

10300 Back to the Future Time Machine

- Installation requires a lot of patience and great observation that your LEGO bricks will come alive when you get this finished. The bricks with lighting as below, so make sure you're ready and let's get started.



Strategies for the Installation

This instruction divides three sections to complete the installation of the lighting set.

Section A: Check the type and quantity of components.

The quantity and type of components of each products are different and it needs to be carefully checked to make sure there do have enough material. The type of components is indicated by the label on the bag.

Section B: Test that each components is working properly.

Each components is made individually so it is necessary to test that each components is working properly to avoid the situation that the lighting does not work .

Section C: laying out components following the instruction.

Our material is very small but not fragile, just be reminded that don't to pull the wires too hard. For different people, there may be some installation steps that you can't understand. Please look at the previous and later installation step.

Section A: Check the type and quantity of components.

This set contains eight bags labelled "1" "2" "3" "4" "5" "6" "7" "8", please make sure that the components in each bag are the same as shown in the pictures.



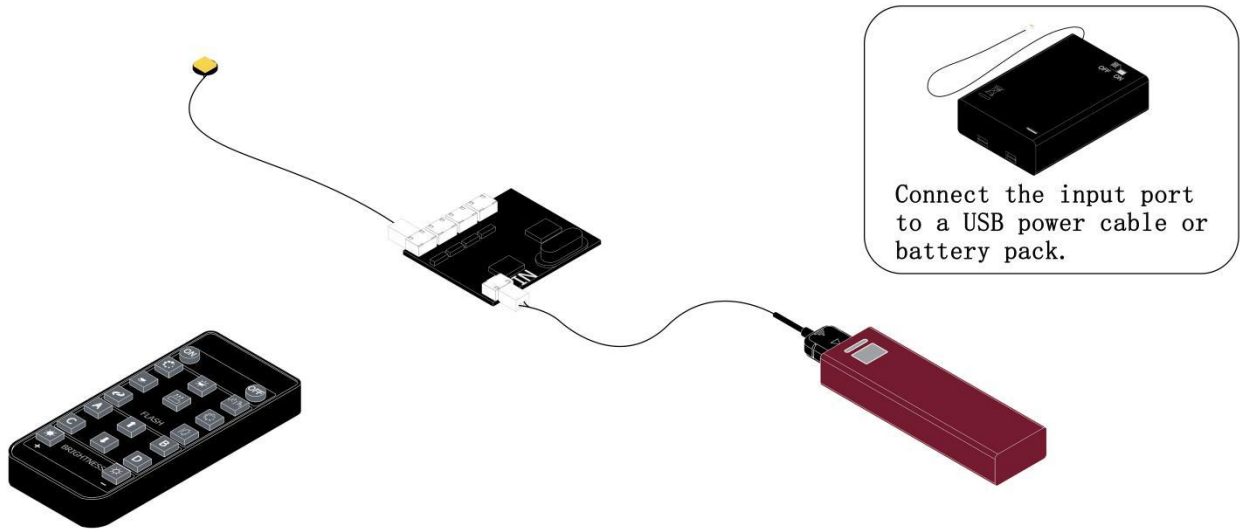


Remote control safety lock and battery model description

Batteries are not included in the remote control, please go to the nearest store to buy CR2025 or CR2032 button batteries to install in the remote control.



Remote Control Module Testing



Remove the light fixture from any bag and connect it to the output port of the remote control template.

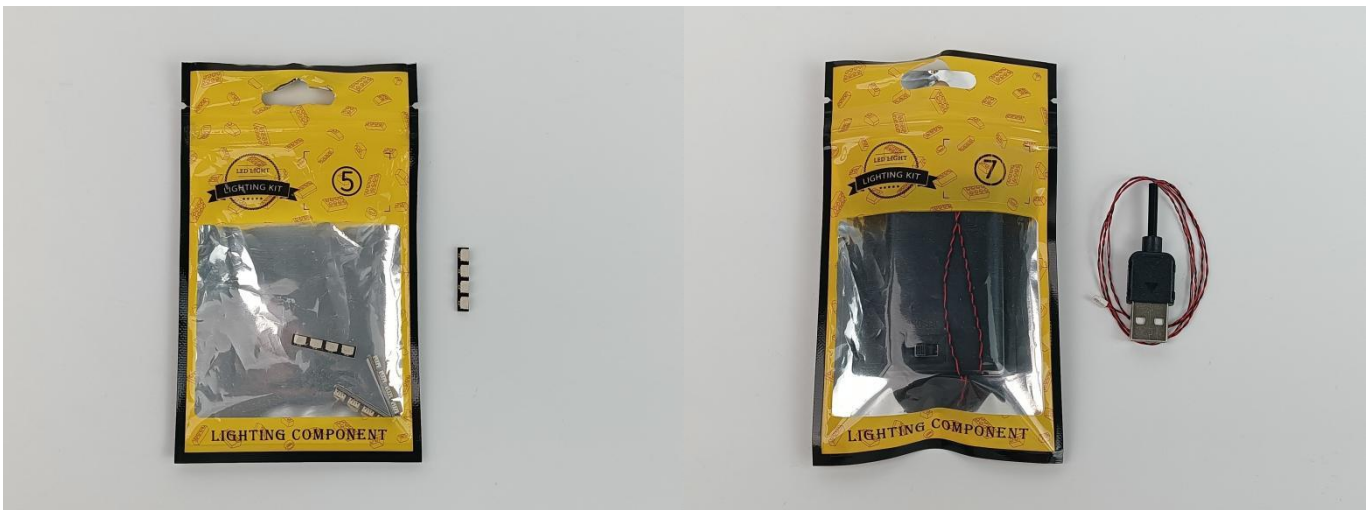
Testing Procedure:

1. Press the ON button on the remote control;
2. Observe whether the lighting fixture illuminates;
3. Press the OFF button on the remote control;
4. Test each output port individually.

Please contact us immediately if there have any missing components.

Section B: Test that each components is working properly.

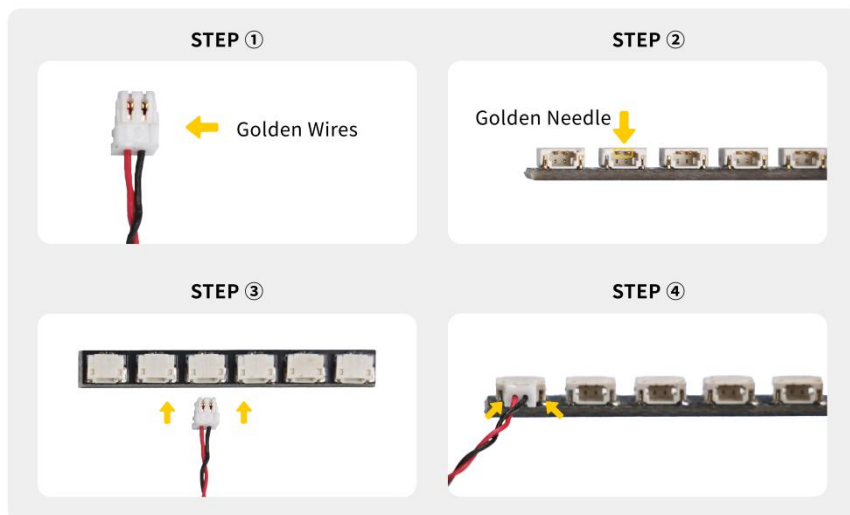
Take out the expansion board and USB power cable from "No. 5 bag " and the " No. 7 bag" .



It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

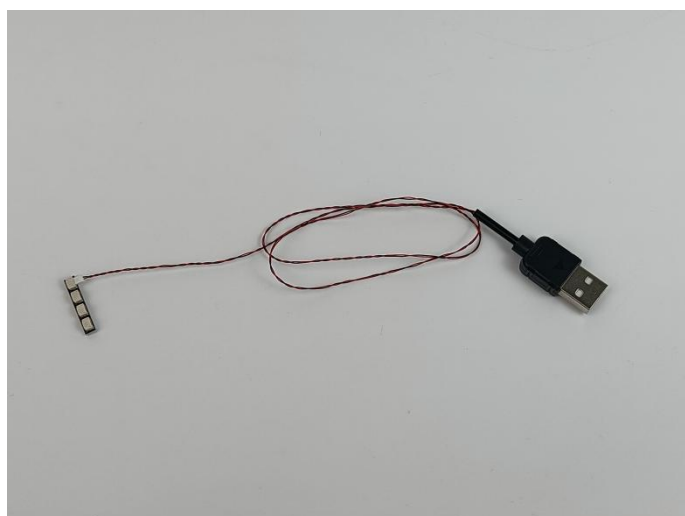
Note that on one side of the white plug you can see two very small golden wires that should be connected to the two golden needles in socket of the expansion board. shown as blow.

Side-Mounted Expansion Board



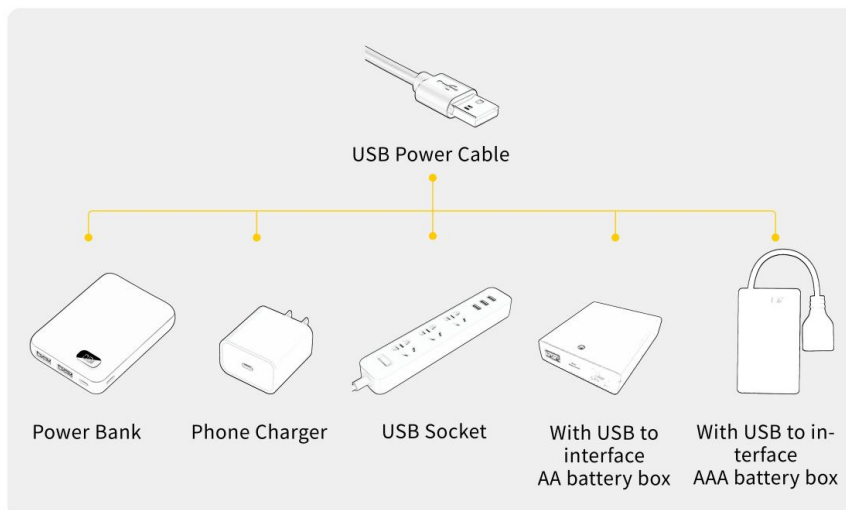
All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

The connection method between the USB Power Cord and Expansion Boards is as follows:



The USB Power Cord can be powered by phone chargers, power banks, etc.

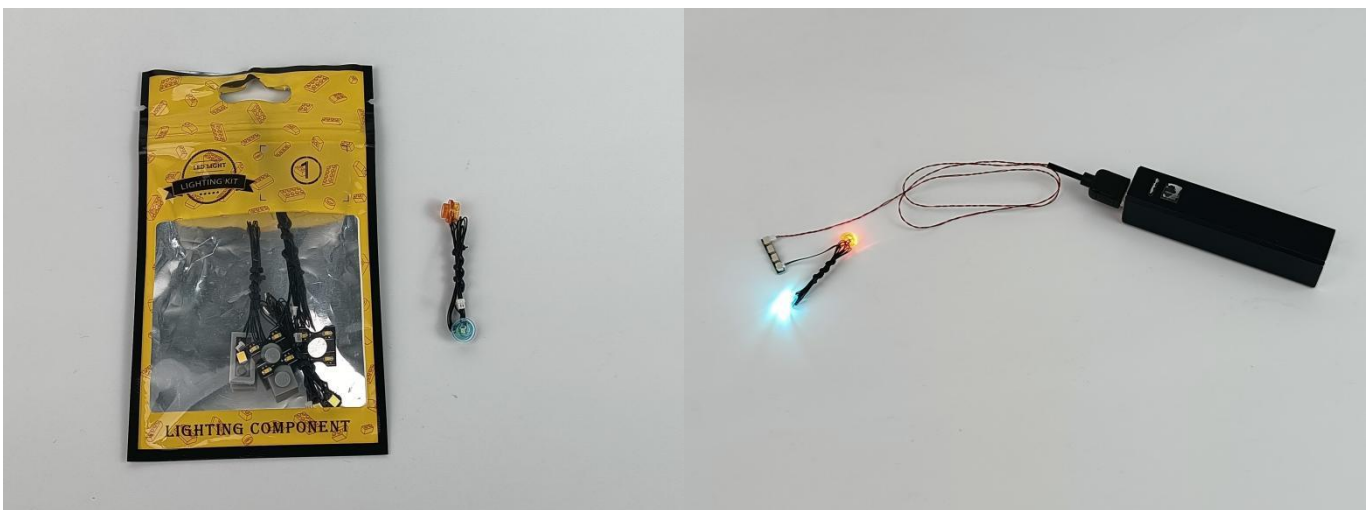
USB Connectors to Connect Devices



This instruction will use the power bank as power supply . The test structure is shown as follow. All lamp in this set will be tested by this structure.



When we test the "①" lighting fixtures, remove one of them and connect it to the socket. Turn on the portable power bank, and the light strip will light up normally, as shown in the figure below.

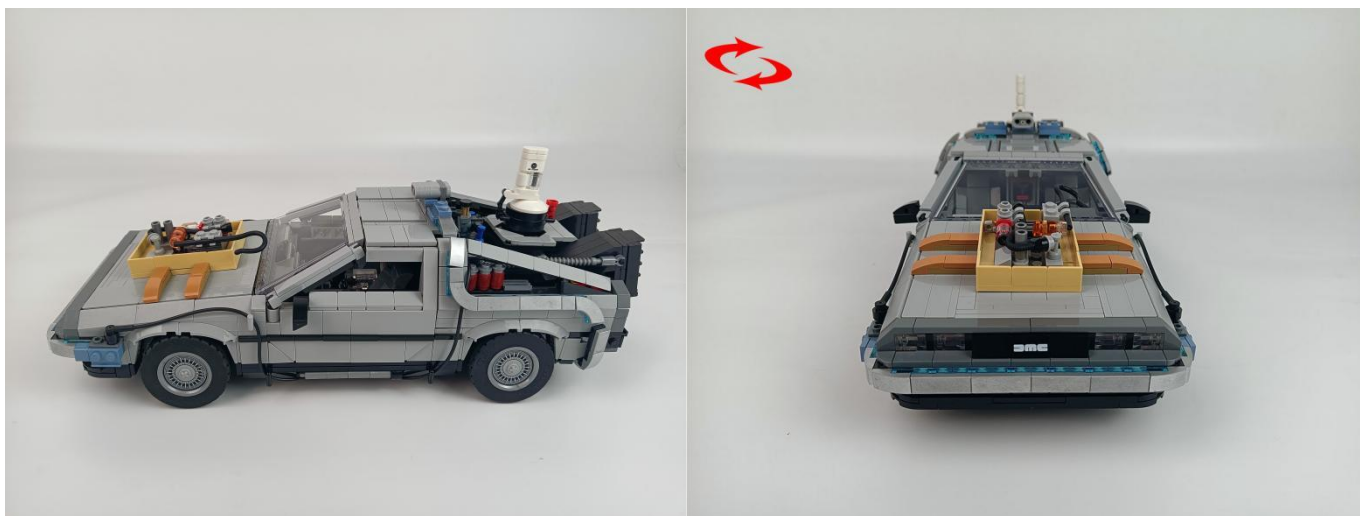


Test each lamp according to this method. It should be noted that after the test, the lamp must be returned to the corresponding bag to avoid confusion of types.

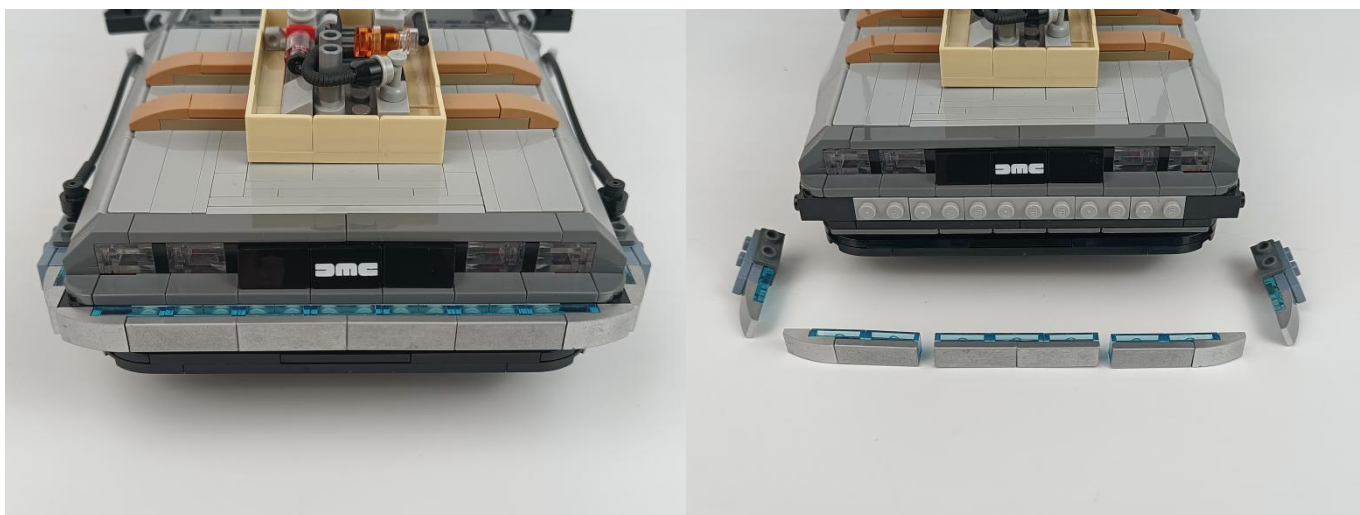


Section C: laying out components following the instruction.

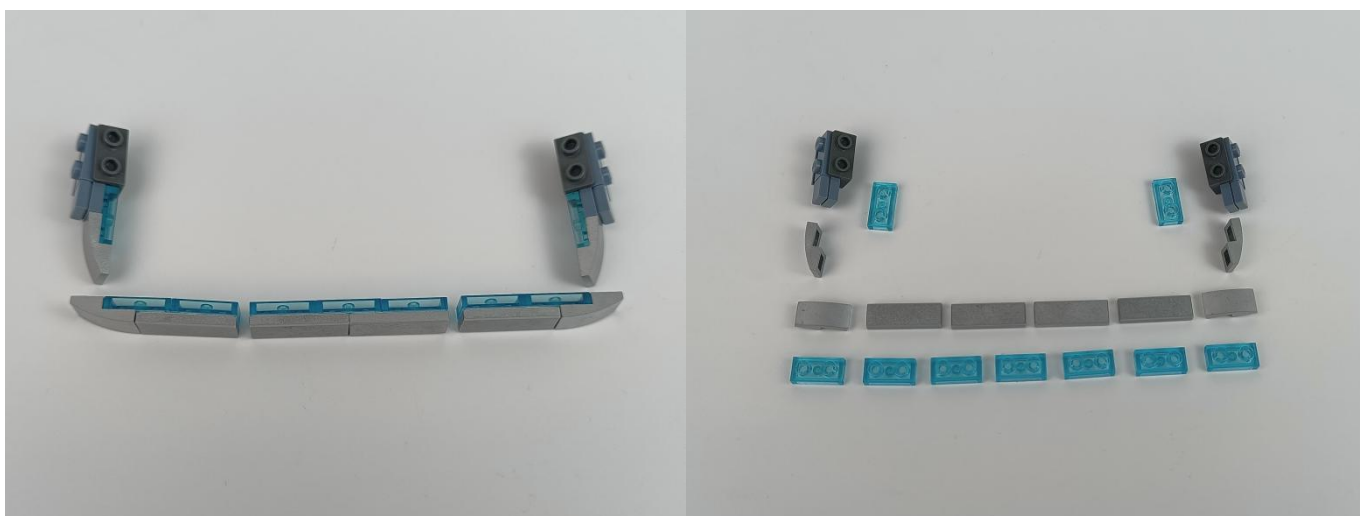
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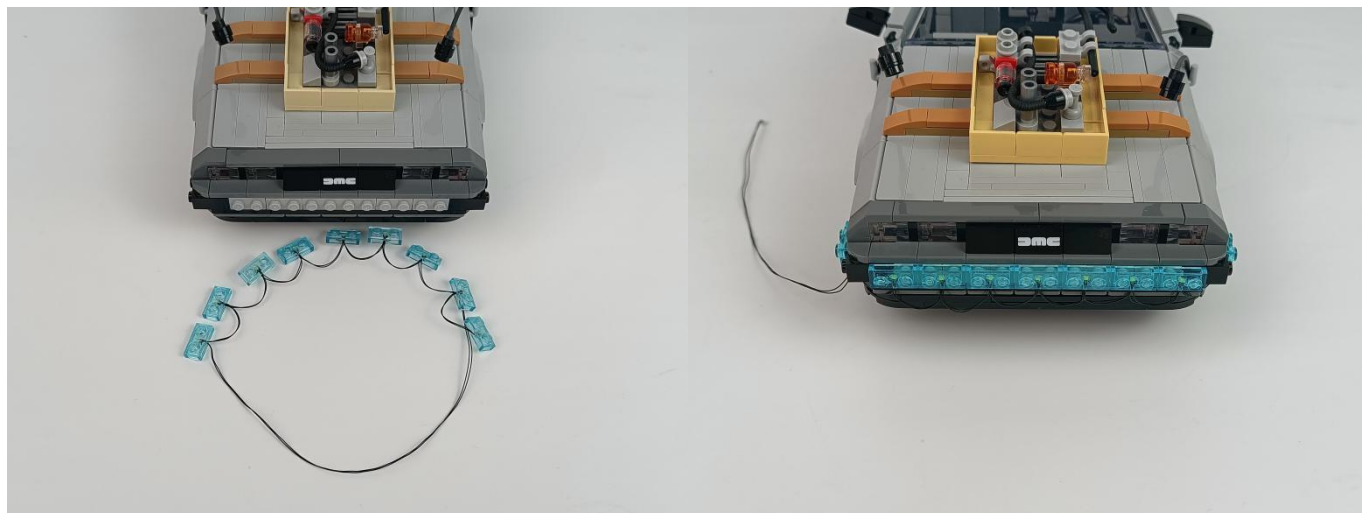
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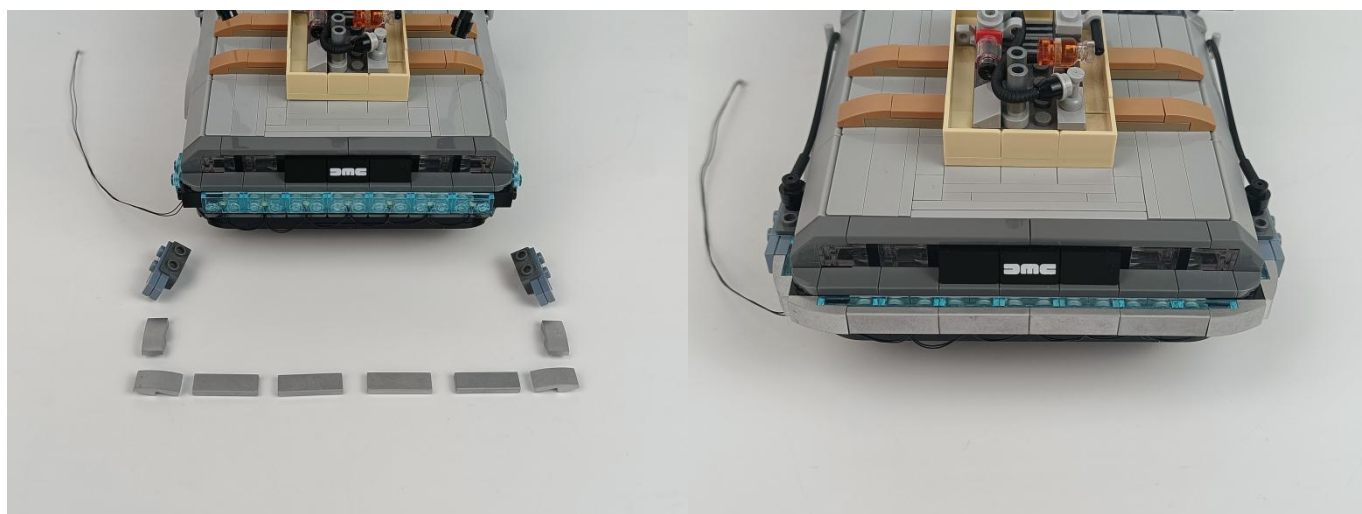
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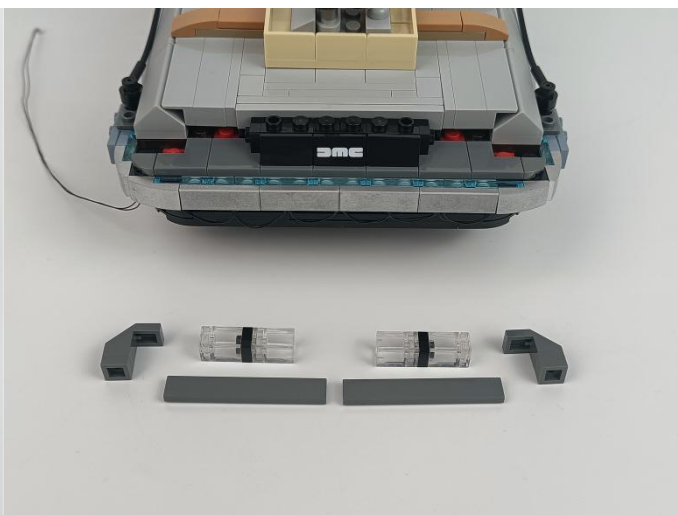
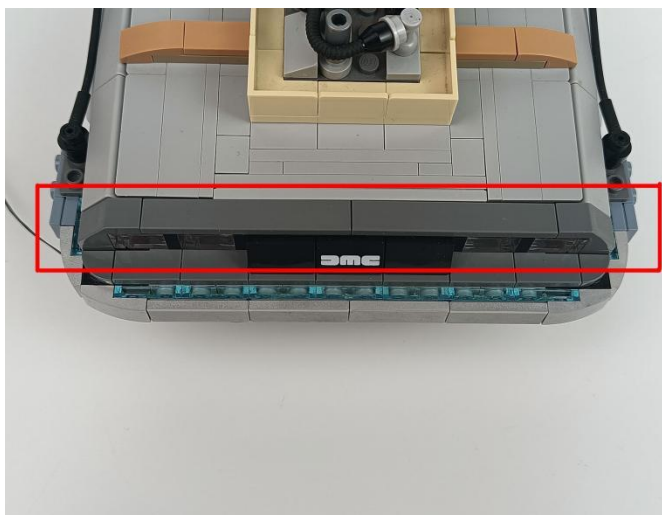
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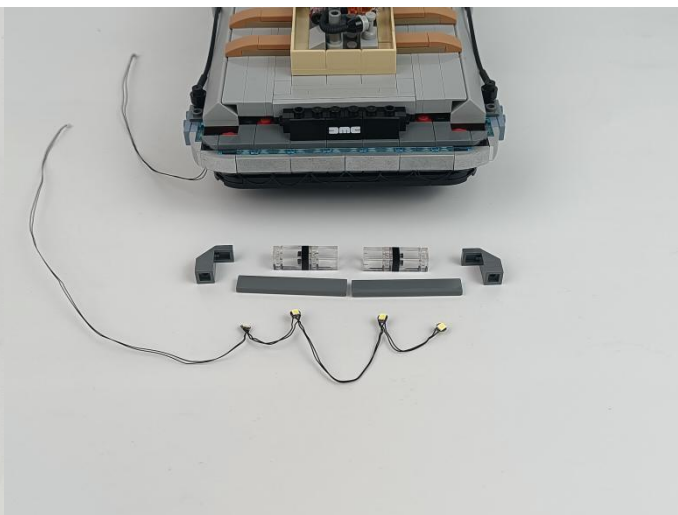
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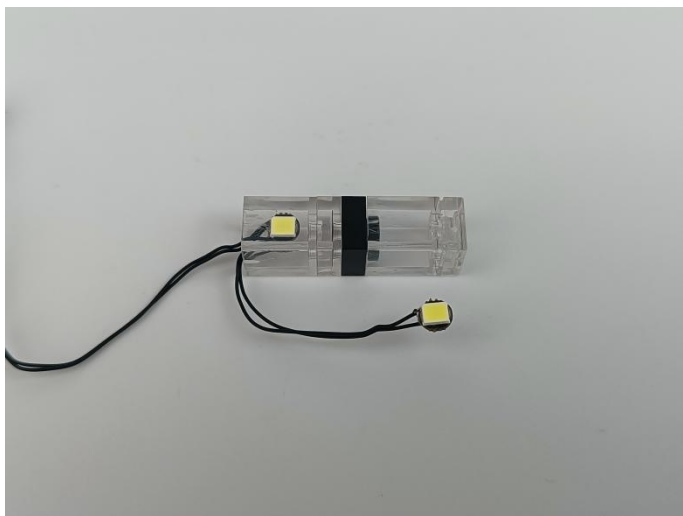
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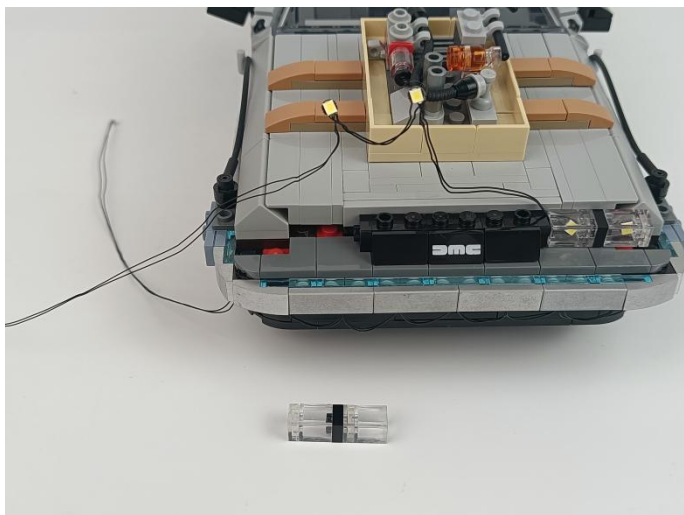
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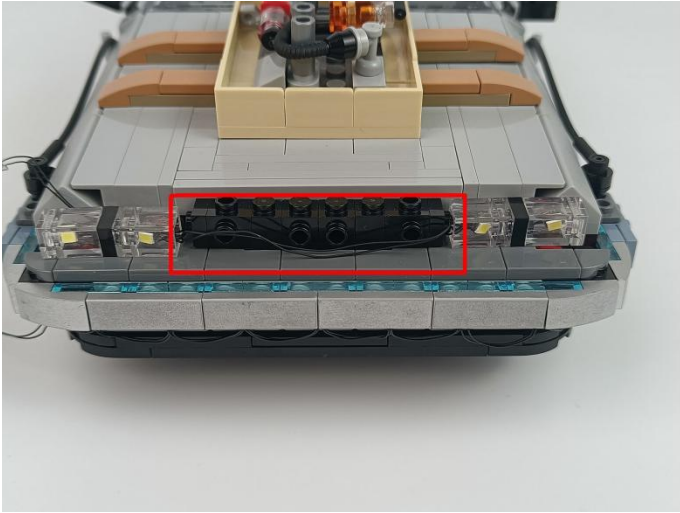
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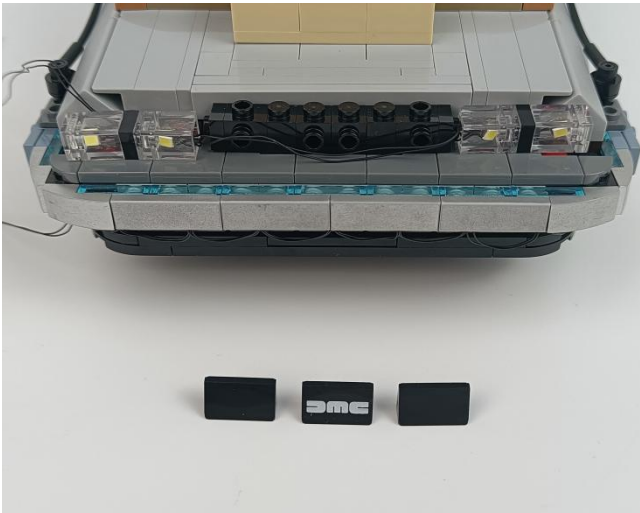
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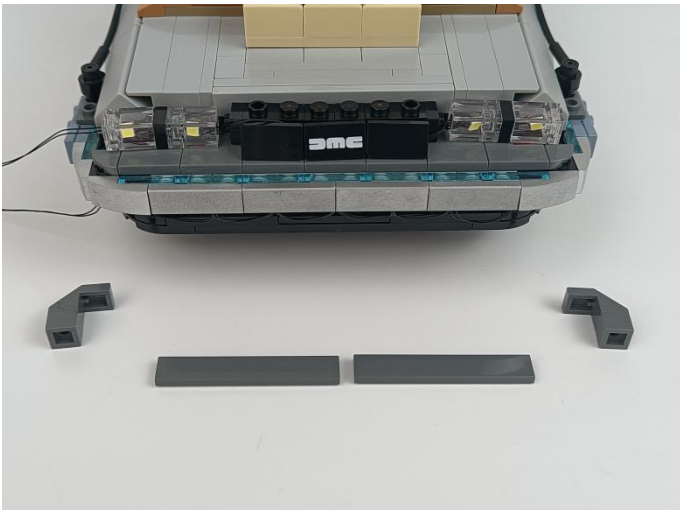
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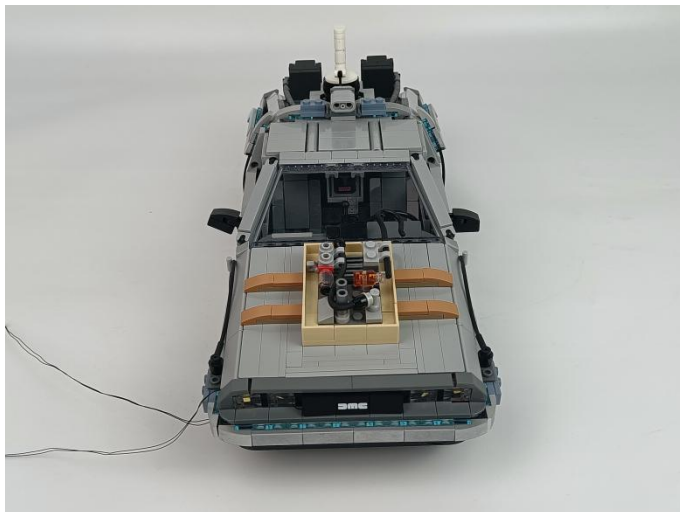
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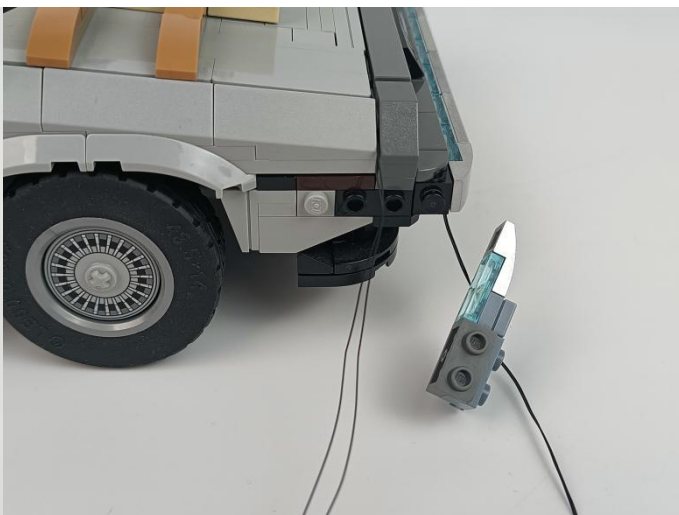
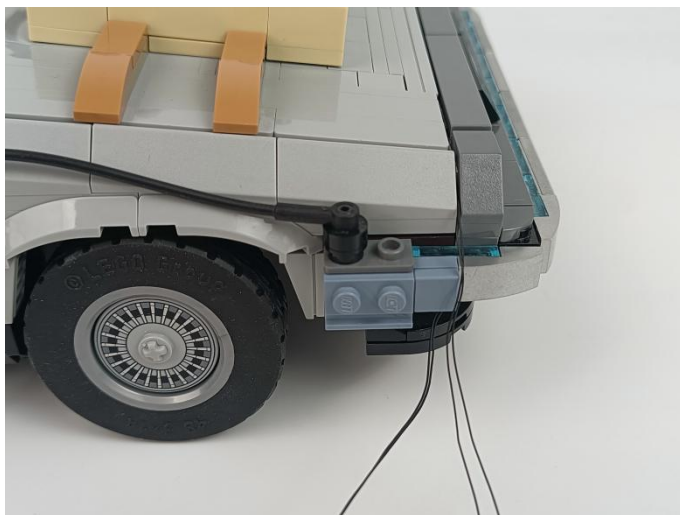
15. First, reassemble the two end blocks to secure the lower blocks, then reassemble the remaining blocks.



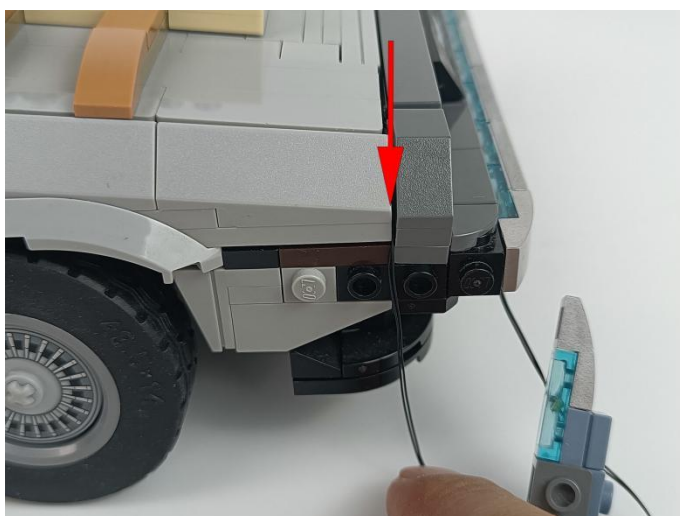
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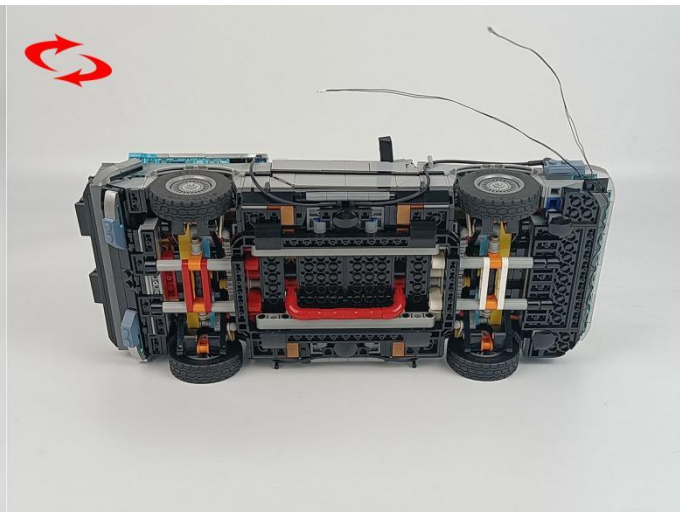
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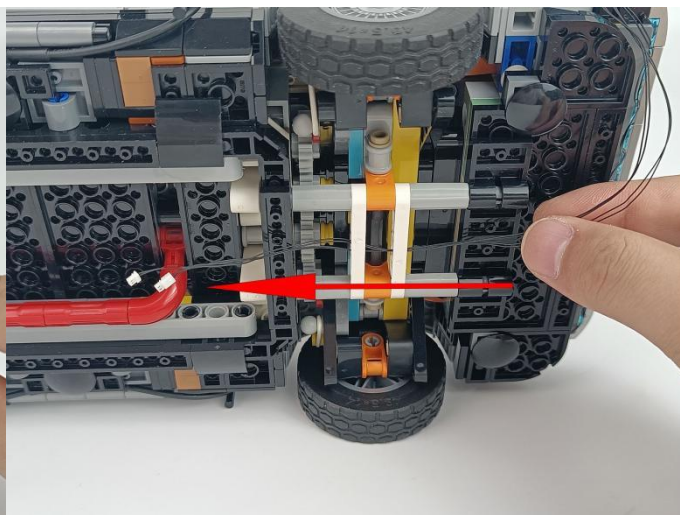
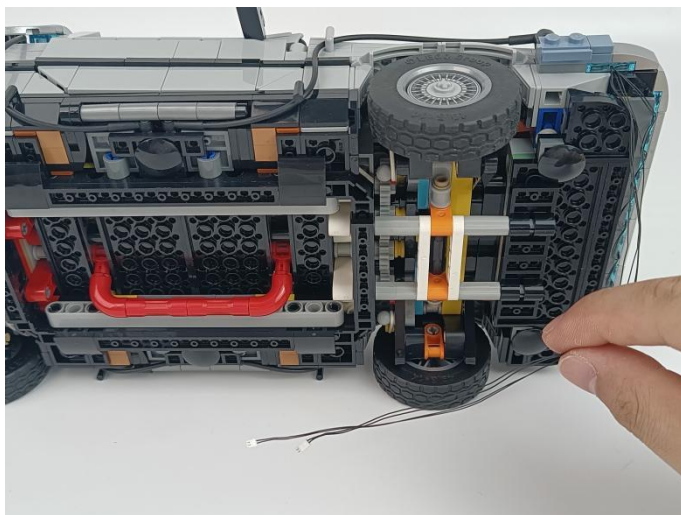
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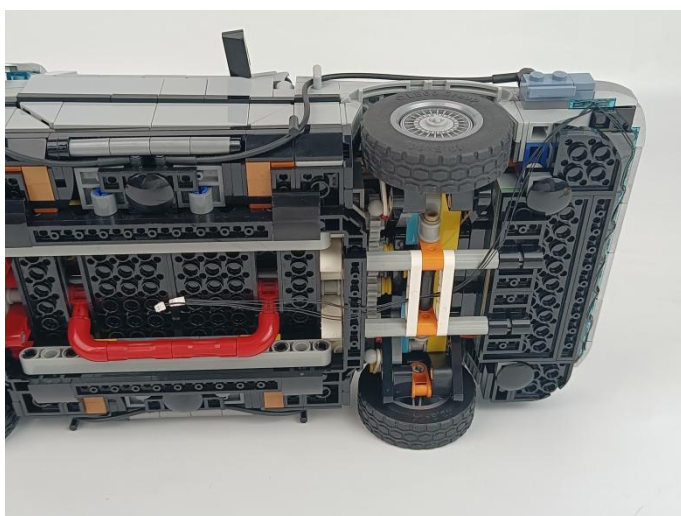
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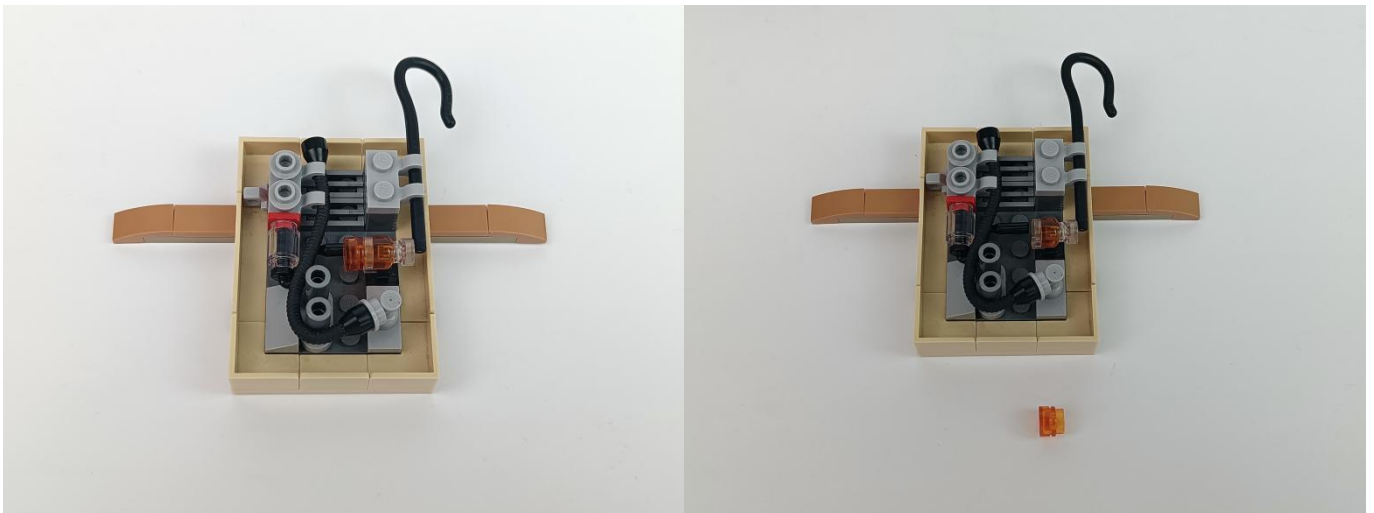
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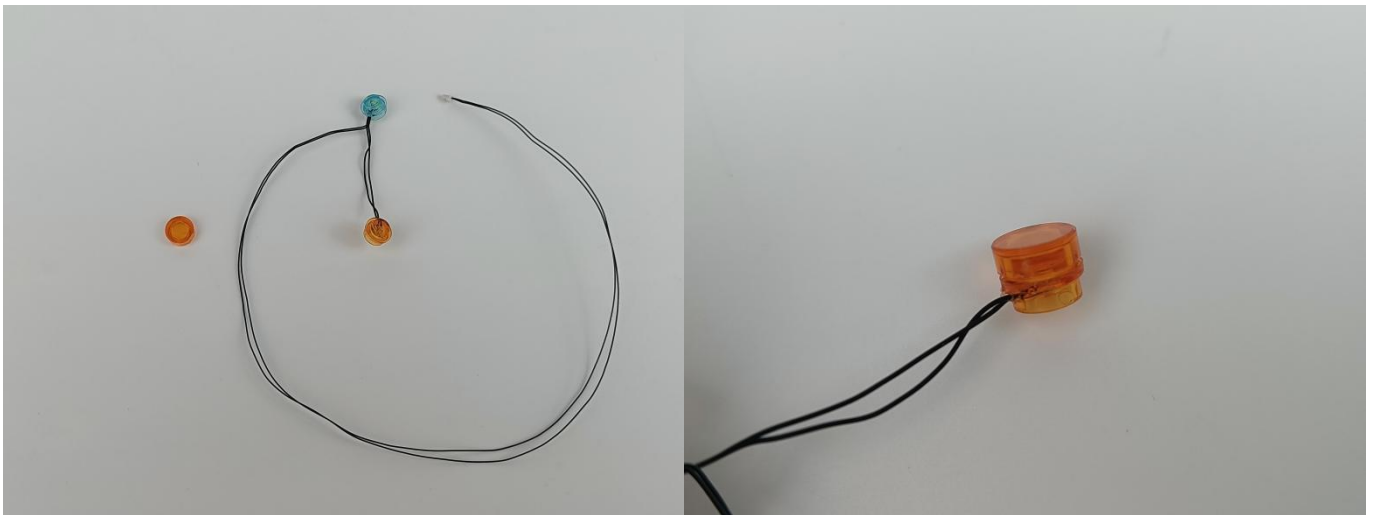
24. Remove the small round plate on the right.



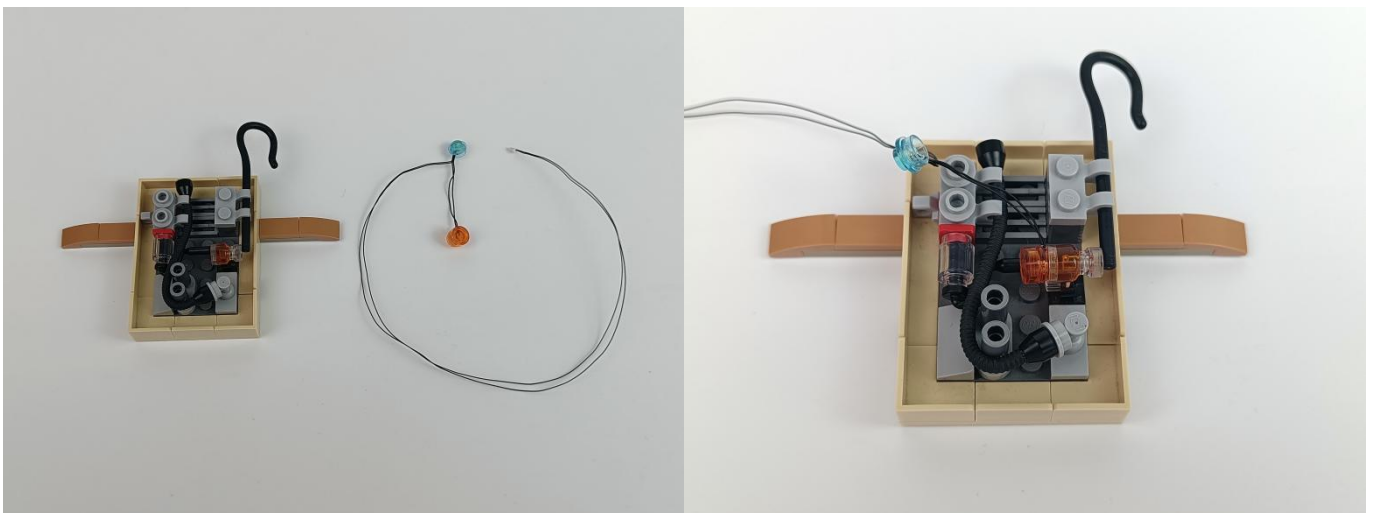
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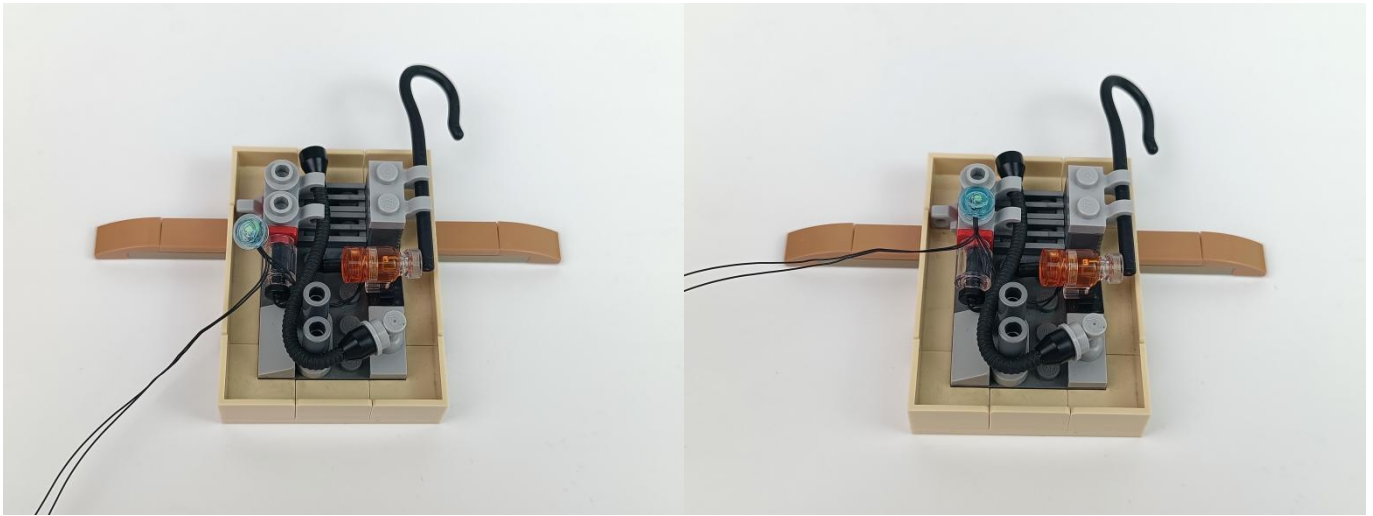
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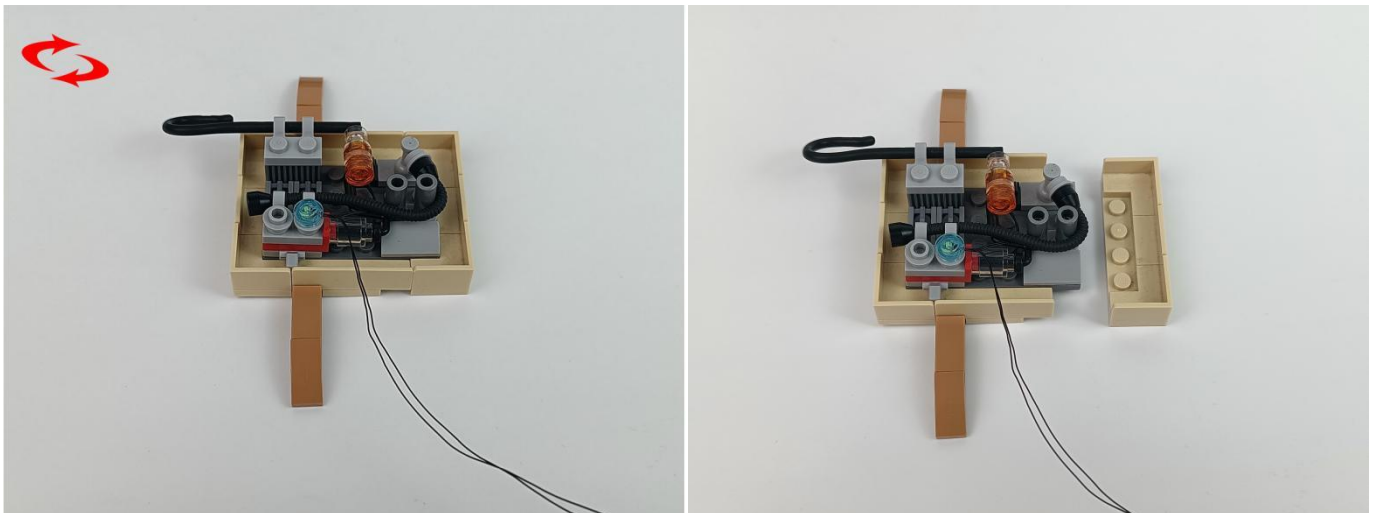
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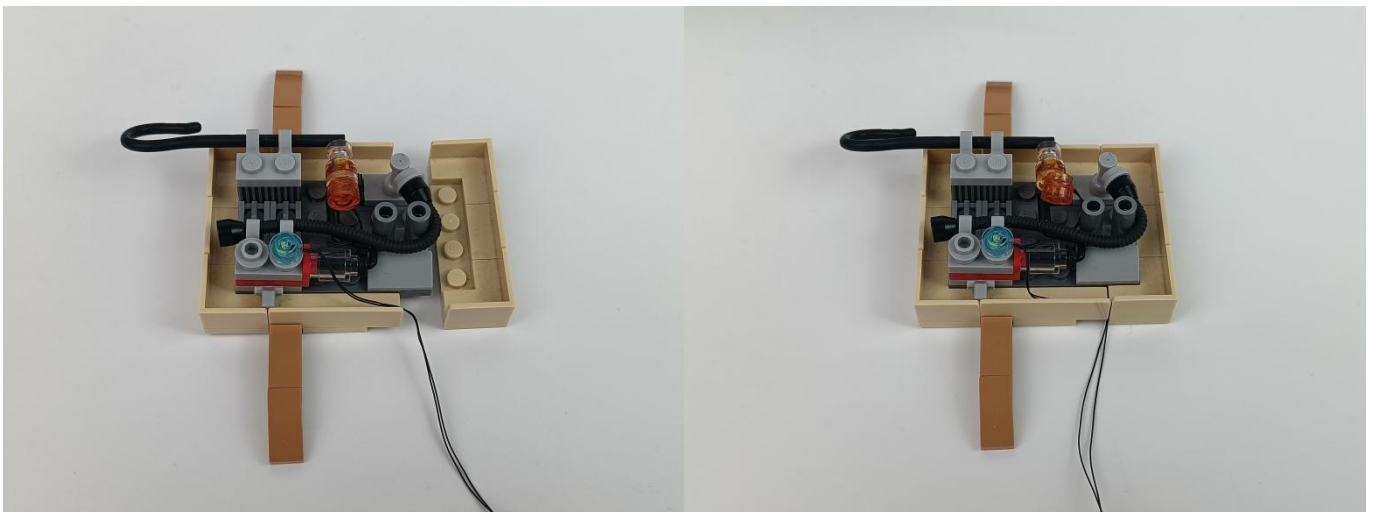
28. Thread the blue string lights through the gap below to install them on the other side.



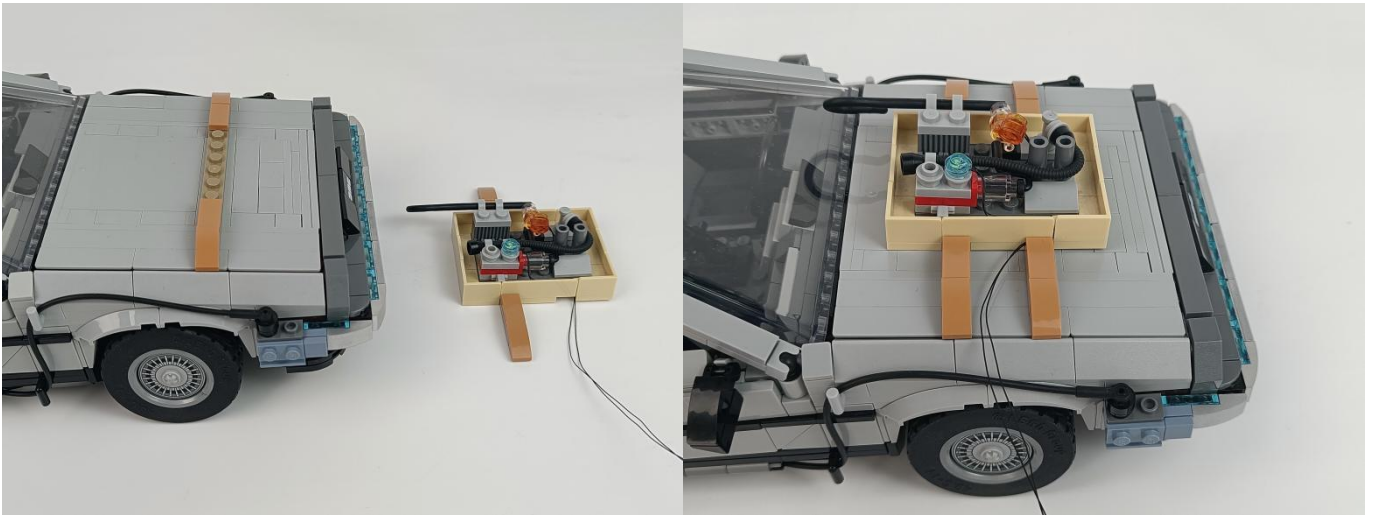
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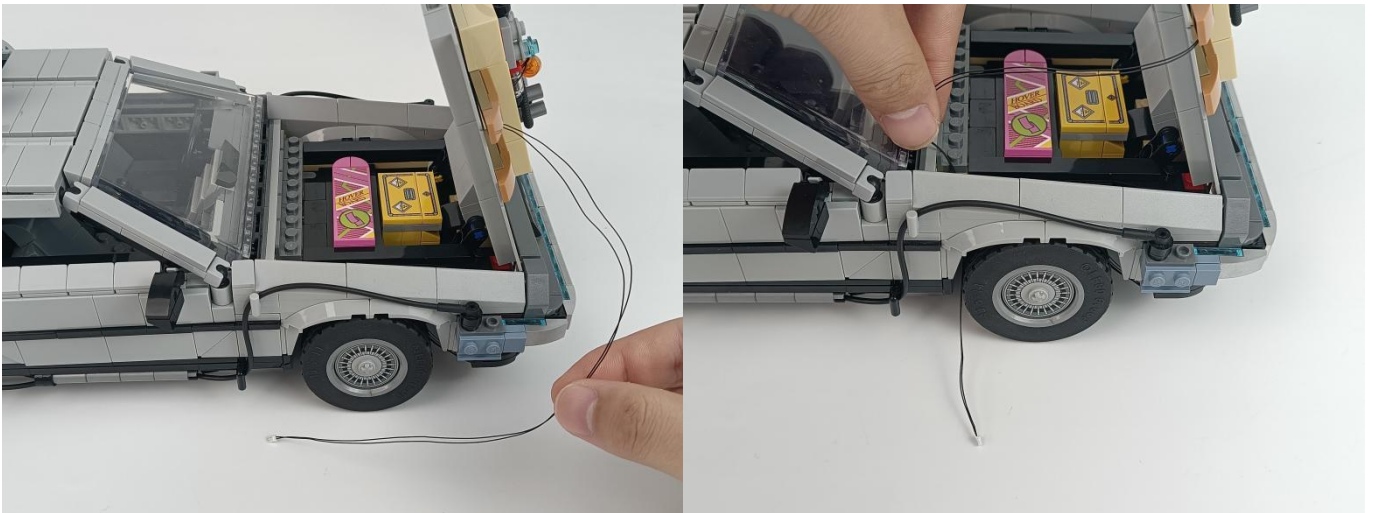
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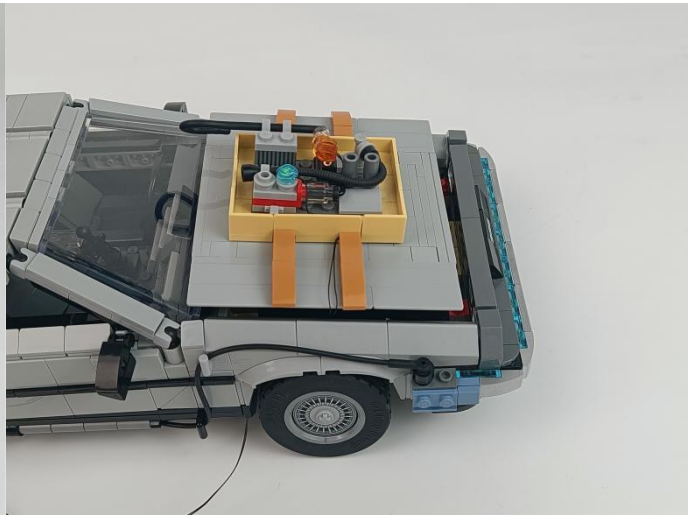
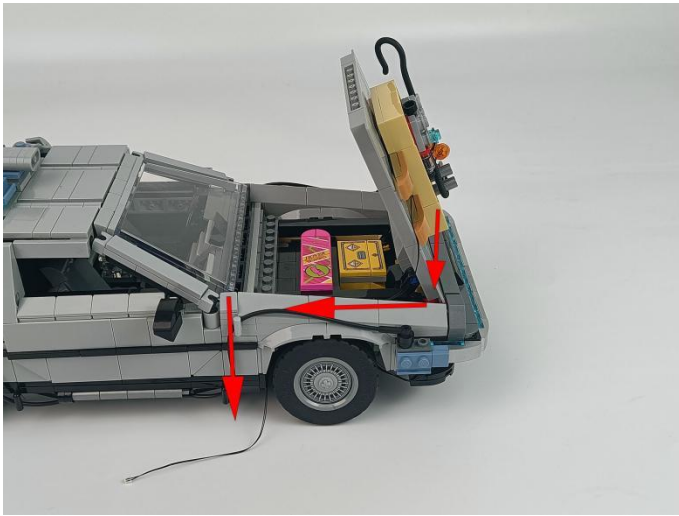
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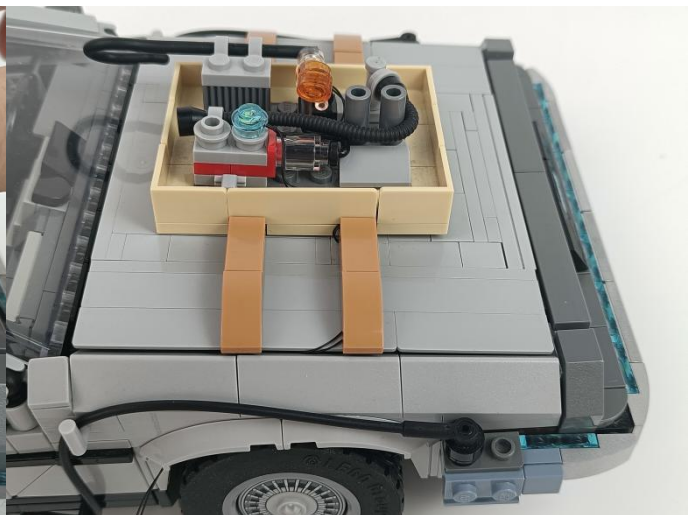
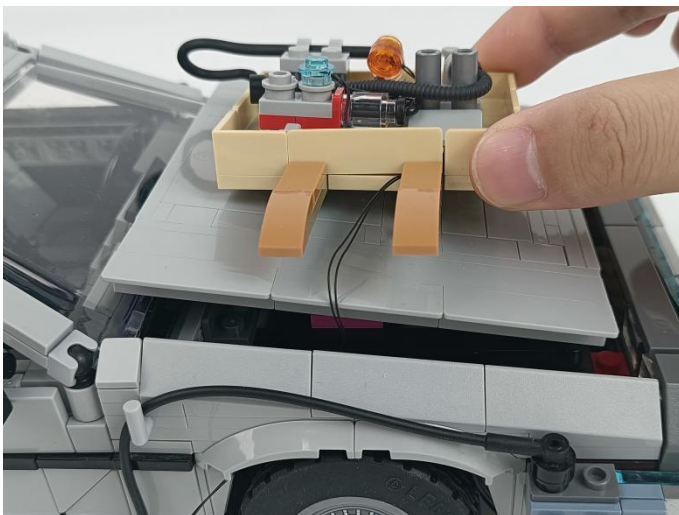
34. Arrange the lamp wires as shown in the diagram, then close the model's hood.



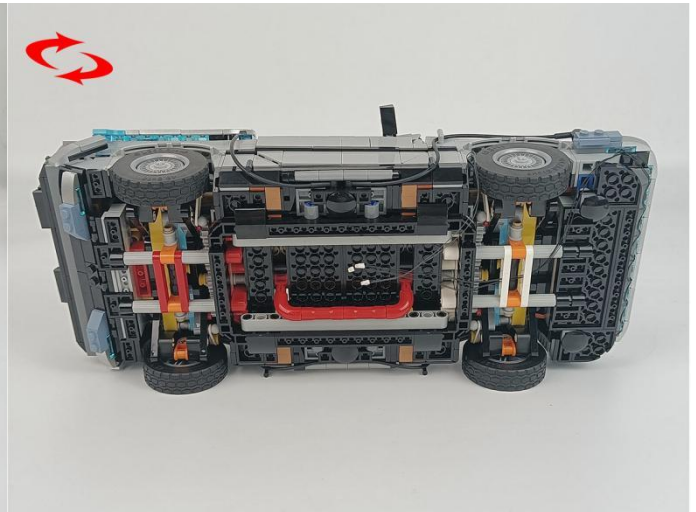
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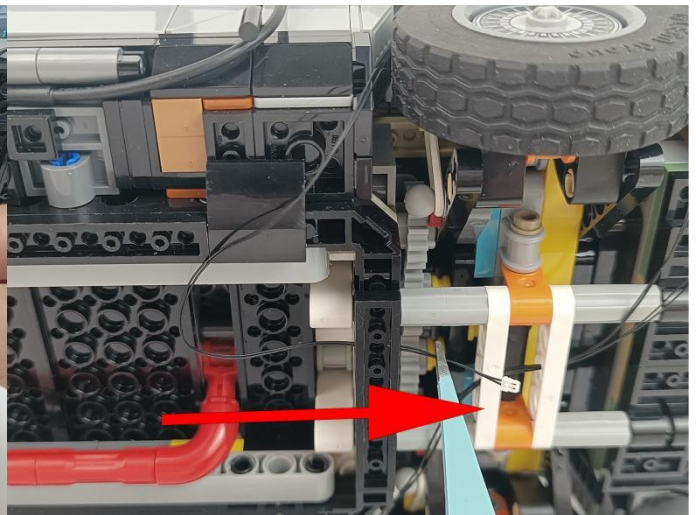
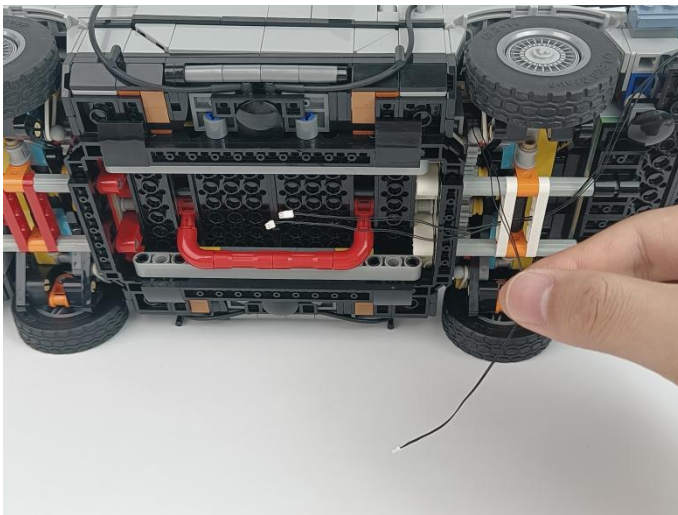
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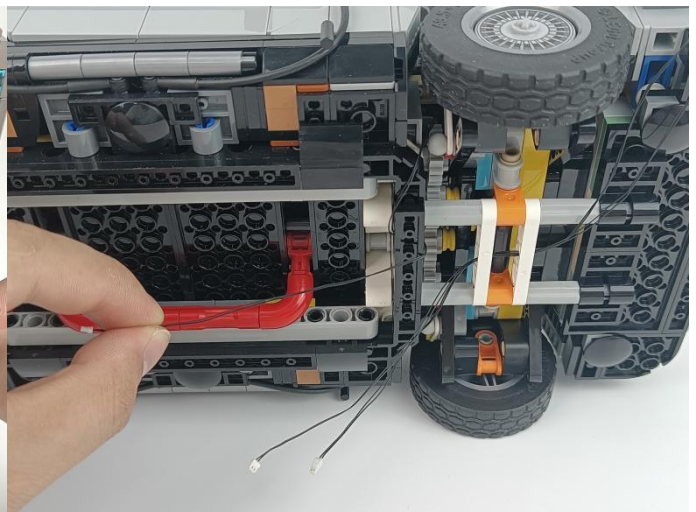
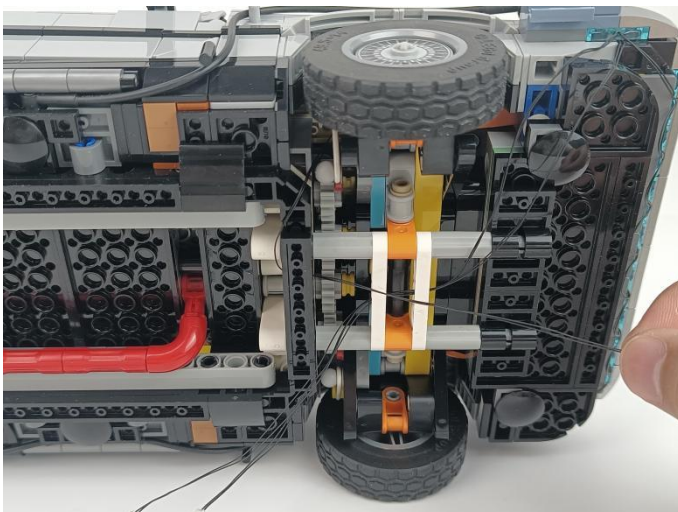
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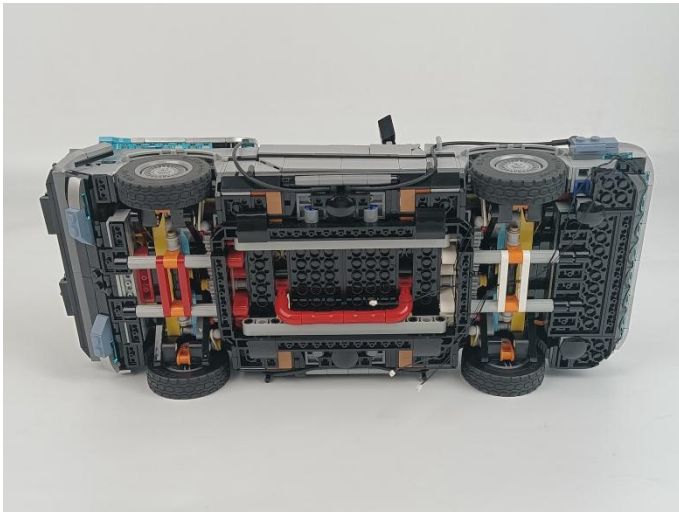
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39. First, pull the lamp cord to the right to tighten it. Finally, pull the cord to the left and set it aside for later use.



40



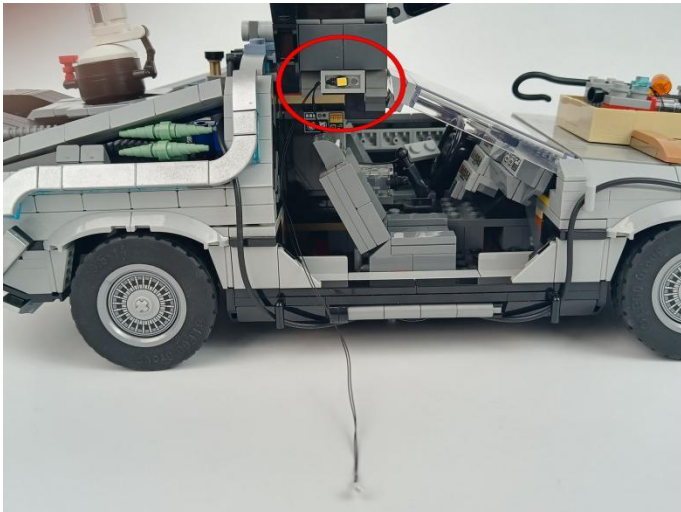
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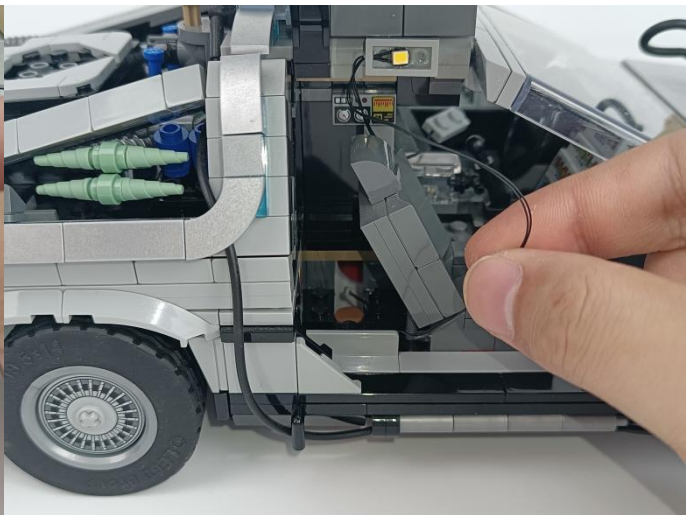
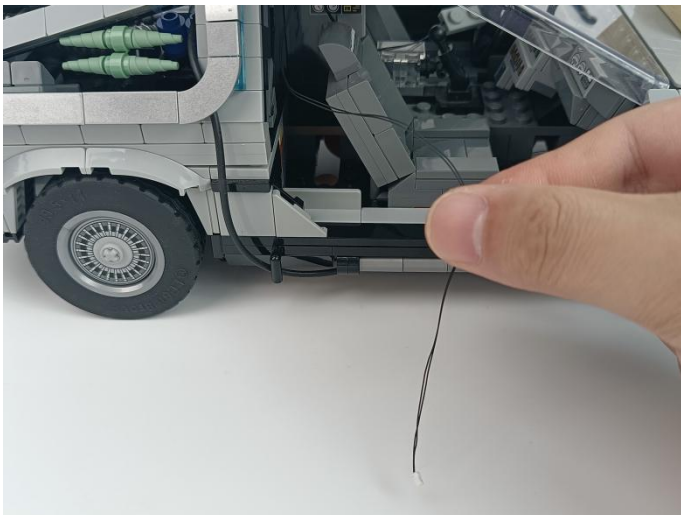
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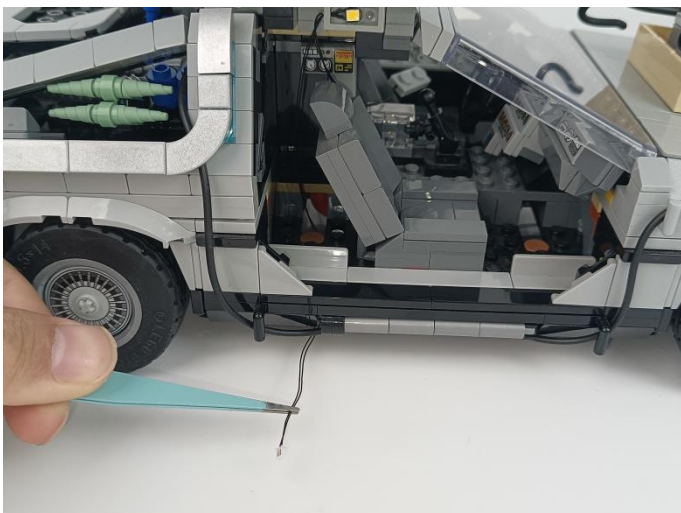
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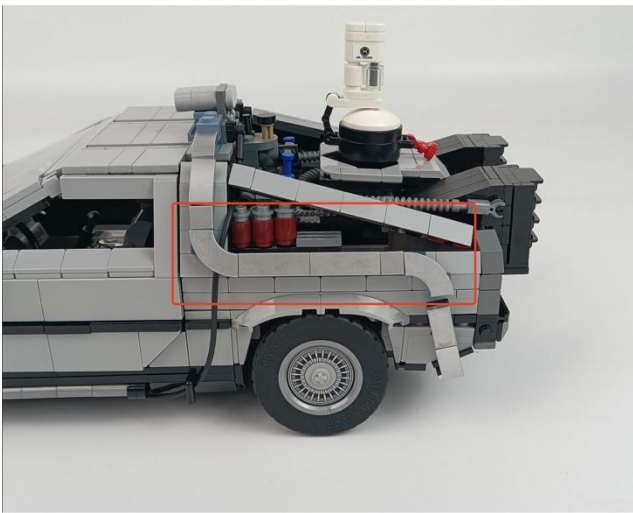
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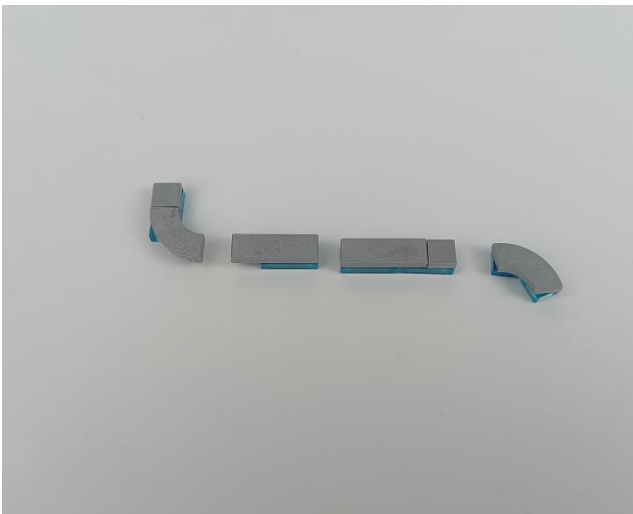
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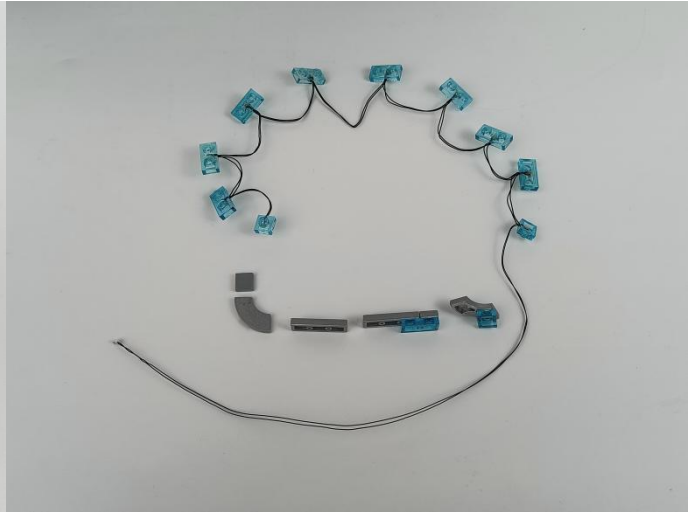
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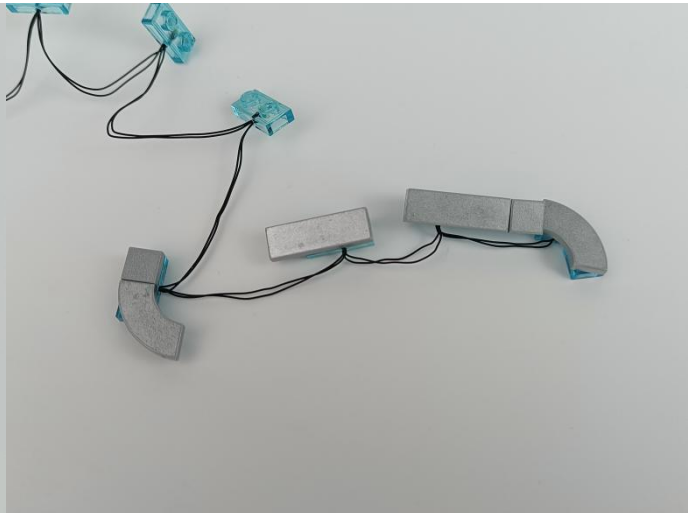
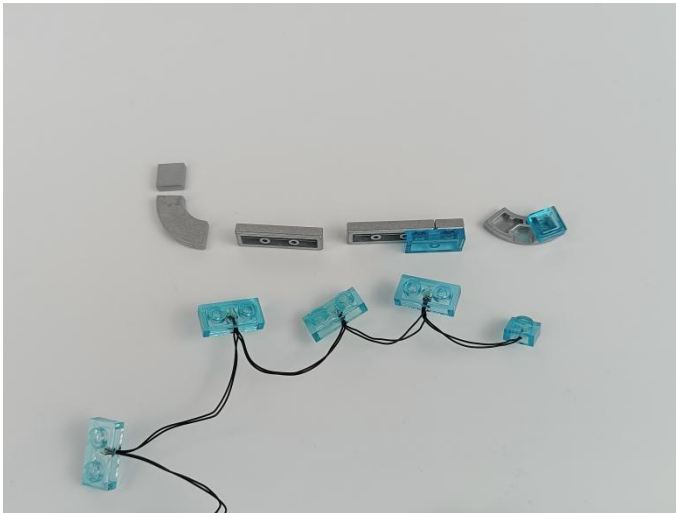
51. Remove the four blue building blocks that have been dismantled.



52



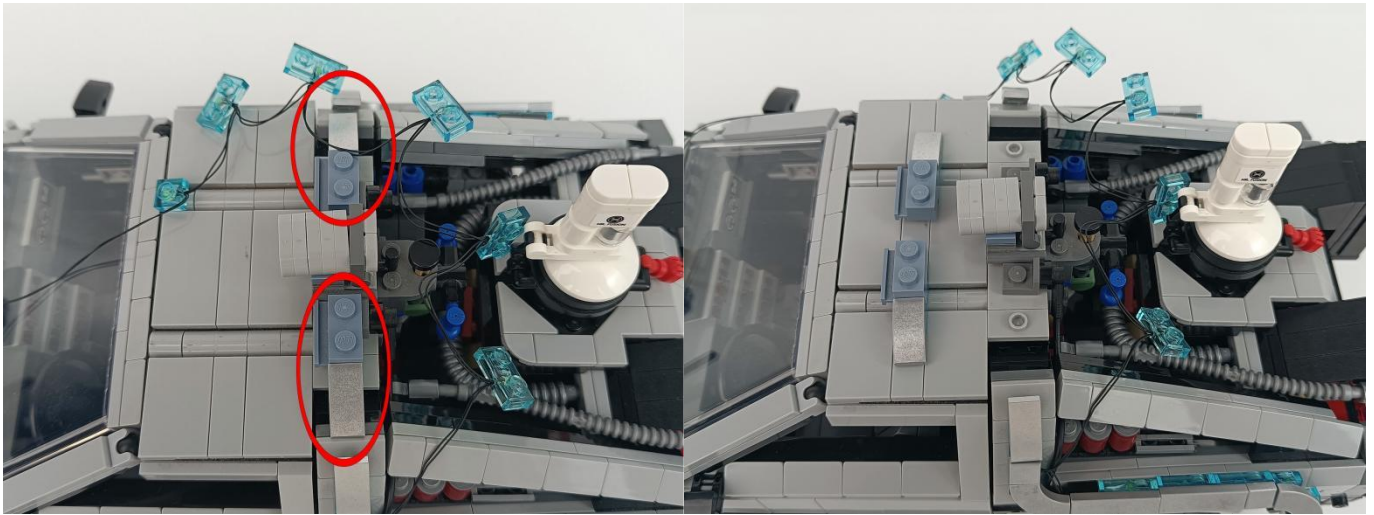
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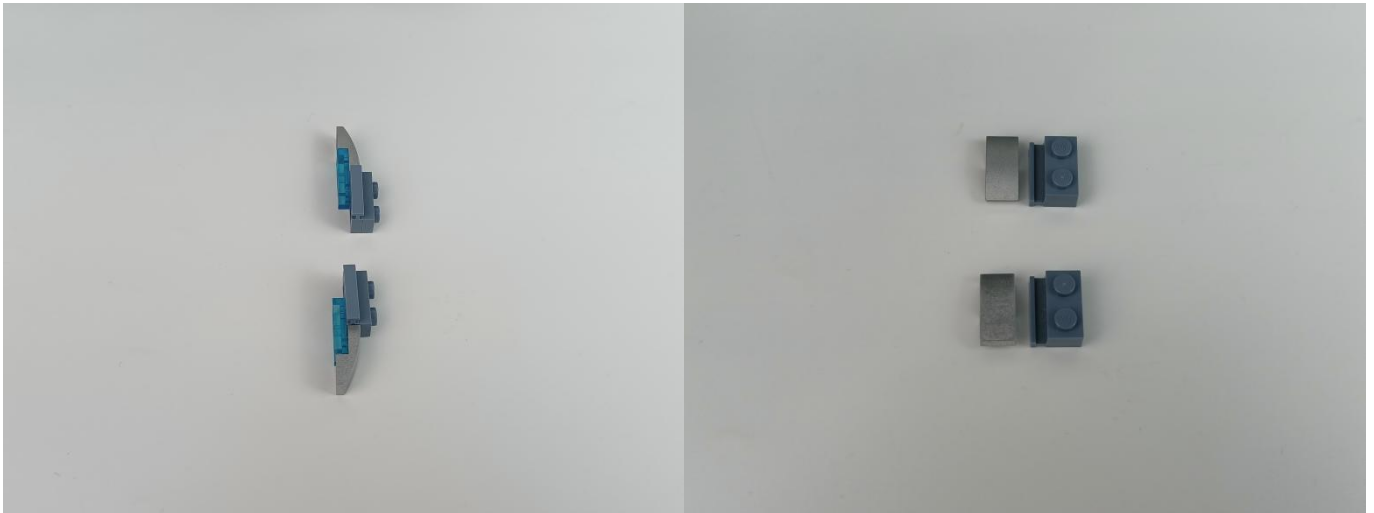
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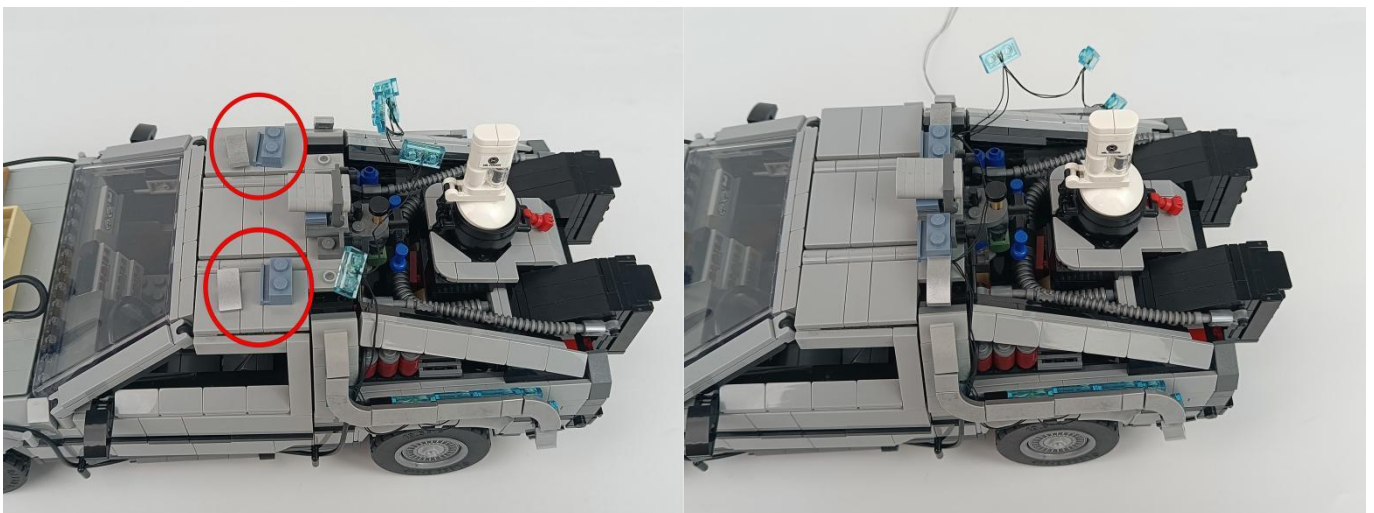
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56. Disassemble the building blocks and remove the blue block.



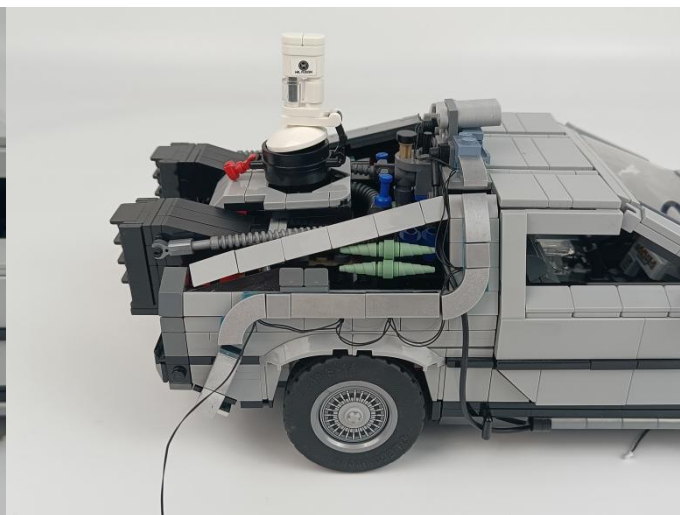
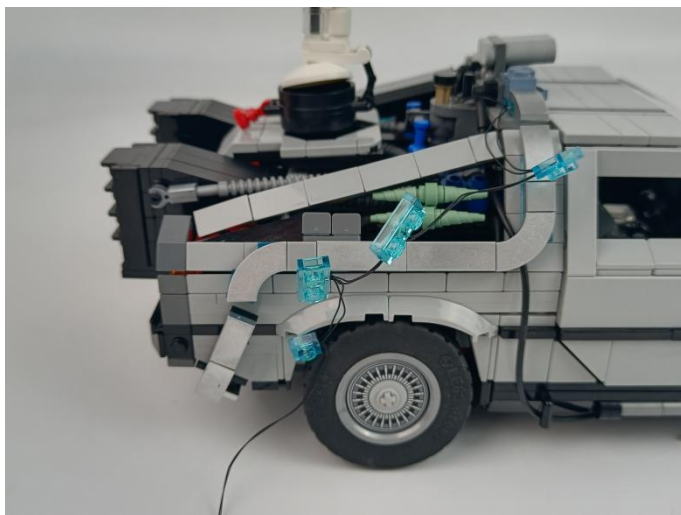
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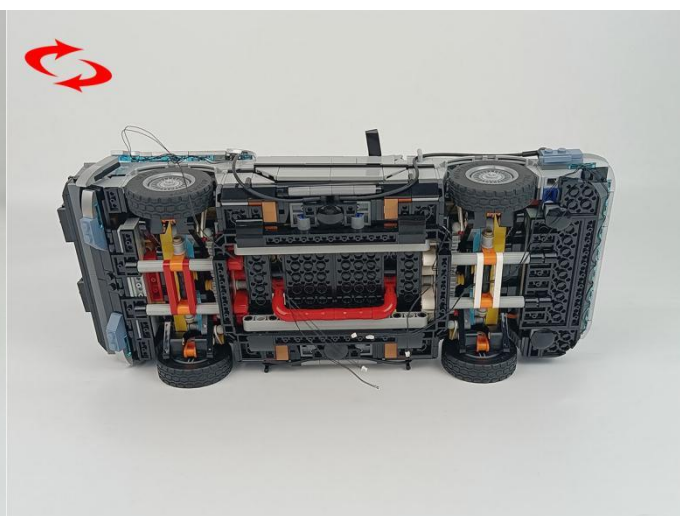
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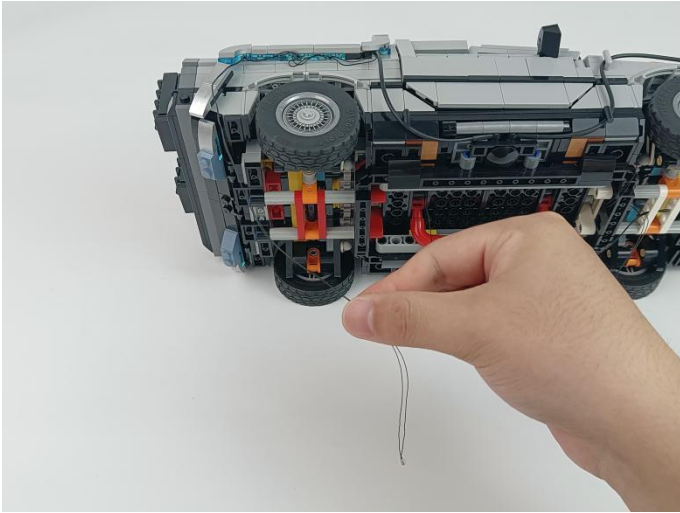
59. The installation method is the same as on the other side.



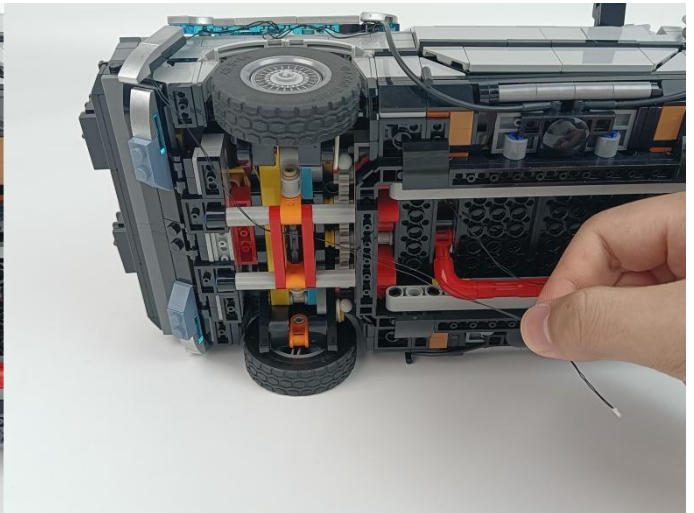
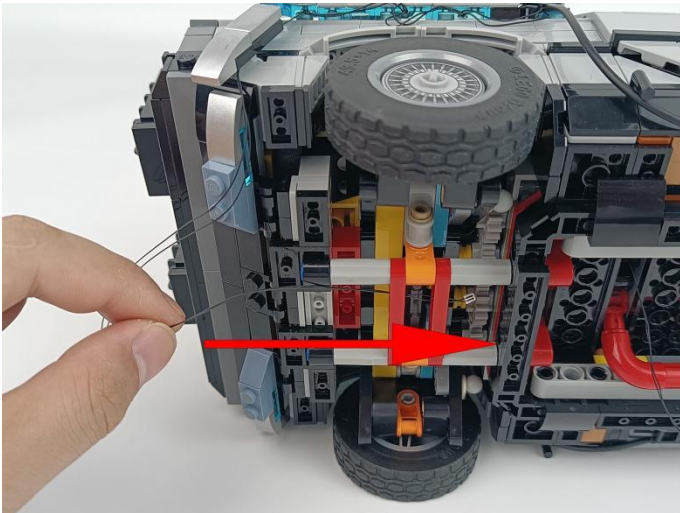
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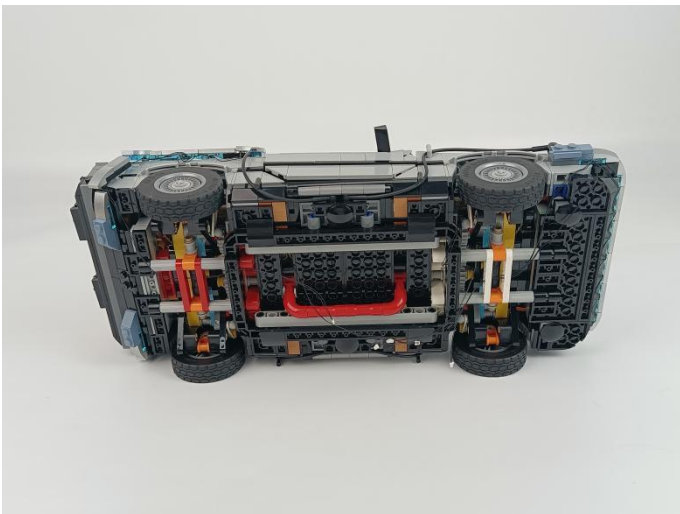
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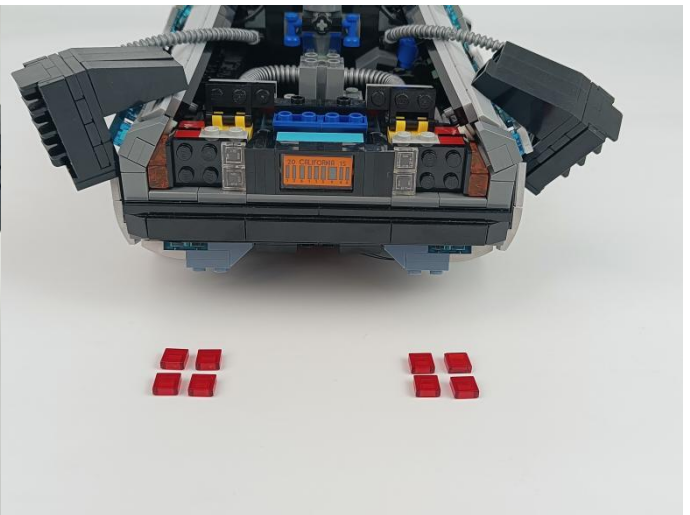
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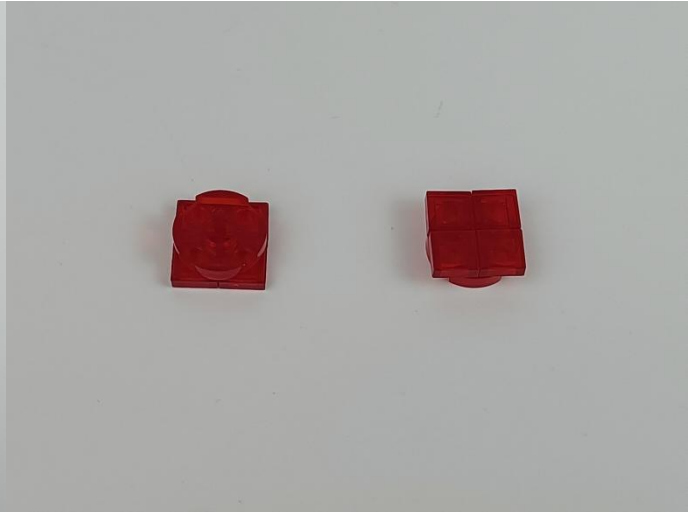
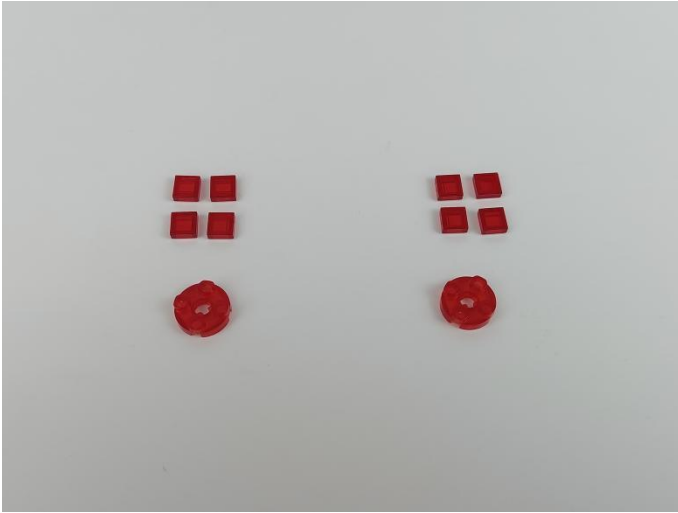
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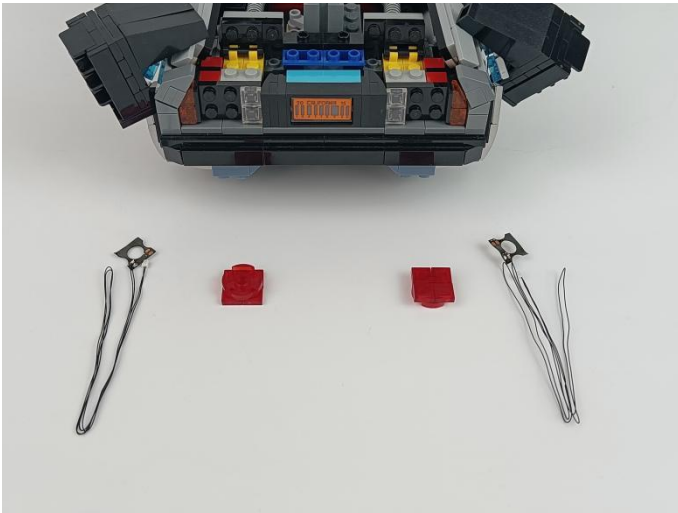
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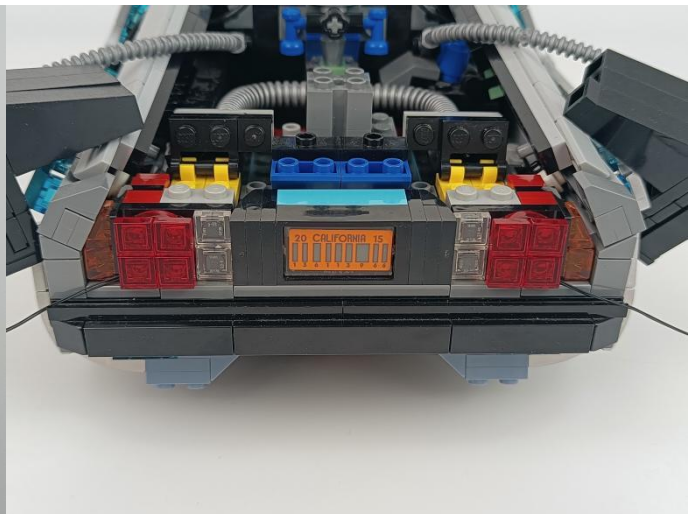
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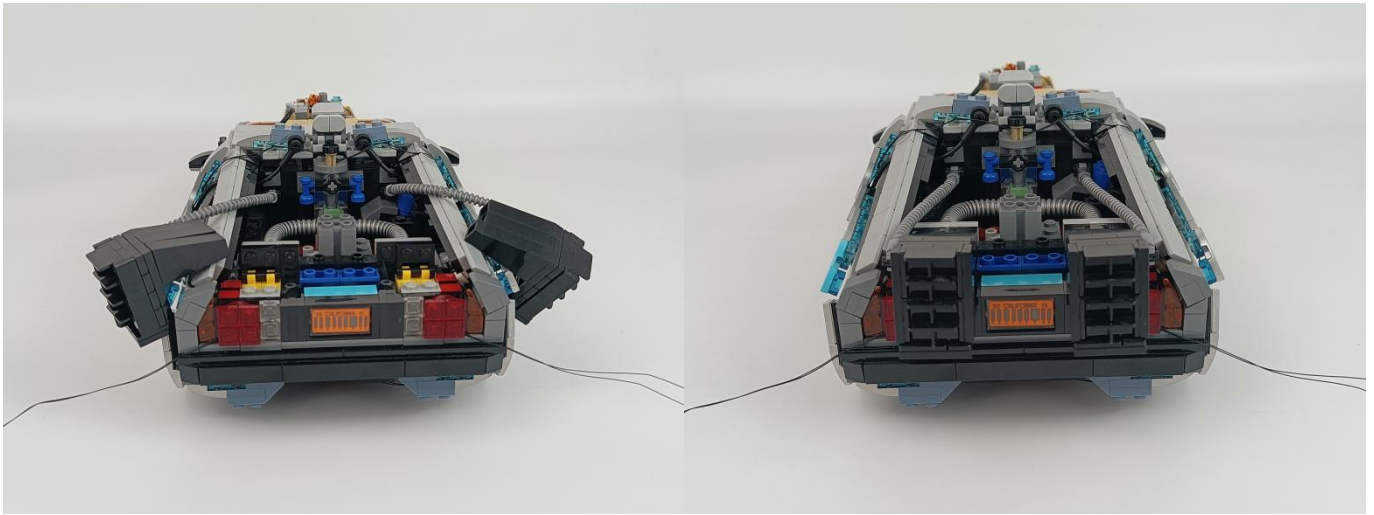
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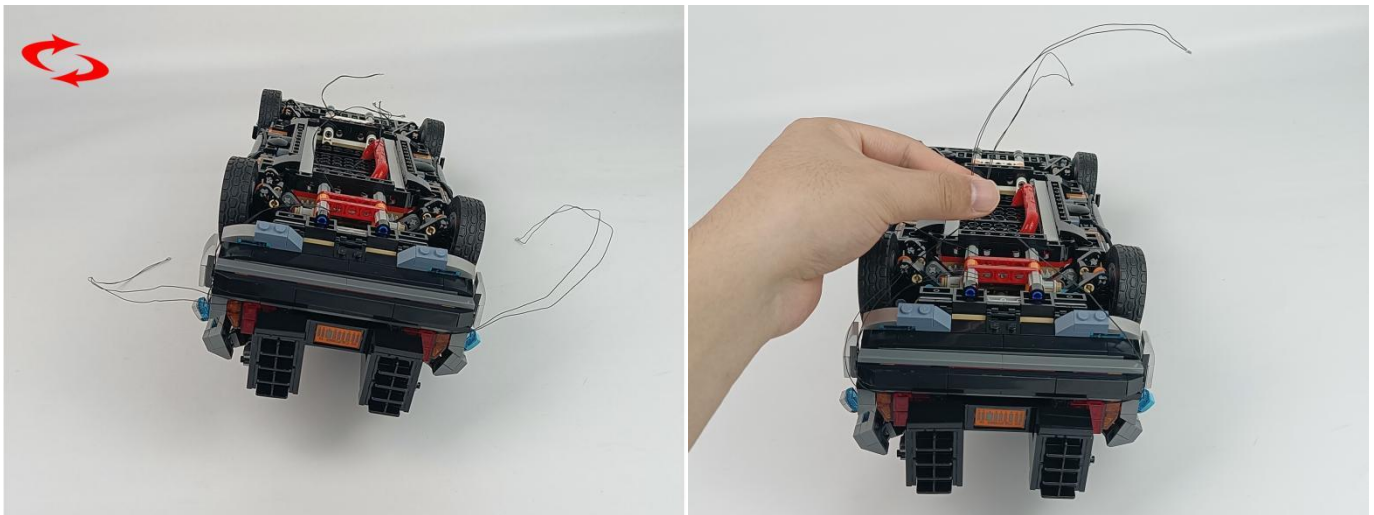
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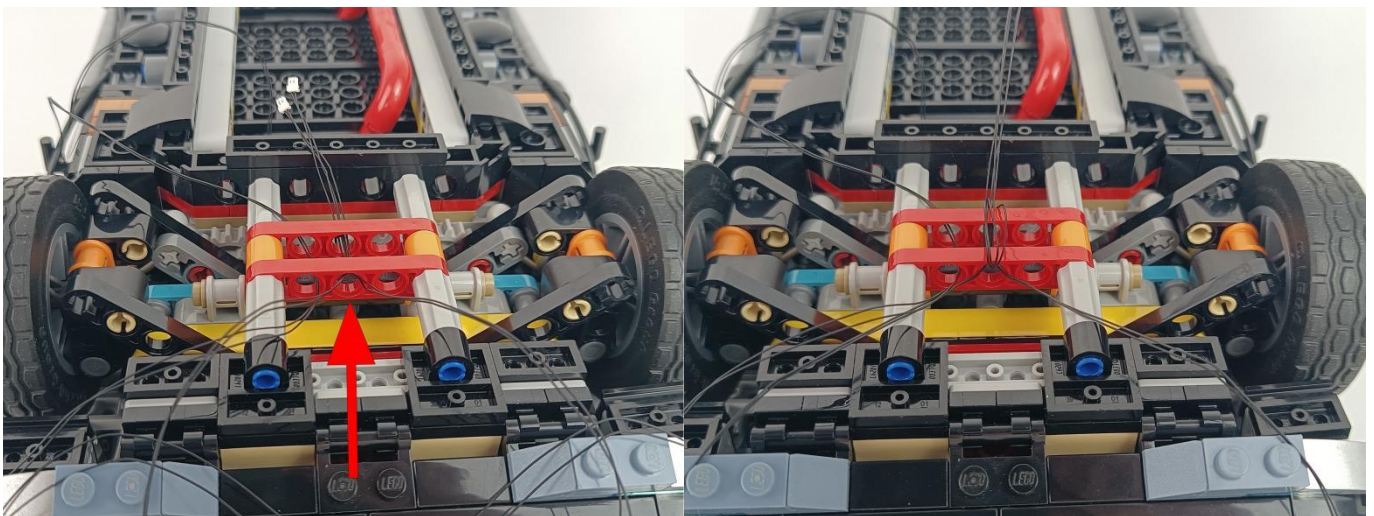
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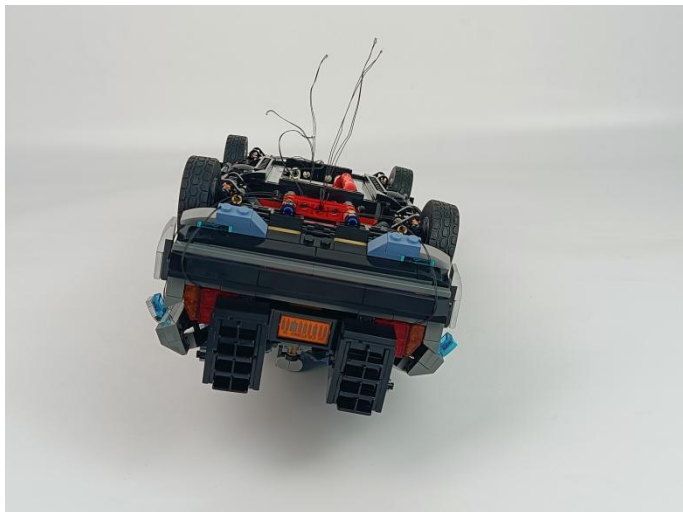
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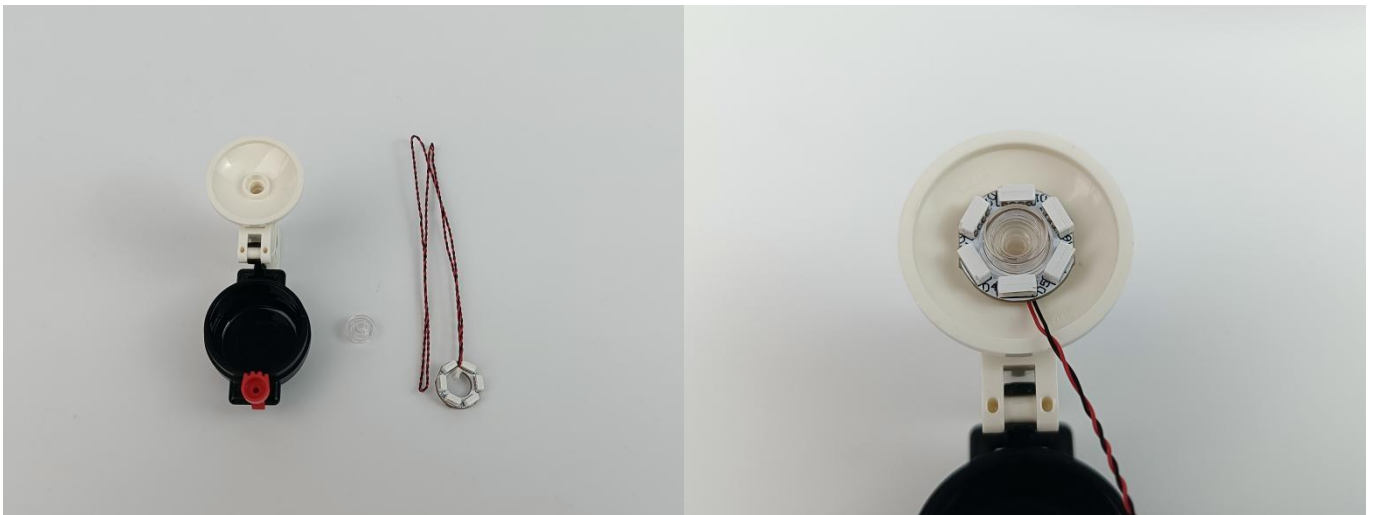
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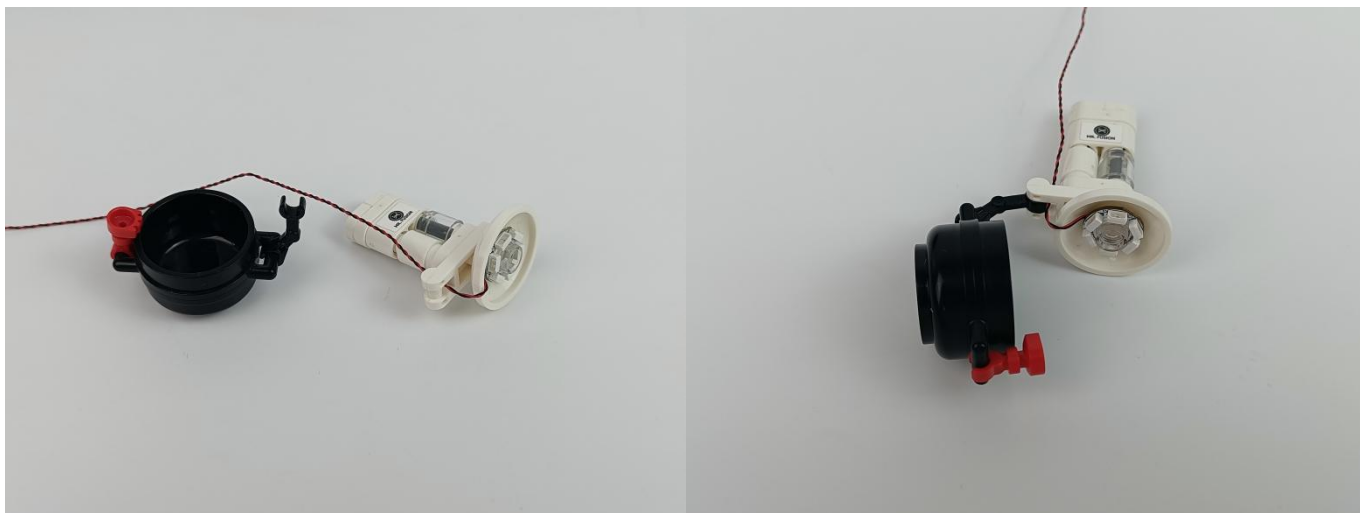
78. Break the building blocks into two parts.



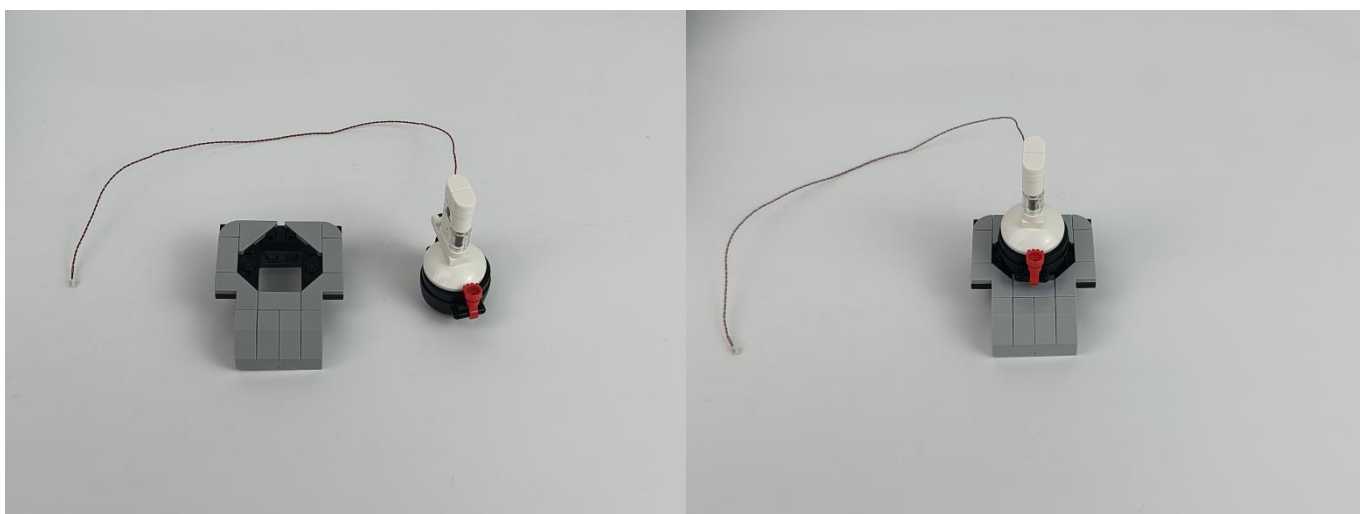
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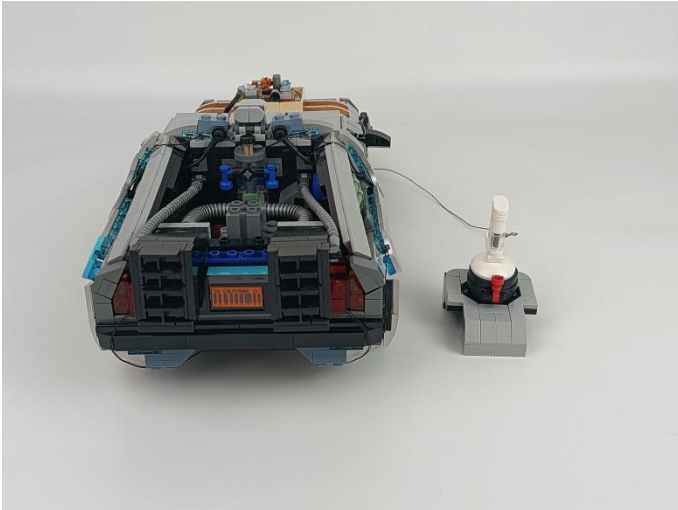
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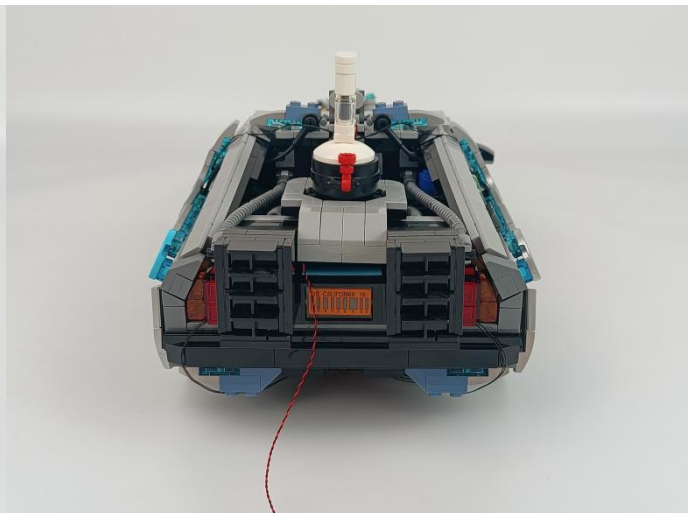
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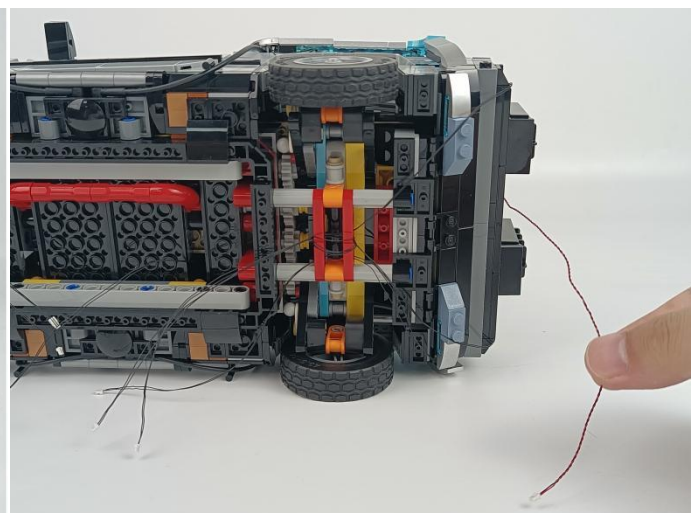
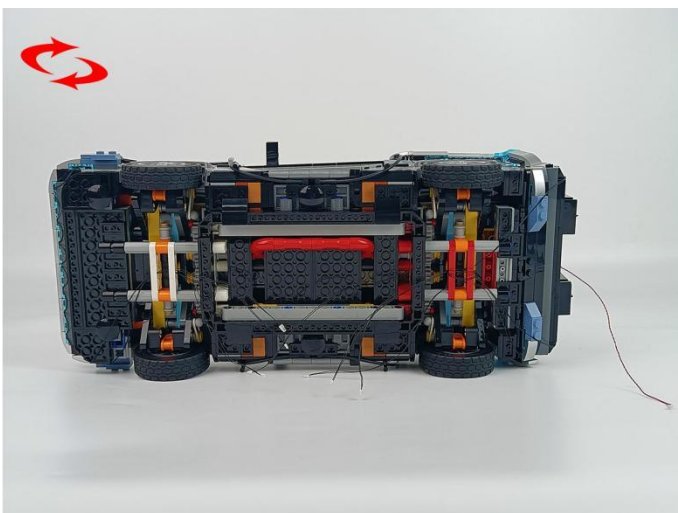
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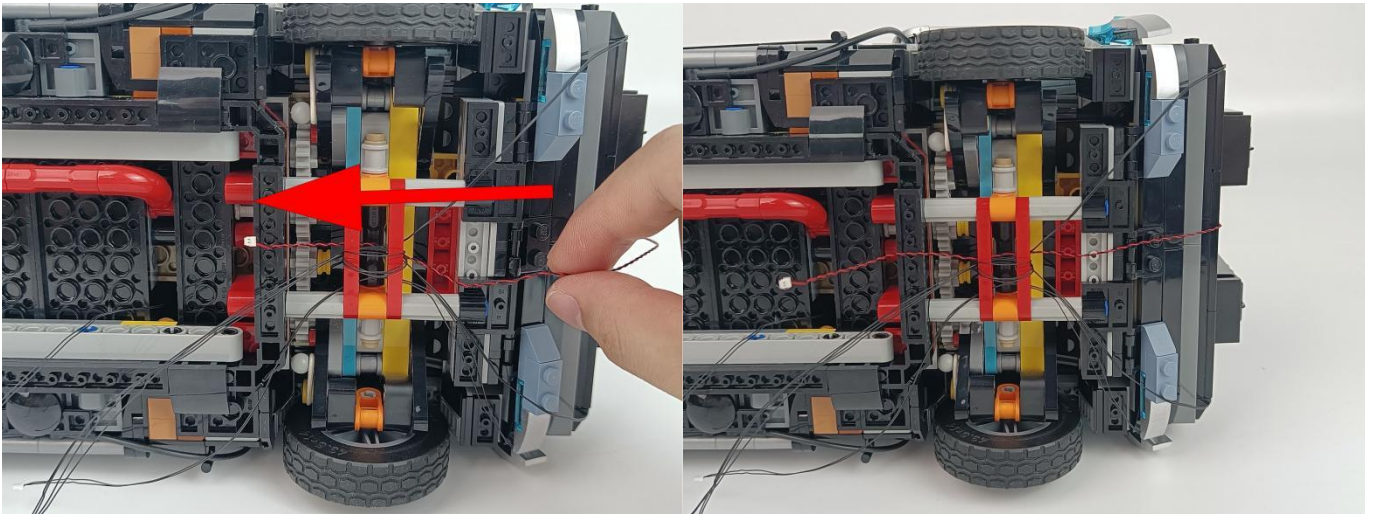
83.Route the lamp cord away from the protruding points on the building blocks. Finally, reassemble the blocks to secure the cord in place.



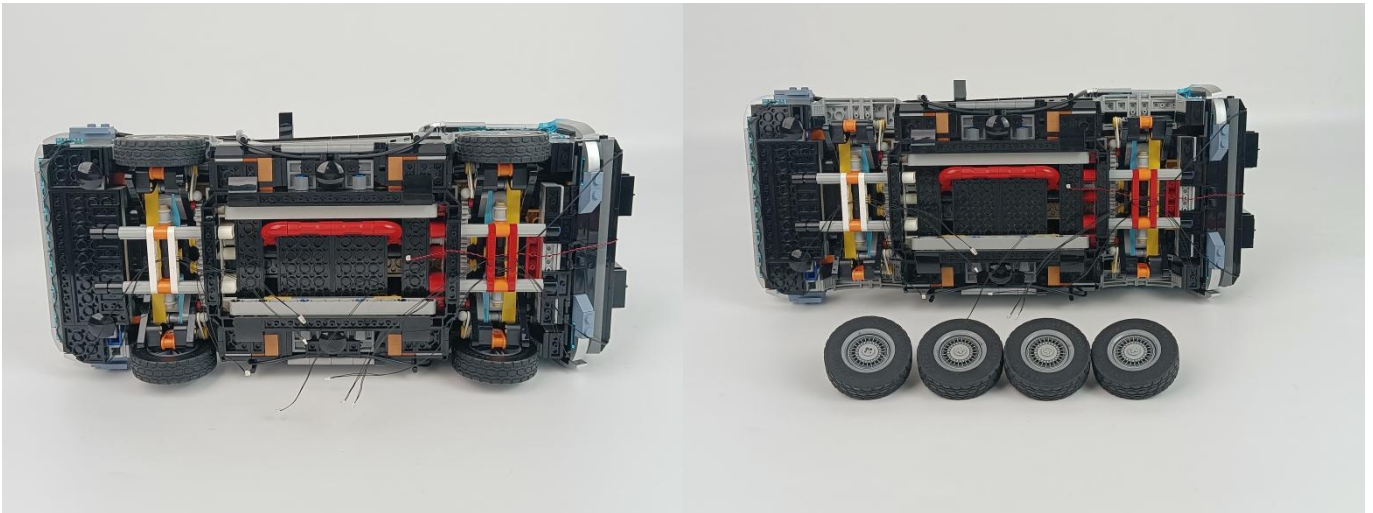
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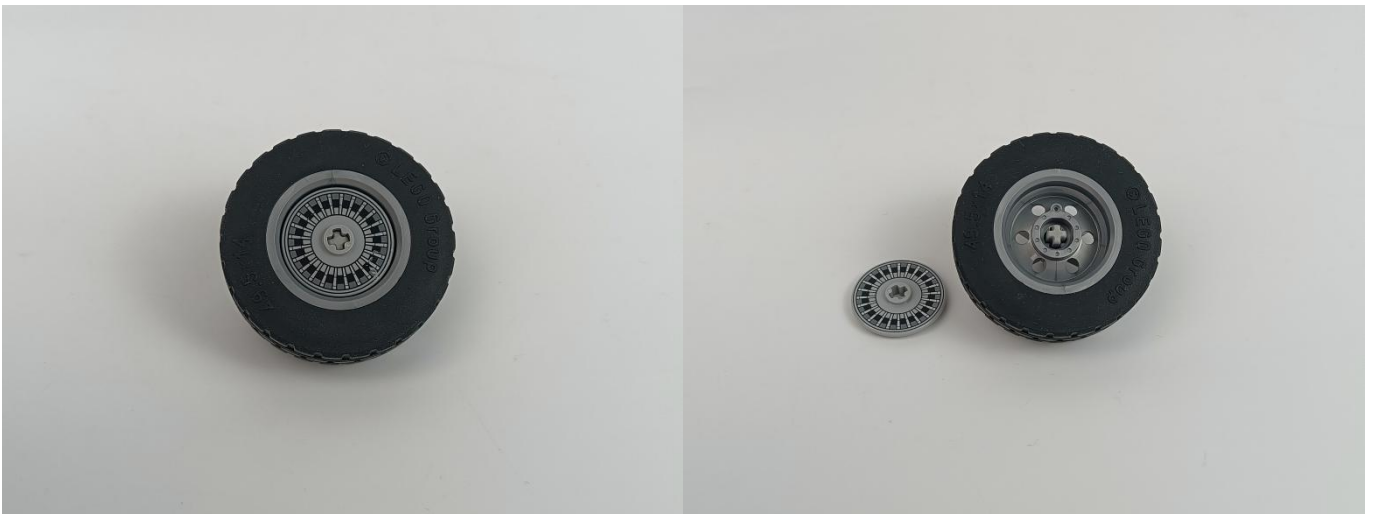
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86

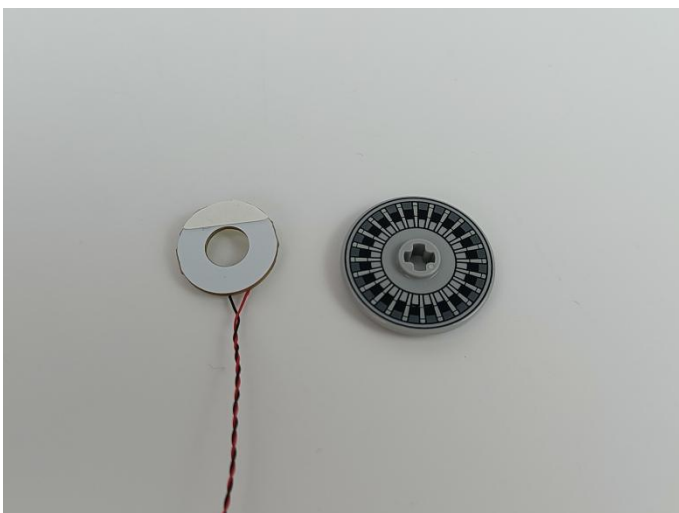


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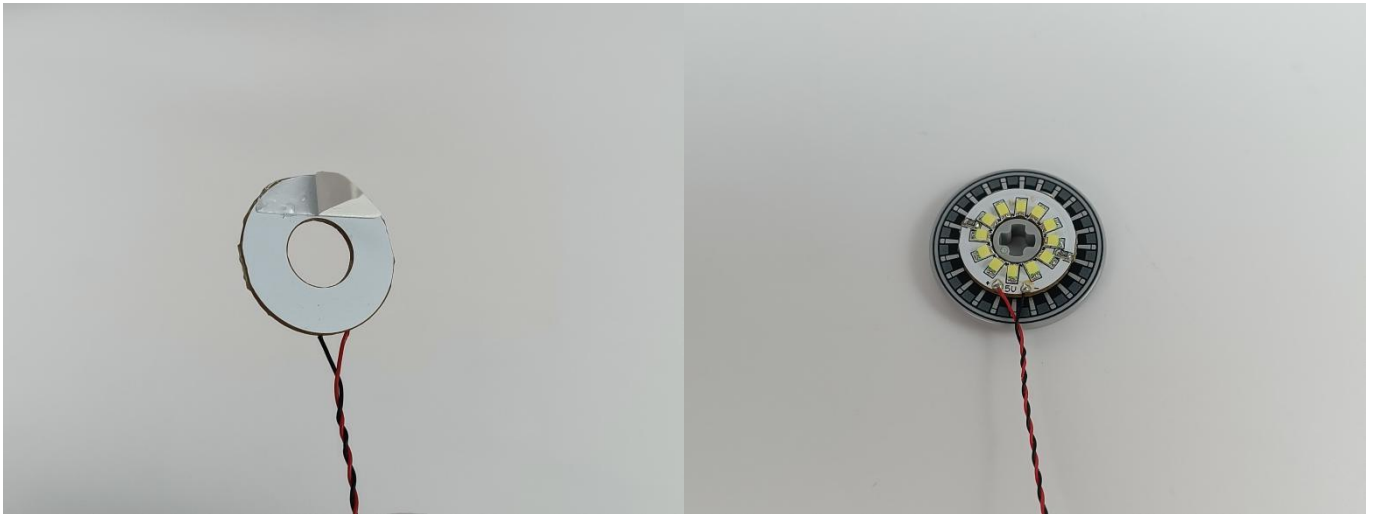




89. Apply double-sided tape to the back of the disc light, then trim away any excess tape around the edges of the disc light with scissors.



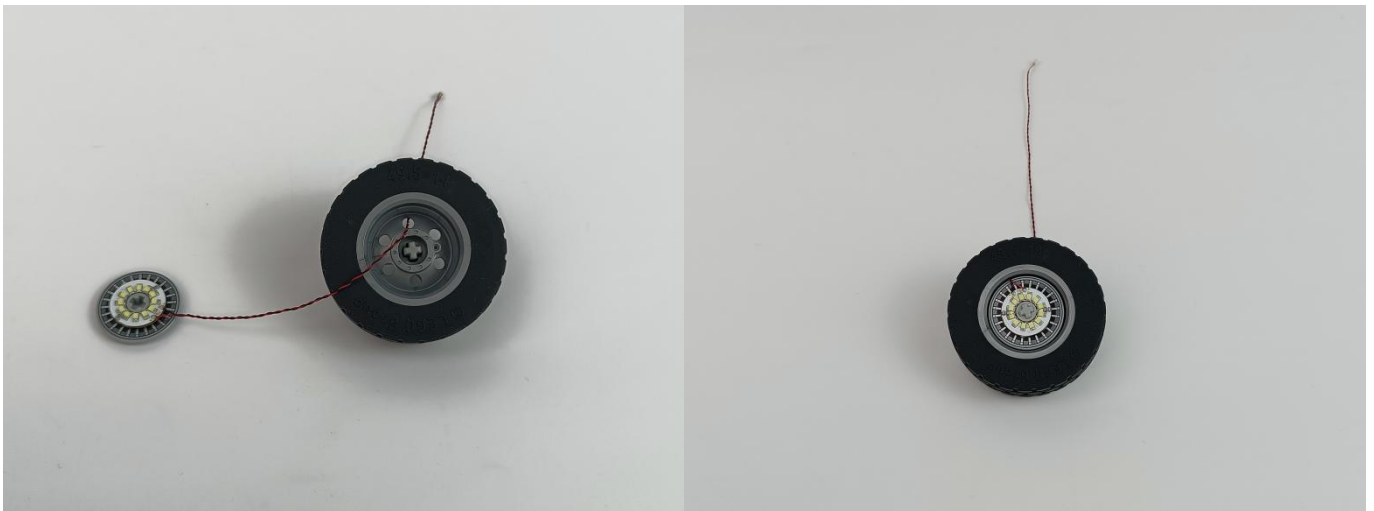
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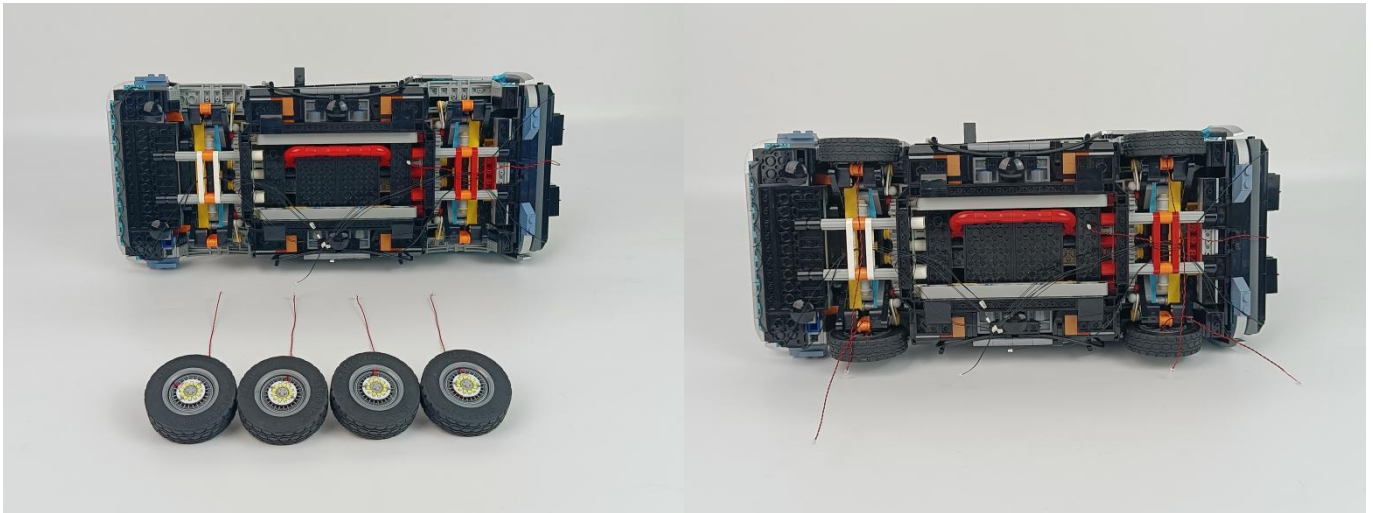
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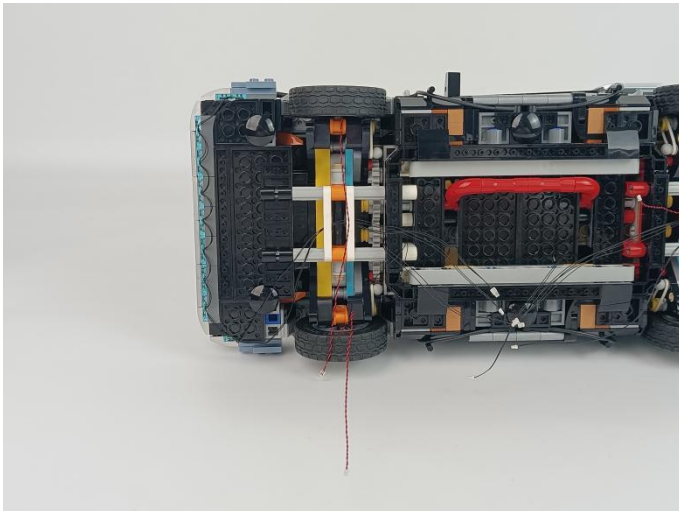
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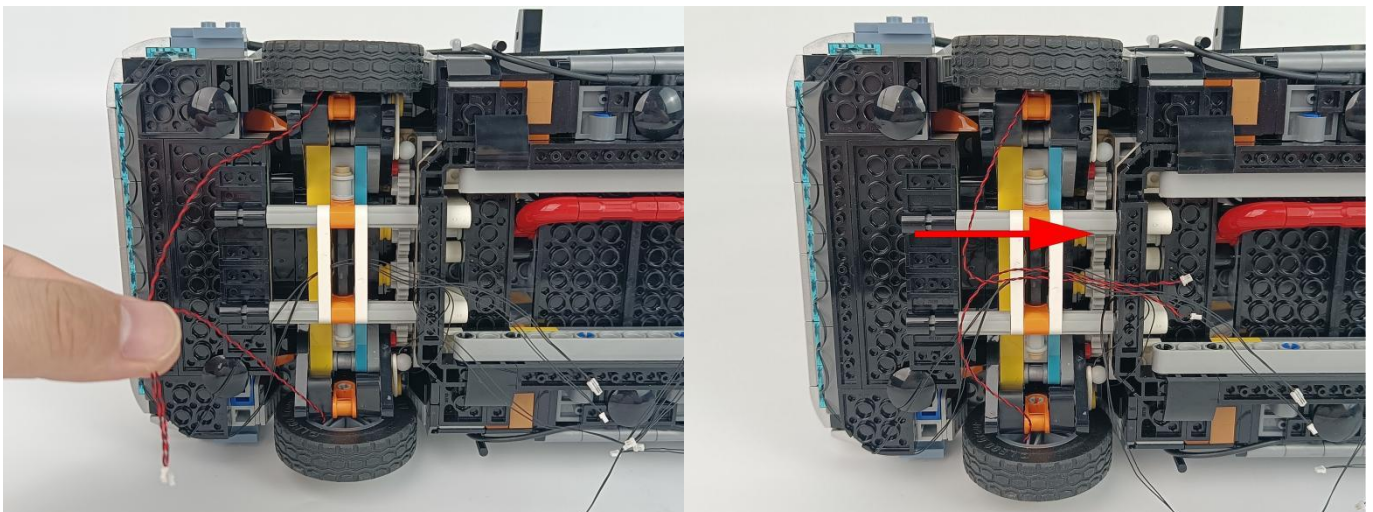
94.Repeat the same procedure for the remaining three wheels, then remove the model to restore the wheels.



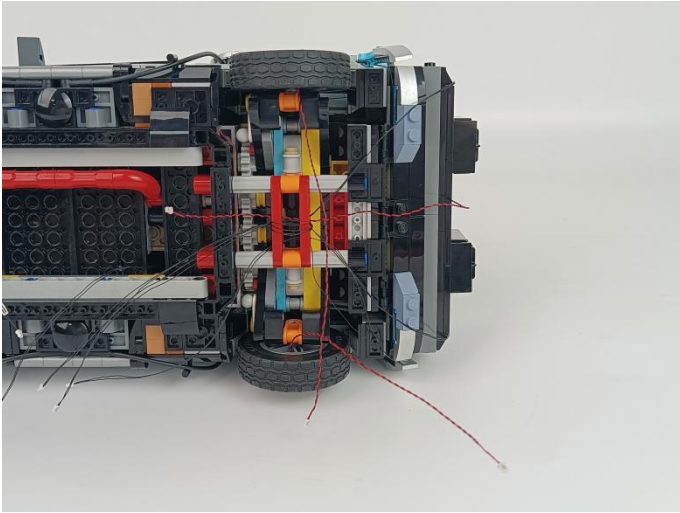
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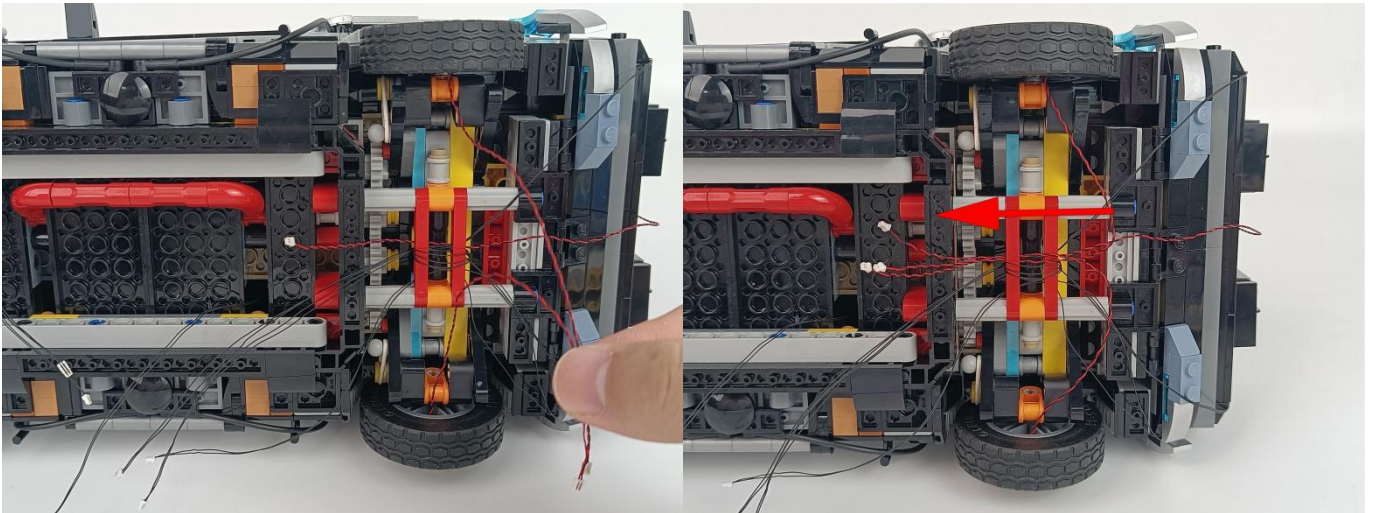
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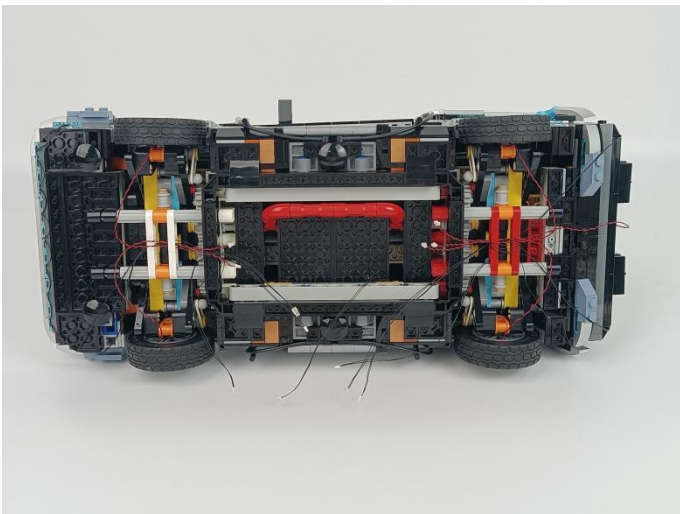
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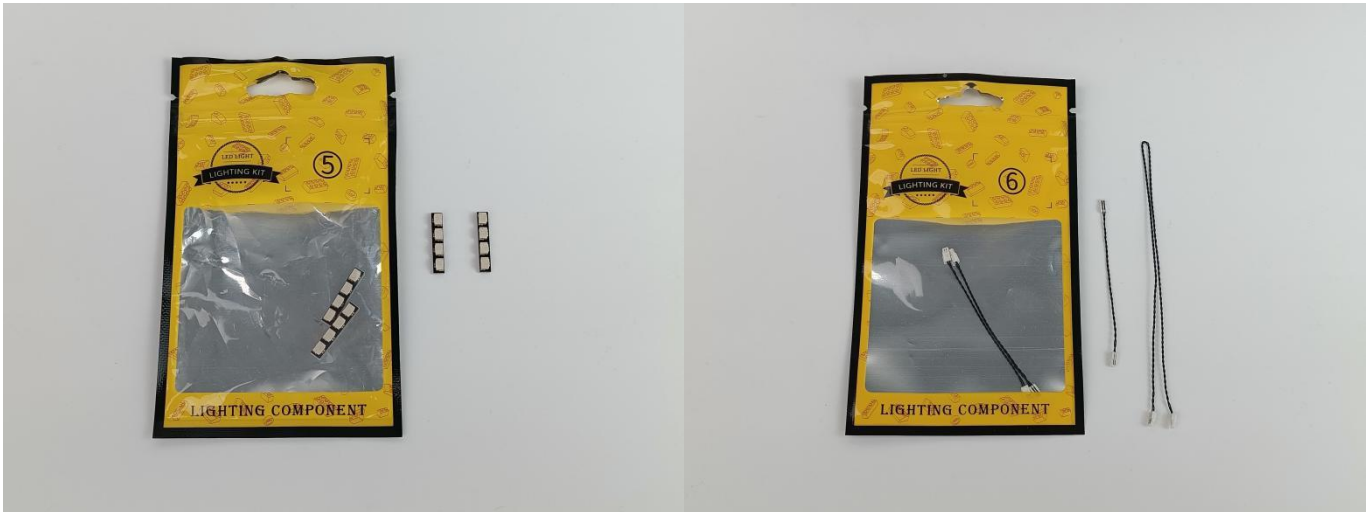
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99



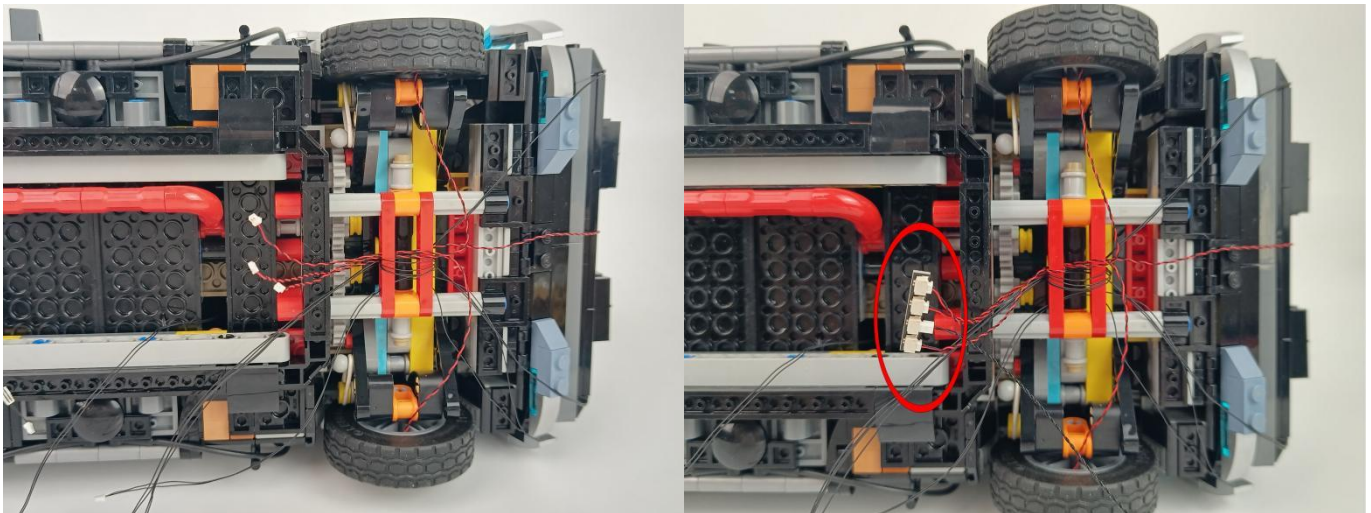
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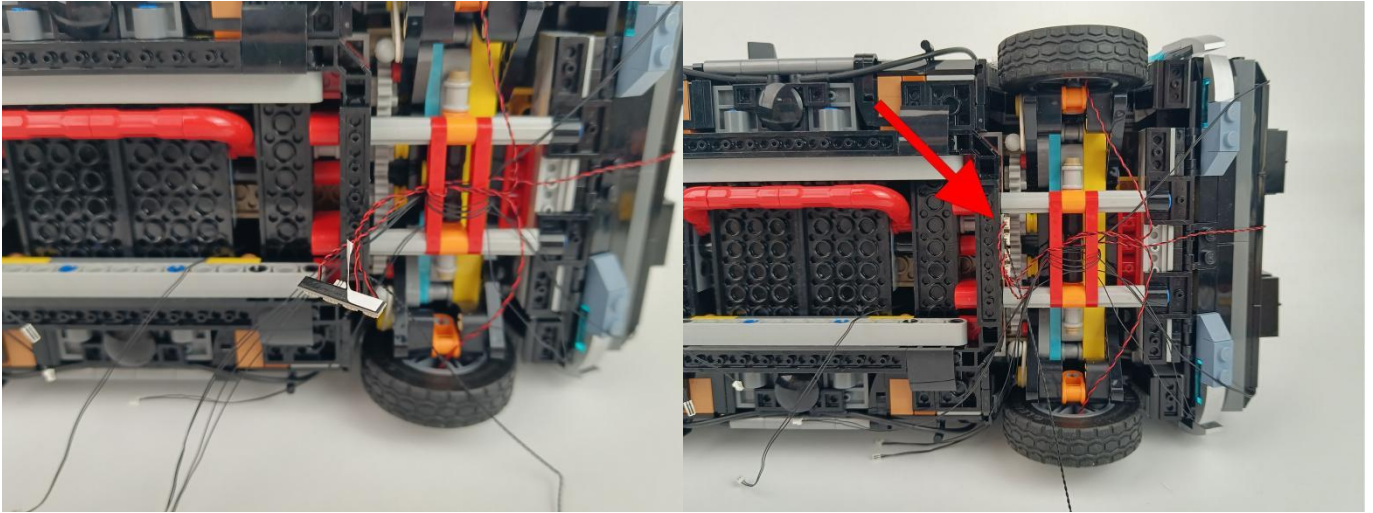
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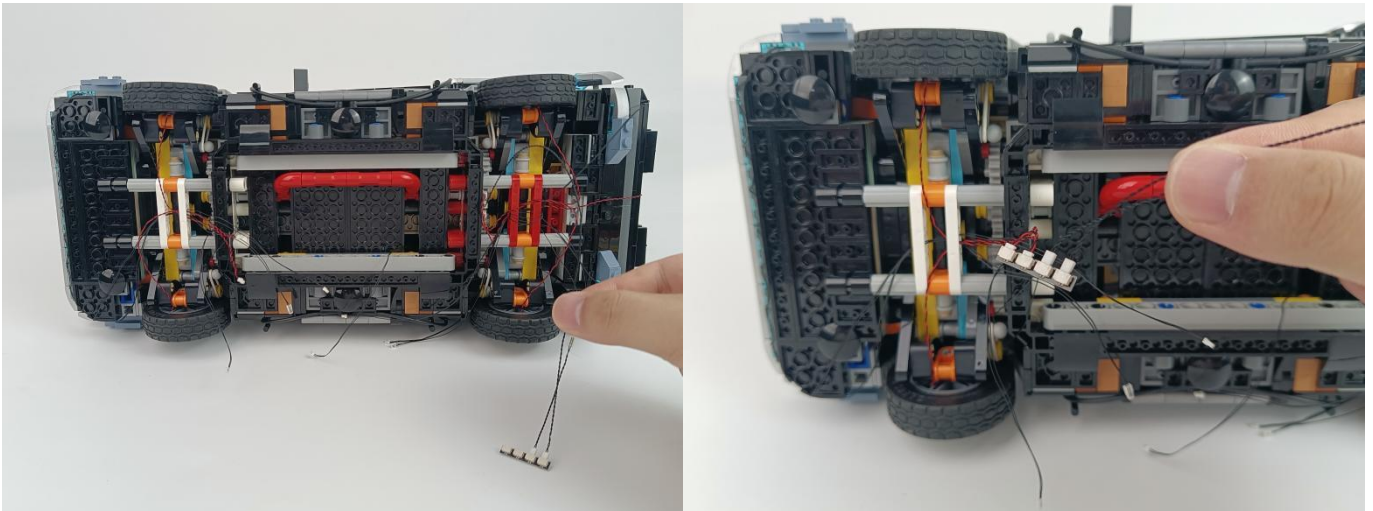
102. After connecting the light wires to the expansion board, do not pull them too tightly to prevent the wheels from rotating properly.



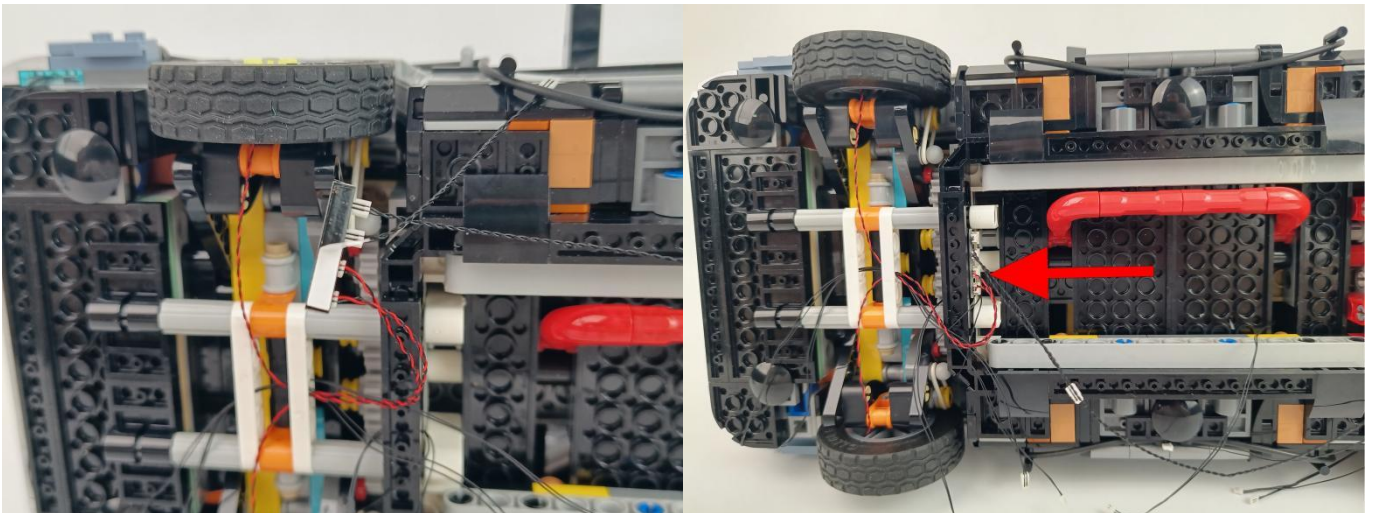
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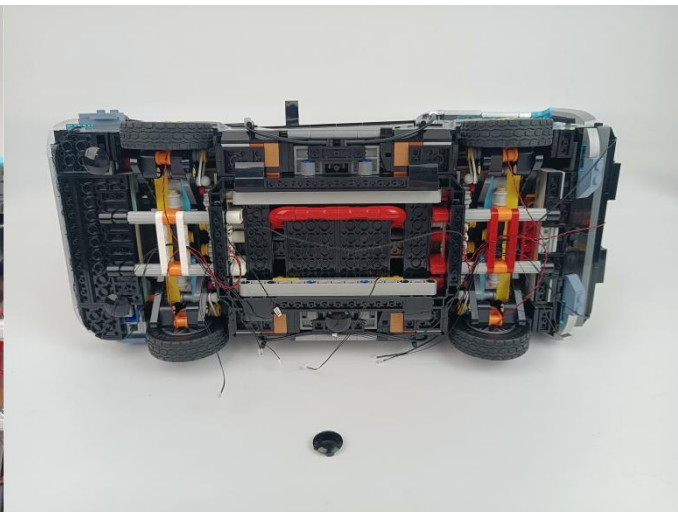
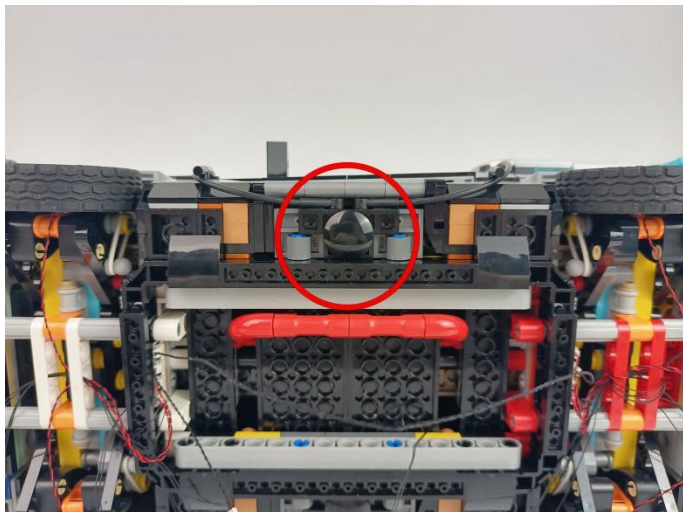
104.After connecting the light wires to the expansion board, do not pull them too tightly to prevent the wheels from rotating properly.



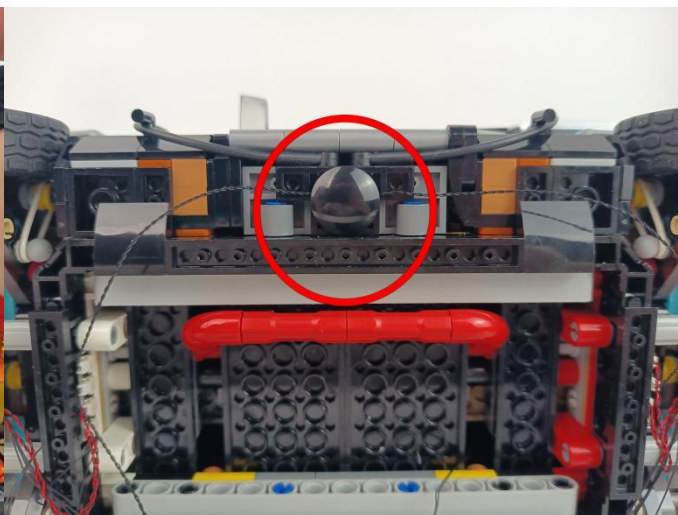
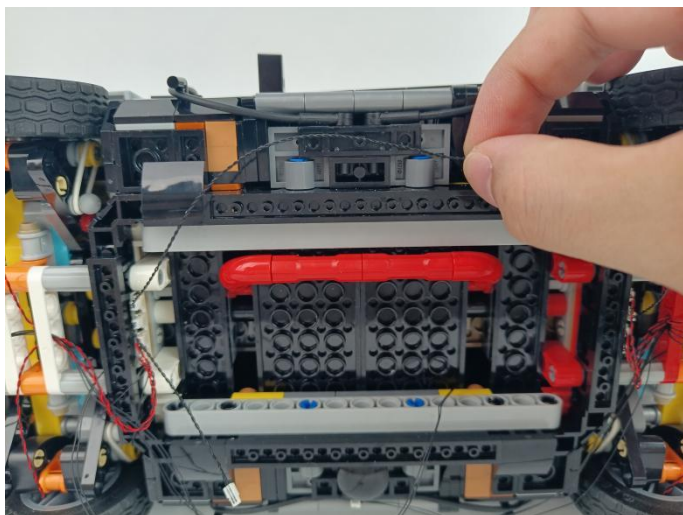
105



106



107



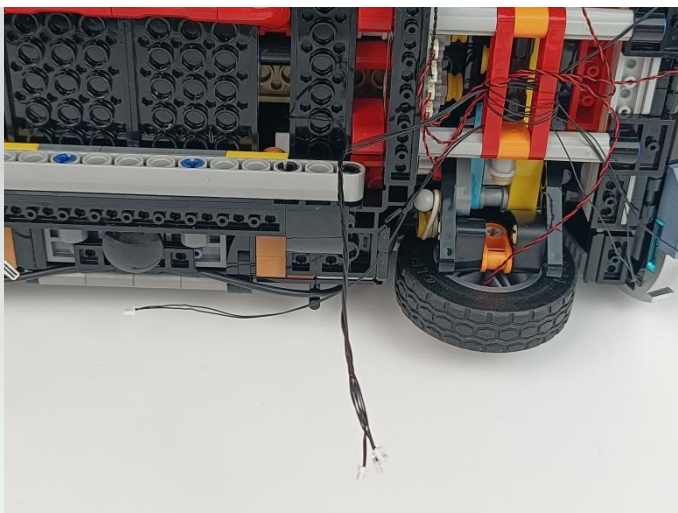
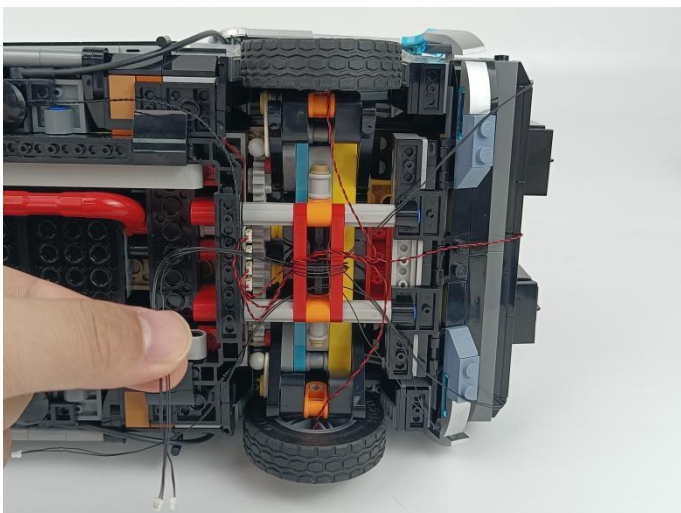
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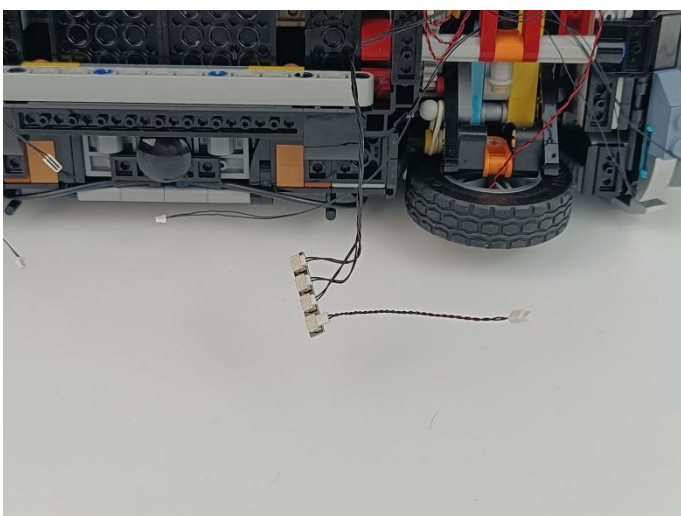
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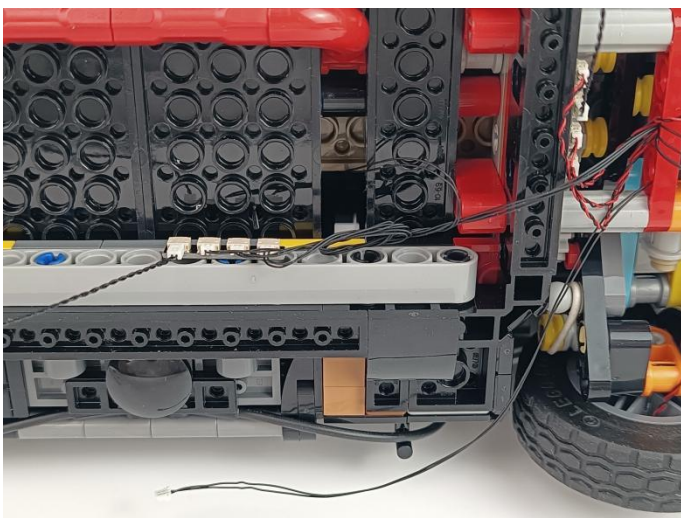
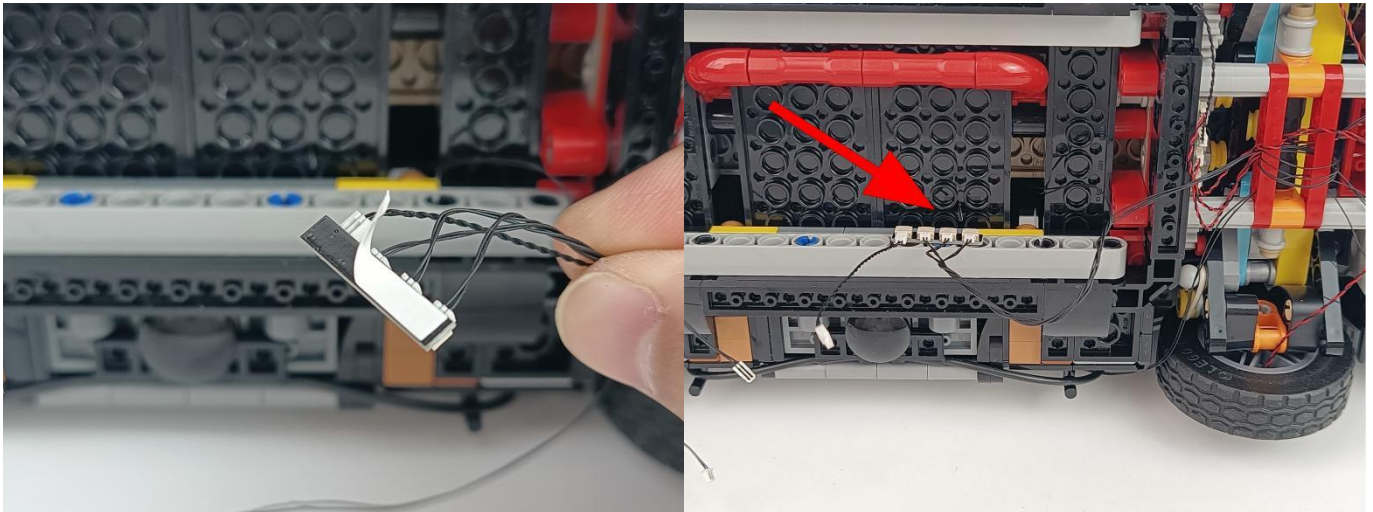
110. Twist the three wires—the model cab light wire and the rear tail light wire—into a single strand.



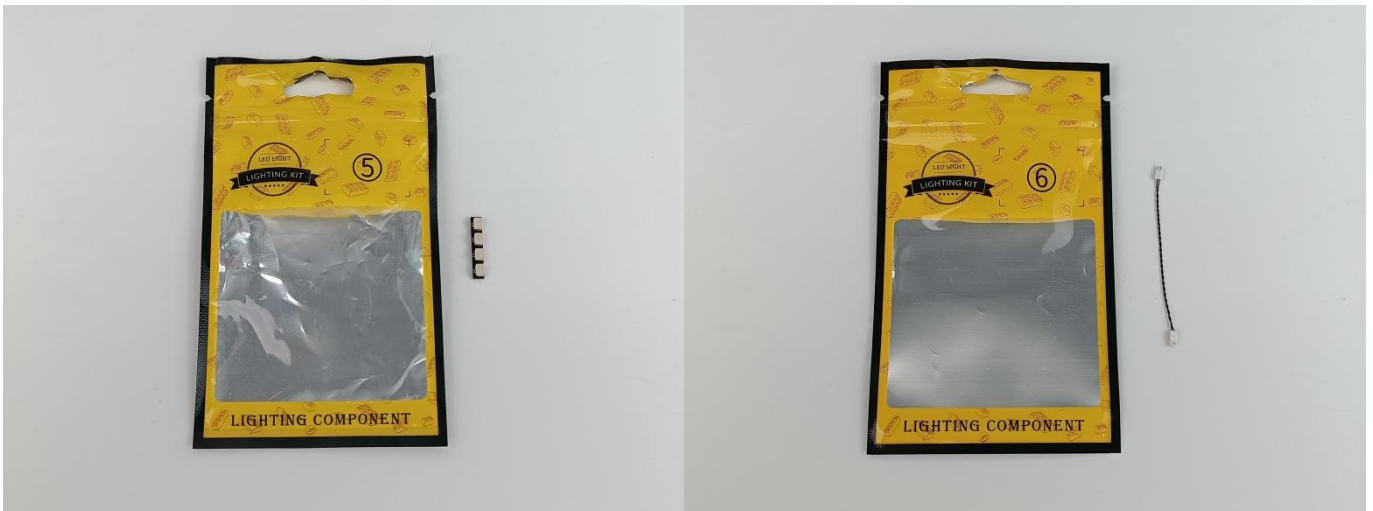
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112



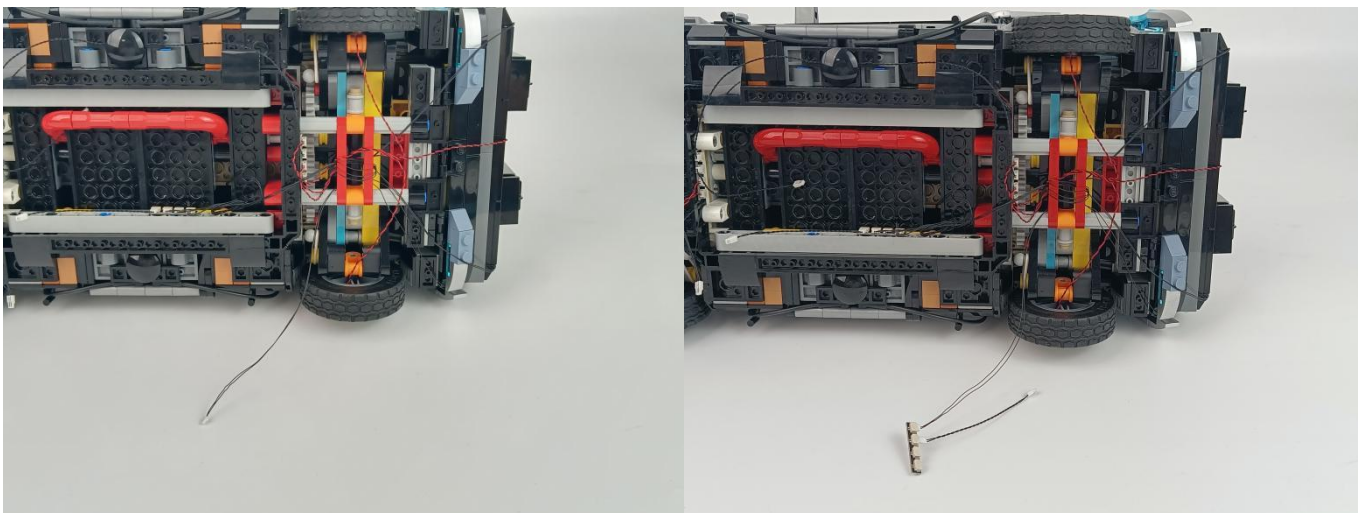
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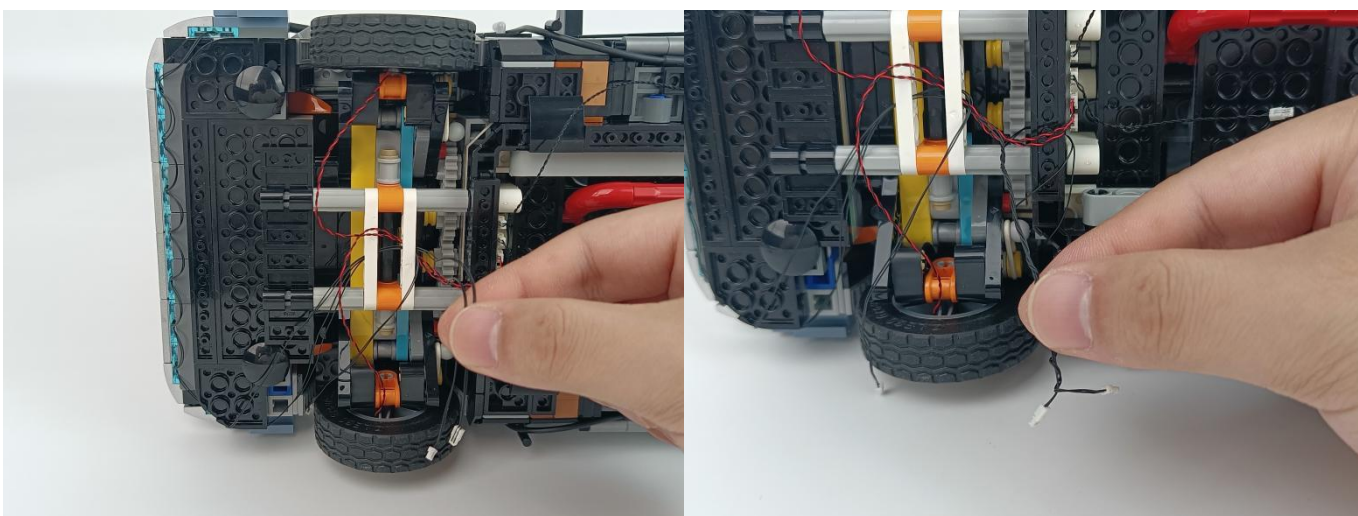
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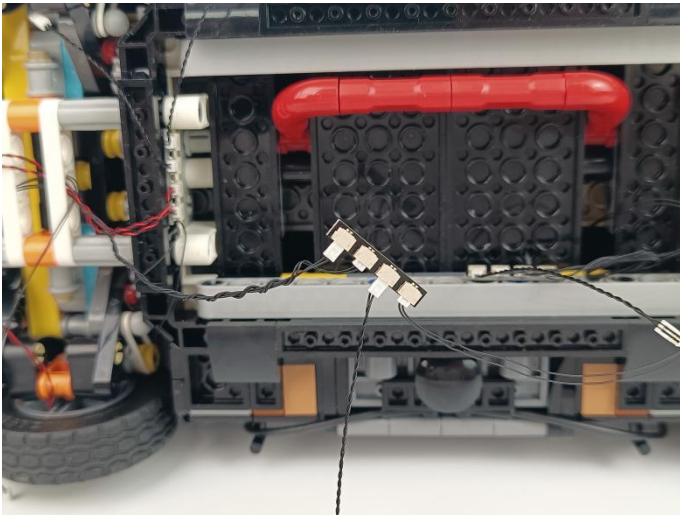
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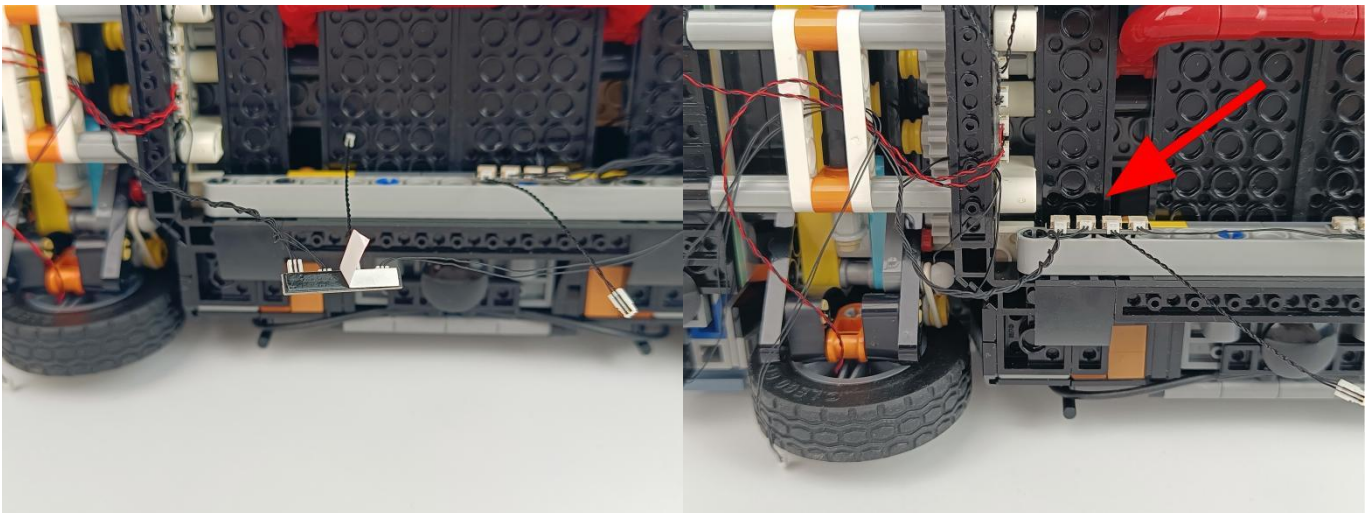
116. Screw the light line at the very front of the model together with the light line above the model's hood.



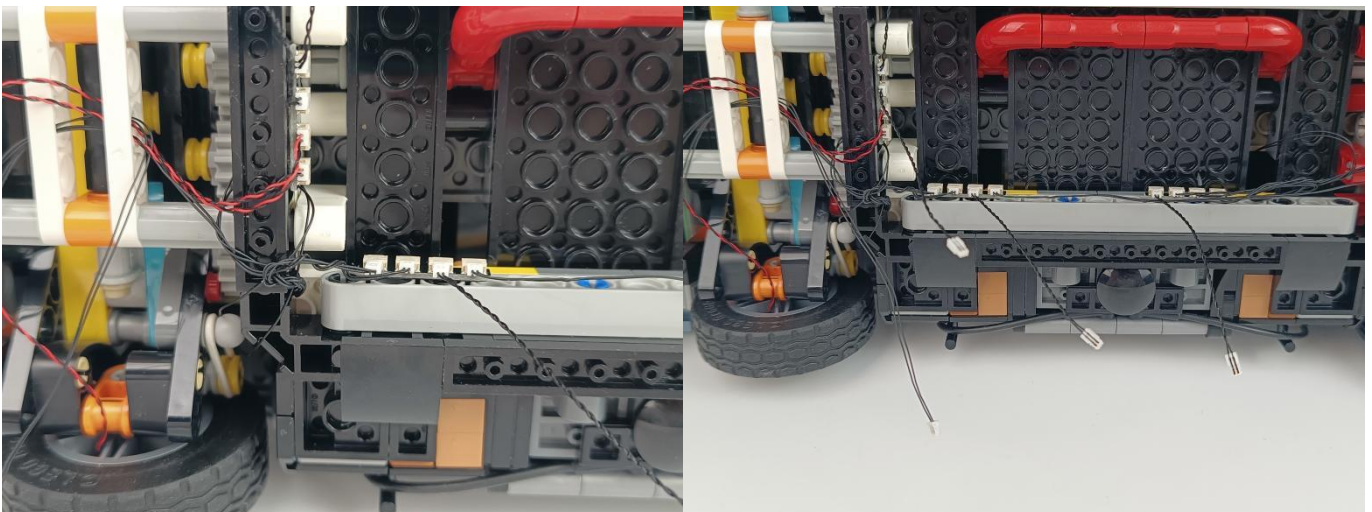
117. Pull the expansion board to the front of the model and connect the light wires.



118



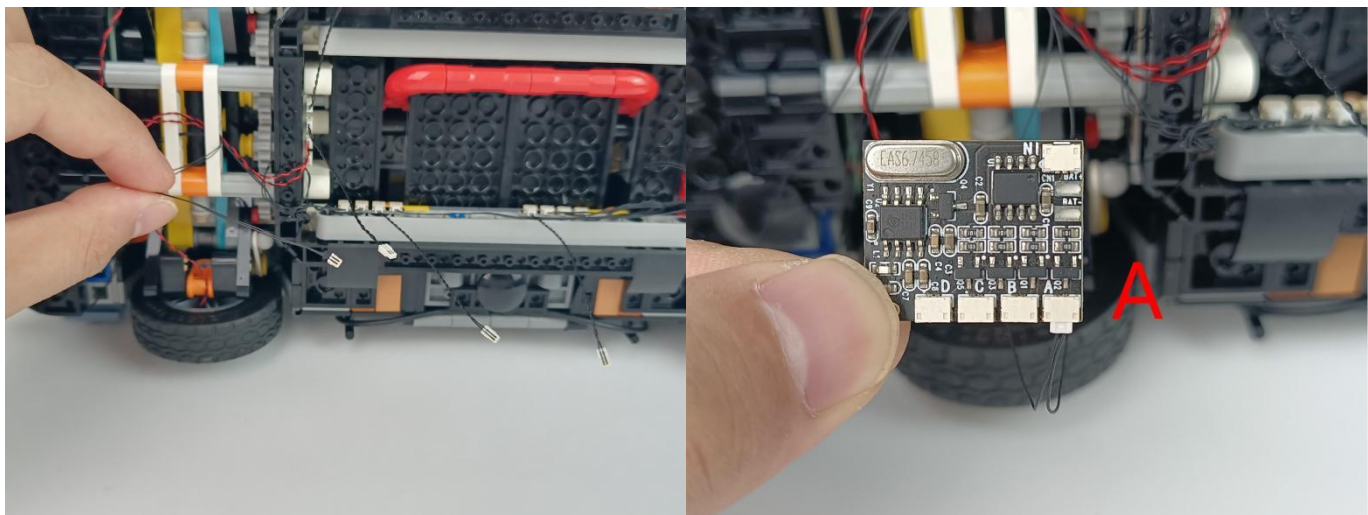
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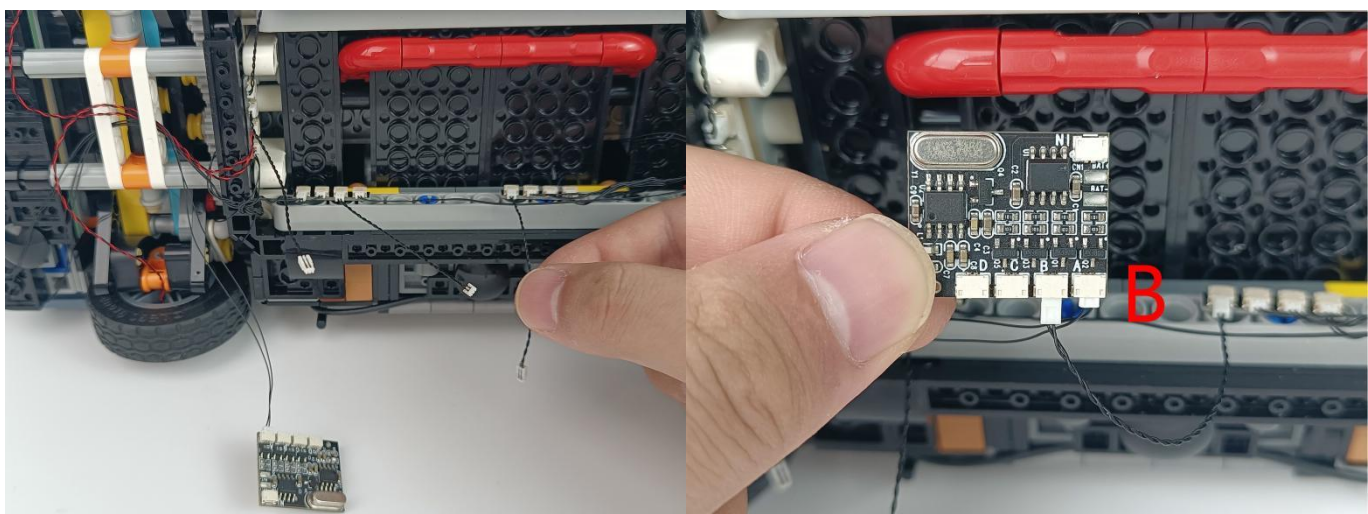
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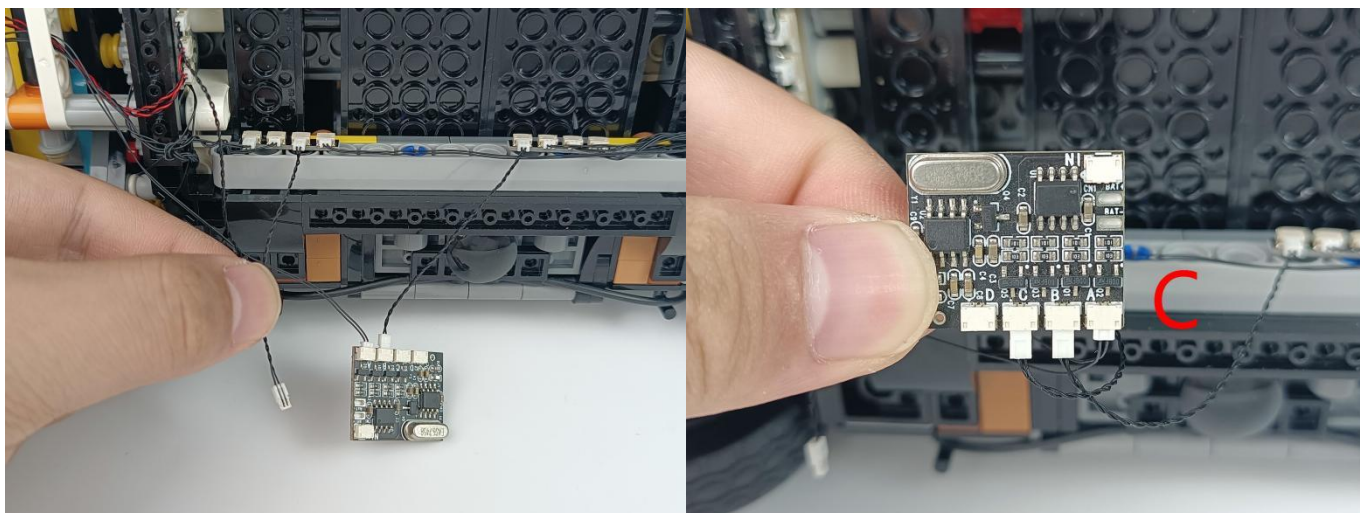
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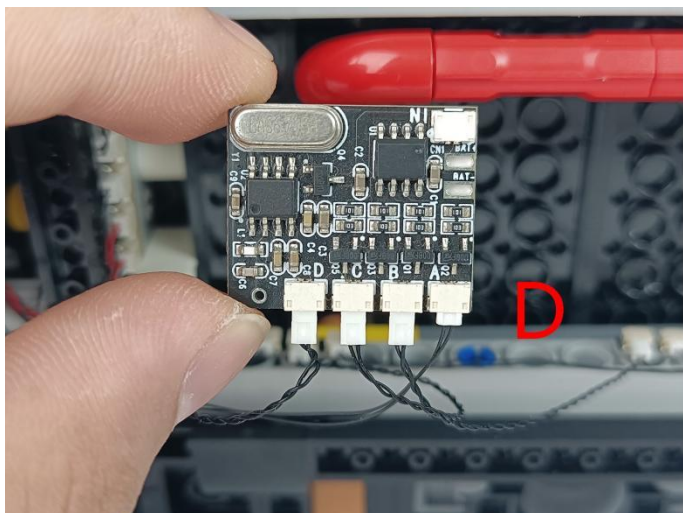
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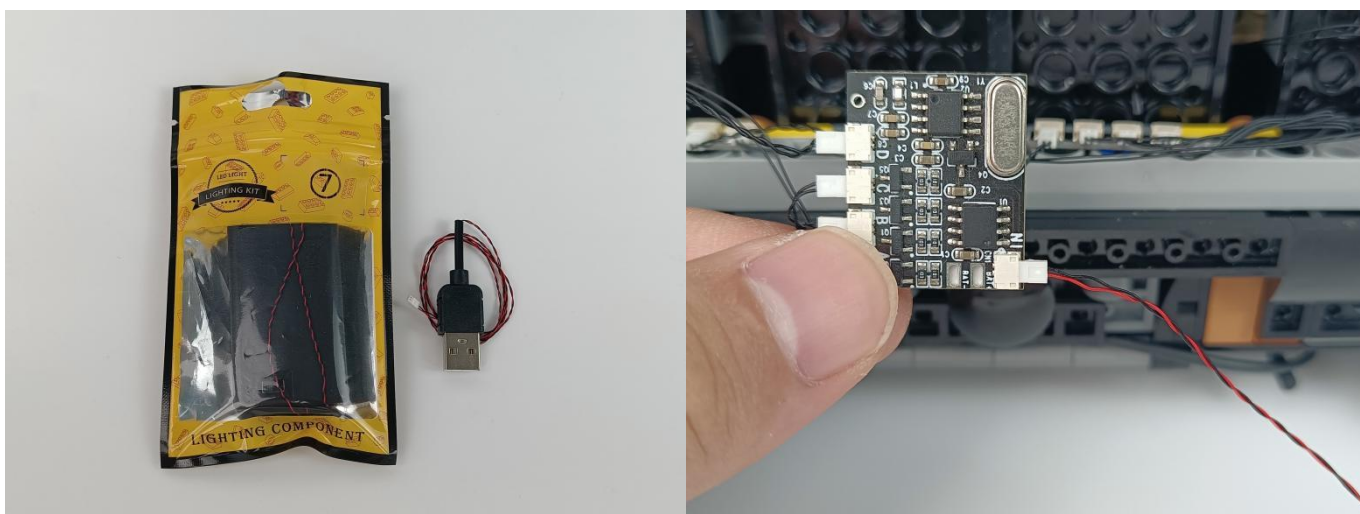
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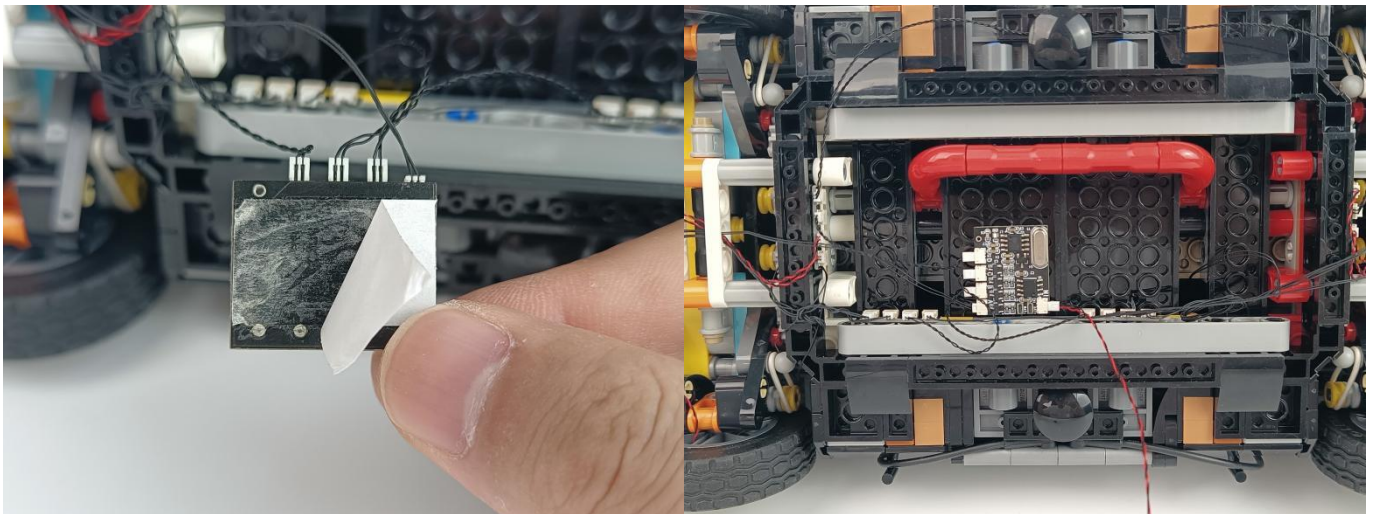
124. Connect the remaining lamp wires to Port D of the module.



125



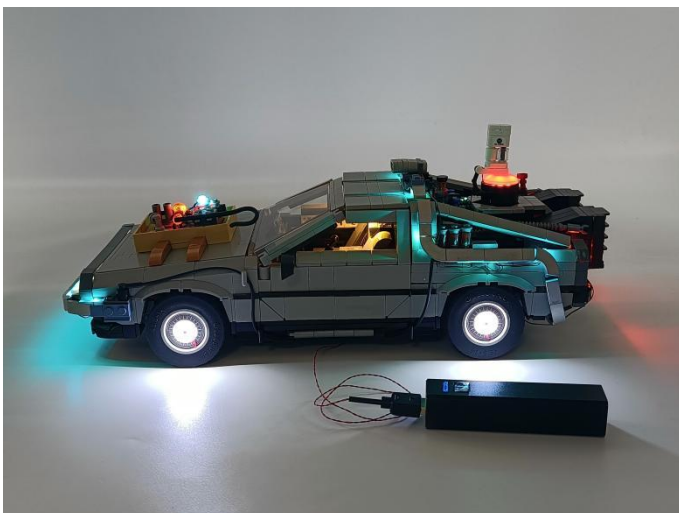
126



127



128



Good job, you've done all the installation steps, power it up and enjoy your work.



The battery box can also power the set. If it is necessary to change the power supply , prepare three aaa batteries, install them in the battery box, turn on the switch on the battery box, remove the plug of the usb power cable from the socket of the expansion board,plug the plug of the battery box to the same socket in the expansion board to power the suit as well.

THANKS

Tips

If you encounter any installation problems please contact the seller, we will be happy to help you solve!