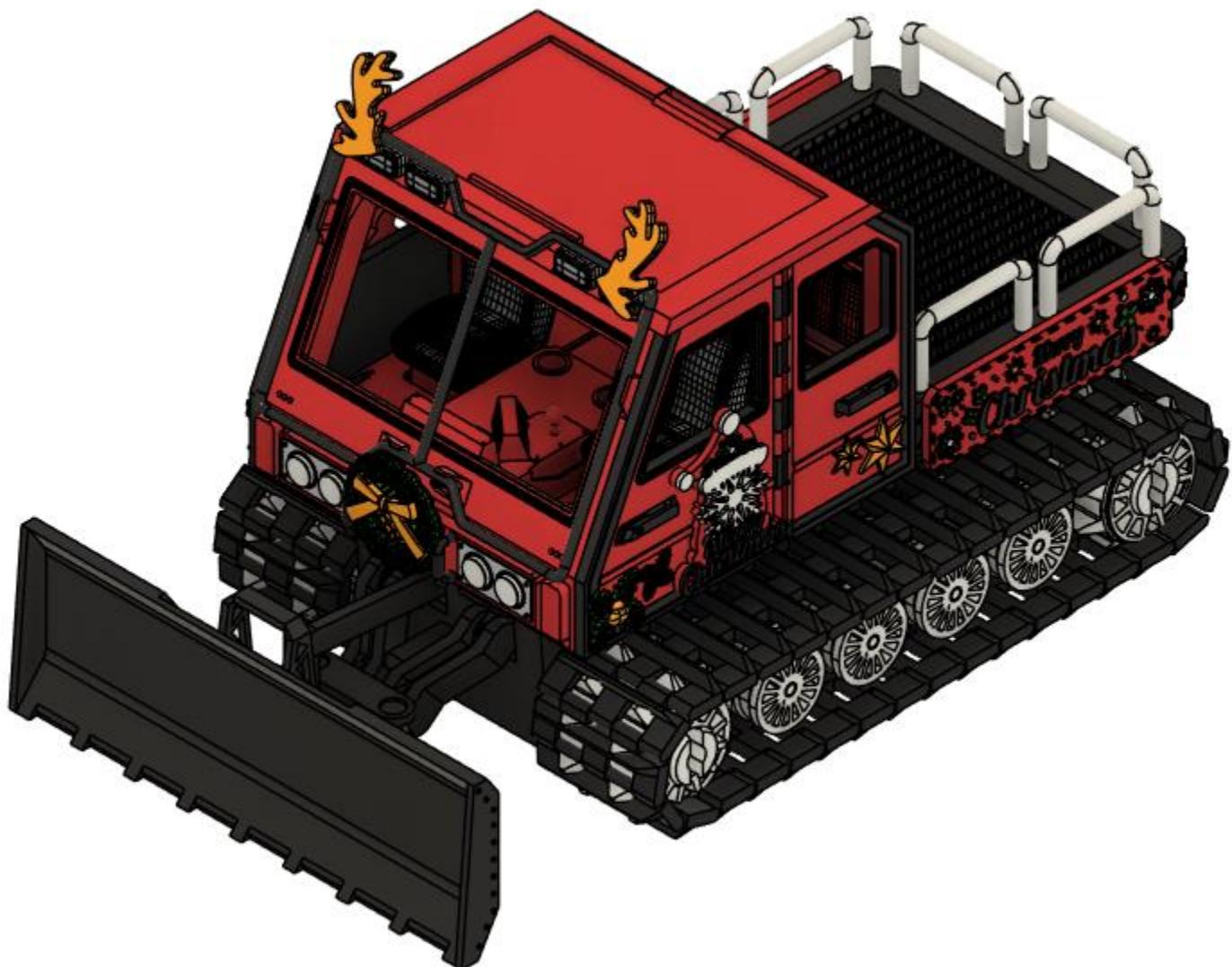


Assembly Guide

Christmas Santa's Snowcat- CyberBrick RC



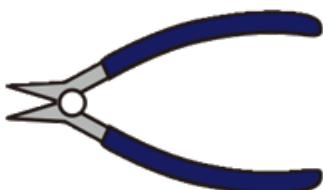
Charging Safety Instructions:

- 1.The lithium battery in this product must be charged only with the included USB charger. It is recommended to connect the USB charger directly to a computer USB port. If using an external adapter, choose a standard USB charger with 5V 1-2A output. Do not use any charging device not officially recommended.**
- 2.Never use mobile fast chargers or high-voltage/current adapters (such as 9V/12V), as this may result in device damage, overheating, or safety accidents.**
- 3.When charging, ensure the device is placed in a well-ventilated, dry area away from flammable materials, and do not cover the device.**
- 4.Do not charge in environments with high temperature, humidity, or direct sunlight.**
- 5.Do not charge the device unattended.**
- 6.If you notice abnormal conditions (such as overheating, deformation, odor, or smoke), stop charging immediately and contact customer service.**
- 7.Do not disassemble or modify the product or charger yourself.**

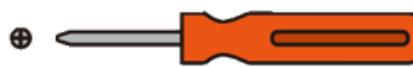
Disclaimer :

The company assumes no responsibility for any device damage, malfunction, fire, personal injury, or other losses caused by the use of non-original or non-officially recommended chargers/cables, chargers with output above 5V or 2A, or charging in improper environments, in violation of this manual. Users must strictly follow the product's safety instructions to ensure personal and property safety.

Additional Tools You'll need



Diagonal
Cutters



PH1 Philips Driver



Instant
Glue



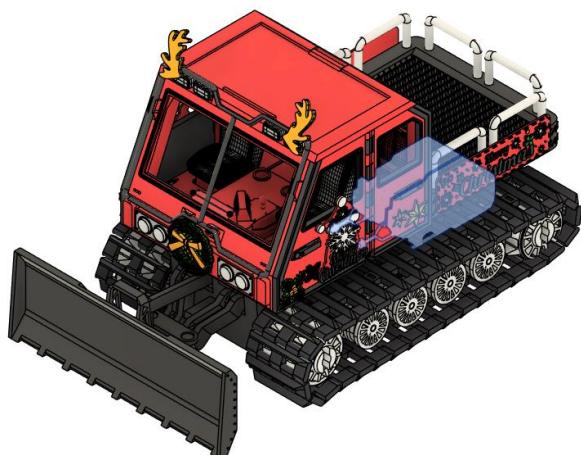
Tweezers



H1.5 Hex Driver

- Please ensure safe use of sharp tools and instant glue; safety first in everything you do!
- The model contains many small parts. Please prepare a container to store them and prevent loss.
- For parts to be glued together, first assemble them loosely to check the fitting before applying glue.
- Depending on your assembly skills, the assembly time can vary from 1 to 3 hours. If you encounter any troubles, do not feel discouraged. Please leave a message on the model page or seek help in the community.
- Let's build it!

Reduction Gearbox Assembly

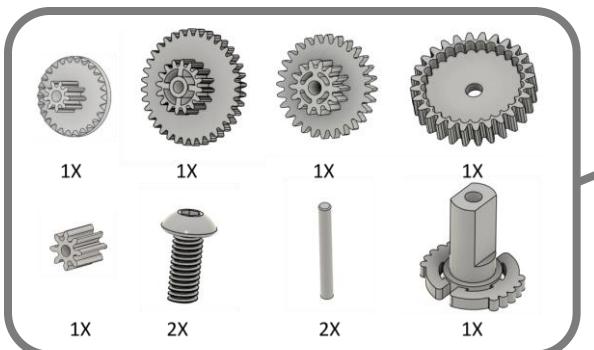


Printed Parts



Find the accessories by referring to the name on the label.

1:48 Single-axis Plastic Reduction Gear Kit (1PCS) – LA016



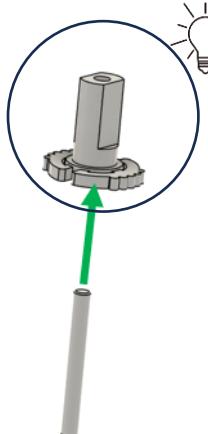
1X



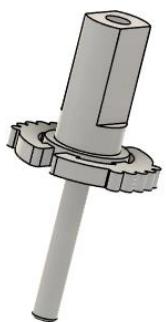
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Accessories

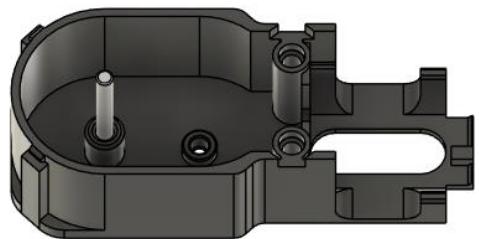
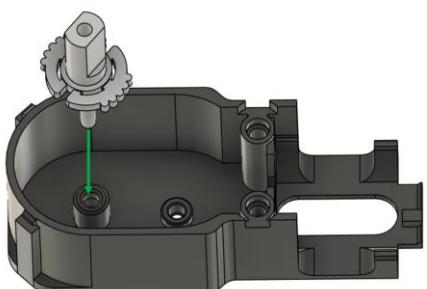
1



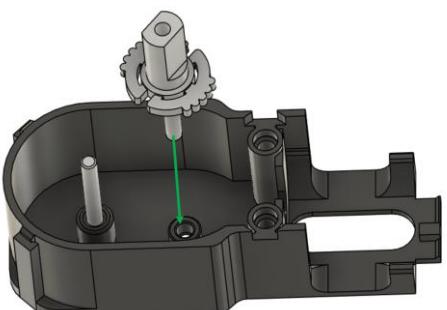
This accessory serves as an assembly aid.
It will be used again



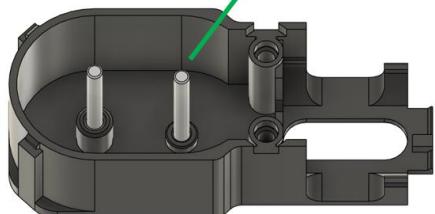
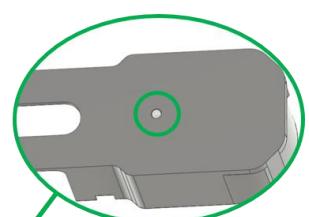
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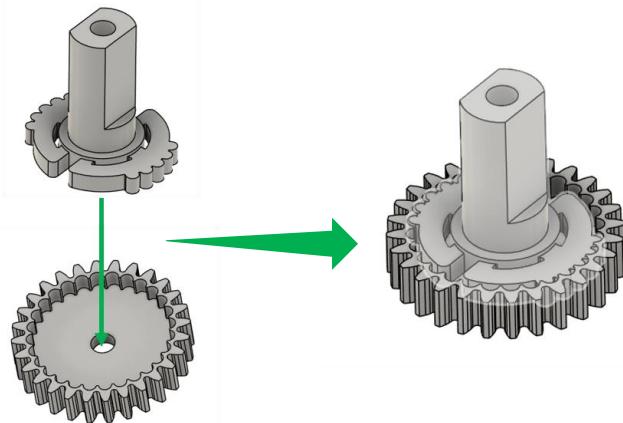
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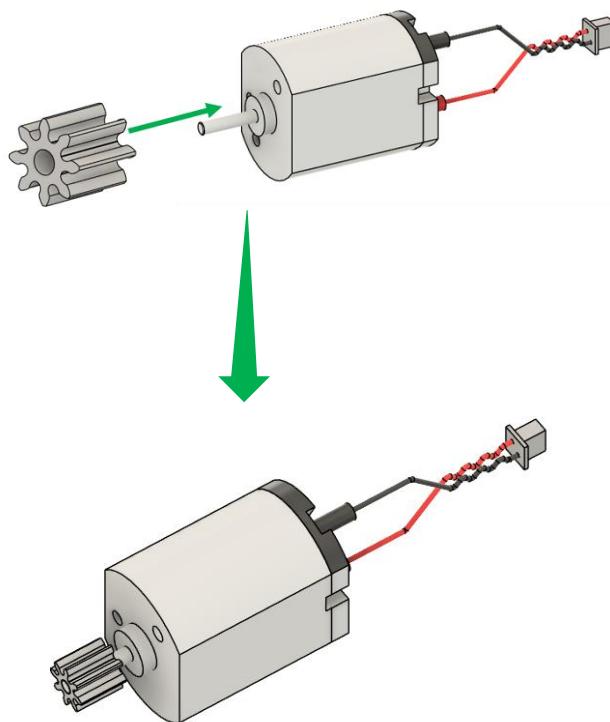
Check from the rear of the printed parts if the pin is fully seated.



4

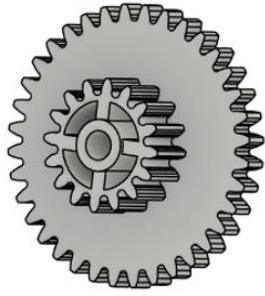


5 This part requires forceful press-fitting using a flat surface.





1



3



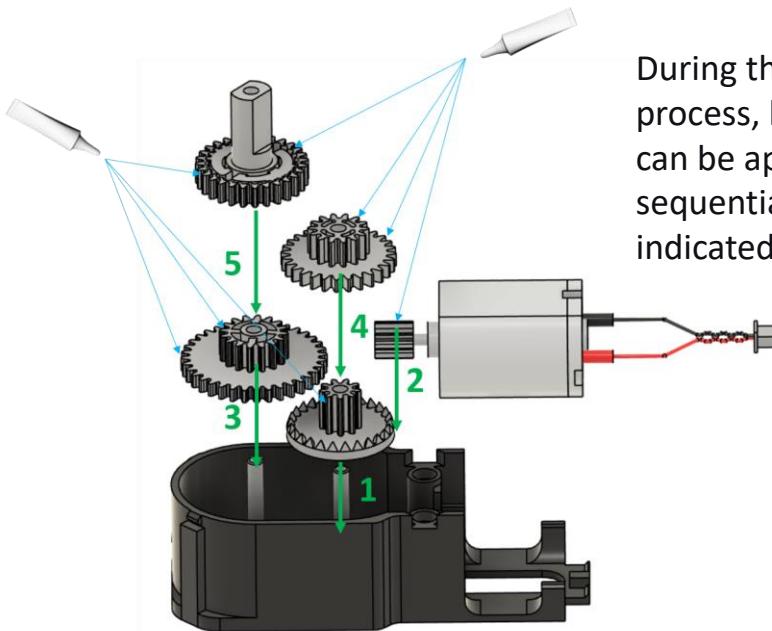
4



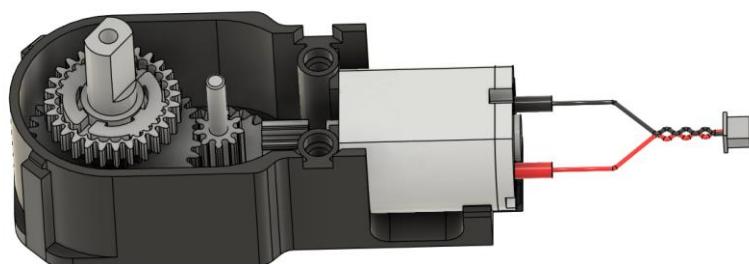
5

Gear 3 is larger than Gear 4.

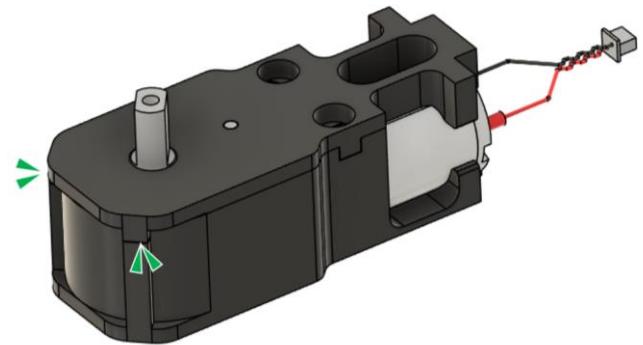
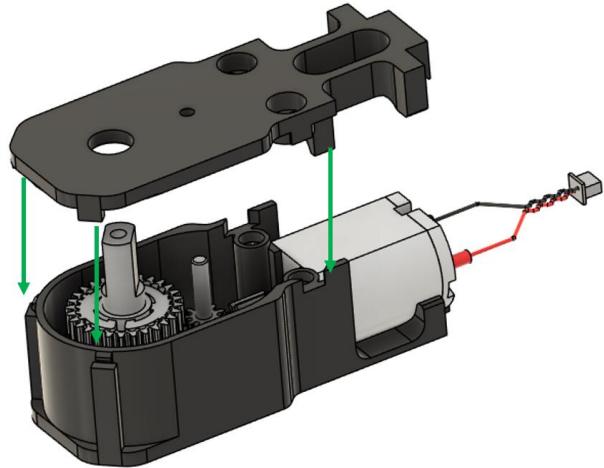
6



During the assembly process, lubricating oil can be applied sequentially to the gears indicated by the arrows.



7



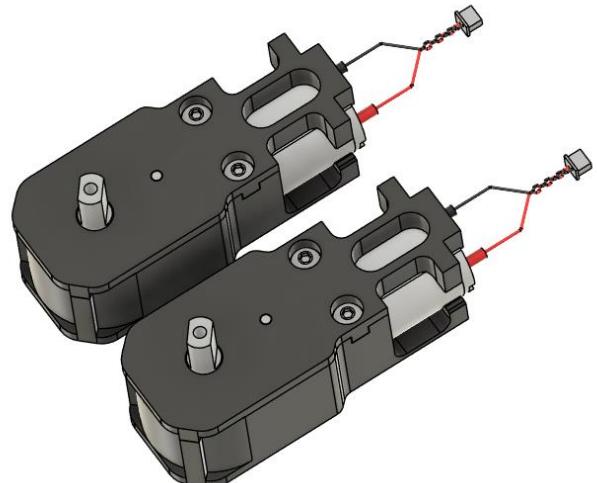
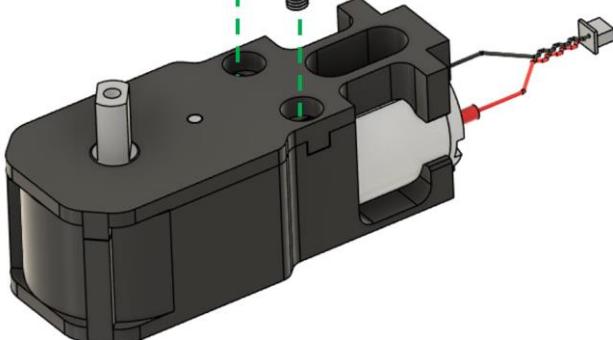
A click sound will be heard when the top cover is pressed firmly into place.

8



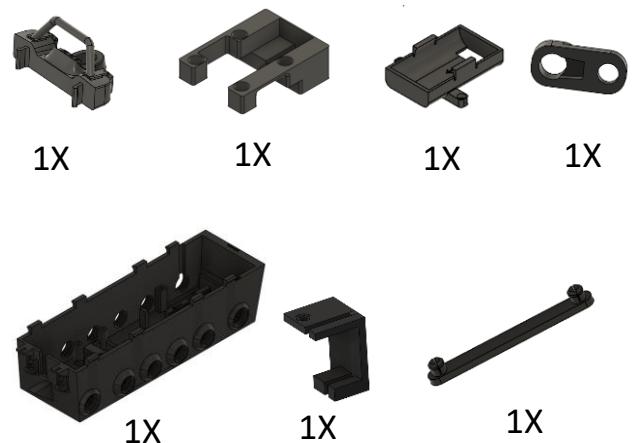
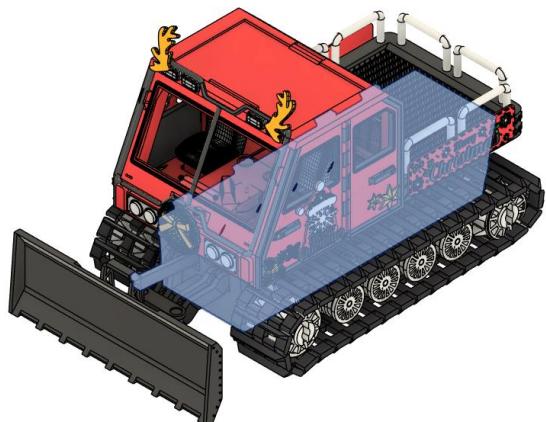
Please use an H1.5 Hex Driver

M2.5x6 Pan Head
Machine Screw

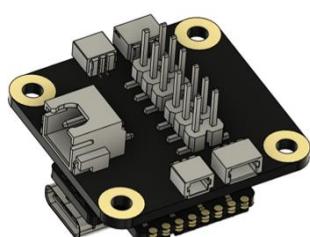


Repeat the above steps to obtain 2
gearboxes.

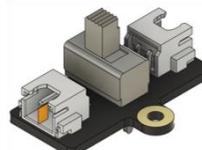
Assembling the Chassis



Printed Parts



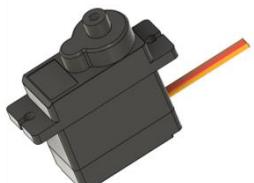
1X



1X



1X



1X



1X



1X

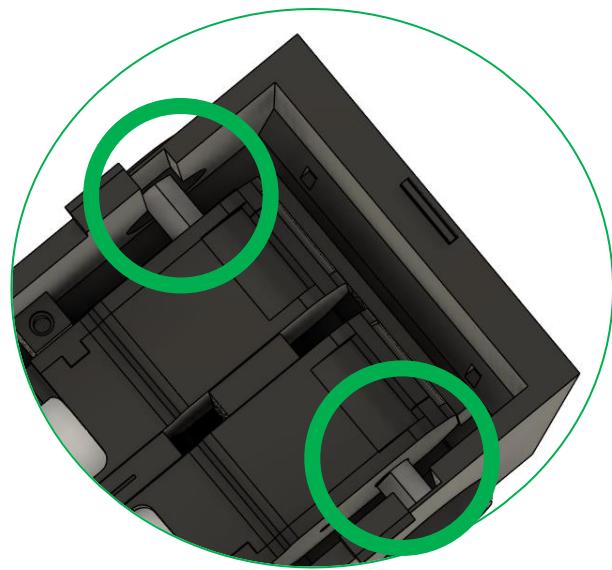
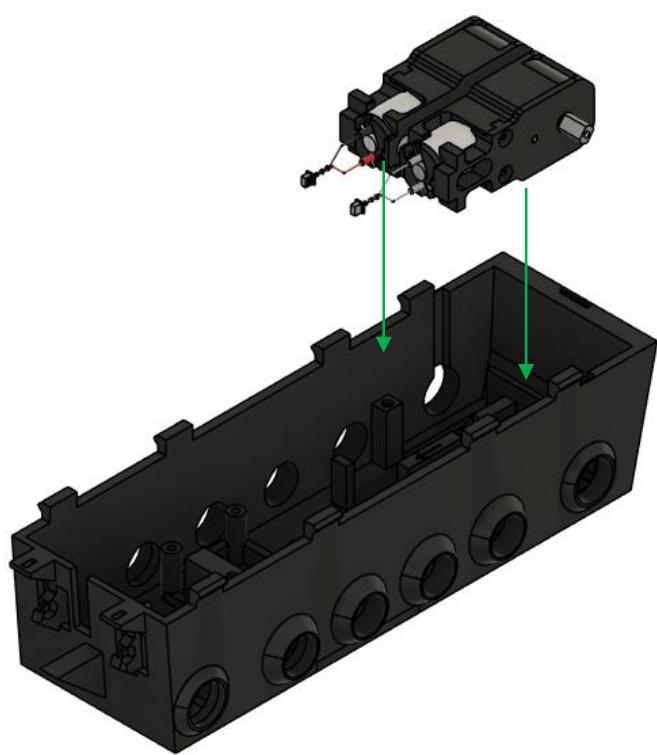
Accessories



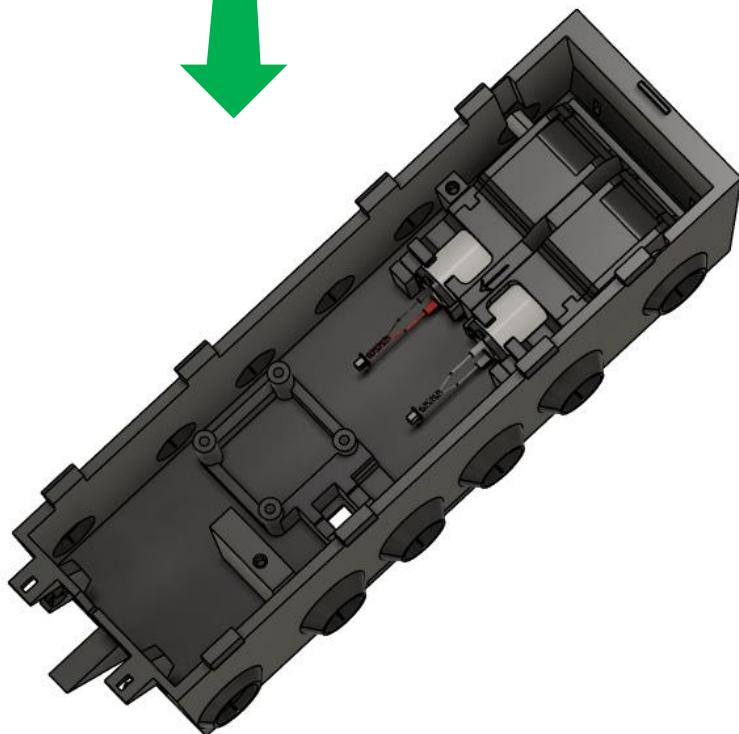
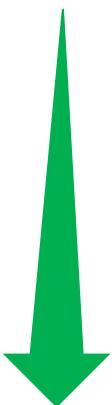
Find the accessories by referring to the name on the label.

360° 9g Servo Motor with Clutch Protection -PG002

9



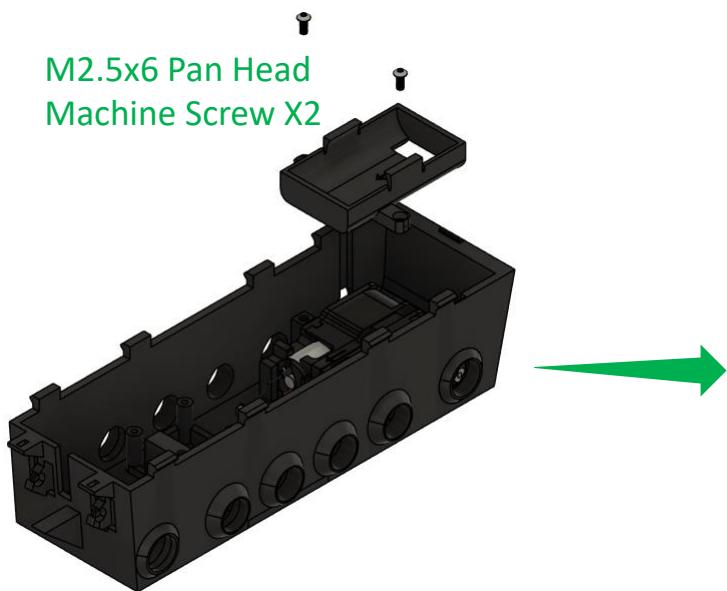
At this point, first pass the rotating shaft through the round hole, then press it firmly into place.



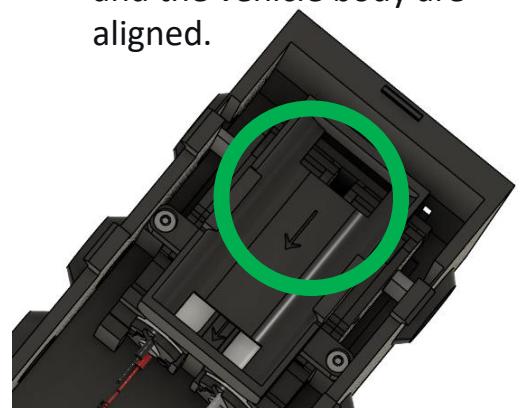


Please use an H1.5 Hex Driver

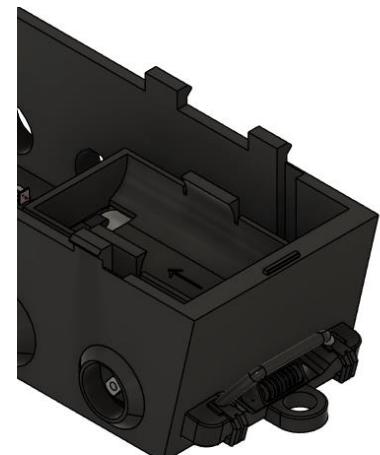
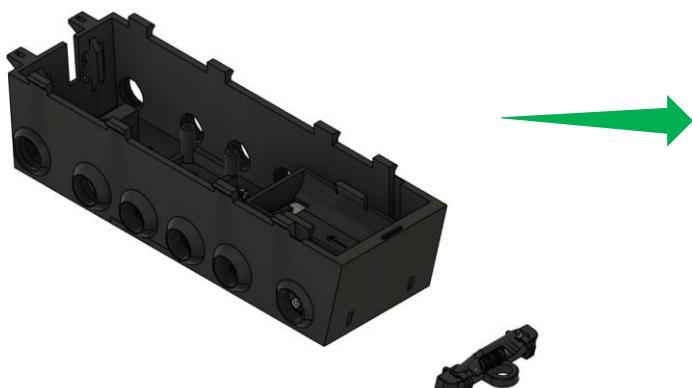
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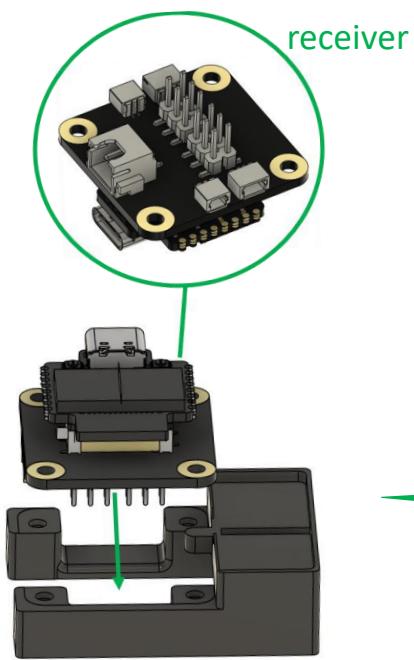
Ensure the arrow directions on the battery compartment and the vehicle body are aligned.



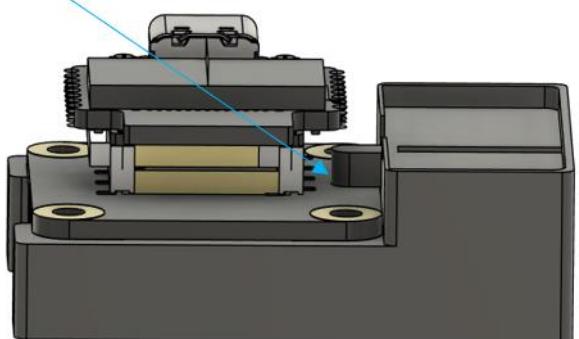
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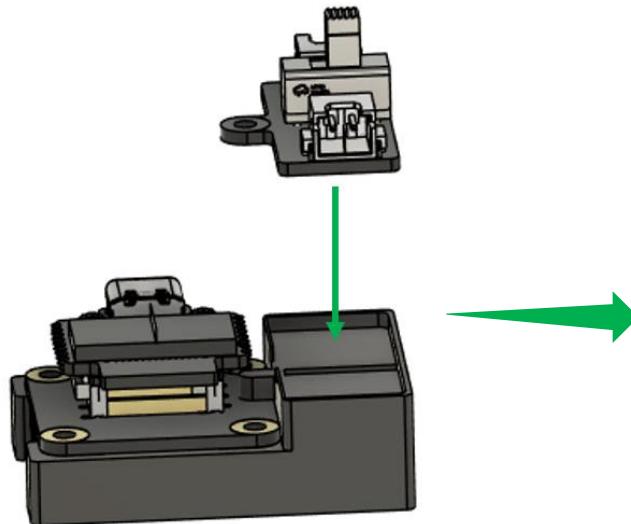
12



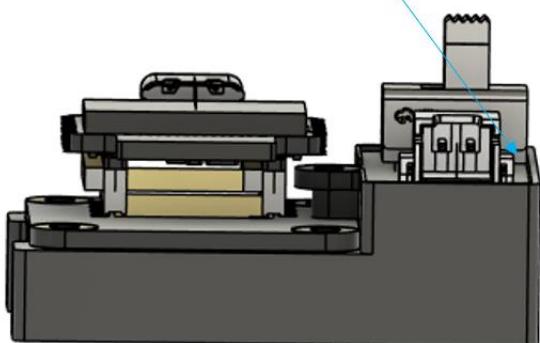
The PCB card should be positioned beneath the boss.



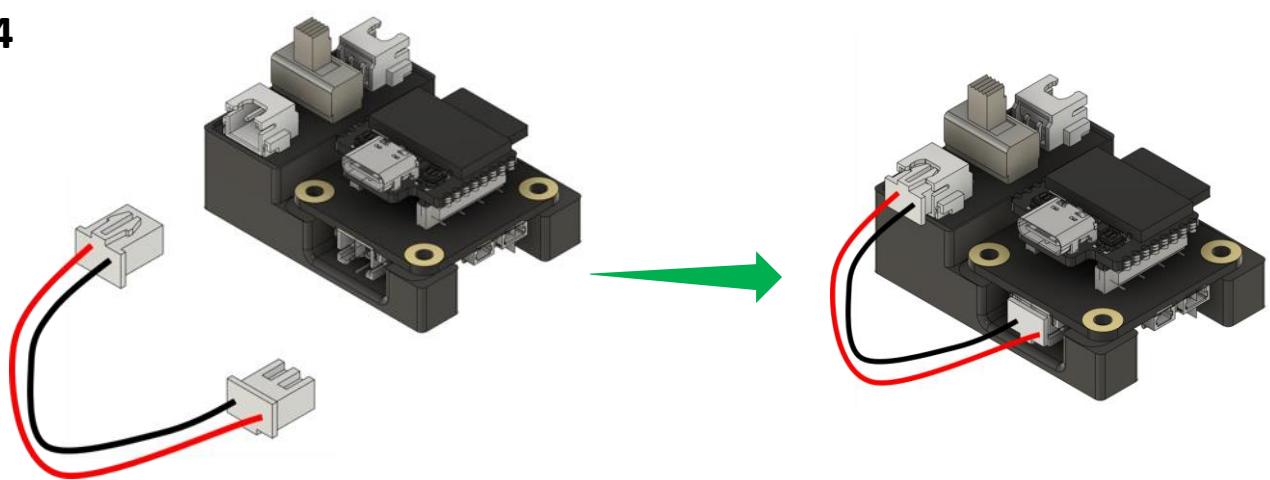
13



Ensure it is placed on a level surface.



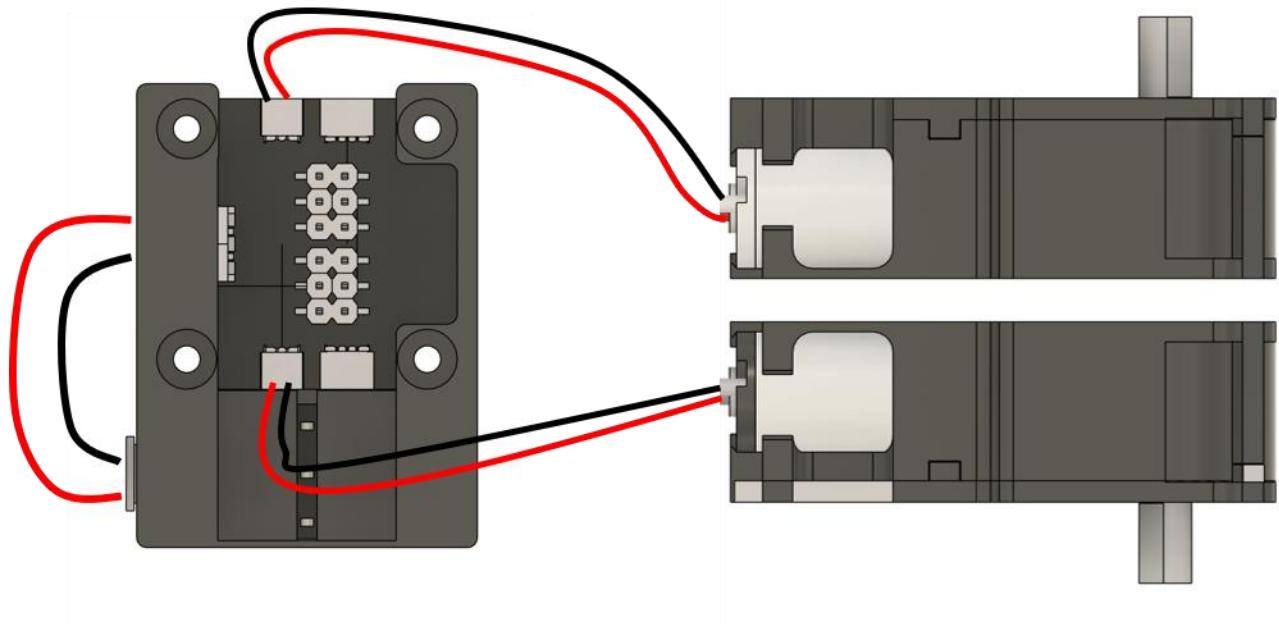
14



15



Insert the two motor wire terminals into the receiver board in advance.

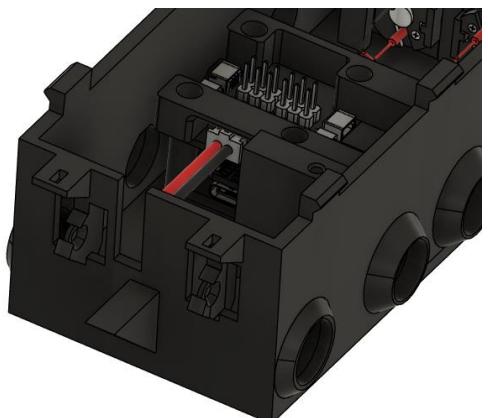
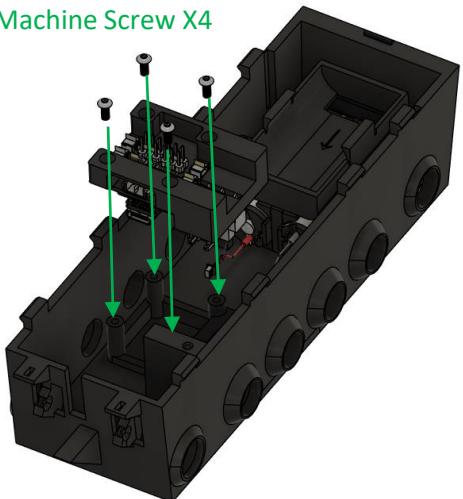


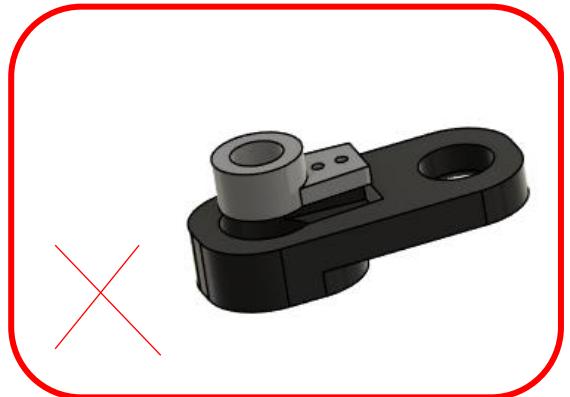
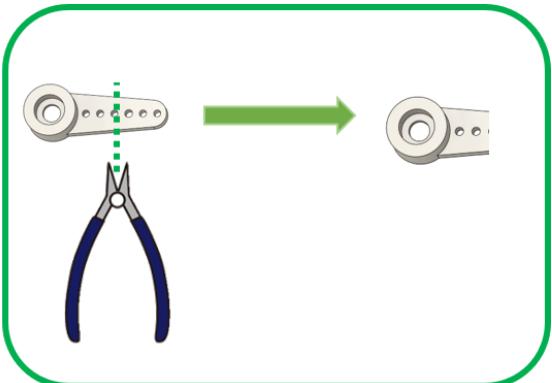
16



Please use an H1.5 Hex Driver

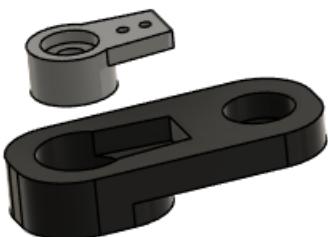
M2.5x6 Pan Head
Machine Screw X4



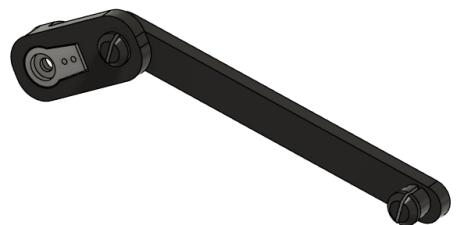


Trim the servo arm along the dashed line at the third hole as illustrated.

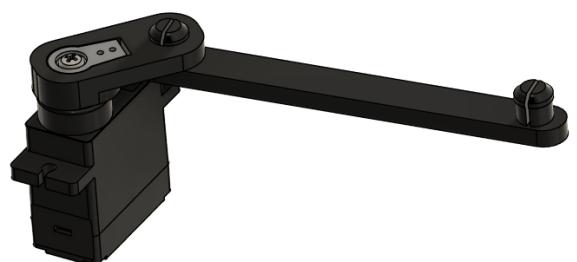
17



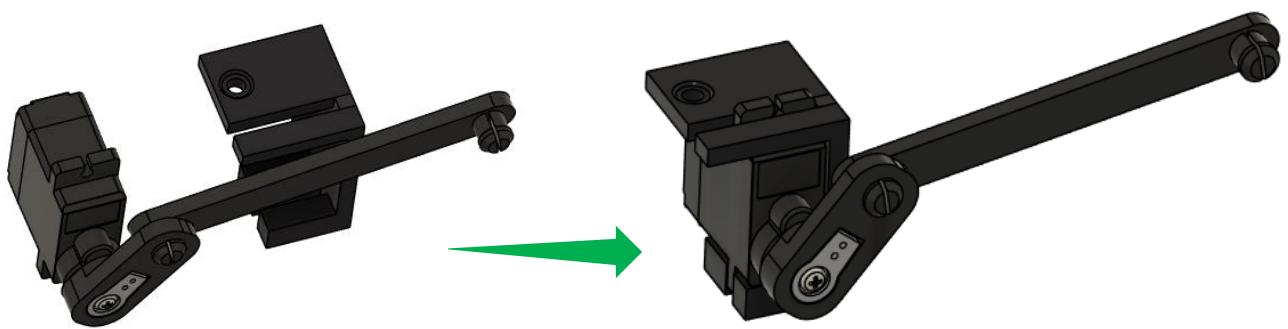
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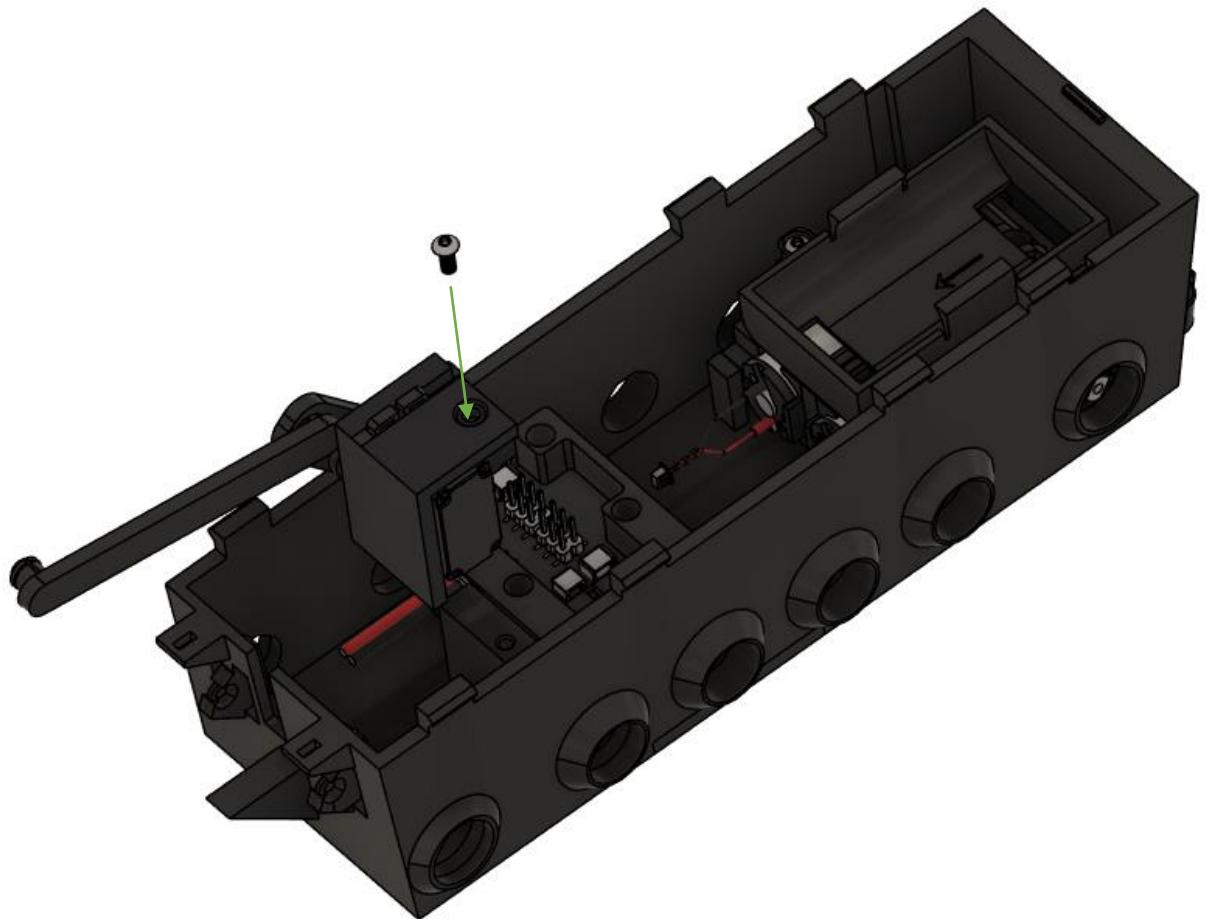
19



20

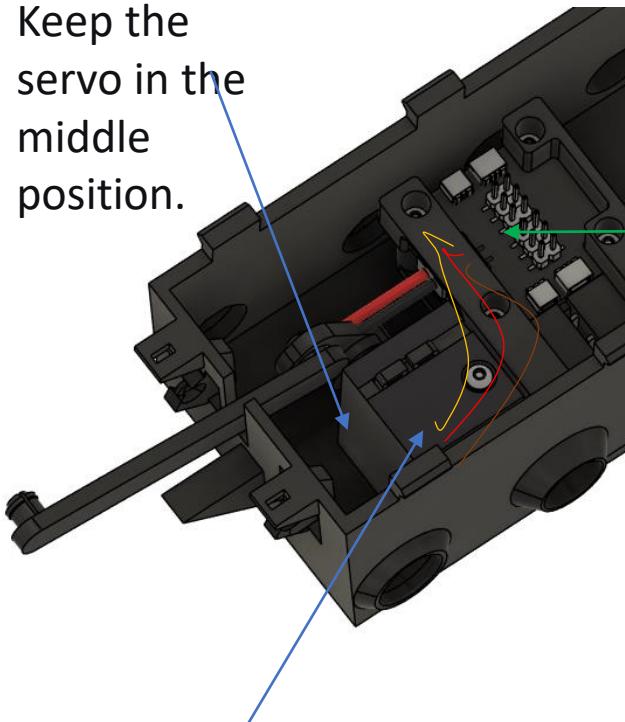


21

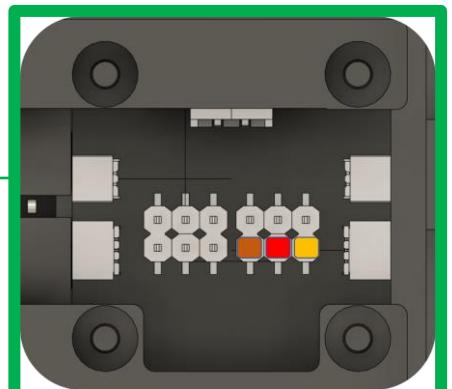


22

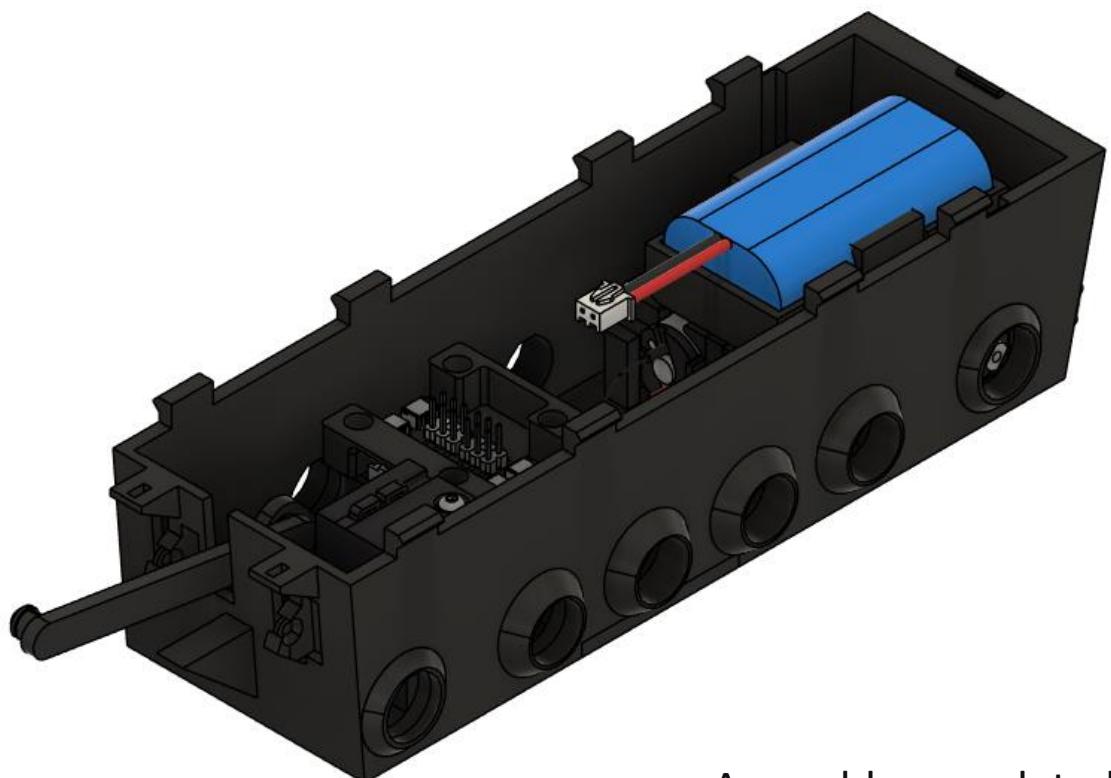
Keep the servo in the middle position.



Guide the servo wire through the hole.

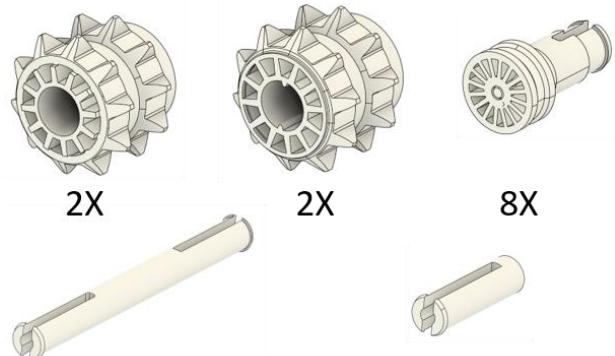
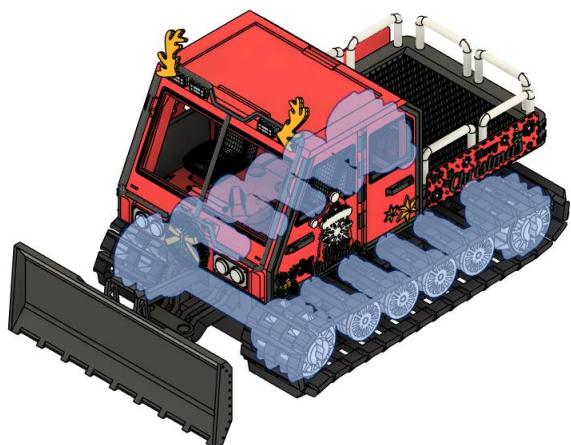


Note the plug wire sequence and position.
Do not insert incorrectly.



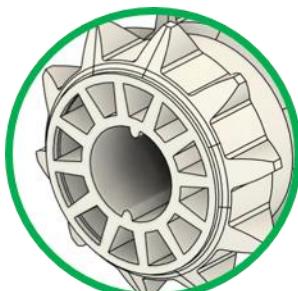
Assembly completed

Assembling the Hub

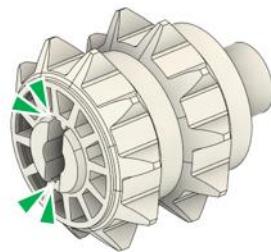
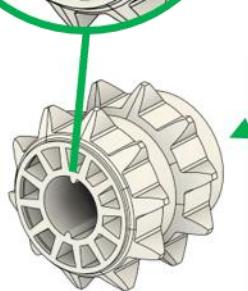


Printed Parts

23

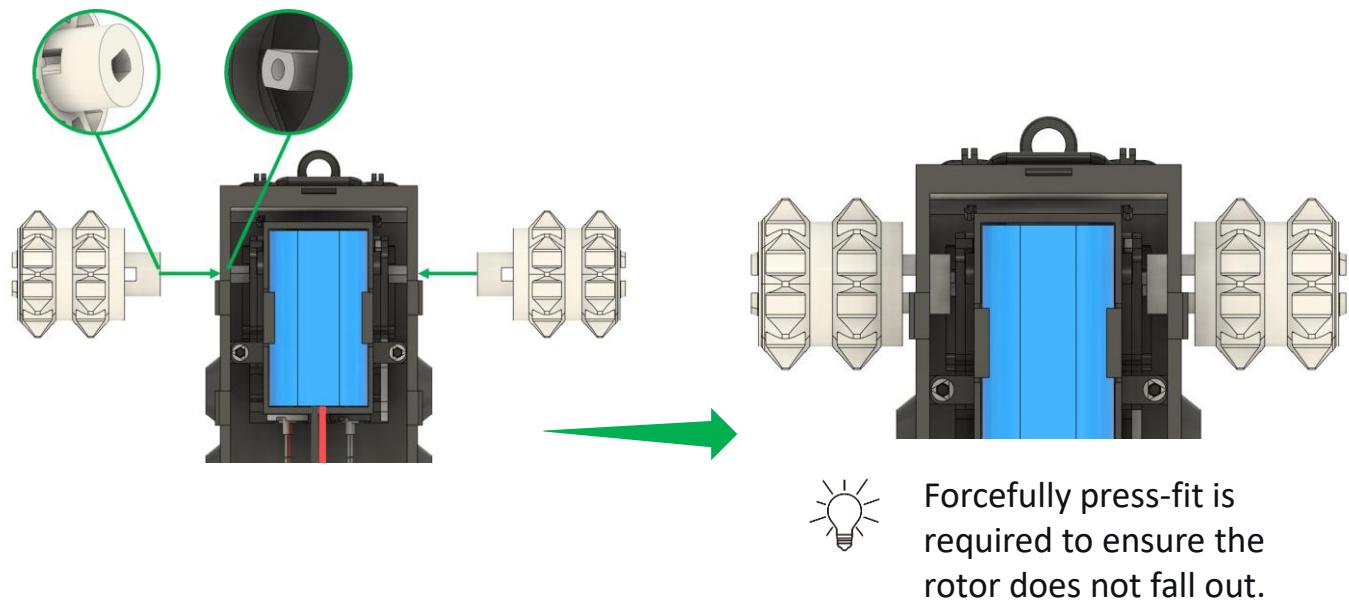


💡 Note that there is a protrusion on the inner side of the drive wheel shaft hole, and assemble according to the orientation shown in the diagram.

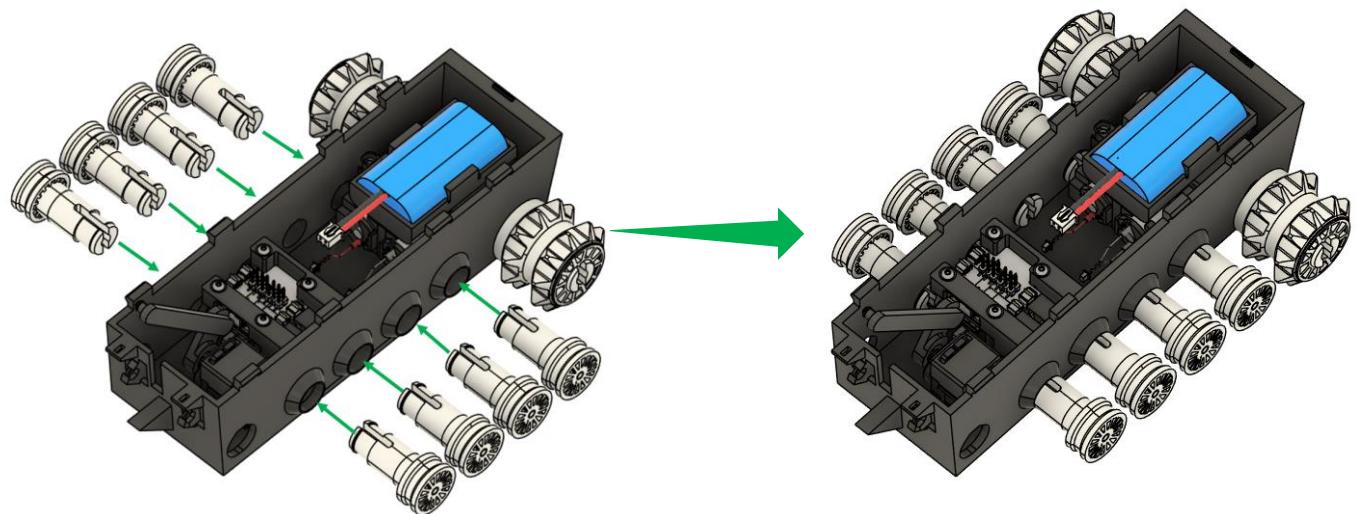


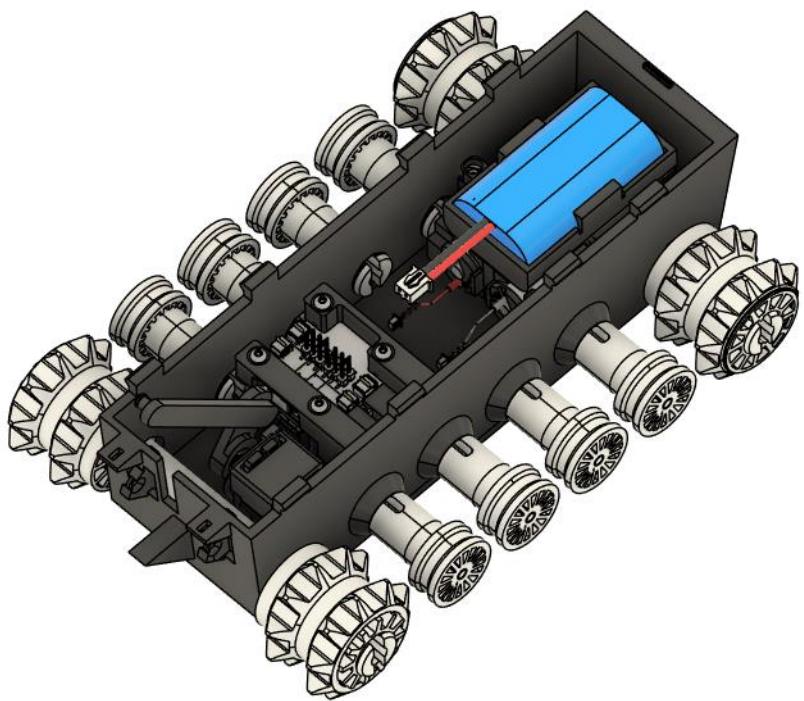
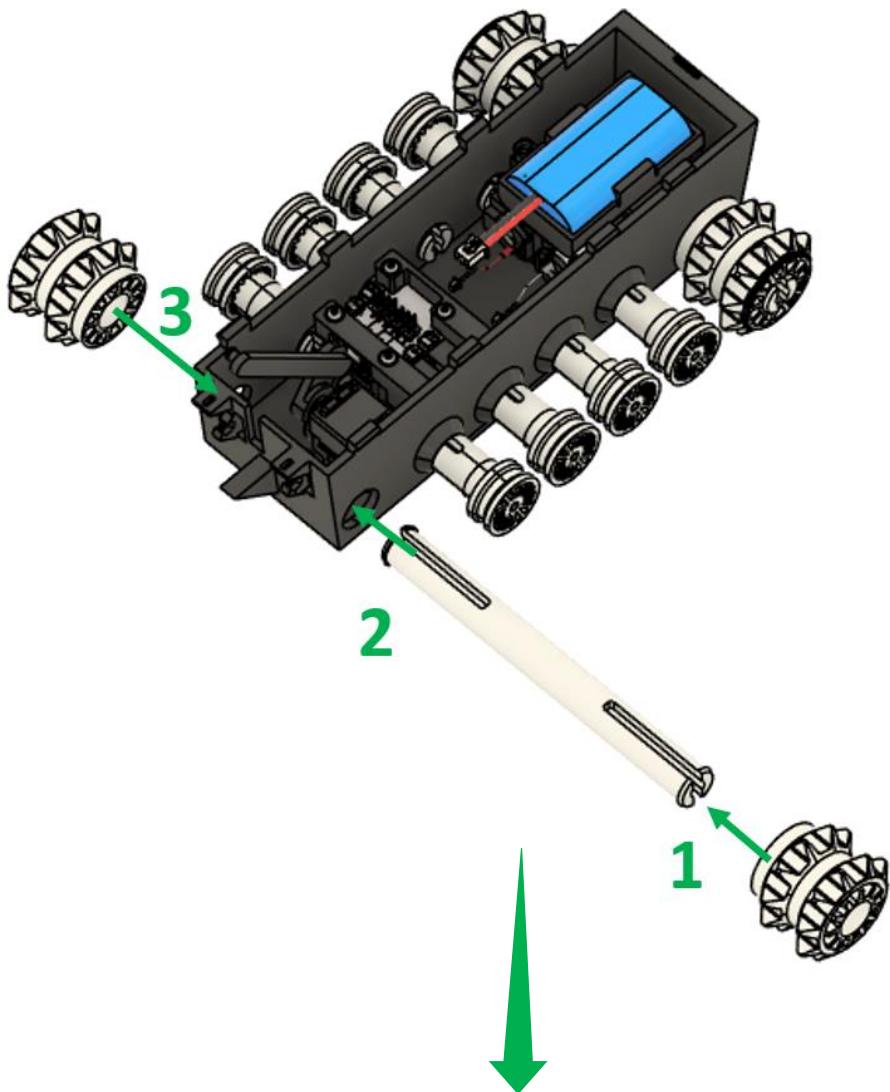
Repeat the steps to obtain two driving wheels.

24

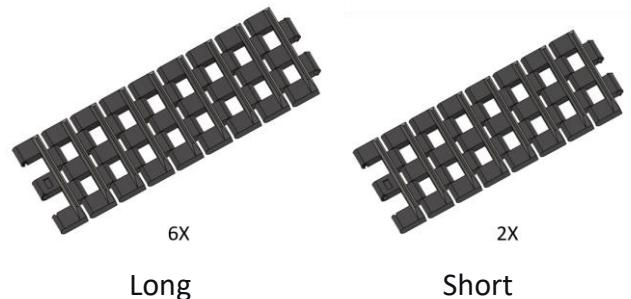
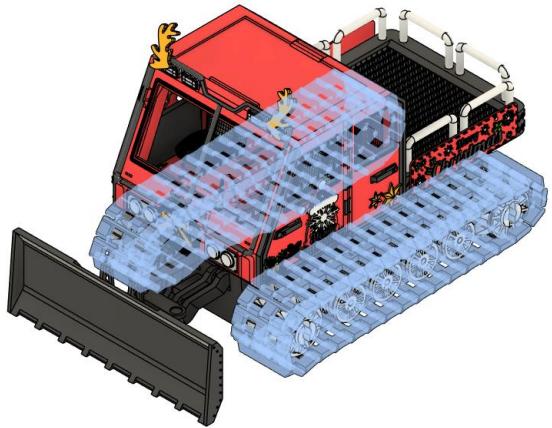


25





Assembling the Track

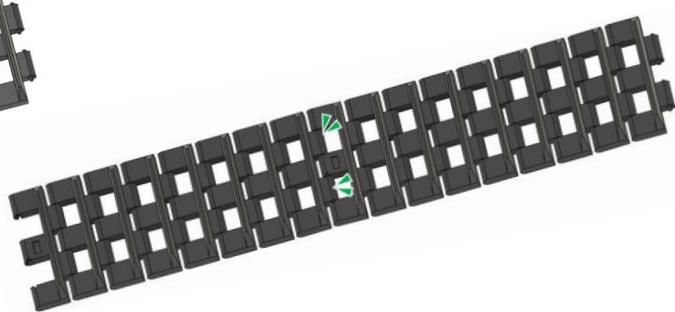
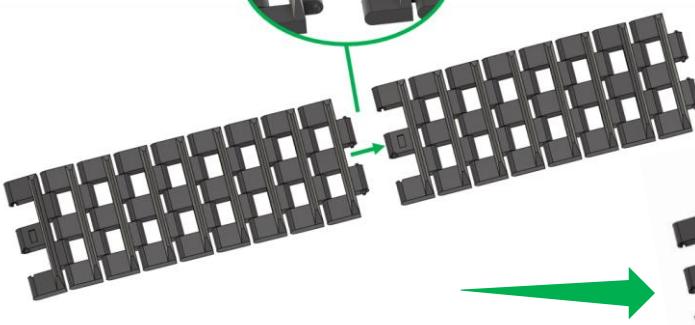


Printed Parts

27

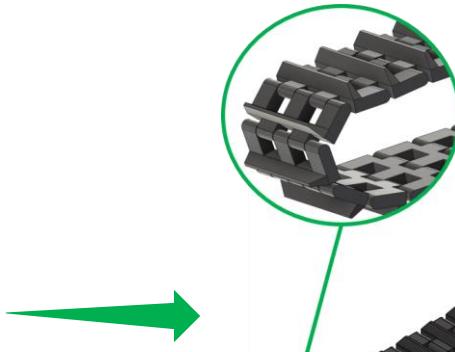
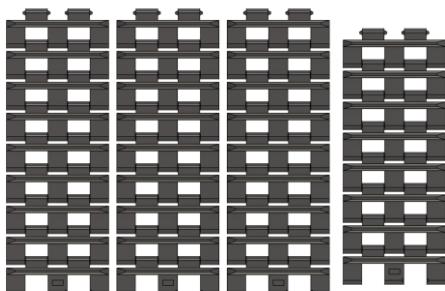


Apply firm pressure to install the track.



Ensure the track projections face outward.

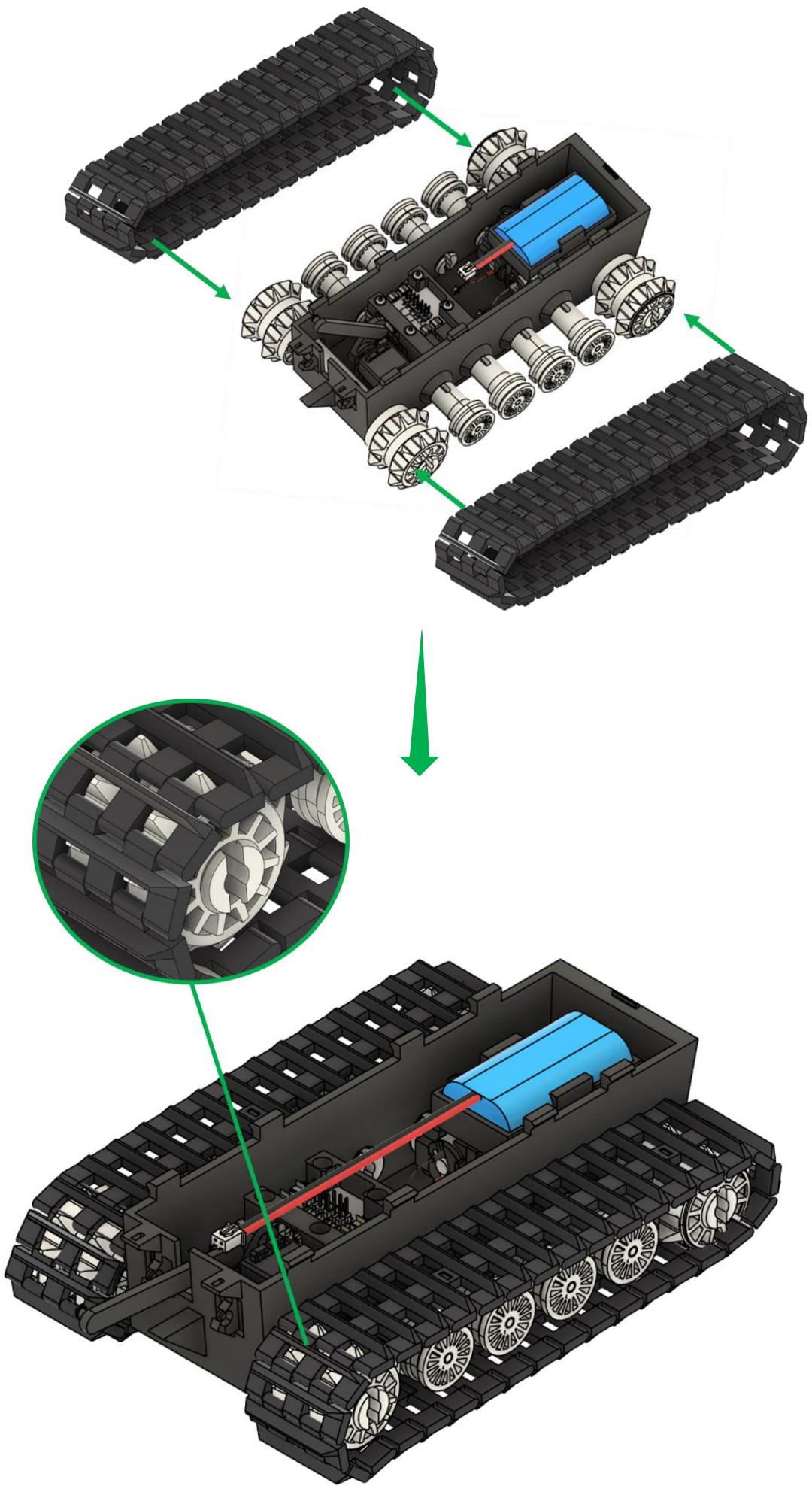
28



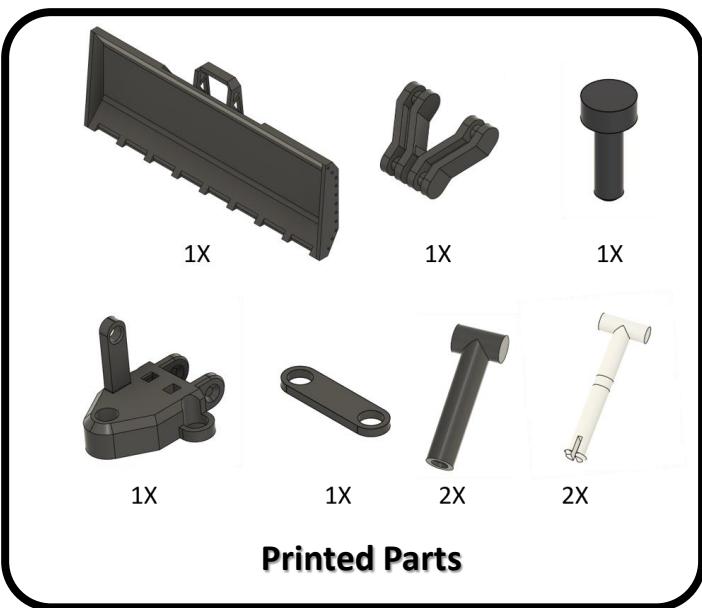
Assemble three long tracks and one short track into a large track.

Repeat the steps to obtain 2 large tracks.

29

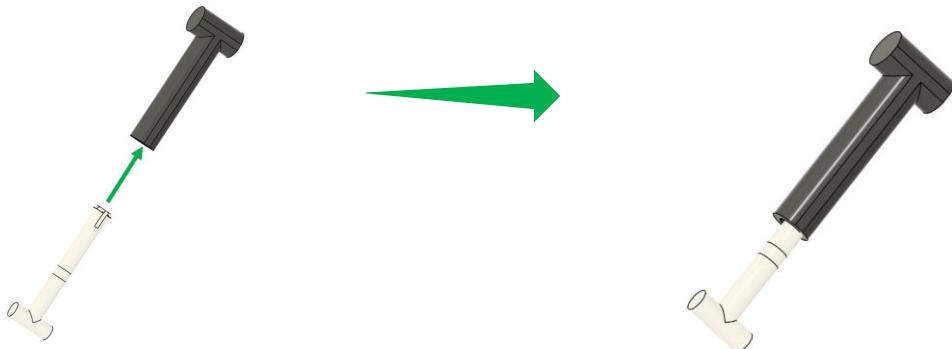


Assembling the Bucket



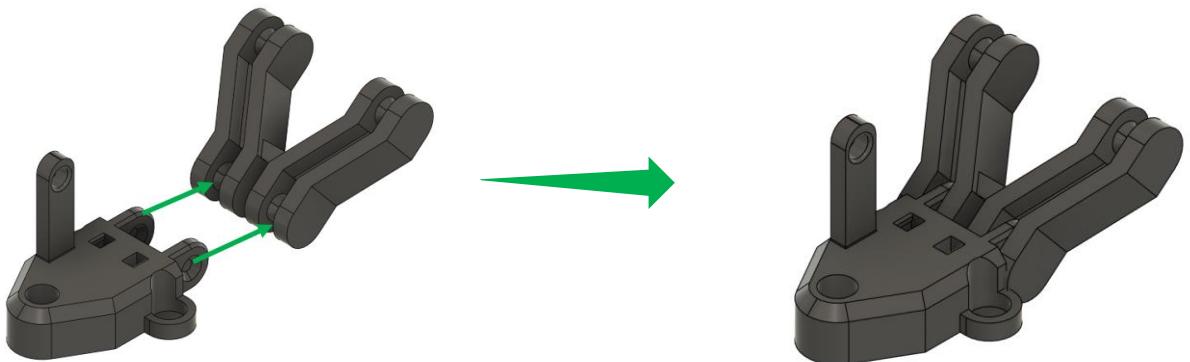
Printed Parts

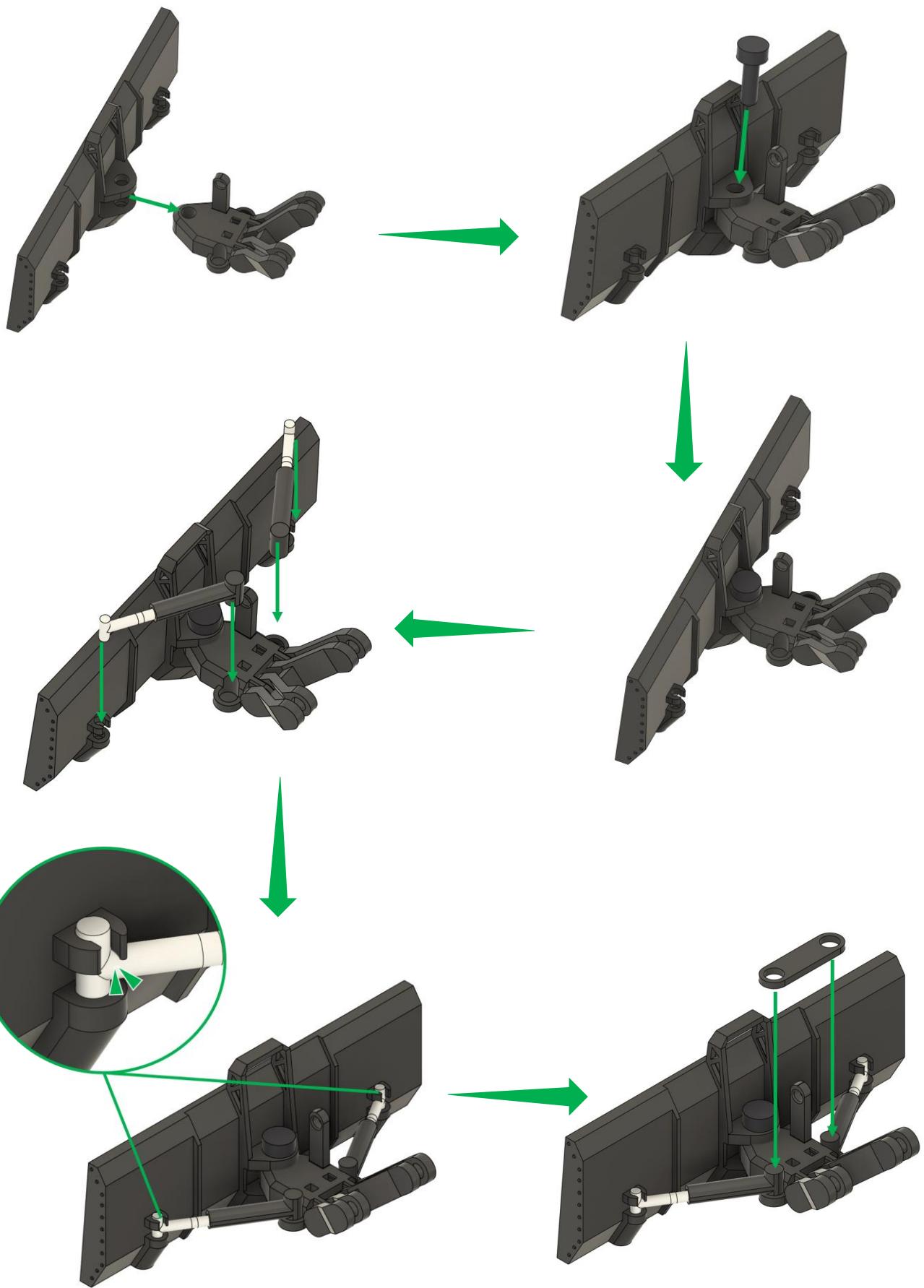
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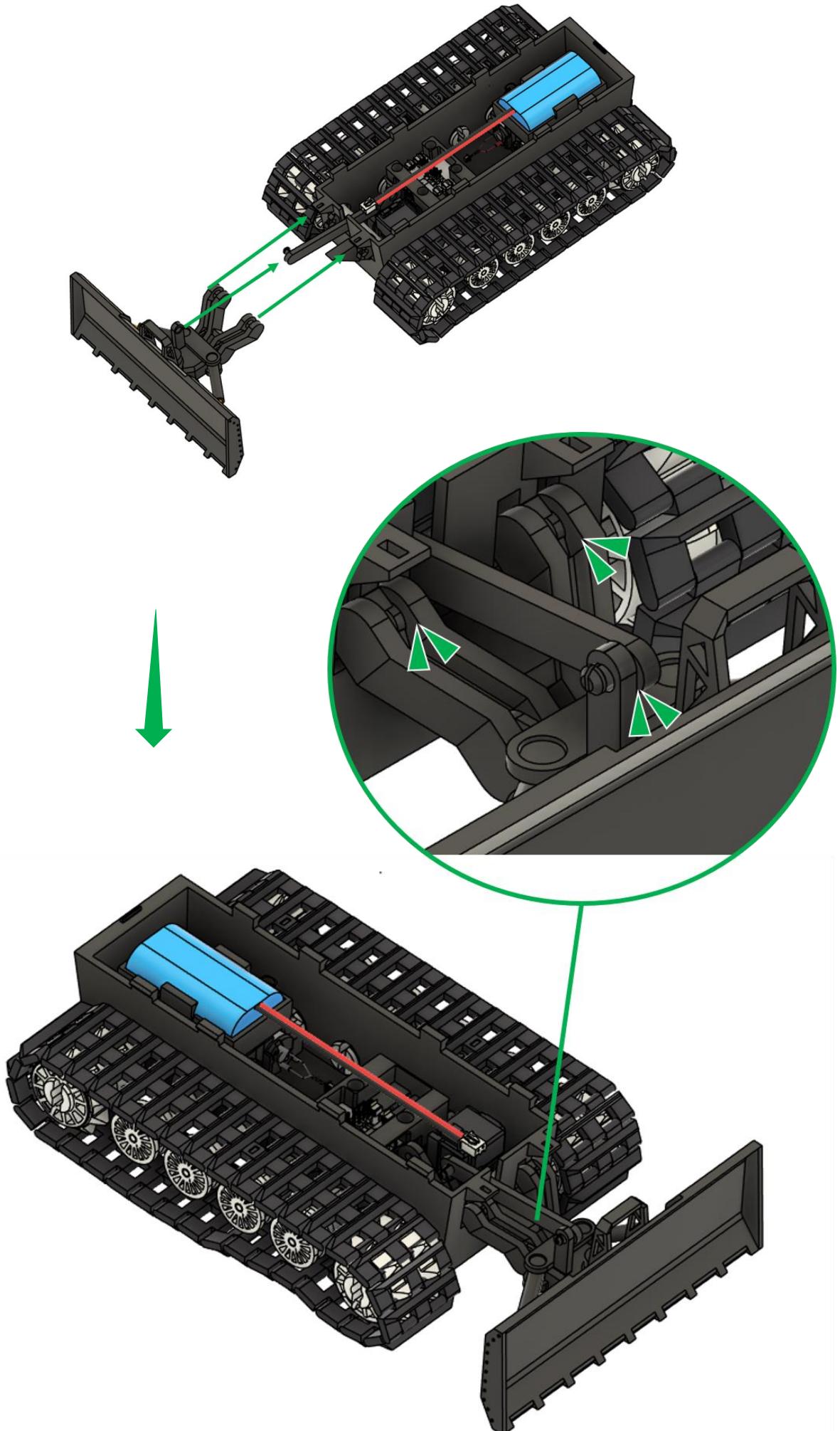


Repeat the step to obtain 2 pieces.

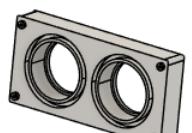
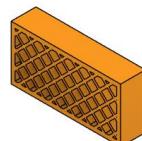
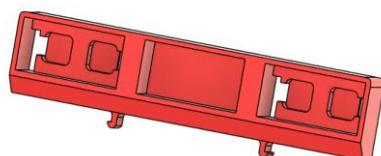
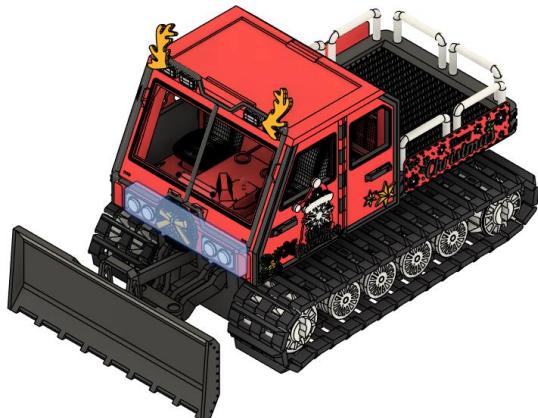
31







Assembly of Vehicle Lights



Printed Parts



1X

1X

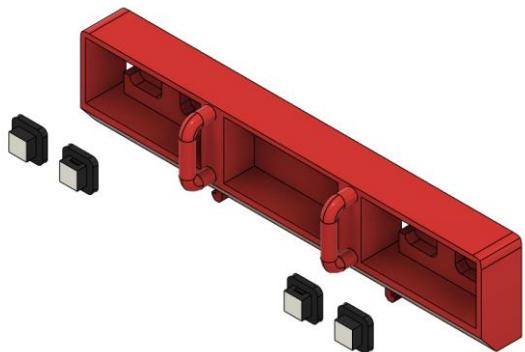
4X

Accessories

34



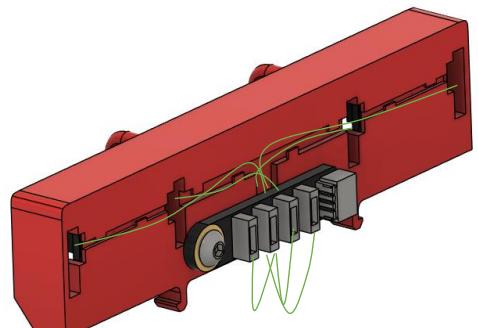
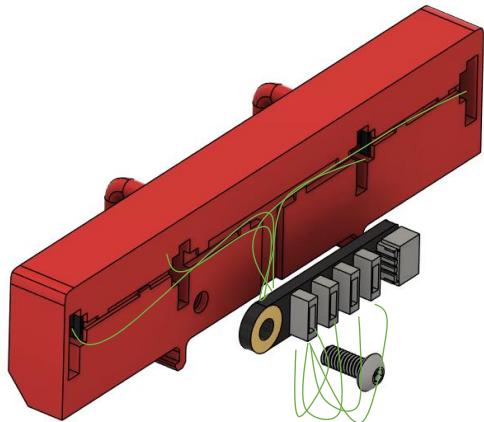
The wire for the 4 LED beads must pass through the hole to the back side.



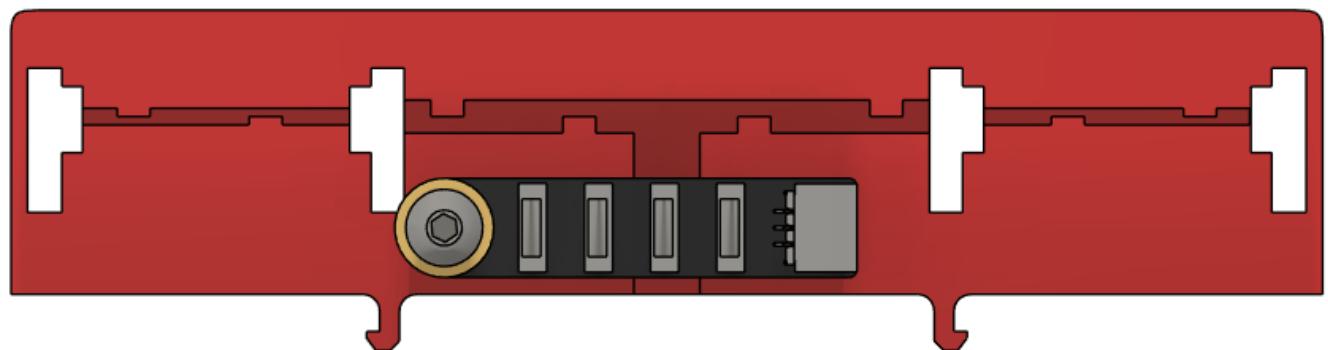
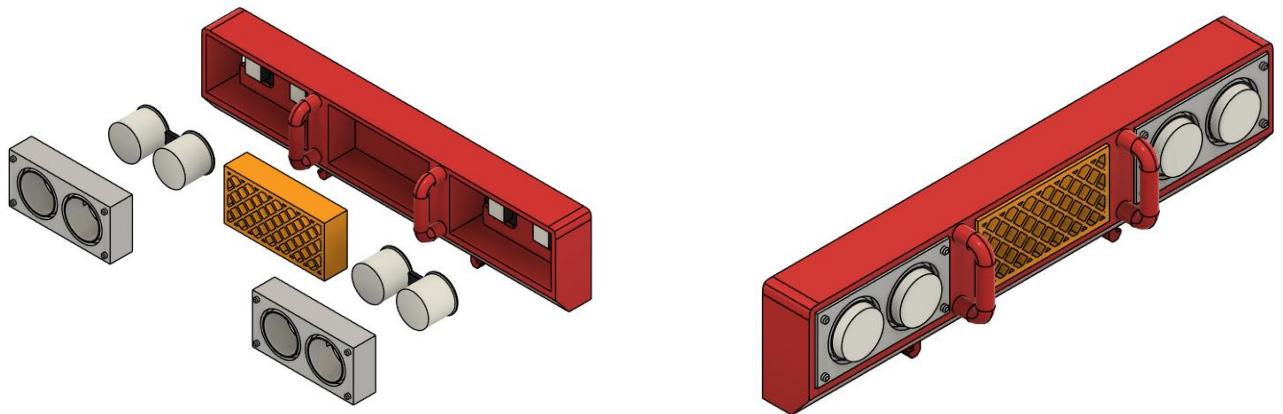
35



Please use an H1.5 Hex Driver



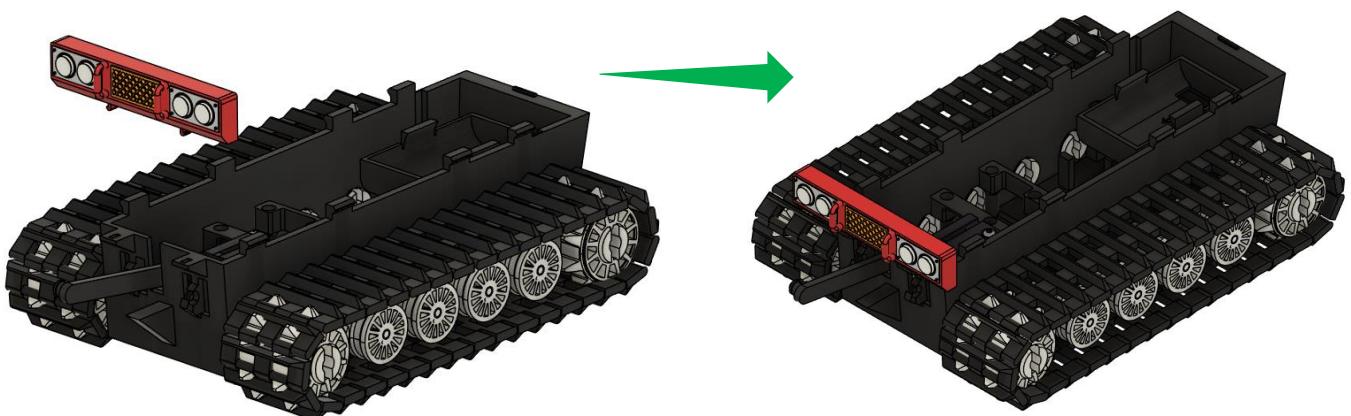
36

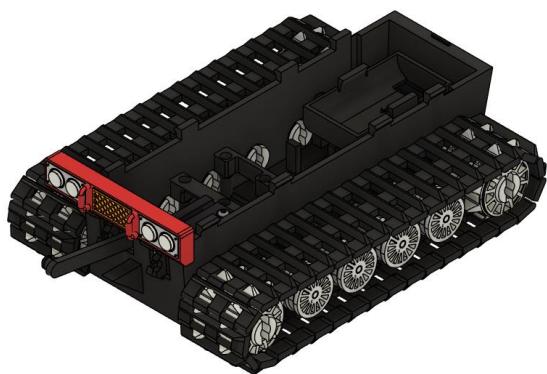


37



Insert the wire of the 4 LED beads
into the lamp board connector.

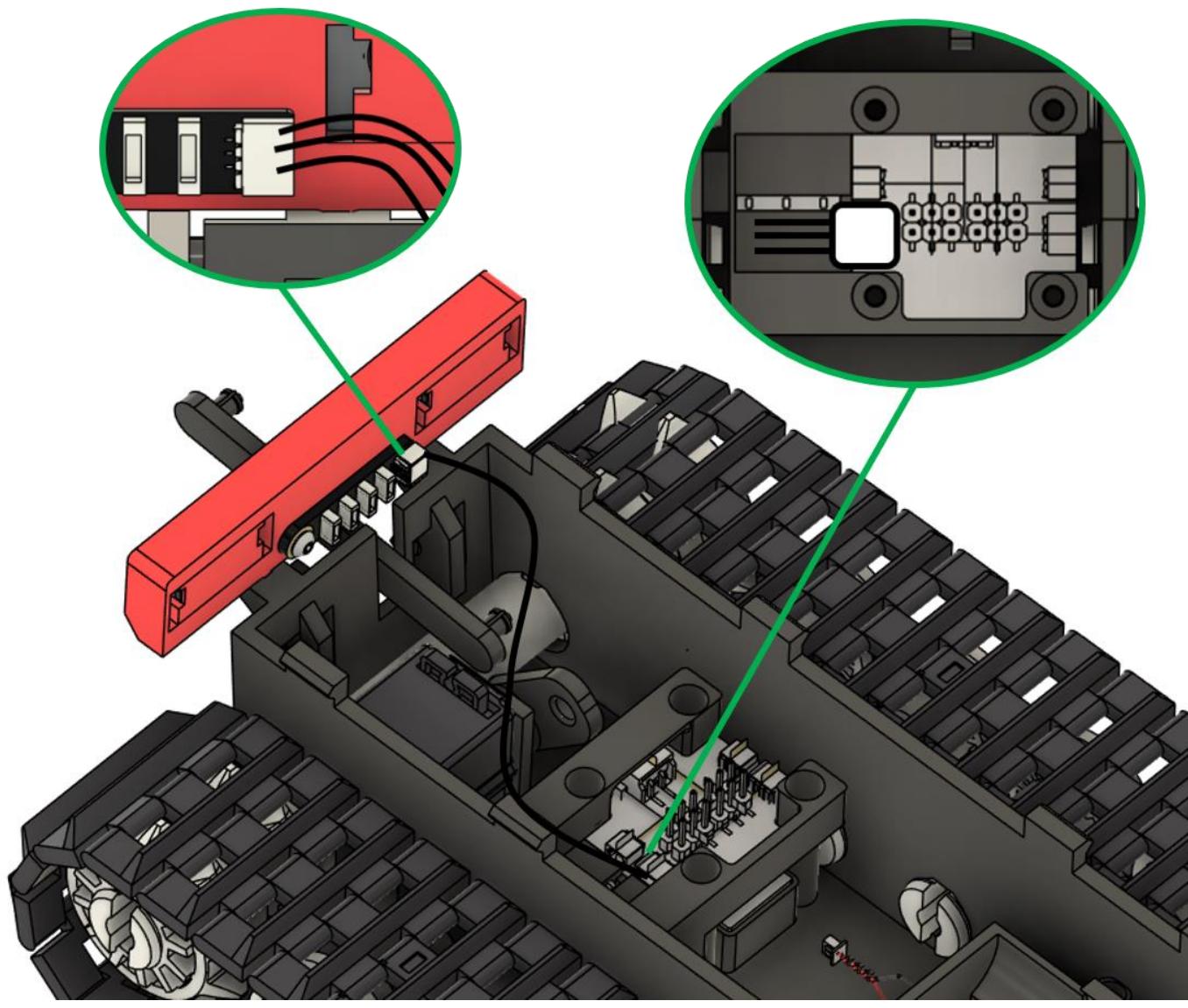




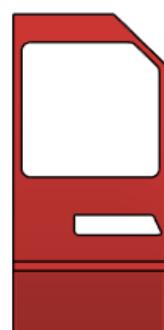
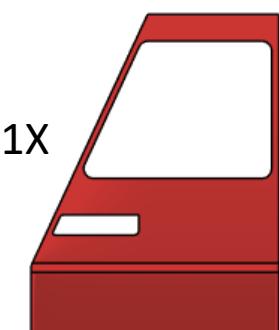
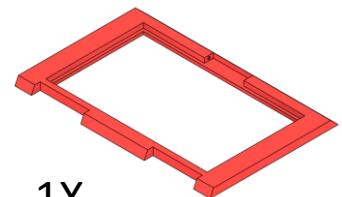
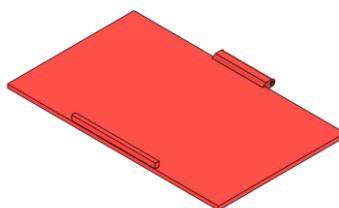
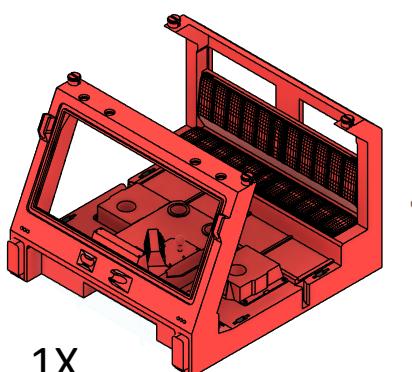
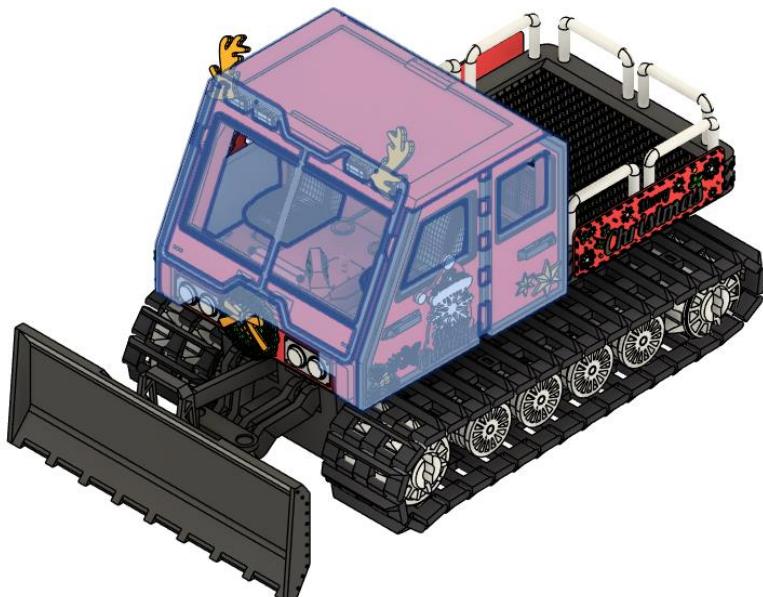
+



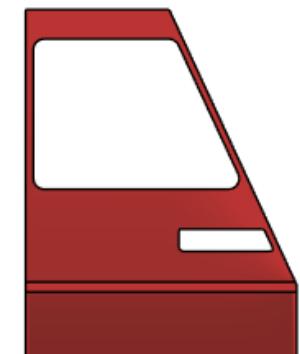
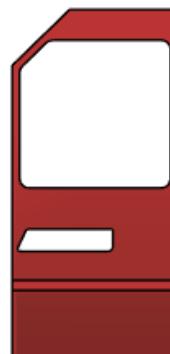
38



Assembly of Front Section



1X



1X

1X



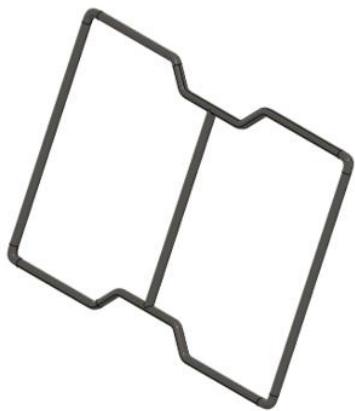
1X

1X

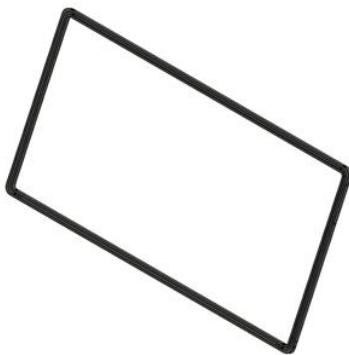
Printed Parts

1X

1X



1X



1X



2X



4X



2X



2X



1X



1X

Printed Parts

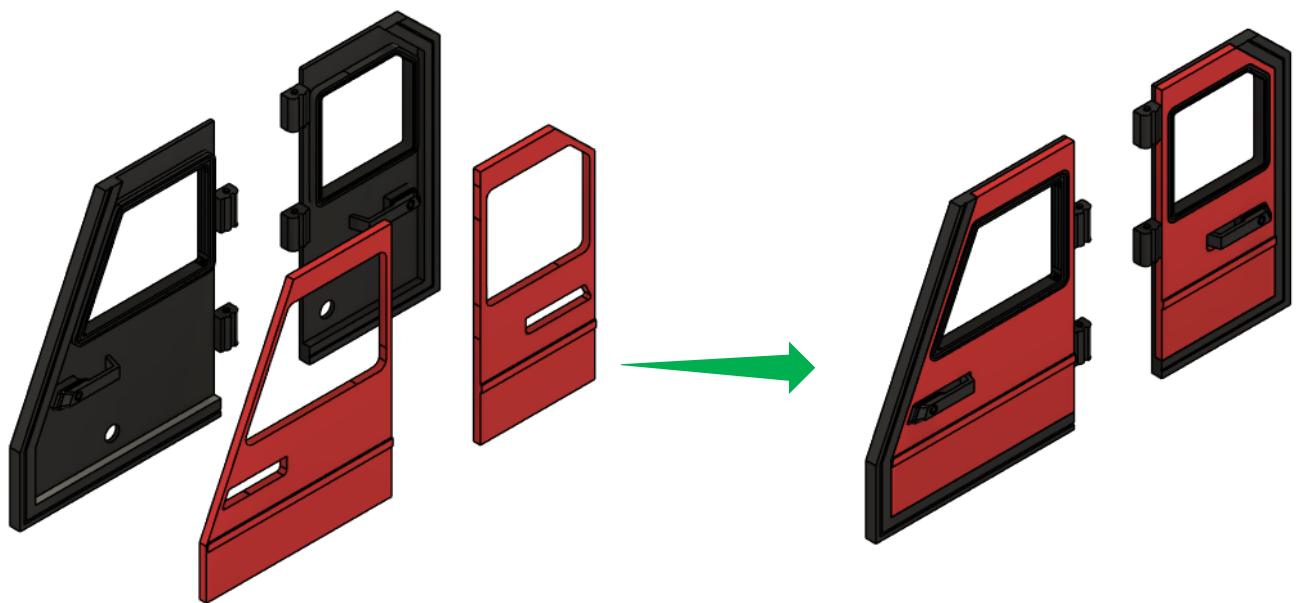


There is a notch at the bottom of the driver's seat.

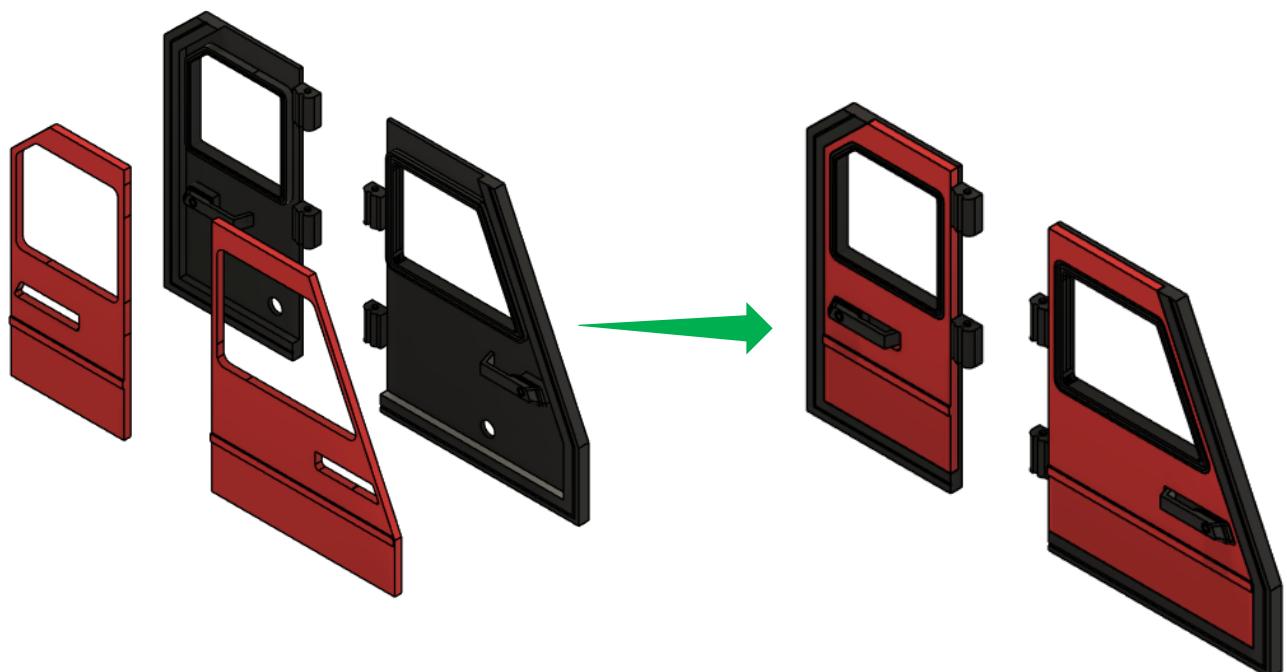


4x2mm magnet 8X

39

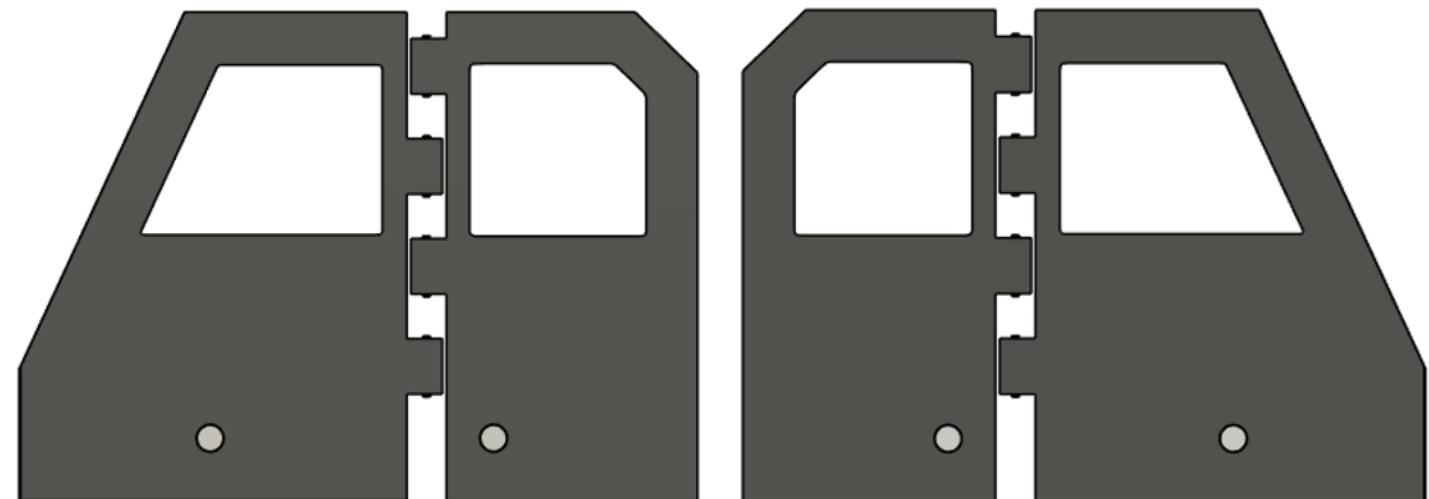
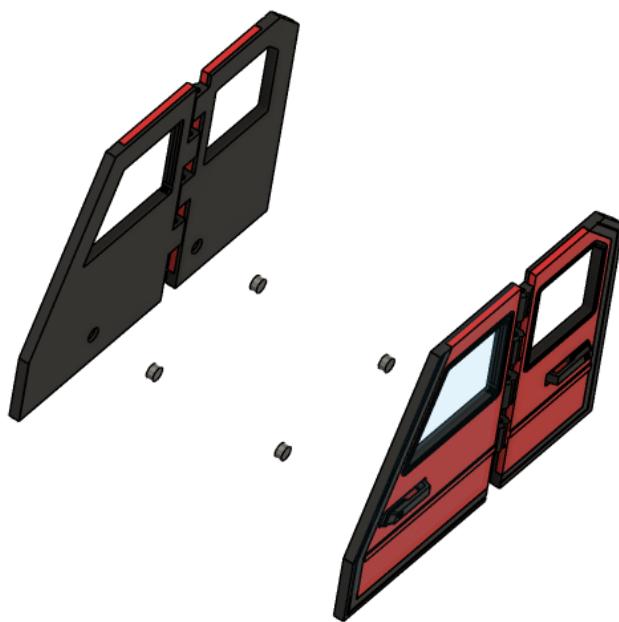


40

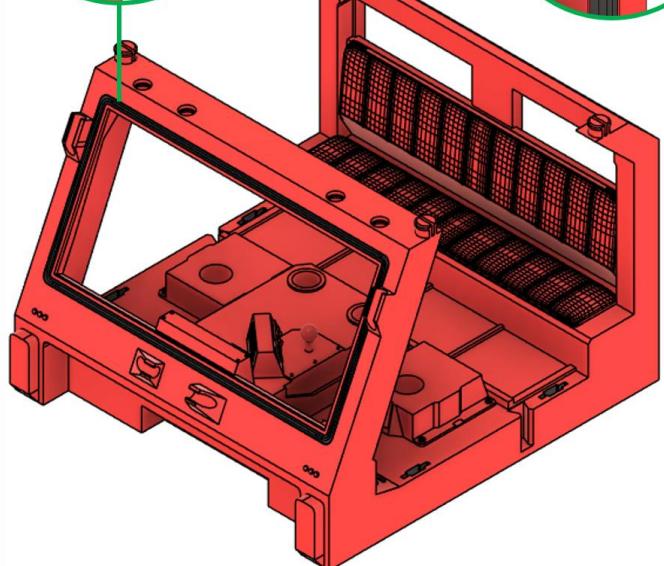
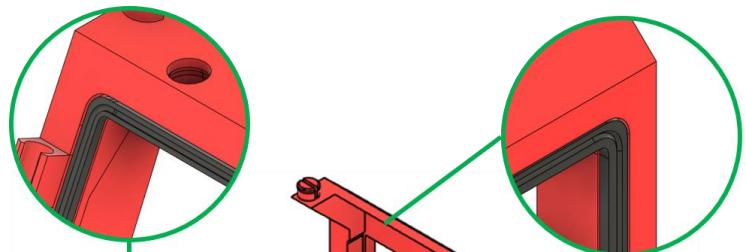
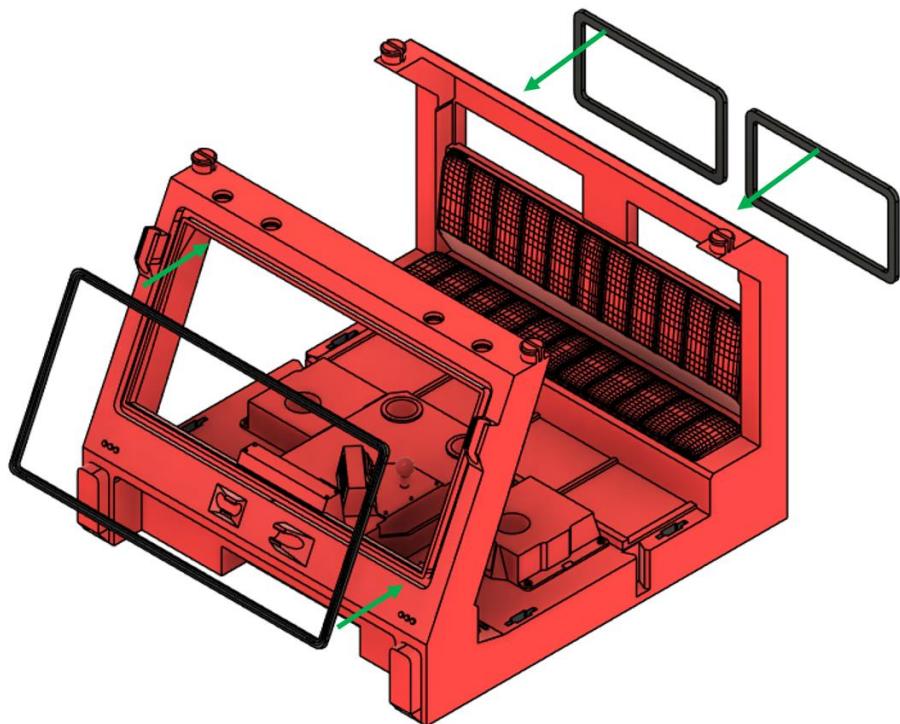


Distinguish between the left and right side doors. The round holes on the red part must align with the round holes on the black part.

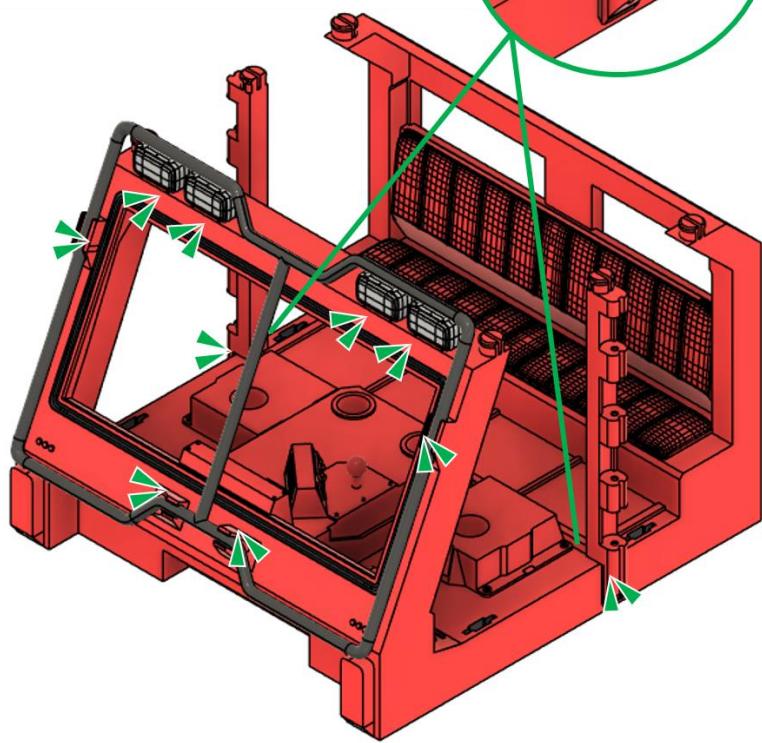
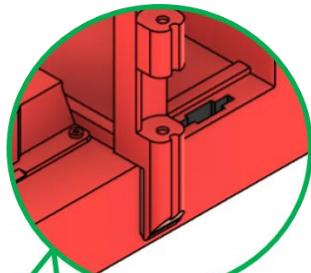
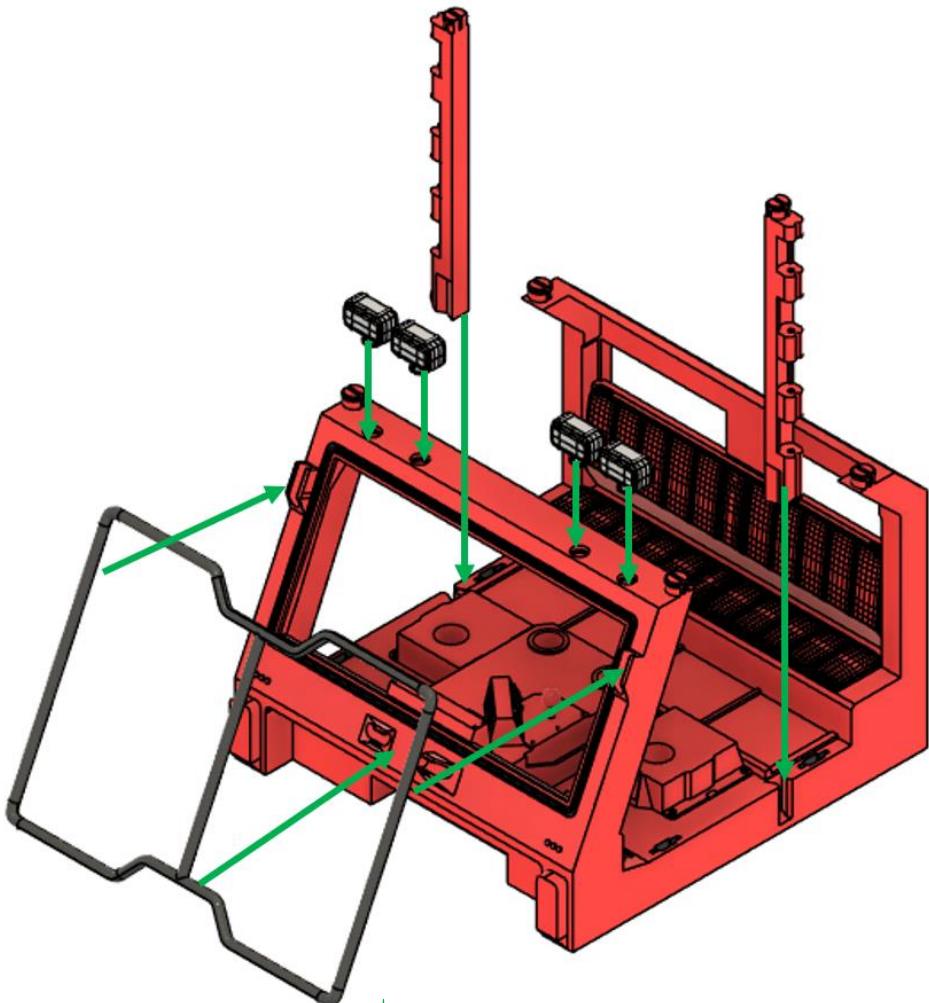
41



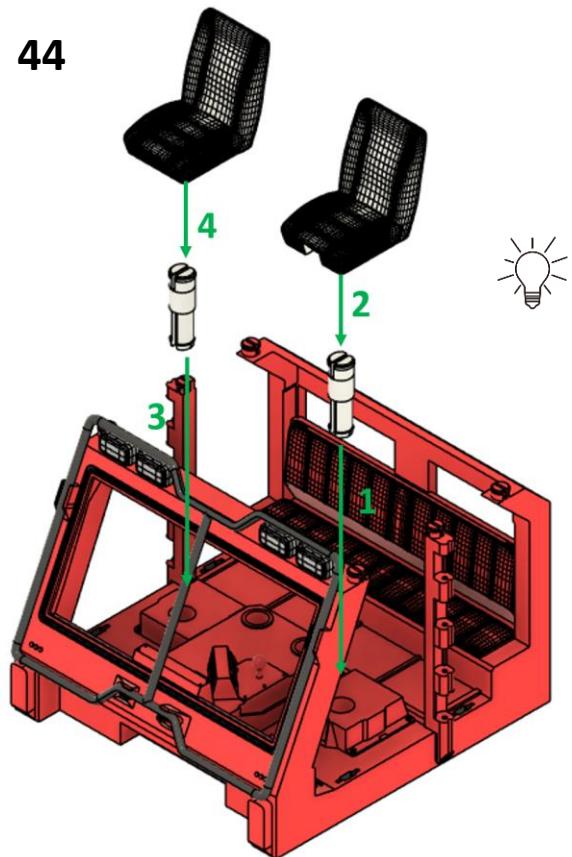
Ensure that magnets are installed
behind all four doors.



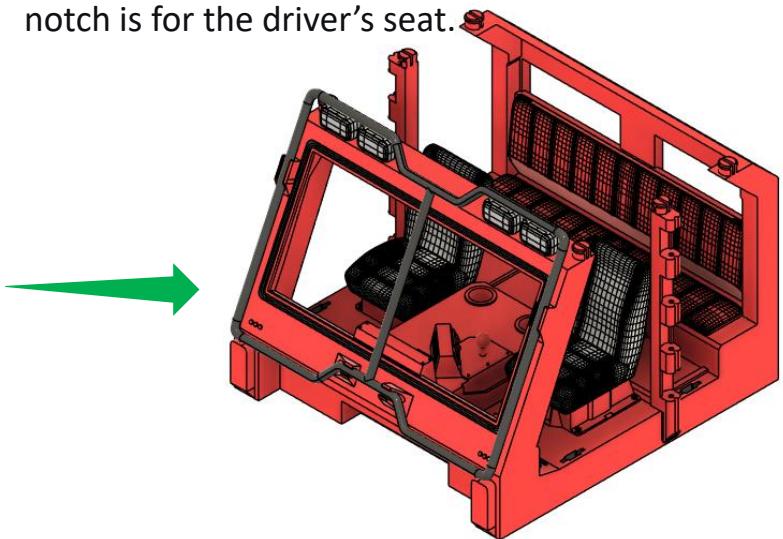
Align the front and rear windows and lights as shown in the illustration, then proceed with installation. Note that the grooves on the windows should face outward.



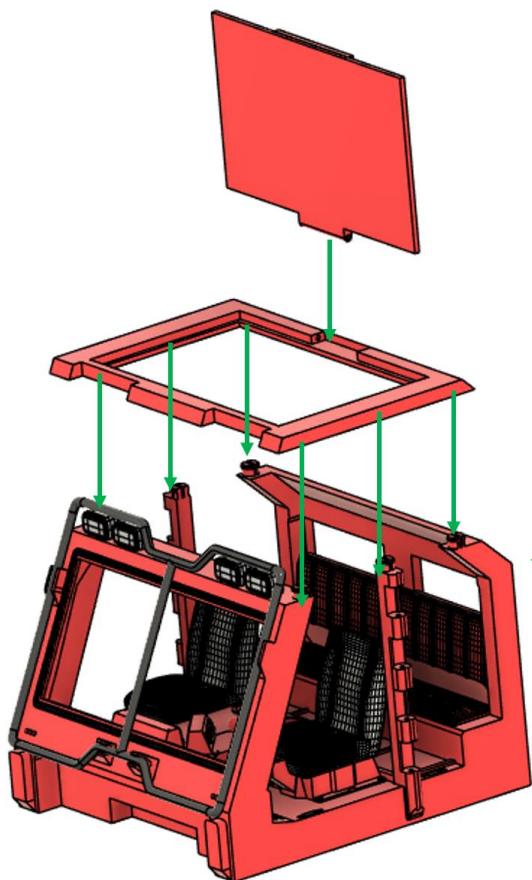
44



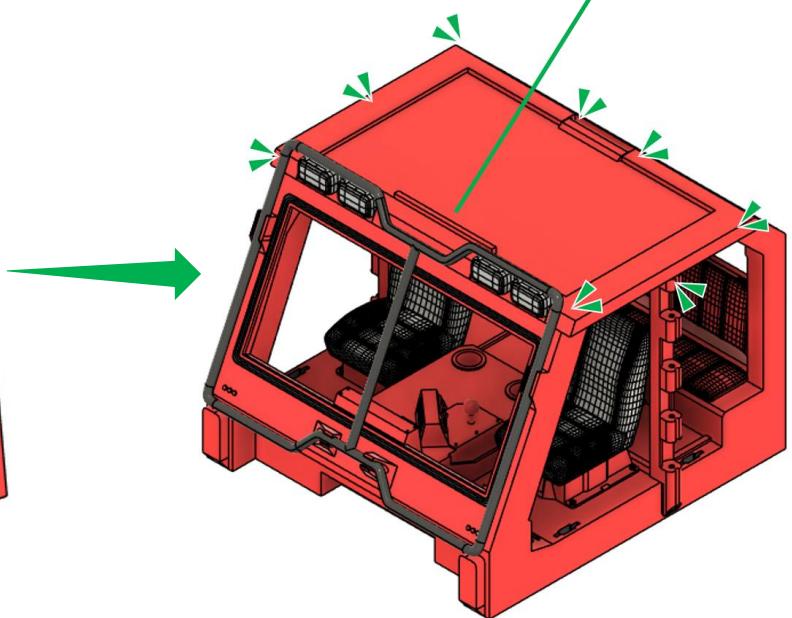
Note that the two seats are different; the one with the notch is for the driver's seat.

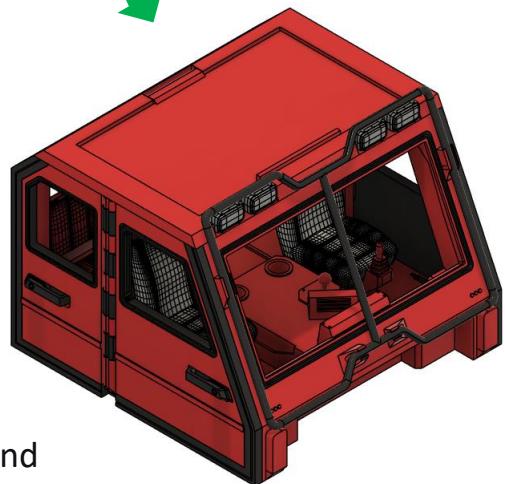
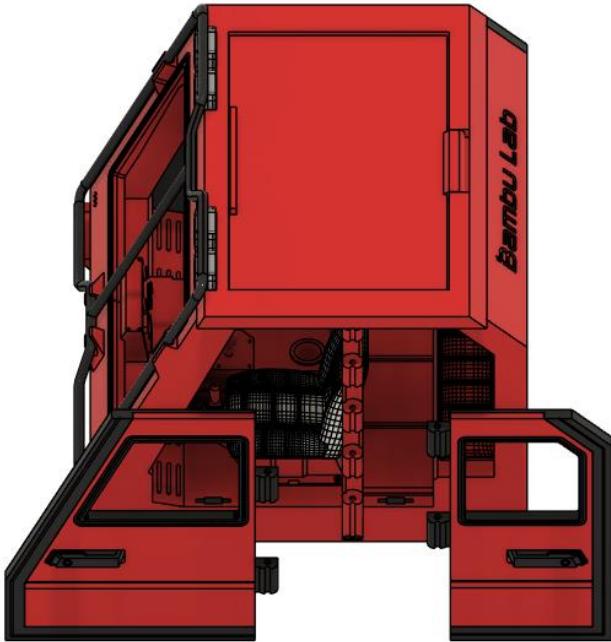


45

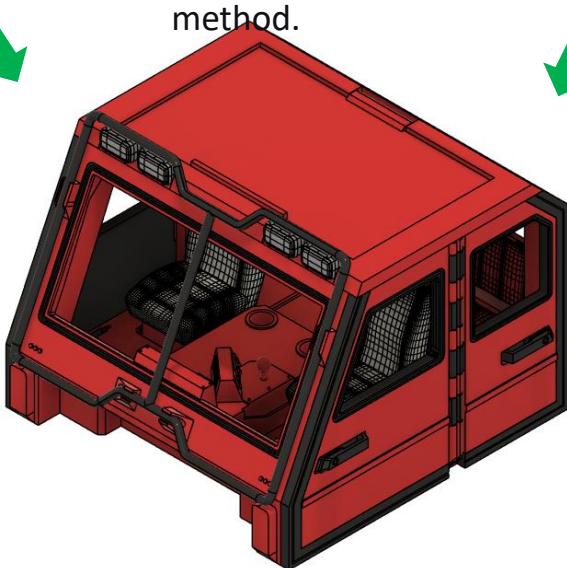


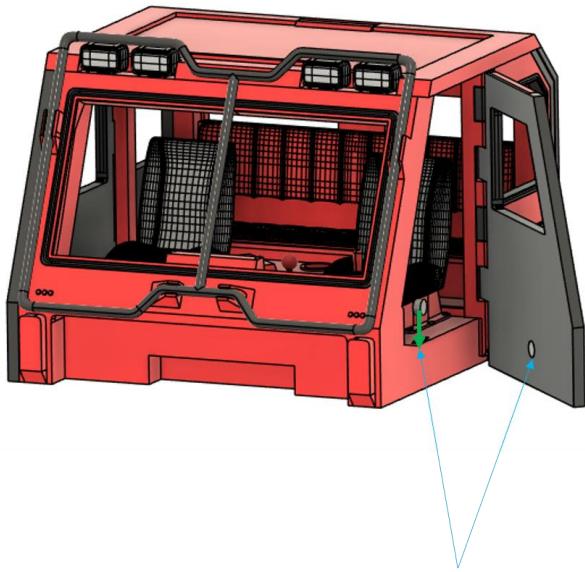
Note the orientation of the skylight.



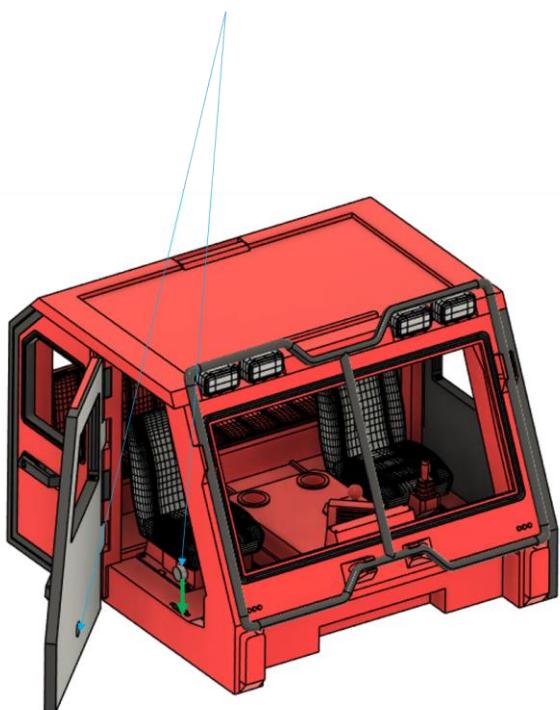


Install both left and right door panels using the same method.

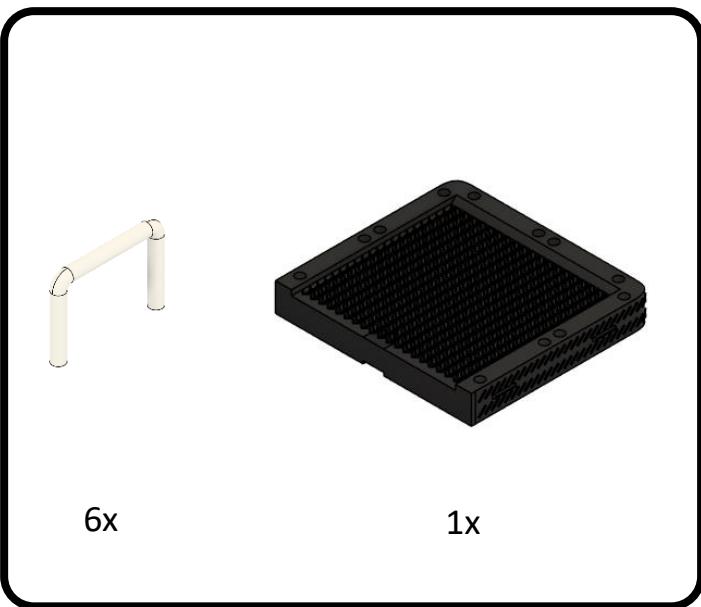




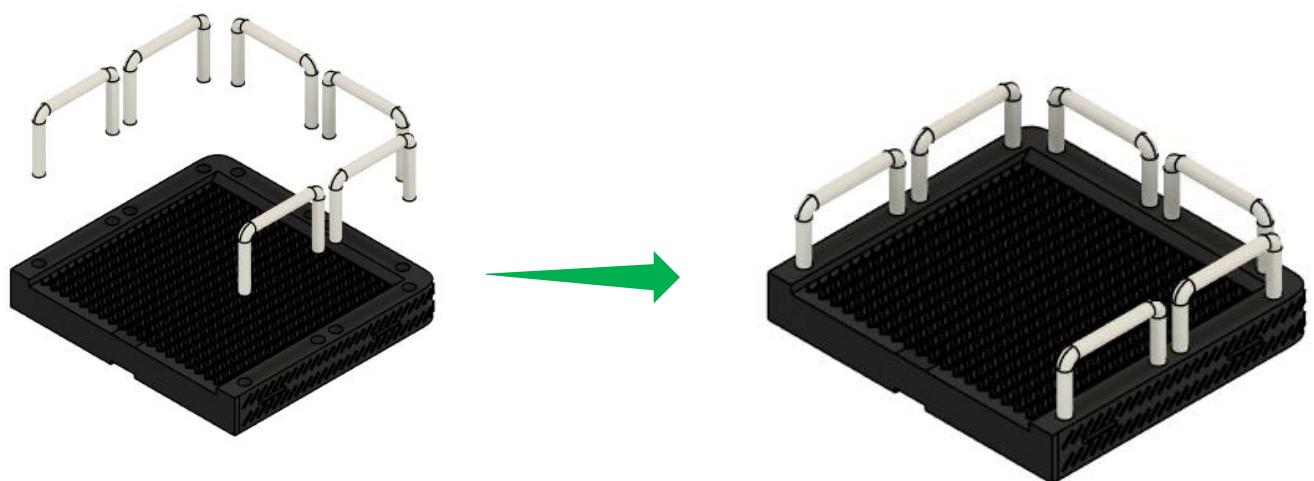
The magnets must be installed according to the polarity direction of the magnets on the door to avoid repulsion.



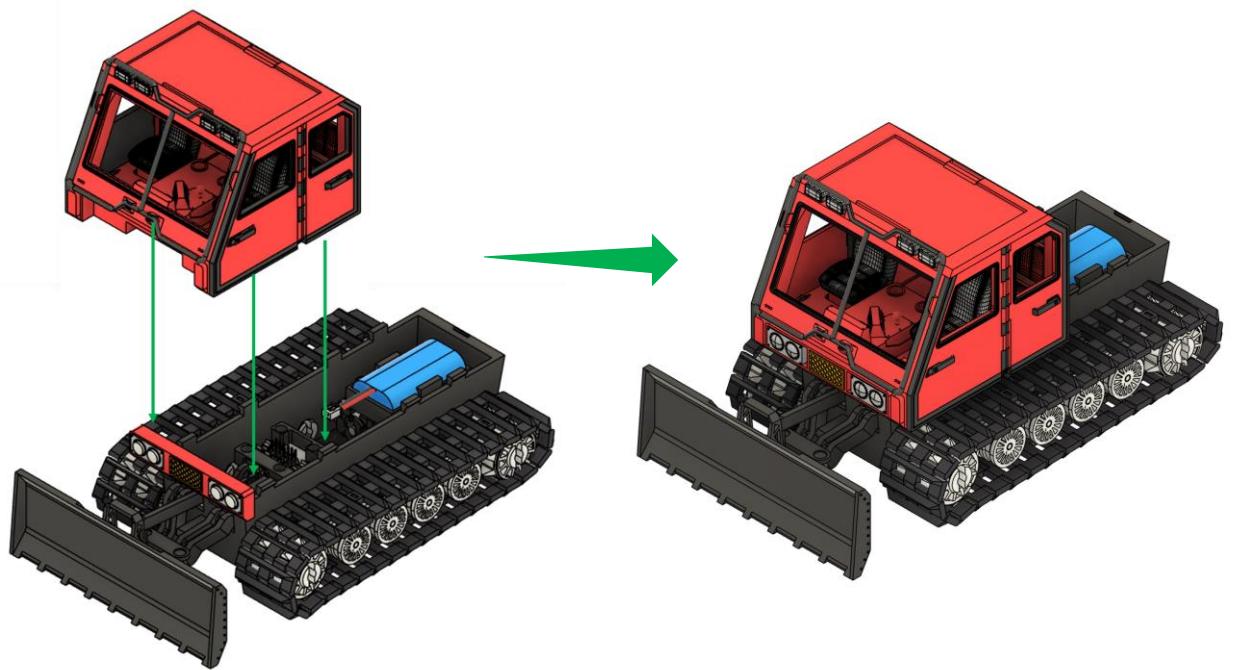
Assemble the Truck Bed



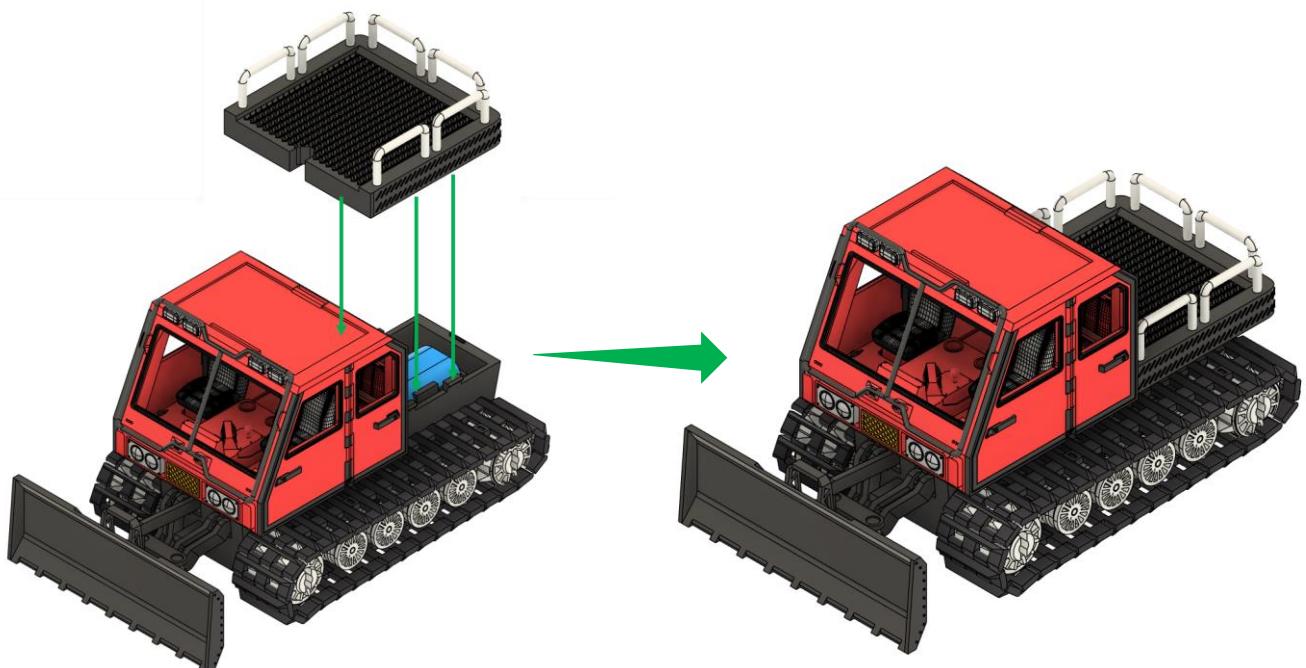
48



49

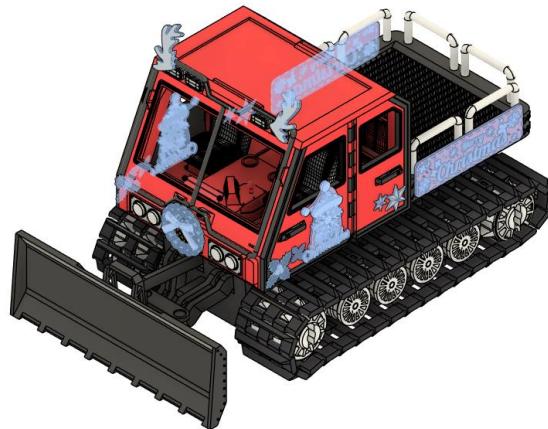


50



Align the holes and insert, then slide forward to secure in place.

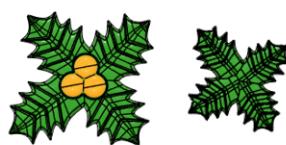
Assemble Decorative Components



1X



1X



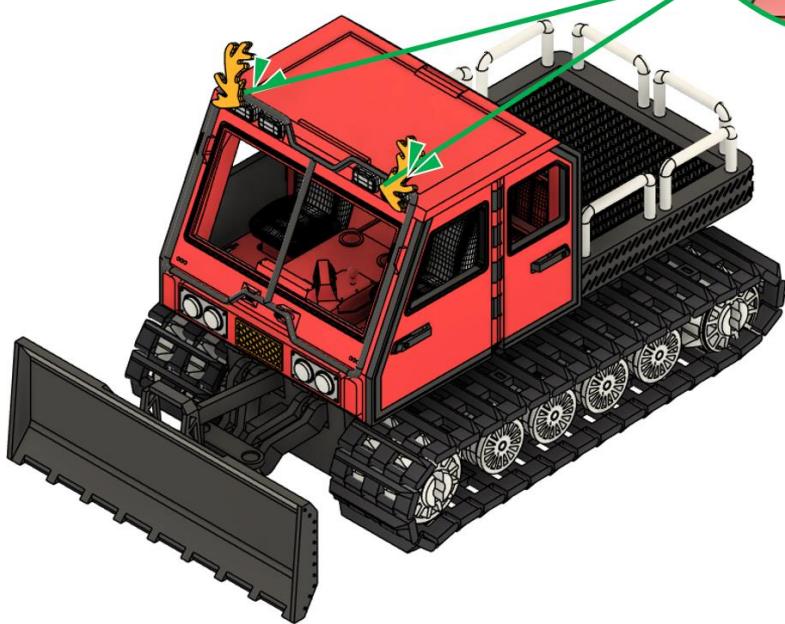
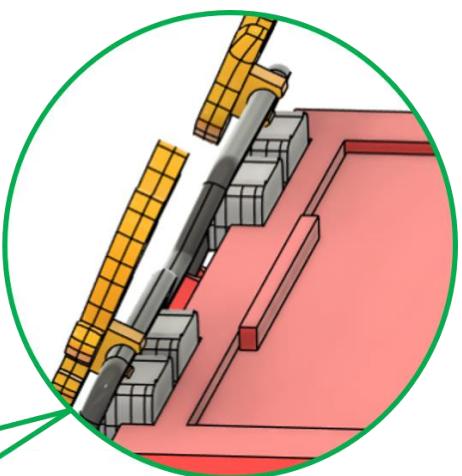
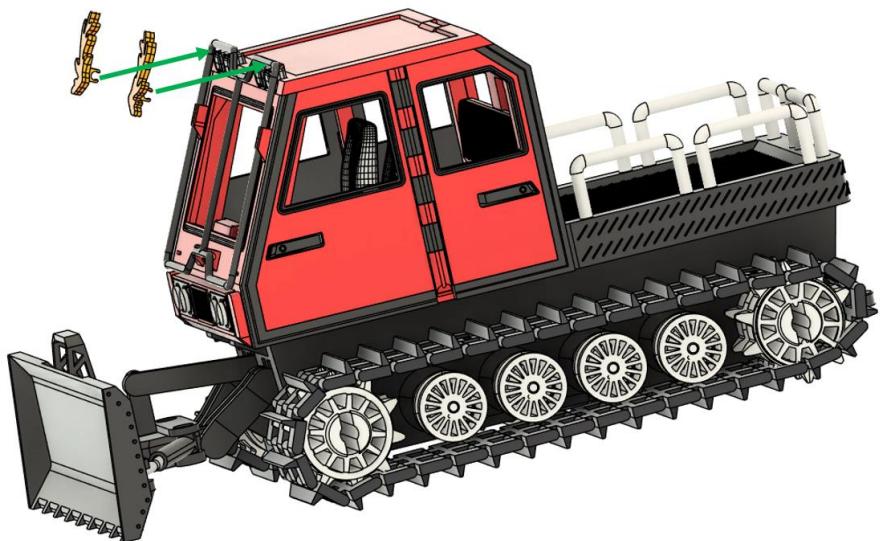
2X

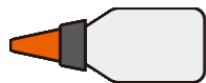
2X



2X

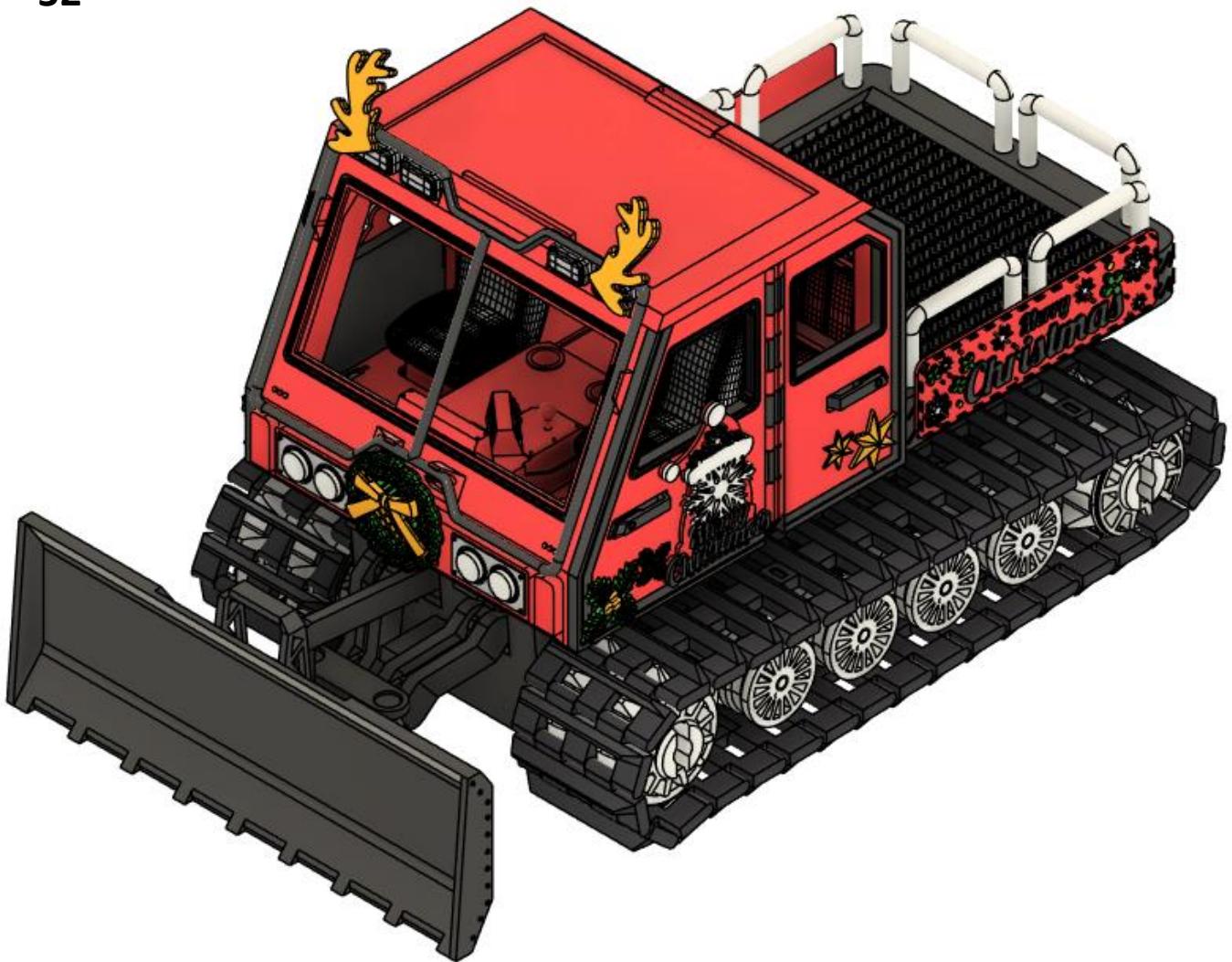
Printed Parts





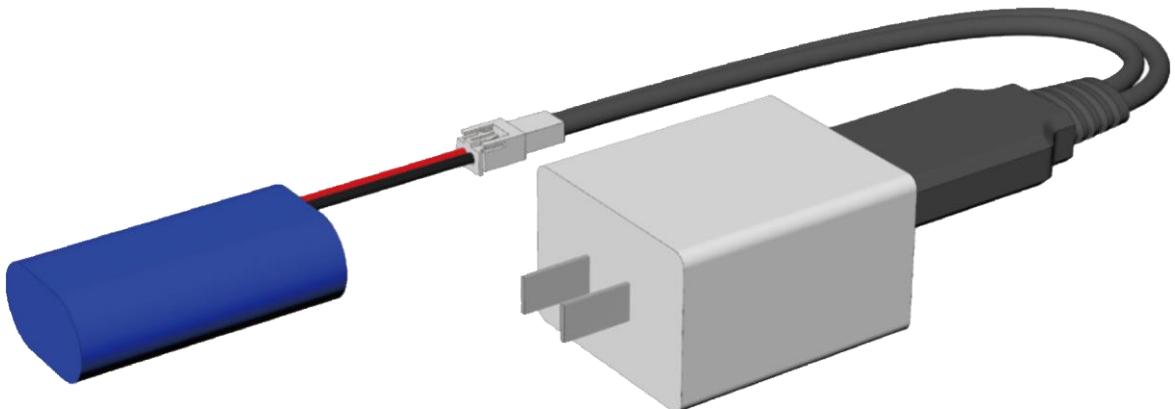
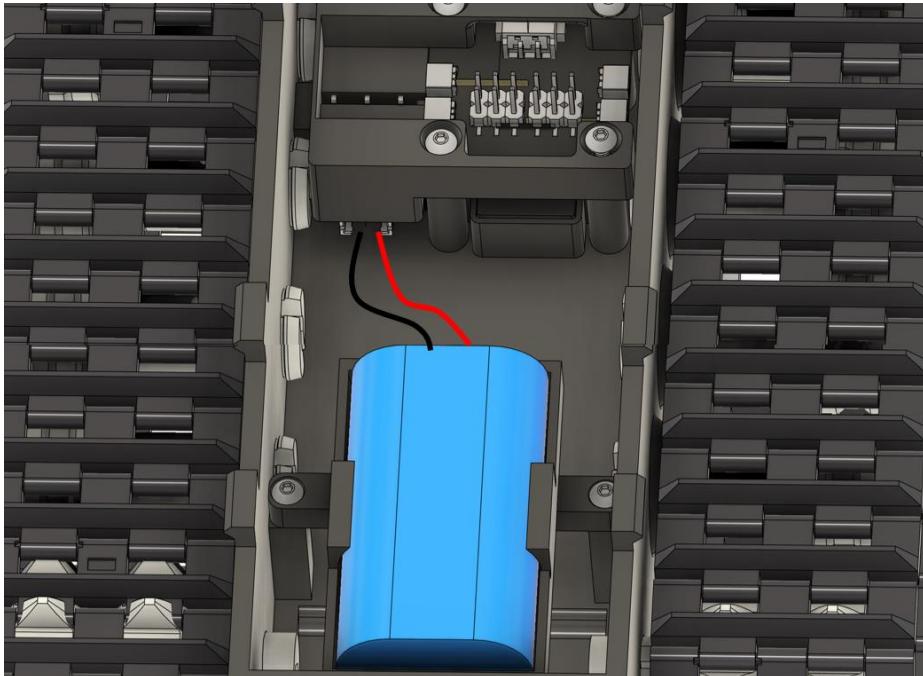
Please use glue for assembly.

52



The remaining decorative parts can be bonded according to the positions shown in the image.

How to Supply Power



Use a 5V 1-2A power adapter to connect the USB charger as shown in the image to charge the battery.

While charging, the red indicator on the power adapter remains solid;

it turns solid green when charging is complete.

Note: Please remove the battery from the model before charging!

Do not leave the charging process unattended!

Once charging is complete, promptly disconnect the power and remove the battery!