

# 75954 Hogwarts Great Hall P10601

- P10601 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 “75954 P10601”.
- 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 11 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	1
Bit Lights-15CM-Blue	Bit Lights-15CM-Blue	1
LED Strip Lights-Warm White	LED Strip Lights-Warm White	3
Expansion Board	6 Socket Expansion Board	1
USB Power Cable	USB Power Cable-30CM	1
Connecting Cables-5CM	Connecting Cables-5CM	1
Connecting Cables-15CM	Connecting Cables-15CM	1
Connecting Cables-30CM	Connecting Cables-30CM	1
Bit Lights-30CM-Pink	Bit Lights-30CM-Pink	1
Multi-Colour Lights 30CM	Multi-Colour Lights 30CM	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.



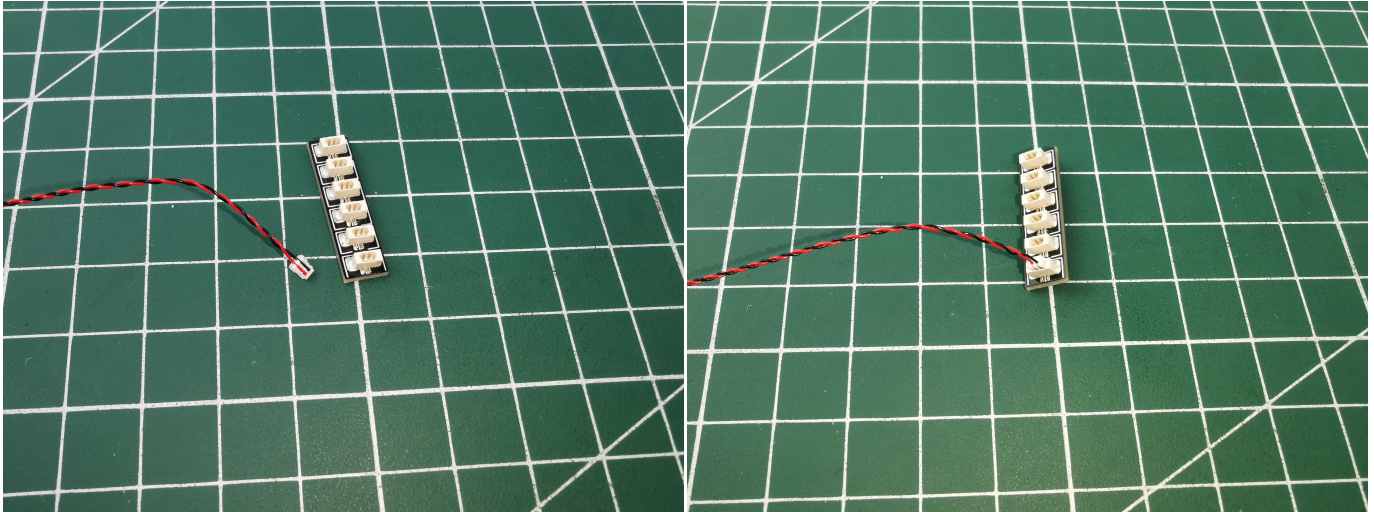
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

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.

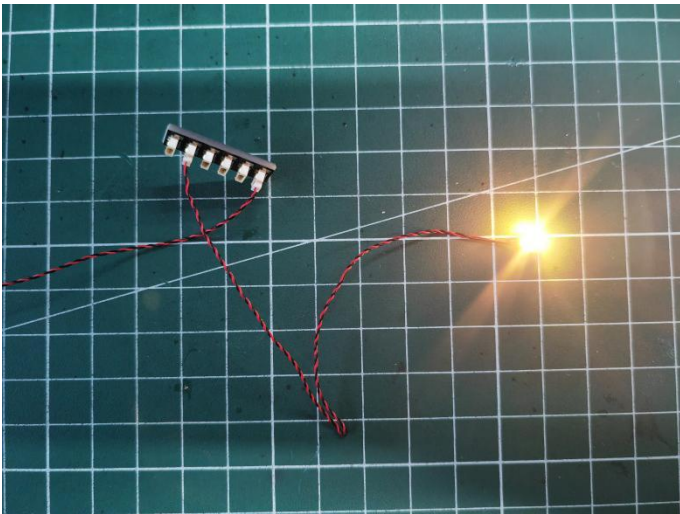
USB connectors to connect devices



**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.**



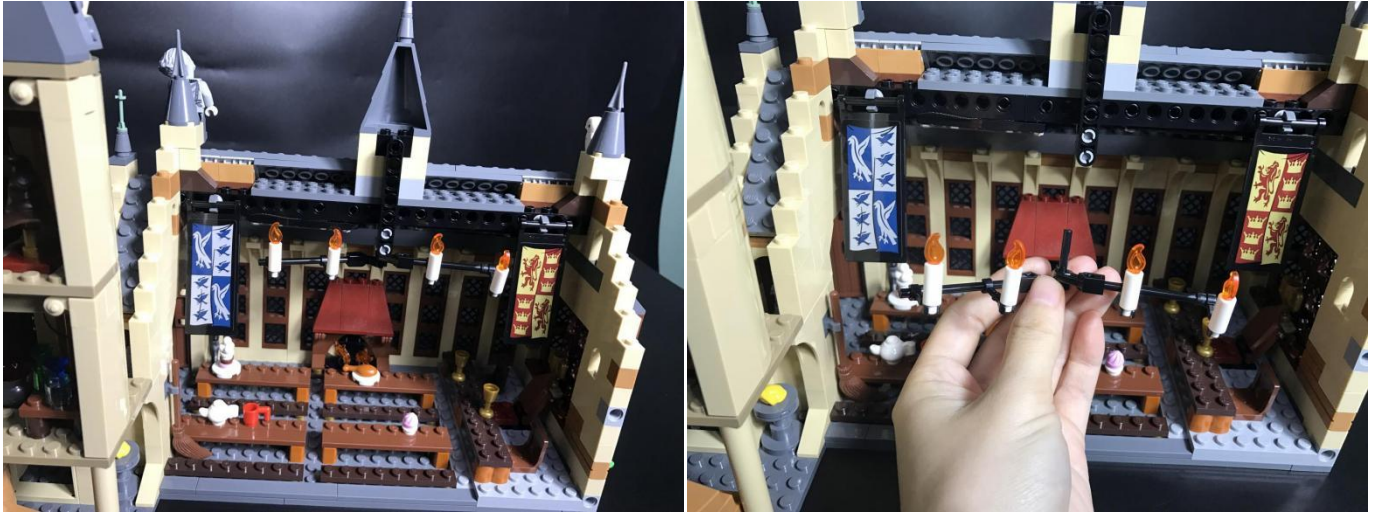
**Test each lamp according to this method. It should be noted that after the test, the lamp must be returned to the corresponding bag to avoid confusion of types.**



**The components needs to be tested in this set is 1\*Bit Lights-15CM-Blue,3\*LED Strip Lights-Warm White,1\*Bit Lights-30CM-Pink,1\*Multi-Colour Lights 30CM.  
Please contact us immediately if any components don't work.**

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

**1.** Start from installing the lights inside the house. Remove the chandelier first.



**2.** Take two white strip lights, two 1x6 black base plates, one 5cm connecting cables, one 15cm connecting cables.

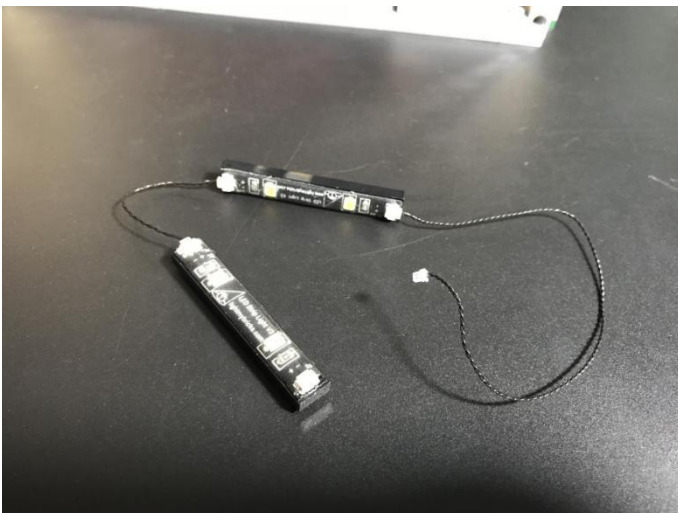




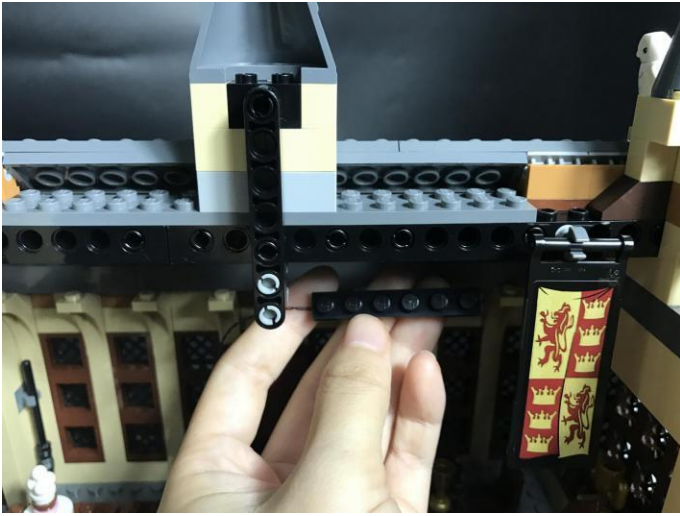
**3. Uncover the adhesive at the back of the strips and stick them to the base plates.**



**4. Connect the strips to the connecting cables as per below.**



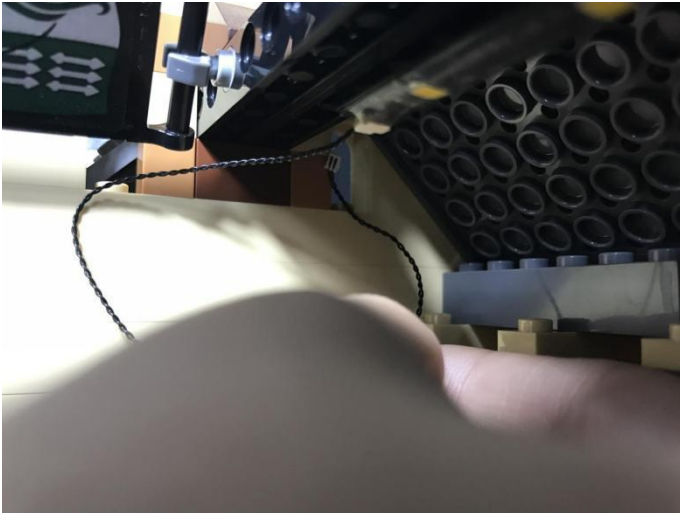
**5.** Place the two strips under the black beams of the roof one by one, ensure the side which is supposed to insert to the expansion board is facing to the left.



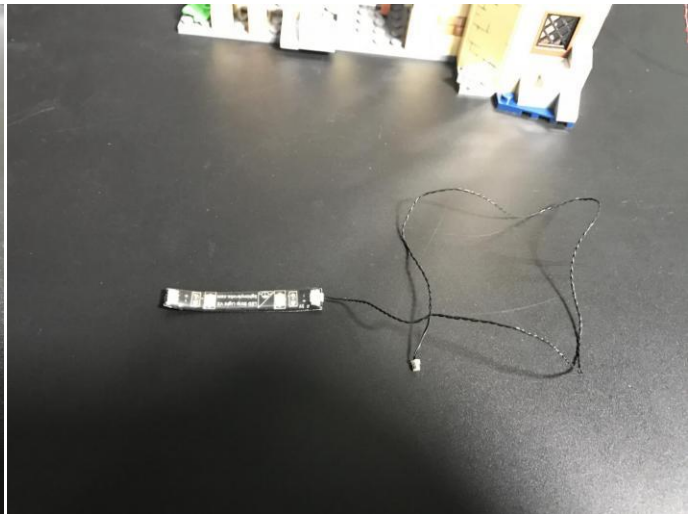
**6**



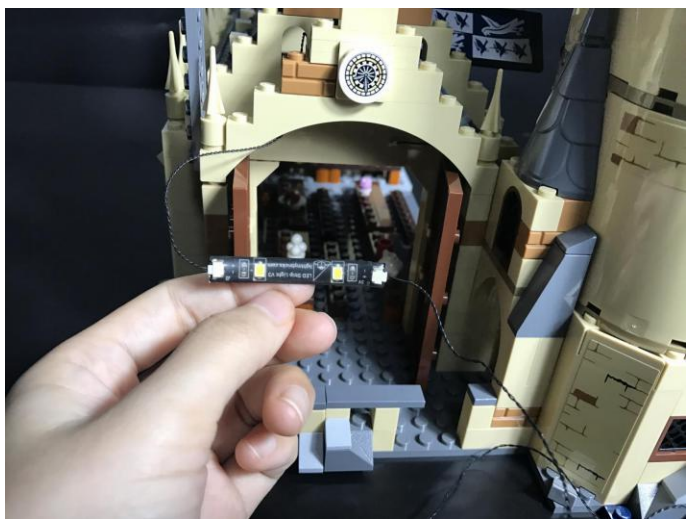
**7.** Take a 15cm connecting cable, insert one port to the expansion board, thread the other port up to the hole at the left of the roof, pull it out from the gate.



**8.** Take a white strip light, a 30cm connecting cable, connect them as per below.



**9.** Stick the white strip light to the roof above the gate, leave the cable facing to the right.



**10.** Then turn back to the hut, remove the left light bar, wrap the slack 15cm cable around the base plate studs, install the light bar back, hide the slack line.



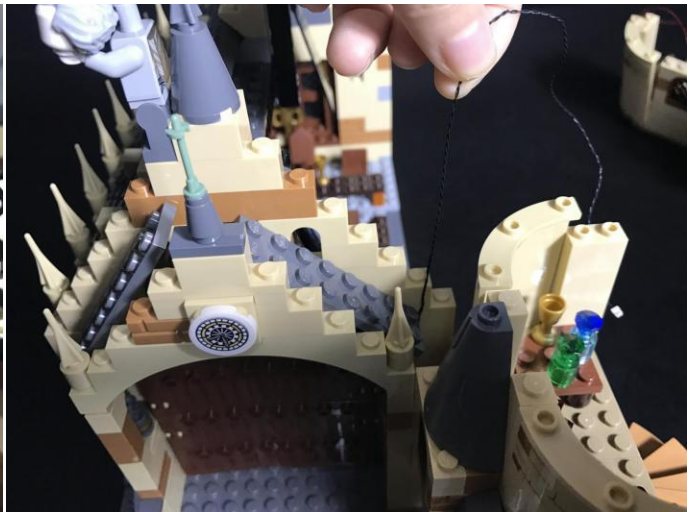
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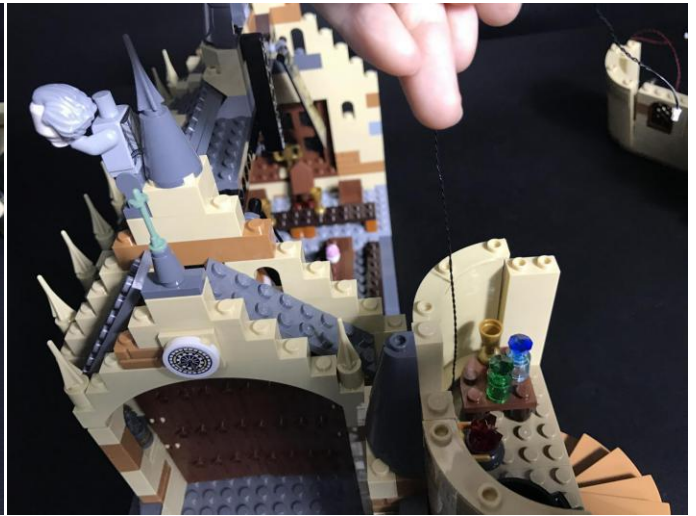
12. Turn to the front side of the gate, remove the two towers above.



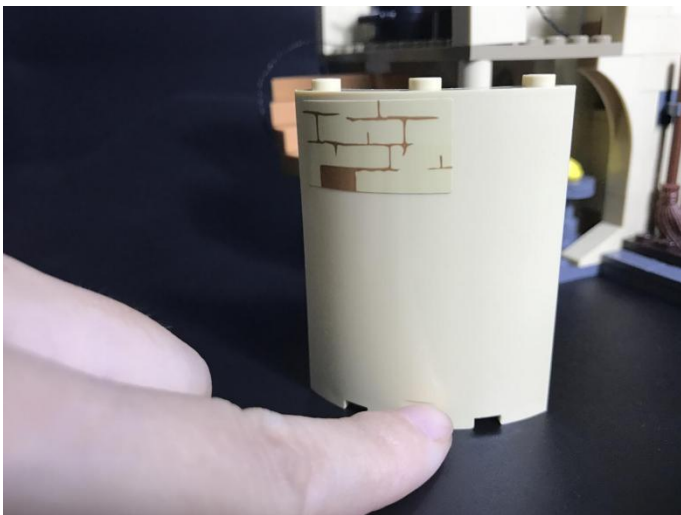
13. Pull the 30cm cable out from the window right next to the gate.



**14.** Remove the following wall bricks of the tower, press the 30cm cable in the grooves under the wall bricks.



**15**



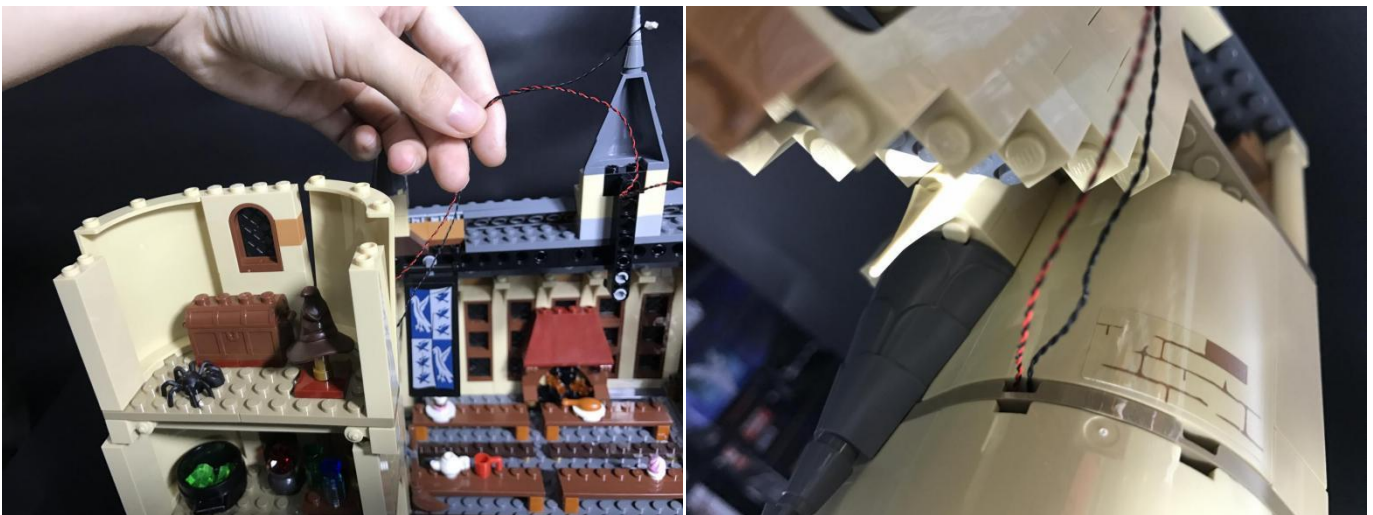
**16.** Then, continue to install lights underneath the tower removed before. Take a 30cm pink dot light, a 2x2 trans dome plate.



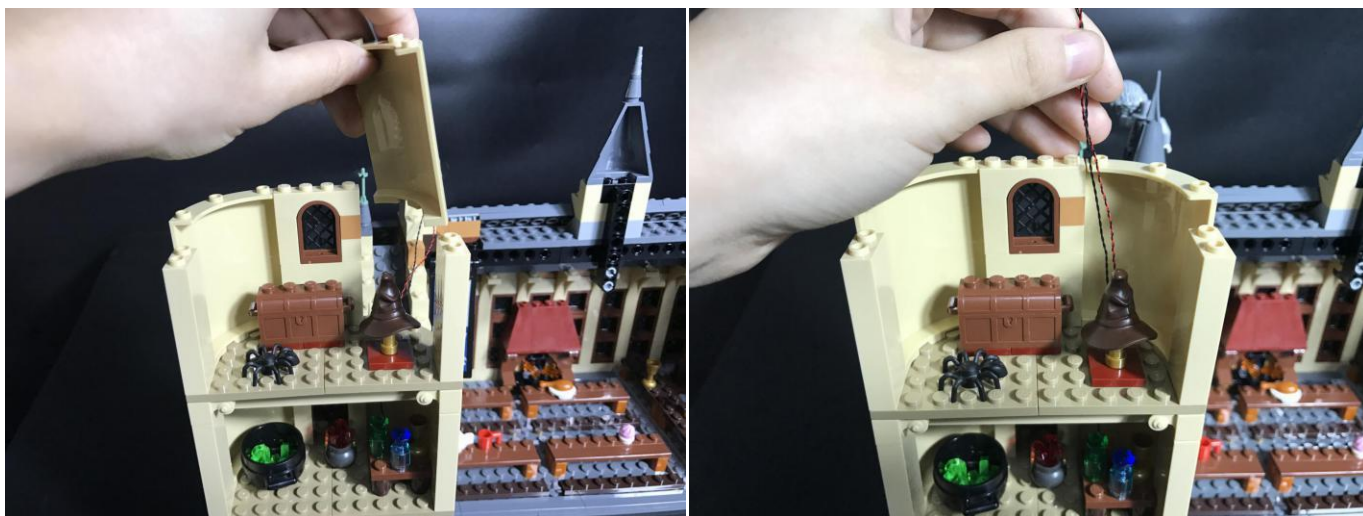
**17.** Ensure the LED component facing up, secure it in place by using the trans dome plate.



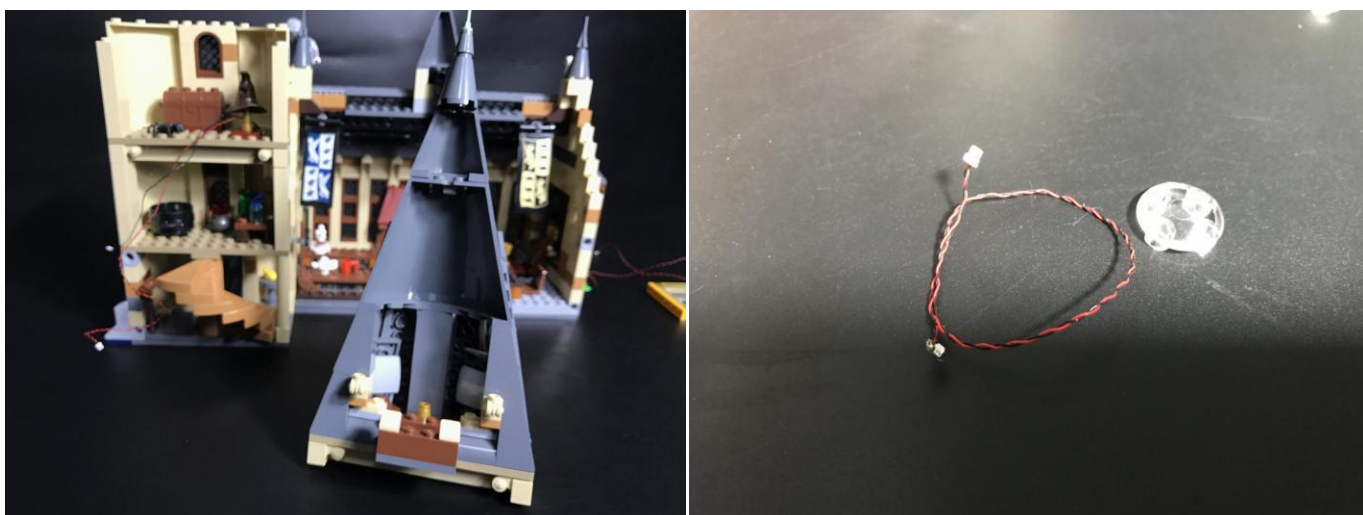
**18.** After place the 30cm cable and the cable of the pink light at the grooves underneath the wall, reconnect the tower.



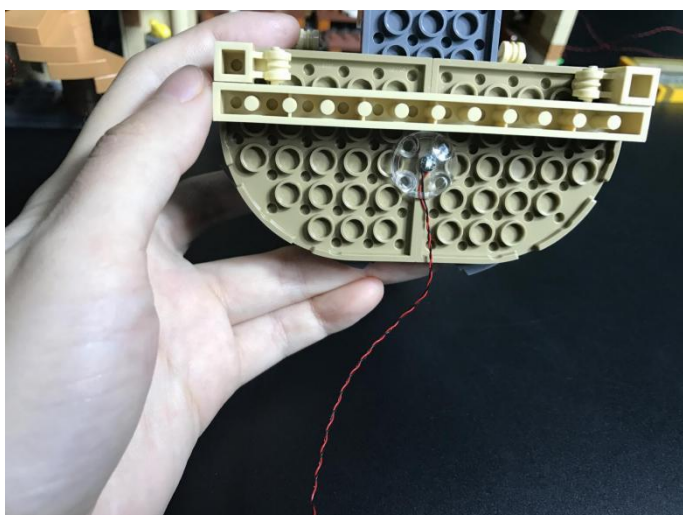
**19.** Repeat the above steps, remove the wall of the tower, pull the cables inside the tower.



**20.** Now, we can turn to install the lights at the spire of the tower. Take a 15cm blue dot light, a 2x2 trans dome plate.

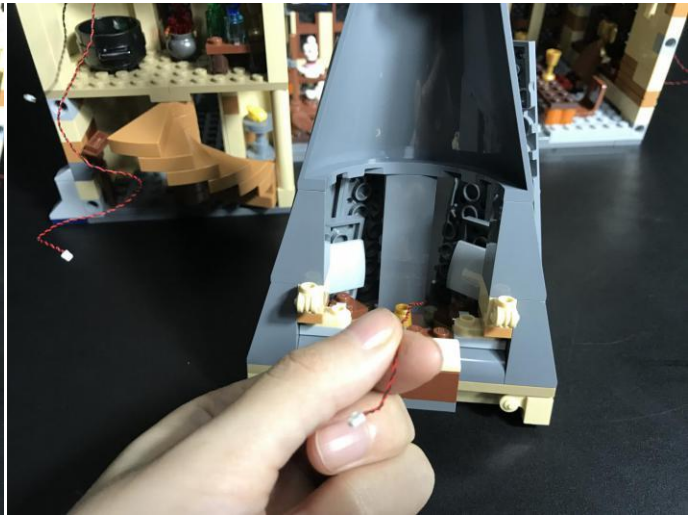
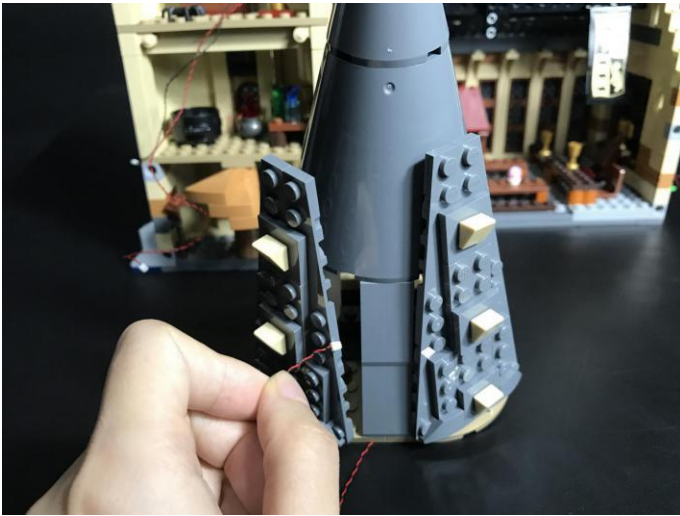


**21.** Install them underneath the tower as well.

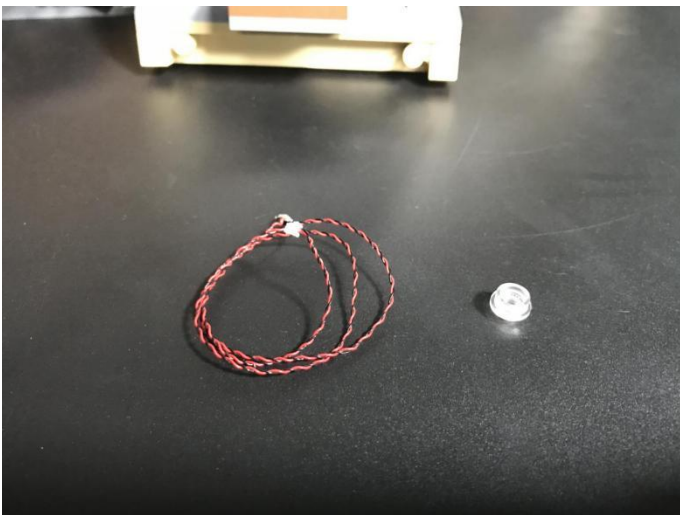




**22.** Thread the side with plug from the back to the inside of the tower.



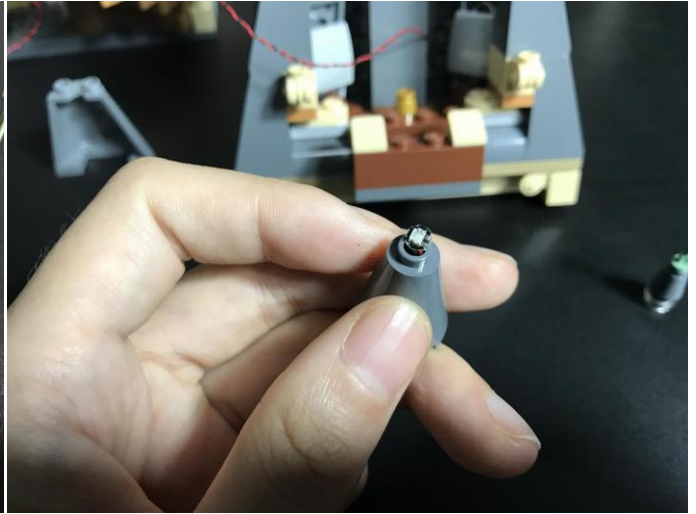
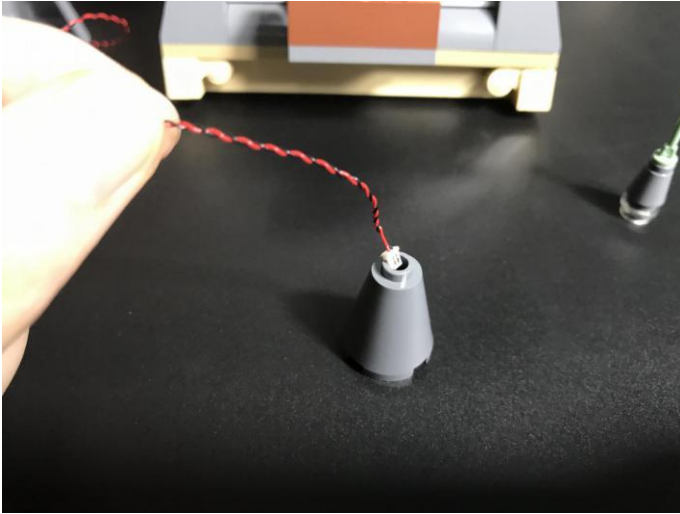
**23.** Take a multi colour changing dot light, a trans round plate.



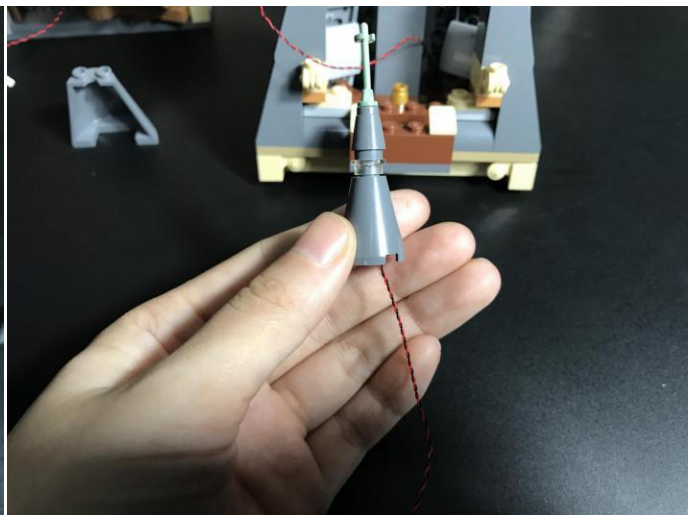
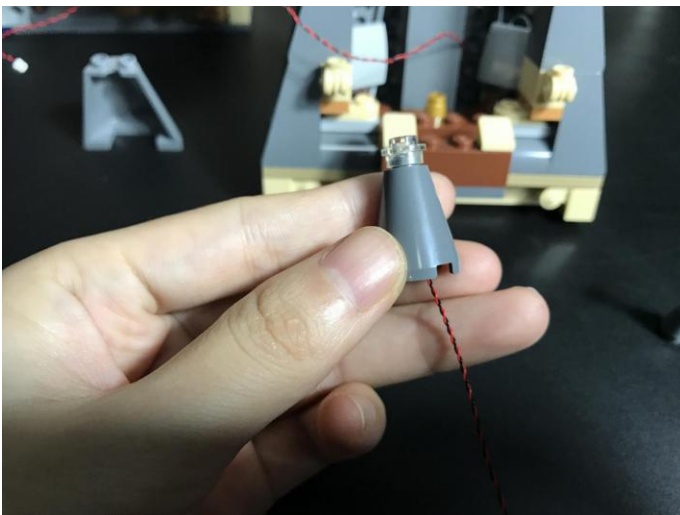
**24.** Remove the spire of the tower, as per below.



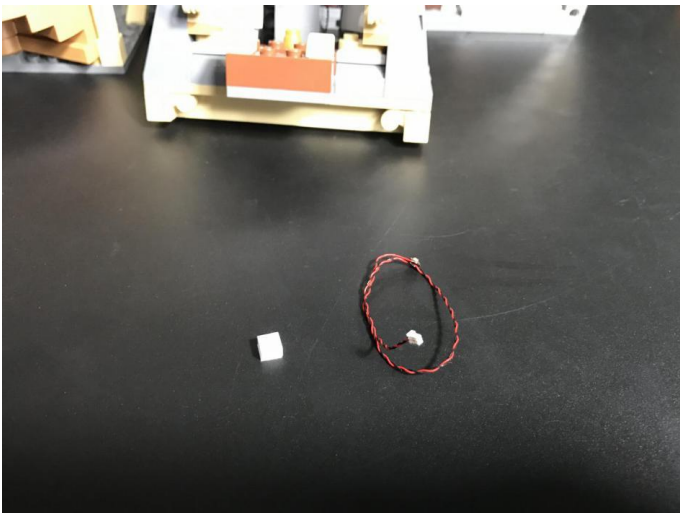
**25.** Pull the plug through the gray cylinder, pull its cable till the light facing up.



**26.** Place the trans round plate over it, reconnect the spire.



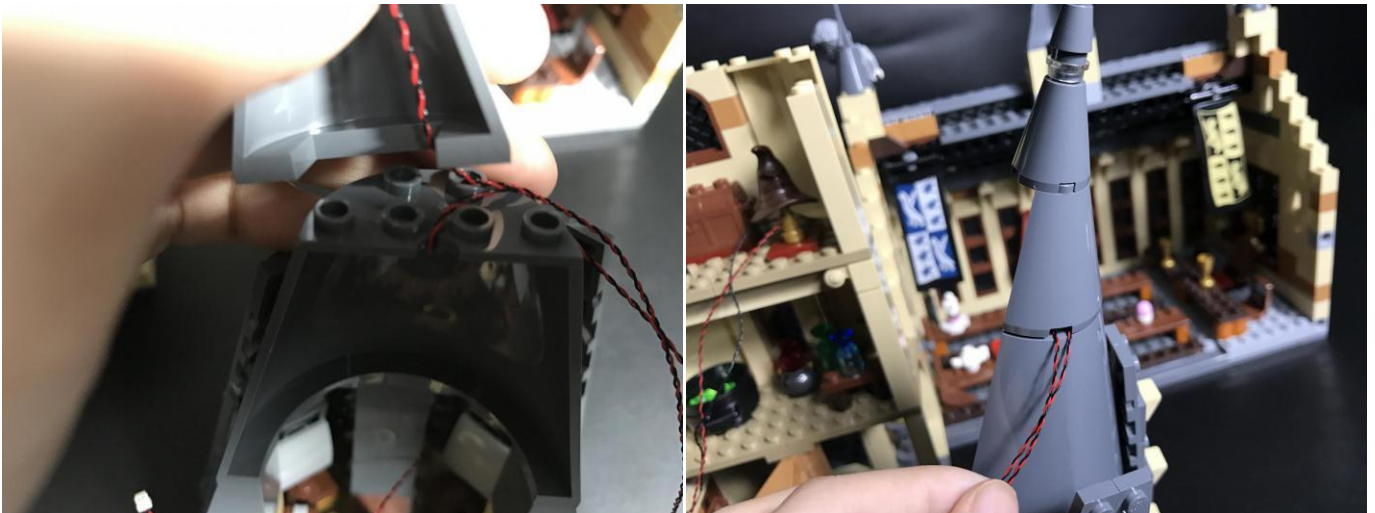
**27.** Then, take a 15cm white dot light, a piece of adhesive tape.



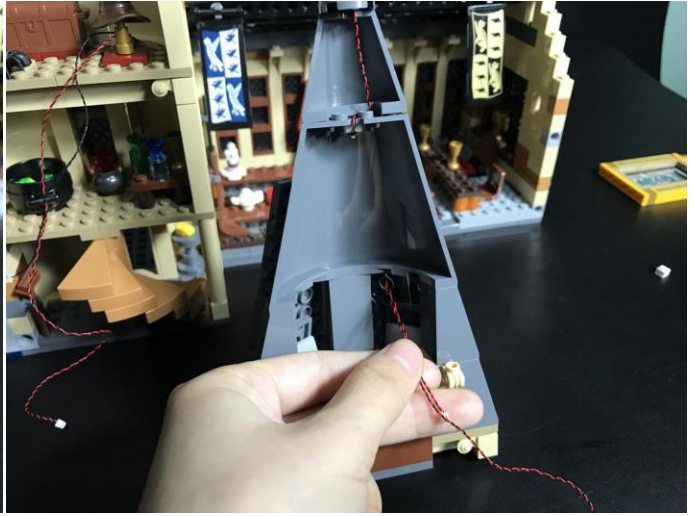
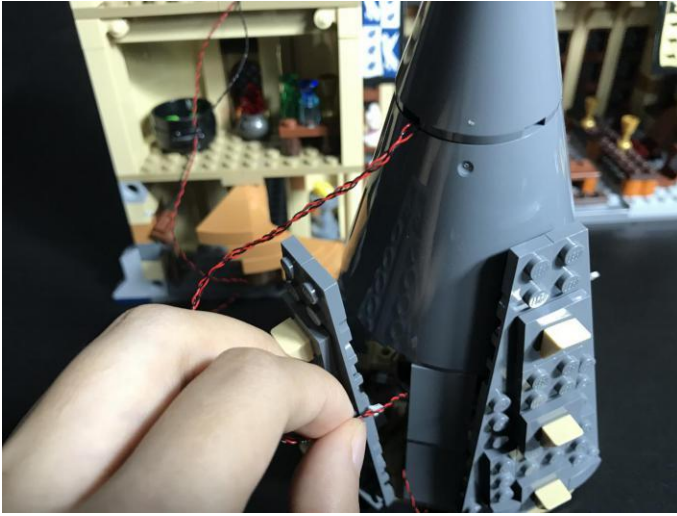
**28.** Stick the LED component inside the spire of the tower, as per below.



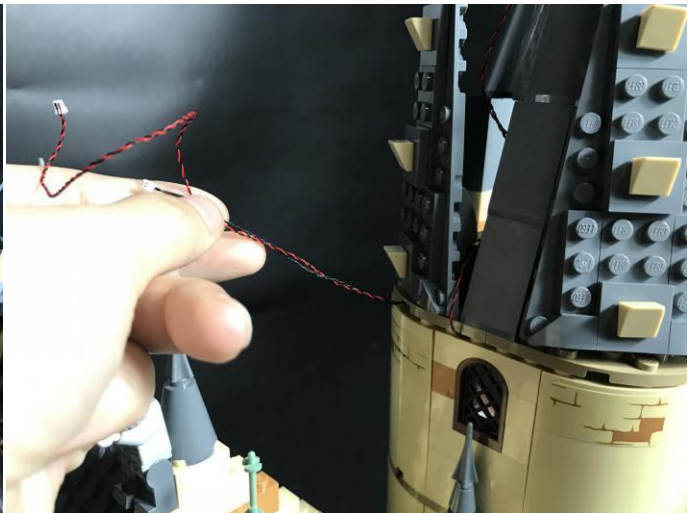
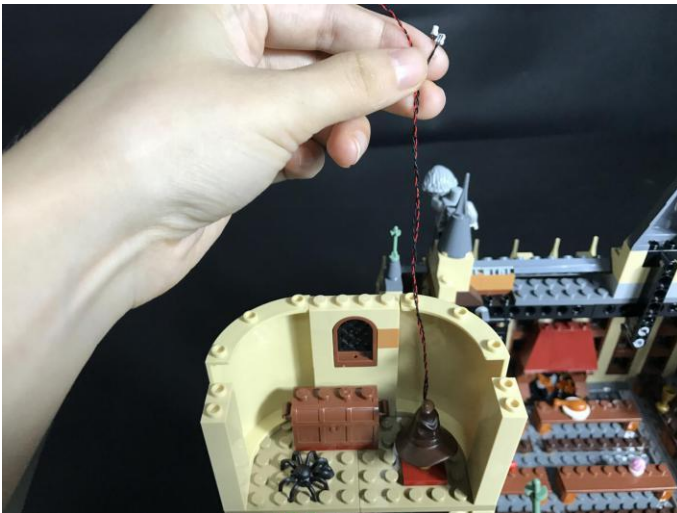
**29.** Press the cable of the multi colour changing light and the white dot light in between the studs, reconnect the spire of the tower.



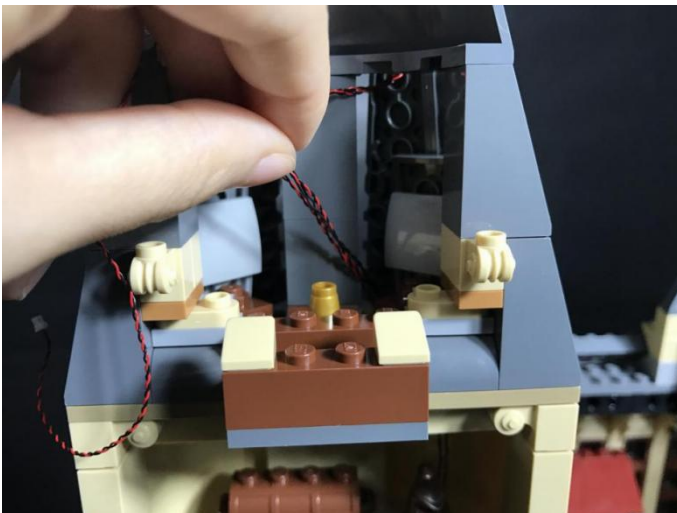
**30.** Twist the two cables into one, thread it to the inside of the tower from its back.



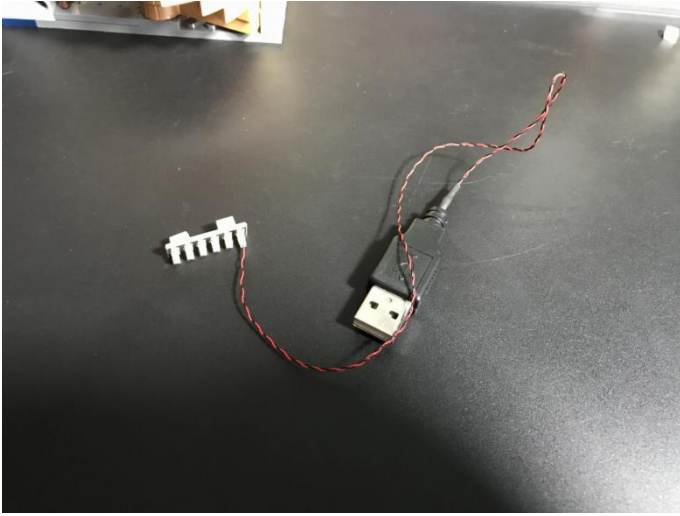
**31.** Twist all cables of the lights installed before into one, pull the cable out before reconnect the spire.



**32.** Then, thread it into the tower from the back of the spire.

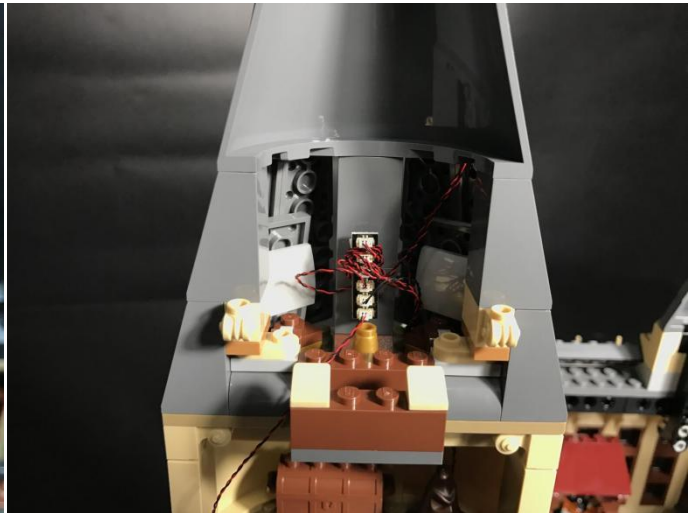
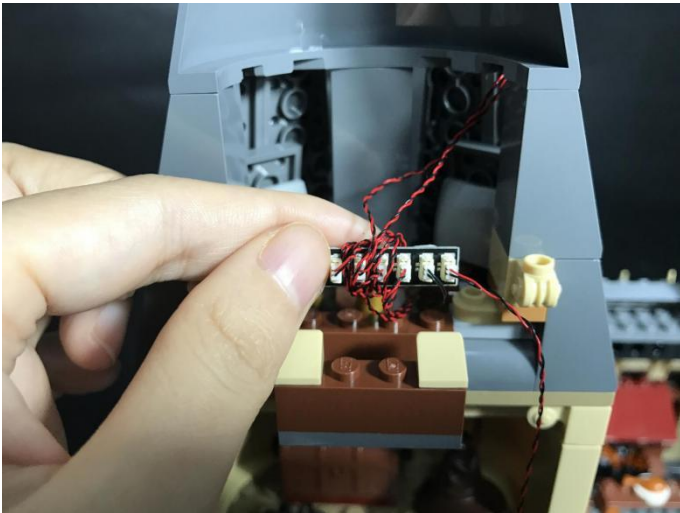


**33.** Take 6 sockets, glue the double-sided tape, connect the USB power cable.

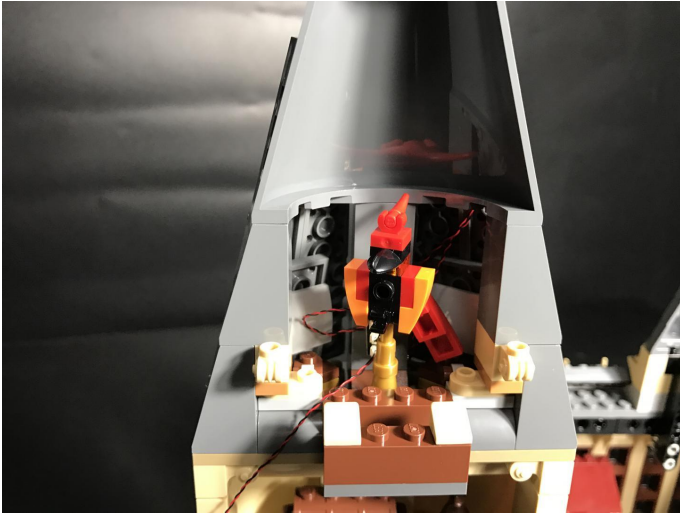


**34.** Insert all the plugs of the lights of the tower to the available ports of the expansion board, tuck them around the expansion properly.

Secure the expansion board on the wall inside the tower.



**35.** Now all the lights inside the tower are installed. Reconnect everything inside the tower.



**36.** Hide USB inside the tower when you don't want to turn on the light.



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

