

80109 Lunar New Year Ice Festival GC166

- 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.

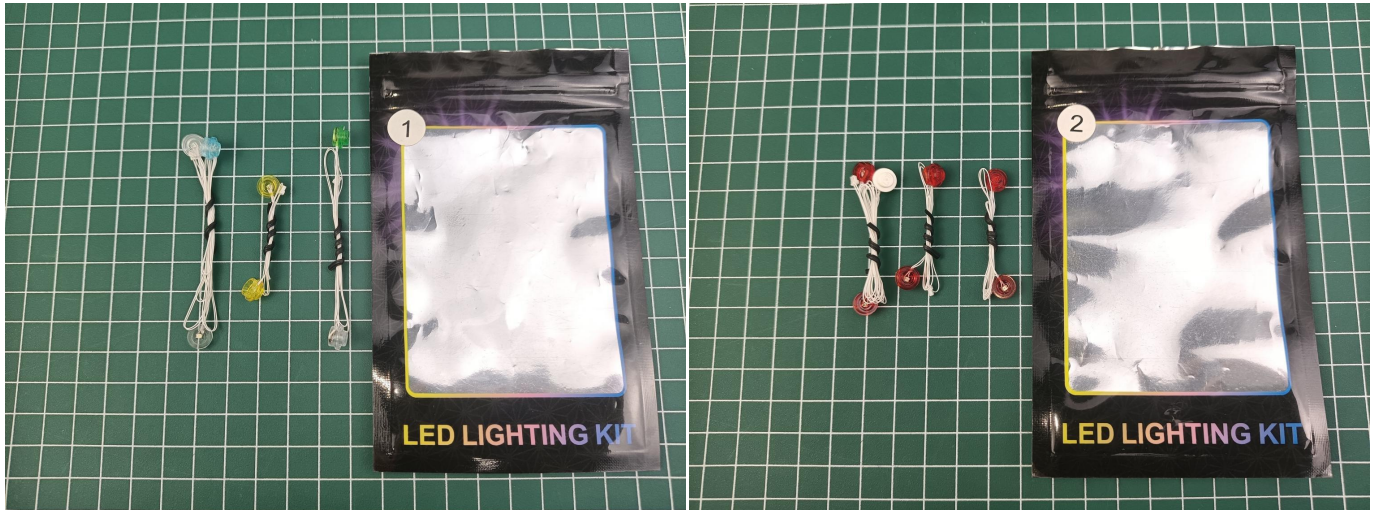
Each components is Manual customization so it is necessary to test that each components is working properly to avoid the situation that the lighting does not work .

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 steps.

Section A: Check the type and quantity of components.

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



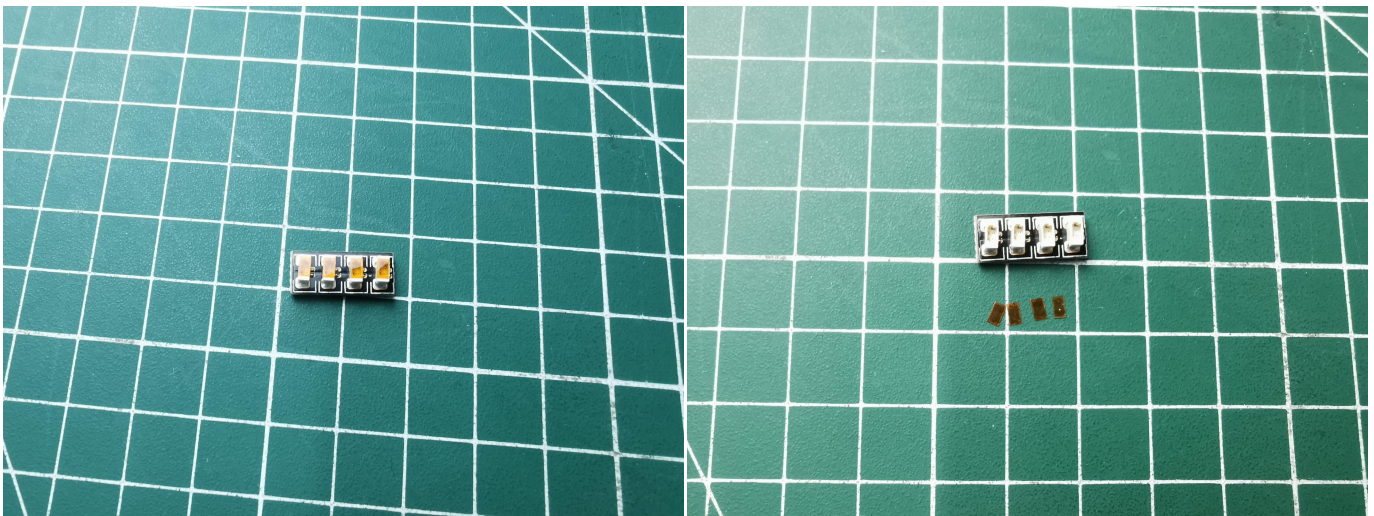
Please contact us immediately if there have any missing components.

Section B: Test that each components is working properly.

Take out the Expansion Board and the USB Power Cable from No. 5 bag.

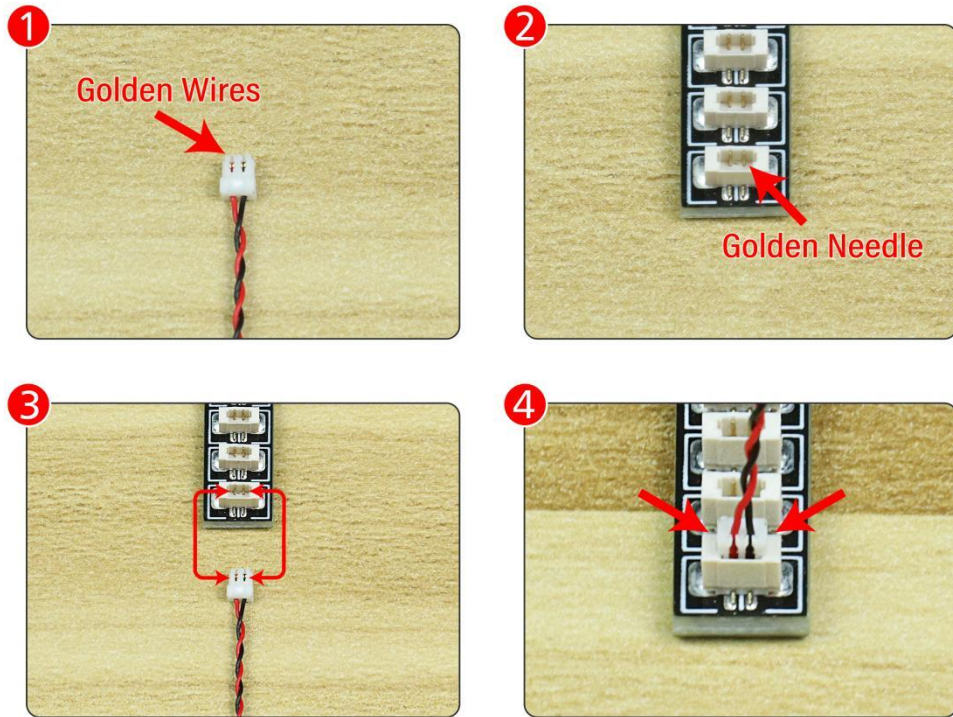


Remove the protective film from the Expansion Boards.



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.

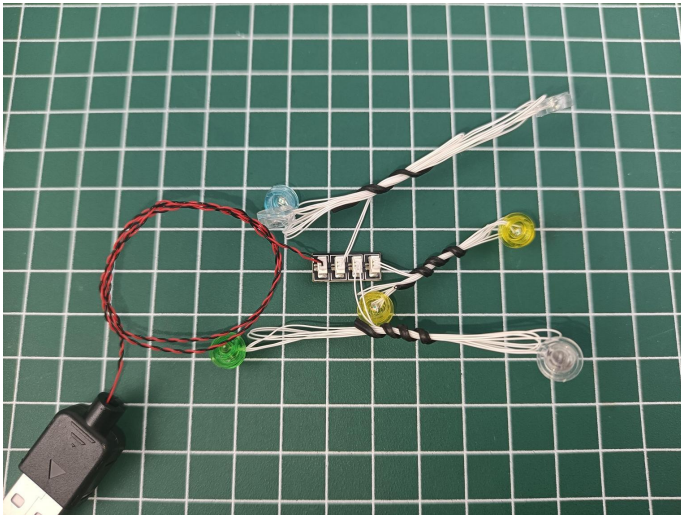
Note that on one side of the white plug you can see two very small golden wires that should be connected to the two golden needles in socket of the expansion board. shown as blow.



Connect the Expansion Board and USB Power Cable as shown.

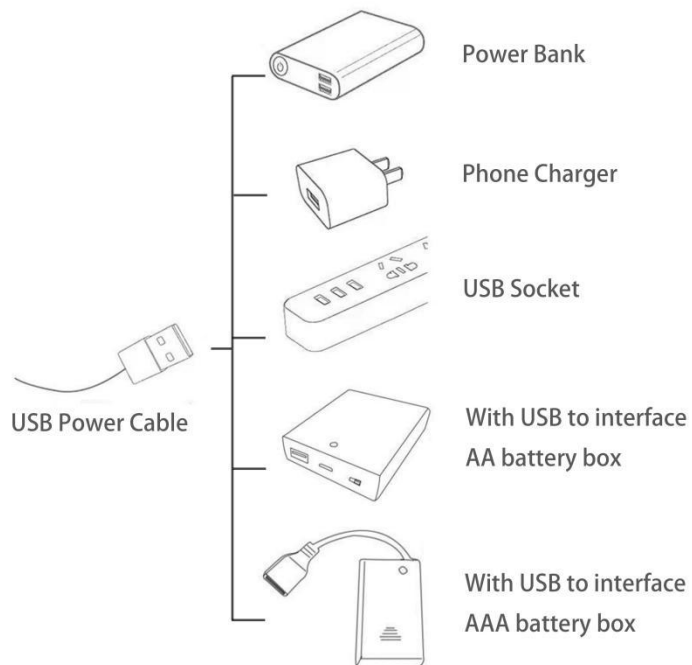


Connect all the components in No.1 bag to the expansion board in same way just as shown.

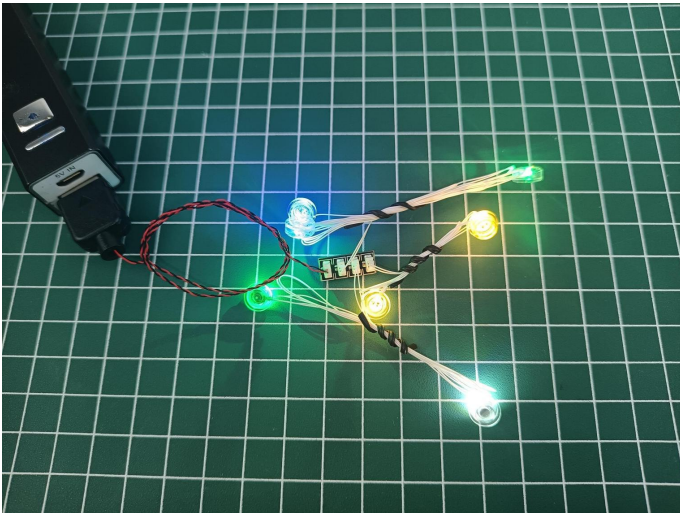


The USB Power Cord can be powered by phone chargers, power banks, etc. This instruction will use the power bank as power supply.

USB connectors to connect devices



Turn on the power bank, all the lights are on as shown.



Unplug these three components and put them back in the corresponding bags. There are three in bag NO.2, three in bag NO.3,two in bag No.4 need to be tested.

Attention that after the test is completed, each components should put back in the corresponding bag including the socket and the usb power cable.

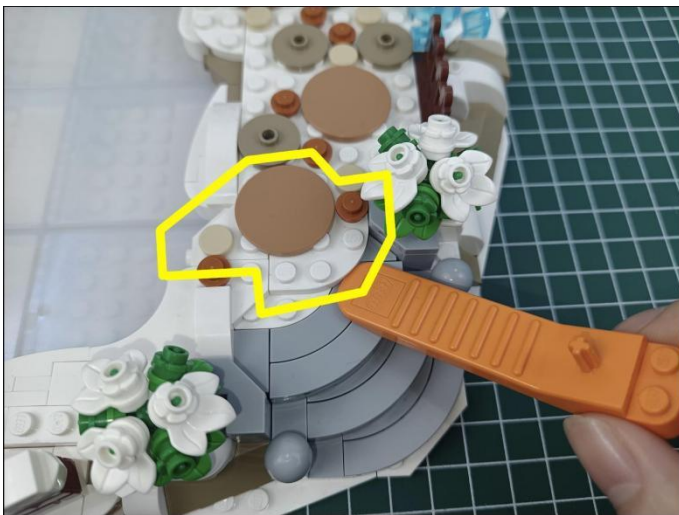
Please contact us immediately if any components don't work.

Section C: laying out components following the instruction.

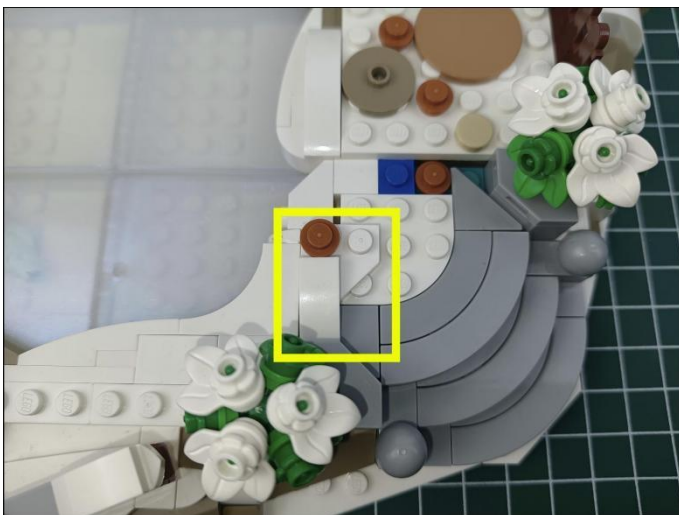
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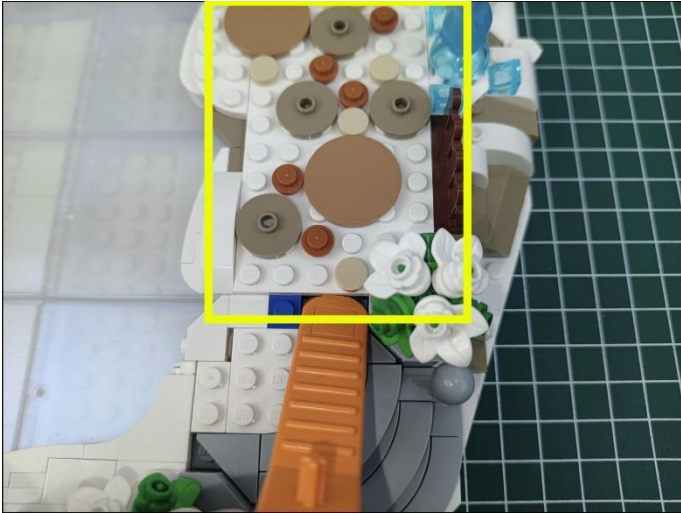
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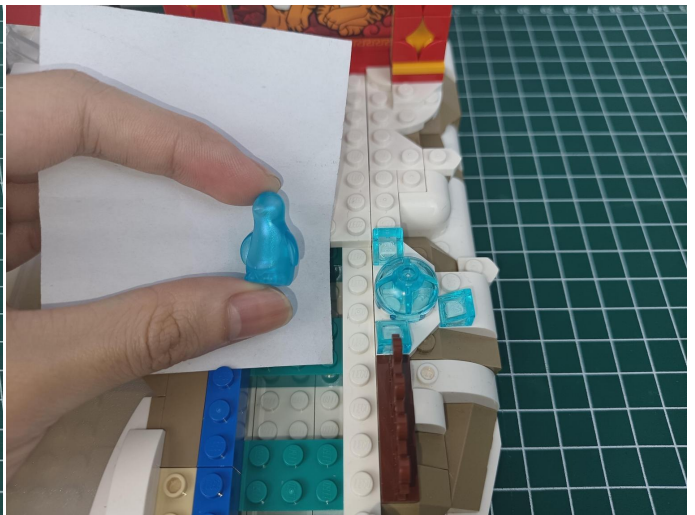
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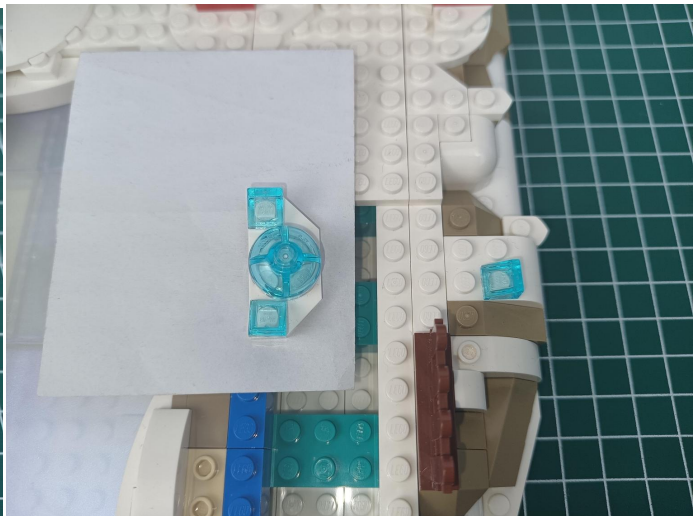
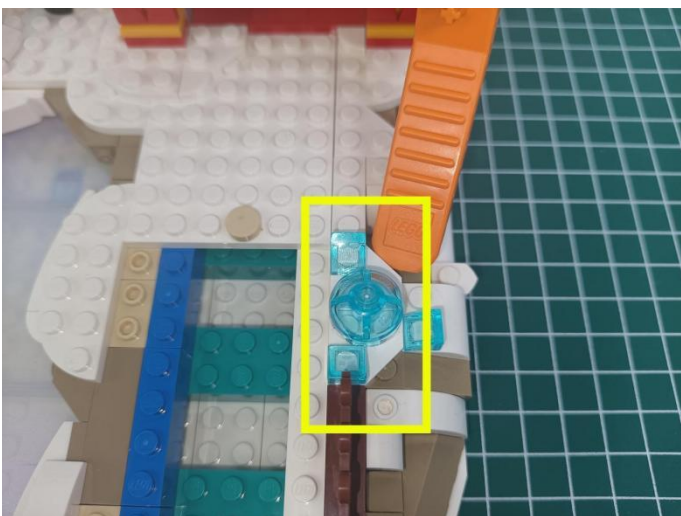
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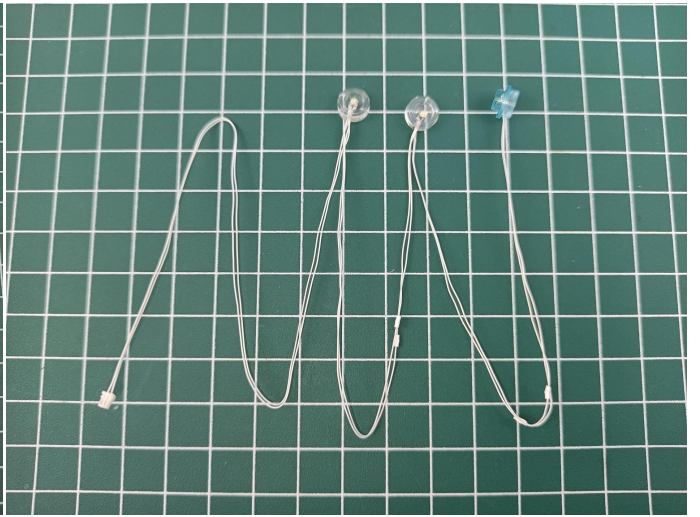
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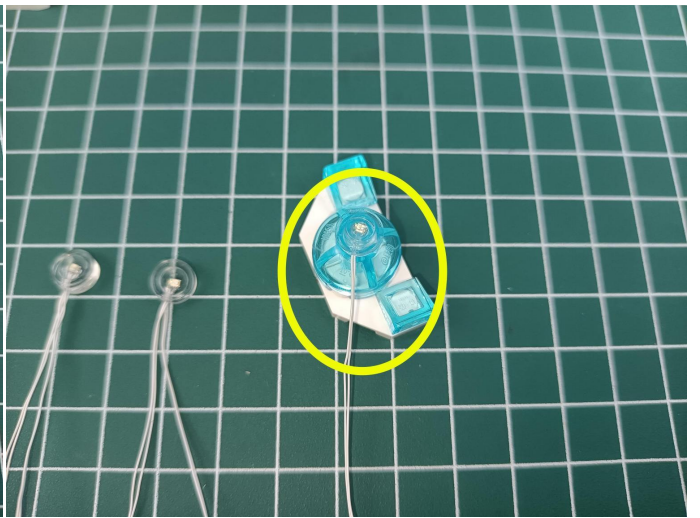
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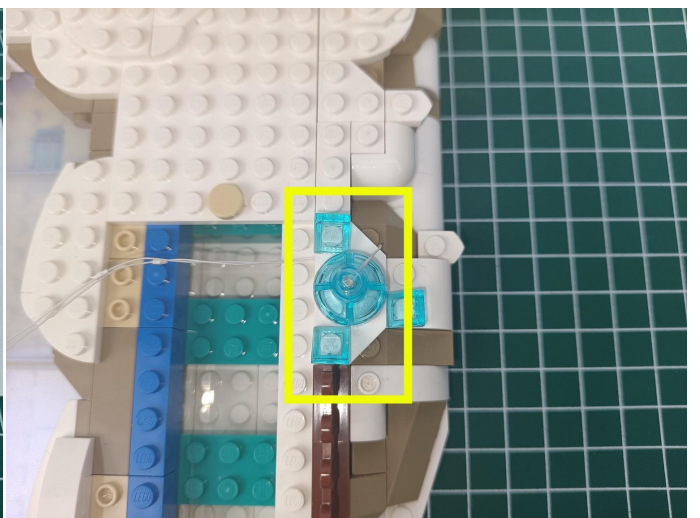
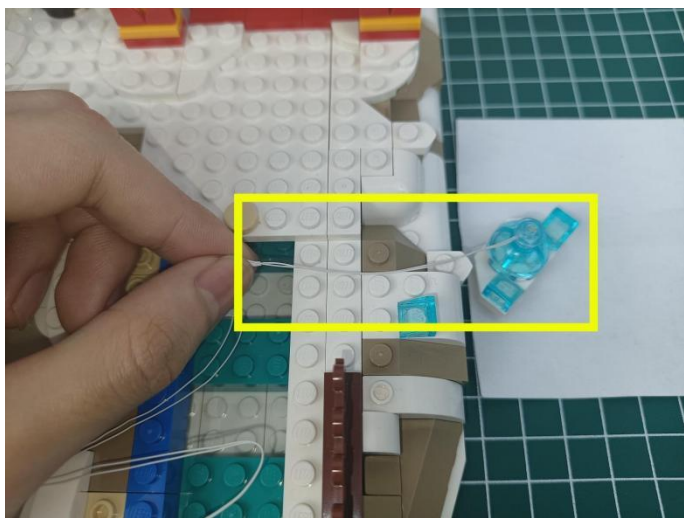
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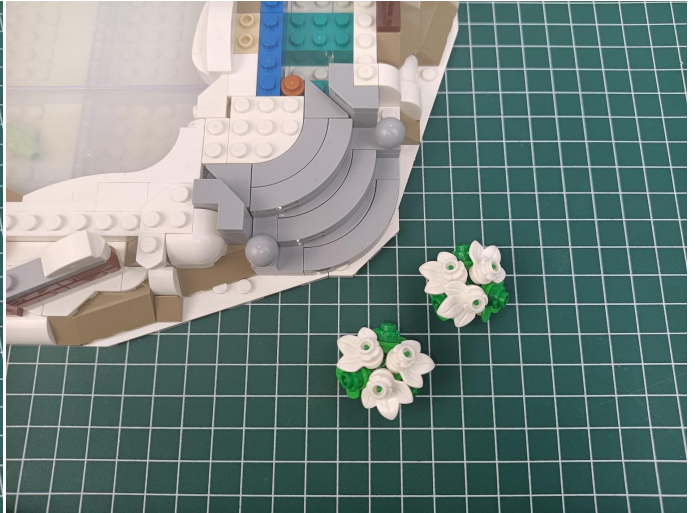
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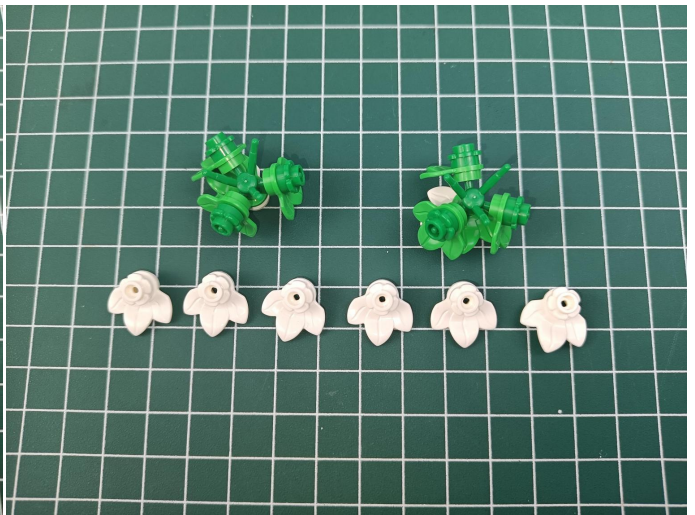
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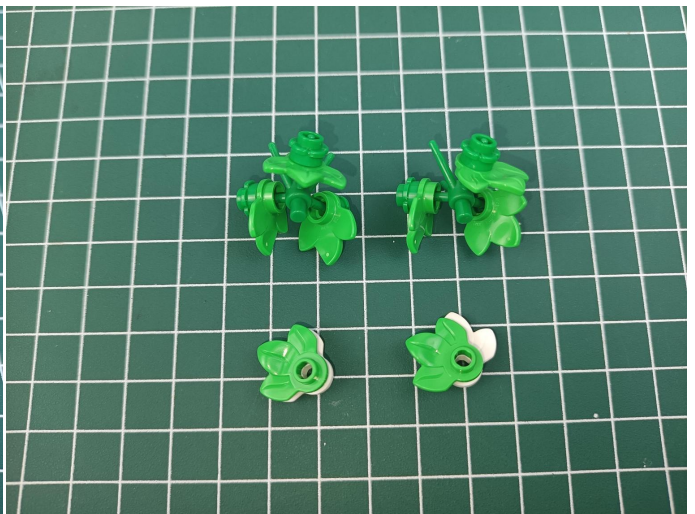
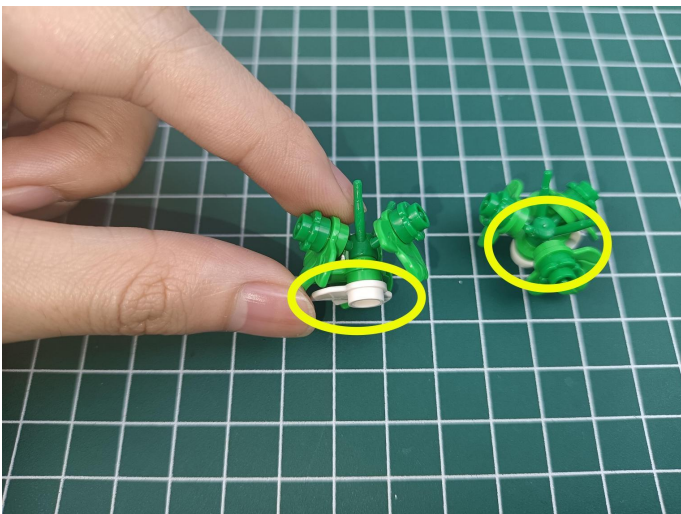
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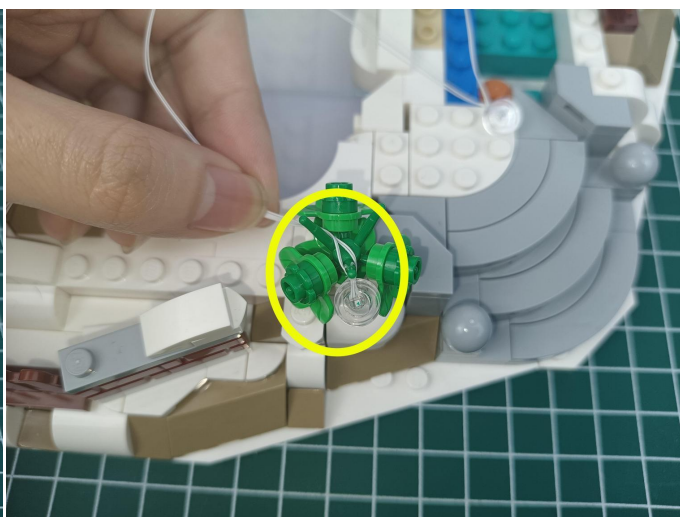
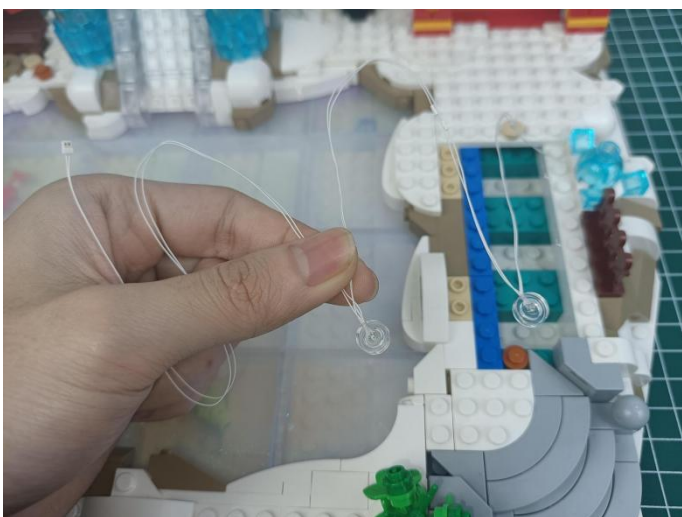
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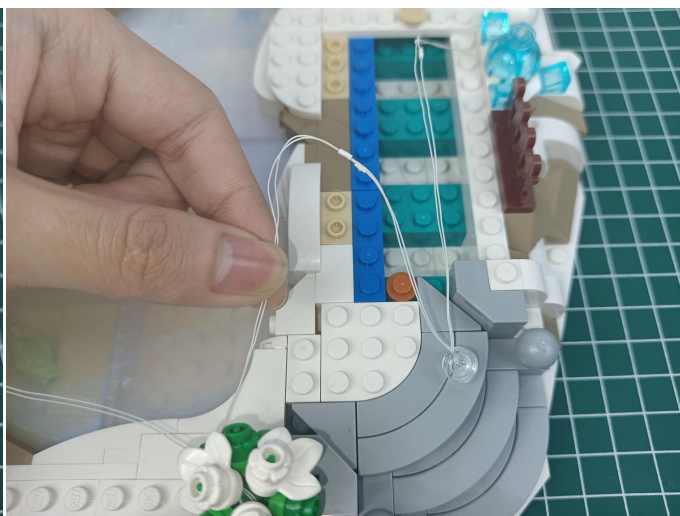
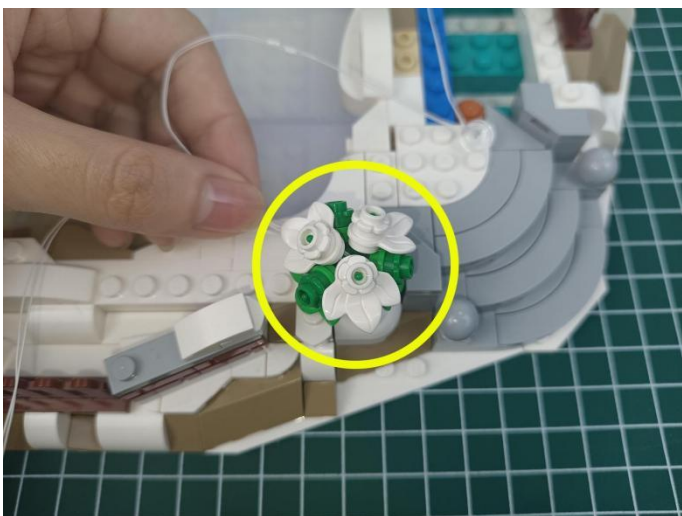
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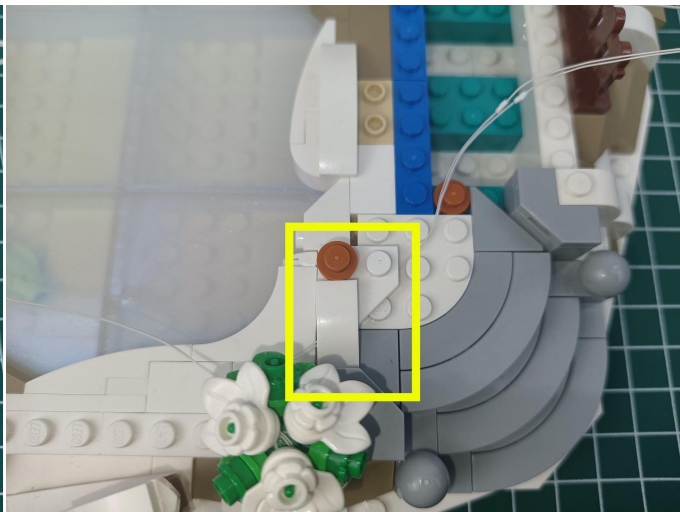
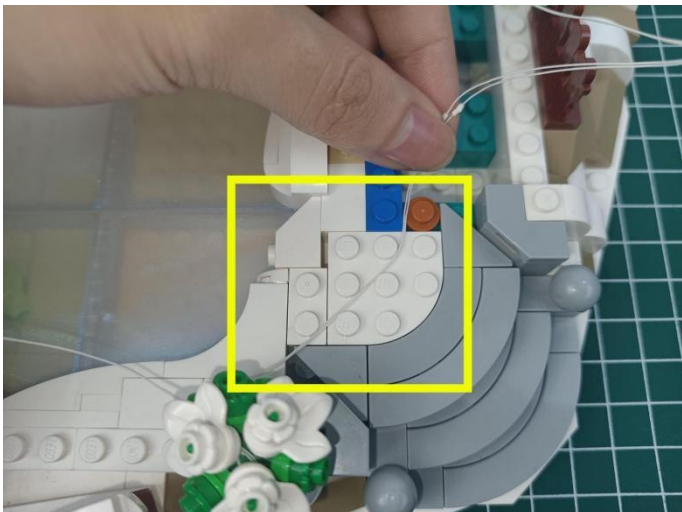
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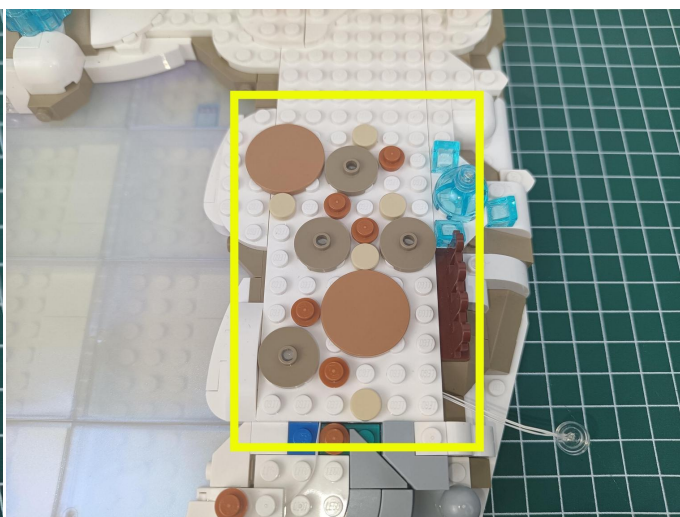
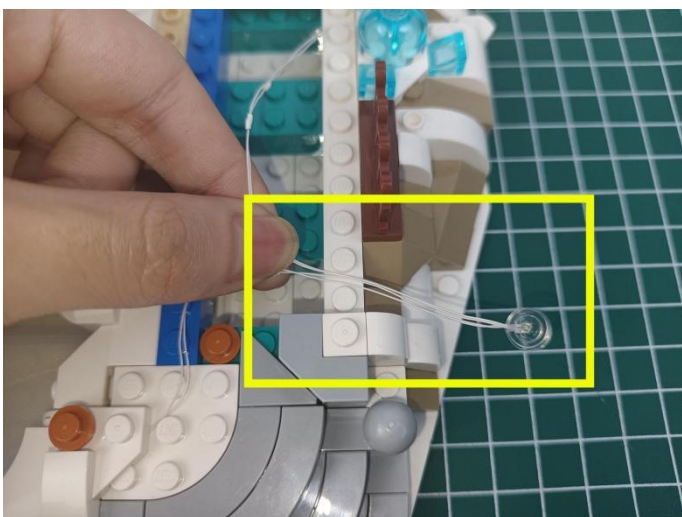
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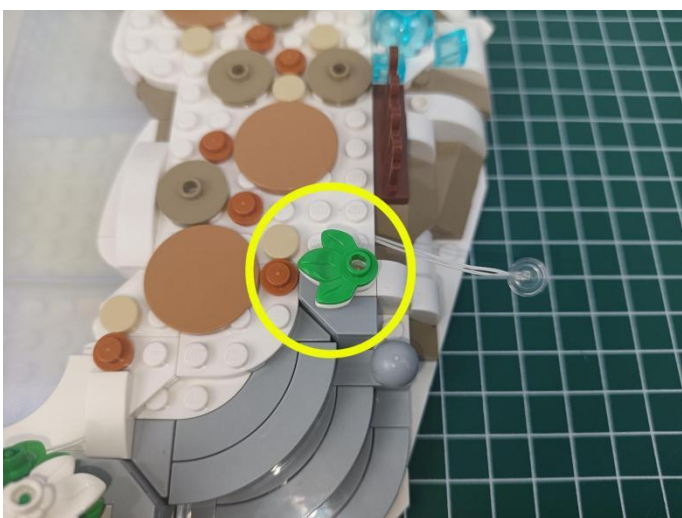
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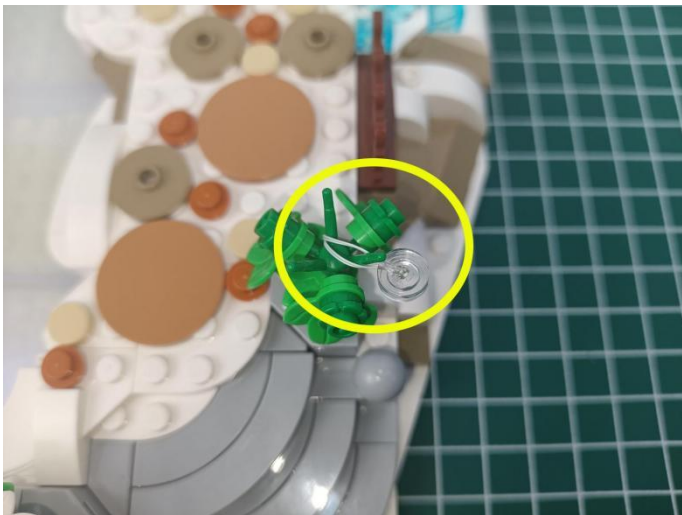
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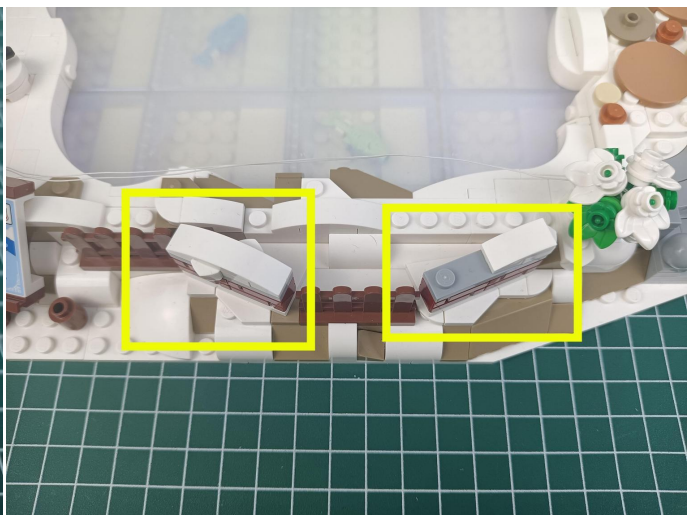
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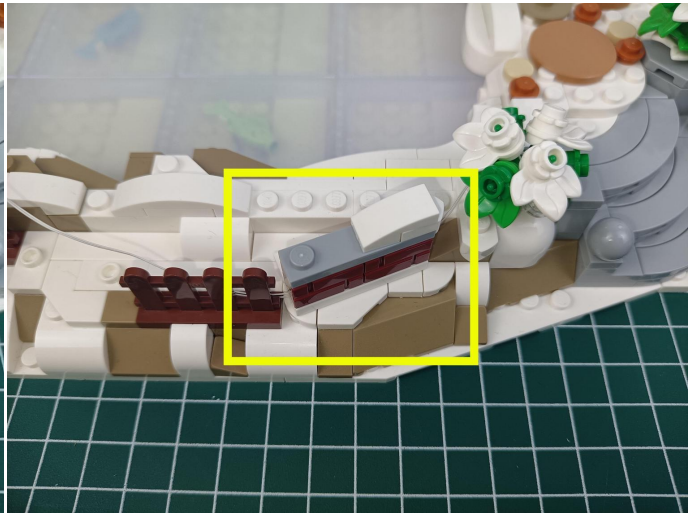
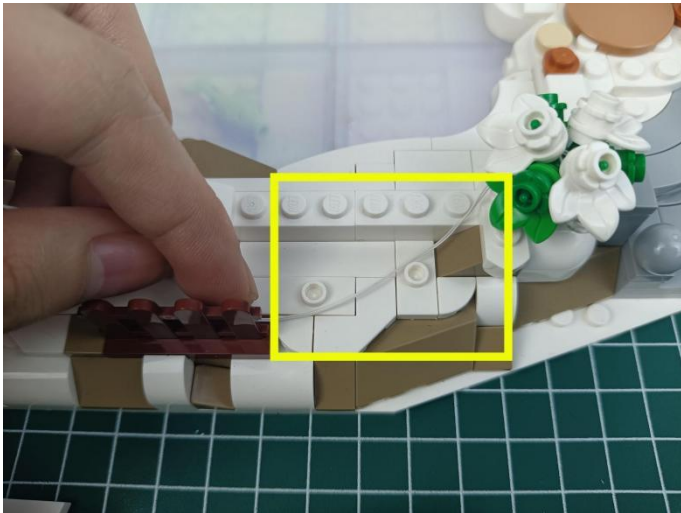
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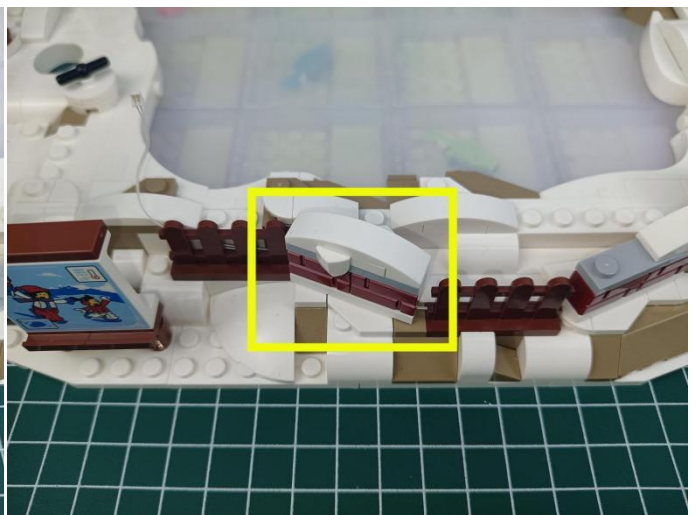
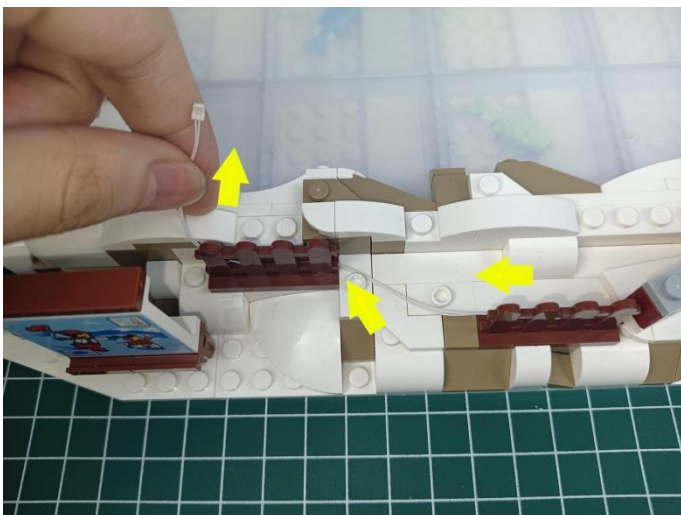
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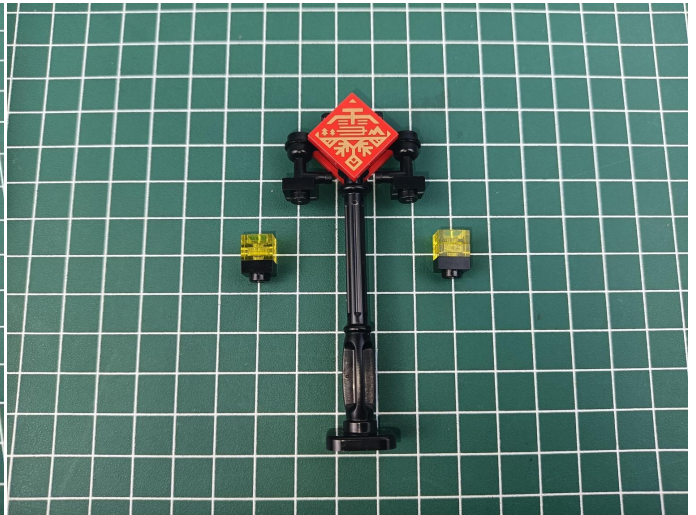
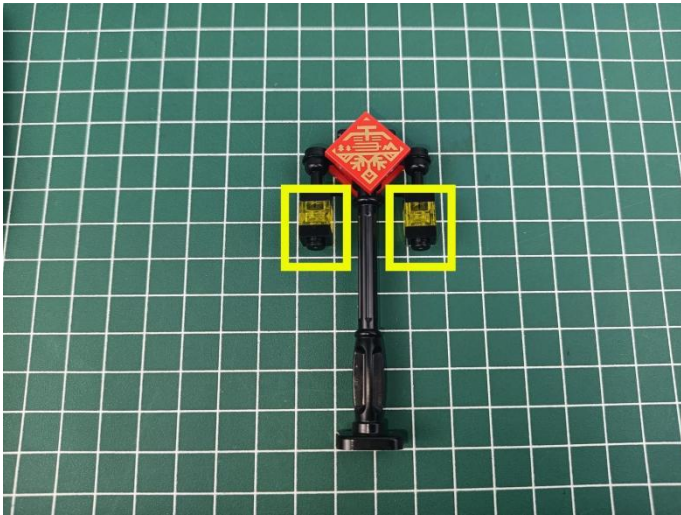
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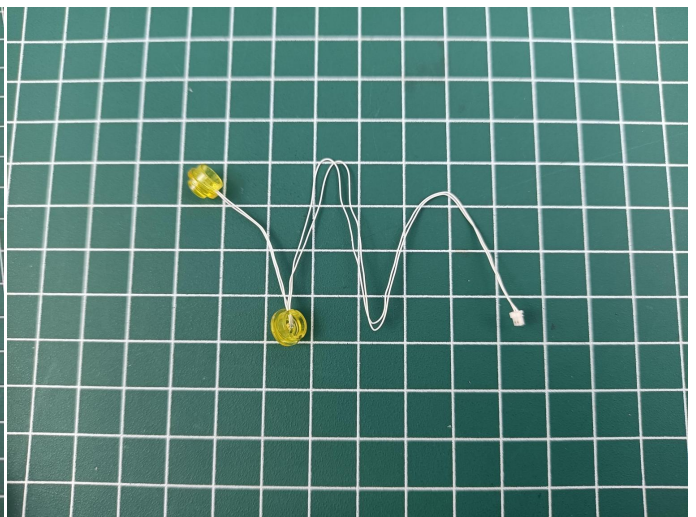
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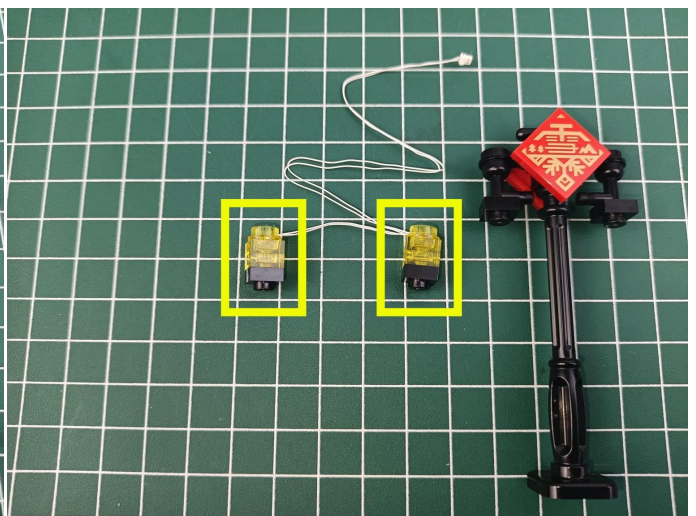
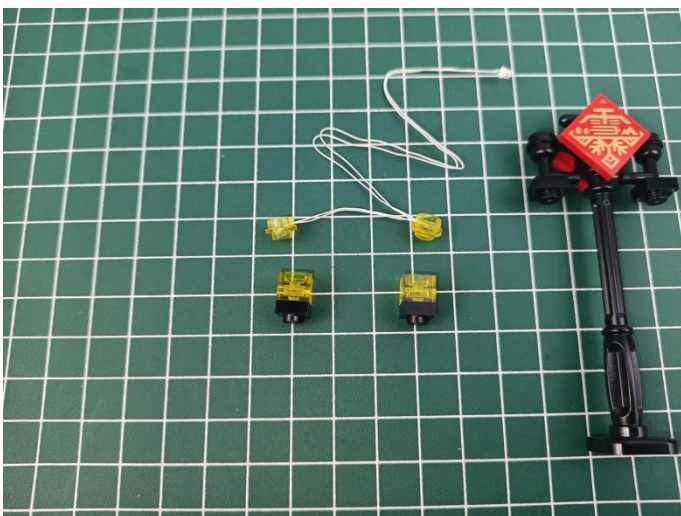
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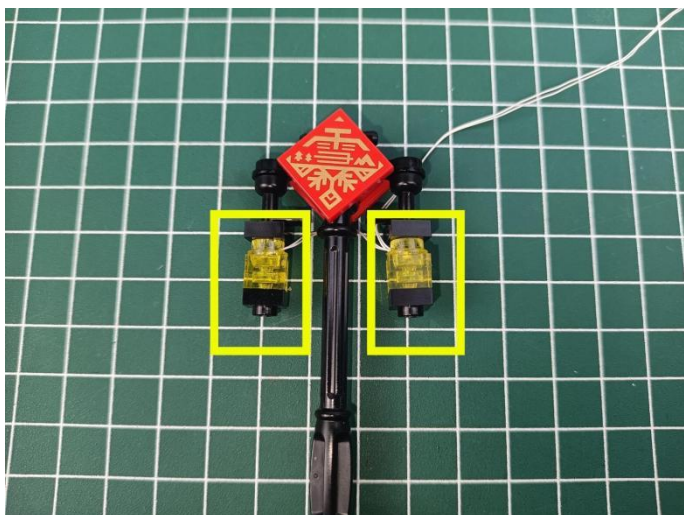
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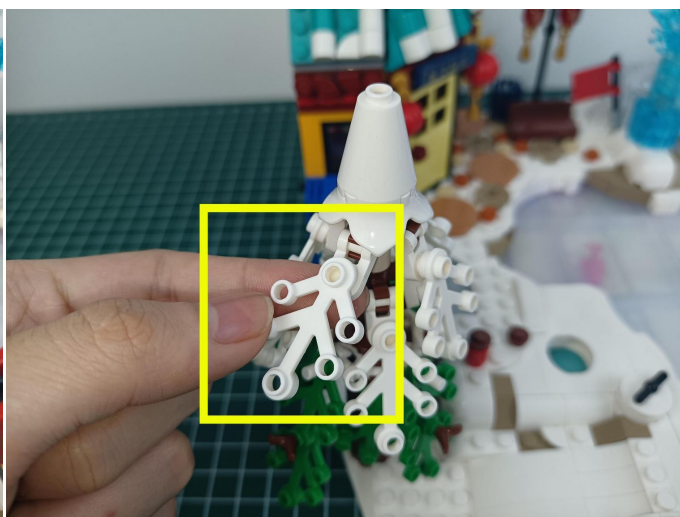
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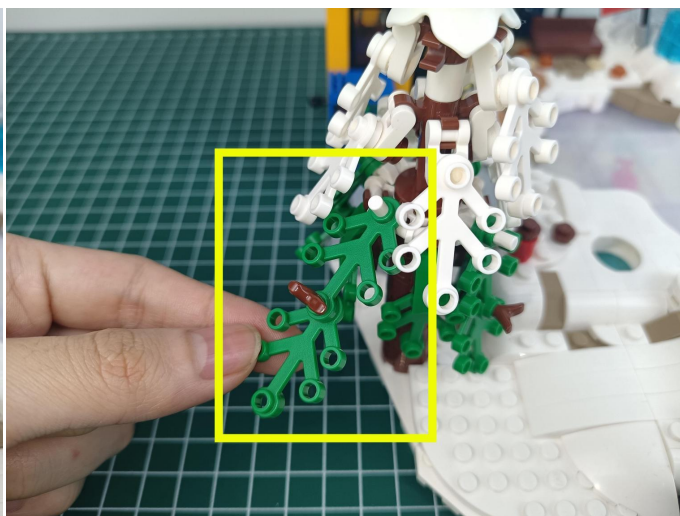
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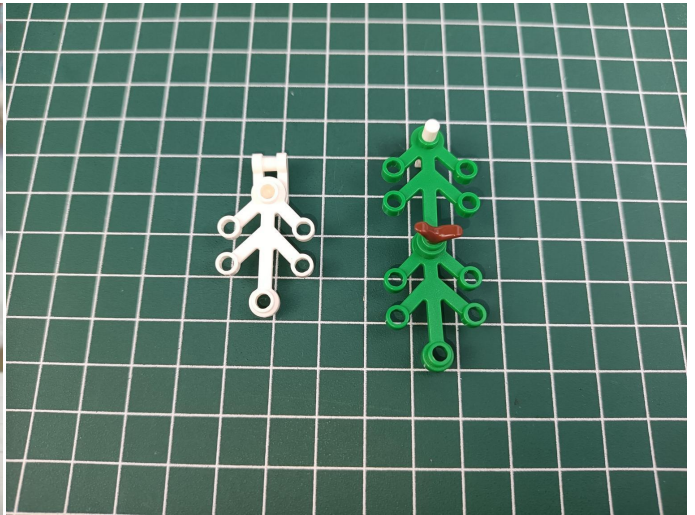
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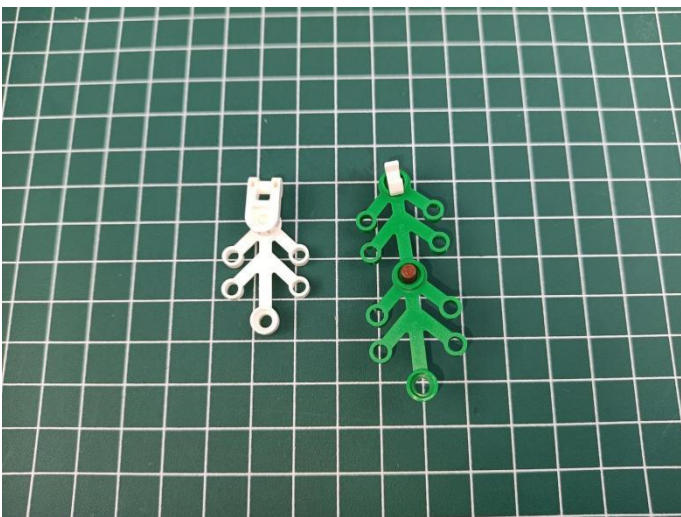
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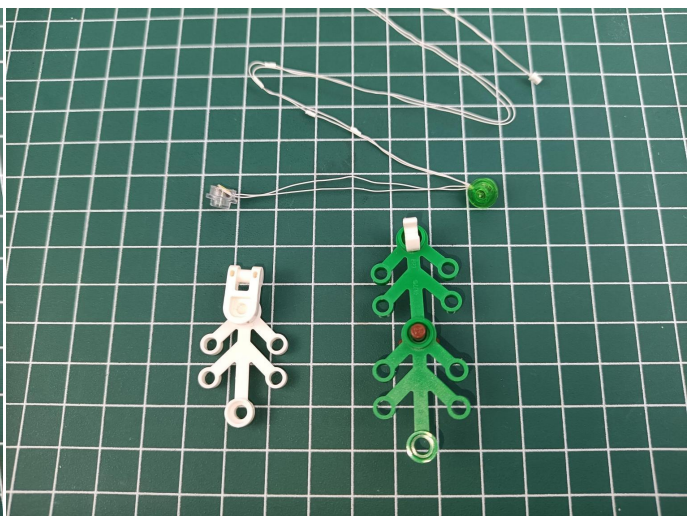
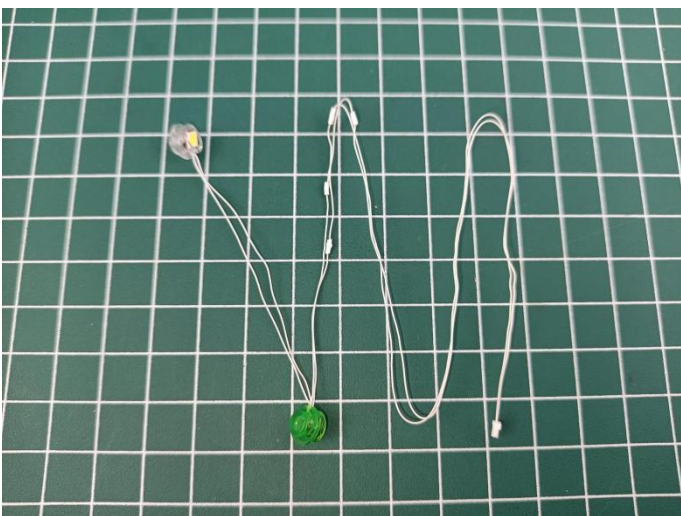
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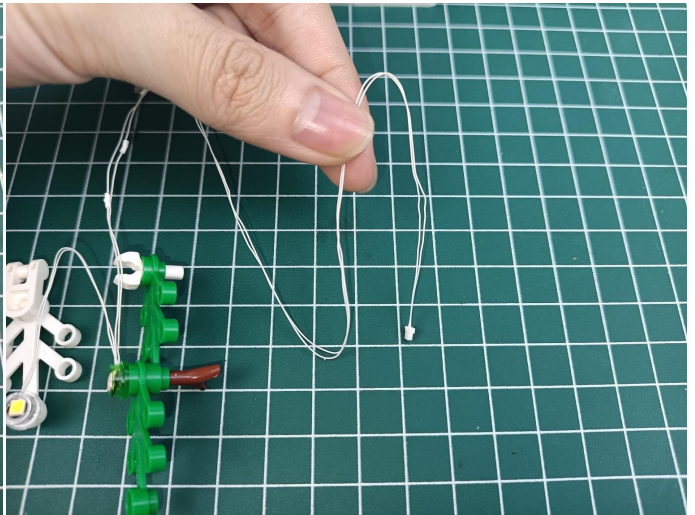
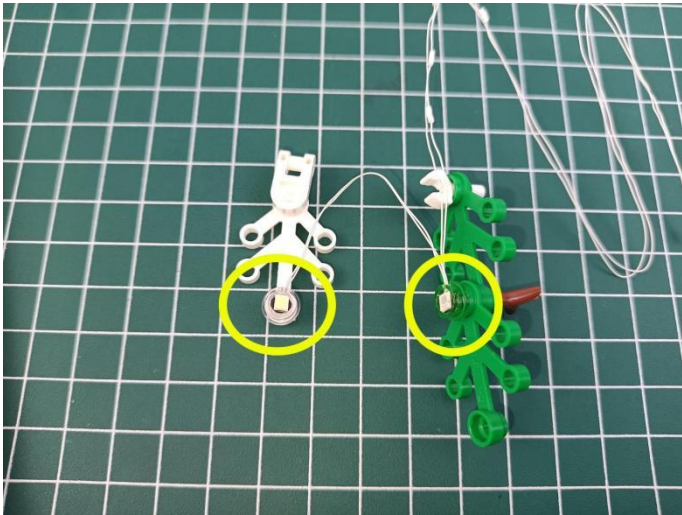
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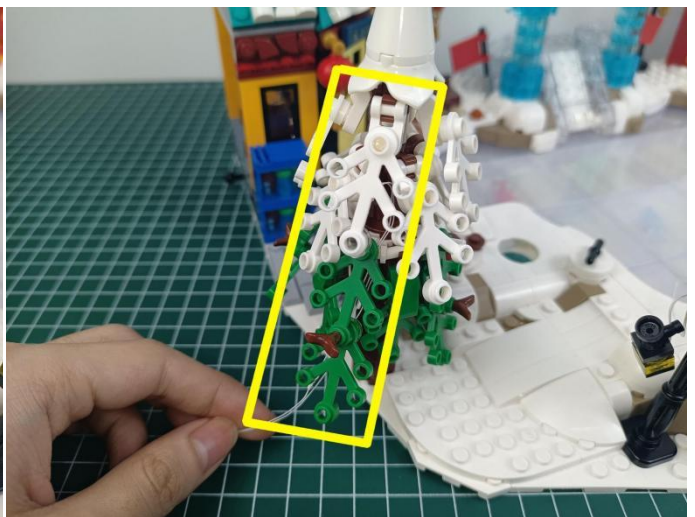
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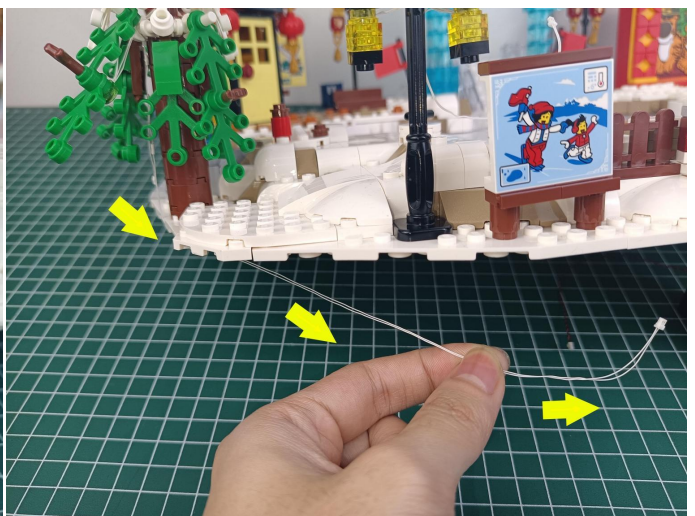
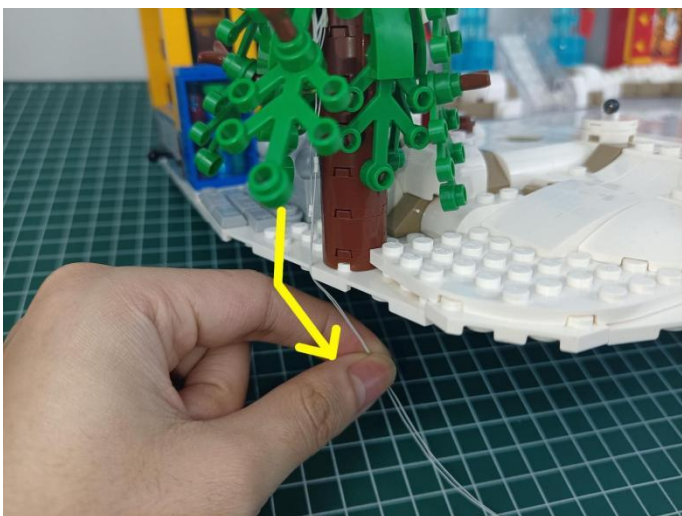
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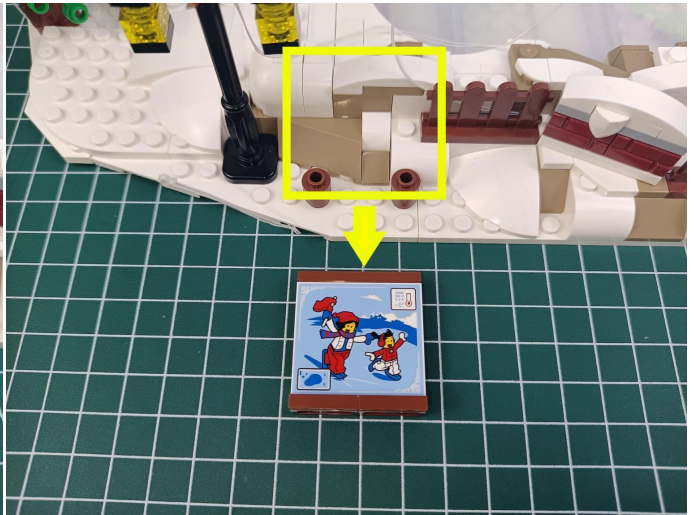
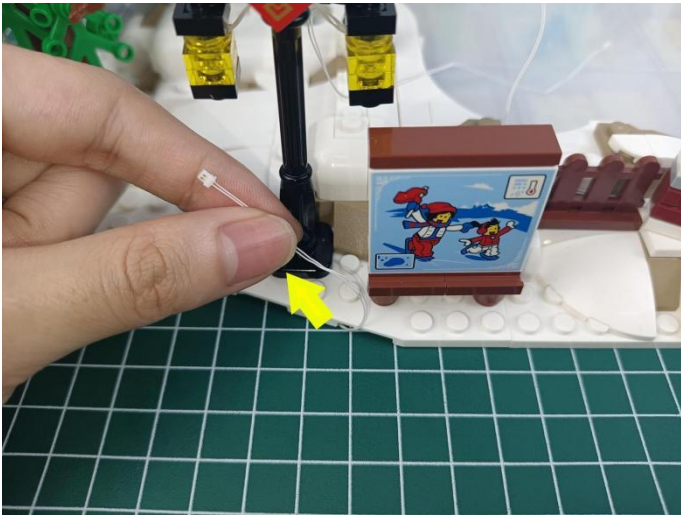
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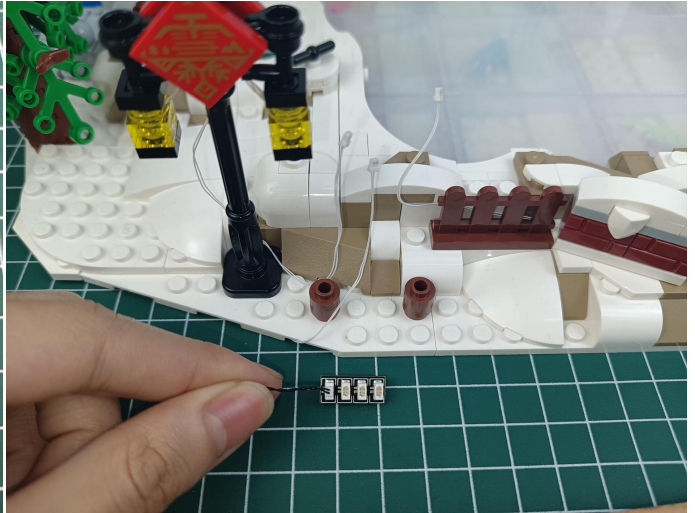
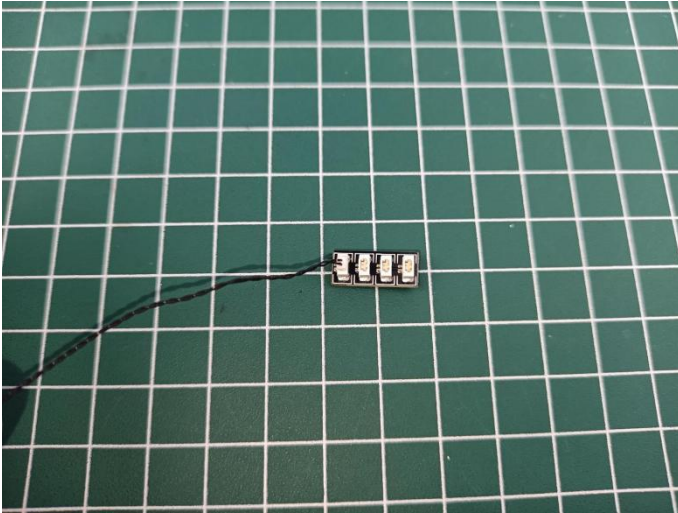
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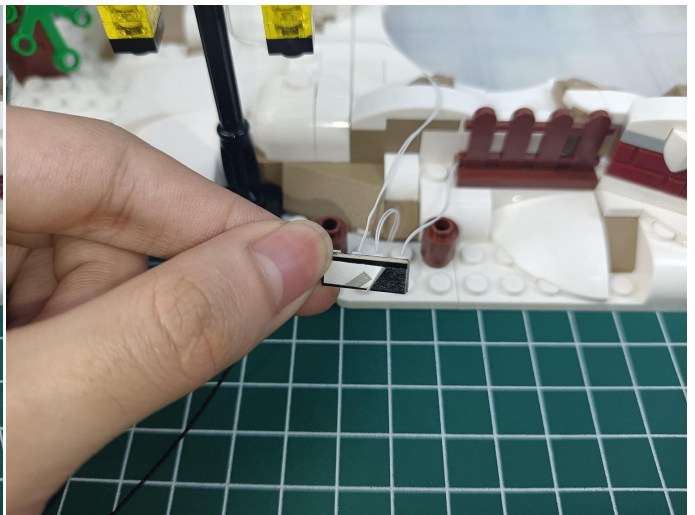
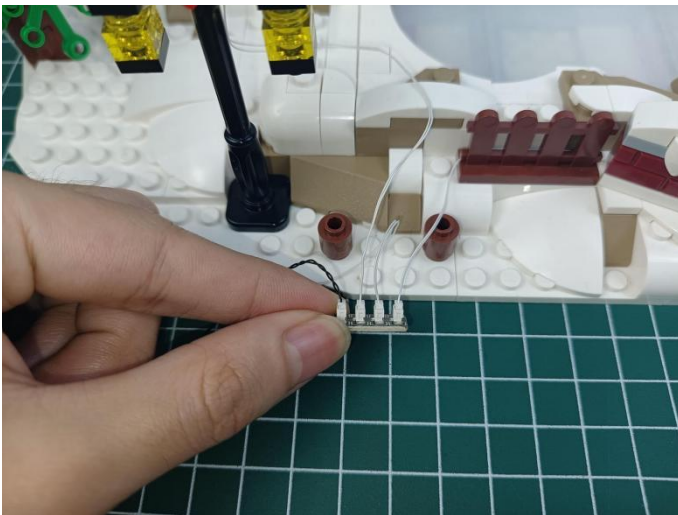
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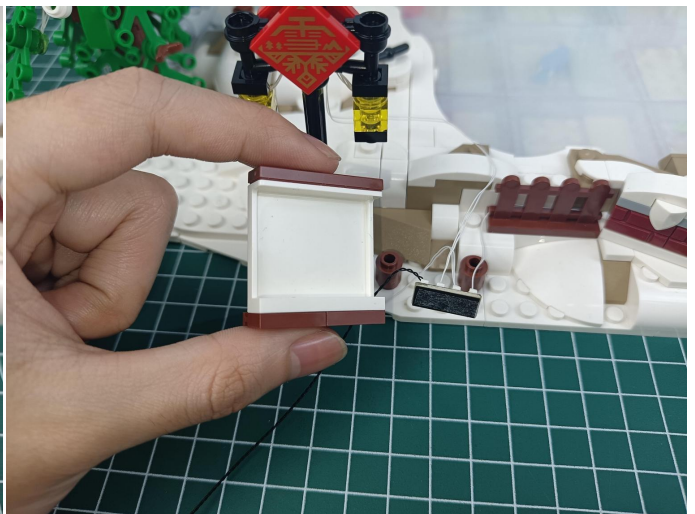
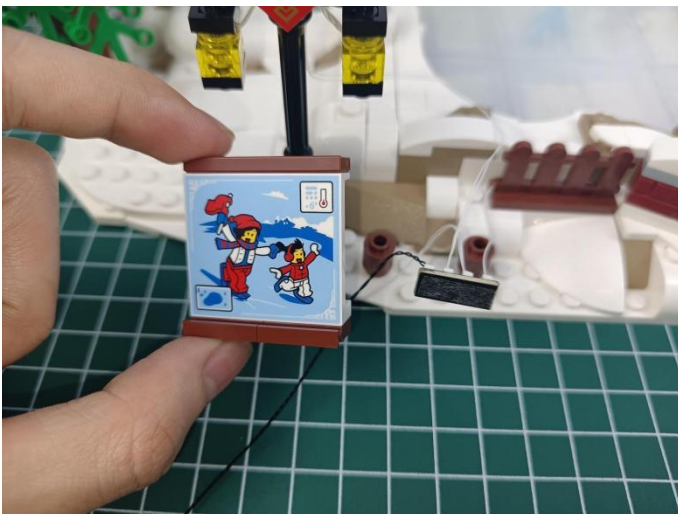
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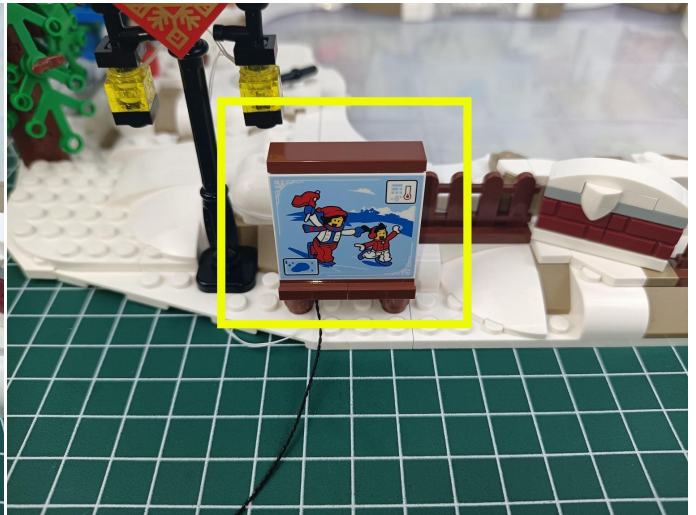
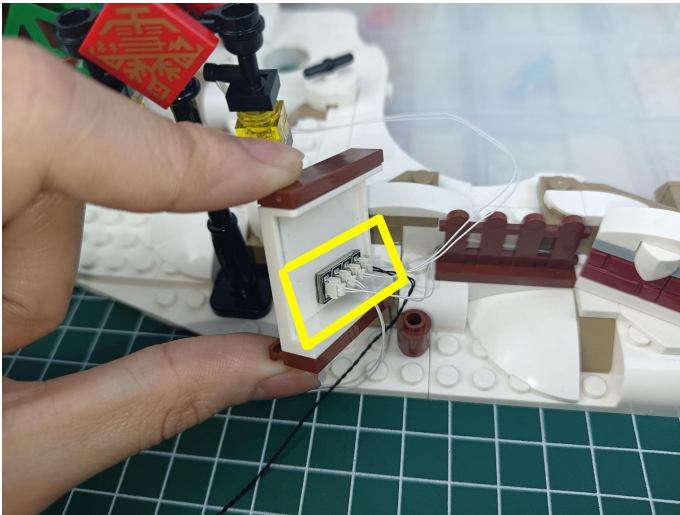
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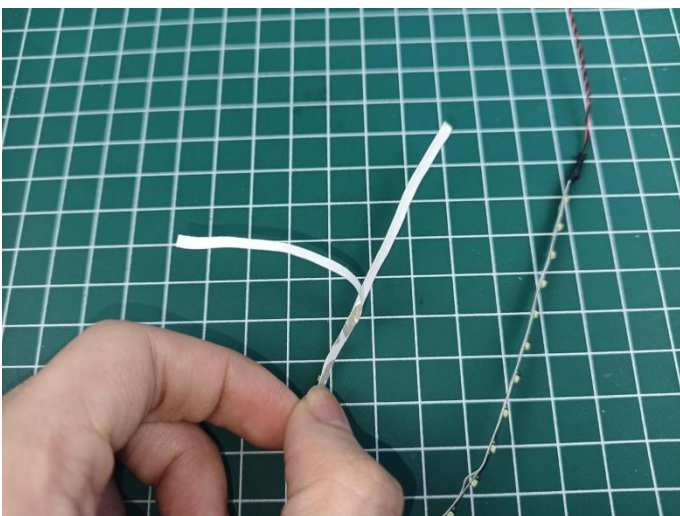
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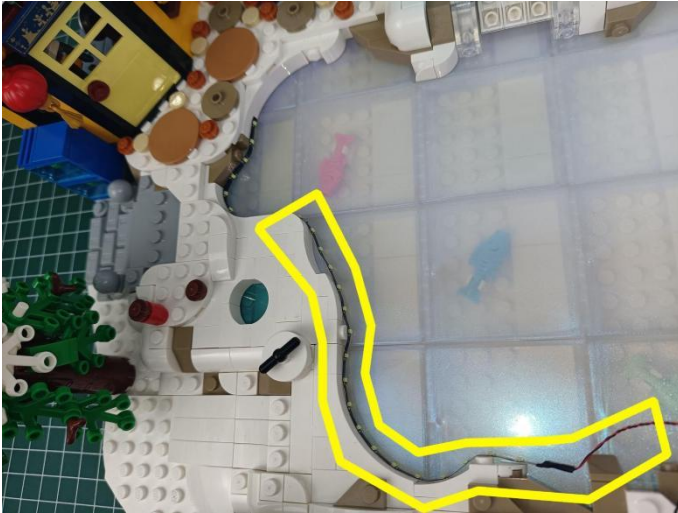
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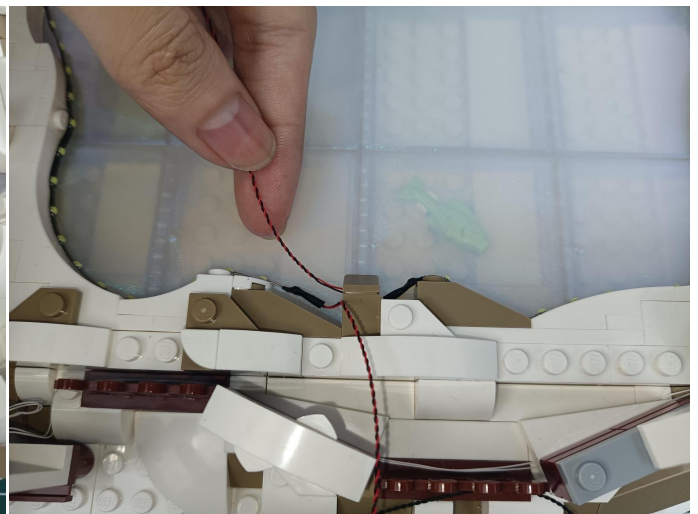
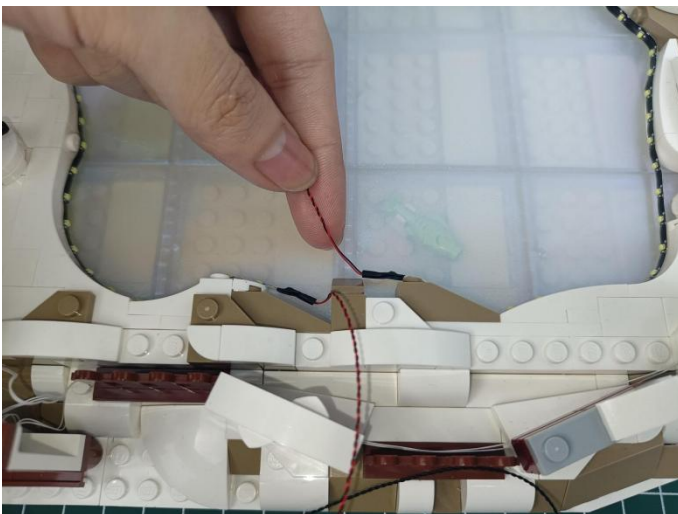
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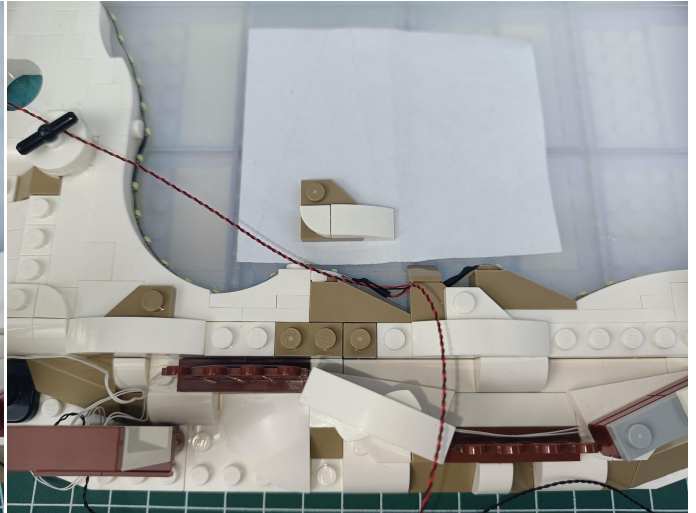
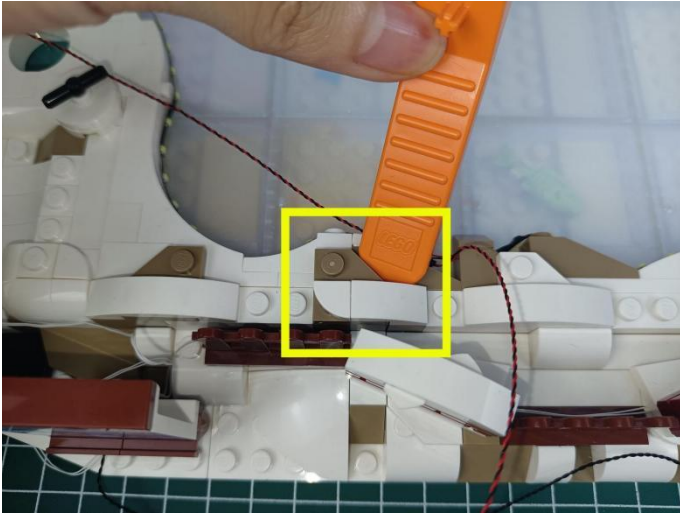
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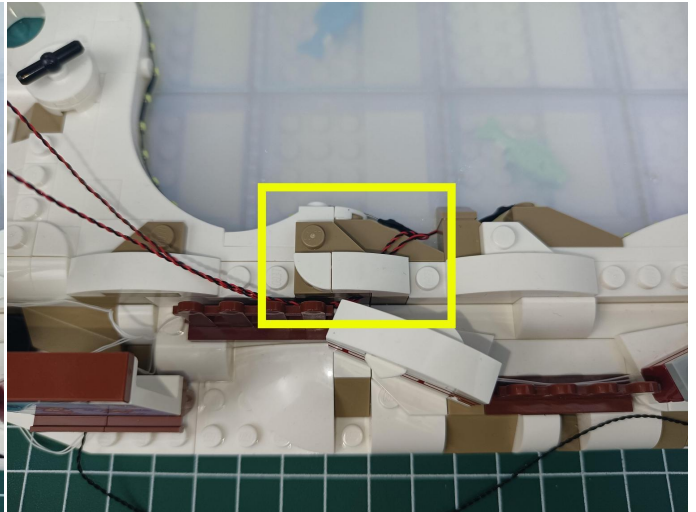
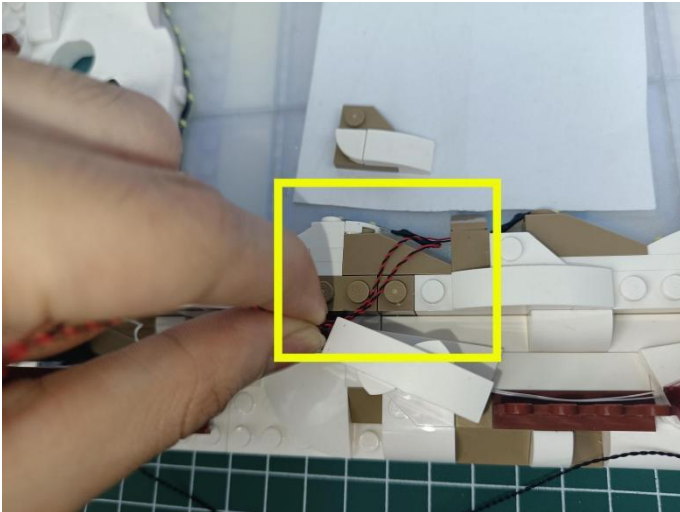
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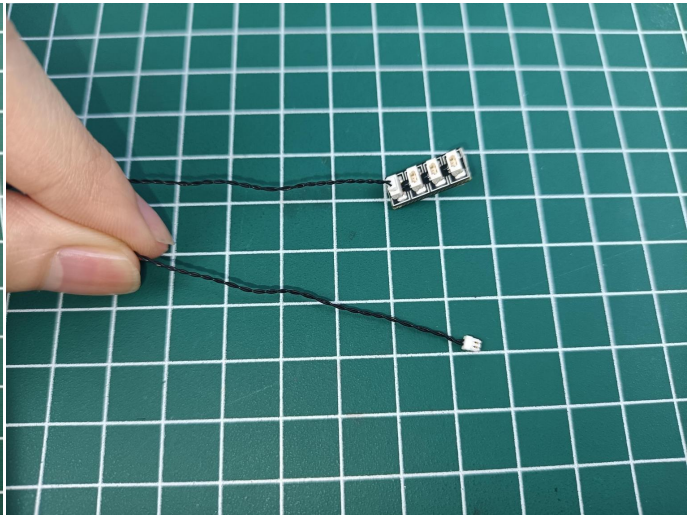
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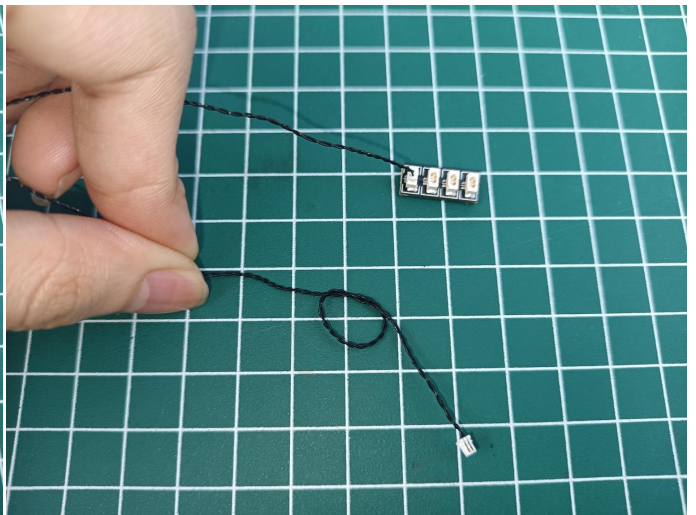
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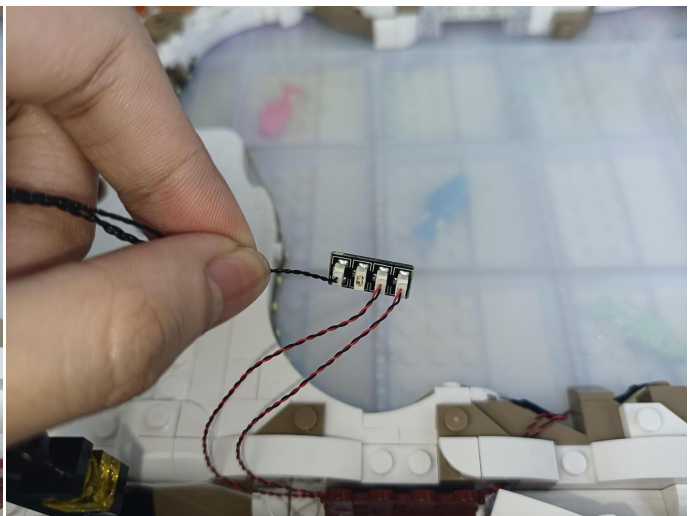
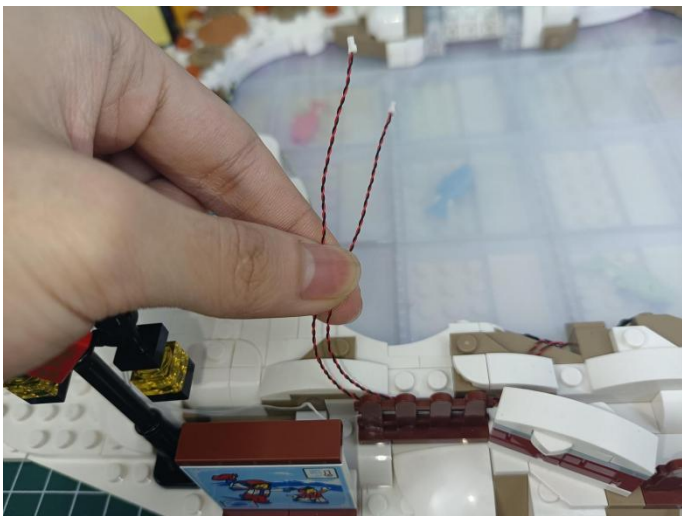
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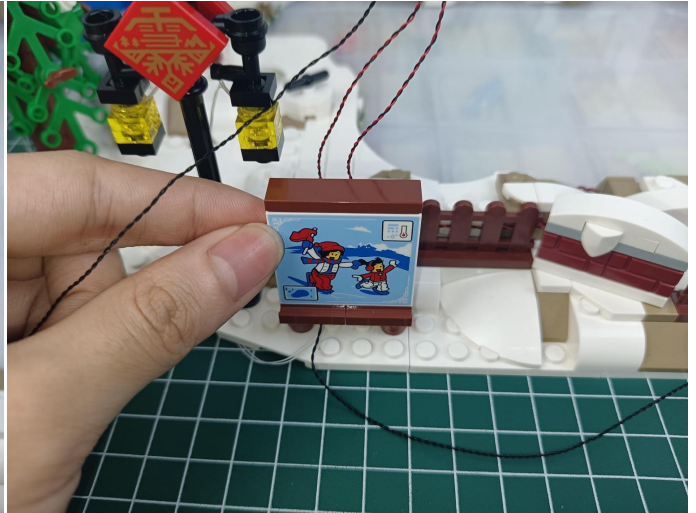
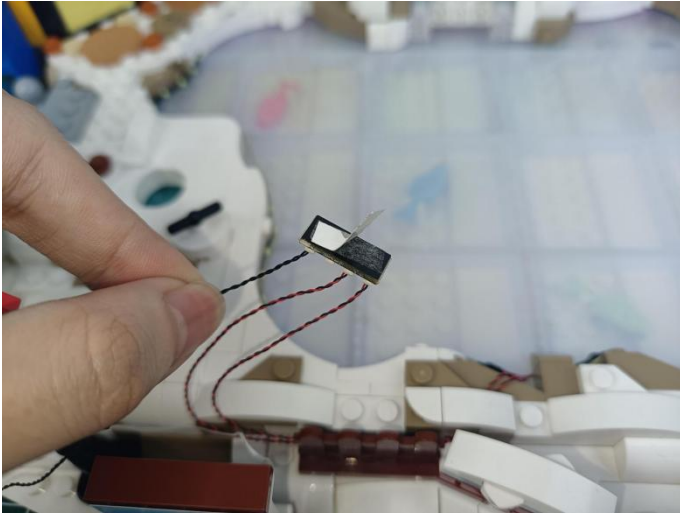
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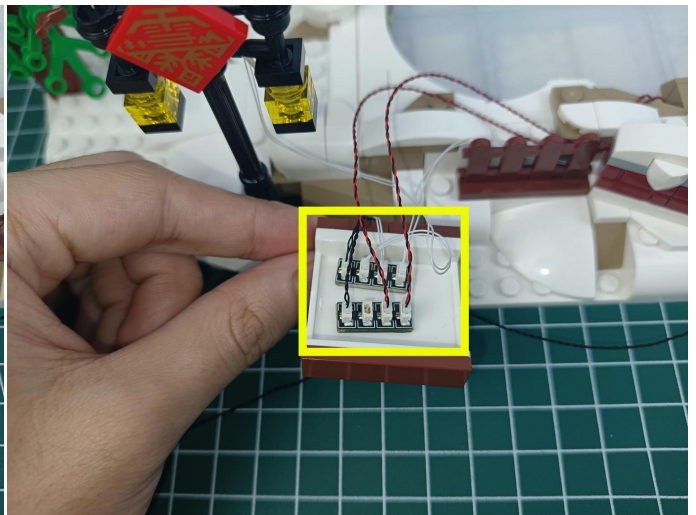
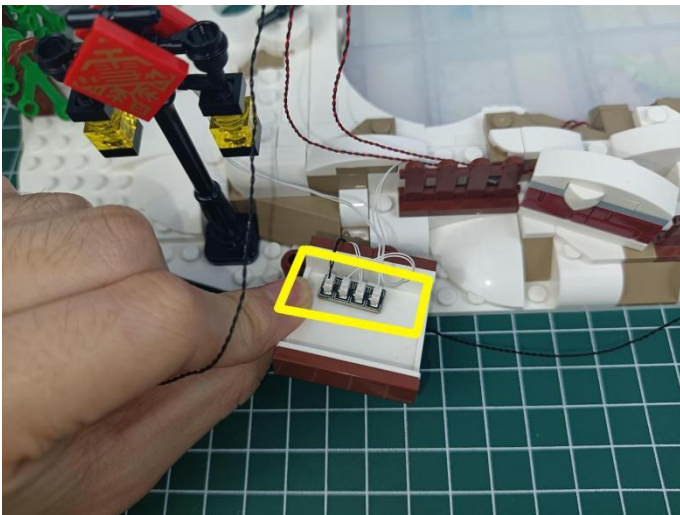
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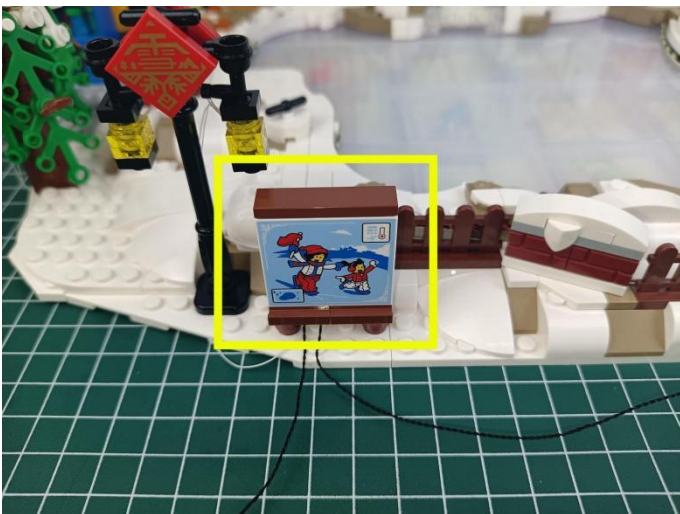
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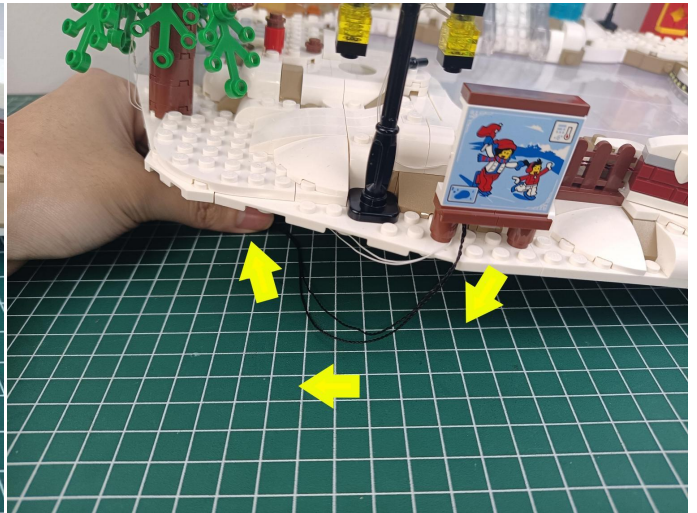
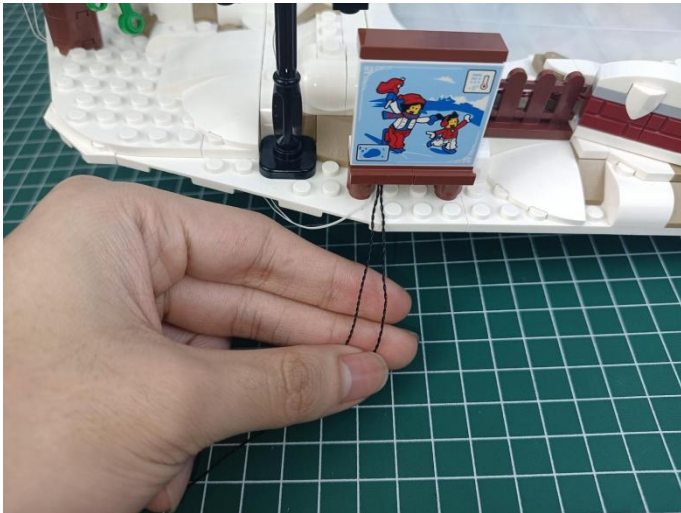
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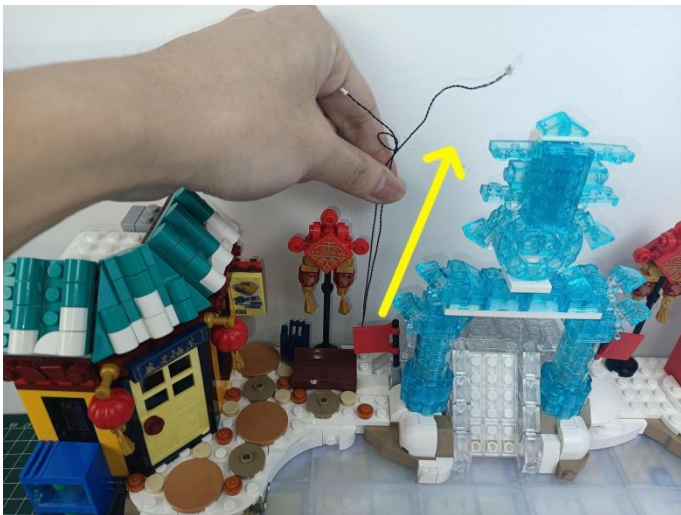
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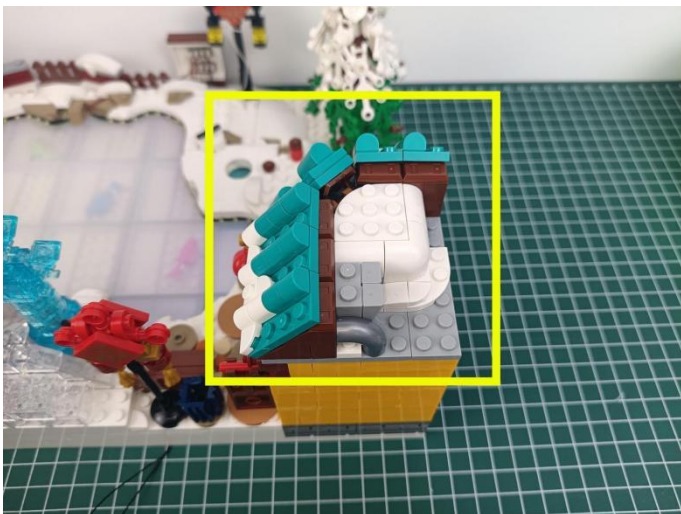
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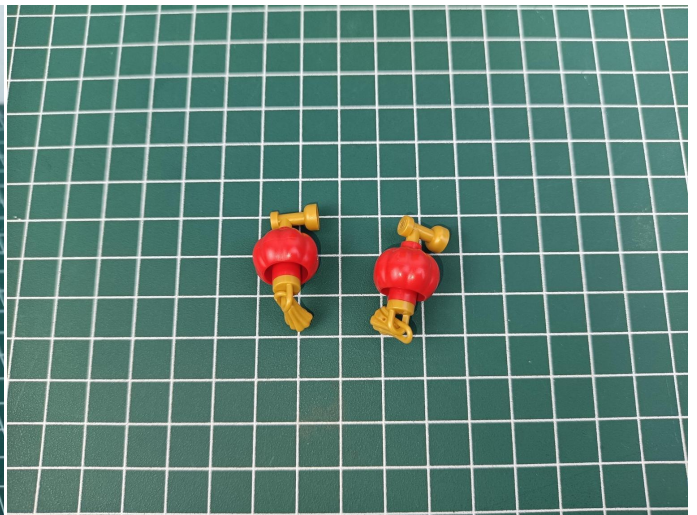
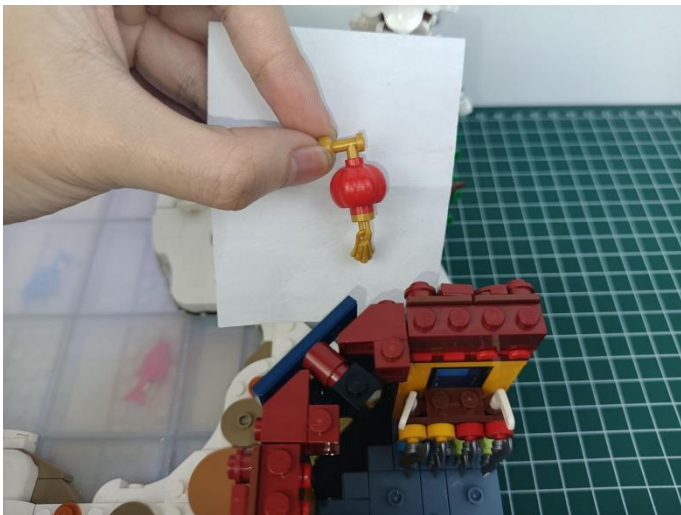
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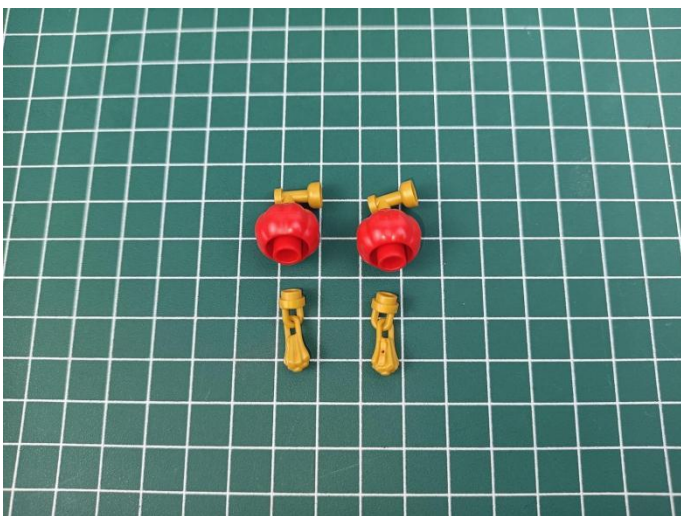
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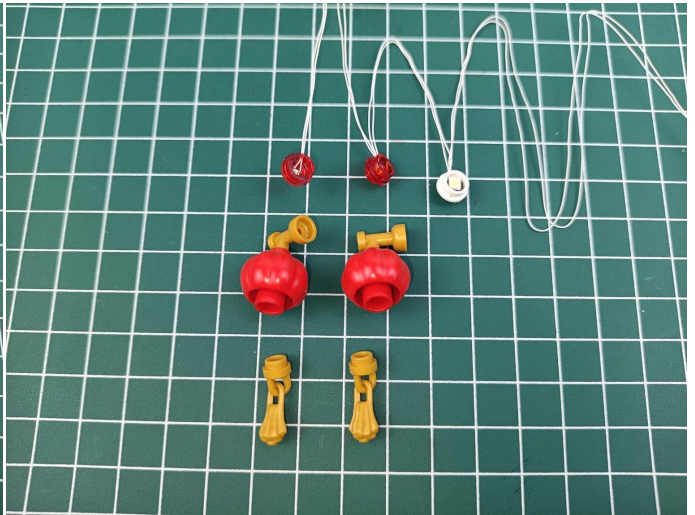
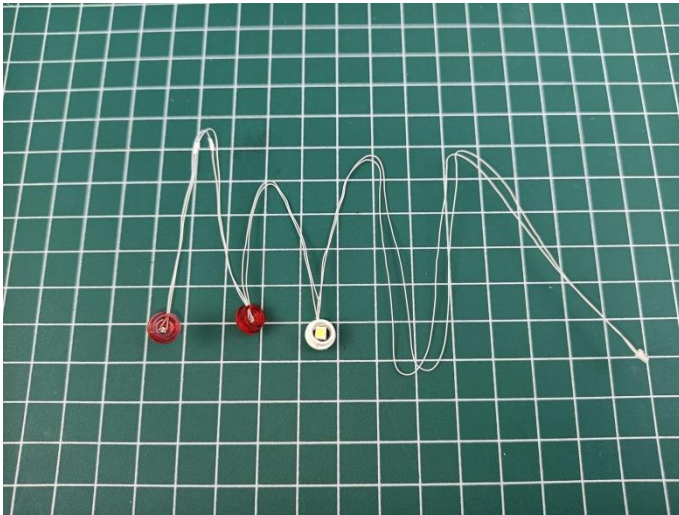
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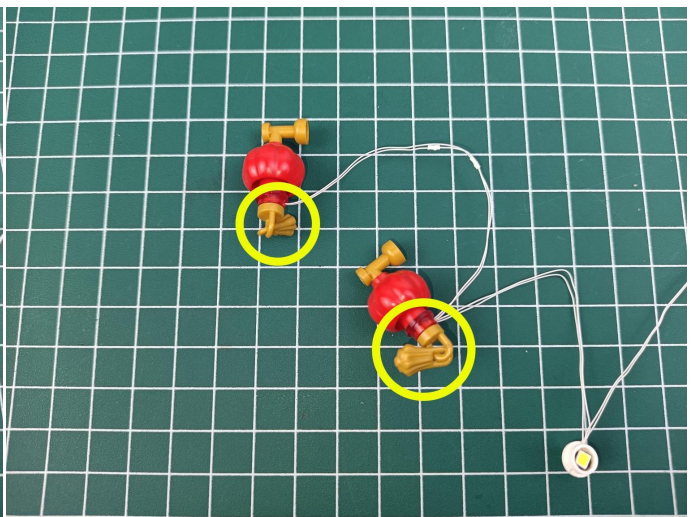
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64



65



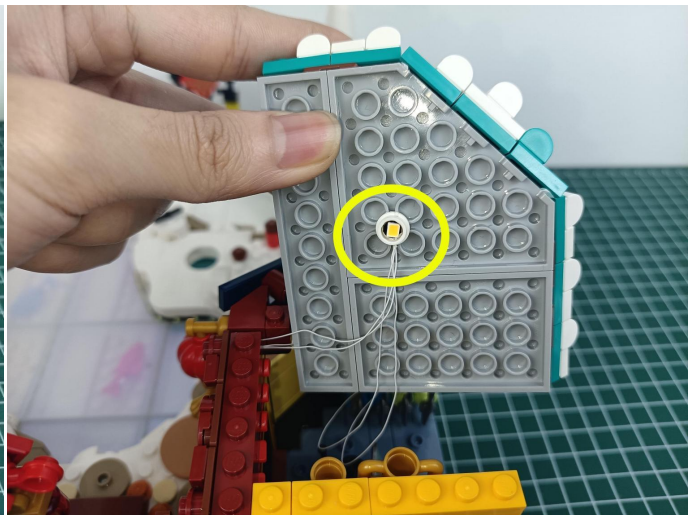
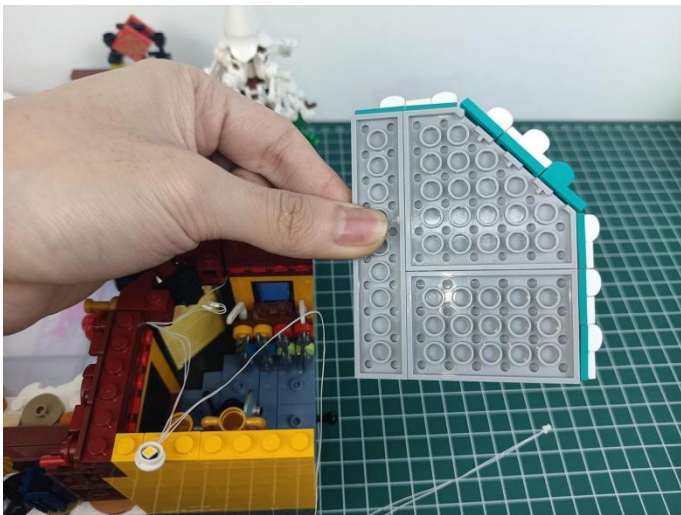
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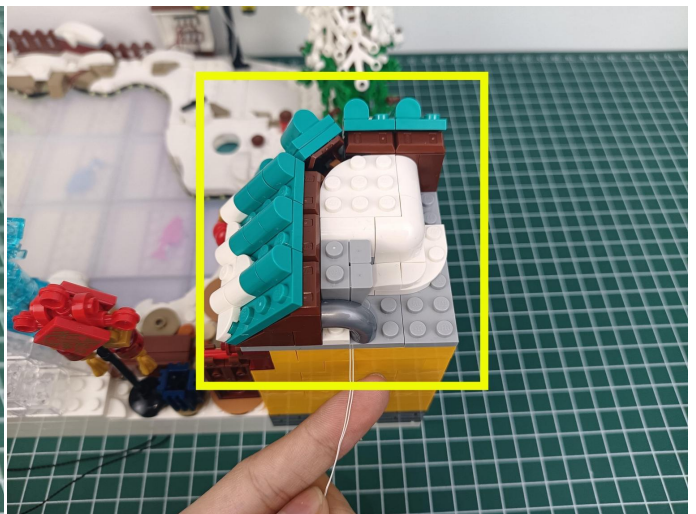
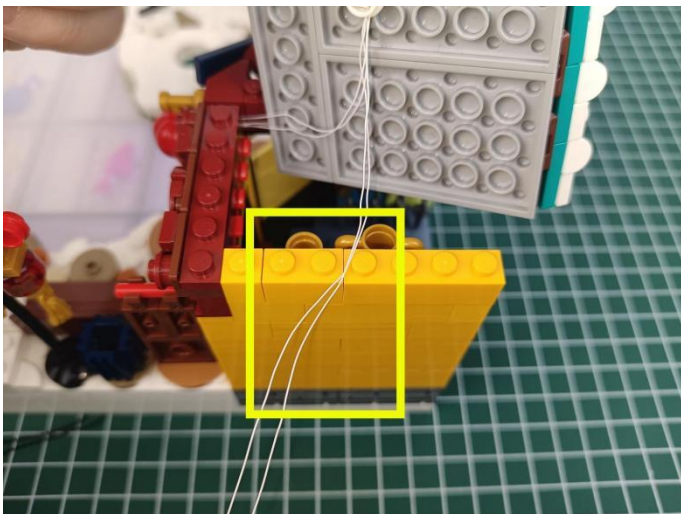
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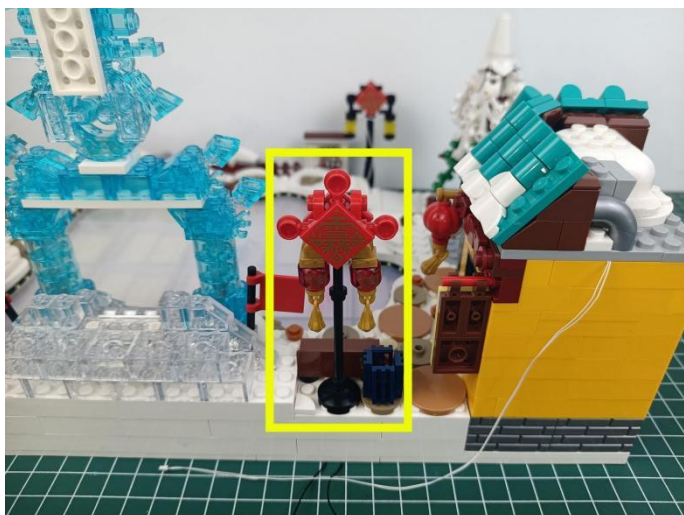
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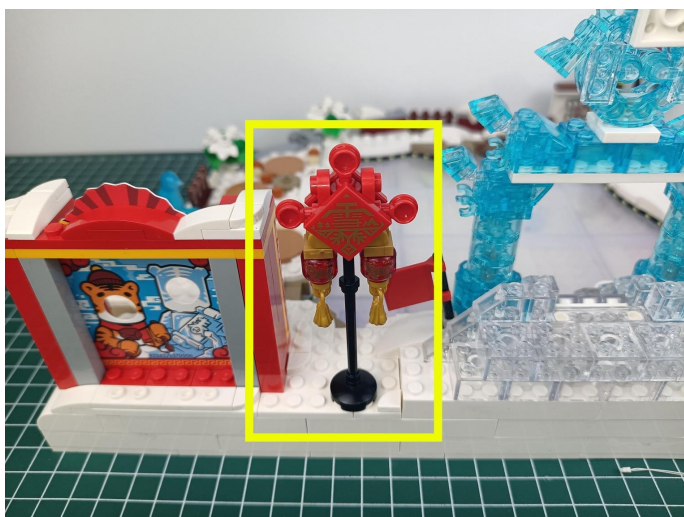
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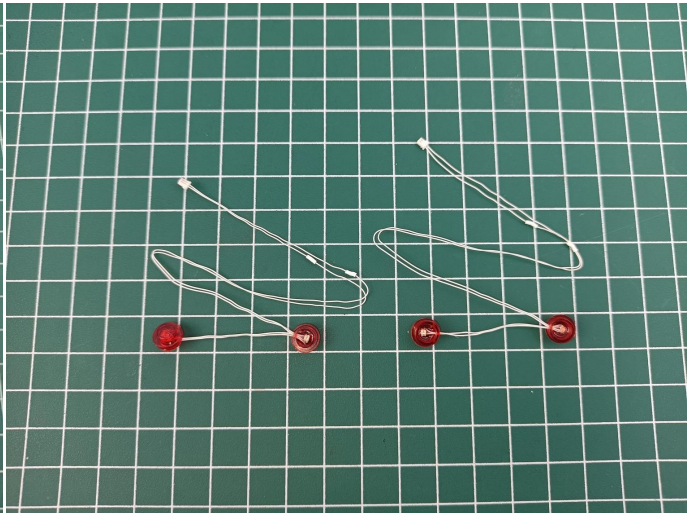
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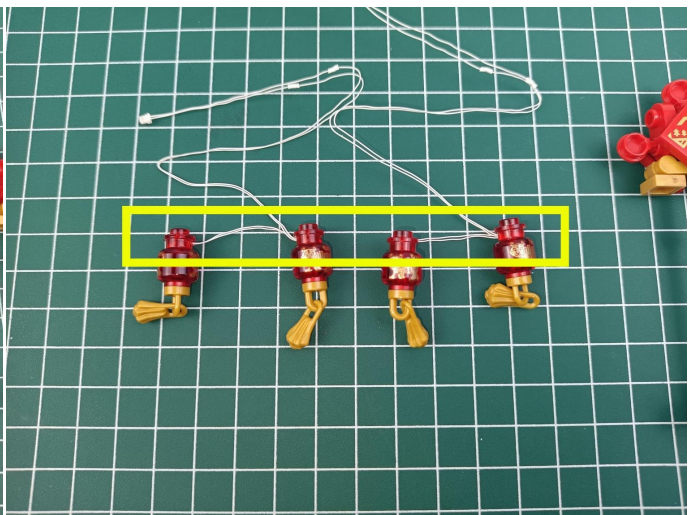
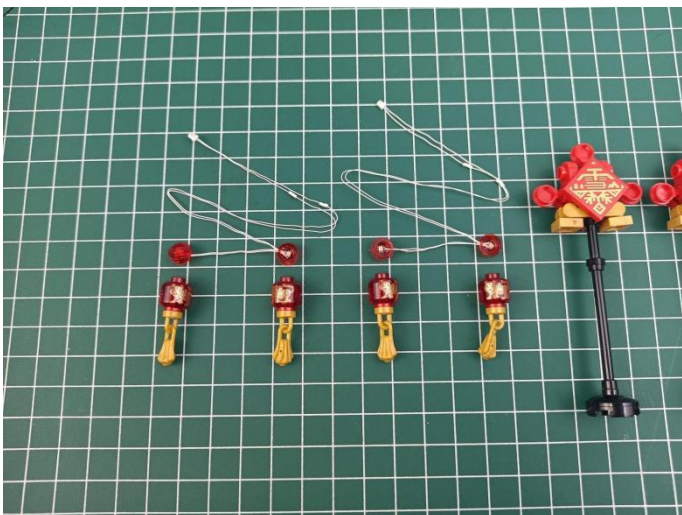
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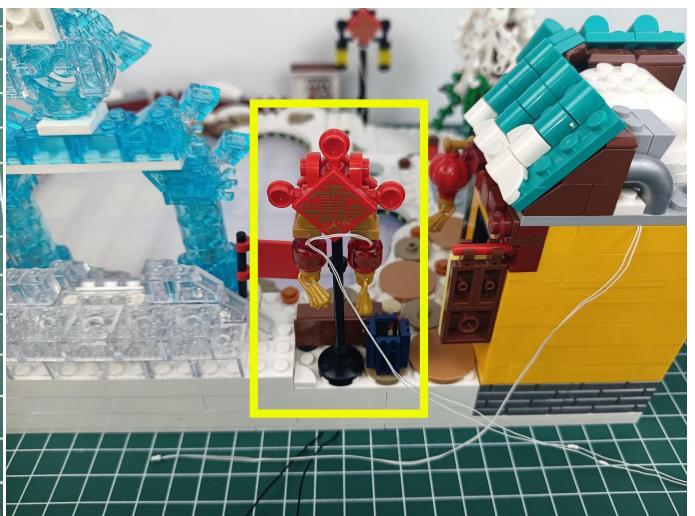
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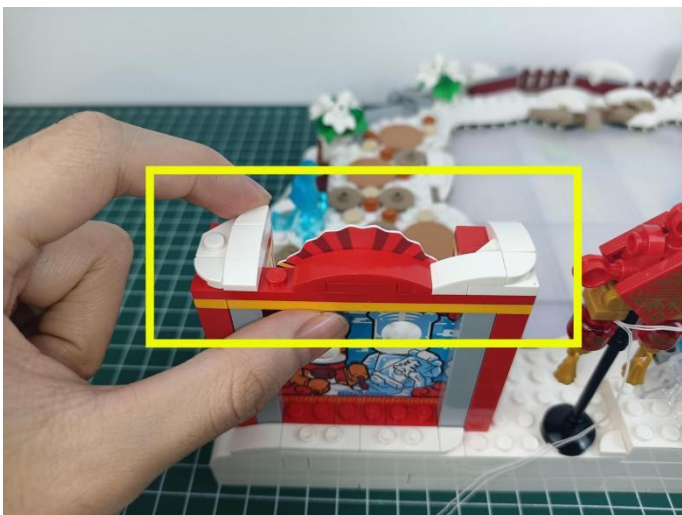
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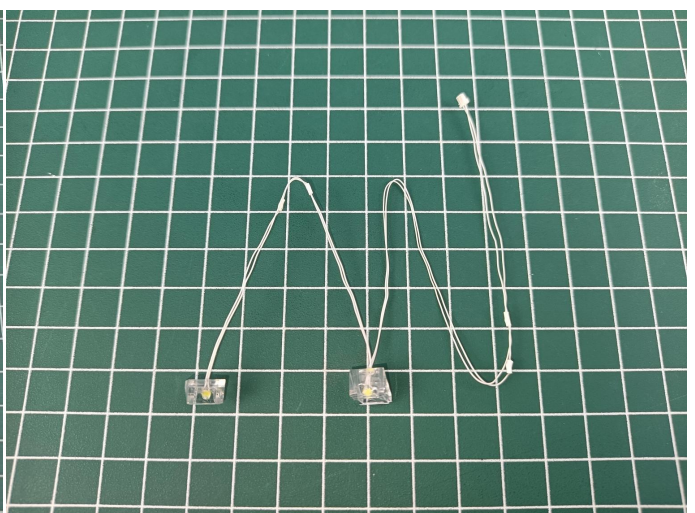
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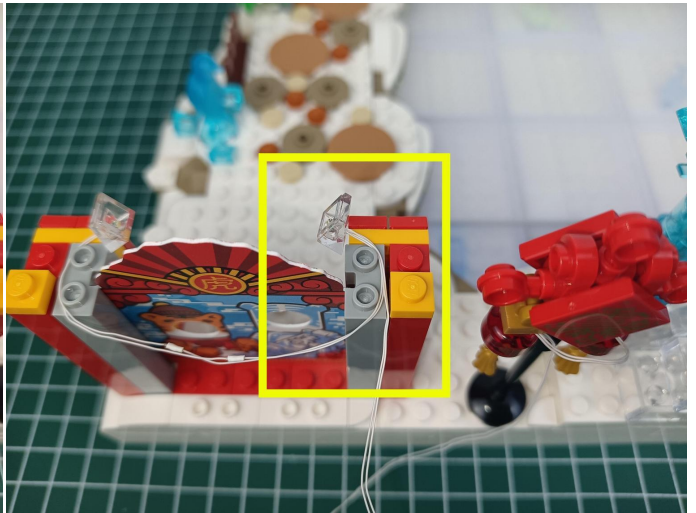
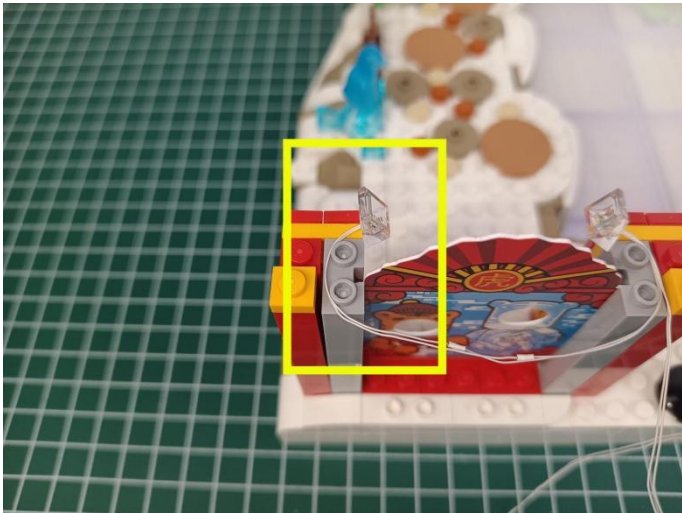
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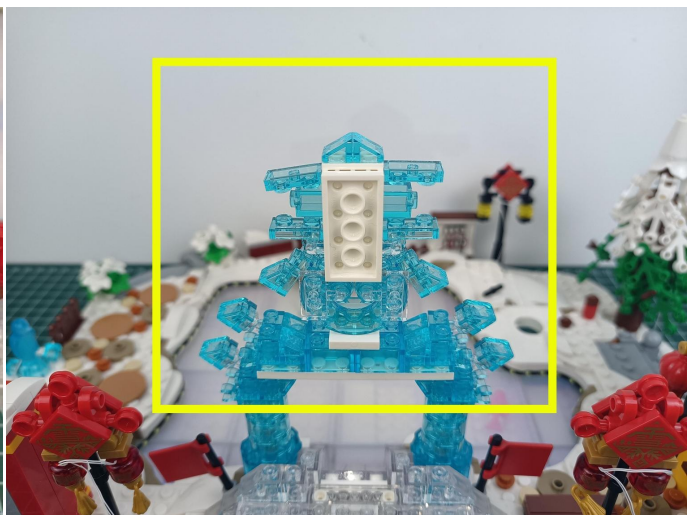
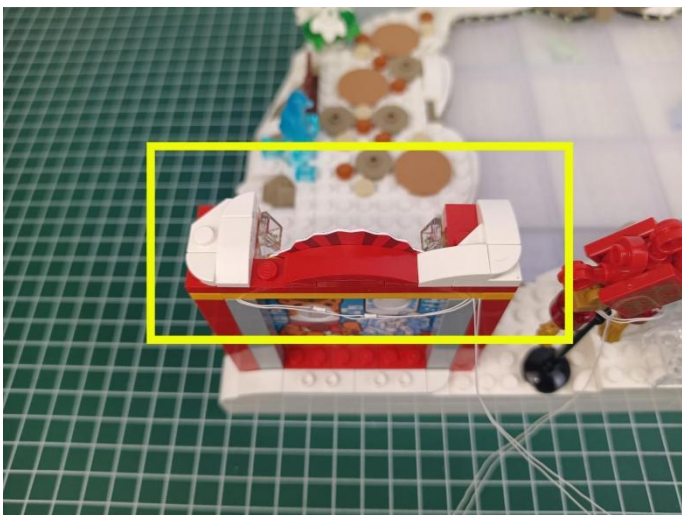
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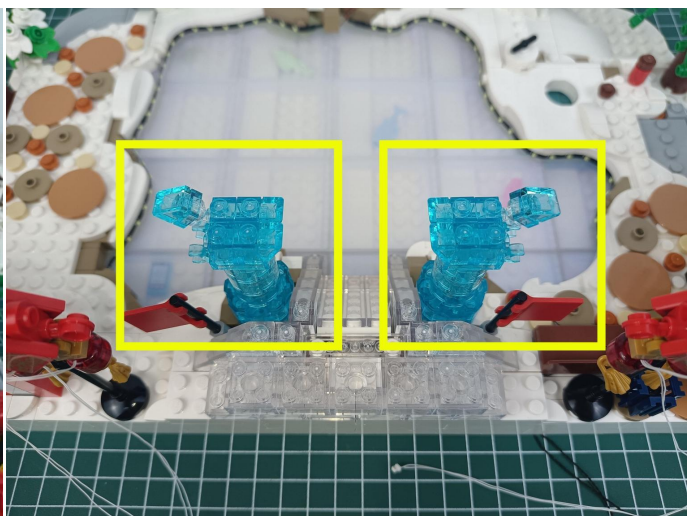
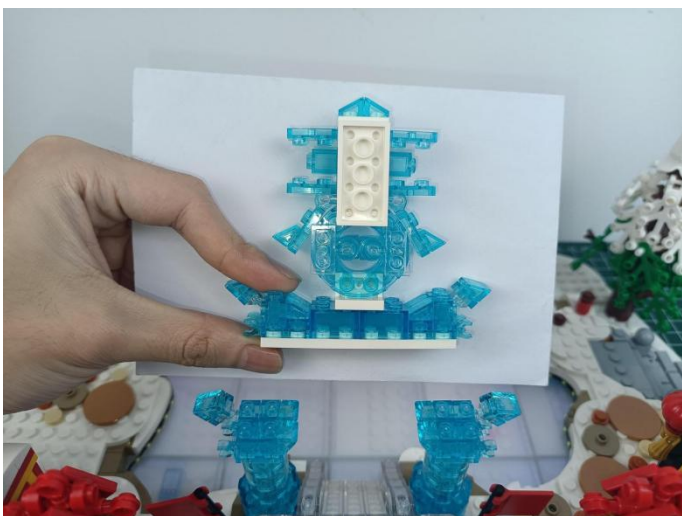
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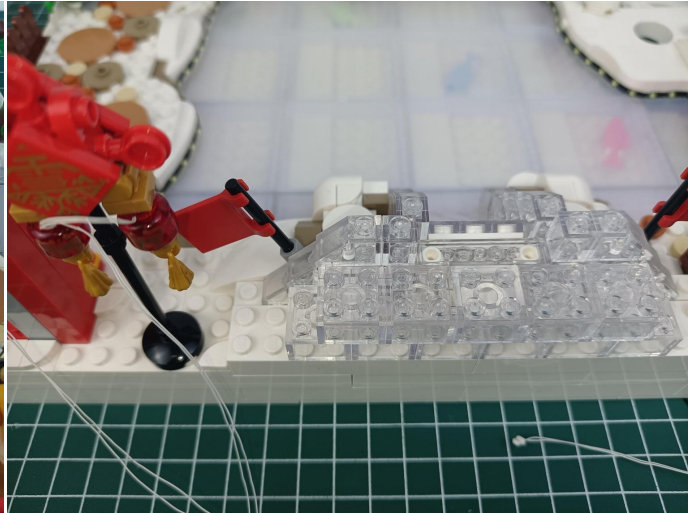
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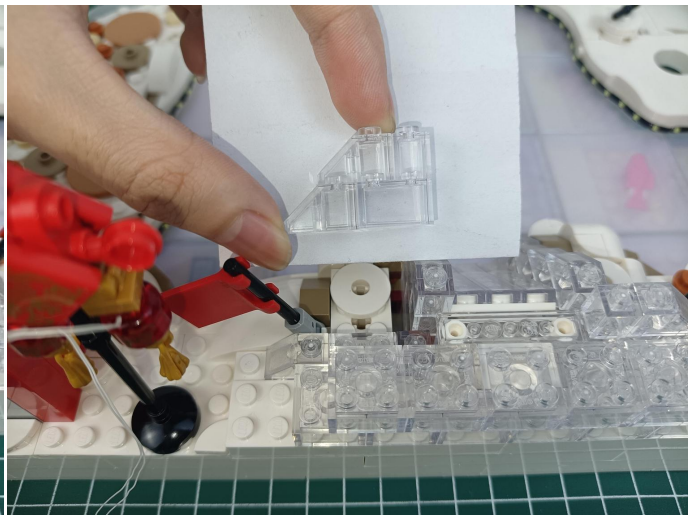
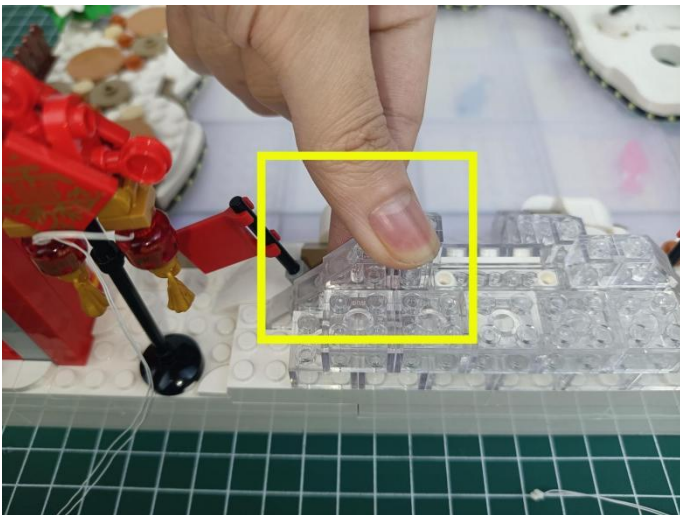
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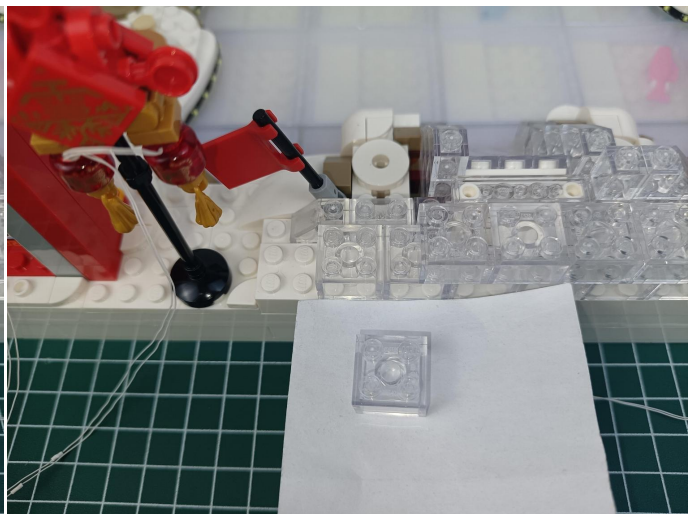
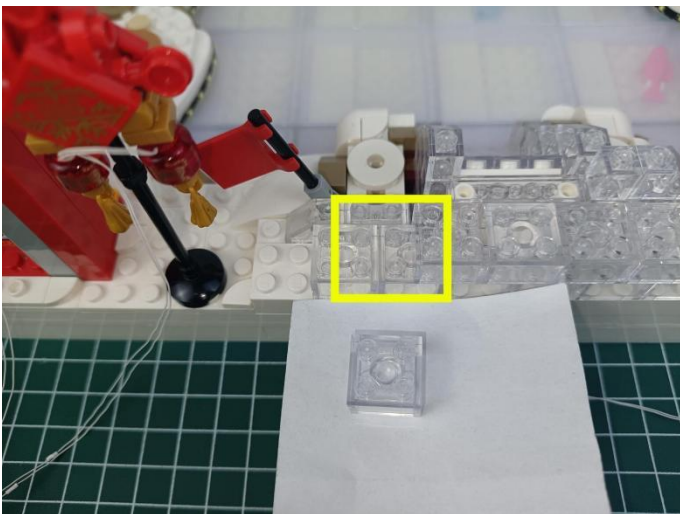
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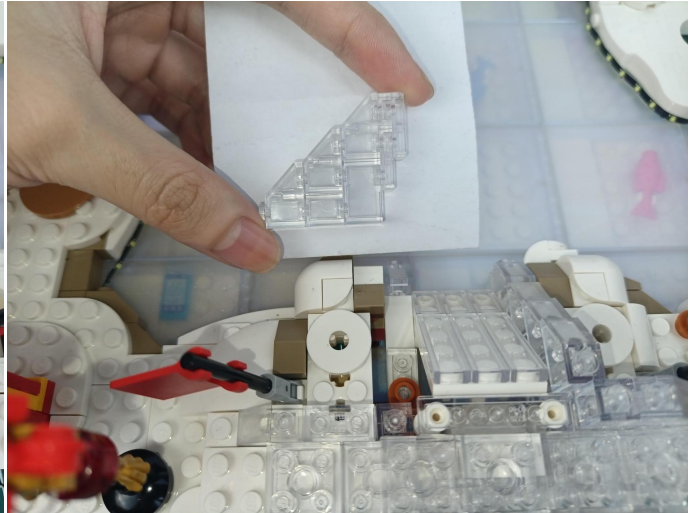
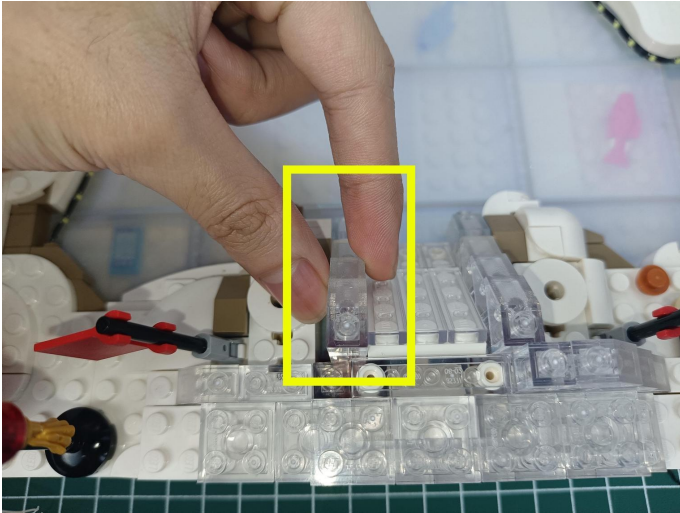
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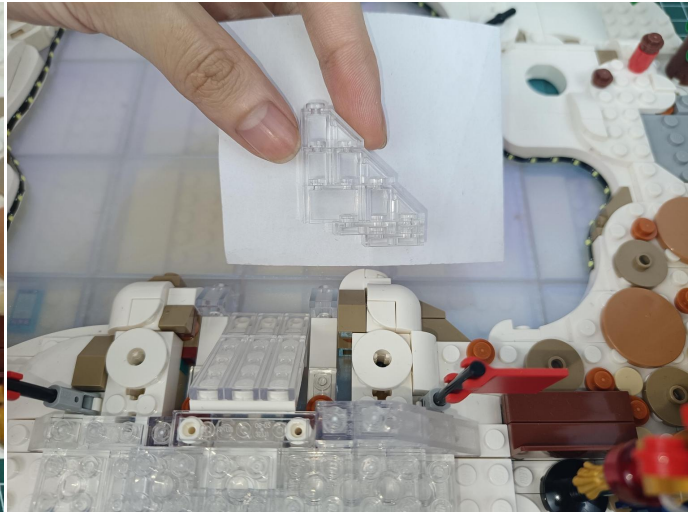
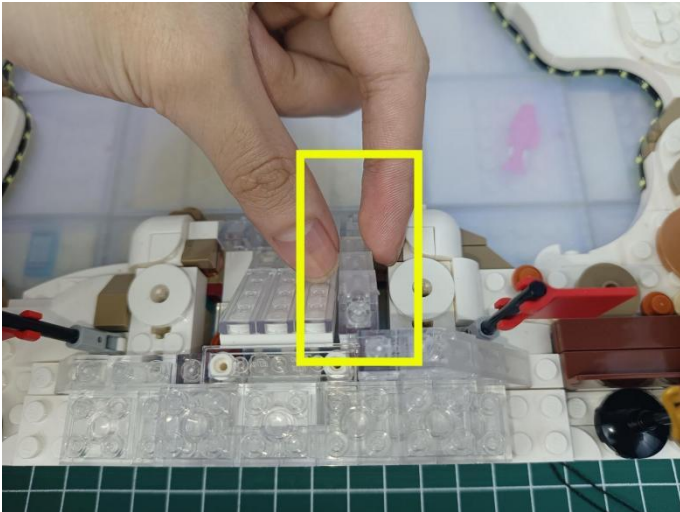
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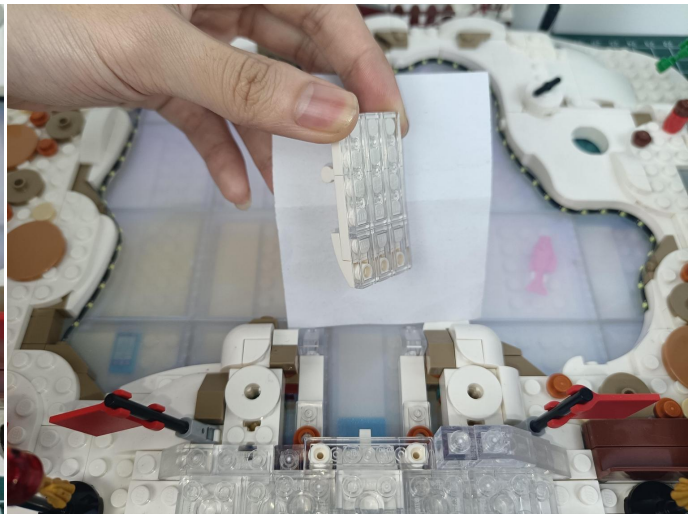
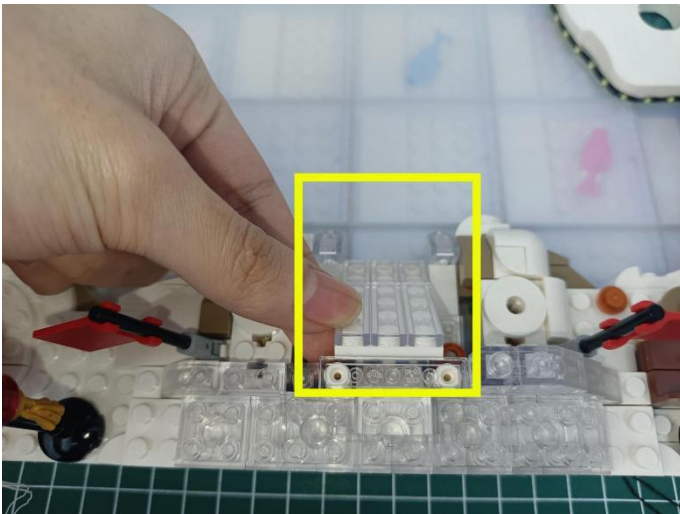
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86



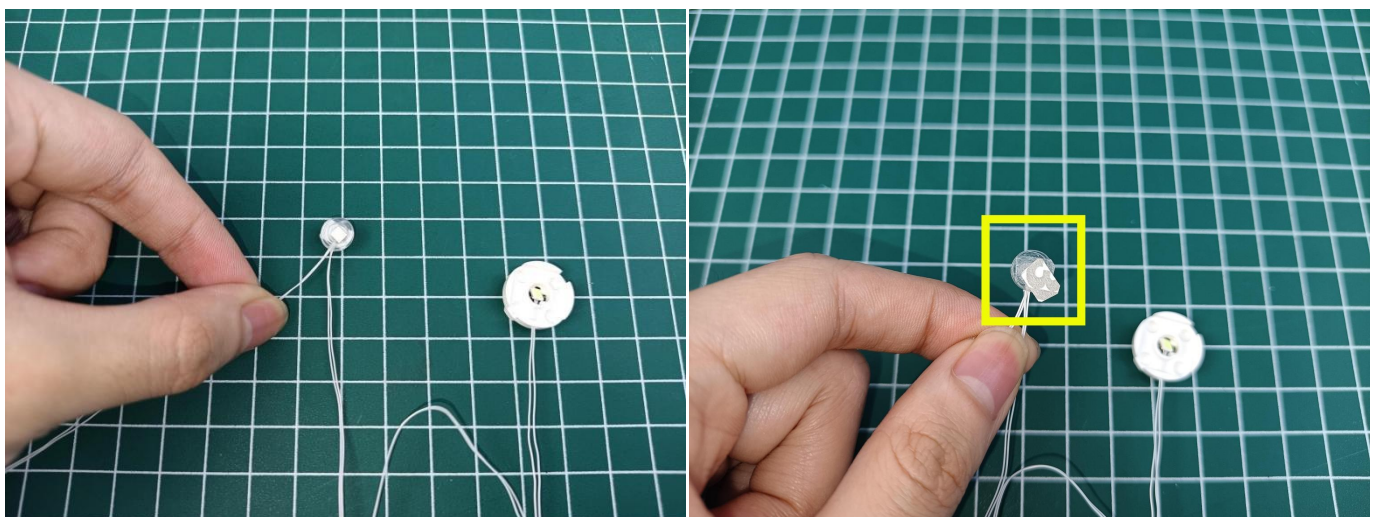
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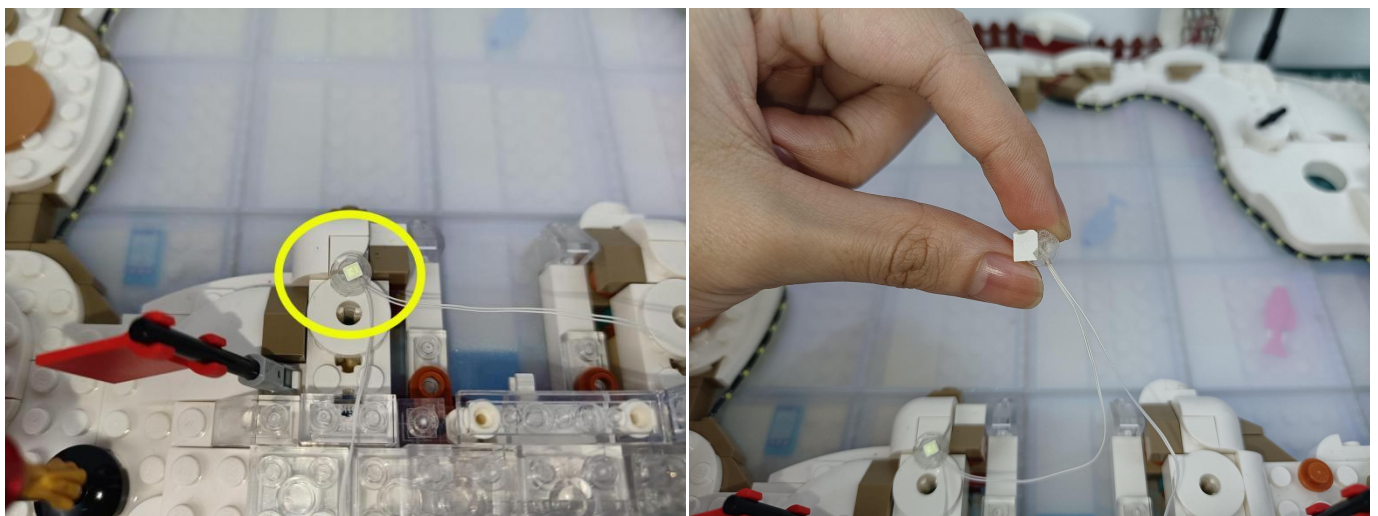
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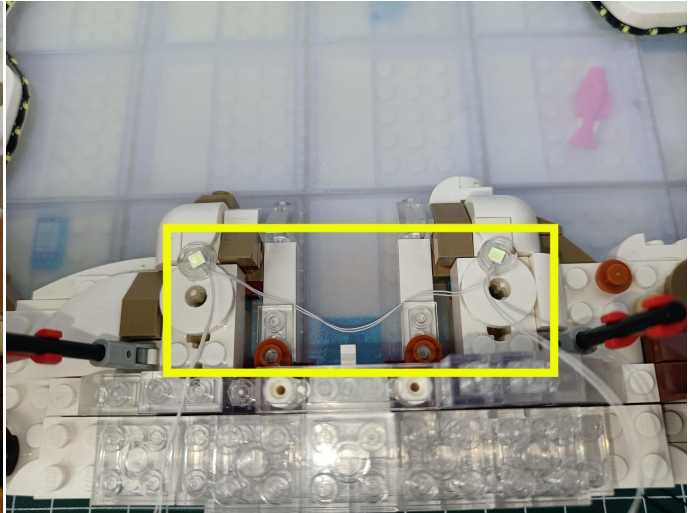
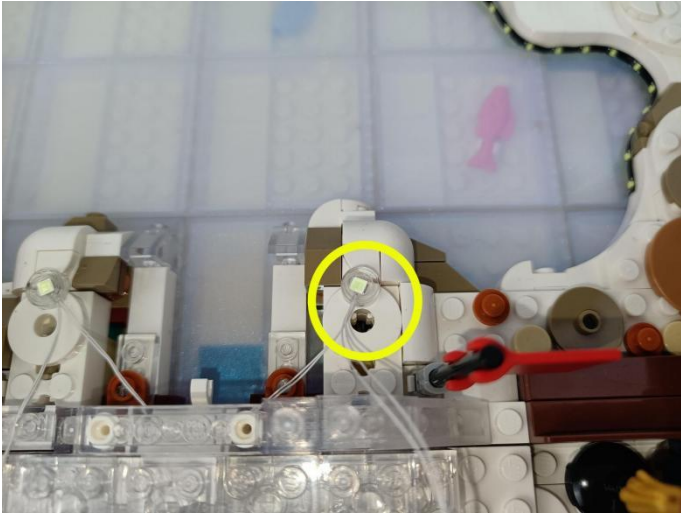
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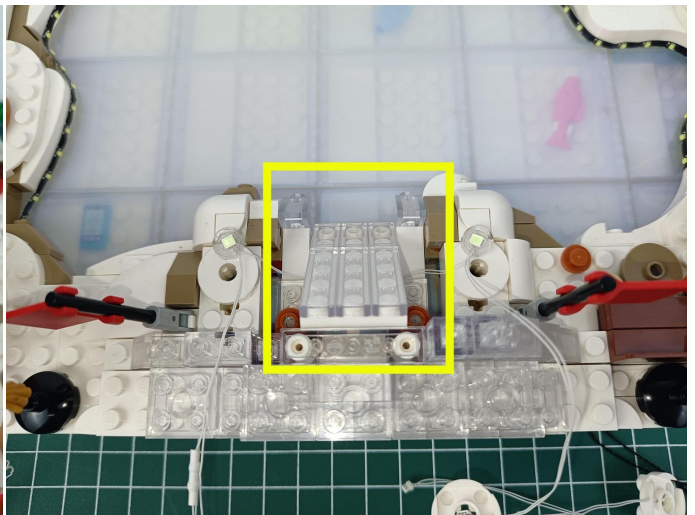
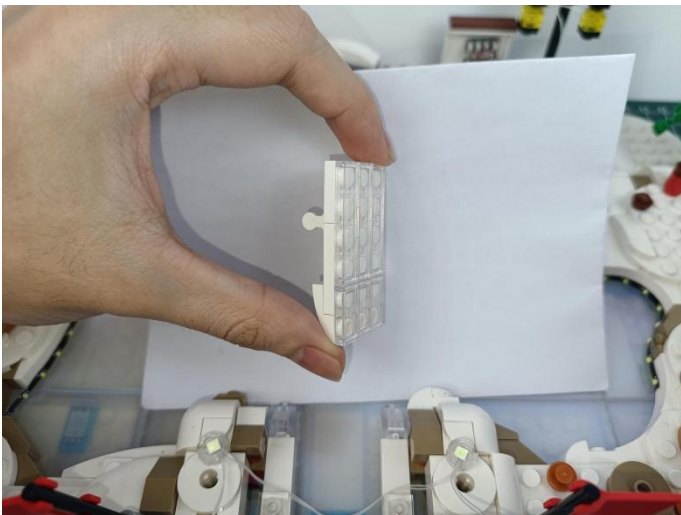
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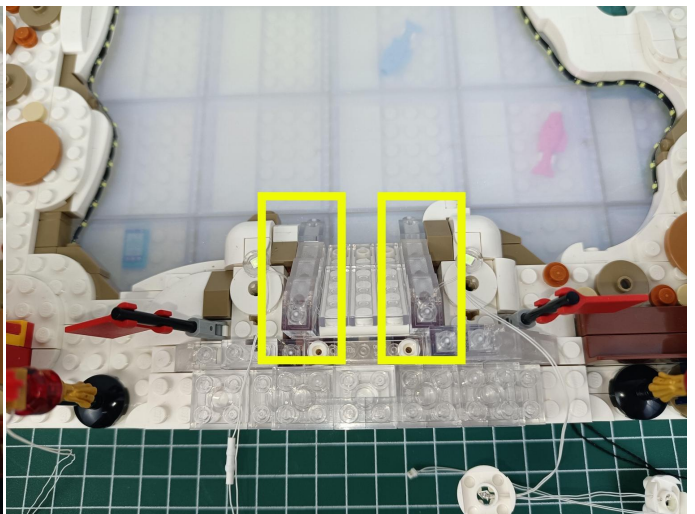
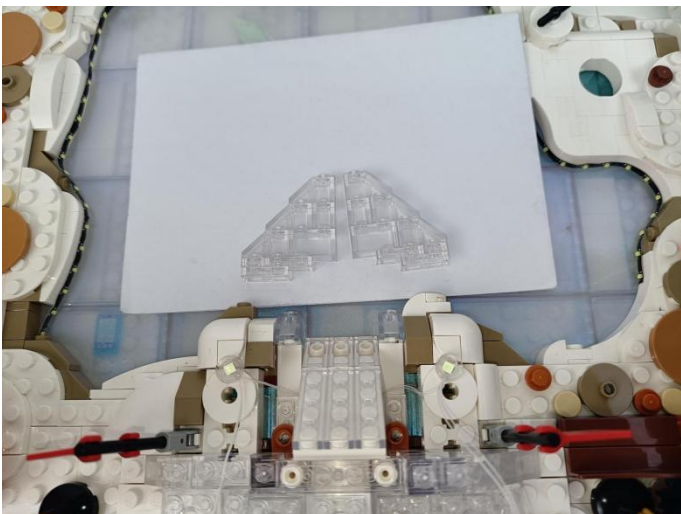
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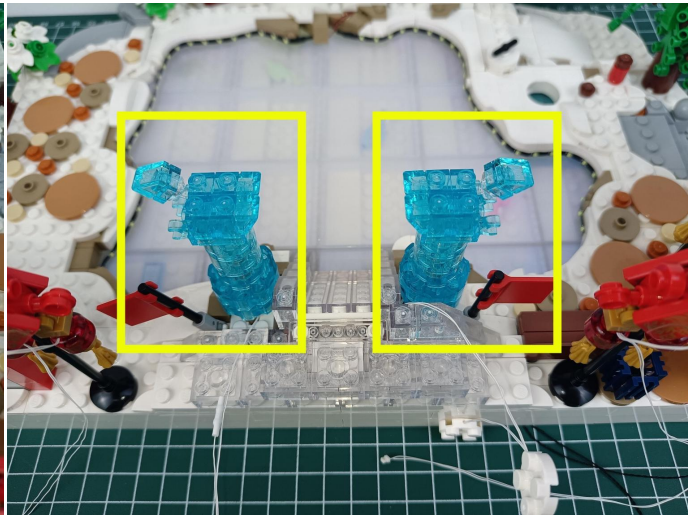
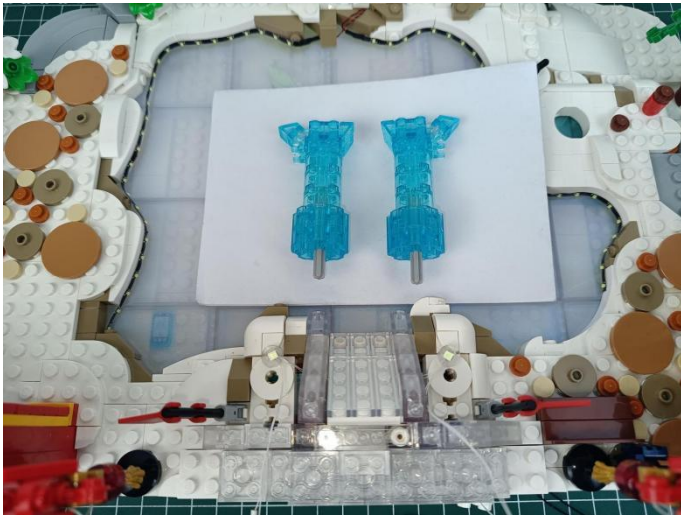
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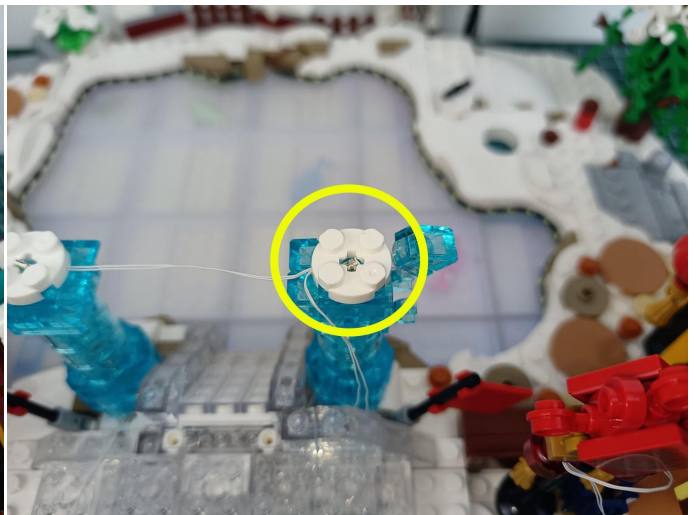
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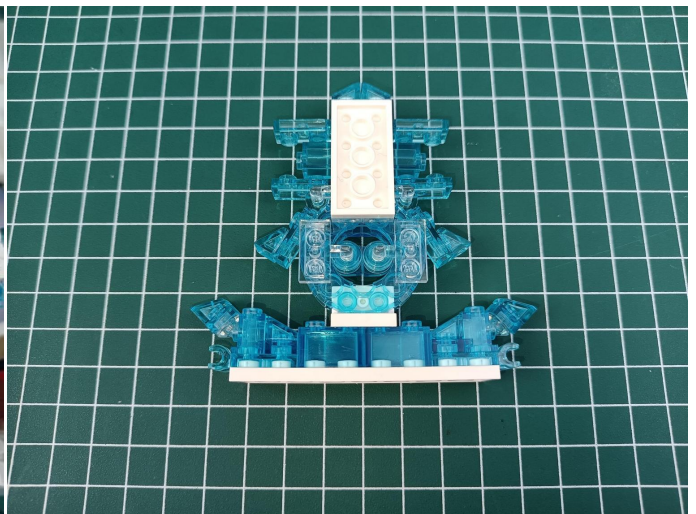
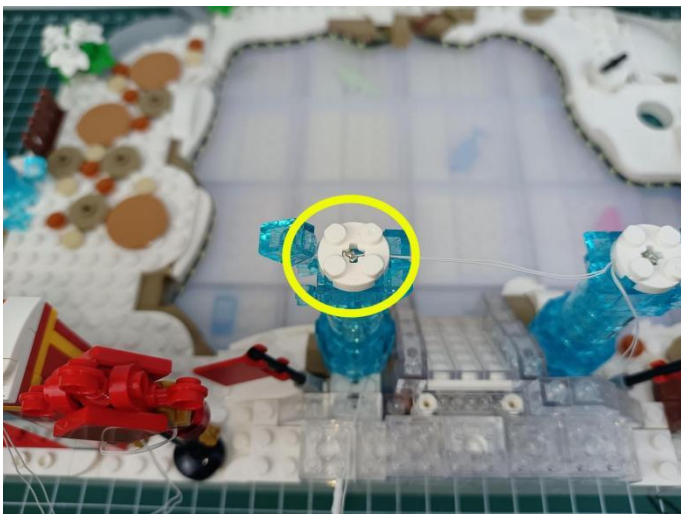
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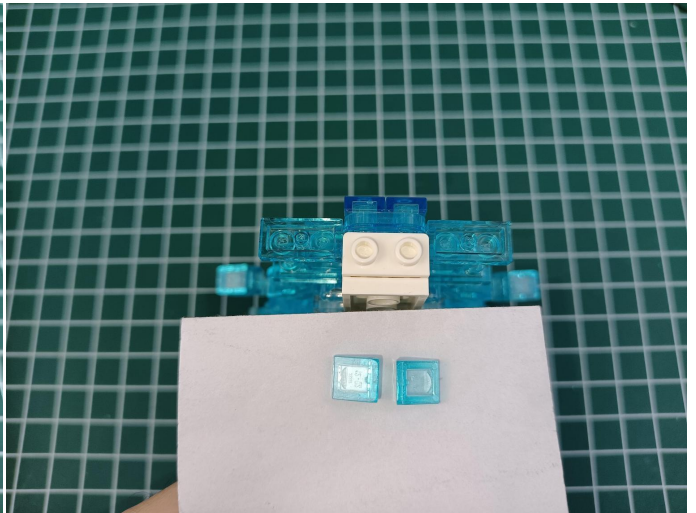
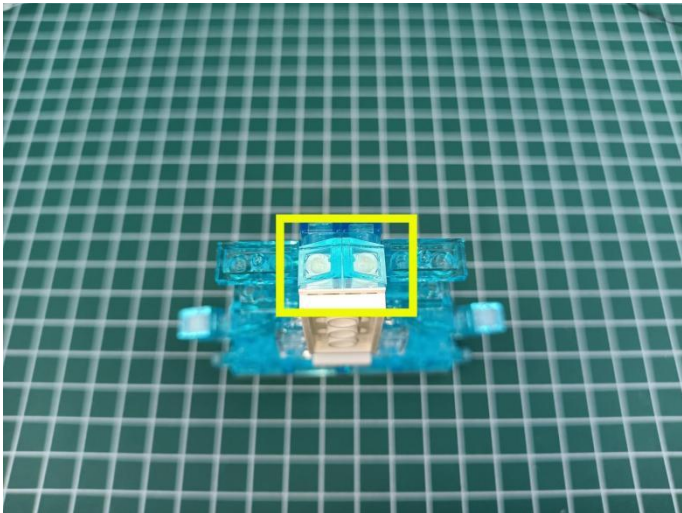
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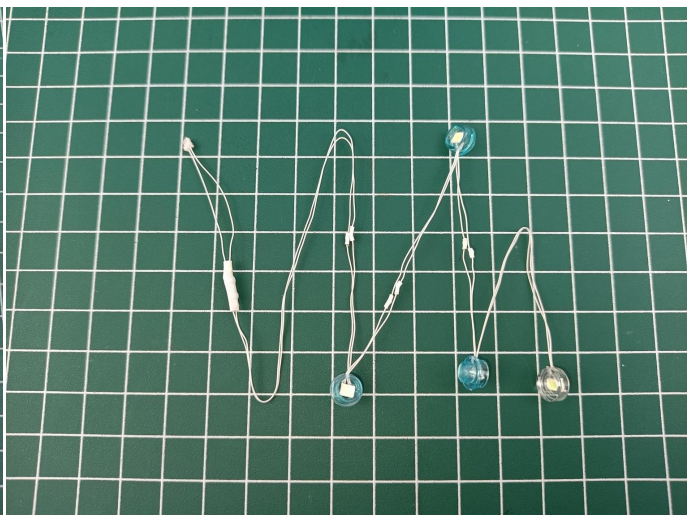
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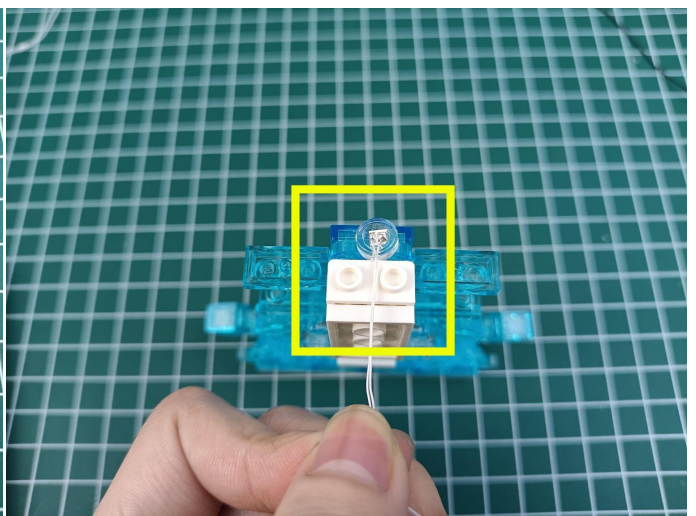
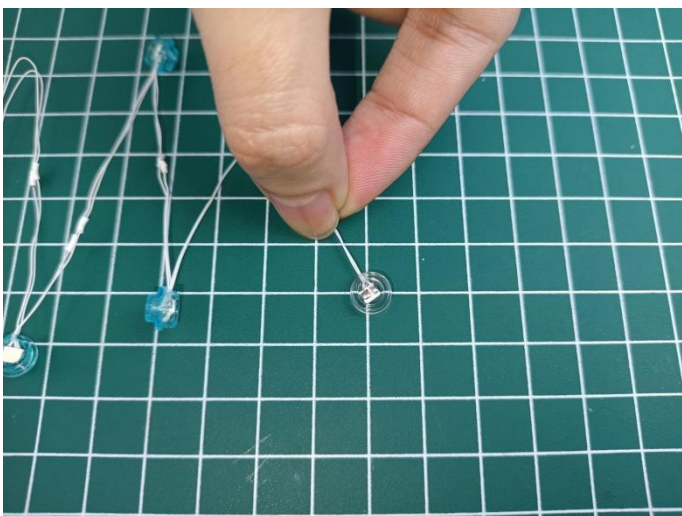
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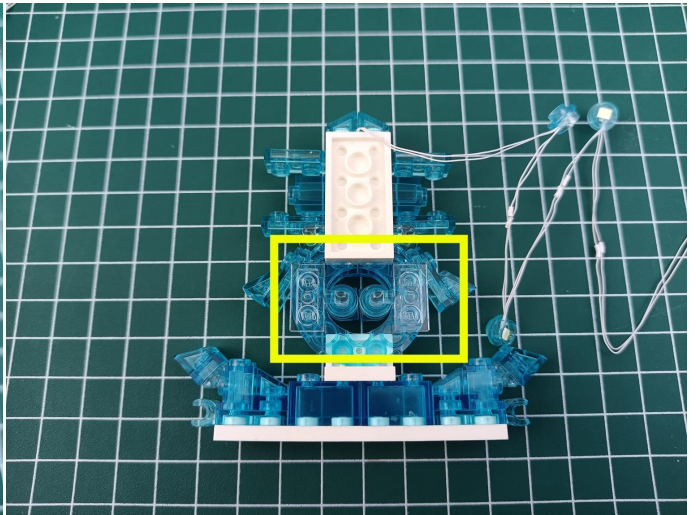
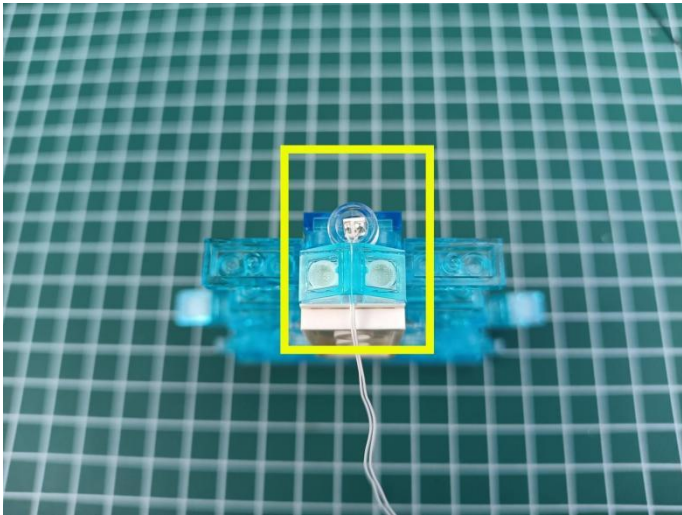
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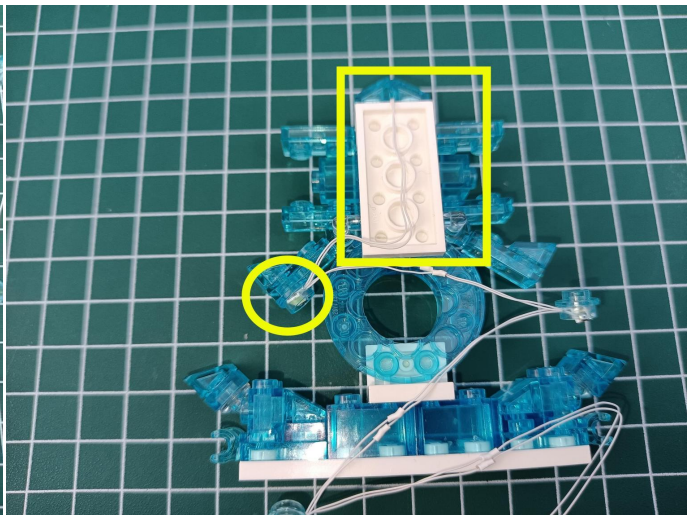
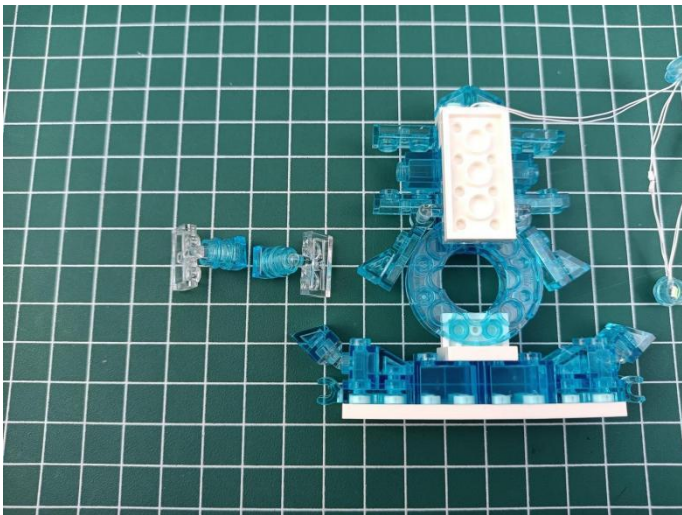
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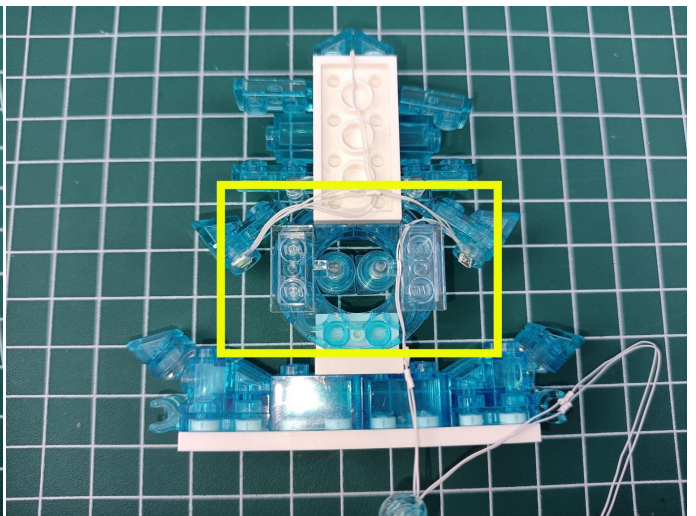
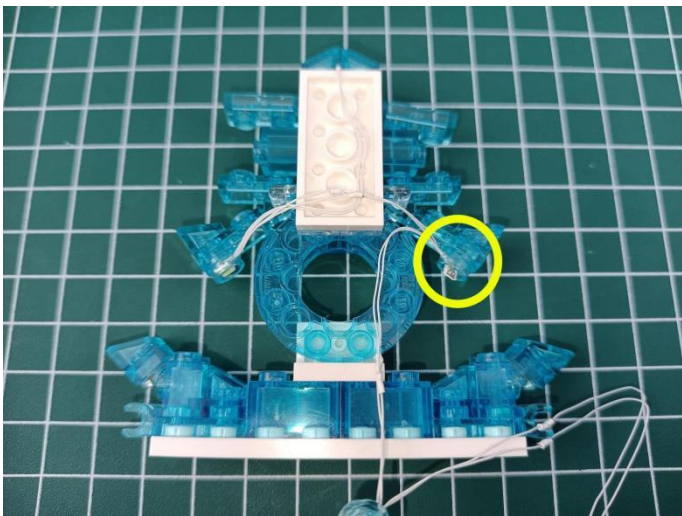
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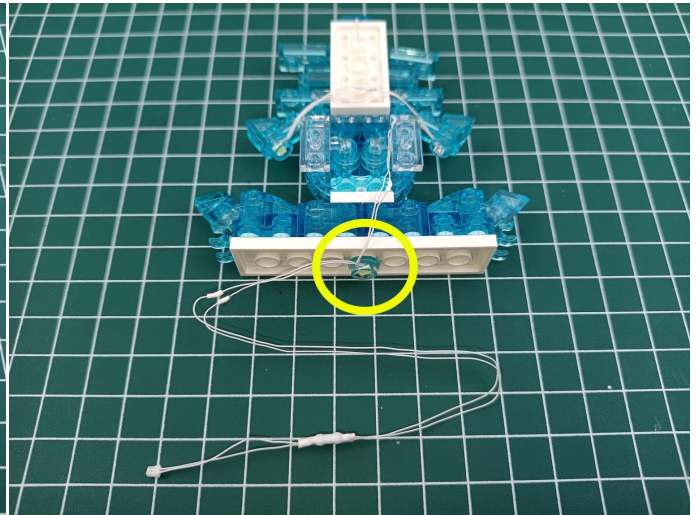
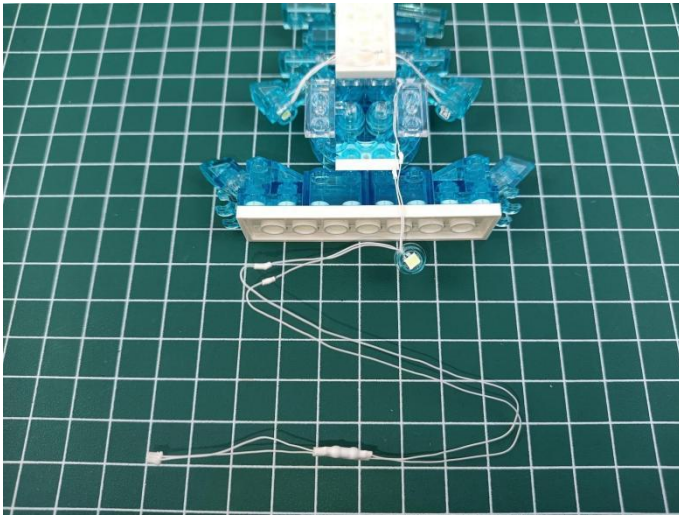
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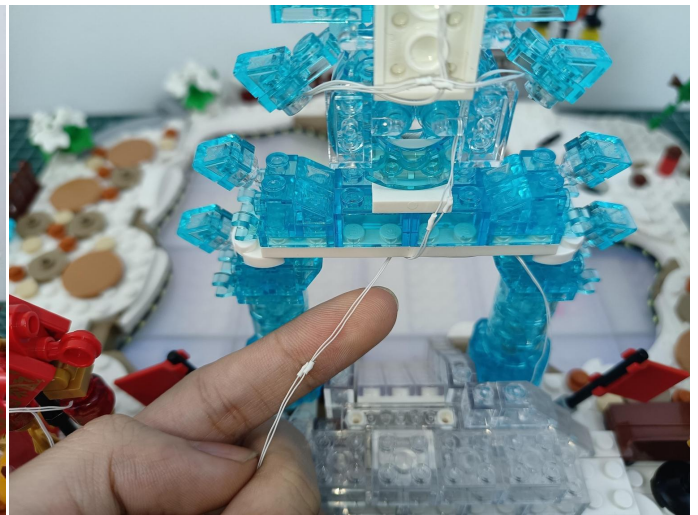
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103



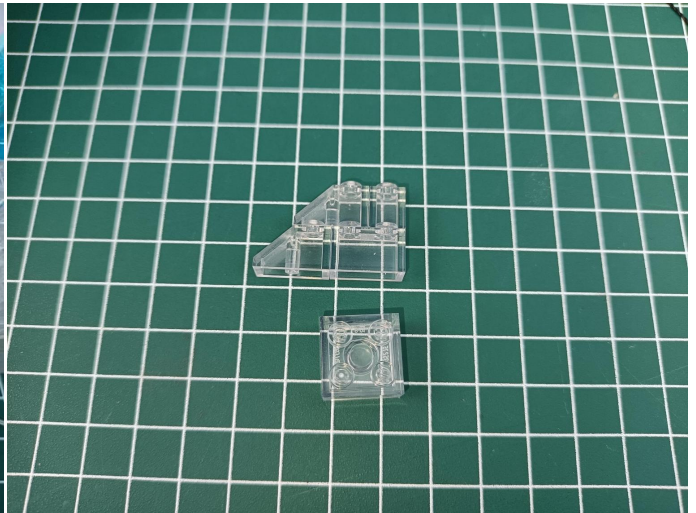
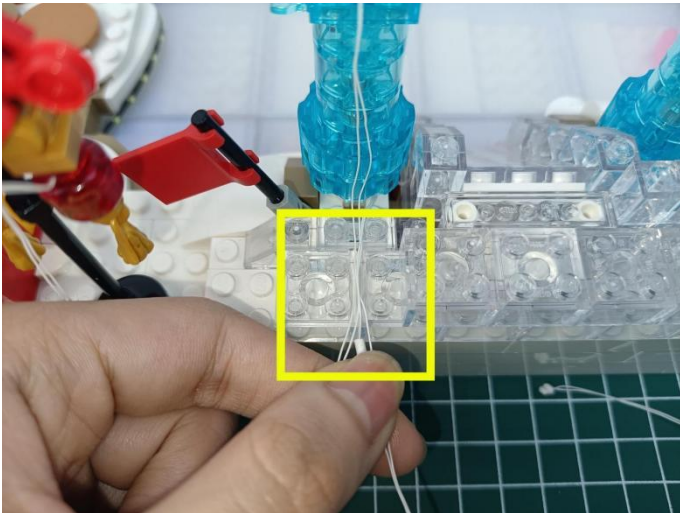
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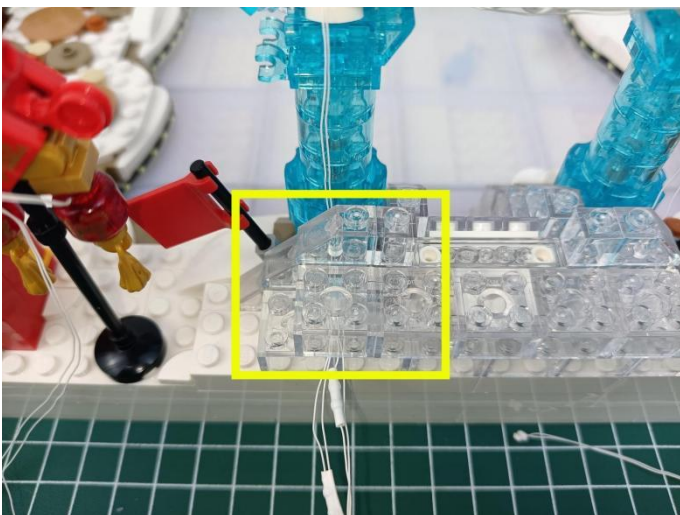
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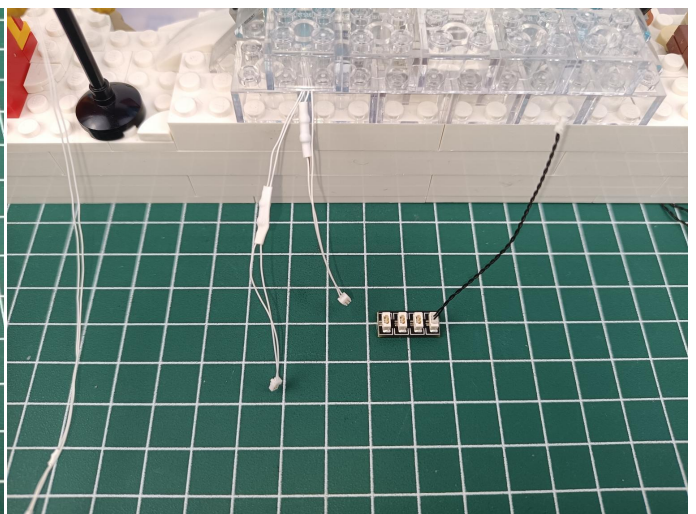
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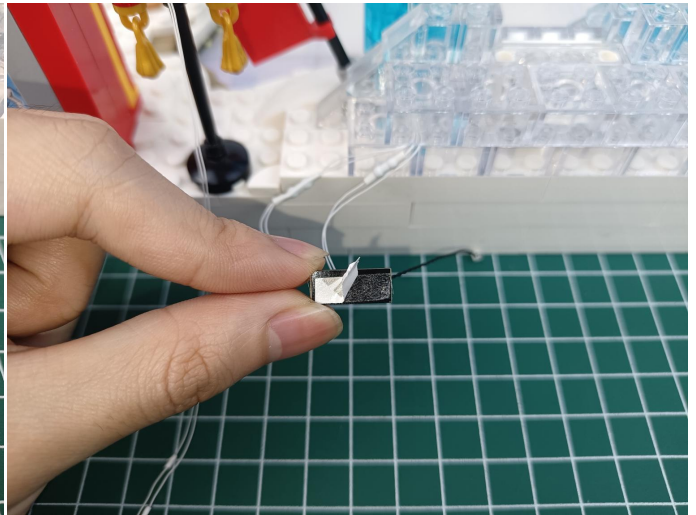
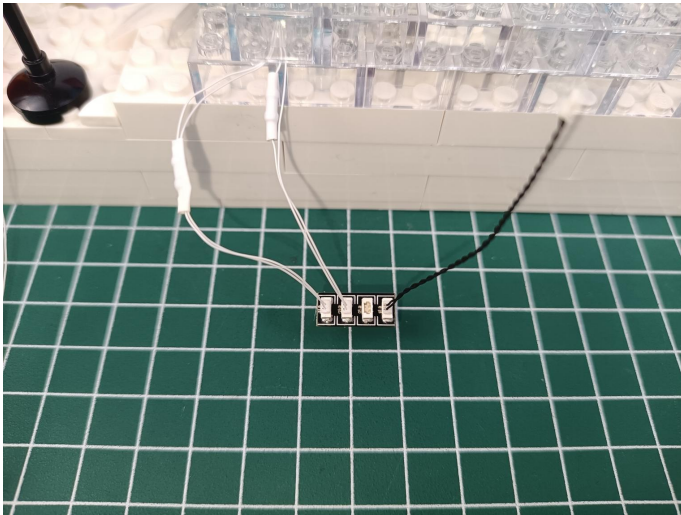
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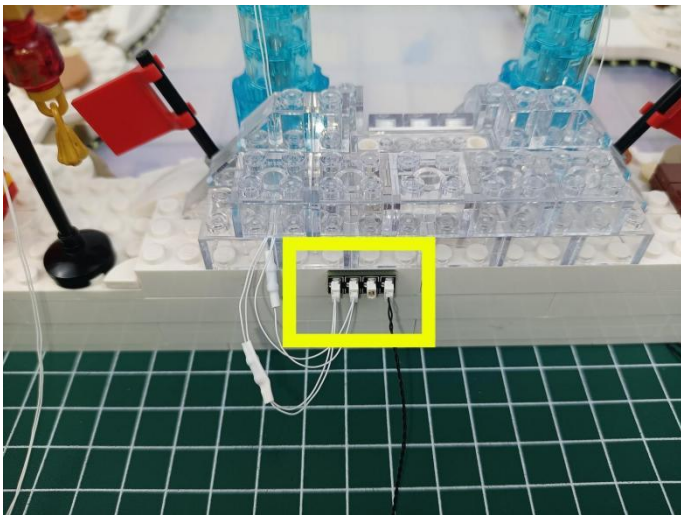
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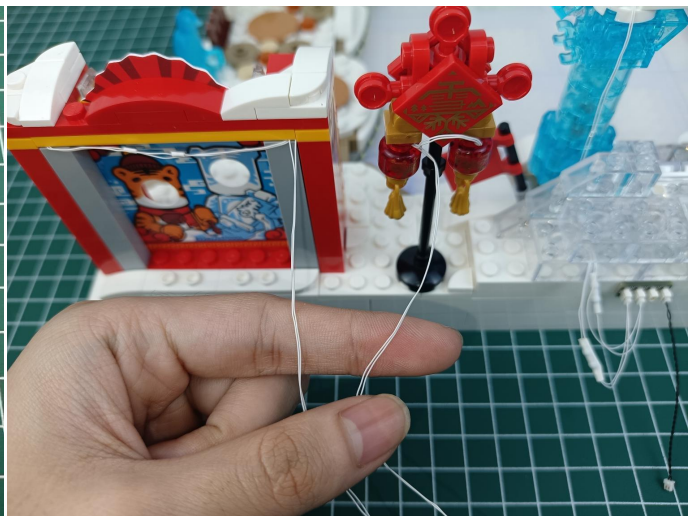
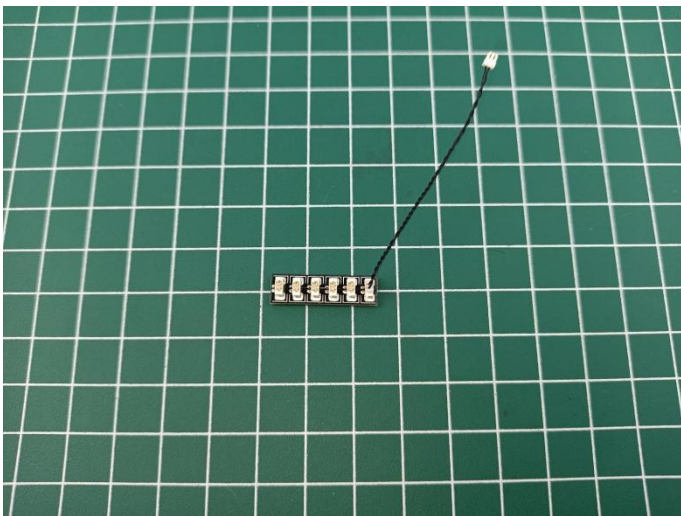
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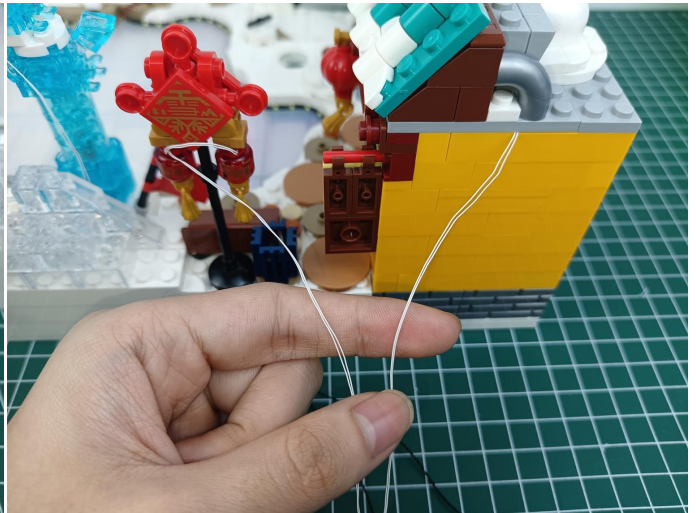
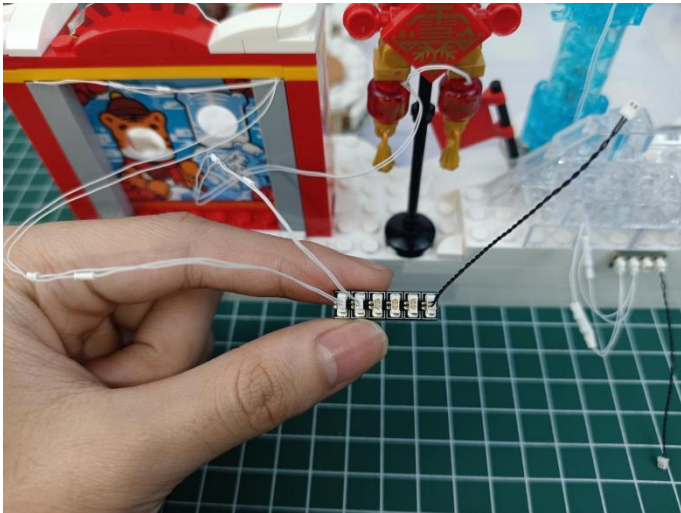
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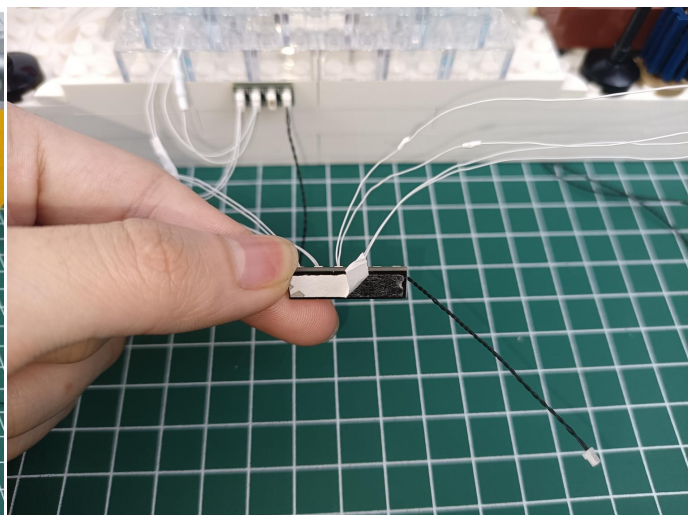
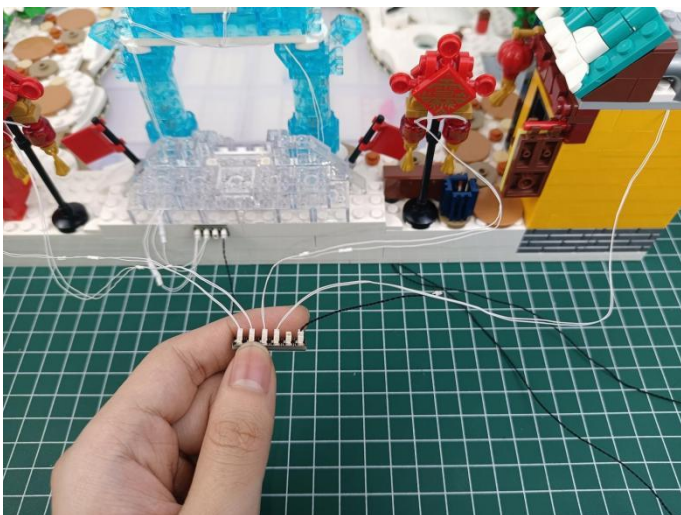
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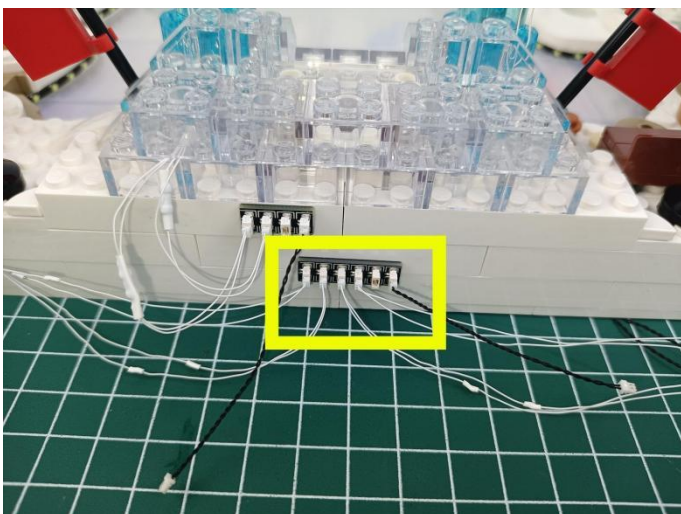
112



113



114



115



Remote control function description



ON: All branches are opened
OFF: all branches are closed

A: open/close A road
B: open/close B road
C: open/close C road
D: open/close D road

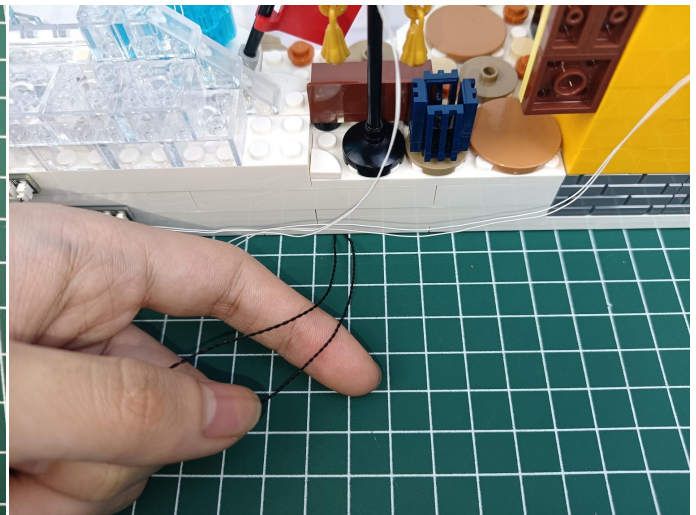
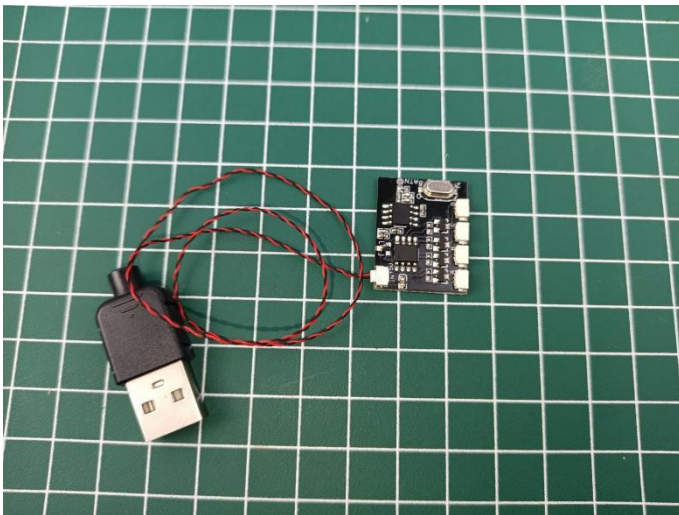
FS: Turn on blinking for the last open channel

BLN: Start breathing for the last opened path

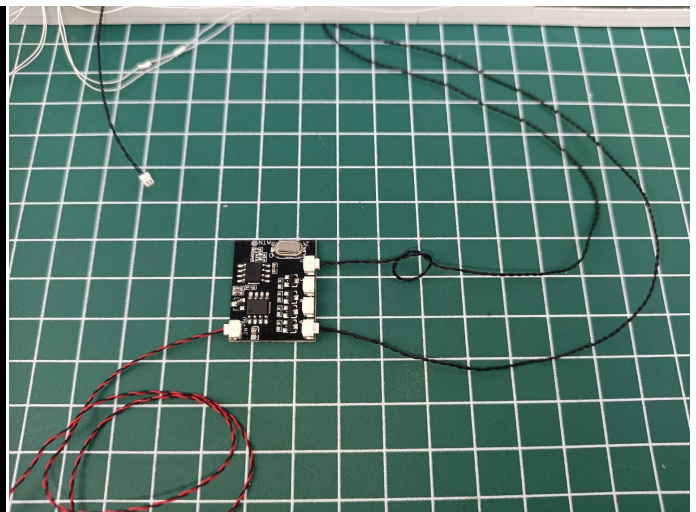
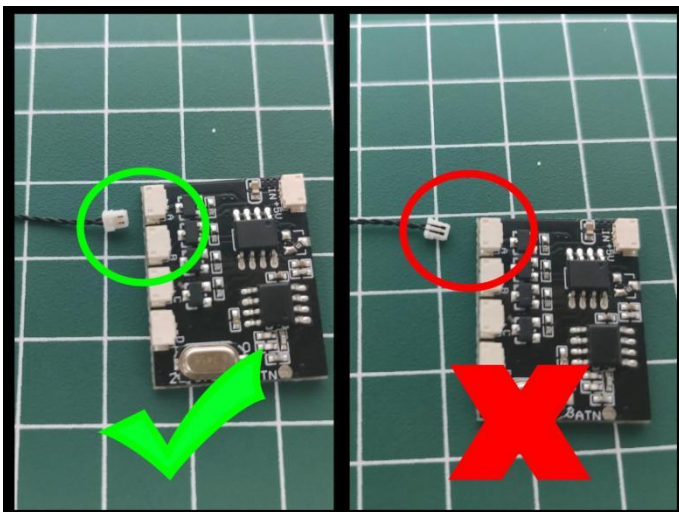
↑: Increase blinking/breathing rate
↓: Increase blinking/breathing rate

Brightness+: Increase brightness
Brightness -: Reduce brightness

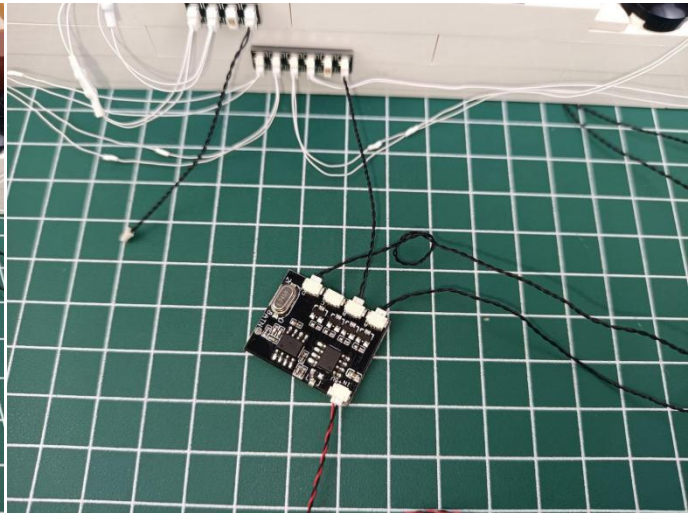
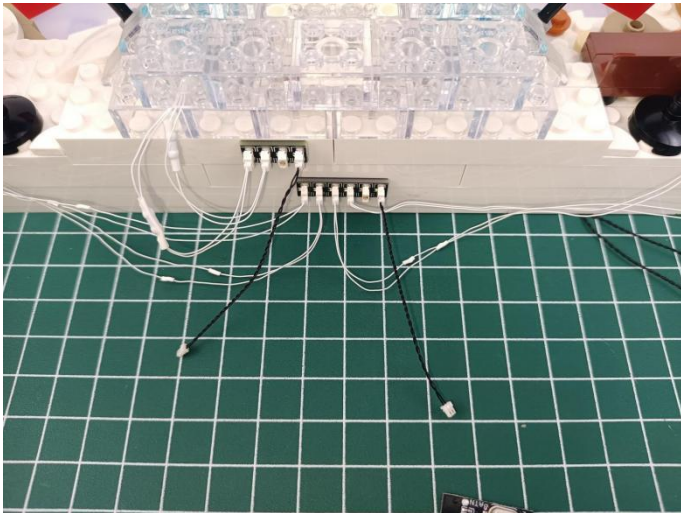
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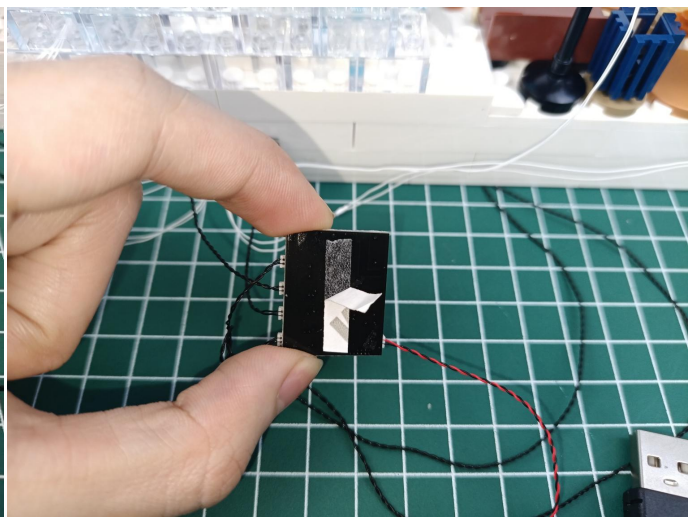
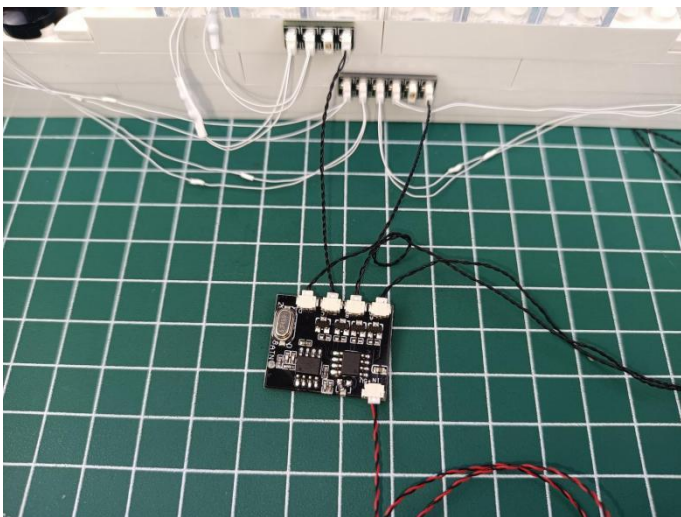
117



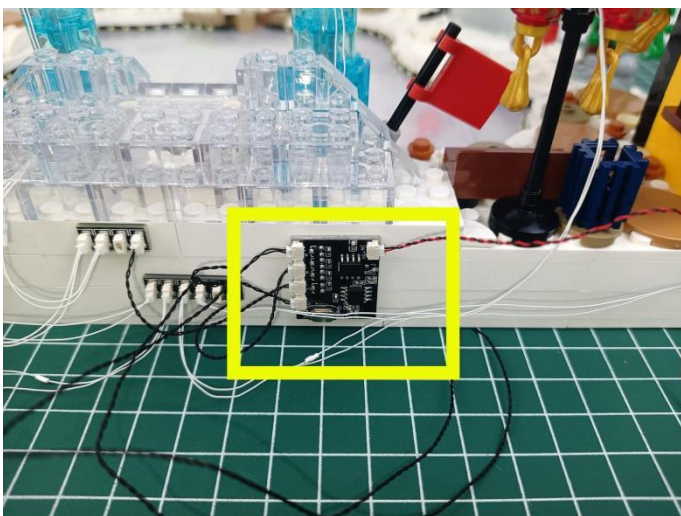
118



119




120



121

Remote control function description



The image shows a black remote control with various buttons and a small expansion board. The remote has buttons for ON/OFF, SHUNT (A, B, C, D), EFFECT (FS, BLN), and BRIGHTNESS (+/-). The expansion board has a red arrow pointing to an 'INPUT' port labeled 'A'.

ON: All branches are opened
OFF: all branches are closed
A: open/close A road
B: open/close B road
C: open/close C road
D: open/close D road
FS: Turn on blinking for the last open channel
BLN: Start breathing for the last opened path
↑: Increase blinking/breathing rate
↓: Increase blinking/breathing rate
Brightness+: Increase brightness
Brightness -: Reduce brightness

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



The battery box in bag NO.5 can also power the set. If it is necessary to change the power supply, prepare three AA 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 set as well.

THANKS