

The BrickGun Book

Build the World's Most Realistic LEGO® Handguns

jeff boen



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WARNING

Adult supervision is required. These models are not suitable for children under the age of 12.

The MAC-11 shoots rubber bands. When firing the MAC-11, always wear eye protection. For maximum safety, carry the MAC-11 unloaded. A replica may fire when dropped or hit.

Be particularly careful when handling these models in public because they have been mistaken for real weapons. If you take your LEGO gun out in public, add a bright orange tip to the muzzle to show that it's not the real thing.

DEDICATION

To Jeff Jezek, wherever you may be, for putting up with my only wanting to play with LEGO every time I came to your house.

To my mom for buying my first set after Jeff would no longer let me come over.

And to Drac for giving me the 8880 Super Car on my 28th birthday, without which I never would have found my way back to the happiness that came when I first clicked two bricks together at age 6.

ACKNOWLEDGMENTS

This book would not have been possible without the fantastic communities on LDraw and LUGNET. James Jessiman and Terry Keller deserve special appreciation, as they made me realize it's okay to love LEGO as an adult.

I'd like to thank everyone at MOCpages. Hearing their praise and seeing other people's fantastic creations always pushed me to make mine better.

I'd also like to thank Fark.com. Their "Cool" link to my first posted model in 2001 is what started the ball rolling. I now forgive you guys for melting my server.

And lastly, I'd like to thank everyone who supported BrickGun with blog posts, emails, and links over the years, especially those of you who purchased building instructions and models. I didn't set out to do anything special, but all of you have made it just that.

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INTRODUCTION

Welcome to the official BrickGun book! I created BrickGun.com's first ultra-realistic LEGO handgun model back in 1999. Since then, I have designed 10 models, and I've learned an amazing amount about how to make designs lifelike, accurate, and strong. In this guide, you'll find the history of how I created and refined my first model and how I create models today. I'll also show some building techniques to help ensure your models are constructed correctly and as sturdily as possible, no matter what you're creating.

But the bulk of what you'll find is exactly what you came for: detailed, step-by-step instructions for five of my most popular models. The instructions are in full color and easy to follow, just like the ones you find in official LEGO sets. Parts lists in both text and graphic formats are provided at the start of every model, so you'll know exactly what you need before you start building.

You'll start with the basics with the BG22. The components, build order, and especially the internal mechanical functions carry over to the 92FS, Desert Eagle, and 1911, so building the BG22 first will lay the groundwork for the other models. You'll get into more complex and detailed models with the 92FS and the Desert Eagle. Then, you'll build the 1911, by far the most technical build in this book, where you'll manage to use practically every millimeter of internal space to make the model function yet maintain the iconic look of the real thing.

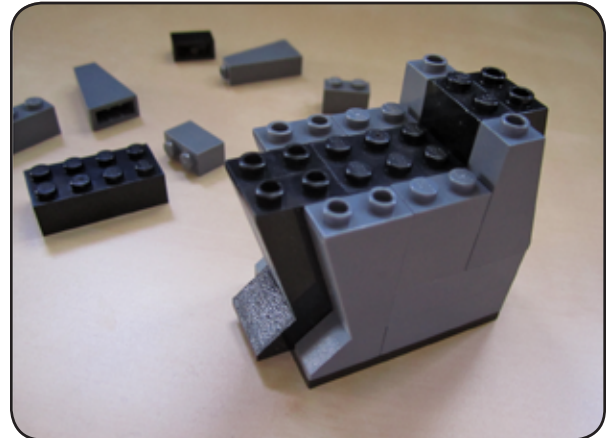
Finally, I'll show you how to create a rubber-band shooter that looks identical to a MAC-11 submachine gun. You'll see the complex engineering involved in creating a model that can fire rubber bands semi-automatically while keeping it life-sized with many real-world details.

So what are you waiting for? Let's get building!

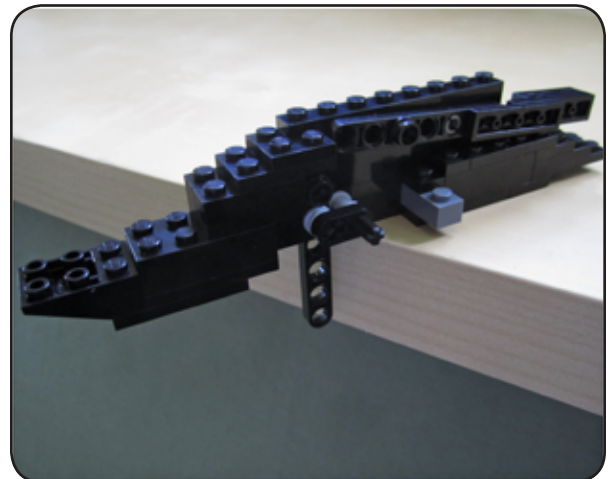
BUILDING TIPS

The following techniques will make for easier building.

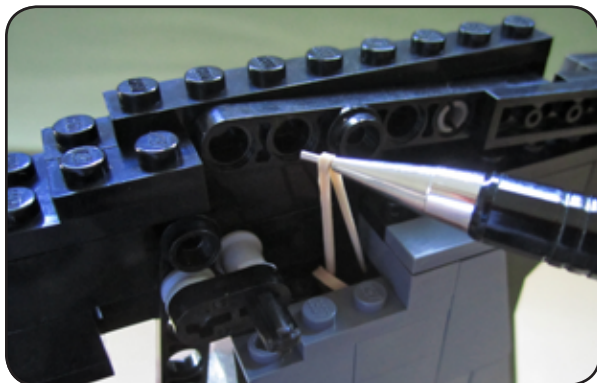
- **Whenever possible, work on a solid, flat surface.** Being able to press pieces onto the model using a fair amount of force (without breaking your build) is made significantly easier by working on a sturdy tabletop or countertop.



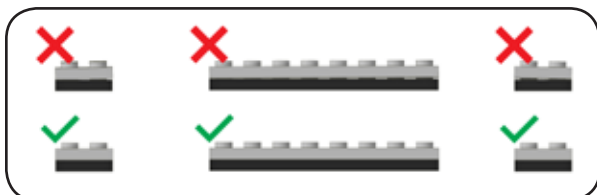
- **Hang the model off the edge of your work surface.** When portions of the model protrude down (such as when the trigger is attached), try to work with the flat, bottom portion of the model on a flat surface and the descending portion hanging off the edge.



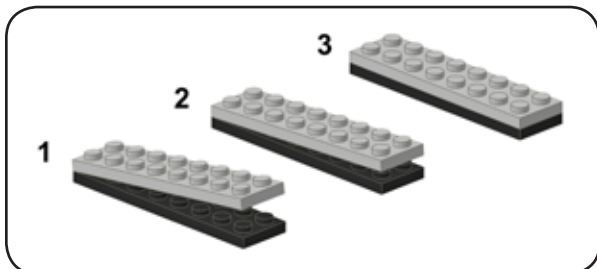
- Use a pencil tip to attach rubber bands.



- **Ensure that pieces are completely and firmly attached.** This is important with any LEGO model but especially with BrickGun designs, as the tolerances are very small and we can't spare any space once we incorporate all the working mechanics. If you leave gaps between pieces, you may find that sections will not fit together properly or move as expected when the model is complete.



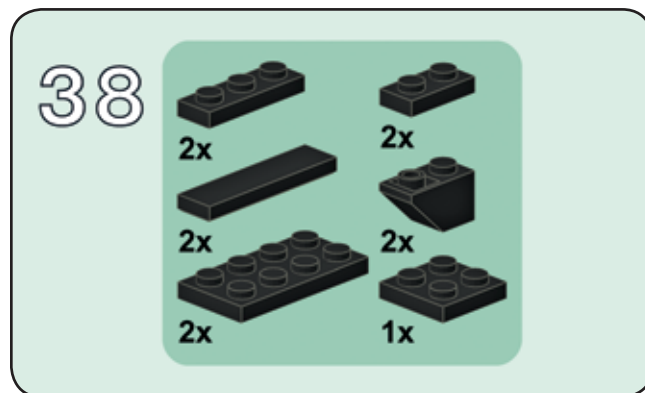
- **Connect pieces starting from one end and “lean” them together.** Rather than trying to snap two pieces together directly on top of one another, first attach the studs at one end and then press along the length of the pieces until they are securely connected. Contrary to popular belief, LEGO bricks and plates should never “snap” together (only Technic pieces do this); instead they should glide together quietly and smoothly.



HOW TO READ THE INSTRUCTIONS

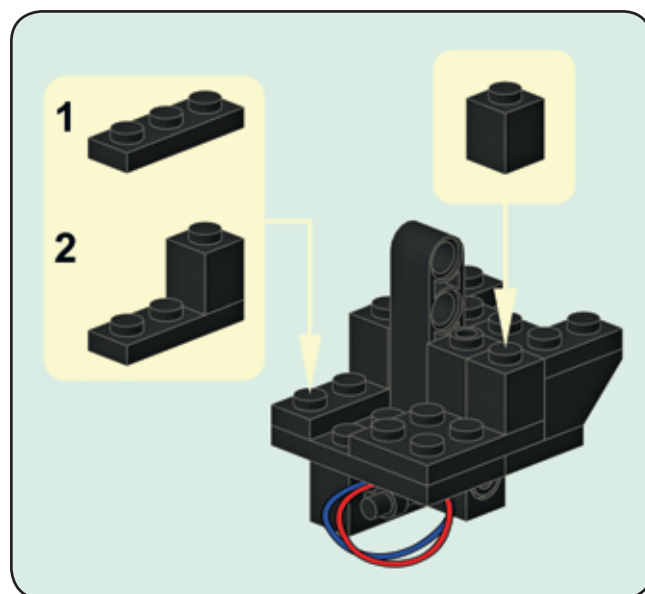
Each model in the book uses a standard set of conventions for building instructions.

THE PARTS LISTS



For each step, the parts you'll need are shown in the upper left, next to the step number. Gather all the parts shown in the parts list before you place any of them on the model so you don't forget anything.

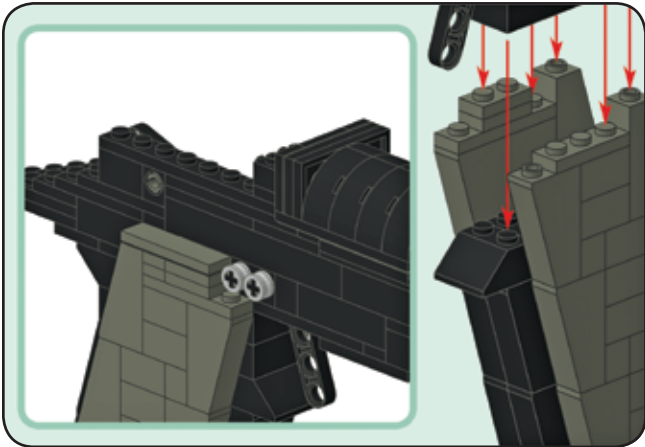
CALLOUTS



Callouts show small subassemblies that are built separately and then attached to the main model. They are highlighted in yellow with pointers showing where the

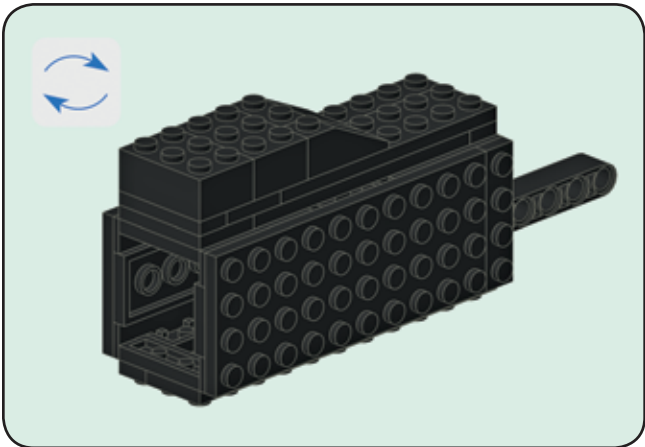
subassembly attaches. Unless otherwise noted, the subassembly is oriented in exactly the same way as it is attached to the main model (see “Flip Arrows” below).

INSET GRAPHICS



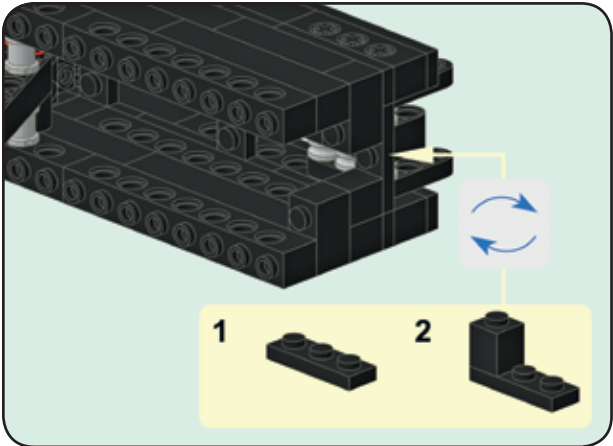
Inset graphics convey additional information about a section of the model. They often show the current step from a different angle to clarify how pieces are attached.

FLIP ARROWS

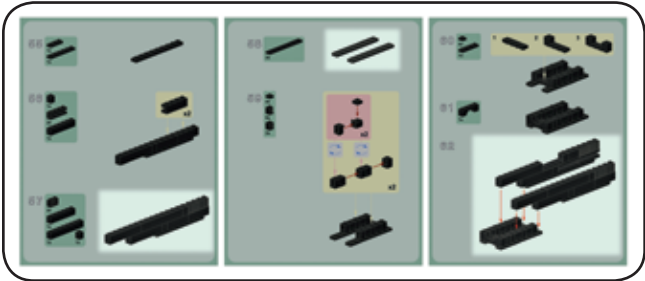


A gray square with two curved blue arrows tells you that pieces are reoriented. If the flip arrows are isolated near the model, rotate the entire structure from the previous step so that it is oriented as shown. If

the flip arrows lie on top of an arrow coming from a subassembly callout, rotate the subassembly before attaching it to the main model.

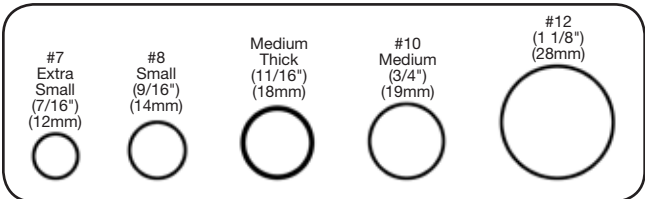


SUBASSEMBLIES



When the assembly changes suddenly from one step to the next, you are starting a new section (subassembly) of the model. Simply set aside your work; it will be used later.

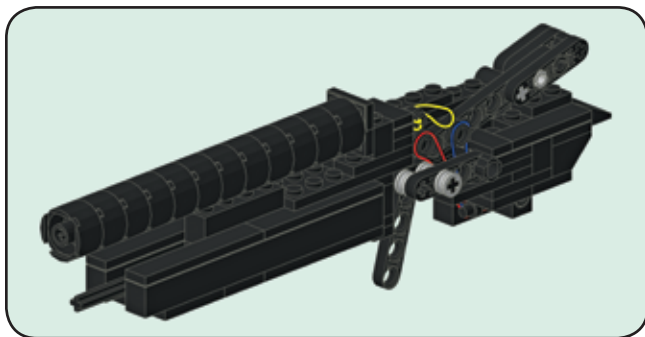
RUBBER BAND SIZES



These are the rubber band sizes you will need to complete the models in this book. Rubber bands are used to actuate mechanical movements, such as triggers, hammers, and slides. Using the correct size ensures

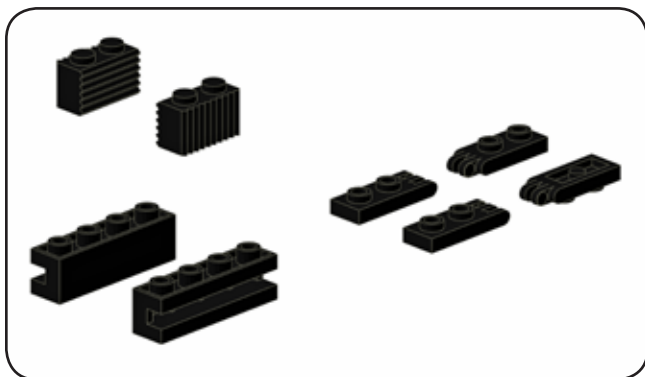
the correct amount of tension and that the mechanisms will move as expected. The rubber bands' sizes and quantities are shown in the parts lists for each model. These rubber bands are standard in the LEGO system, and generic versions are also readily available from office supply stores.

RUBBER BAND COLORS



Rubber bands are shown in various colors. These colors merely indicate which rubber band is which in the model and how they are attached. The actual color of the rubber bands you use is not important, as they'll be hidden inside the model.

MIND THE DETAILS



Certain pieces have ridges, grooves, or other details that are often important. Always pay close attention to ensure that you are orienting these pieces exactly as they are shown in the instructions.

ONLINE RESOURCES

You can stay up-to-date on the new models I build and buy complete BrickGun parts kits at my site: <http://www.brickgun.com/>.

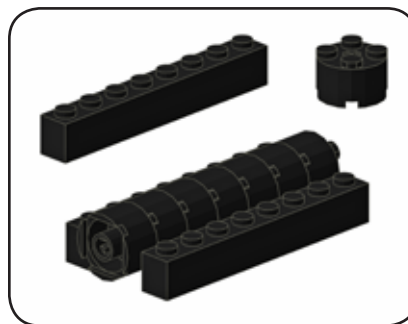
While the official LEGO site (<http://www.lego.com/>) is the best place to find and buy the newest LEGO sets, BrickLink (<http://www.bricklink.com/>) is the de facto marketplace for used bricks, out-of-production sets, and more.

If you want to share your creations with the world, I recommend MOCpages (<http://www.mocpages.com/>) and LUGNET (<http://www.lugnet.com/>). If you want to create building instructions of your creations, I suggest the LDraw suite (<http://www.ldraw.org/>), which is what I used to create the models shown in this book.

HISTORY

The history of BrickGun began one fateful night in 1999 when, on a whim, I decided to see whether I could put together a model of the Beretta 92. For me, the 92 has always been *the* handgun. I am partial to Italian design, and the lines of the 92—its iconic barrel top, curvy grip, and flowing shape—are unique and elegant. It is more like a piece of art than a weapon.

At the time, my only frame of reference was my memory. The build was spontaneous and inspired by the simple idea that a row of 2x2 round bricks laid horizontally between two 1-stud-wide bricks would mimic that iconic exposed barrel perfectly.



This simple combination of pieces was the inspiration for my first handgun model.

The model I created was solid and had no moving parts. Looking back on it now, it bears little resemblance to the actual handgun, and it wasn't accurately life-sized either. But I was fairly happy with it—mostly because I had achieved a pretty good design on nothing more than a lark.



My first version of the Beretta 92 was blocky and had no moving parts, but it captured the basic idea.

But over the next few days, the idea grew. What if I could make the trigger move? What about the hammer? And what if I could make the slide (the top portion of the gun that wraps around the barrel) move realistically? I started to consider the ways in which I might be able to make it all happen, which pieces could be used, and how rubber bands might be integrated to automate the movement. But I still wanted to keep the model life-sized.

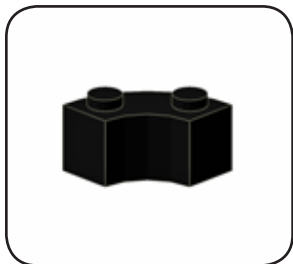
Two versions later, I had created a design with a working trigger, hammer, slide, and slide lock. The model was fairly sturdy and approximately life-sized, and it looked more or less like the real thing.



The third version of the Beretta 92 with movable trigger, hammer, slide, and slide lock

I posted images and CAD files of my final model to LUGNET, the LEGO User Group Network community site for AFOLs (adult fans of LEGO). As these images started to circulate away from LUGNET and made their way to high-traffic, cool gadget sites, I was immediately inundated with requests from all over the world for information on how to purchase the model. The idea of starting a business had never even occurred to me; I just wanted to show my LEGO friends what I had created. But after a few weeks of getting requests to provide models or instructions, I decided to buy up a stock of parts and lay out instructions. And so the company that would one day be known as BrickGun was unofficially born.

As word of the 92 continued to spread, I put together the first version of my Heckler & Koch MP5. The MP5 is my favorite submachine gun, so as with my favorite handgun, I decided to see if I could create a worthy model for it. Like the rounded barrel of the Beretta, the cylindrical body of the MP5 stood out to me, and I wanted to try building it with 2x2 round corner bricks.



The 2x2 round corner brick (aka "macaroni") was the starting point for my MP5 model.

This time, I researched the measurements of the real MP5 and built my model so that its dimensions matched them perfectly. Its removable magazine locked into place with a realistic mechanism, held the correct number of rounds, and was identical in size to the real thing, with the stock collapsed or extended. The MP5 was met with an even more avid reaction than the 92. The same sites that went wild over my realistic pistol were positively *ballistic* over my even-more-realistic submachine gun. Unfortunately, due to the size and complexity of the model, selling kits wasn't feasible at the time, but the attention it received continued to propel word of my designs worldwide.

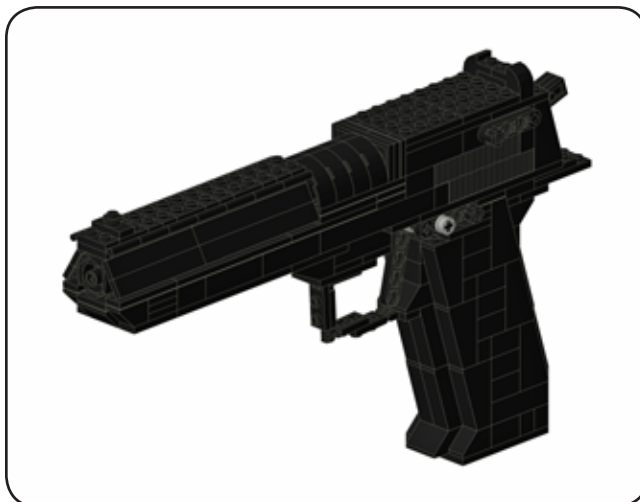
In 2003, after numerous requests from fans and customers, I decided to try building a model of the Desert Eagle. But this time I chose to approach the design from a different angle. I had spent enough time with my 92 model that I could appreciate how inaccurate it was when compared to the real thing, and with the MP5, I had started to learn how to incorporate real-world attributes to increase accuracy. With the Desert Eagle, I wanted a model that was as accurate as possible in both size and detail. After all, the Desert



The BrickGun MP5

Eagle's strongest trait is that it is just plain huge, so I had to get that perfect, and the trademark angled shape of the barrel is immediately recognizable—I had to get that perfect too.

I now use the process I developed for the Desert Eagle for every life-sized model I create. Suffice it to say, once the Desert Eagle was completed, I had to go back and completely redesign my original Beretta 92.



The BrickGun Desert Eagle, designed from the start with techniques to guarantee life-sized scale and accuracy

The fourth version of the 92 was built exactly to the dimensions of the real gun, with details that made it unmistakably recognizable, and I was able retain all of the working mechanical functions (trigger, hammer, slide, and slide lock) from my original design. The final version of the Beretta was deemed the “92FS,” and to this day I feel it is the best model I’ve created in terms of detail and accuracy.



The BrickGun 92FS, a redesigned Beretta 92 model using the techniques perfected with the MP5 and Desert Eagle

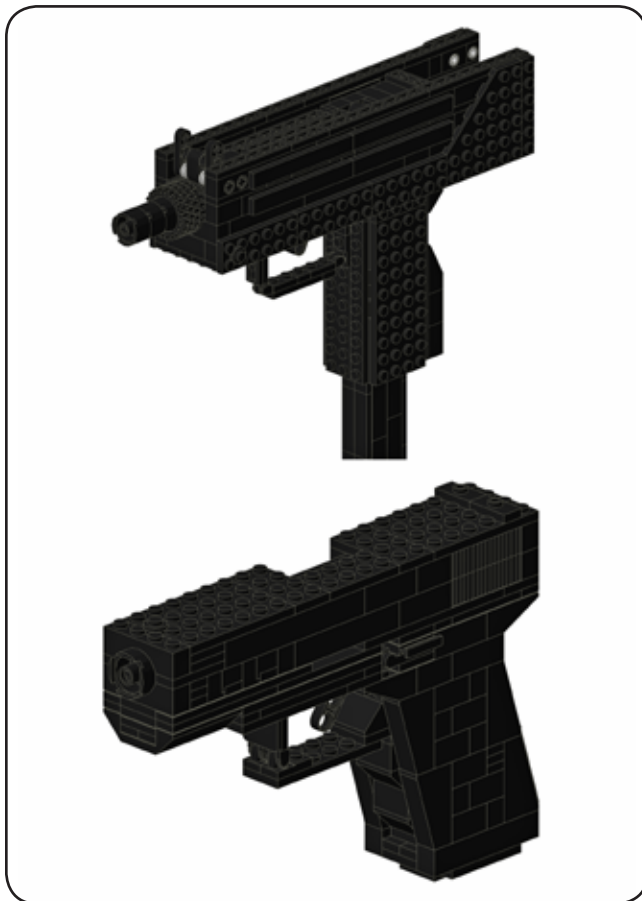
Following the creation of the new 92FS and Desert Eagle, BrickGun.com was officially formed as a company. The website went up with a catalog of models that also included my newest creation at the time: the BG17, my version of the G17 pistol.

Next I created a MAC-11 rubber-band shooter, which had the notable achievement of semiautomatic firing through the use of an escapement mechanism. This

model was followed by the BG19, which was essentially the BG17 in compact form, just like its real-world namesake, the G19.

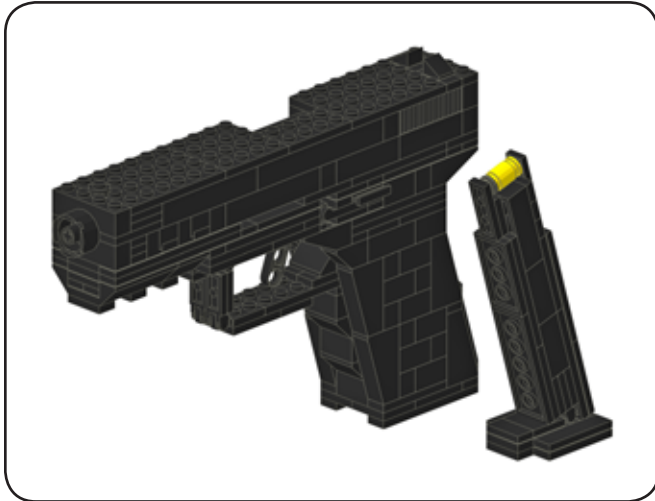


The BrickGun BG17



The BrickGun MAC-11 rubber-band shooter (top) and the BG19

In 2008 I broke new ground with the BG22. During the nine years since I had created the original Beretta 92 model, one of the feature requests I most often received was for a “working” magazine. I had attempted this from the very beginning, but due to the thickness of the bricks making up the grip, there simply wasn’t enough room to make a magazine that could be inserted into the gun and still maintain a 1:1 scale. But after at least 20 attempts, I succeeded in bringing it all together in my BG22 model. I was not only able to create a 1:1-scale magazine (with a LEGO bullet!), which could be inserted and removed from the pistol, but I did it without having to give up any of the mechanical functions that already existed in the BG line of models. It had a working trigger, (internal) hammer, slide, slide lock, and now, finally, a working magazine. When you pulled the slide back and looked down the ejector port, you could even see the top of the magazine holding the LEGO bullet in the breach, *exactly* as with a real gun. The BG22 easily became my most successful model to date.

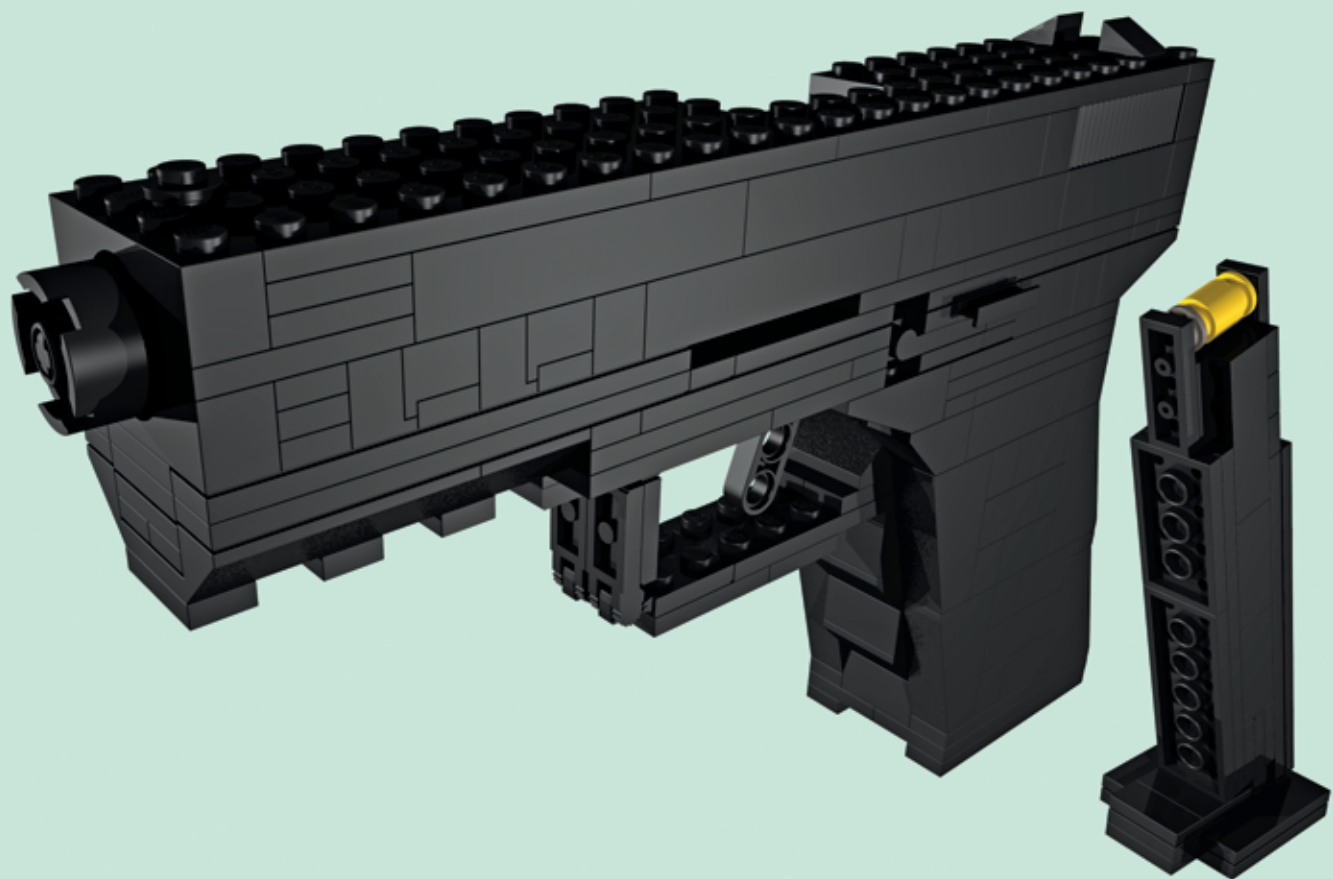


The BrickGun BG22 with removable magazine

My latest creation is the Colt 1911, the second-most requested model by fans and customers. Cramming in all the mechanical functions while still keeping the scale 1:1 and making it look like the iconic 1911 turned out to be the most difficult LEGO challenge I had ever undertaken. I worked on it for years, refining sections until they were just right and then encountering another hurdle. I'd put the model aside, mull over possible solutions (sometimes for months!) until I thought I had it worked out, and then give it a try. This routine went on and on until I eventually got the design to where I felt it absolutely could not be improved upon. This is the most complex model in the book.



The BrickGun 1911



BG22

WITH MAGAZINE

BrickGun BG22 with Magazine Parts List			
Qty	Part #	Color	Description
1	3956	Black	Bracket 2 × 2 - 2 × 2
22	3005	Black	Brick 1 × 1
21	3004	Black	Brick 1 × 2
3	3622	Black	Brick 1 × 3
1	3010	Black	Brick 1 × 4
3	3009	Black	Brick 1 × 6
2	3008	Black	Brick 1 × 8
2	3003	Black	Brick 2 × 2
2	3002	Black	Brick 2 × 3
1	3001	Black	Brick 2 × 4
2	3659	Black	Brick Arch 1 × 4
9	4070	Black	Brick Modified 1 × 1 with Headlight
4	2877	Black	Brick Modified 1 × 2 with Grille
4	2653	Black	Brick Modified 1 × 4 with Groove
5	3941	Black	Brick Round 2 × 2
4	44301	Black	Hinge Plate 1 × 2 Locking with 1 Finger on End
2	30383	Black	Hinge Plate 1 × 2 Locking with 1 Finger on Top
6	44302	Black	Hinge Plate 1 × 2 Locking with 2 Fingers on End
12	3024	Black	Plate 1 × 1
21	3023	Black	Plate 1 × 2
10	3623	Black	Plate 1 × 3
6	3710	Black	Plate 1 × 4
12	3666	Black	Plate 1 × 6
2	3460	Black	Plate 1 × 8
6	3022	Black	Plate 2 × 2
9	2420	Black	Plate 2 × 2 Corner
5	3021	Black	Plate 2 × 3
6	3020	Black	Plate 2 × 4
4	3795	Black	Plate 2 × 6
1	3034	Black	Plate 2 × 8
2	3031	Black	Plate 4 × 4
2	3032	Black	Plate 4 × 6
1	6019	Black	Plate Modified 1 × 1 with Clip Horizontal
1	4081b	Black	Plate Modified 1 × 1 with Clip Light - Thick Ring
13	3794	Black	Plate Modified 1 × 2 with 1 Stud (Jumper)

BrickGun BG22 with Magazine Parts List (cont'd)			
Qty	Part #	Color	Description
4	32028	Black	Plate Modified 1 × 2 with Door Rail
1	60478	Black	Plate Modified 1 × 2 with Handle on End
2	2540	Black	Plate Modified 1 × 2 with Handle on Side - Free Ends
5	4073	Black	Plate Round 1 × 1 Straight Side
2	54200	Black	Slope 30° 1 × 1 × 2/3
2	3039	Black	Slope 45° 2 × 2
8	4460	Black	Slope 75° 2 × 1 × 3
4	4287	Black	Slope Inverted 33° 3 × 1
1	3747a	Black	Slope Inverted 33° 3 × 2 without Connections between Studs
2	3665	Black	Slope Inverted 45° 2 × 1
2	3660	Black	Slope Inverted 45° 2 × 2
1	4871	Black	Slope Inverted 45° 4 × 2 Double
1	4854	Black	Slope Inverted 45° 4 × 4 Double
4	2449	Black	Slope Inverted 75° 2 × 1 × 3
1	3737	Black	Technic Axle 10
1	2825	Black	Technic Liftarm 1 × 4 Thin with Stud Connector
1	32063	Black	Technic Liftarm 1 × 6 Thin
2	6541	Black	Technic Brick 1 × 1 with Hole
2	3894	Black	Technic Brick 1 × 6 with Holes
5	3070b	Black	Tile 1 × 1
6	3069b	Black	Tile 1 × 2
9	2431	Black	Tile 1 × 4
4	6636	Black	Tile 1 × 6
7	4162	Black	Tile 1 × 8
1	3068b	Black	Tile 2 × 2
2	4073	Dark Grey	Plate Round 1 × 1 Straight Side
1	32002	Dark Grey	Technic Pin 3/4
1	3749	Light Grey	Technic Axle Pin without Friction Ridges Lengthwise
2	3713	Light Grey	Technic Bush
1	32123	Light Grey	Technic Bush 1/2 Smooth
2	3062b	Yellow	Brick Round 1 × 1 Open Stud
2	4073	Yellow	Plate Round 1 × 1 Straight Side
1	n/a	n/a	Rubber Band - Extra Small (7/16" or 12mm)
2	n/a	n/a	Rubber Band - Small (9/16" or 14mm)
299 Total Parts			69 Part Types



1x



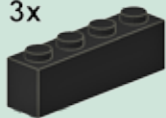
22x



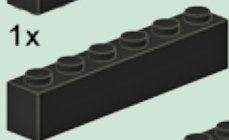
21x



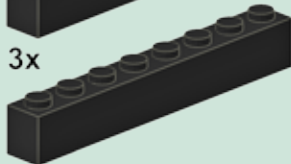
3x



1x



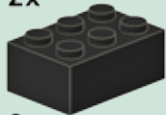
3x



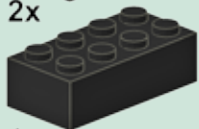
2x



2x



2x



1x



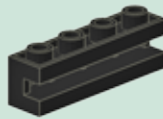
2x



9x



4x



4x



5x



4x



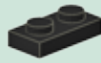
2x



6x



12x



21x



10x



6x



12x



2x



6x



9x



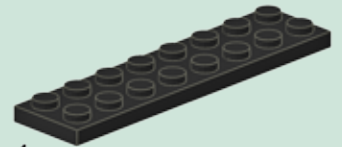
5x



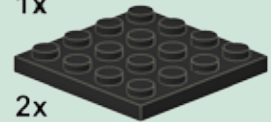
6x



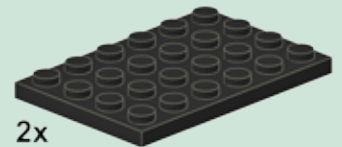
4x



1x



2x



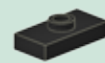
2x



1x



1x



13x



4x



1x



2x



5x



2x



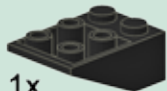
2x



8x



4x



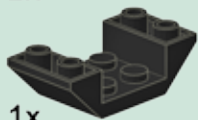
1x



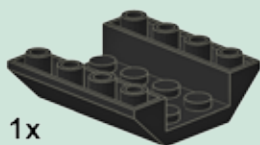
2x



2x



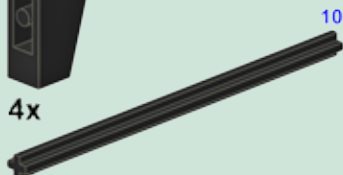
1x



1x



4x



10

1x



1x



1x



2x



2x



5x



6x



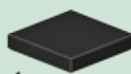
9x



4x



7x



1x



2x



1x



1x



2x



1x



2x



2x



1x

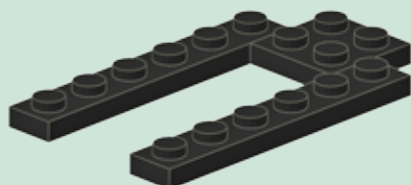
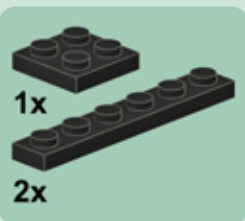


2x

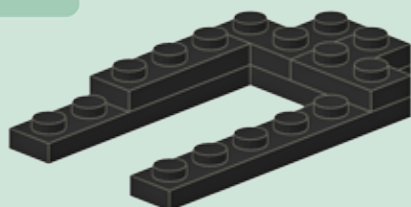
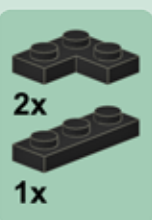
Extra
Small
(7/16")
(12mm)

Small
(9/16")
(14mm)

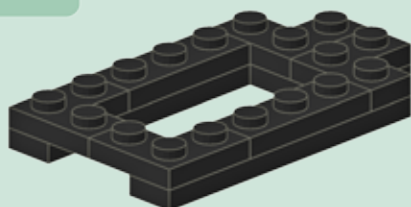
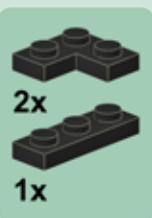
1



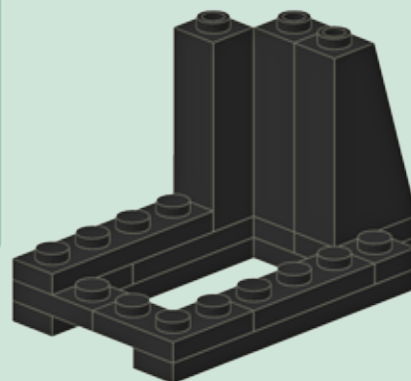
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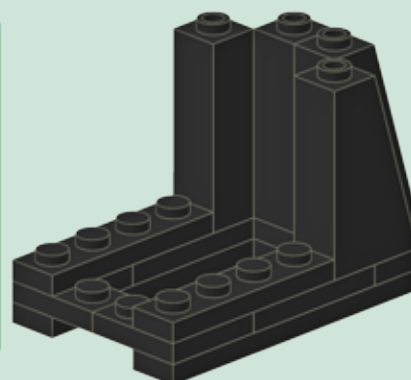
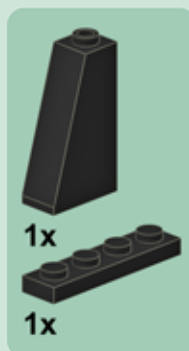
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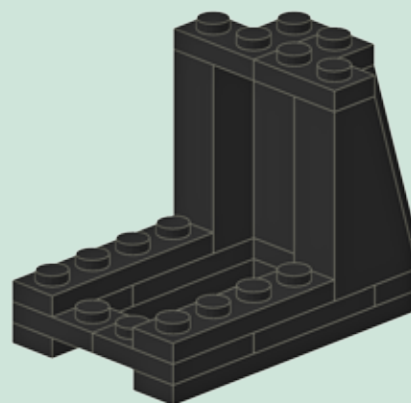
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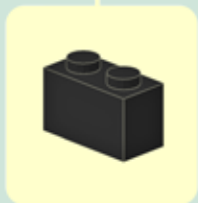
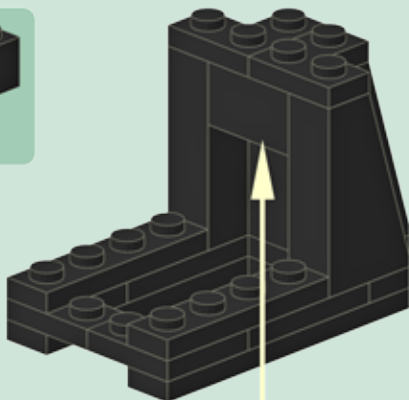
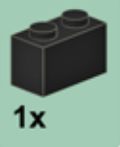
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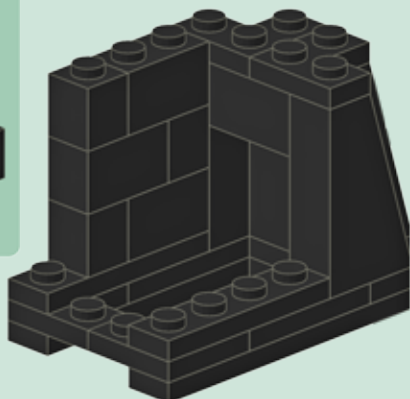
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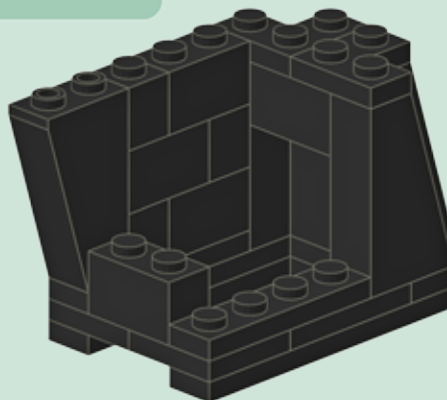
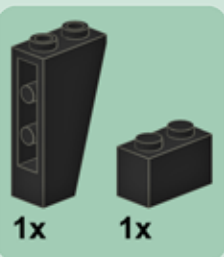
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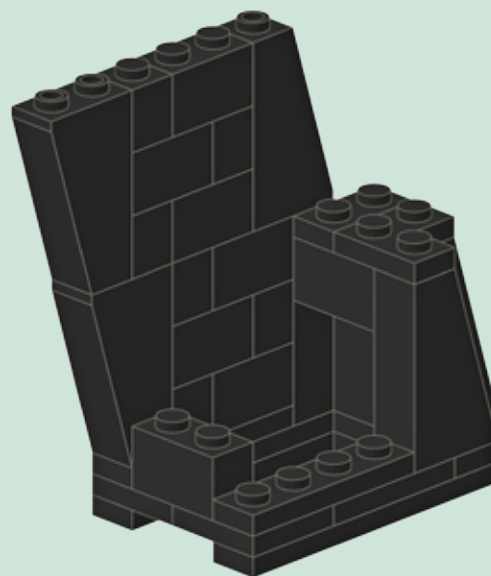
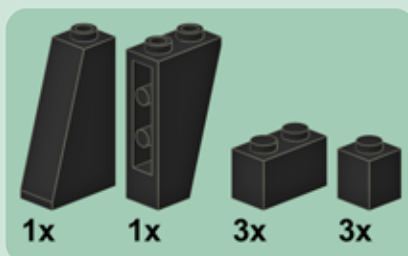
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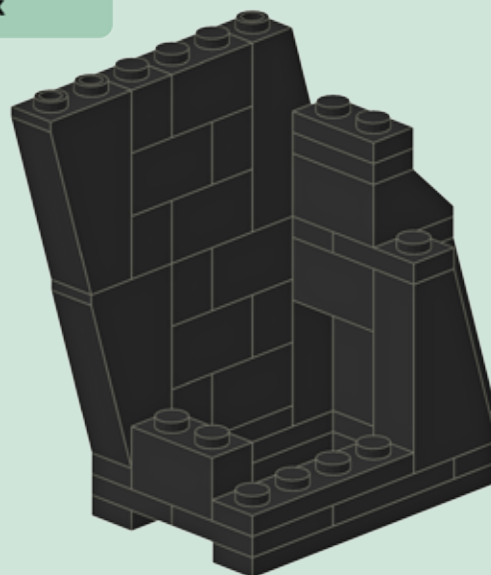
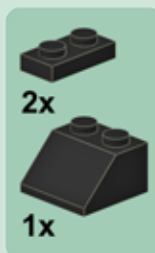
9








10

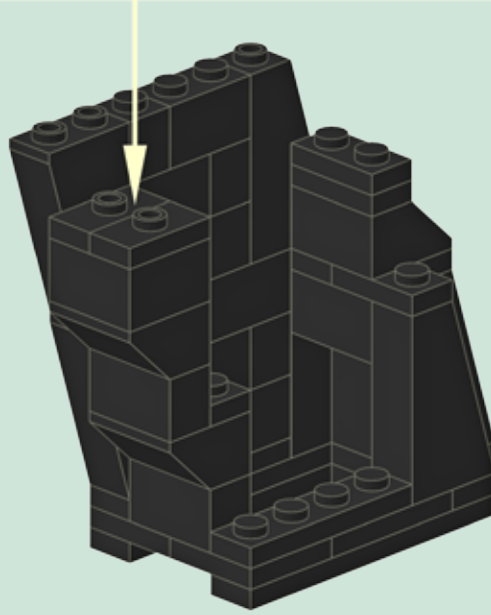
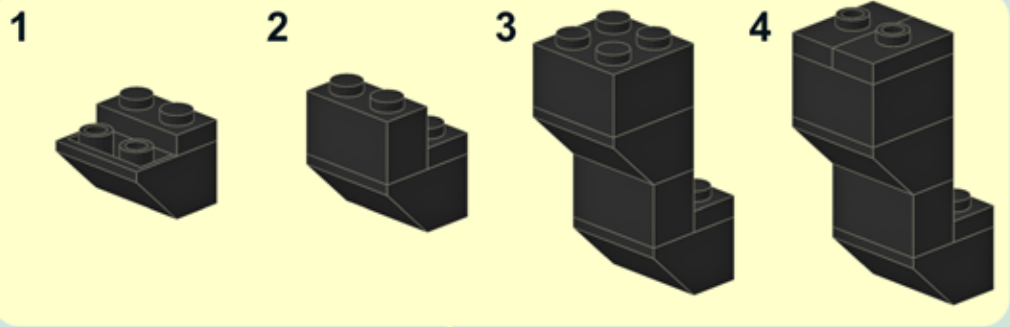


11






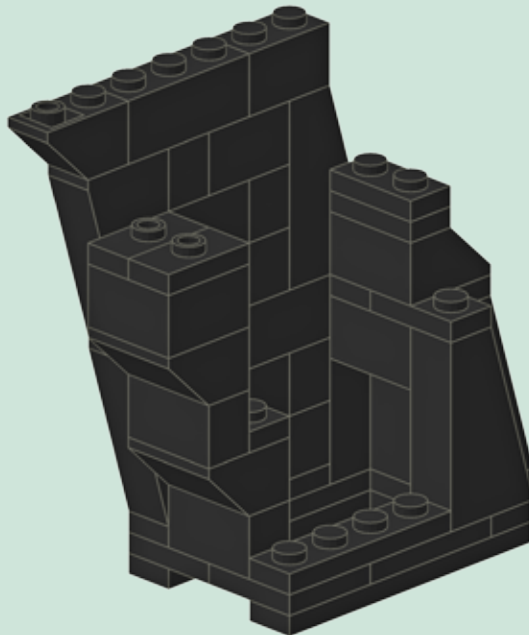
12

- 2x 
- 1x 
- 1x 
- 2x 
- 1x 

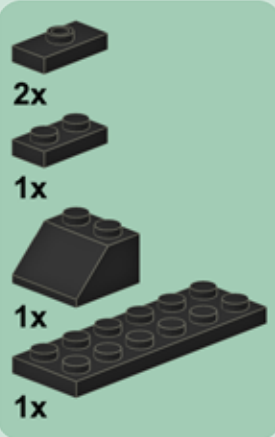


13

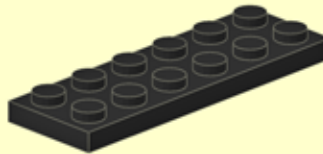
- 1x 
- 1x 
- 1x 



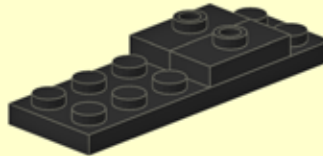
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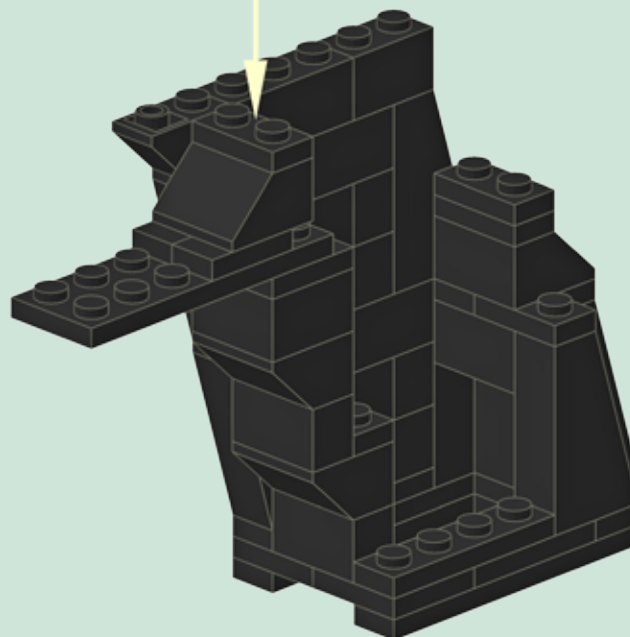
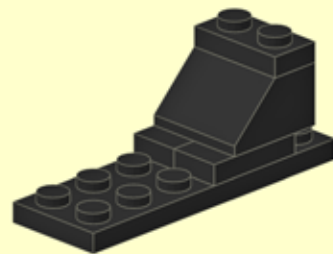
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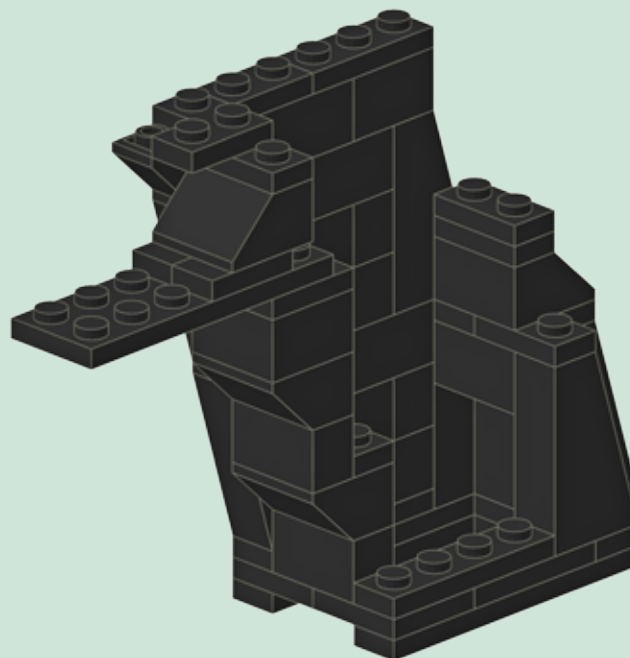
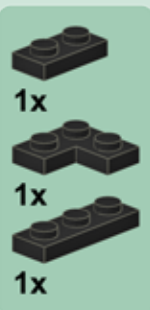
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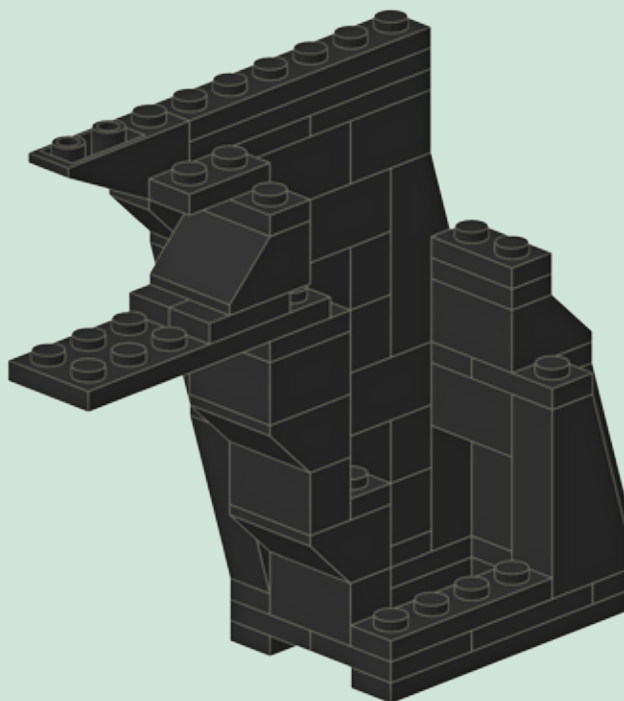
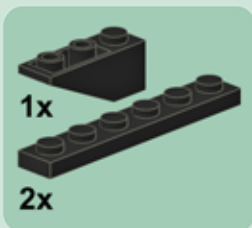
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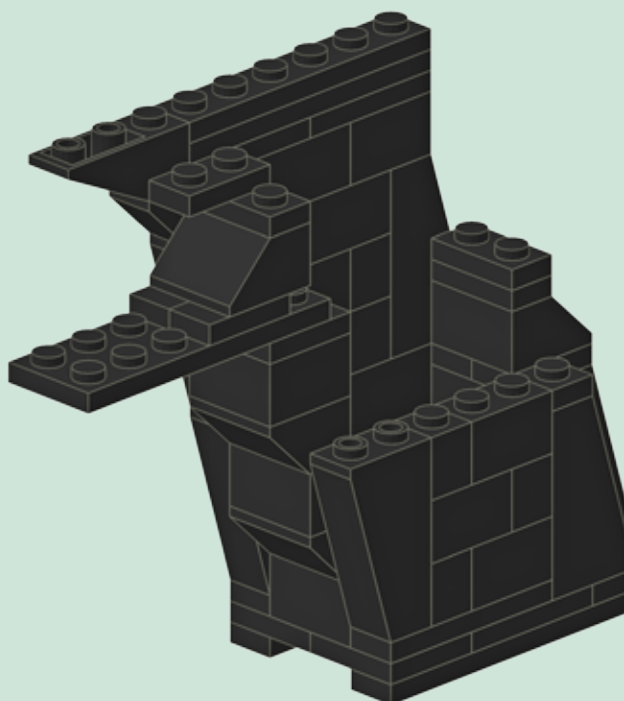
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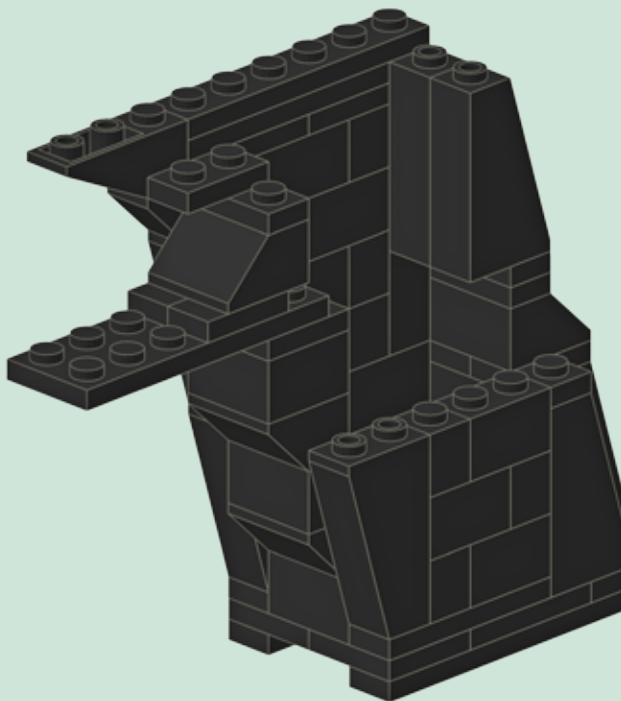
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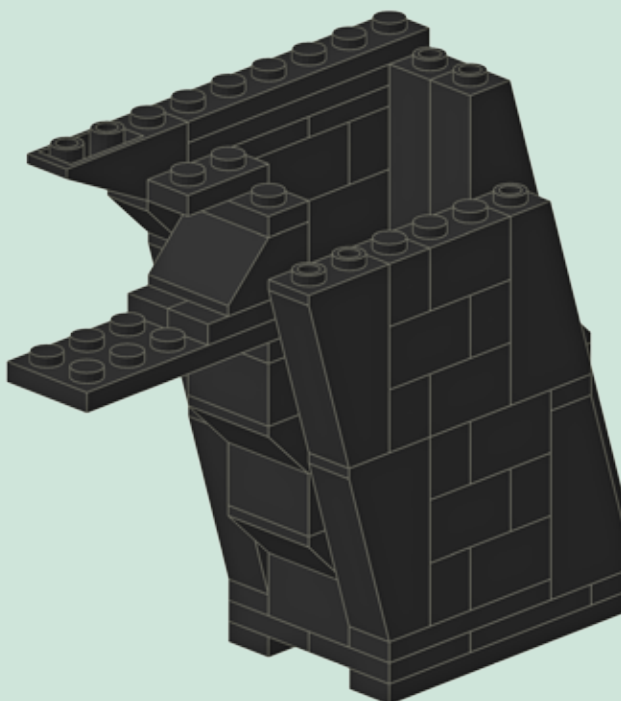
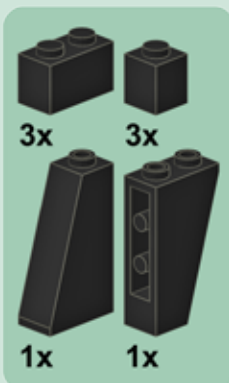
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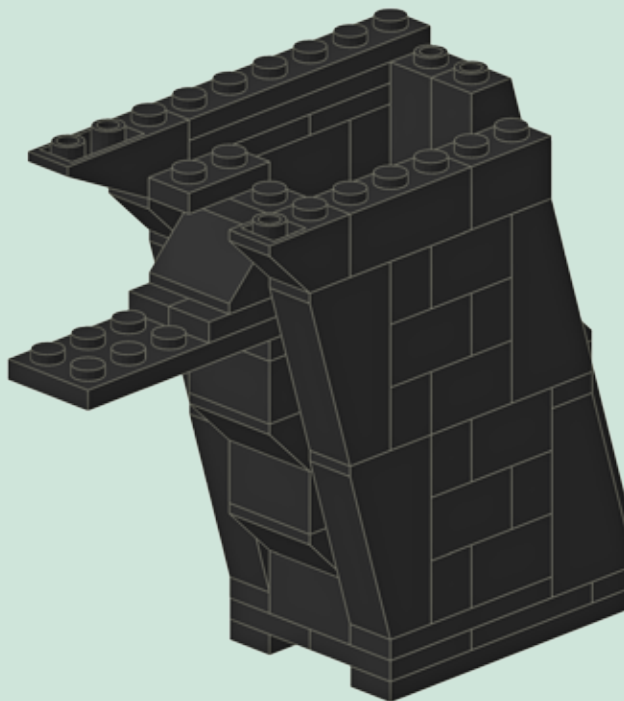
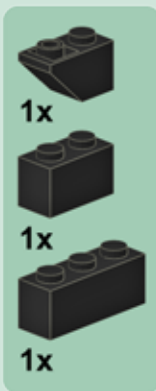
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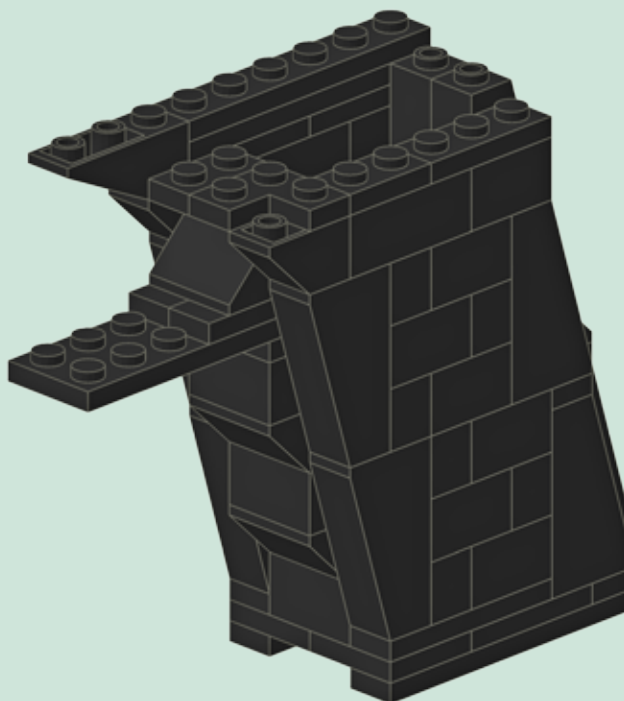
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20



21



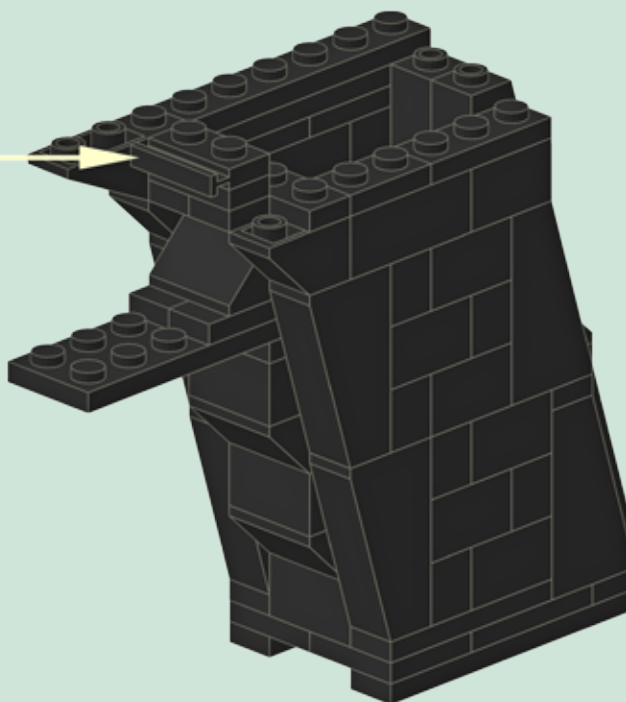
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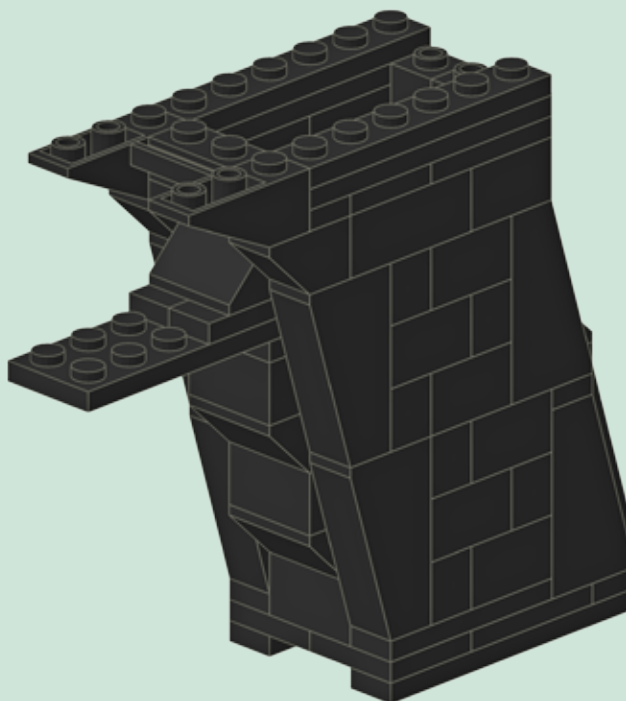
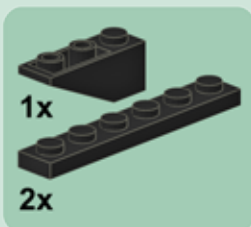
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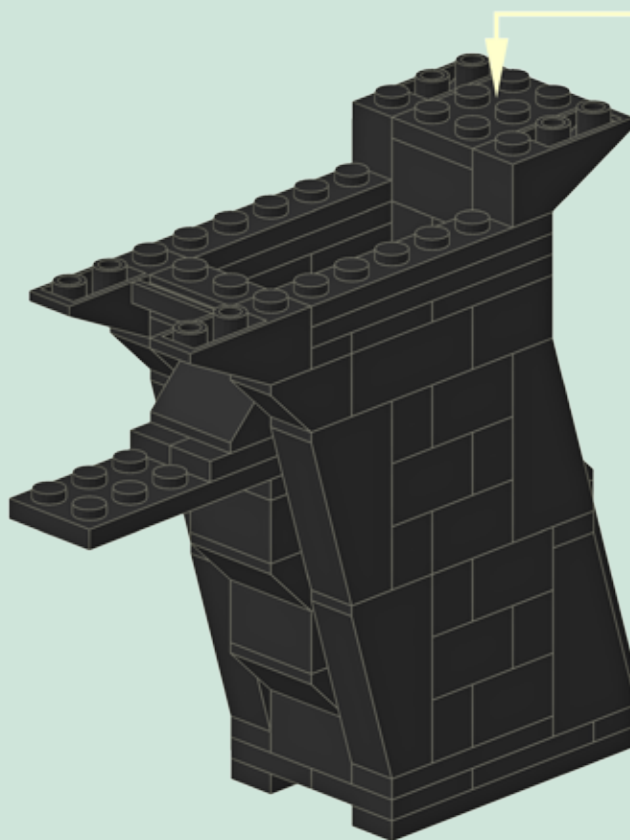
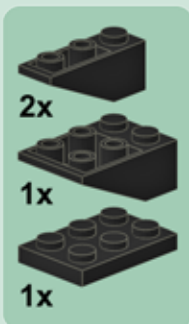
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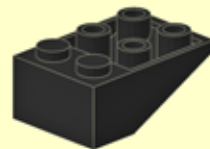
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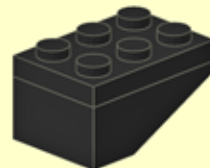
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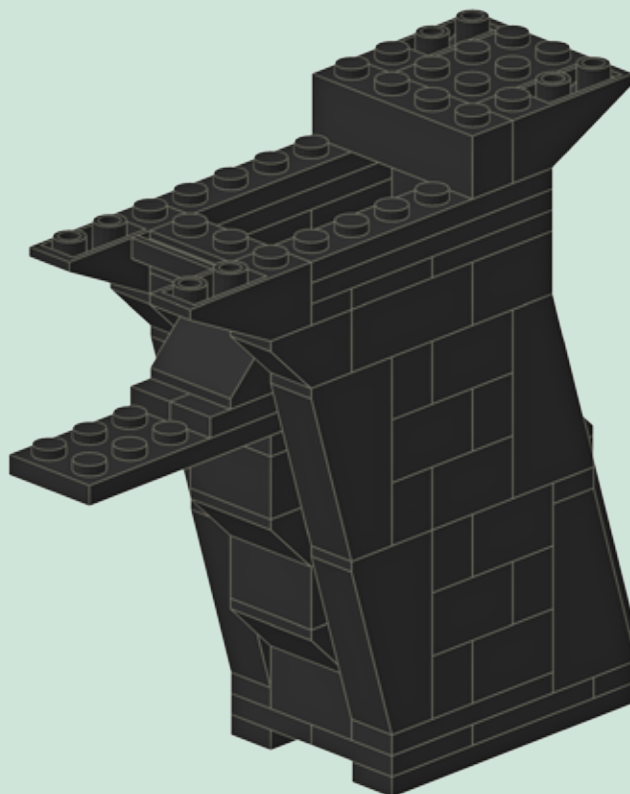
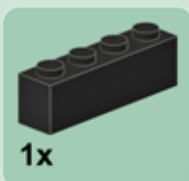
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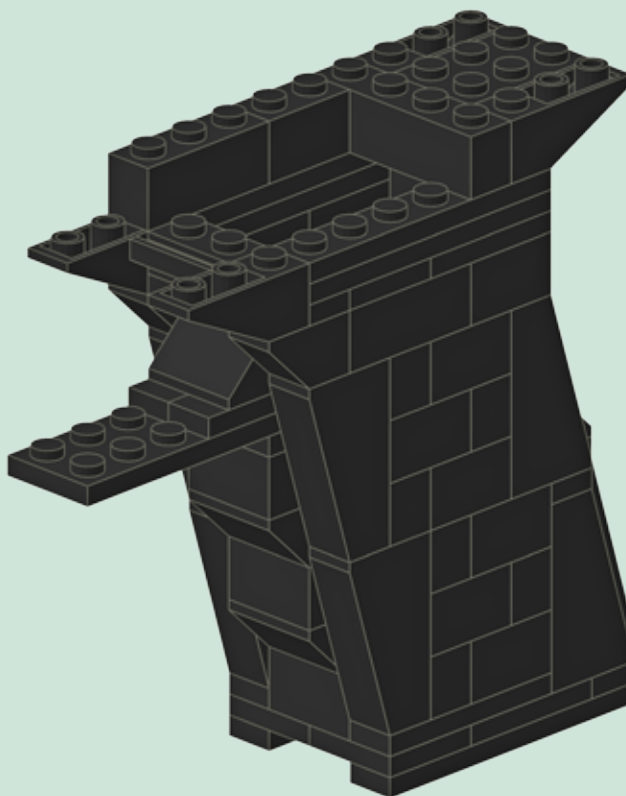
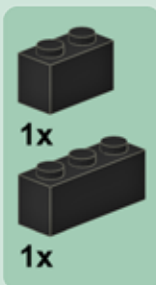
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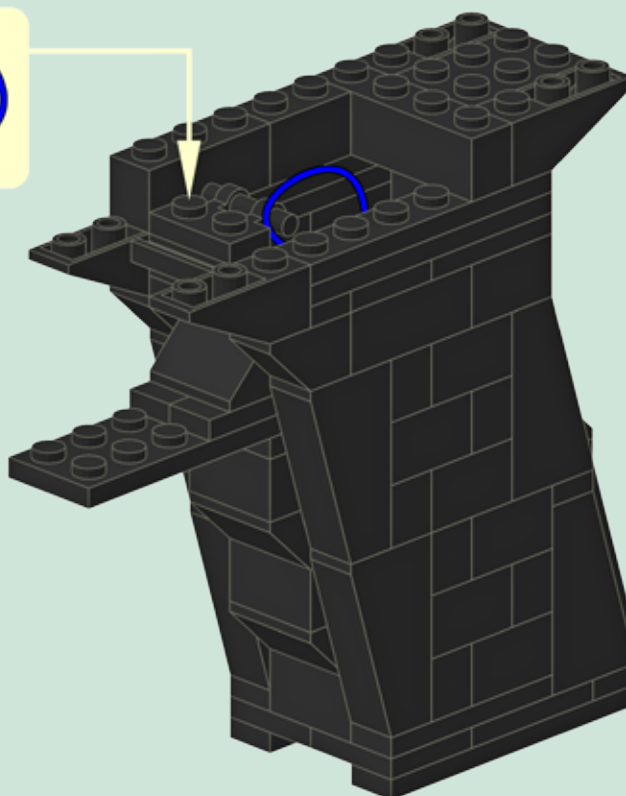
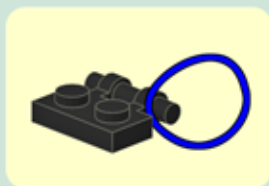
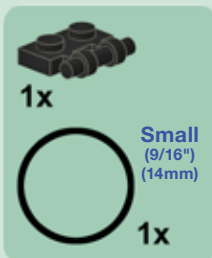
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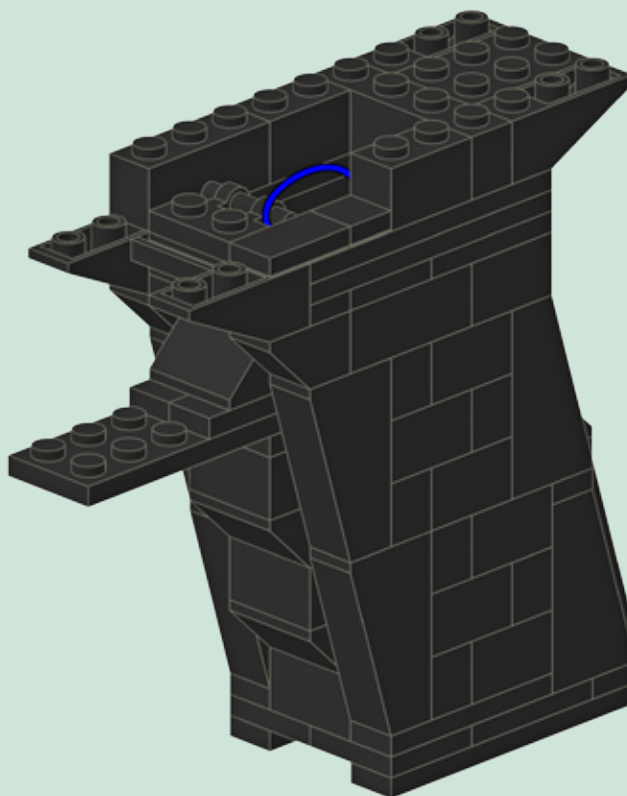
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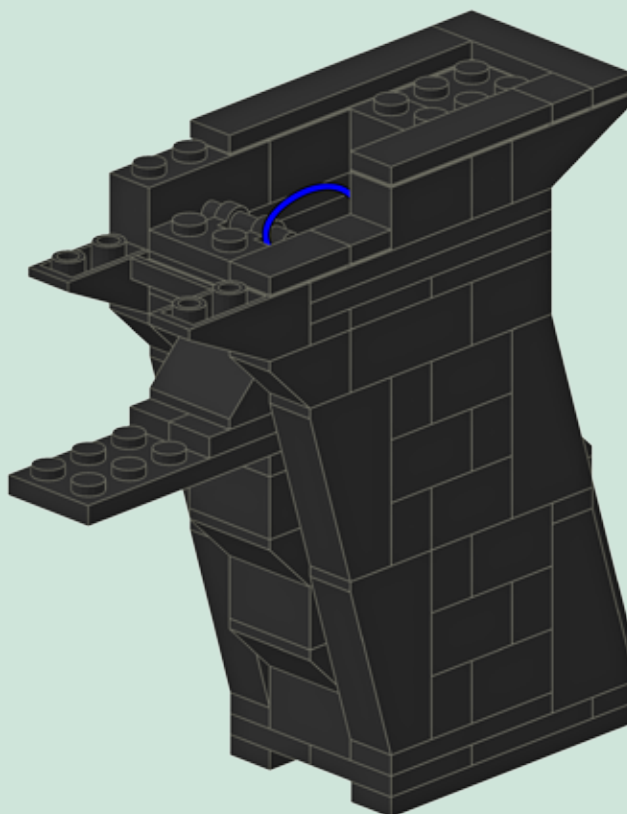
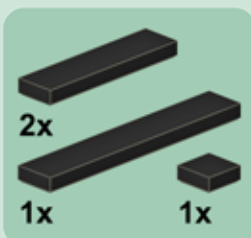
27



28

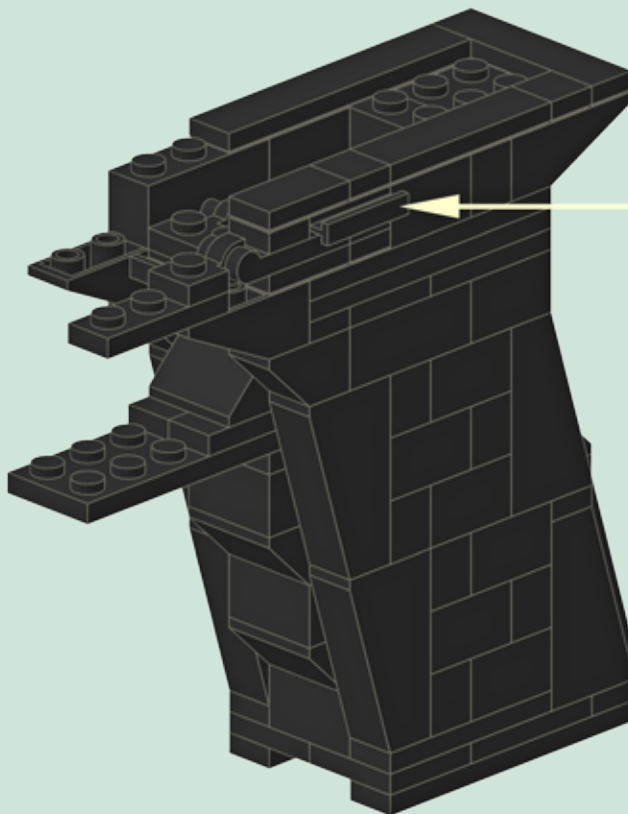


29



30

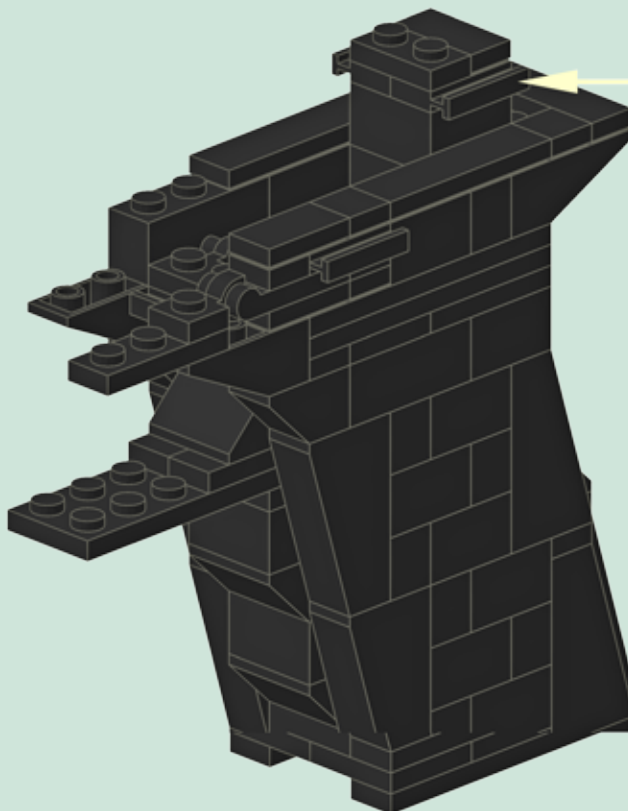
- 1x
- 1x
- 2x
- 1x
- 1x
- 1x
- 1x
- 1x



- 1
- 2
- 3
- 4

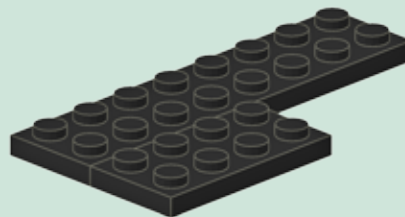
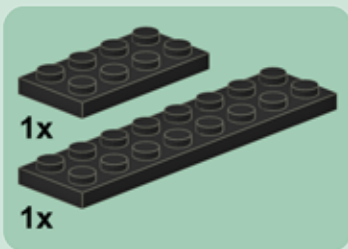
31

- 1x
- 1x
- 2x
- 1x

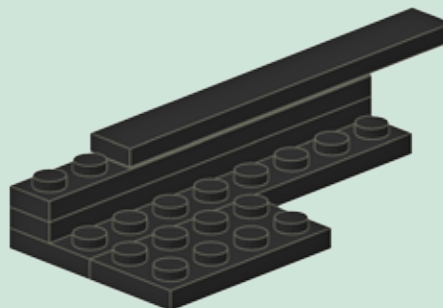
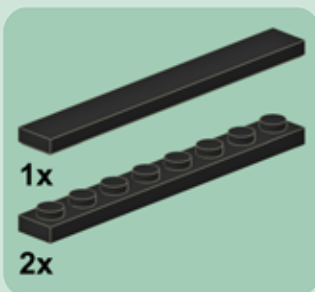


- 1
- 2
- 3

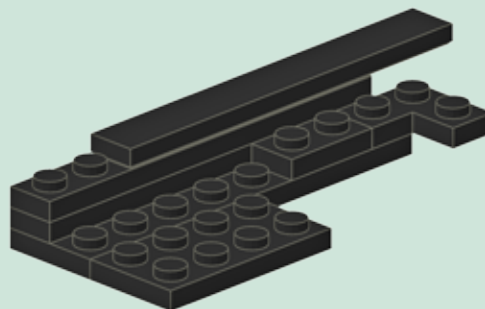
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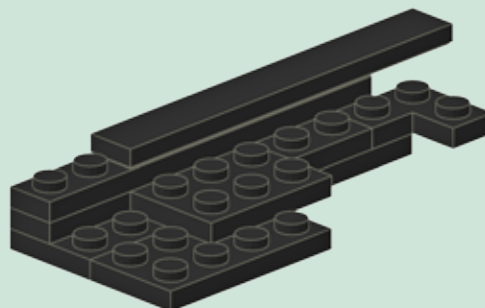
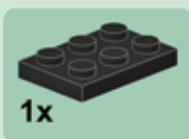
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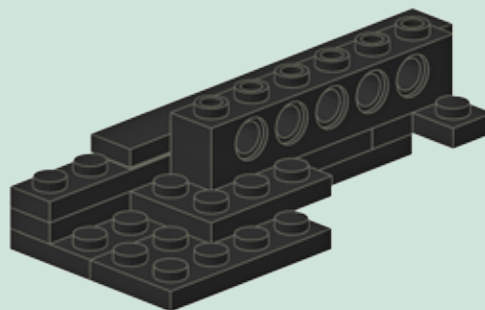
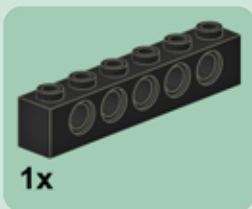
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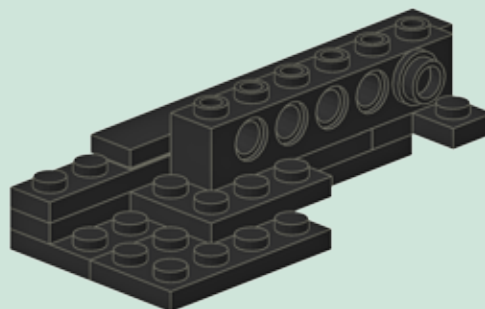
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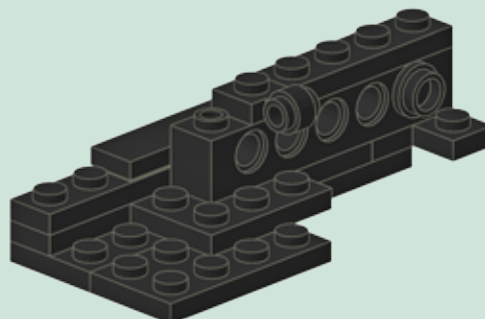
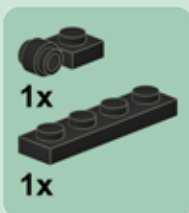
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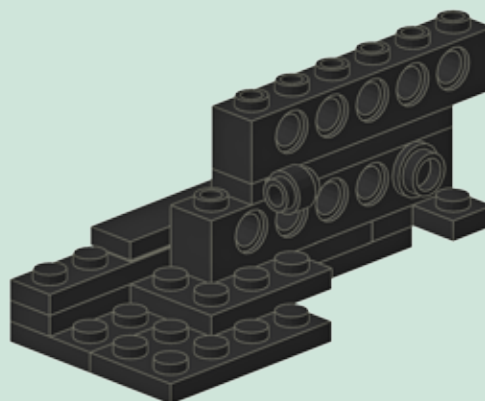
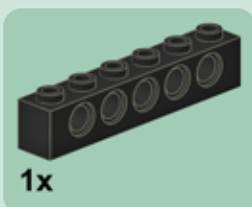
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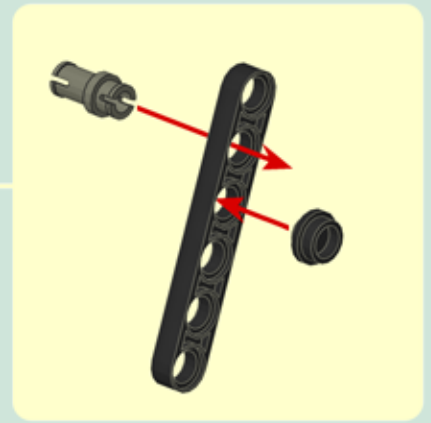
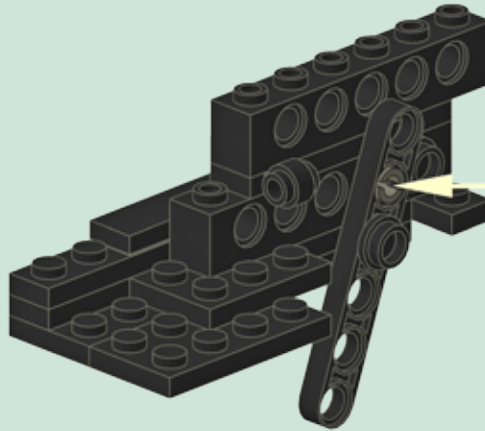
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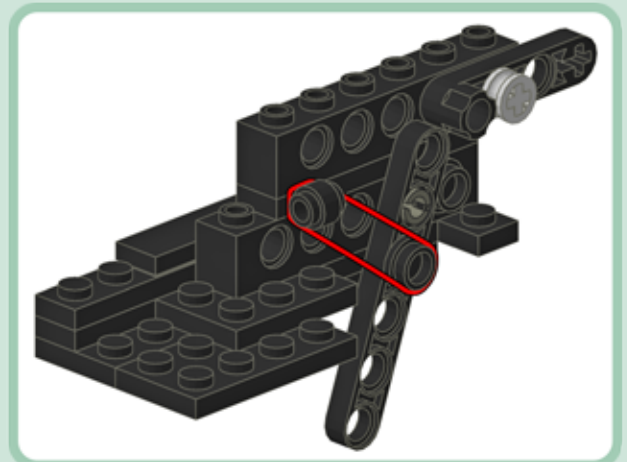
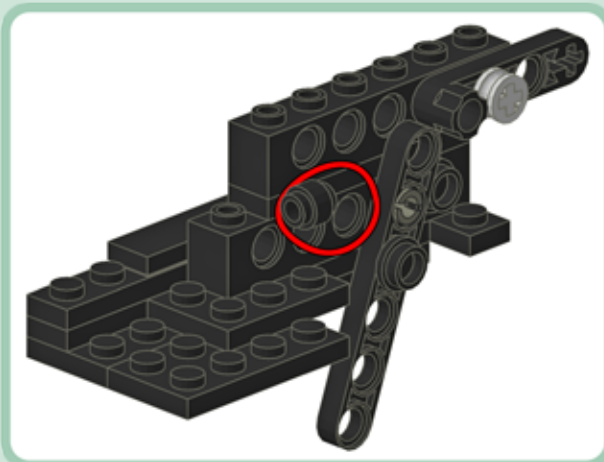
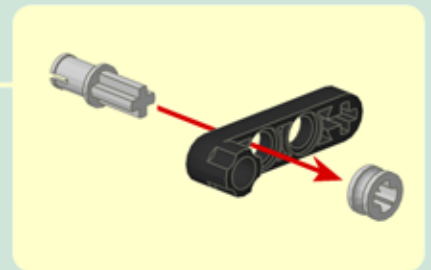
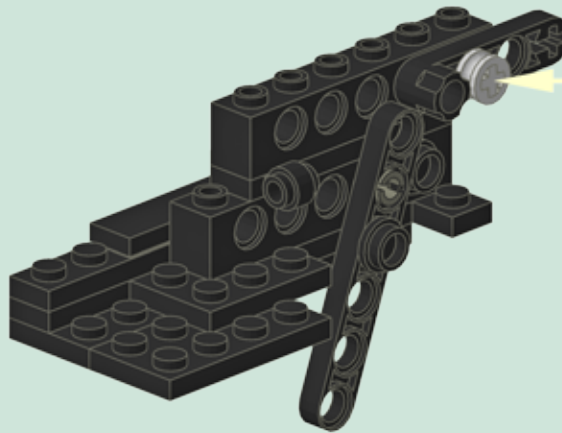
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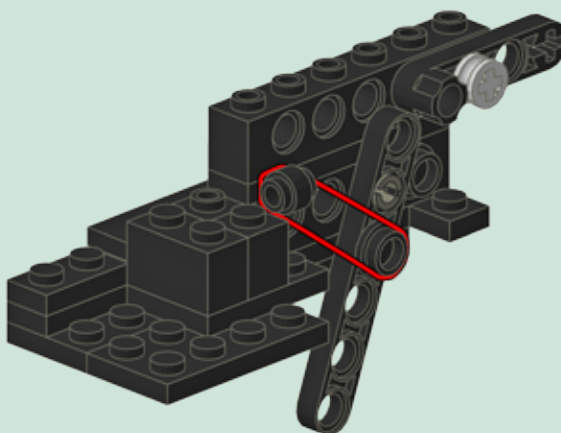
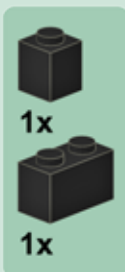
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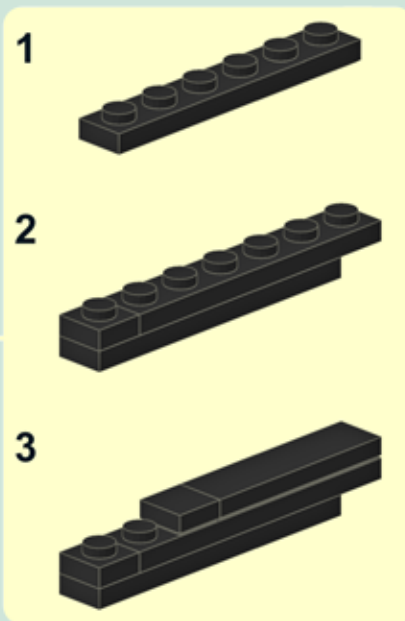
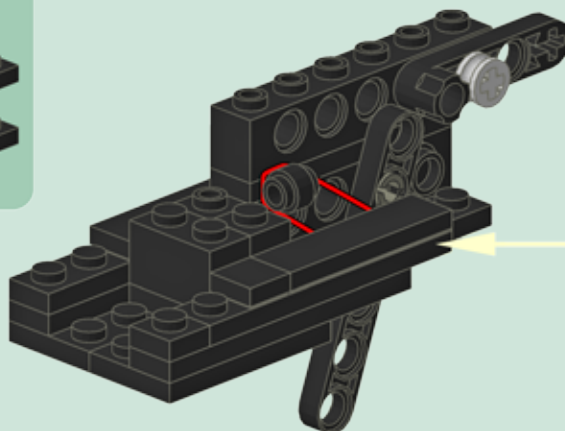
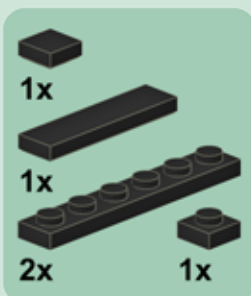
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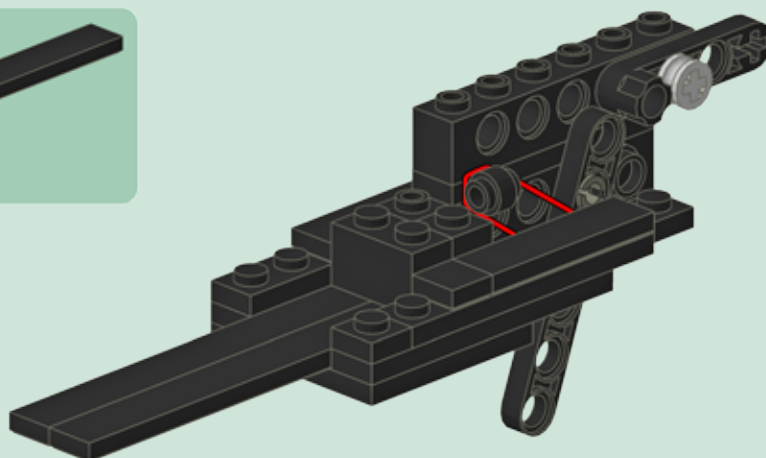
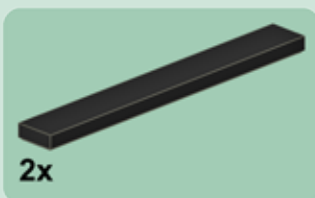
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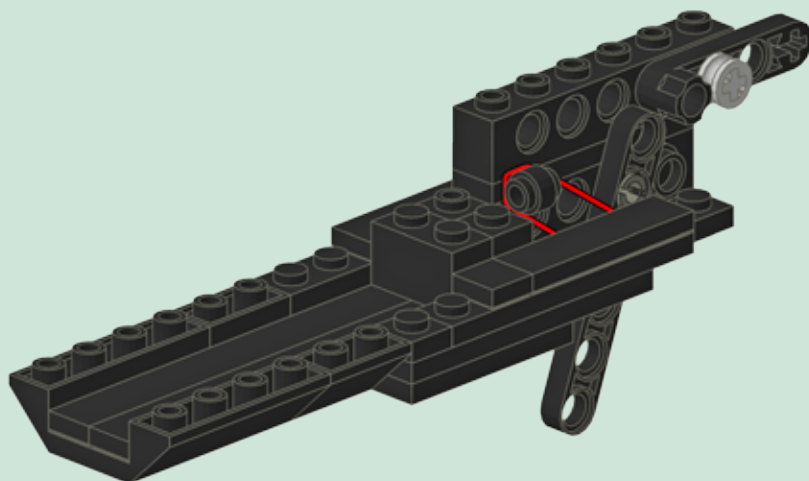
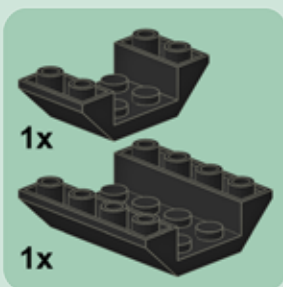
43



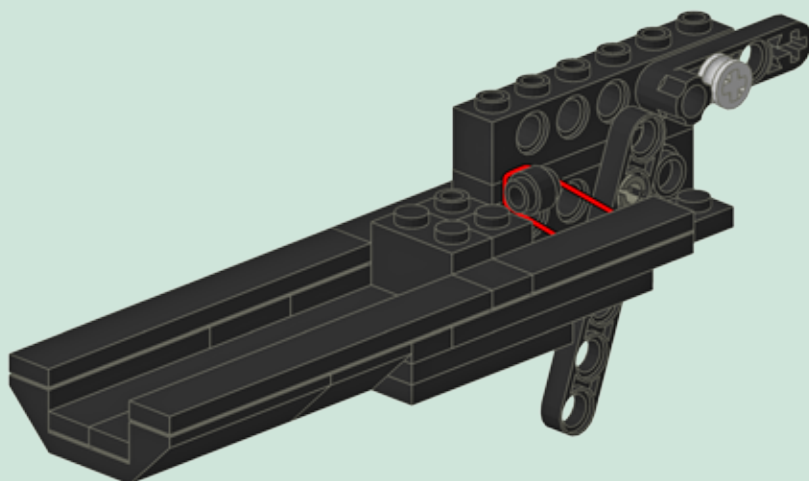
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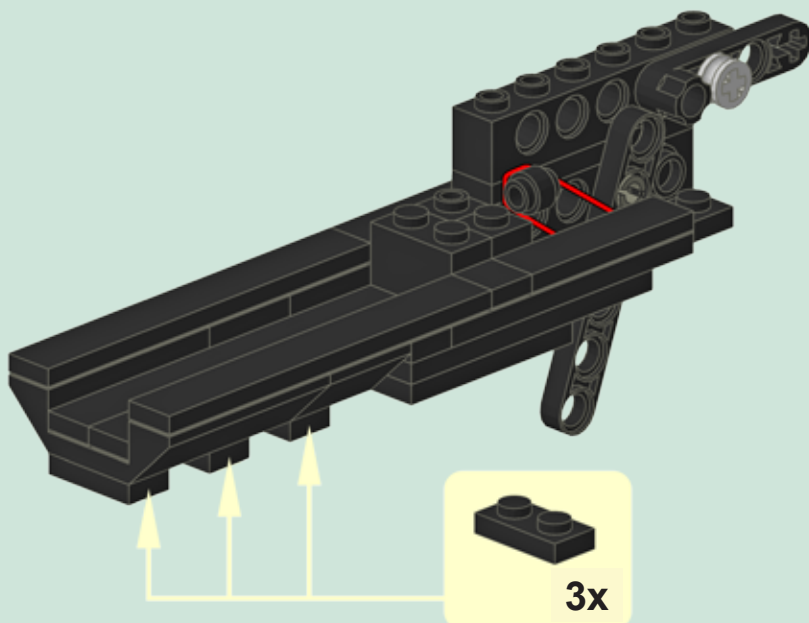
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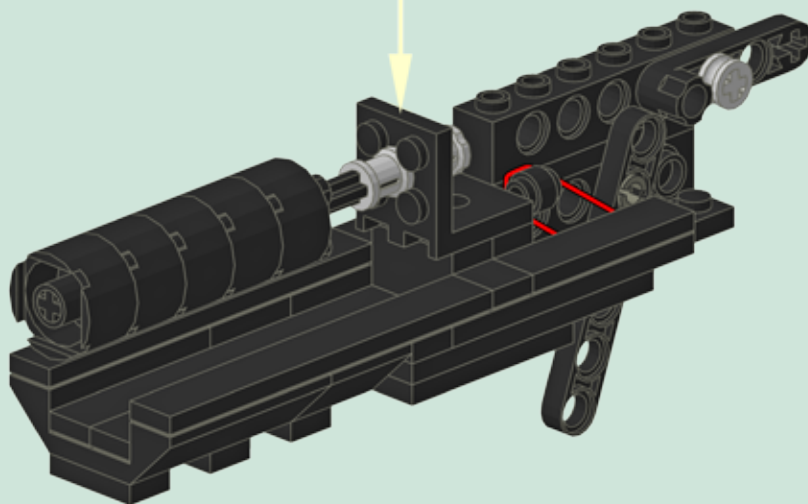
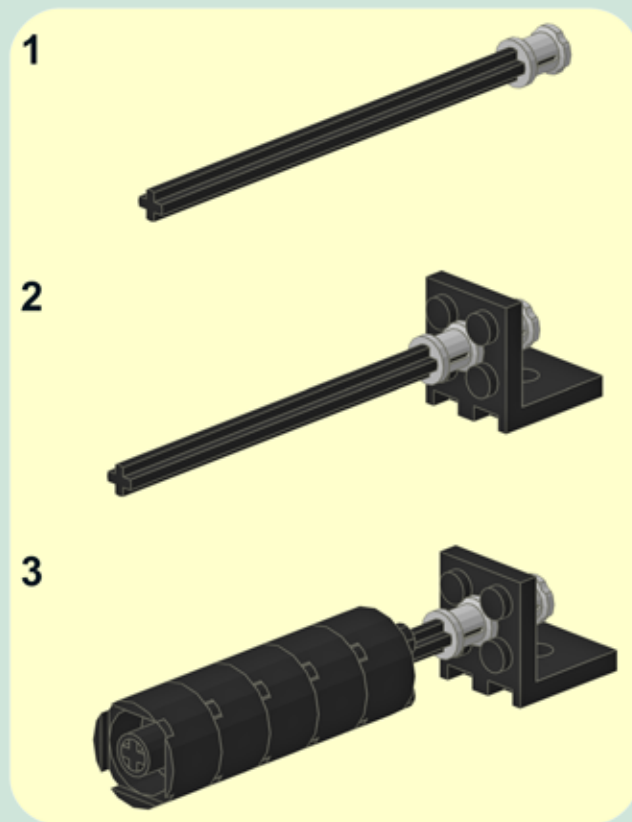
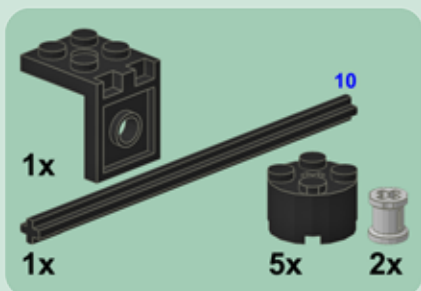
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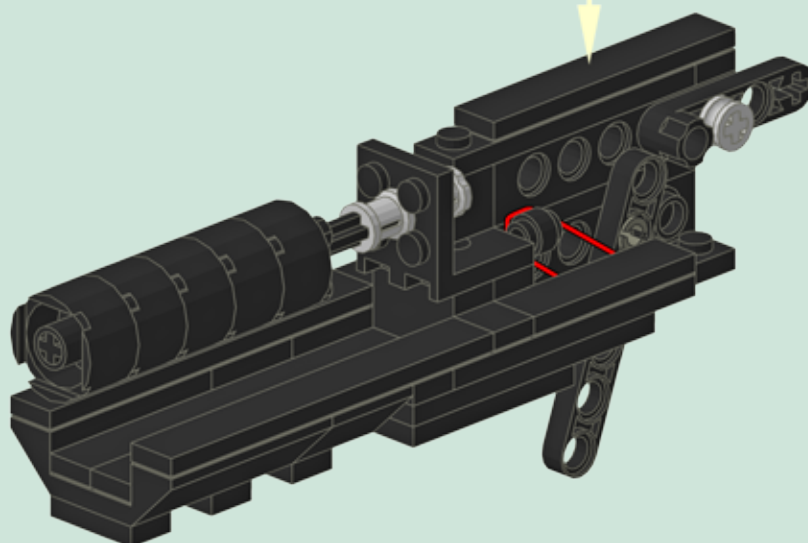
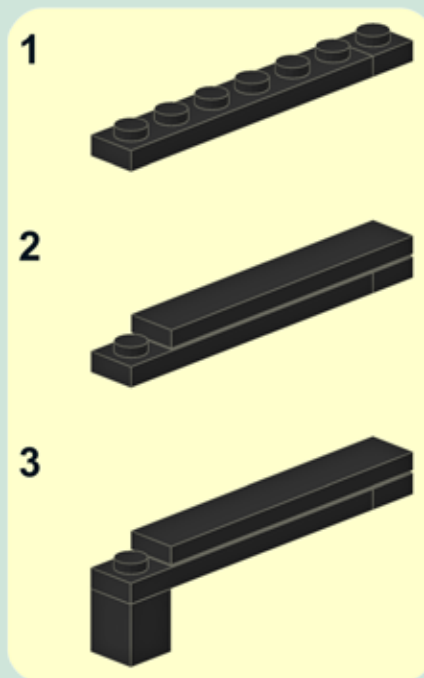
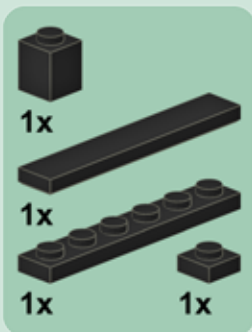
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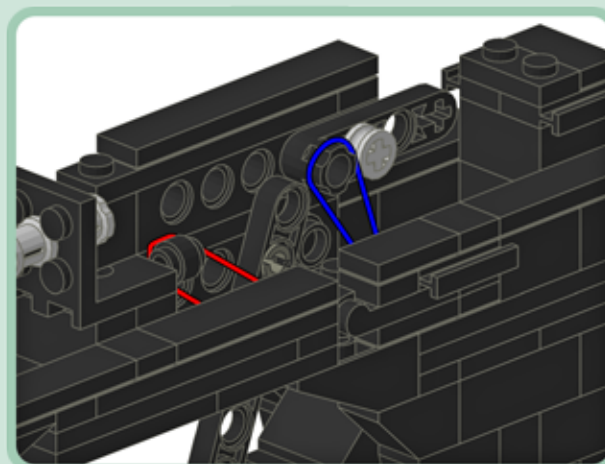
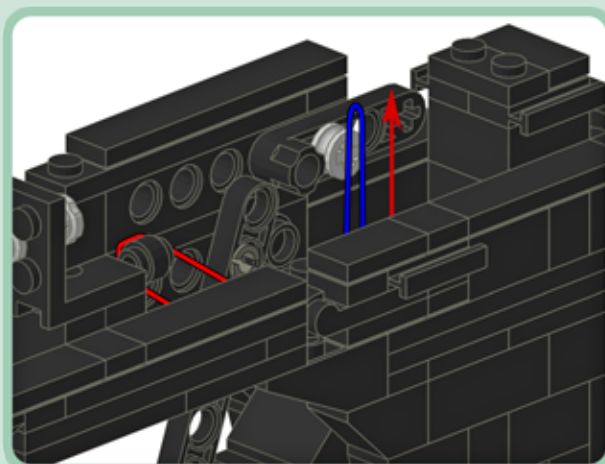
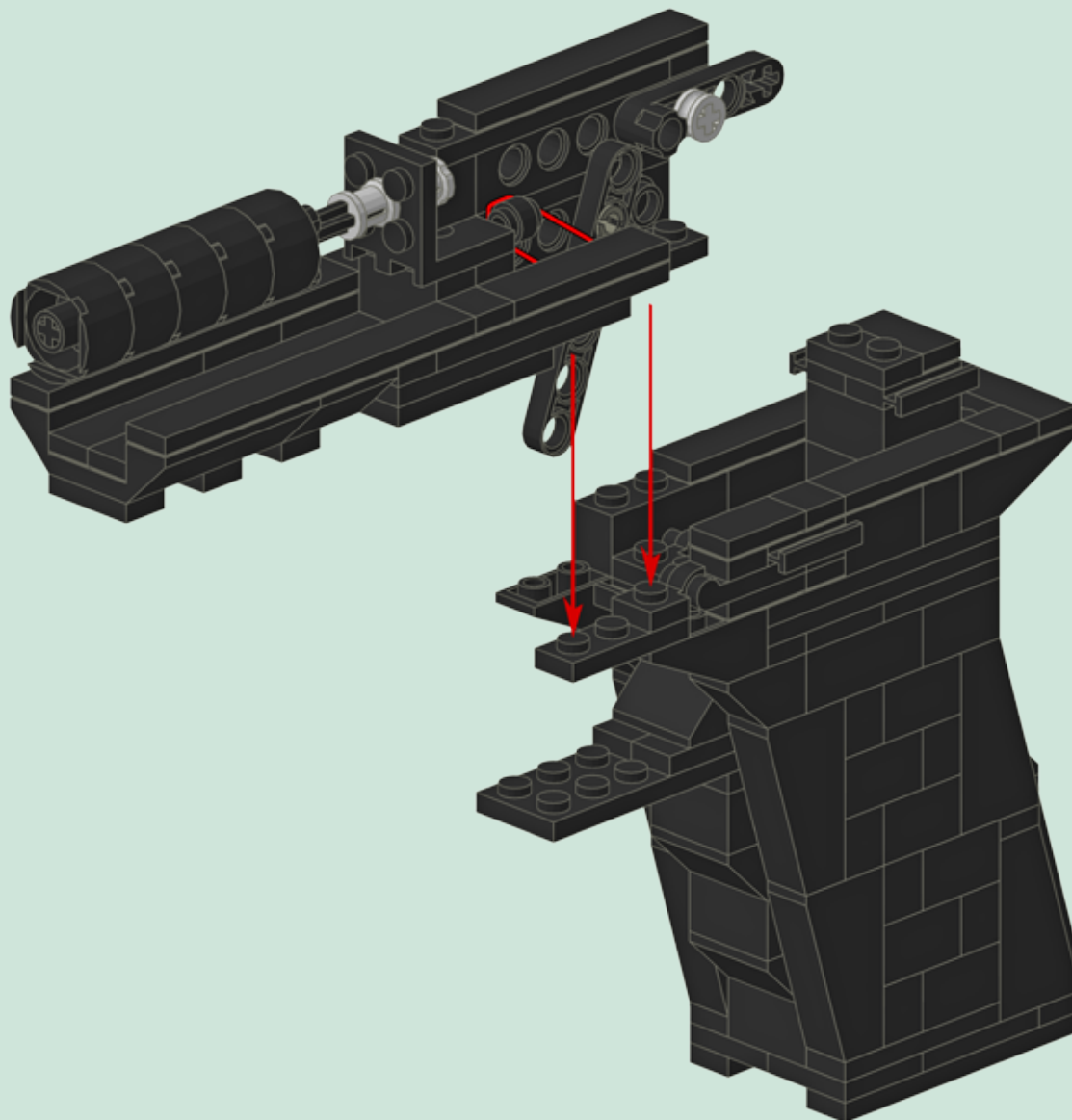
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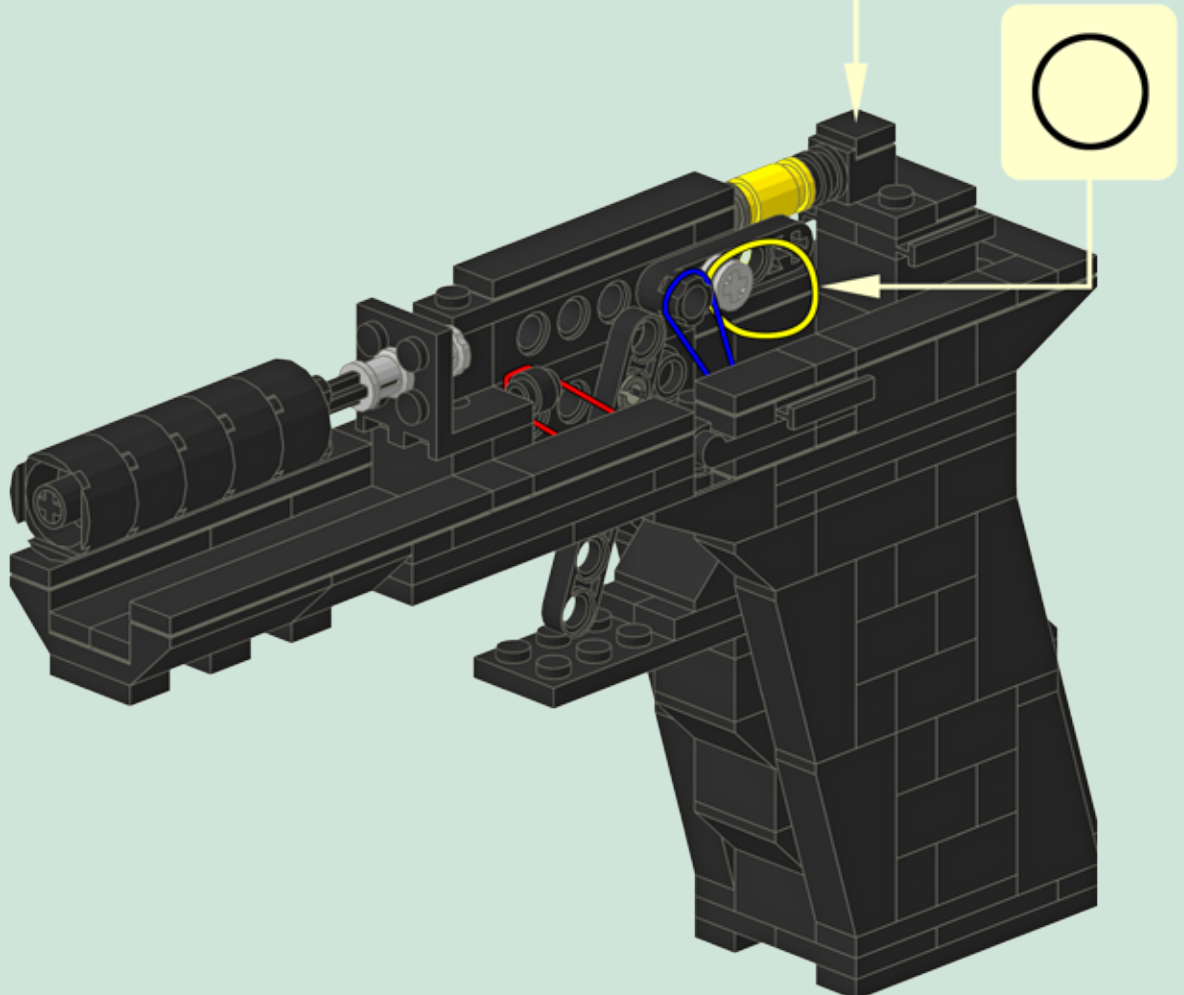
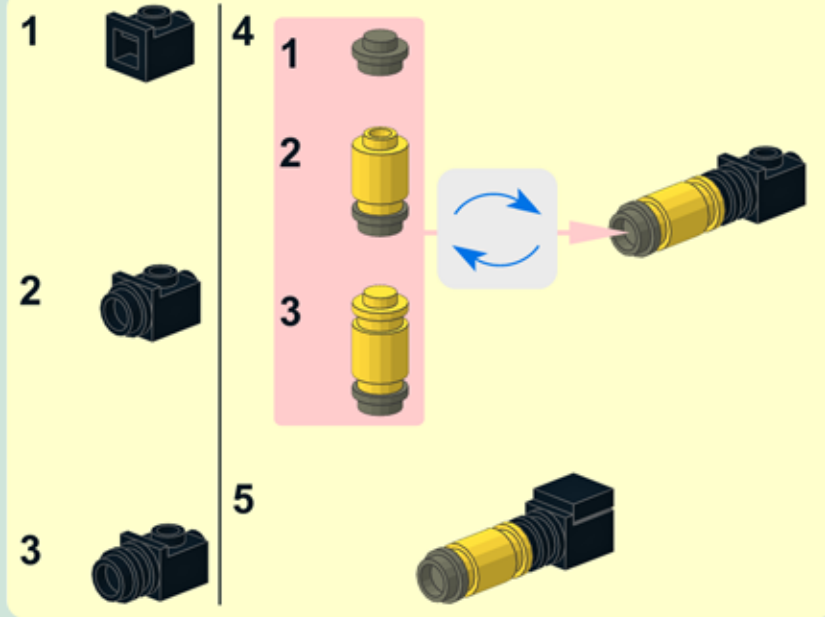
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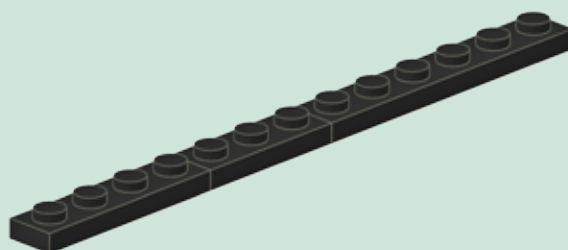
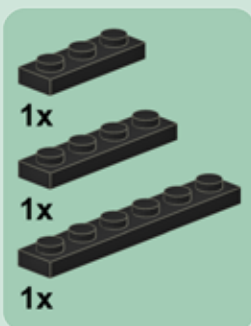
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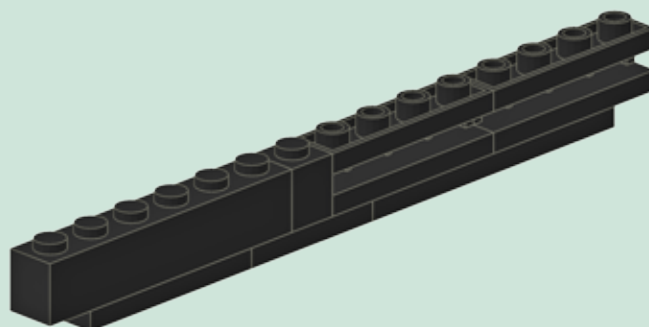
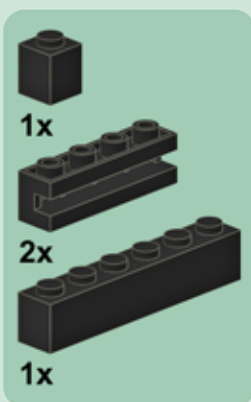
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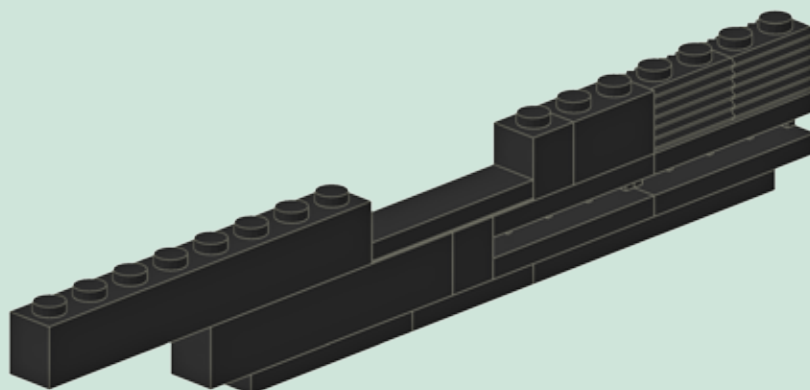
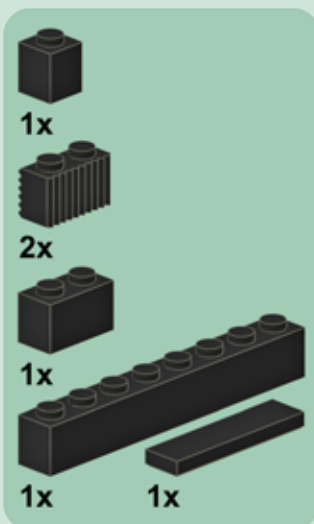
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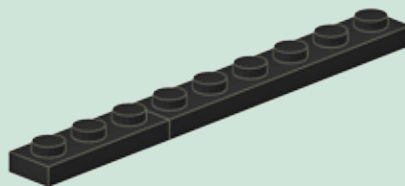
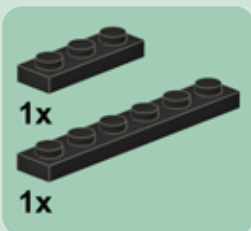
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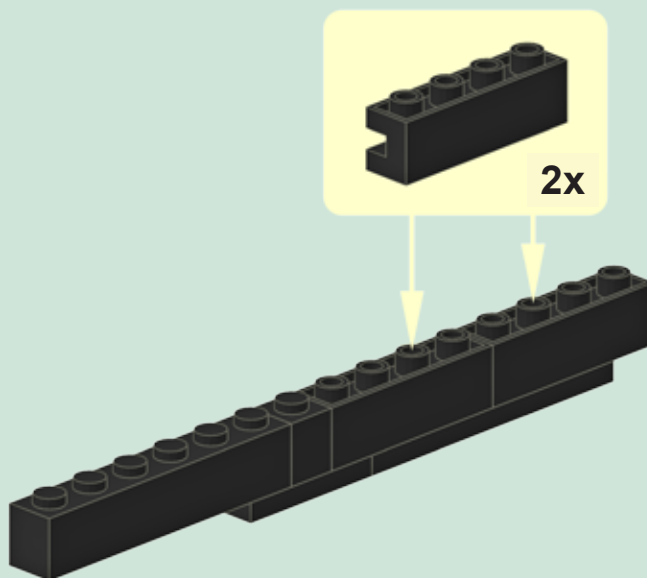
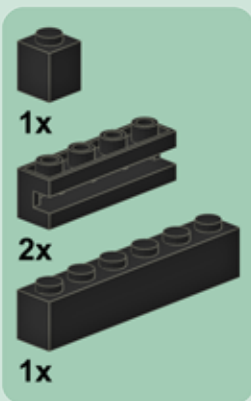
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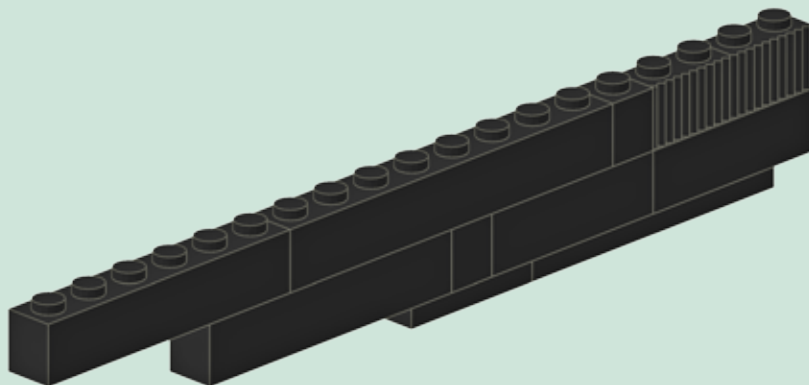
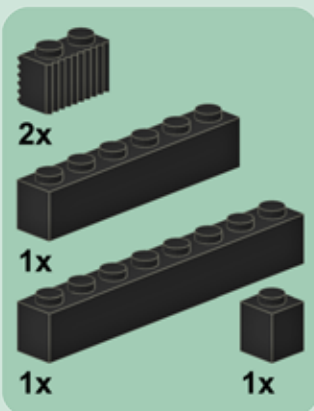
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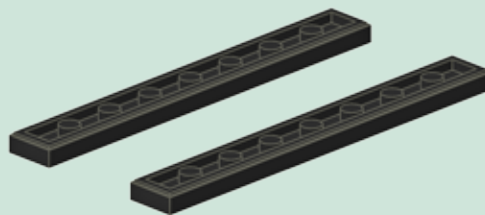
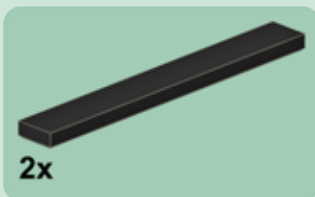
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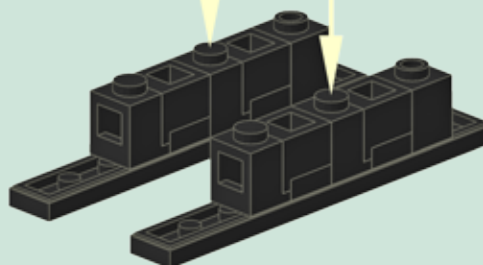
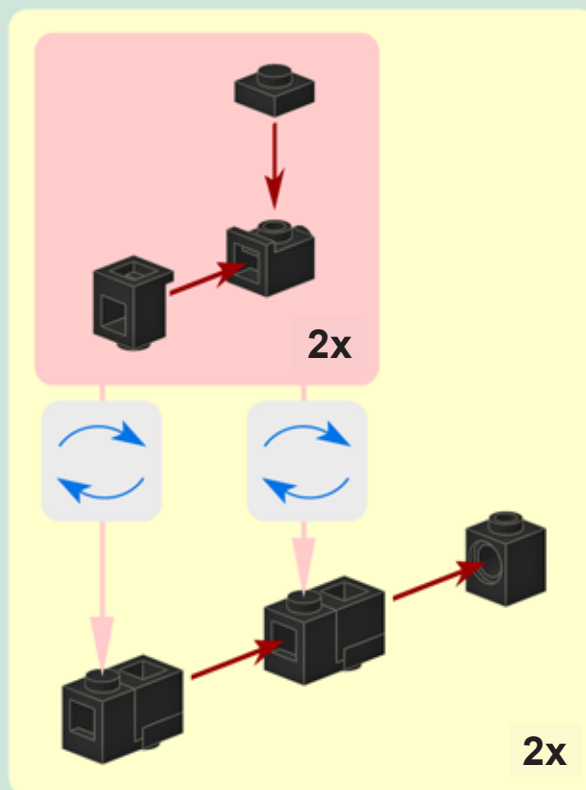
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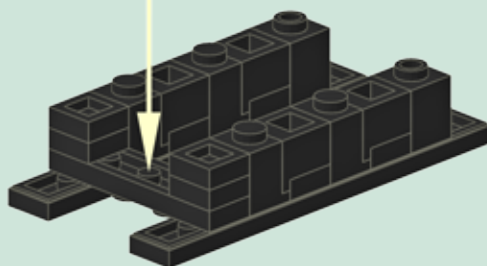
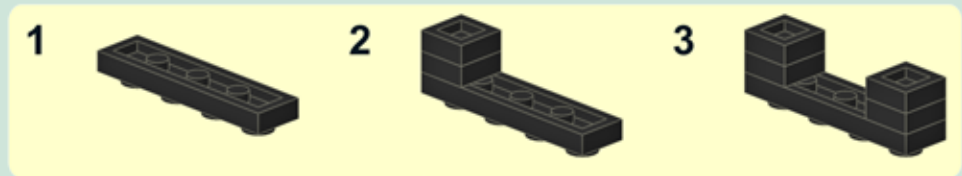
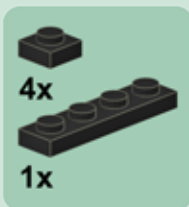
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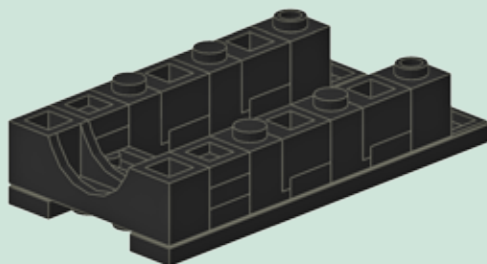
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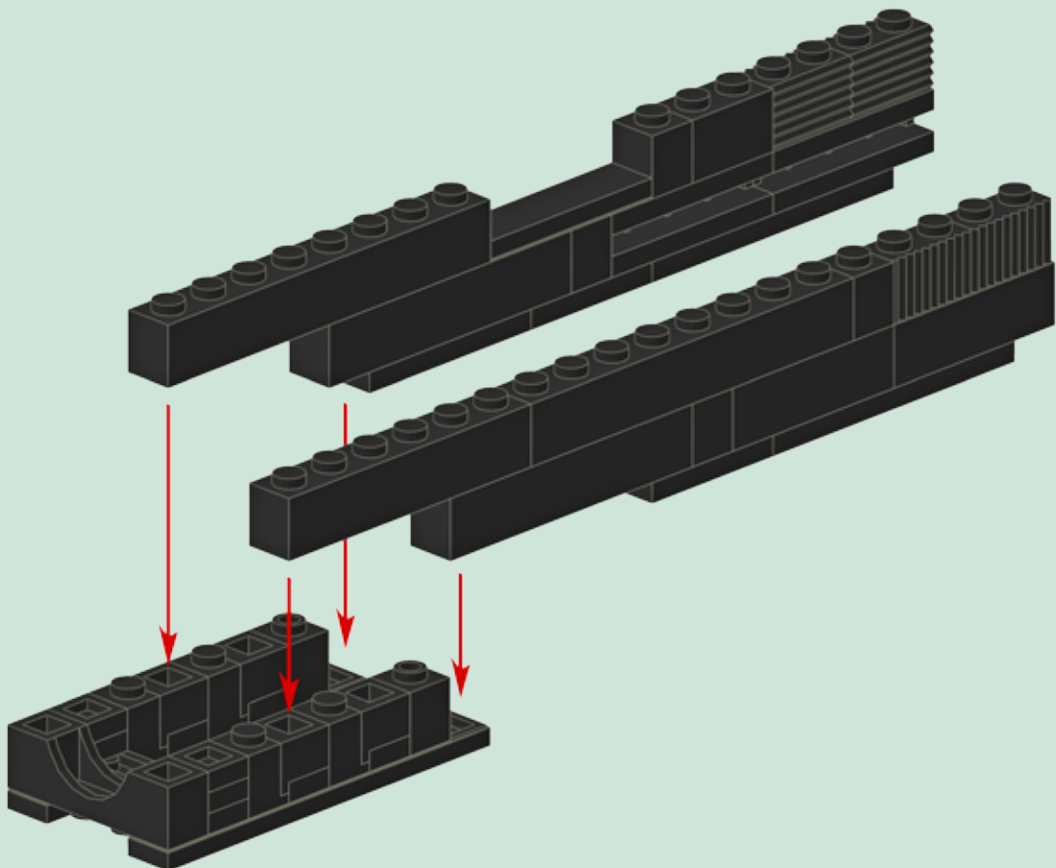
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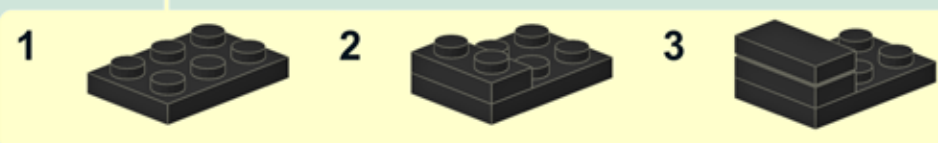
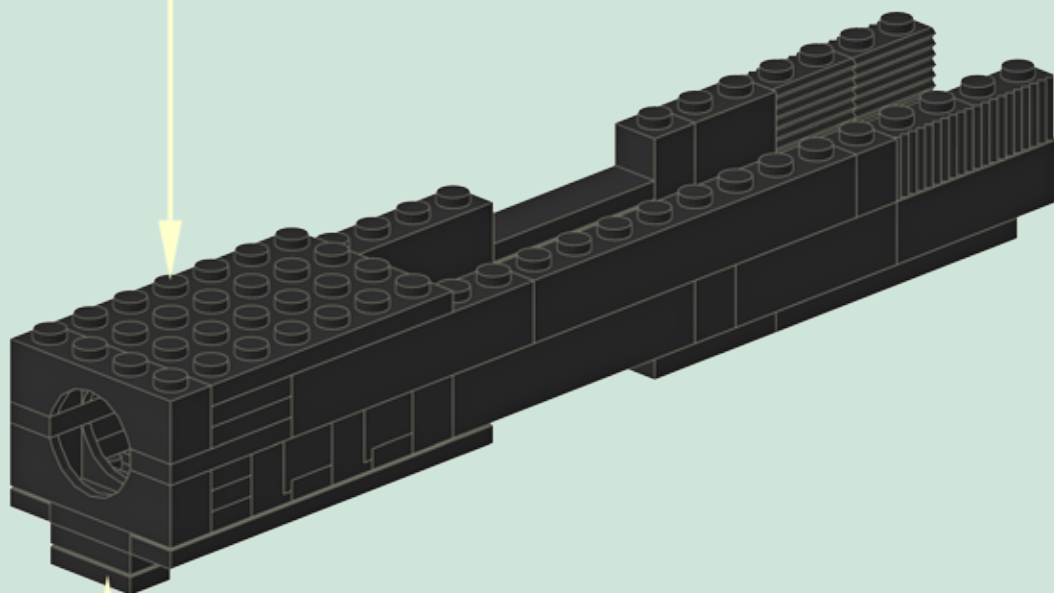
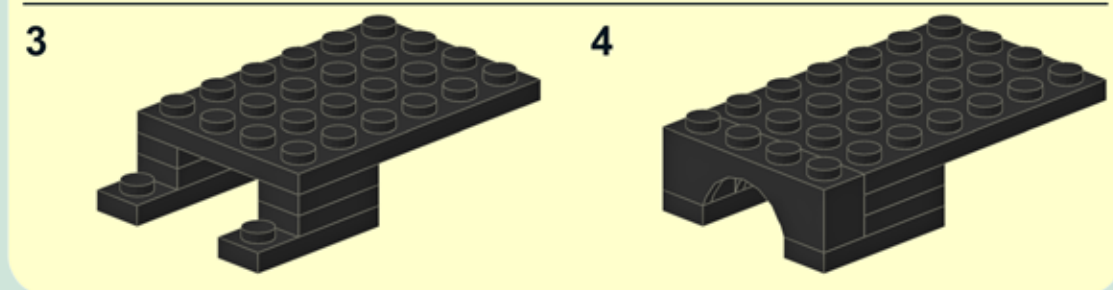
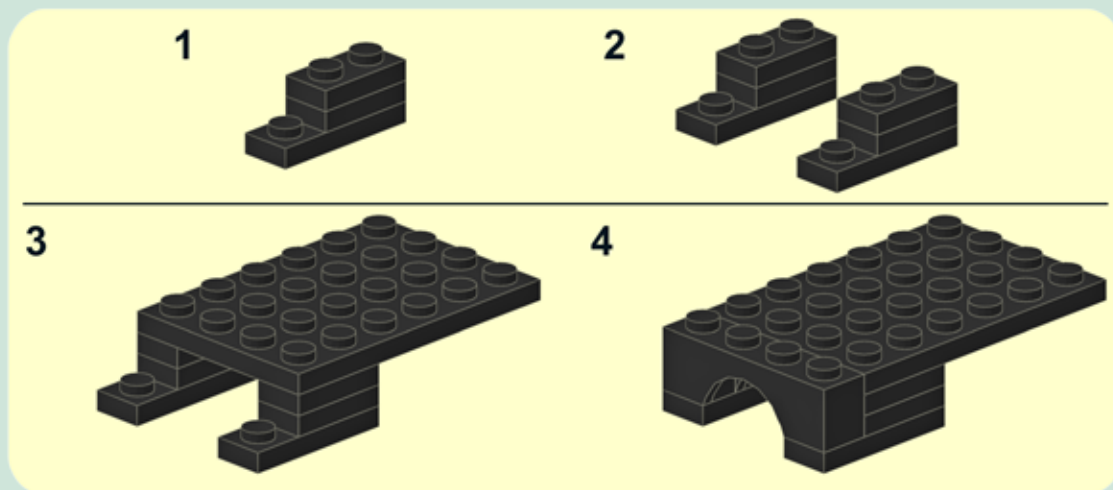
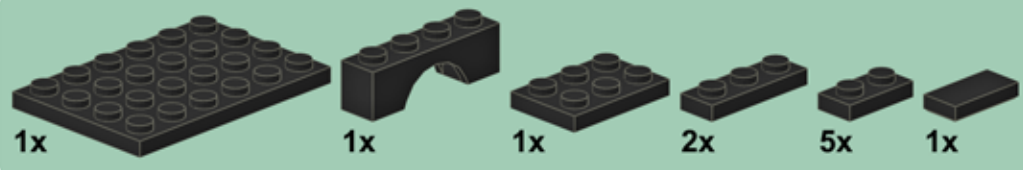
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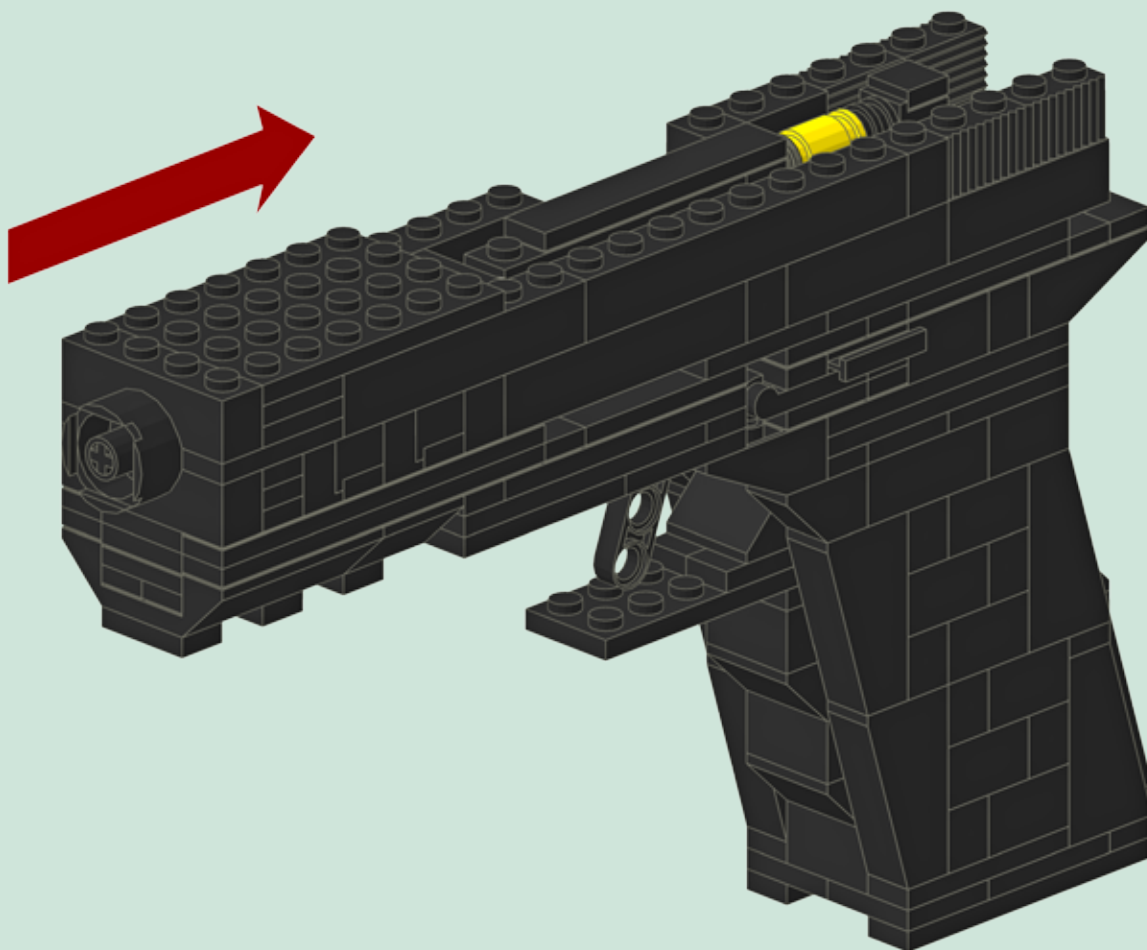
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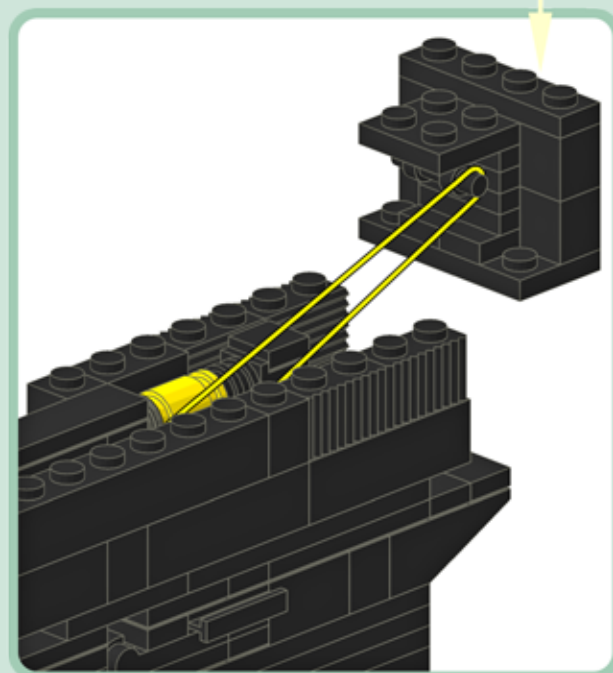
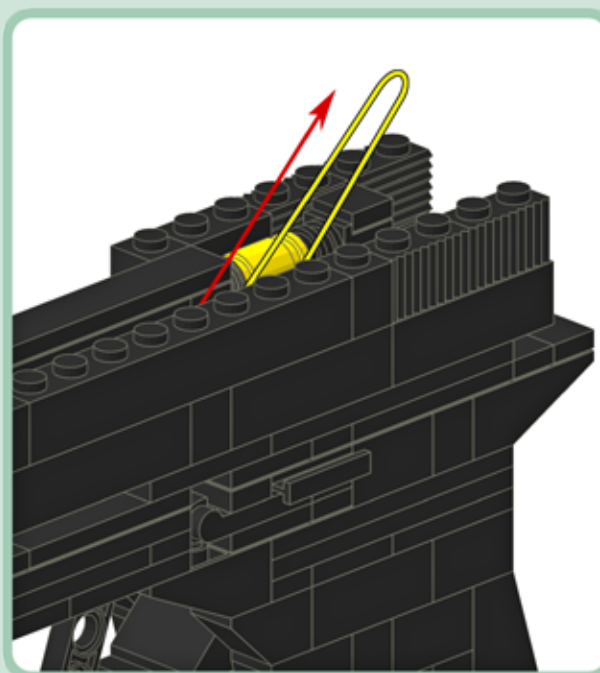
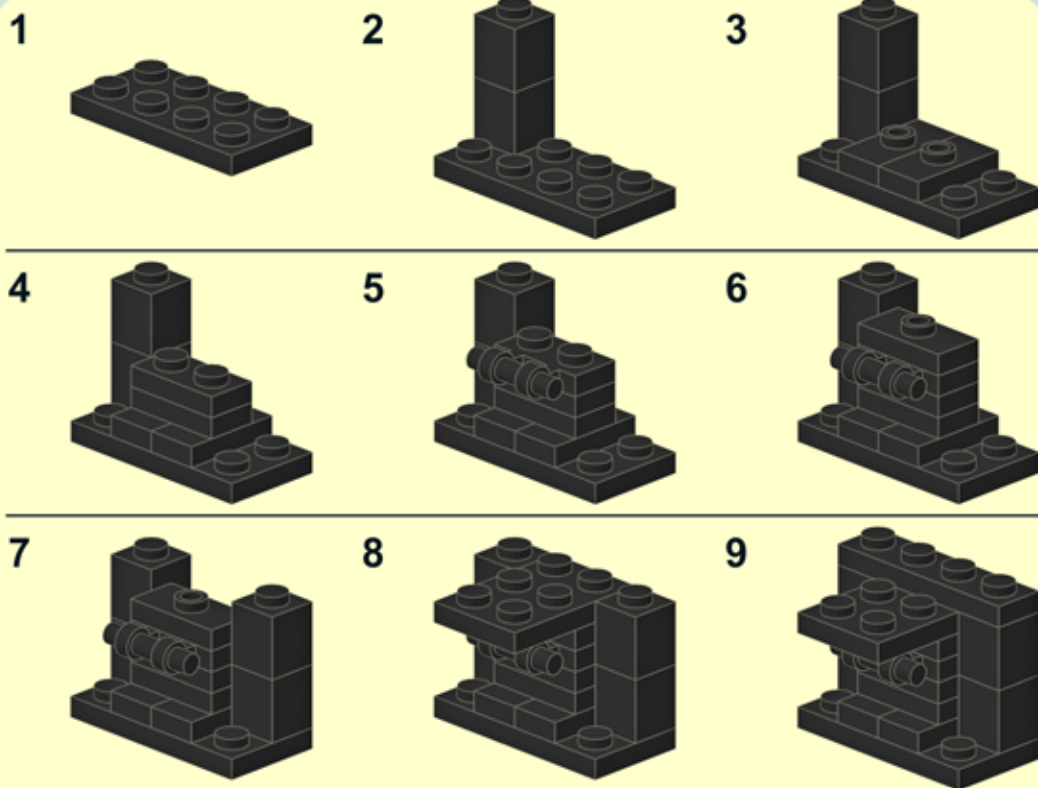
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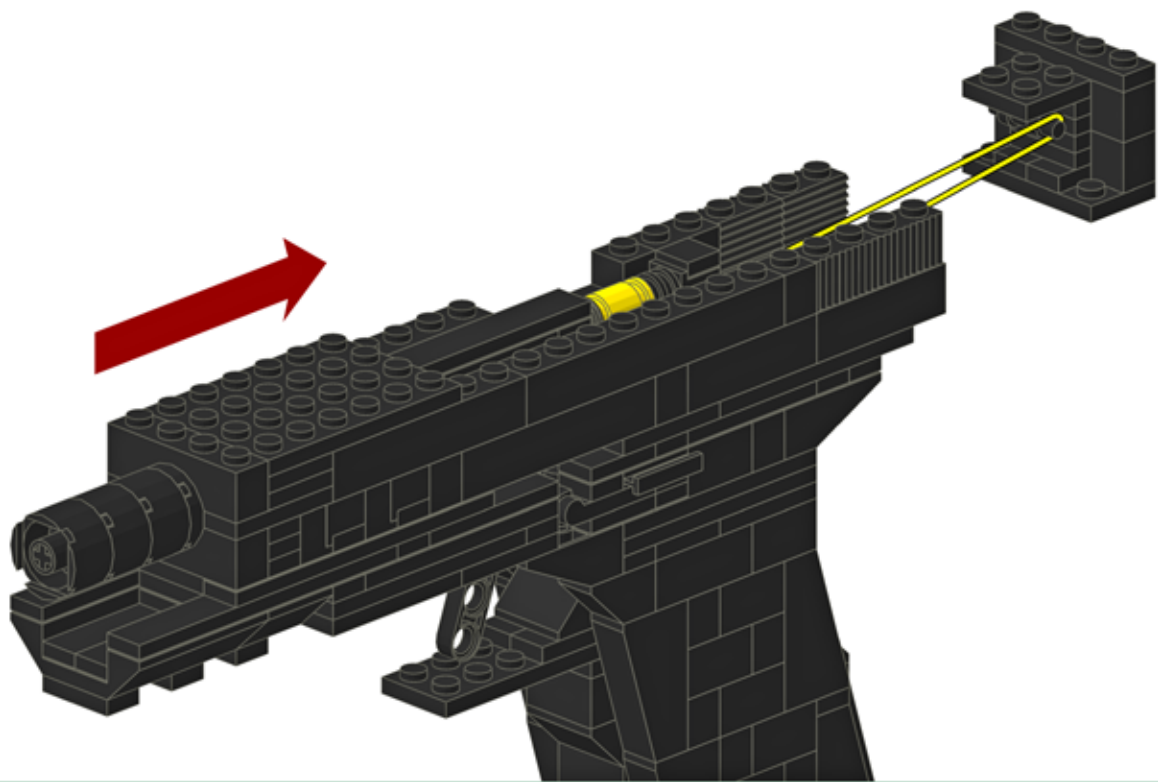


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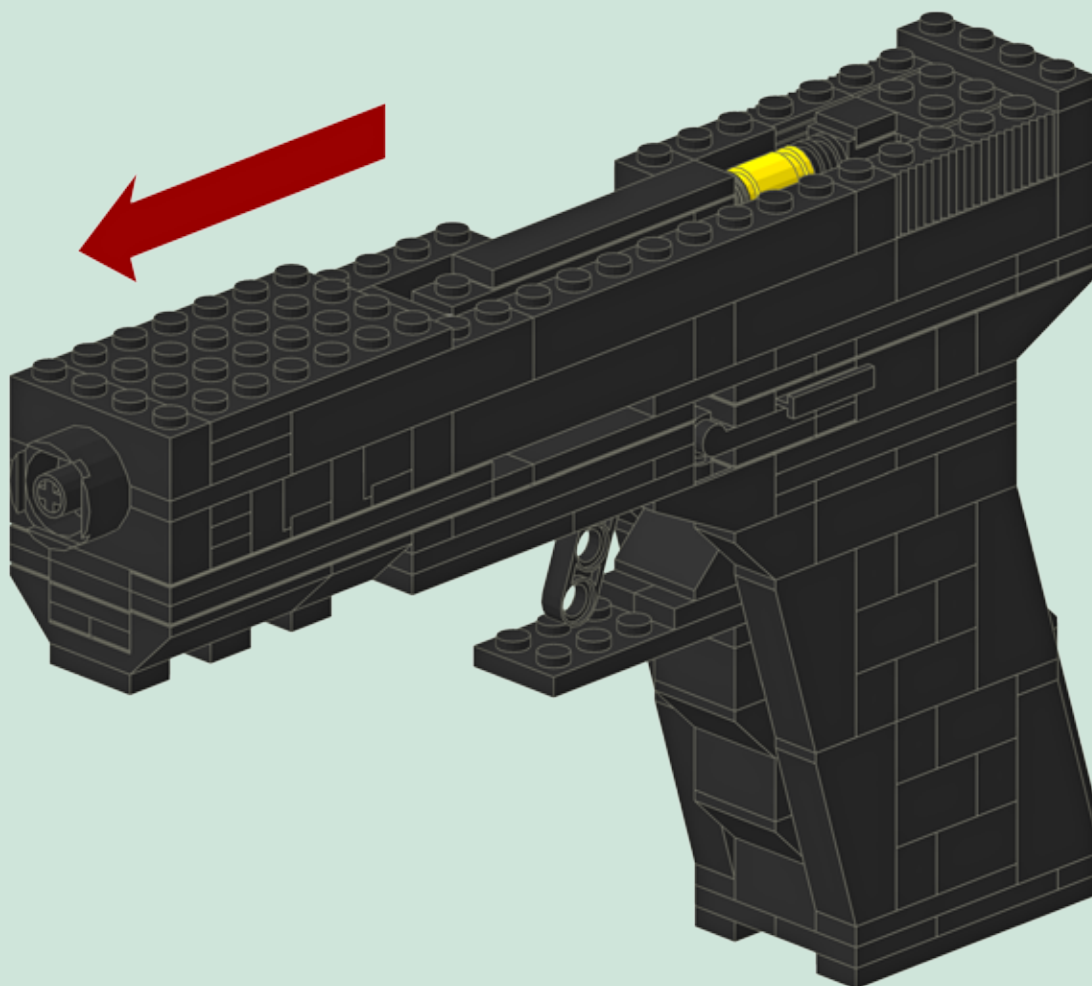
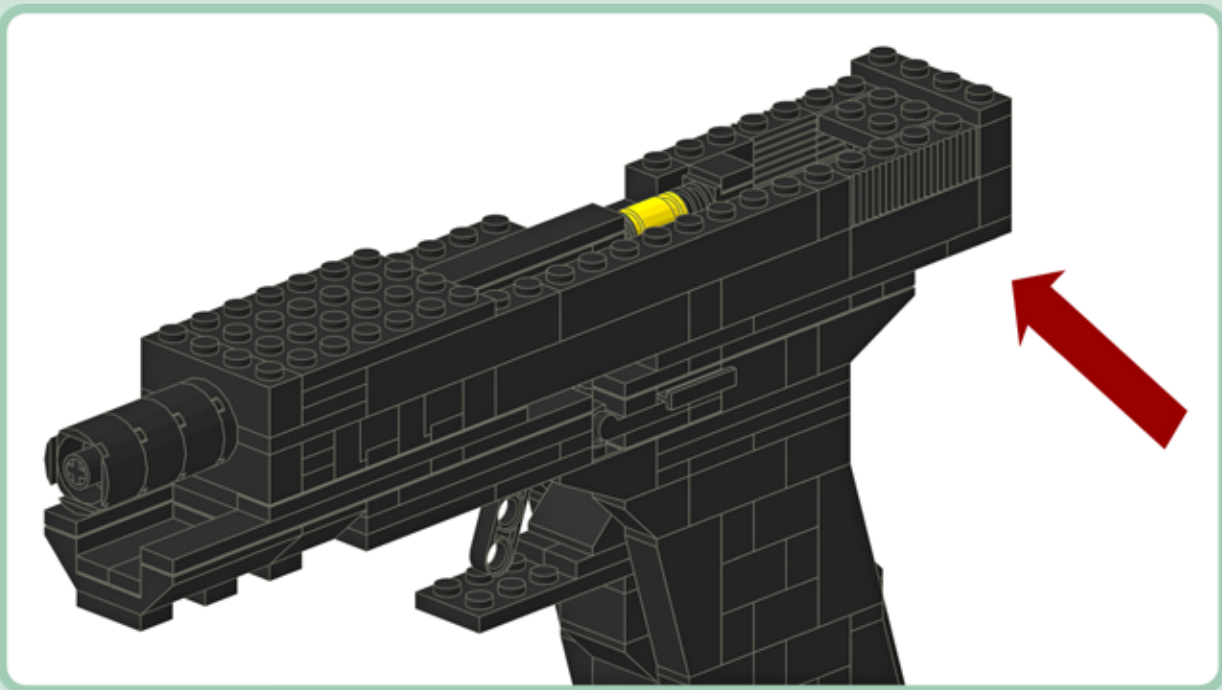


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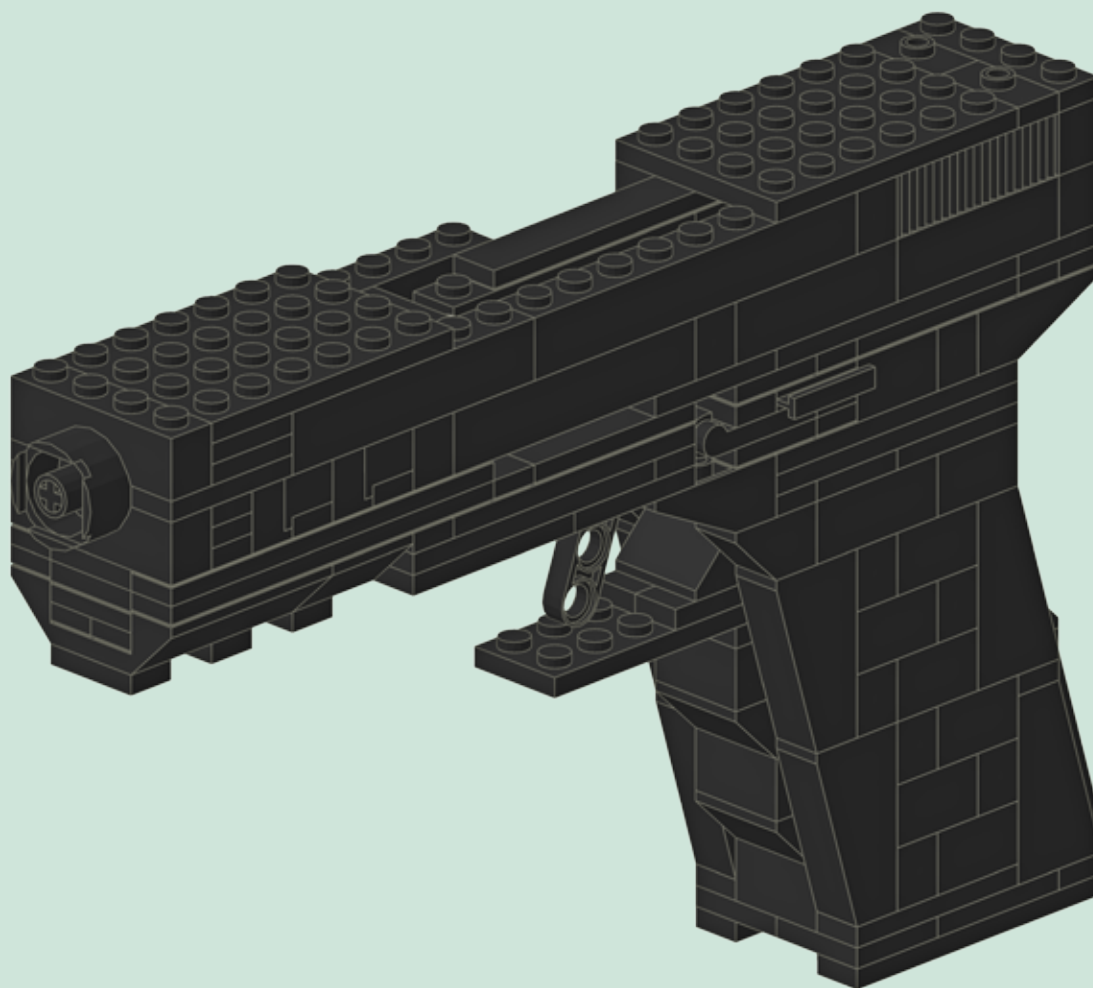
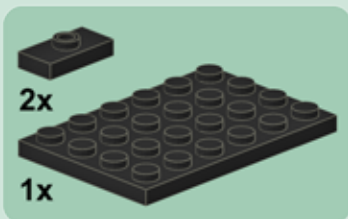




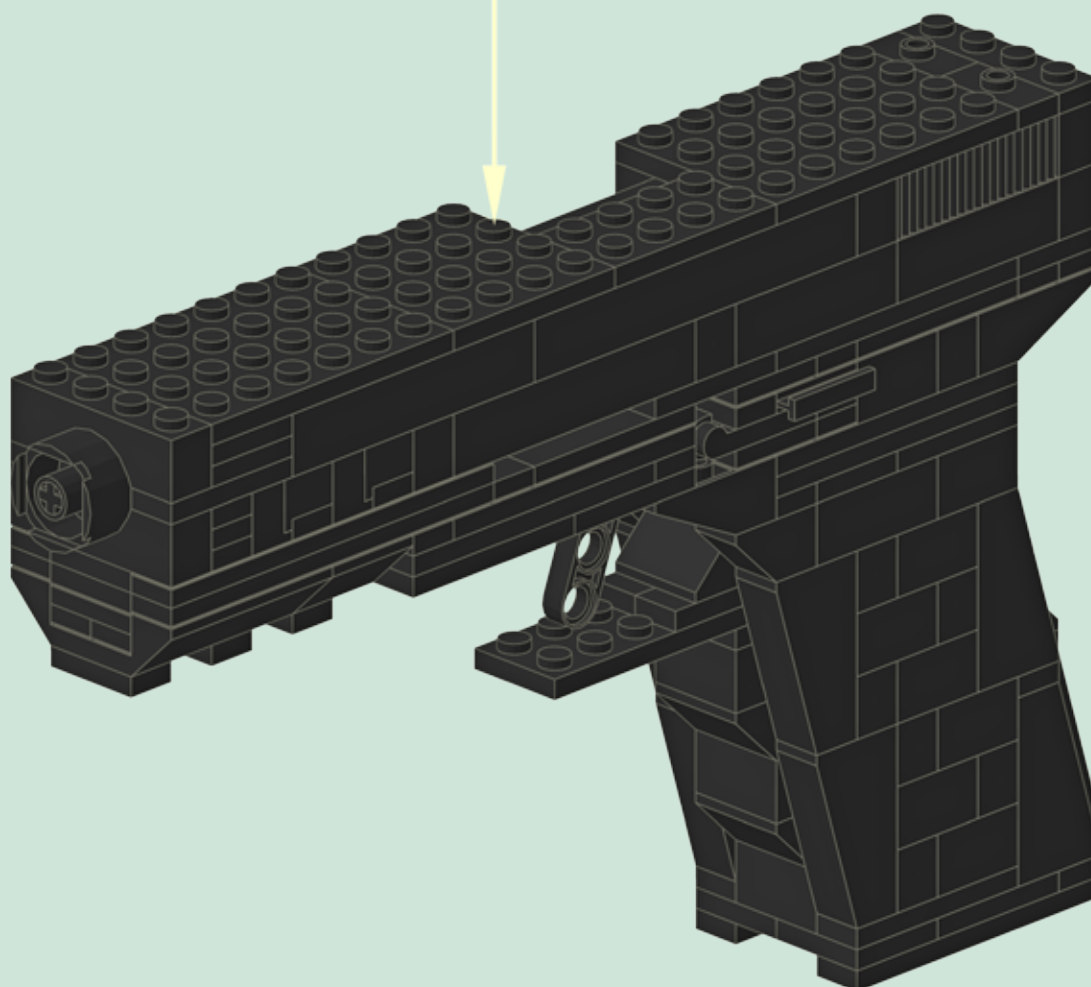
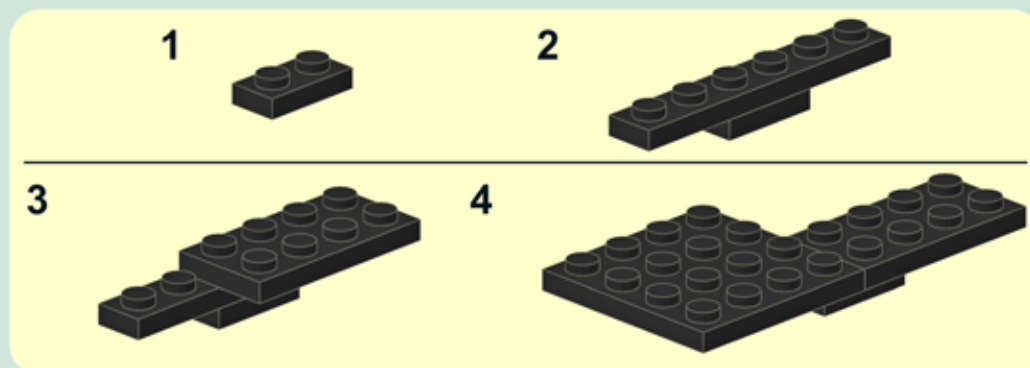
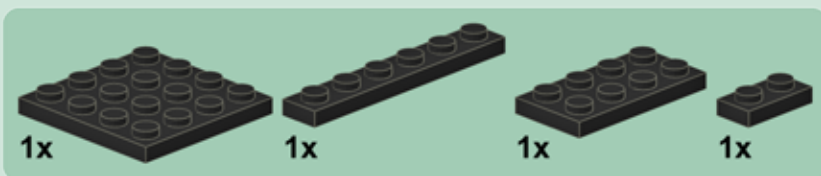
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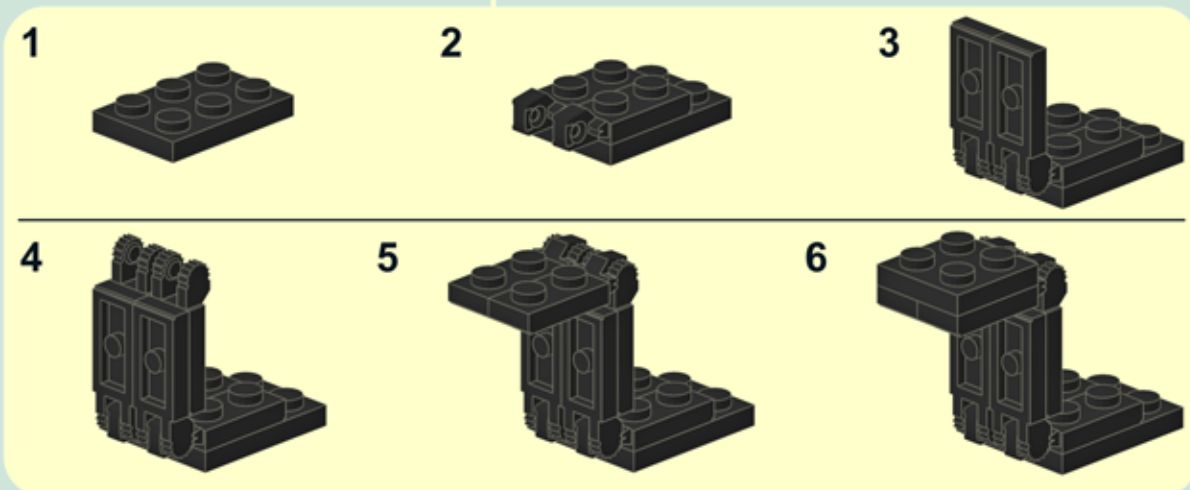
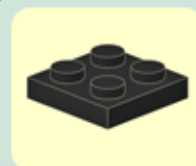
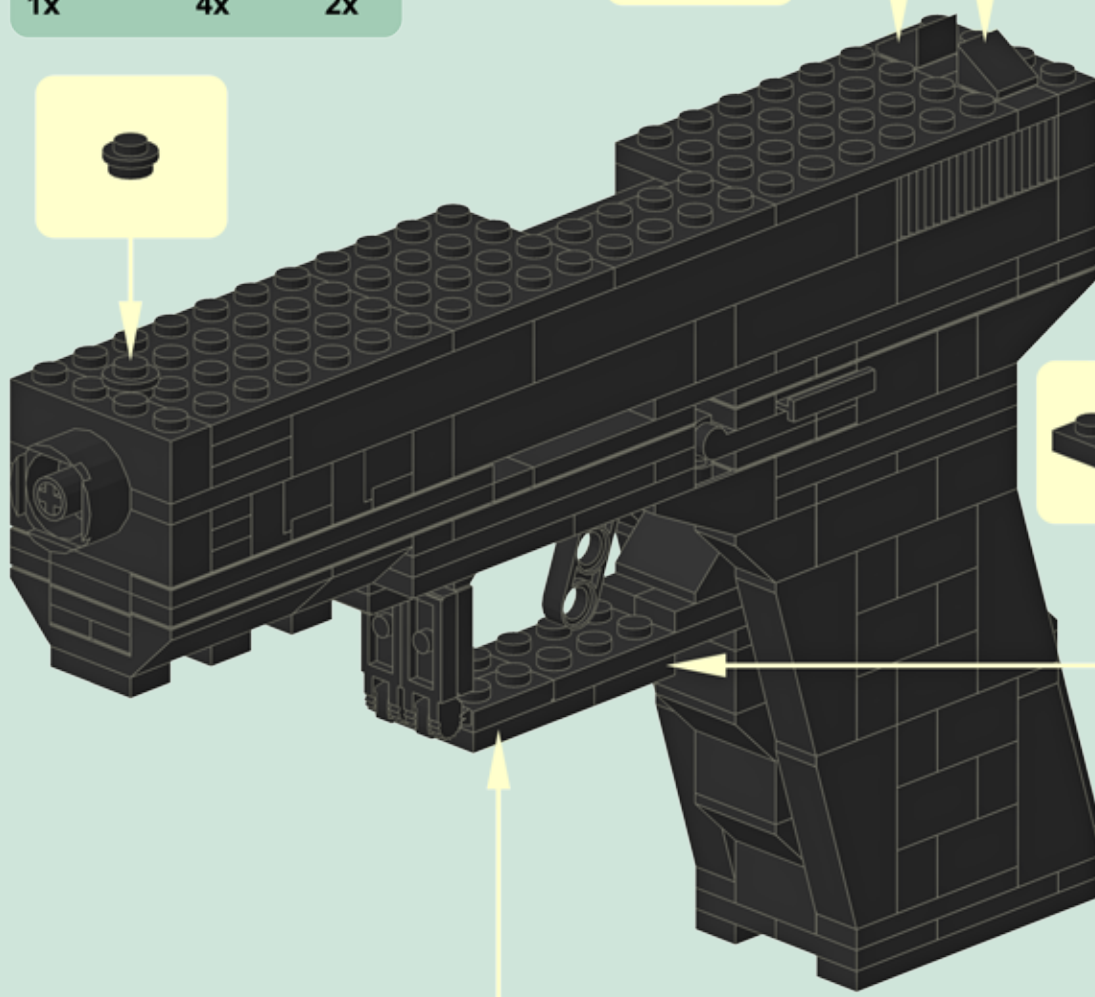
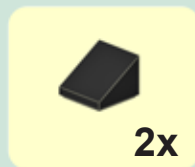
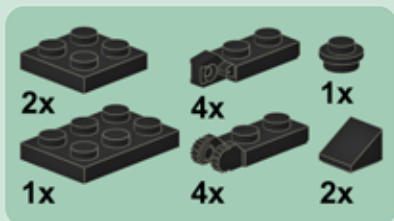
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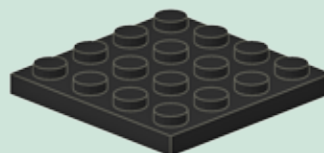
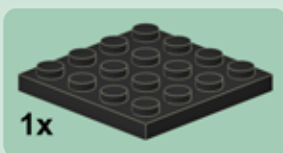
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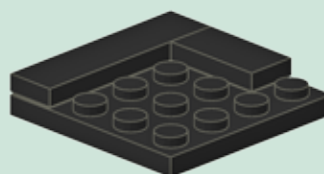
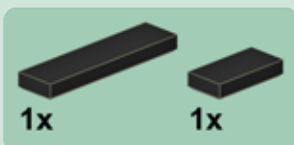
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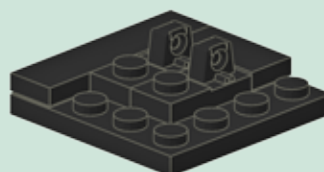
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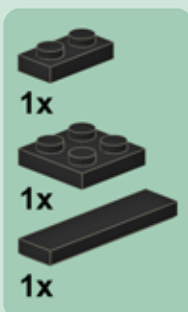
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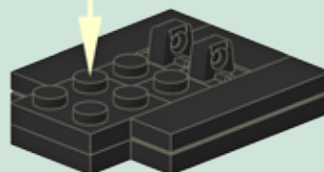
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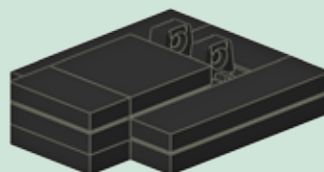
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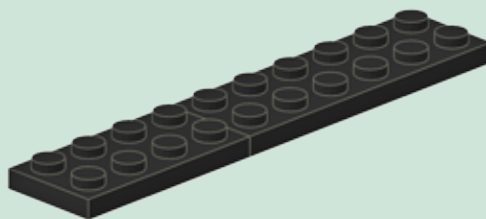
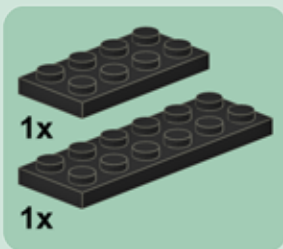
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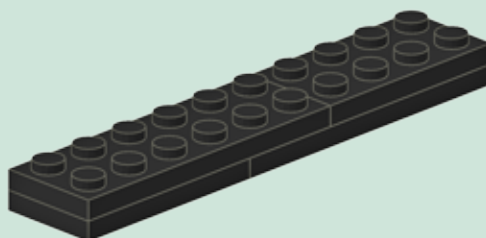
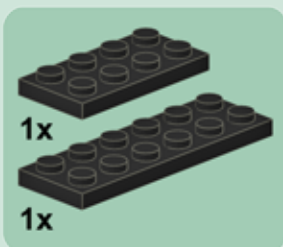
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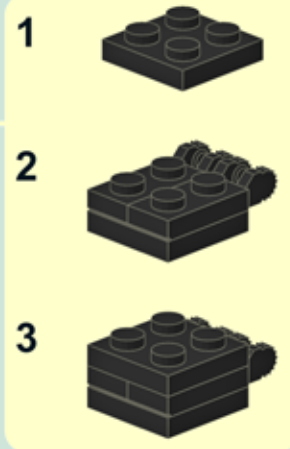
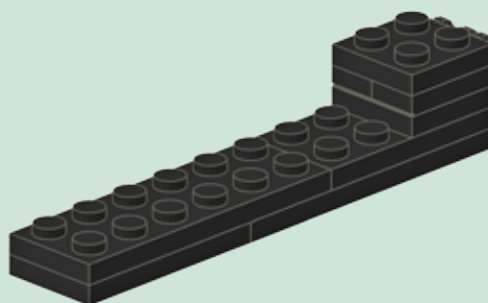
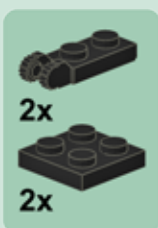
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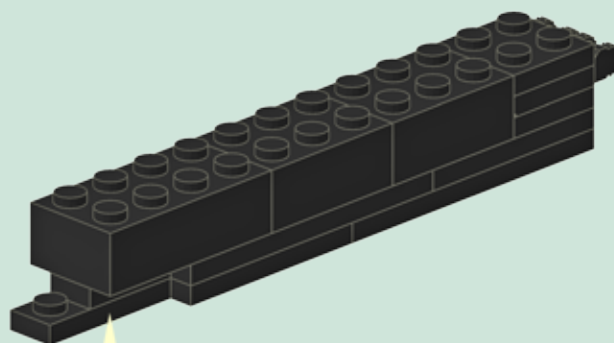
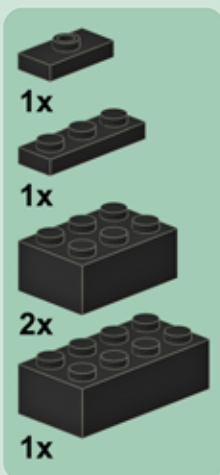
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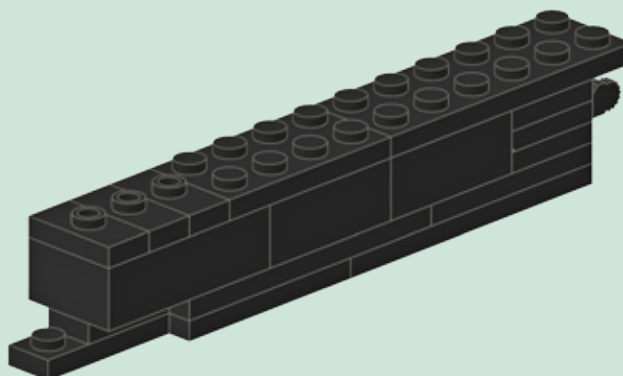
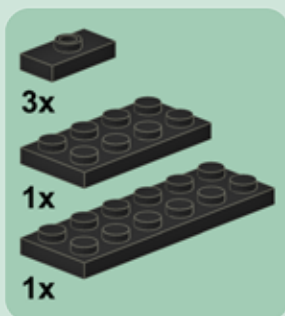
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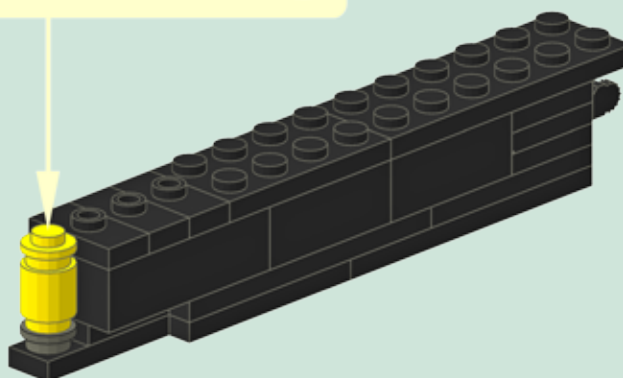
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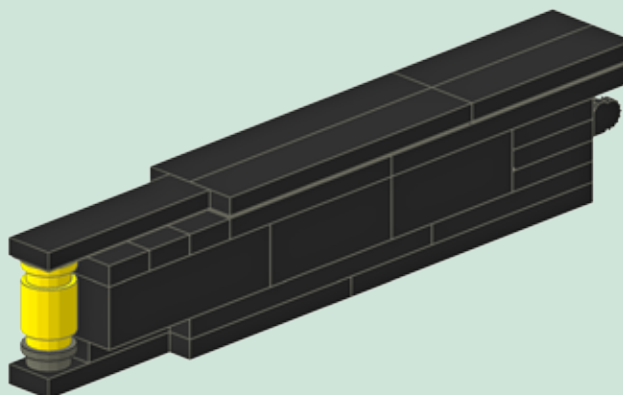
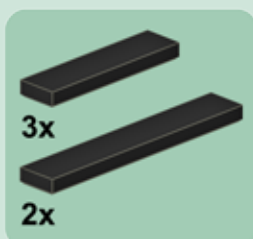
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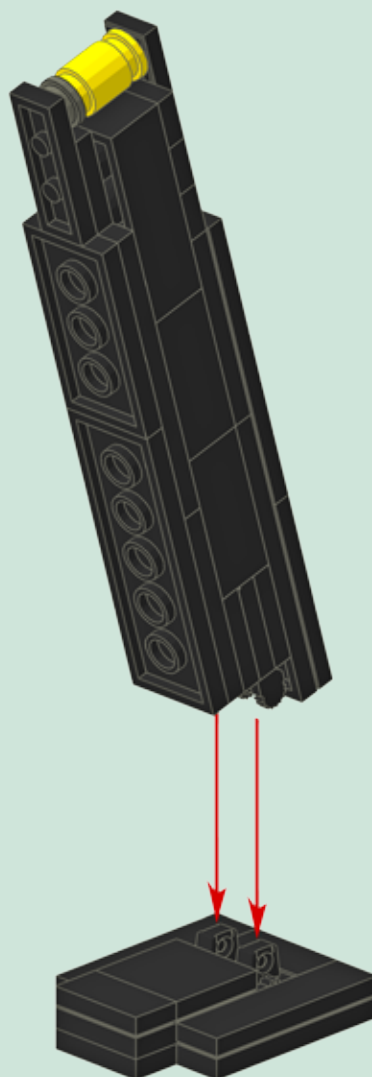


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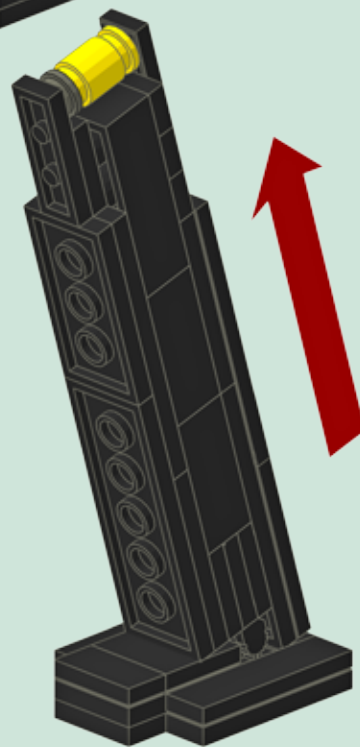
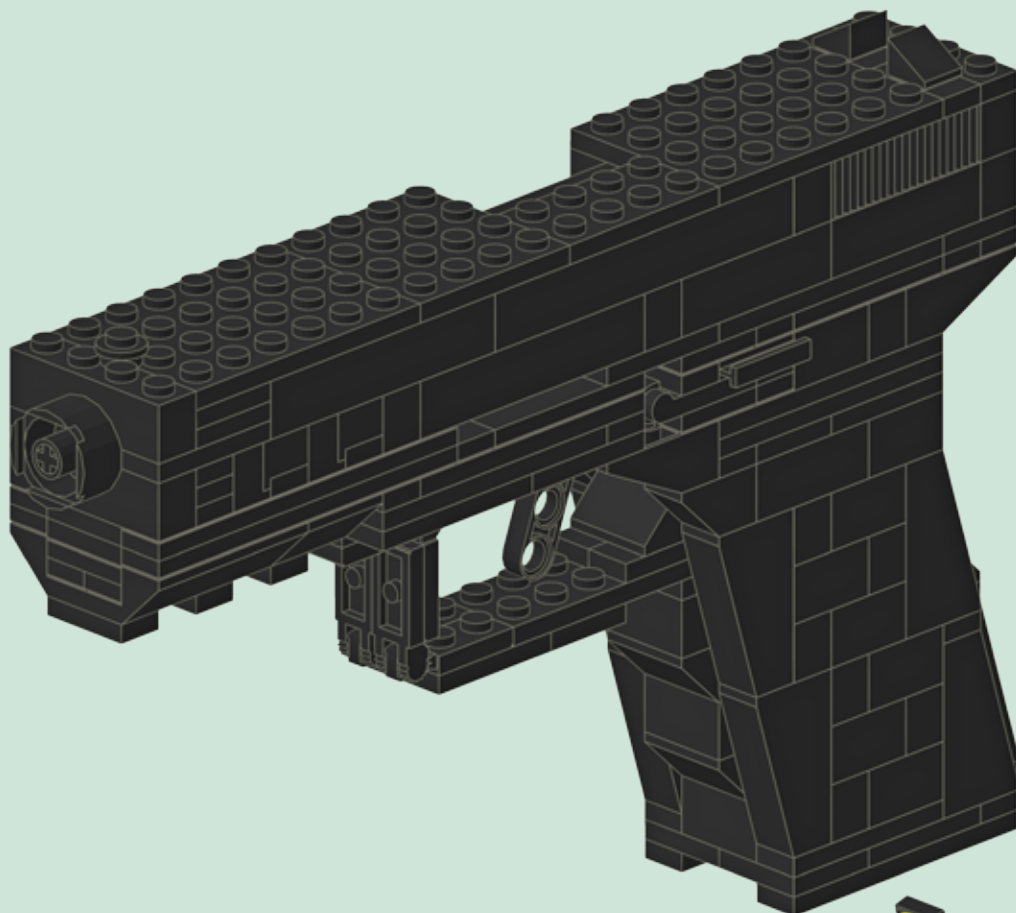


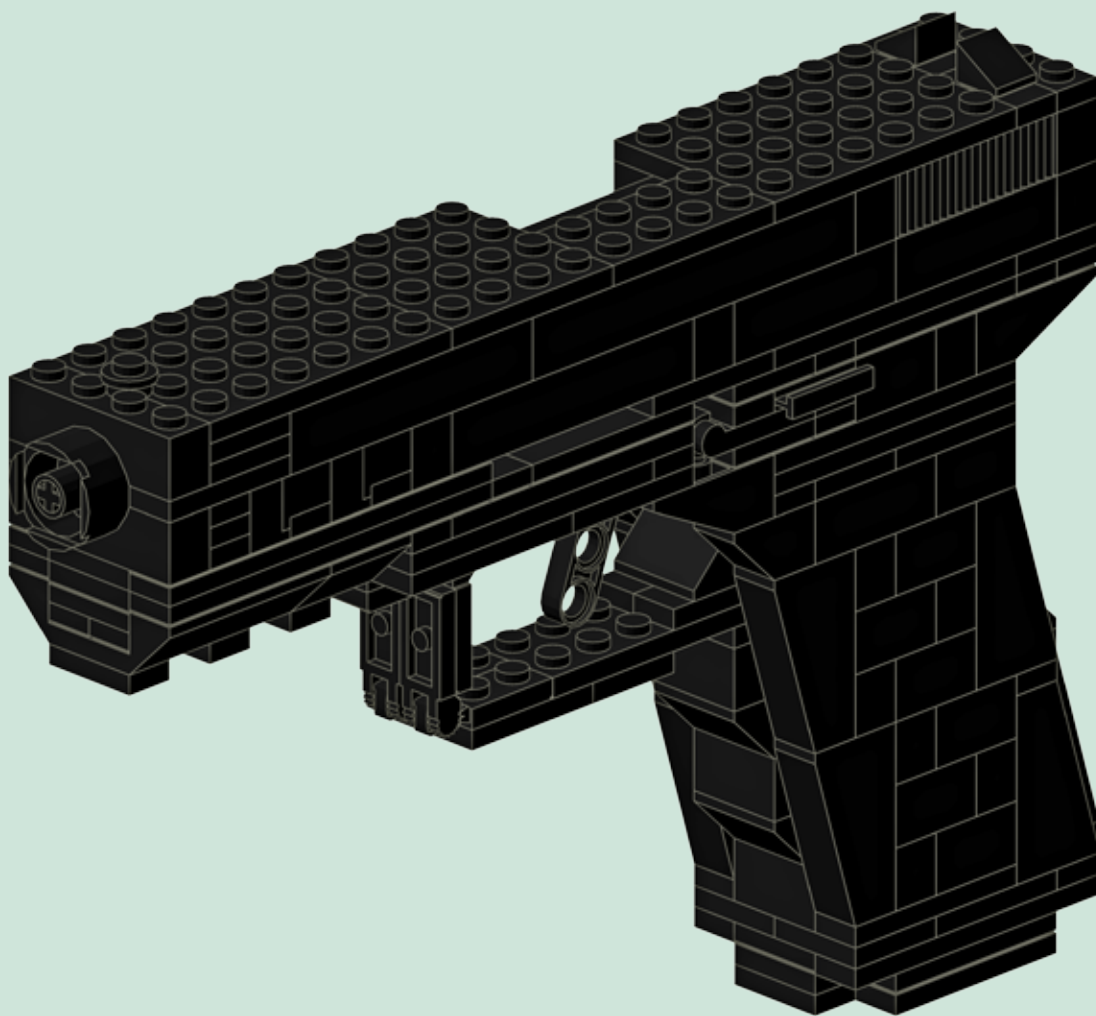
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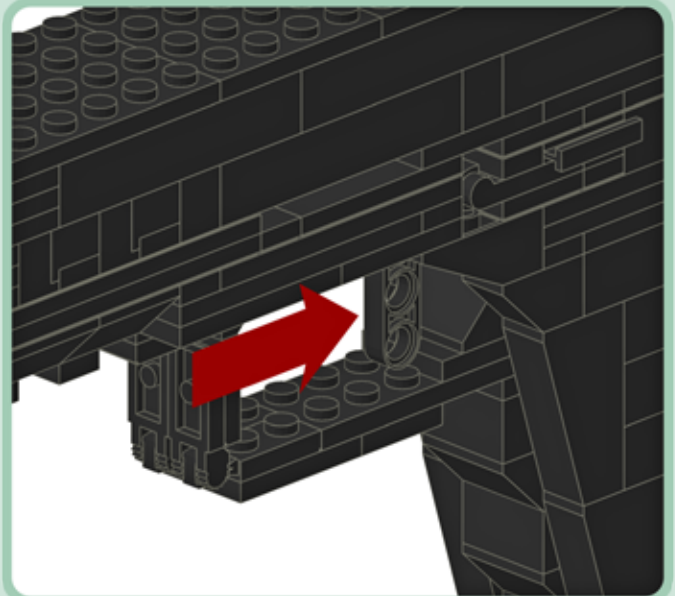
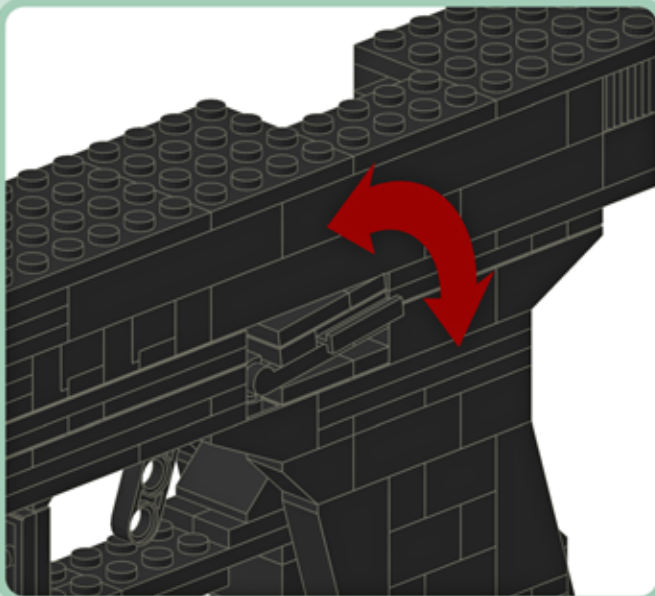
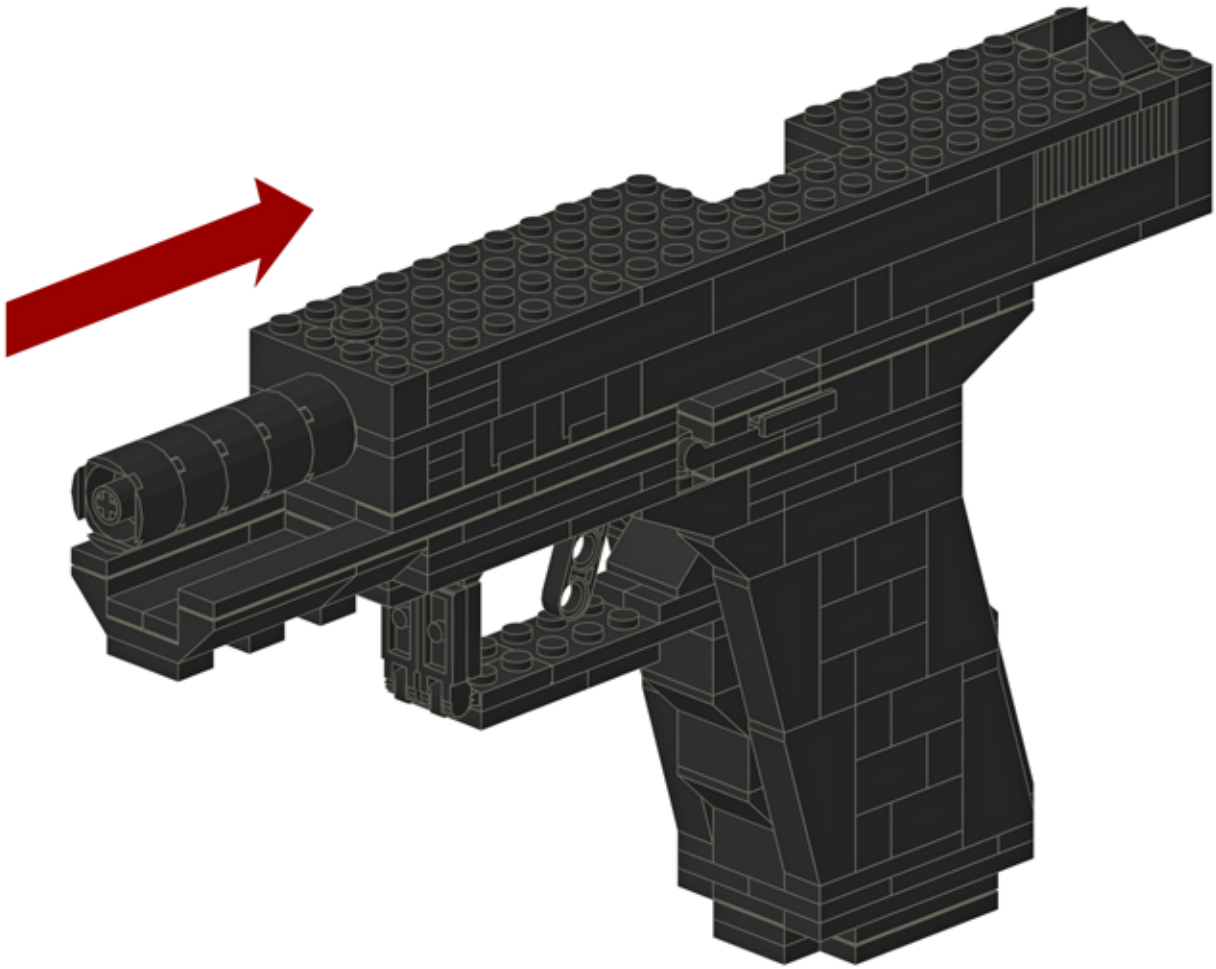




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92FS

BrickGun 92FS Parts List			
Qty	Part #	Color	Description
5	3005	Black	Brick 1 × 1
12	3004	Black	Brick 1 × 2
2	3622	Black	Brick 1 × 3
9	3010	Black	Brick 1 × 4
1	3008	Black	Brick 1 × 8
1	6112	Black	Brick 1 × 12
2	3003	Black	Brick 2 × 2
2	3002	Black	Brick 2 × 3
2	3001	Black	Brick 2 × 4
2	4070	Black	Brick Modified 1 × 1 with Headlight
5	2877	Black	Brick Modified 1 × 2 with Grille
1	30236	Black	Brick Modified 1 × 2 with Handle
2	2653	Black	Brick Modified 1 × 4 with Groove
12	3941	Black	Brick Round 2 × 2
3	44301	Black	Hinge Plate 1 × 2 Locking with 1 Finger on End
1	44567	Black	Hinge Plate 1 × 2 Locking with 1 Finger on Side
4	44302	Black	Hinge Plate 1 × 2 Locking with 2 Fingers on End
2	4276	Black	Hinge Plate 1 × 2 with 2 Fingers
2	4275	Black	Hinge Plate 1 × 2 with 3 Fingers
7	3024	Black	Plate 1 × 1
18	3023	Black	Plate 1 × 2
10	3623	Black	Plate 1 × 3
11	3710	Black	Plate 1 × 4
12	3666	Black	Plate 1 × 6
6	3460	Black	Plate 1 × 8
9	3022	Black	Plate 2 × 2
5	2420	Black	Plate 2 × 2 Corner
4	3021	Black	Plate 2 × 3
7	3020	Black	Plate 2 × 4
2	3795	Black	Plate 2 × 6
1	3031	Black	Plate 4 × 4
1	4081b	Black	Plate Modified 1 × 1 with Clip Light - Thick Ring
5	3794	Black	Plate Modified 1 × 2 with 1 Stud
1	32028	Black	Plate Modified 1 × 2 with Door Rail
1	2540	Black	Plate Modified 1 × 2 with Handle on Side - Free Ends

BrickGun 92FS Parts List (cont'd)			
Qty	Part #	Color	Description
1	2817	Black	Plate Modified 2 × 2 with Pin Holes
2	4073	Black	Plate Round 1 × 1 Straight Side
1	3298	Black	Slope 33° 3 × 2
4	3040	Black	Slope 45° 2 × 1
7	3039	Black	Slope 45° 2 × 2
2	3045	Black	Slope 45° 2 × 2 Double Convex
8	4460	Black	Slope 75° 2 × 1 × 3
3	4287	Black	Slope Inverted 33° 3 × 1
2	3665	Black	Slope Inverted 45° 2 × 1
2	3660	Black	Slope Inverted 45° 2 × 2
1	4871	Black	Slope Inverted 45° 4 × 2 Double
6	2449	Black	Slope Inverted 75° 2 × 1 × 3
1	3704	Black	Technic Axle 2
1	4519	Black	Technic Axle 3
1	3705	Black	Technic Axle 4
1	3737	Black	Technic Axle 10
1	41677	Black	Technic Liftarm 1 × 2 Thin
2	6632	Black	Technic Liftarm 1 × 3 Thin
2	2825	Black	Technic Liftarm 1 × 4 Thin with Stud Connector
1	32316	Black	Technic Liftarm 1 × 5 Thick
1	32063	Black	Technic Liftarm 1 × 6 Thin
1	32065	Black	Technic Liftarm 1 × 7 Thin
6	6541	Black	Technic Brick 1 × 1 with Hole
2	32000	Black	Technic Brick 1 × 2 with Holes
3	2780	Black	Technic Pin with Friction Ridges Lengthwise with Center Slots
2	2555	Black	Tile Modified 1 × 1 with Clip
6	3069b	Black	Tile 1 × 2
5	2431	Black	Tile 1 × 4
4	6636	Black	Tile 1 × 6
1	4150	Black	Tile Round 2 × 2
2	3749	Light Grey	Technic Axle Pin without Friction Ridges Lengthwise
2	3713	Light Grey	Technic Bush
6	32123	Light Grey	Technic Bush 1/2 Smooth
3	n/a	n/a	Rubber Band - Small (9/16" or 14mm)
263 Total Parts			69 Part Types



5x



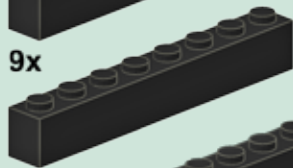
12x



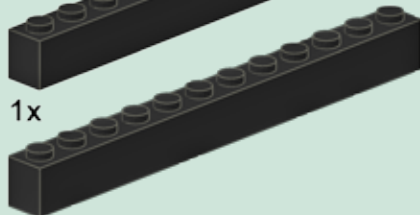
2x



9x



1x



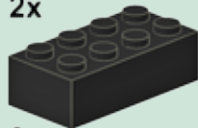
1x



2x



2x



2x



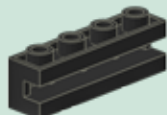
2x



5x



1x



2x



12x



3x



1x



4x



2x



2x



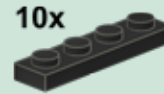
7x



18x



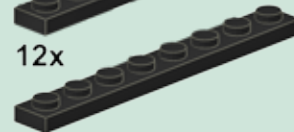
10x



11x



12x



6x



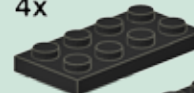
9x



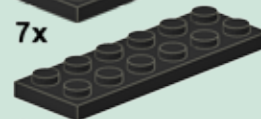
5x



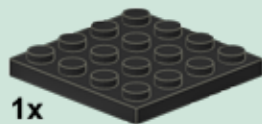
4x



7x



2x



1x



1x



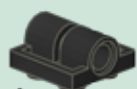
5x



1x



1x



1x

2x



1x



7x



2x



3x



2x



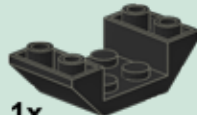
2x



2x



1x



6x



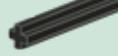
1x



1x



1x



1x



1x



2x



2x



1x



1x



1x



1x



6x



2x



2x



2x



5x



1x



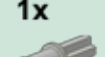
2x



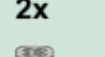
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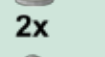
1x



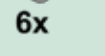
2x



2x



6x



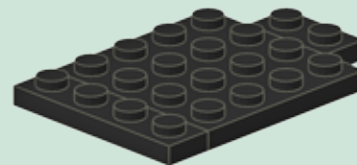
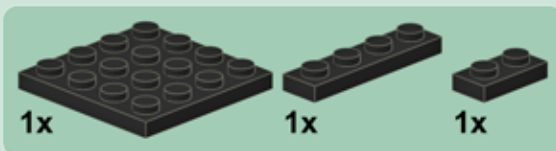
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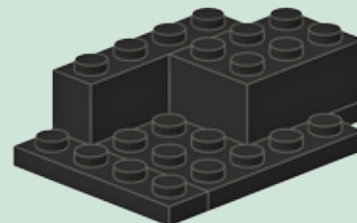
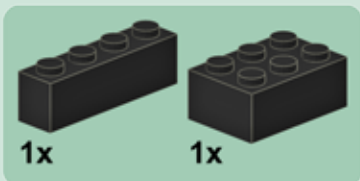
3x

Small
(9/16")
(14mm)

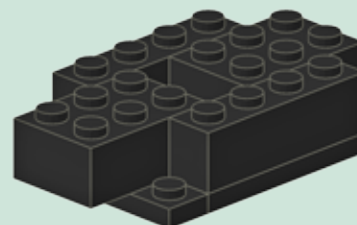
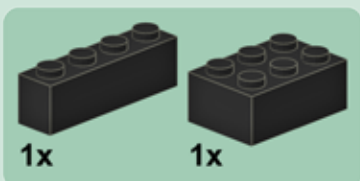
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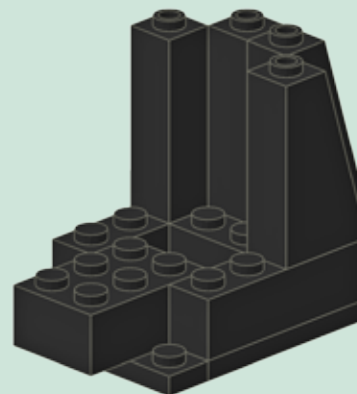
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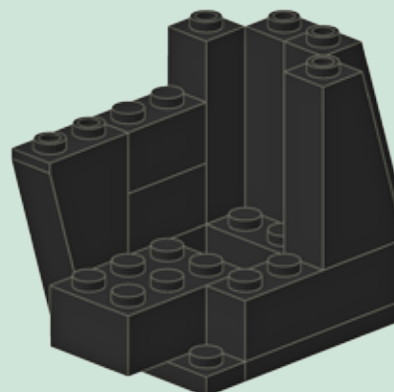
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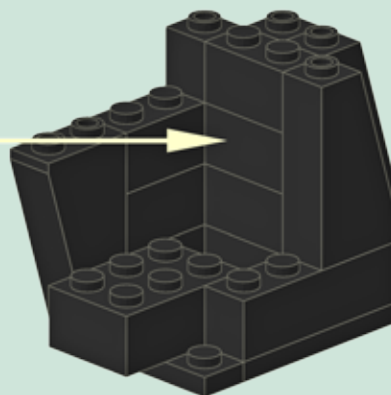
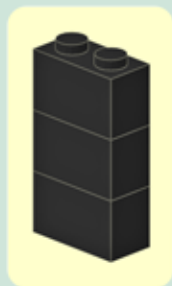
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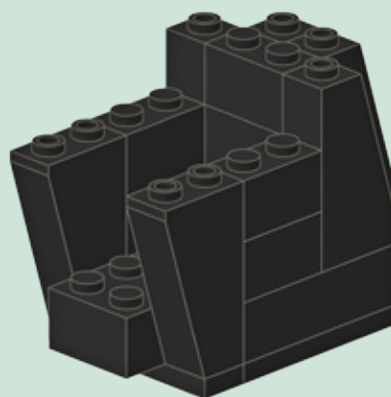
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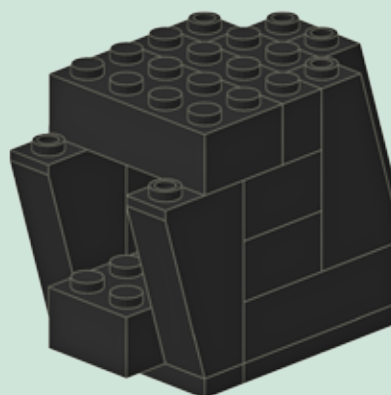
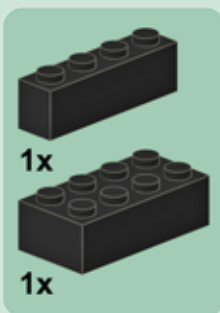
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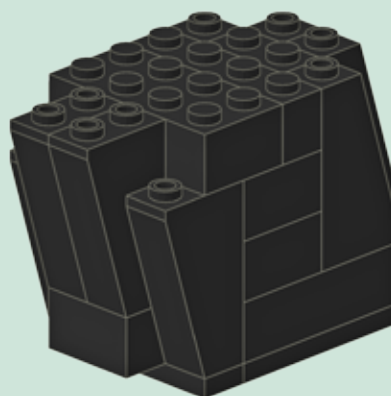
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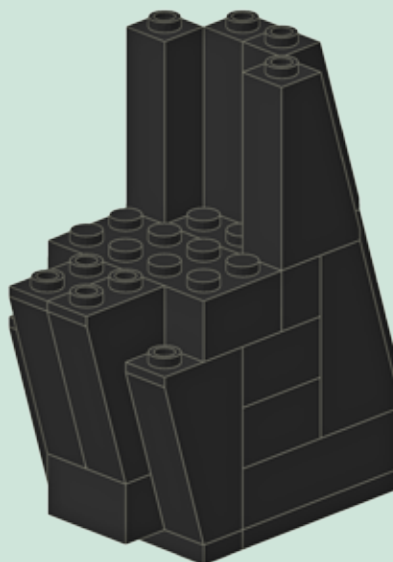
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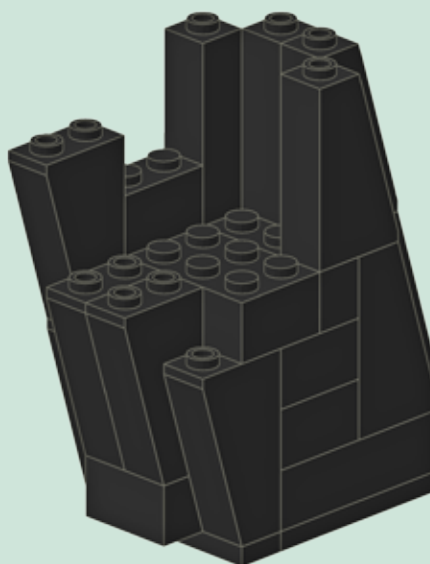
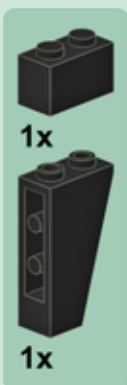
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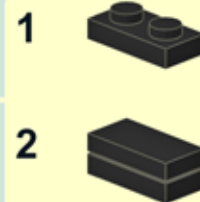
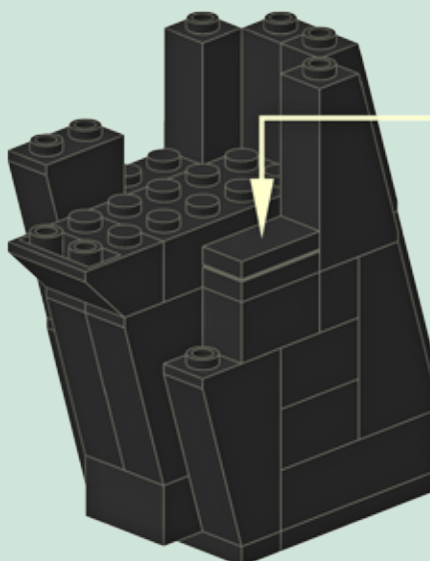
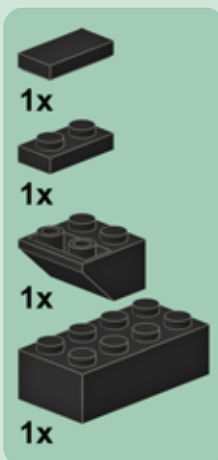
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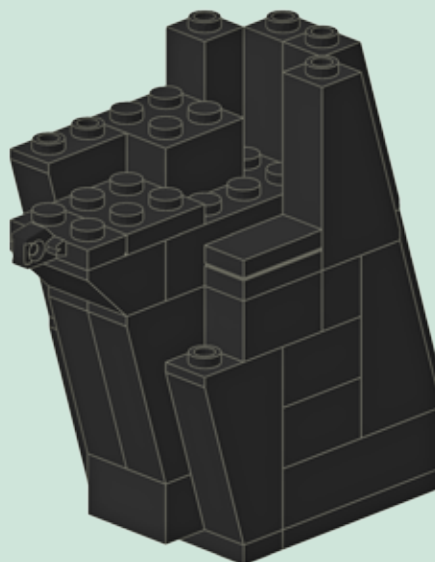
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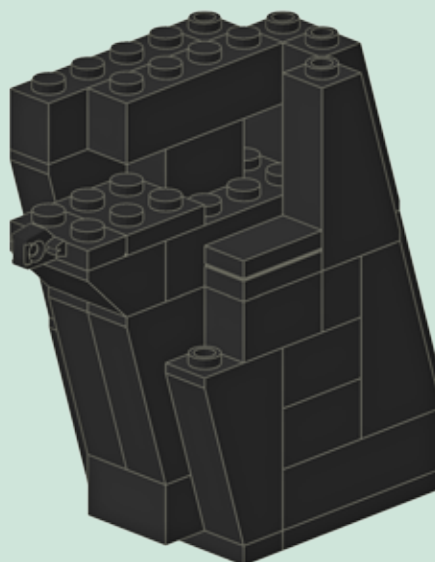
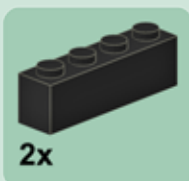
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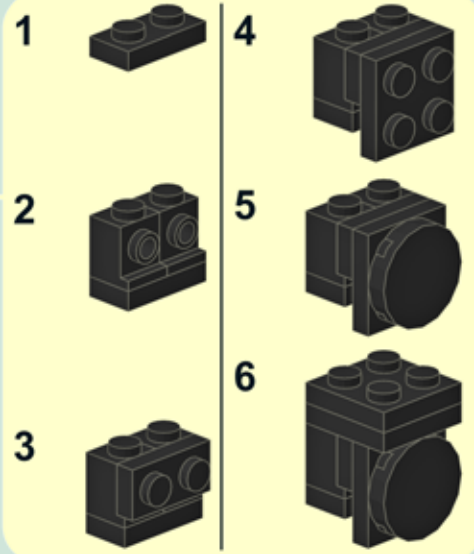
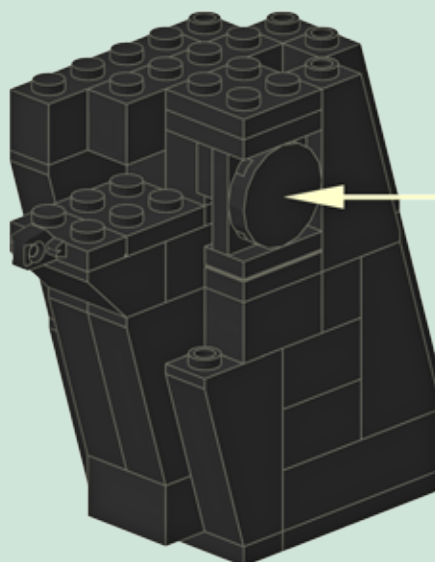
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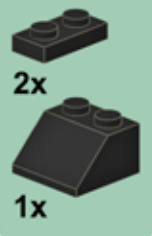
14



15



16



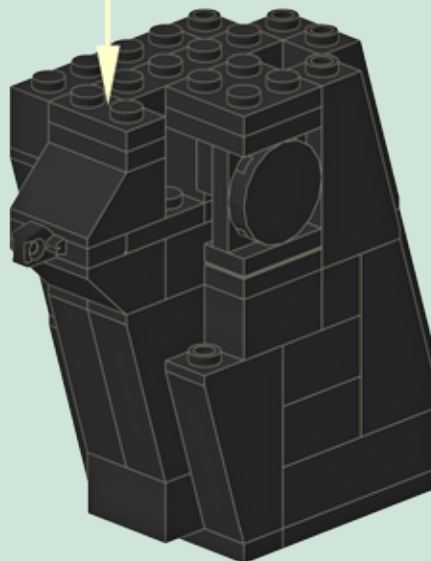
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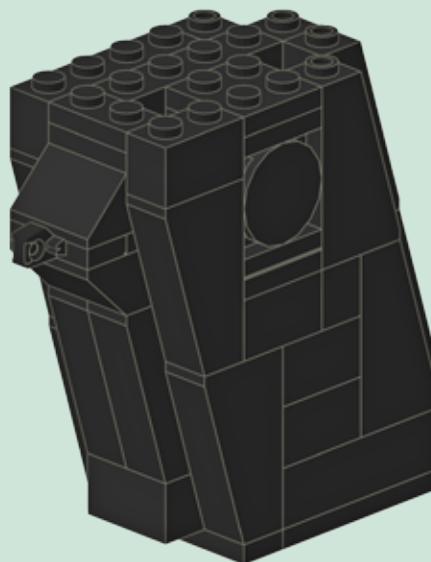
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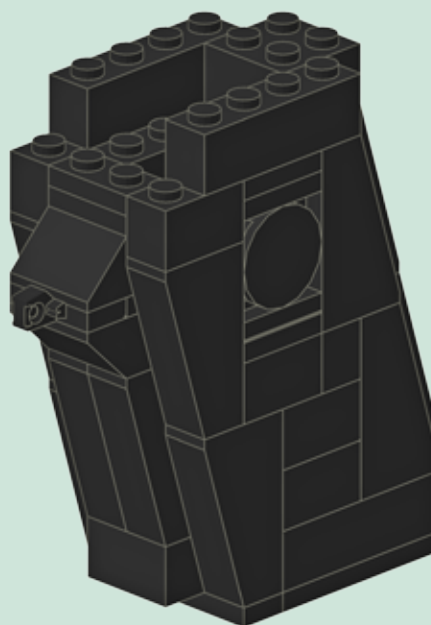
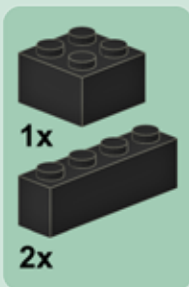
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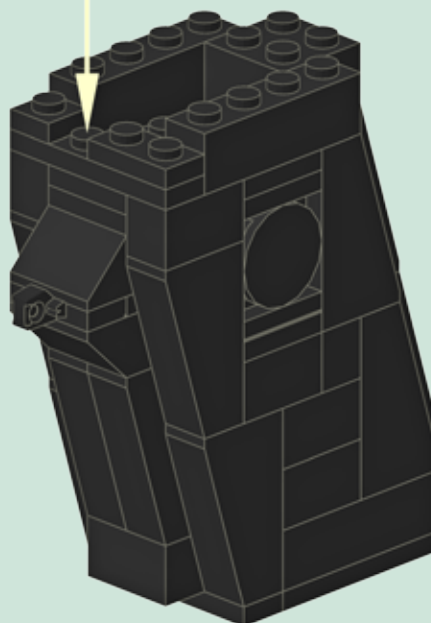
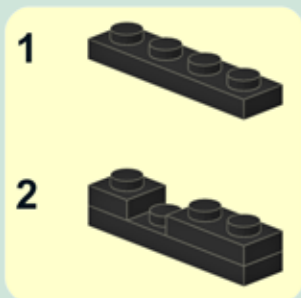
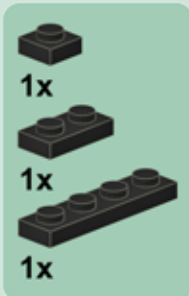
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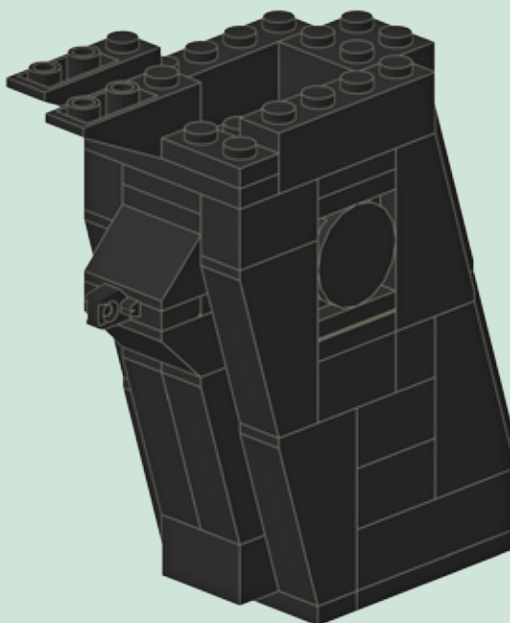
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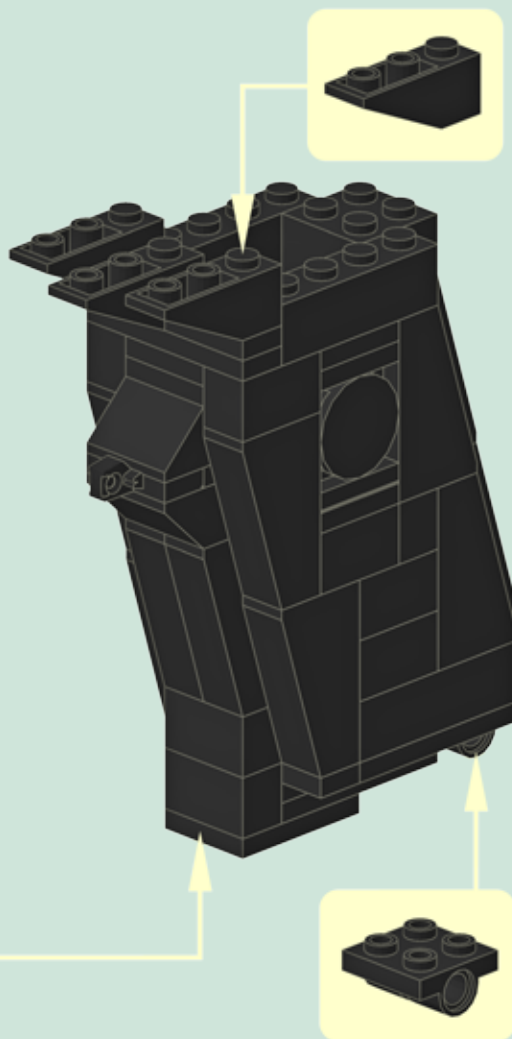
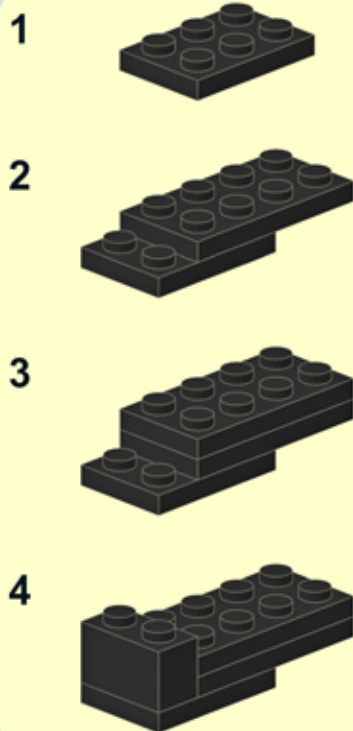
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20



21



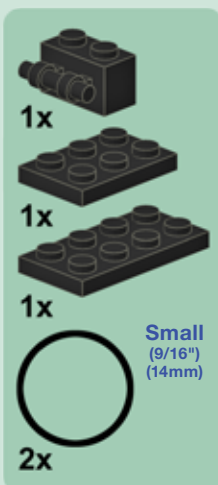
22



23



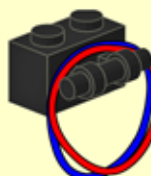
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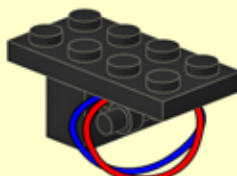
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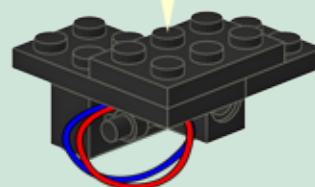
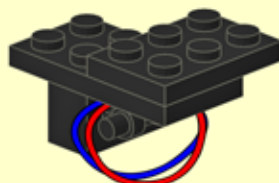
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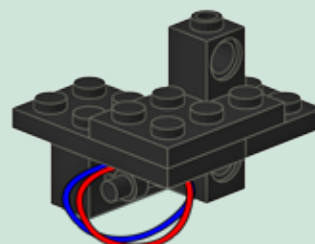
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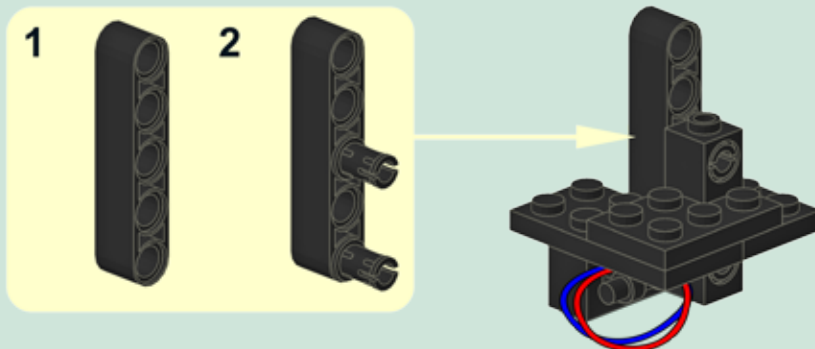
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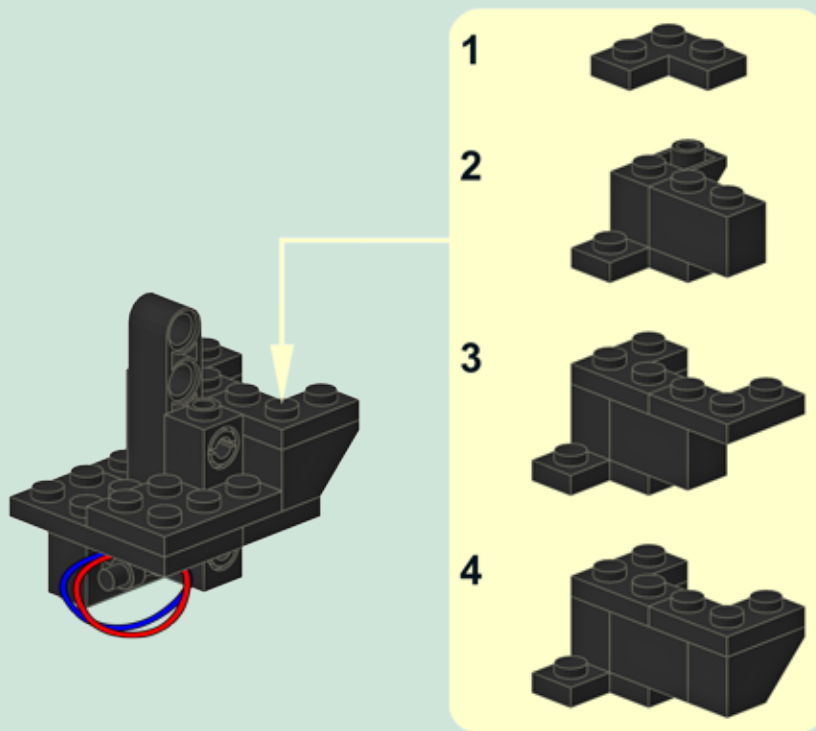
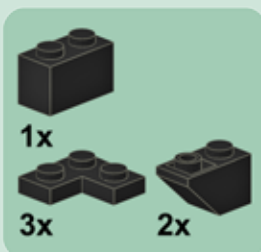
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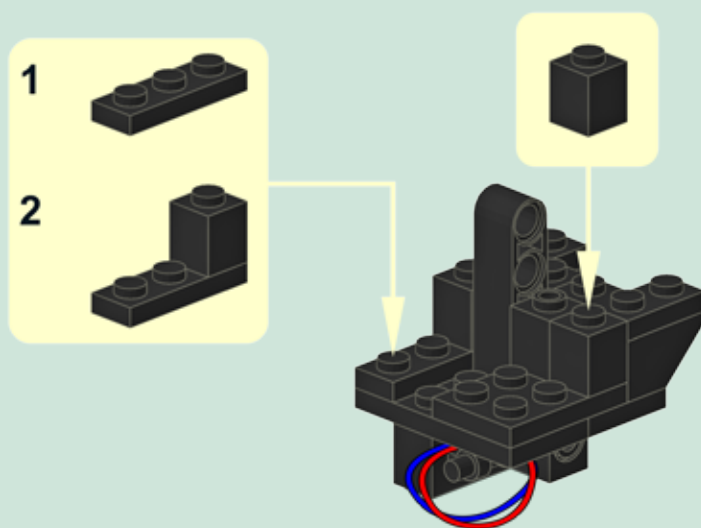
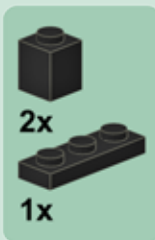
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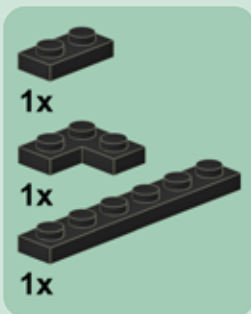
27



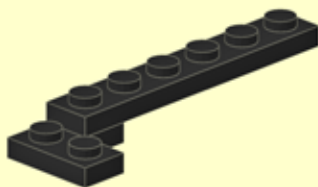
28



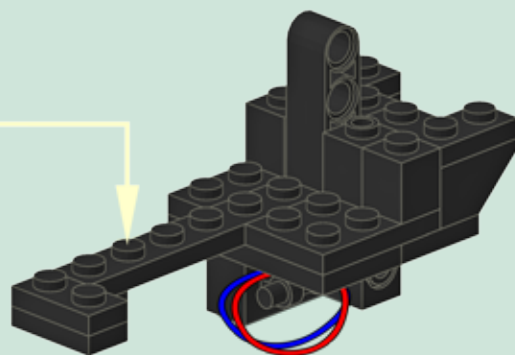
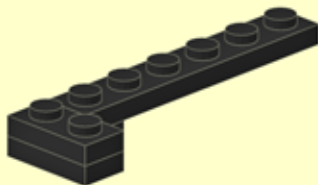
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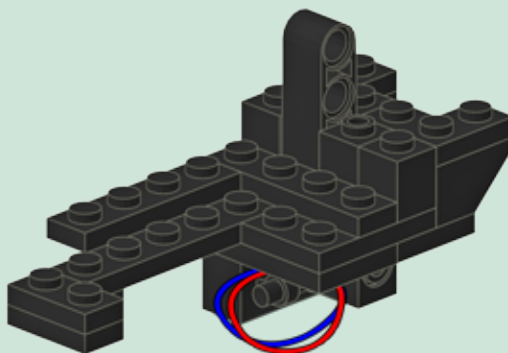
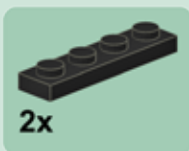
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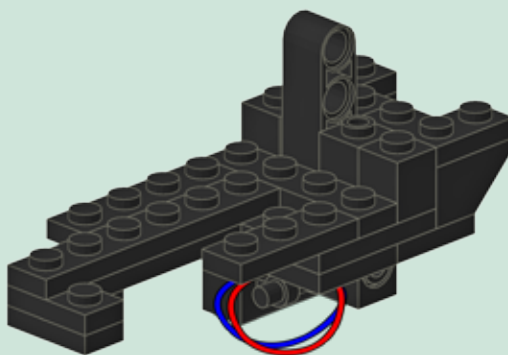
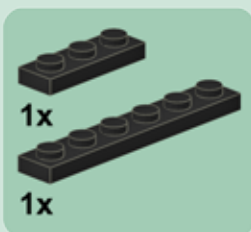
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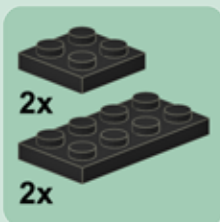
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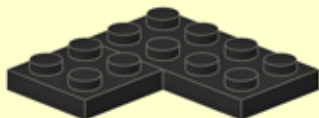
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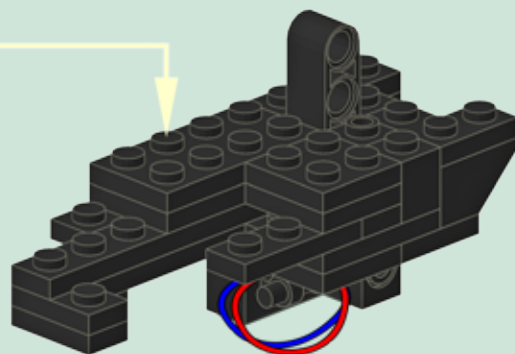
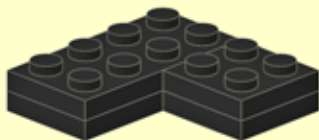
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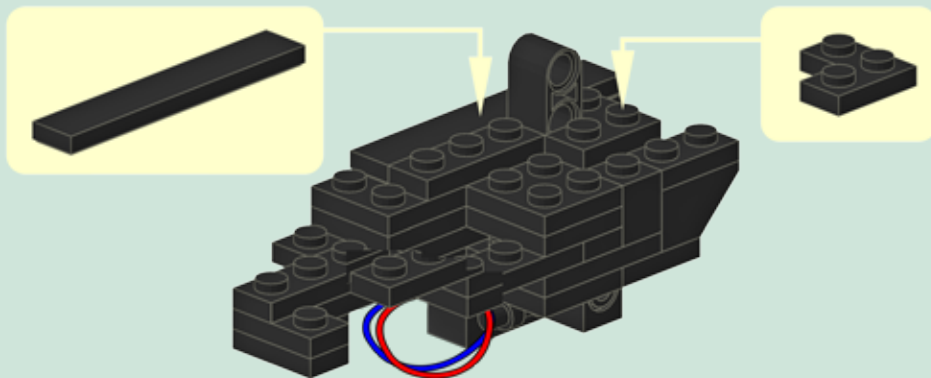
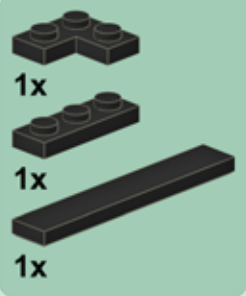
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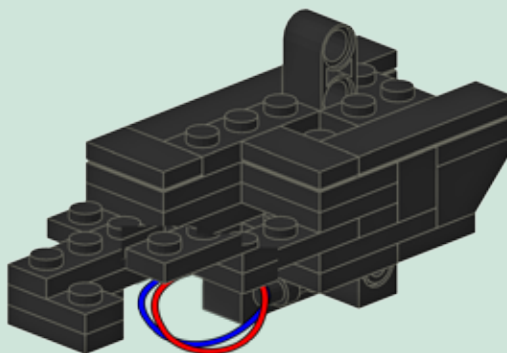
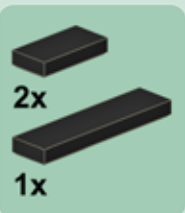
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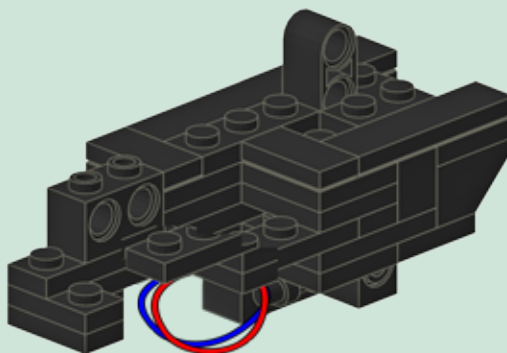
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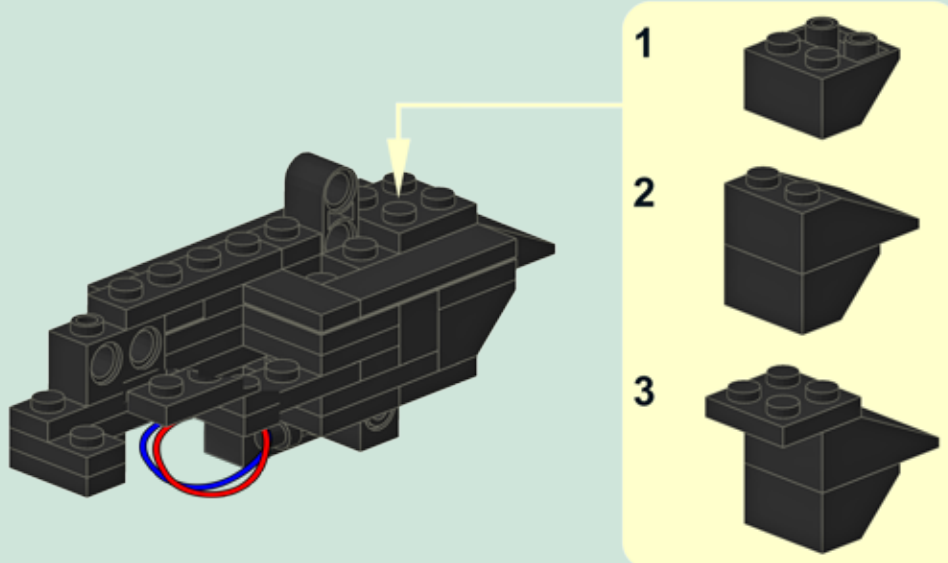
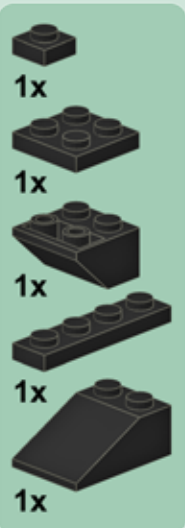
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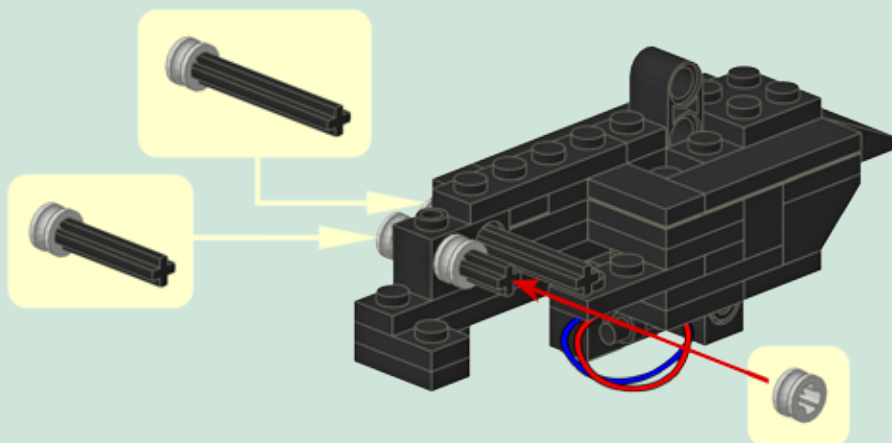
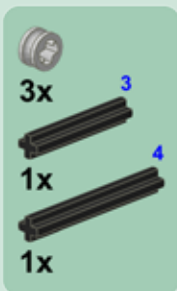
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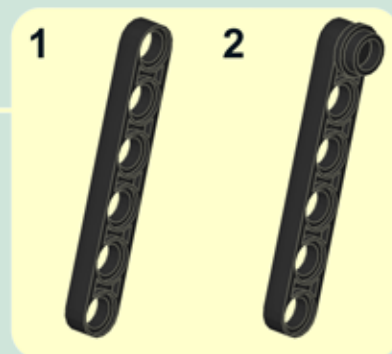
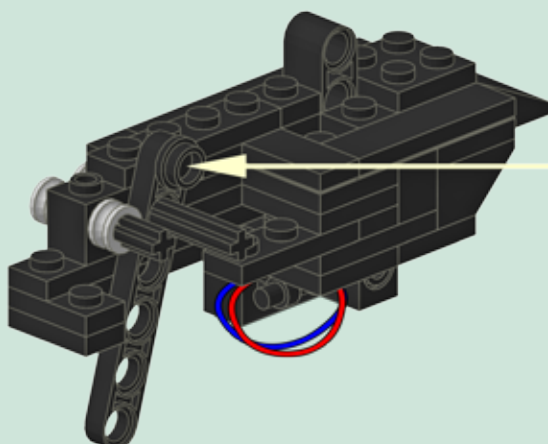
36



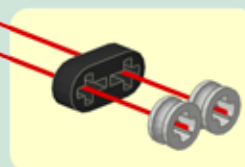
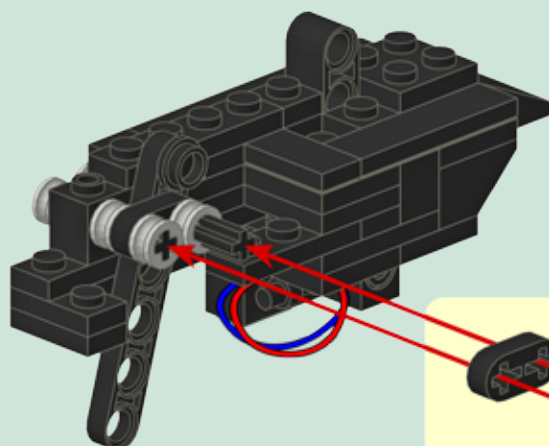
37



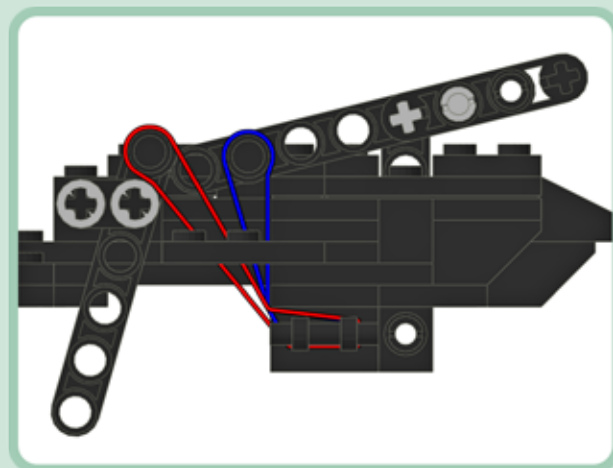
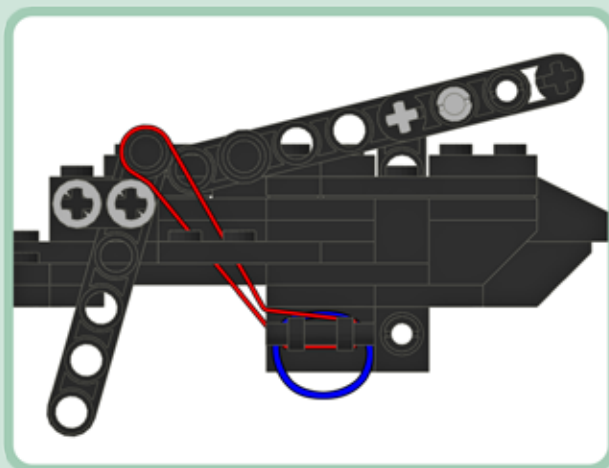
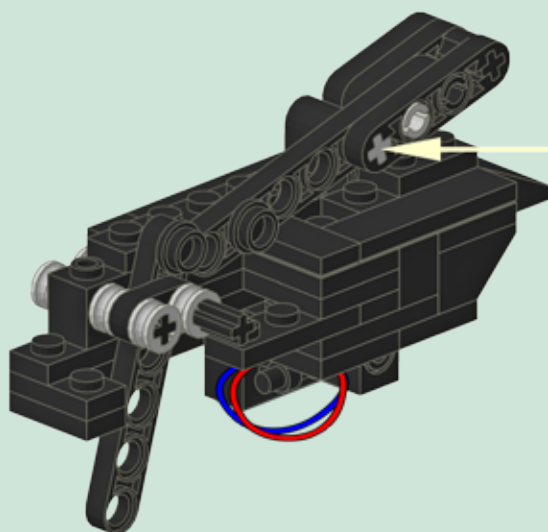
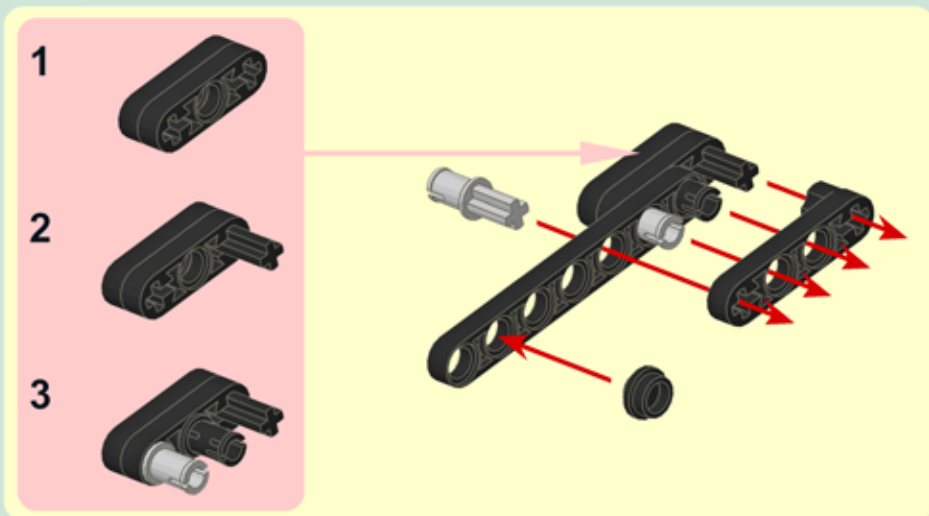
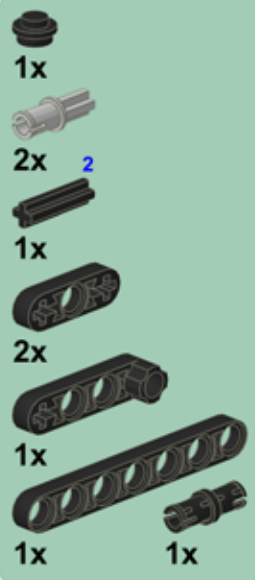
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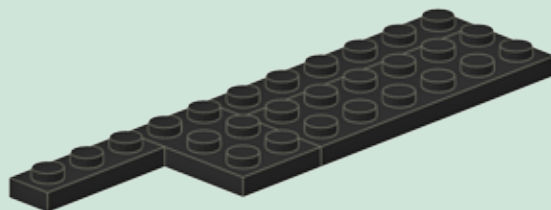
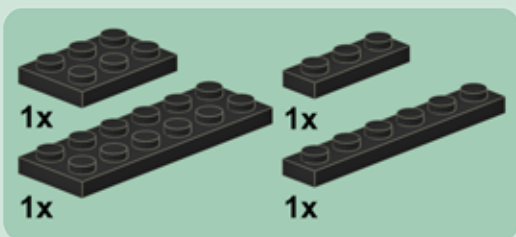
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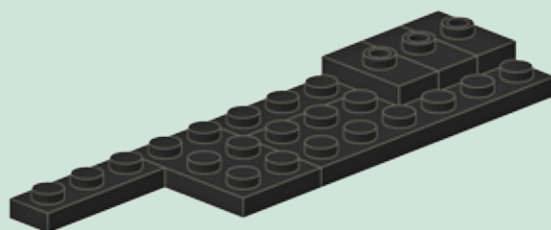
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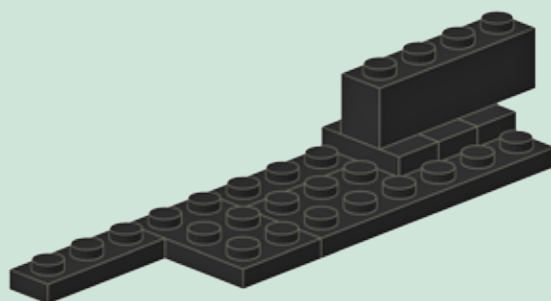
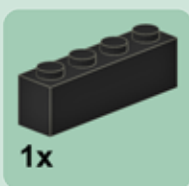
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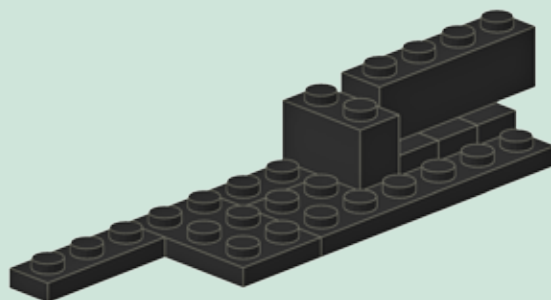
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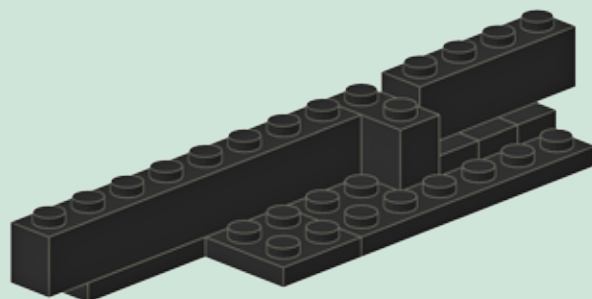
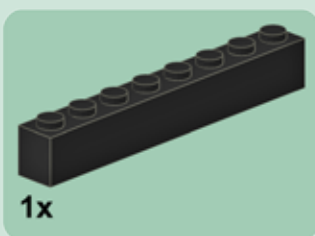
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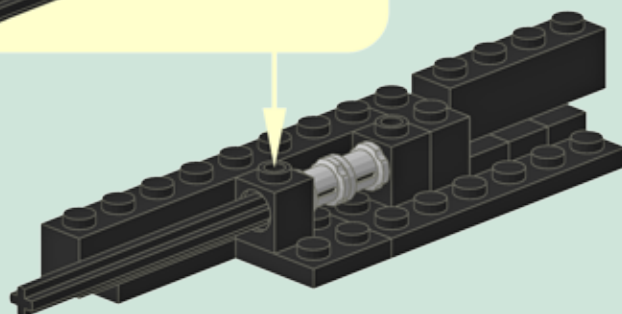
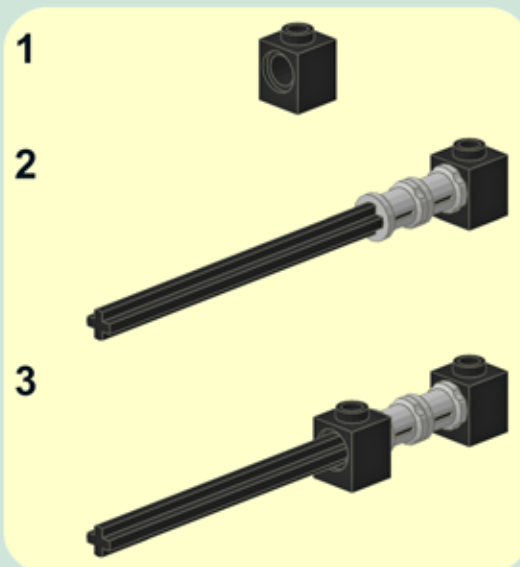
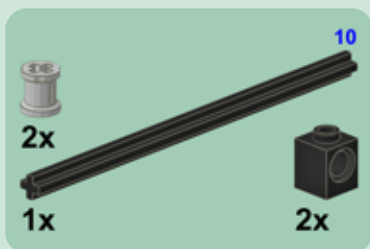
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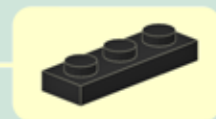
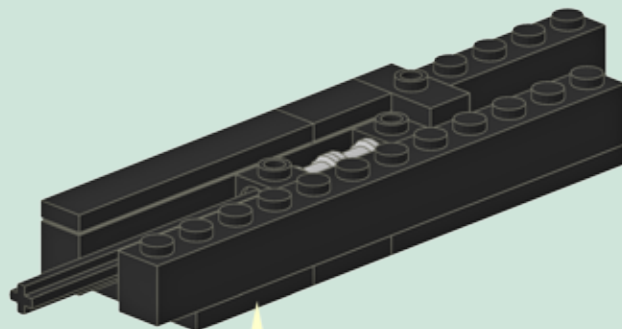
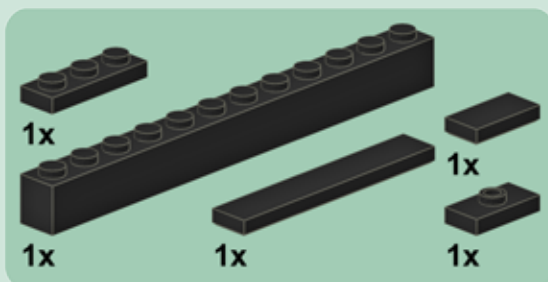
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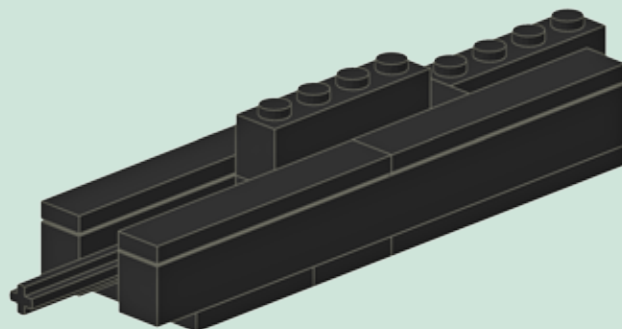
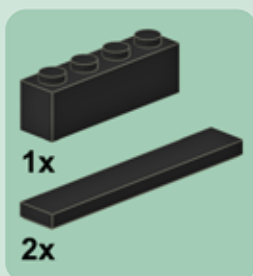
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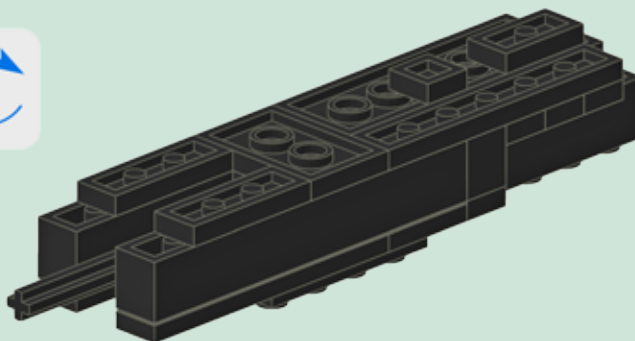
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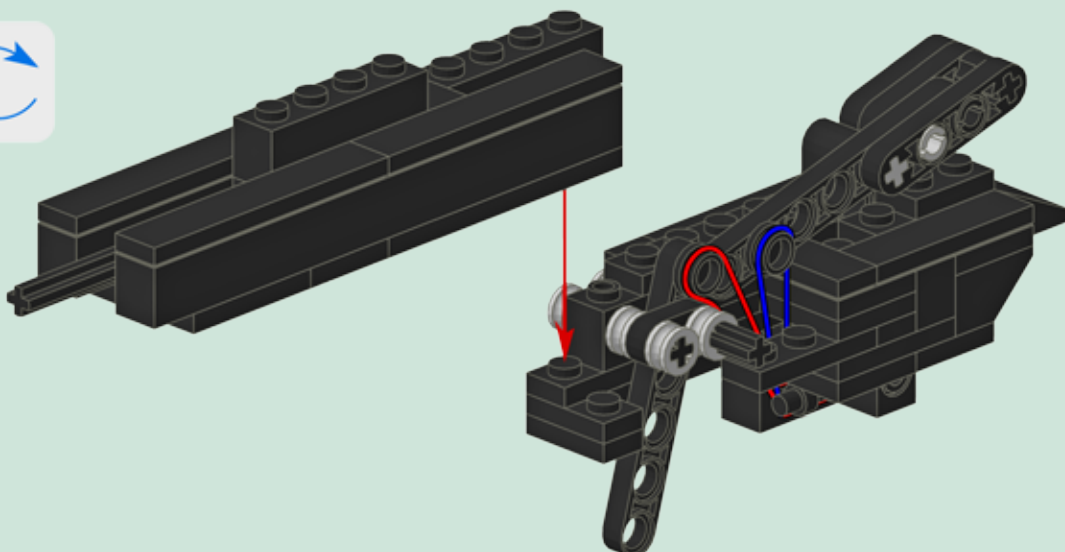
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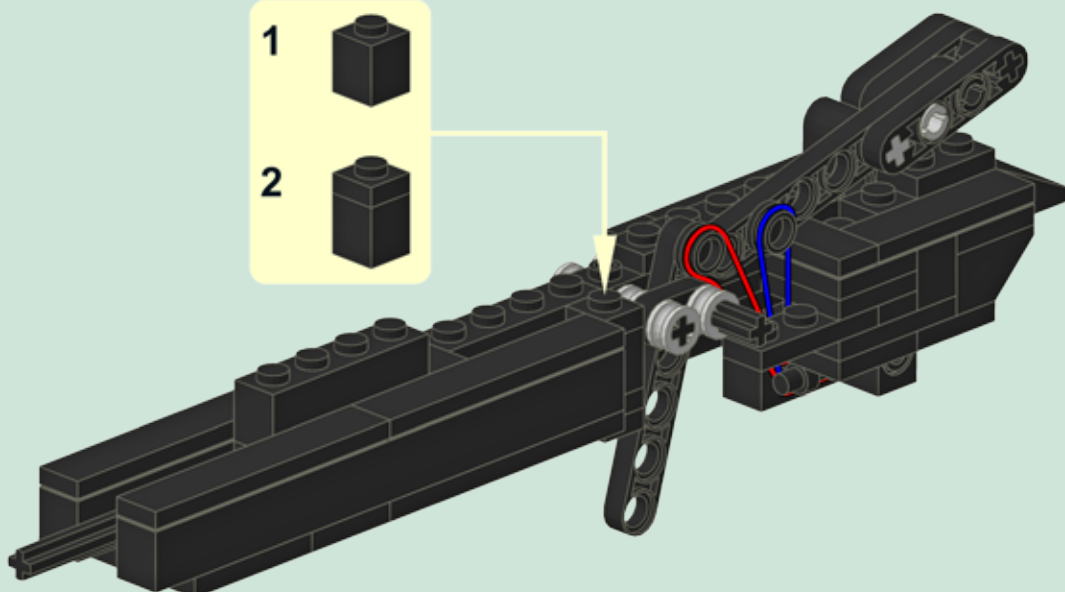
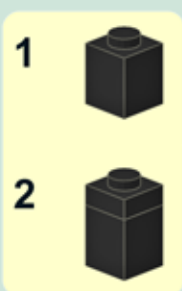
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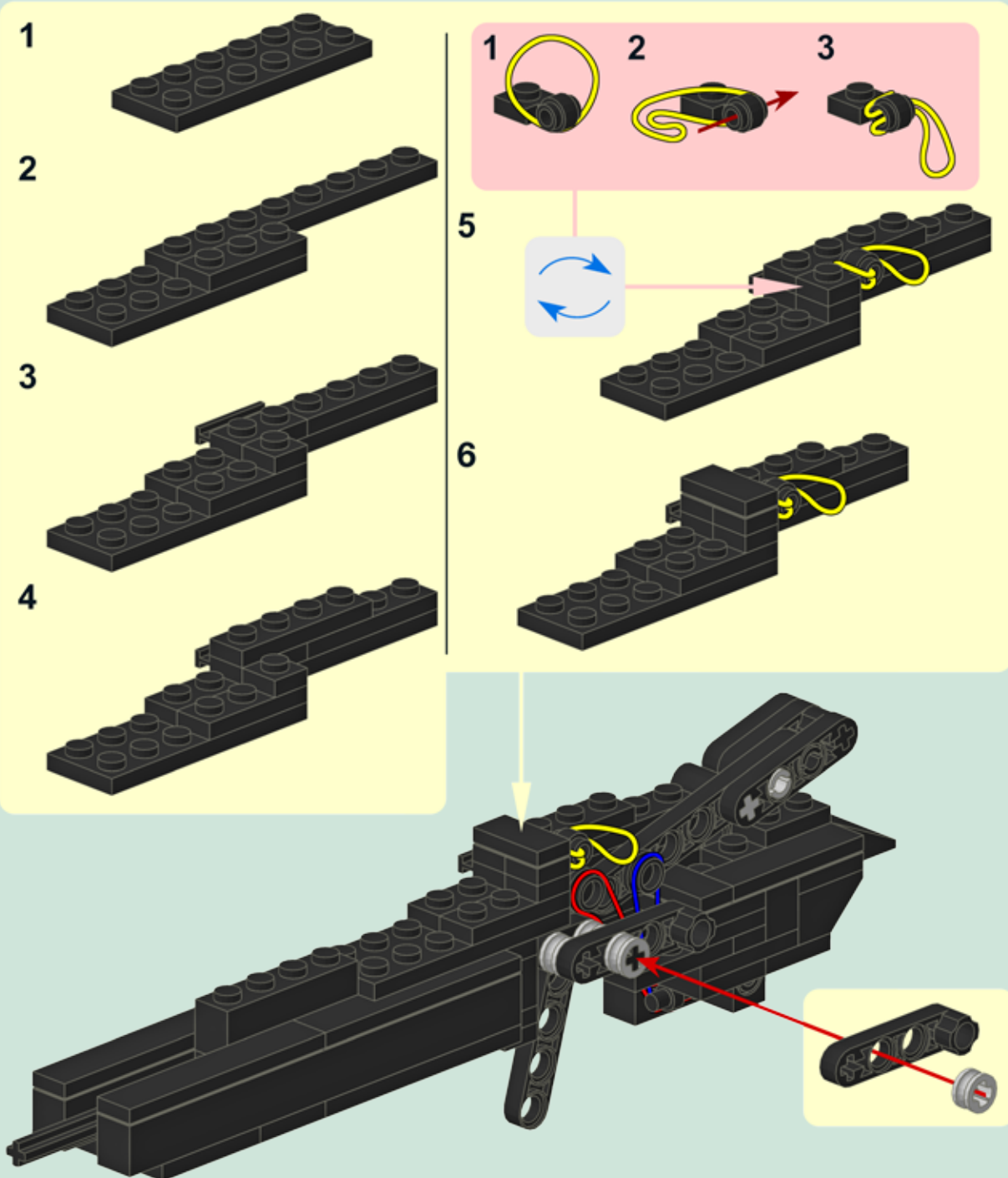
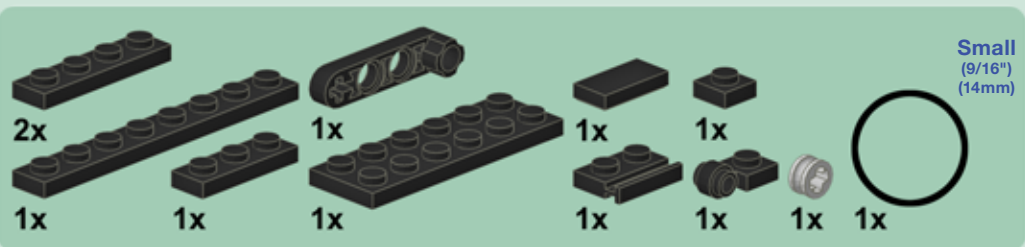
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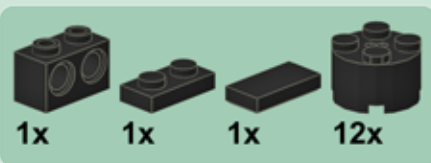
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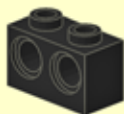
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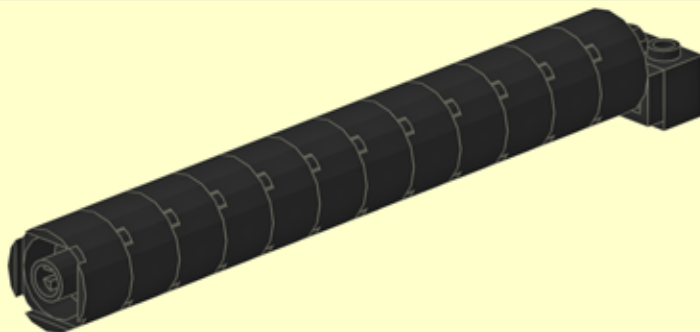
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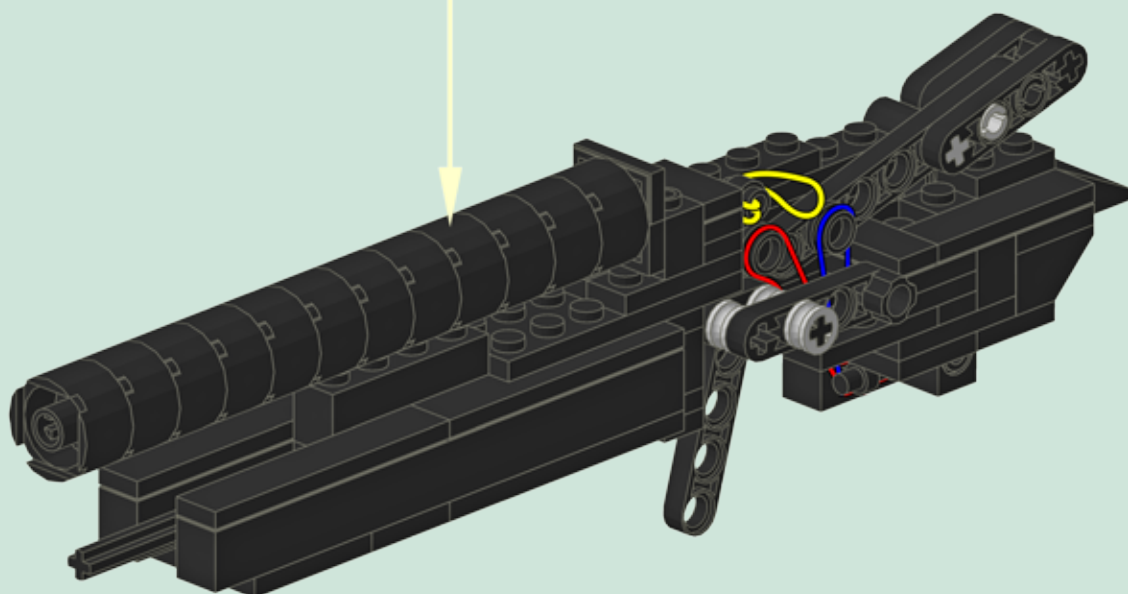
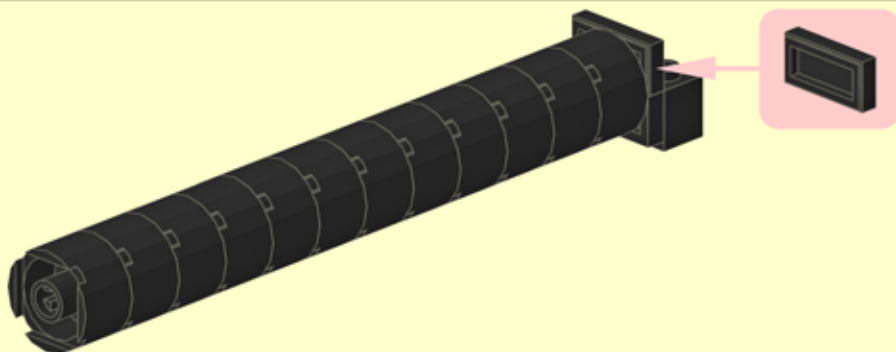
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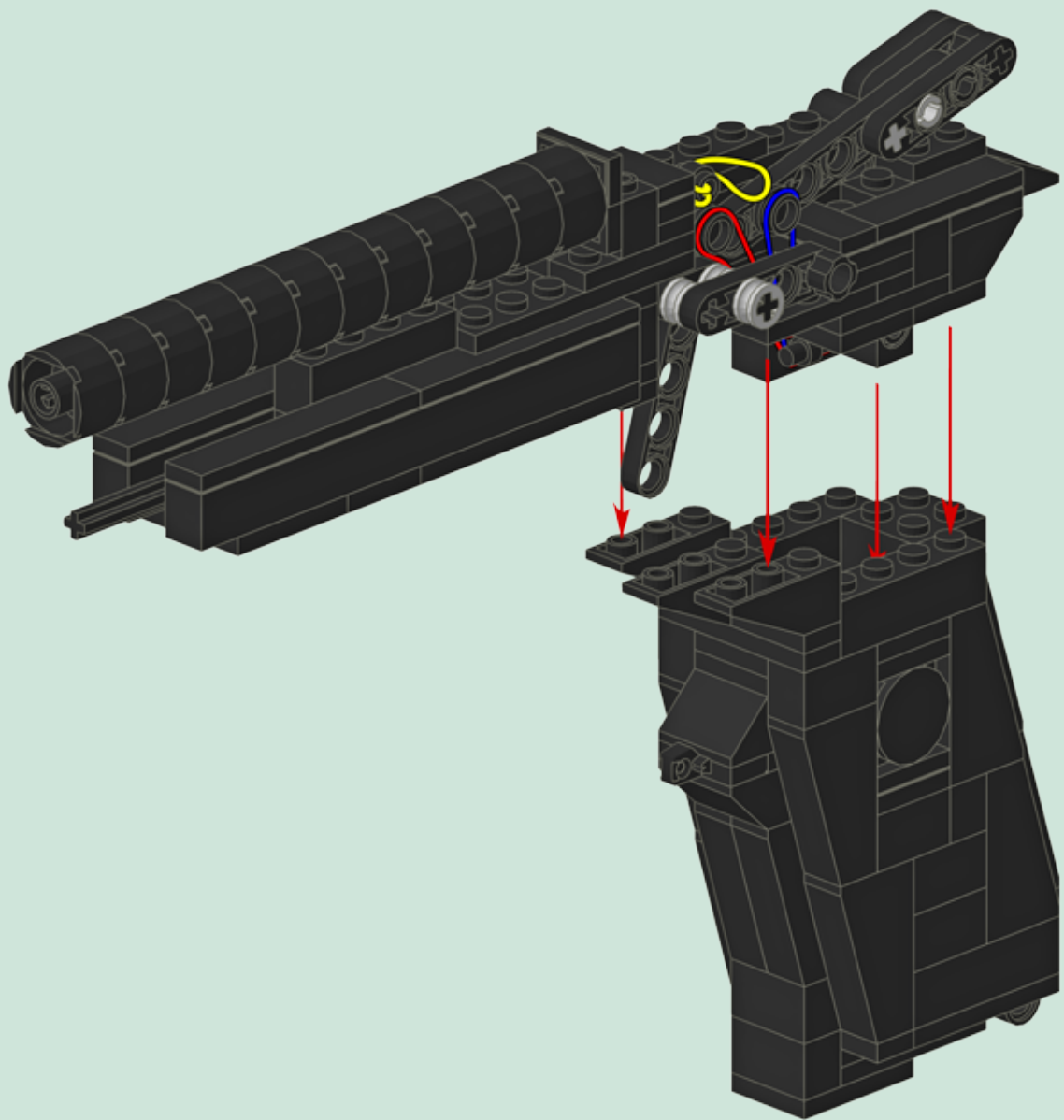


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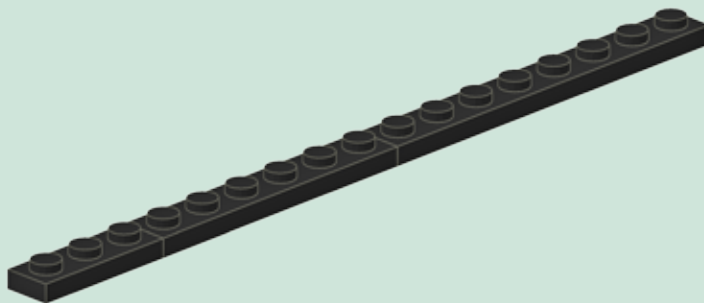
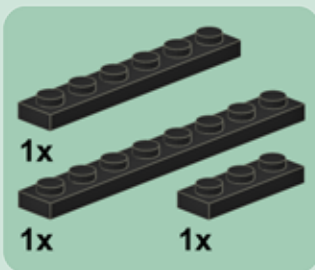


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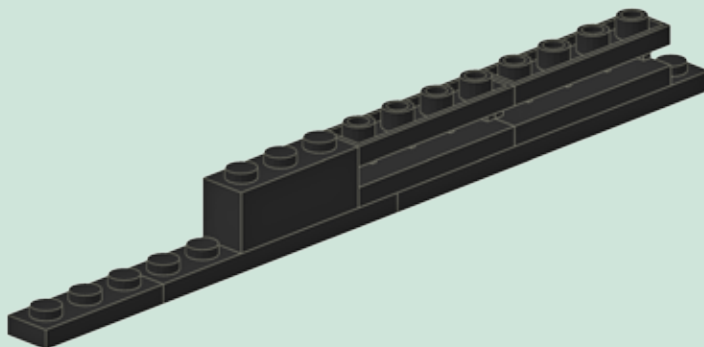
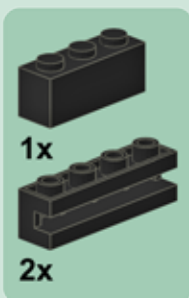




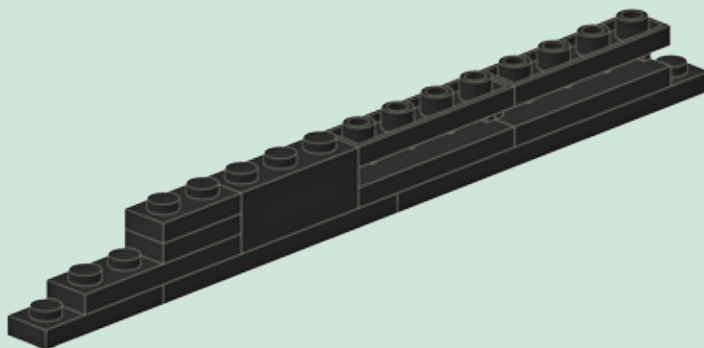
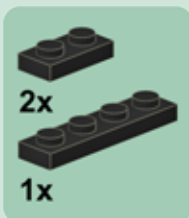
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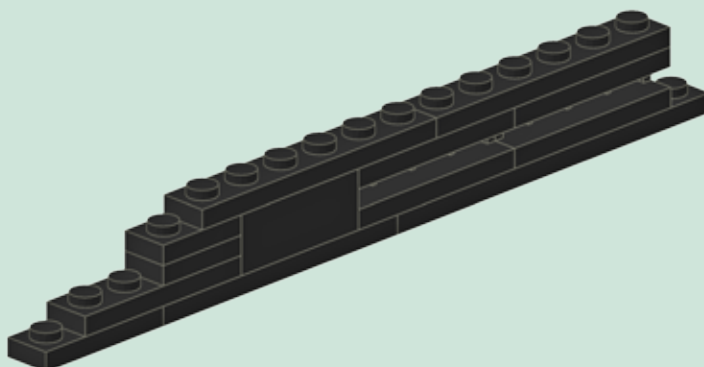
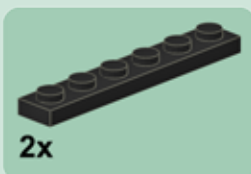
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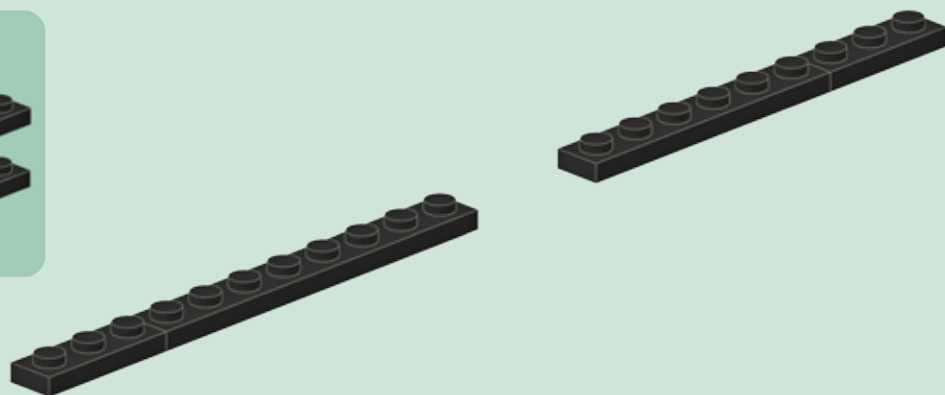
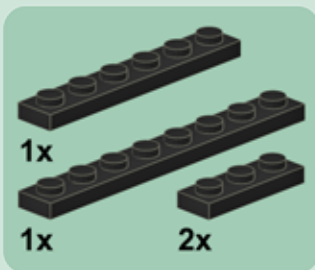
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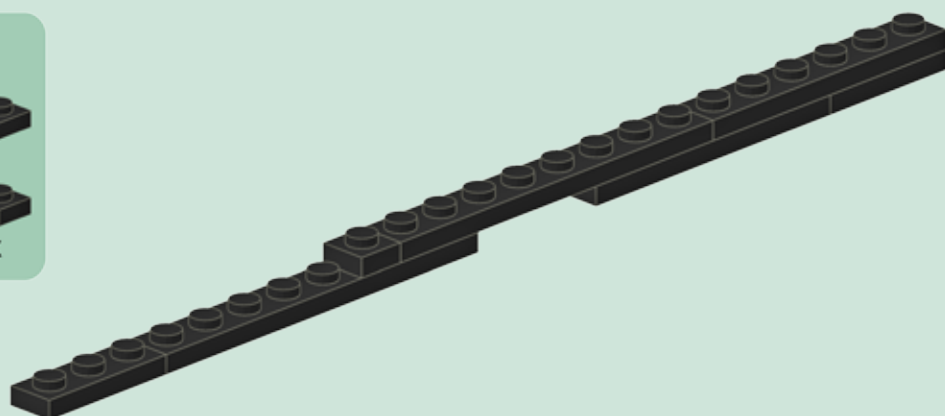
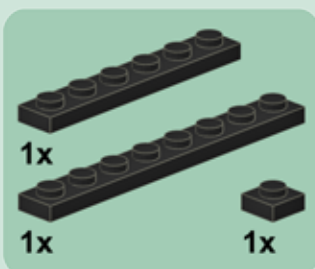
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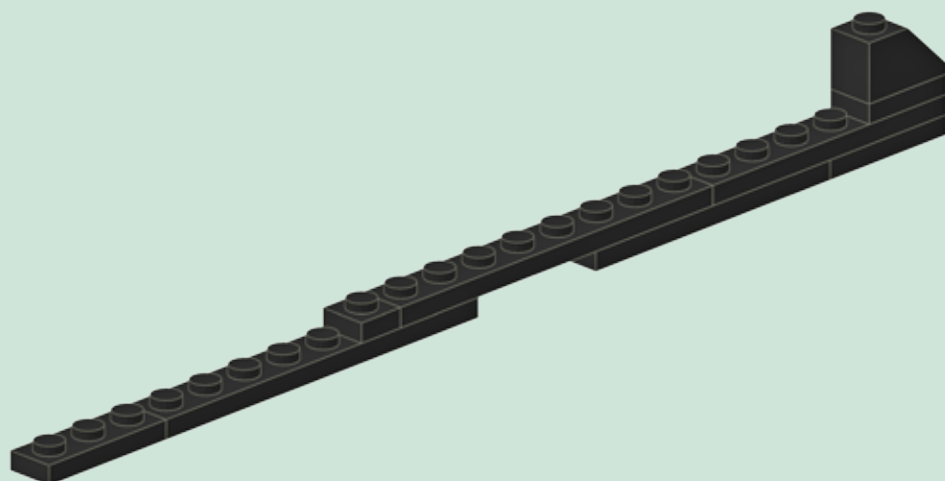
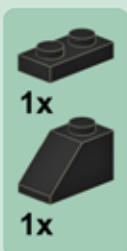
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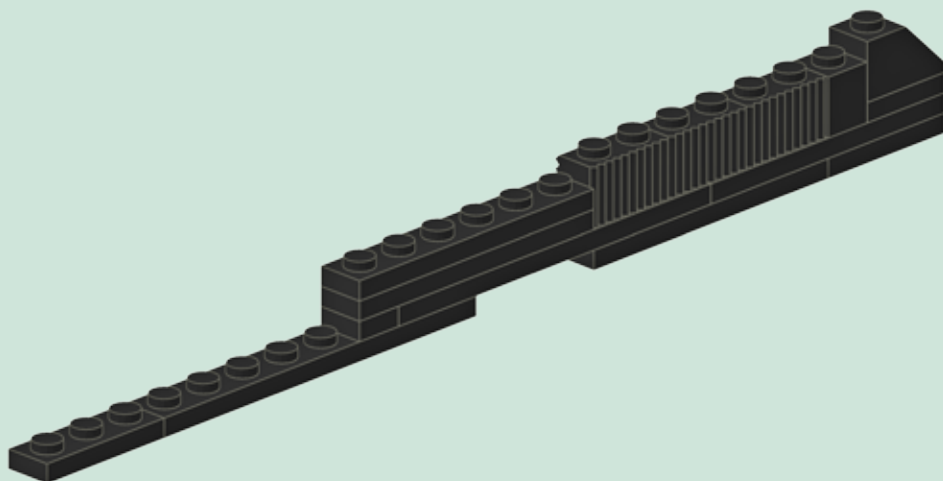
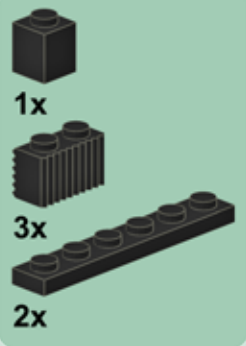
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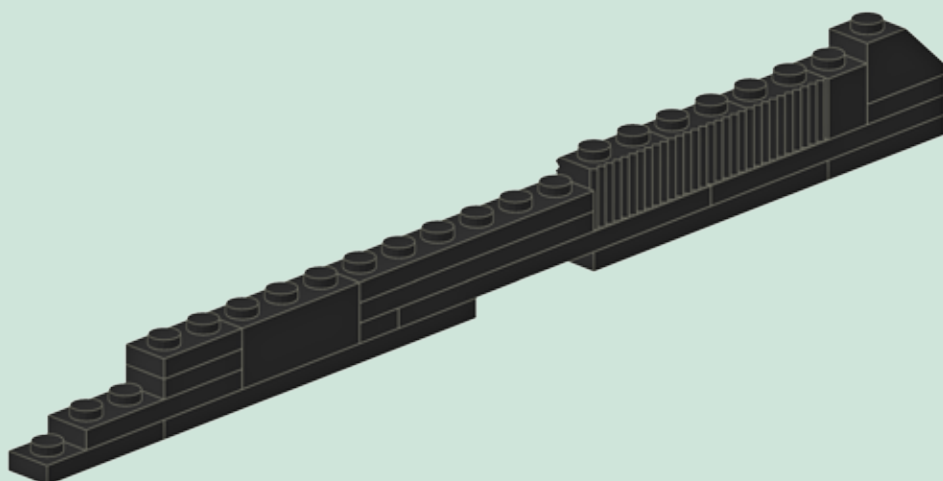
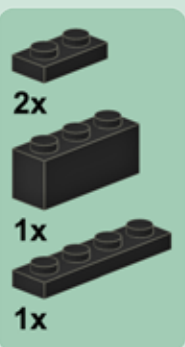
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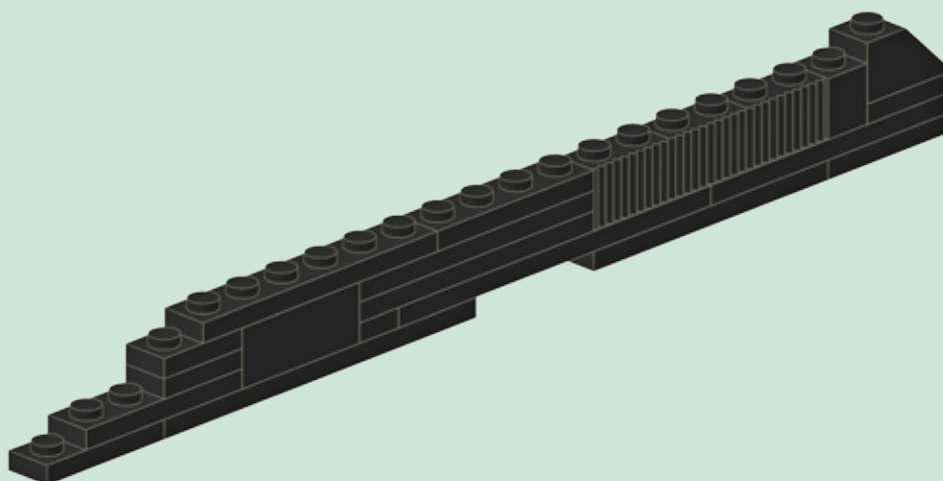
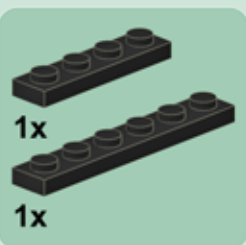
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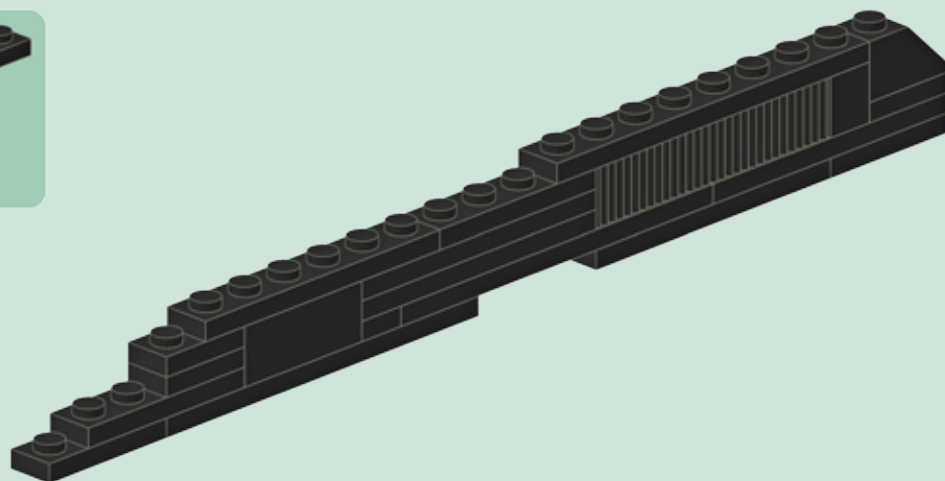
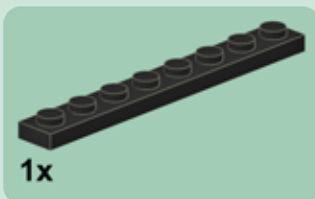
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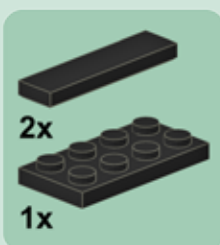
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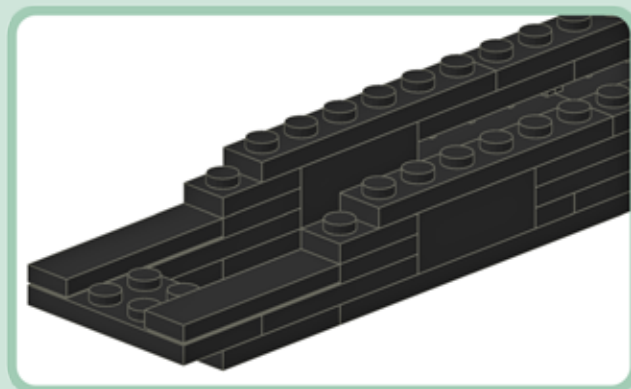
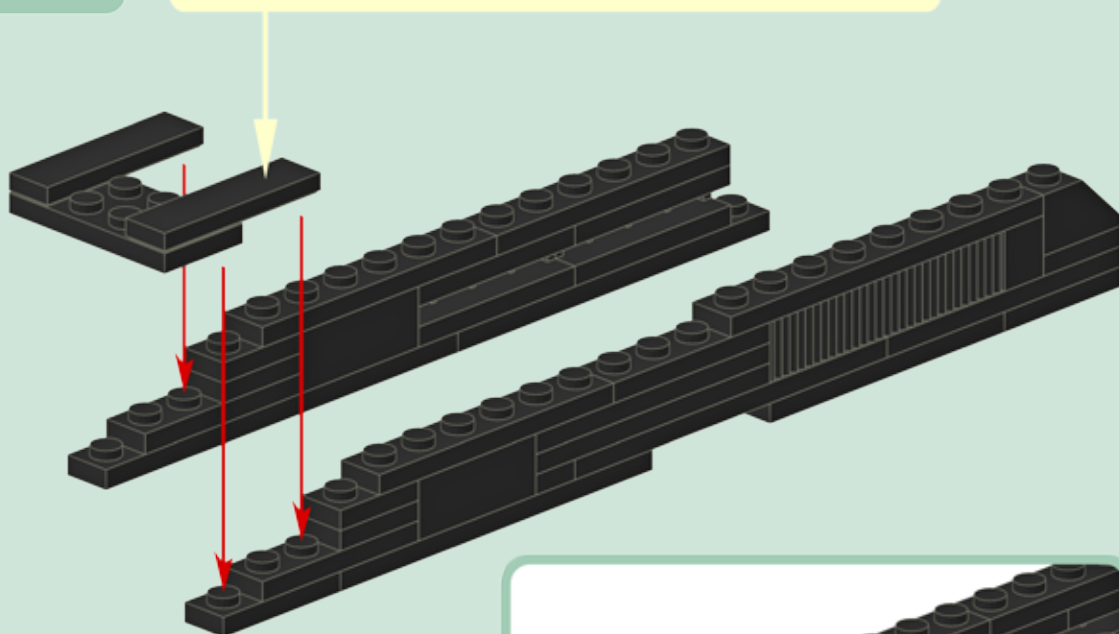
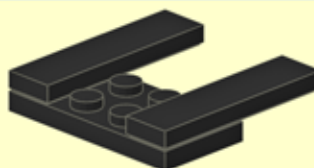
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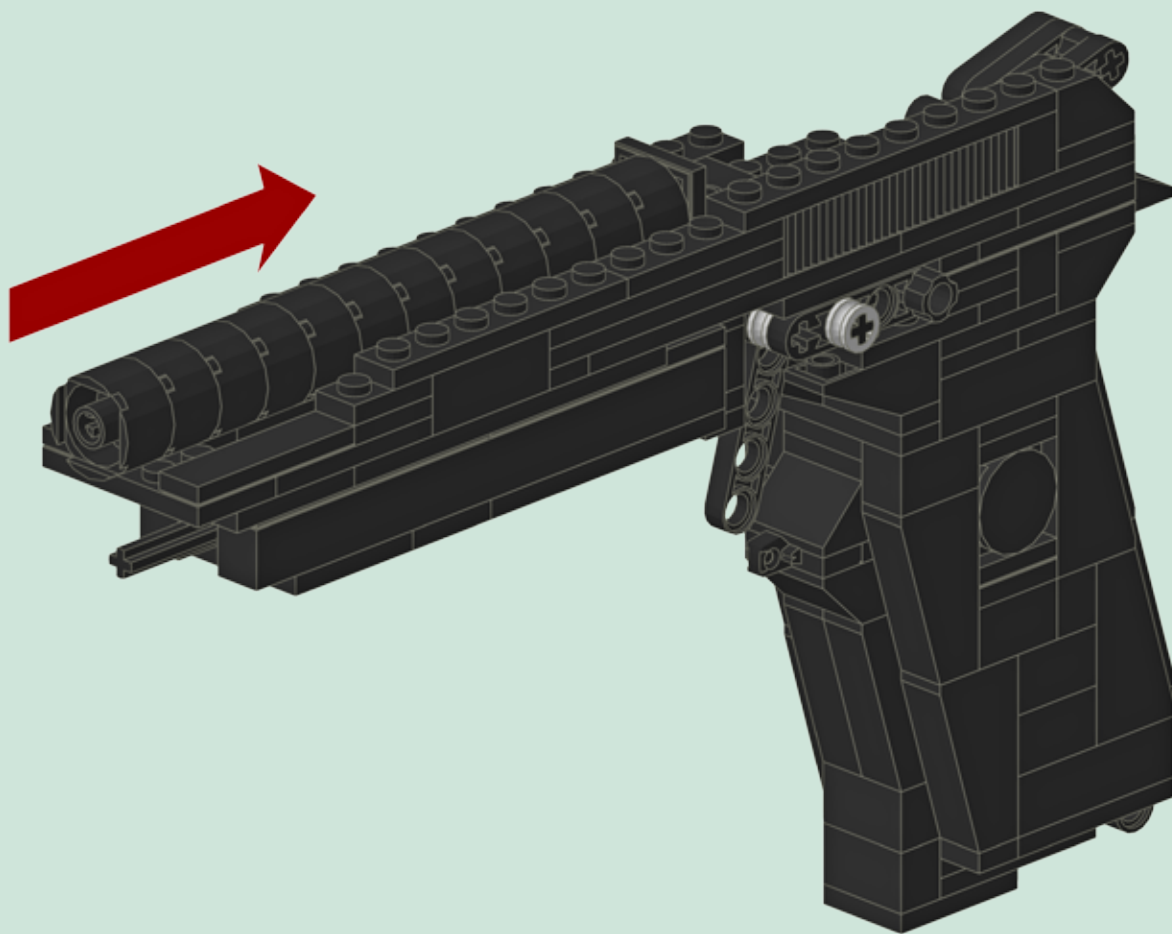
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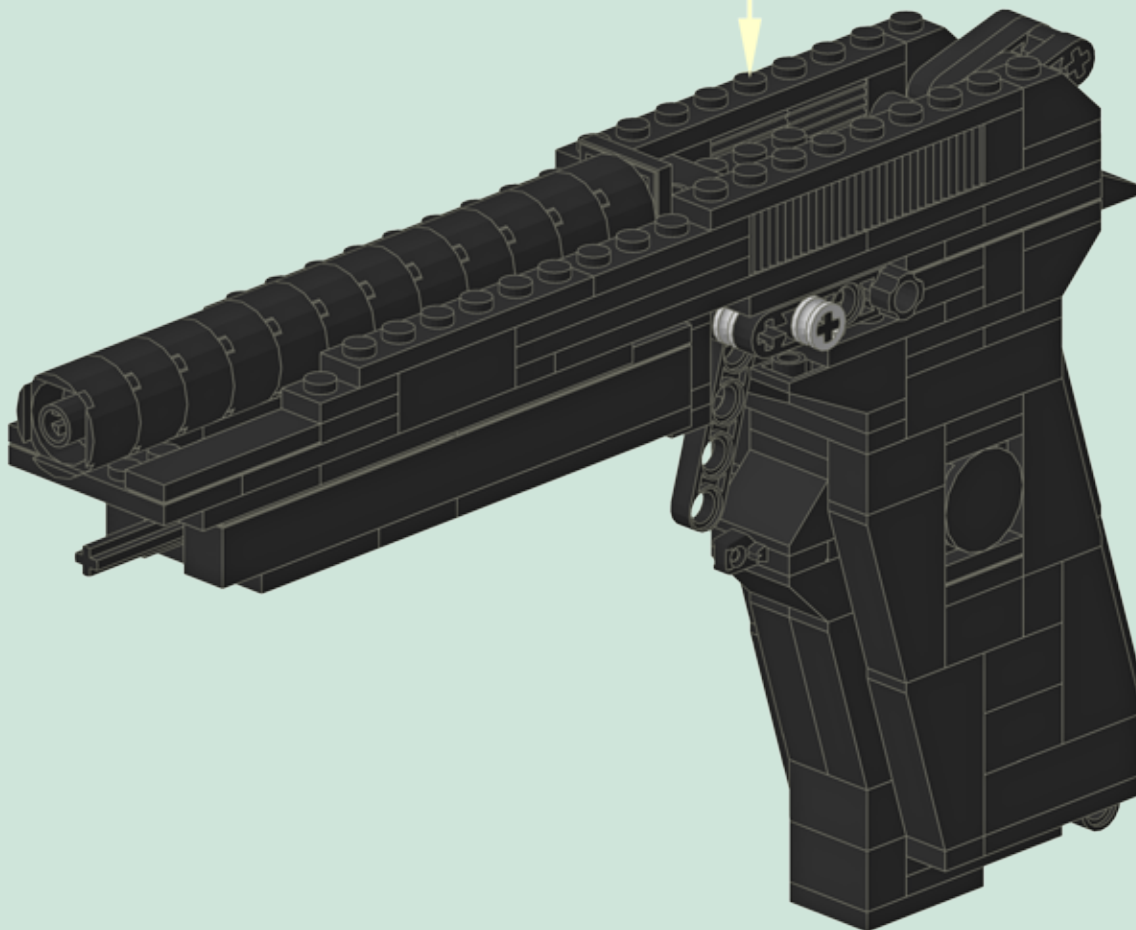
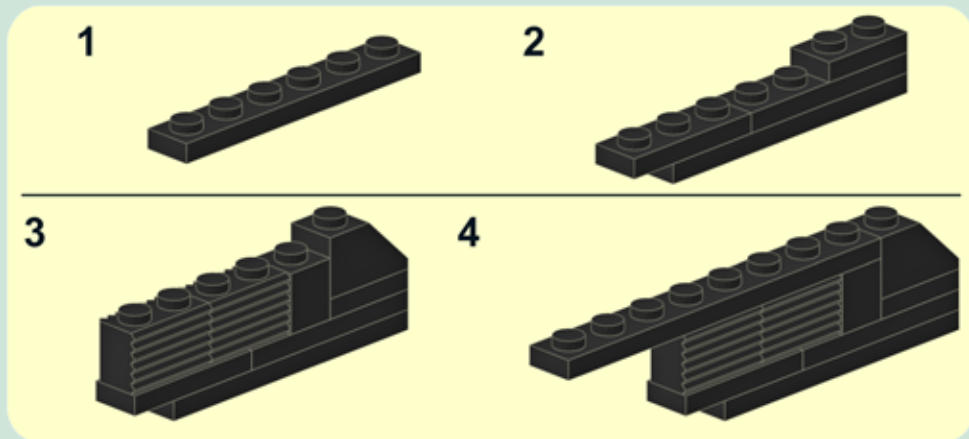
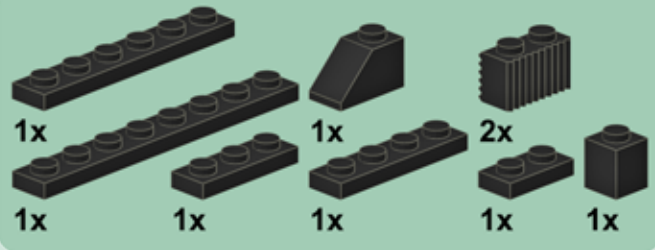
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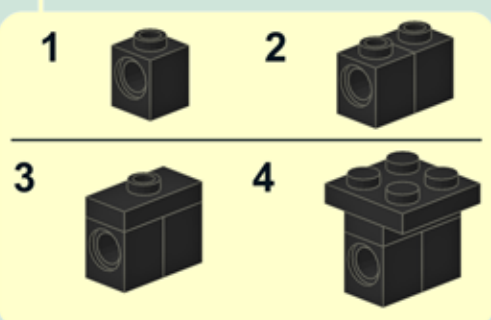
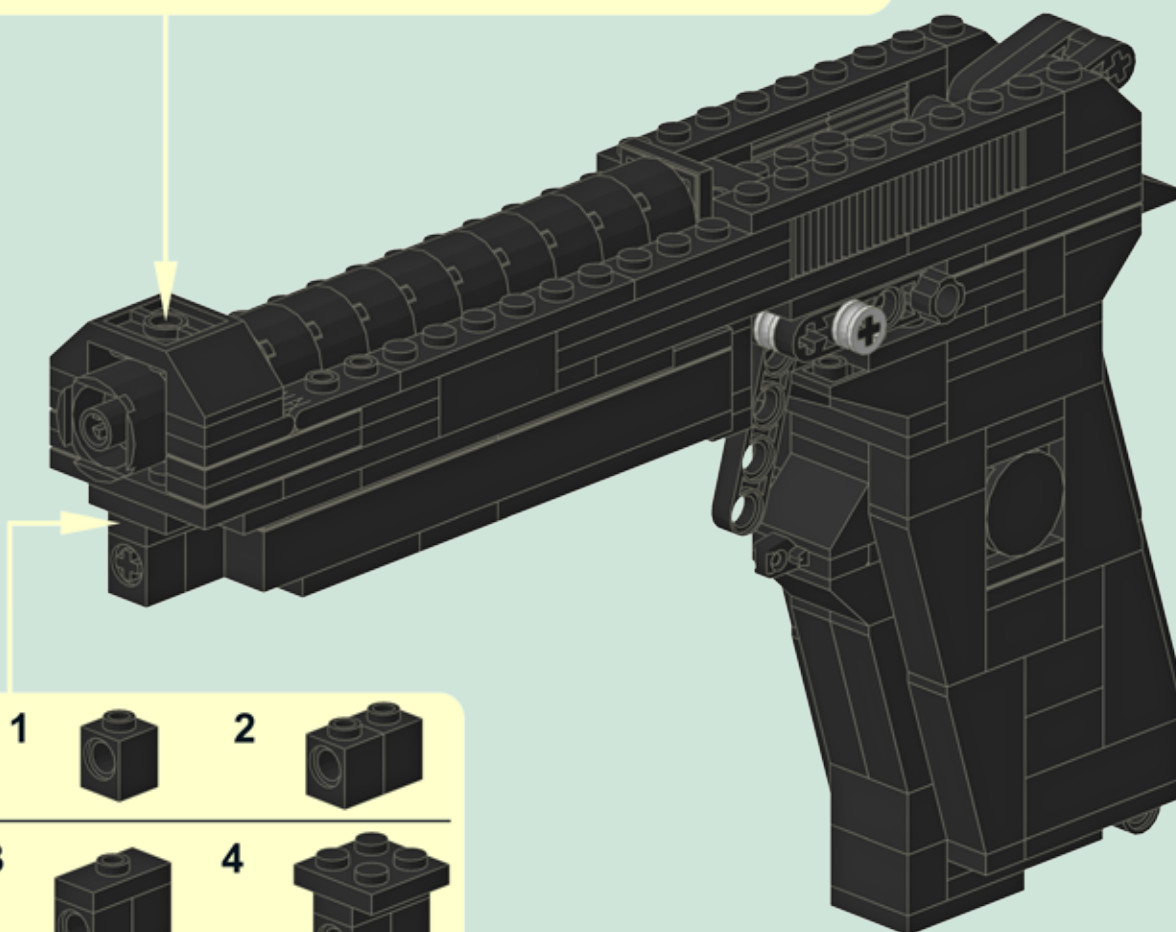
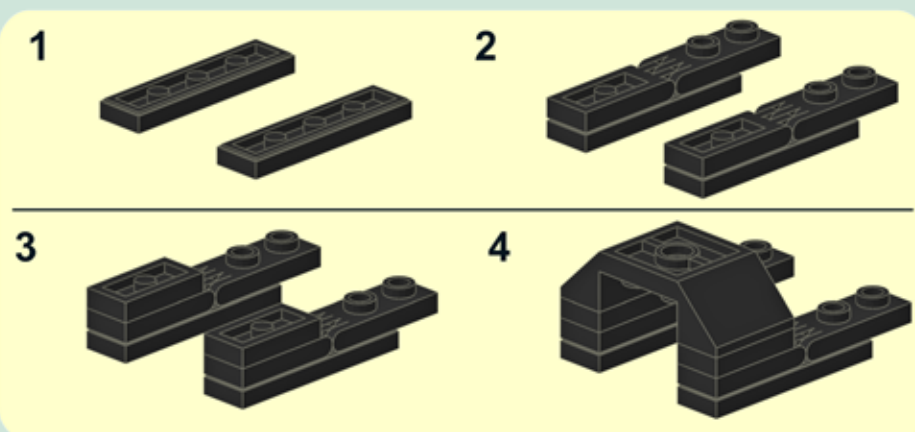
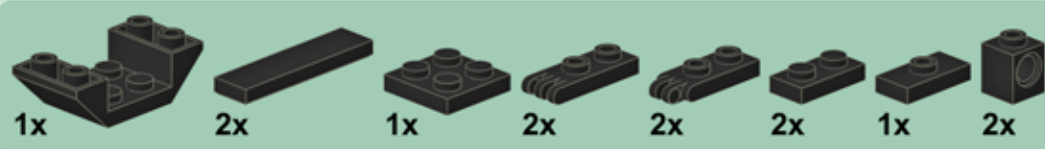
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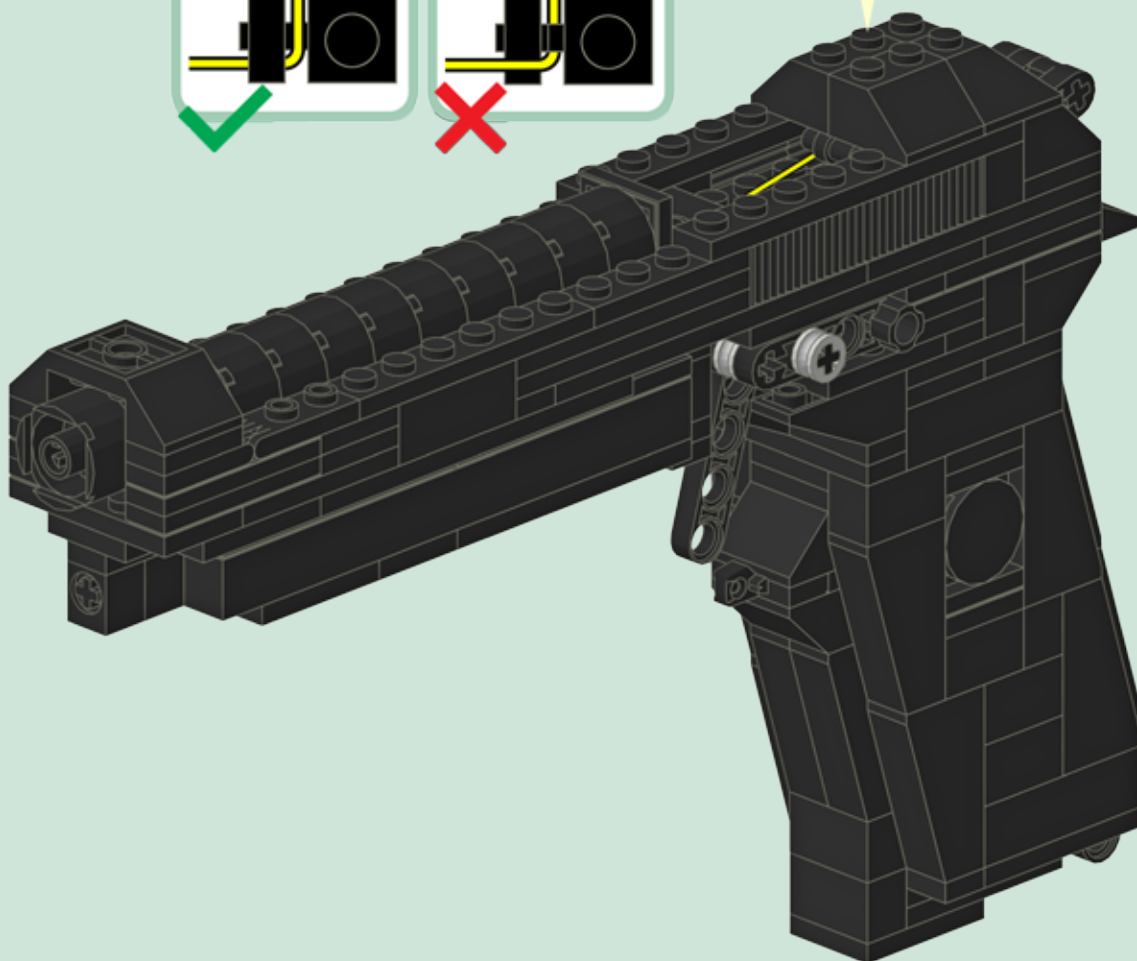
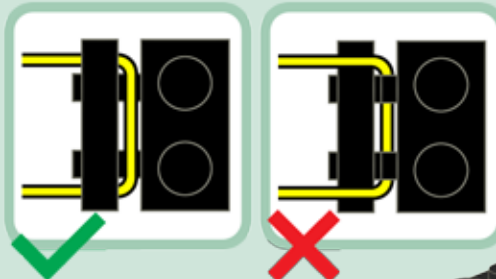
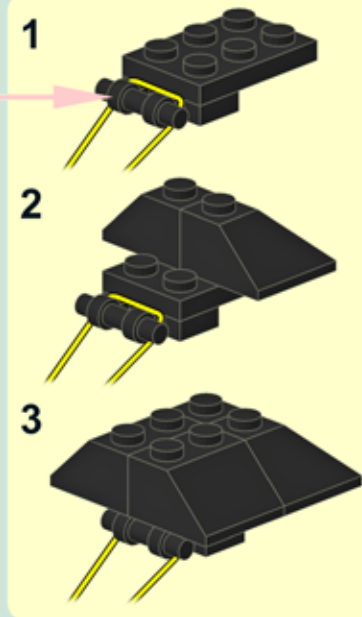
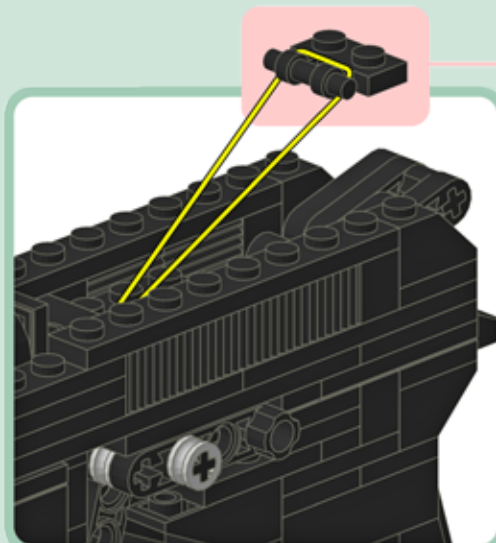
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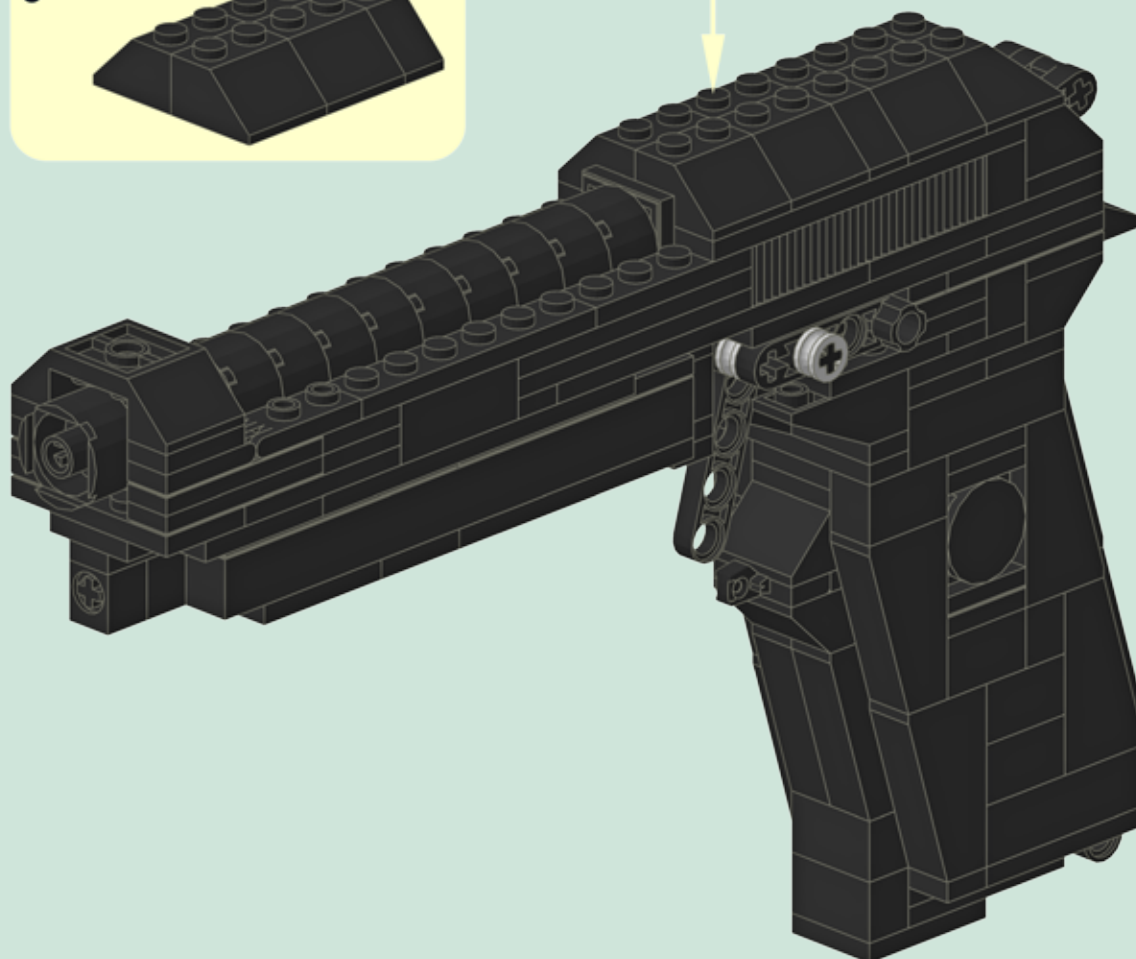
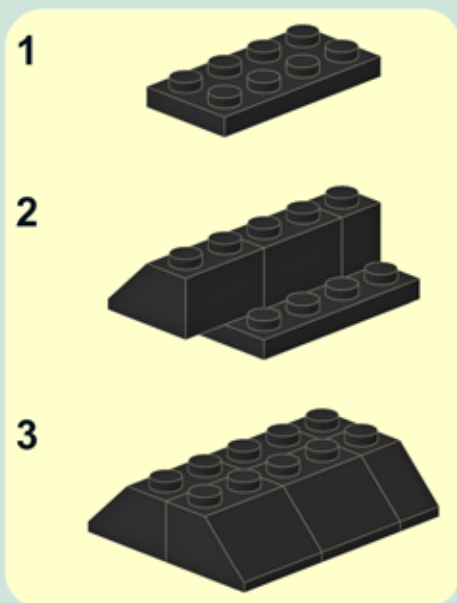
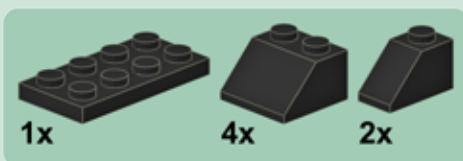
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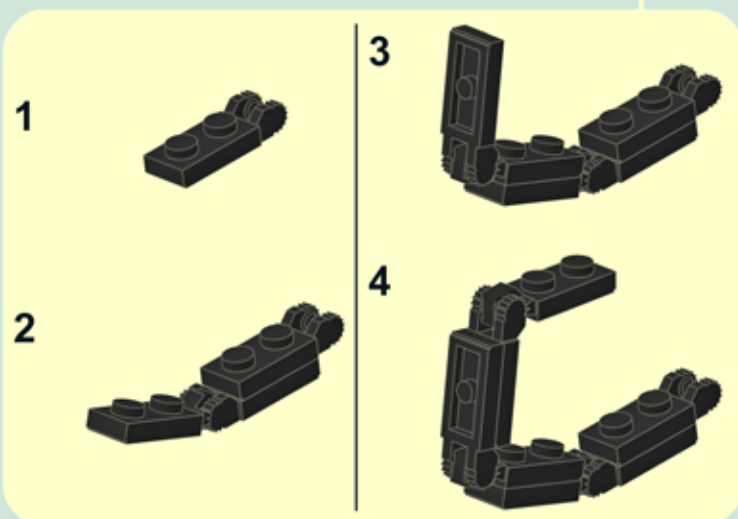
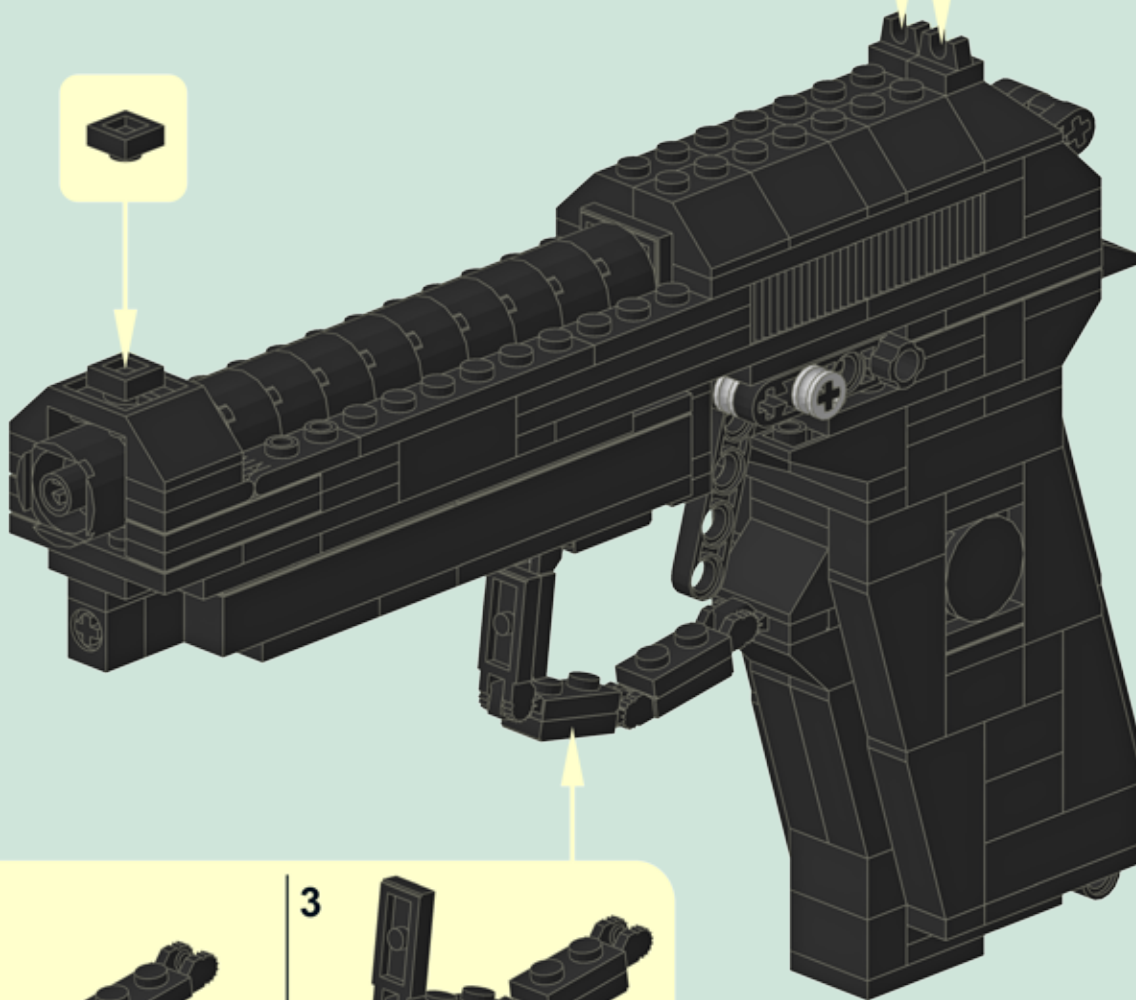
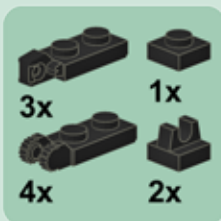
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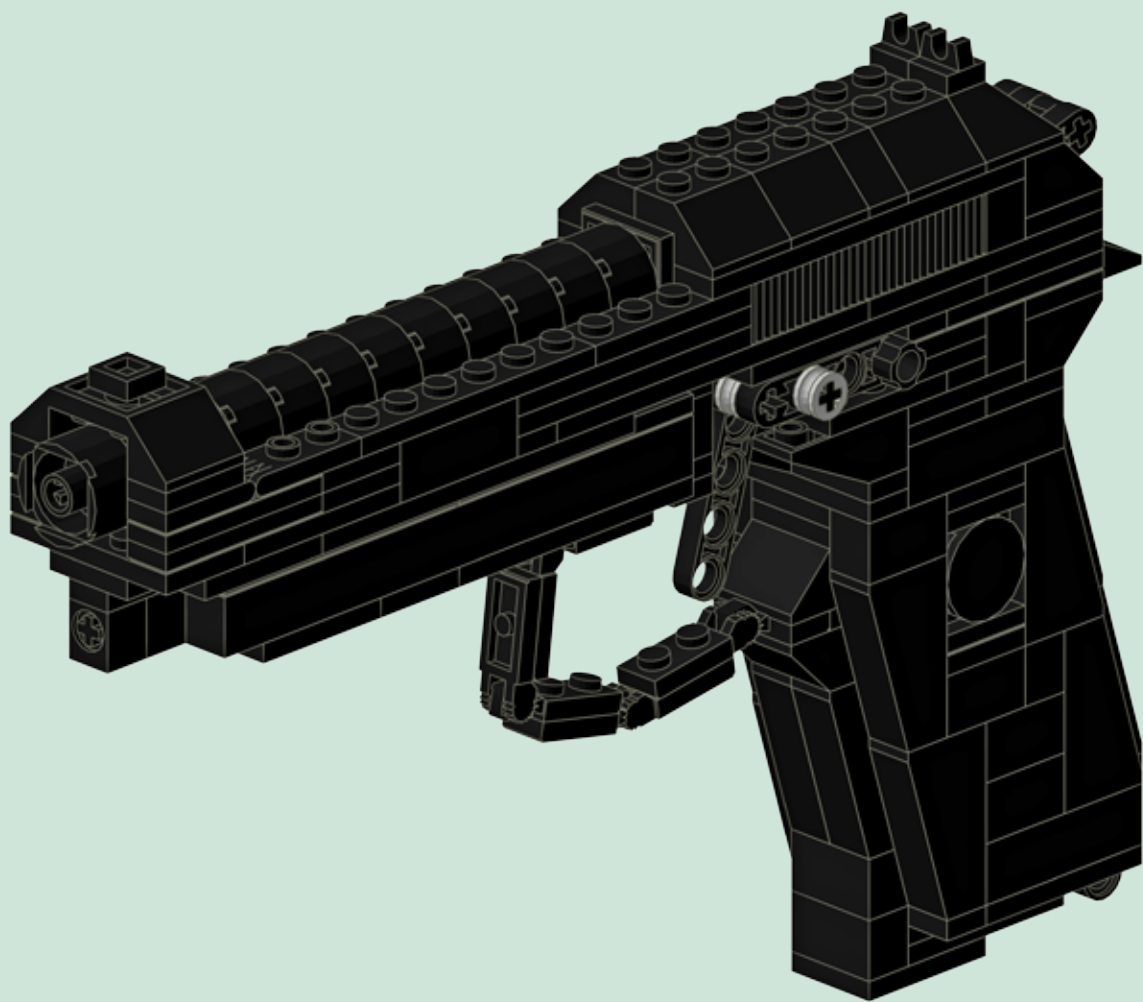


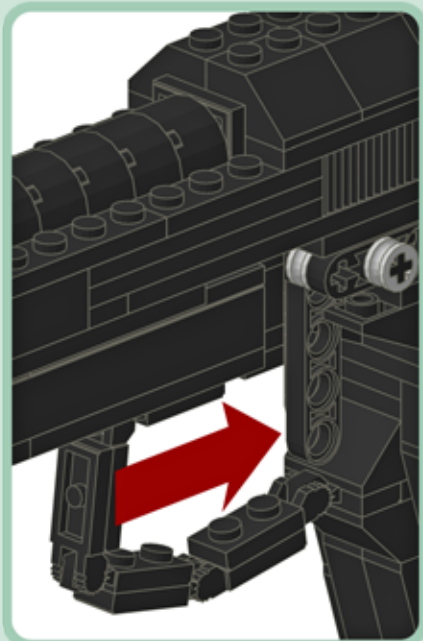
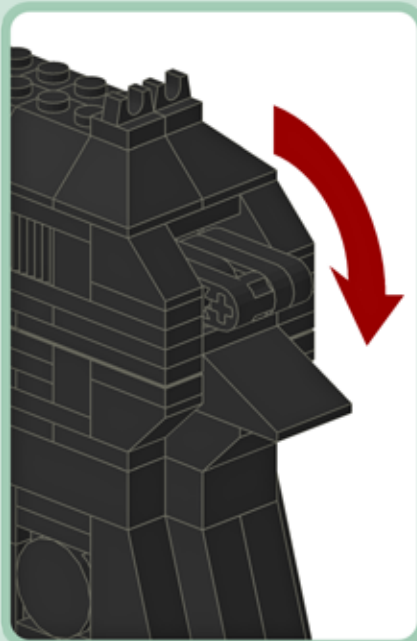
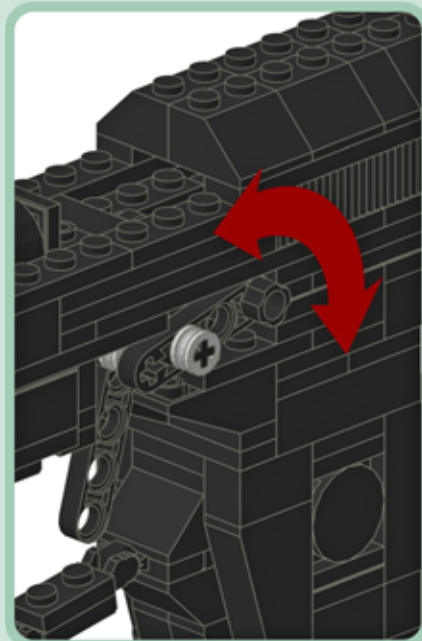
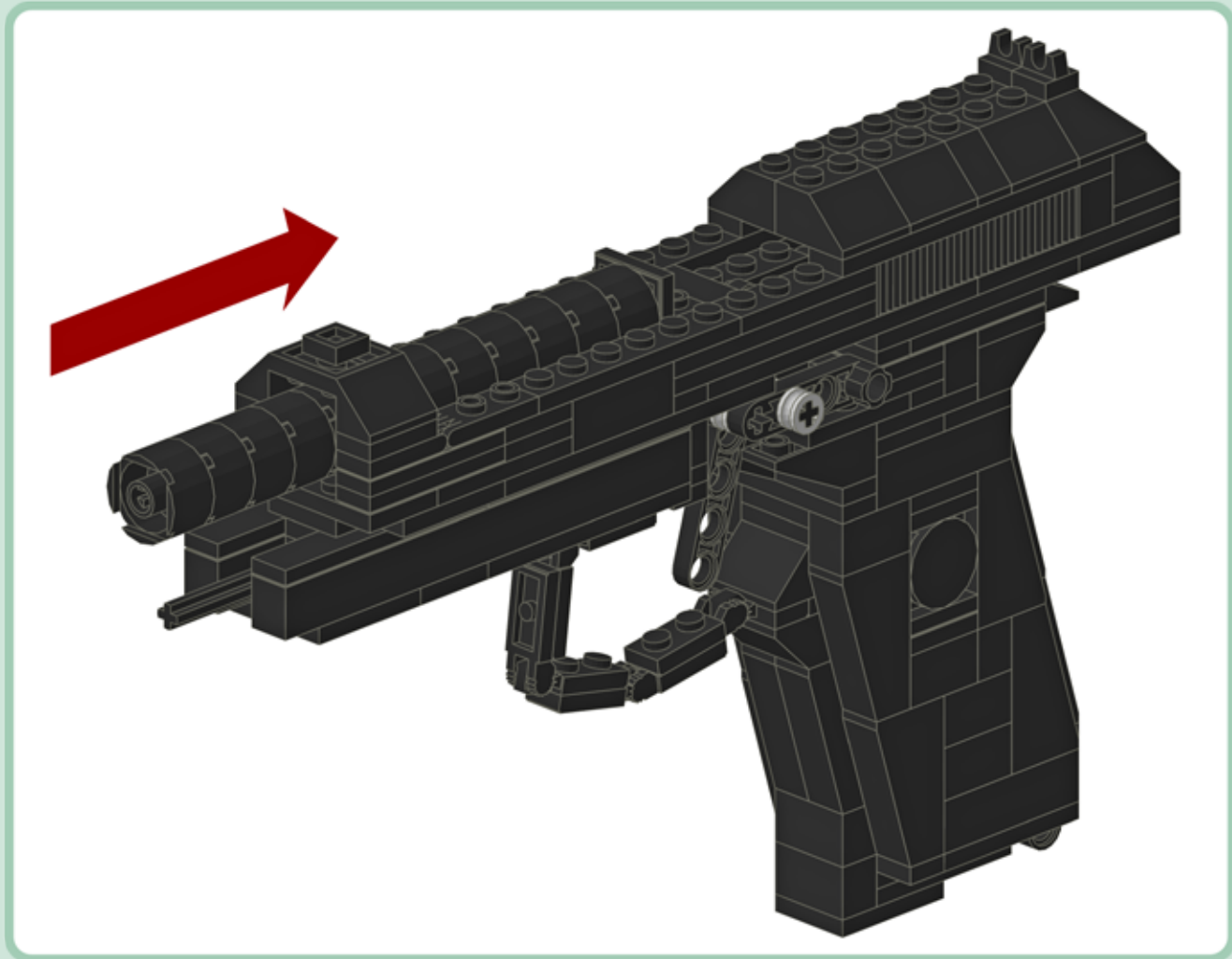
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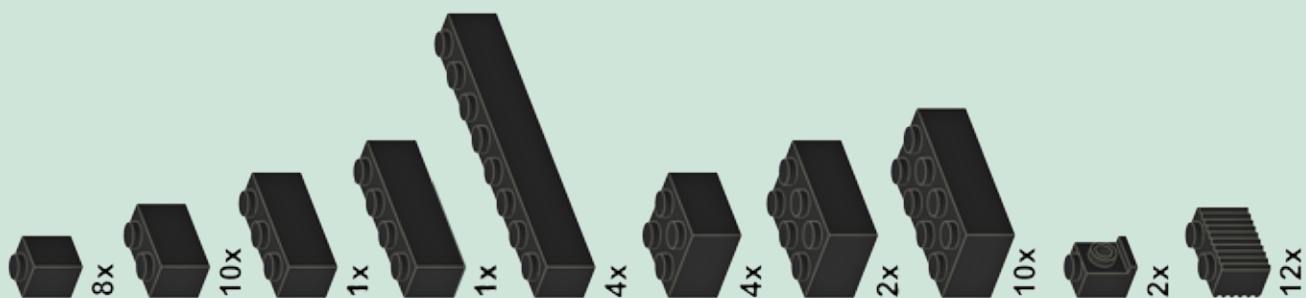
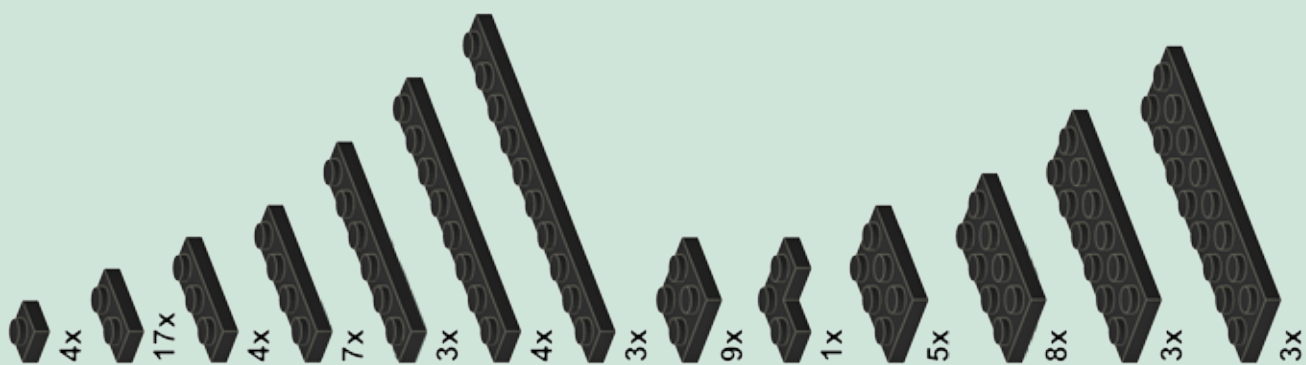
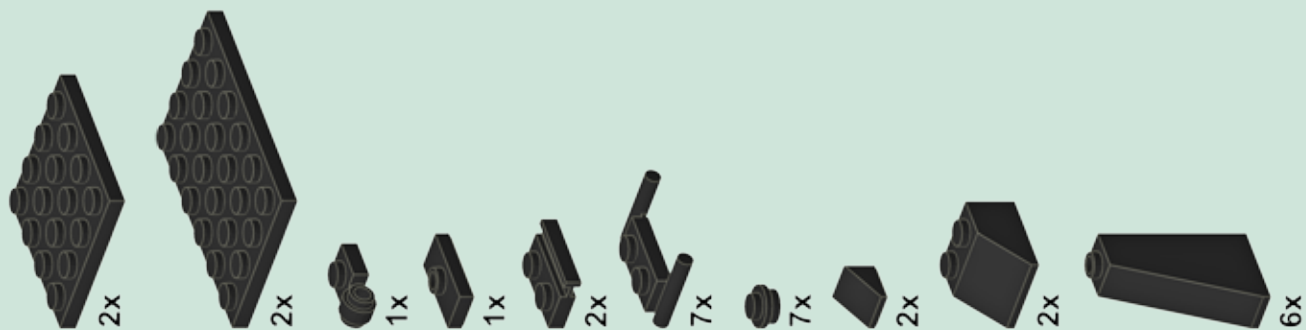


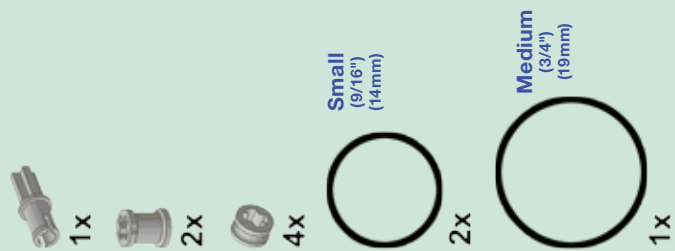
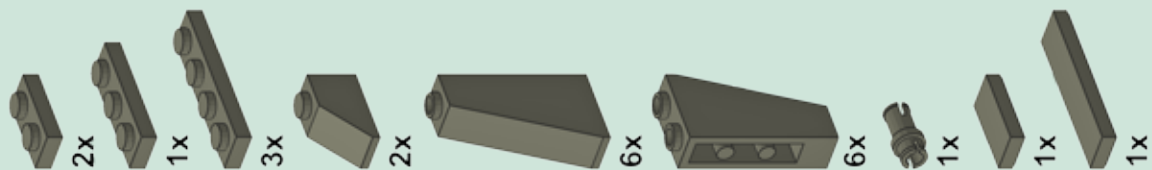
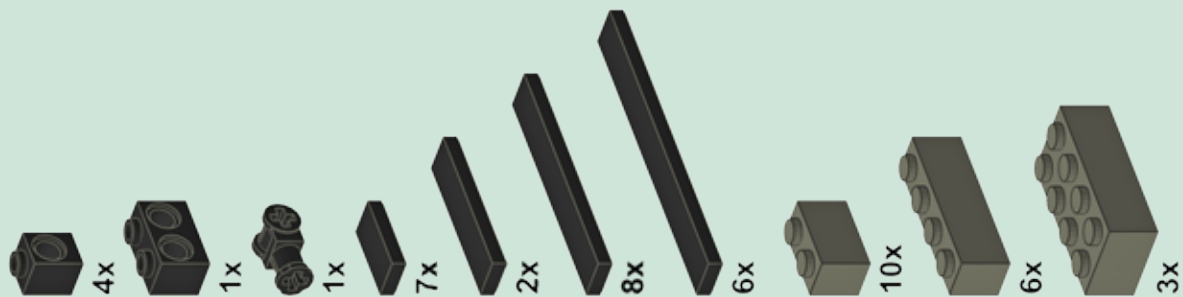
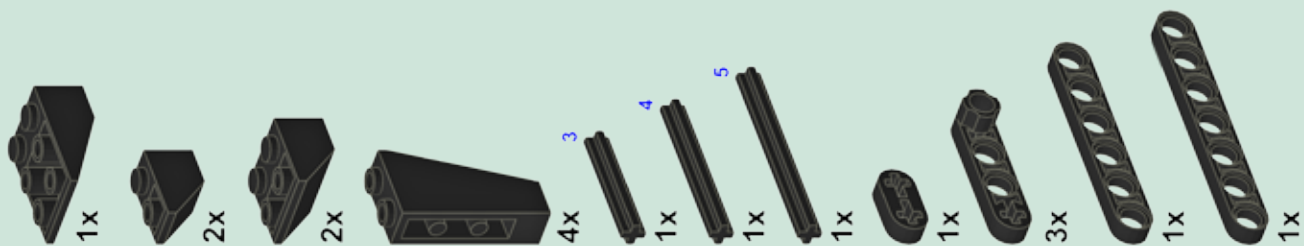


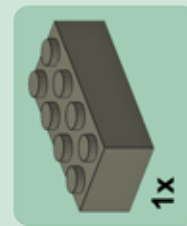
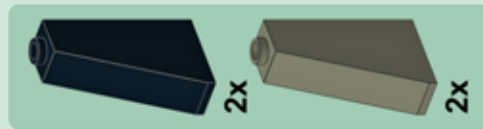
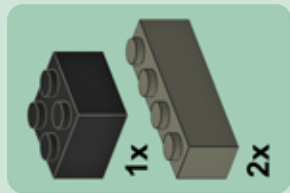
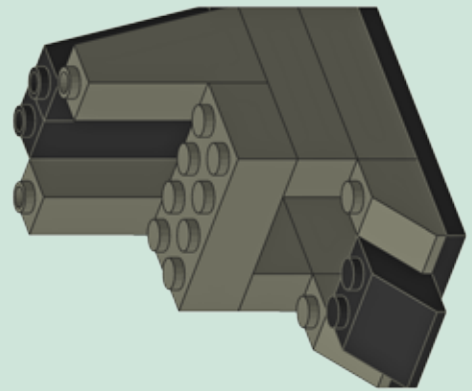
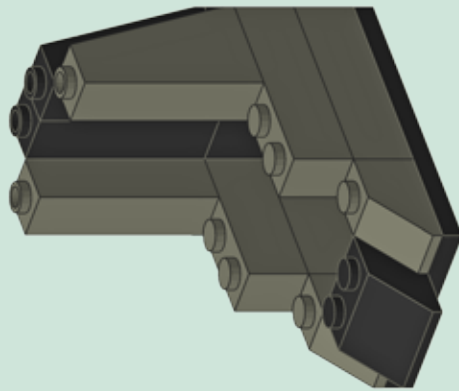
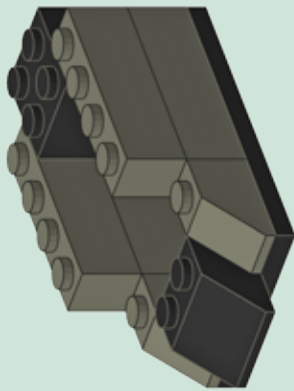
**DESERT
EAGLE**

BrickGun Desert Eagle Parts List			
Qty	Part #	Color	Description
8	3005	Black	Brick 1 × 1
10	3004	Black	Brick 1 × 2
1	3622	Black	Brick 1 × 3
1	3010	Black	Brick 1 × 4
4	3008	Black	Brick 1 × 8
4	3003	Black	Brick 2 × 2
2	3002	Black	Brick 2 × 3
10	3001	Black	Brick 2 × 4
2	4070	Black	Brick Modified 1 × 1 with Headlight
12	2877	Black	Brick Modified 1 × 2 with Grille
1	30236	Black	Brick Modified 1 × 2 with Handle
4	2653	Black	Brick Modified 1 × 4 with Groove
2	6091	Black	Brick Modified 1 × 2 × 1 1/3 with Curved Top
1	3941	Black	Brick Round 2 × 2
8	3063	Black	Brick Round Corner 2 × 2 Macaroni
6	3937	Black	Hinge Brick 1 × 2 Base
6	6134	Black	Hinge 2 × 2 Top Plate Thin
1	44301	Black	Hinge Plate 1 × 2 Locking with 1 Finger on End
2	44567	Black	Hinge Plate 1 × 2 Locking with 1 Finger on Side
3	44302	Black	Hinge Plate 1 × 2 Locking with 2 Fingers on End
4	3024	Black	Plate 1 × 1
17	3023	Black	Plate 1 × 2
4	3623	Black	Plate 1 × 3
7	3710	Black	Plate 1 × 4
3	3666	Black	Plate 1 × 6
4	3460	Black	Plate 1 × 8
3	4477	Black	Plate 1 × 10
9	3022	Black	Plate 2 × 2
1	2420	Black	Plate 2 × 2 Corner
5	3021	Black	Plate 2 × 3
8	3020	Black	Plate 2 × 4
3	3795	Black	Plate 2 × 6
3	3034	Black	Plate 2 × 8
2	3031	Black	Plate 4 × 4
2	3032	Black	Plate 4 × 6
1	4081b	Black	Plate Modified 1 × 1 with Clip Light - Thick Ring
1	3794	Black	Plate Modified 1 × 2 with 1 Stud (Jumper)
2	32028	Black	Plate Modified 1 × 2 with Door Rail
7	3839b	Black	Plate Modified 1 × 2 with Handles - Flat Ends, Low Attachment
7	4073	Black	Plate Round 1 × 1 Straight Side

BrickGun Desert Eagle Parts List (cont'd)			
Qty	Part #	Color	Description
2	50746	Black	Slope 30° 1 × 1 × 2/3
2	3039	Black	Slope 45° 2 × 2
6	4460	Black	Slope 75° 2 × 1 × 3
1	3747a	Black	Slope Inverted 33° 3 × 2 without Connections between Studs
2	3665	Black	Slope Inverted 45° 2 × 1
2	3660	Black	Slope Inverted 45° 2 × 2
4	2449	Black	Slope Inverted 75° 2 × 1 × 3
1	4519	Black	Technic Axle 3
1	3705	Black	Technic Axle 4
1	32073	Black	Technic Axle 5
1	41677	Black	Technic Liftarm 1 × 2 Thin
3	2825	Black	Technic Liftarm 1 × 4 Thin with Stud Connector
1	32063	Black	Technic Liftarm 1 × 6 Thin
1	32065	Black	Technic Liftarm 1 × 7 Thin
4	6541	Black	Technic Brick 1 × 1 with Hole
1	32000	Black	Technic Brick 1 × 2 with Holes
1	32039	Black	Technic Axle Connector with Axle Hole
7	3069b	Black	Tile 1 × 2
2	2431	Black	Tile 1 × 4
8	6636	Black	Tile 1 × 6
6	4162	Black	Tile 1 × 8
10	3004	Dark Grey	Brick 1 × 2
6	3010	Dark Grey	Brick 1 × 4
3	3001	Dark Grey	Brick 2 × 4
2	3023	Dark Grey	Plate 1 × 2
1	3623	Dark Grey	Plate 1 × 3
3	3710	Dark Grey	Plate 1 × 4
2	3040	Dark Grey	Slope 45° 2 × 1
6	4460	Dark Grey	Slope 75° 2 × 1 × 3
6	2449	Dark Grey	Slope Inverted 75° 2 × 1 × 3
1	32002	Dark Grey	Technic Pin 3/4
1	3069b	Dark Grey	Tile 1 × 2
1	2431	Dark Grey	Tile 1 × 4
1	3749	Light Grey	Technic Axle Pin without Friction Ridges Lengthwise
2	3713	Light Grey	Technic Bush
4	32123	Light Grey	Technic Bush 1/2 Smooth
2	n/a	n/a	Rubber Band - Small (9/16" or 14mm)
1	n/a	n/a	Rubber Band - Medium (3/4" or 19mm)
290 Total Parts			78 Part Types



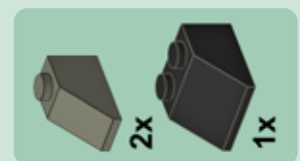
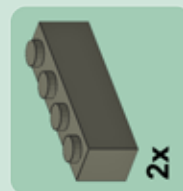
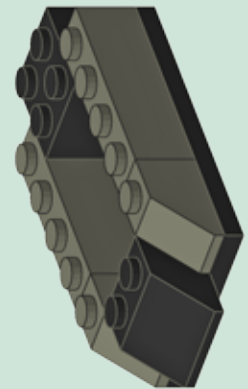
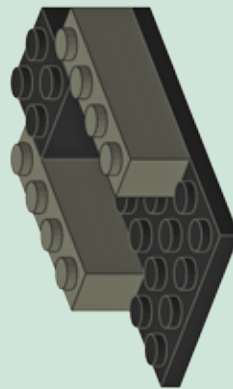




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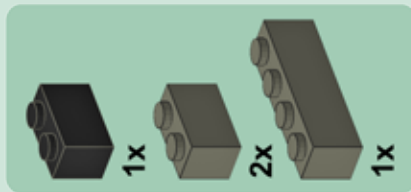
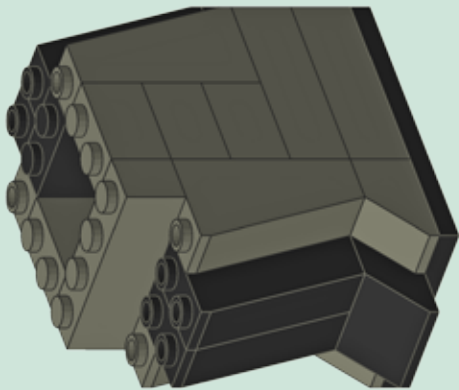


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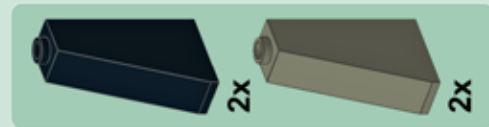
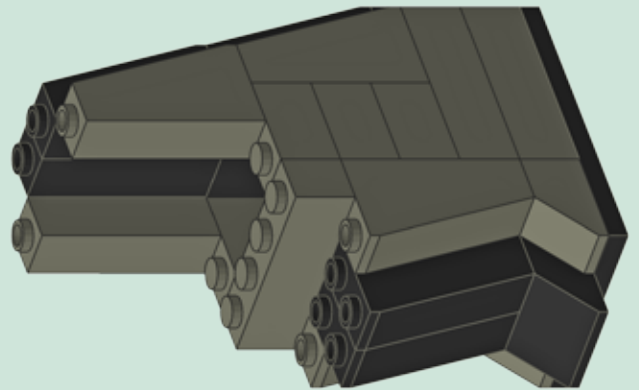
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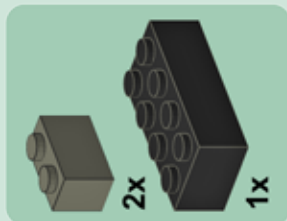
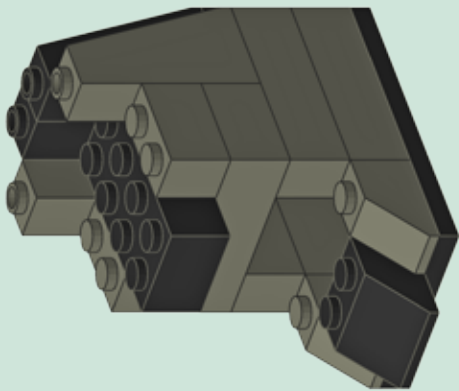
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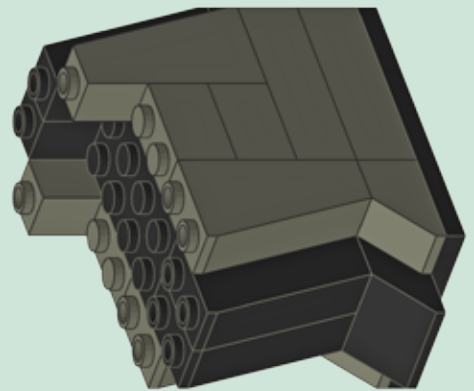
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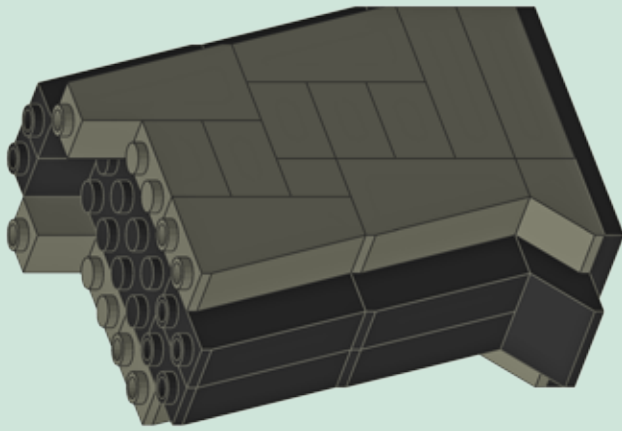
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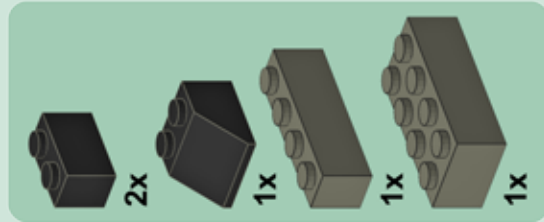
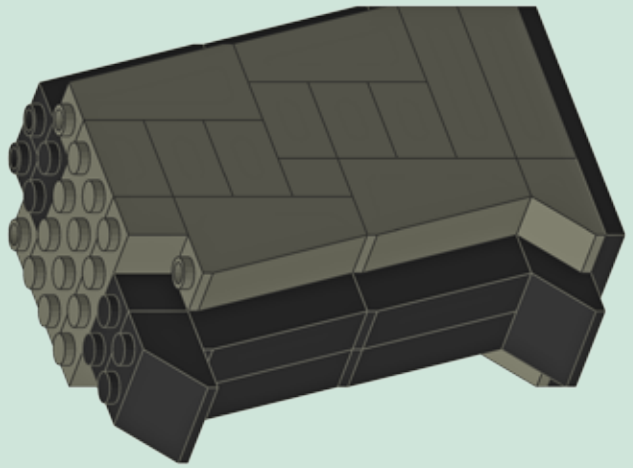
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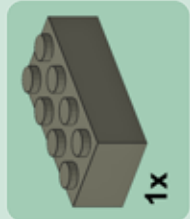
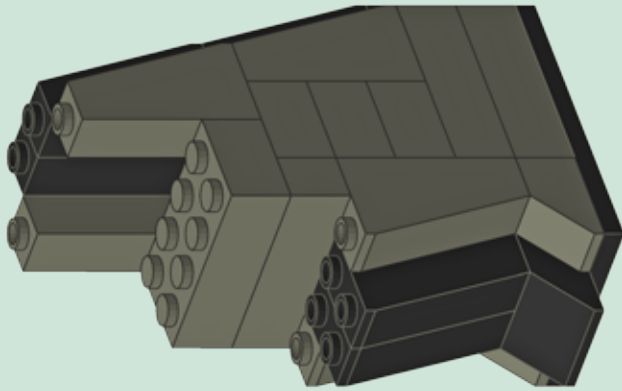
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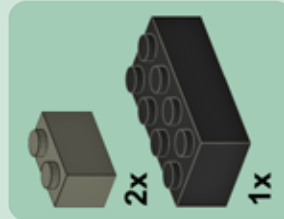
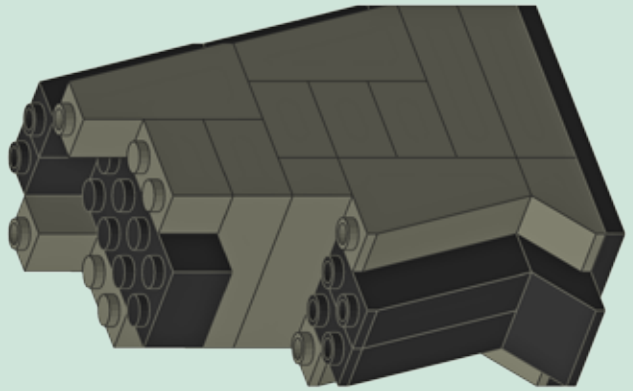
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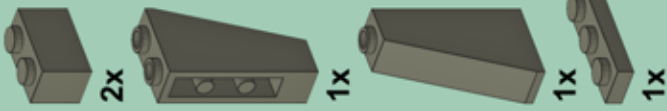
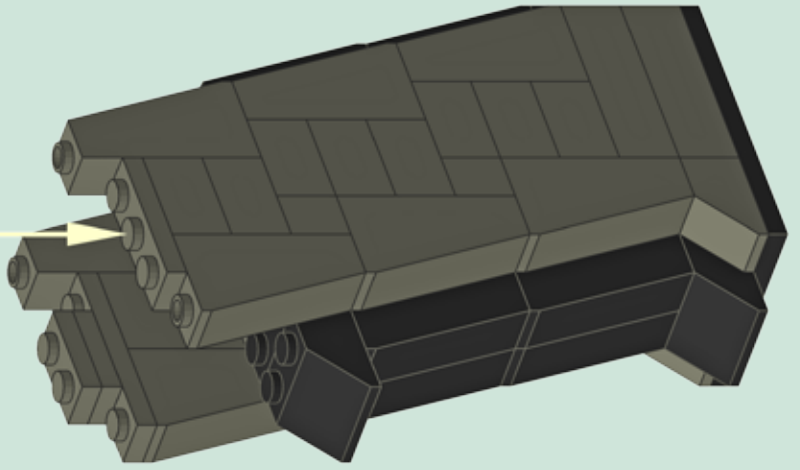
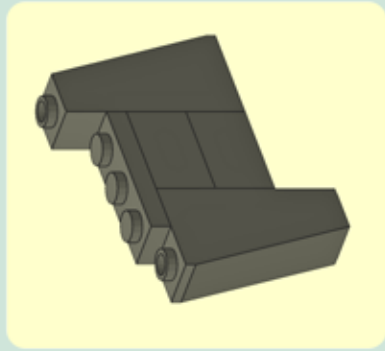
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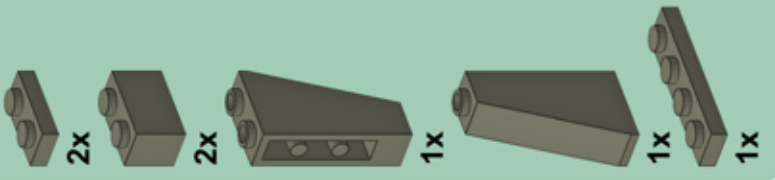
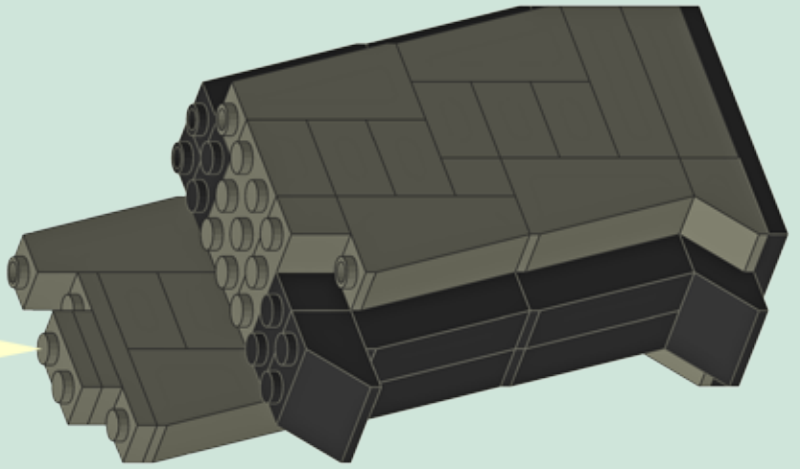
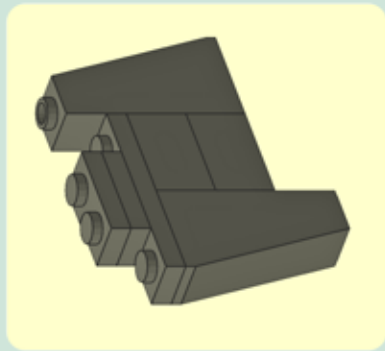
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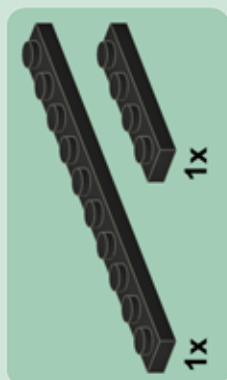
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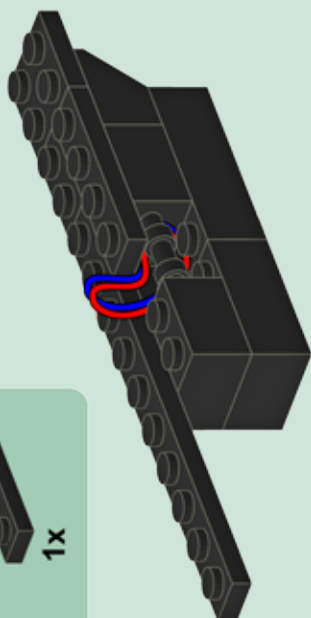
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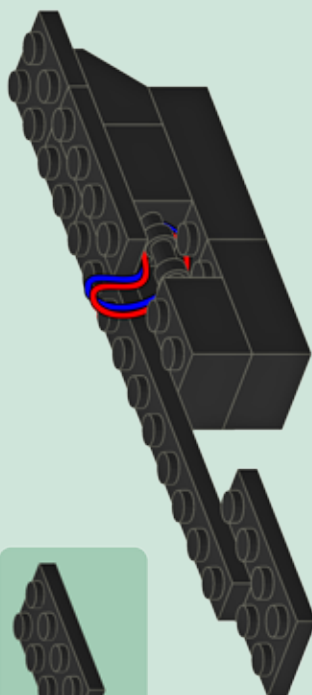
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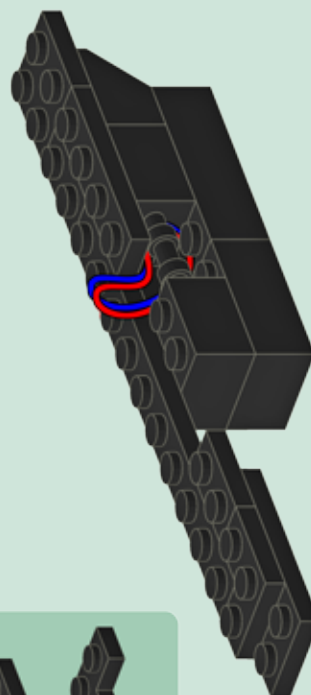
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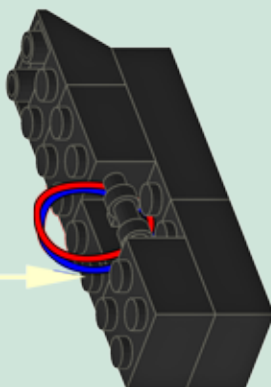
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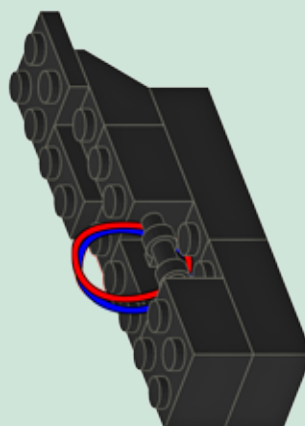
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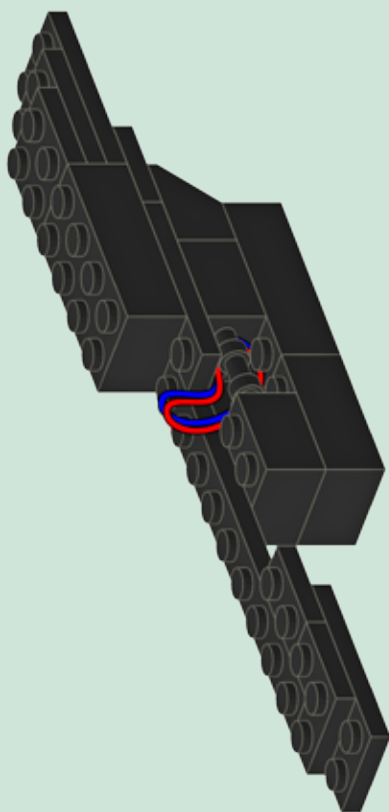


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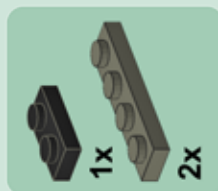
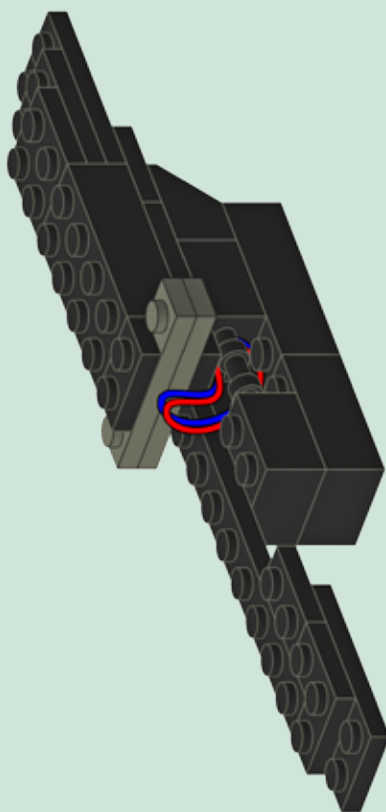


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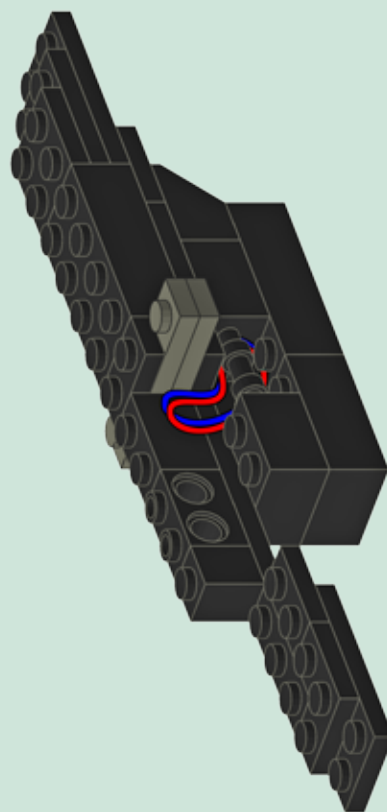




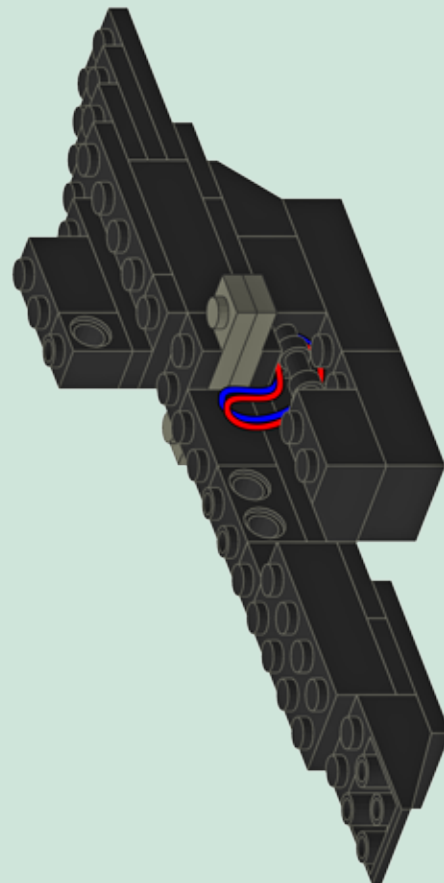
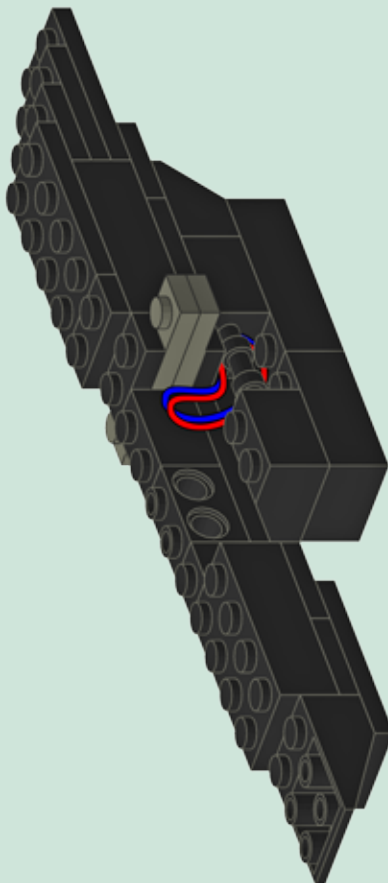
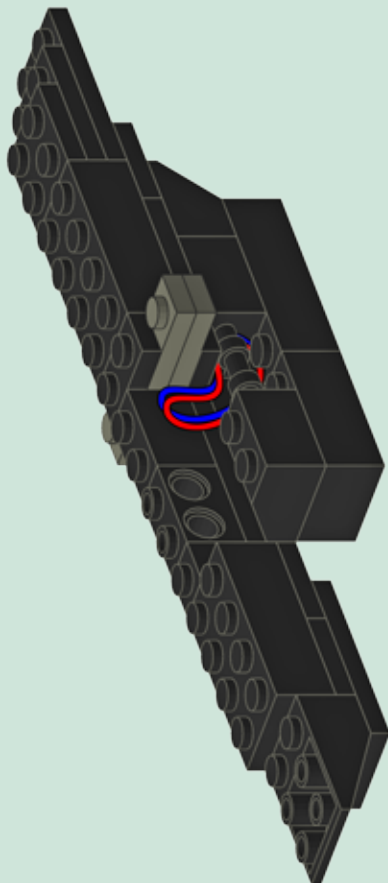
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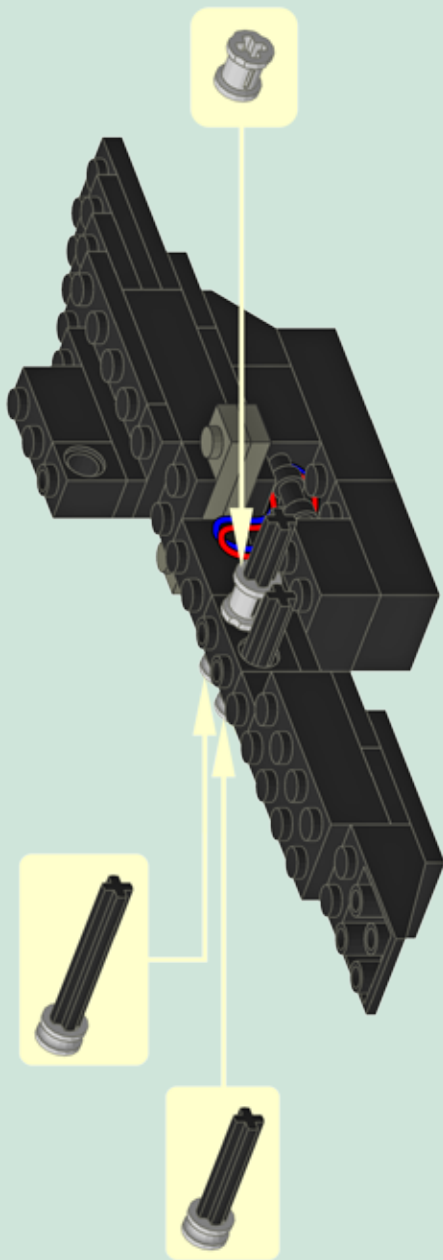
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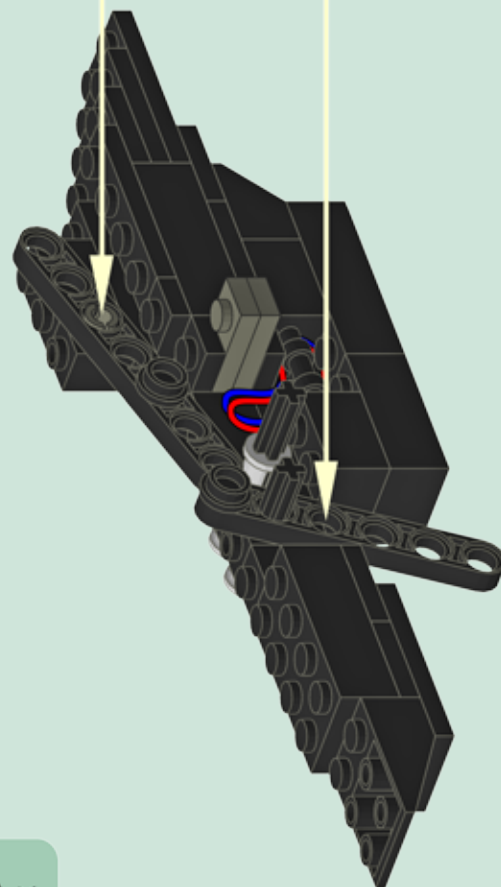
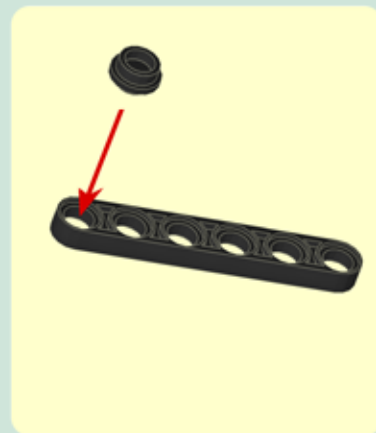
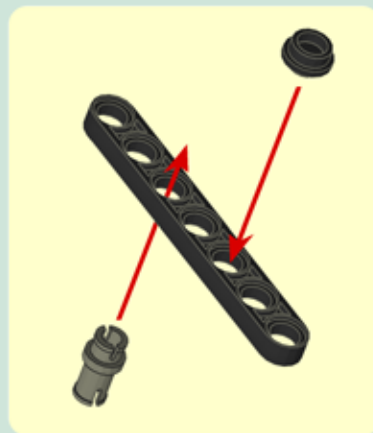
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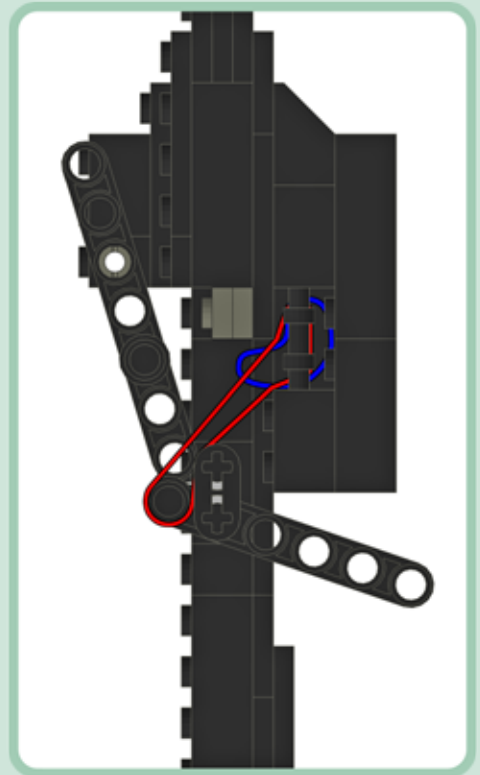
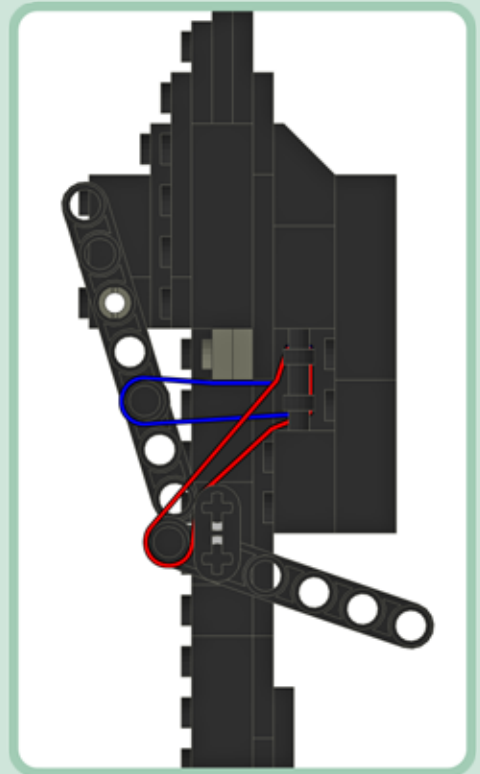
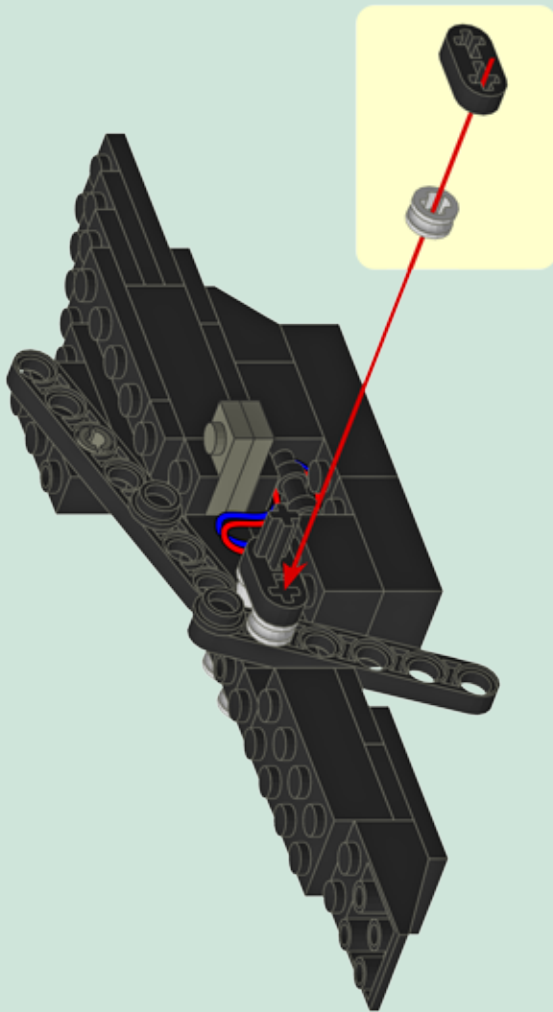
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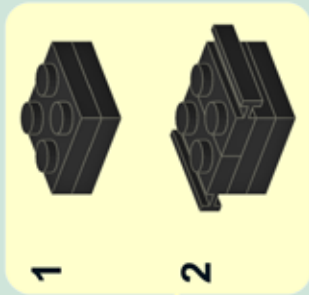
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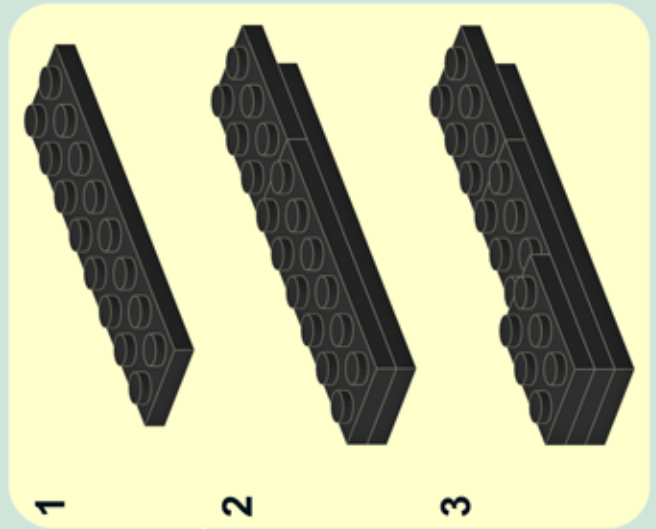






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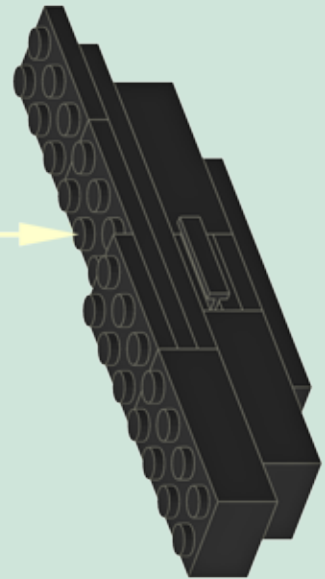
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1

2

3



1x

1x



2x

2x

1x



2x

1x

1x

1x

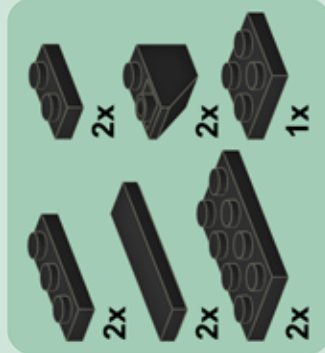
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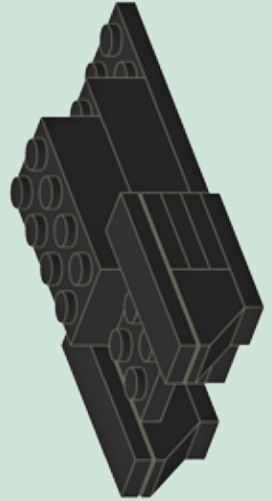
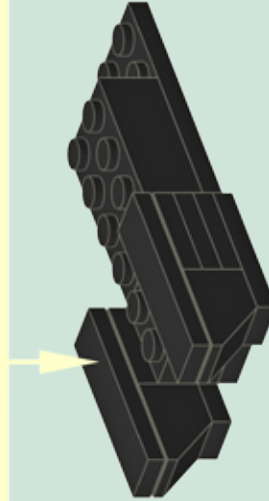
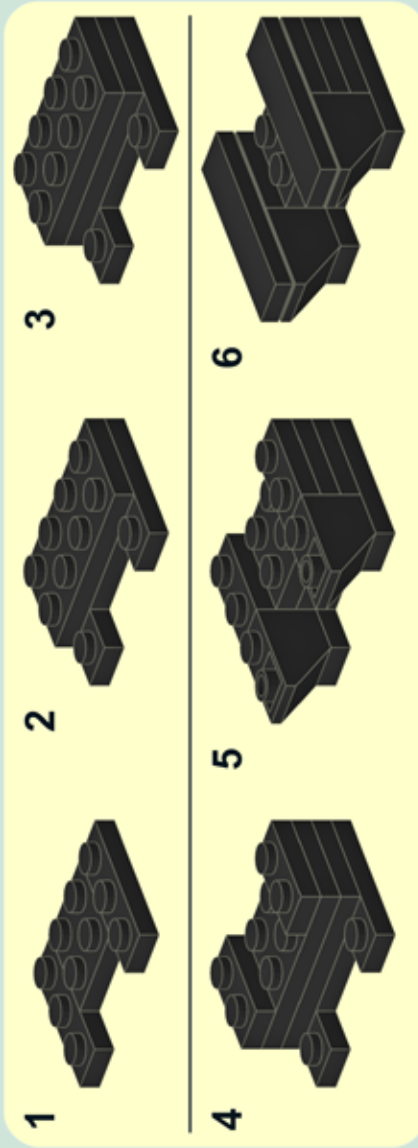
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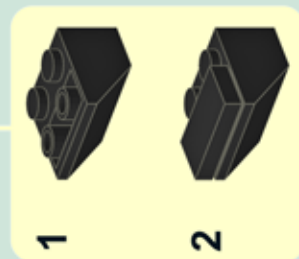
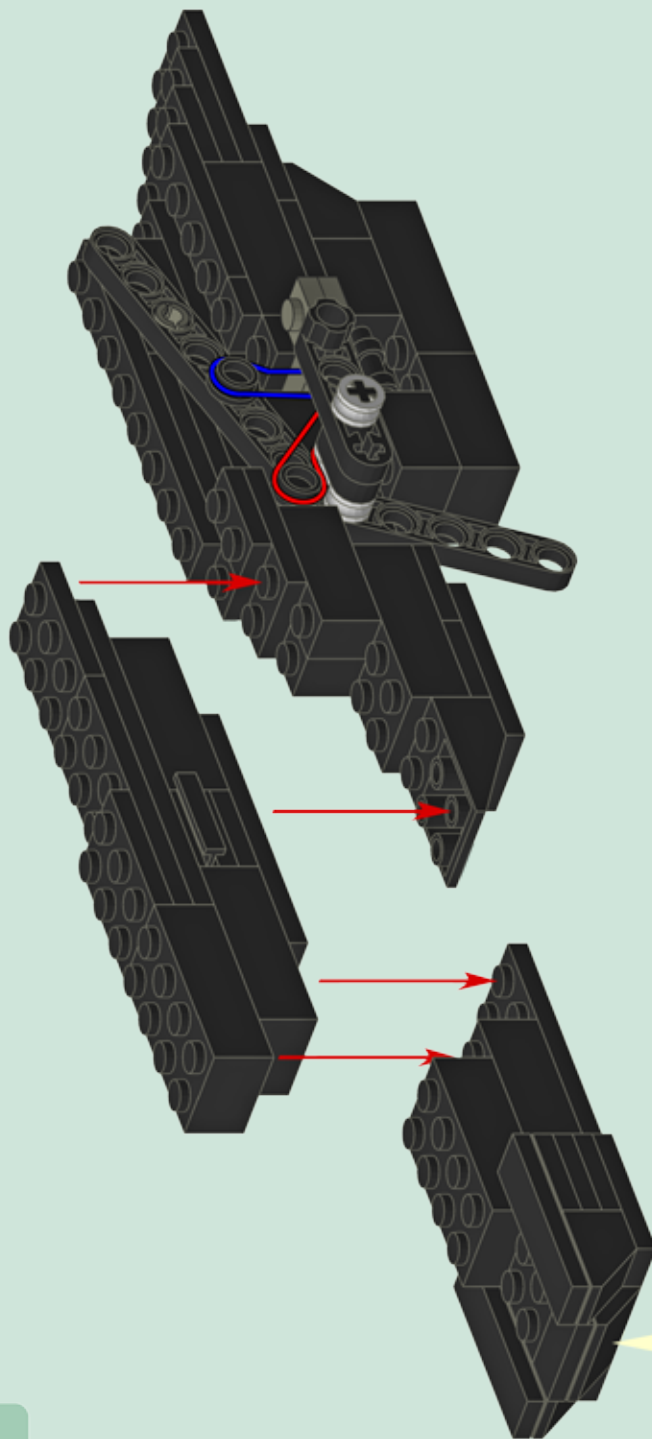


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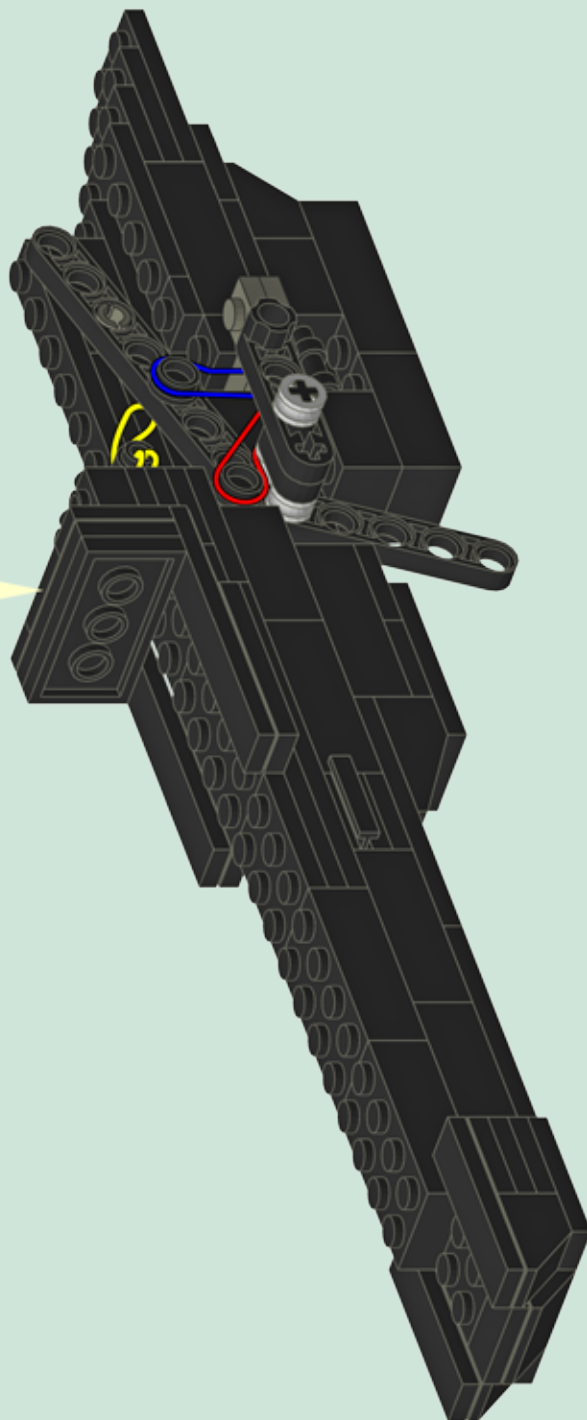
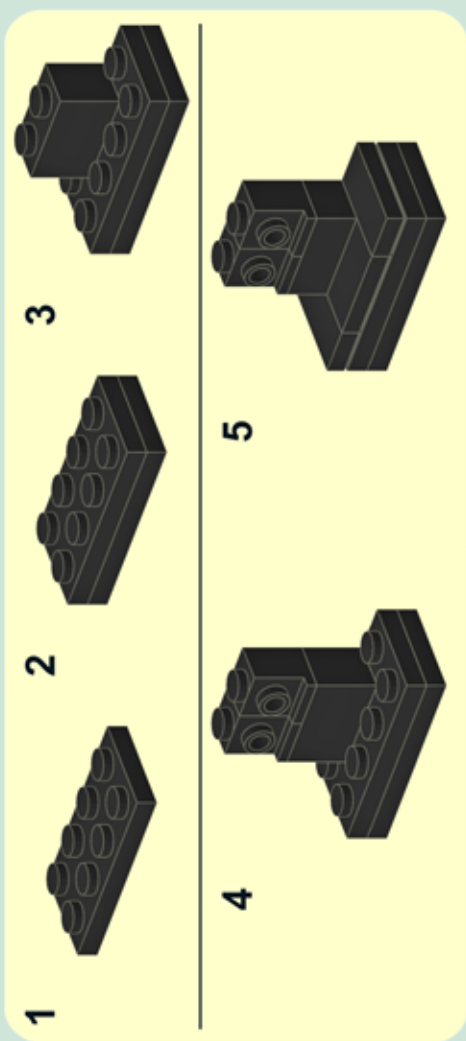
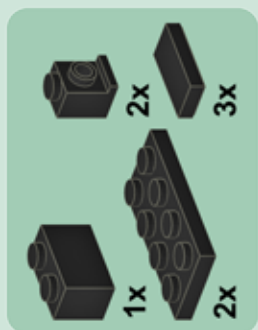
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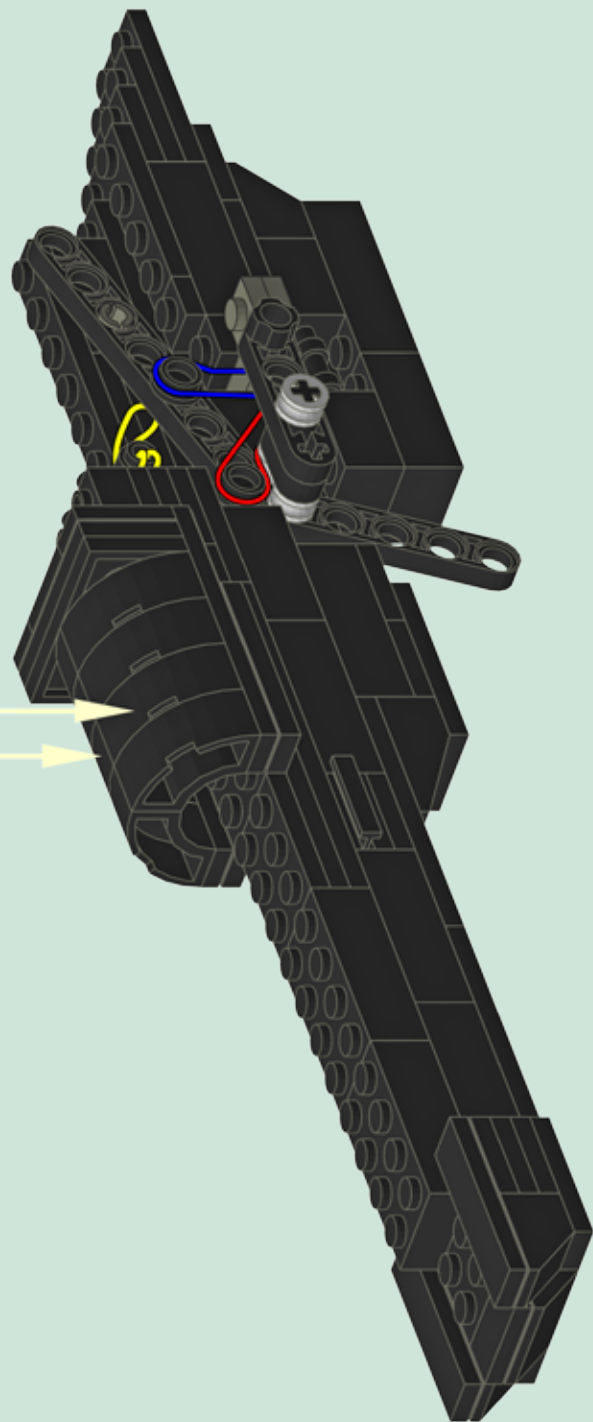
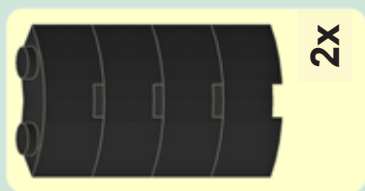


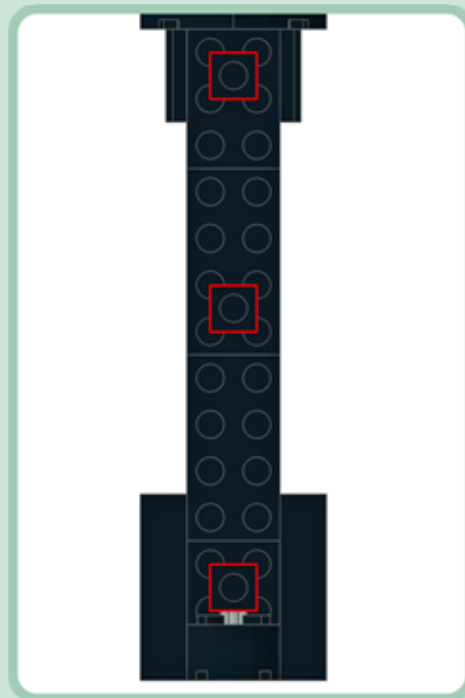
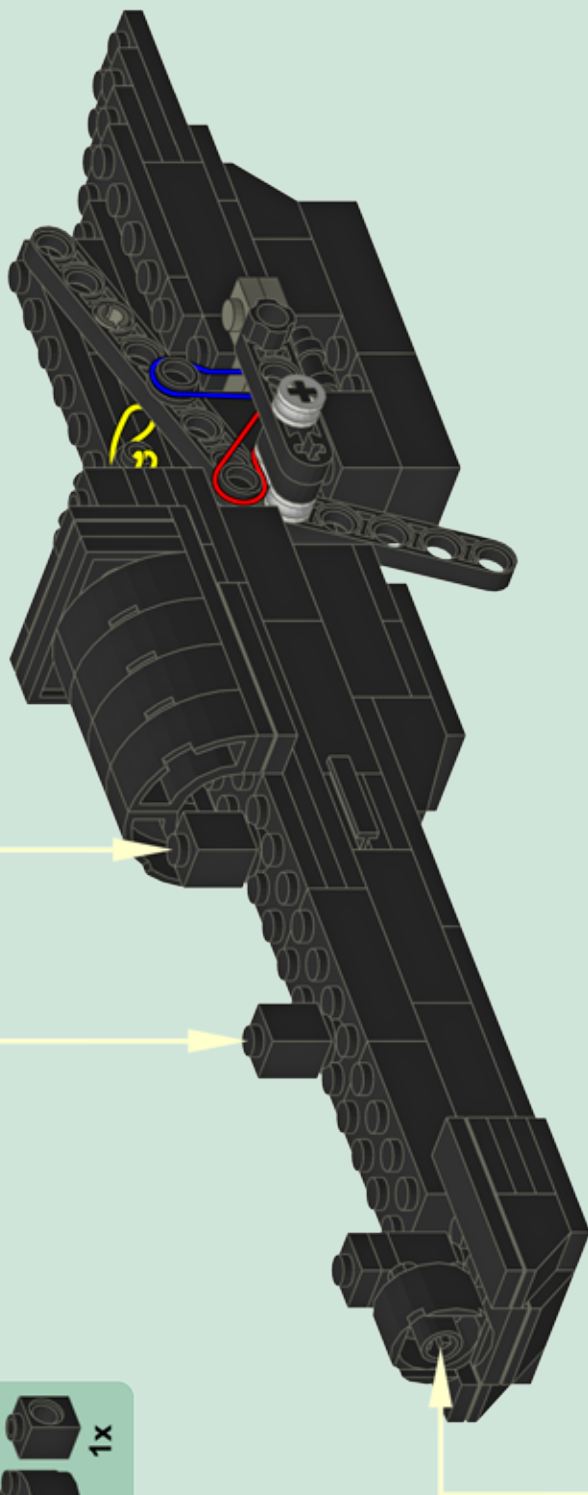
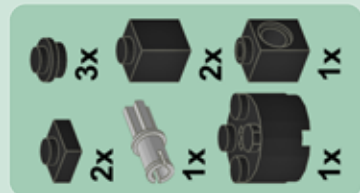
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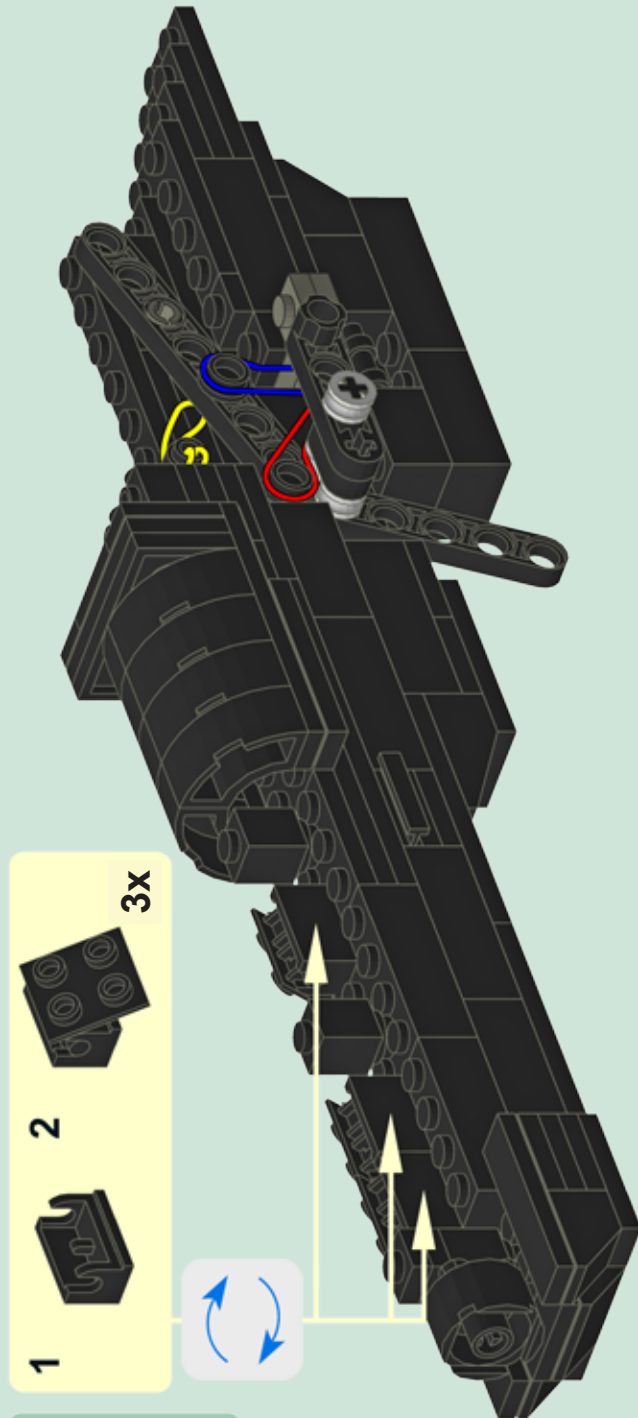
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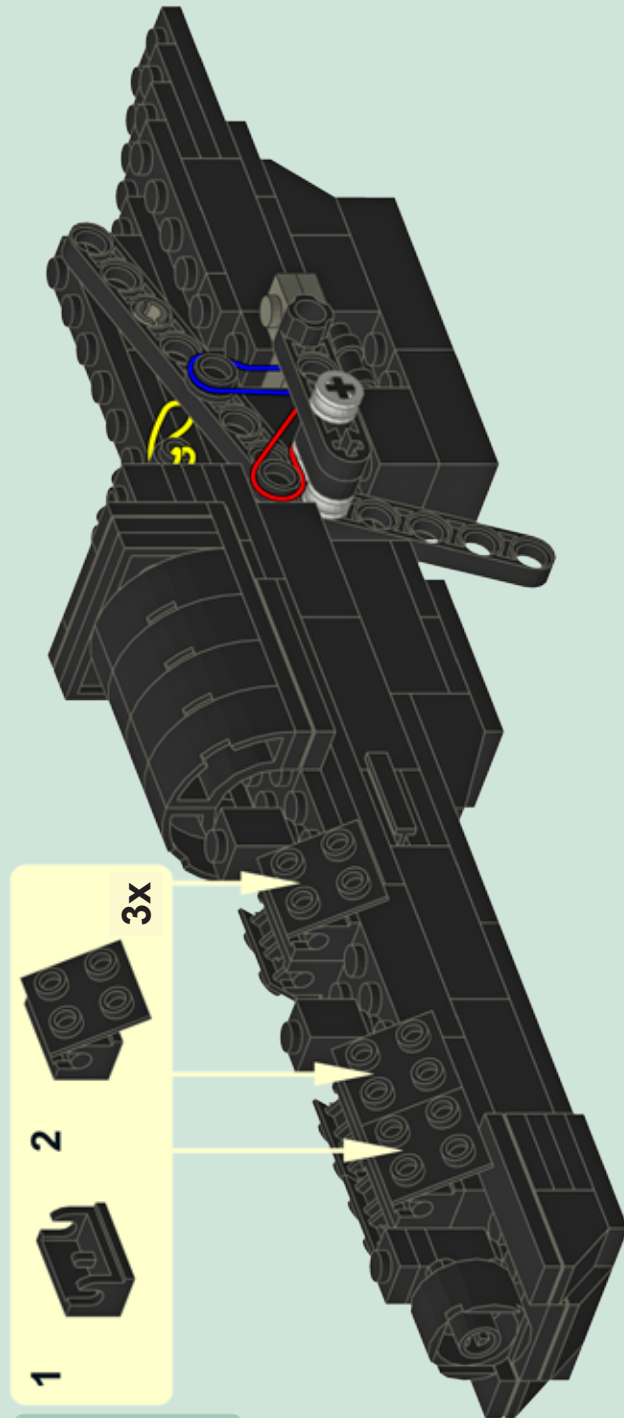
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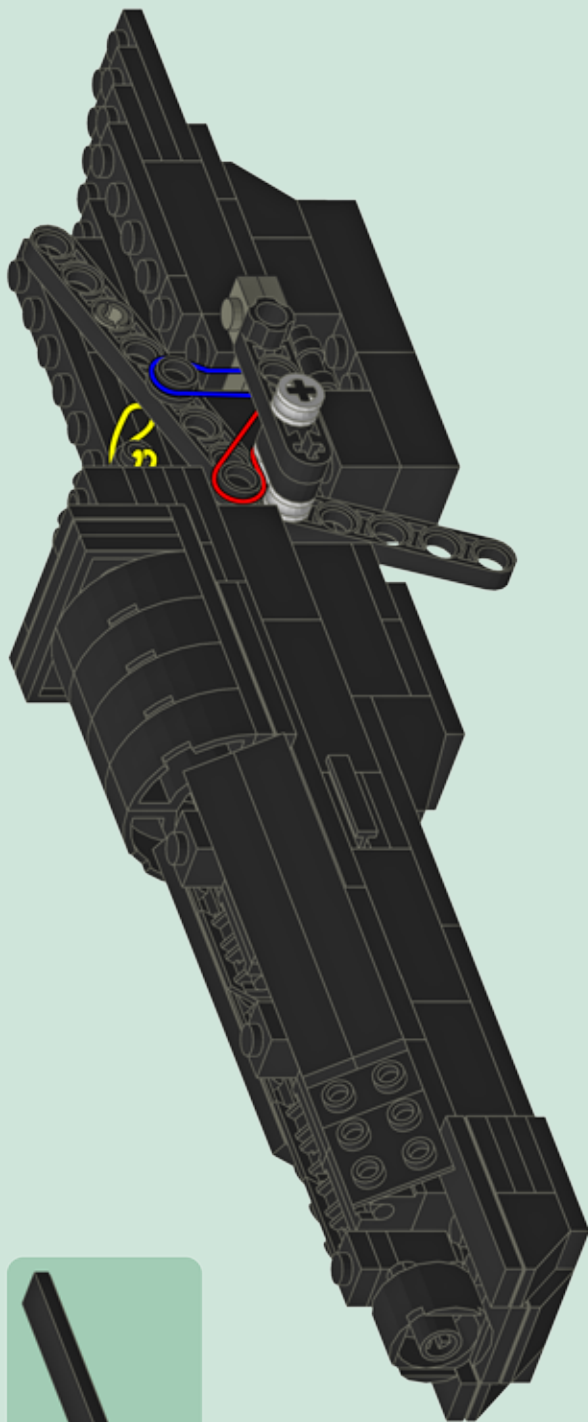




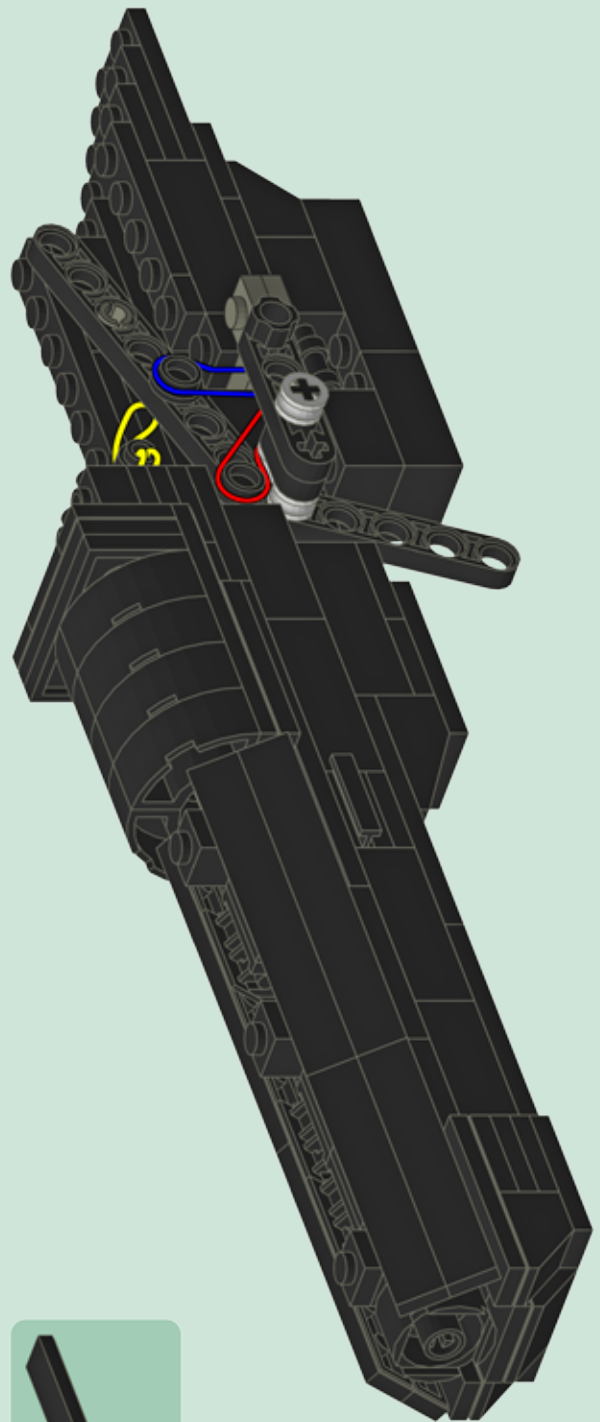
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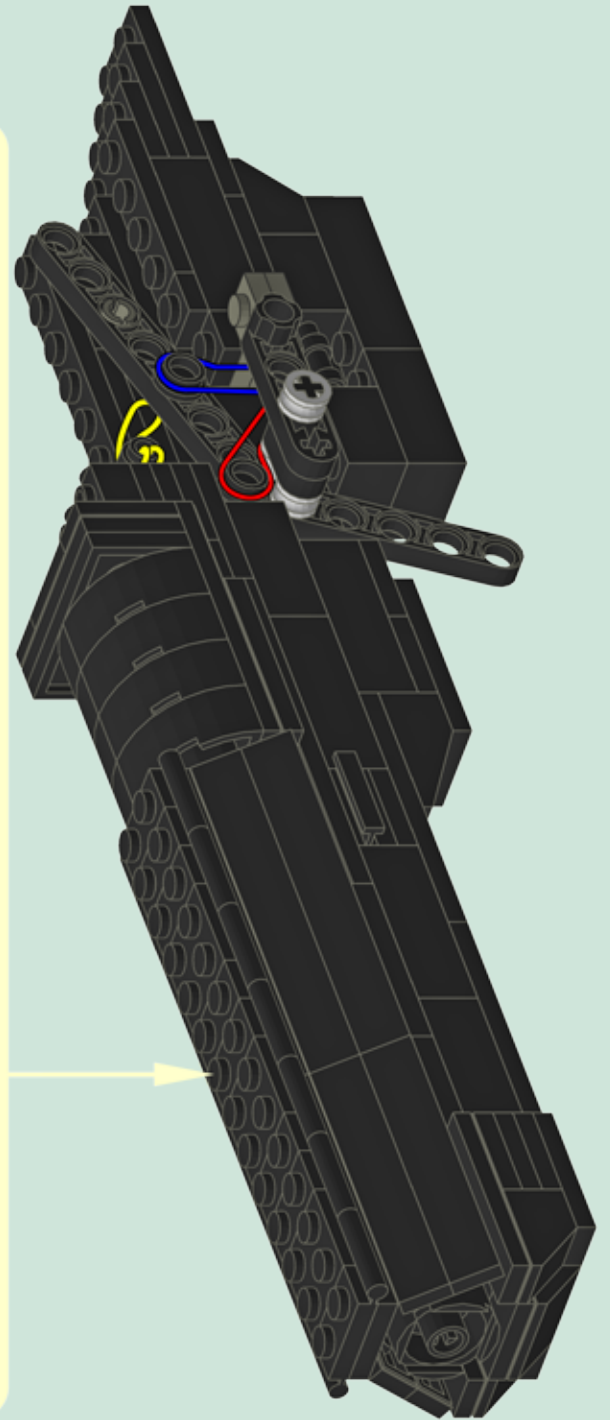
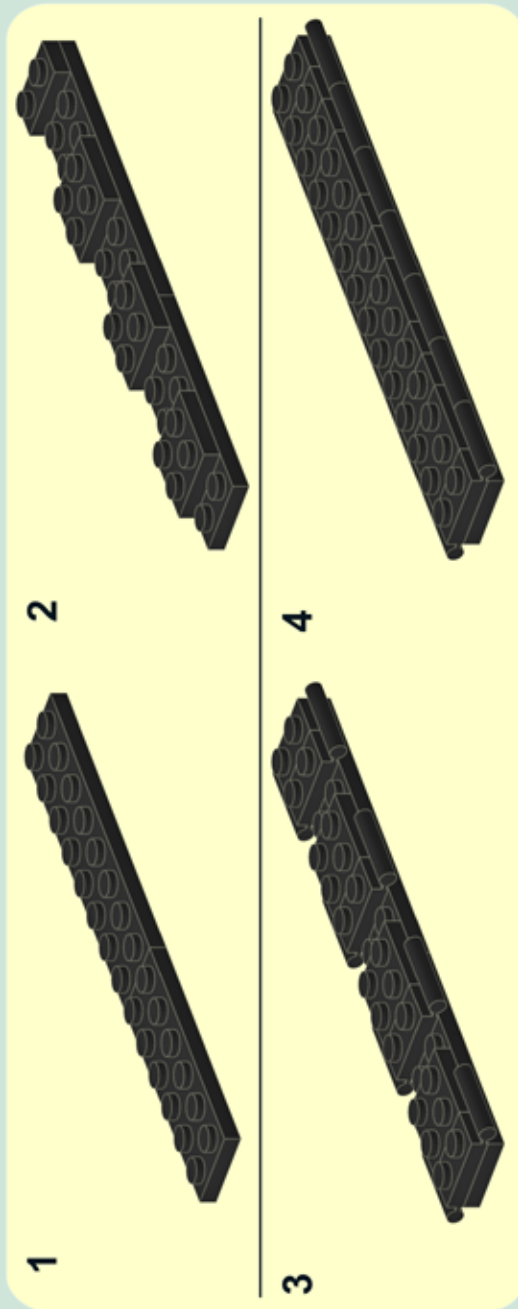
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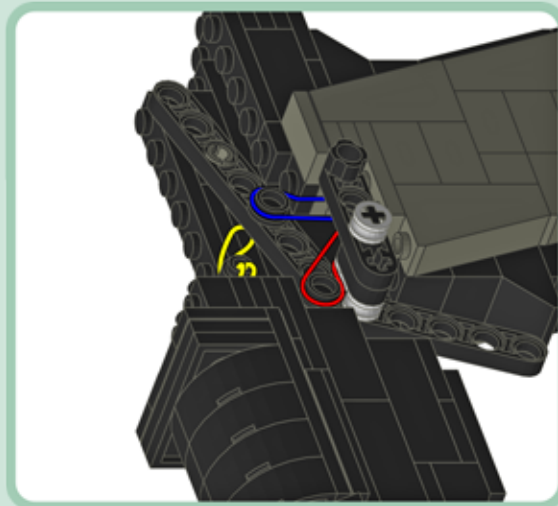
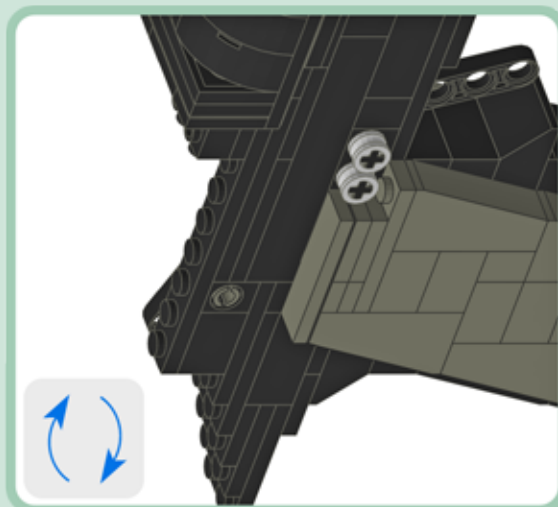
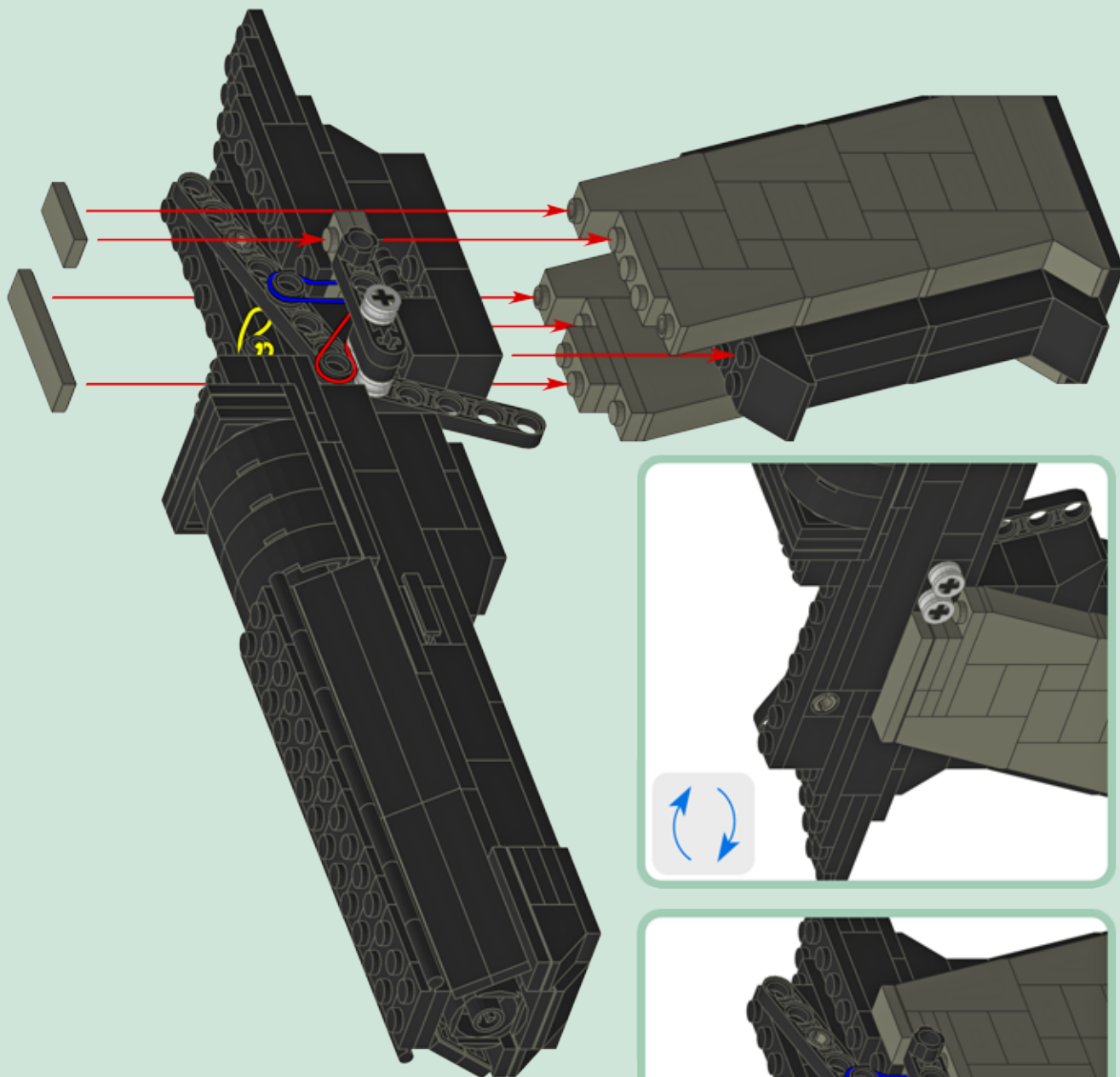


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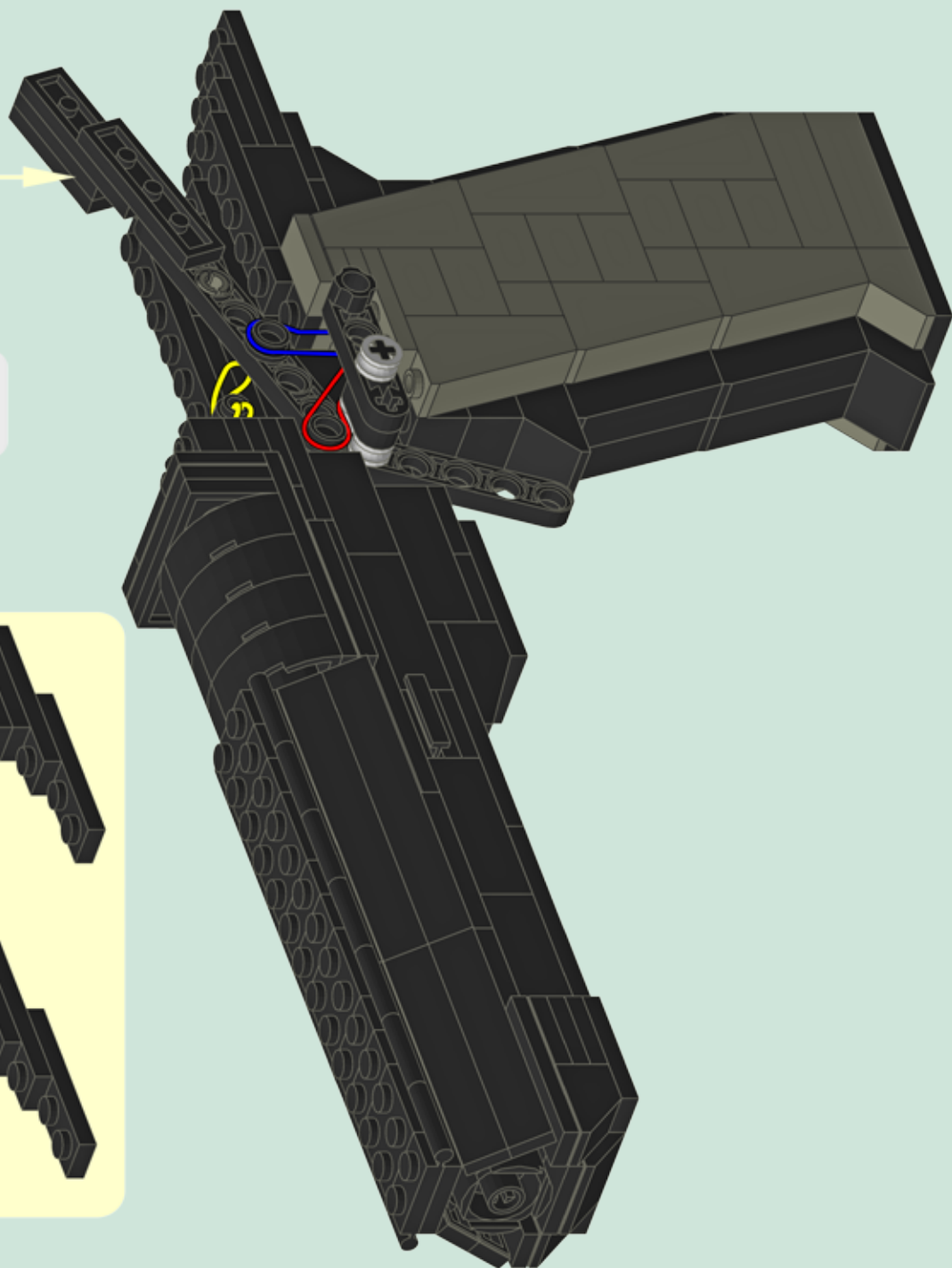
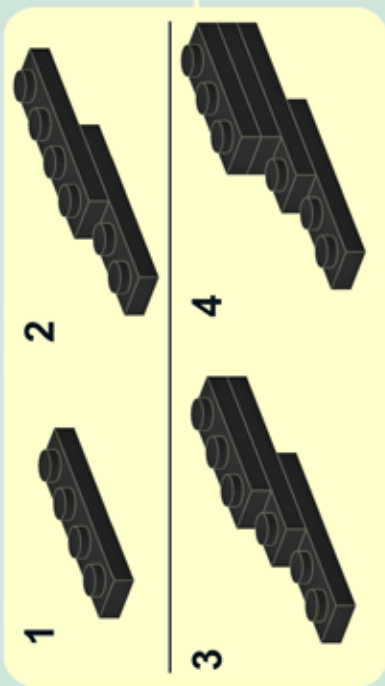
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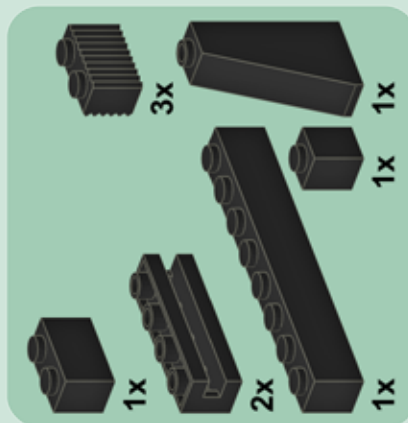
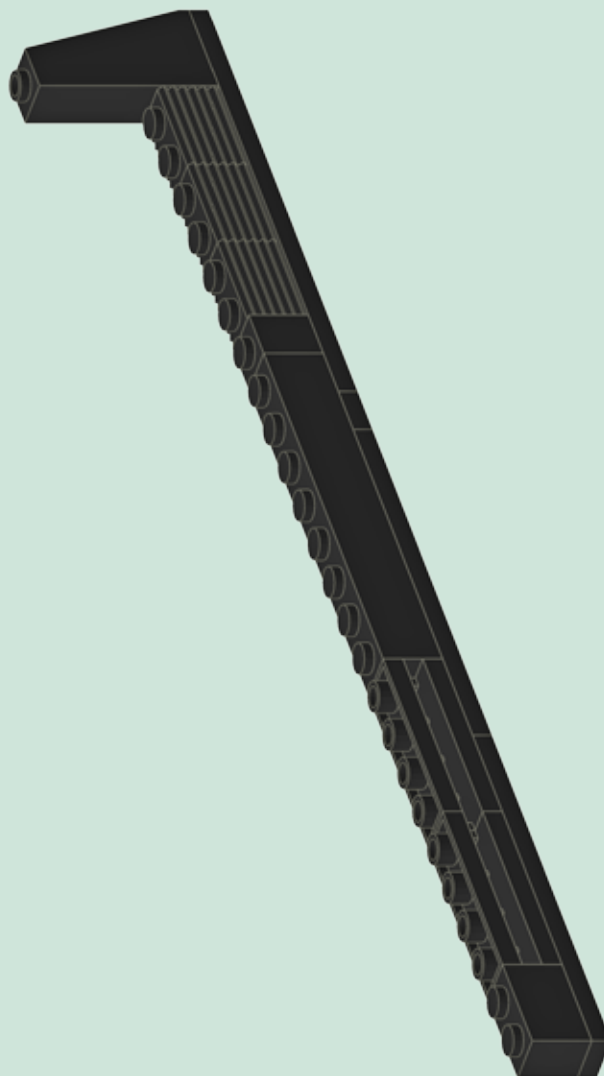
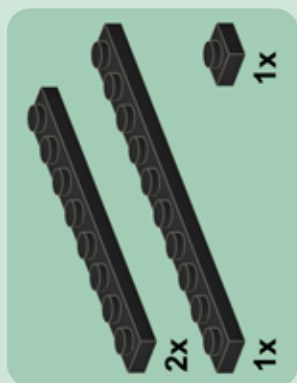




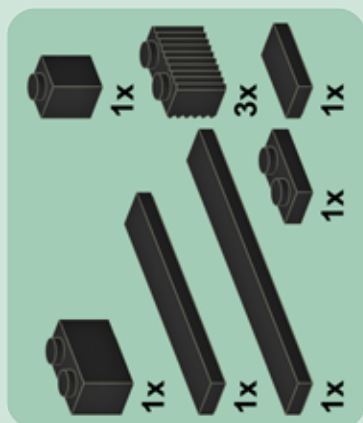
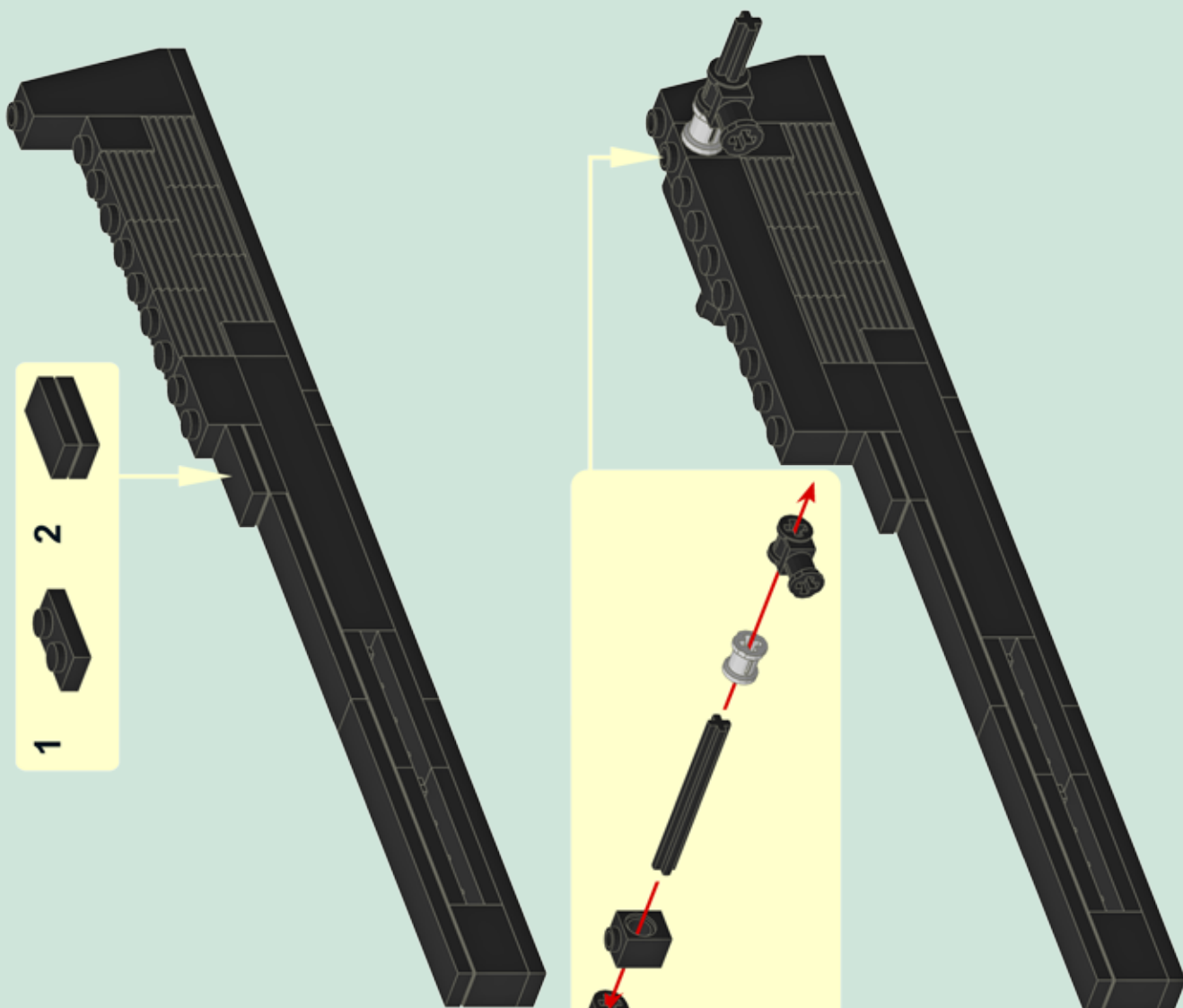
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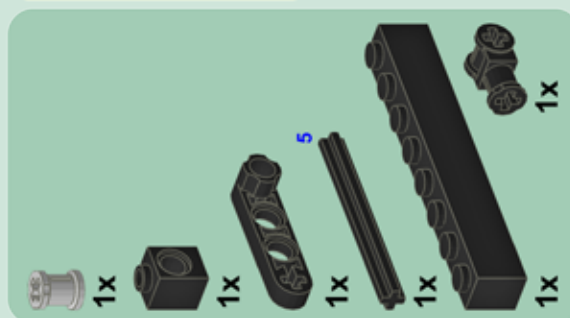




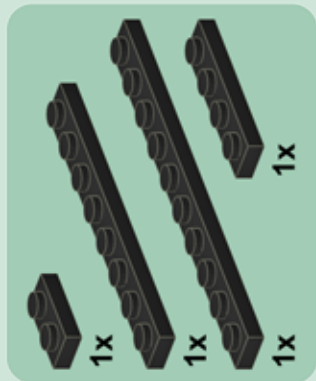
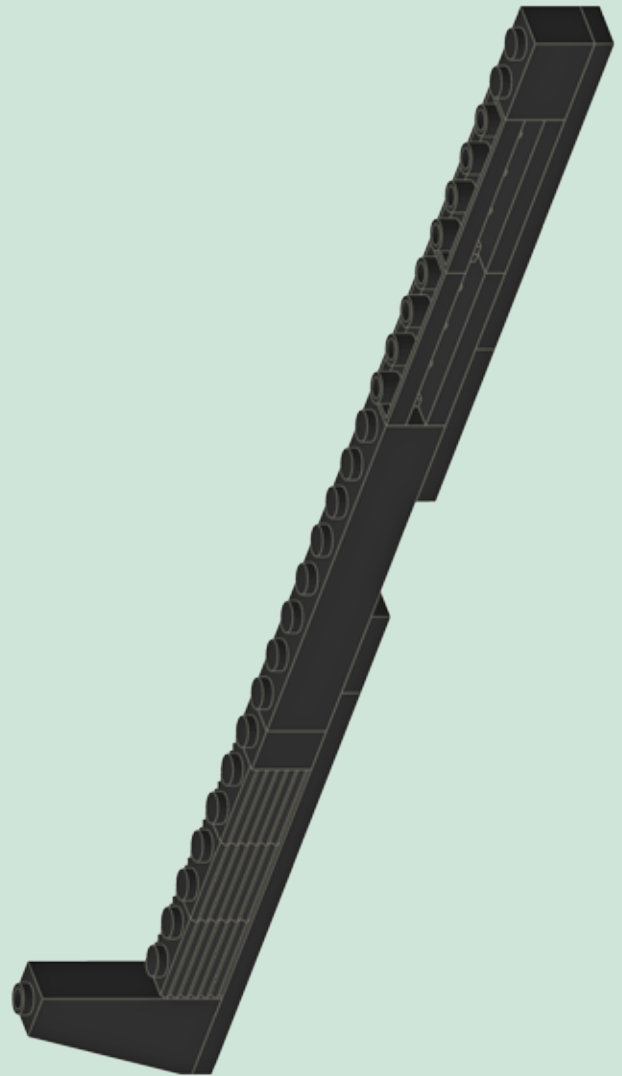
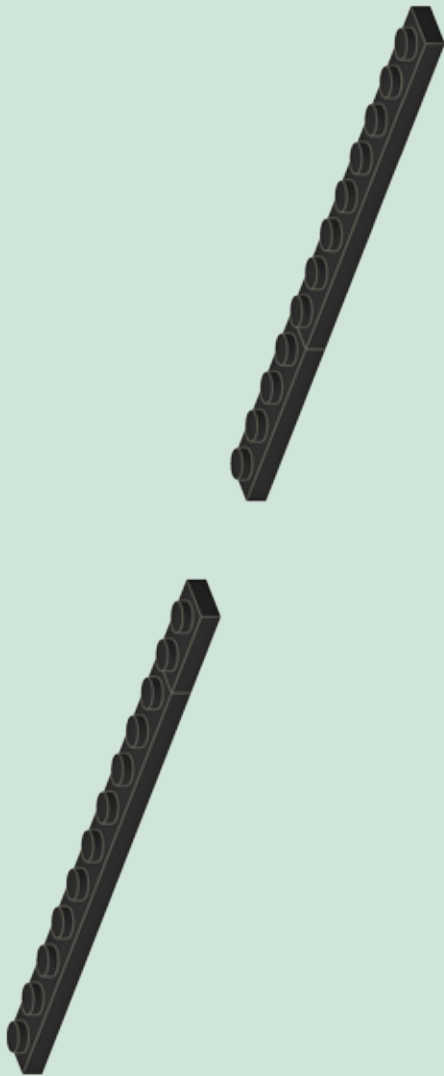
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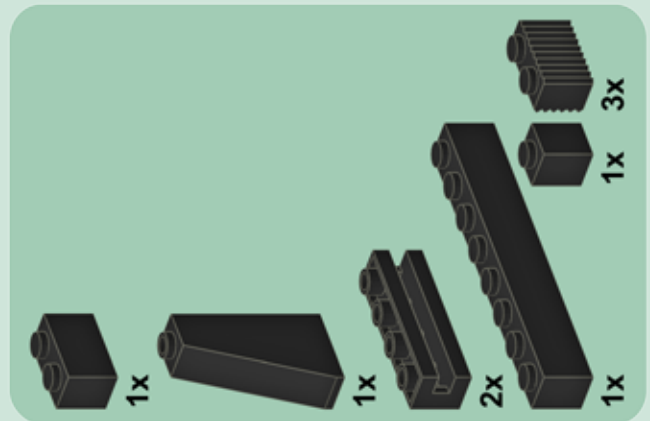
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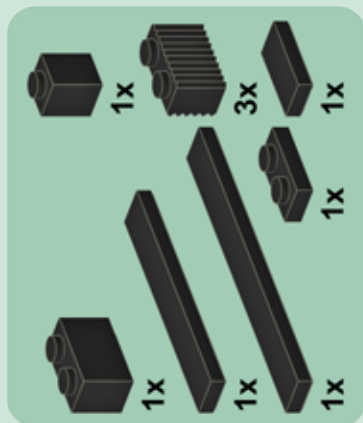
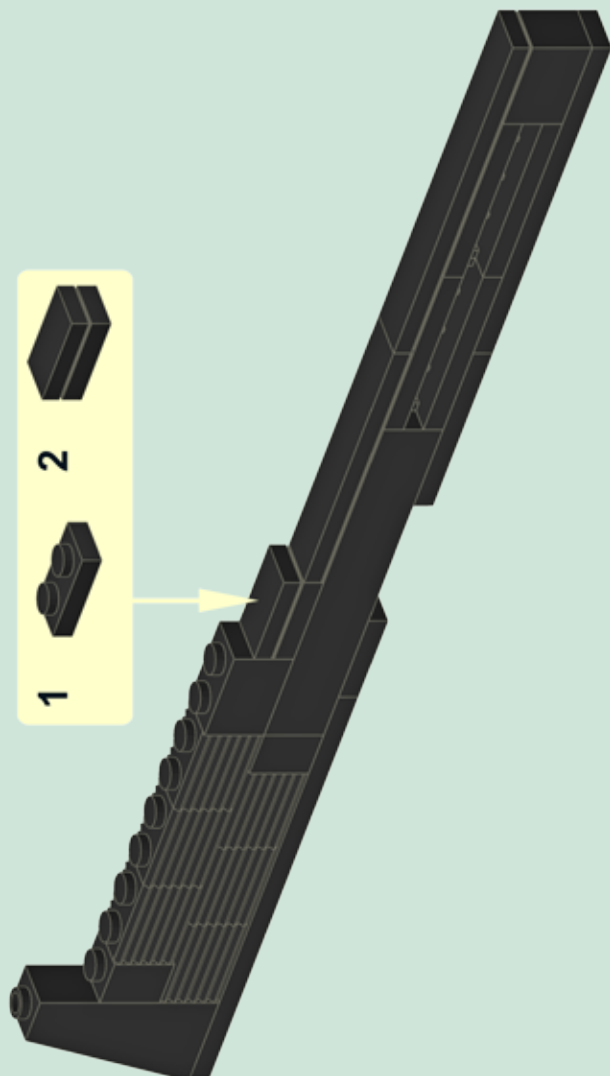
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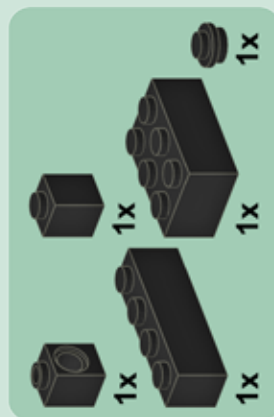
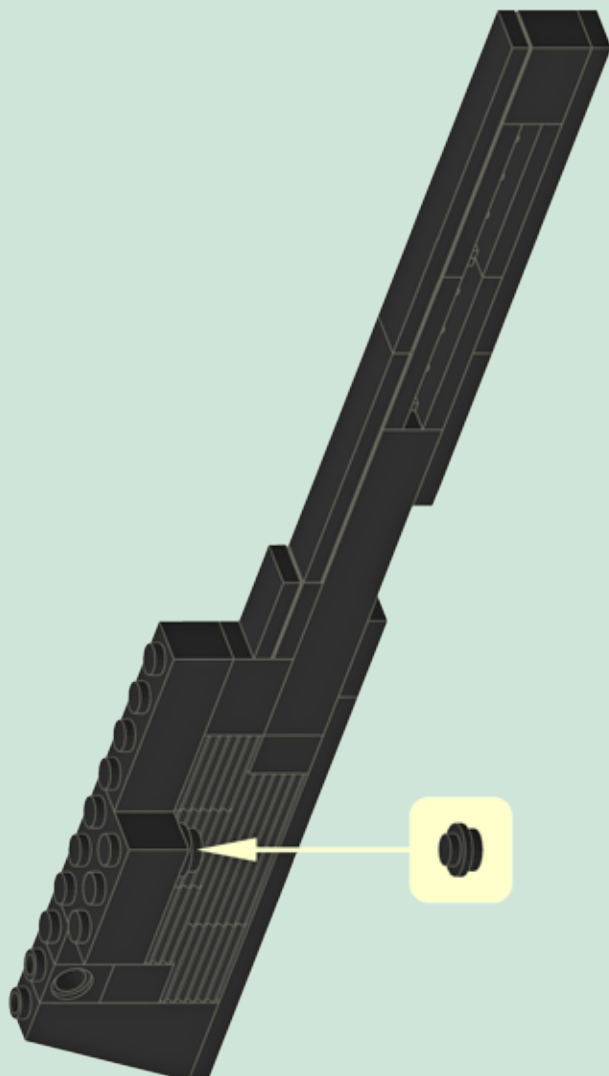
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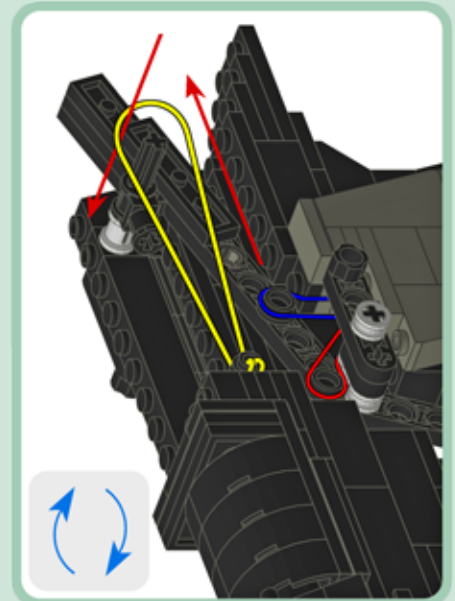
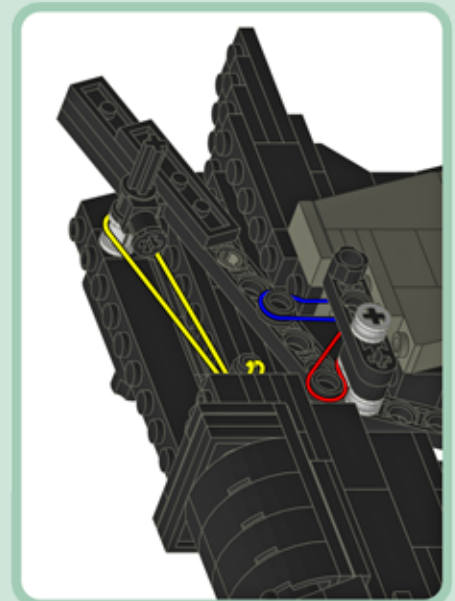
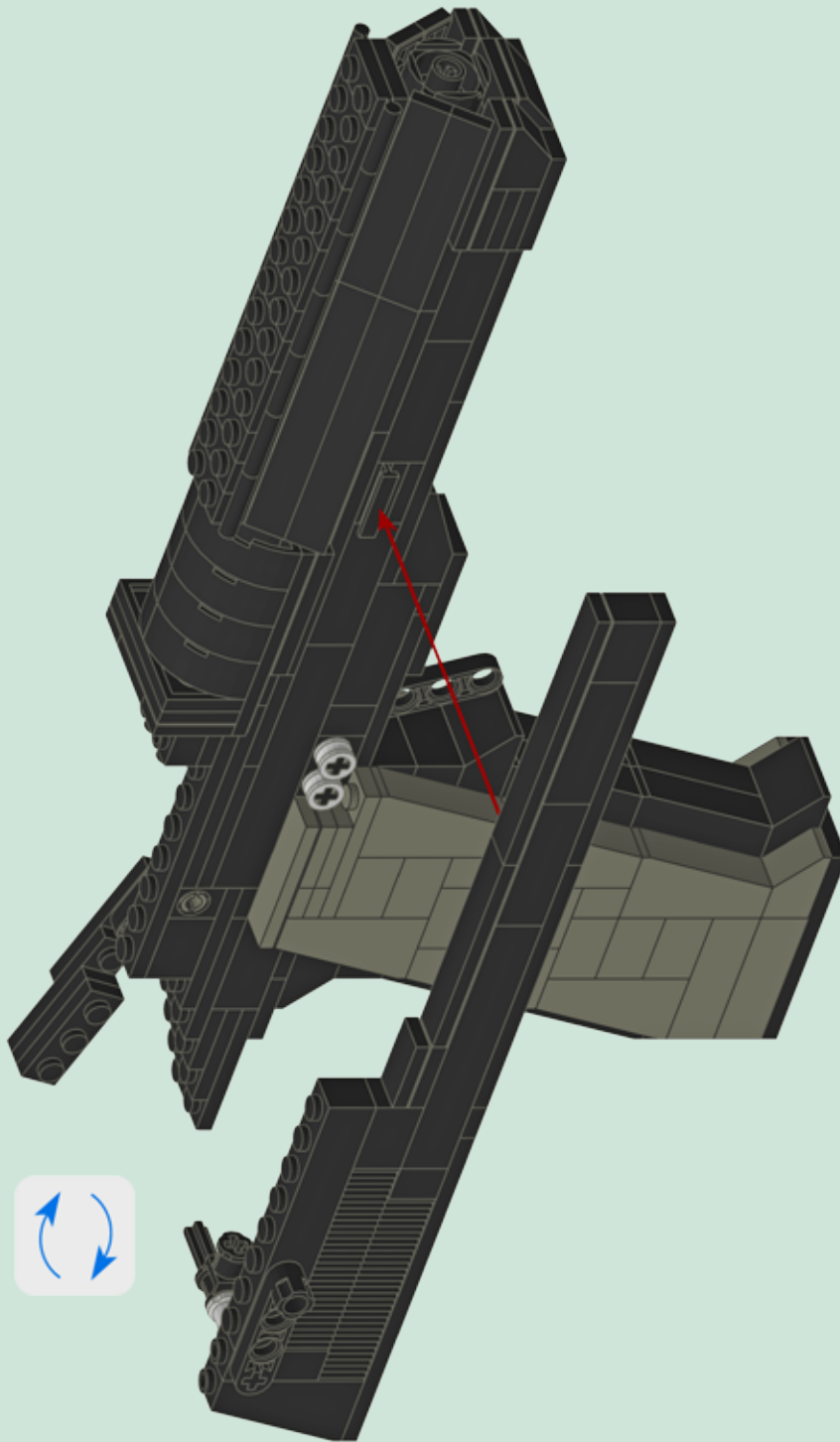
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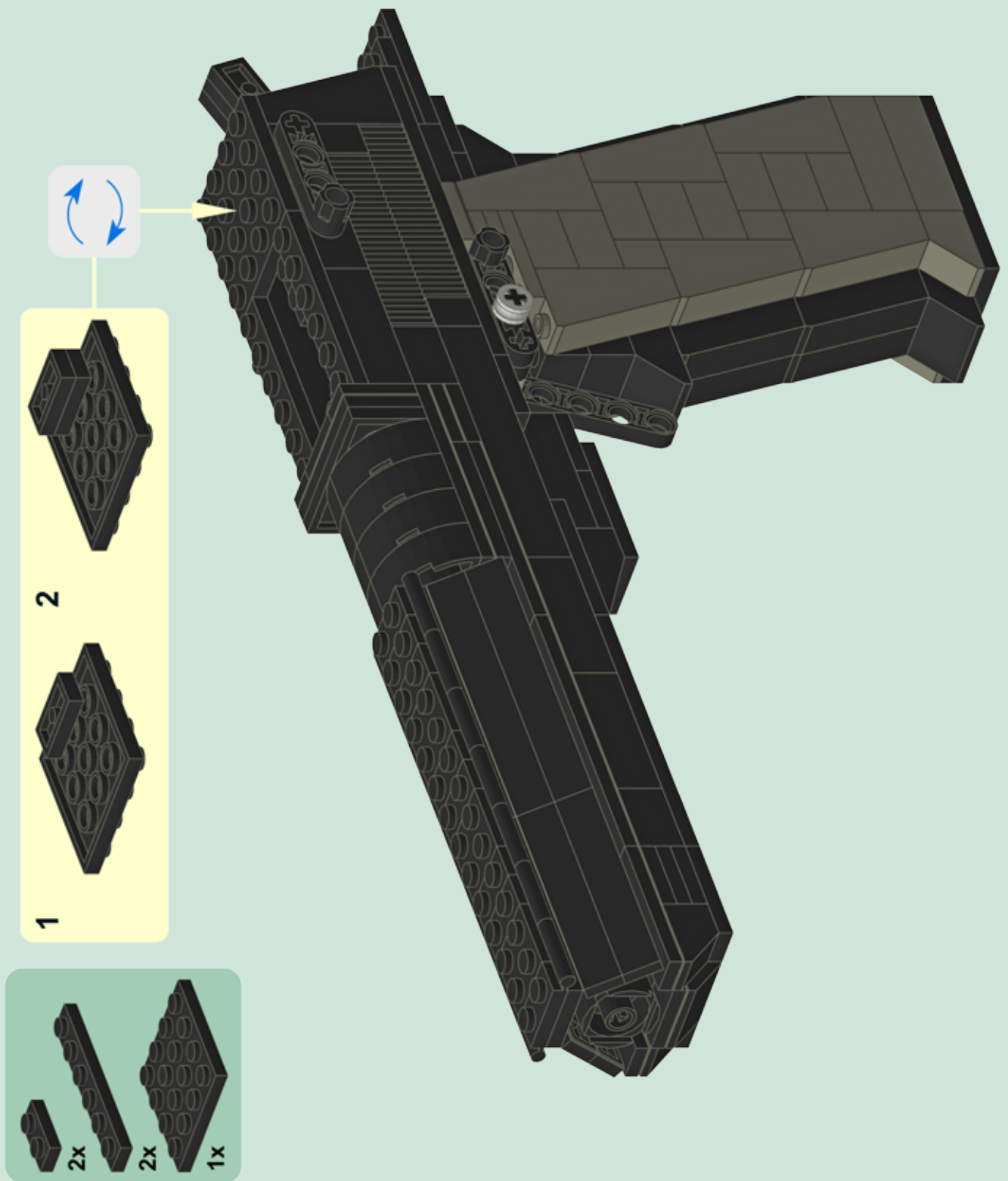
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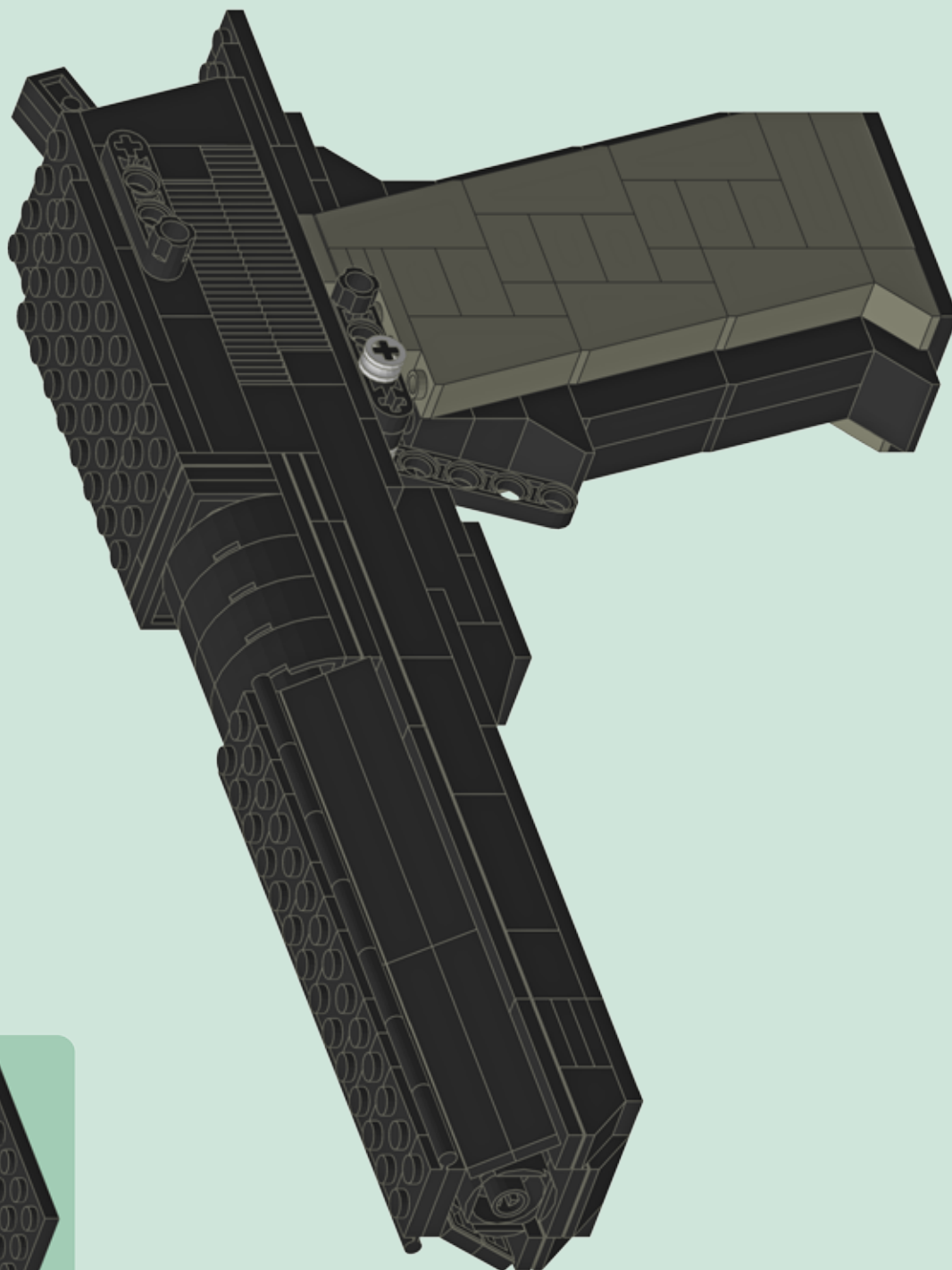
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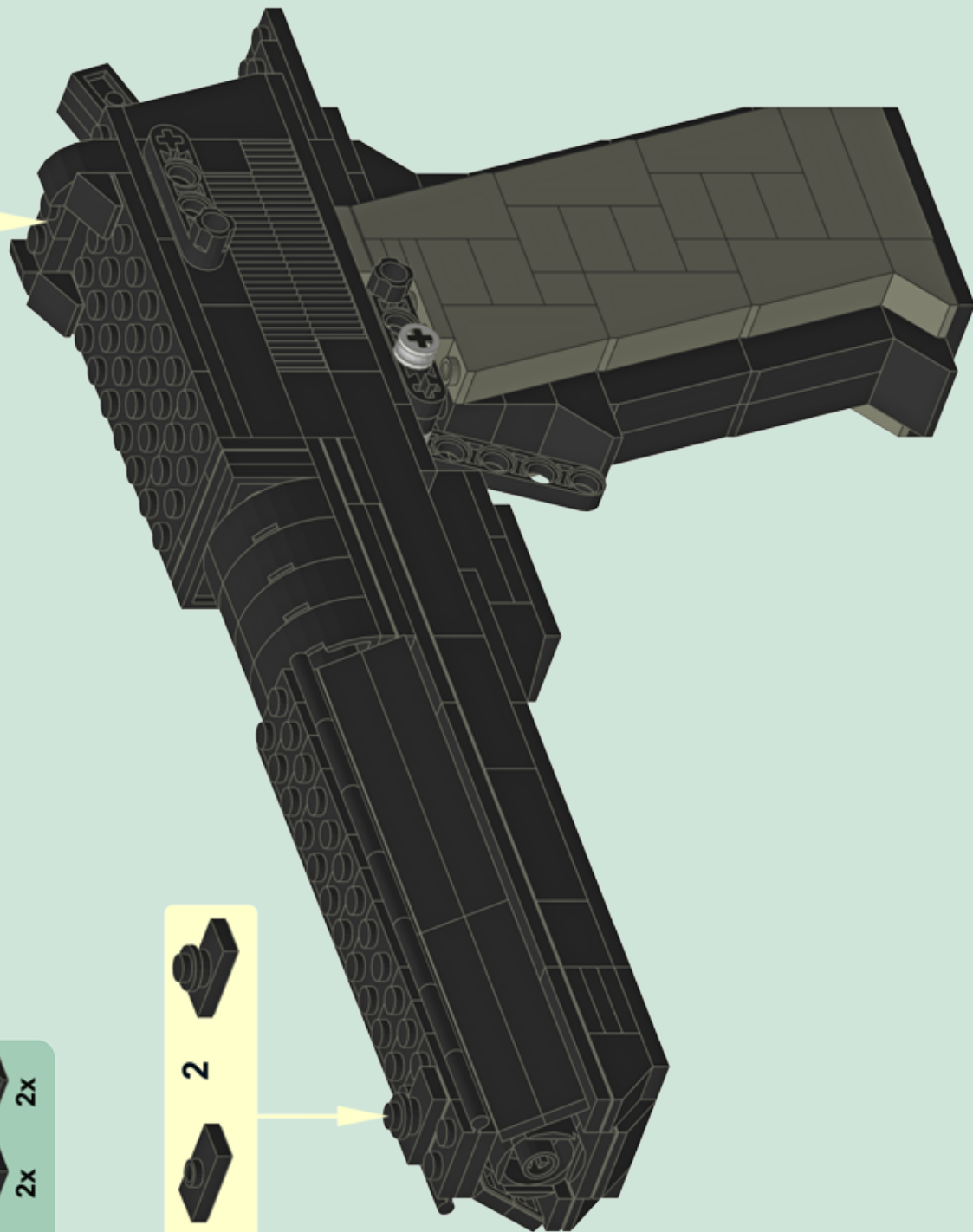


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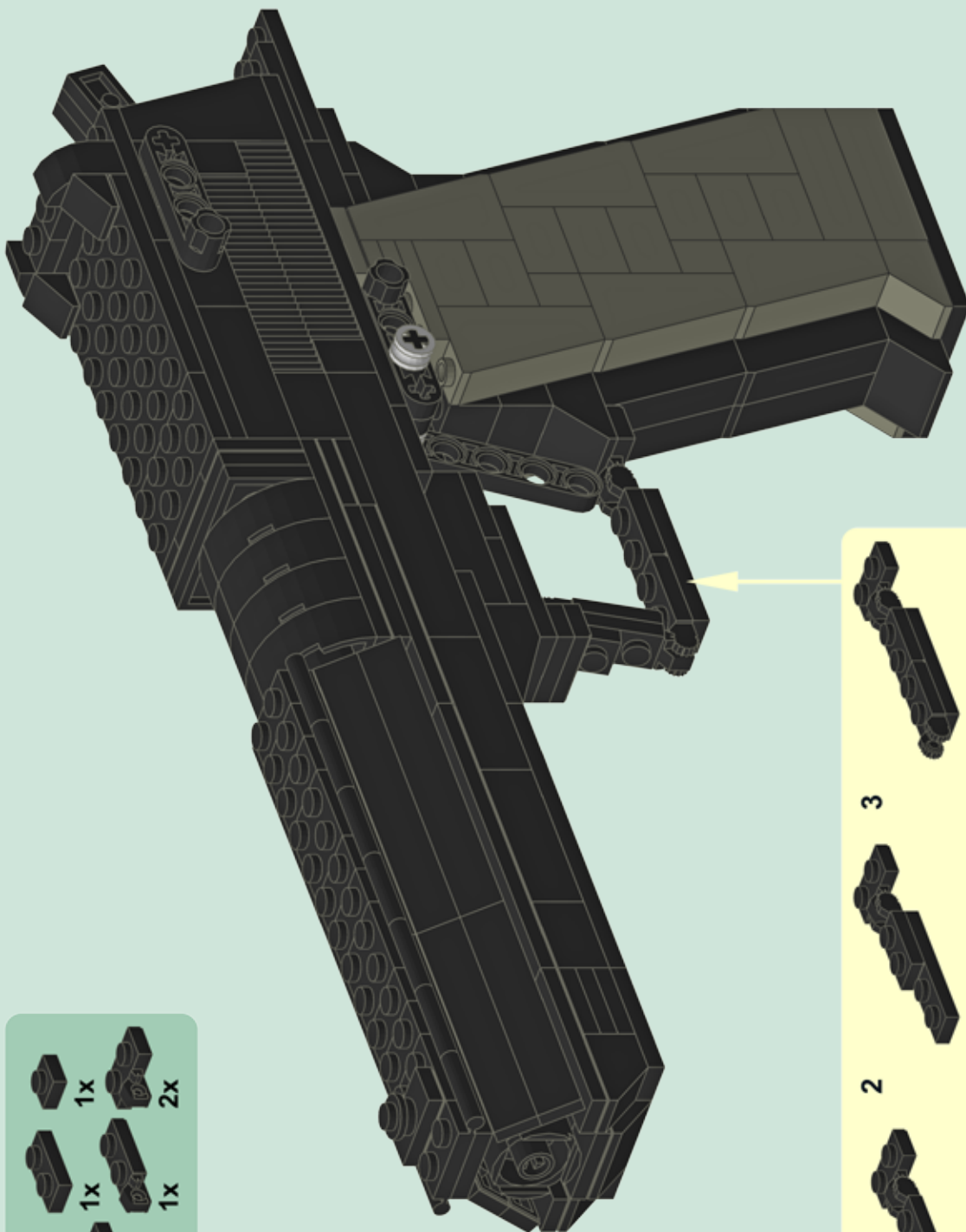


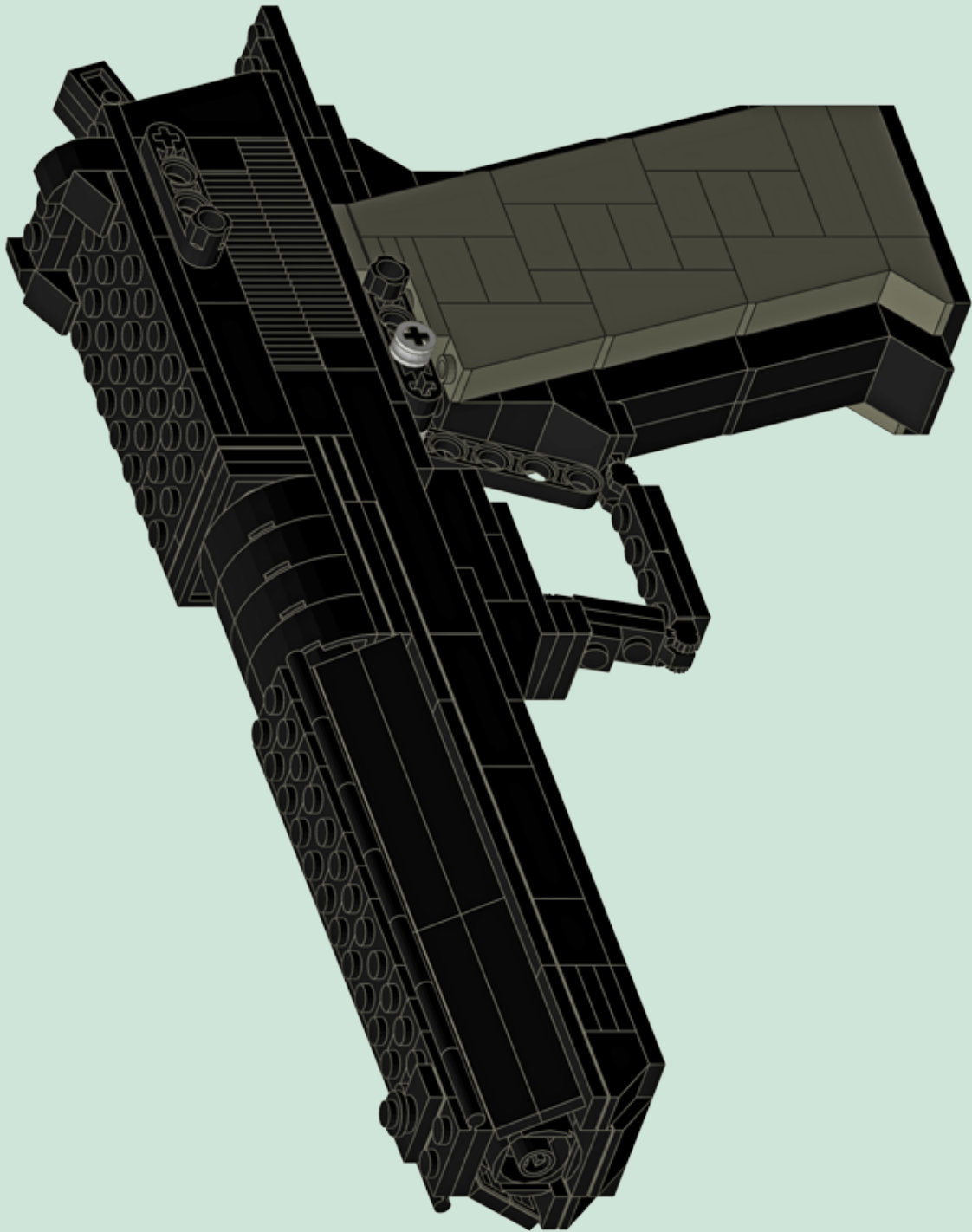
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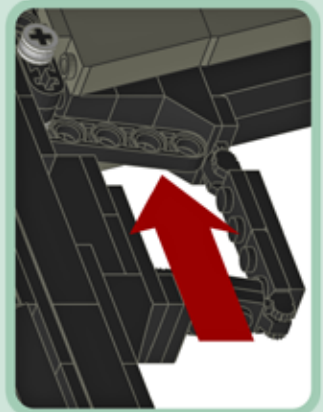
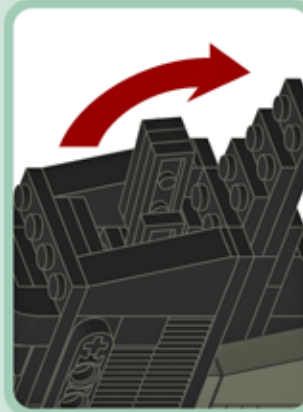
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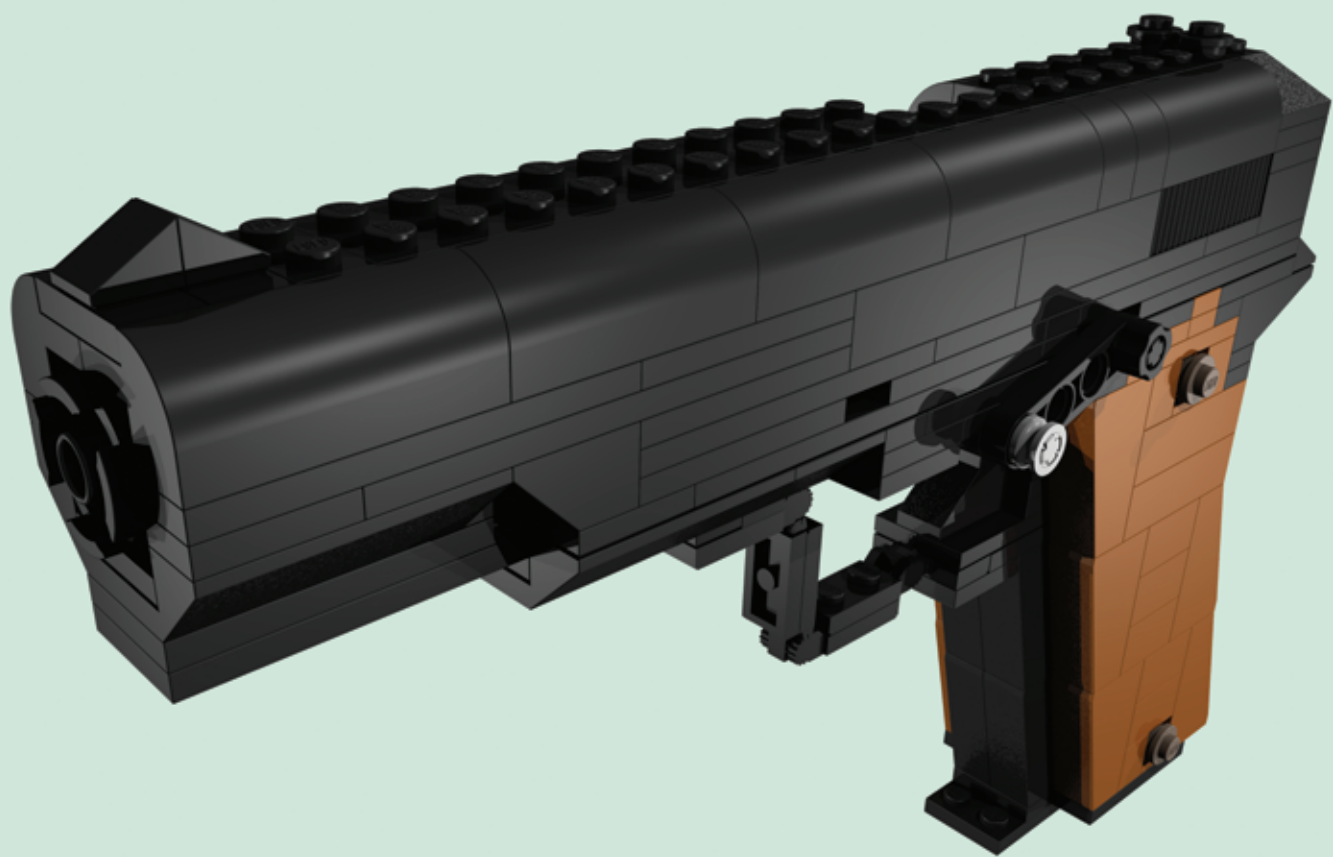


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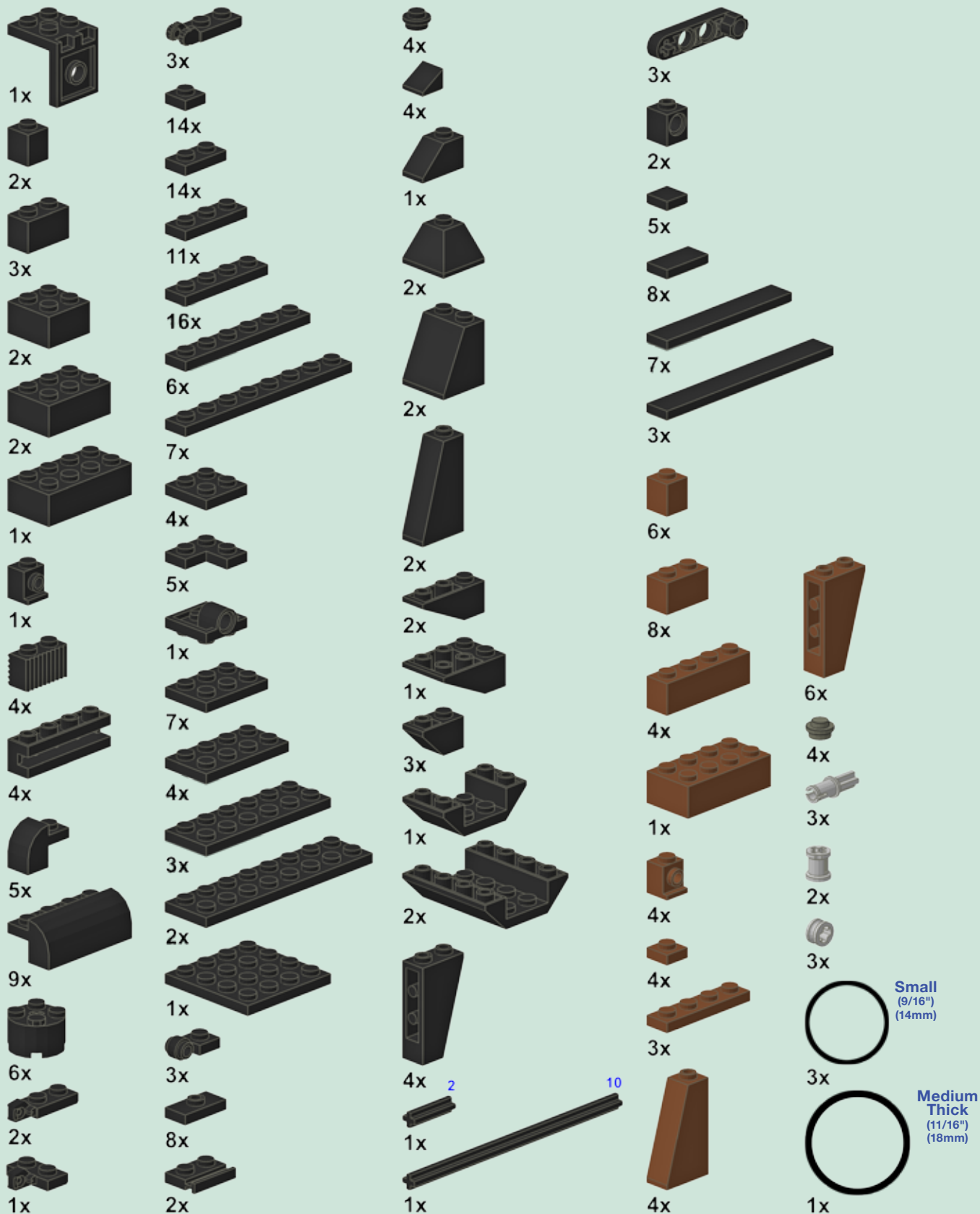




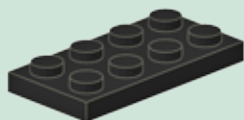
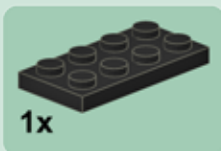
1911

BrickGun 1911 Parts List			
Qty	Part #	Color	Description
1	3956	Black	Bracket 2 × 2 - 2 × 2
2	3005	Black	Brick 1 × 1
3	3004	Black	Brick 1 × 2
2	3003	Black	Brick 2 × 2
2	3002	Black	Brick 2 × 3
1	3001	Black	Brick 2 × 4
1	4070	Black	Brick Modified 1 × 1 with Headlight
4	2877	Black	Brick Modified 1 × 2 with Grille
4	2653	Black	Brick Modified 1 × 4 with Groove
5	6091	Black	Brick Modified 1 × 2 × 1 1/3 with Curved Top
9	6081	Black	Brick Modified 2 × 4 × 1 1/3 with Curved Top
6	3941	Black	Brick Round 2 × 2
2	44301	Black	Hinge Plate 1 × 2 Locking with 1 Finger on End
1	44567	Black	Hinge Plate 1 × 2 Locking with 1 Finger on Side
3	44302	Black	Hinge Plate 1 × 2 Locking with 2 Fingers on End
14	3024	Black	Plate 1 × 1
14	3023	Black	Plate 1 × 2
11	3623	Black	Plate 1 × 3
16	3710	Black	Plate 1 × 4
6	3666	Black	Plate 1 × 6
7	3460	Black	Plate 1 × 8
4	3022	Black	Plate 2 × 2
5	2420	Black	Plate 2 × 2 Corner
1	2444	Black	Plate Modified 2 × 2 with Pin Hole
7	3021	Black	Plate 2 × 3
4	3020	Black	Plate 2 × 4
3	3795	Black	Plate 2 × 6
2	3034	Black	Plate 2 × 8
1	3031	Black	Plate 4 × 4
3	4081b	Black	Plate Modified 1 × 1 with Clip Light - Thick Ring
8	3794	Black	Plate Modified 1 × 2 with 1 Stud
2	32028	Black	Plate Modified 1 × 2 with Door Rail
4	4073	Black	Plate Round 1 × 1 Straight Side
4	50746	Black	Slope 30° 1 × 1 × 2/3

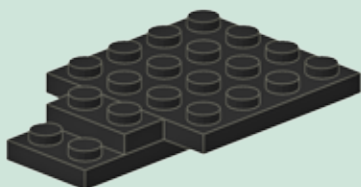
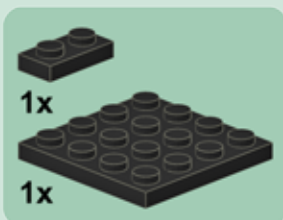
BrickGun 1911 Parts List (cont'd)			
Qty	Part #	Color	Description
1	3040	Black	Slope 45° 2 × 1
2	3045	Black	Slope 45° 2 × 2 Double Convex
2	3678b	Black	Slope 65° 2 × 2 × 2 with Bottom Tube
2	4460	Black	Slope 75° 2 × 1 × 3
2	4287	Black	Slope Inverted 33° 3 × 1
1	3747a	Black	Slope Inverted 33° 3 × 2 without Connections between Studs
3	3665	Black	Slope Inverted 45° 2 × 1
1	4871	Black	Slope Inverted 45° 4 × 2 Double
2	4854	Black	Slope Inverted 45° 4 × 4 Double
4	2449	Black	Slope Inverted 75° 2 × 1 × 3
1	3704	Black	Technic Axle 2
1	3737	Black	Technic Axle 10
3	2825	Black	Technic Liftarm 1 × 4 Thin with Stud Connector
2	6541	Black	Technic Brick 1 × 1 with Hole
5	3070b	Black	Tile 1 × 1
8	3069b	Black	Tile 1 × 2
7	6636	Black	Tile 1 × 6
3	4162	Black	Tile 1 × 8
6	3005	Brown	Brick 1 × 1
8	3004	Brown	Brick 1 × 2
4	3010	Brown	Brick 1 × 4
1	3001	Brown	Brick 2 × 4
4	4070	Brown	Brick Modified 1 × 1 with Headlight
4	3024	Brown	Plate 1 × 1
3	3710	Brown	Plate 1 × 4
4	4460	Brown	Slope 75° 2 × 1 × 3
6	2449	Brown	Slope Inverted 75° 2 × 1 × 3
4	4073	Dark Grey	Plate Round 1 × 1 Straight Side
3	3749	Light Grey	Technic Axle Pin without Friction Ridges Lengthwise
2	3713	Light Grey	Technic Bush
3	32123	Light Grey	Technic Bush 1/2 Smooth
3	n/a	n/a	Rubber Band - Small (9/16" or 14mm)
1	n/a	n/a	Rubber Band - Medium Thick (11/16" or 18mm)
268 Total Parts			67 Part Types



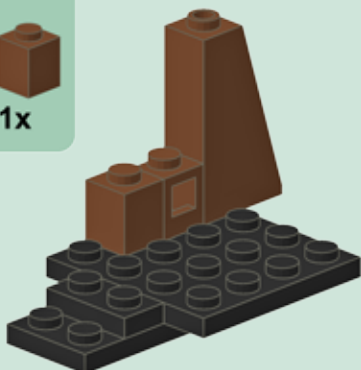
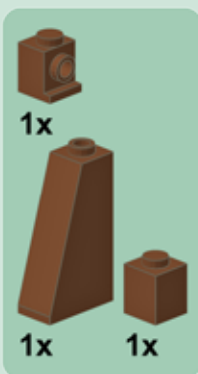
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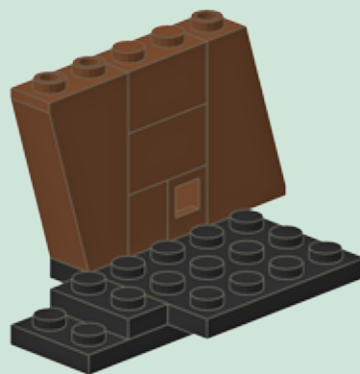
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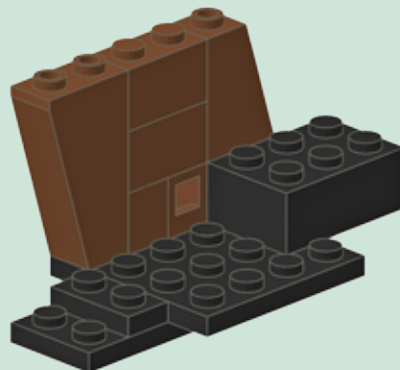
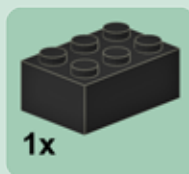
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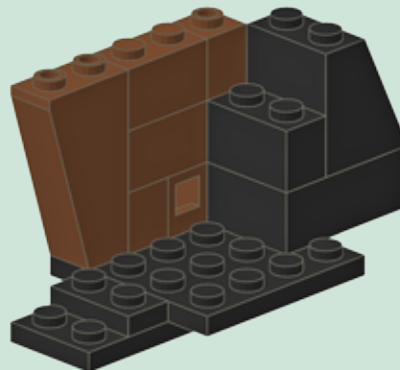
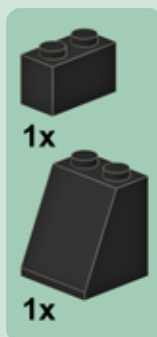
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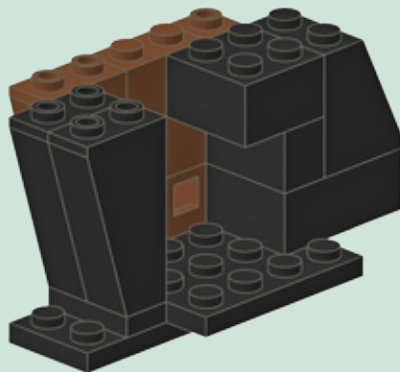
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2x



1x



8



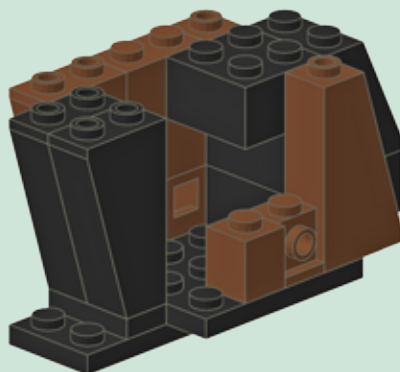
1x



1x



1x



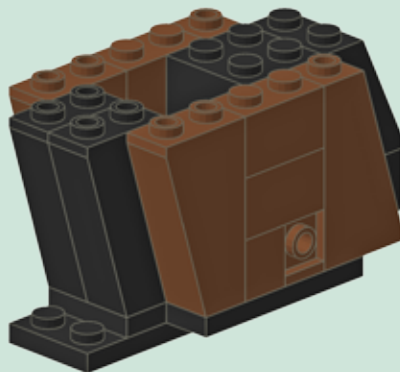
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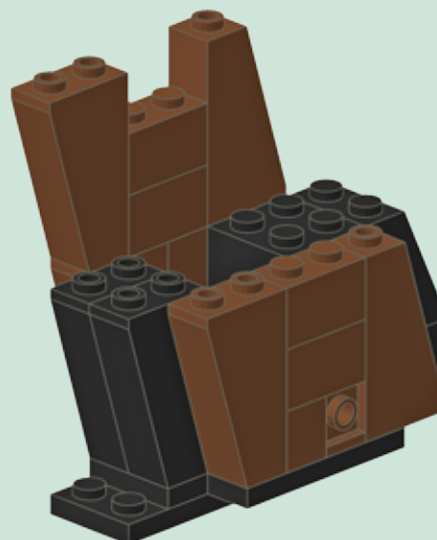
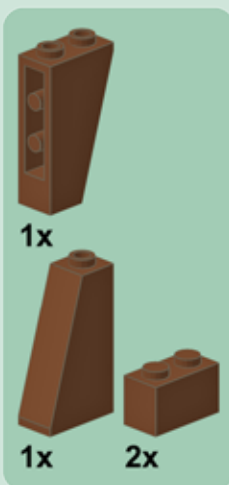
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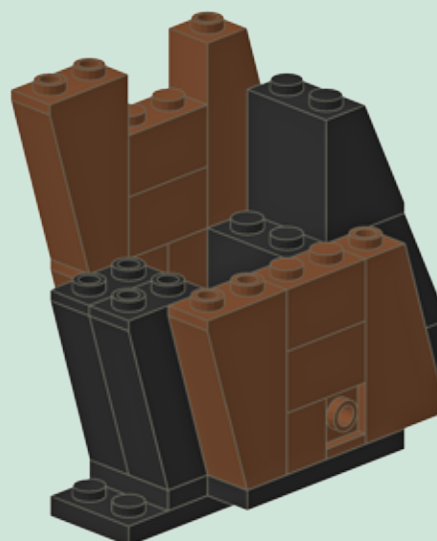
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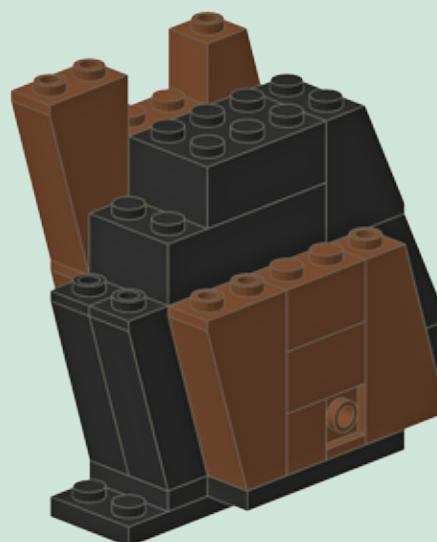
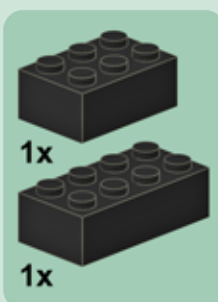
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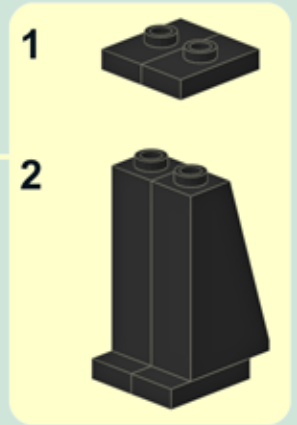
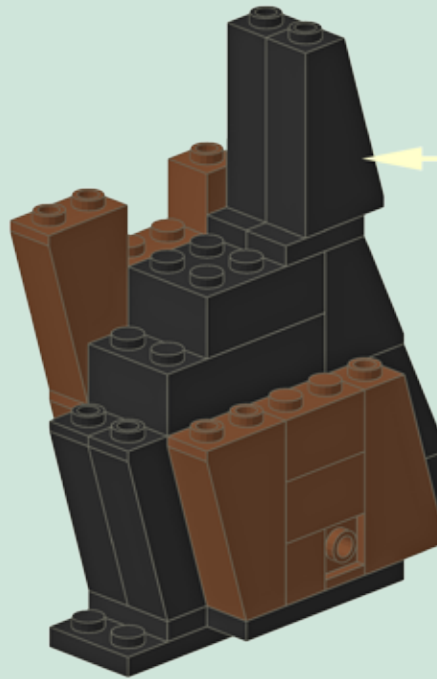
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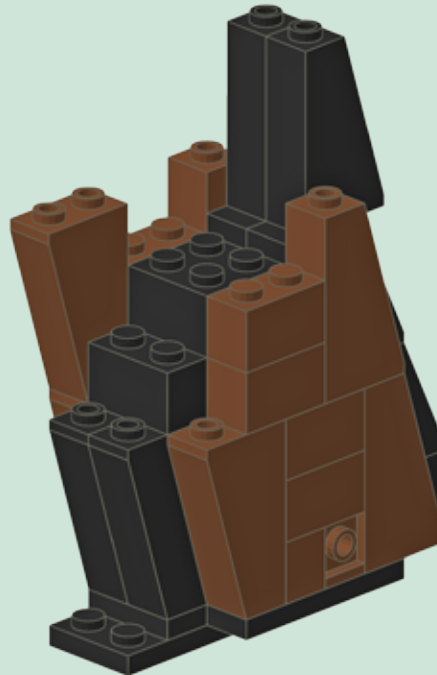
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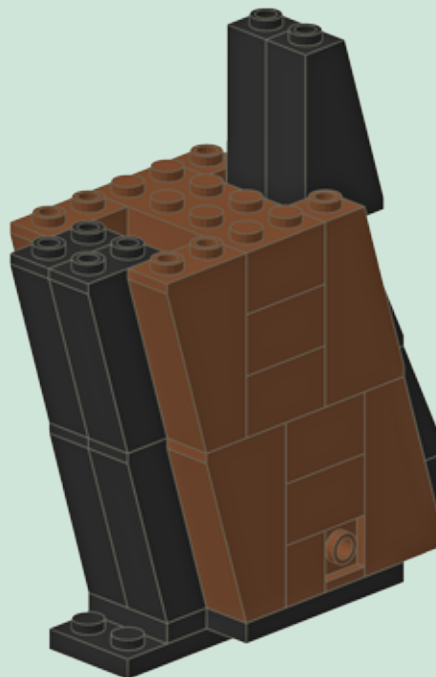
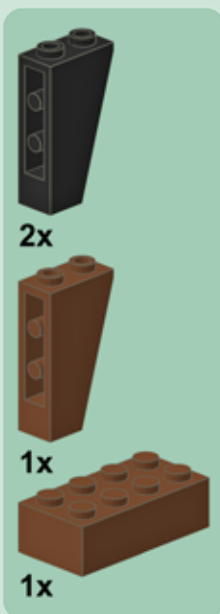
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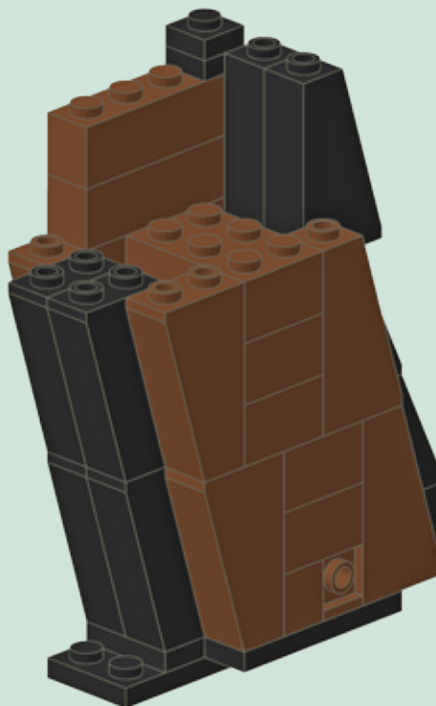
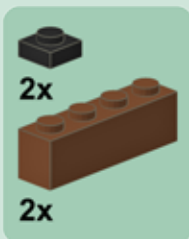
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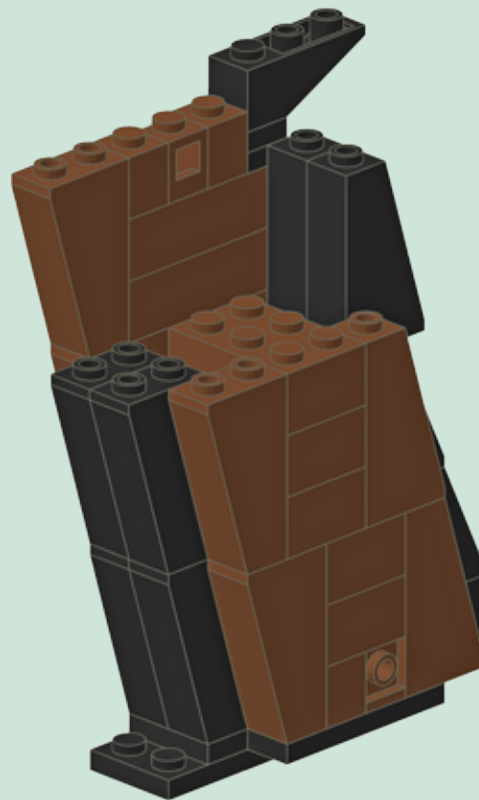
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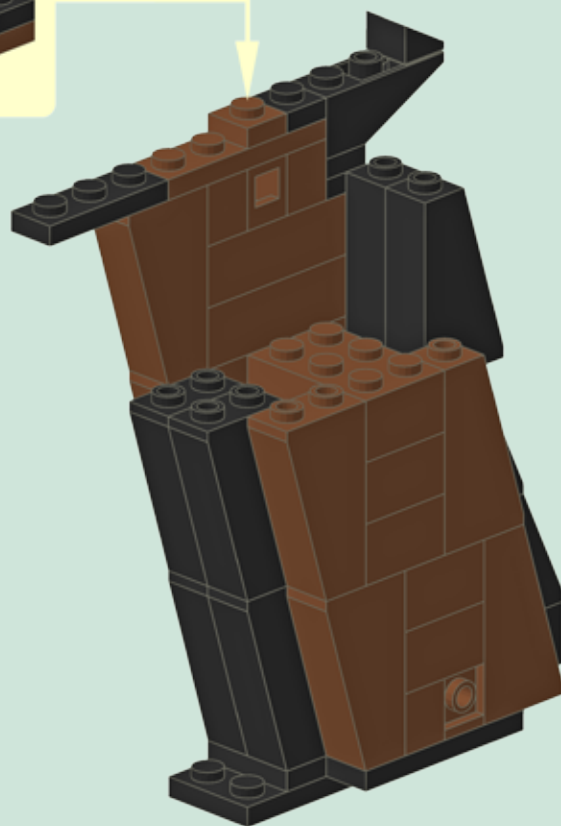
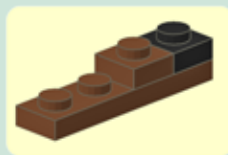
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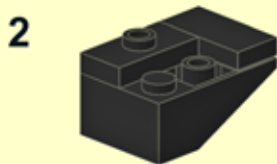
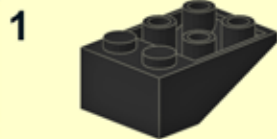
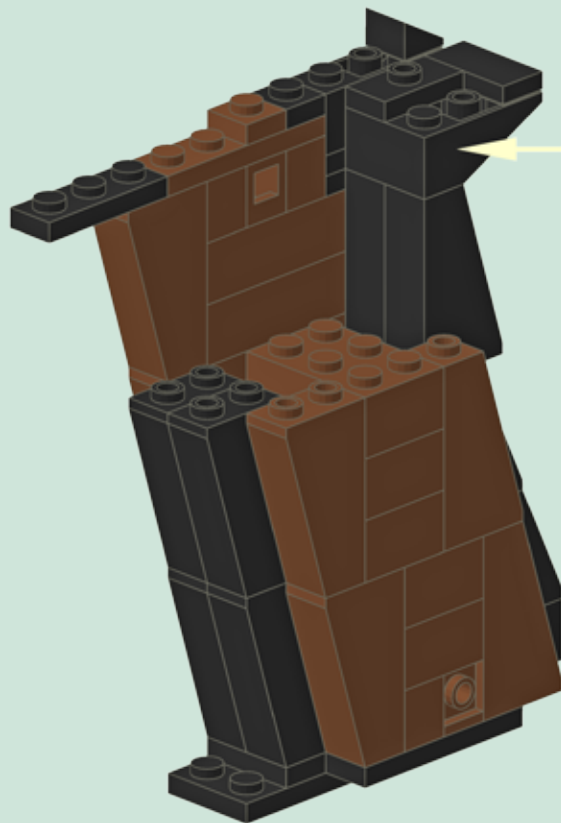
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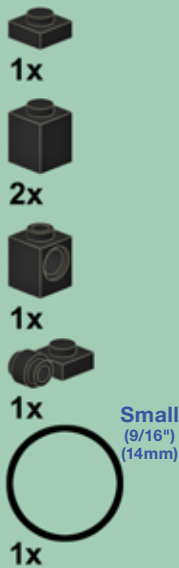
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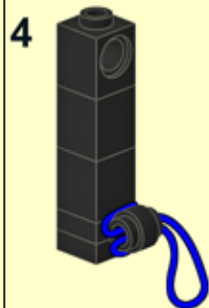
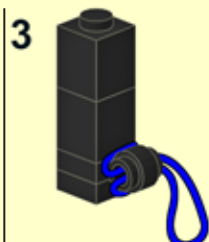
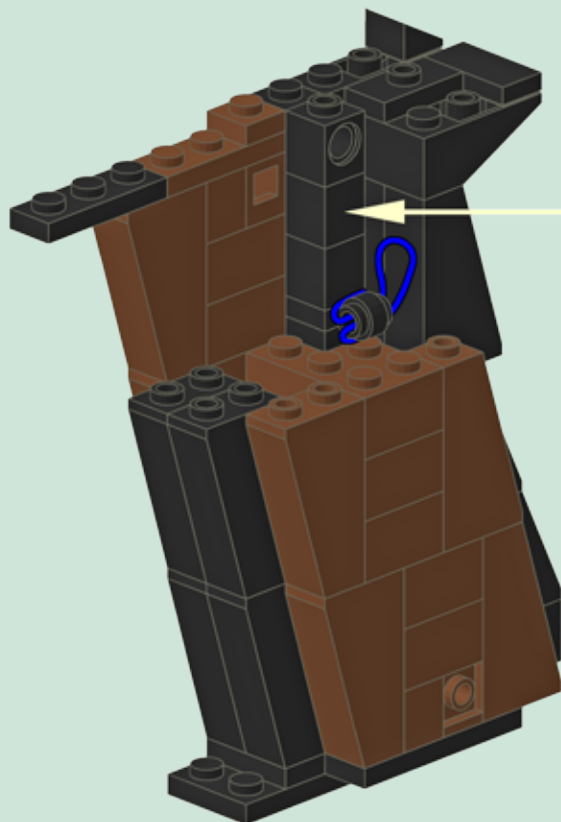
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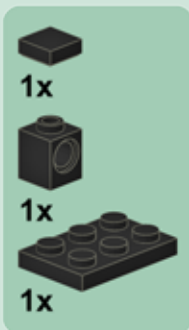
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Small
(9/16")
(14mm)



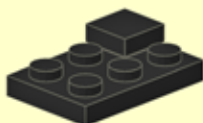
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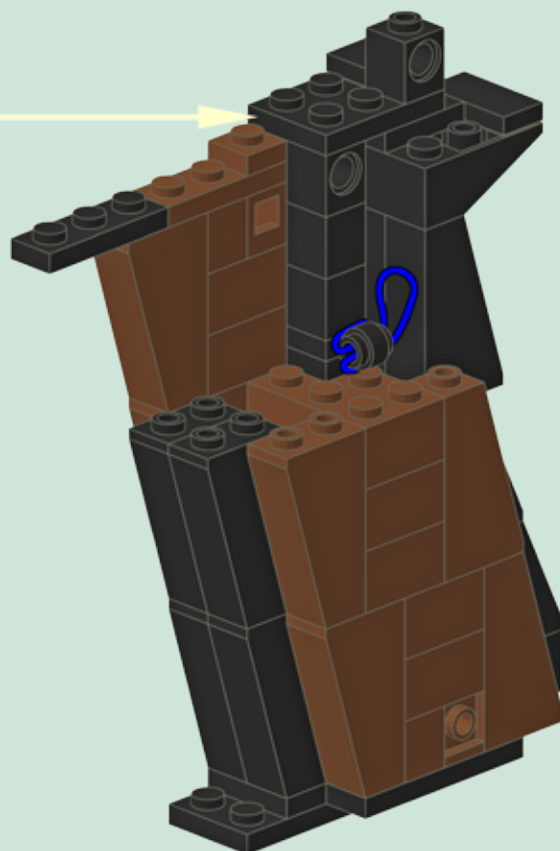
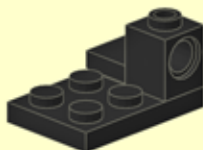
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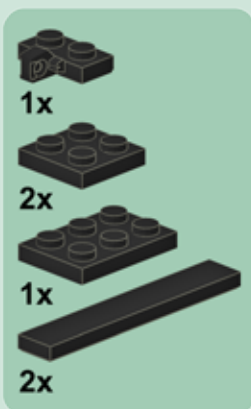
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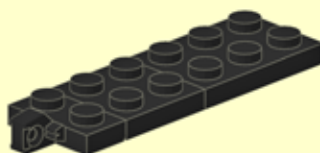
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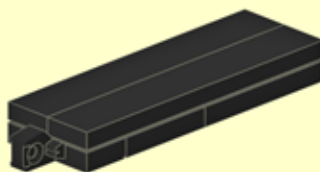
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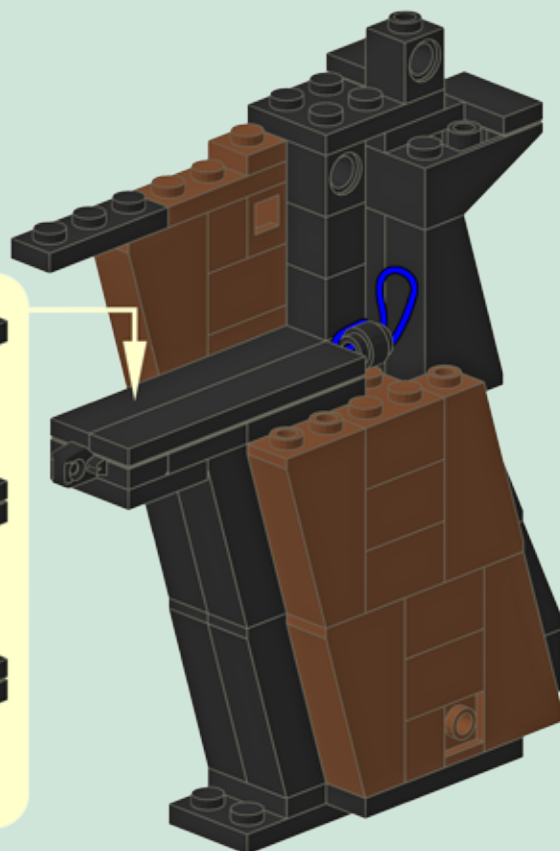
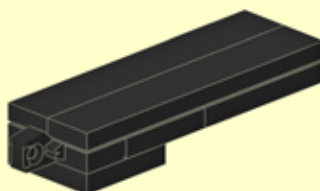
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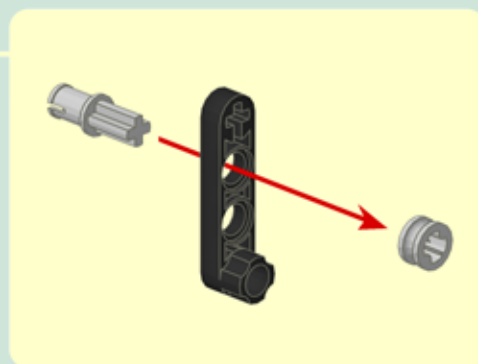
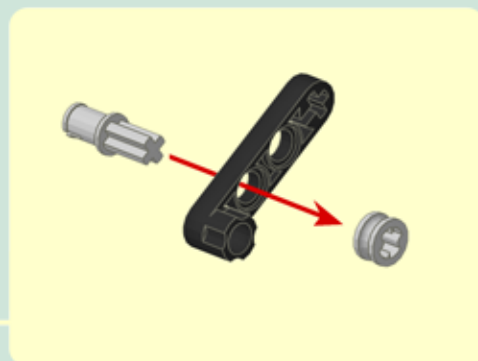
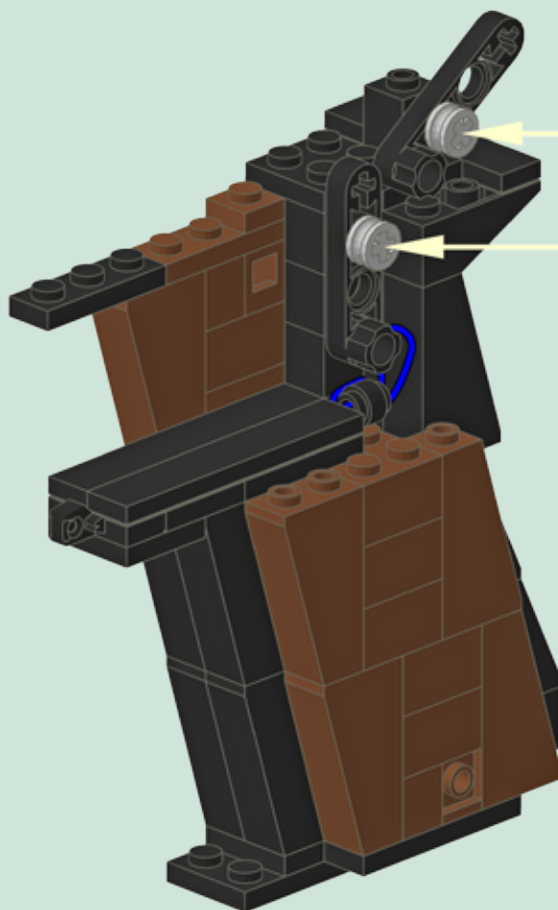
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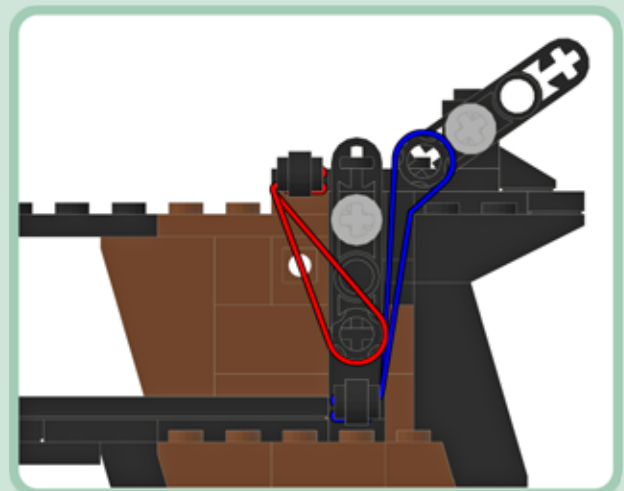
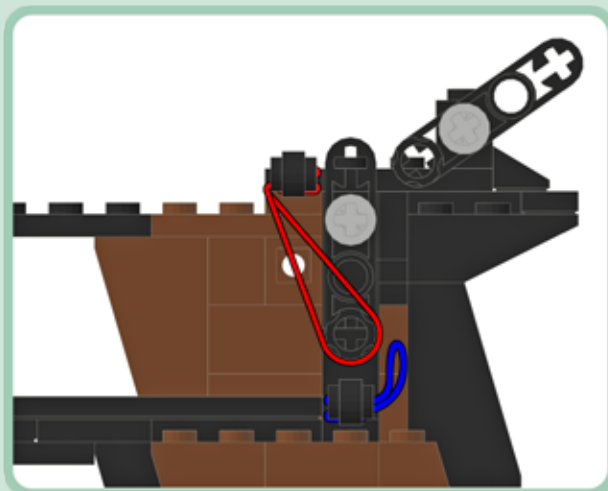
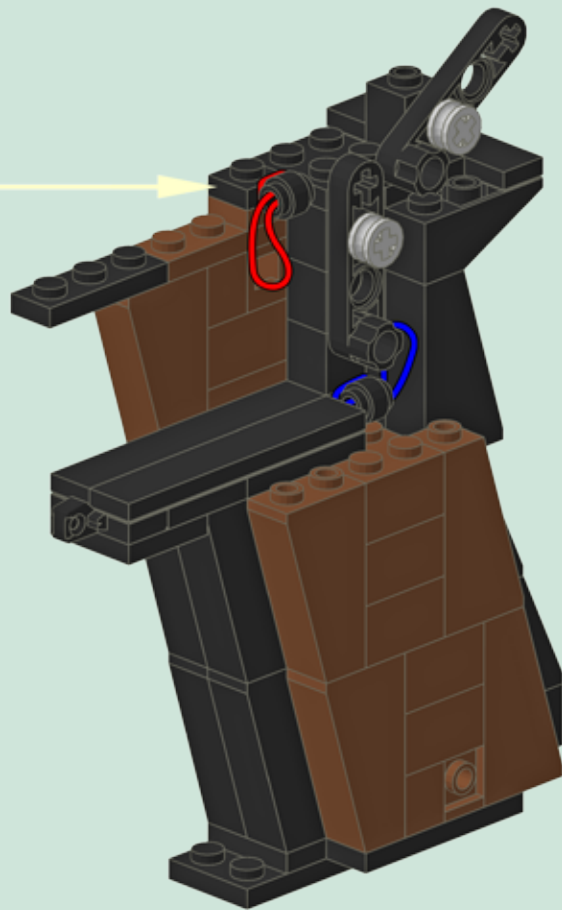
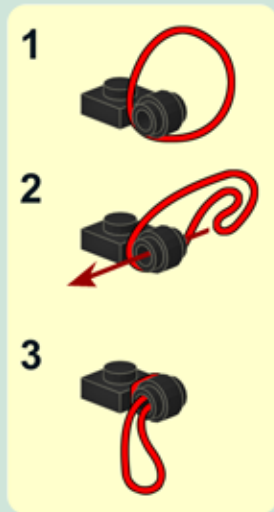
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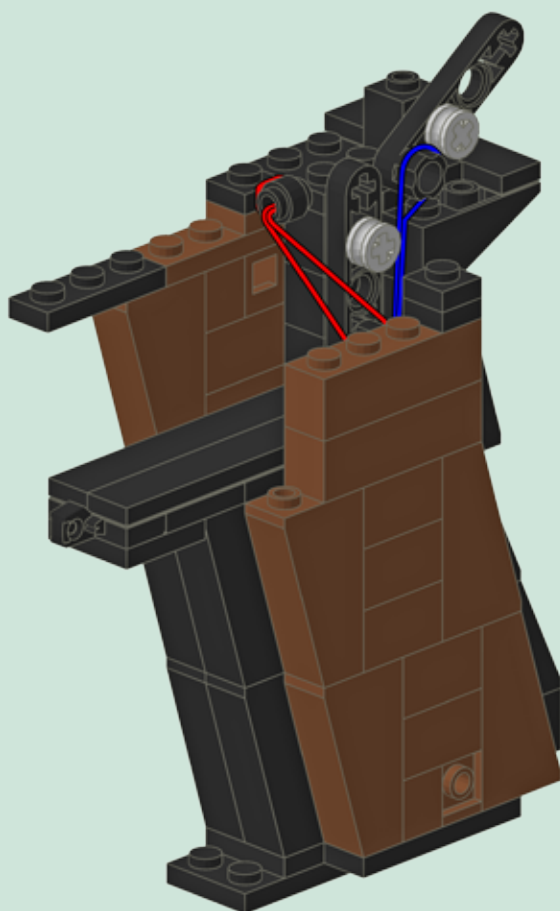
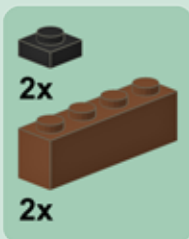
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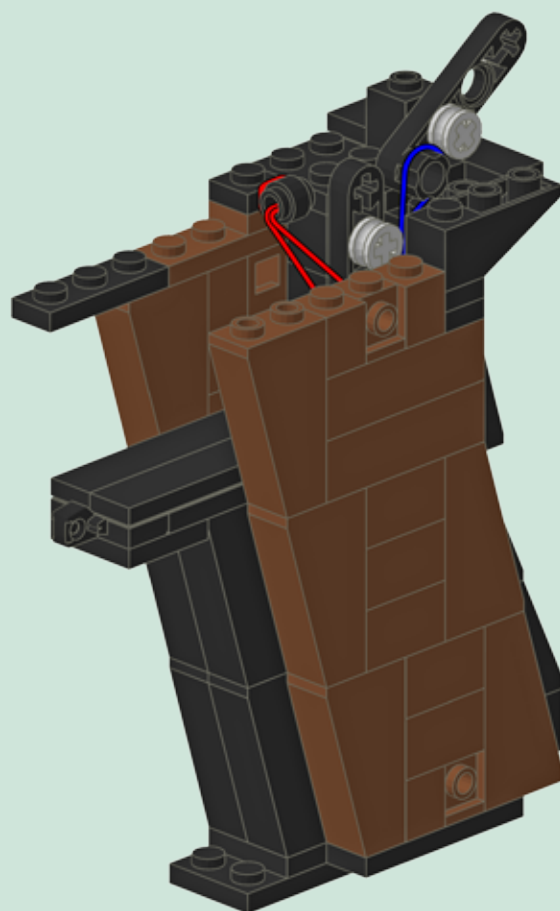
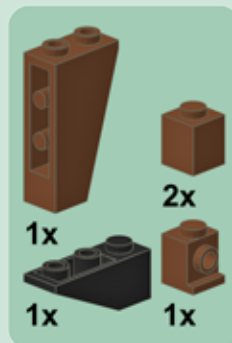
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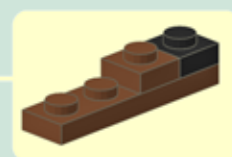
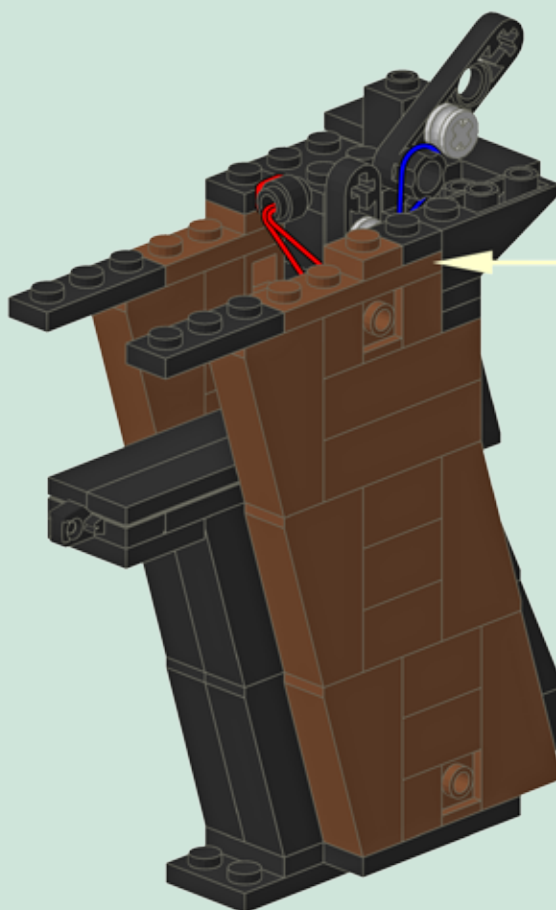
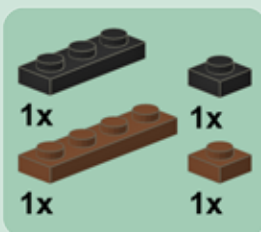
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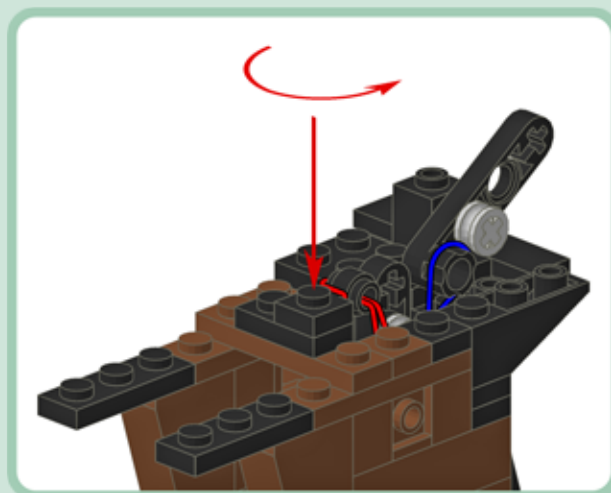
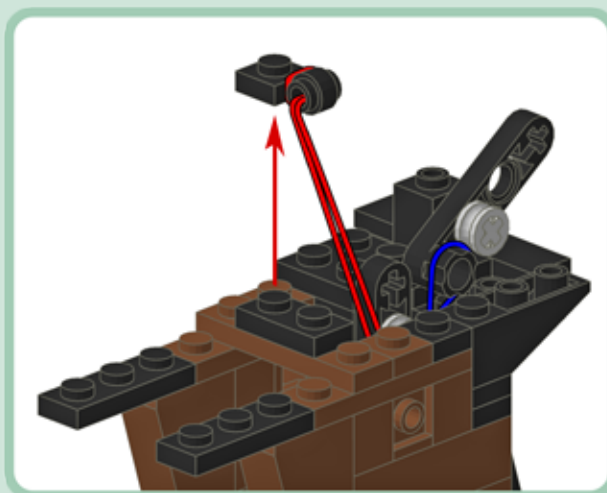
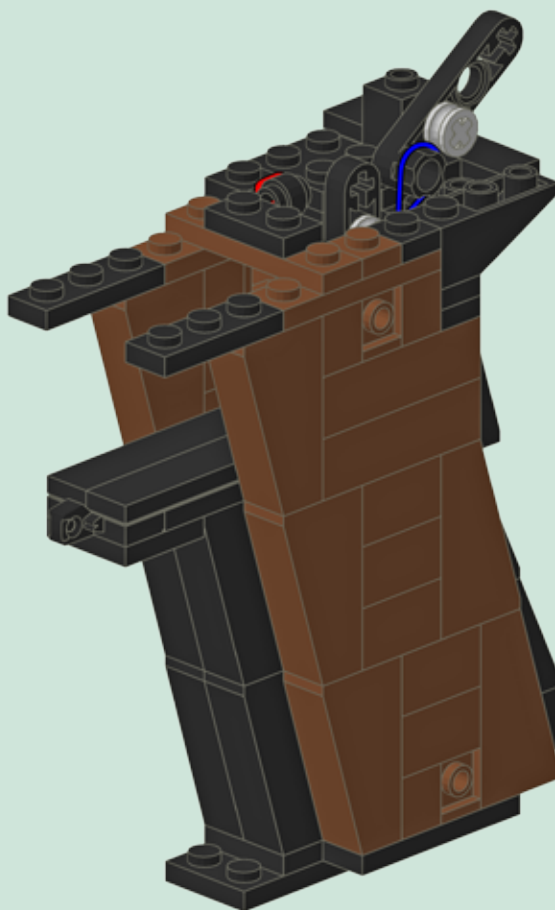
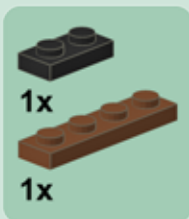
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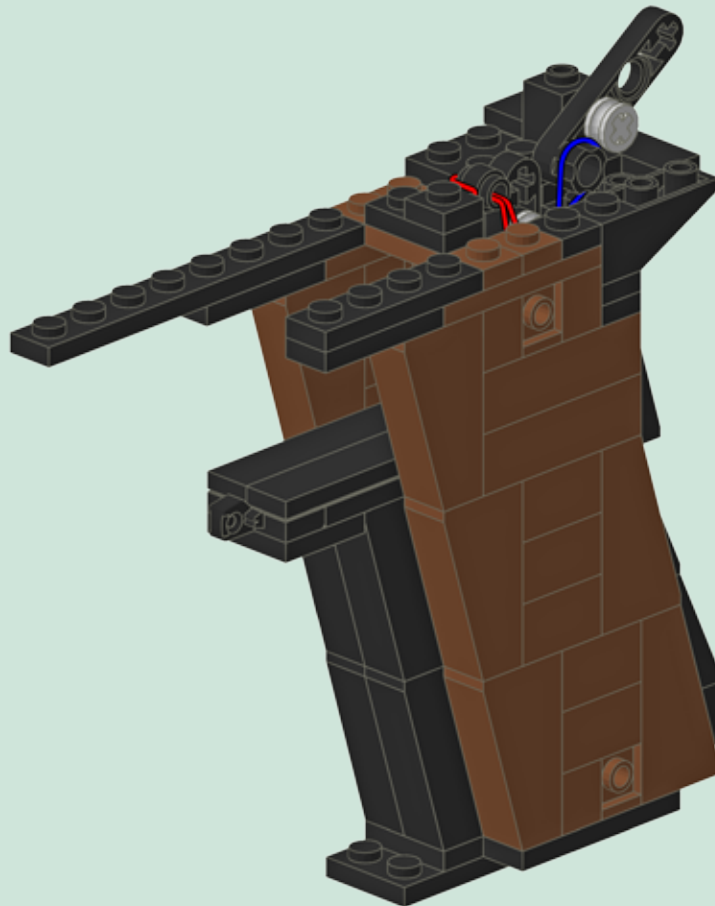
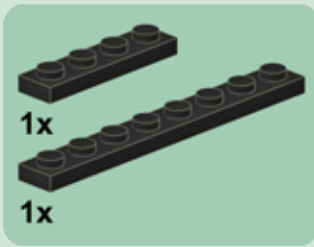
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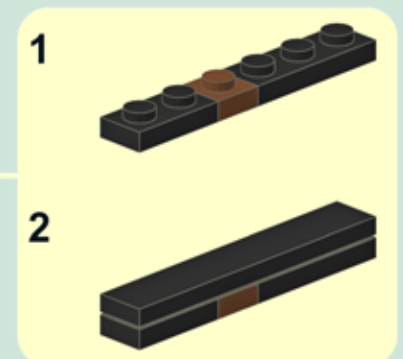
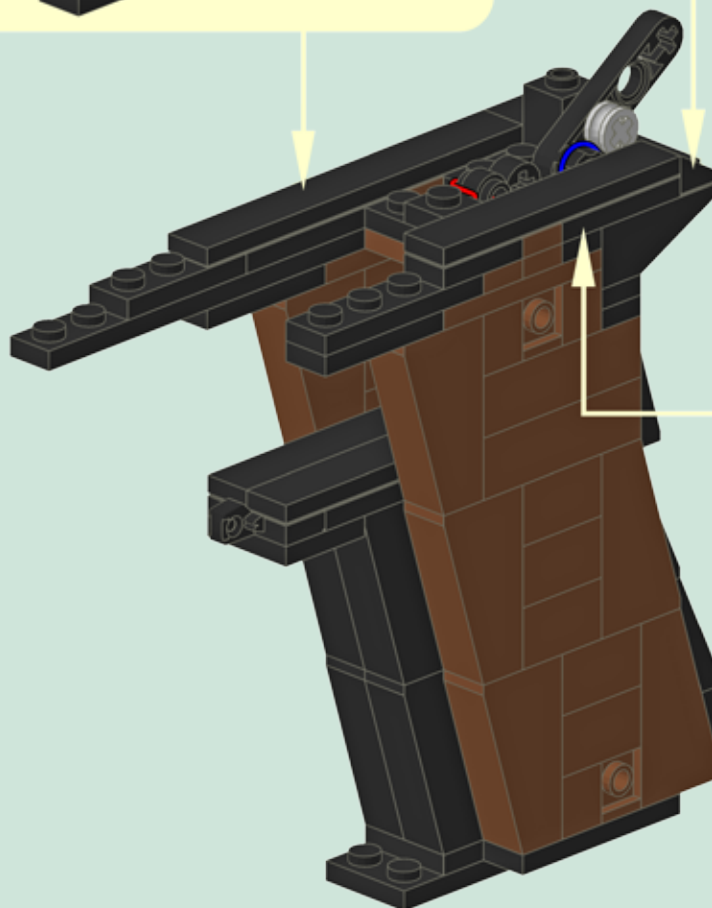
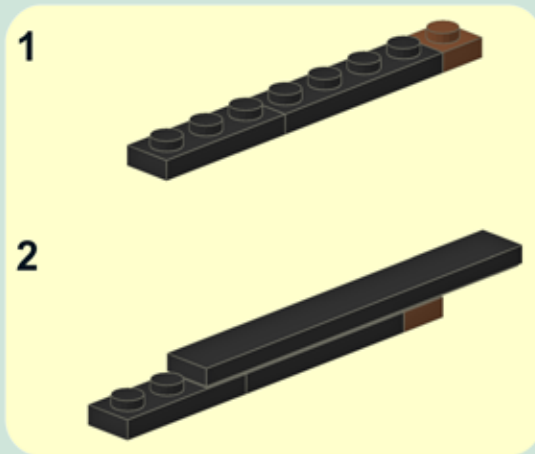
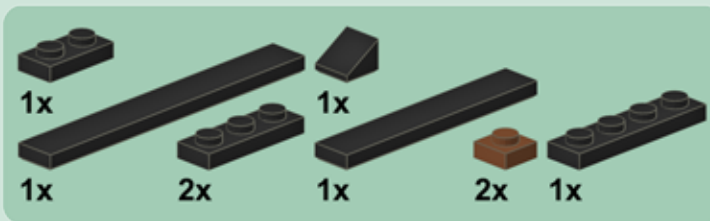
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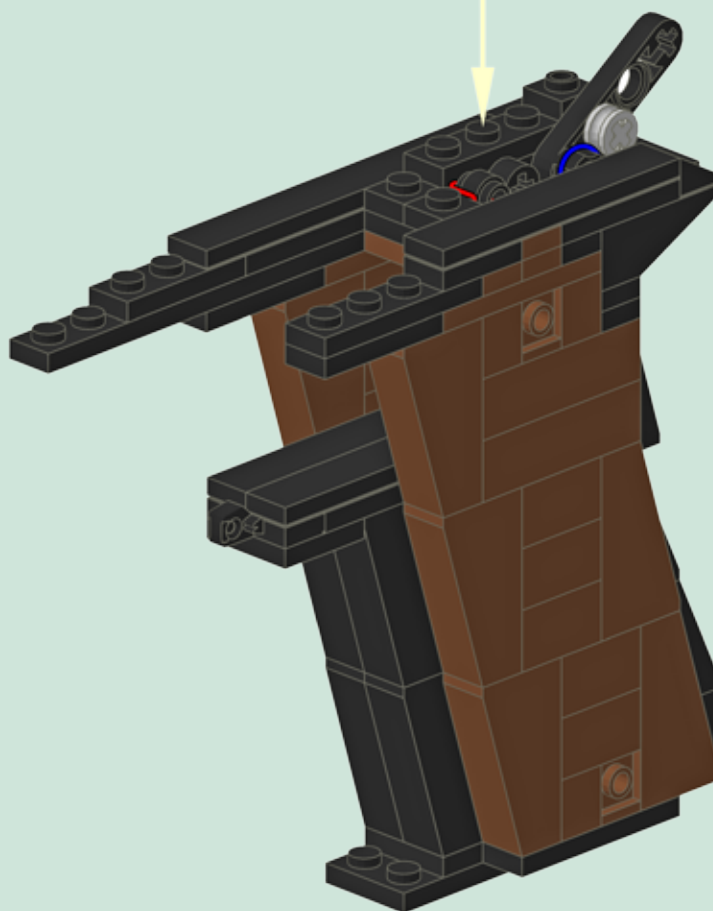
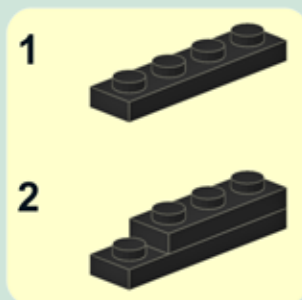
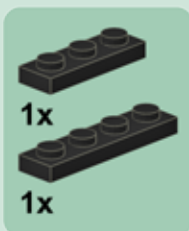
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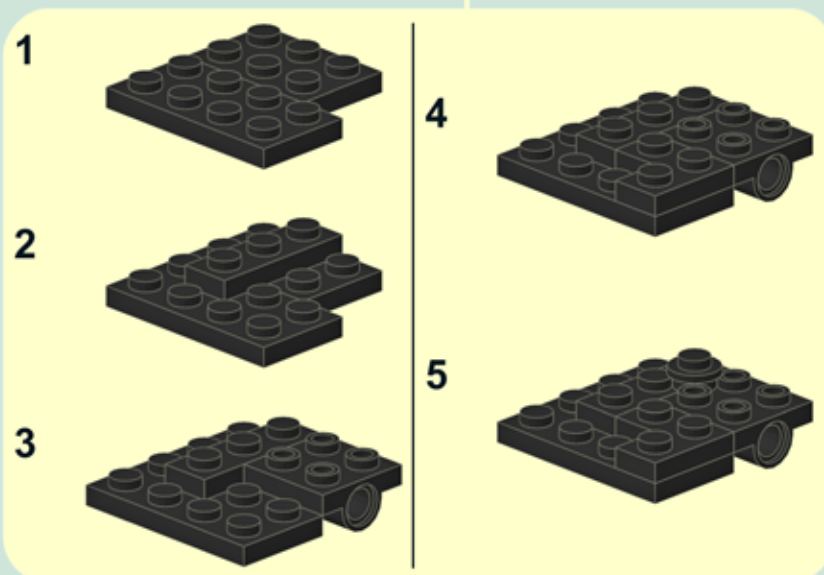
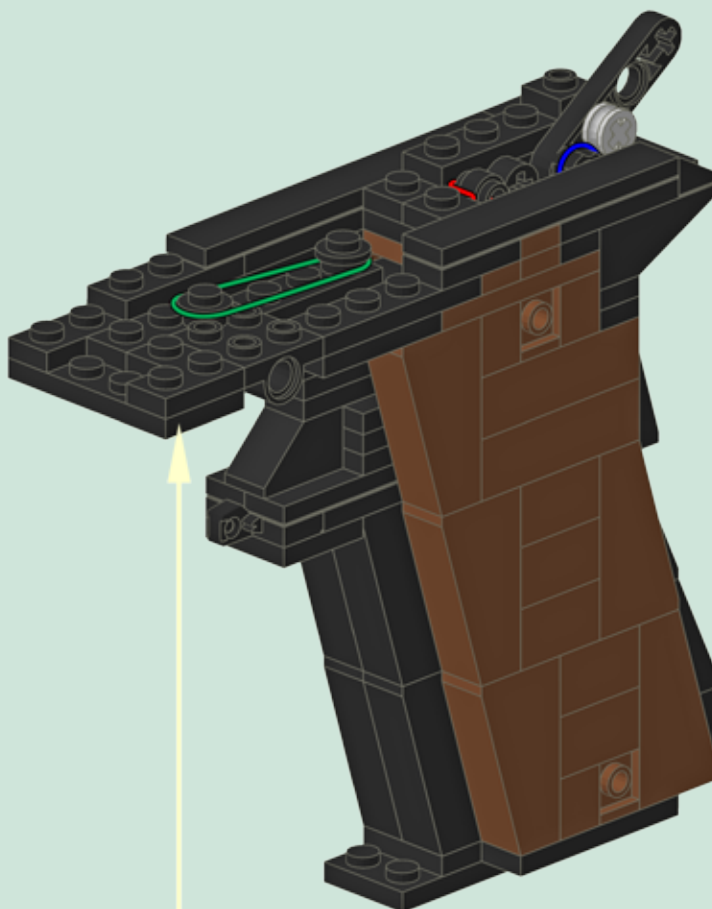
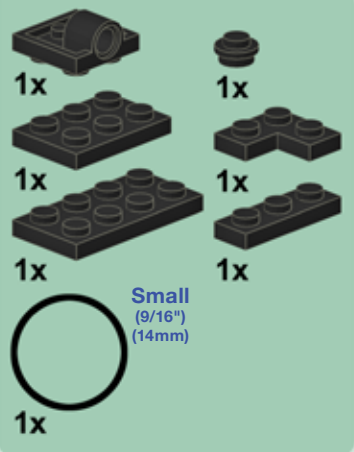
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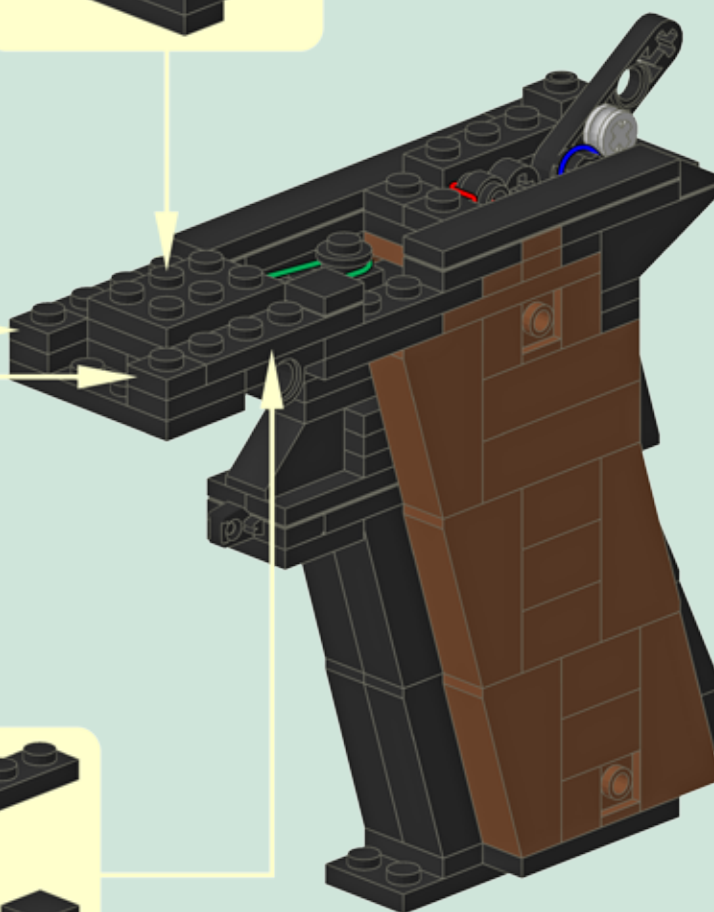
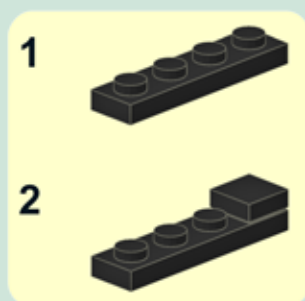
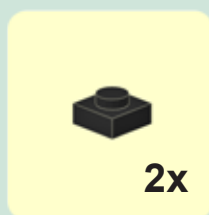
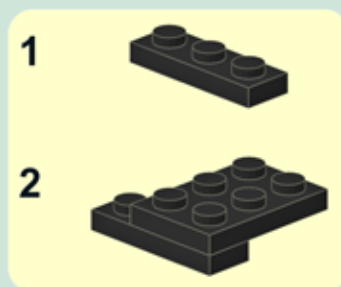
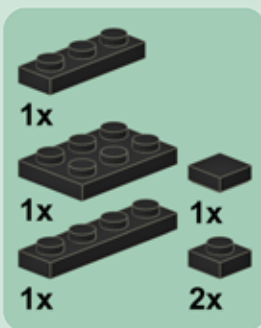
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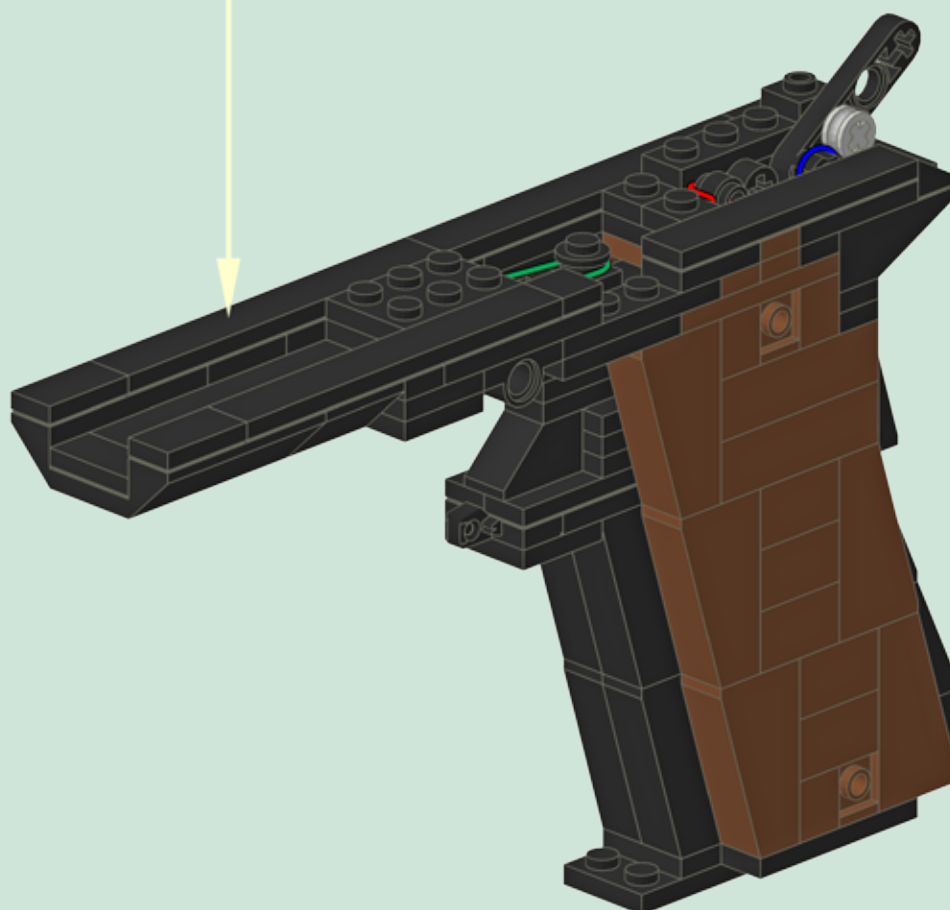
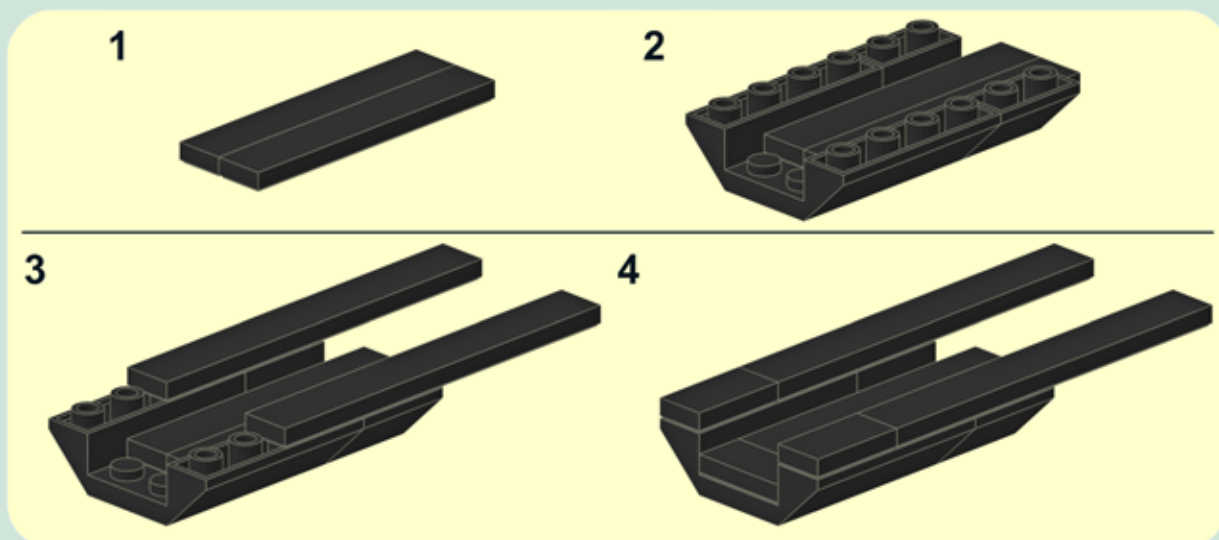
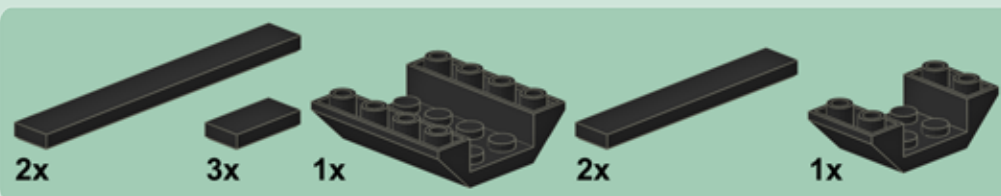
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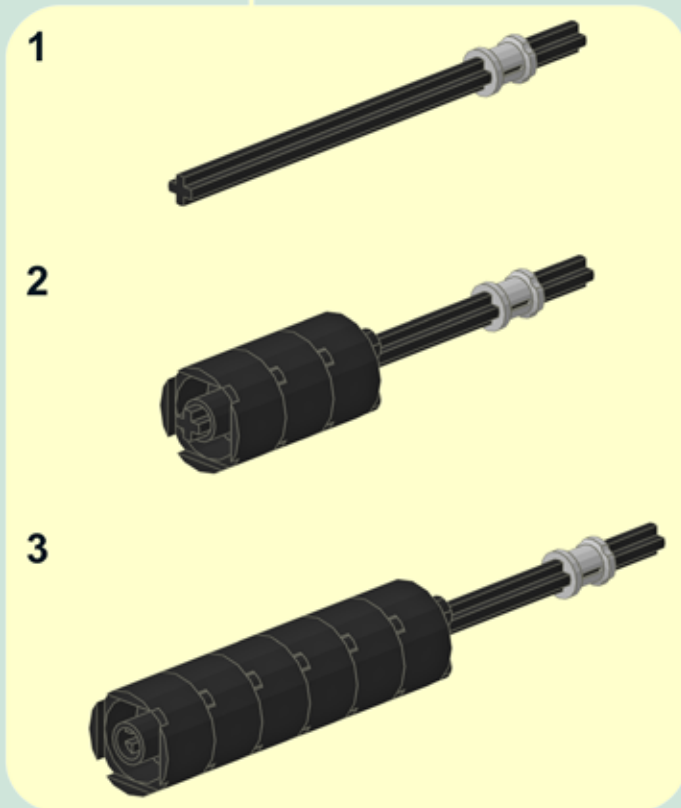
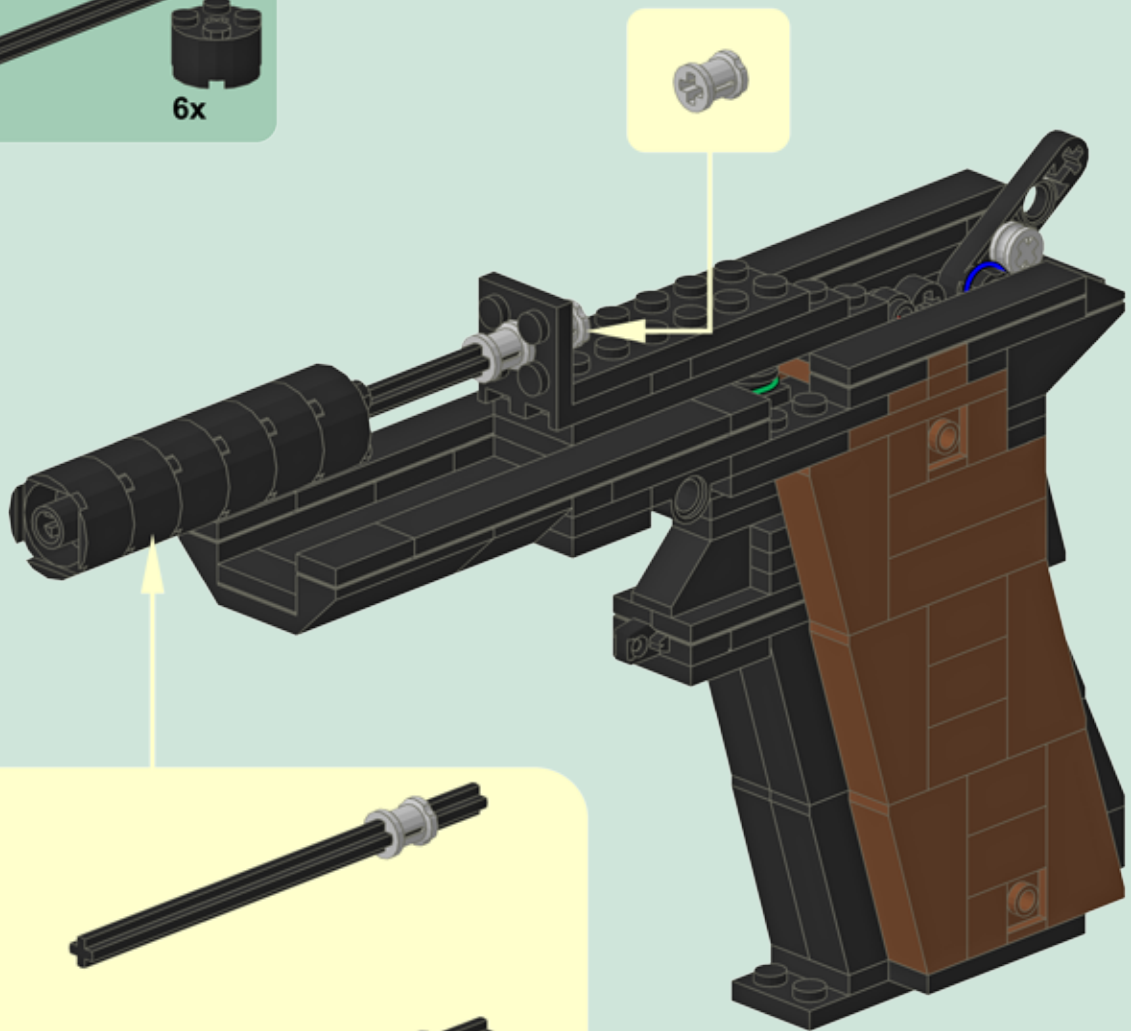
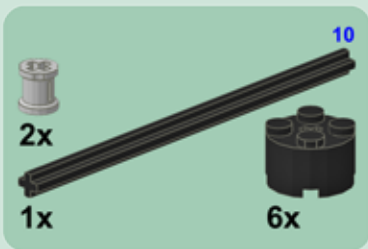
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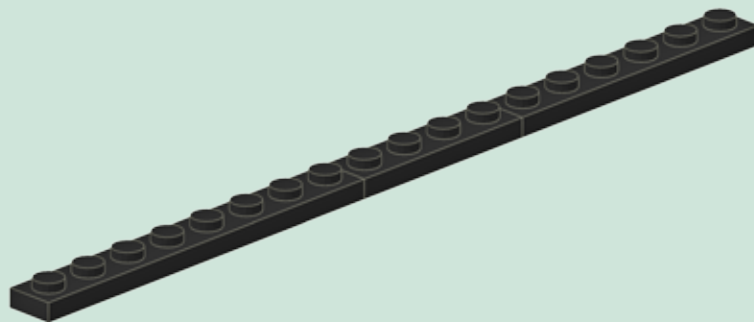
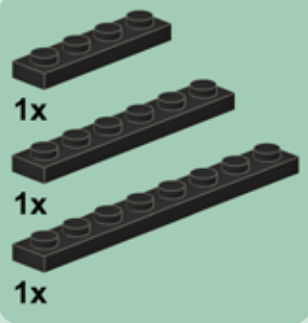
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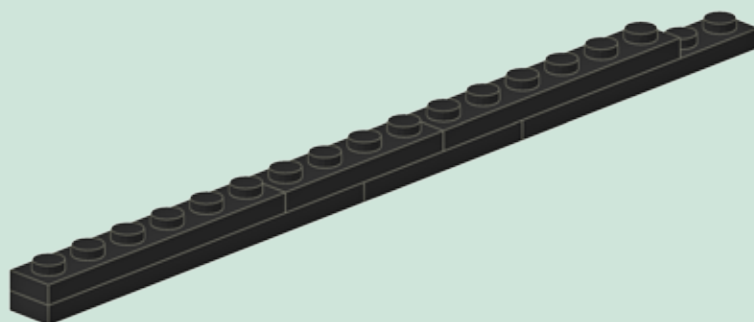
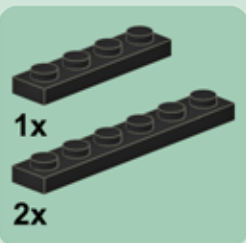
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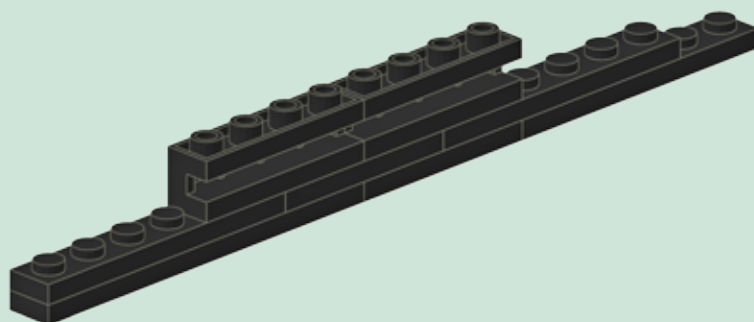
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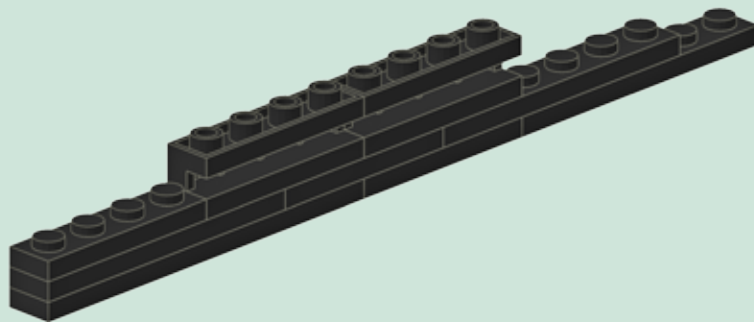
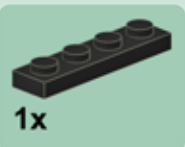
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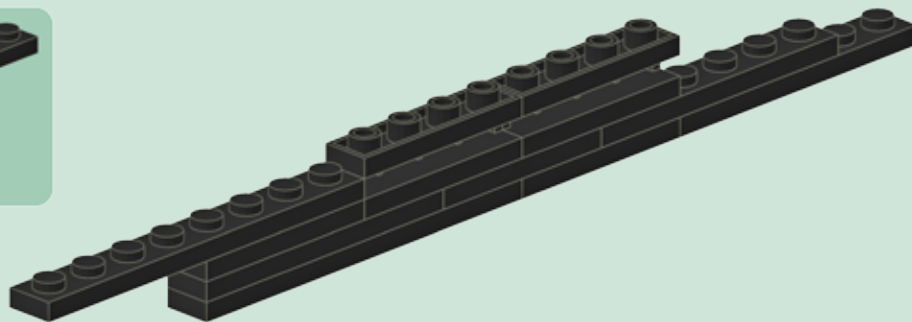
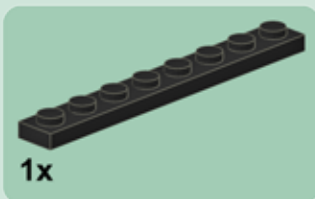
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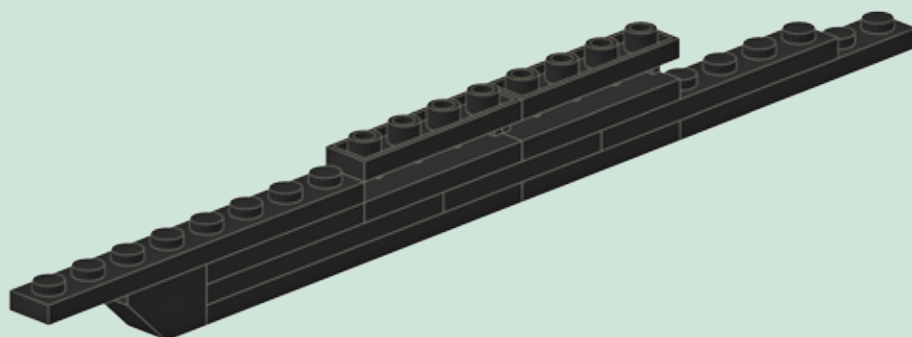
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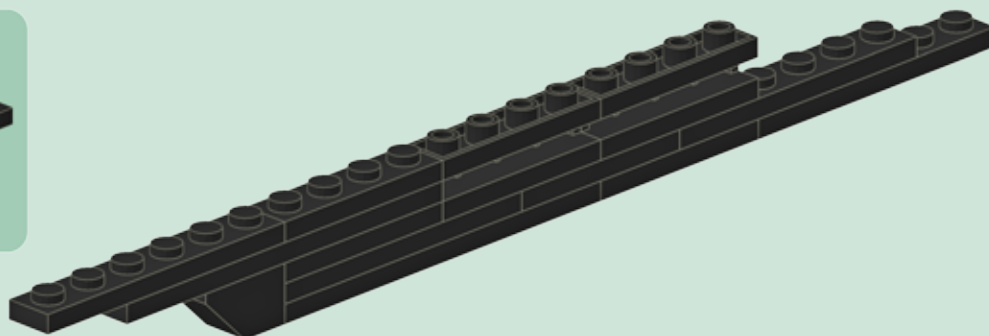
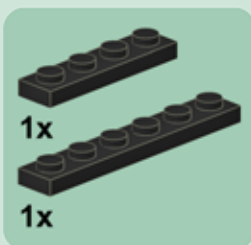
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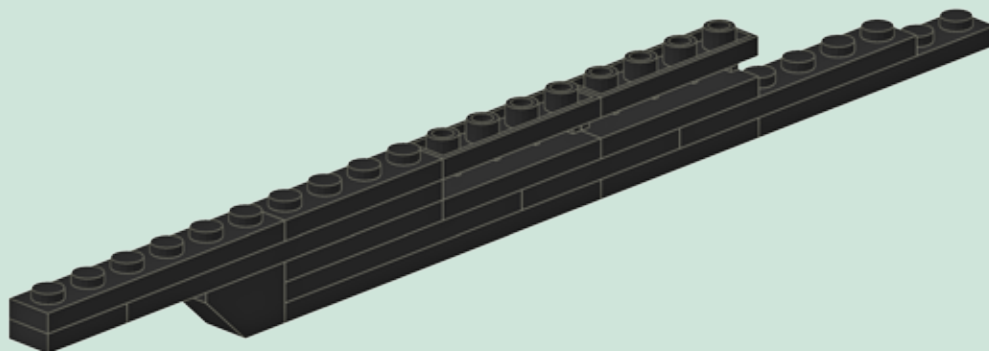
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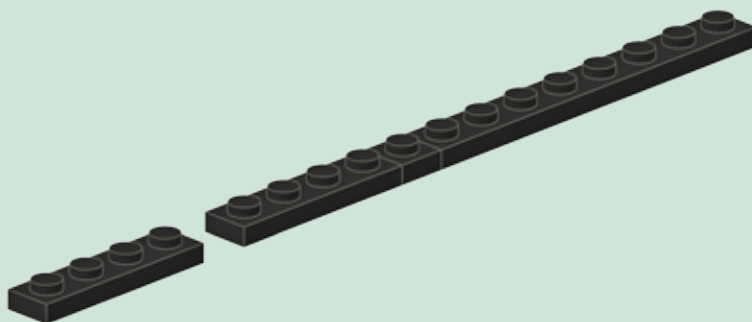
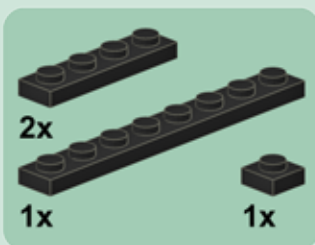
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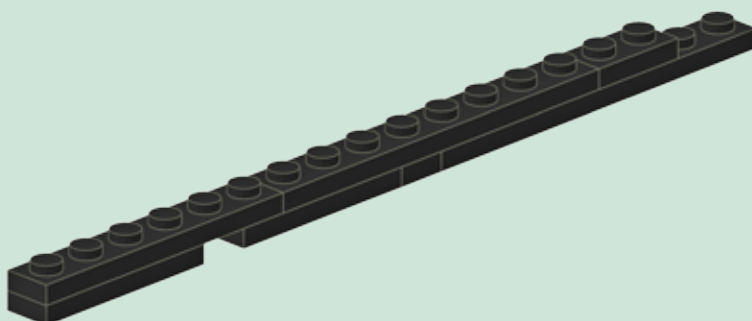
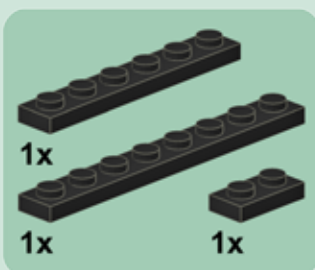
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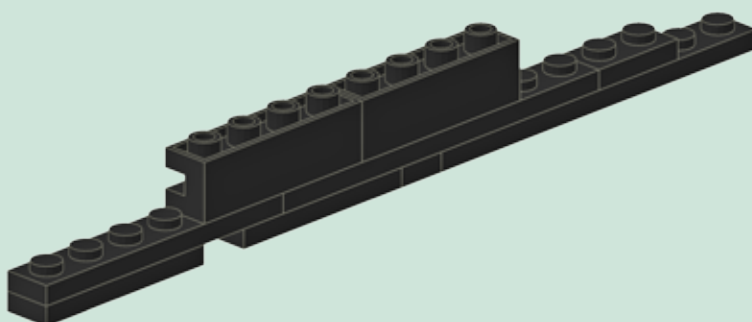
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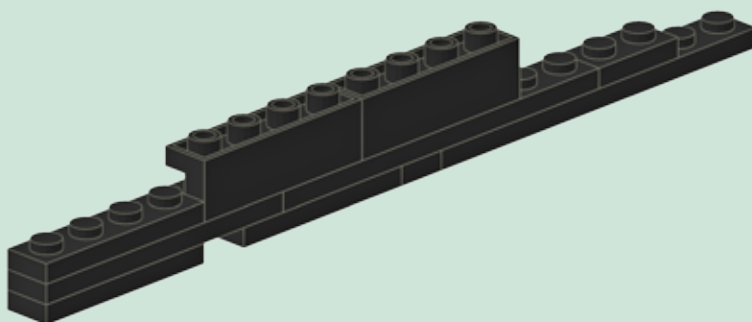
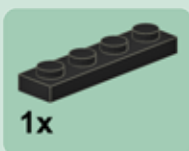
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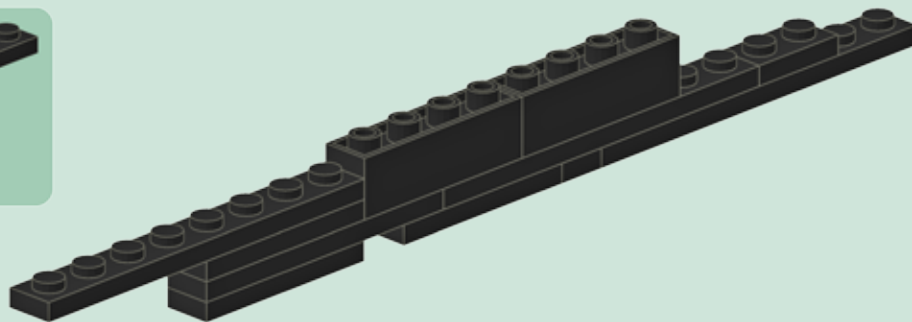
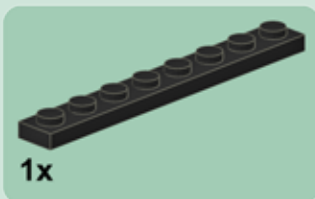
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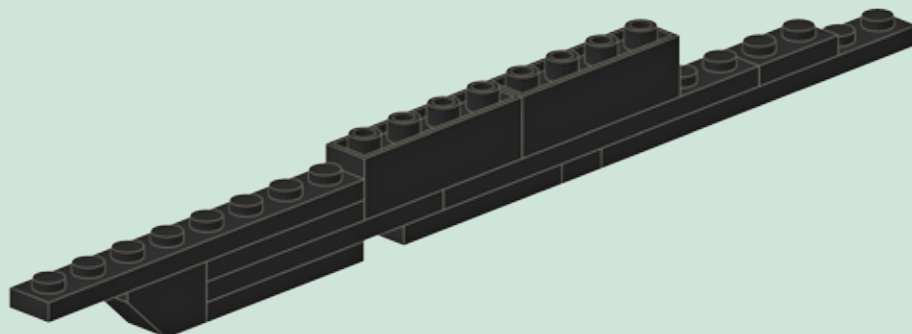
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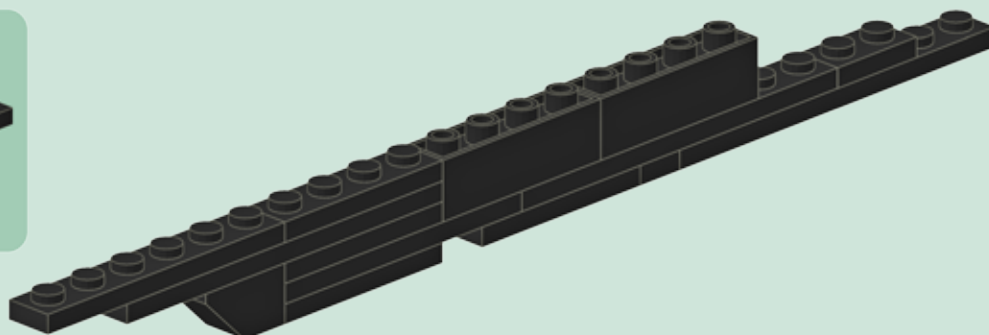
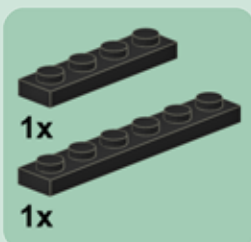
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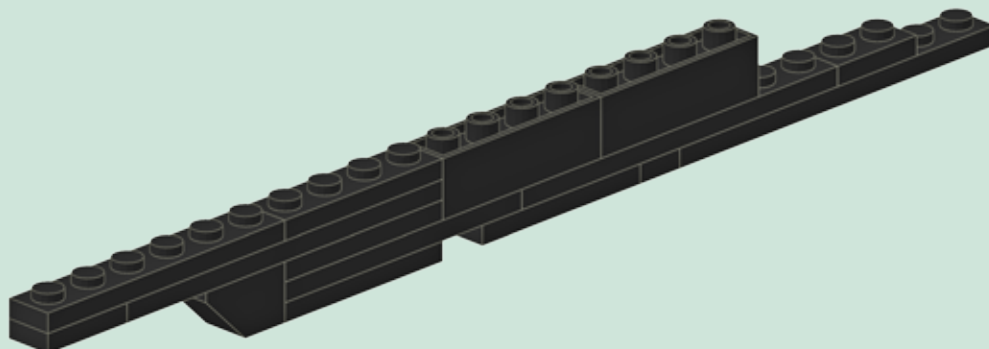
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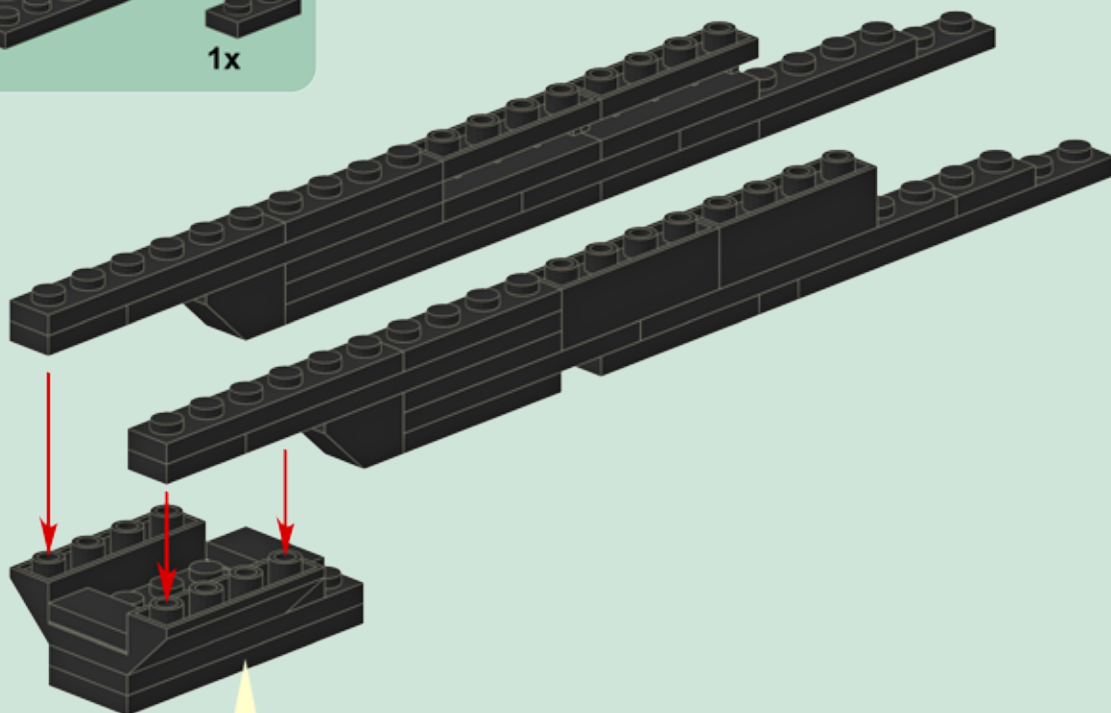
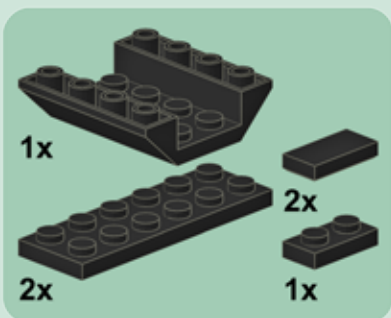
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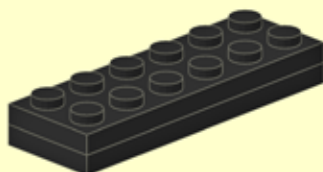
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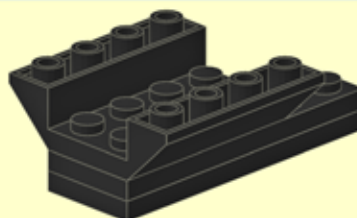
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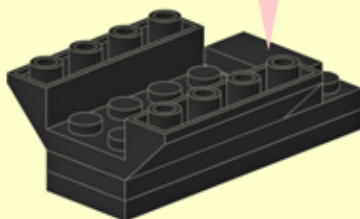
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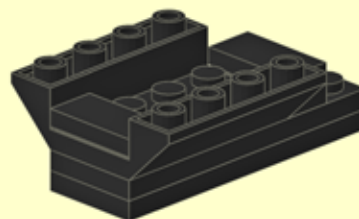
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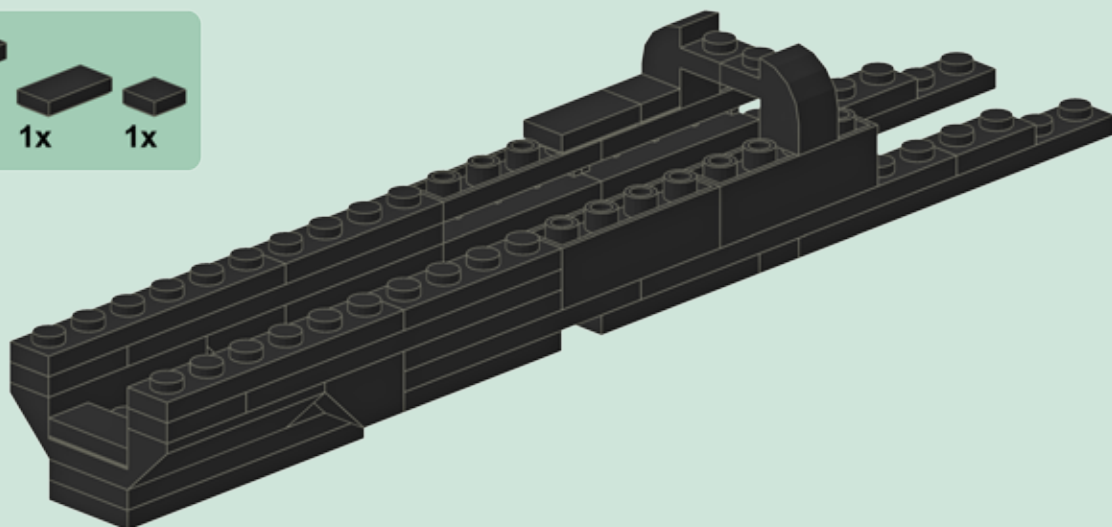
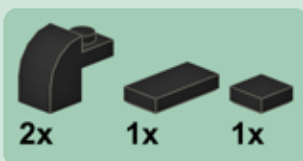
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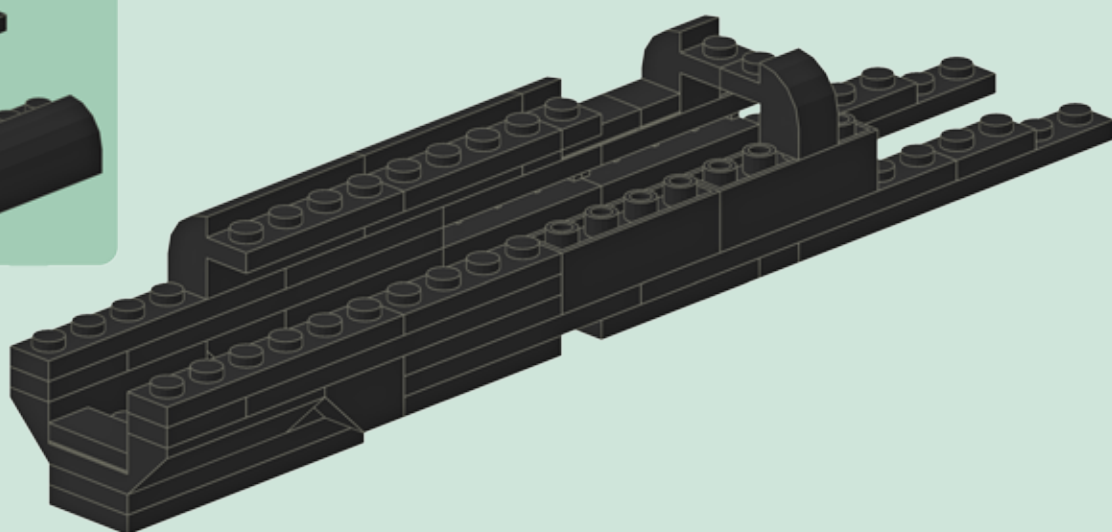
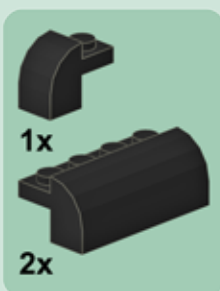
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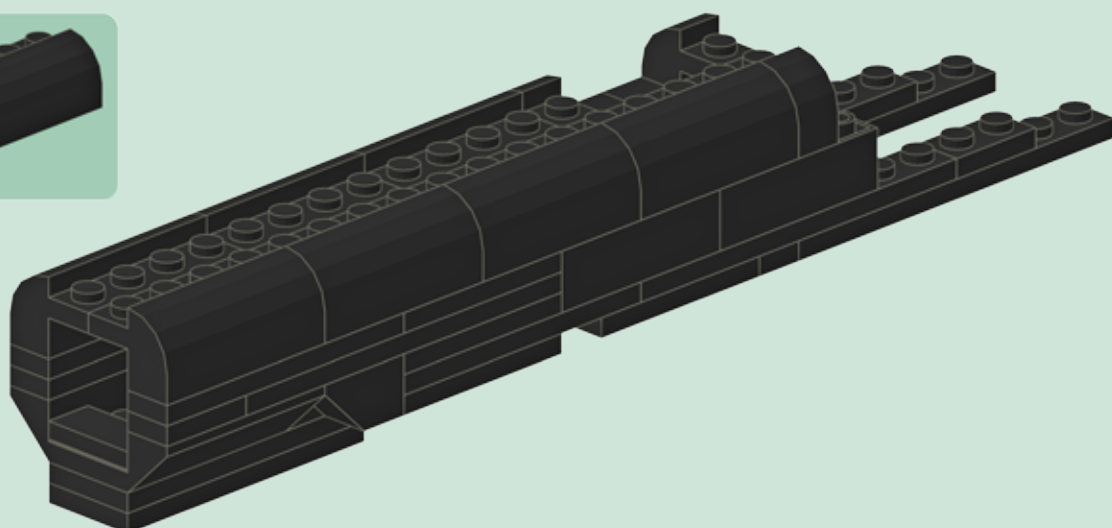
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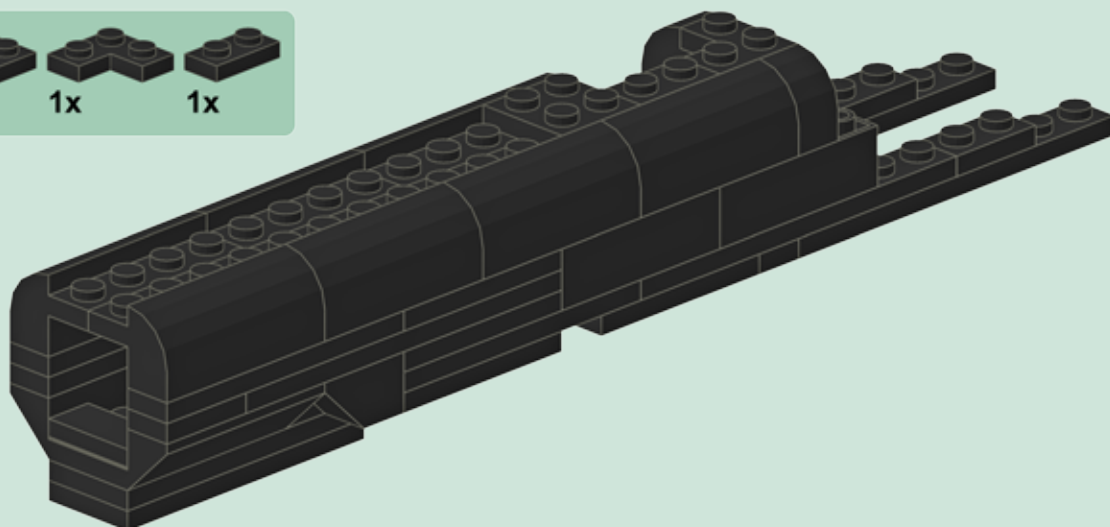
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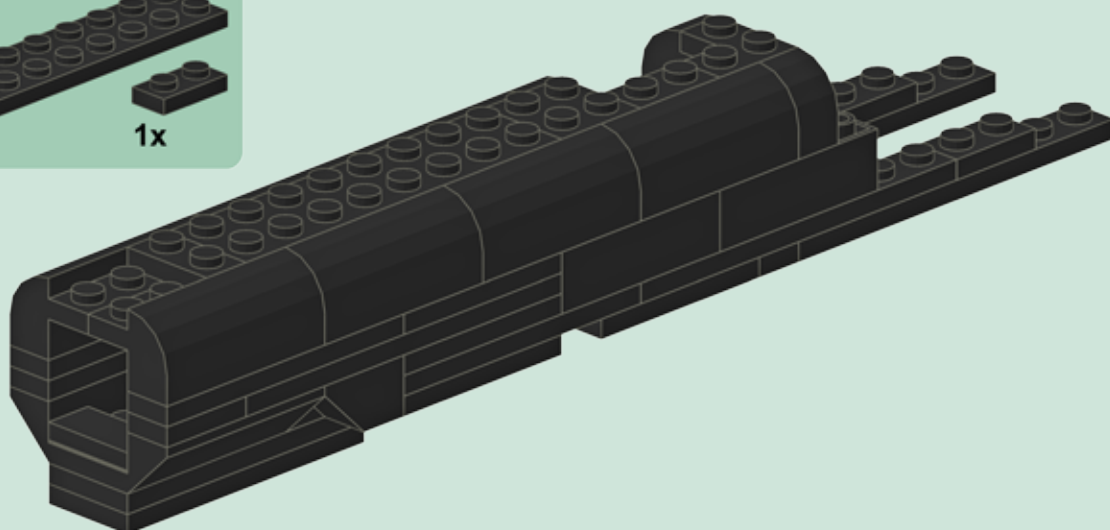
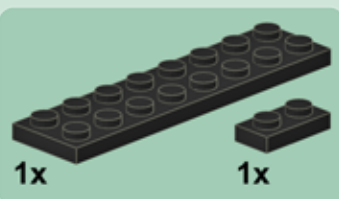
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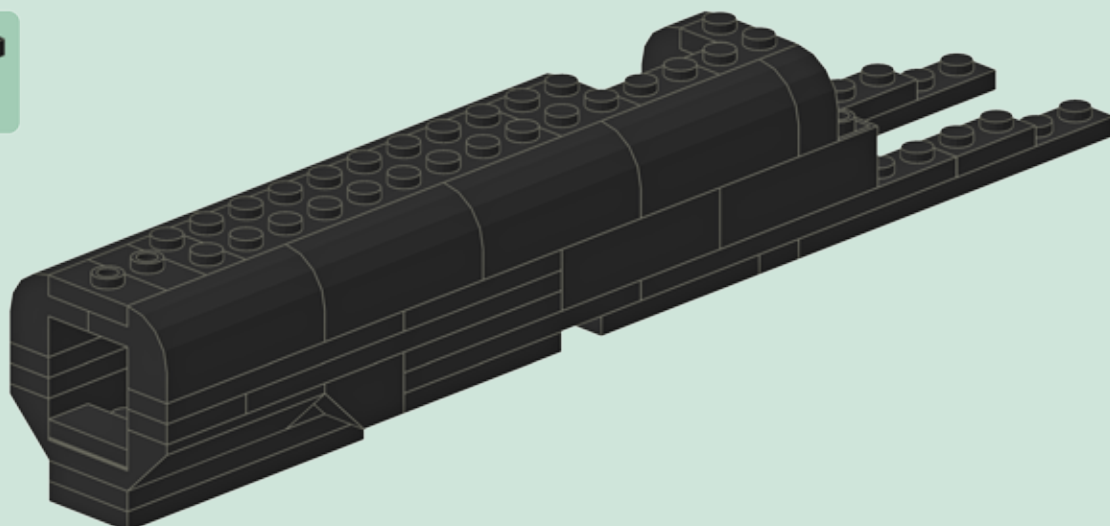
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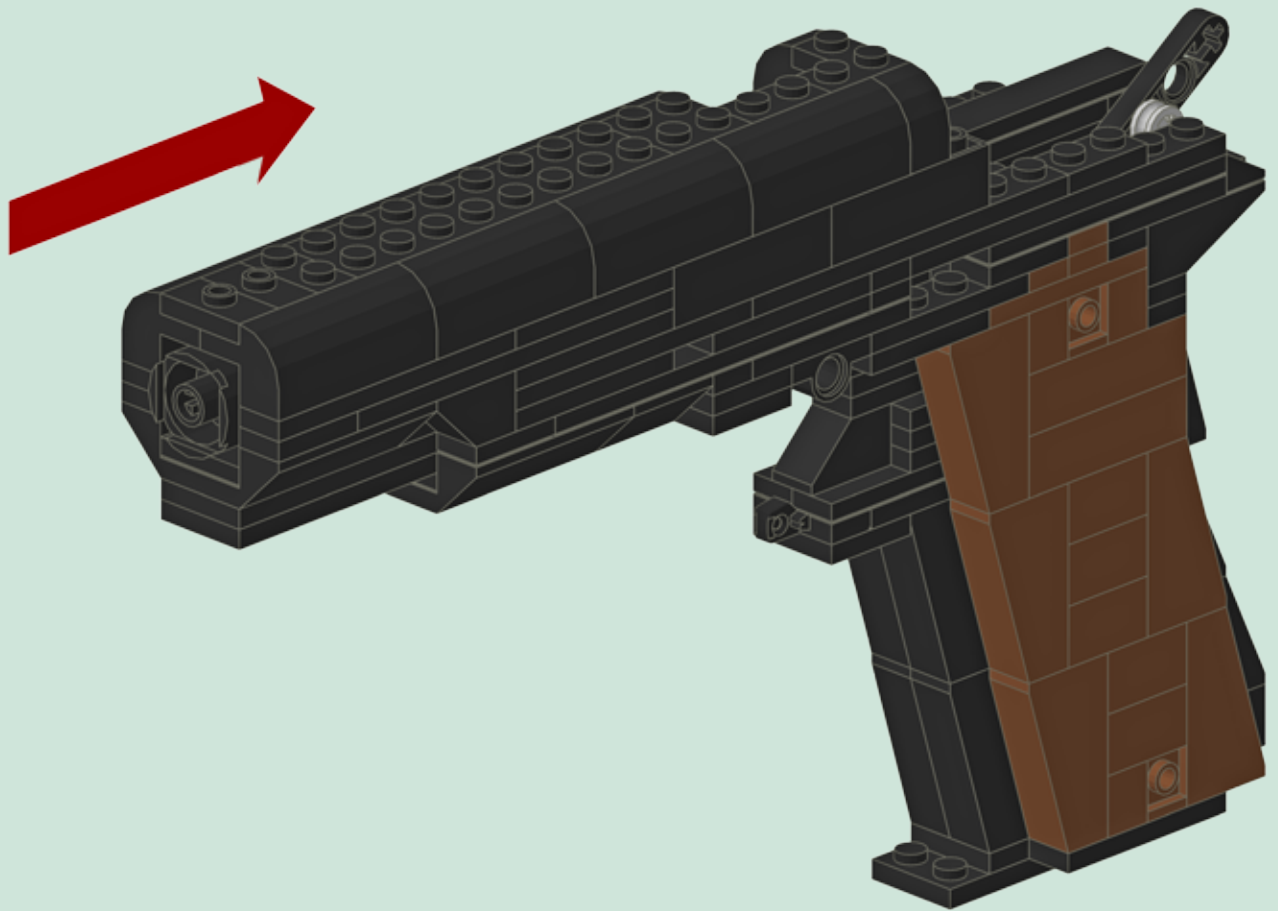


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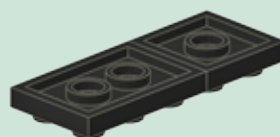
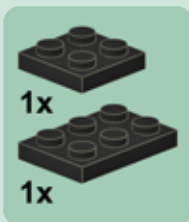


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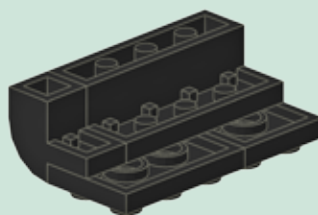
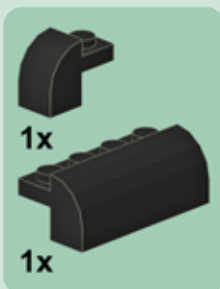




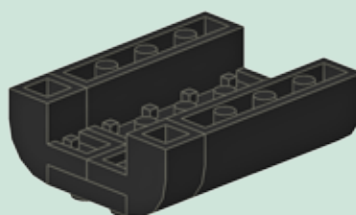
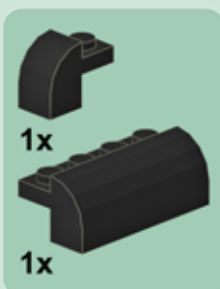
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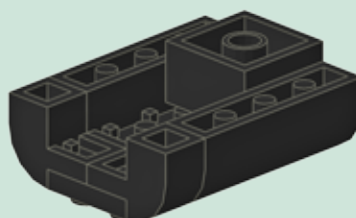
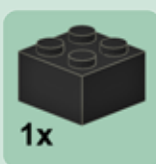
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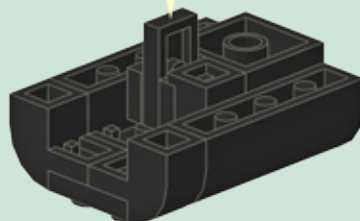
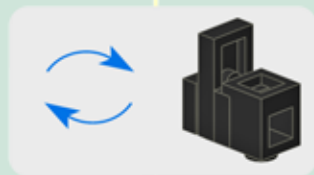
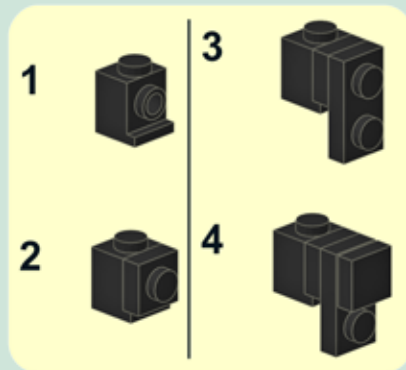
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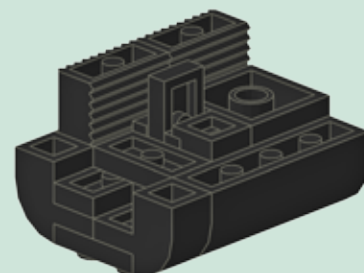
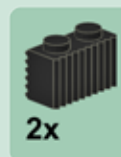
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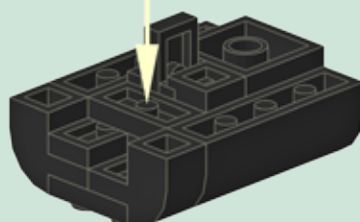
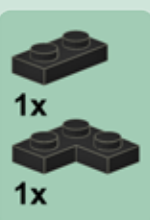
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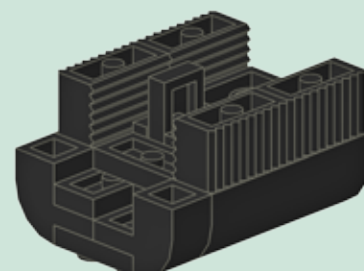
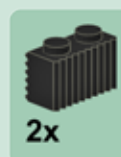
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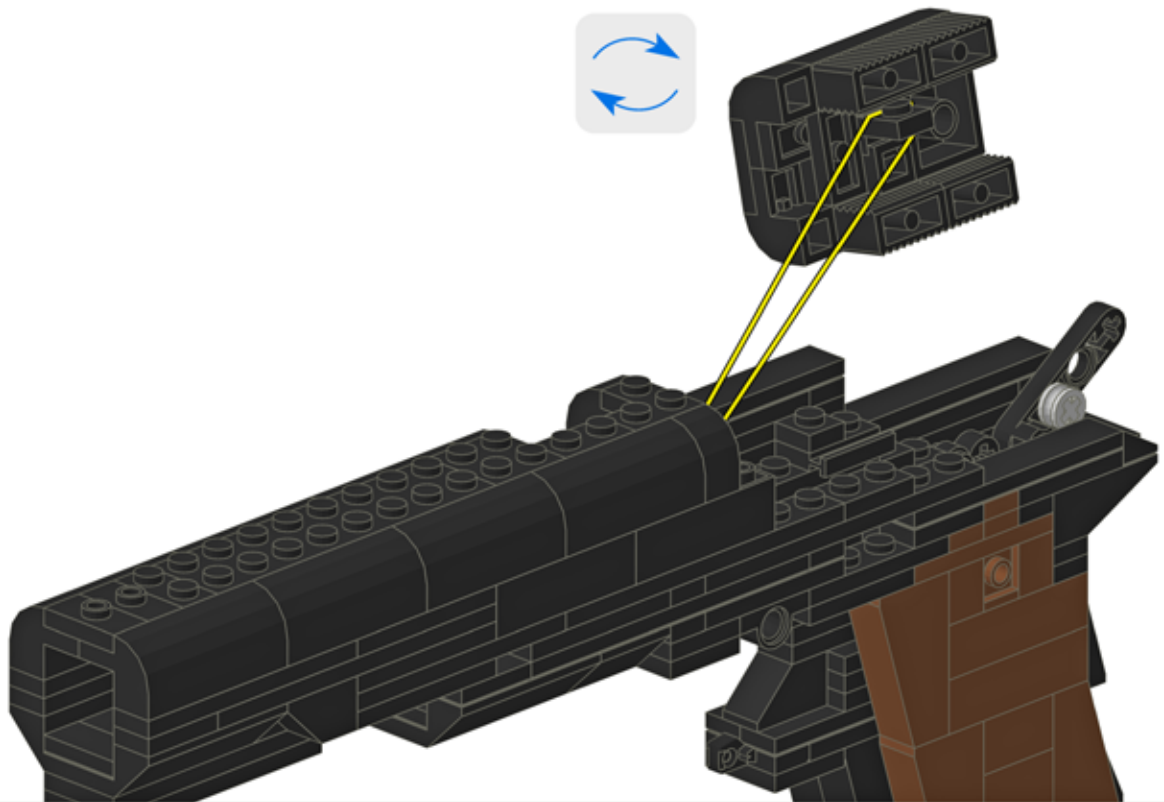
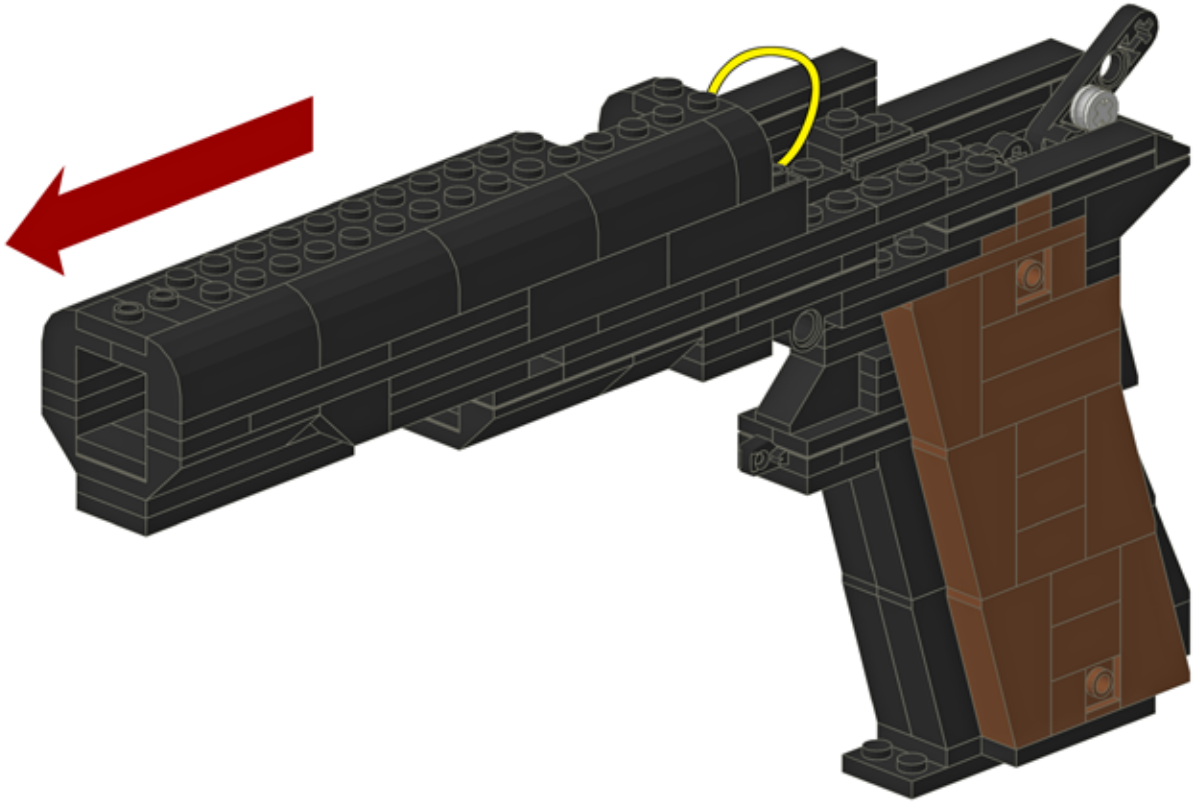


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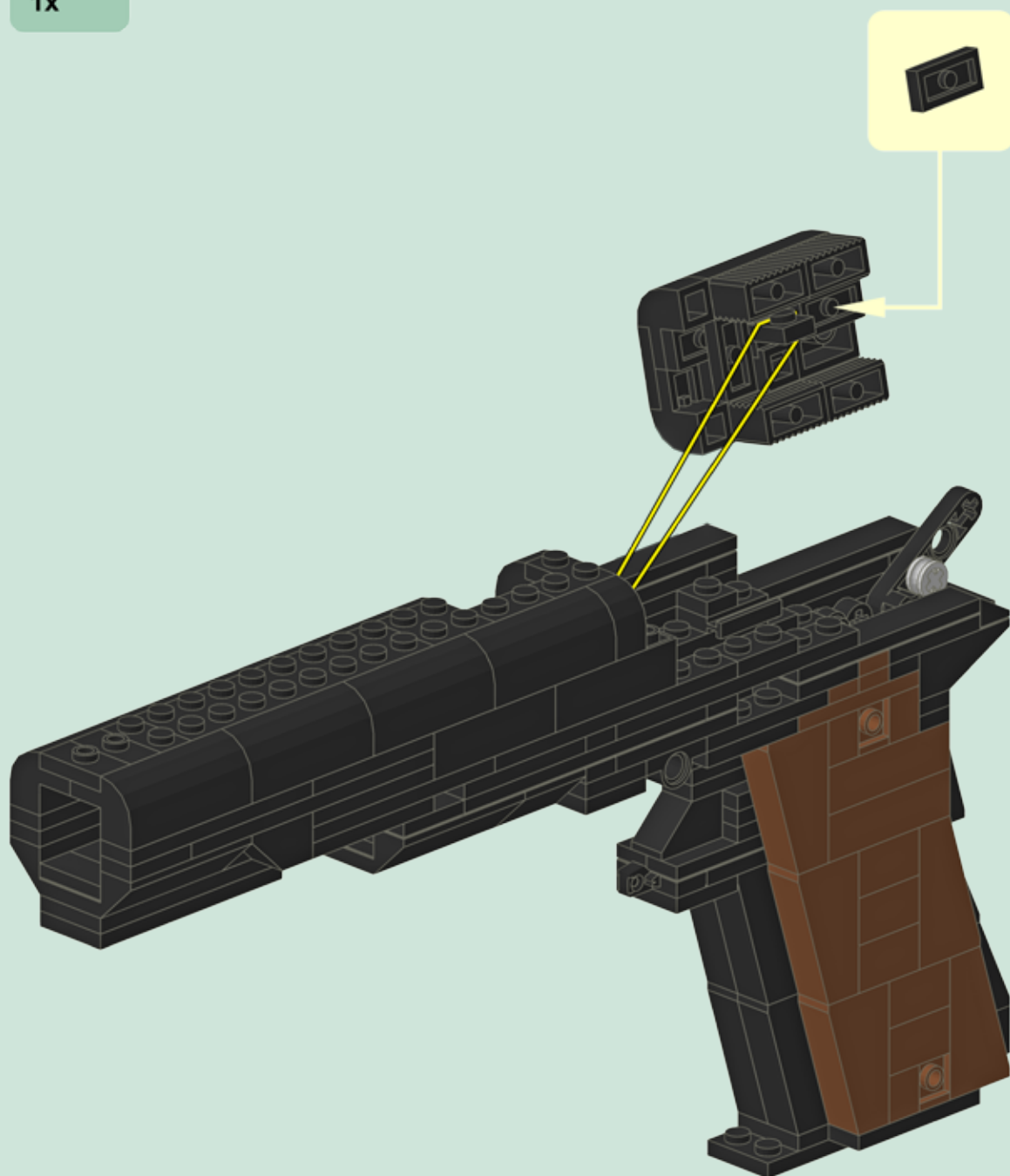


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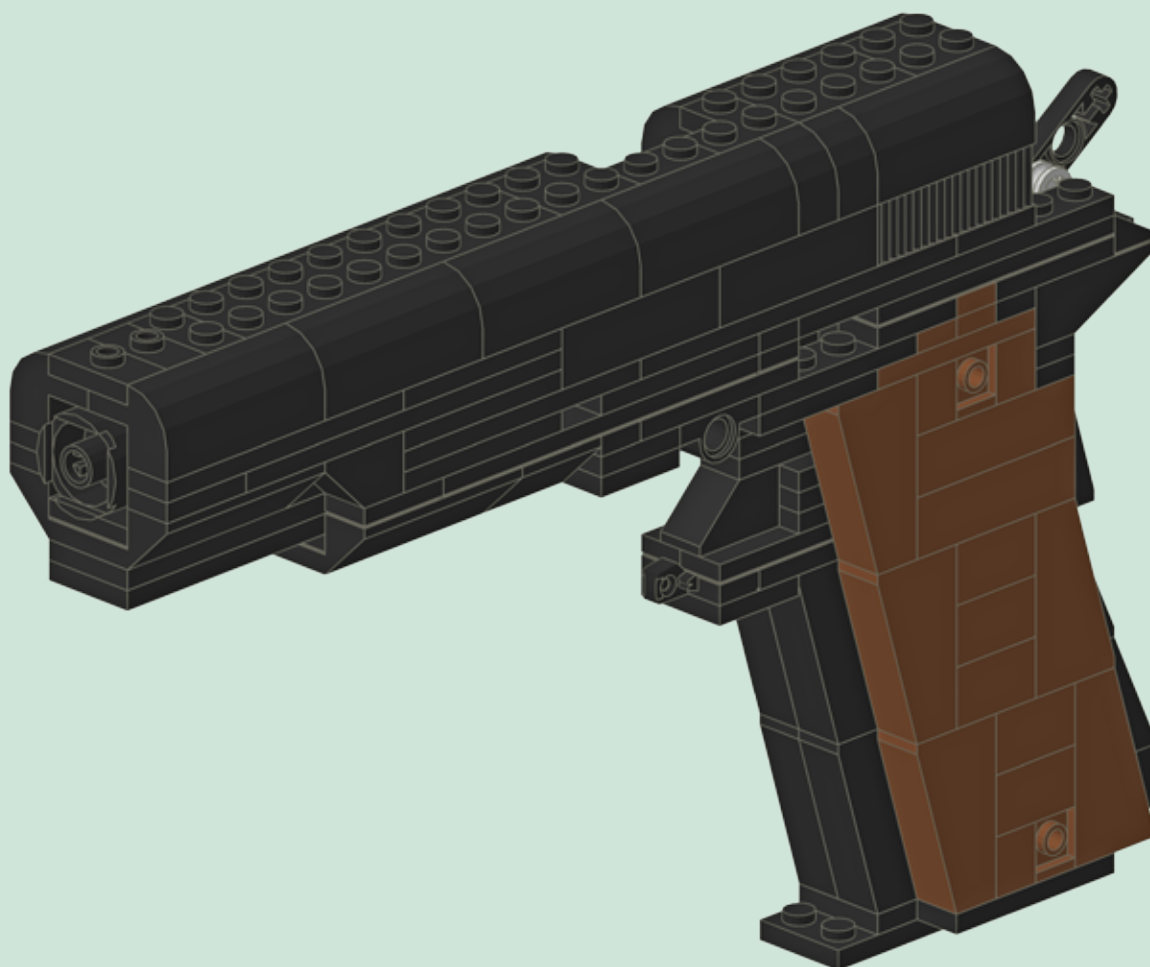
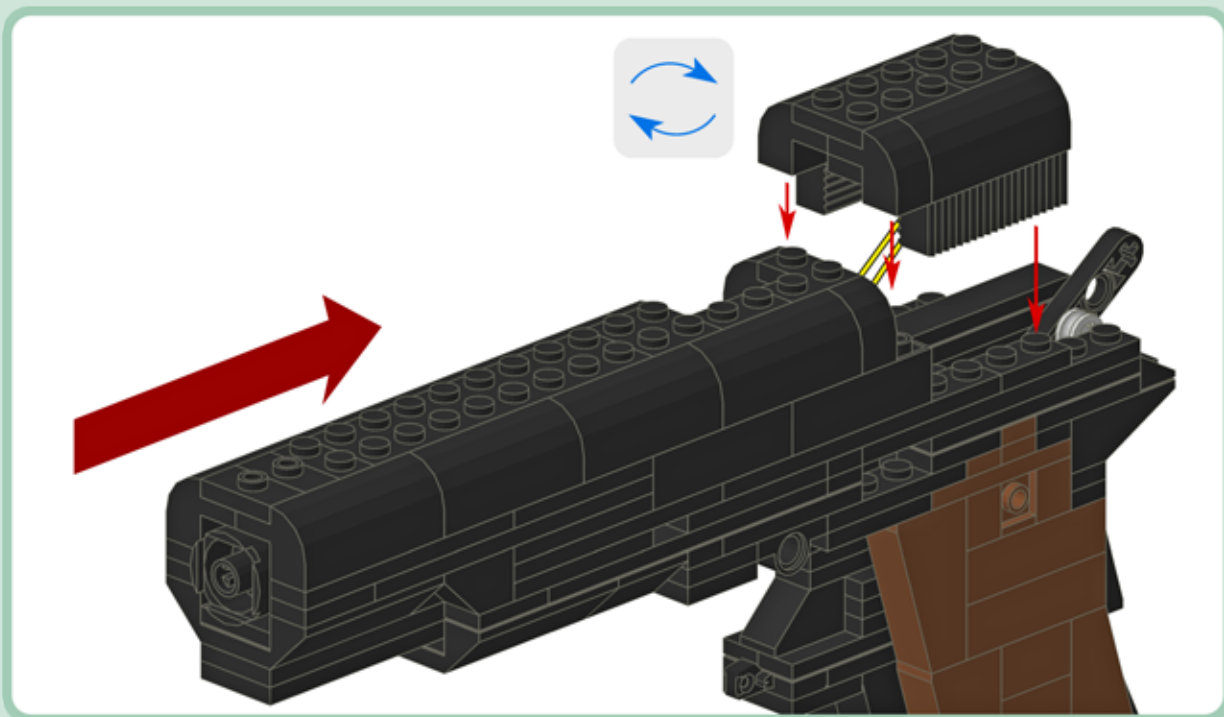




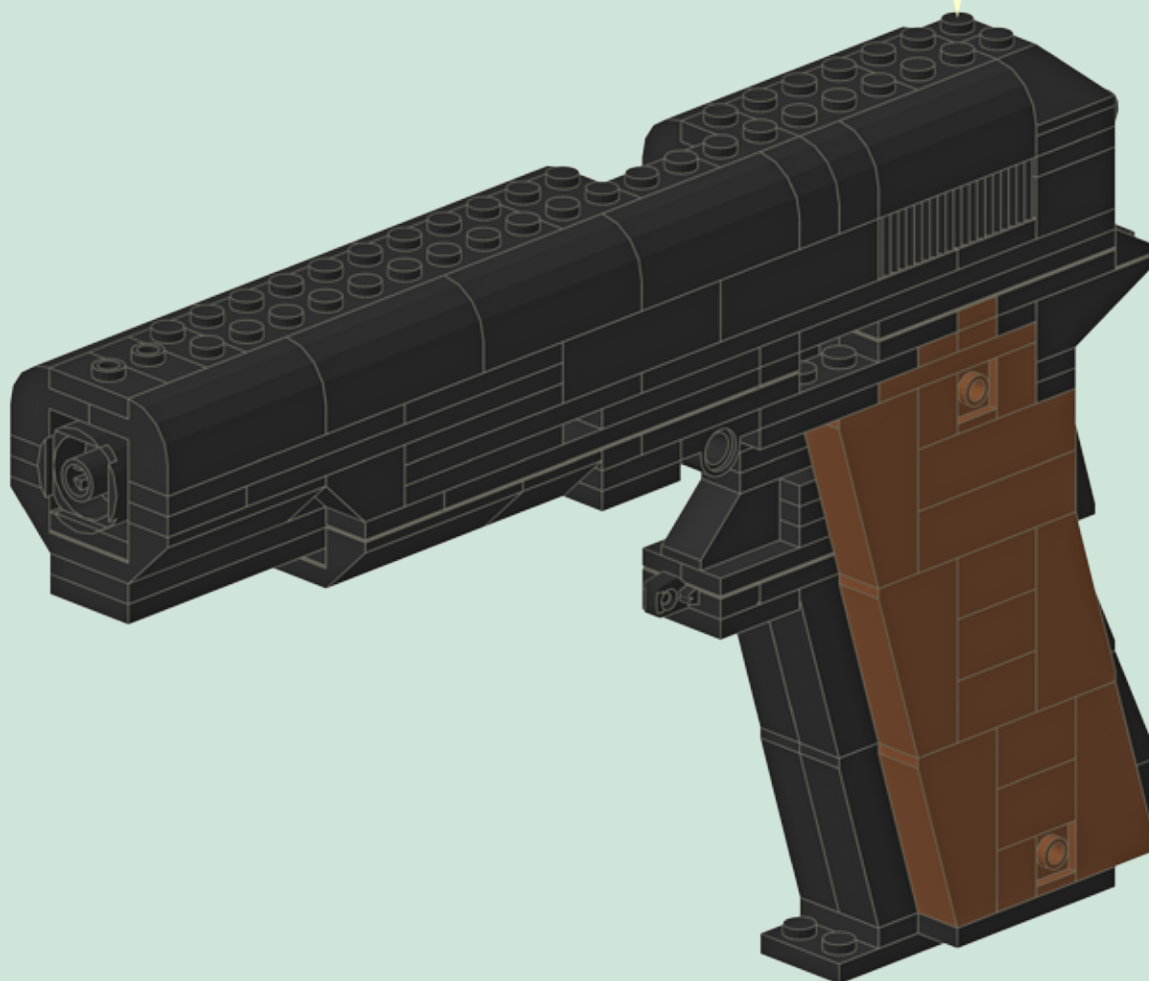
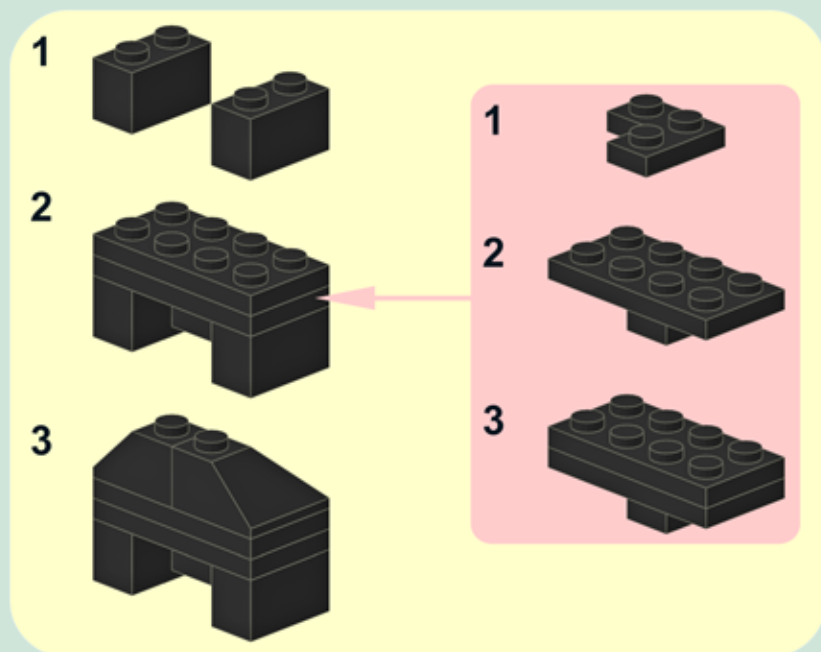
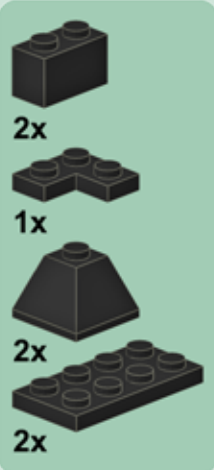
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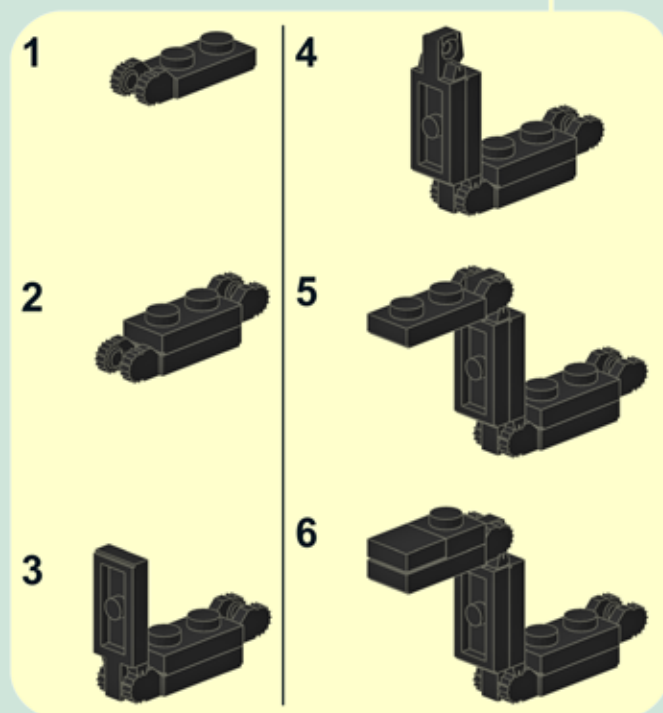
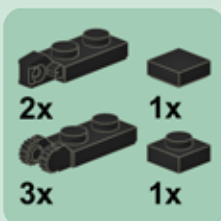
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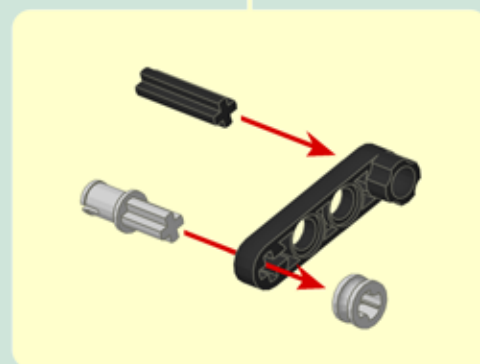
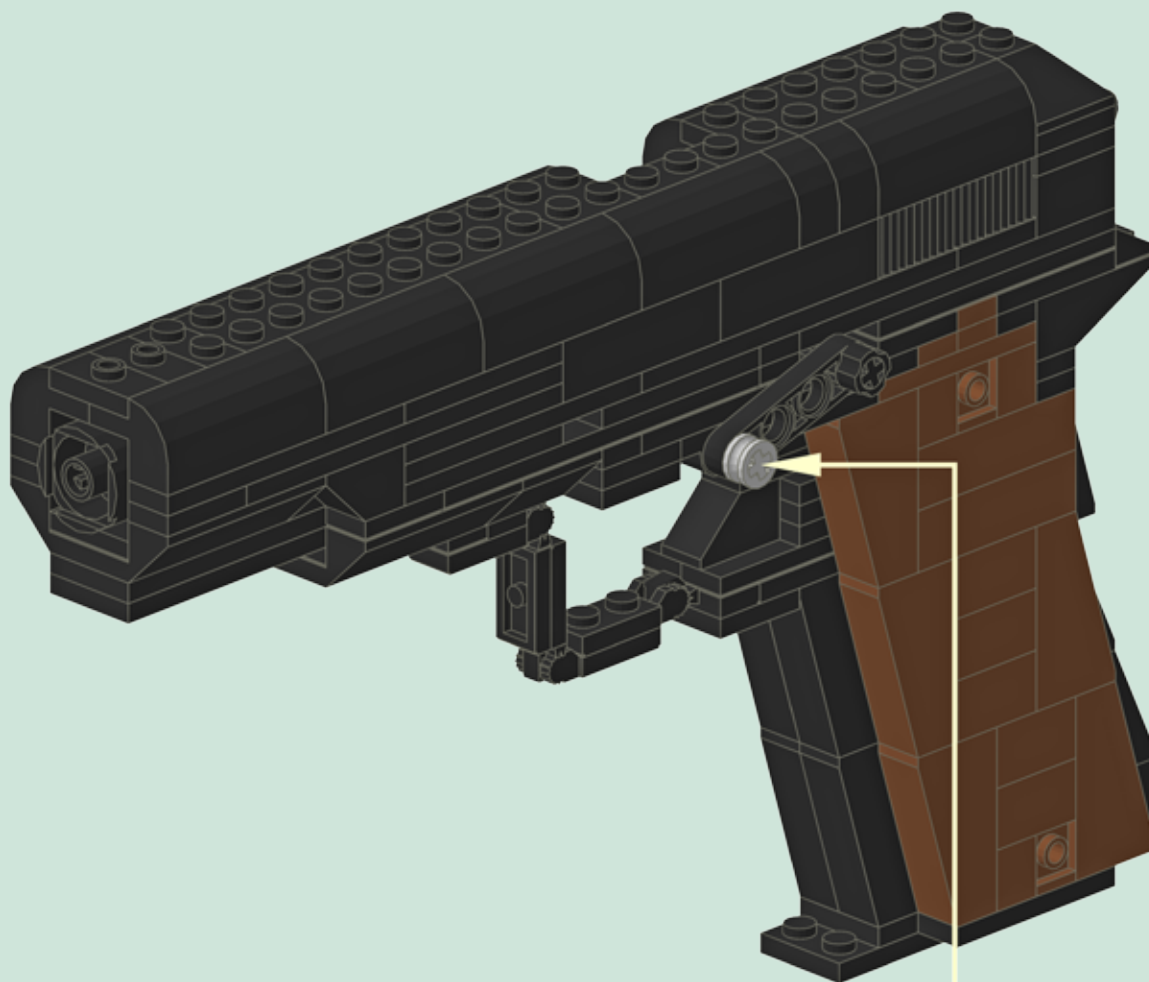
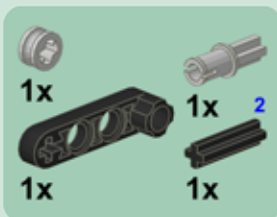
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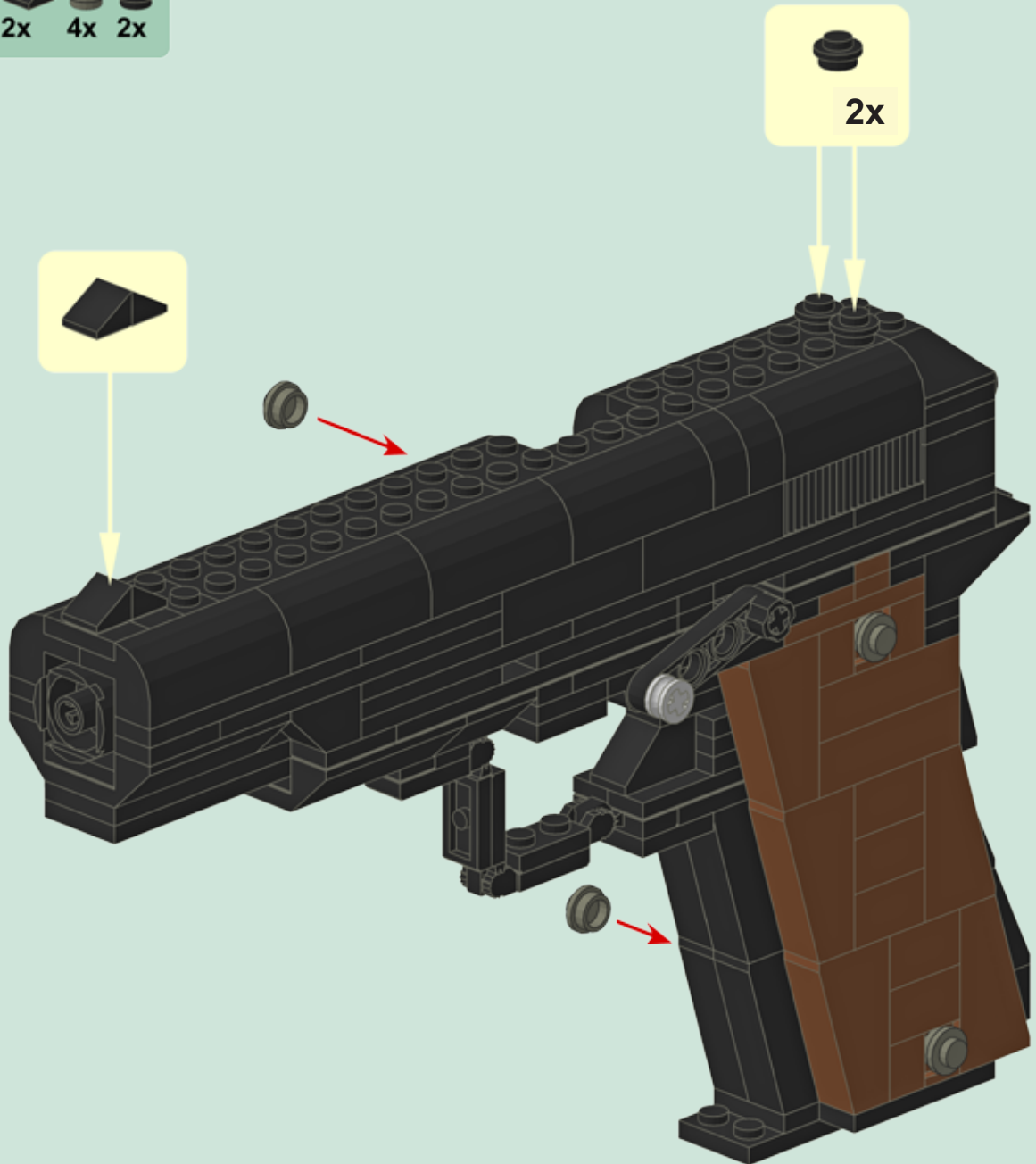
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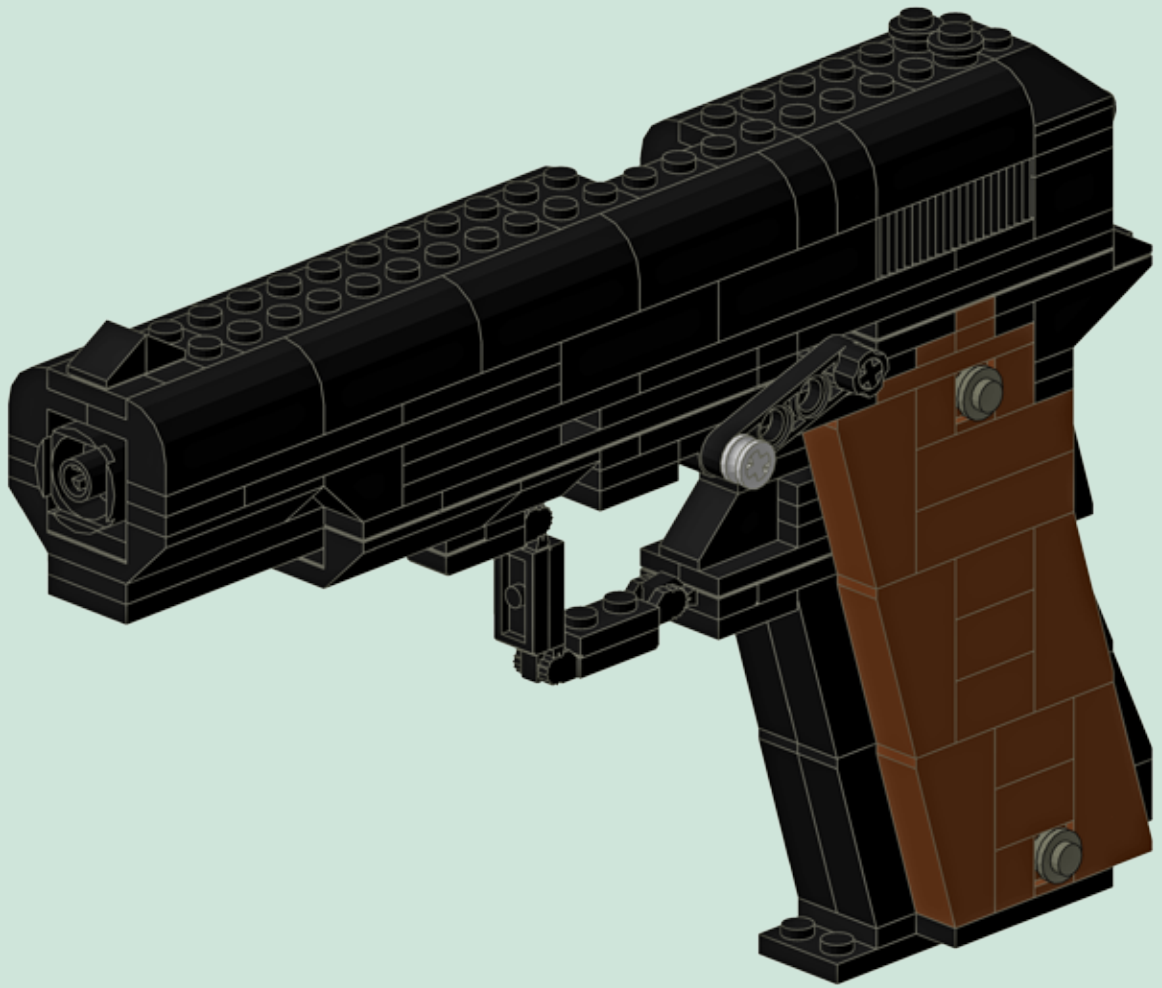


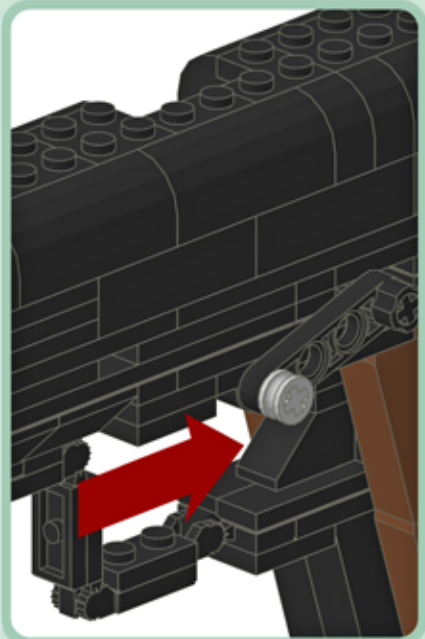
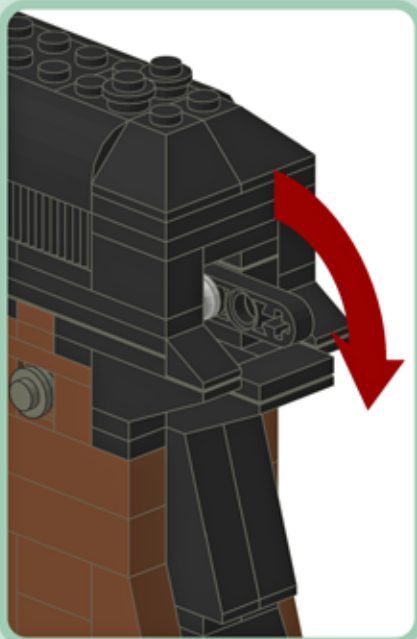
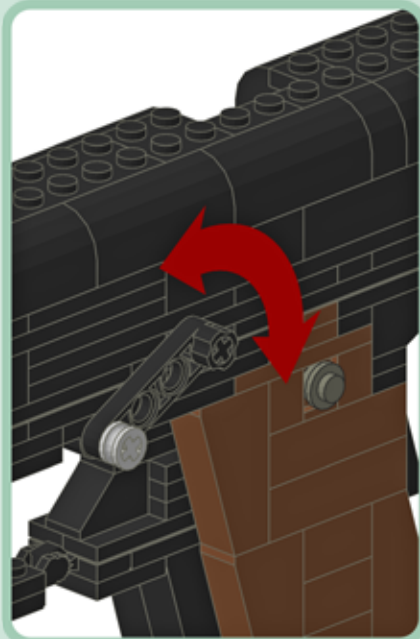
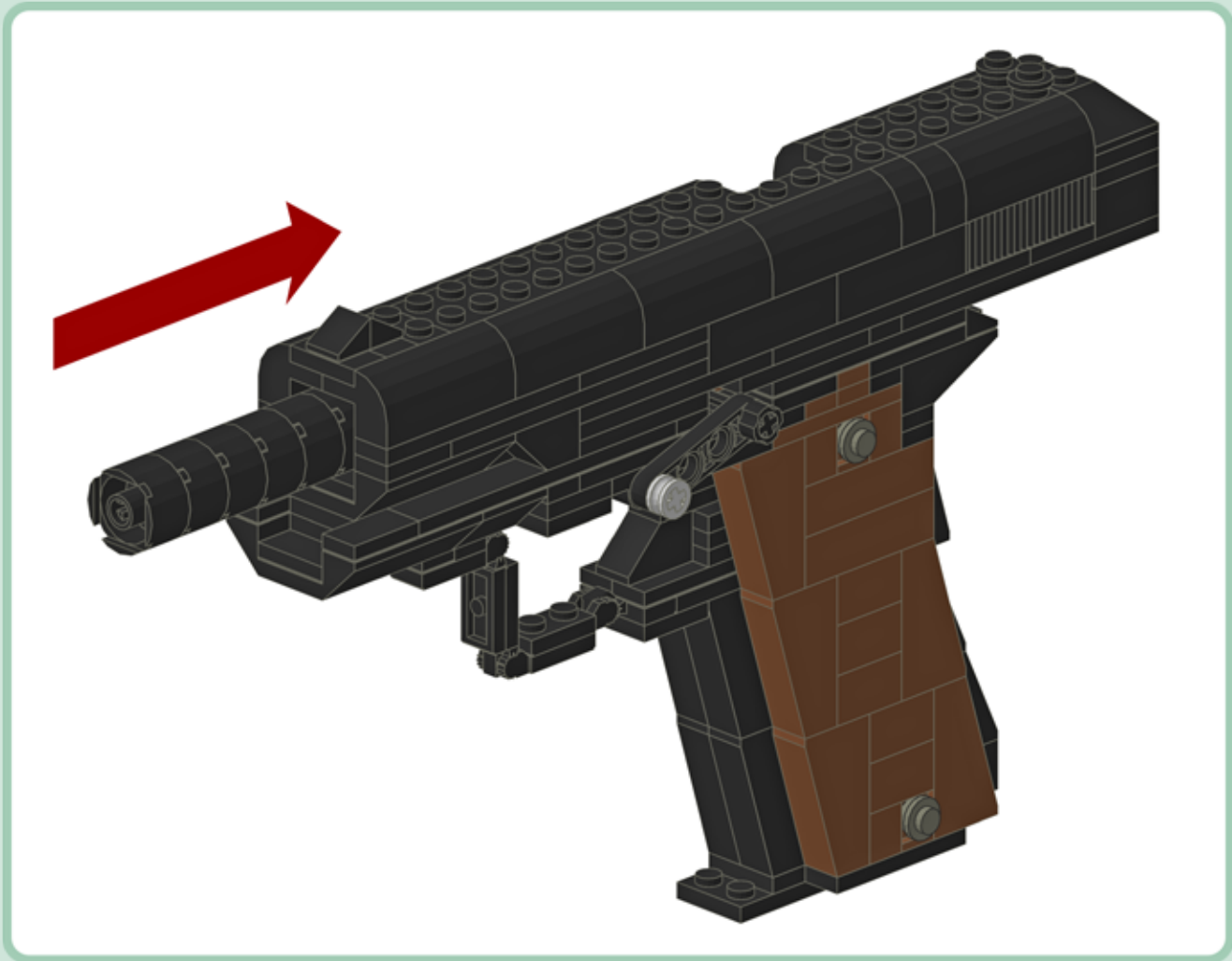
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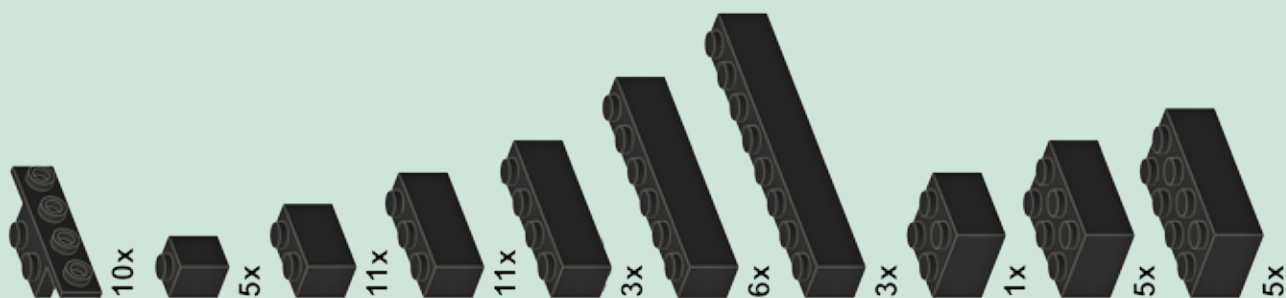
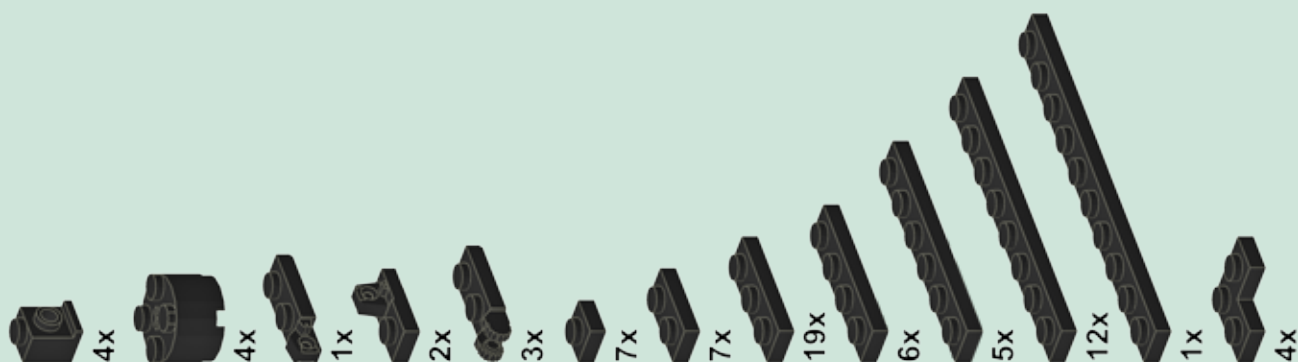
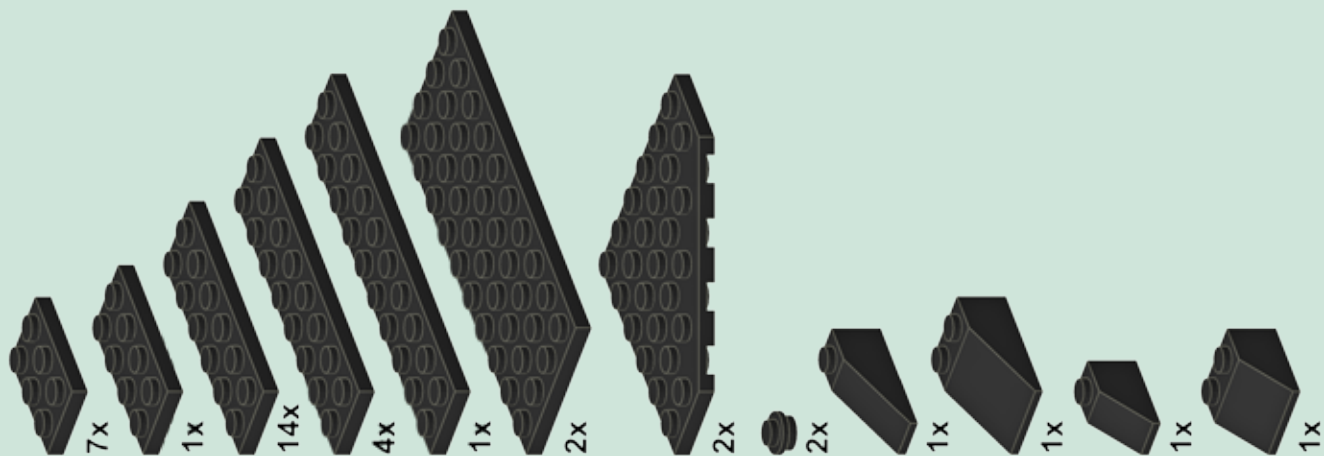


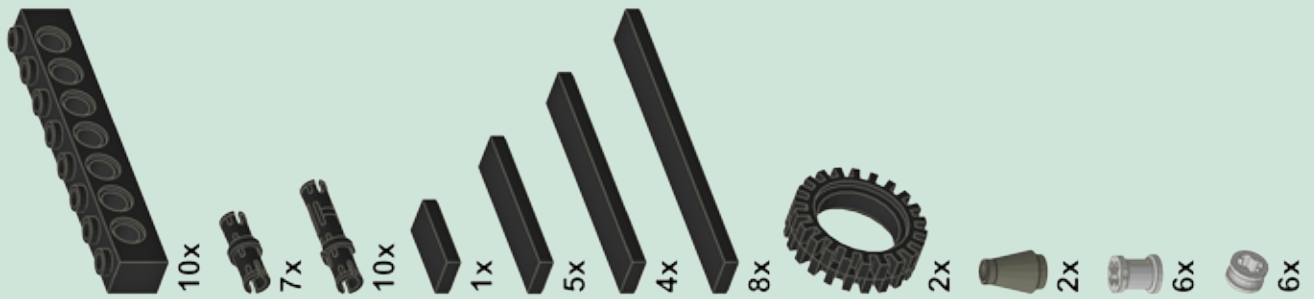
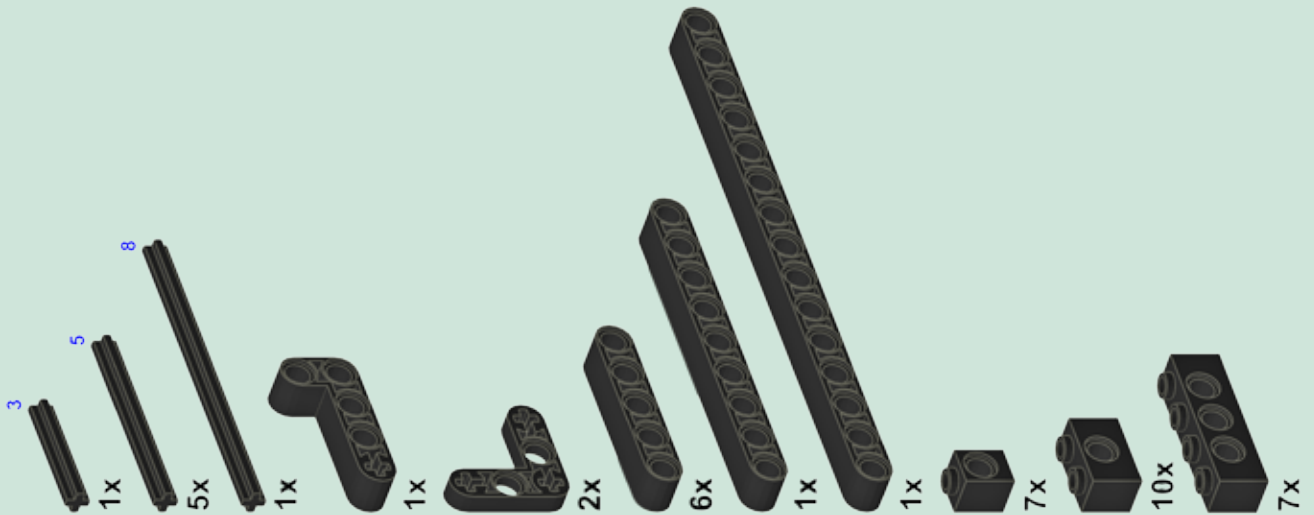
MAC-11

RUBBER BAND

BrickGun MAC-11 Rubber Band Parts List			
Qty	Part #	Color	Description
10	2436	Black	Bracket 1 × 2 - 1 × 4
5	3005	Black	Brick 1 × 1
11	3004	Black	Brick 1 × 2
11	3622	Black	Brick 1 × 3
3	3010	Black	Brick 1 × 4
6	3009	Black	Brick 1 × 6
3	3008	Black	Brick 1 × 8
1	3003	Black	Brick 2 × 2
5	3002	Black	Brick 2 × 3
5	3001	Black	Brick 2 × 4
4	4070	Black	Brick Modified 1 × 1 with Headlight
4	3941	Black	Brick Round 2 × 2
1	44301	Black	Hinge Plate 1 × 2 Locking with 1 Finger on End
2	30383	Black	Hinge Plate 1 × 2 Locking with 1 Finger on Top
3	44302	Black	Hinge Plate 1 × 2 Locking with 2 Fingers on End
7	3024	Black	Plate 1 × 1
7	3023	Black	Plate 1 × 2
19	3623	Black	Plate 1 × 3
6	3710	Black	Plate 1 × 4
5	3666	Black	Plate 1 × 6
12	3460	Black	Plate 1 × 8
1	4477	Black	Plate 1 × 10
4	2420	Black	Plate 2 × 2 Corner
7	3021	Black	Plate 2 × 3
1	3020	Black	Plate 2 × 4
14	3795	Black	Plate 2 × 6
4	3034	Black	Plate 2 × 8
1	3832	Black	Plate 2 × 10
2	3030	Black	Plate 4 × 10
2	6106	Black	Wedge Plate 6 × 6 Cut Corner
2	4073	Black	Plate Round 1 × 1 Straight Side

BrickGun MAC-11 Rubber Band Parts List (cont'd)			
Qty	Part #	Color	Description
1	4286	Black	Slope 33° 3 × 1
1	3298	Black	Slope 33° 3 × 2
1	3040	Black	Slope 45° 2 × 1
1	3039	Black	Slope 45° 2 × 2
1	4519	Black	Technic Axle 3
5	32073	Black	Technic Axle 5
1	3707	Black	Technic Axle 8
1	32140	Black	Technic Liftarm 2 × 4 L-Shape Thick
2	32056	Black	Technic Liftarm 3 × 3 L-Shape Thin
6	32316	Black	Technic Liftarm 1 × 5 Thick
1	40490	Black	Technic Liftarm 1 × 9 Thick
1	32278	Black	Technic Liftarm 1 × 15 Thick
7	6541	Black	Technic Brick 1 × 1 with Hole
10	3700	Black	Technic Brick 1 × 2 with Hole
7	3701	Black	Technic Brick 1 × 4 with Holes
10	3702	Black	Technic Brick 1 × 8 with Holes
7	2780	Black	Technic Pin with Friction Ridges Lengthwise with Center Slots
10	6558	Black	Technic Pin Long with Friction Ridges Lengthwise
1	3069b	Black	Tile 1 × 2
5	2431	Black	Tile 1 × 4
4	6636	Black	Tile 1 × 6
8	4162	Black	Tile 1 × 8
2	3483	Black	Tire Offset Tread
2	4589	Dark Grey	Cone 1 × 1 without Top Groove
6	3713	Light Grey	Technic Bush
6	32123	Light Grey	Technic Bush 1/2 Smooth
34	4274	Light Grey	Technic Pin 1/2
2	3062b	Yellow	Brick Round 1 × 1 Open Stud
1	n/a	n/a	Rubber Band - Medium Thick (11/16" or 18mm)
(∞)	n/a	n/a	Rubber Band - #12 (1 1/8" or 28mm)
312 Total Parts			61 Part Types

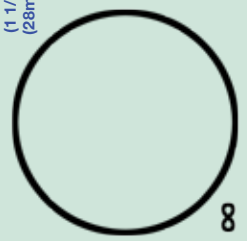


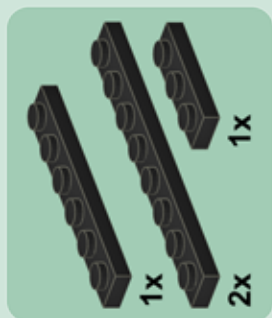
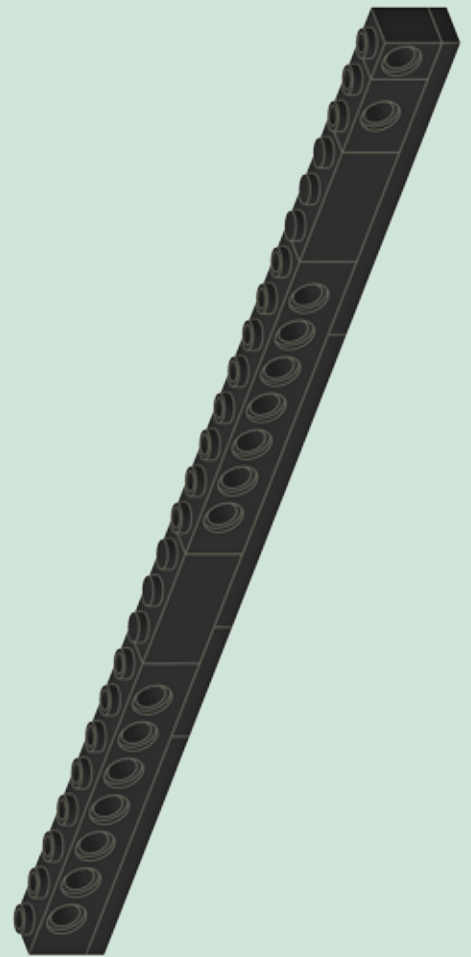


Medium
Thick
(1 1/16")
(18mm)



#12
(1 1/8")
(28mm)

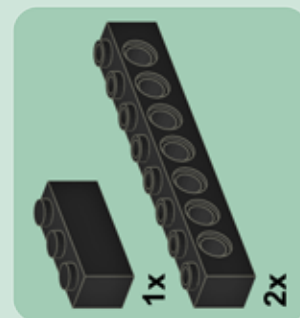




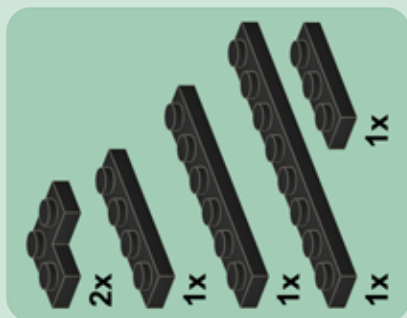
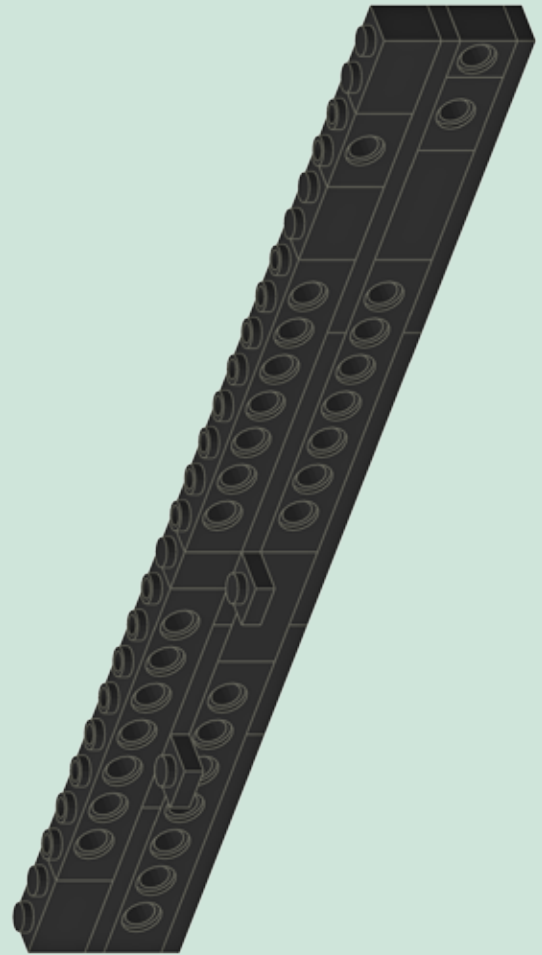
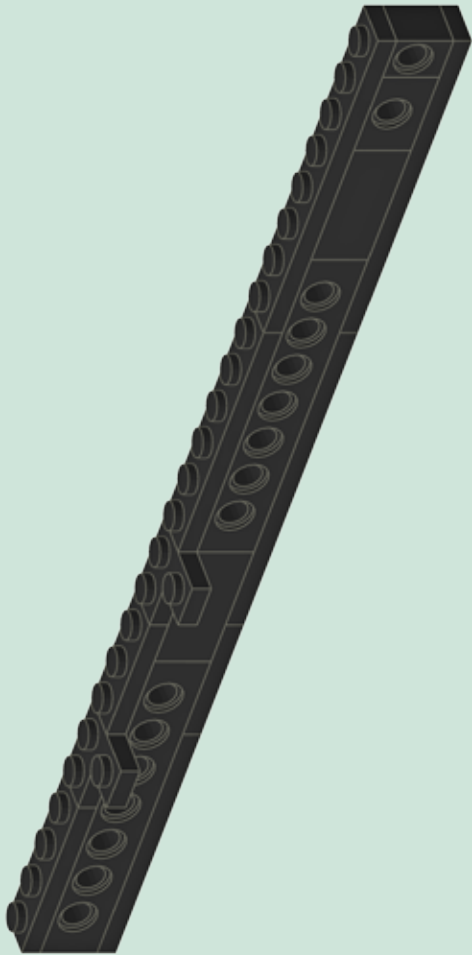
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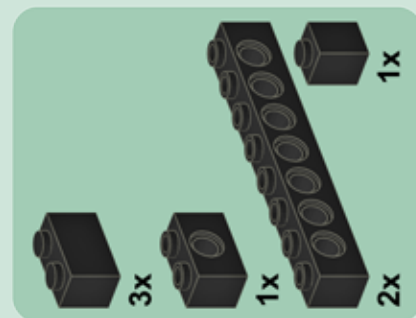
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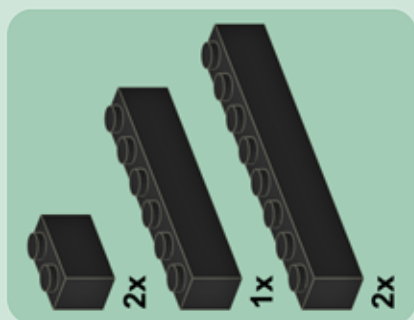
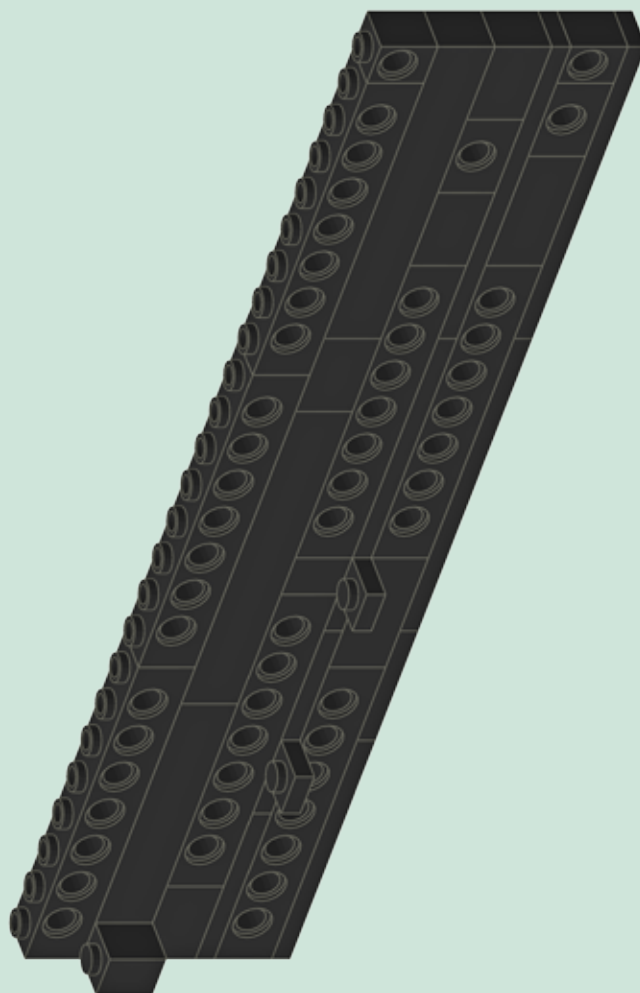
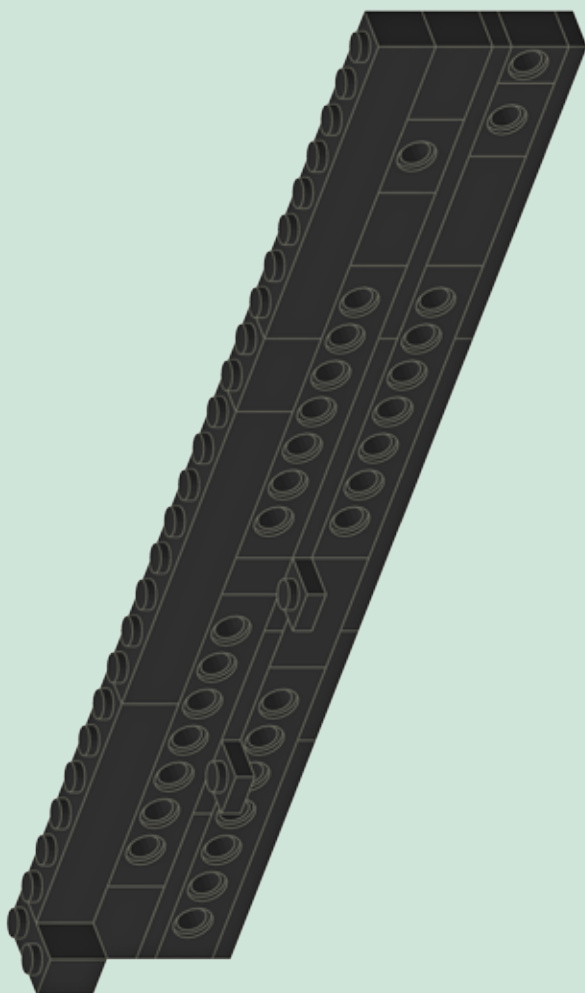
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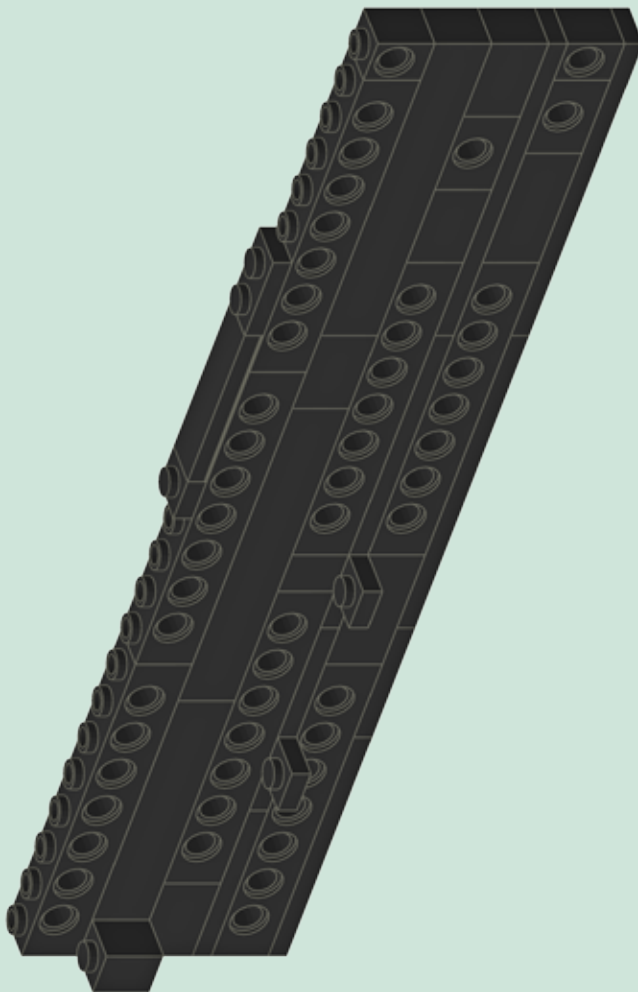
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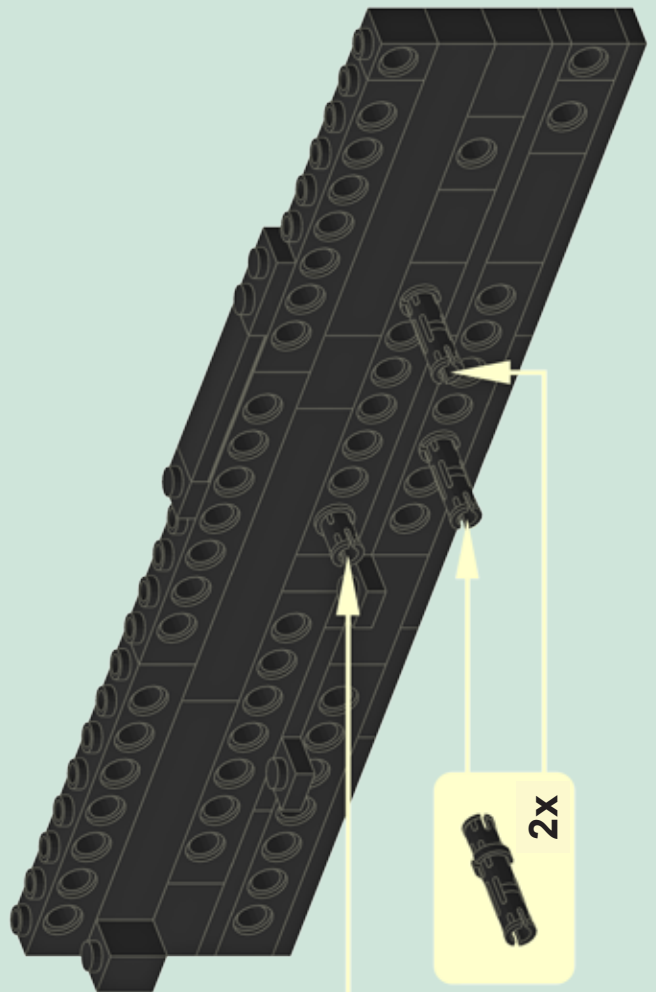
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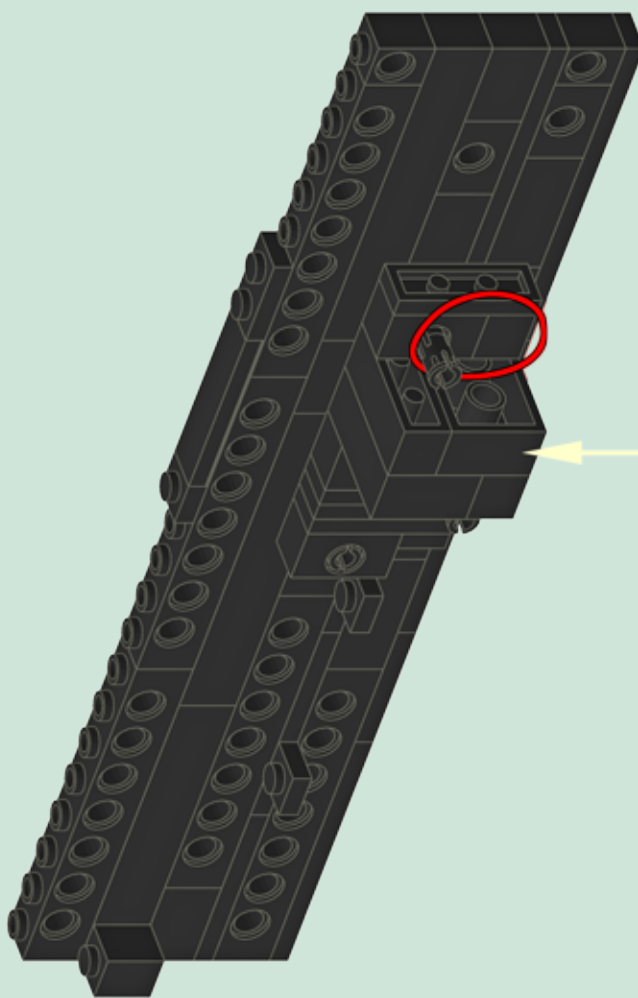
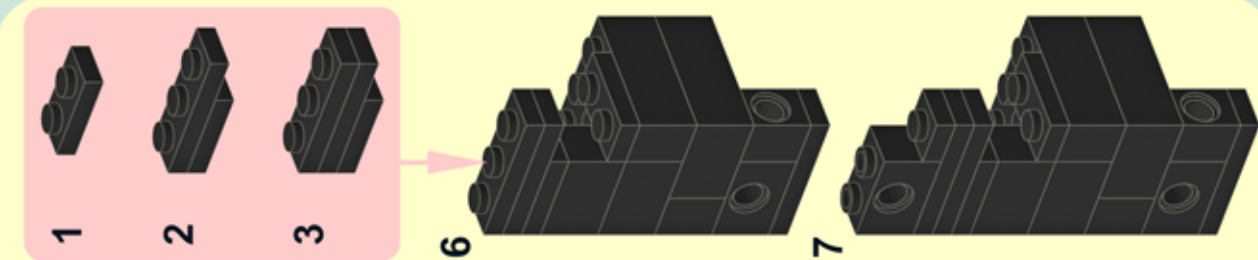
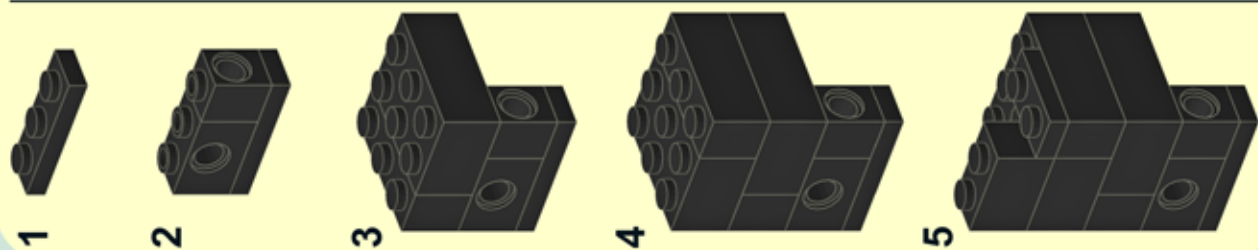
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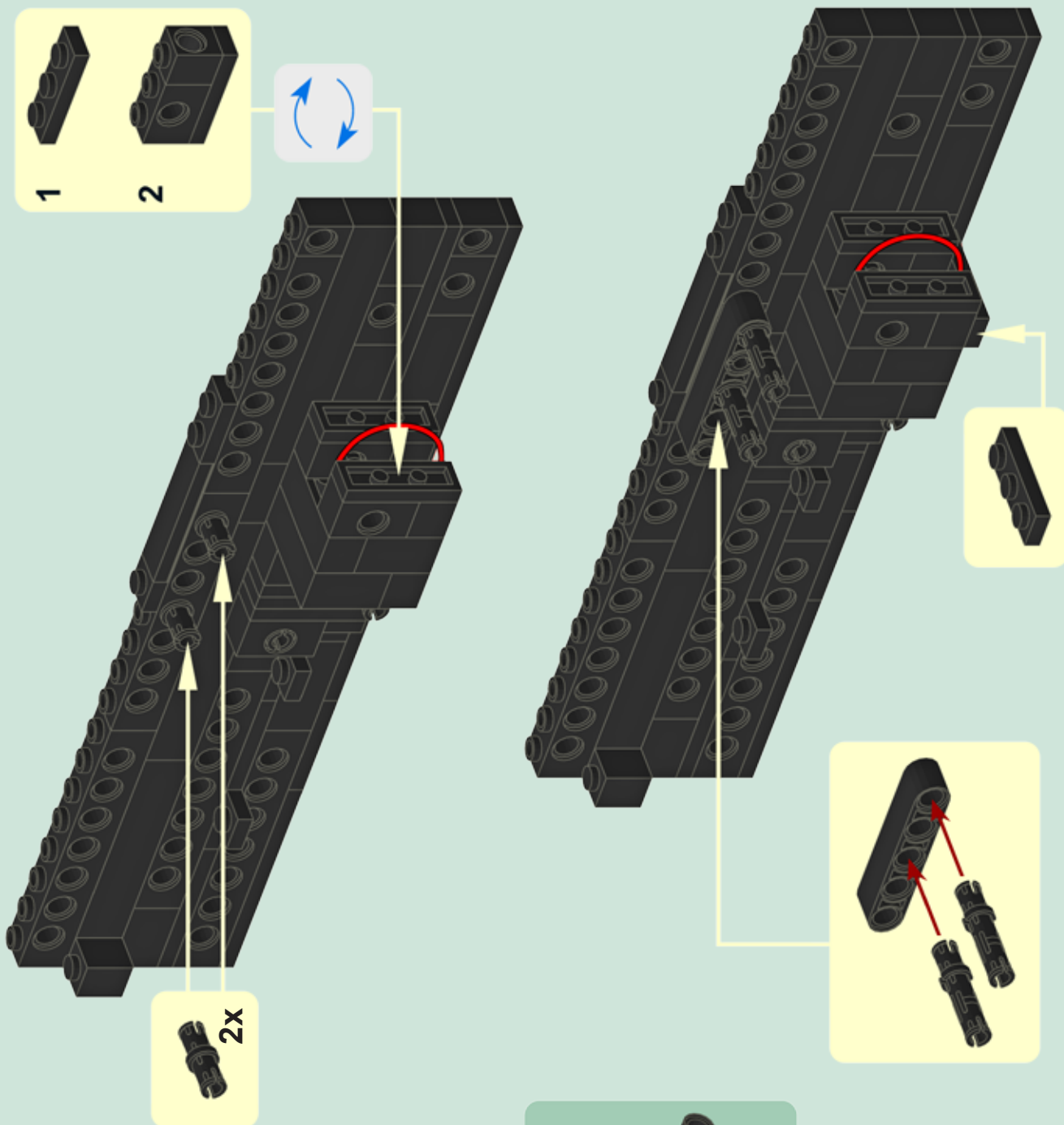


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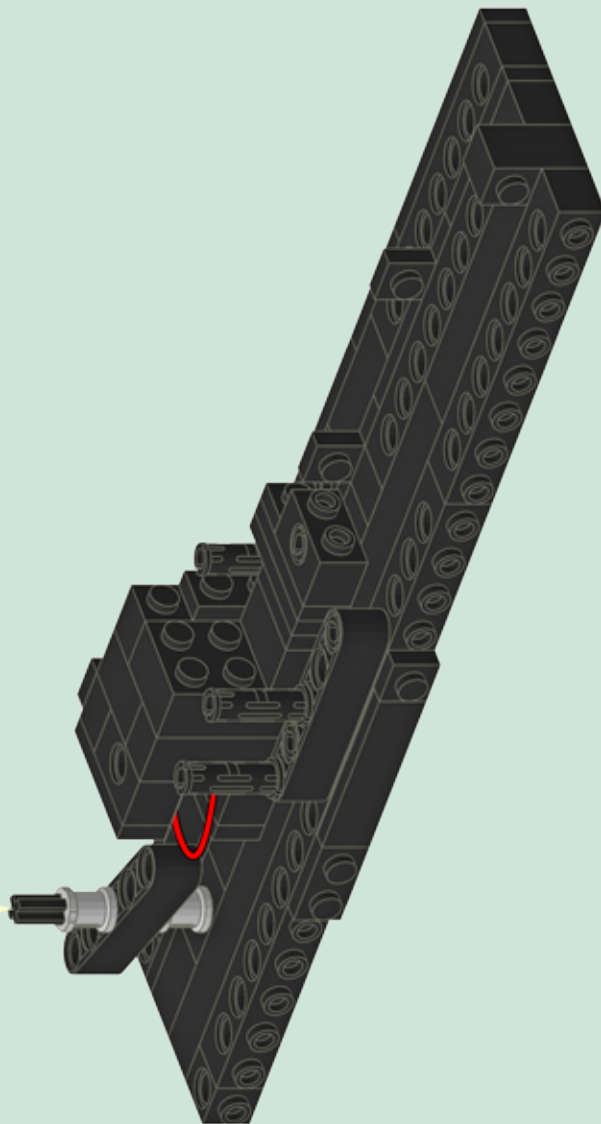
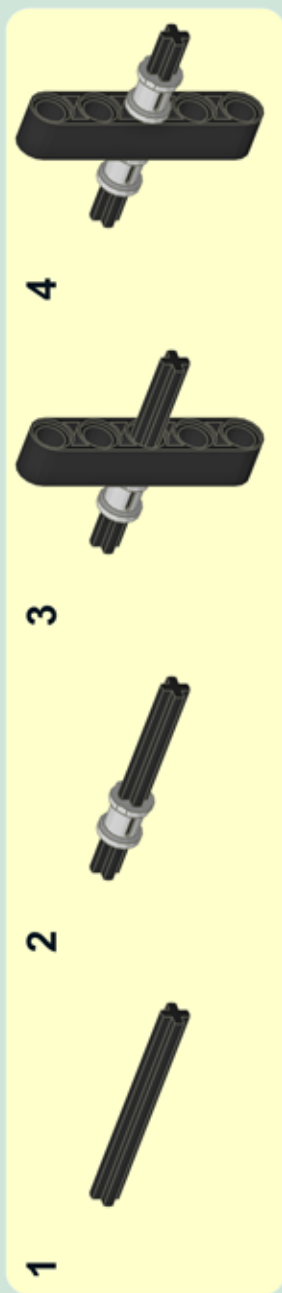


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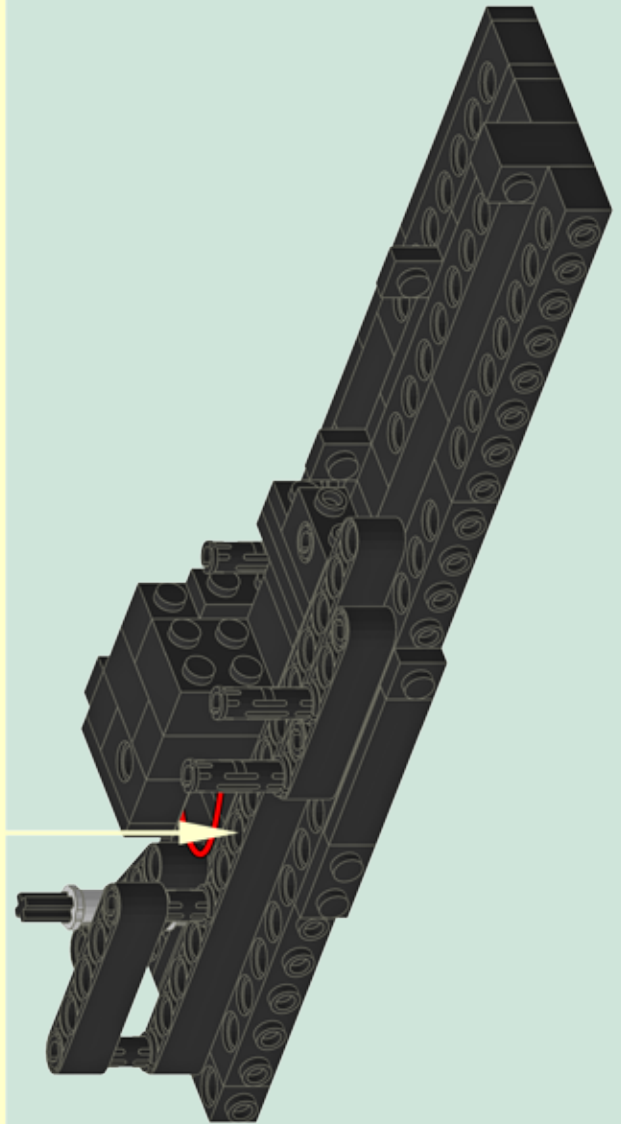


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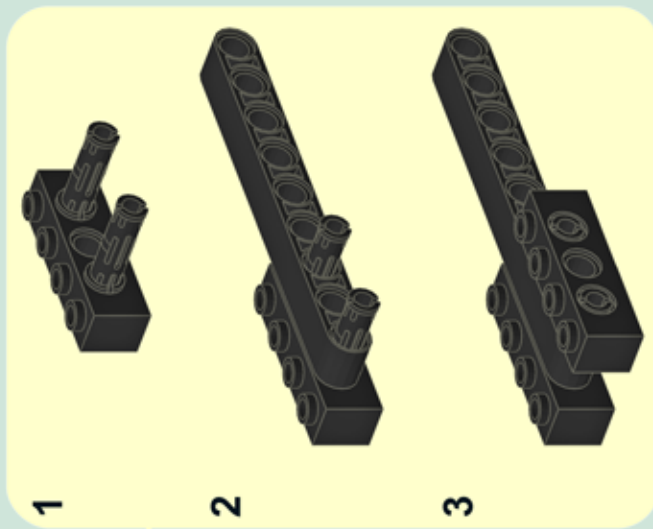
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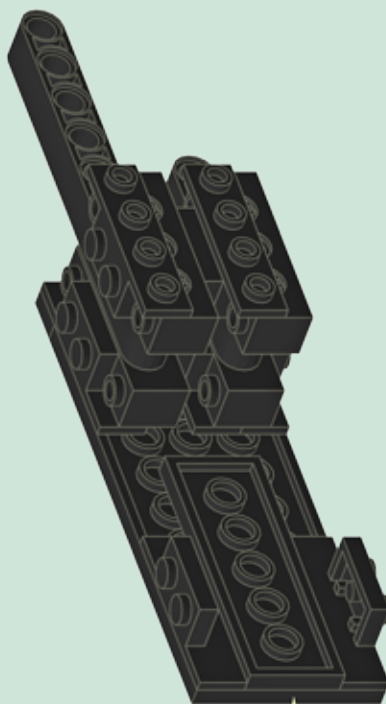
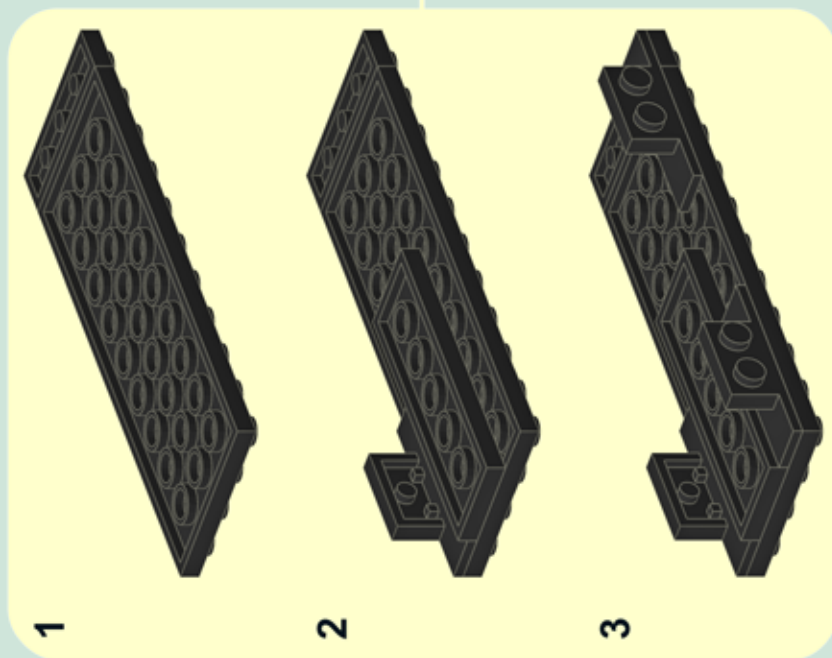
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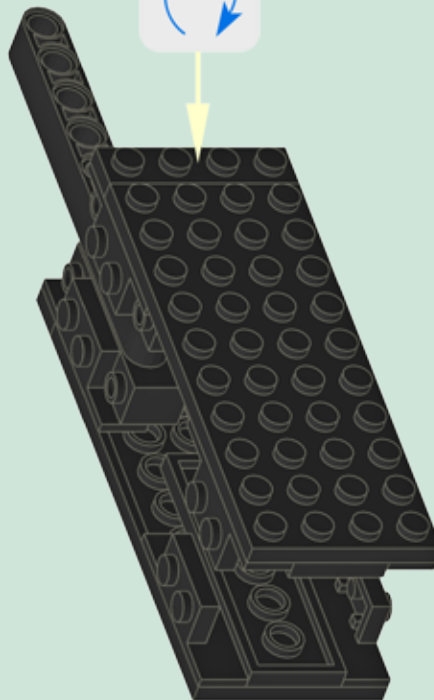
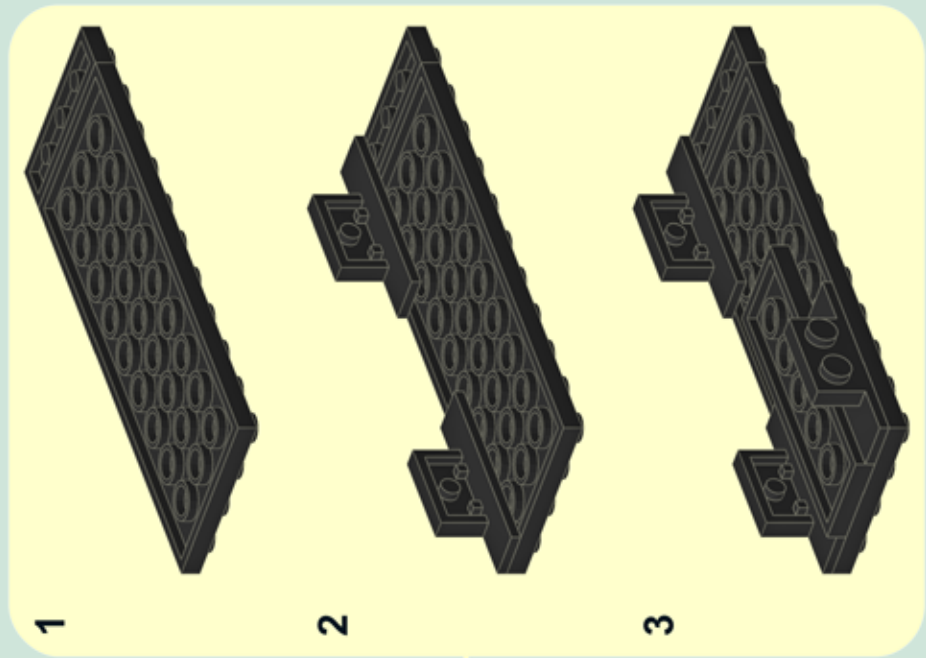


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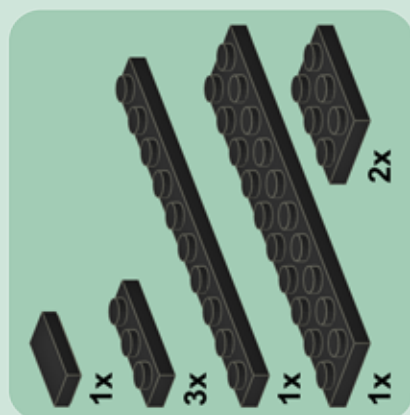
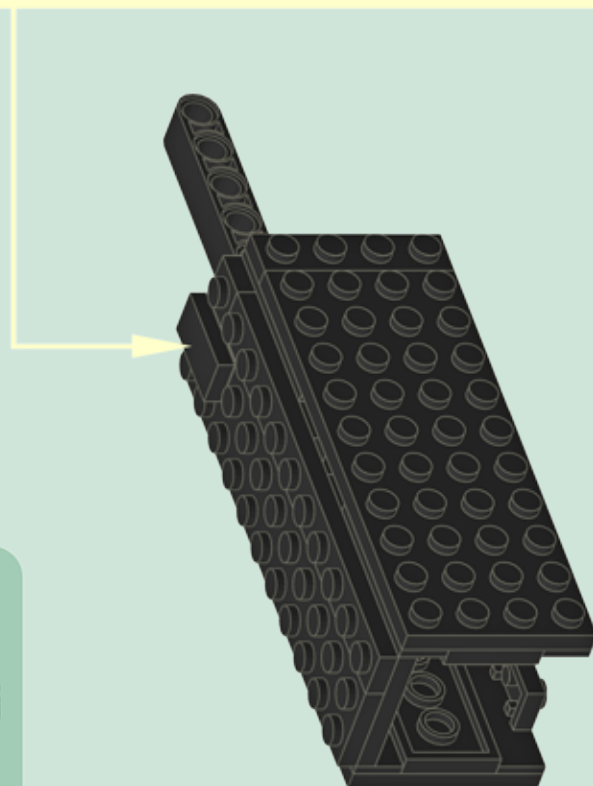
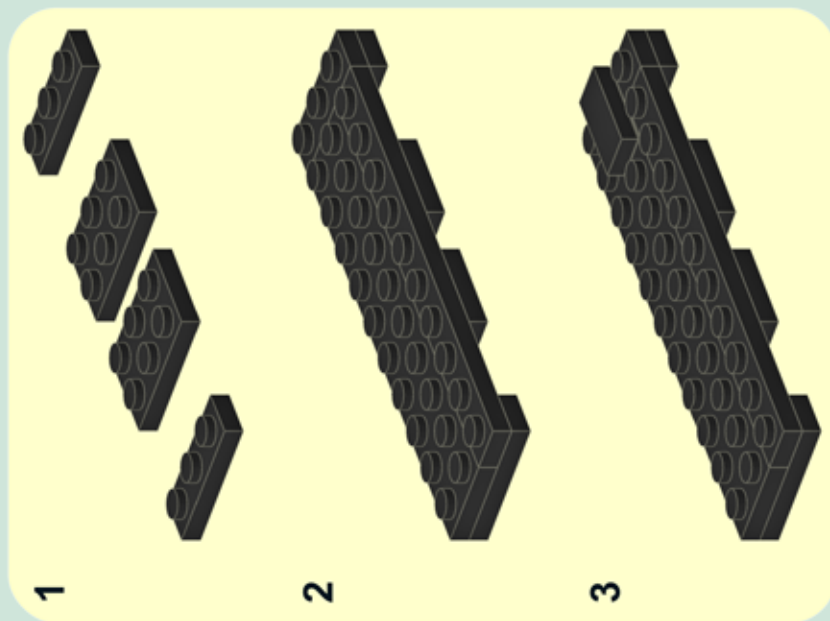


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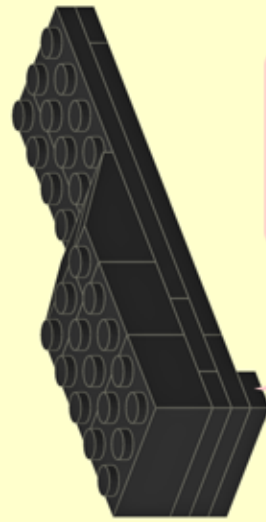
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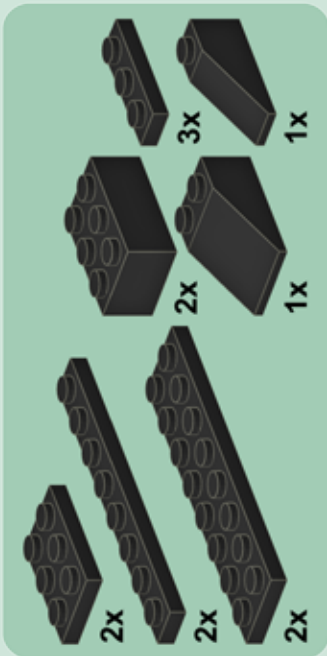
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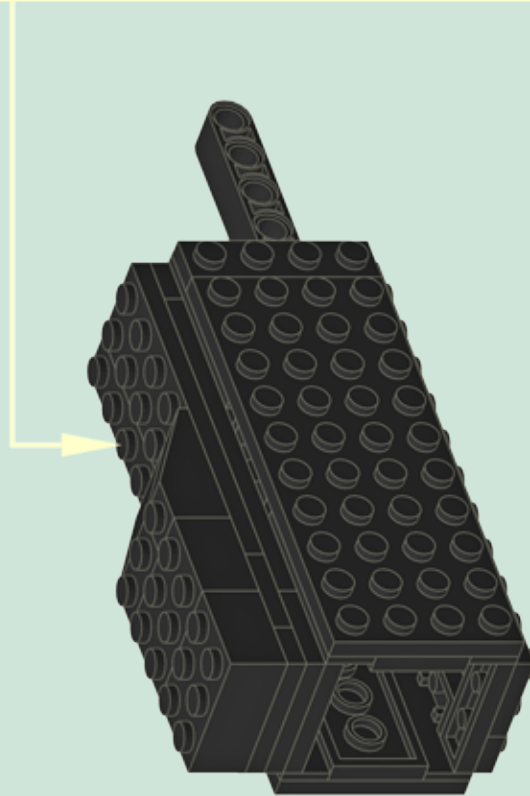
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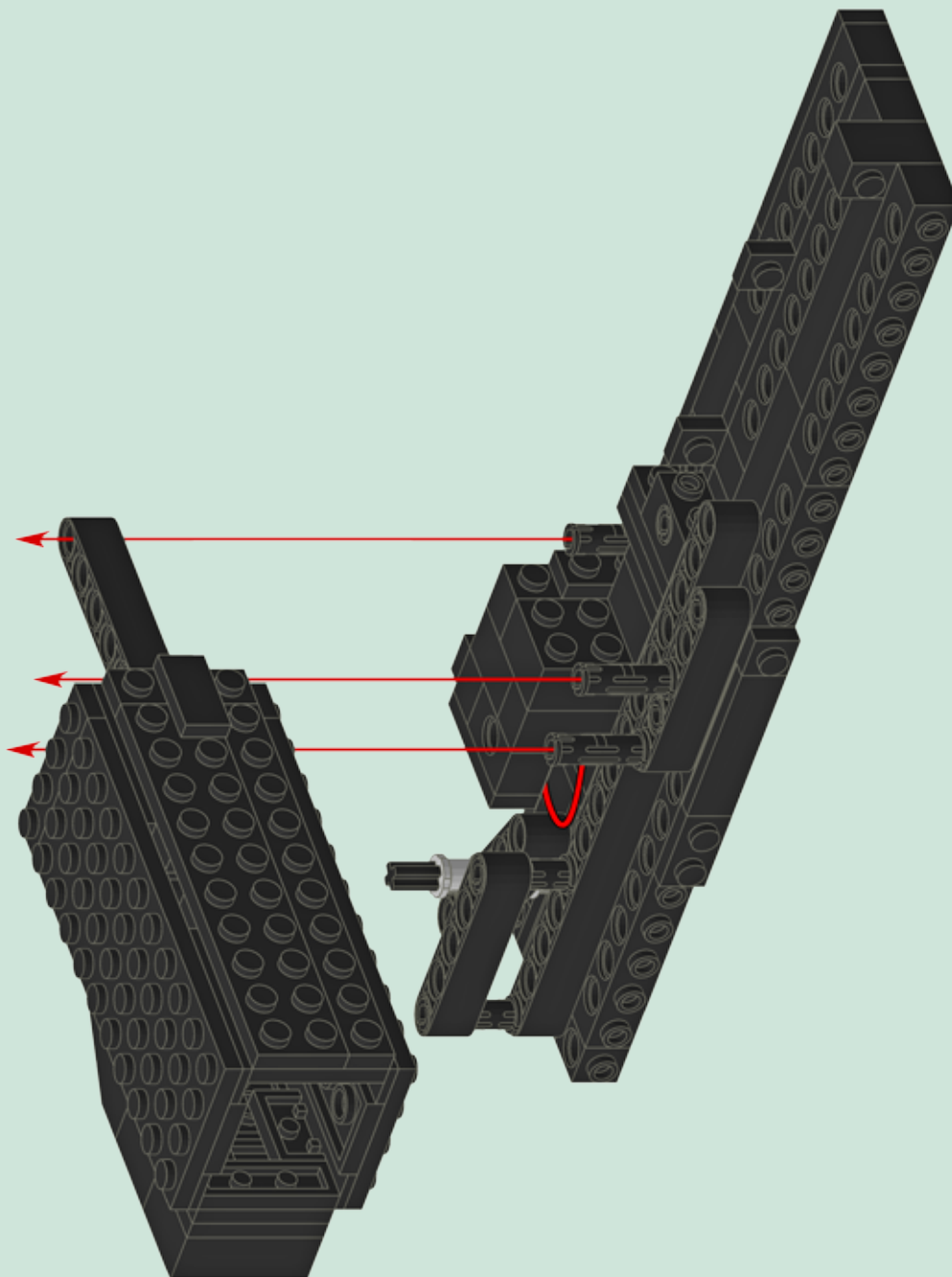


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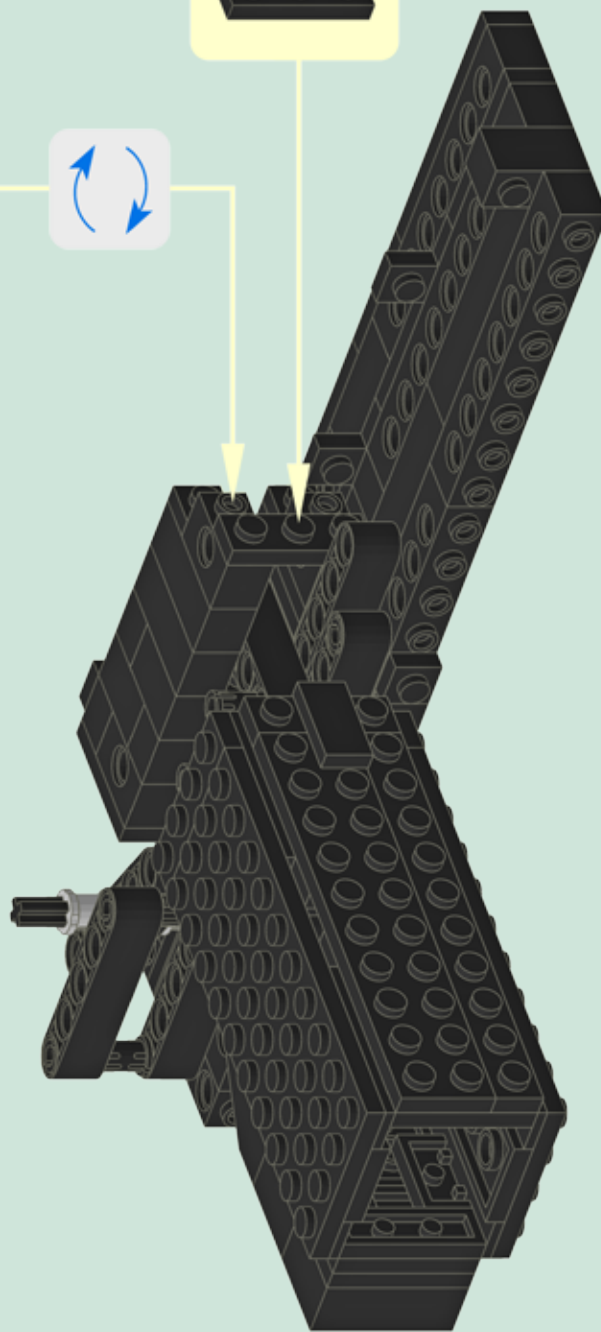
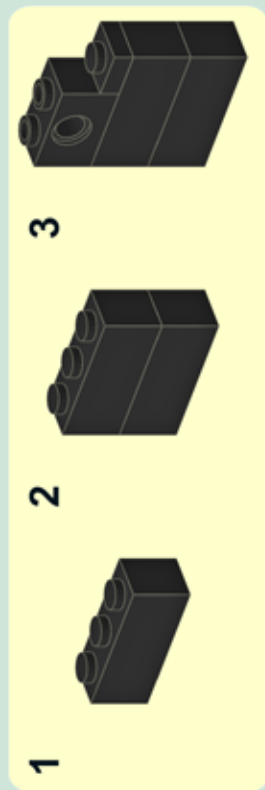
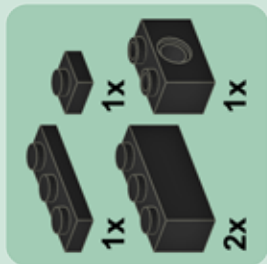


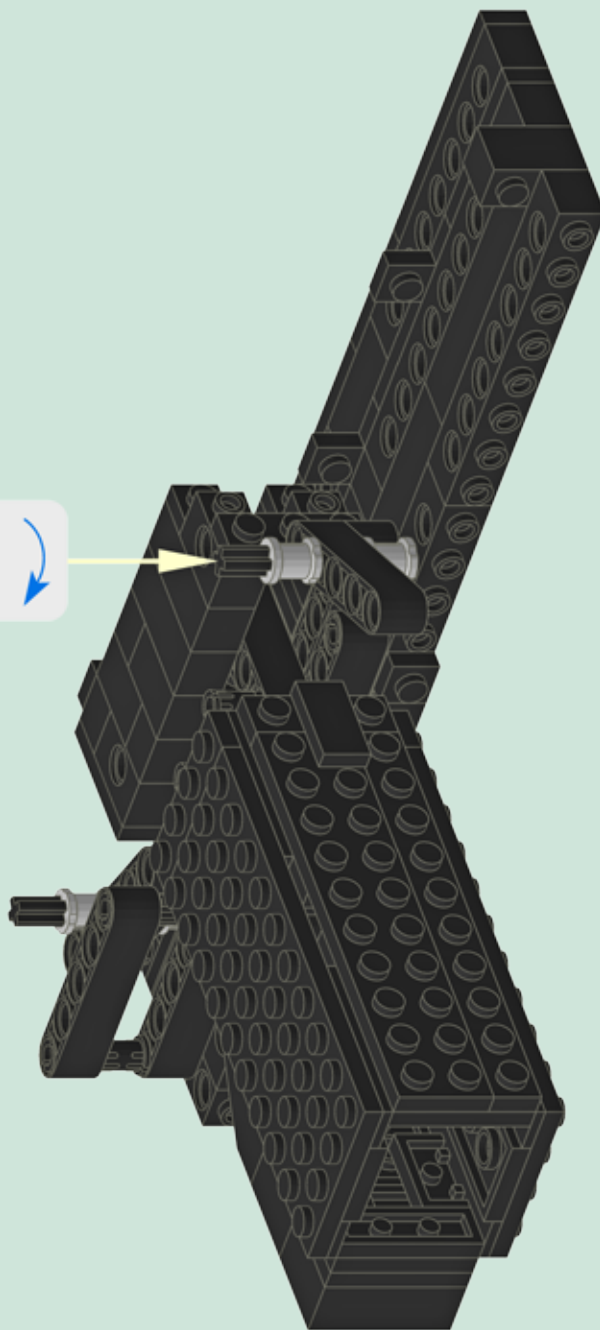
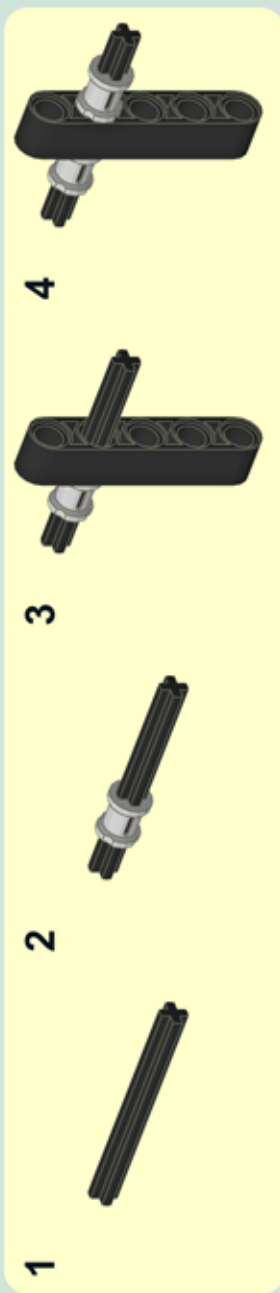
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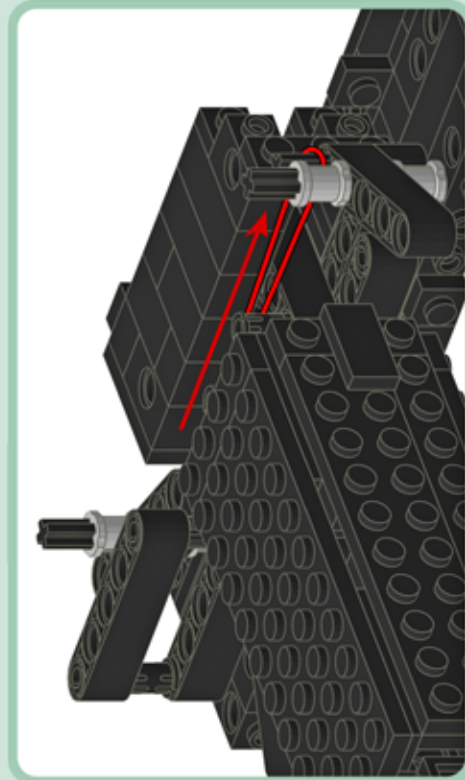
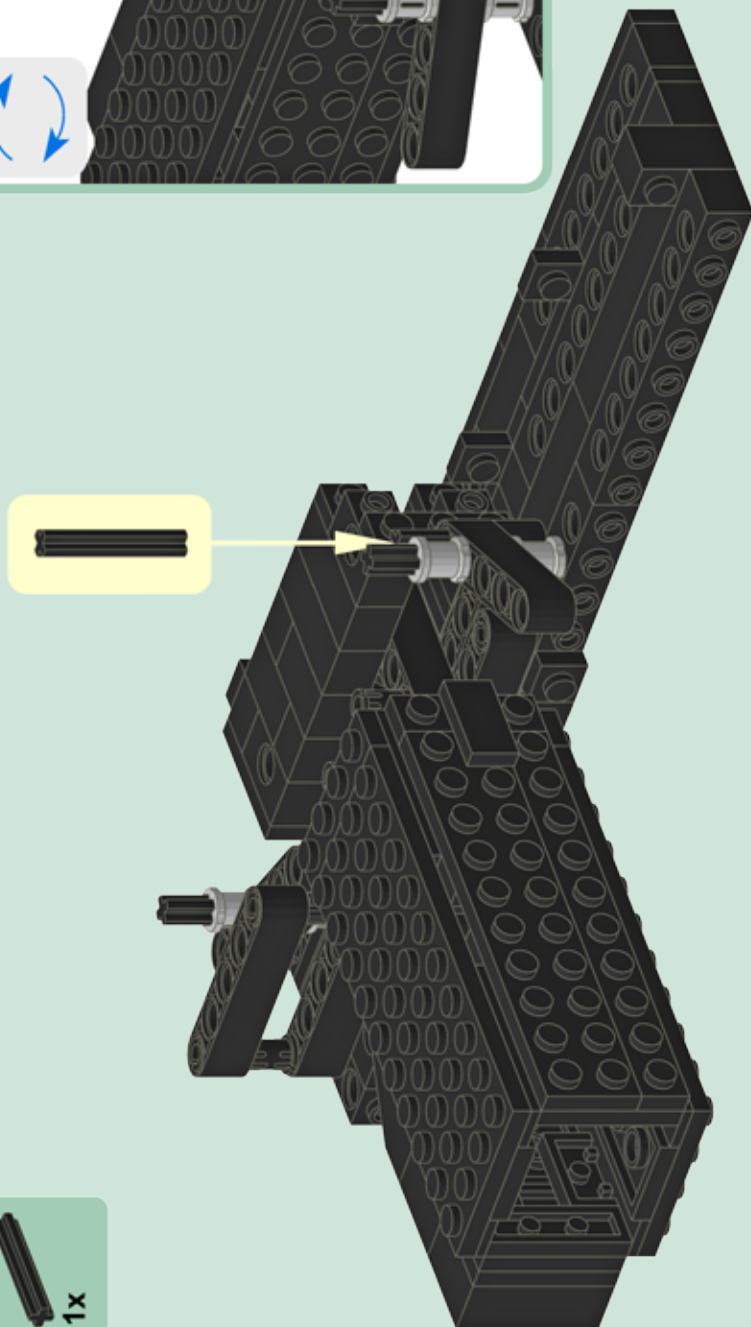
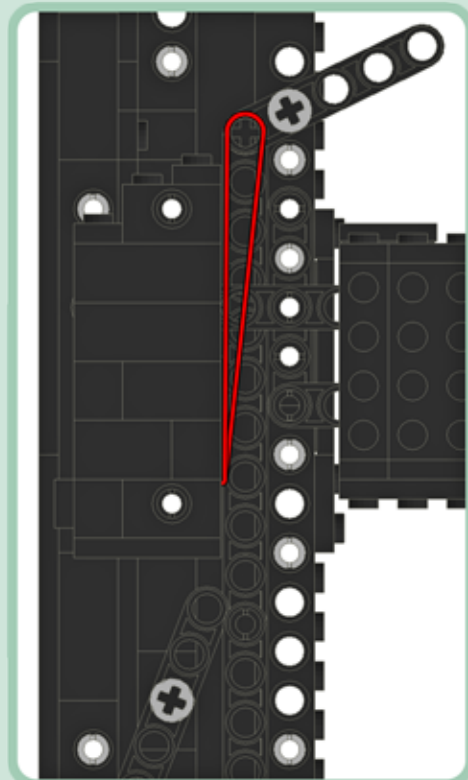
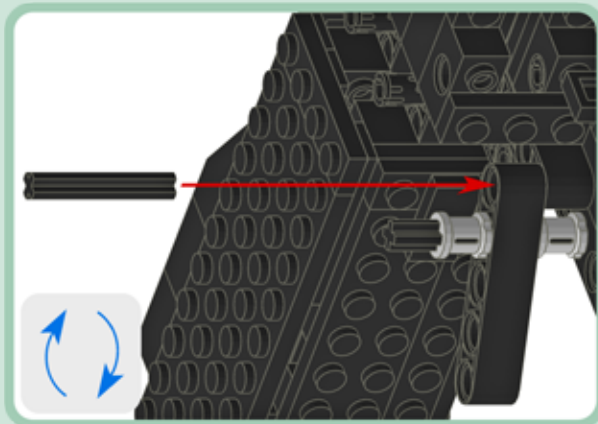




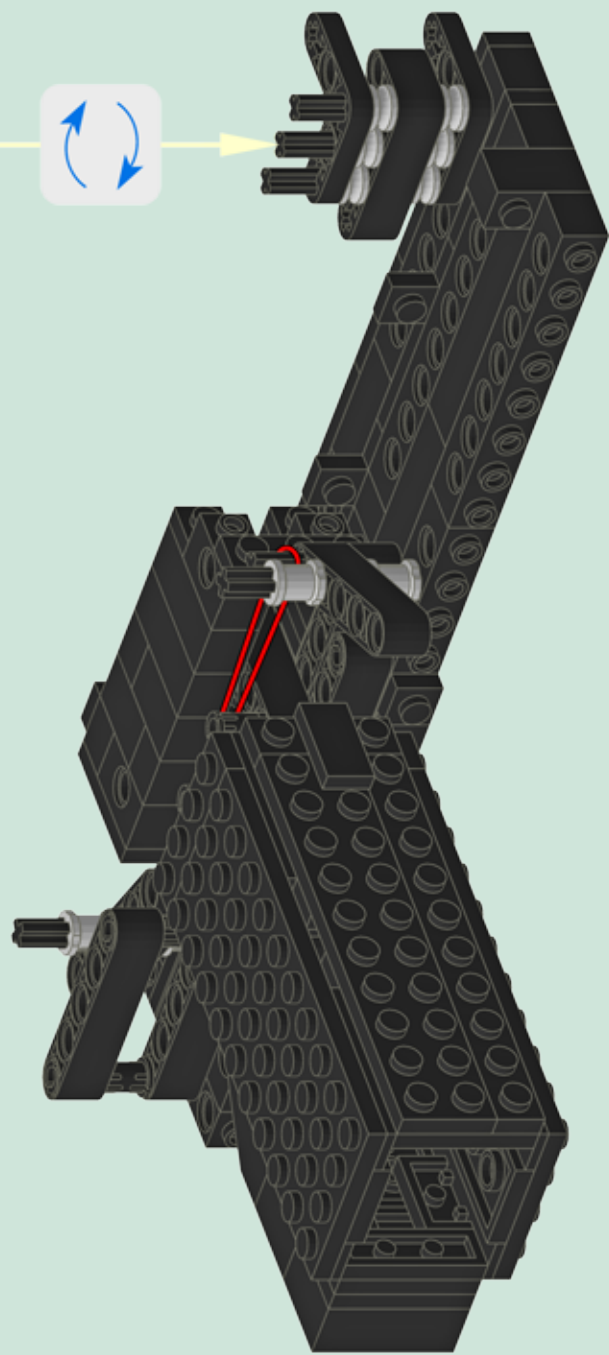
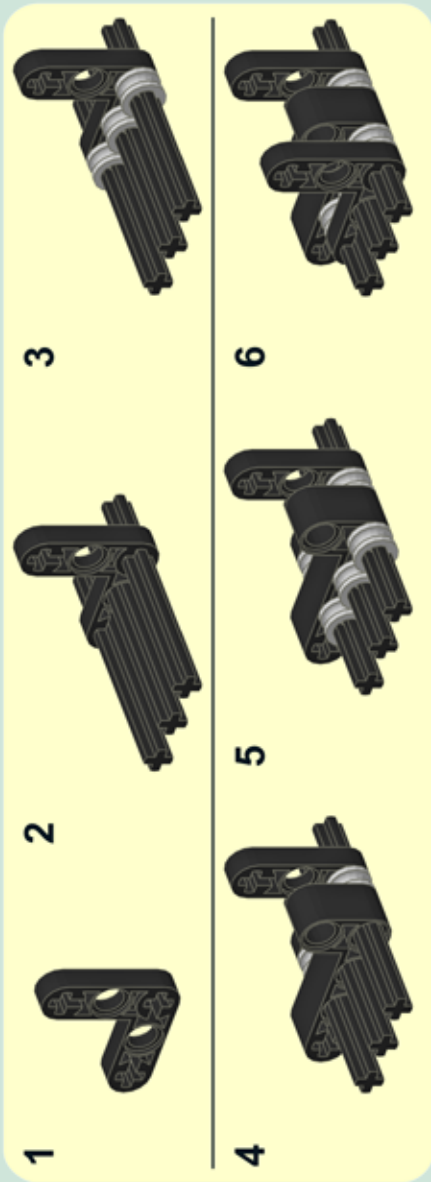
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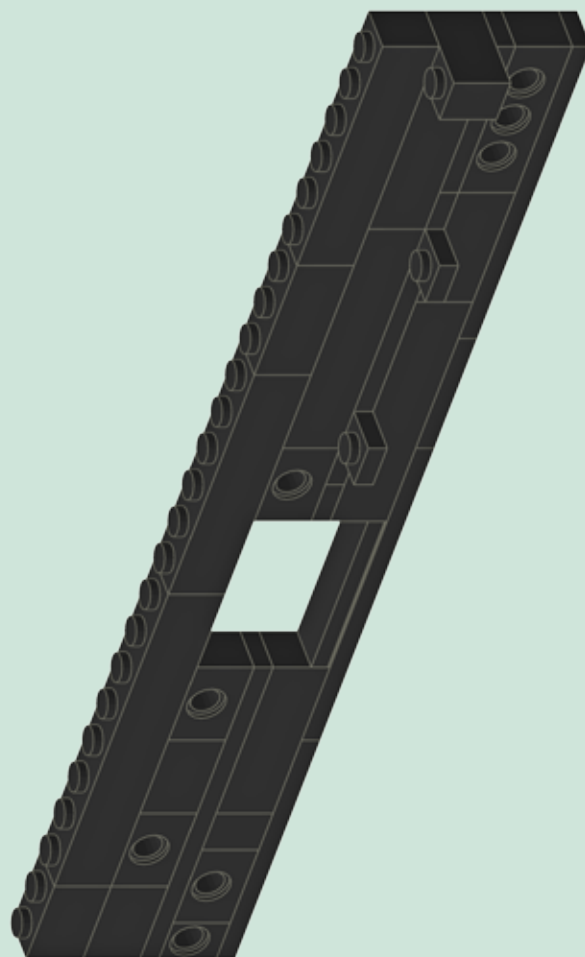
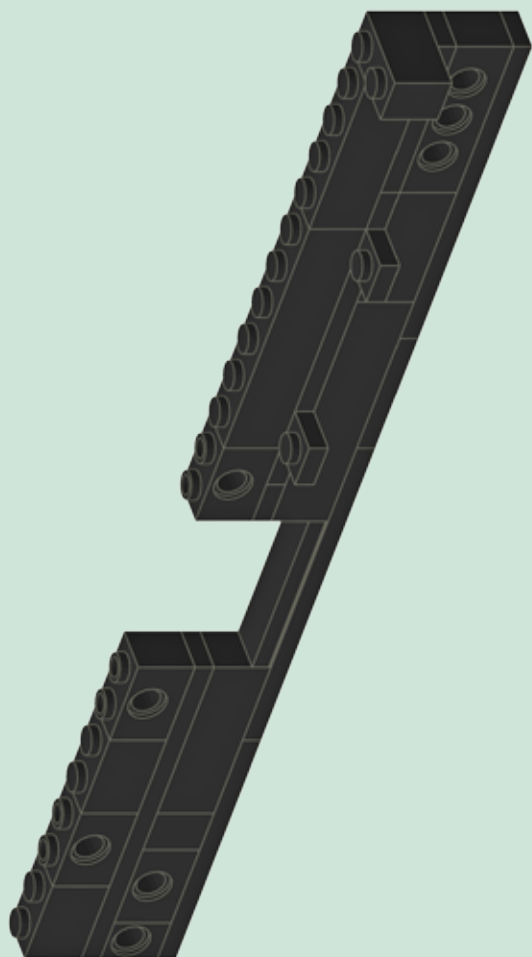




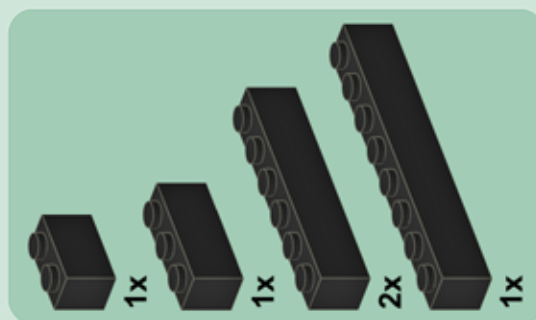


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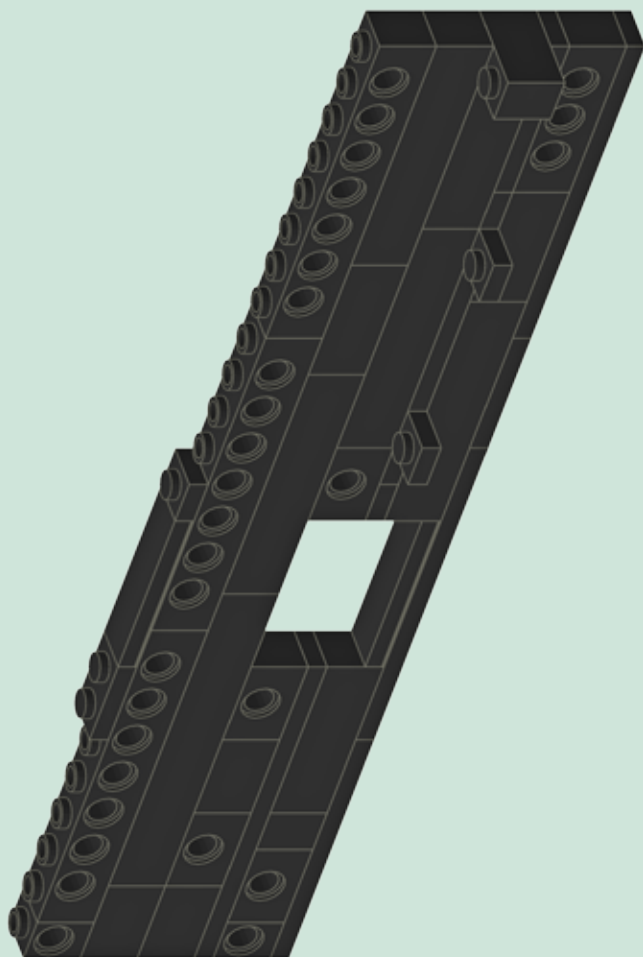
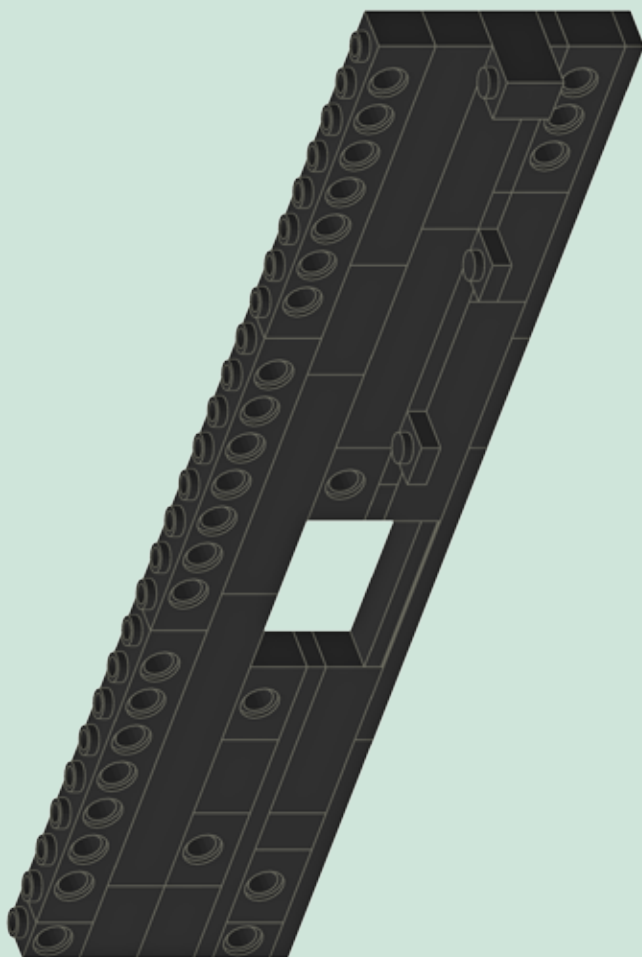




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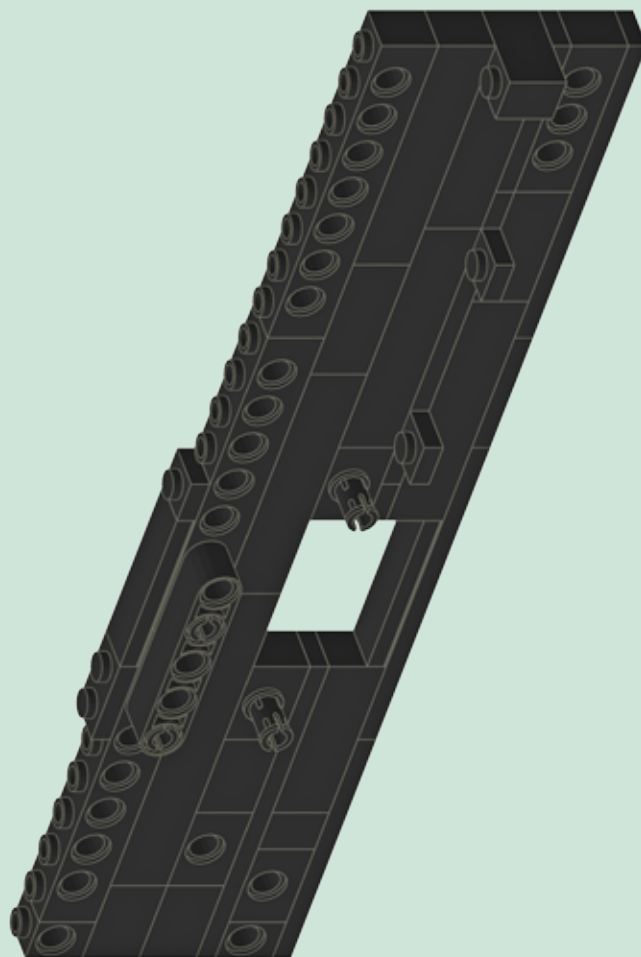
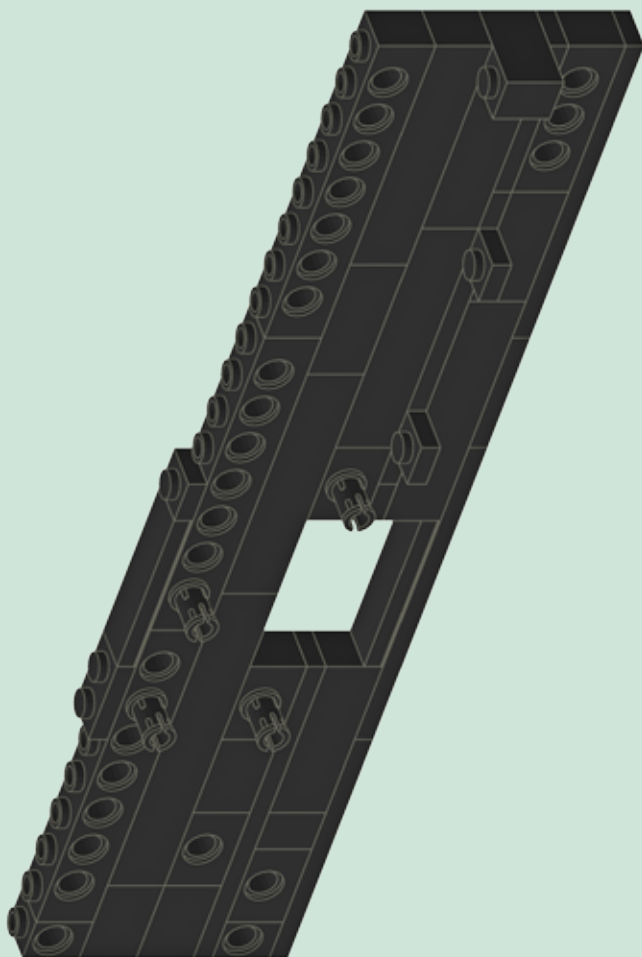
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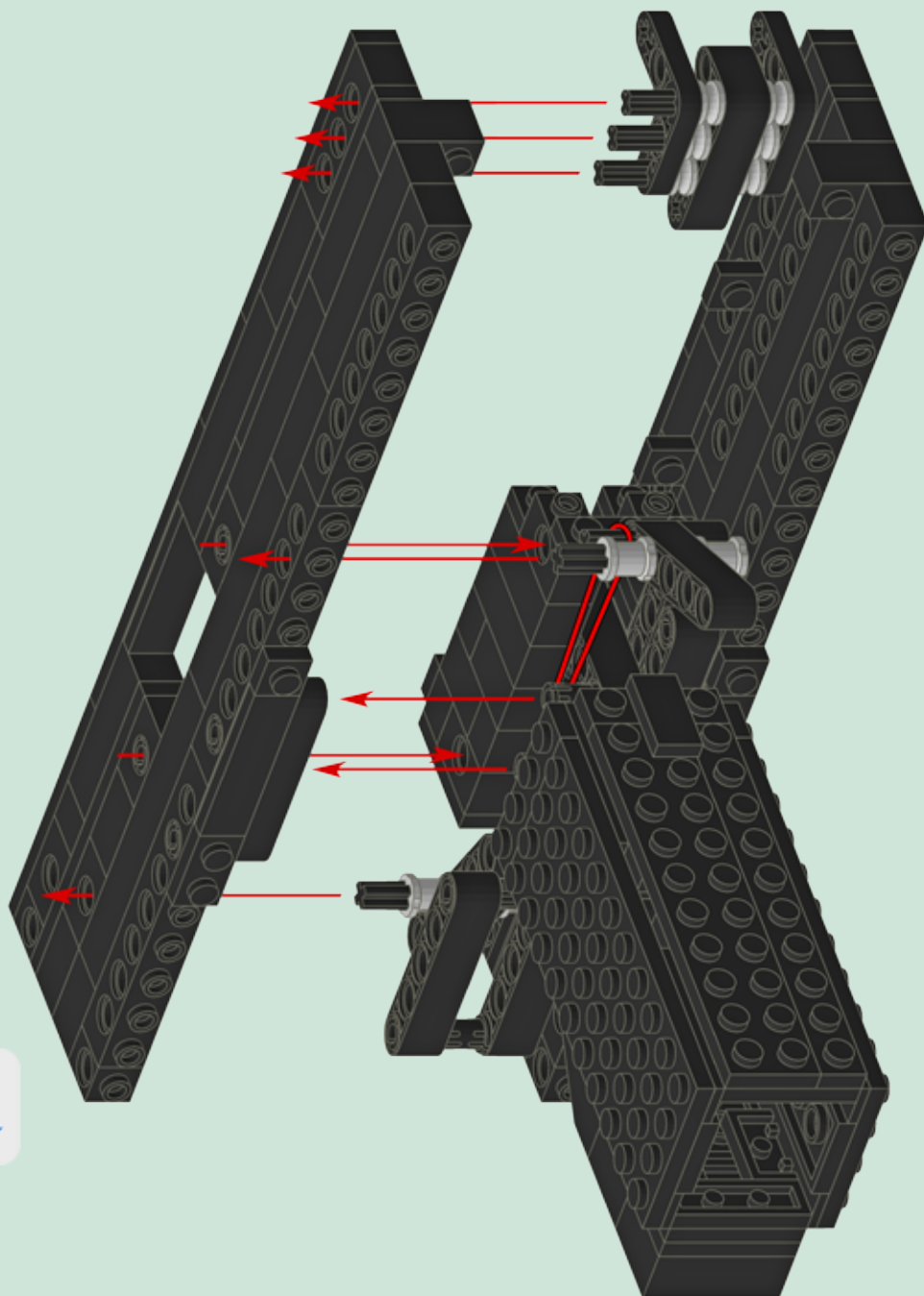


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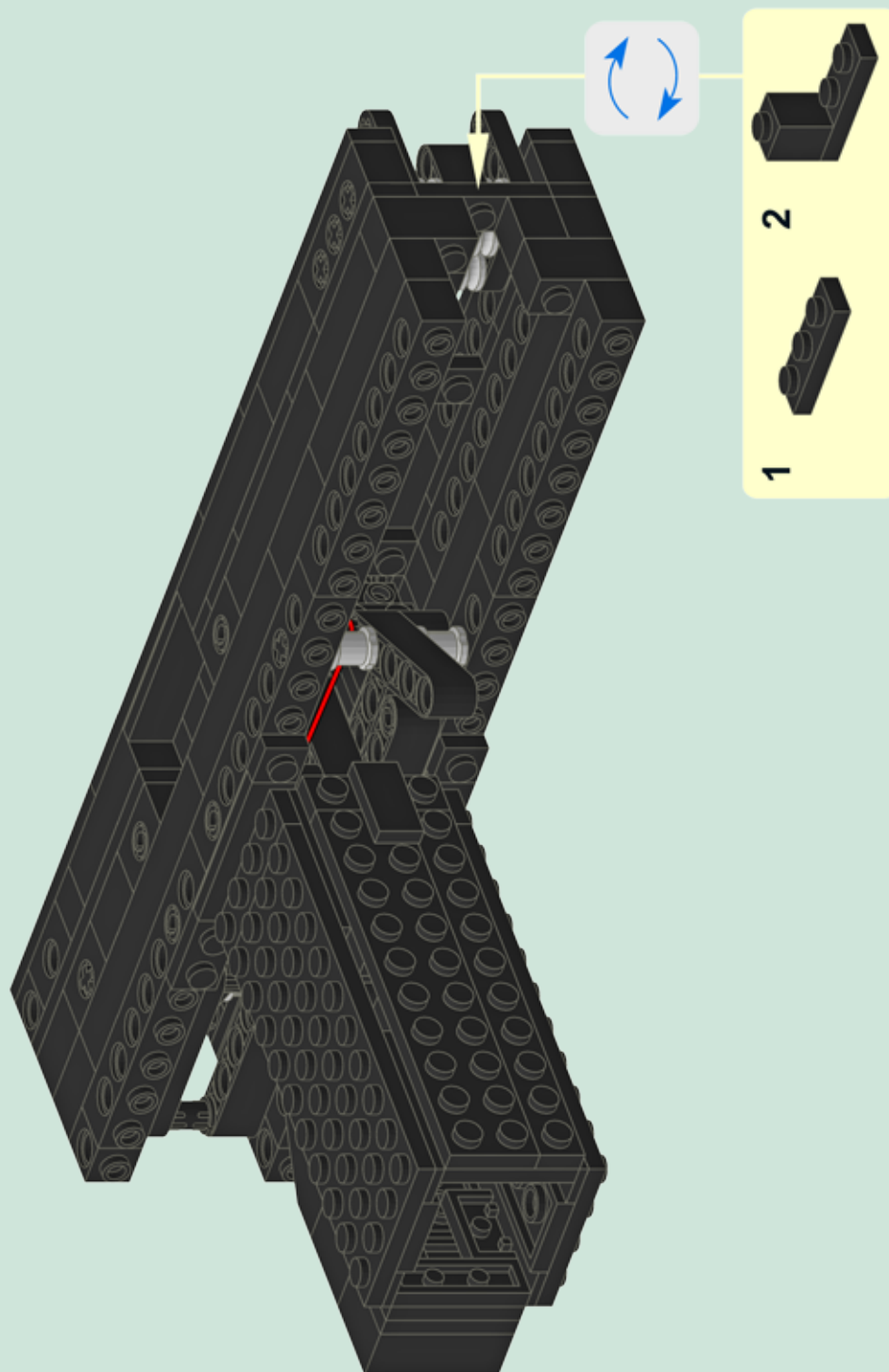


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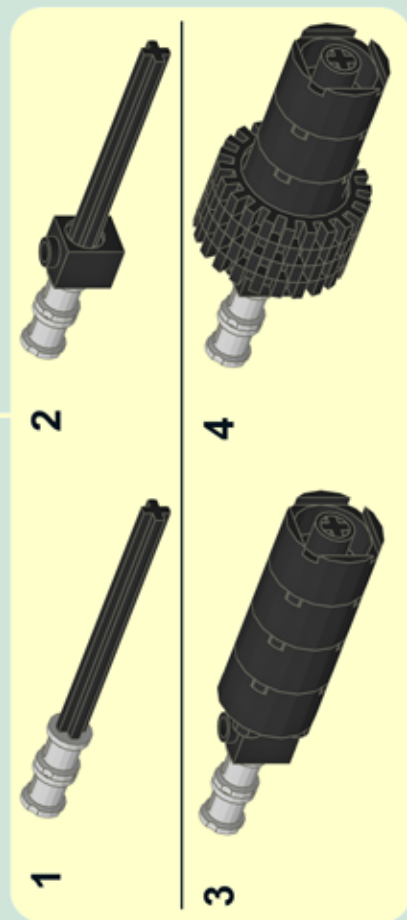
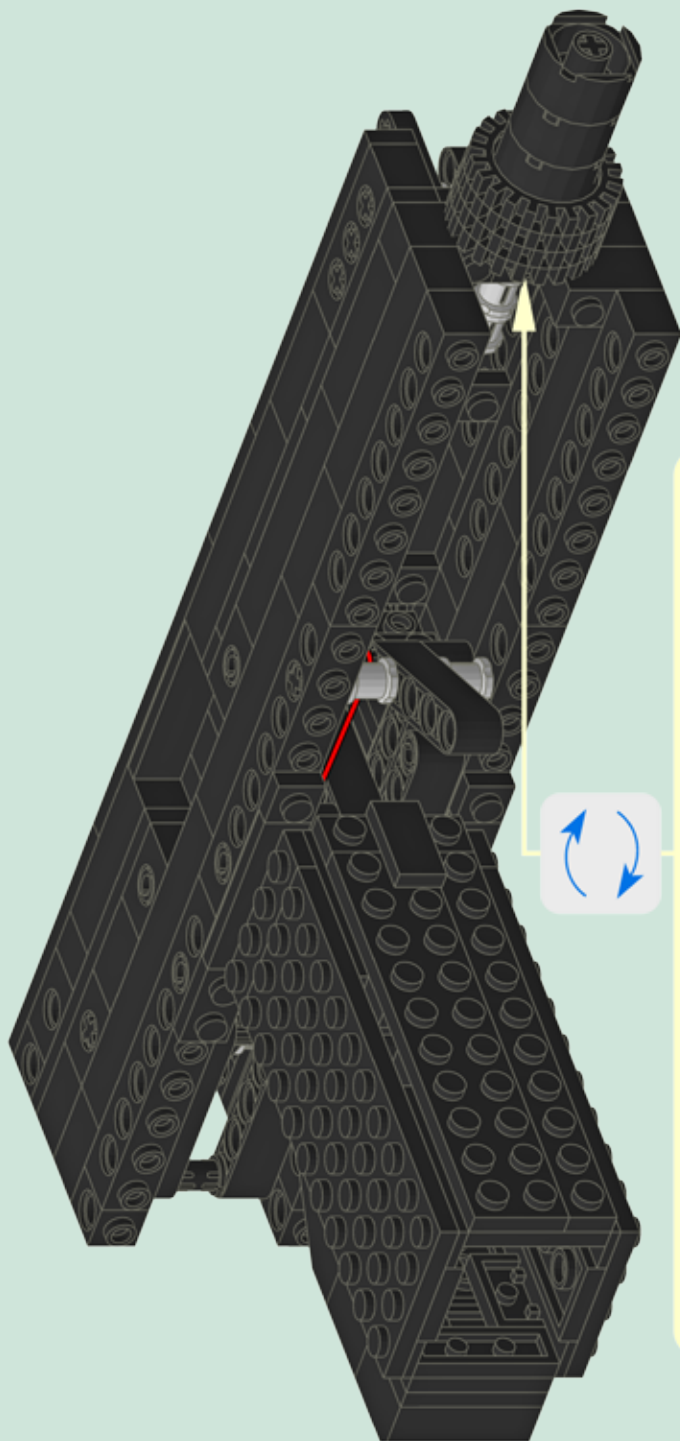
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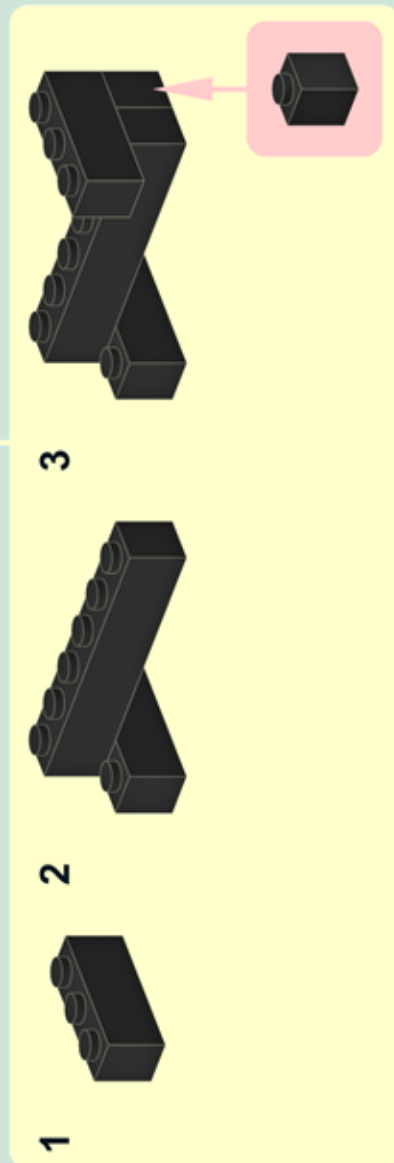
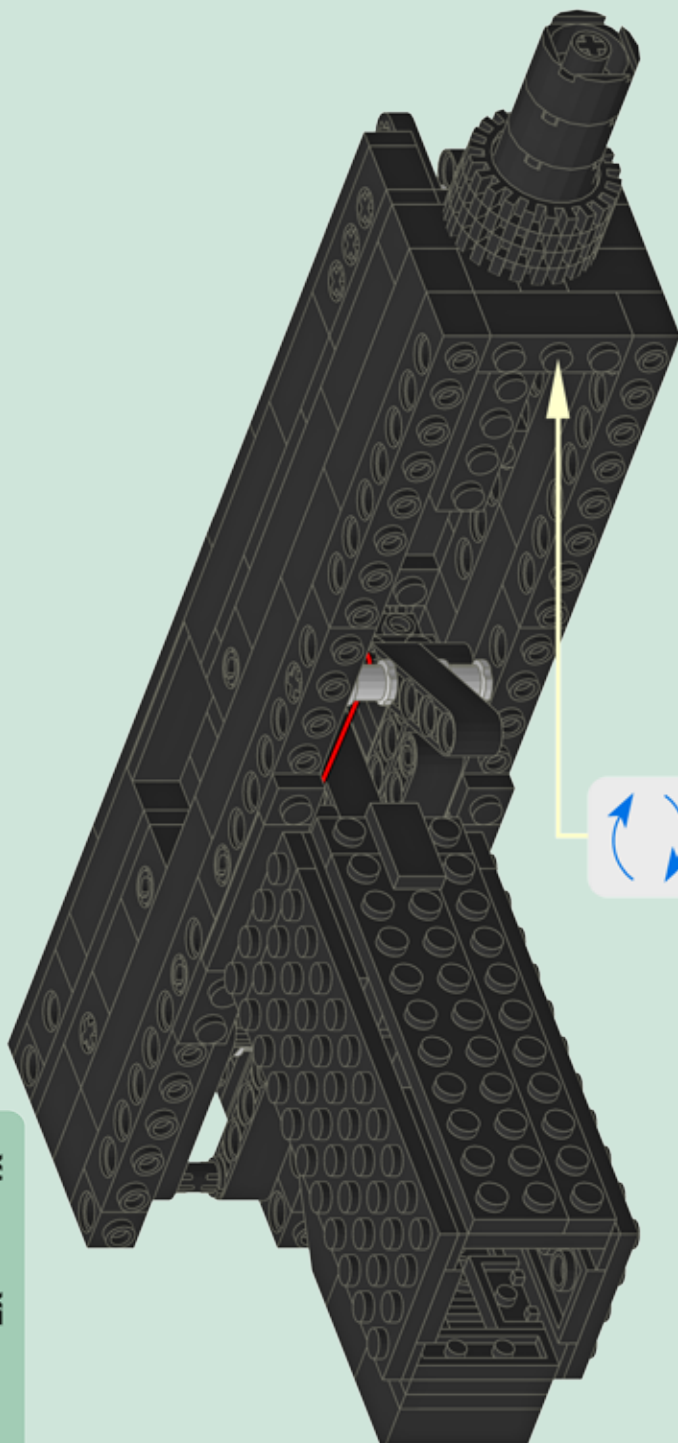
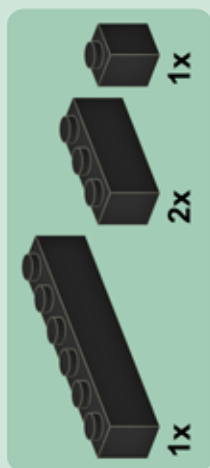
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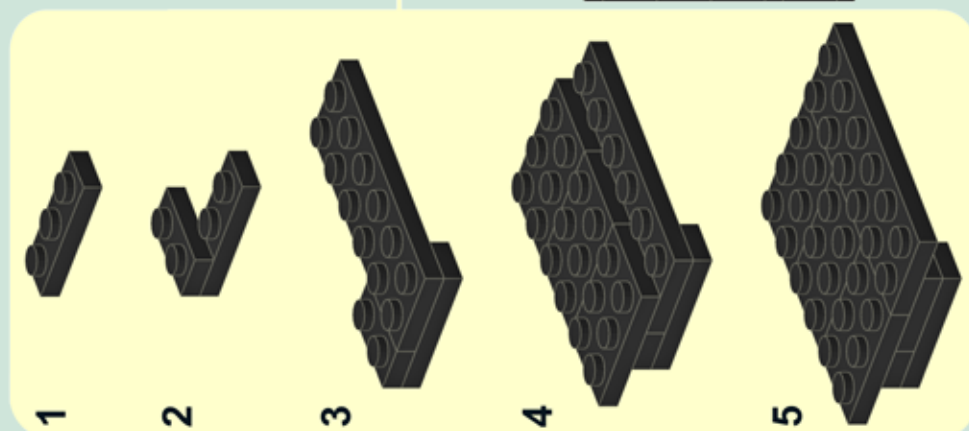
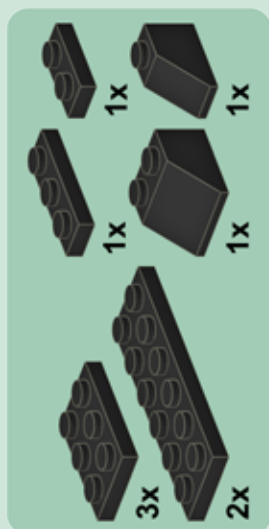
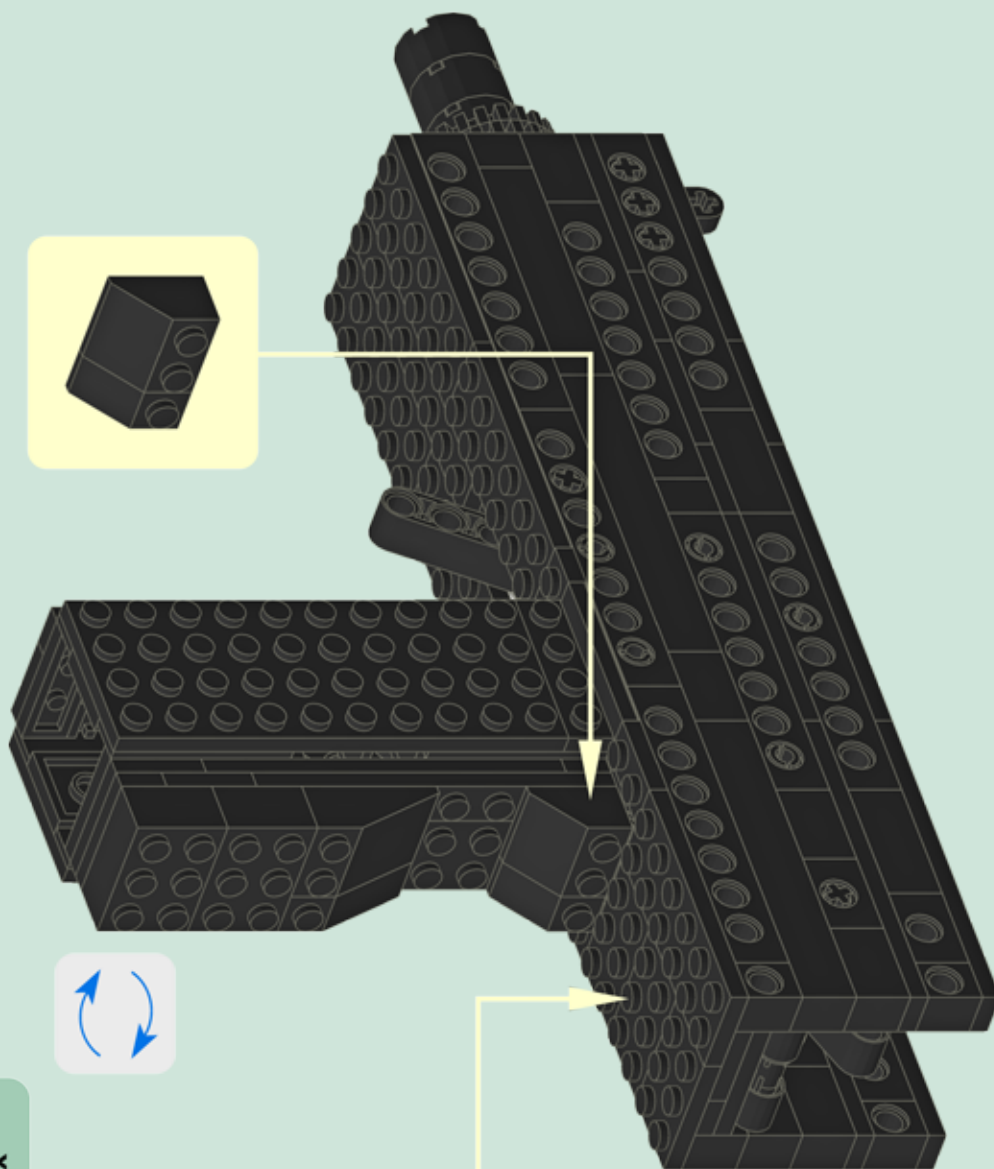


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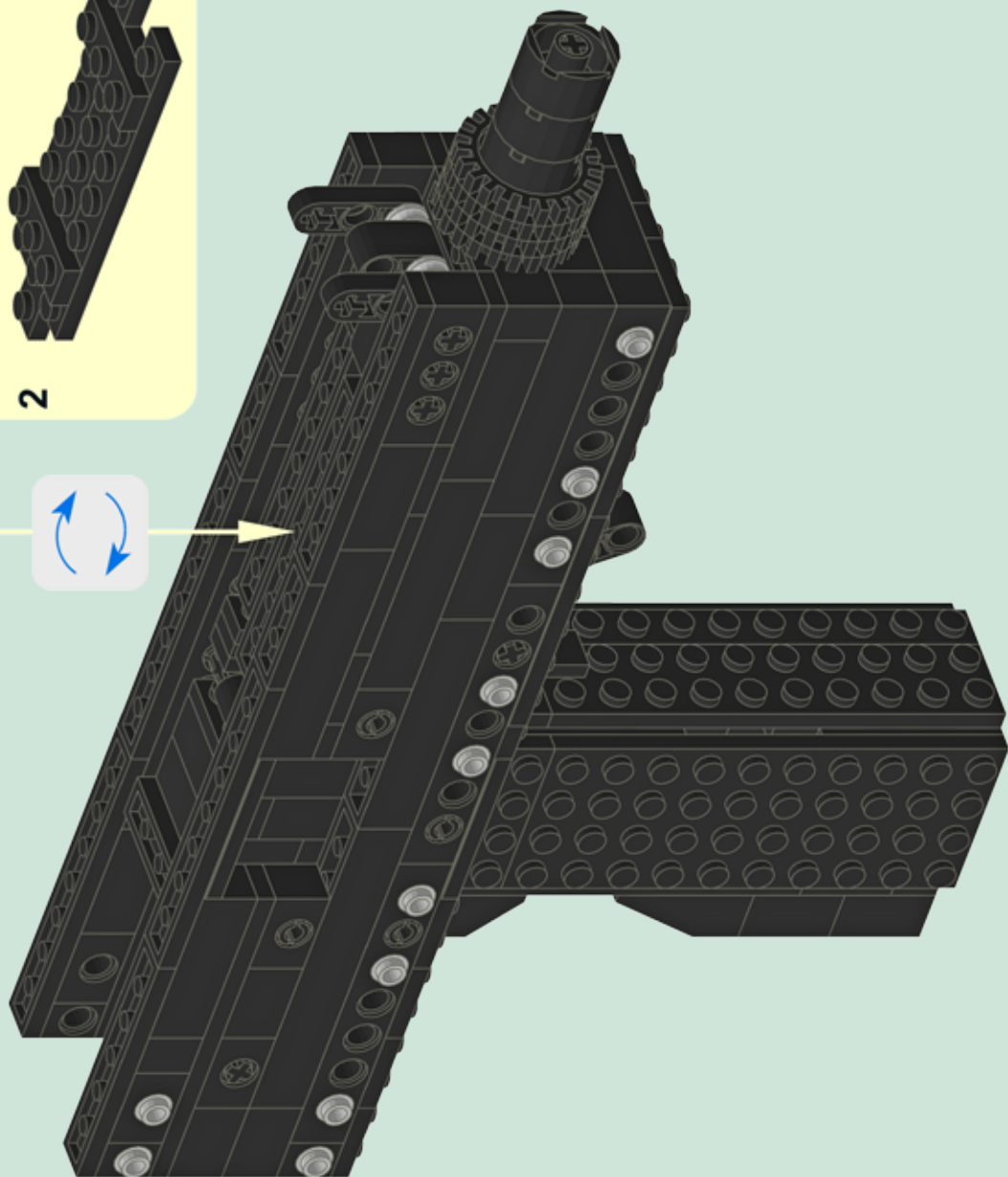
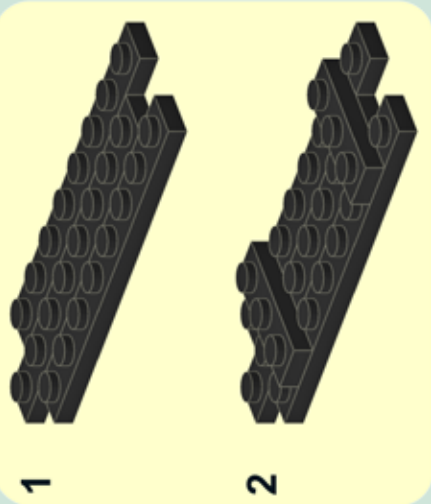


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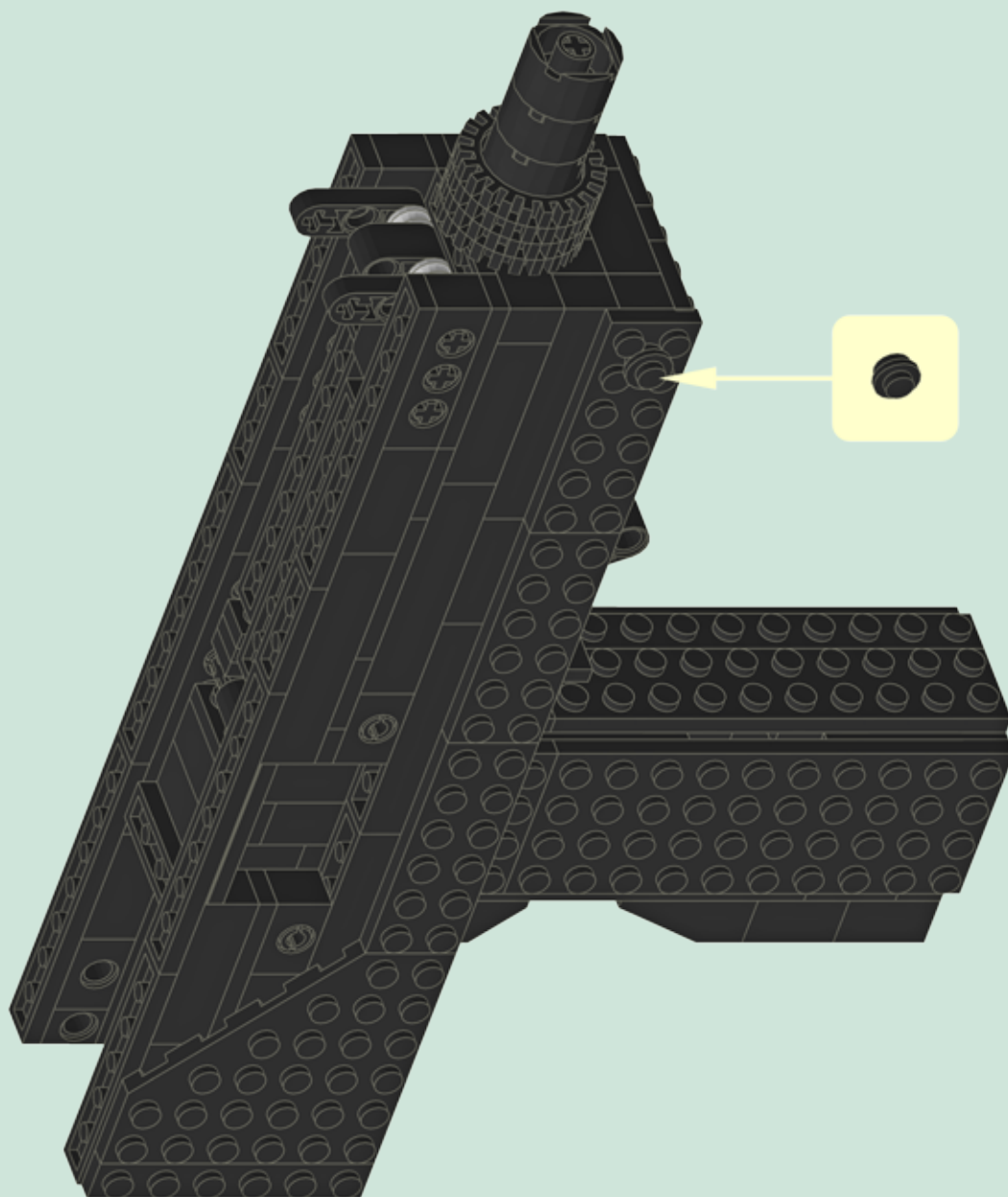
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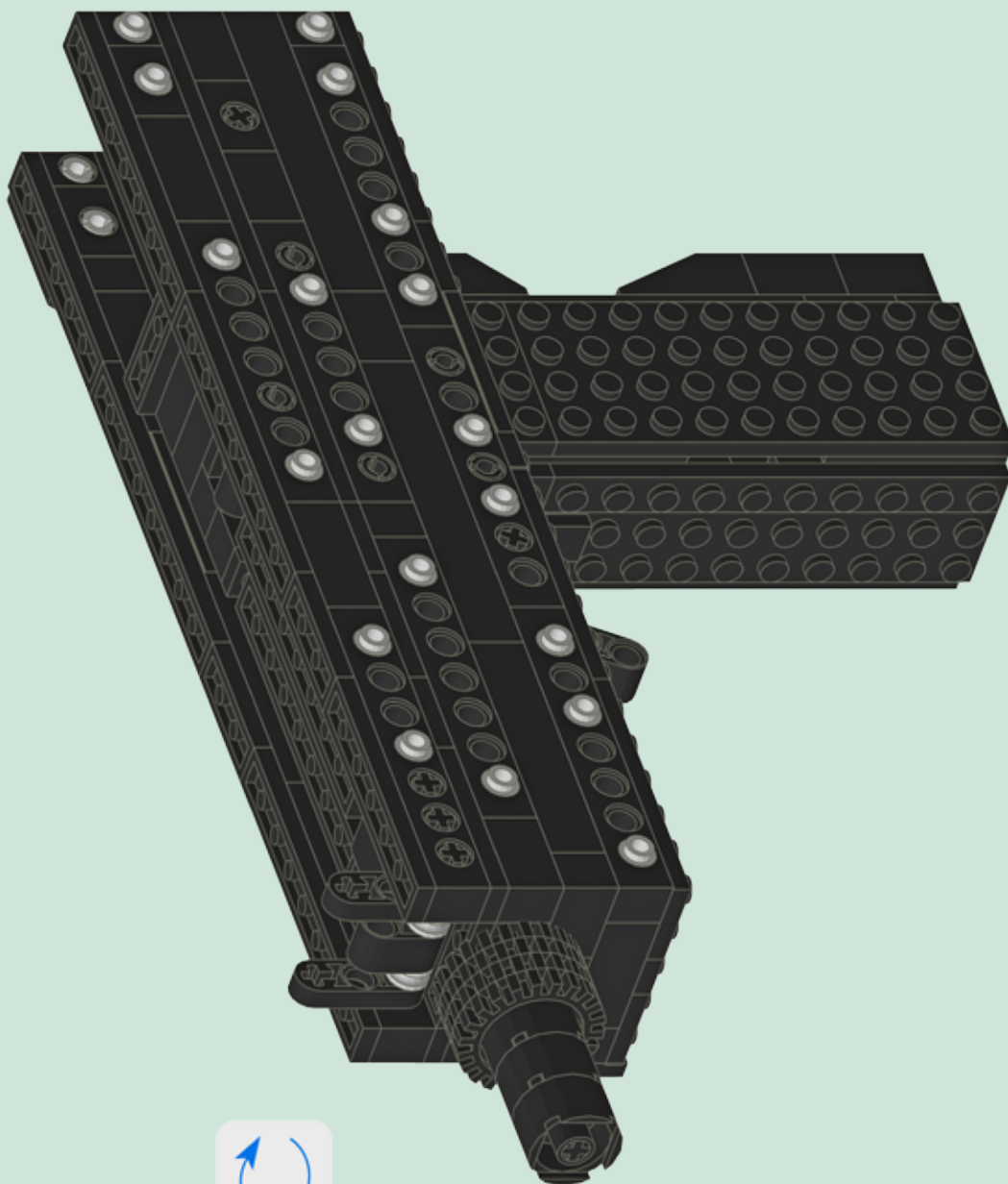


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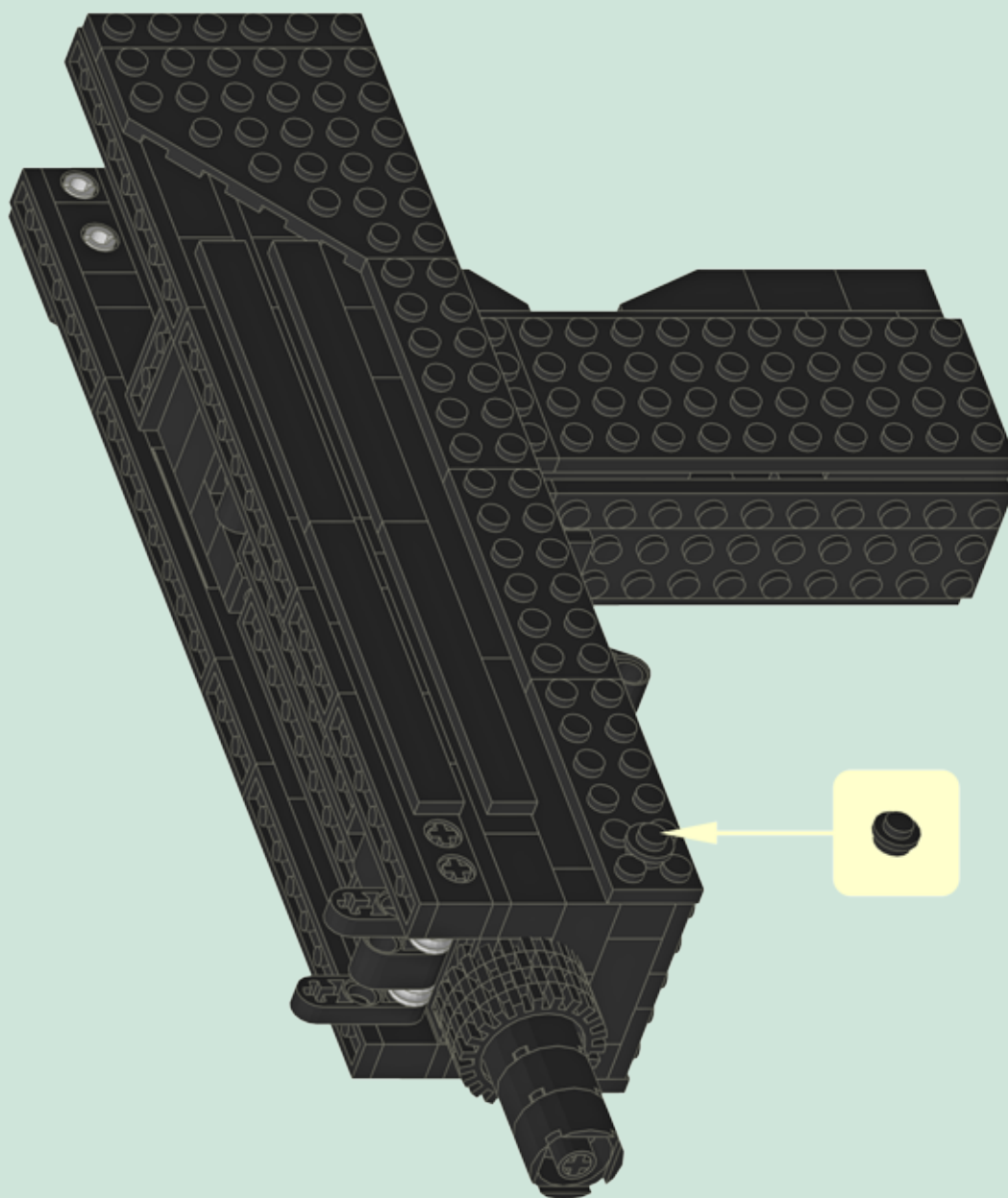


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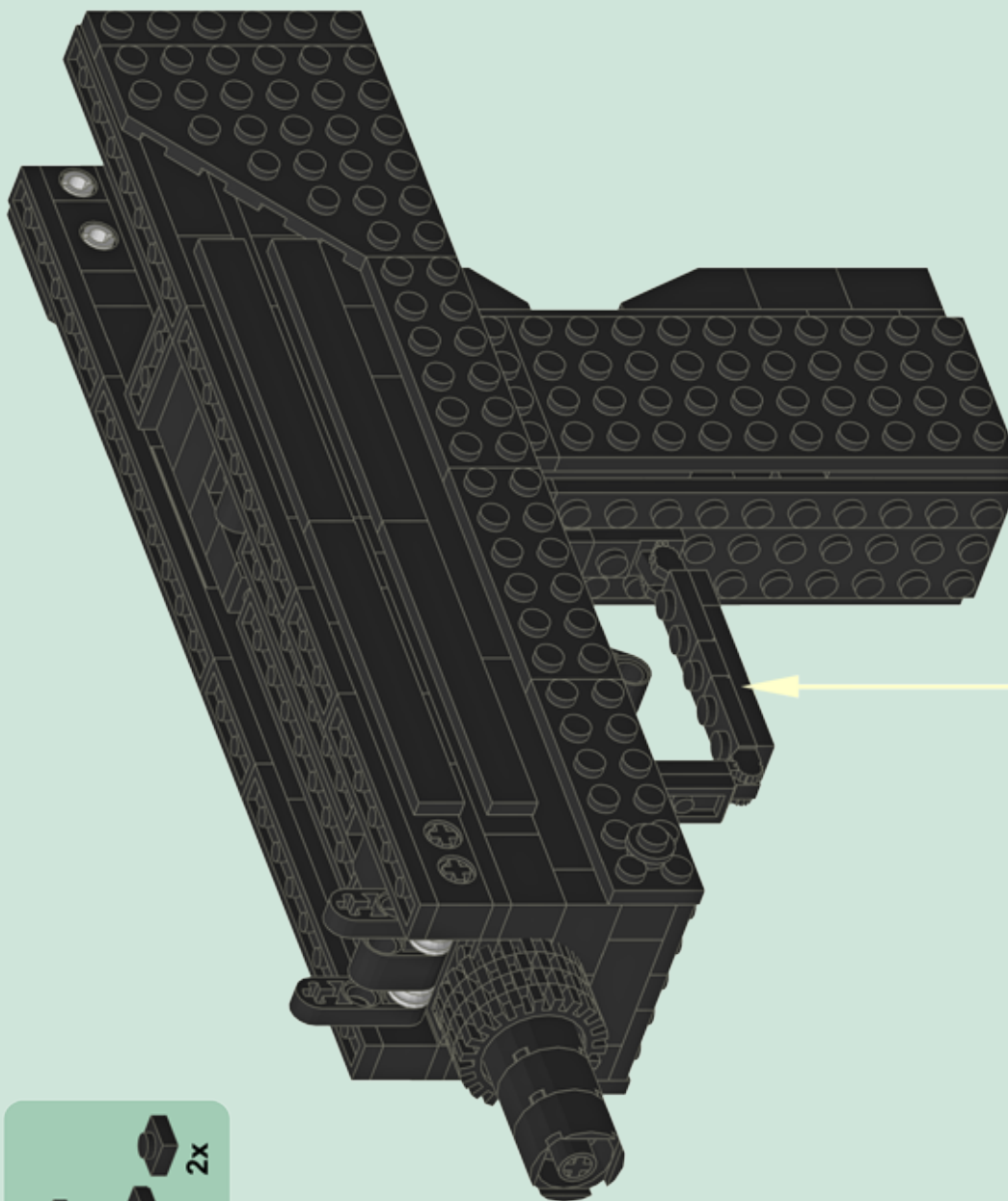
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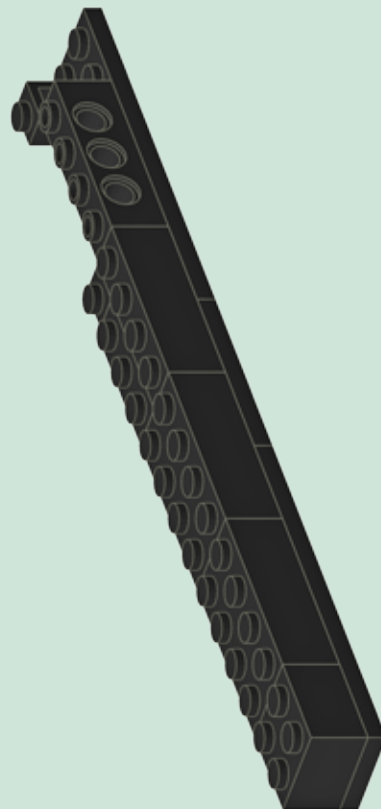
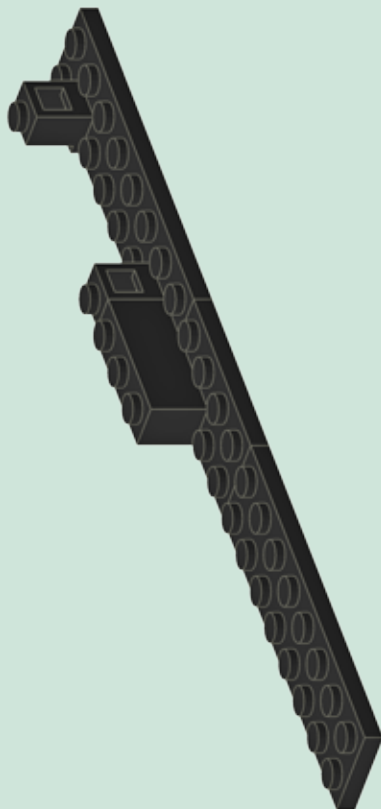


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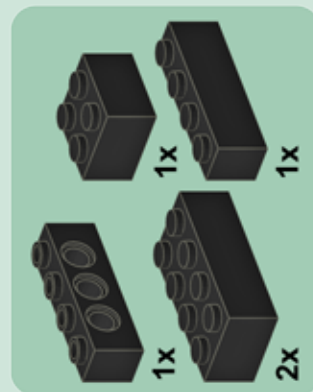




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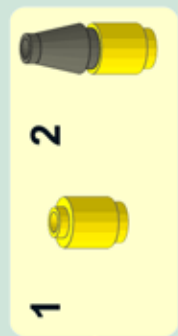
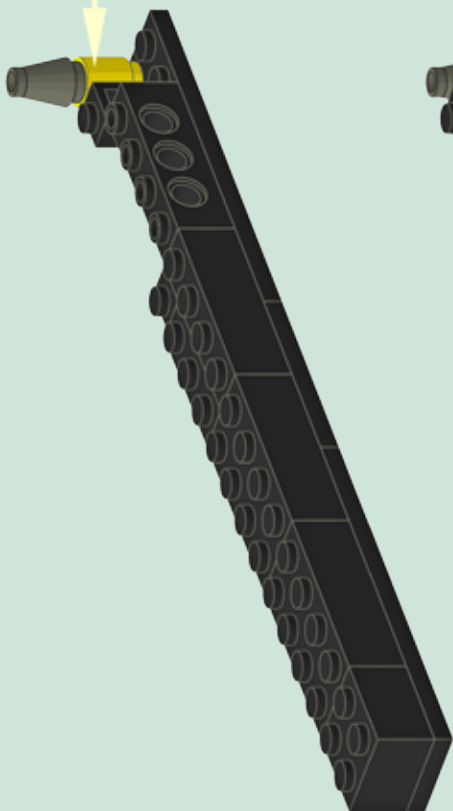
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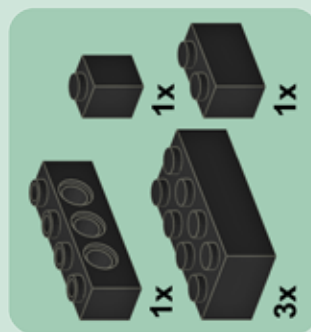
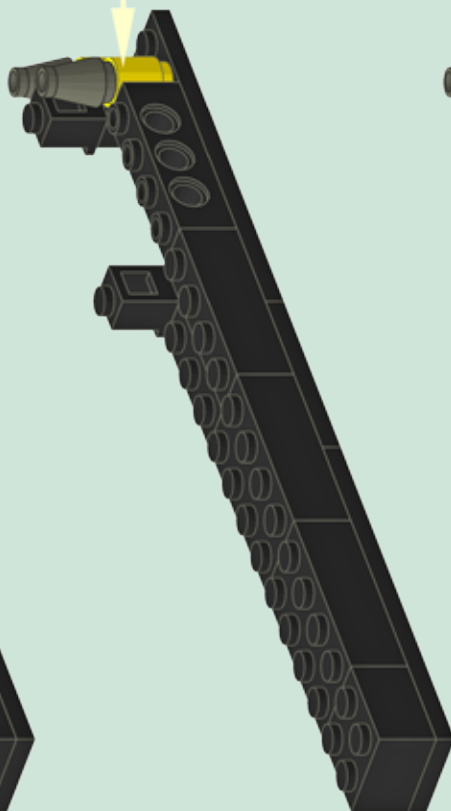
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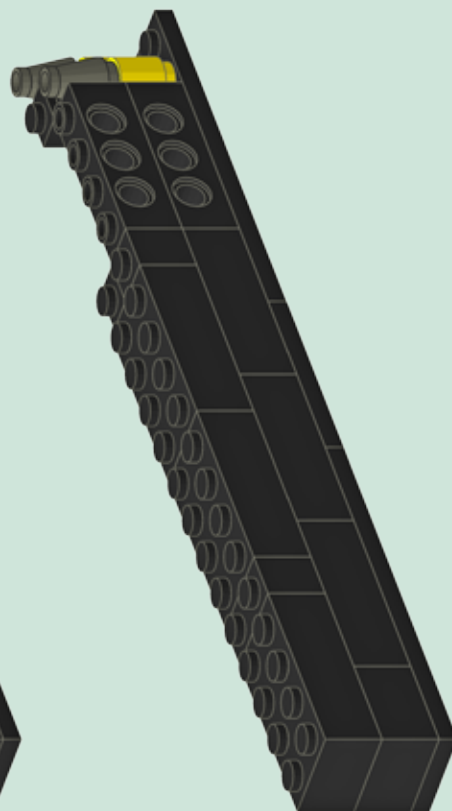
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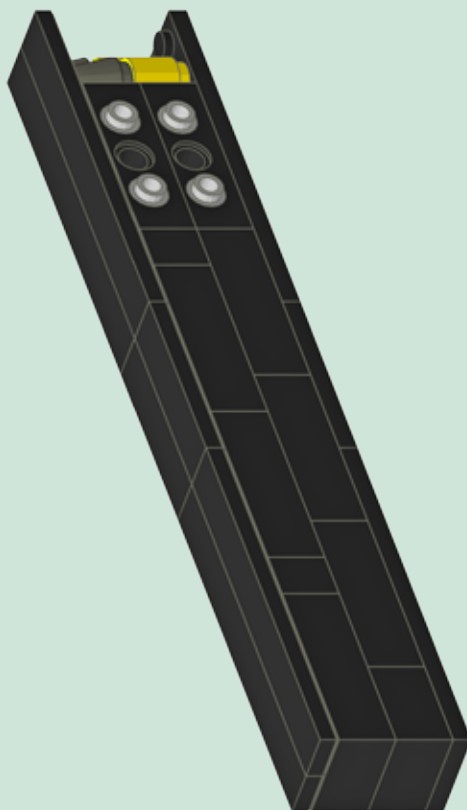
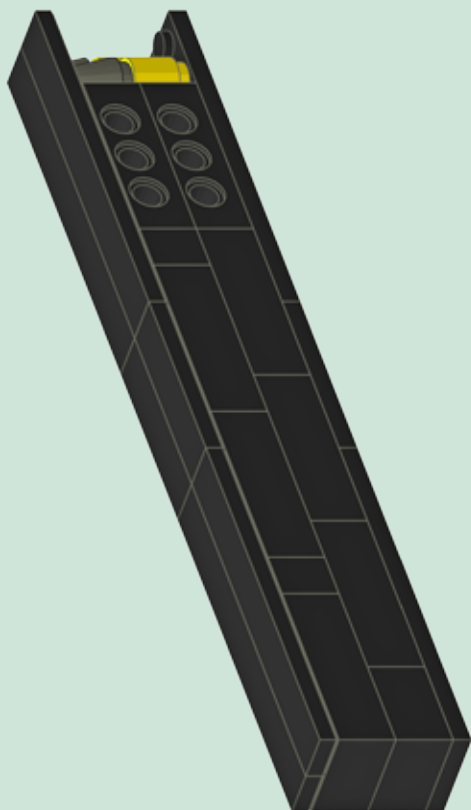


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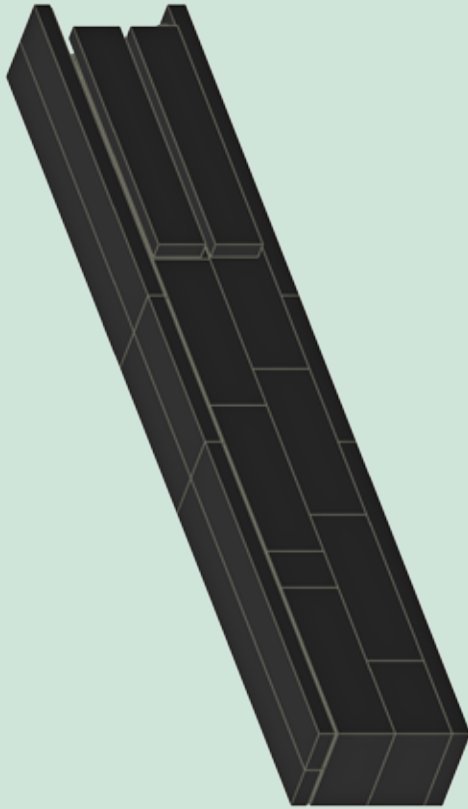




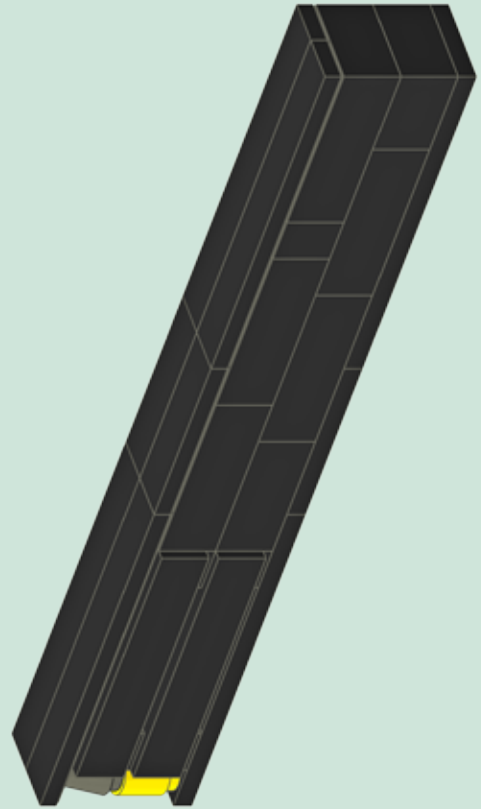
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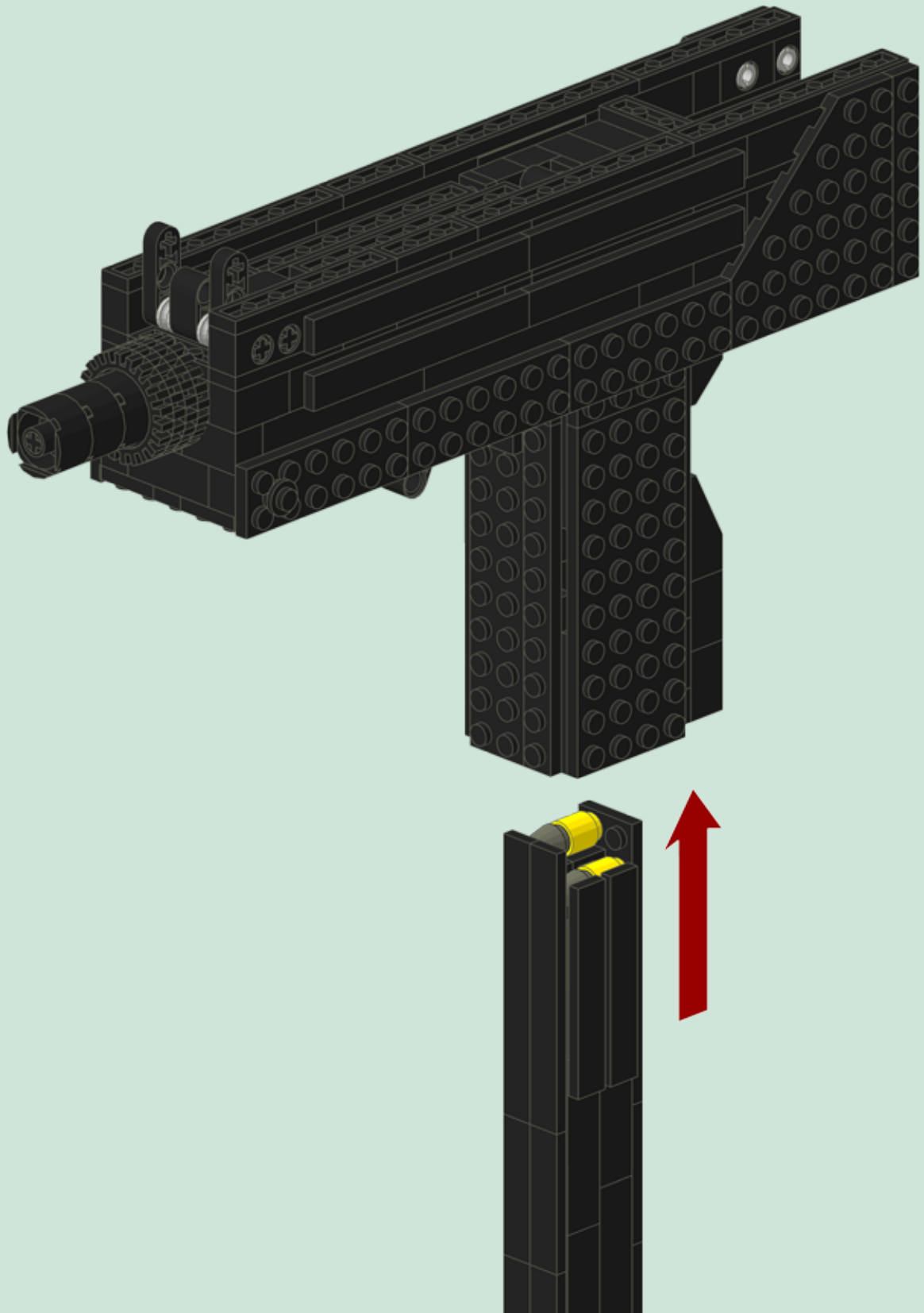


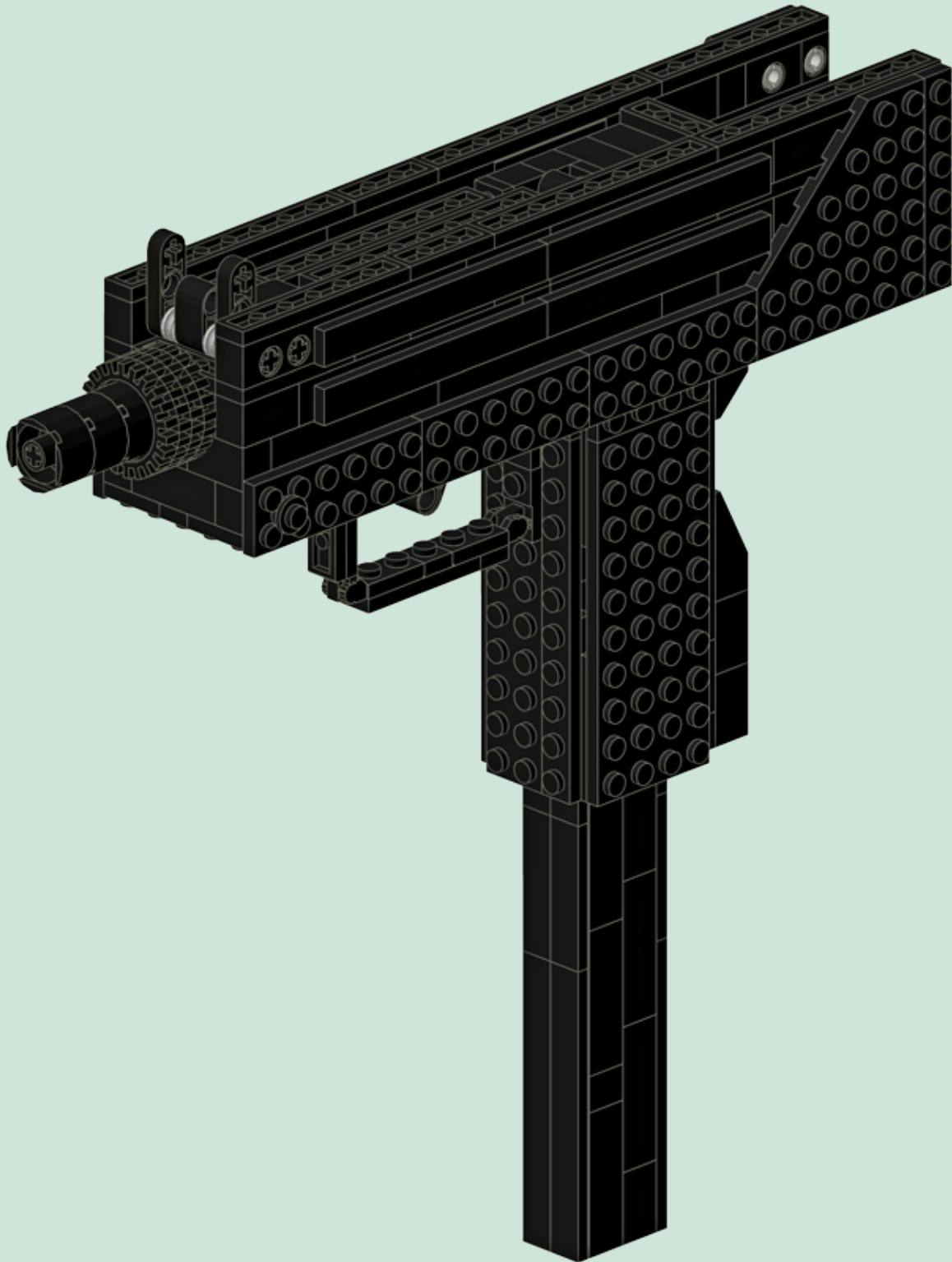
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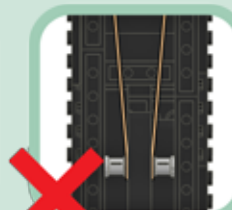
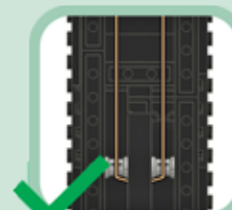
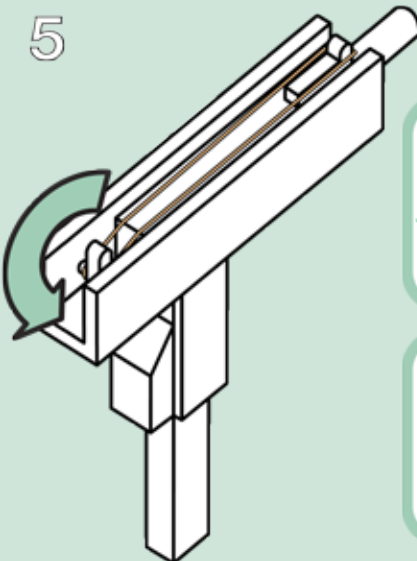
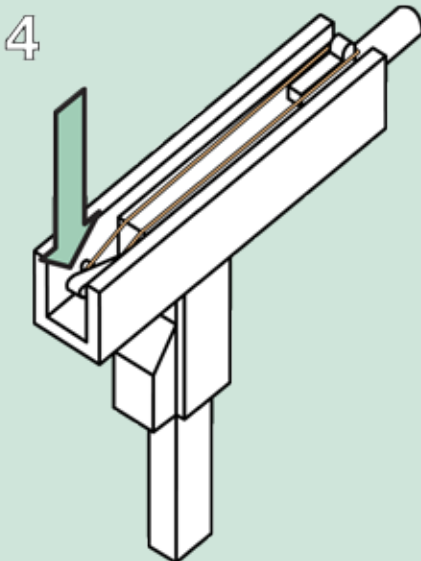
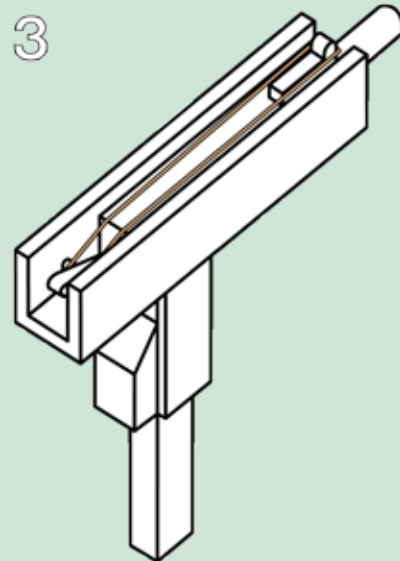
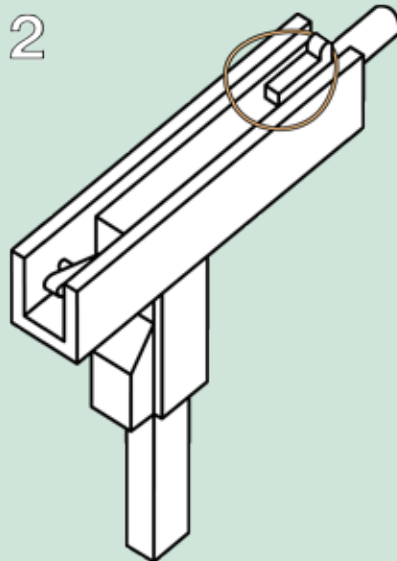
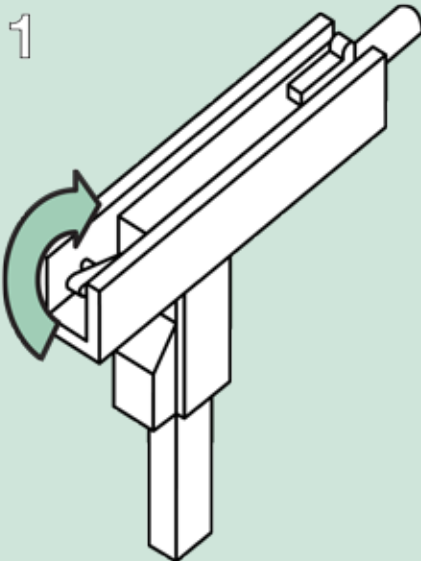


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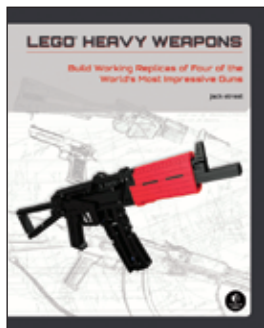


The BrickGun Book is set in Helvetica Neue. The book was printed and bound at Everbest Printing in Guangzhou, China. The paper is 105gsm Goldeast Matte.

UPDATES

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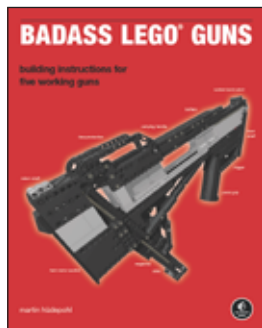
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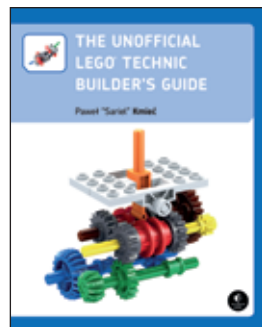
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about the author

Jeff Boen designed his first BrickGun model on a lark. He now runs the popular website BrickGun.com, which sells kits and building instructions for his original LEGO gun designs.

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