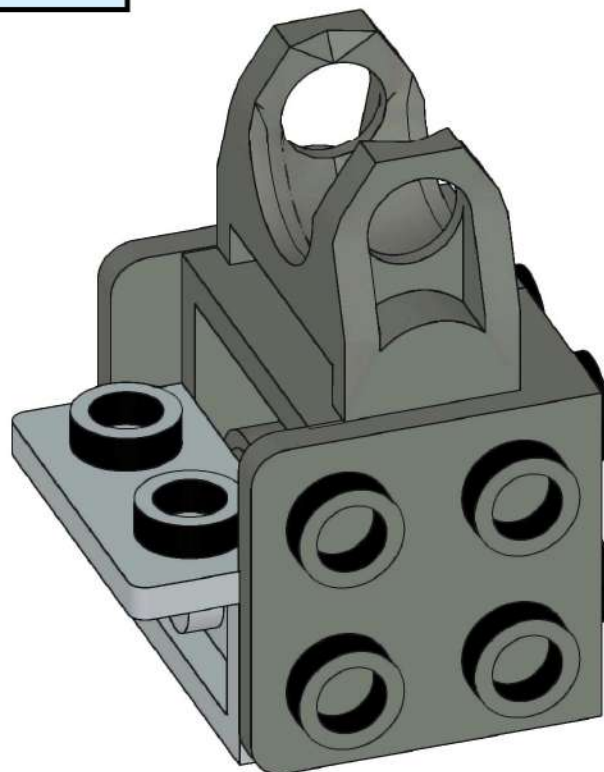
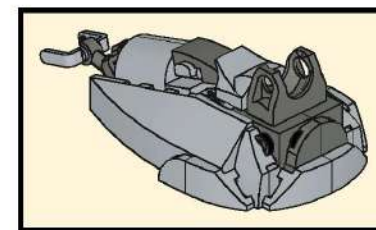
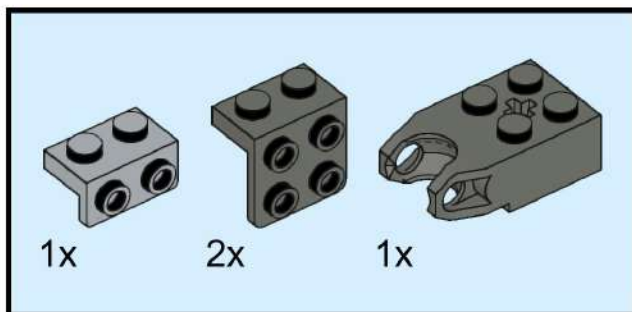
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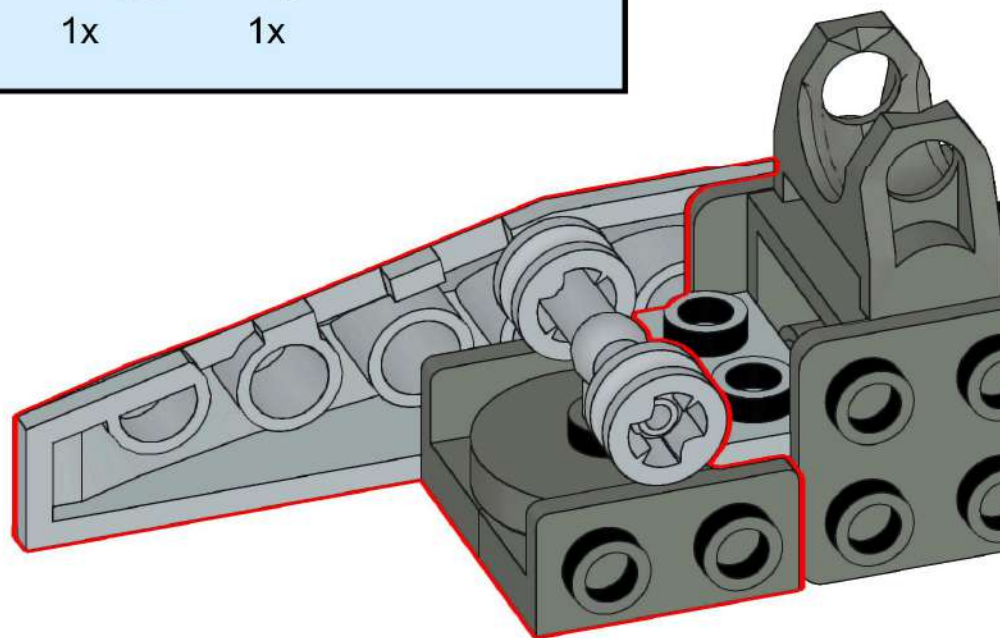
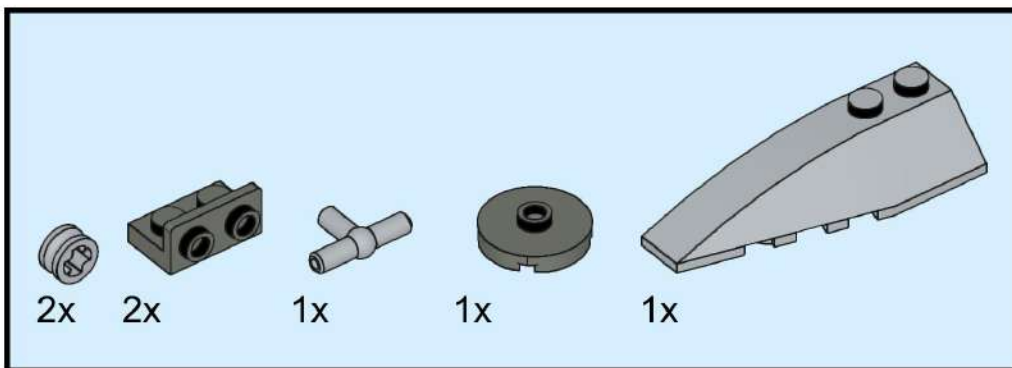
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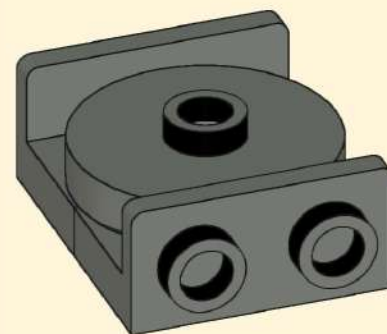
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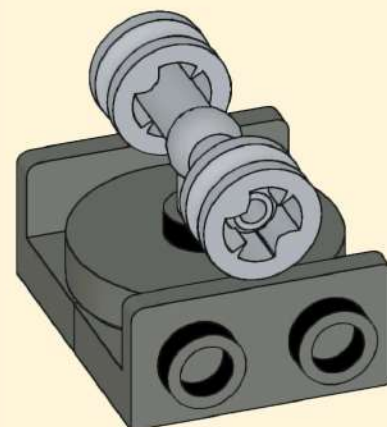
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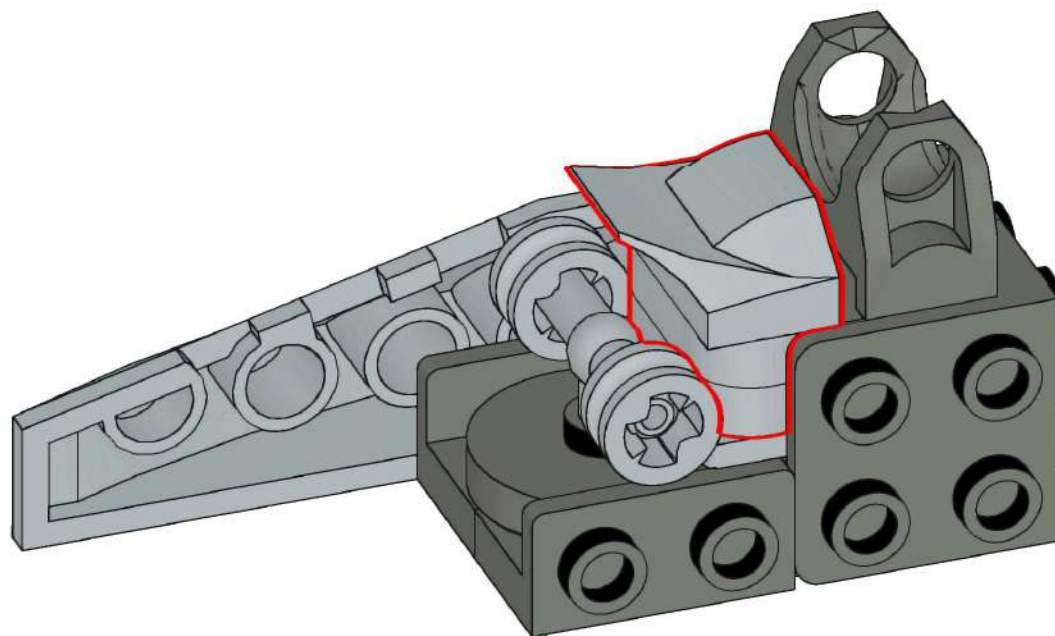
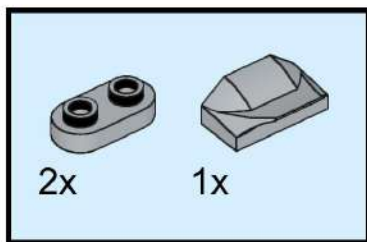
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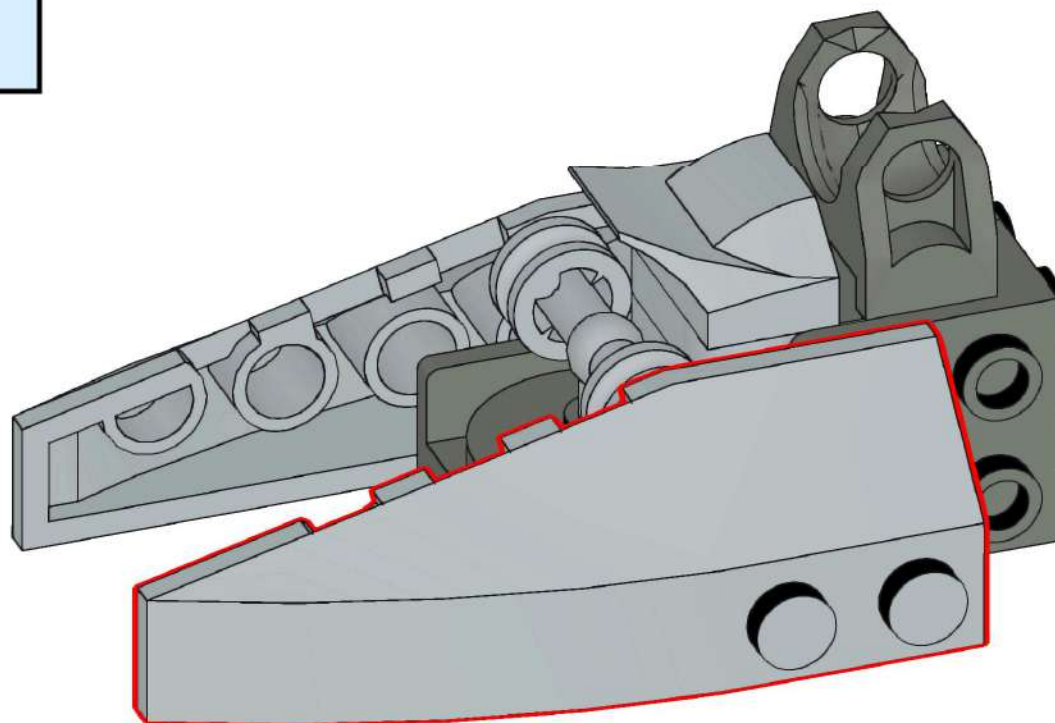
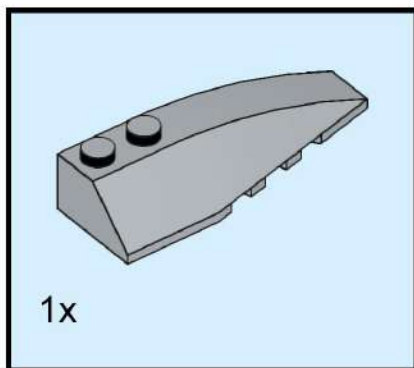
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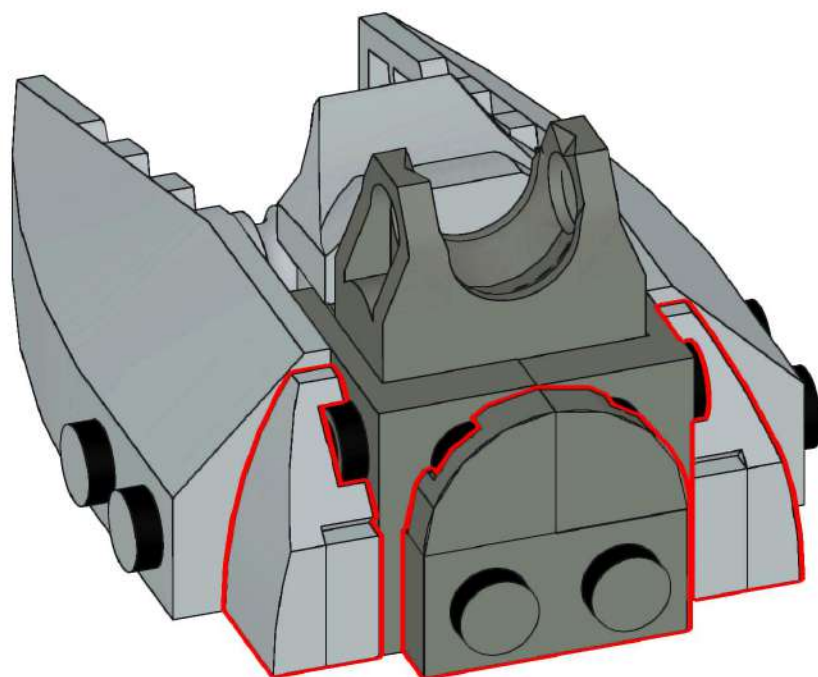
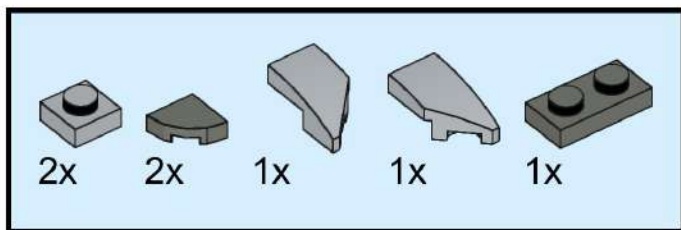
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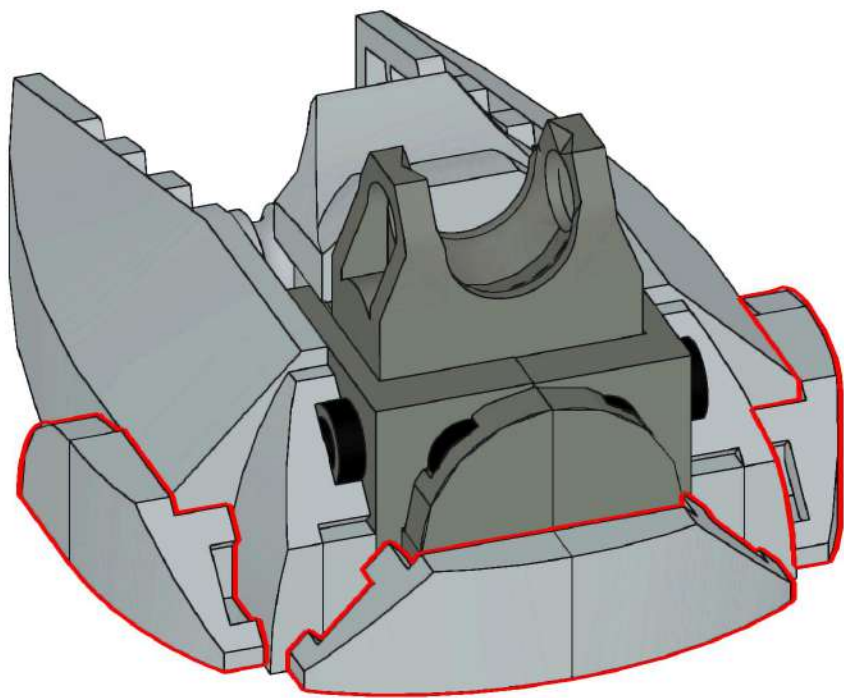
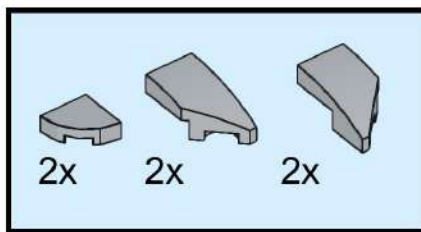
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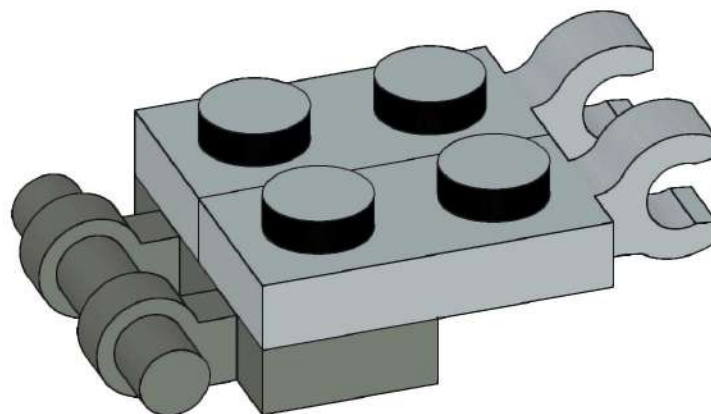
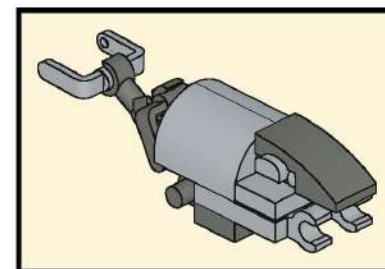
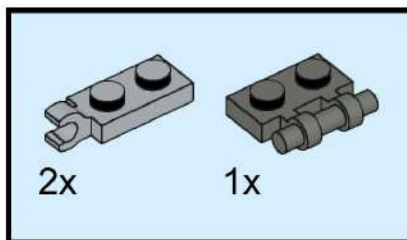
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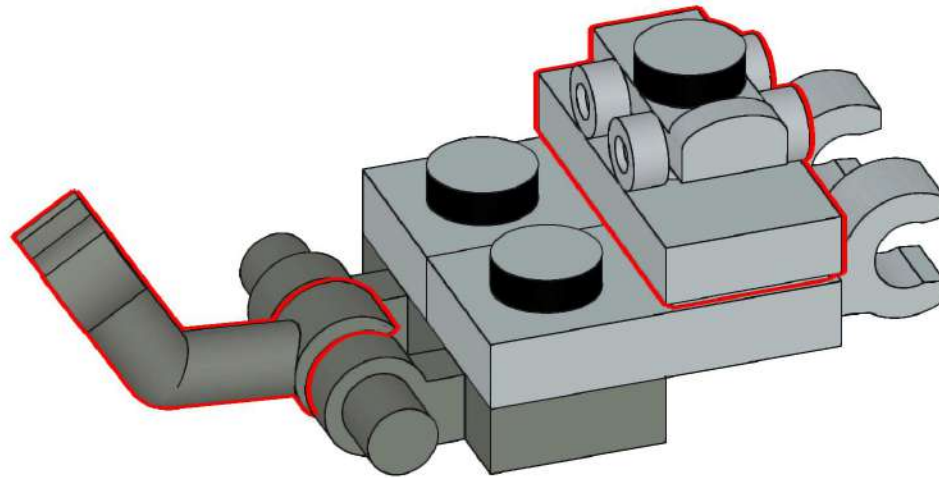
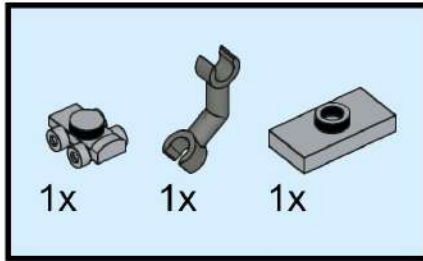
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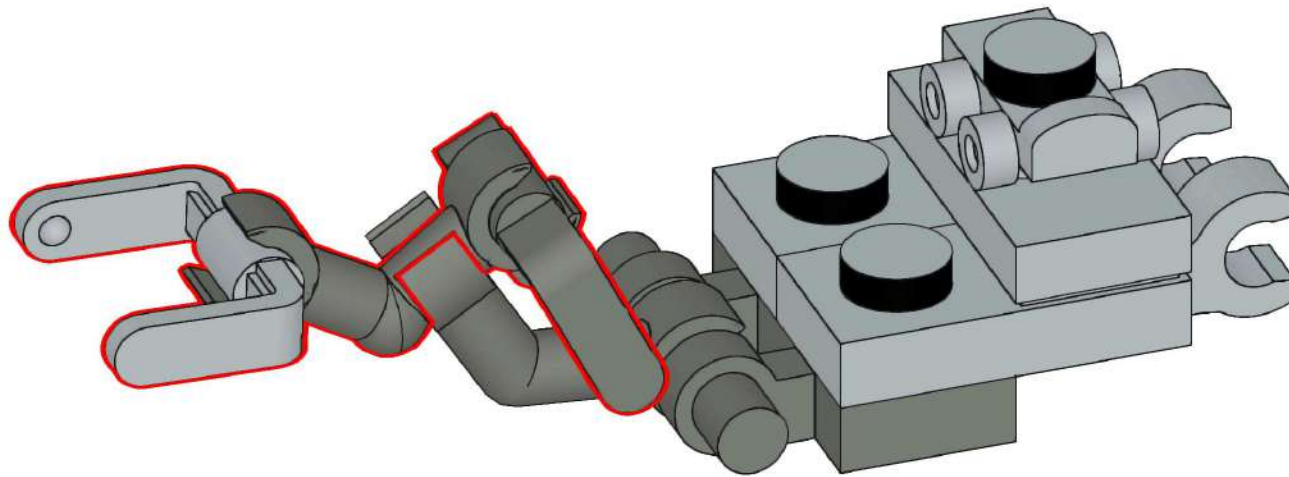
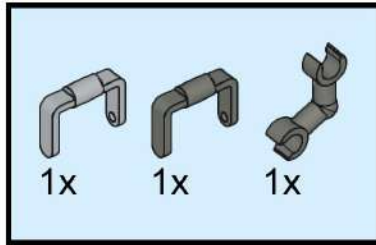
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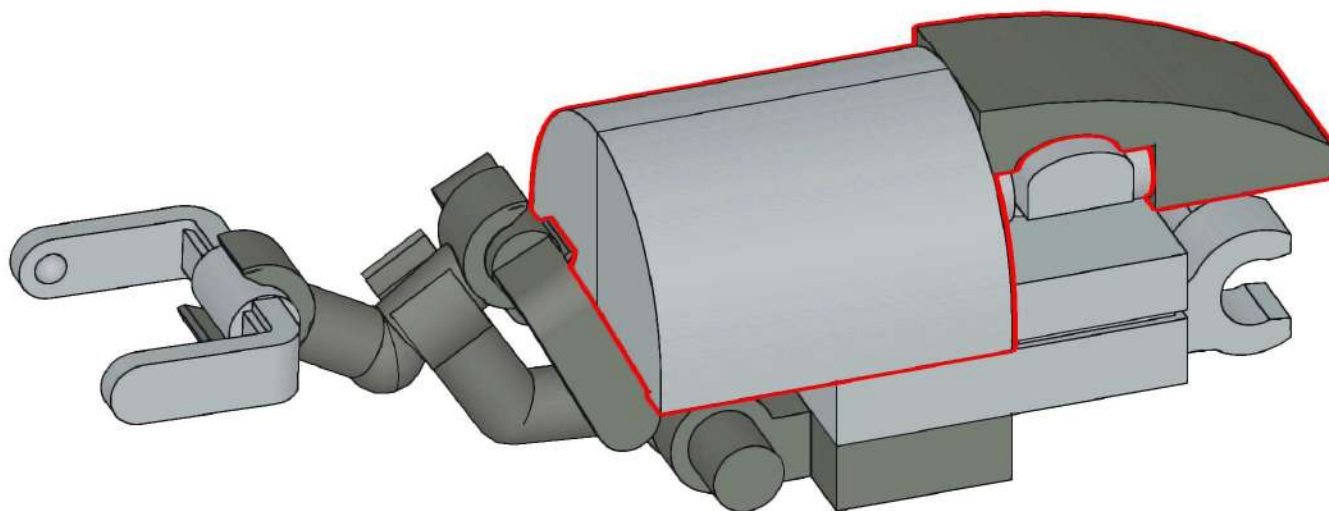
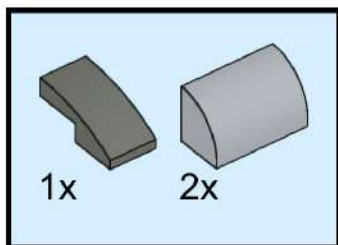
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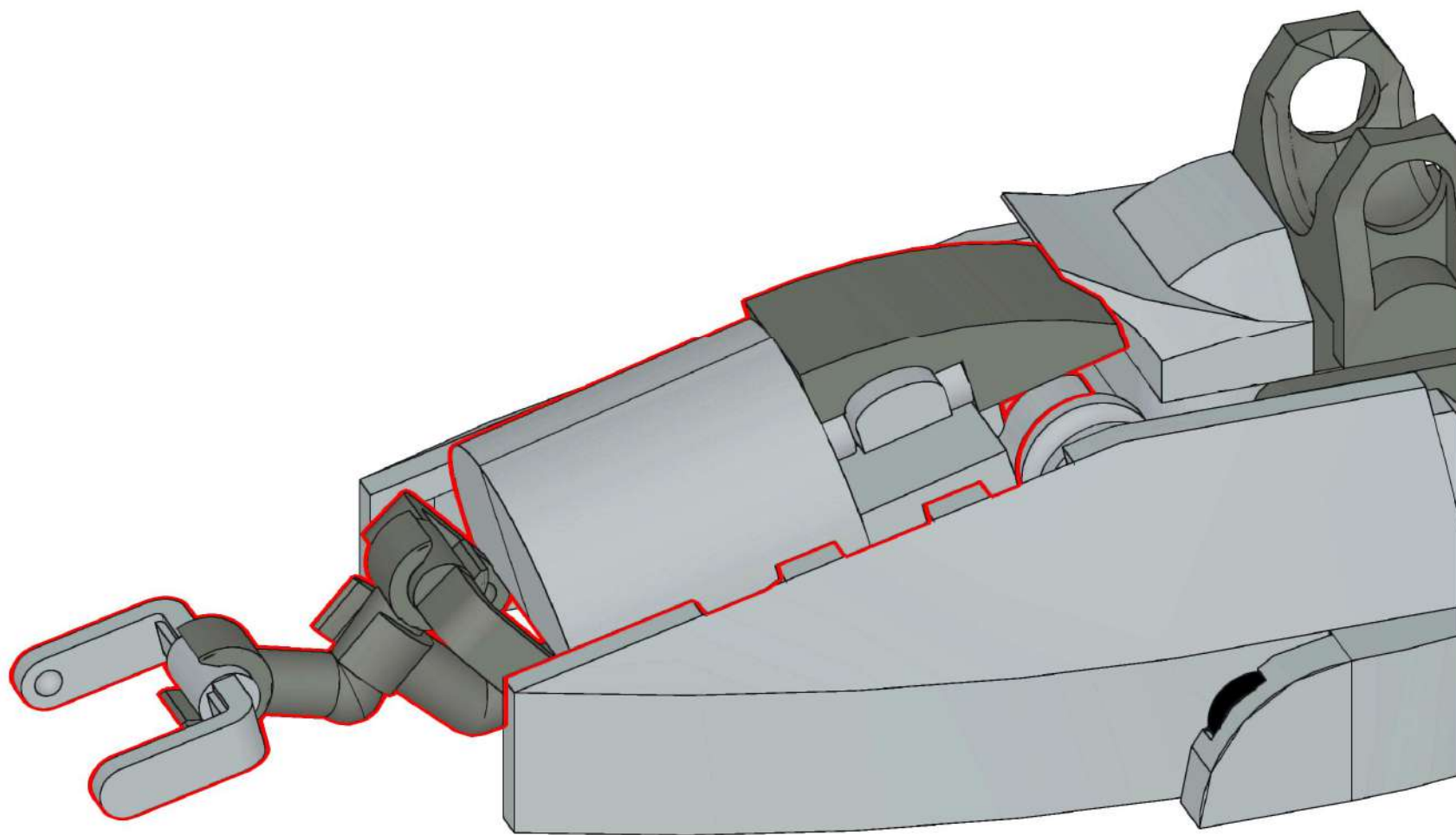
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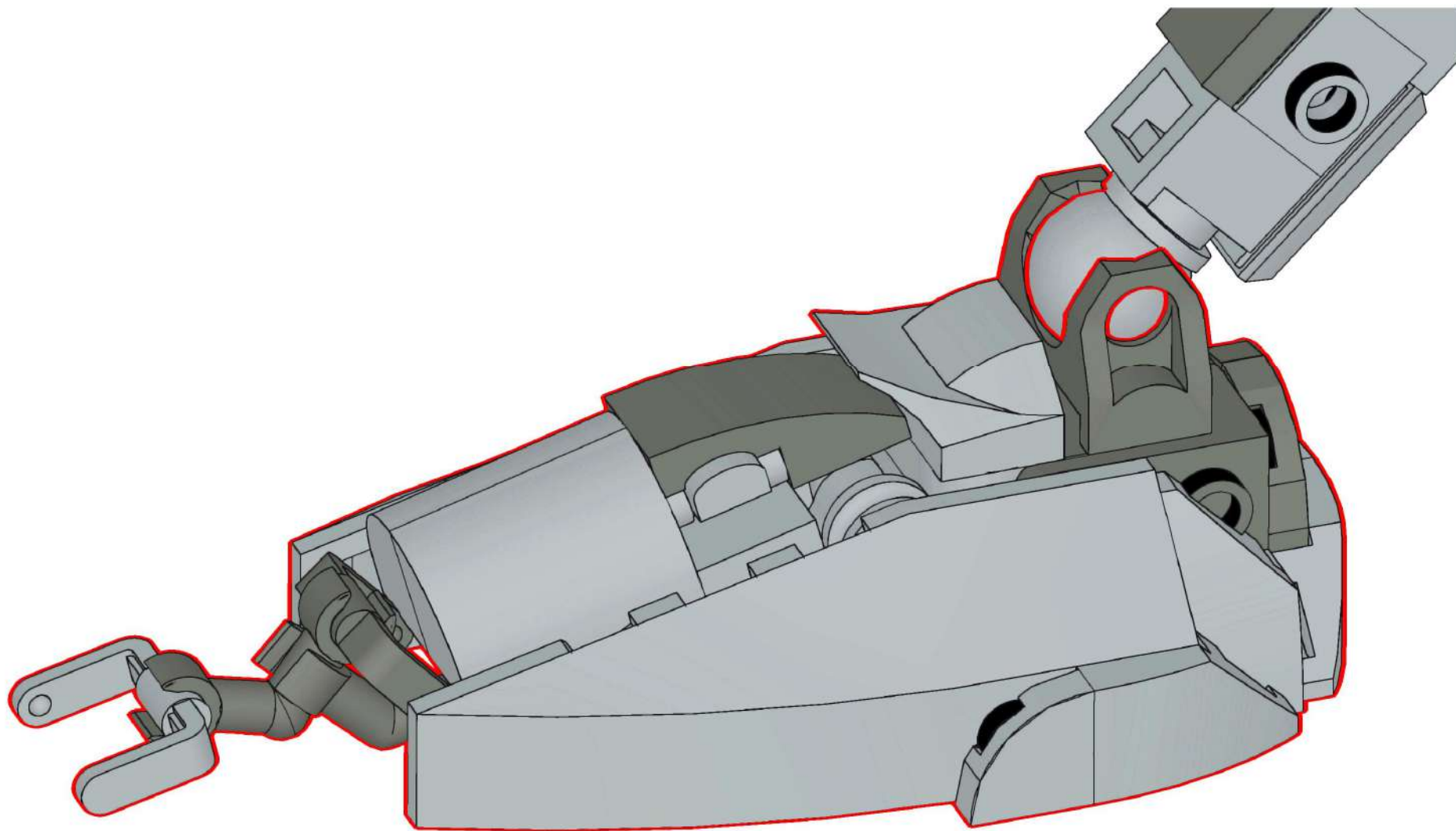
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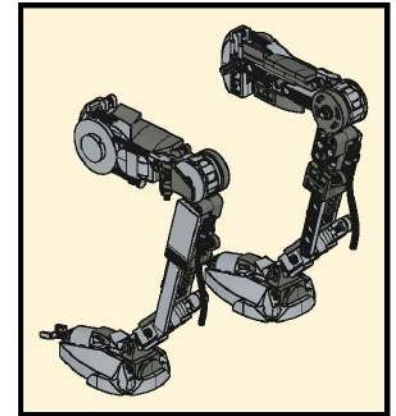
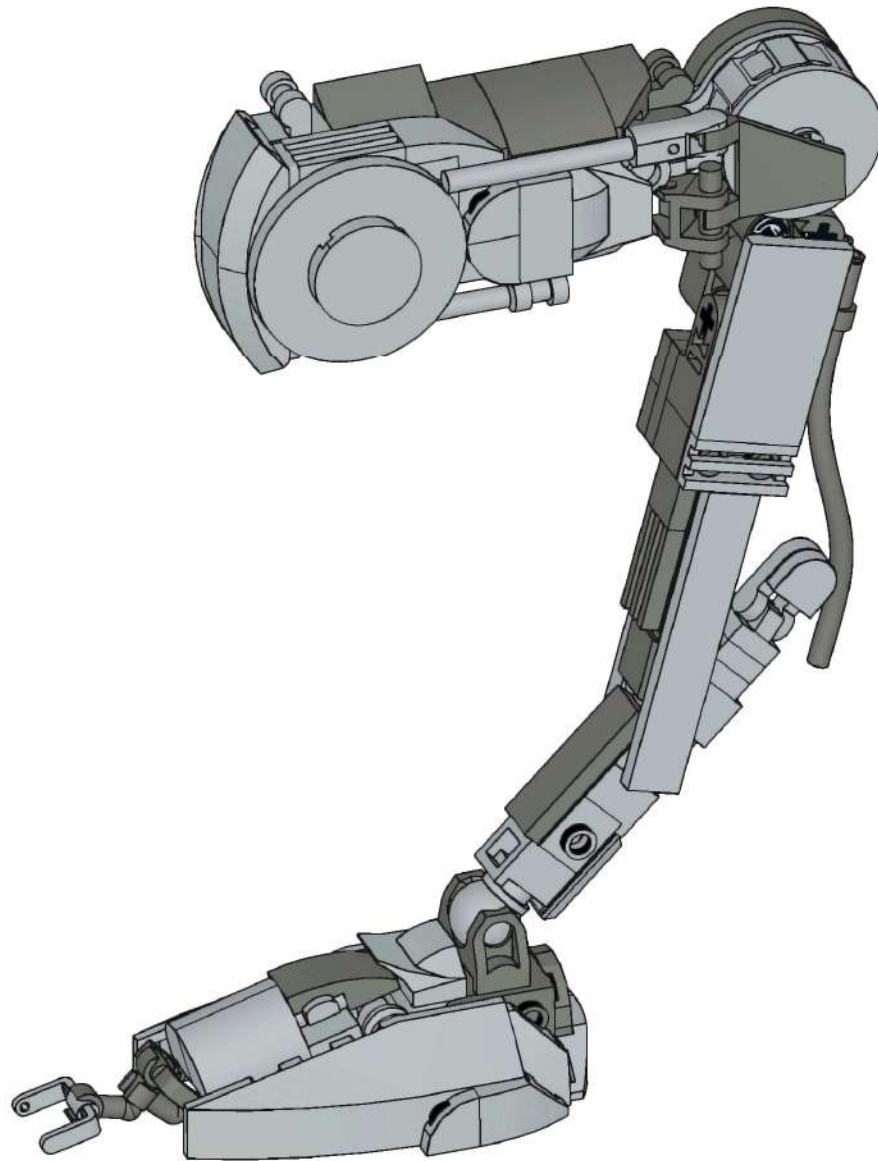
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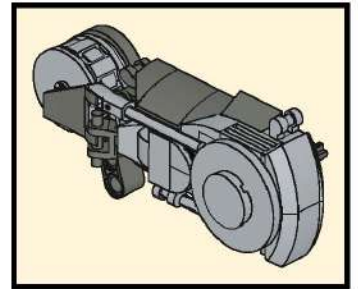
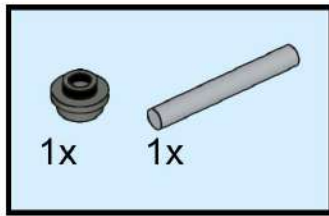
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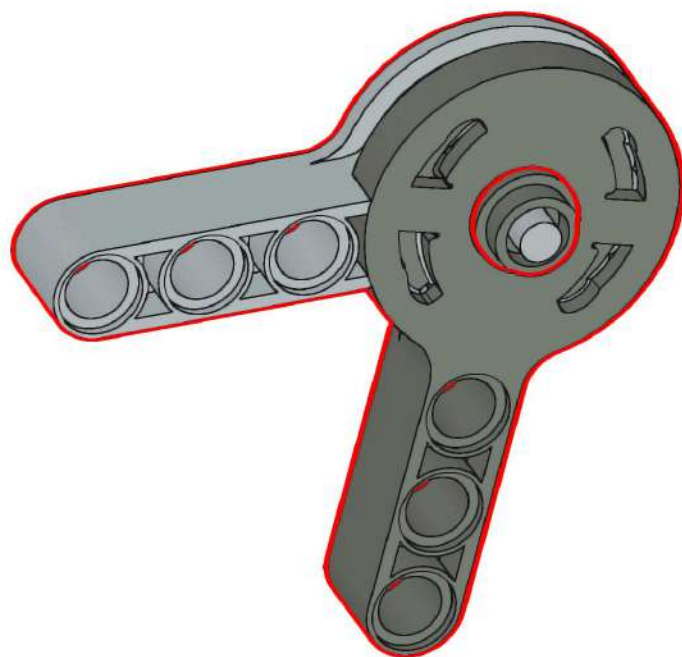
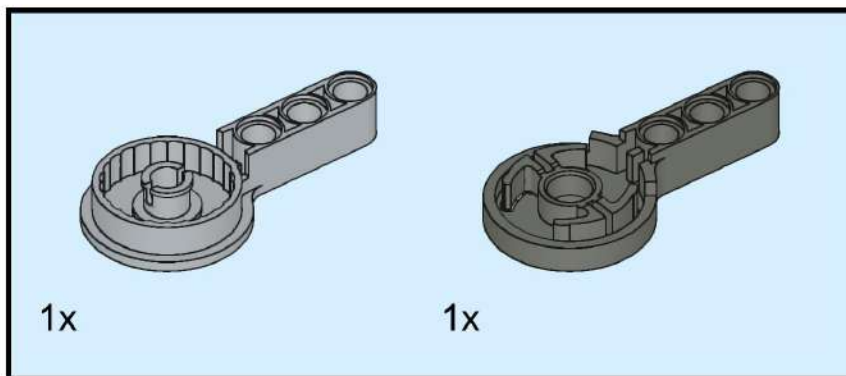
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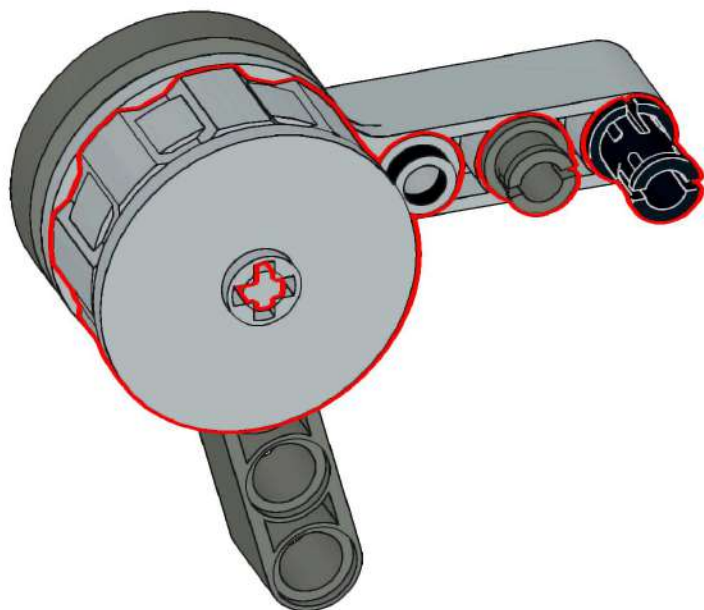
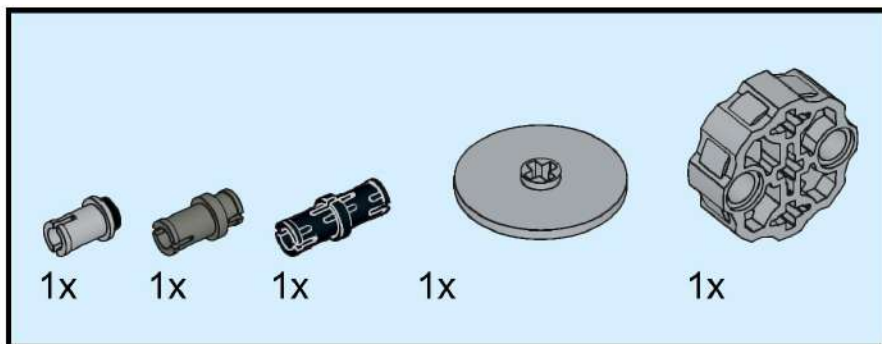
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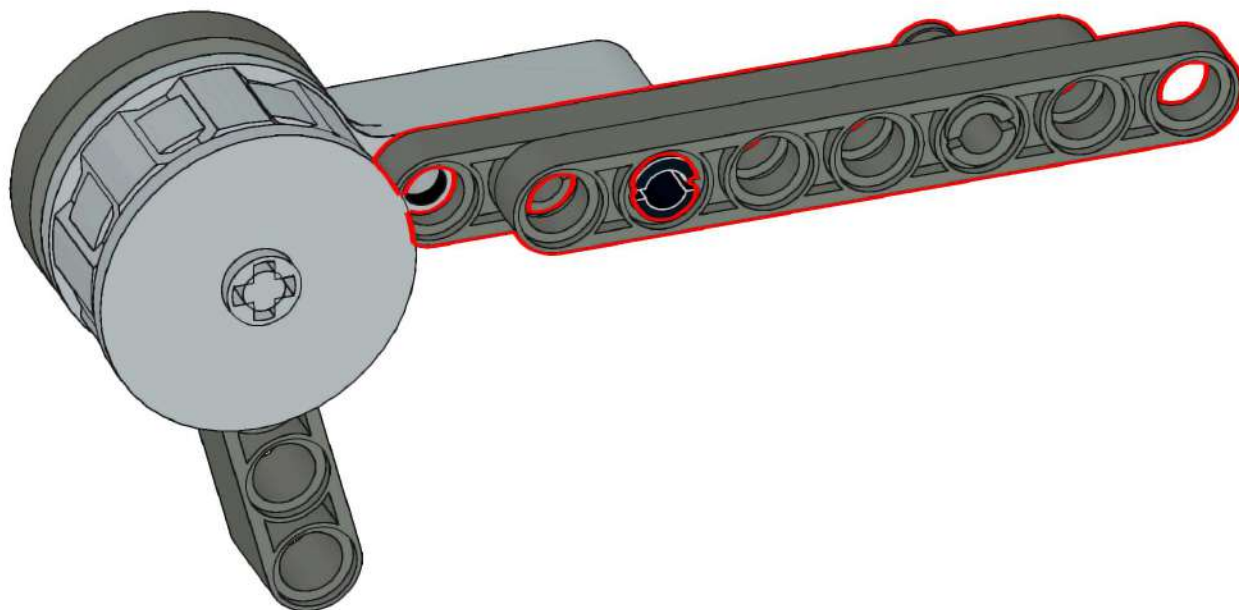
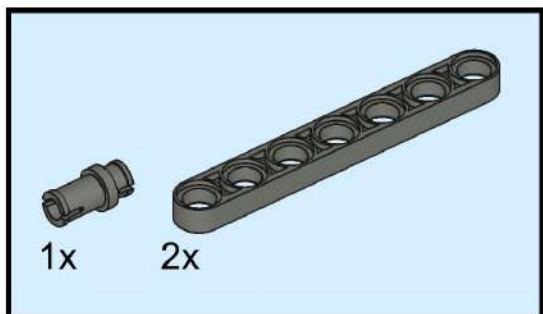
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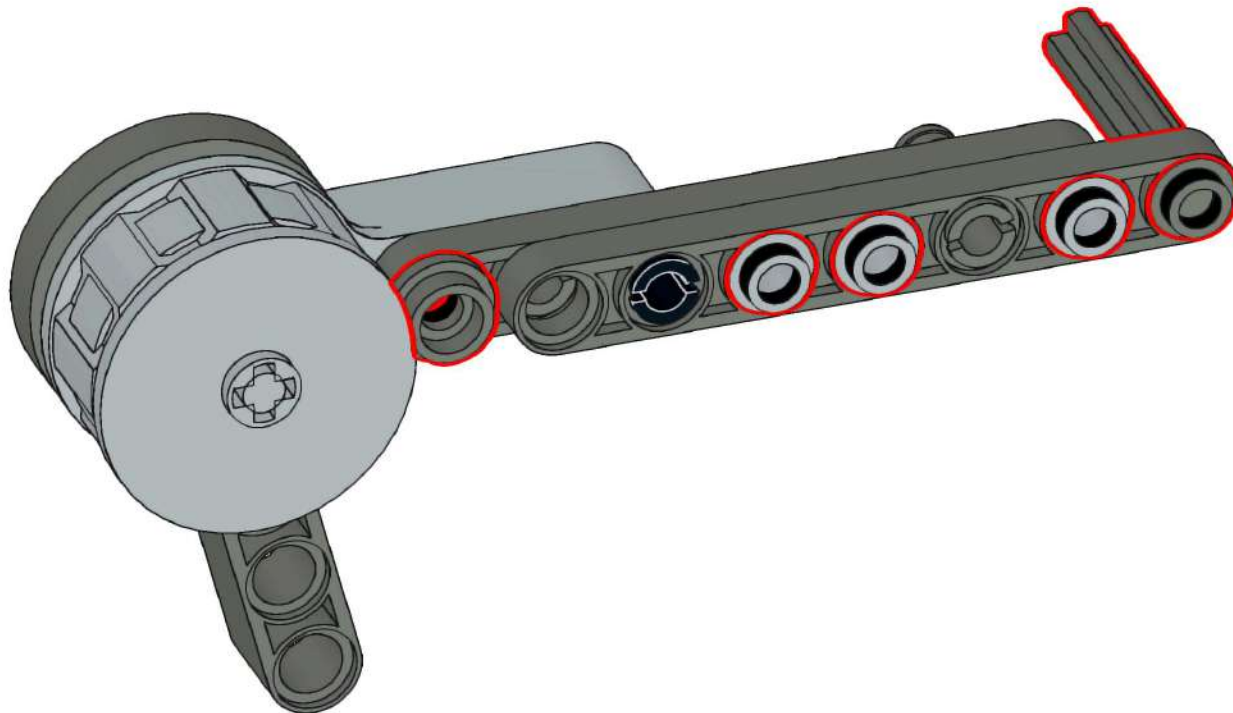
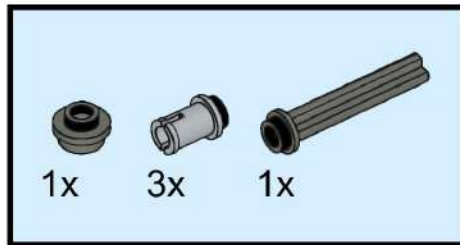
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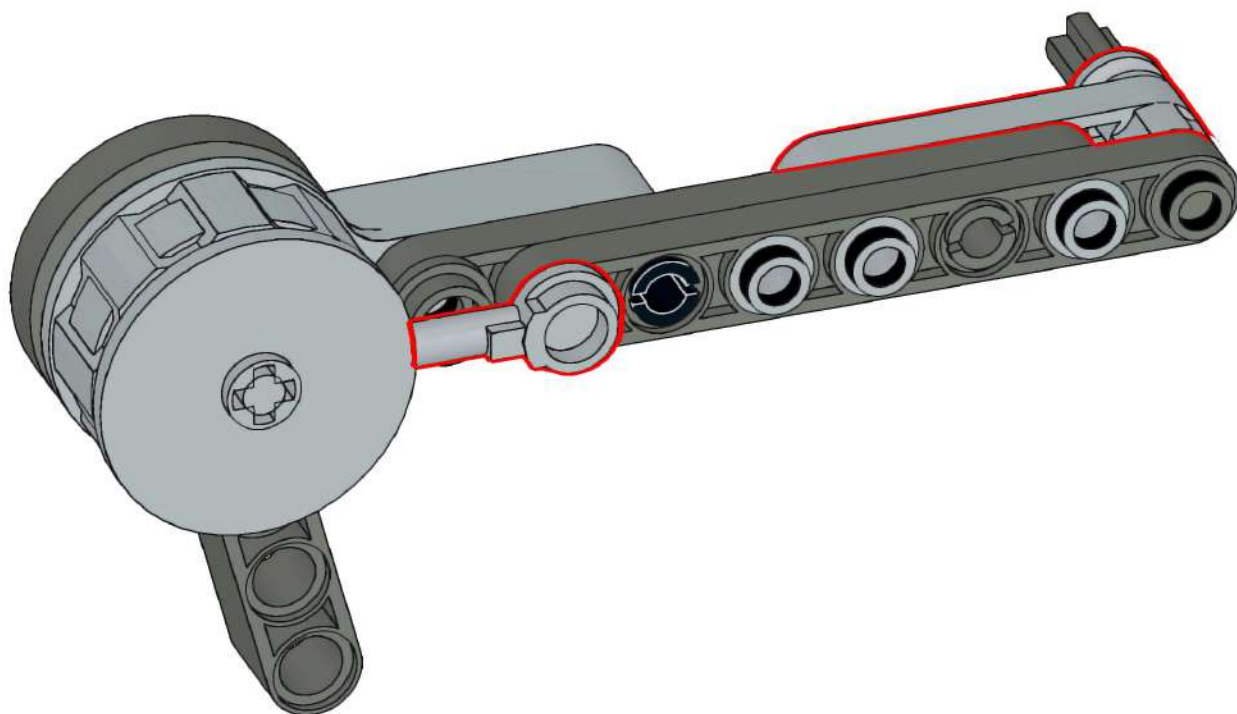
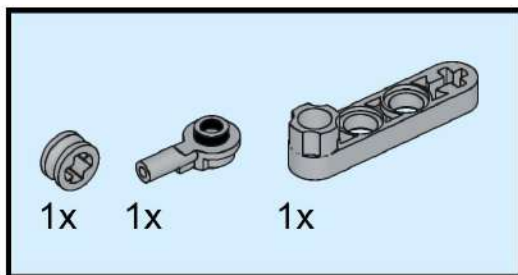
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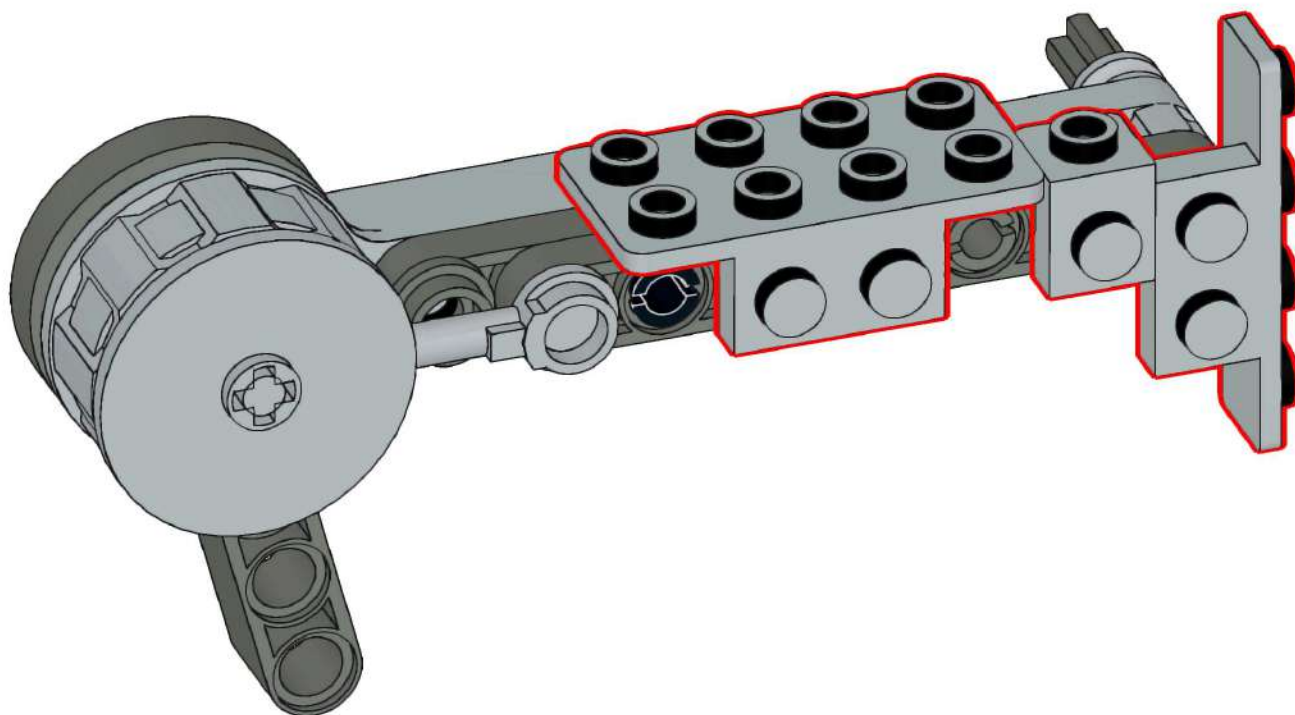
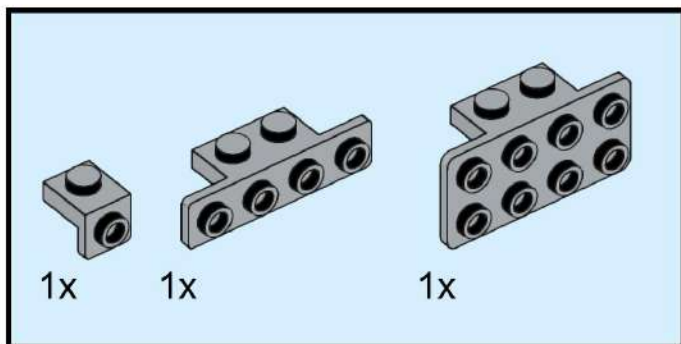
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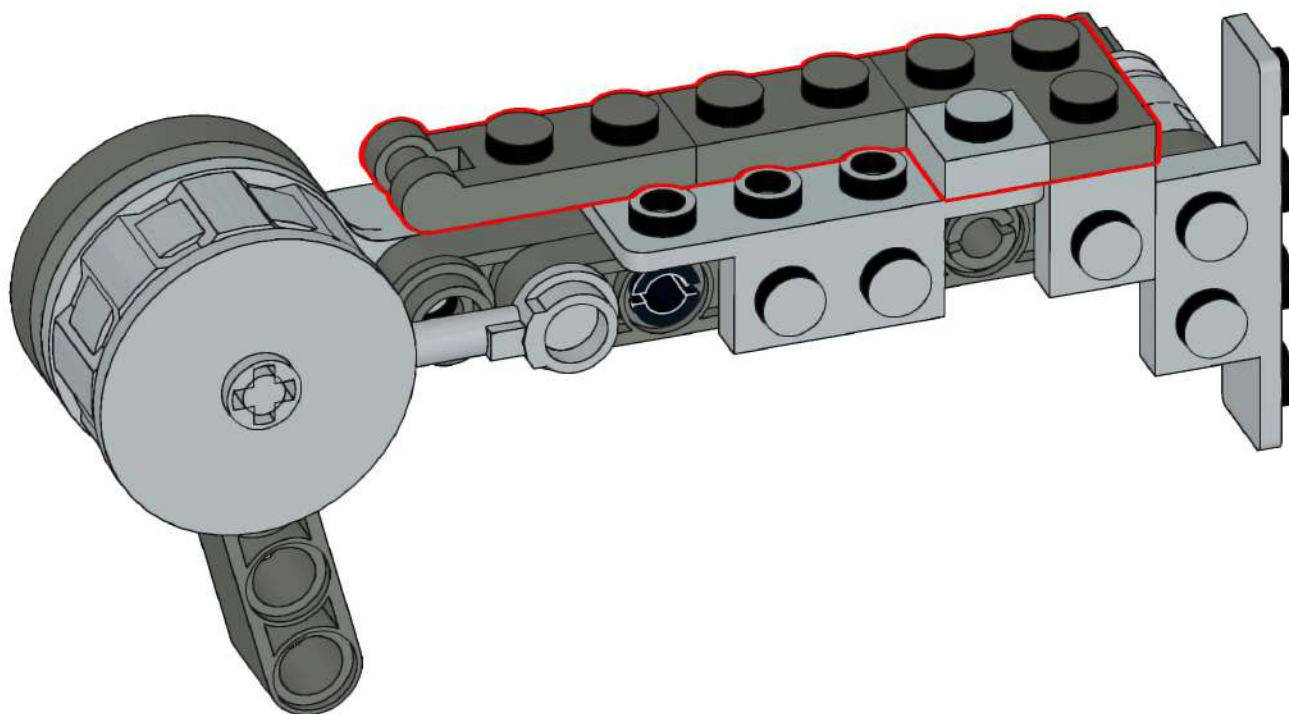
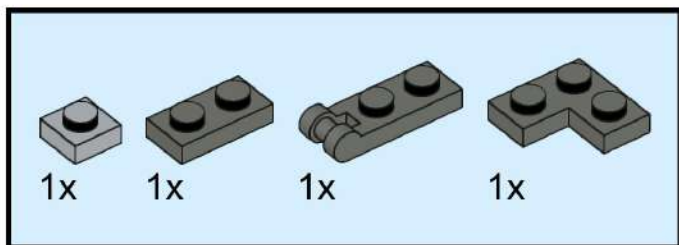
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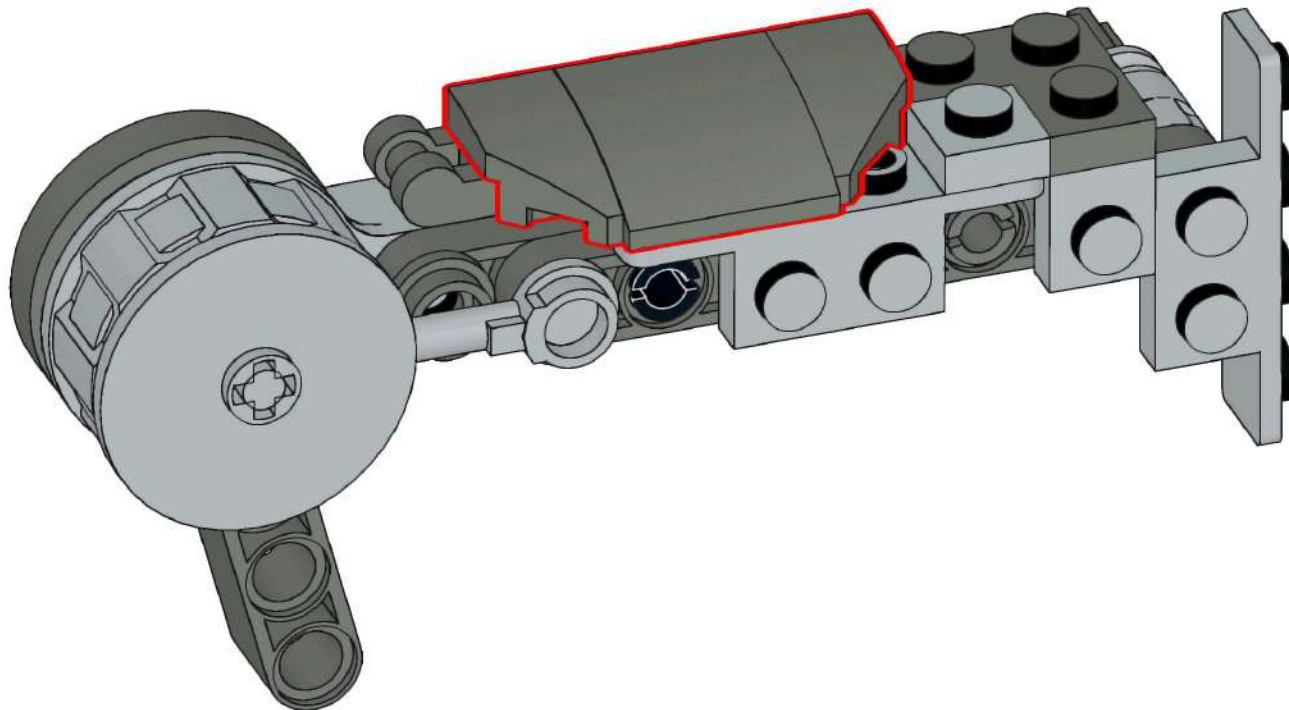
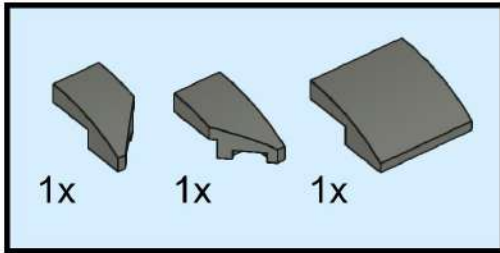
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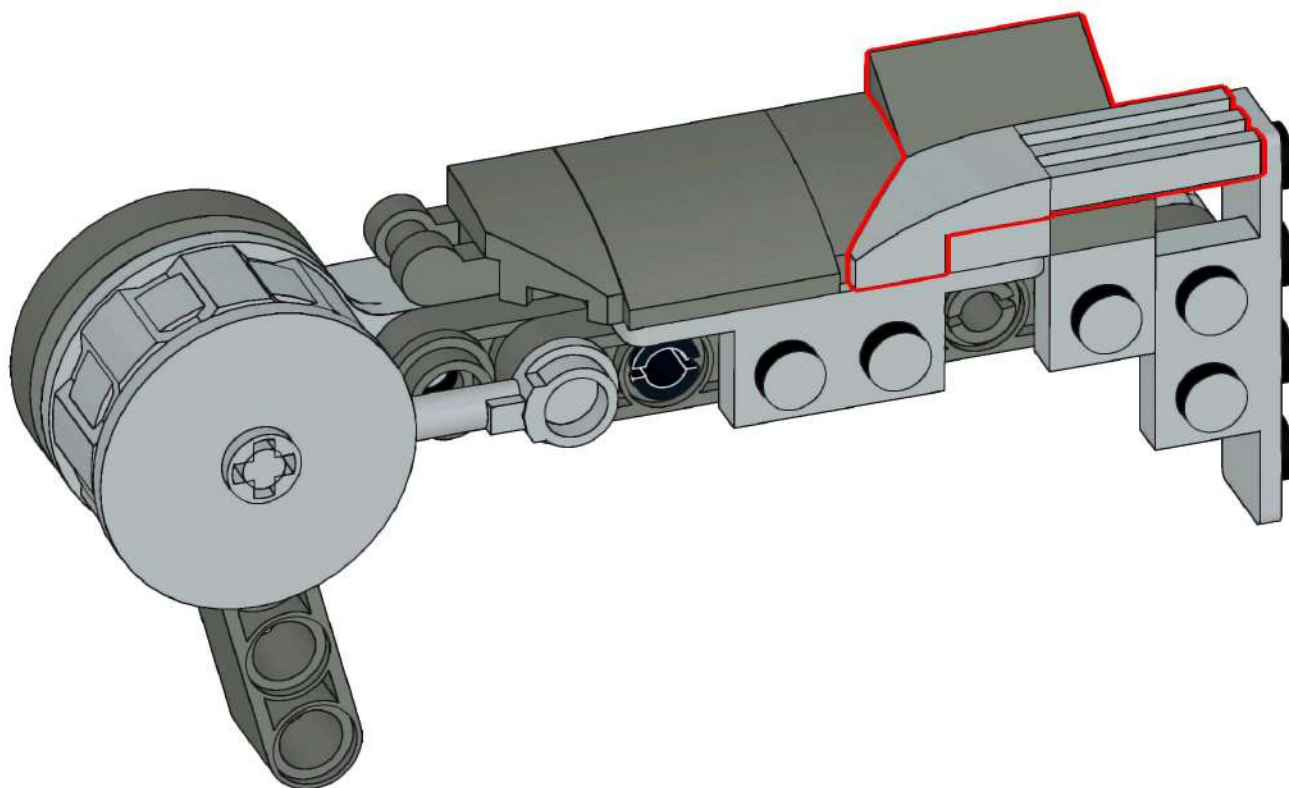
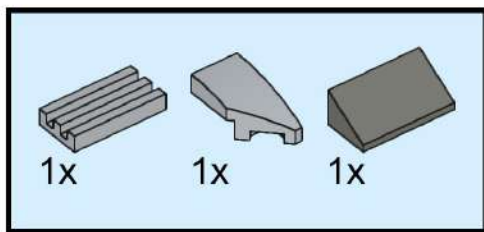
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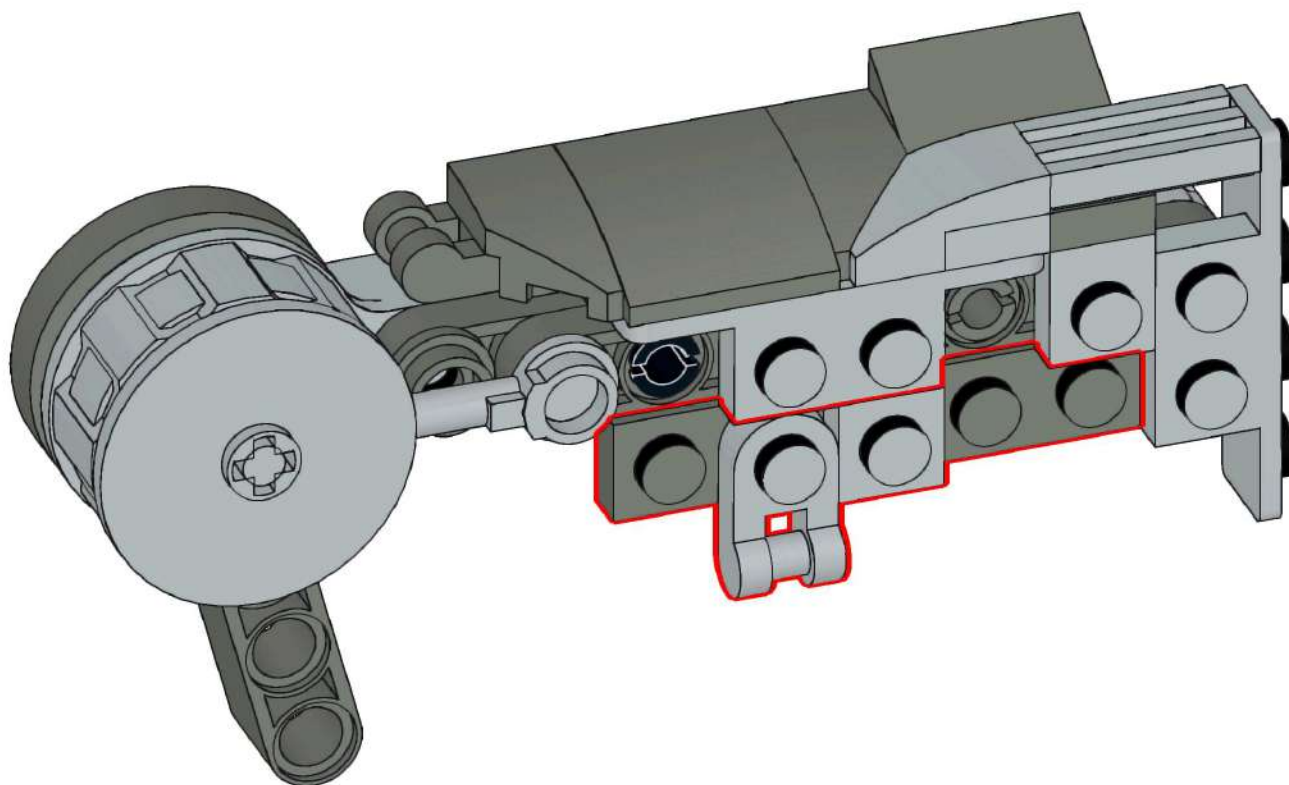
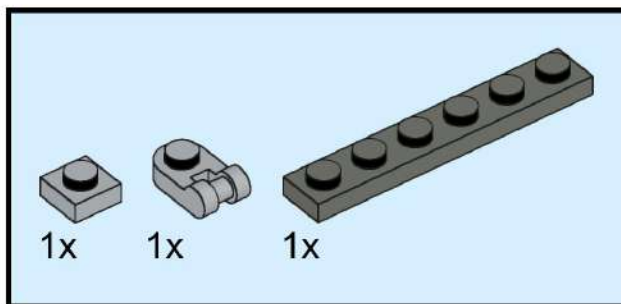
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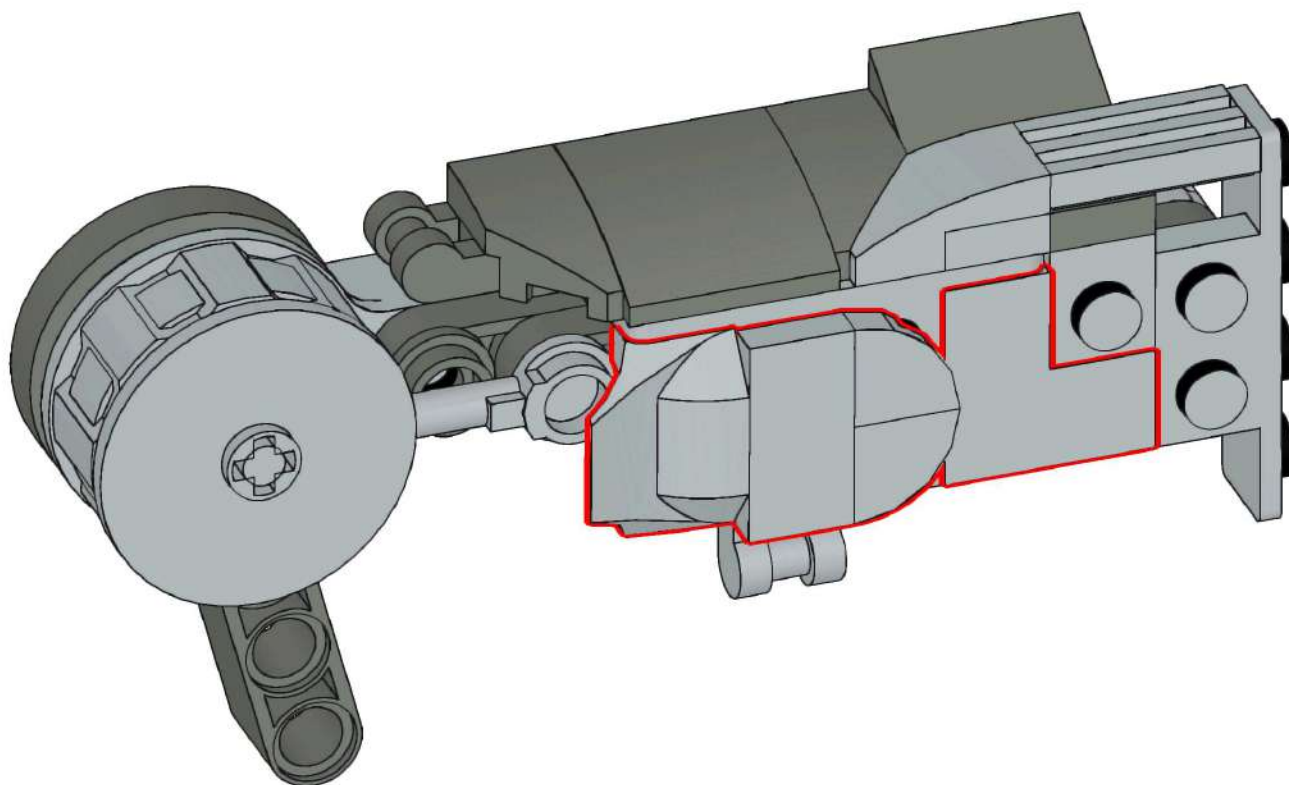
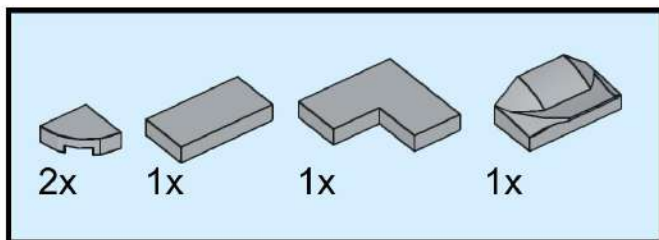
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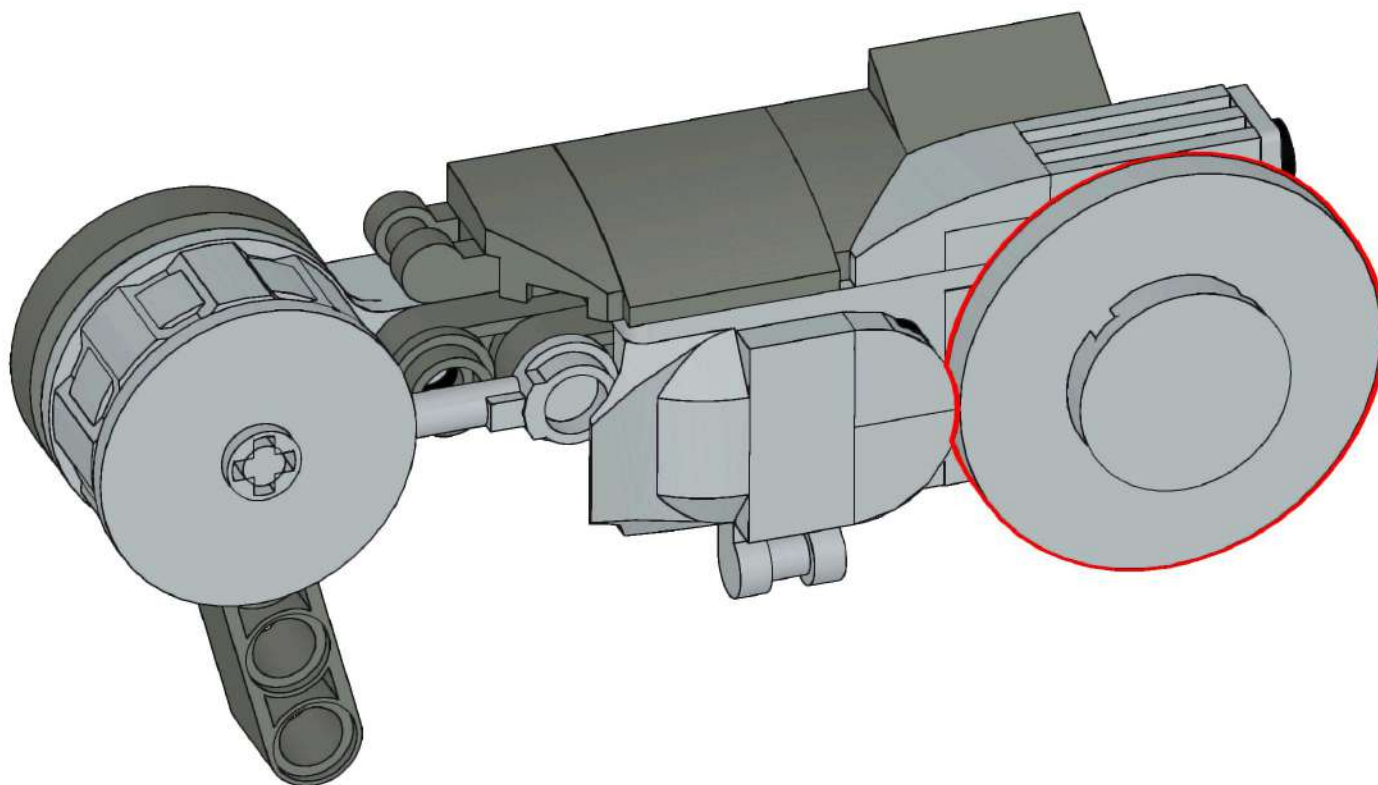
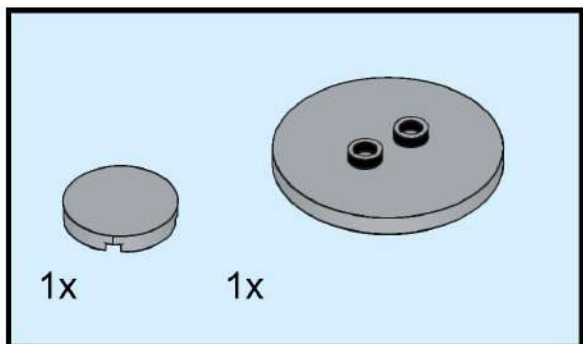
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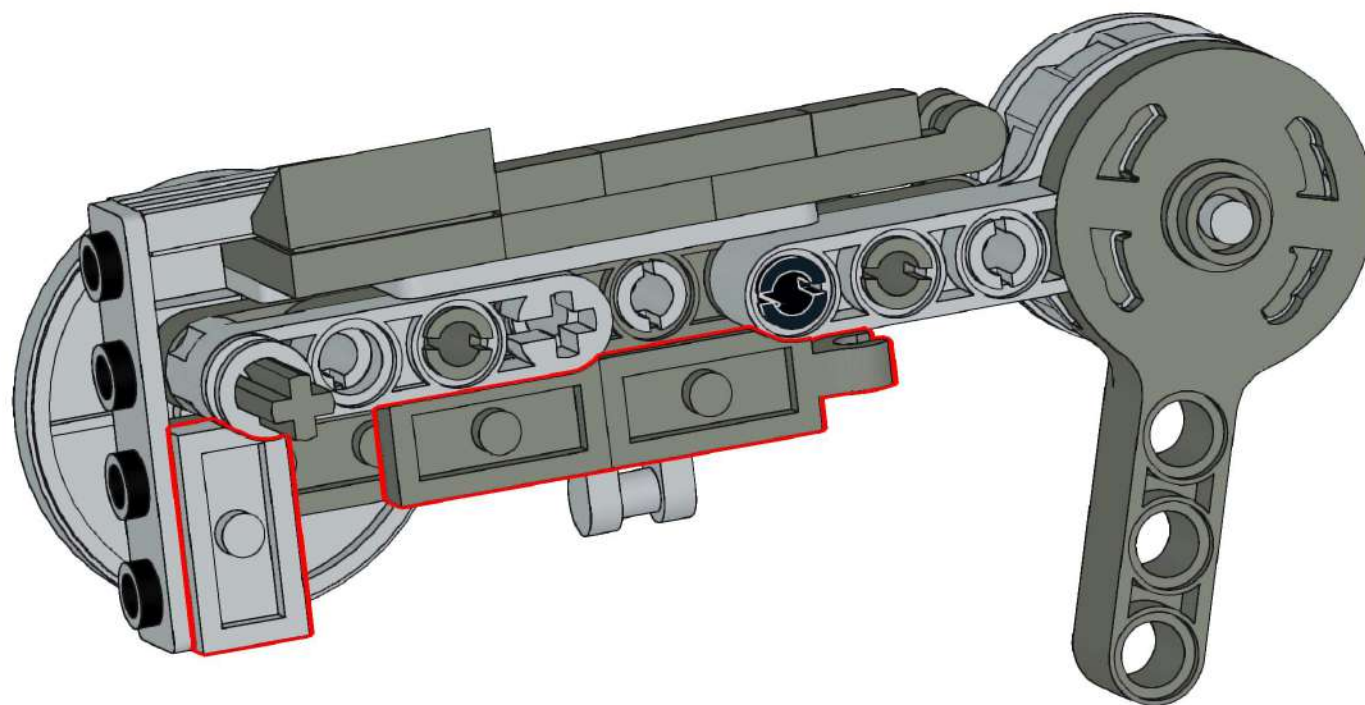
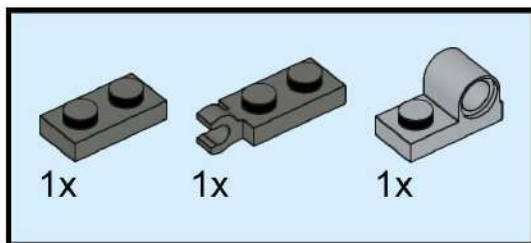
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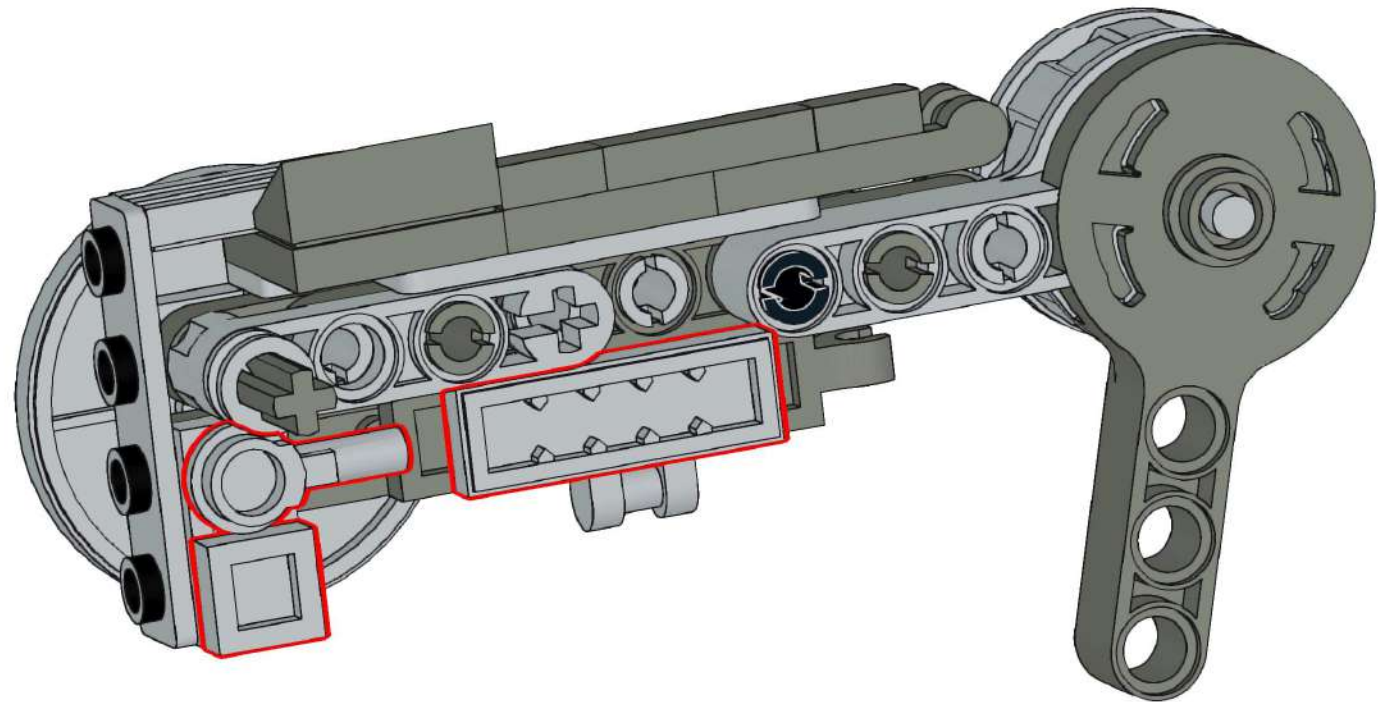
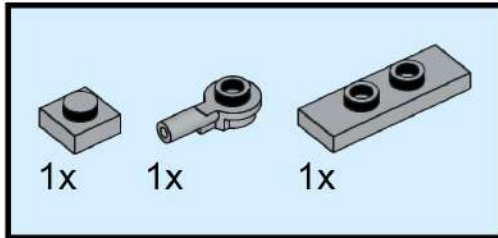
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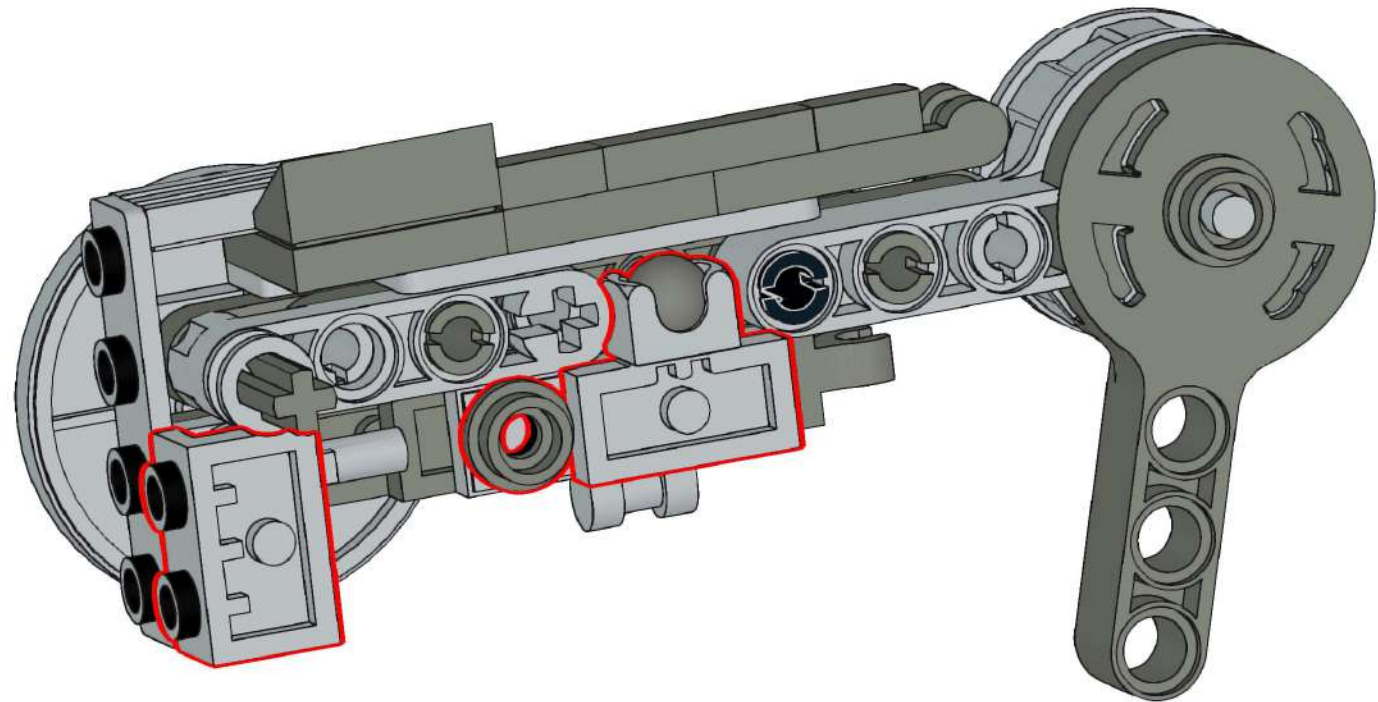
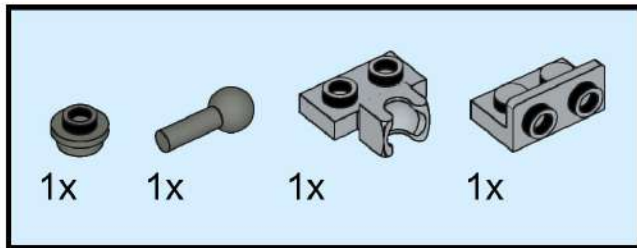
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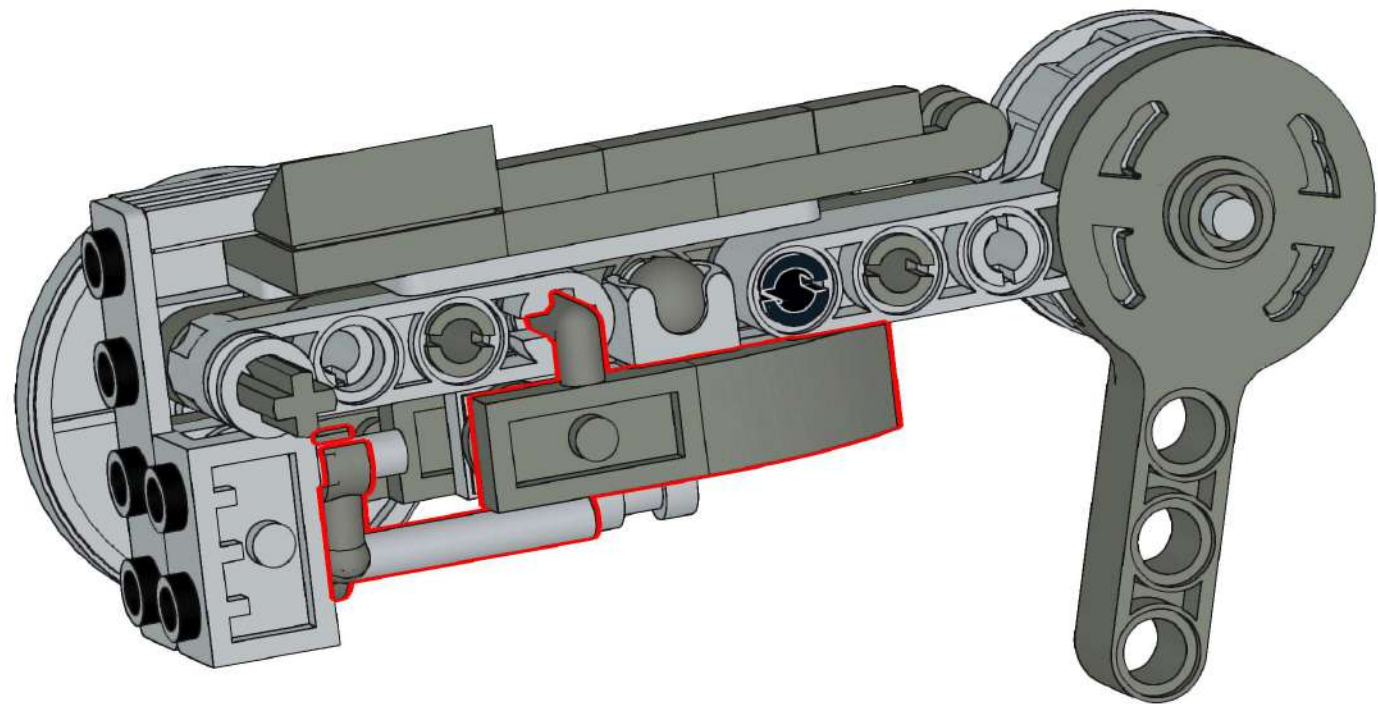
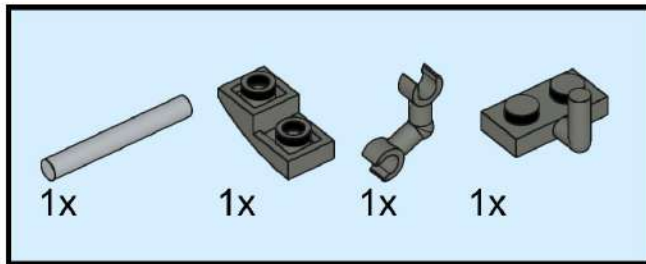
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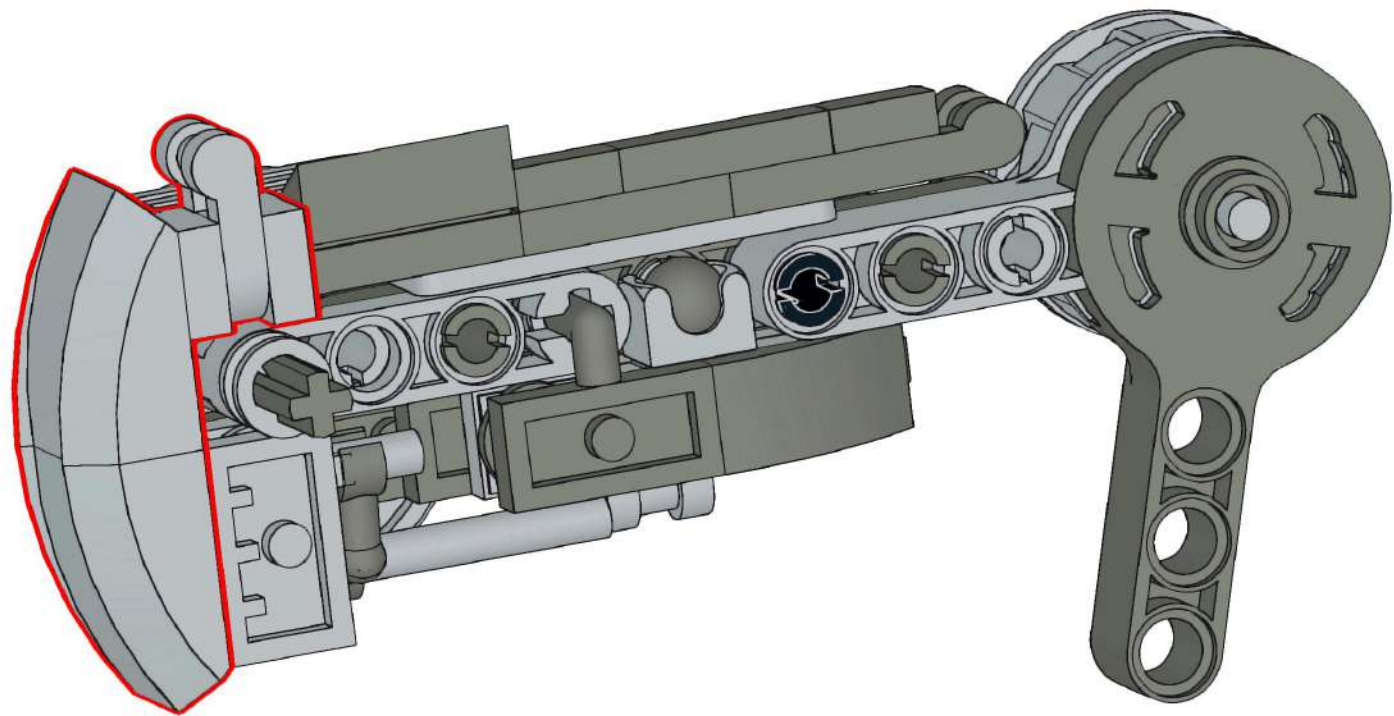
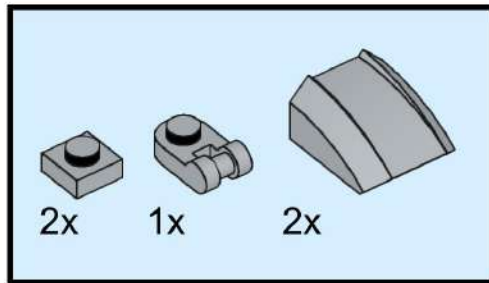
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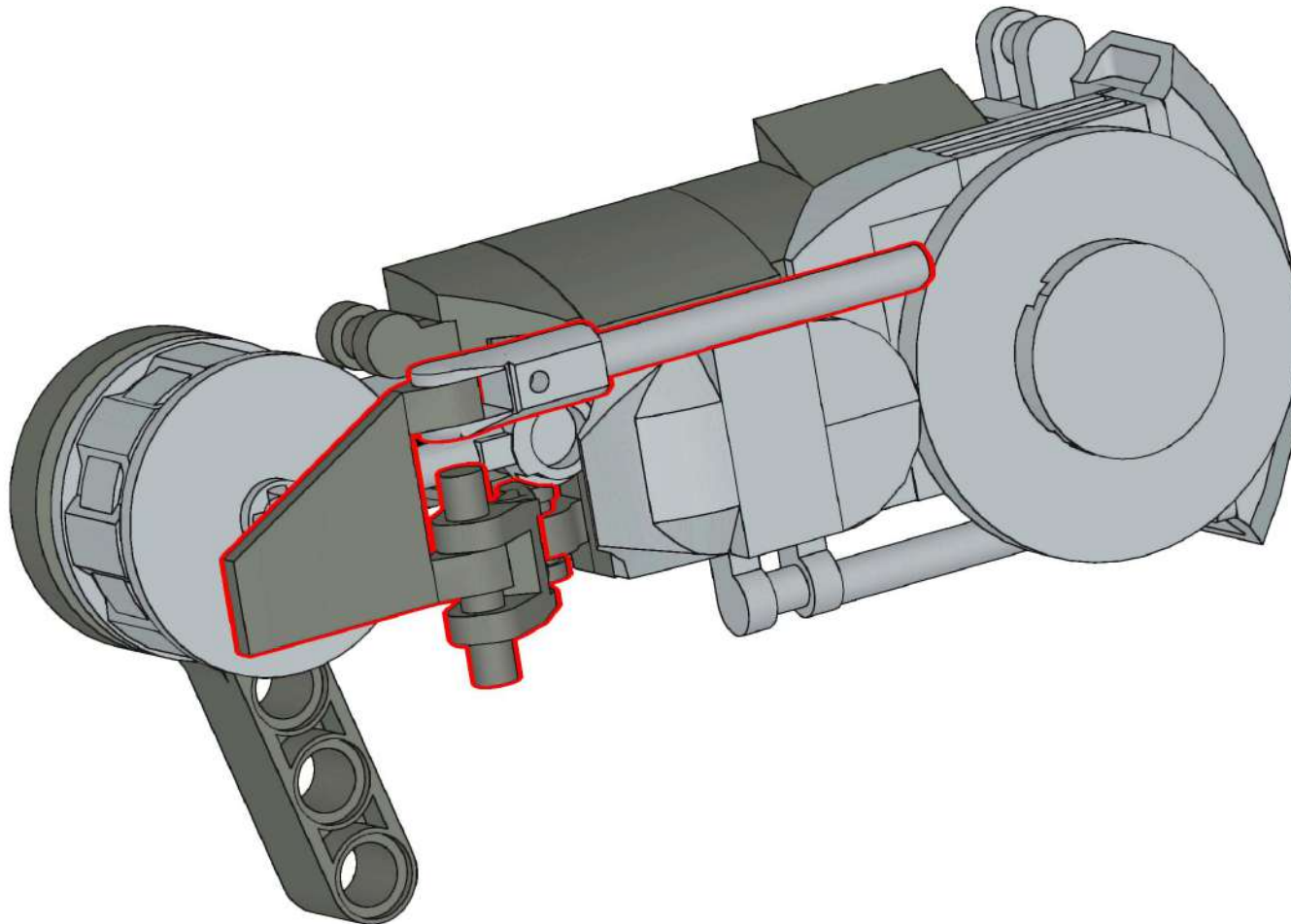
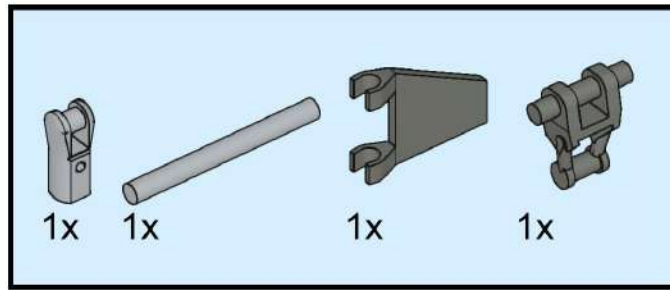
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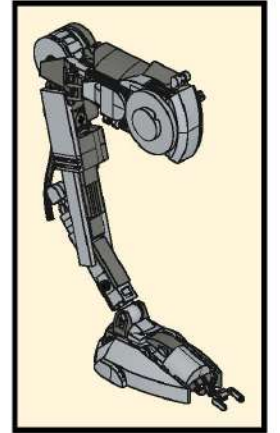
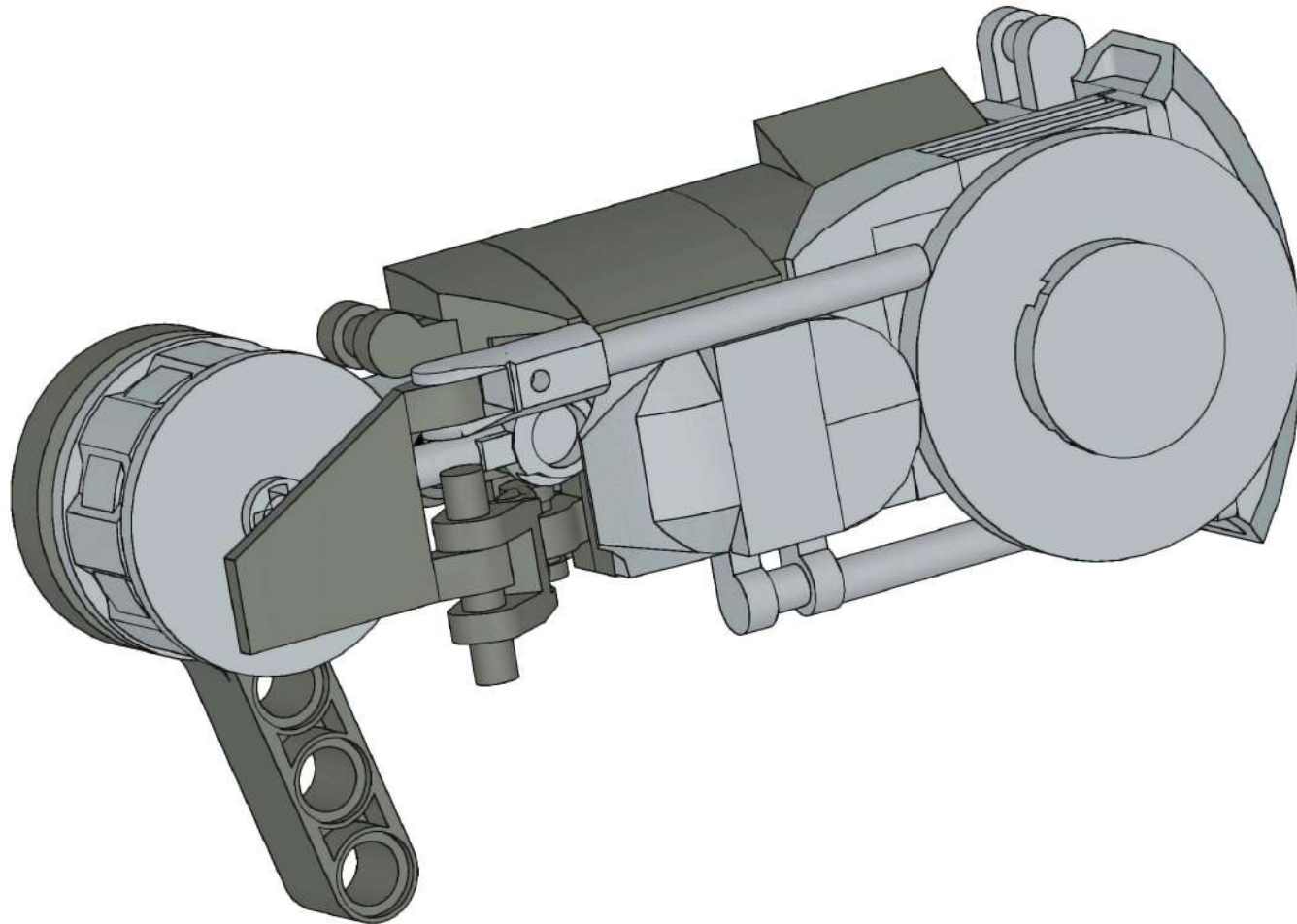
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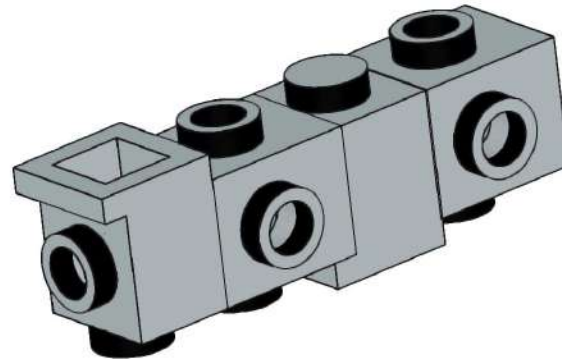
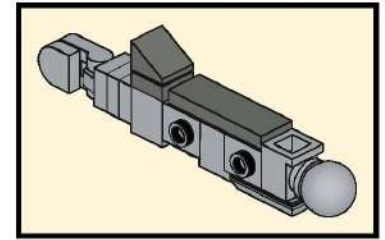
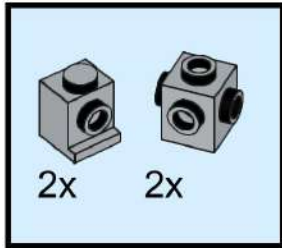
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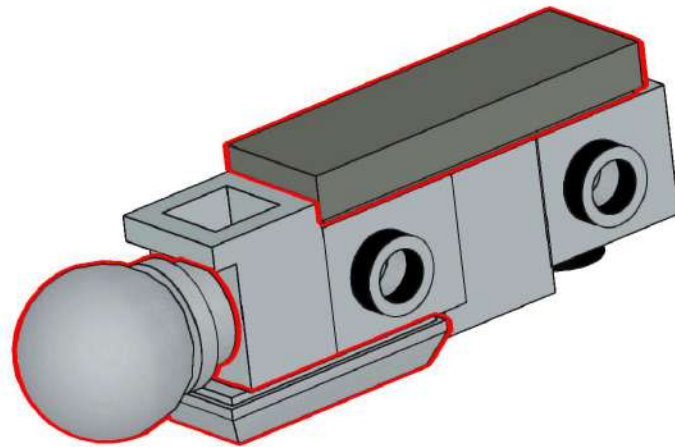
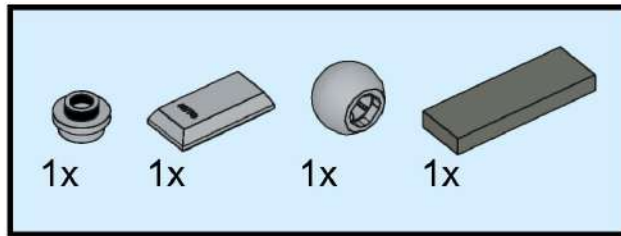
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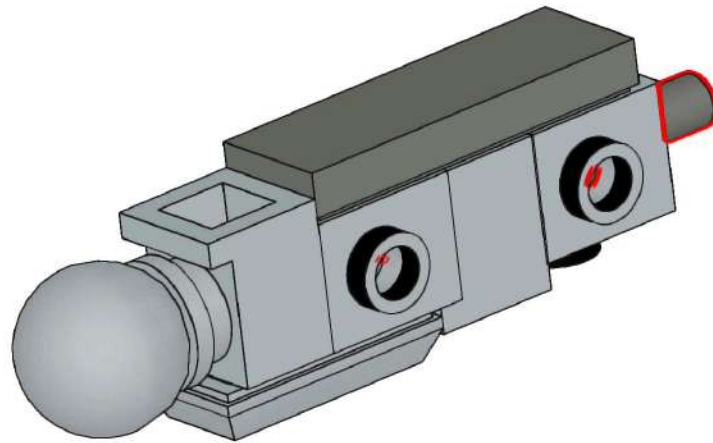
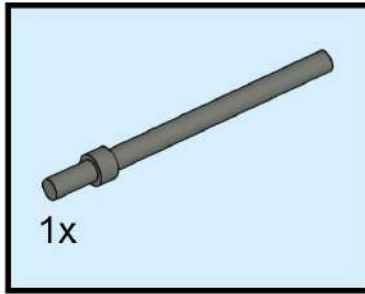
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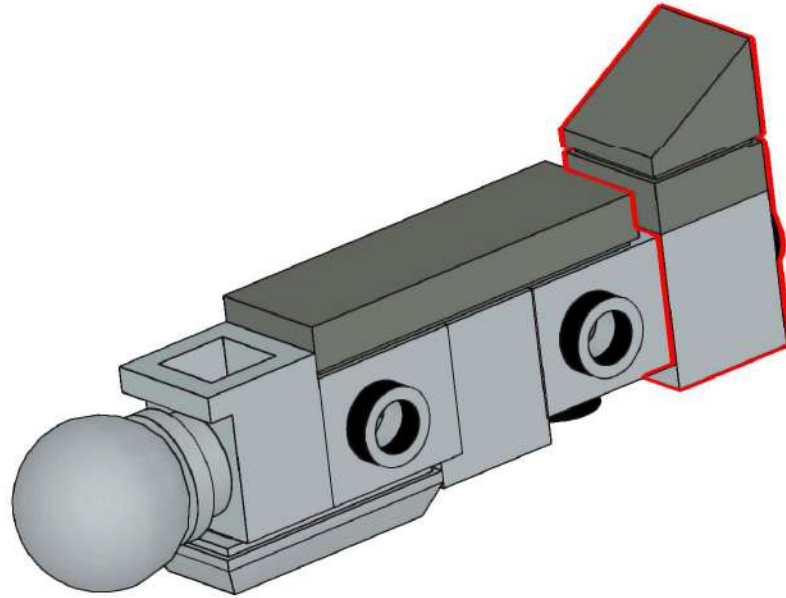
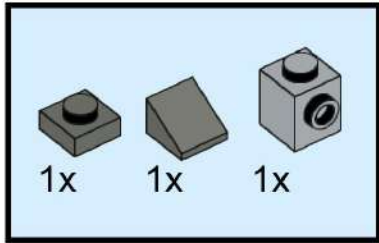
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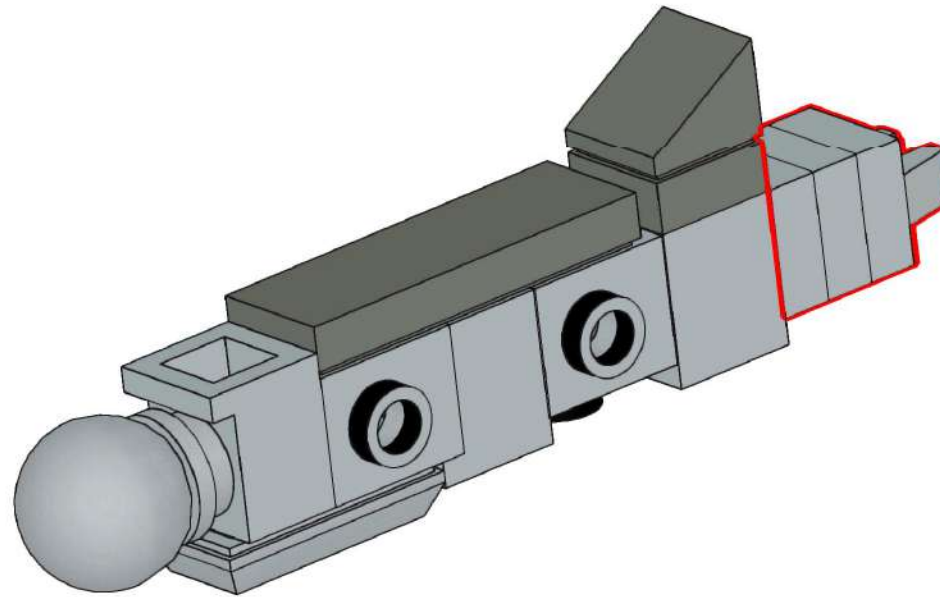
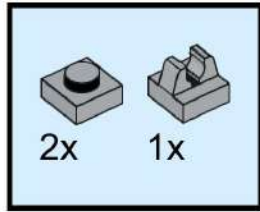
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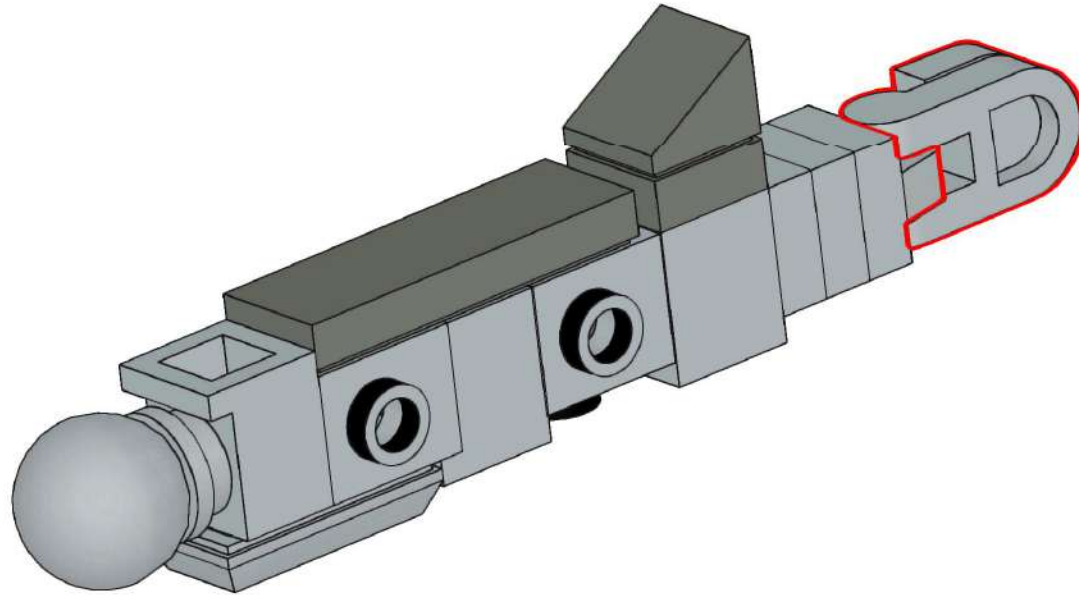
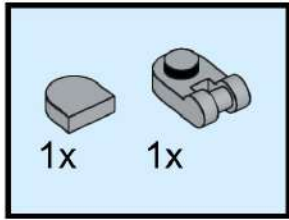
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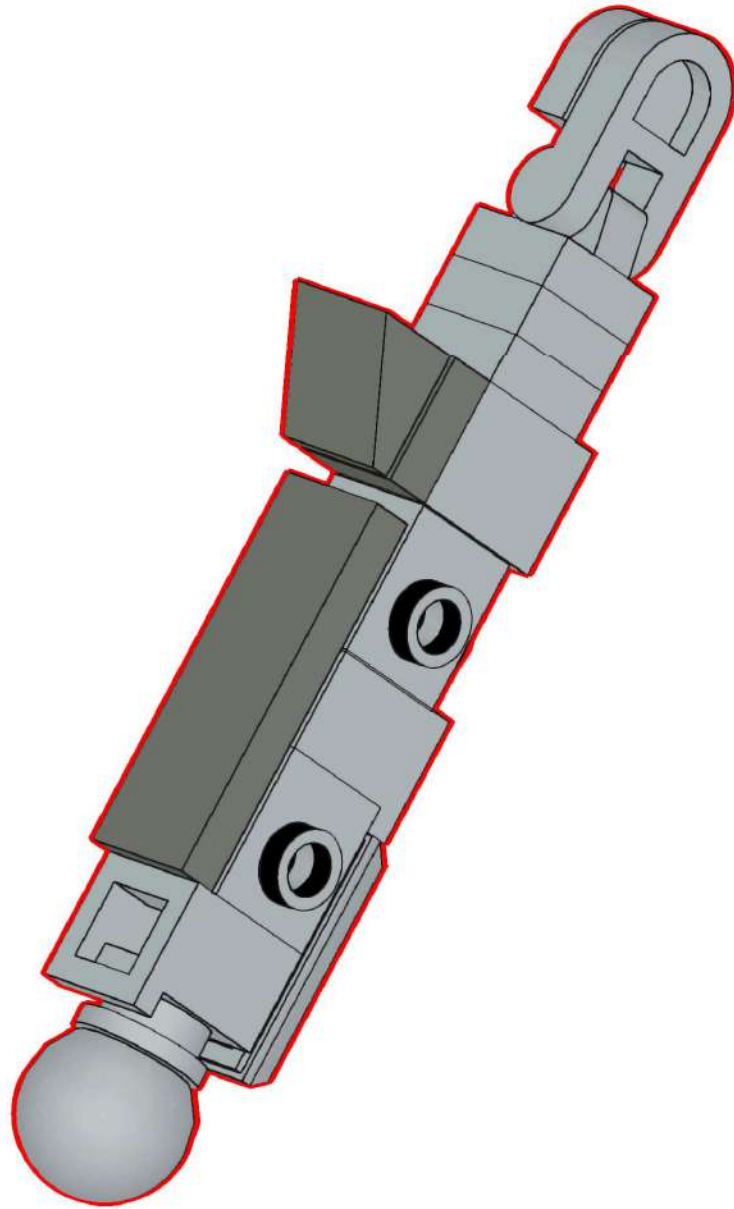
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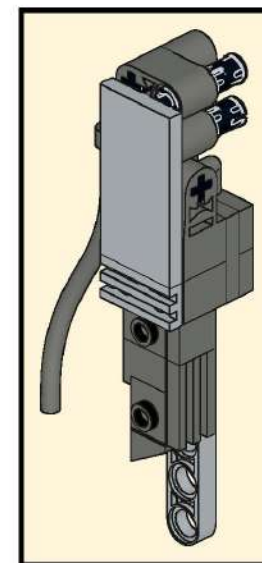
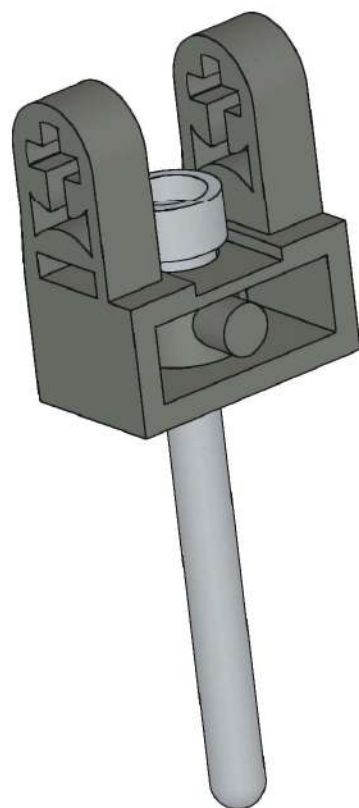
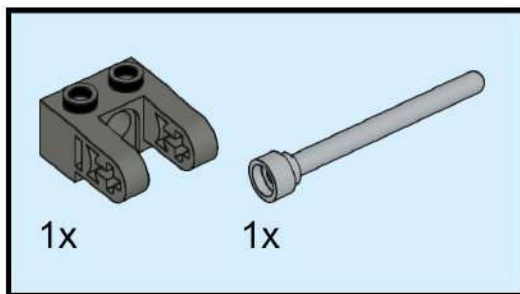
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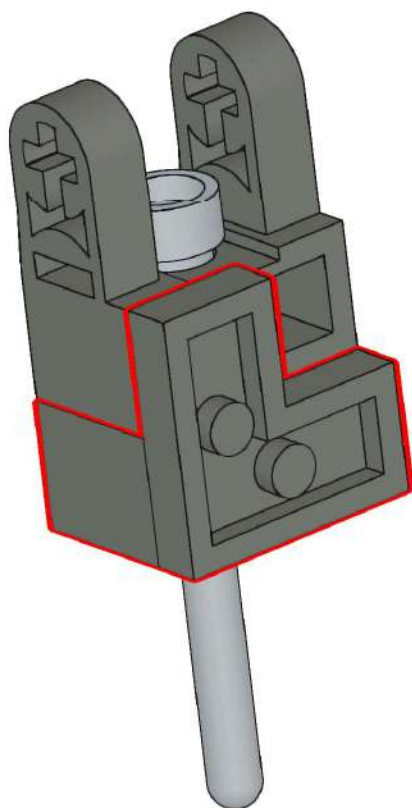
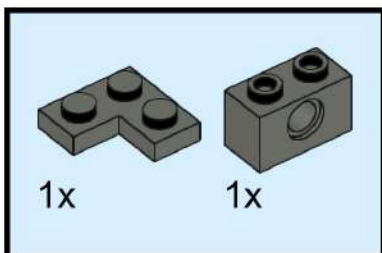
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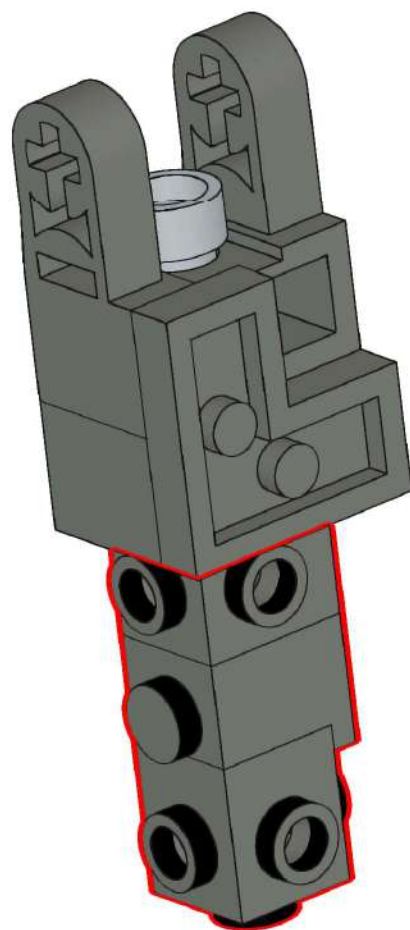
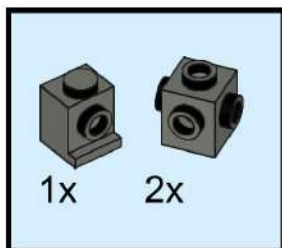
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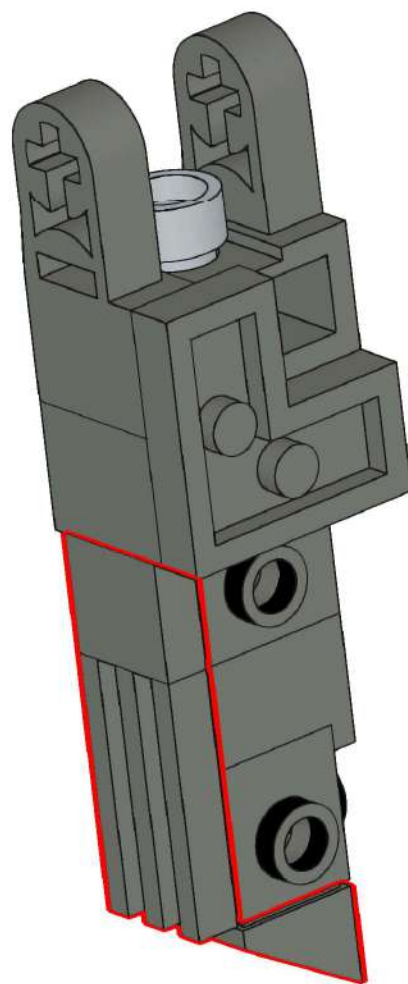
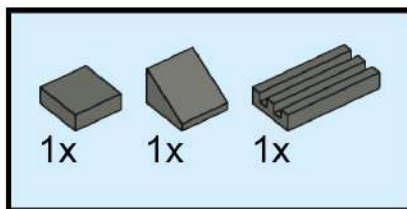
281



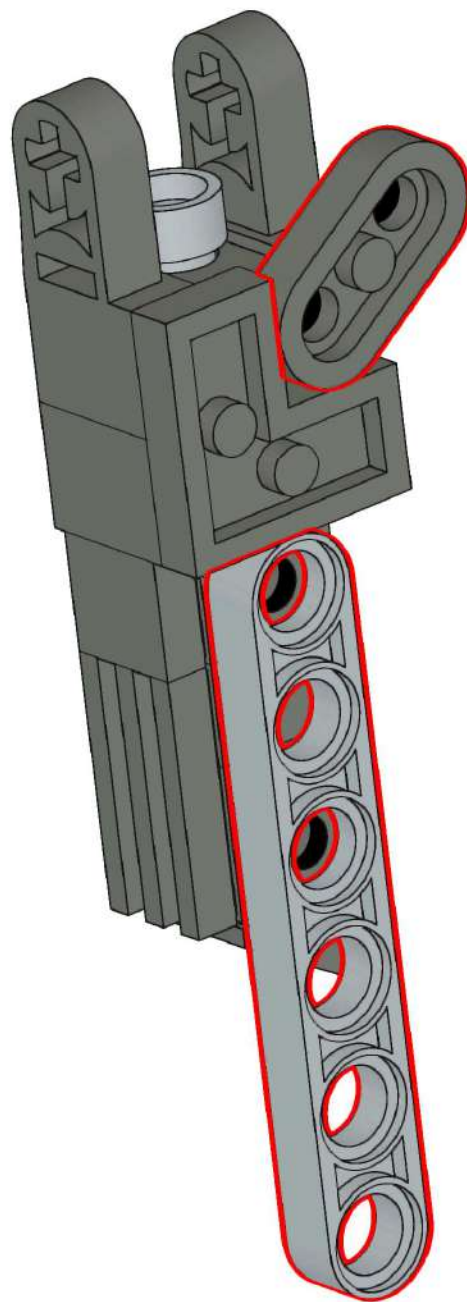
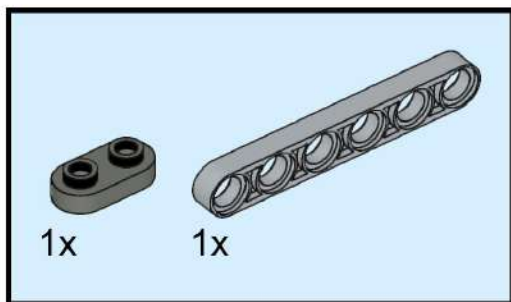
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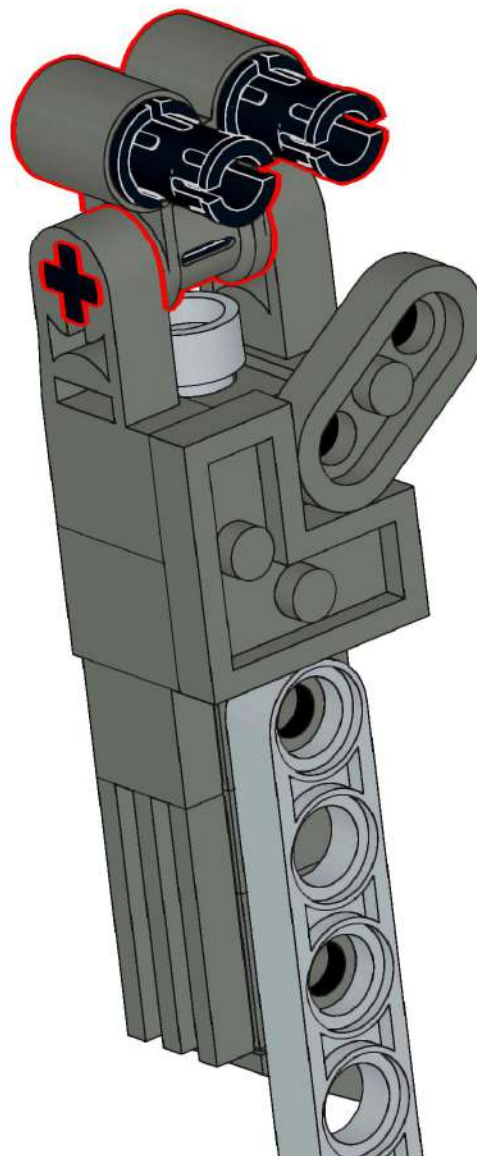
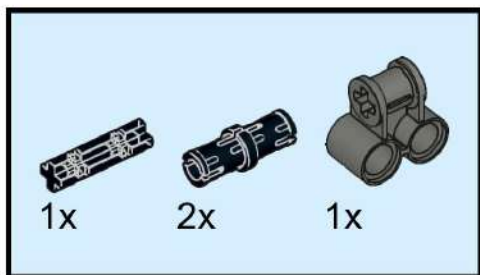
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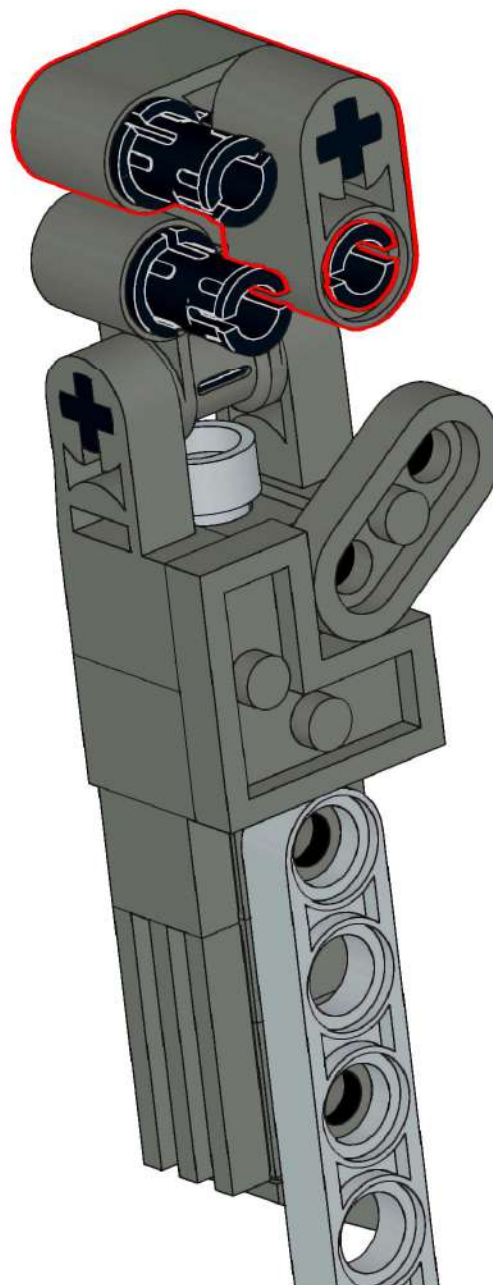
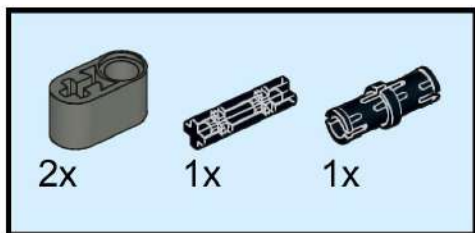
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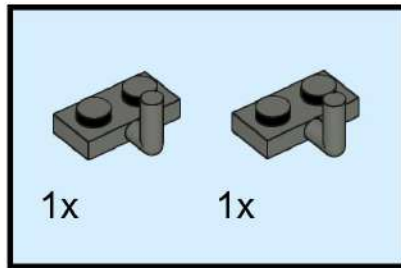
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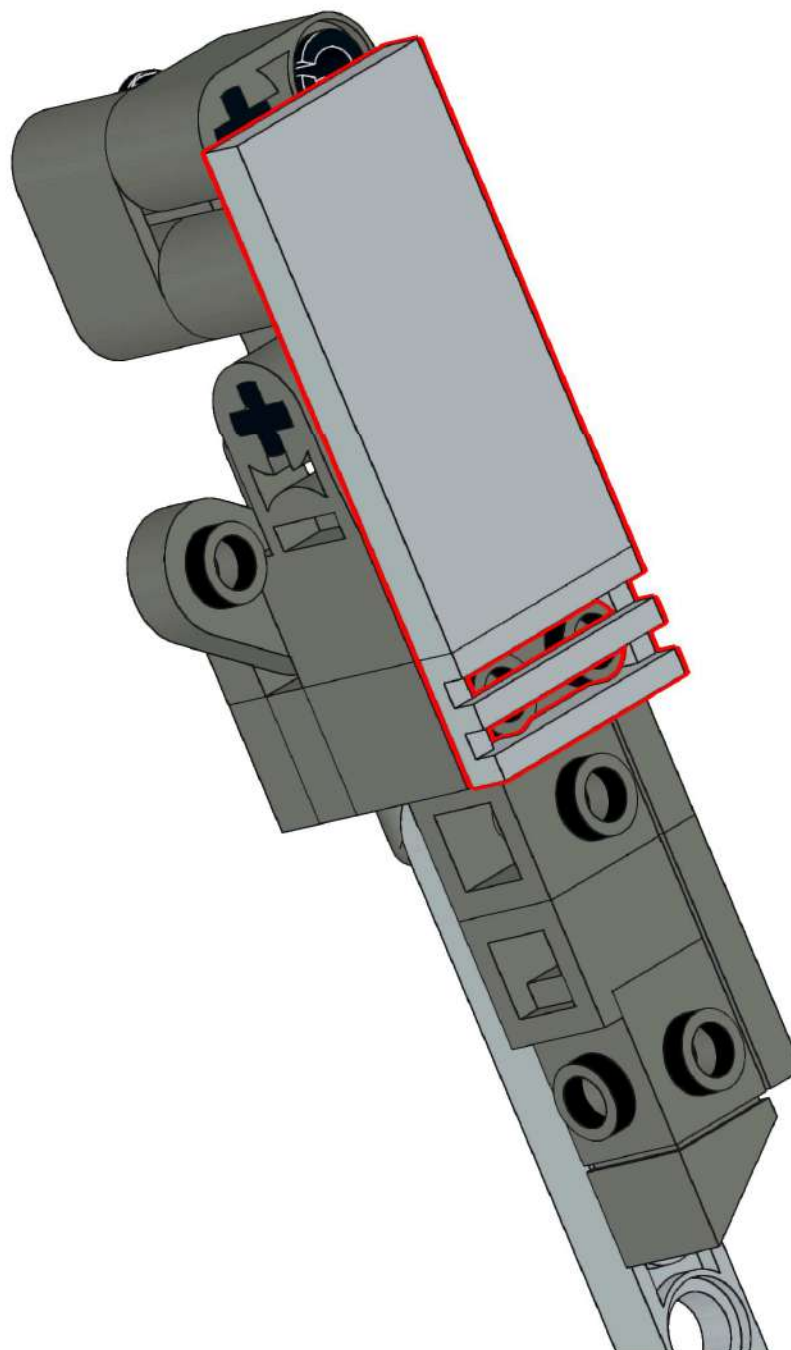
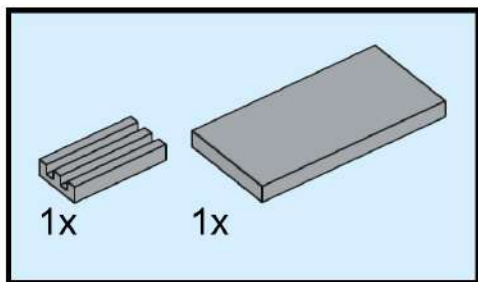
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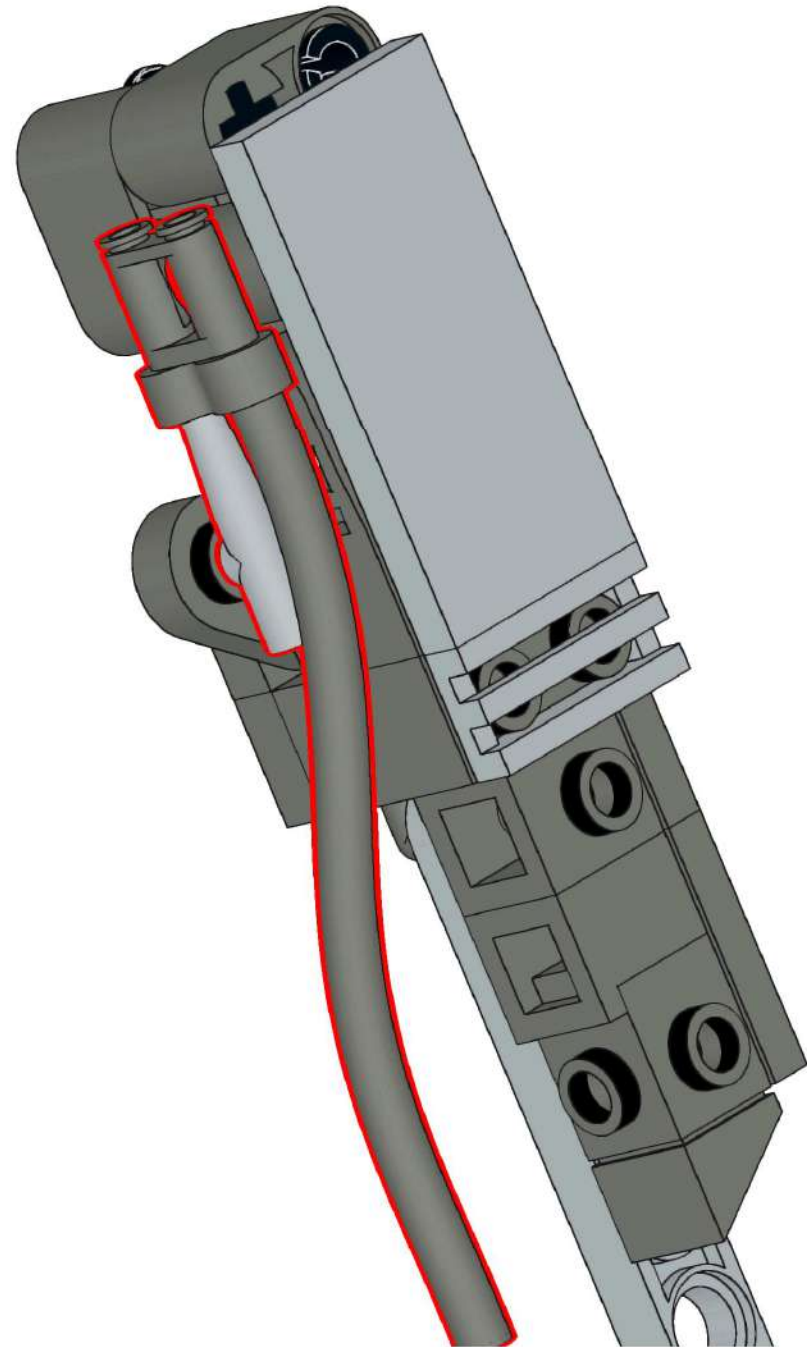
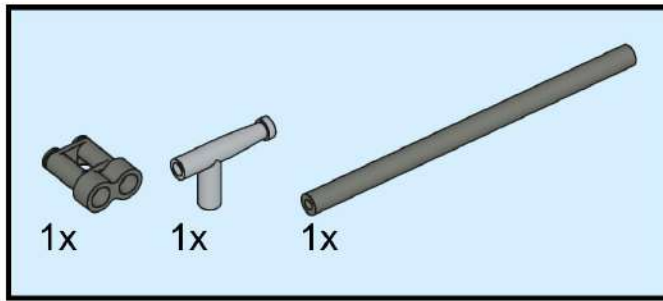
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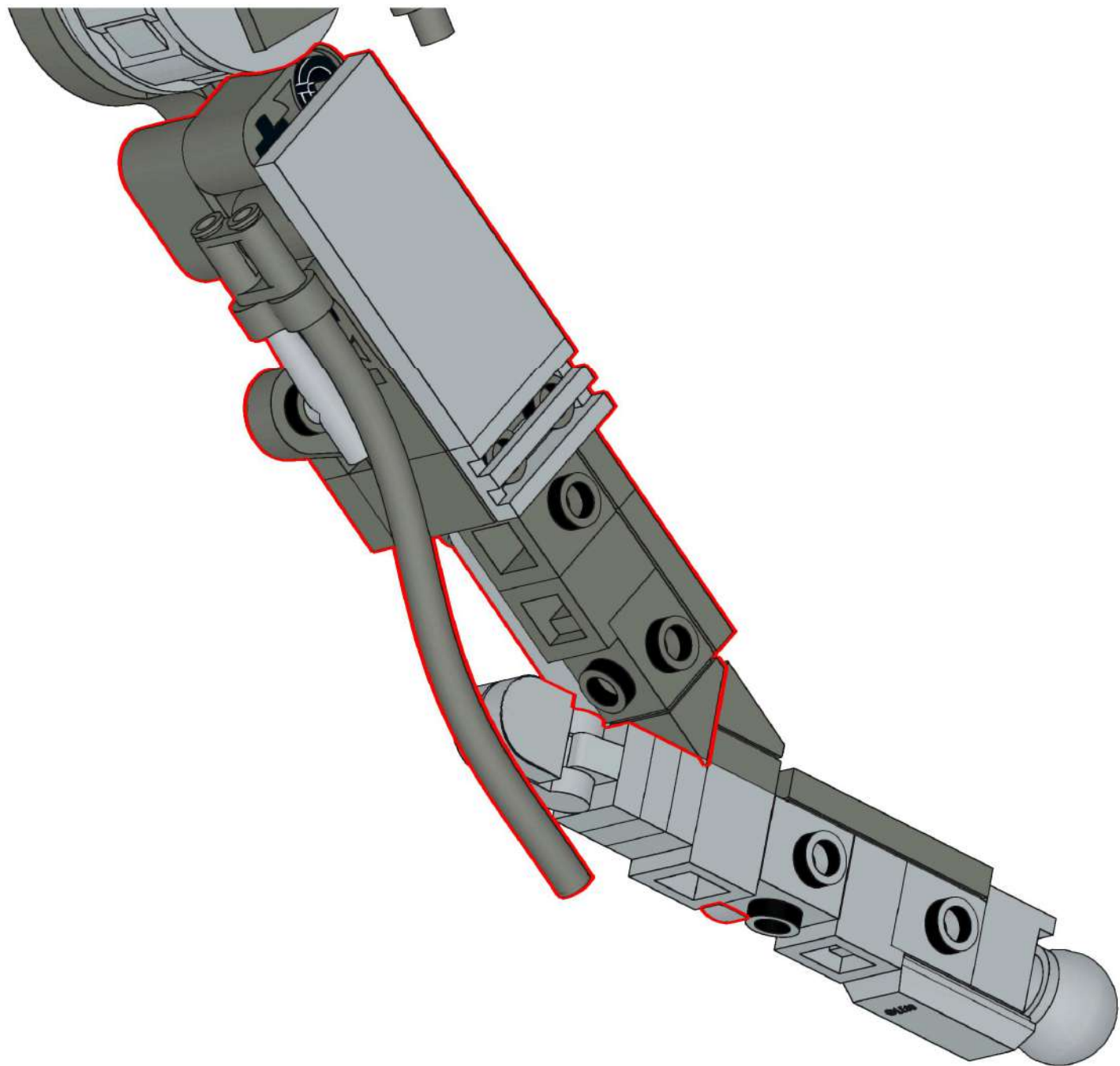
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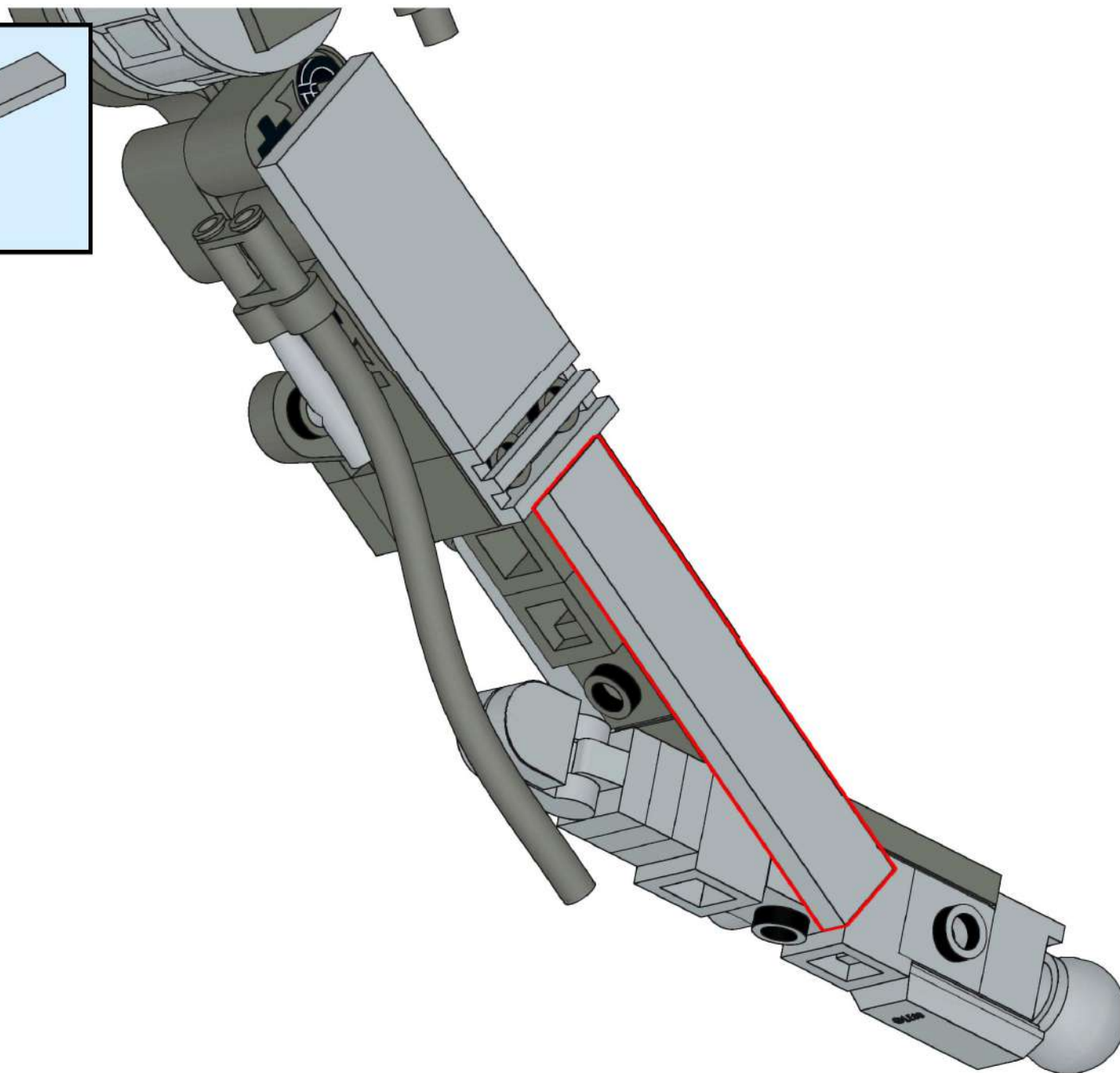
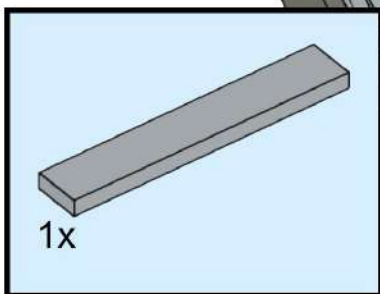
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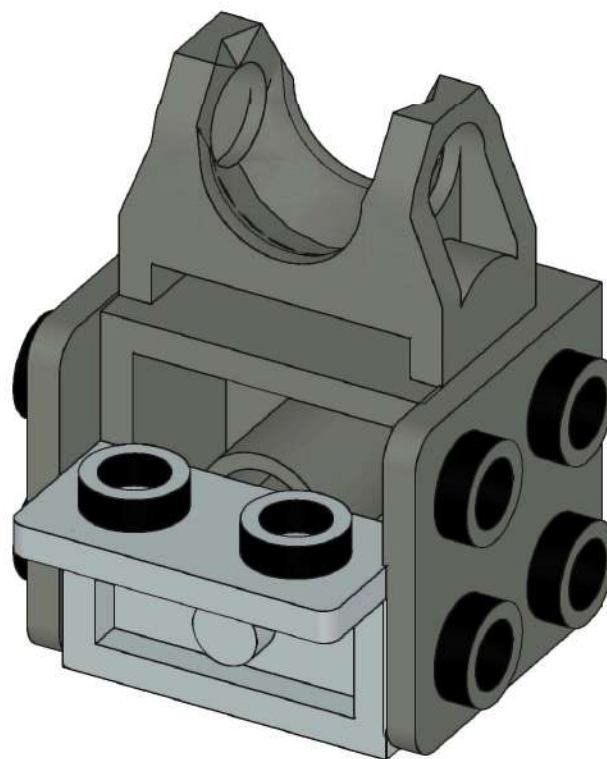
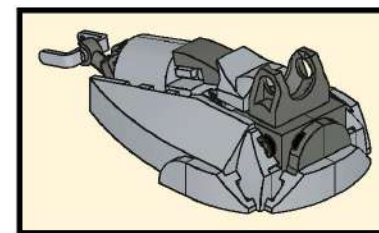
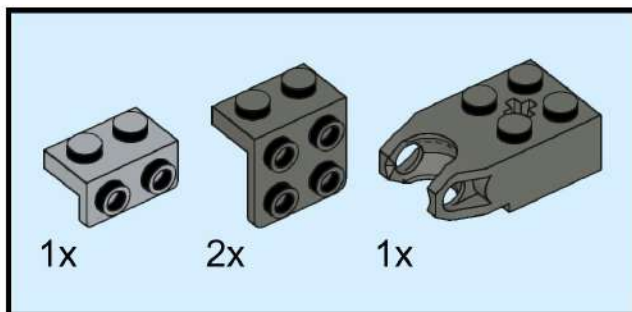
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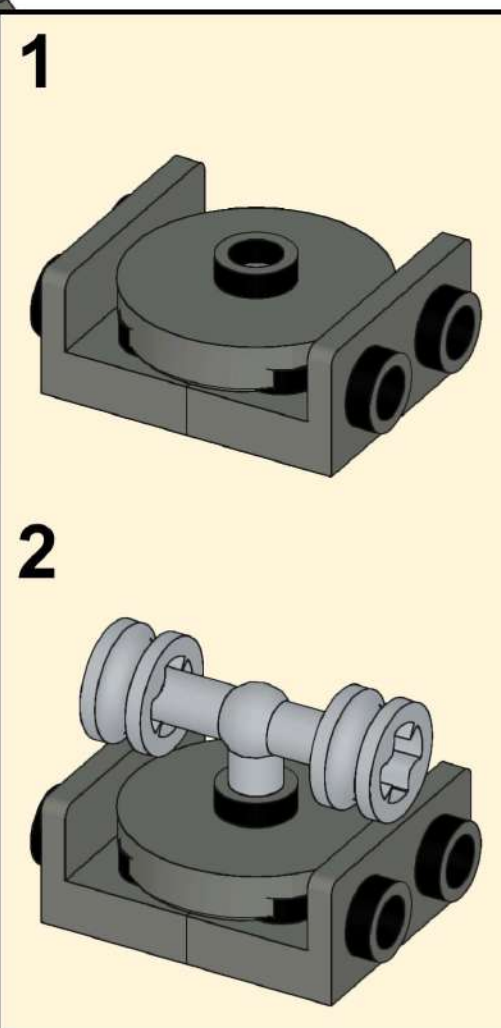
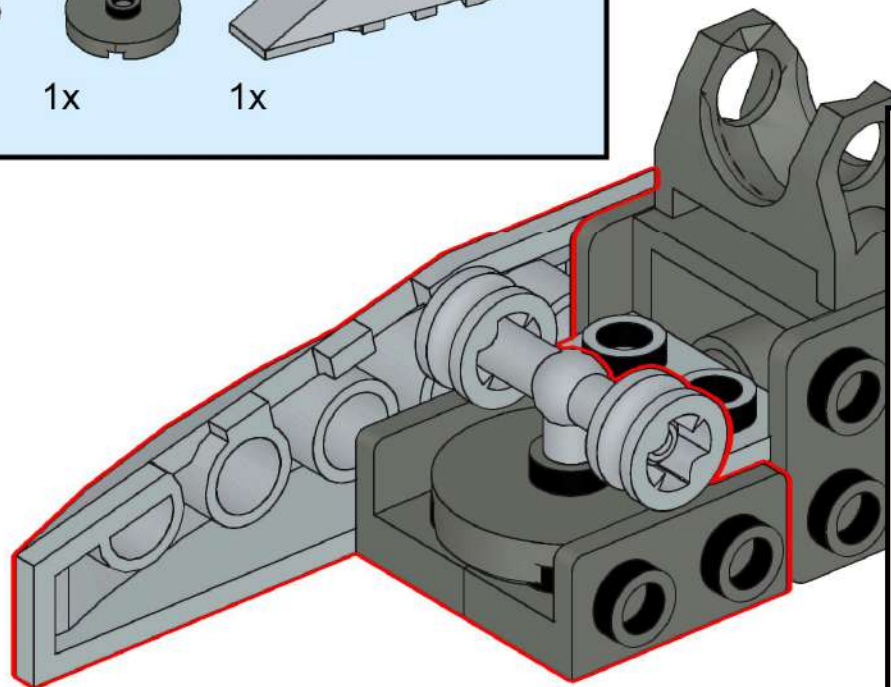
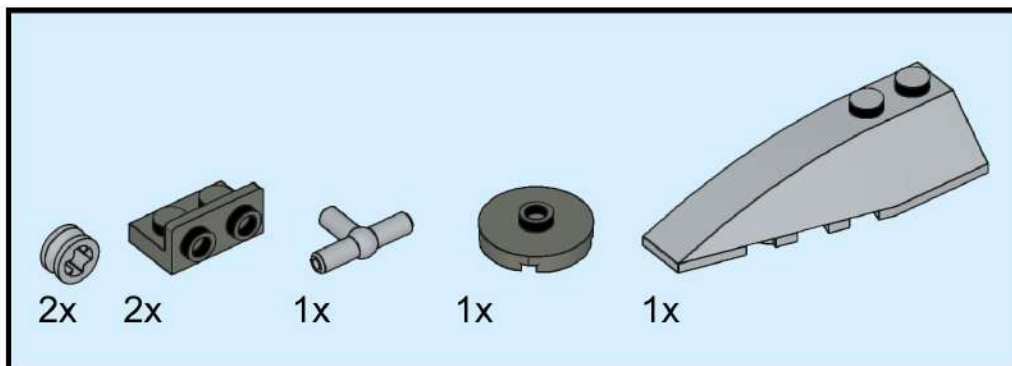
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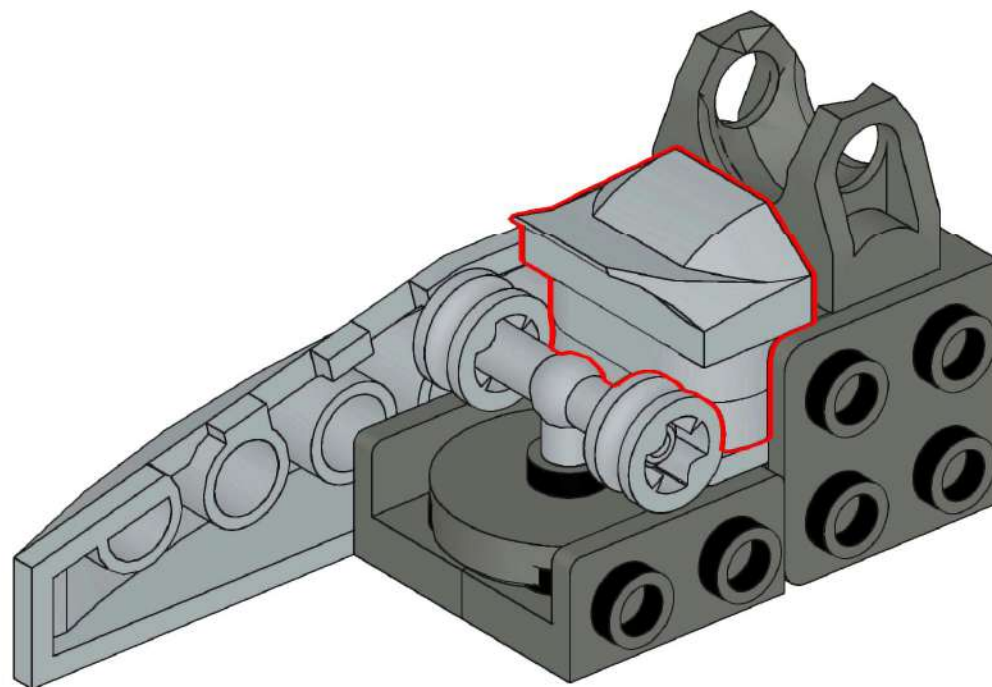
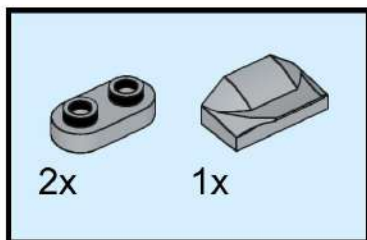
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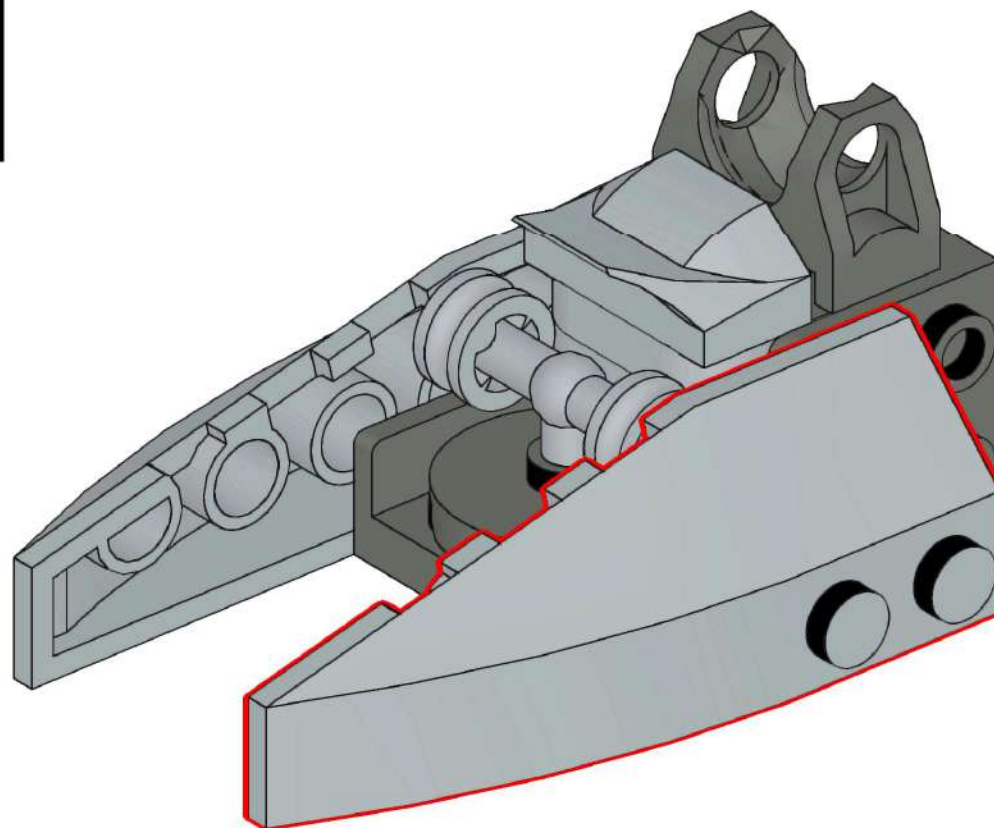
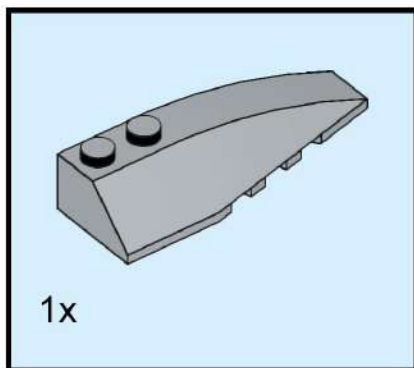
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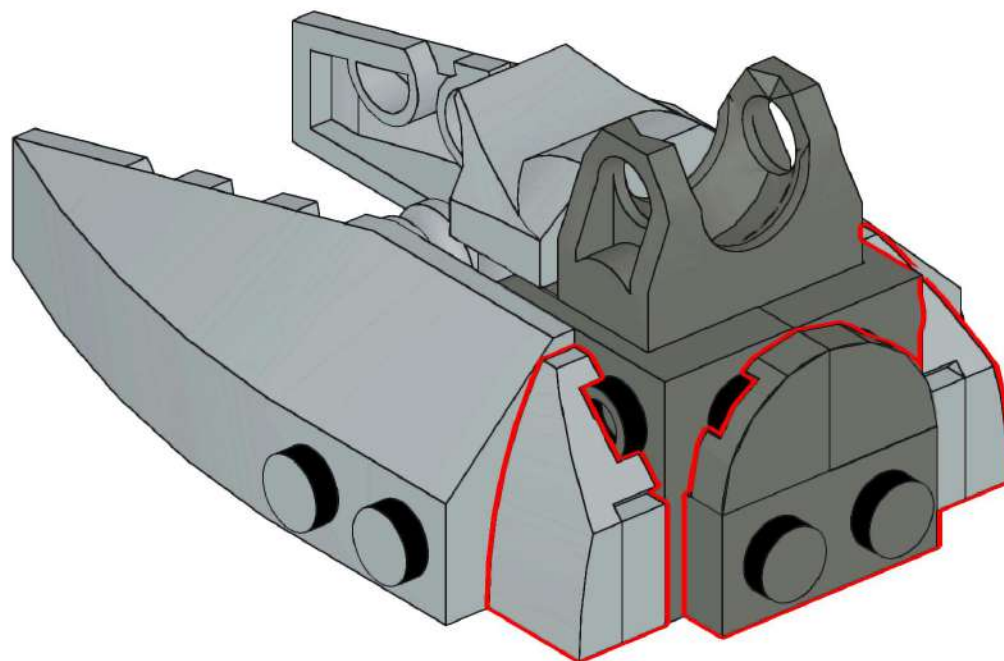
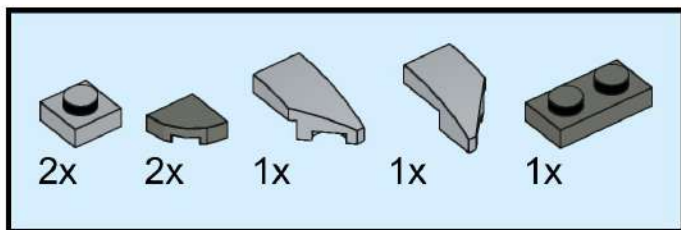
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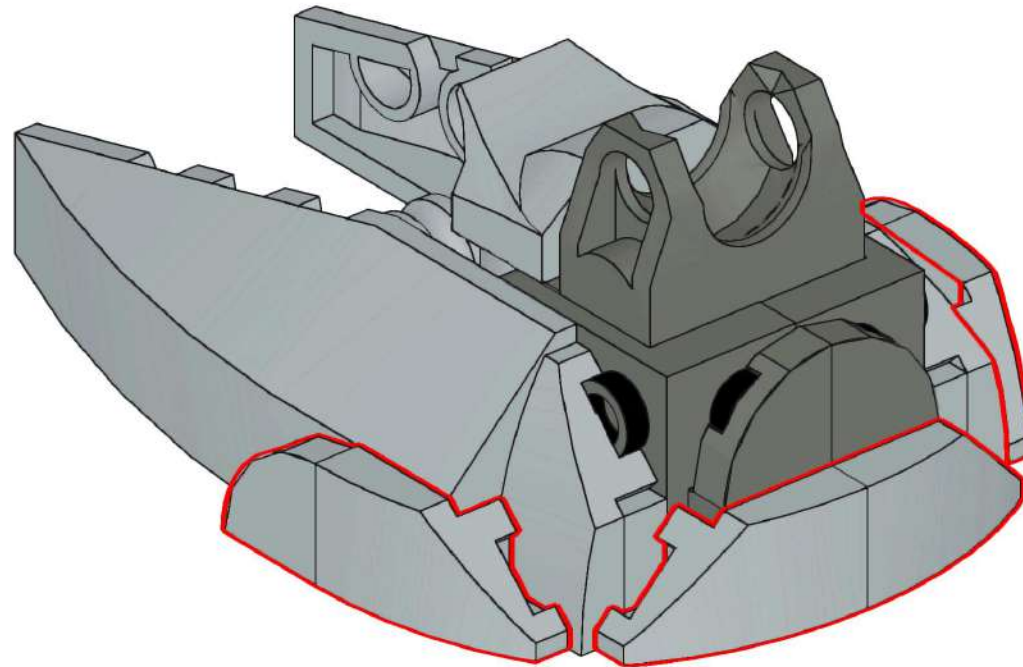
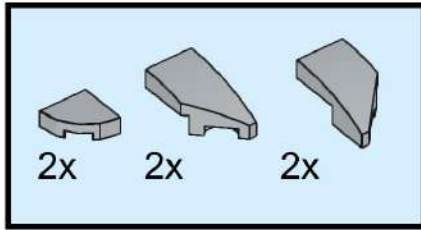
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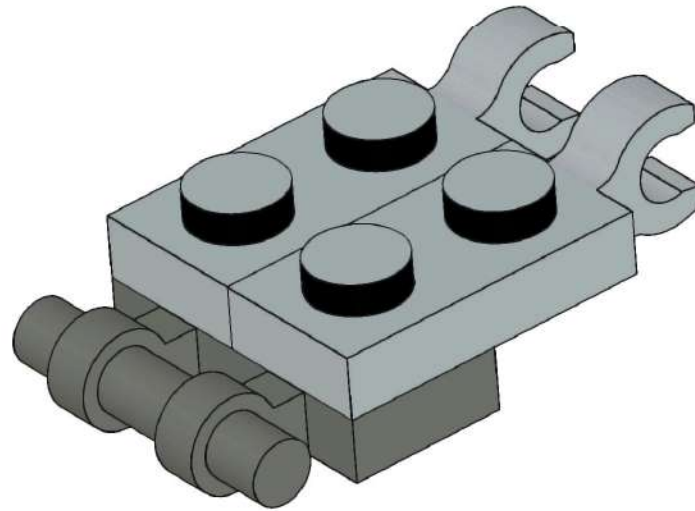
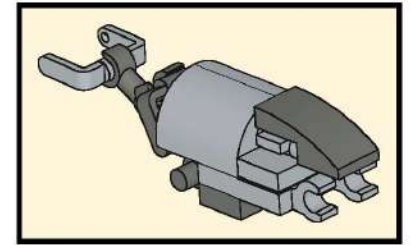
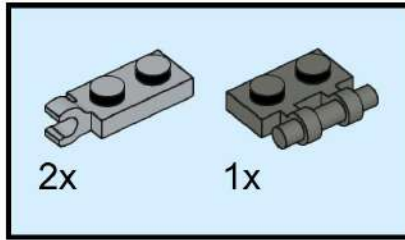
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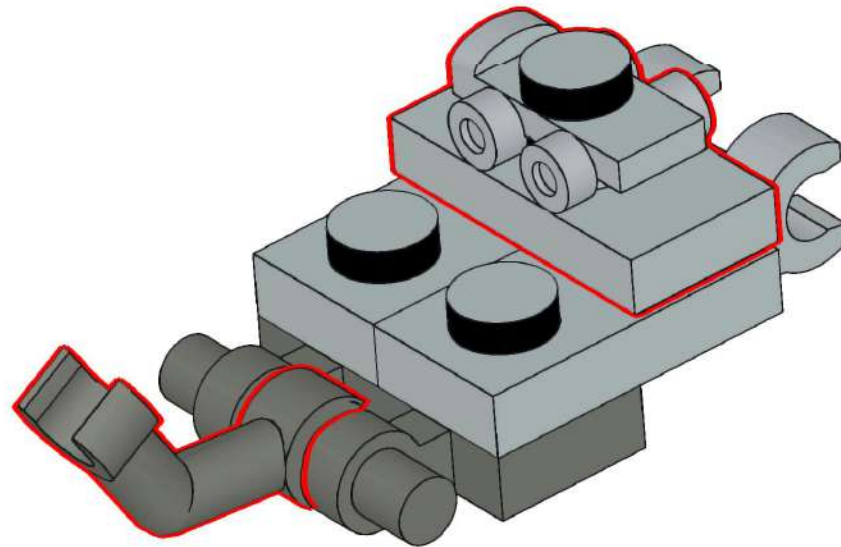
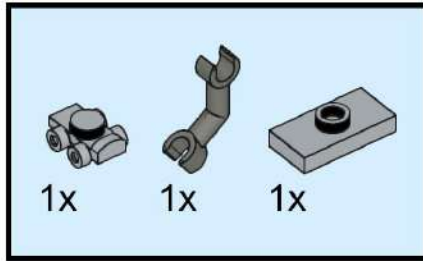
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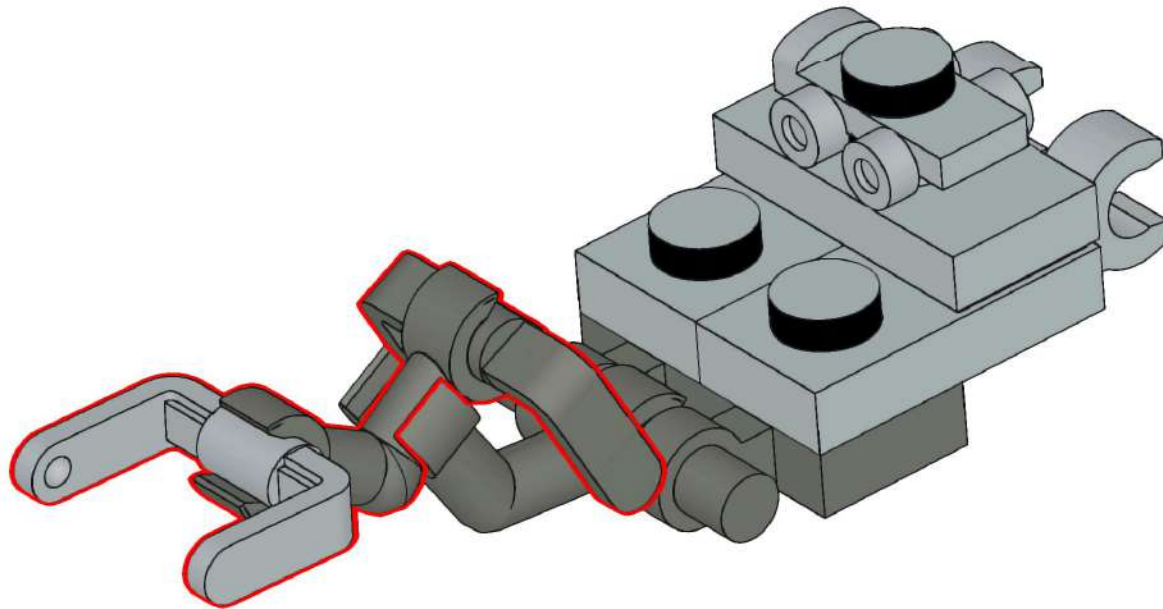
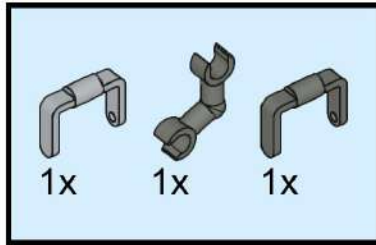
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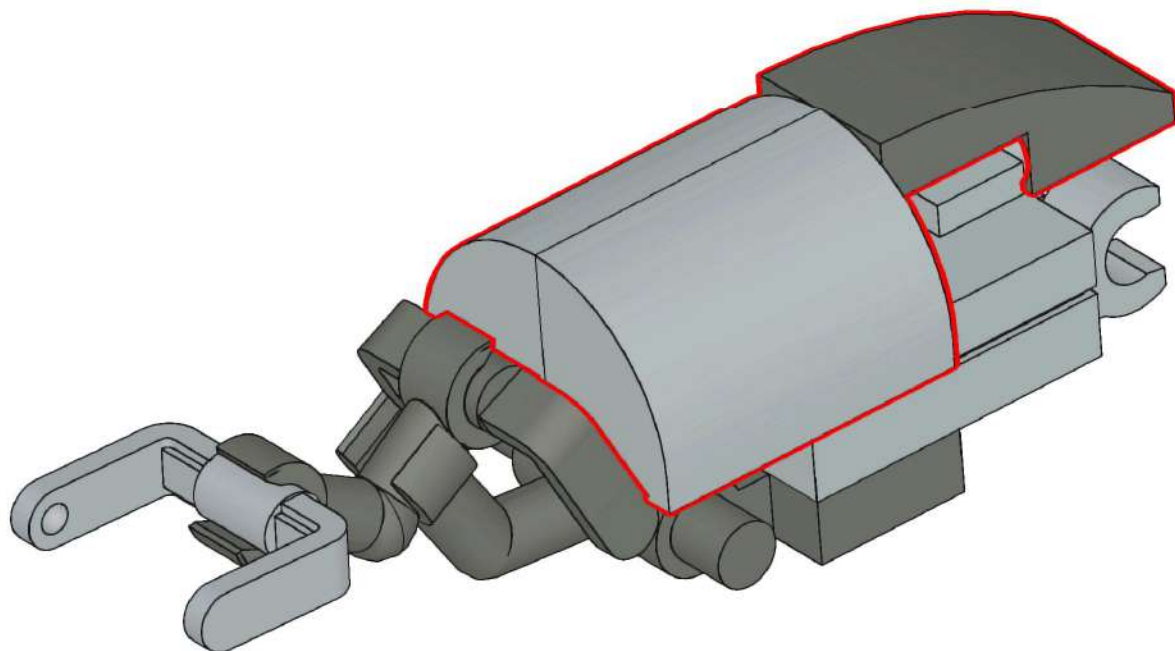
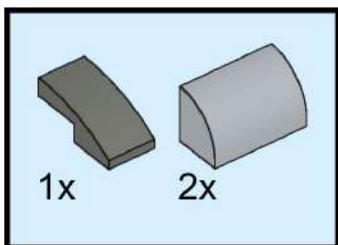
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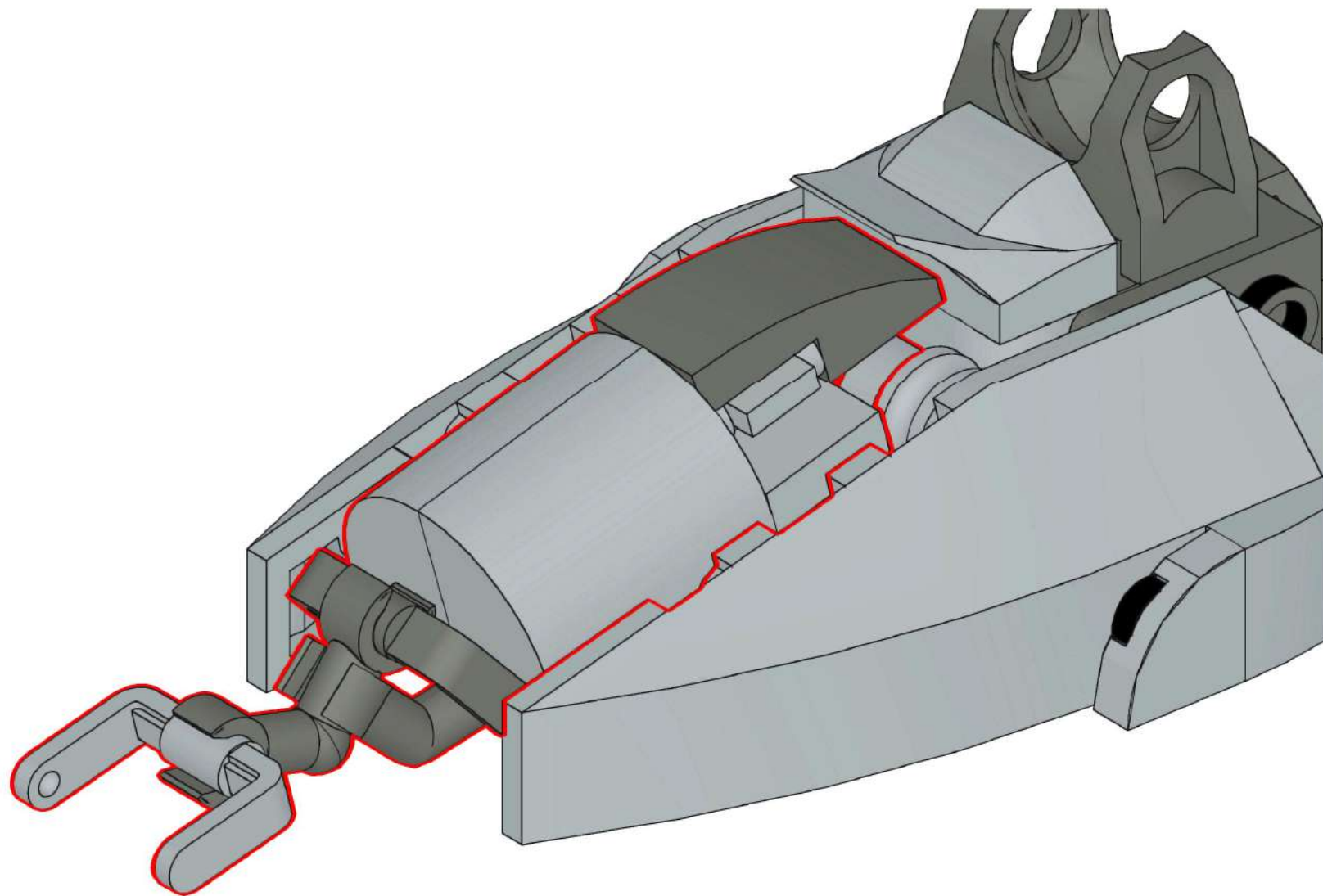
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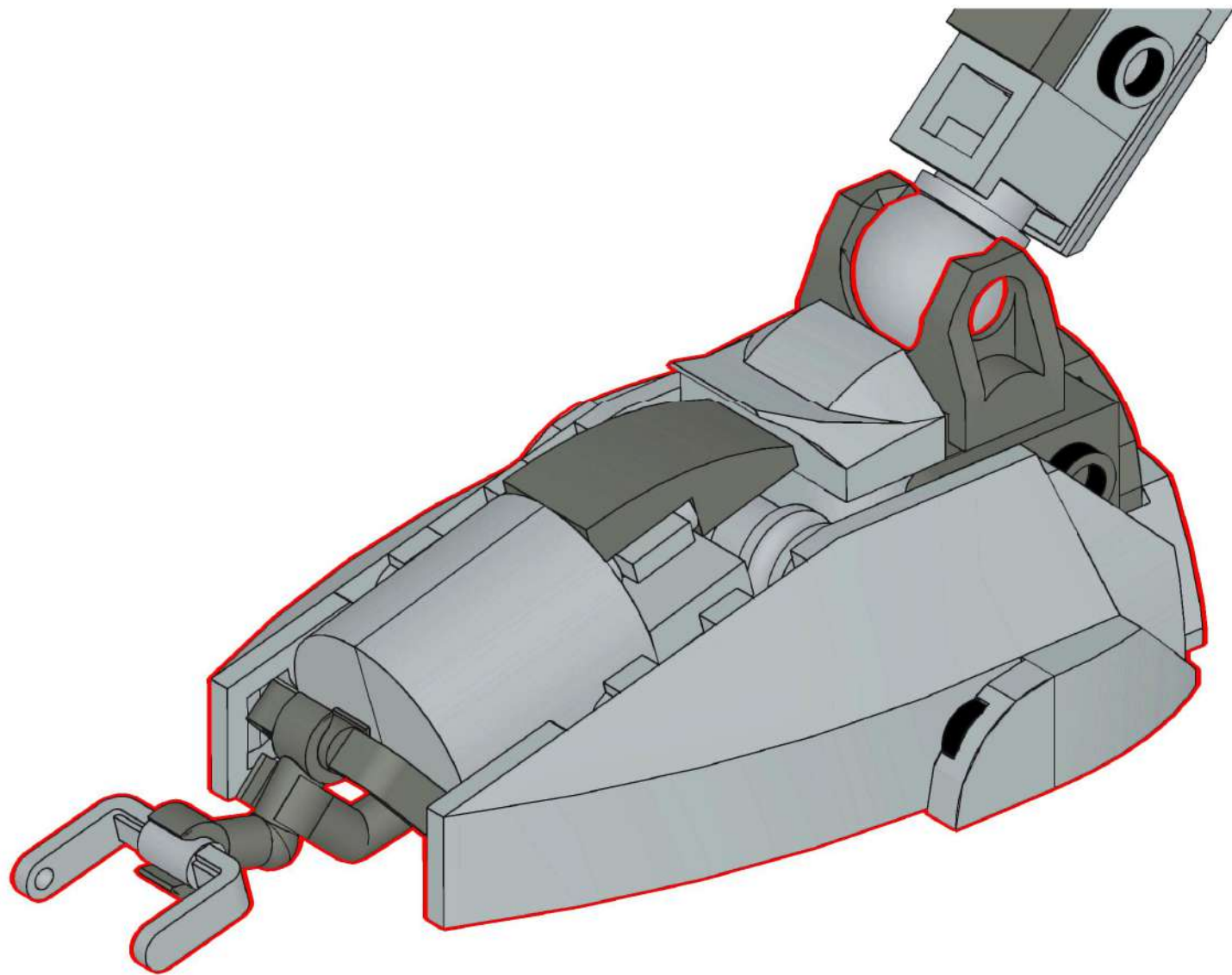
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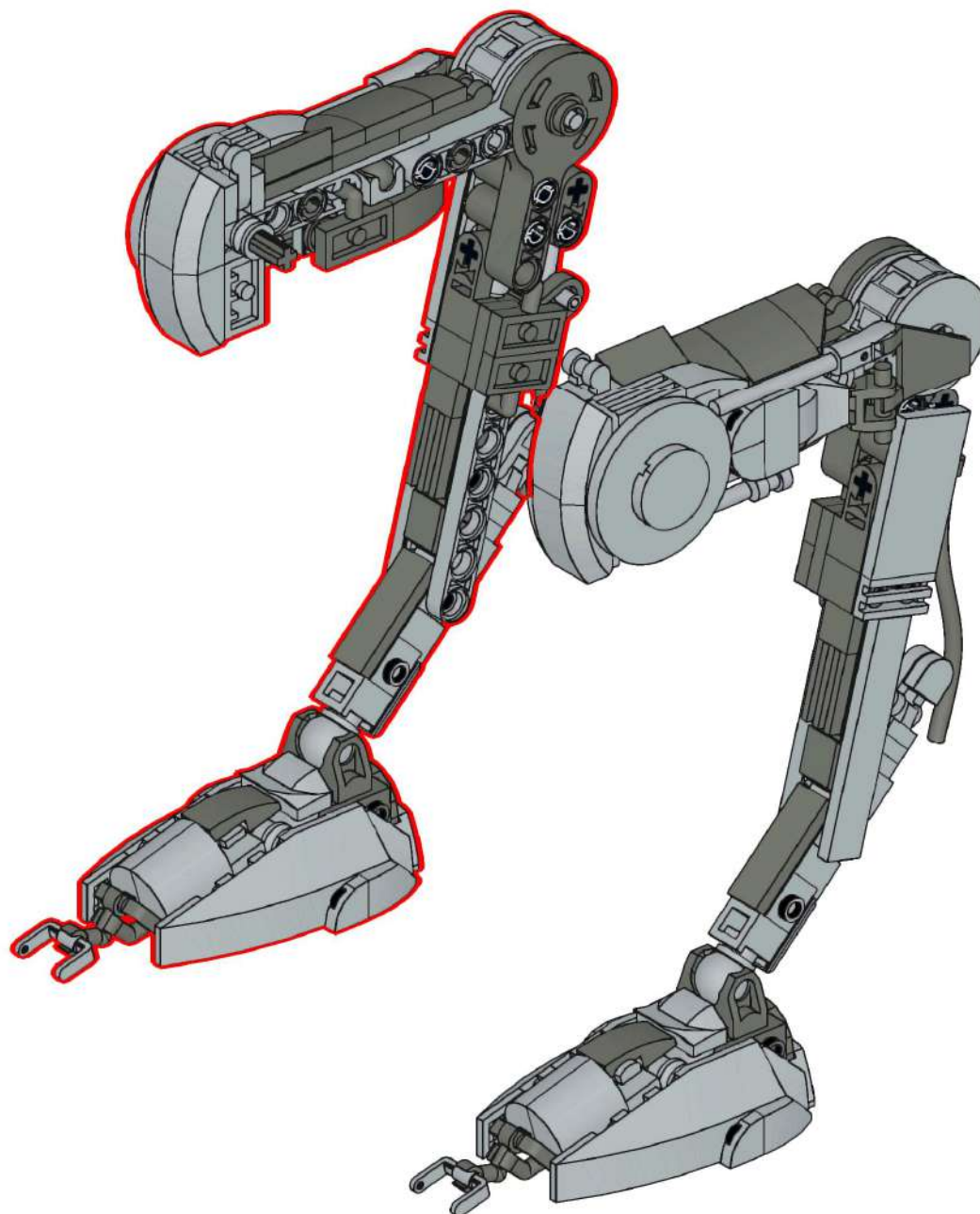
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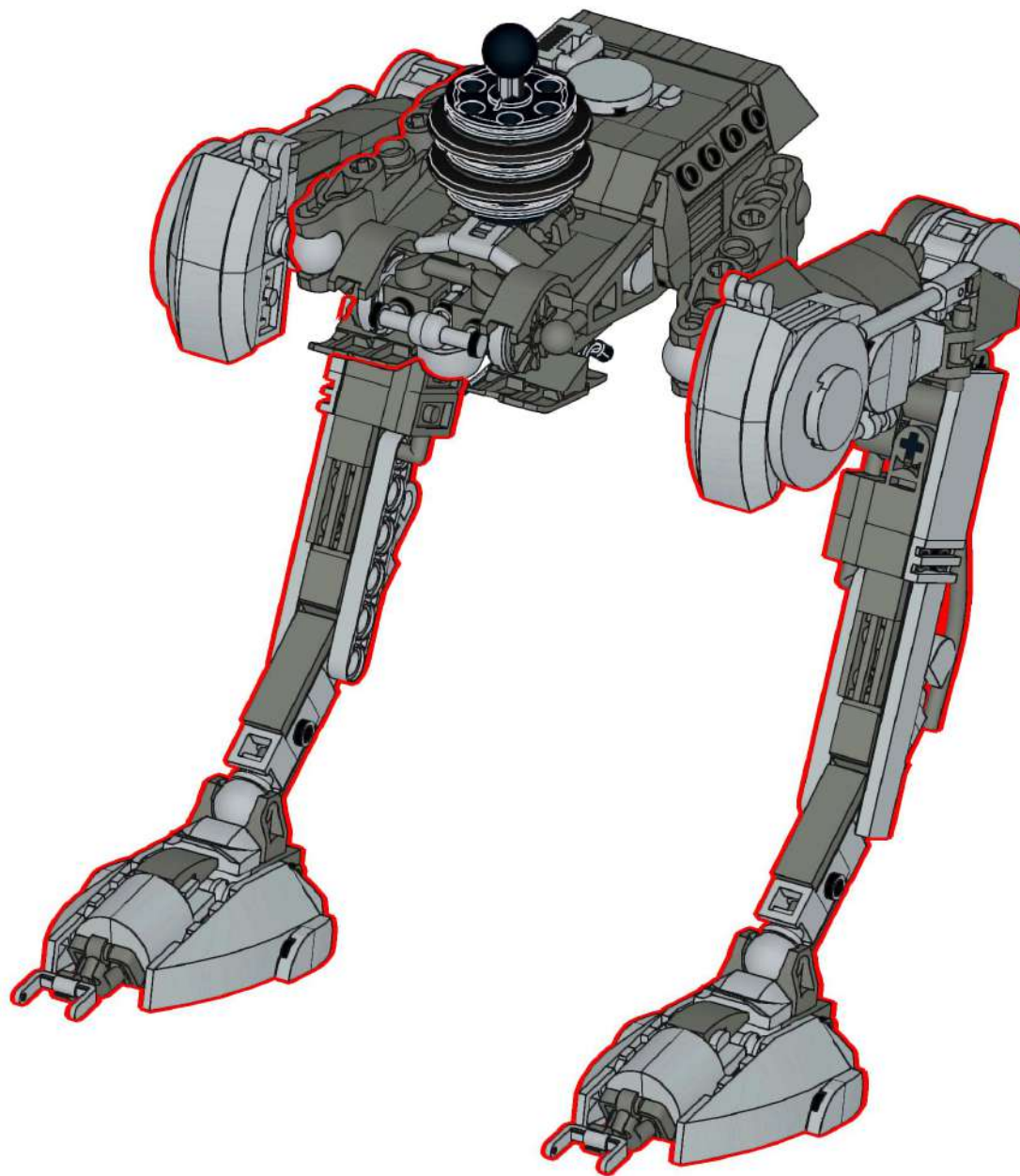
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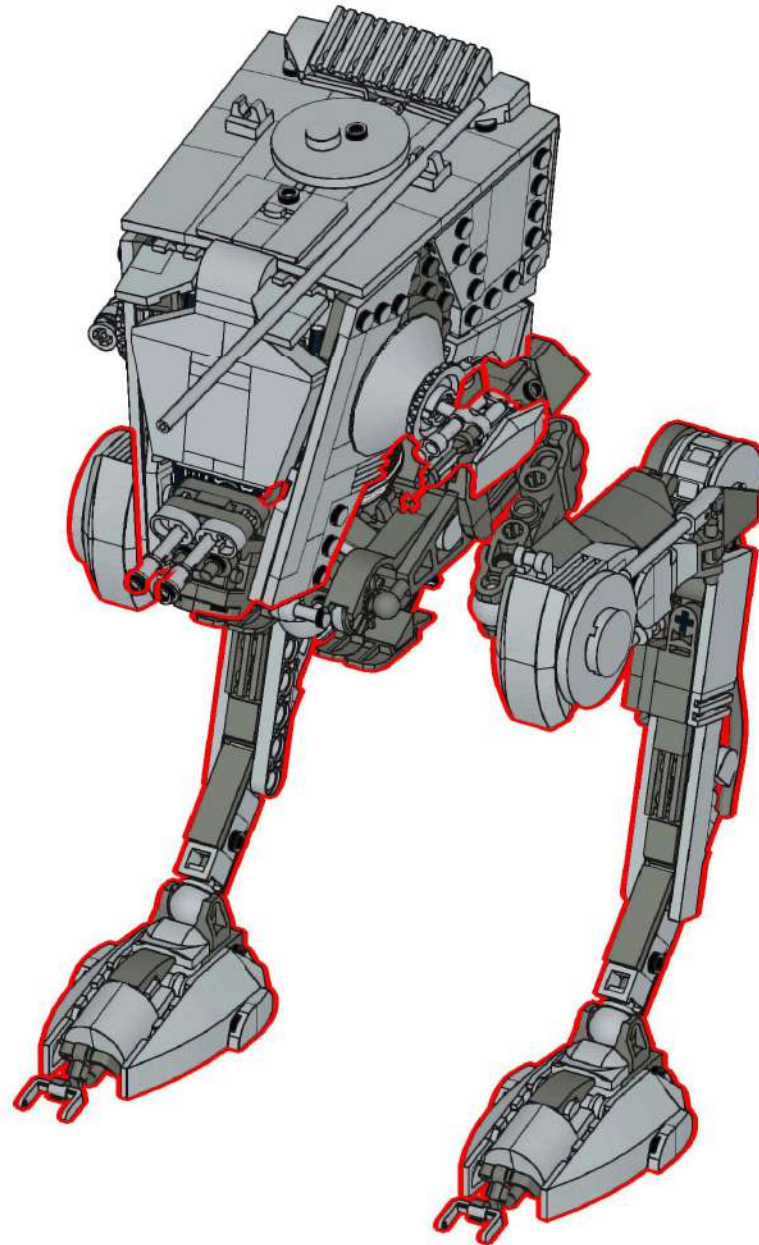
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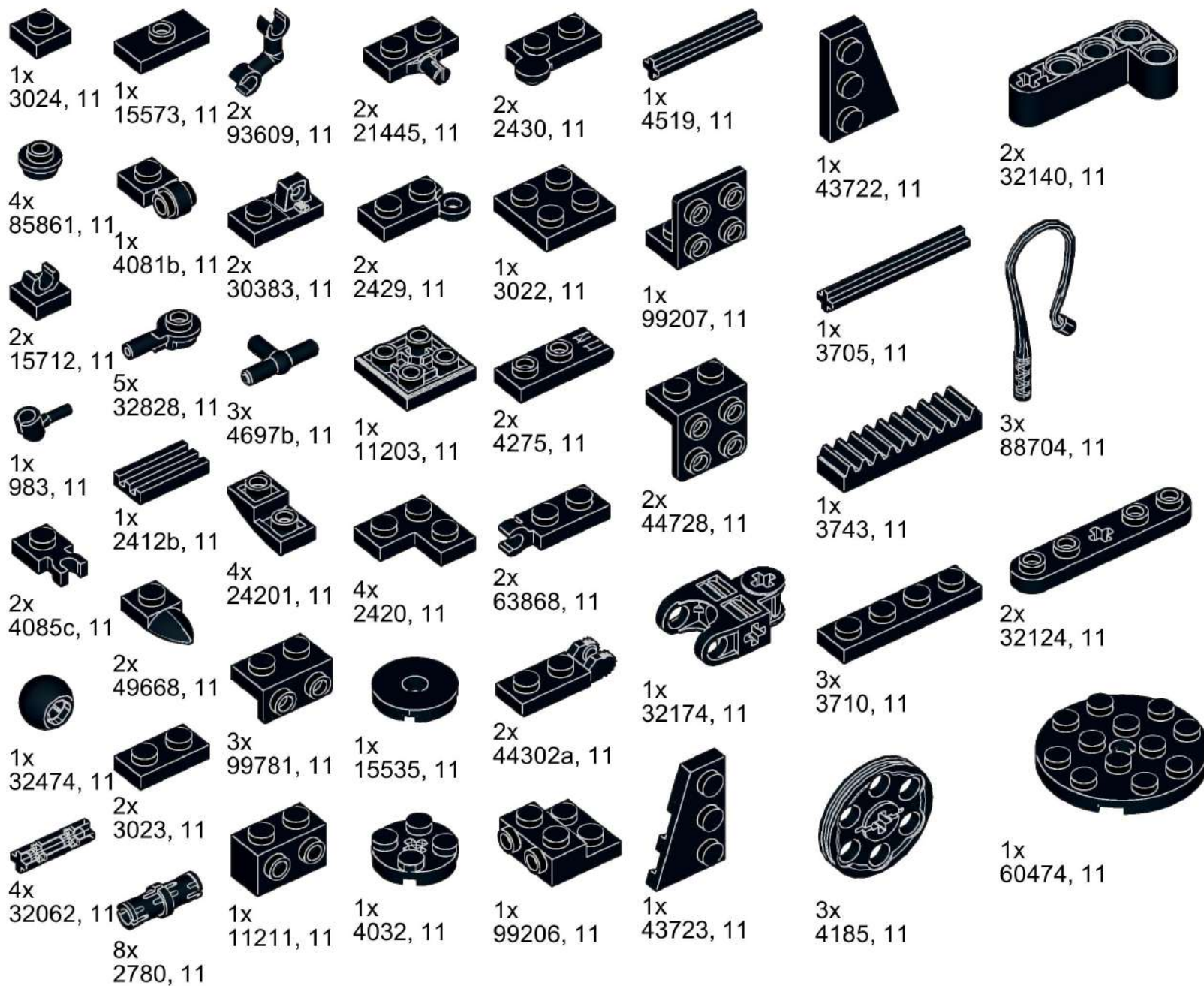


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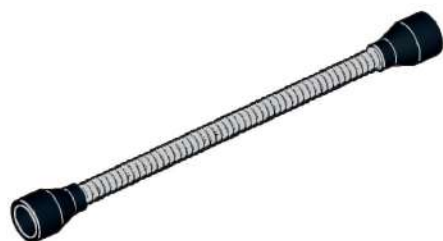
306







1x
32001, 11



1x
73590c03a, 11



10x
25269, 85



3x
3070b, 85

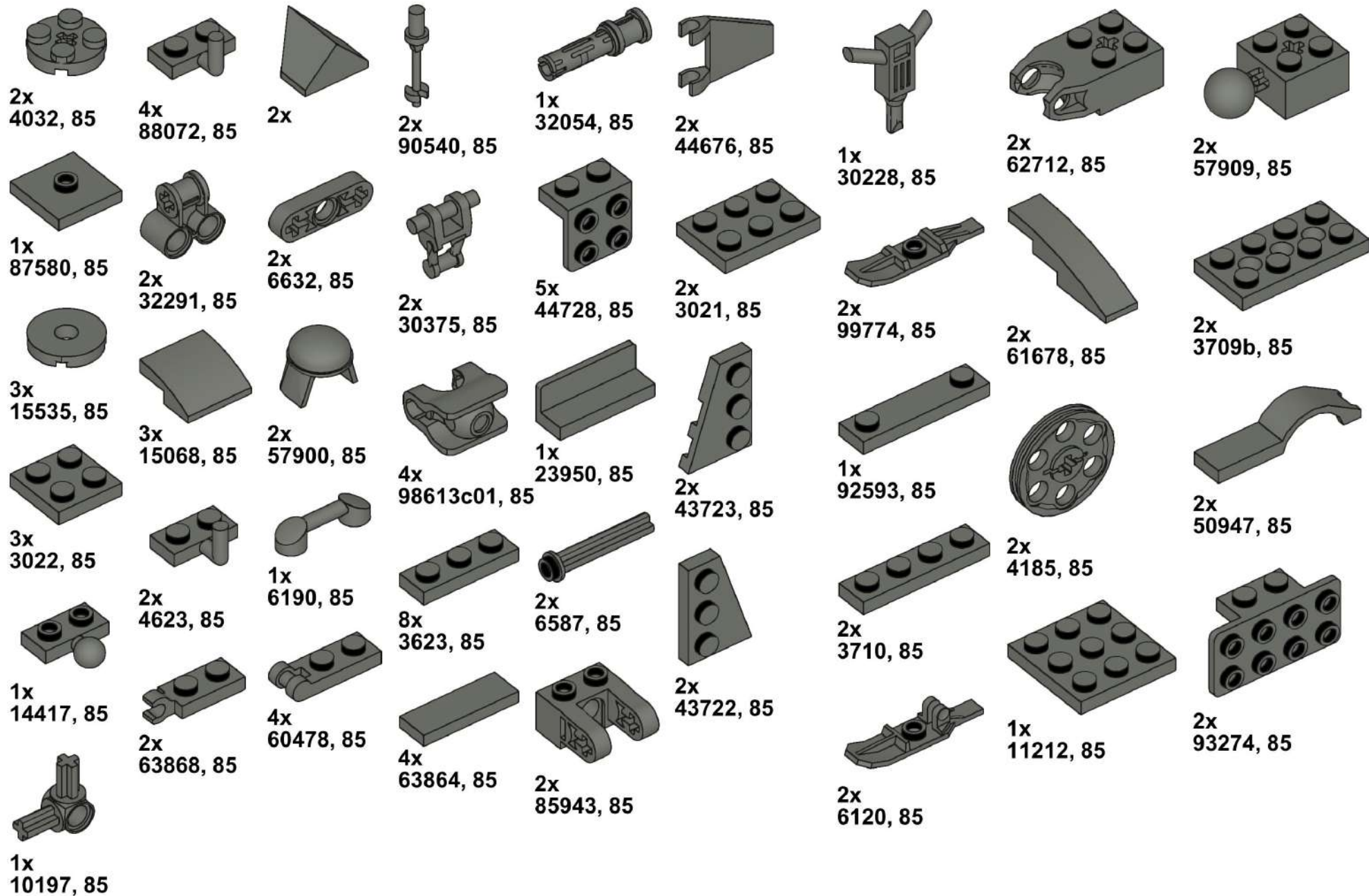


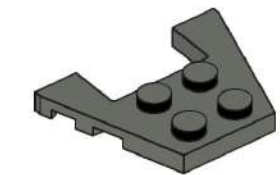
15x
3024, 85



6x
85861, 85







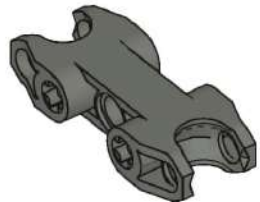
2x
48183, 85



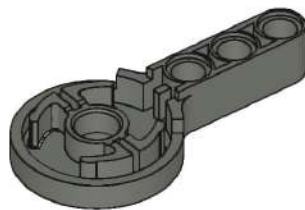
5x
3666, 85



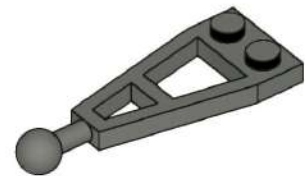
2x
75c07, 85



2x



2x
44224, 85



2x
2508, 85



4x
32065, 85



2x
63965, 85



2x
3032, 85



2x
3460, 85



7x
4265c, 86



6x
24246, 86



1x
98138, 86



6x
3070b, 86



12x
25269, 86



4x
93794, 86



2x
982, 86



2x
2736, 86



2x
47905, 86



2x
4073, 86



1x
6231, 86



3x
23443, 86



6x
26047, 86



8x
29119, 86



7x
85861, 86



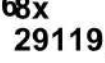
13x
11253, 86



3x
87087, 86



3x
92690, 86



4x
63069b, 86



28x
3024, 86



3x
30162, 86



2x
95344, 86



2x
4599, 86



11x
2412b, 86



1x
20482, 86



2x
981, 86



1x
4085c, 86



5x
36841, 86



2x
972, 86



8x
4274, 86



8x
4070, 86



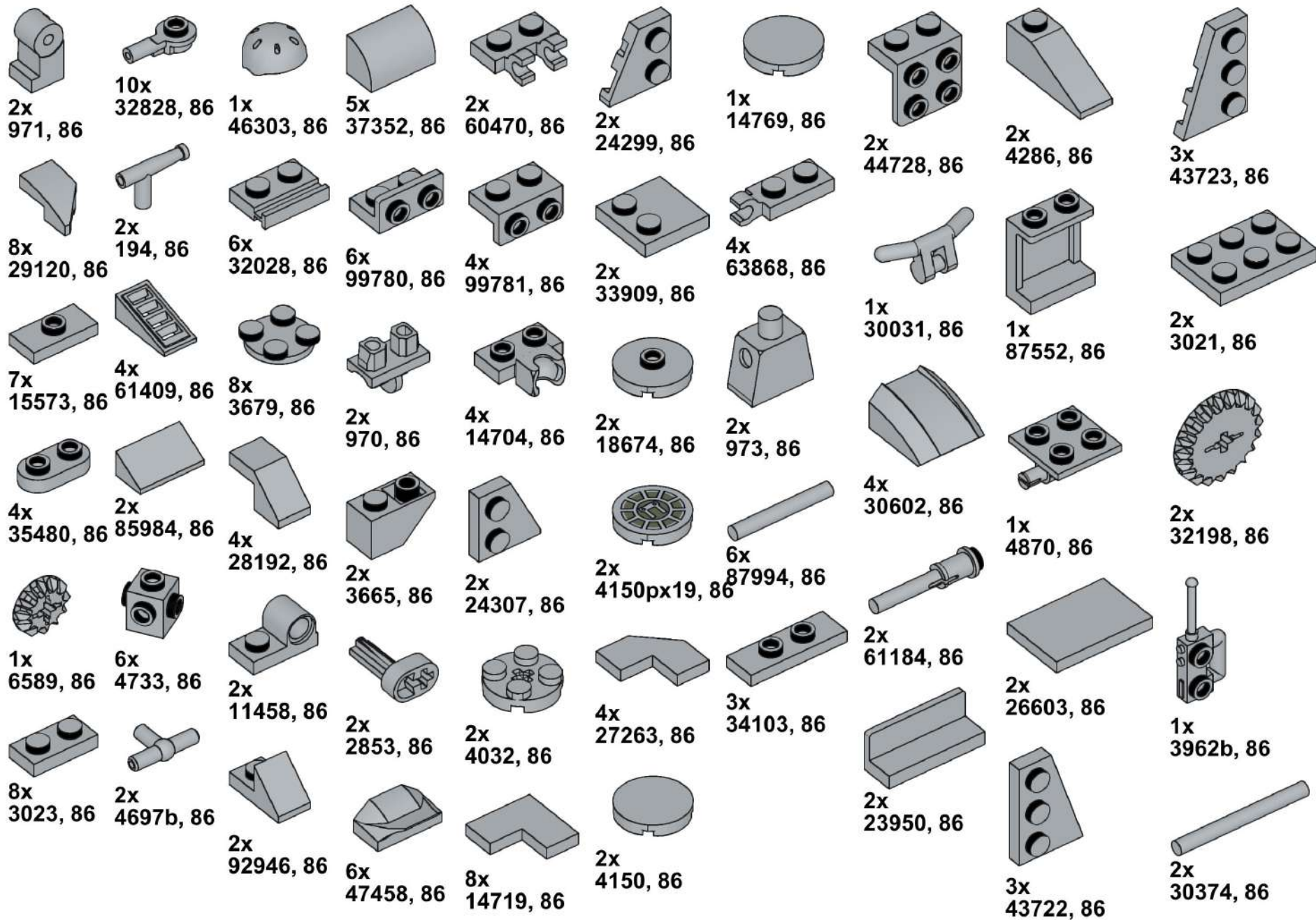
4x
32474, 86

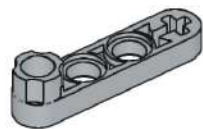


2x
42446, 86



2x

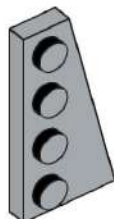




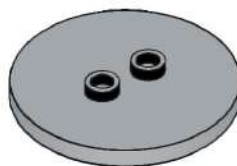
2x
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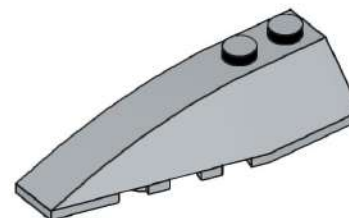
2x
98585, 86



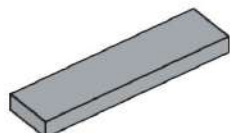
1x
41769, 86



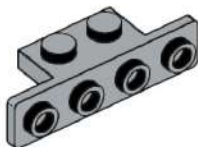
3x



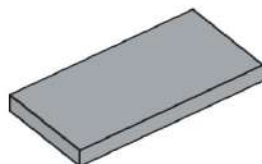
2x
41748, 86



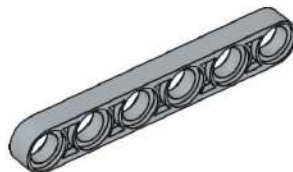
4x
2431, 86



2x
2436b, 86



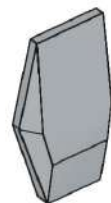
8x
87079, 86



2x
32063, 86



2x
6942, 86



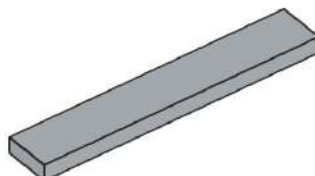
1x
28220, 86



2x
2449, 86



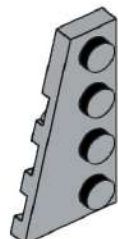
2x
93274, 86



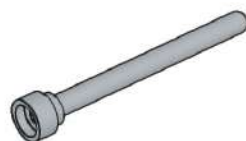
4x
6636, 86



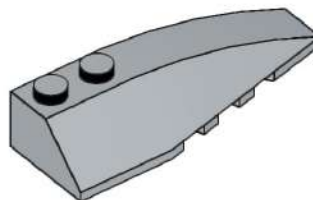
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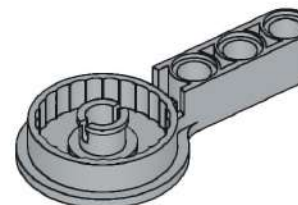
1x
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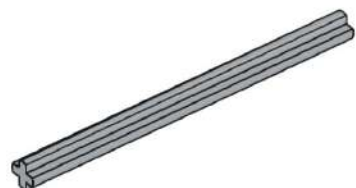
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3957, 86



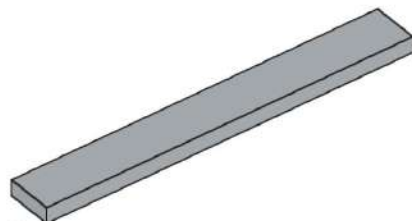
2x
41747, 86



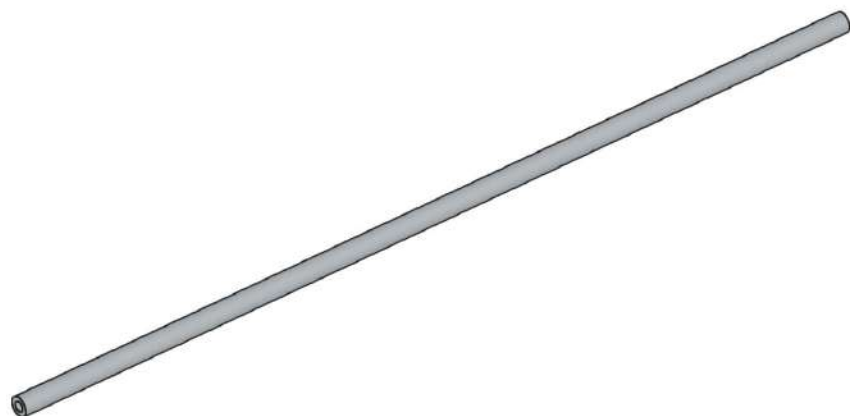
2x
44225, 86



1x
44294, 86



2x
4162, 86



1x
75c18, 86



2x
3024, 88



2x
2412b, 88



2x
3749, 7



2x
11477, 88



3x
6558, 7



2x
95344, 69



2x
3023, 13



1x
85984, 69



11x
4073, 46



2x
3626b, 90



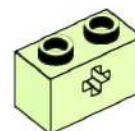
4x
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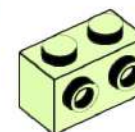
1x
43093, 7



1x
60849, 46



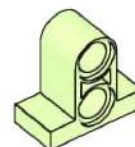
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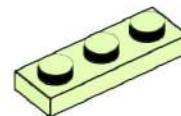
2x
11211, 46



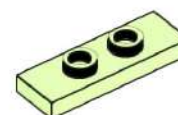
6x
4032, 46



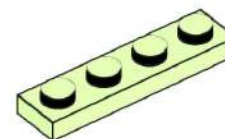
1x
32530, 46



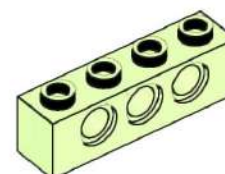
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3623, 46



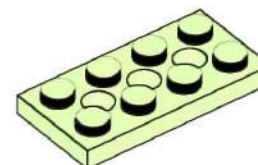
1x
34103, 46



1x
3710, 46



2x
3701, 46



1x
3709b, 46



2x
70162, 11