

# 75968 4 Privet Drive P162

- P162 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 “75968 P162”.
- 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 10 bags in this set. The name and quantities of specific components are as shown , please check carefully.**

Label	Content	Quantity
Bit Lights-15CM-Warm White	Bit Lights-15CM-Warm White	8
Headlights-15CM-Warm White	Headlights-15CM-Warm White	1
LED Strip Lights-Warm White	LED Strip Lights-Warm White	3
Expansion Board	6 Socket Expansion Board	2
	8 Socket Expansion Board	1
Connecting Cables-5CM	Connecting Cables-5CM	1
Connecting Cables-15CM	Connecting Cables-15CM	2
Connecting Cables-30CM	Connecting Cables-30CM	1
USB Power Cable	USB Power Cable-30CM	1
Flat Battery Pack	Flat Battery Pack	1
Parts package		

**Please contact us immediately if there have any missing components.**

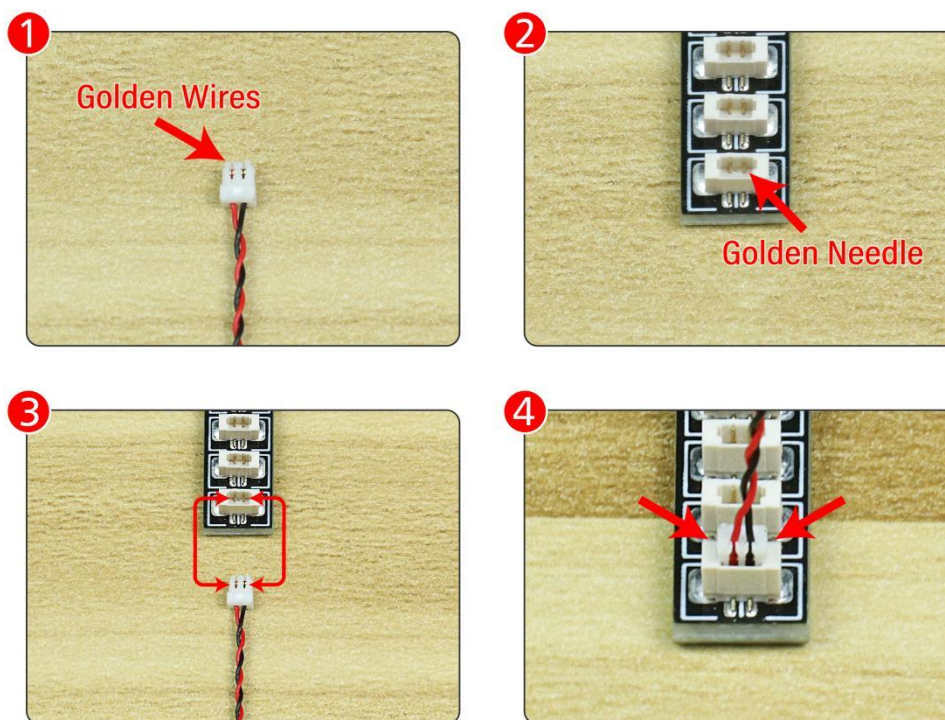
## Section B: Test that each components is working properly.

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



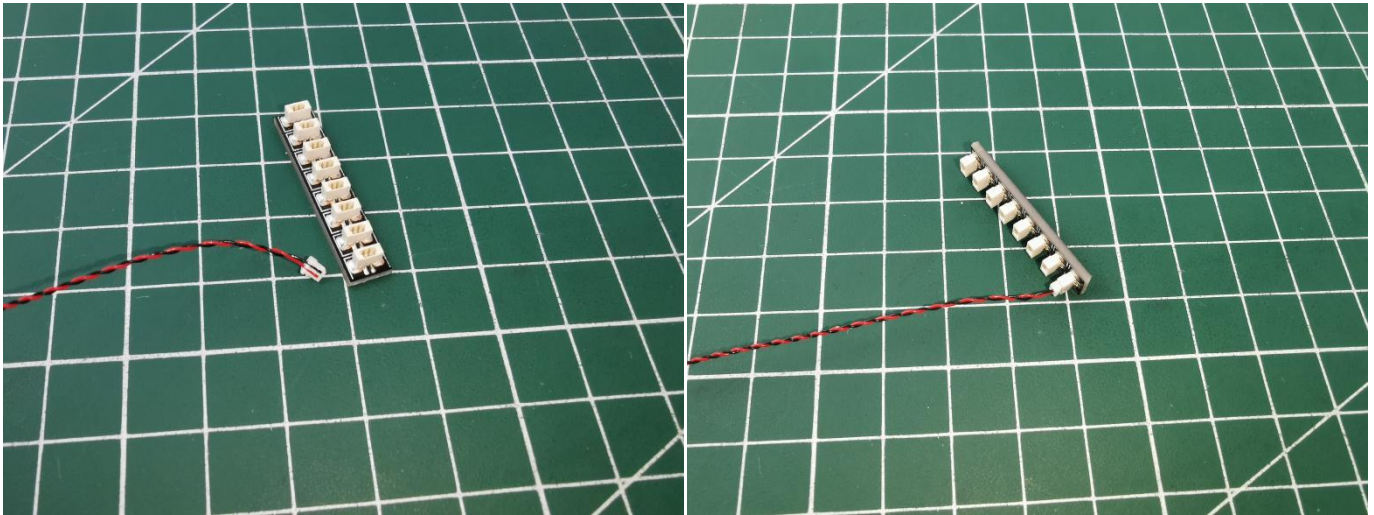
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

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.

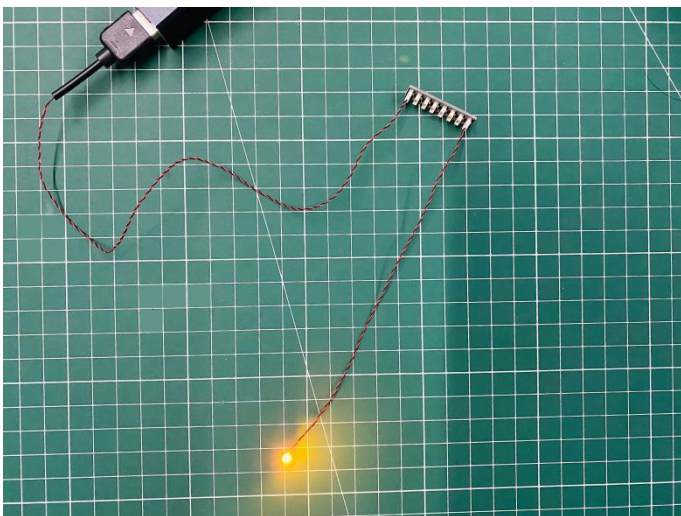
USB connectors to connect devices



**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-15CM-Warm White" particles,Take out the bag labelled "Bit Lights-15CM-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 7\*Bit Lights-15CM-Warm White,1\*Headlights-15CM-Warm White,3\*LED Strip Lights-Warm White.  
Please contact us immediately if any components don't work.**

## Section C: laying out components following the instruction.

**1.** OK, Let's Begin! (you can take a tweezer to help if necessary)  
We'll install the car first.



**2.** Start from installing the headlights, remove the bonnet as per below.

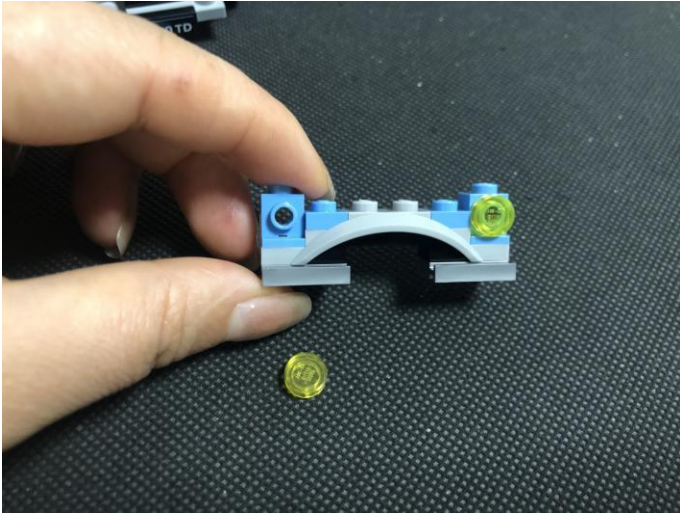


**3.** Remove the headlights piece.

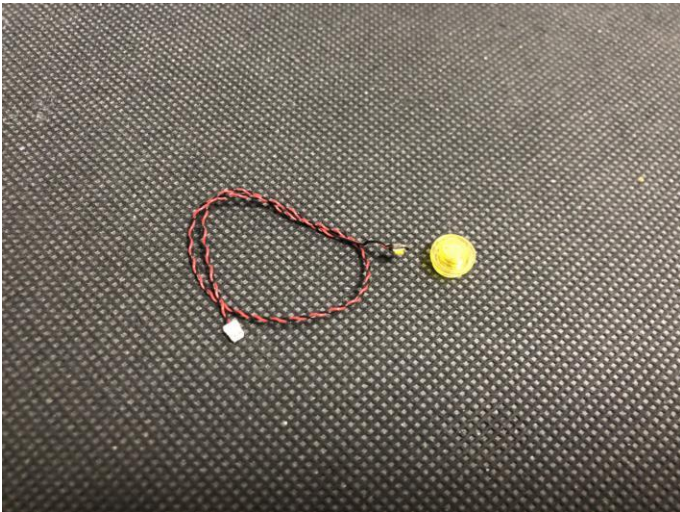




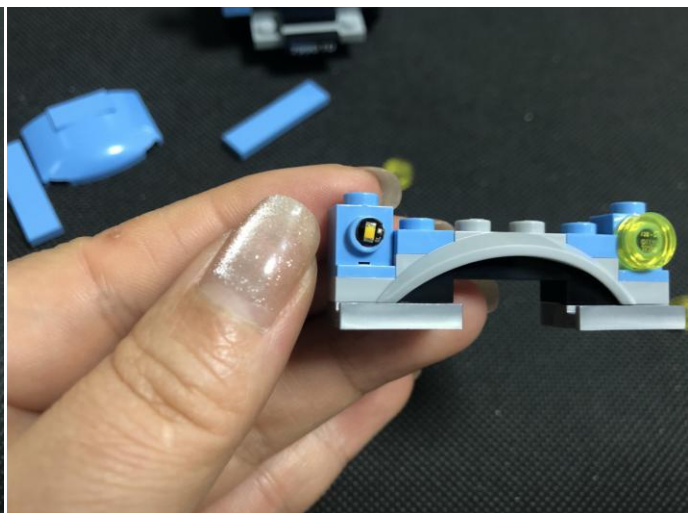
**4.** Disconnect the following trans yellow piece.



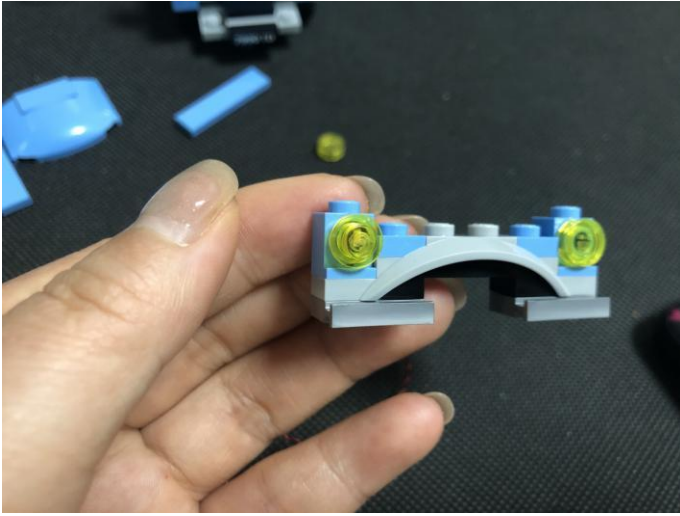
**5.** Take a warm white 15cm dot light, a trans yellow 1x1 round plate.



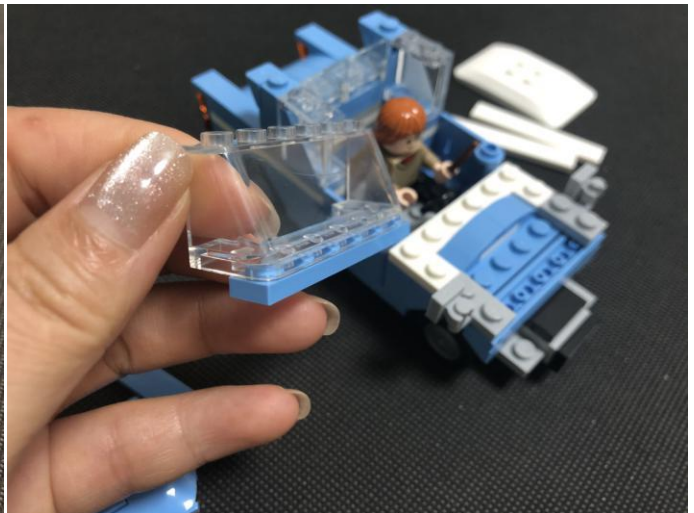
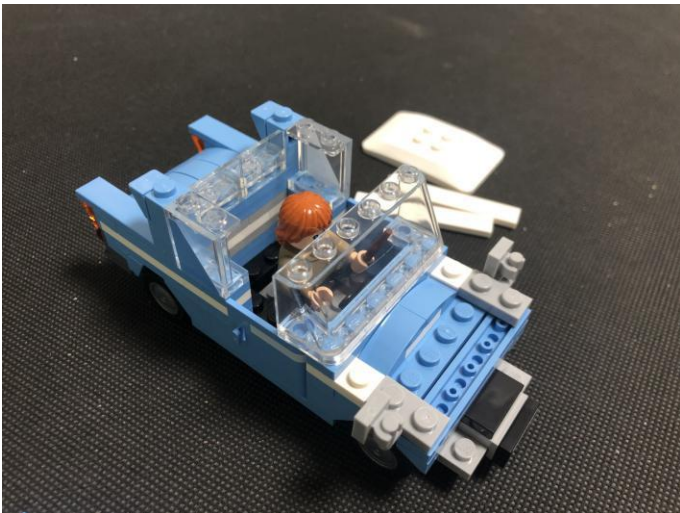
**6.** Thread the connector through the following hole, pull the cable out till the light is placed as per below.



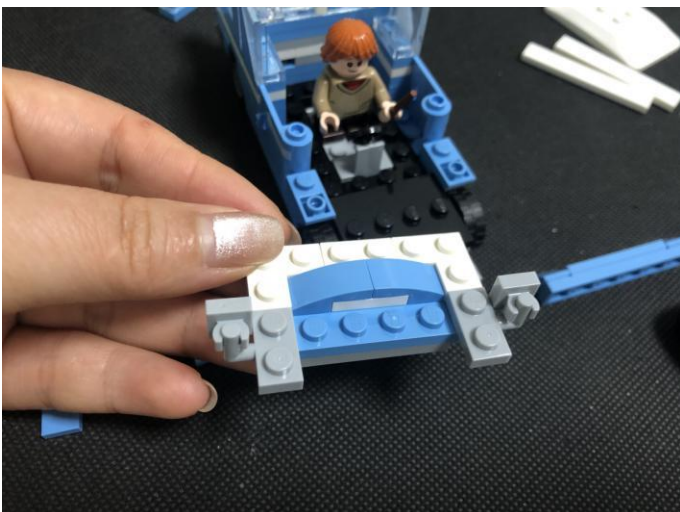
**7.** Secure the light with the trans yellow 1x1 plate.



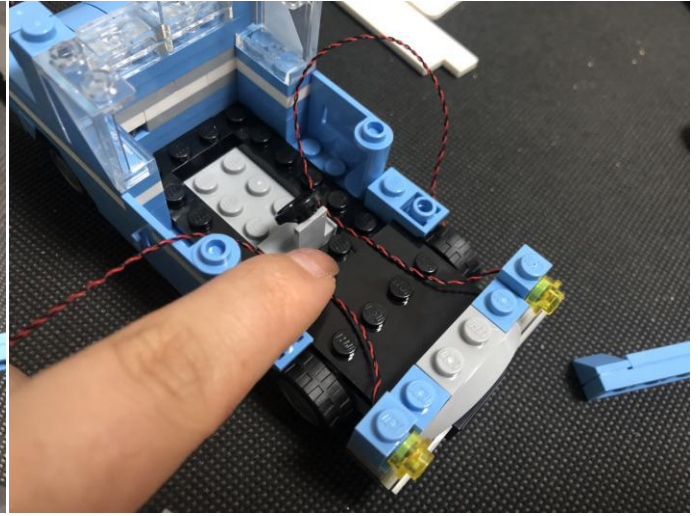
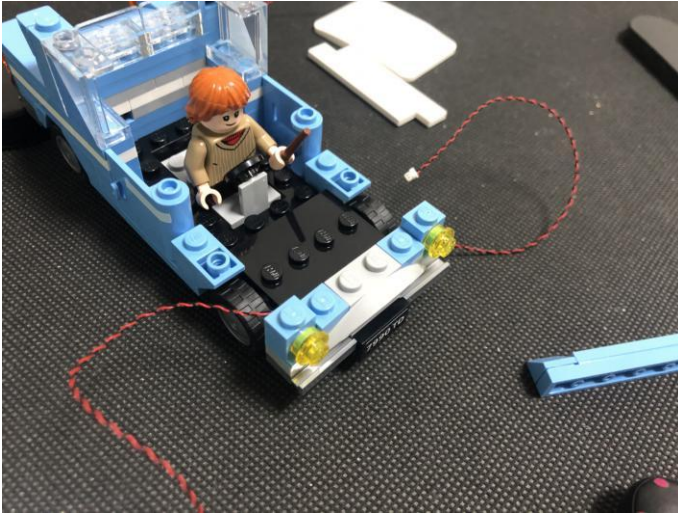
**8.** Take a warm white 15cm dot light, a trans yellow 1x1 round plate, repeat the steps above to install the headlights at the other side. Remove the roof, and the front window as per below.



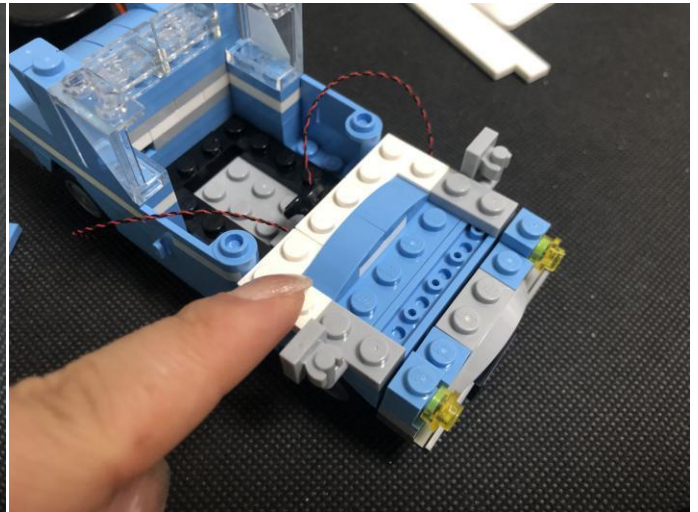
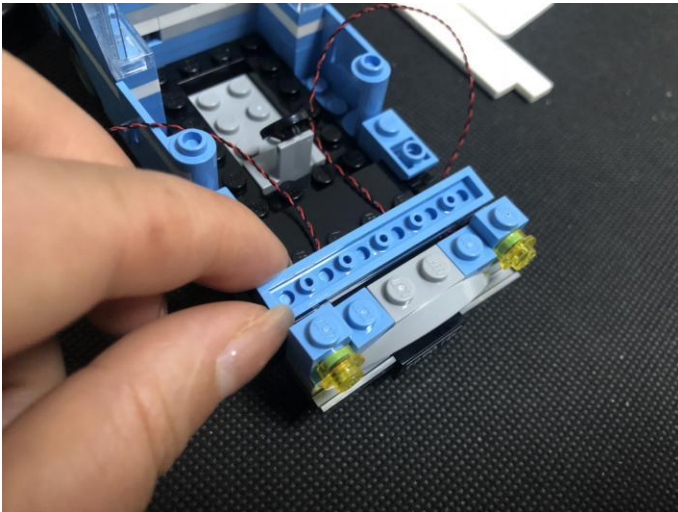
**9.** Continue to remove the following piece.



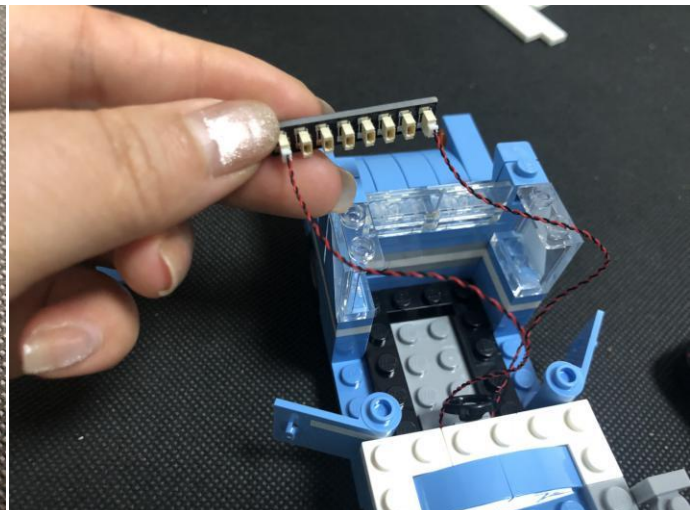
**10.**Reconnect the headlights part, pull the cables toward the driver's room as per below.



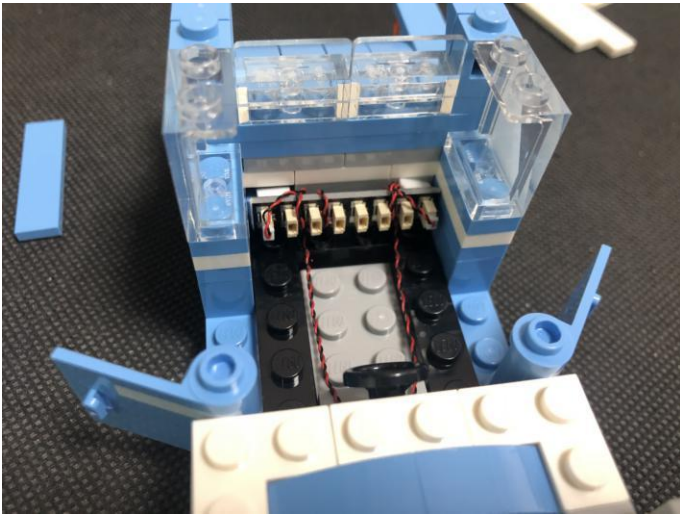
**11.**Reconnect the following pieces to secure the cables.



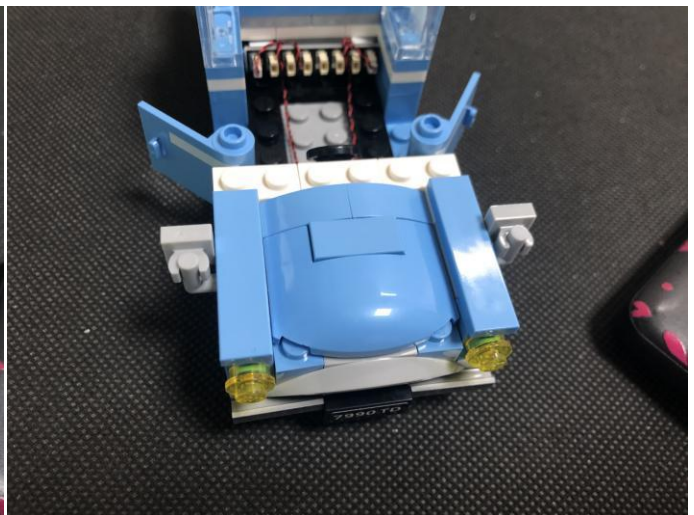
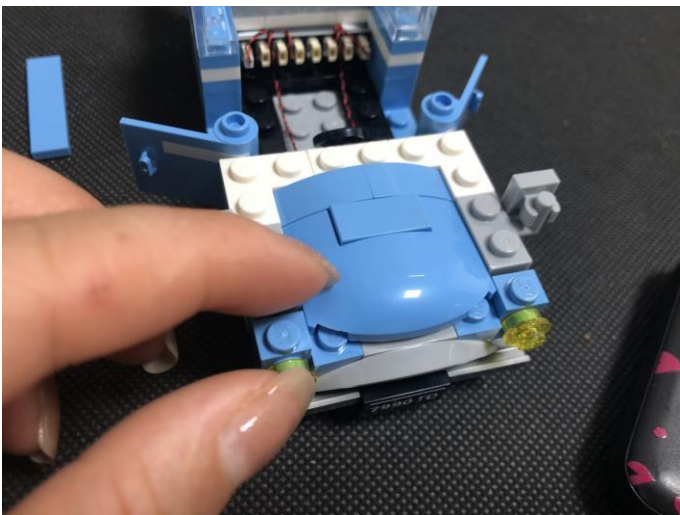
**12.**Take an 8-port expansion board, connect the connecting cables to it.



**13.** Tuck excess cables, stick the expansion board to the following place with adhesive squares.



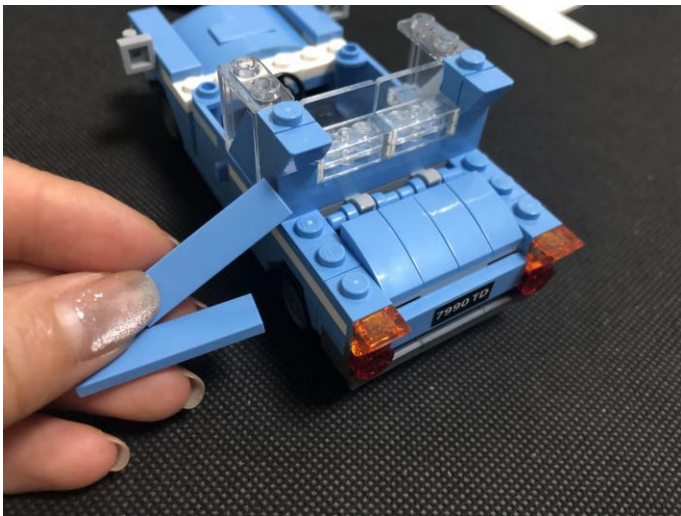
**14.** Reconnect the bonnet.



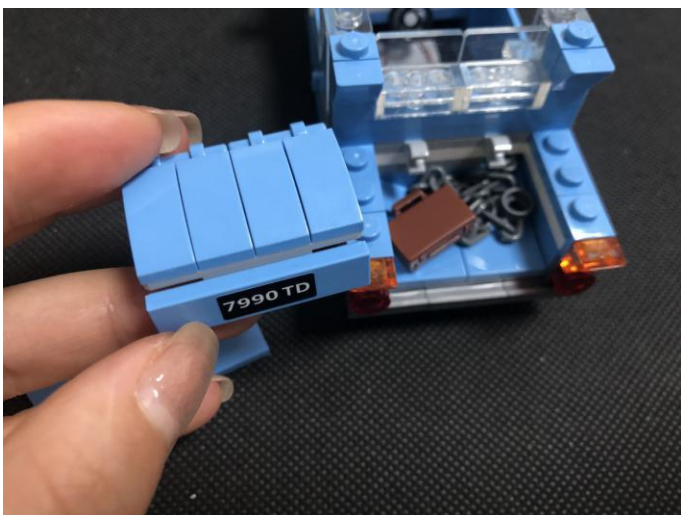
**15.** Move onto installing the taillights.



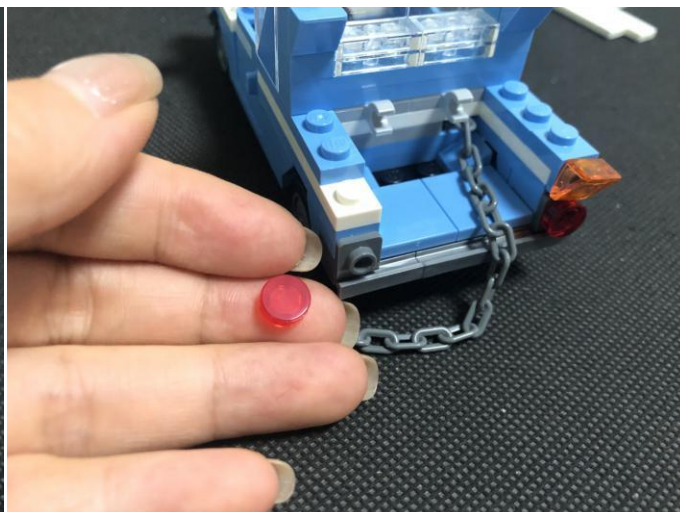
**16.** Remove the following two 1x3 blue plates as per below.



**17.** Remove the lid of the trunk as per below.



**18.** Disconnect the taillight.



**19.** Take a warm white 15cm dot light, a trans red 1x1 round plate.



## Tips

The plate without slit:

### **The plate without slit:**

The squeeze causes the protective layer of the wire to be torn apart, the positive and negative wires touch together, and the set is short-circuited and the hot or wire is crushed, the wire to be disconnected and don't work.



The plate with slit:

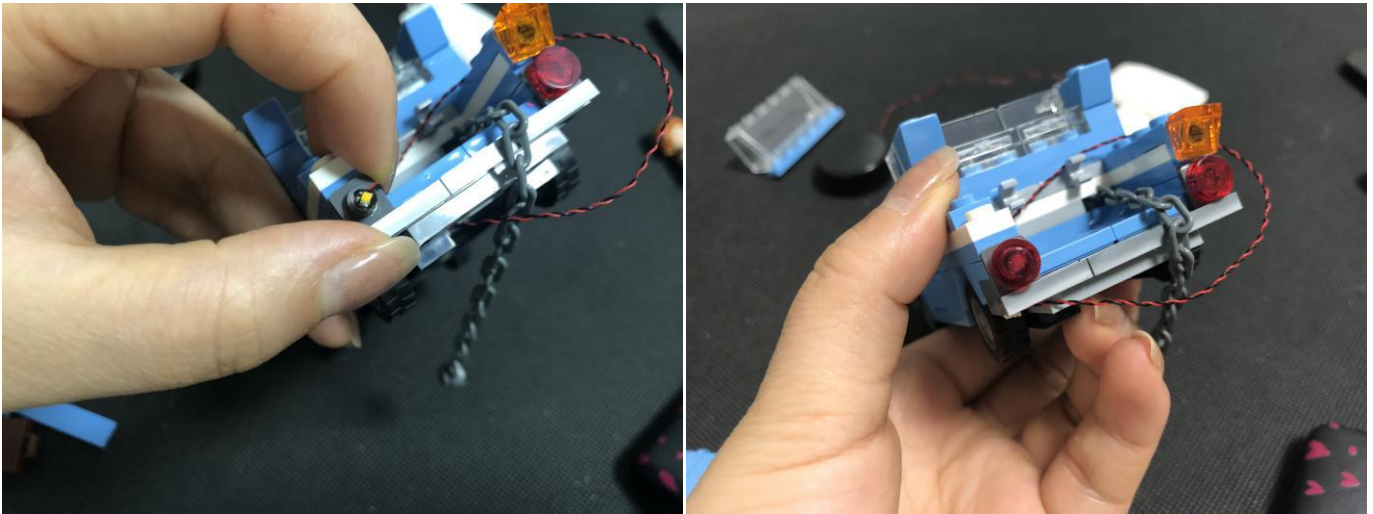
### **The plate with slit:**

The wire has enough space to avoid being squeezed endowed with longer service life and more stable effect.

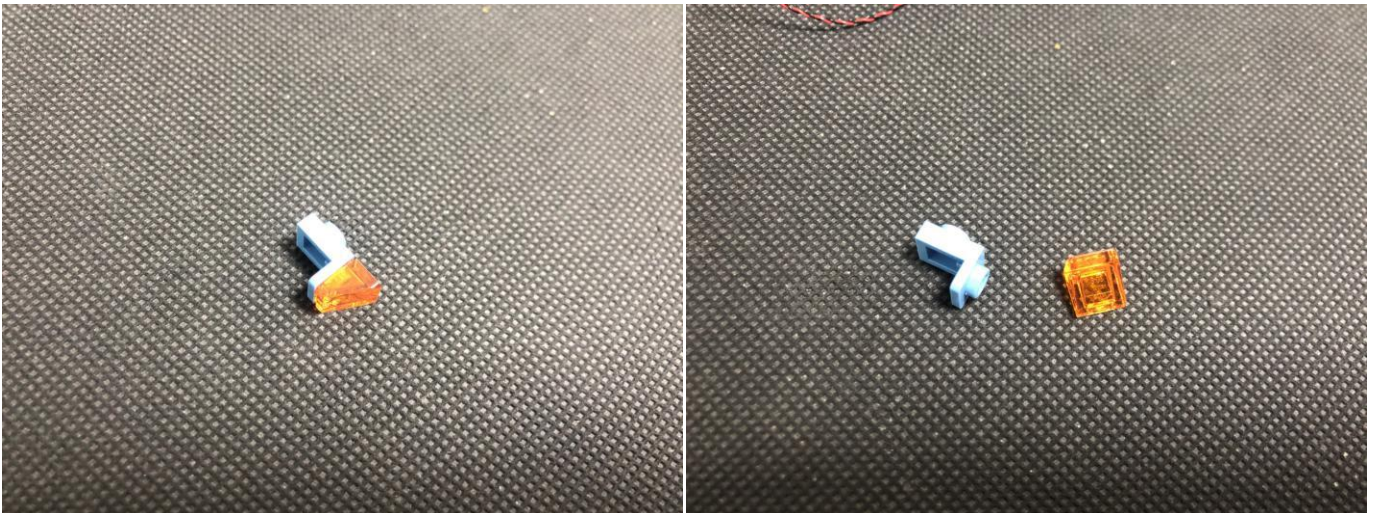


The slit on the the plate round 1X1 are hand-made to avoid squeeze the wire and cause short circuit and abnormal heat during installation.

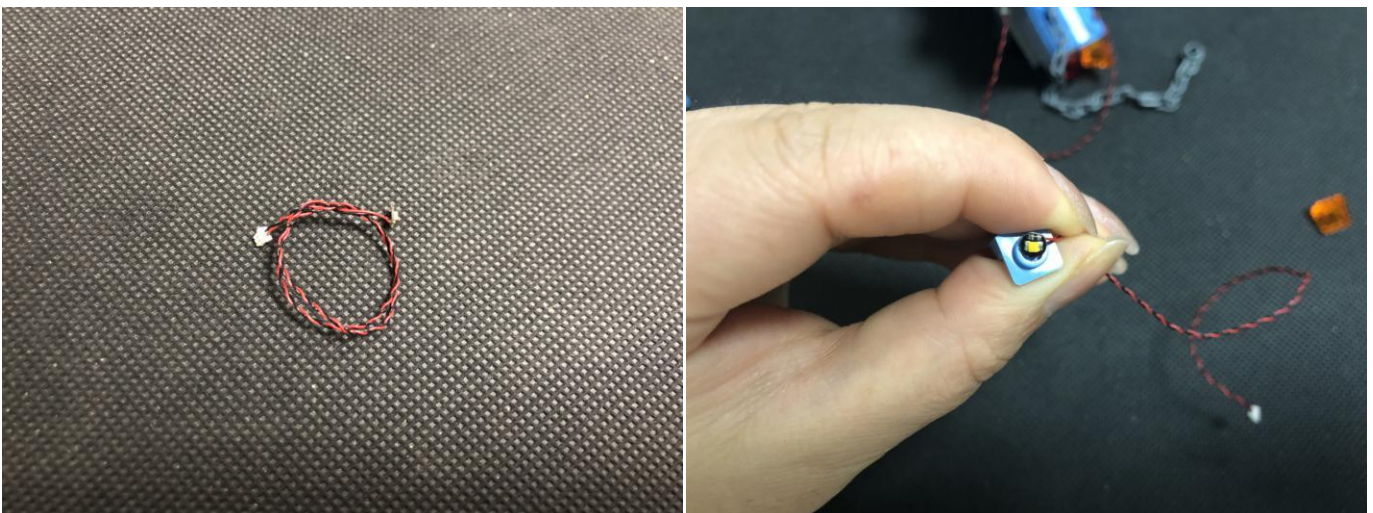
**20.**With lighting part facing up, place the light over the gray stud, secure the light with the trans red 1x1 round plate.



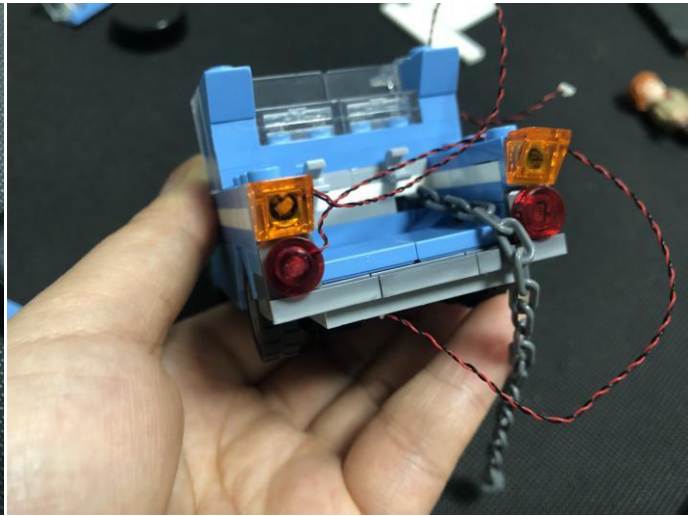
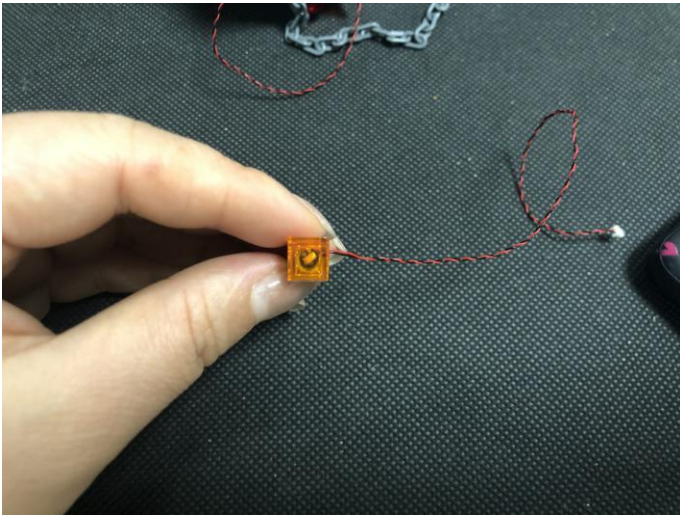
**21.**Disconnect the orange piece as per below.



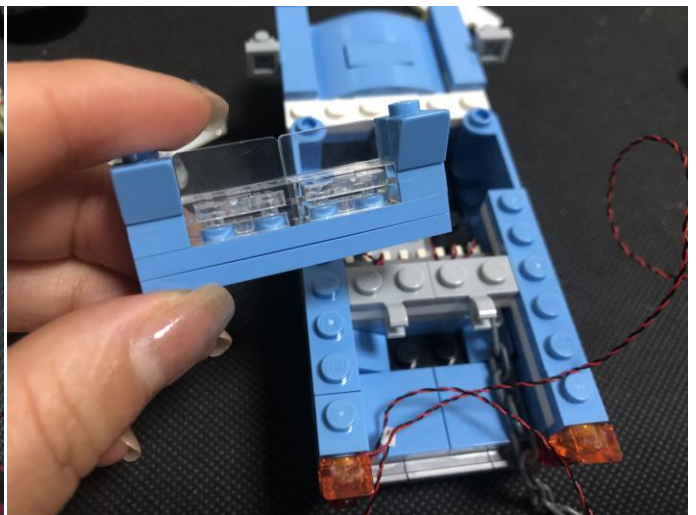
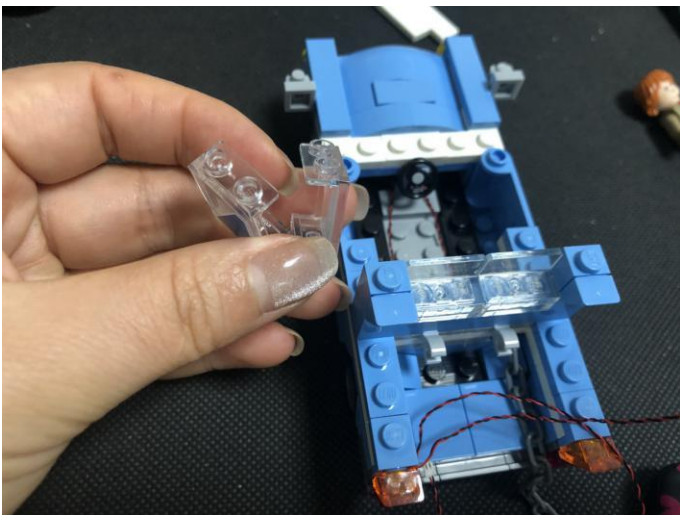
**22.**Take a warm white 15cm dot light, place the light over the following blue stud.



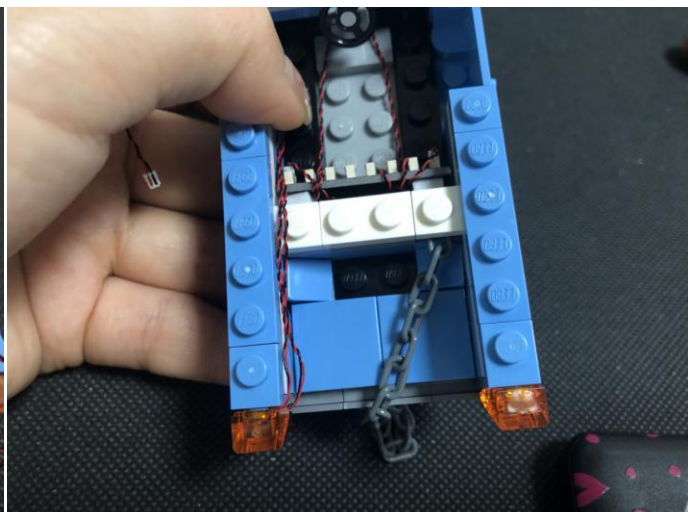
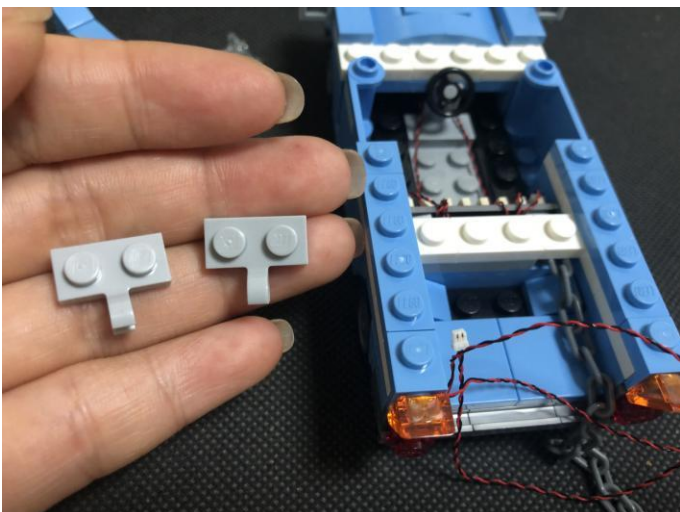
**23.** Secure the light with the trans orange piece, reconnect the light.



**24.** Remove the following pieces from the back seats area as per below.

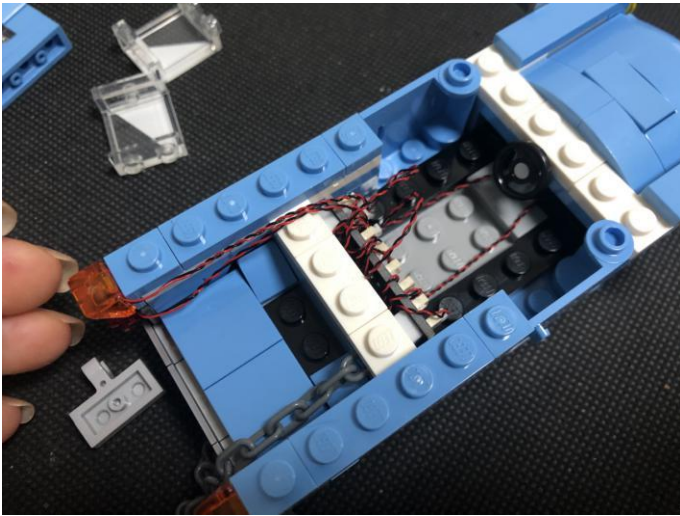


**25.** Remove the following 2 light gray plates, pull the cables toward the driver's room.

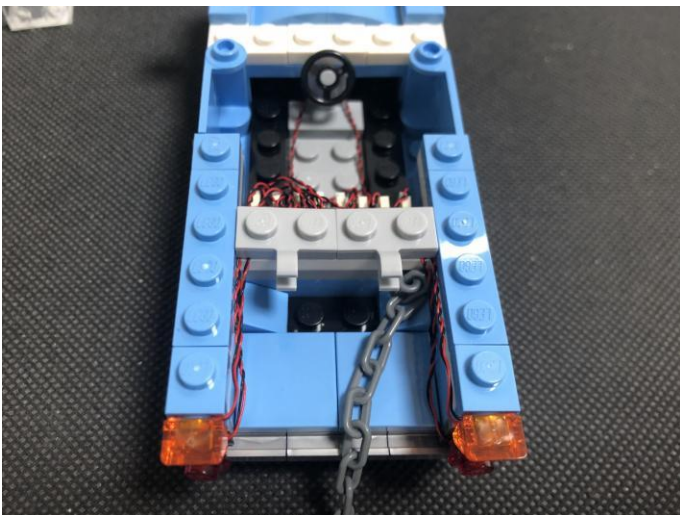




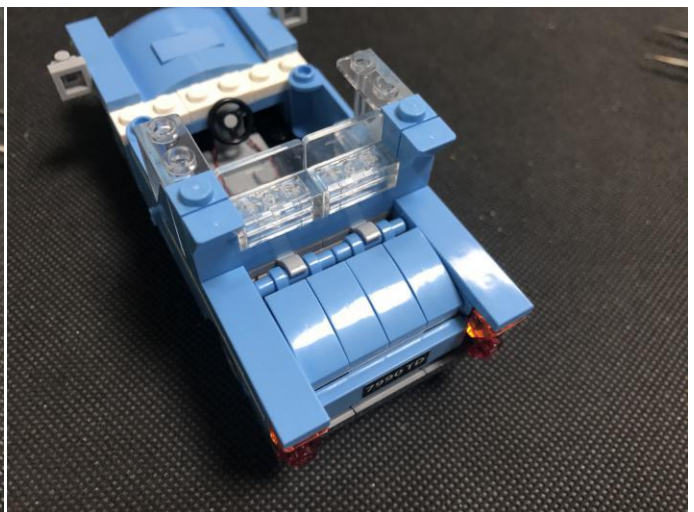
**26.** Connect the cables to the expansion board as per below.



**27.** Take two warm white 15cm dot lights, a trans red 1x1 round plate, repeat the steps above to install the taillights at the other side. Reconnect the gray pieces to secure the cables as per below.



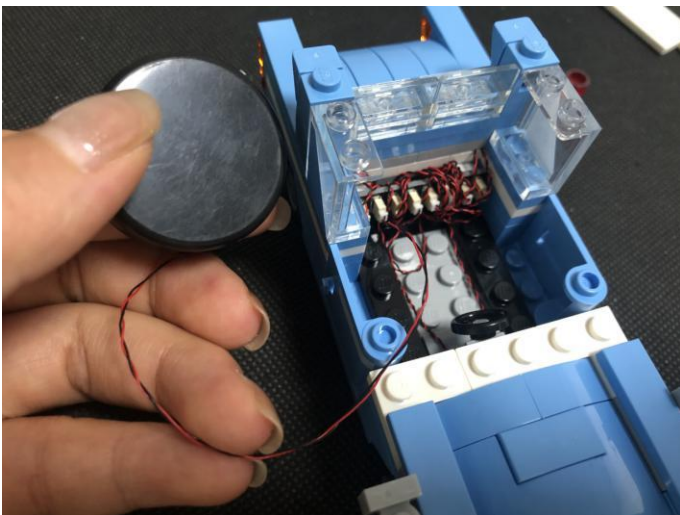
**28.** Reconnect the following pieces.



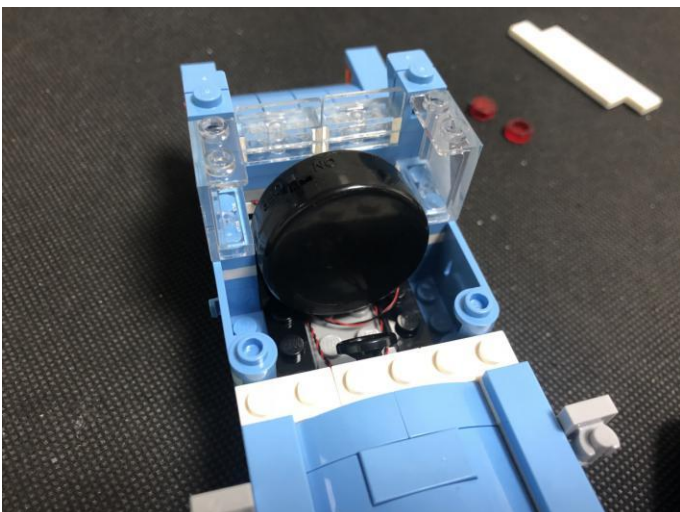
**29.** Take the Round Coin Cell Battery Pack.



**30.** Connect it to the expansion board as per below.



**31.** Tuck excess cable, place the Round Coin Cell Battery Pack at the following place.



**32.**Reconnect the pieces we removed before.



**33.**Continue to install lights for the house. Remove the second floor as per below.



**34.**Start from installing the lamp at the door, remove it and disassemble it.



**35**



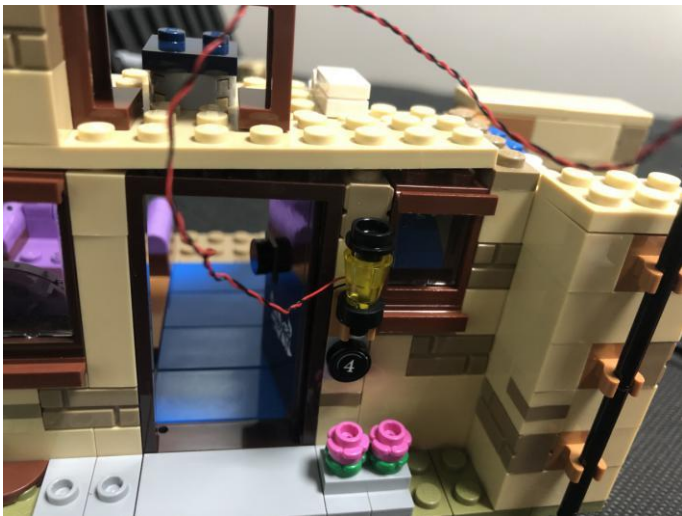
**36.** Take a warm white 15cm dot light, place the dot light to the following place.



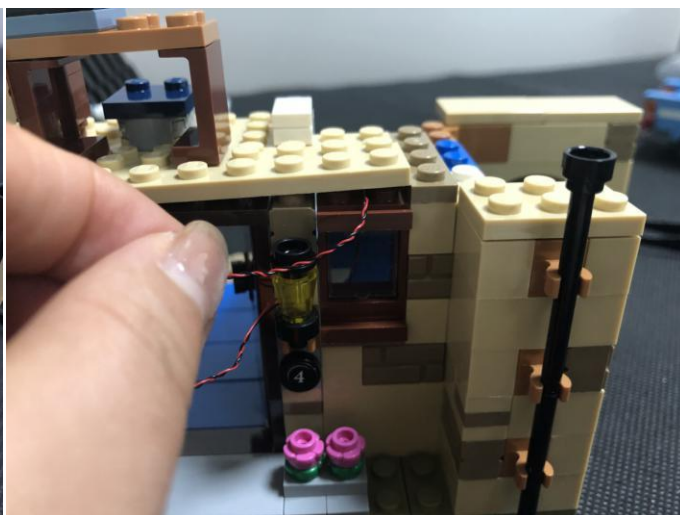
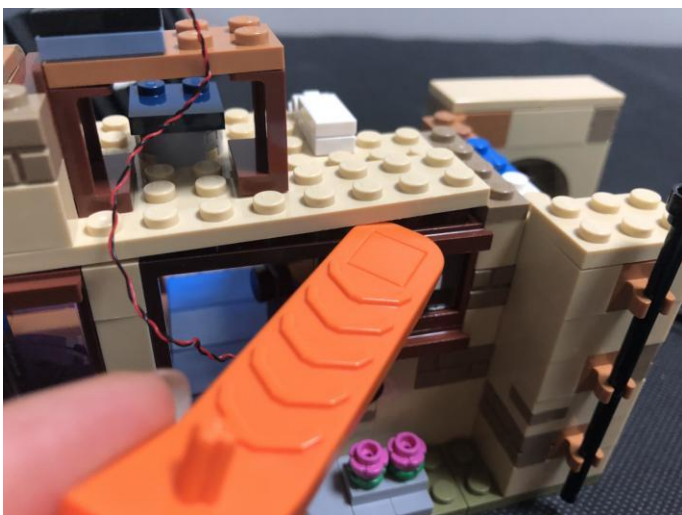
**37.** Reconnect the lamp shade to secure the light as per below.



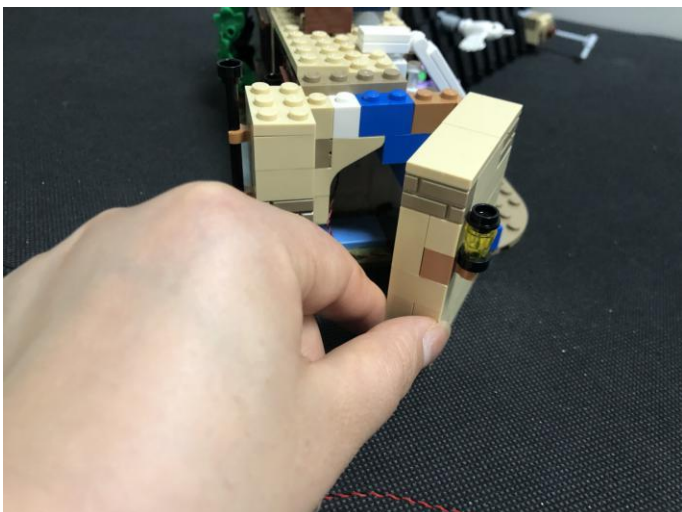
**38.**Reconnect the lamp back on the wall.



**39.**Lift the floor as per below, thread the cable through the gap.



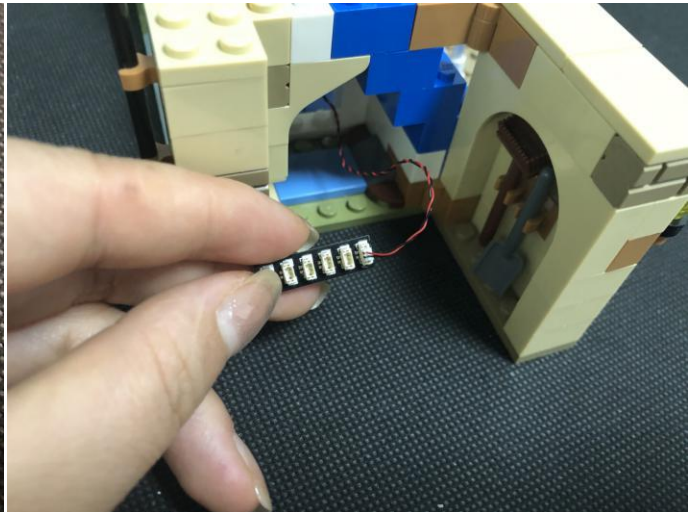
**40.**Open the side door, pull the cable out as per below.



## 41. Reconnect the floor.



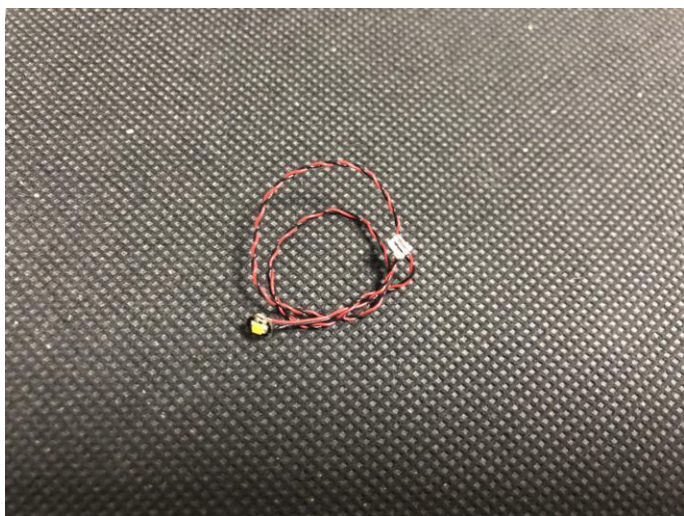
## 42. Take a 6-port expansion board, connect the cable of the light to it.



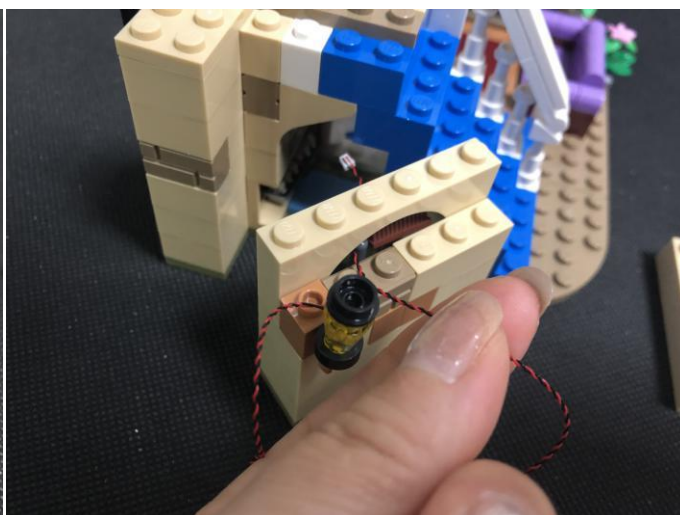
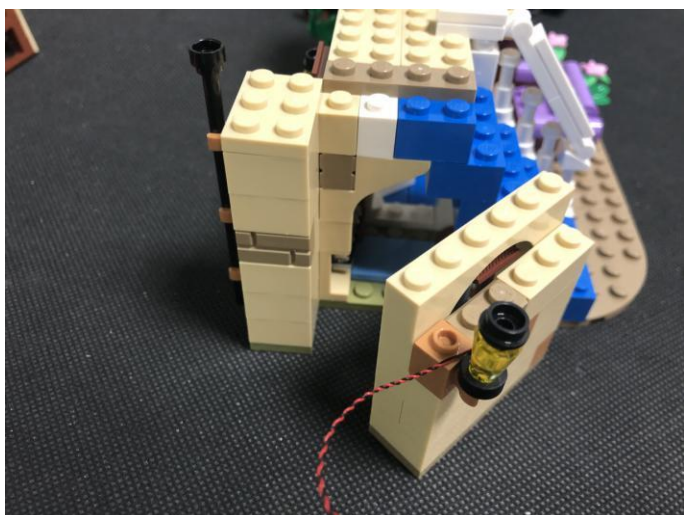
## 43. Tuck excess cable, stick the expansion board to the tail of the bed with adhesive squares as per below.



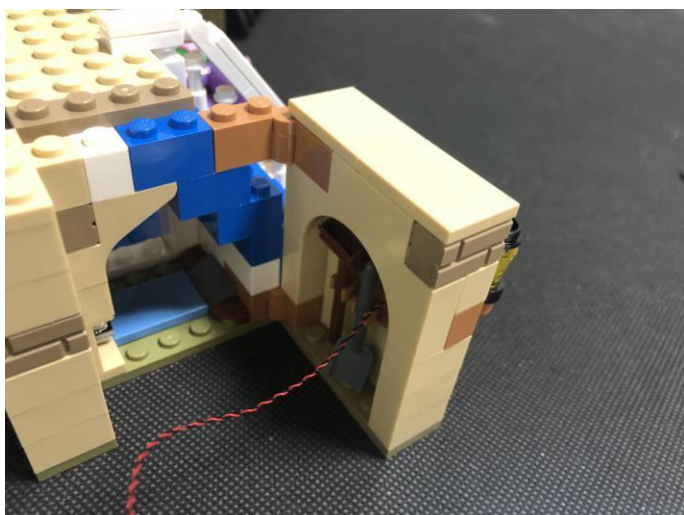
**44.** Take a warm white 15cm dot light, repeat the steps to install the following wall lamp.



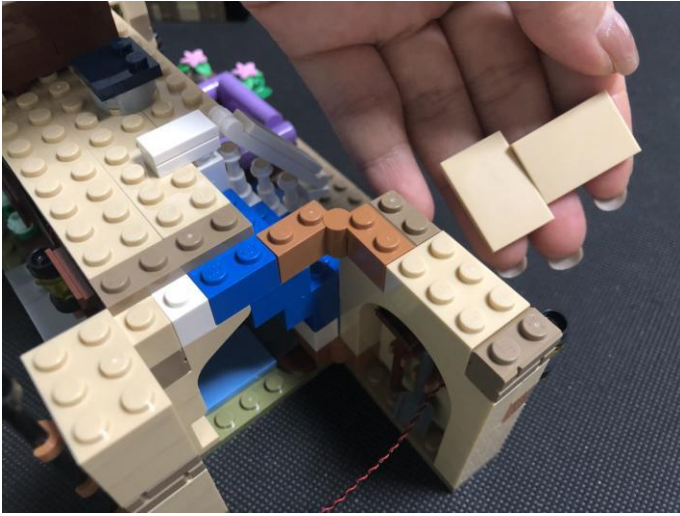
**45.** Remove the wall over the lamp, thread the cable through the following space to the inside.



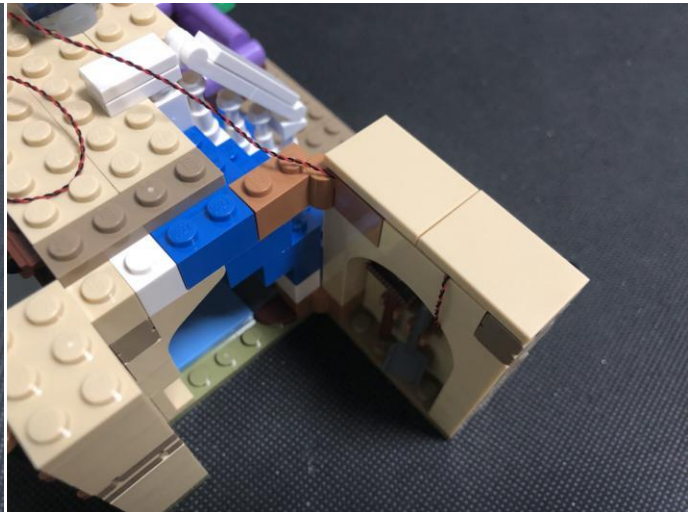
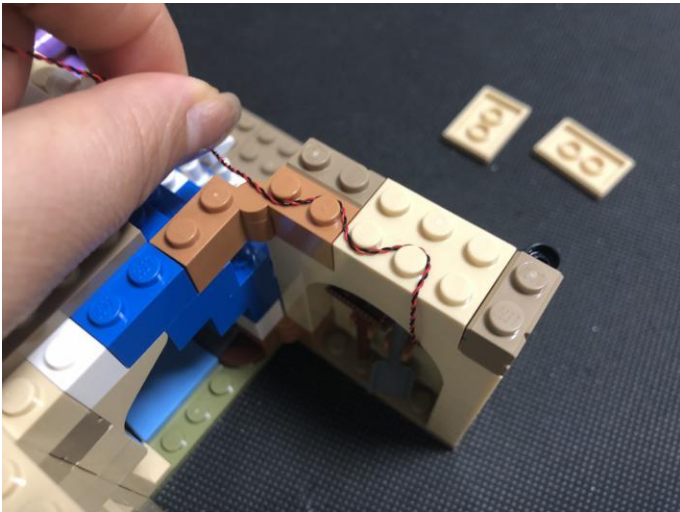
**46.** Reconnect the wall.



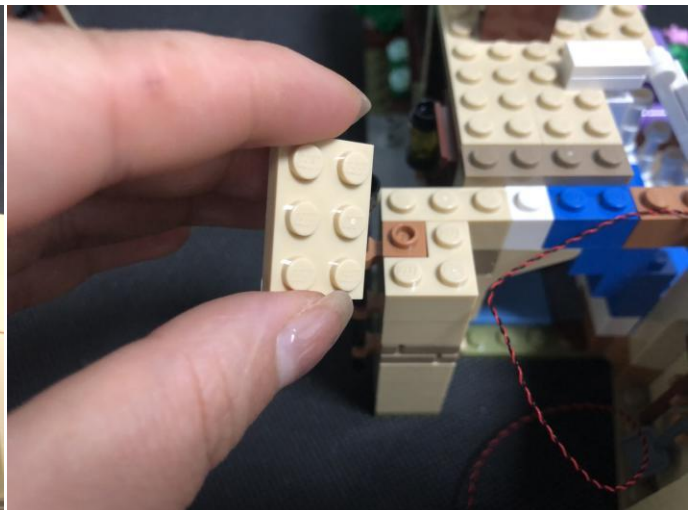
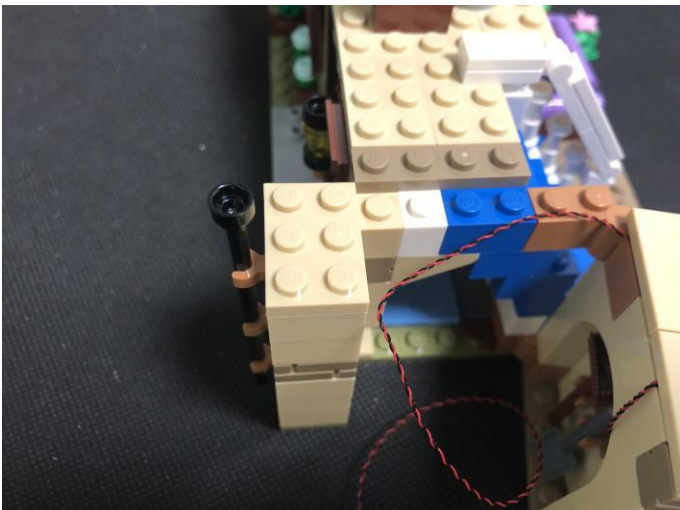
**47.** Disconnect the following two 2x3 plates.



**48.** Place the cable in "S" line as per below, reconnect the plates to secure the cable.

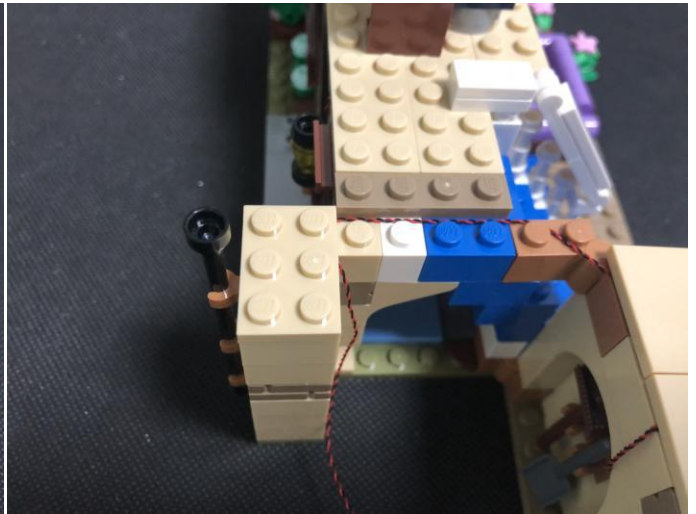
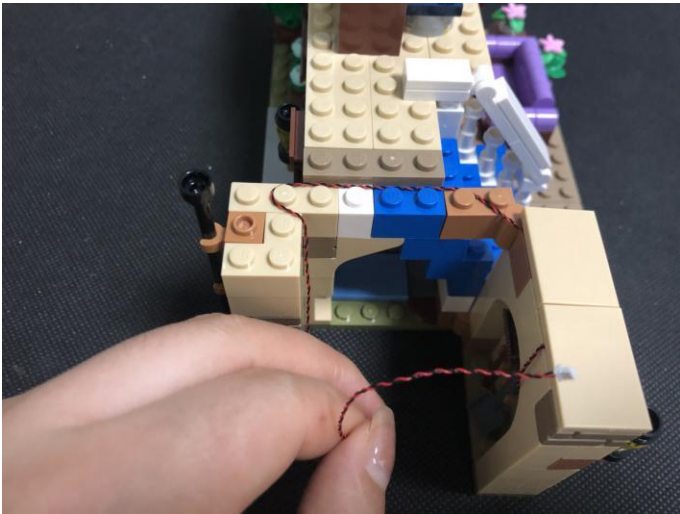


**49.** Remove the following 2x3 plate.

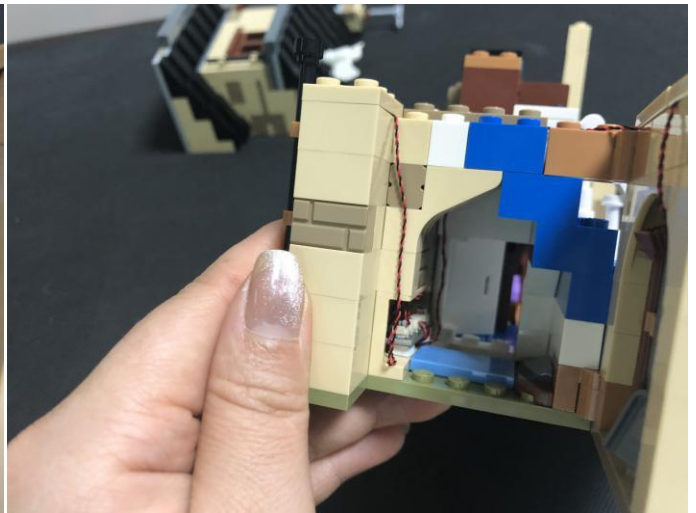
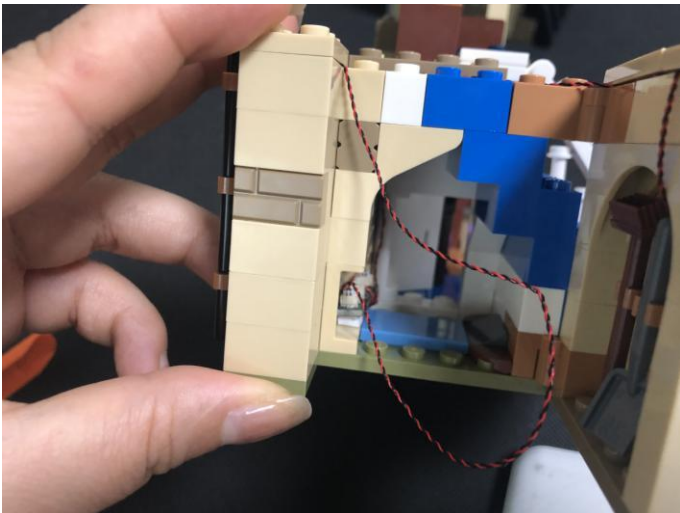




**50.** Wind the cable half around the following stud, reconnect the 2x3 plate to secure the cable.



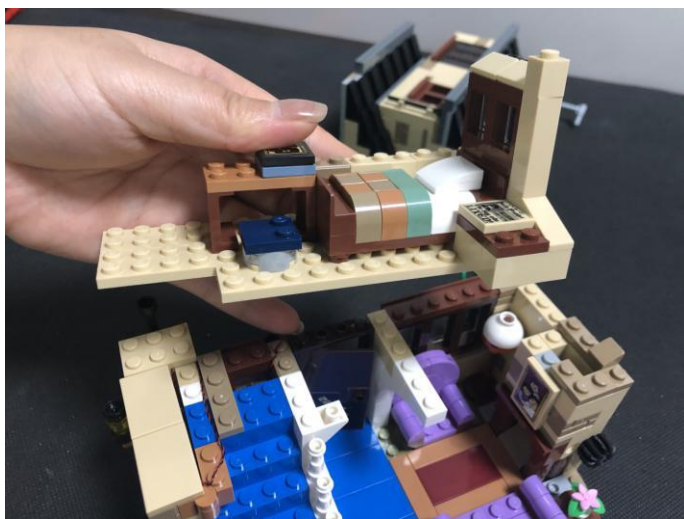
**51.** Connect the cable to the expansion board, tuck excess cable as per below.



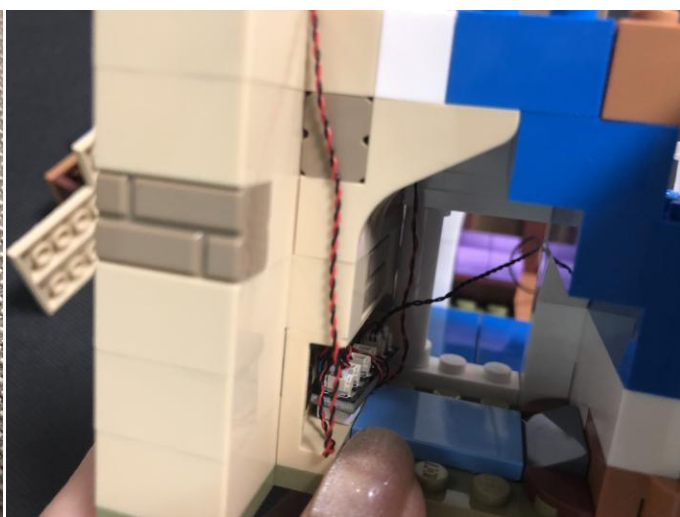
**52.** Remove the handrail as per below.



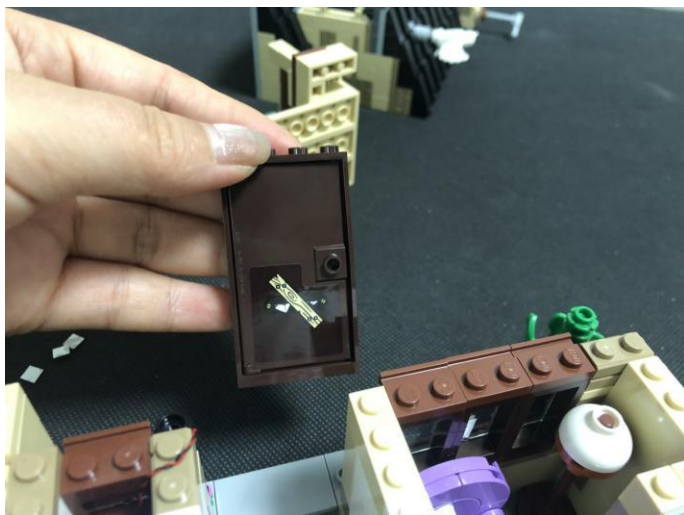
**53.** Remove the second floor.



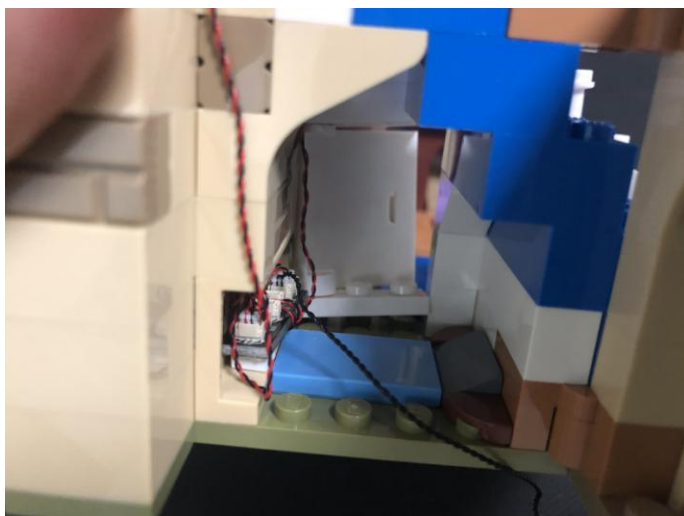
**54.** Take a 15cm connecting cable, connect it to the expansion board.



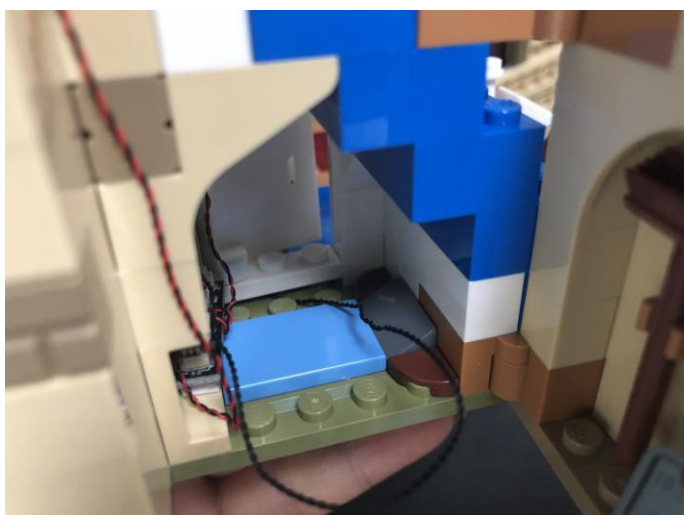
**55.** Remove the gate, and the first blue brick as per below.



**56.** Lift the following piece as per below.



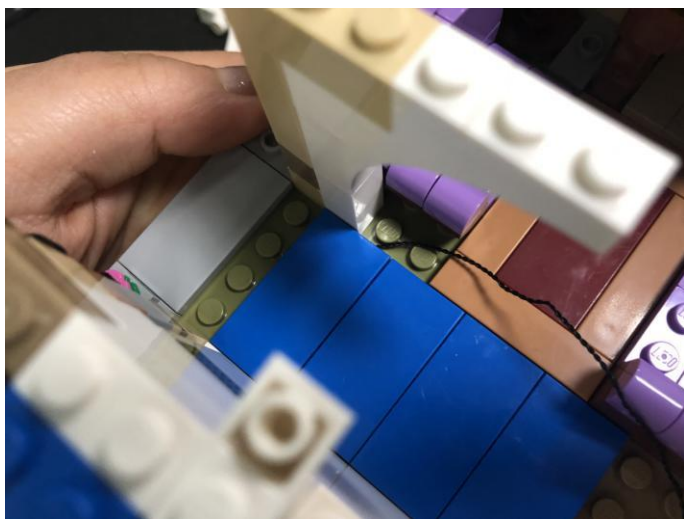
**57.** Thread the connecting cable through the space to the gate.



**58.** Reconnect the piece we lifted before.



**59.** Secure the cable with the blue brick we removed before as per below.



**60.** Remove the sofa, thread the cable underneath as per below.



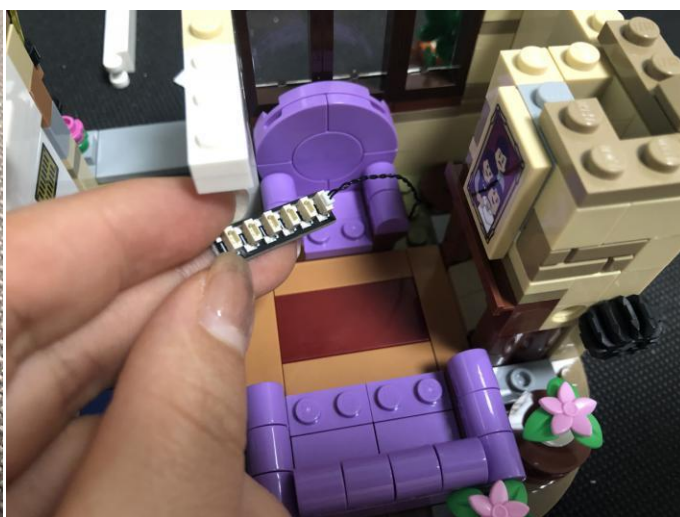
**61.** Reconnect the sofa to secure the cable.



**62.** Remove the following lamp.



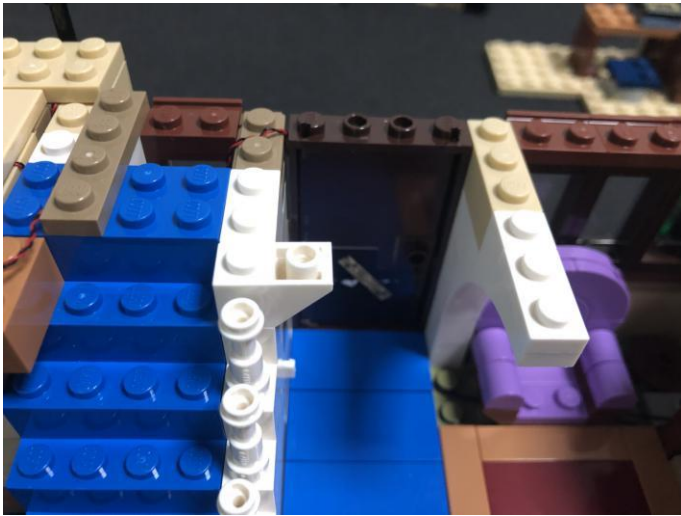
**63.** Take a 6-port expansion board, connect the connecting cable to it.



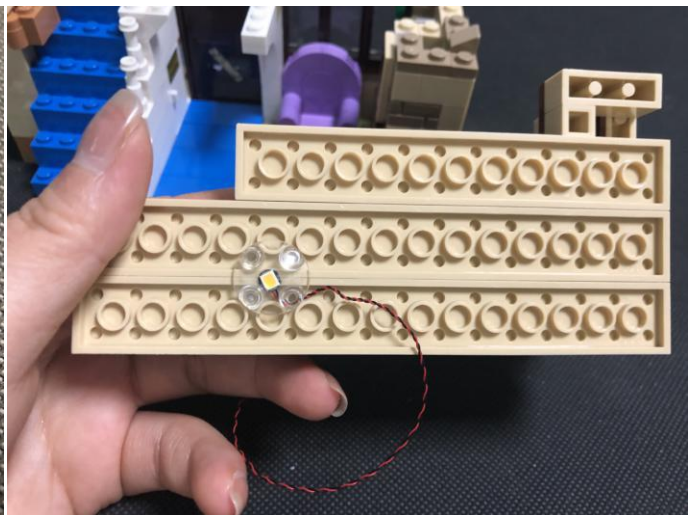
**64.** Stick the expansion board to the following place with adhesive squares.



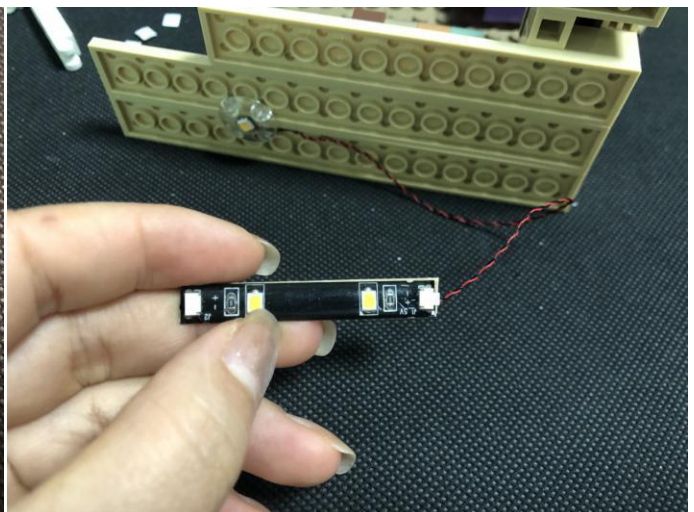
**65.**Reconnect the gate.



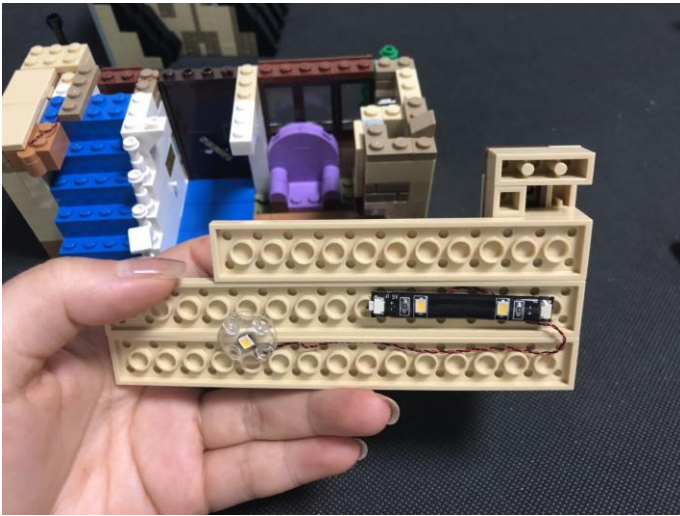
**66.**Take the 15cm headlight, a 2x2 round plate, secure the light underneath the second floor as per below.



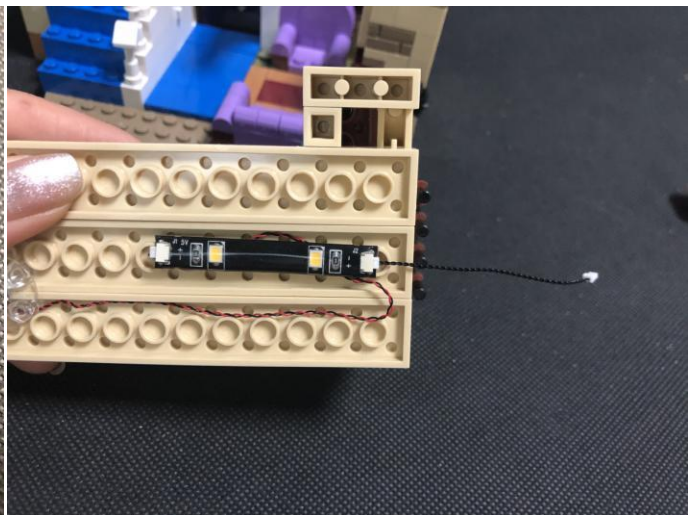
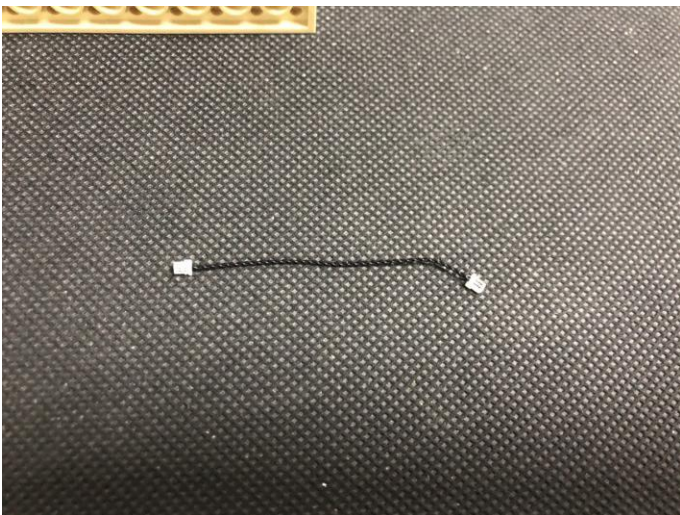
**67.**Take a warm white strip light, connect the connecting cable from the headlight to the strip light as per below.



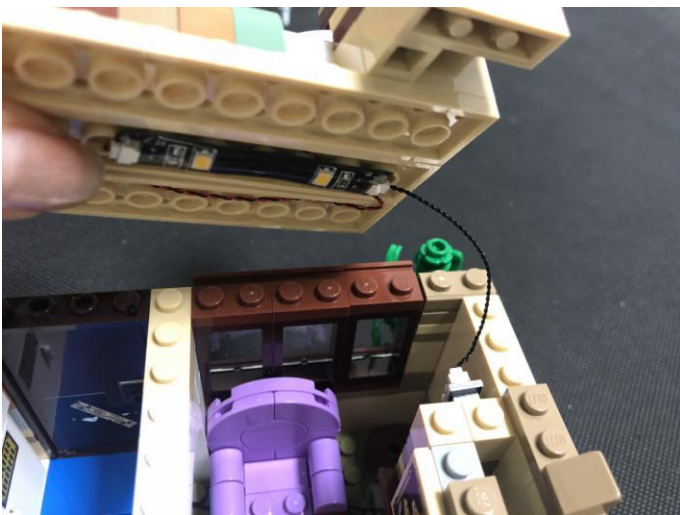
**68.** Stick the strip light to the following place.



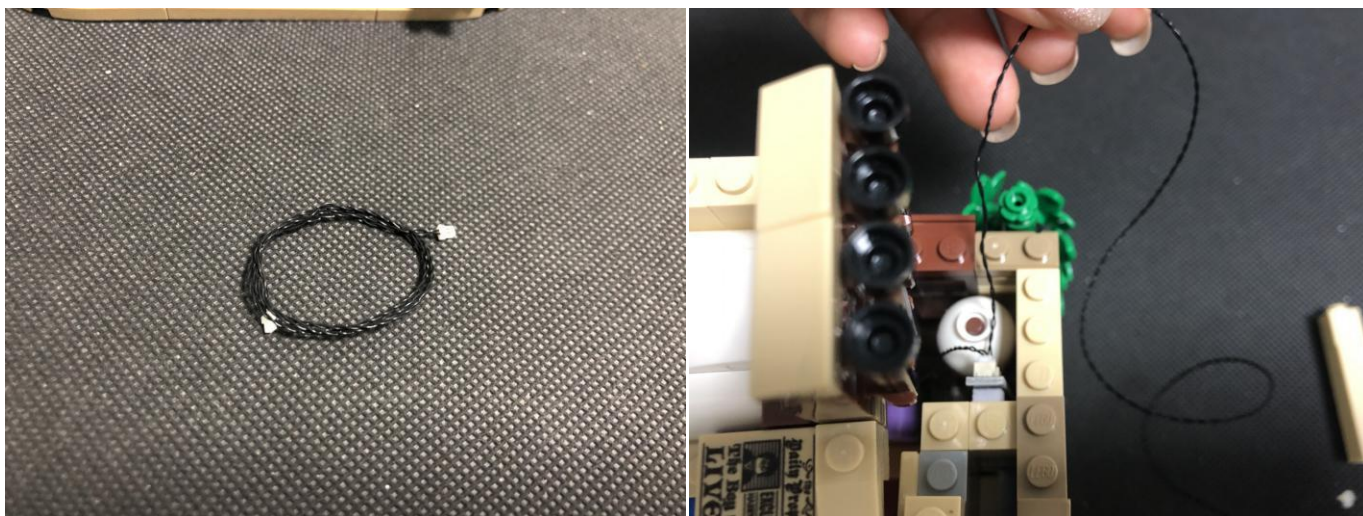
**69.** Take a 5cm connecting cable, connect it to the strip light as per below.



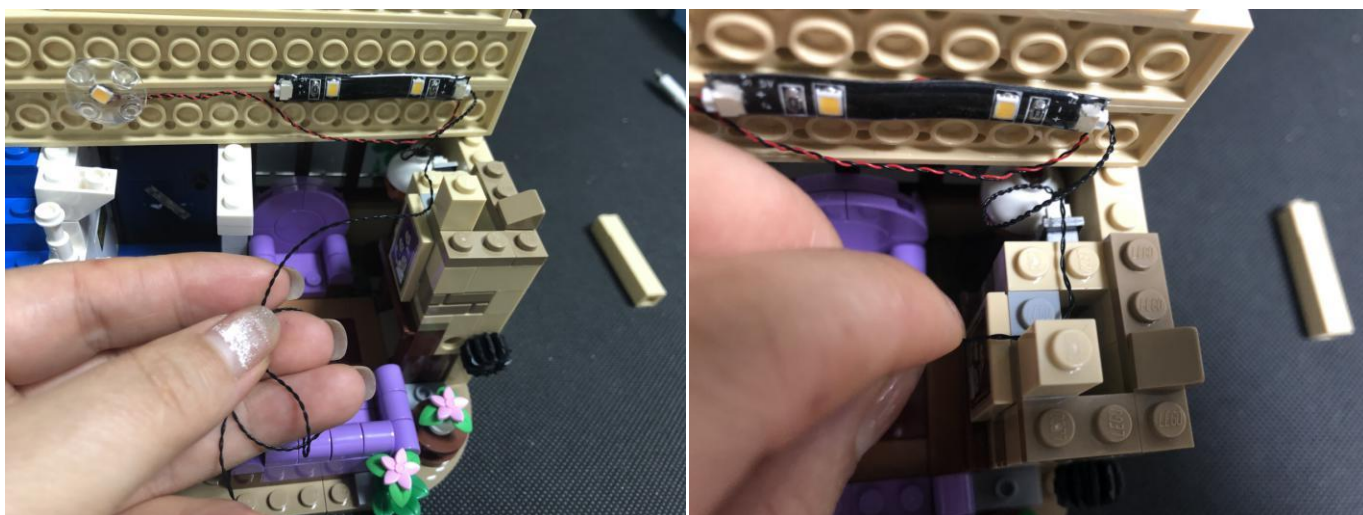
**70.** Connect the other end of the connecting cable to the expansion board, reconnect the lamp as per below.



**71.** Take a 30cm connecting cable, connect it to the expansion board.



**72.** Pull the other end of the 30cm connecting cable inside, and wind it half around the following gray stud over the frame as per below.

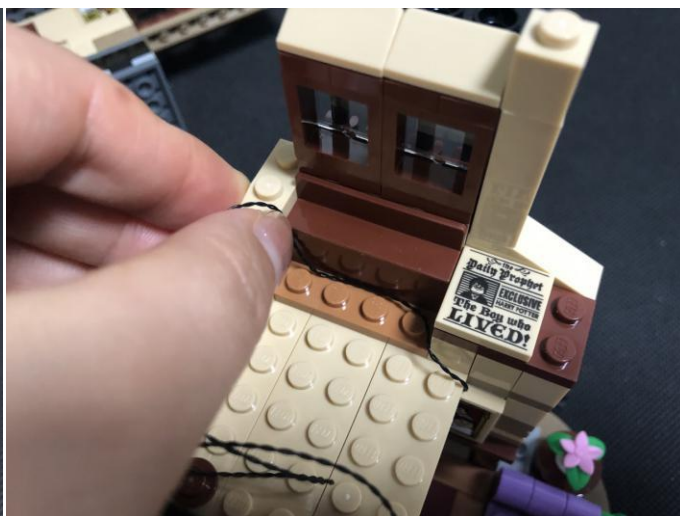


**73.** Reconnect the roof to secure the connecting cable.

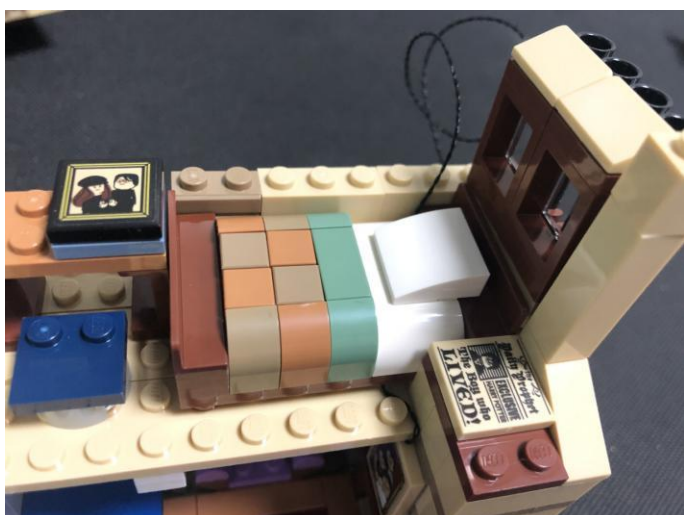




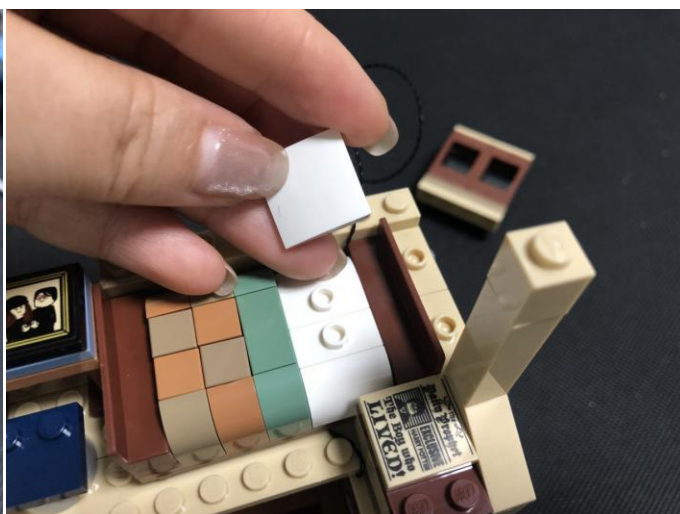
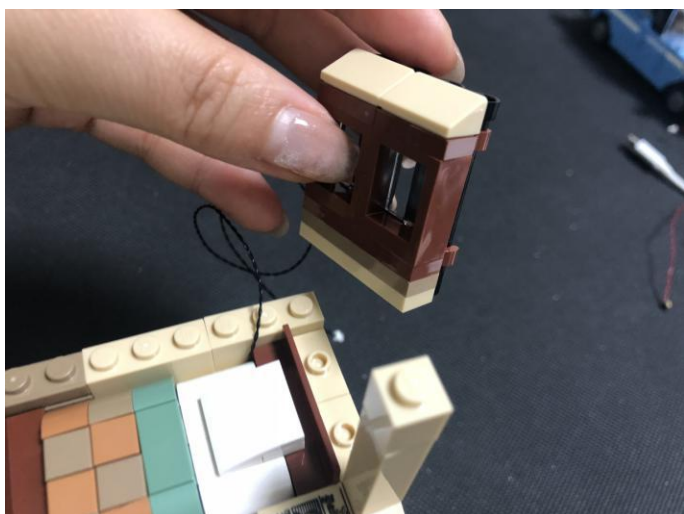
**74.** Remove the bed, place the connecting cable as per below.



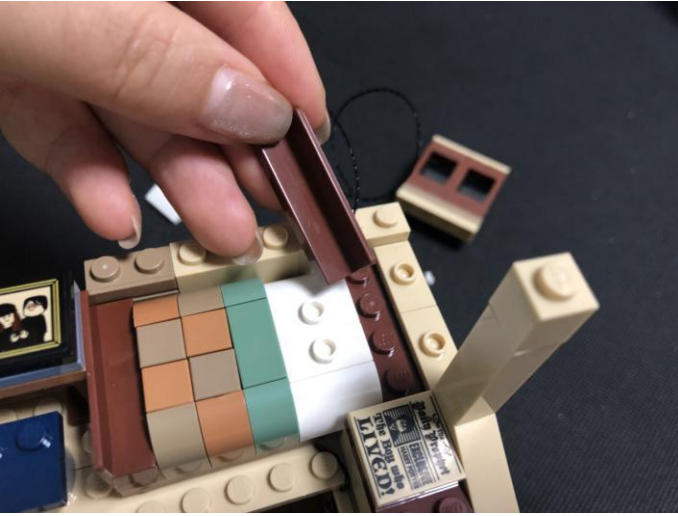
**75.** Reconnect the bed to secure the cable.



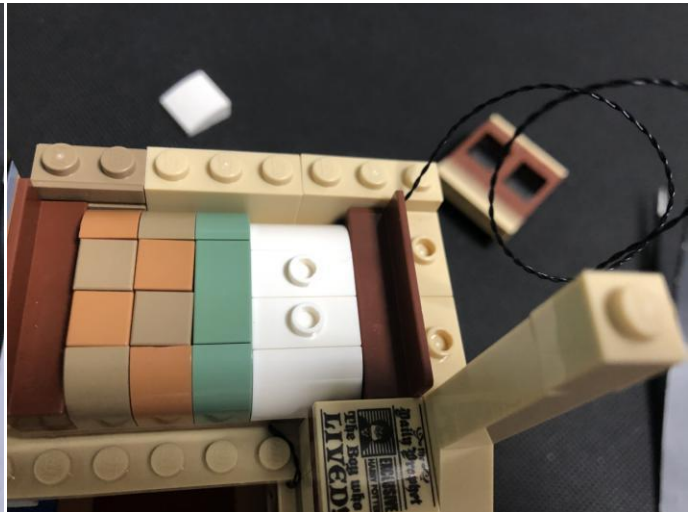
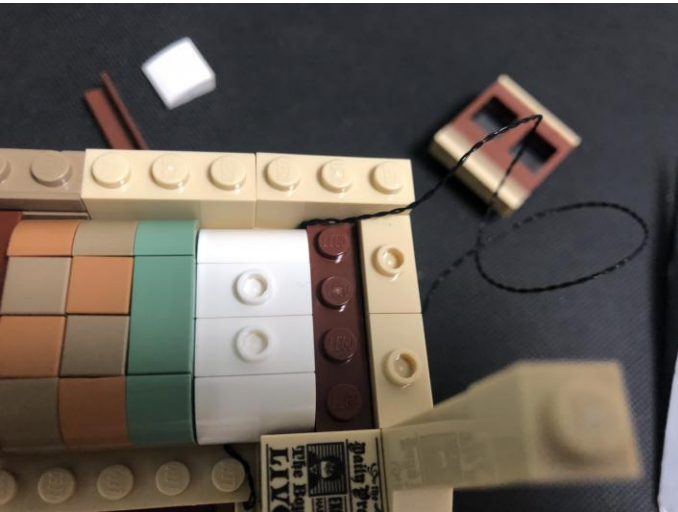
**76.** Remove the window, the pillow and the headboard.



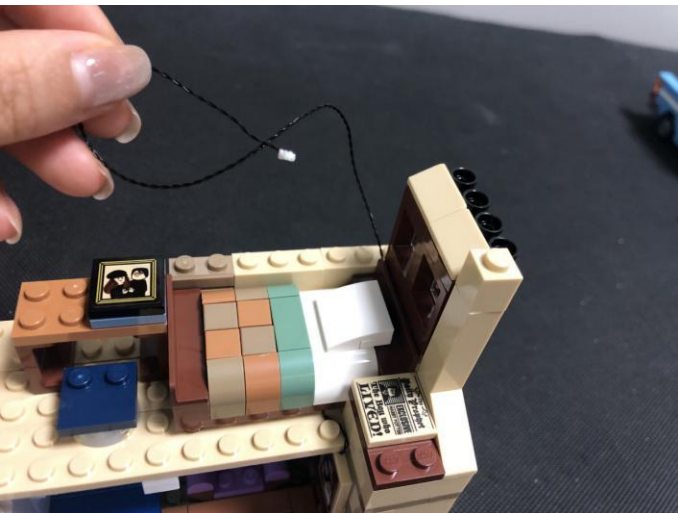
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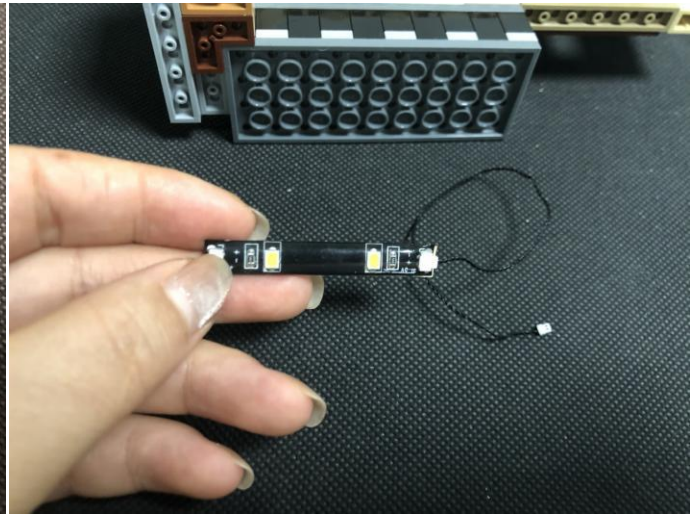
78. Pull the cable to the corner, reconnect the headboard to secure the cable.



79. Reconnect the pillow and the window as per below.



**80.** Take a warm white strip light, a 15cm connecting cable, connect the connecting cable to the strip light.



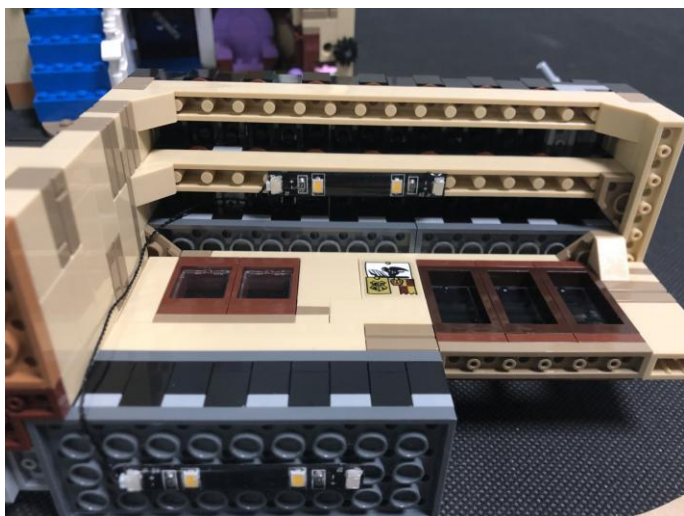
**81.** Stick the strip light to the following place.



**82.** Take a warm white strip light, connect the other end of the connecting cable to it.



**83.** Stick the strip light underneath the second floor as per below.



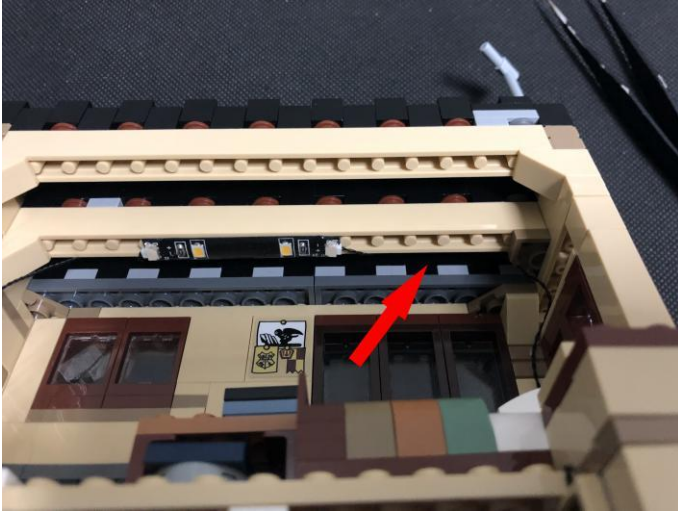
**84.** Connect the connecting cable beside the bed to the spare port on the strip light at the second floor as per below.



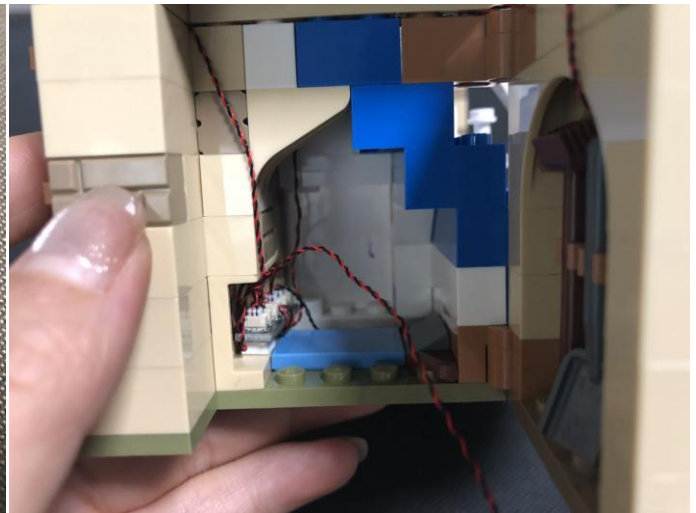
**85.** Reconnect the second floor and the handrail.



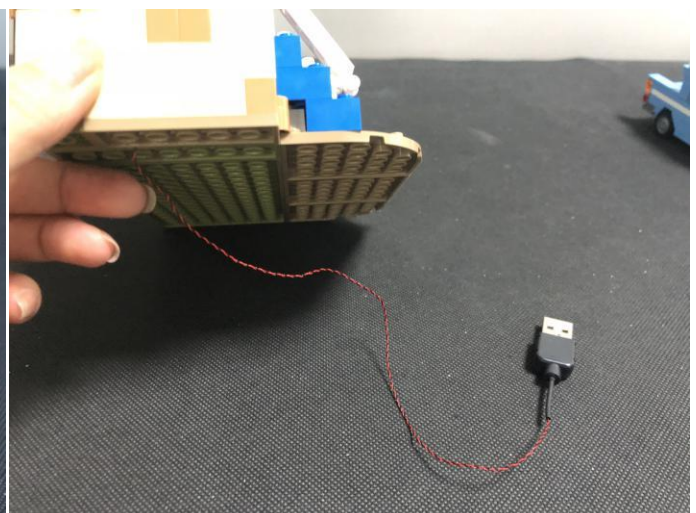
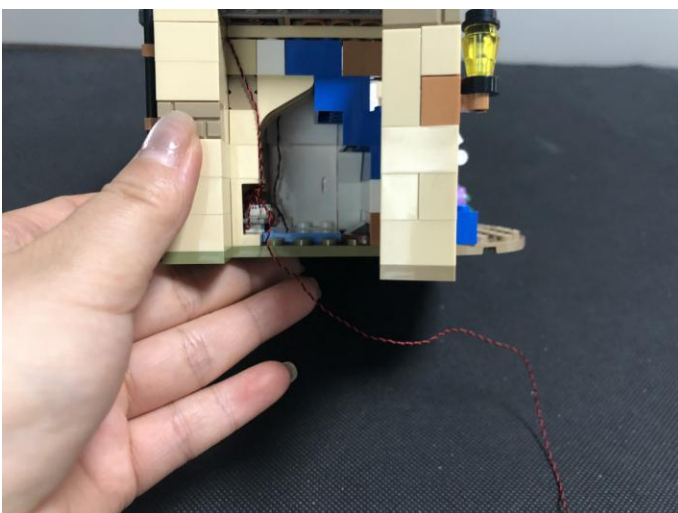
**86.** Tuck excess cable beside the bed (you can hide them inside the following space) as per below.



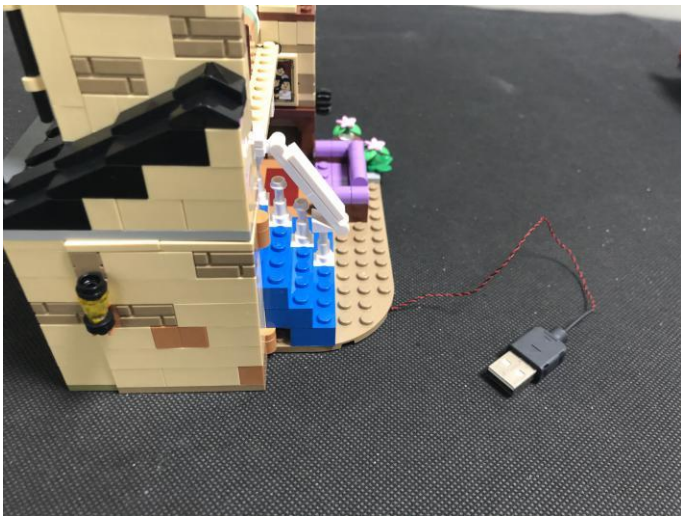
**87.** Take the USB power cable, connect it to the following expansion board.



**88.** Pull the cable out from the bottom and place it behind the house.



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

