

10249 Winter Village Toy Shop P85

- P85 is the unique code of lighting set, we use this to accurately identify the product you purchased and the corresponding manuals and services you need to obtain. Please make sure your product code is the same as the label on the back of the box shown “10249 P85”.
- 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.

There are 7 bags in this set. The name and quantities of specific components are as shown , please check carefully.

Label	Content	Quantity
LED Strip Lights-Warm White	LED Strip Lights-Warm White	1
Expansion Board	8 Socket Expansion Board	1
AA Battery Box	AA Battery Box	1
Connecting Cables-15CM	Connecting Cables-15CM	1
Bit Lights-30CM-Warm White	Bit Lights-30CM-Warm White	3
Multi-Colour Light String	Multi-Colour Light String	3
Parts package		

Please contact us immediately if there have any missing components.

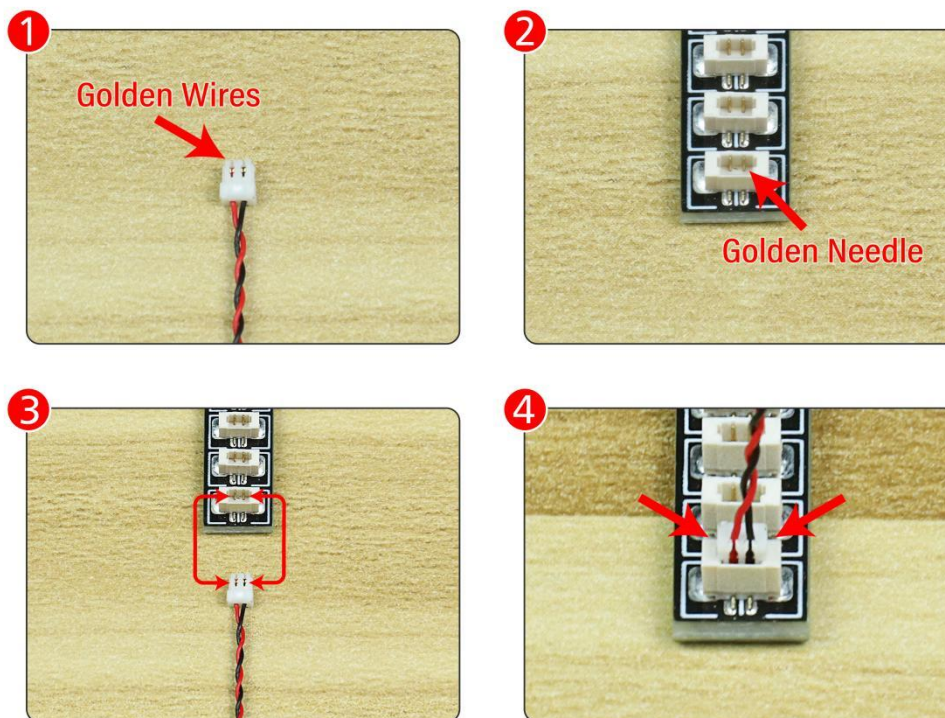
Section B: Test that each components is working properly.

We need a structure to test all lights, so take out the bag with label “USB Power Cord”and “Expansion Boards”as follows.



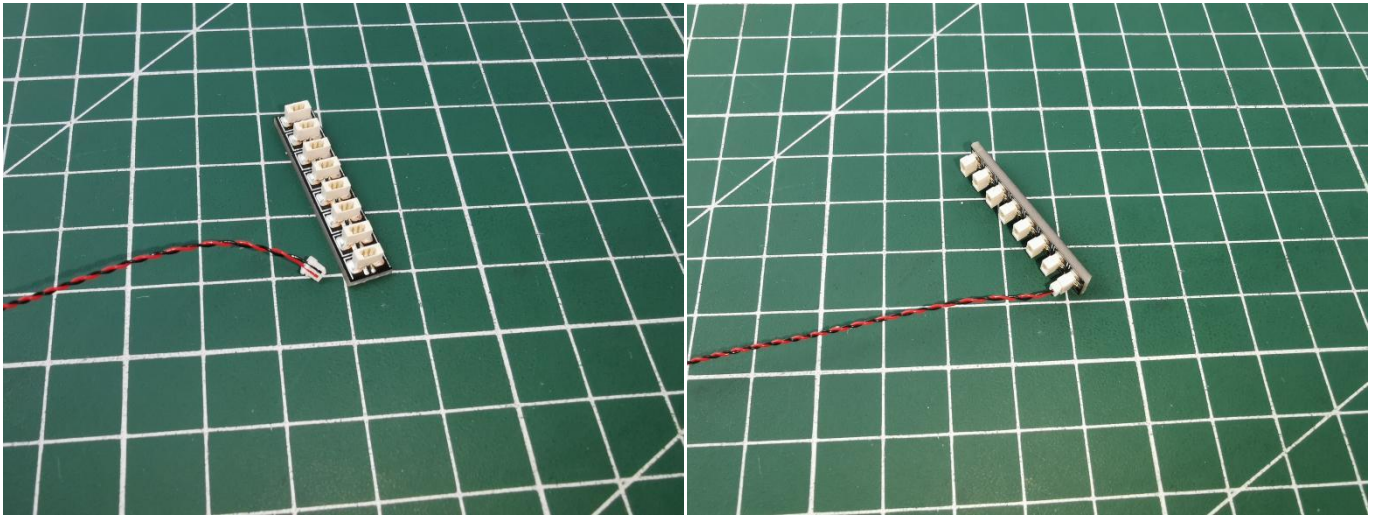
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

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.



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.

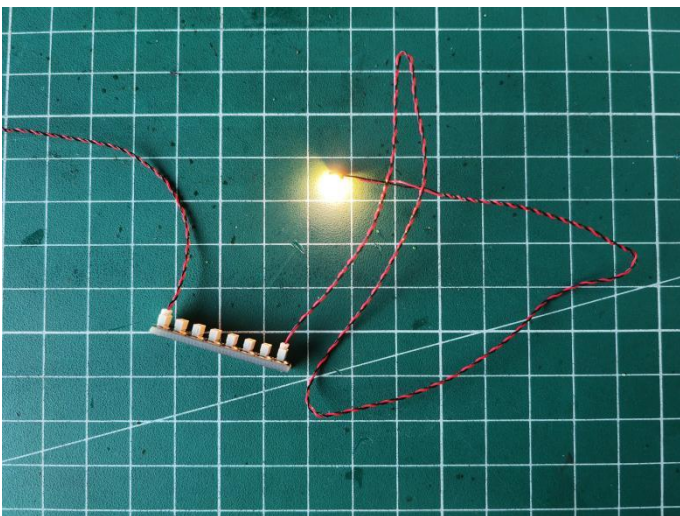
USB connectors to connect devices



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 "Bit Lights-30CM-Warm White" particles,Take out the bag labelled "Bit Lights-30CM-Warm White".Take out one of the light and connect it to the socket. Turn on the power bank, the light will turn on normally as shown 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.



The components needs to be tested in this set is 1*LED Strip Lights-Warm White,2*Bit Lights-30CM-Warm White,3*Multi-Colour Light String.

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

Section C: laying out components following the instruction.

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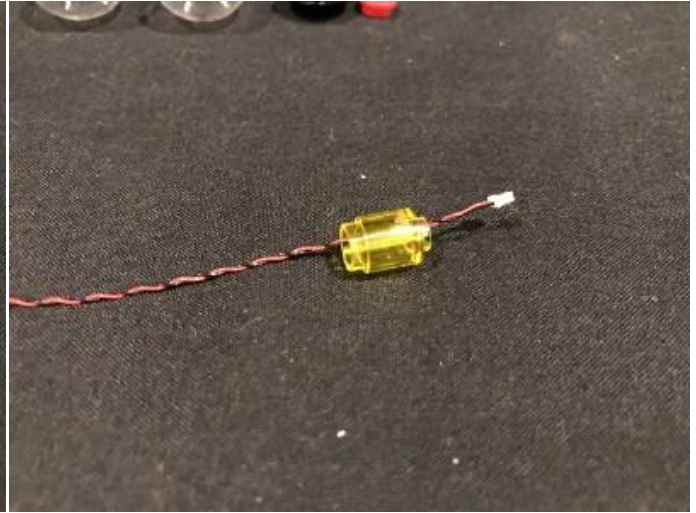
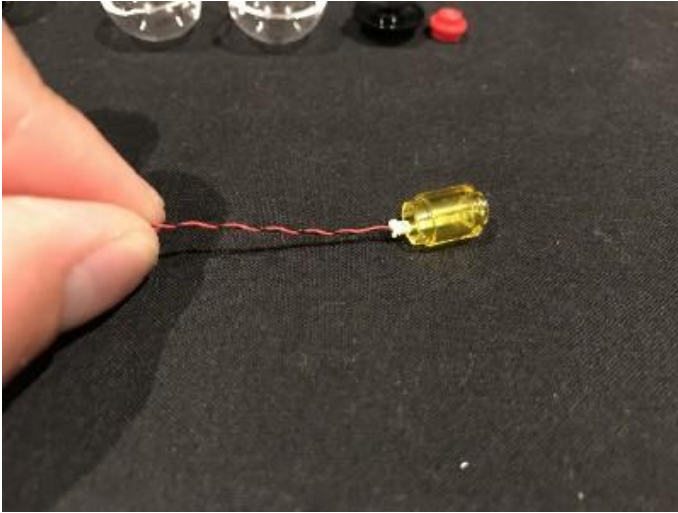
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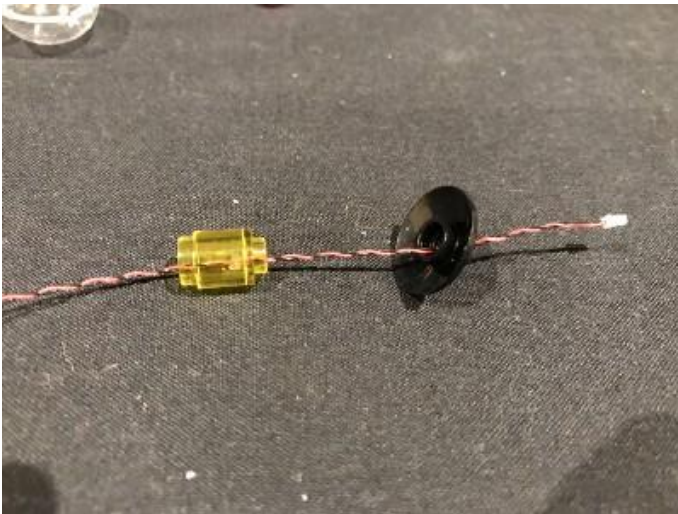
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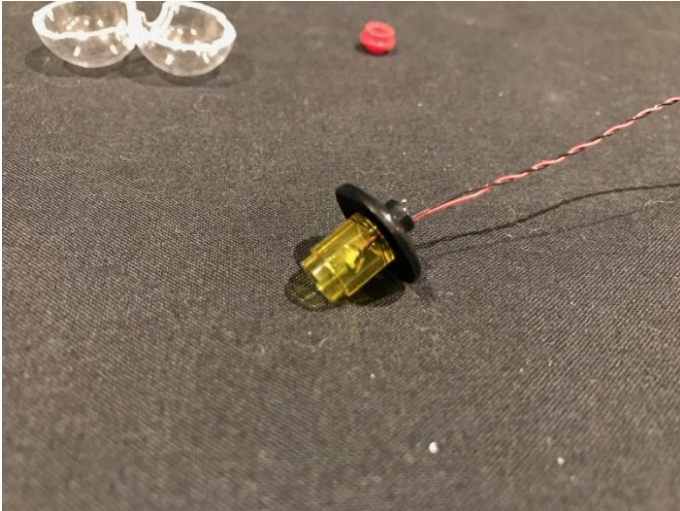
4. Take one Dot Light and then thread the connector side of the light through the large hole of the trans yellow round brick. Pull the cable through from the other side and then thread it through the large hole of the black plate.



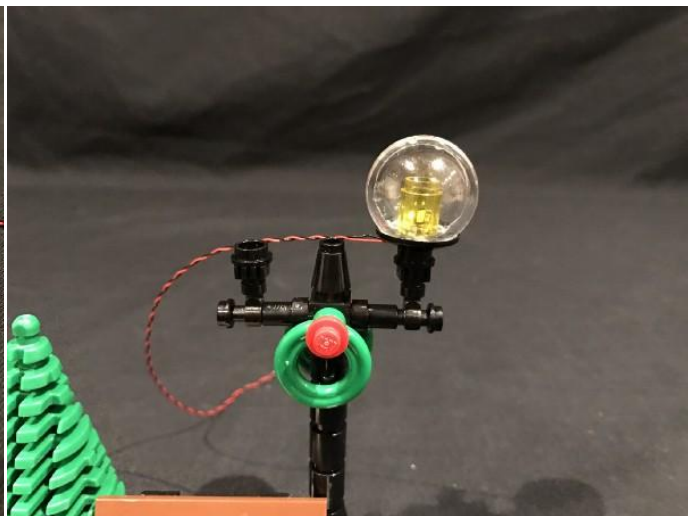
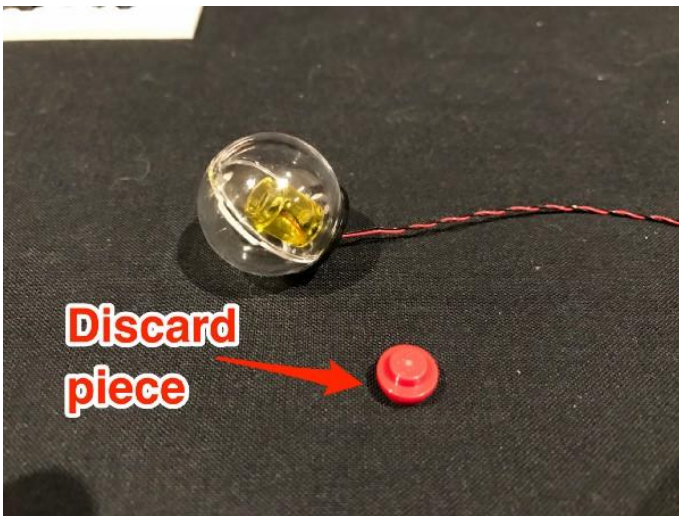
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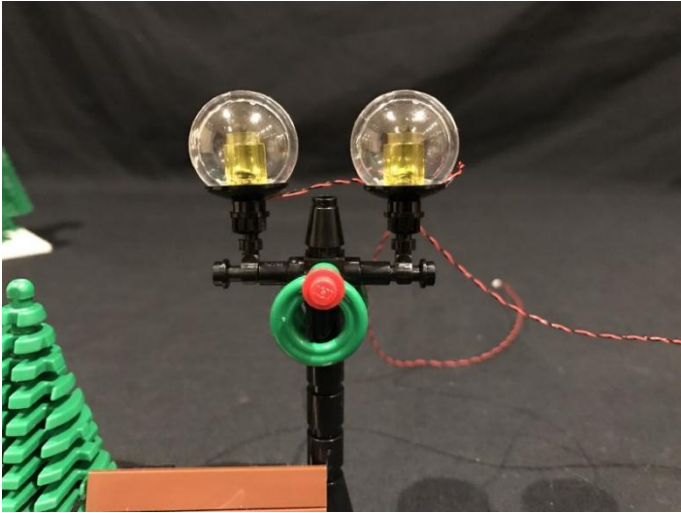
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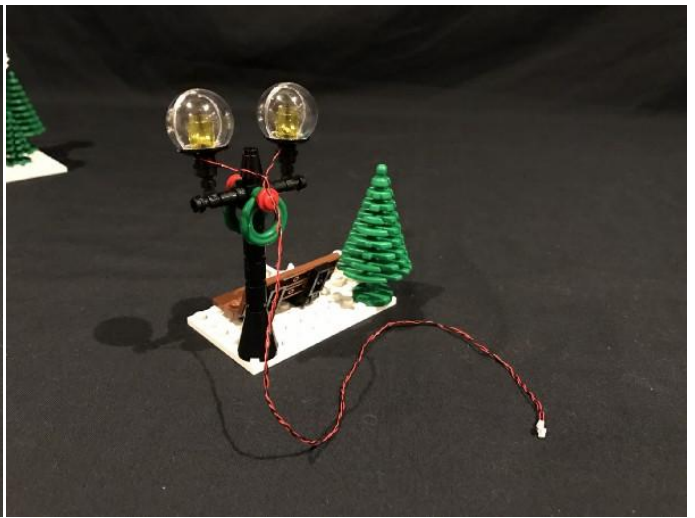
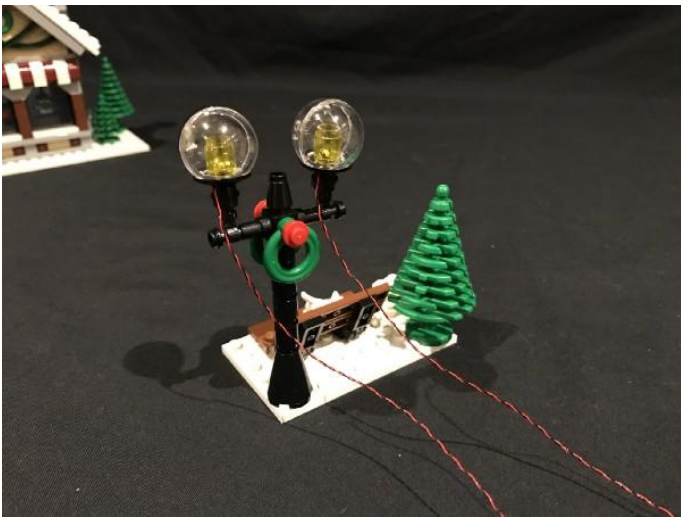
7. Reconnect the two clear pieces that make up the lamp bulb and discard the round red plate that connects underneath as we will be needing this. Reconnect the lamp bulb with Dot Light installed back to the lamp pole.



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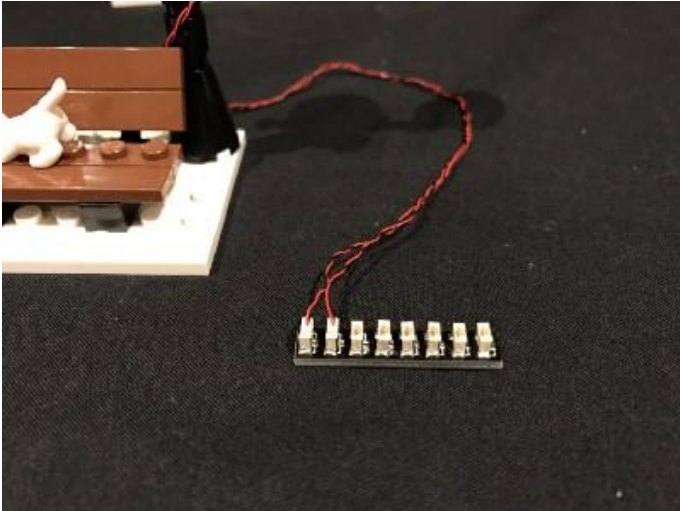
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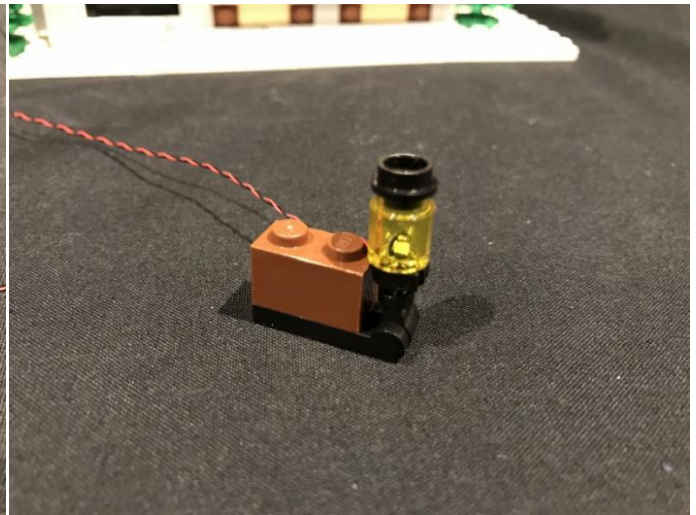
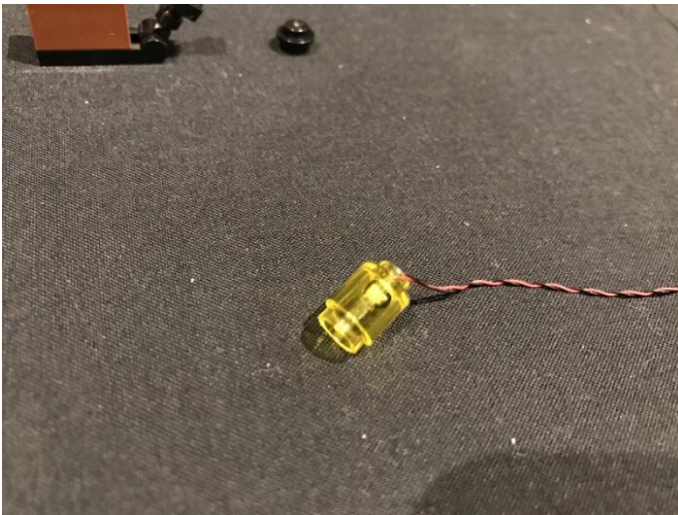
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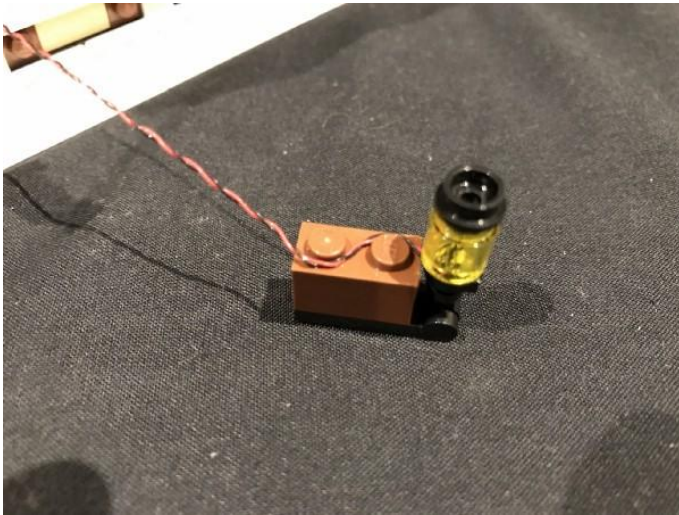
14. Take another Dot Light and thread the connector side of the light through the large hole of the trans yellow brick (exactly the same way as we did for the street lamps). Pull the cable all the way through from the other side until the LED is right up against the inside of the trans yellow brick.



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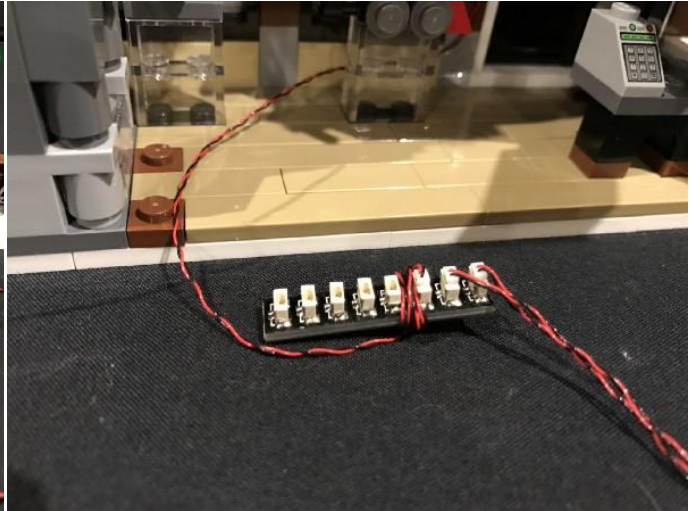
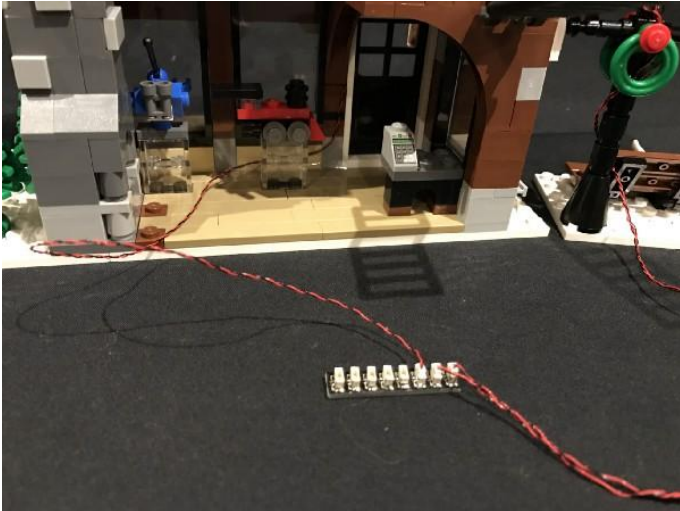
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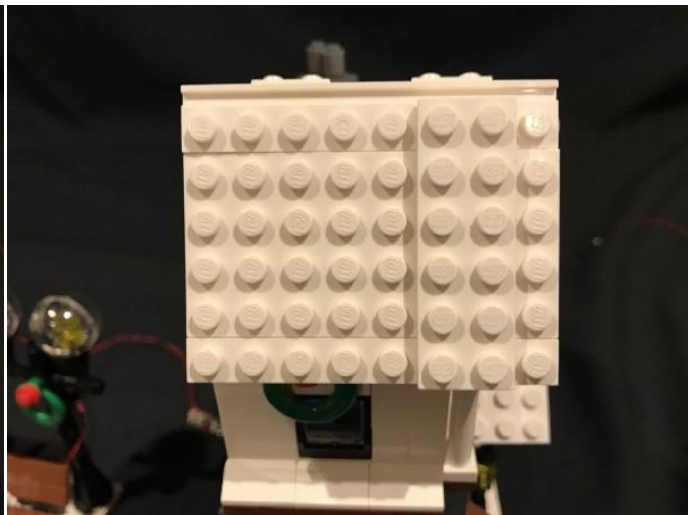
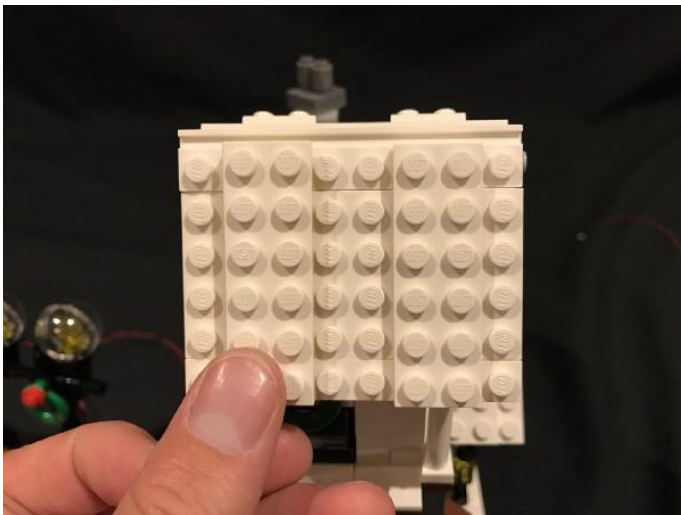
21. Connect the other end of the 15 cm cable to the next available port on the expansion board.



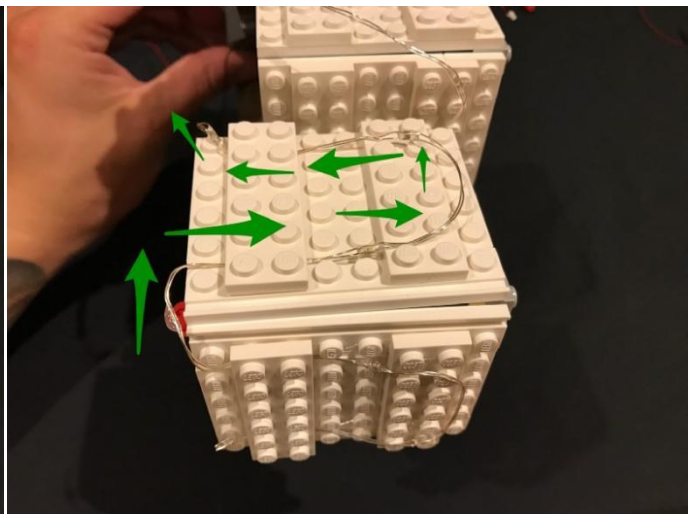
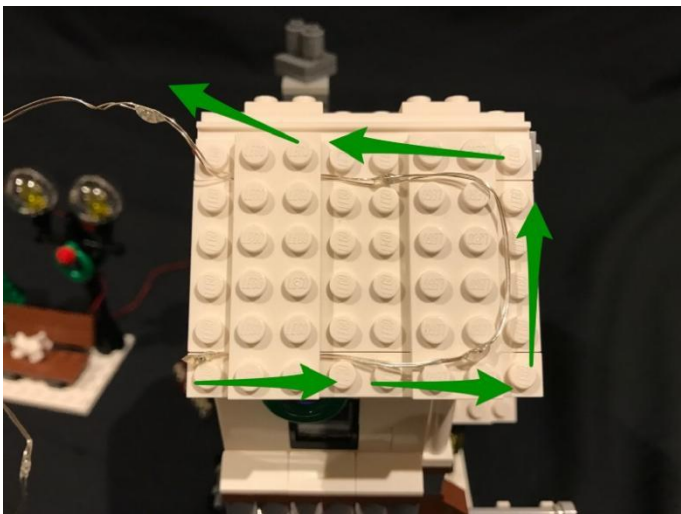
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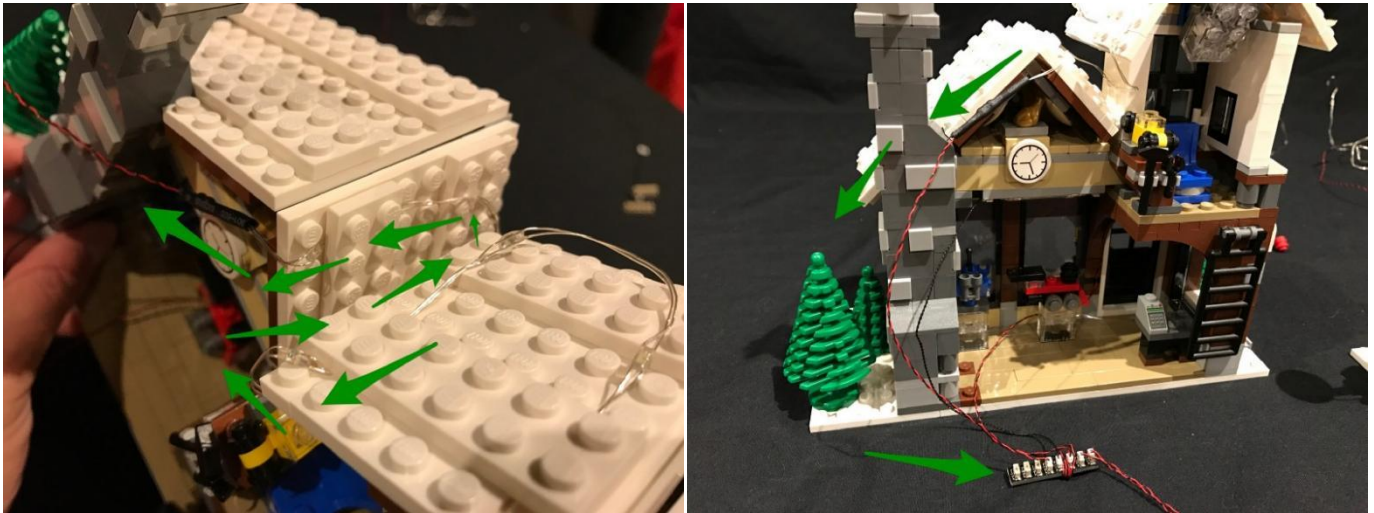
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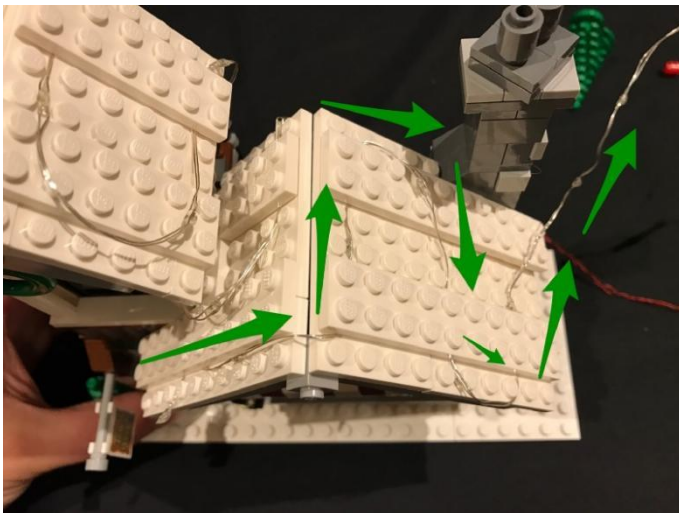
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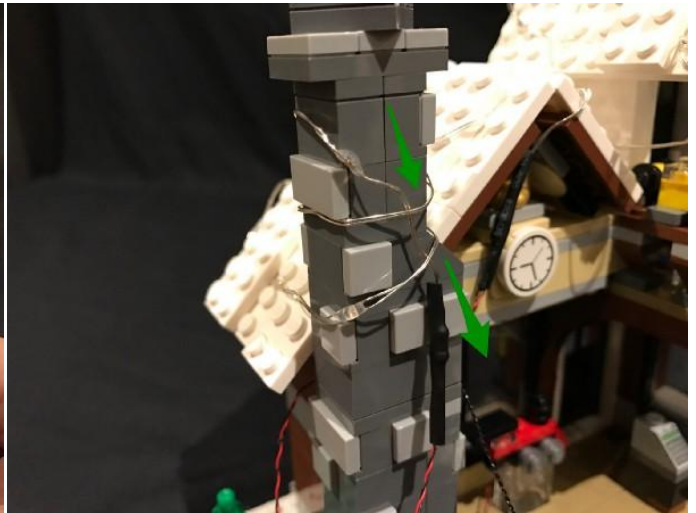
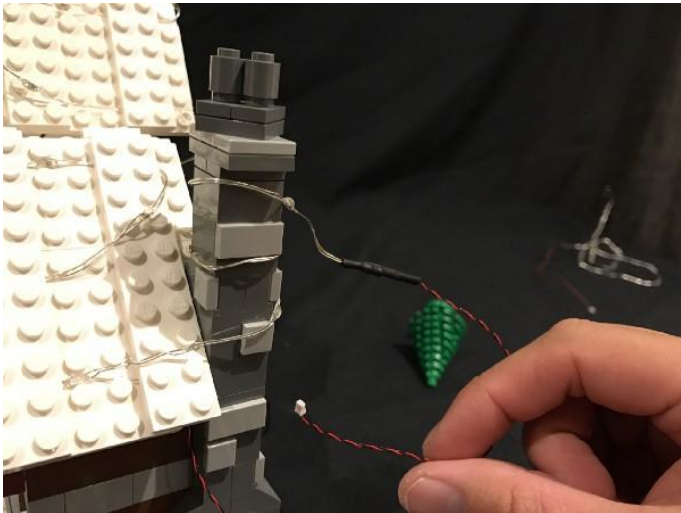
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26. Take another Multi Colour Changing Light String and lay it down on the roof of the right section of the shop starting from the left. Follow the green arrows in the images below to ensure the light string is neatly laid in between studs before reconnecting the white 2x10 plates directly over the top.



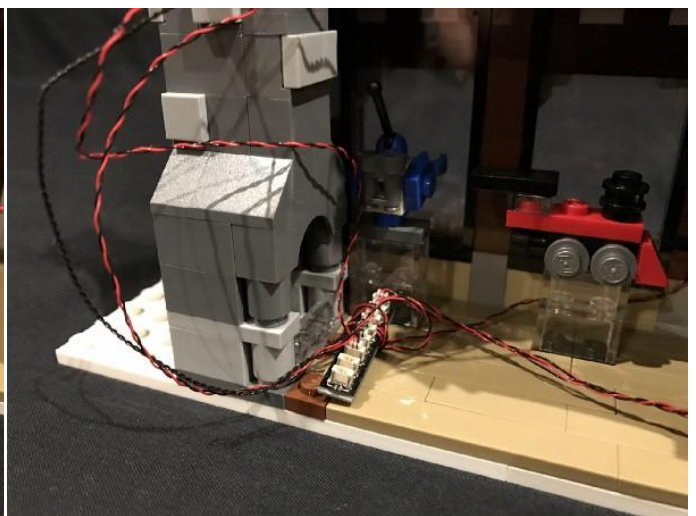
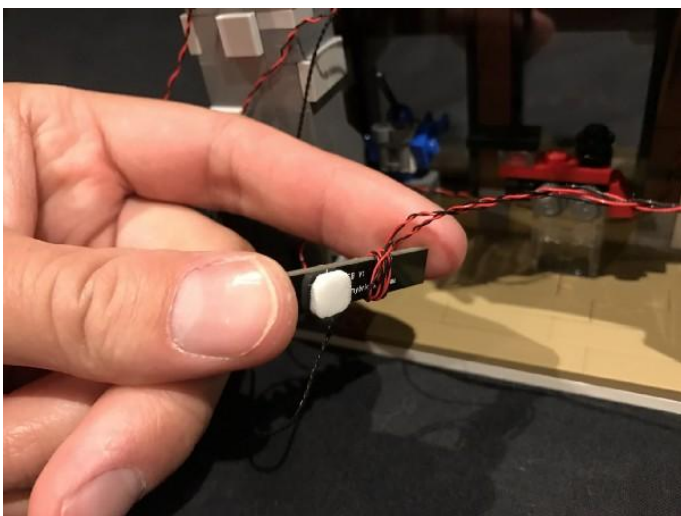
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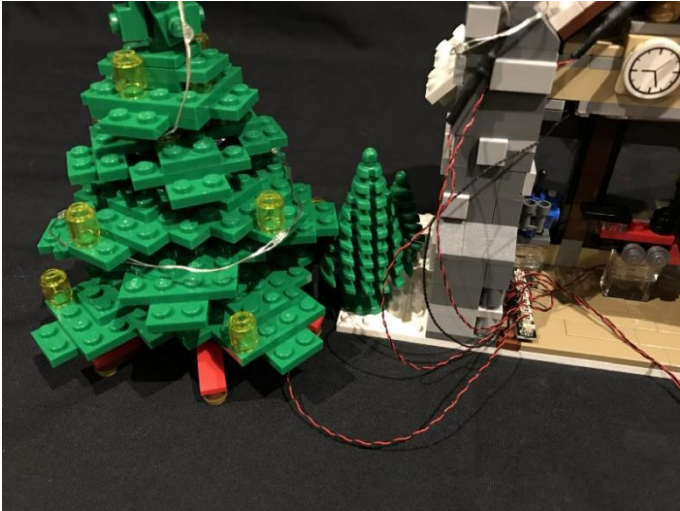
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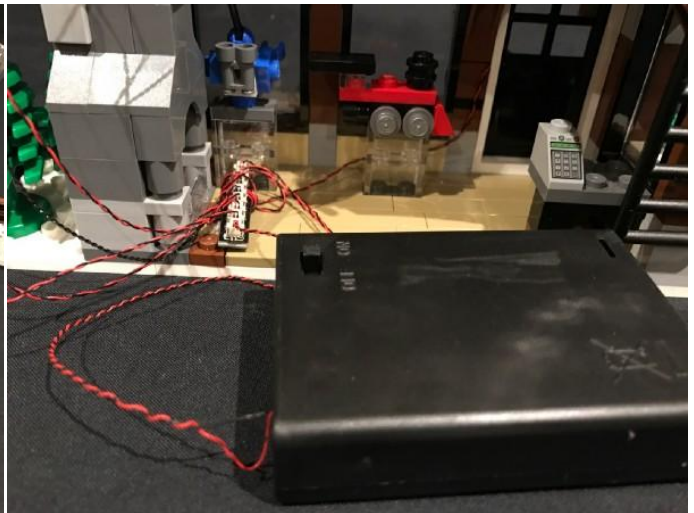
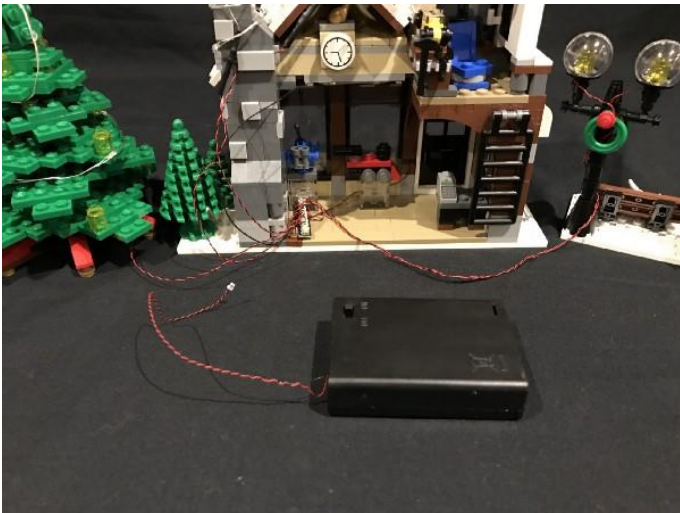
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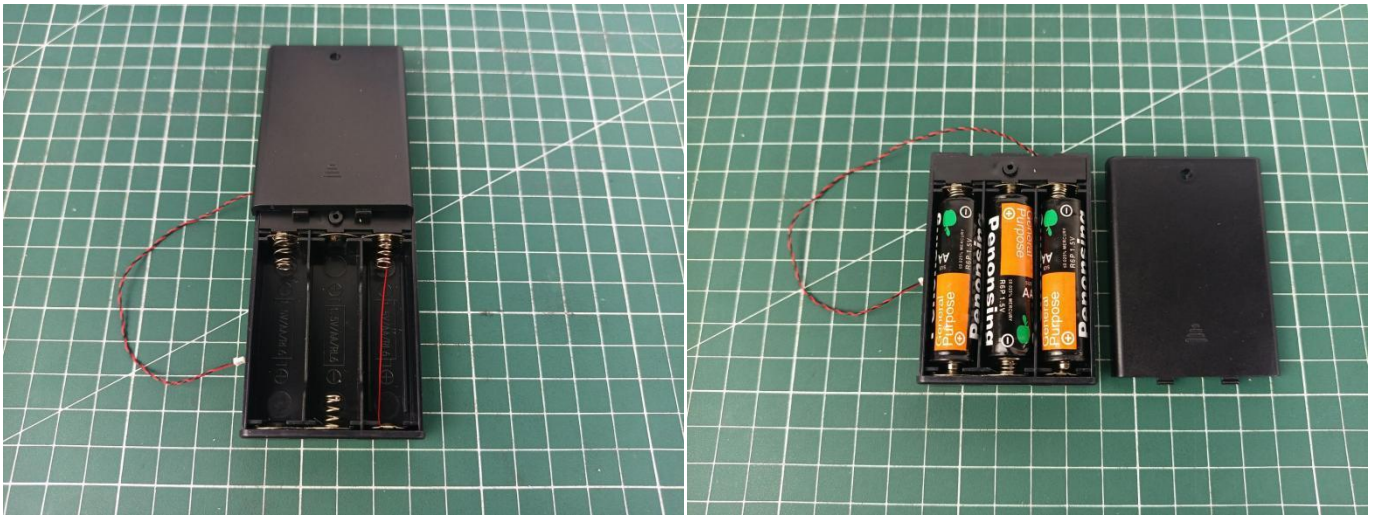
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34. Lastly, take the Battery Pack and insert 3x AA batteries to it before connecting the battery cable into the last remaining port on the expansion board.



35.The AA Battery Box does not contain batteries, please buy three AA batteries in the nearest store and install it in the AA Battery Box.



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

