

HOGWARTS™ GREAT HALL #75954 Basic Version

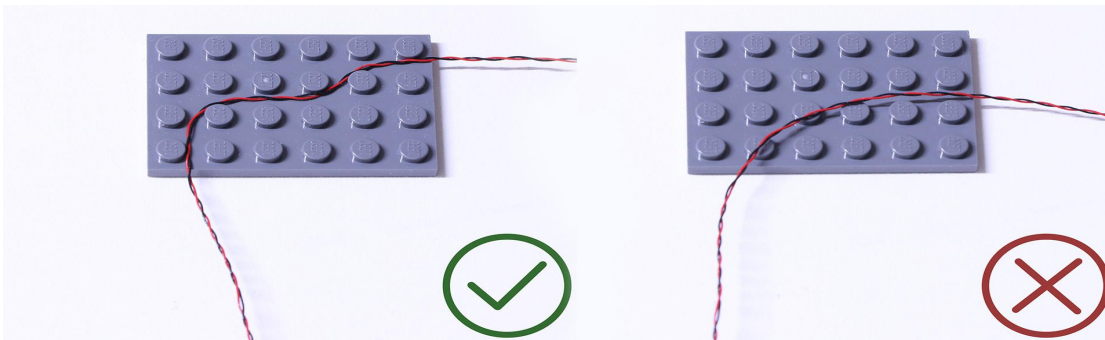
Package contents:

- 1 X 6-Port Expansion Board
- 1 X USB Power Cable
- 1 X 15cm warm white Dot Lights
- 1 X 15cm Blue Dot Lights
- 1 X 30cm Pink Dot Lights
- 1 X 30cm Multi Colour Changing Dot Lights
- 3 X warm White Strip Lights
- 1 X 30cm Connecting Cables
- 1 X 15cm Connecting Cables
- 1 X 5cm Connecting Cables
- Several LEGO pieces

Note:

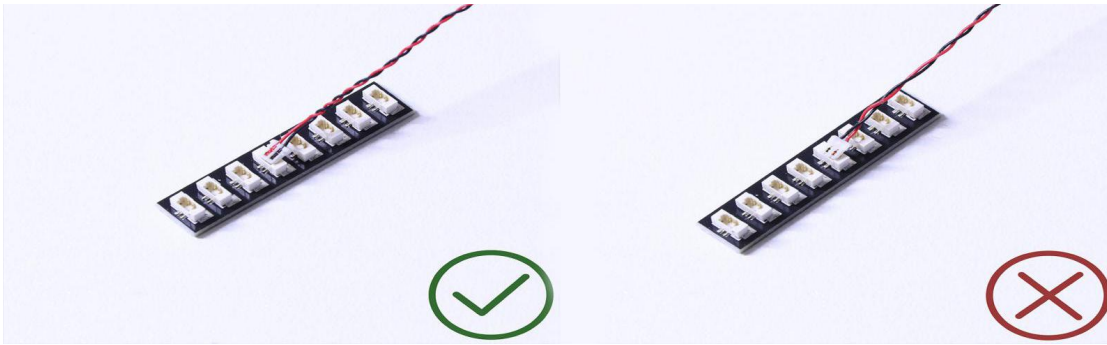
Place wires on the surface or under the LEGO building blocks.

The wire can be place between the building blocks or under the block, but they should be placed between the studs correctly.

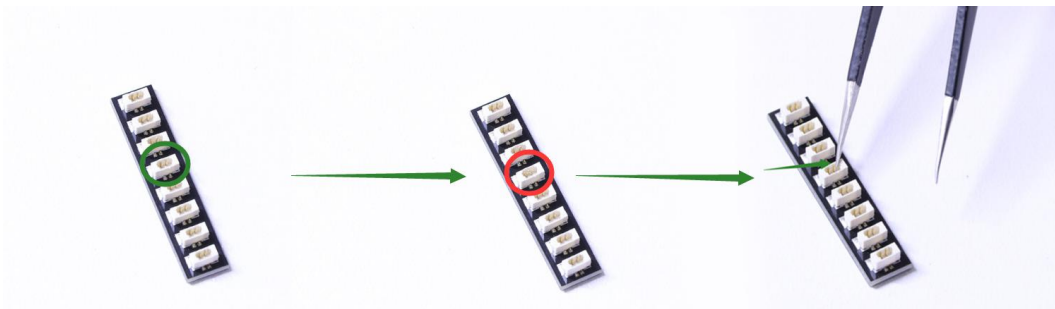


Insert the connectors to the ports.

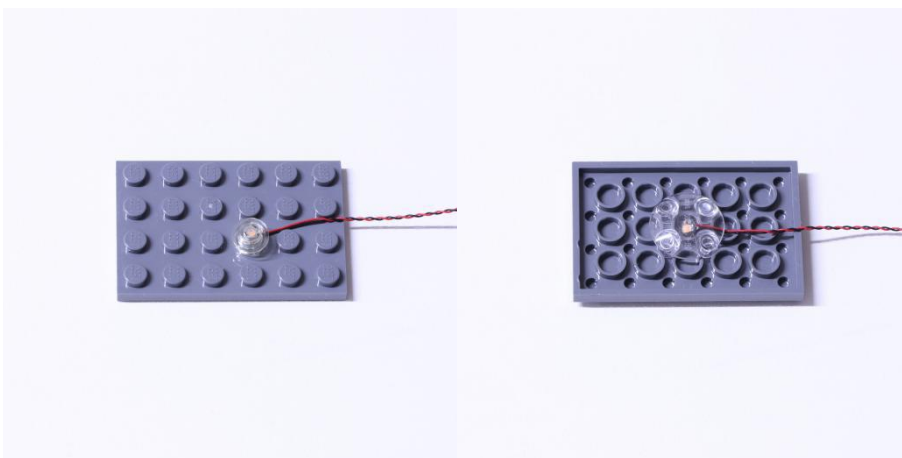
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop, and don't force it, for that may result in bent pins inside the port or overheating of the expansion board.



At this point, use the tweezers to straighten the bent pins.

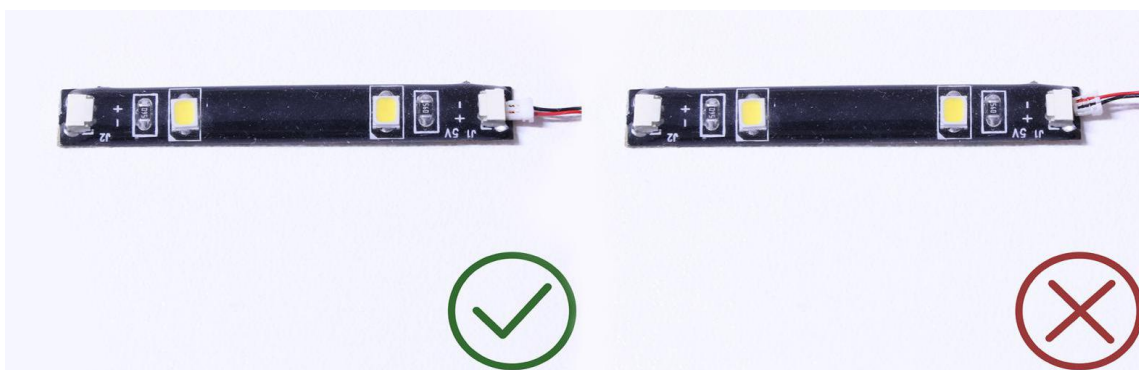


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

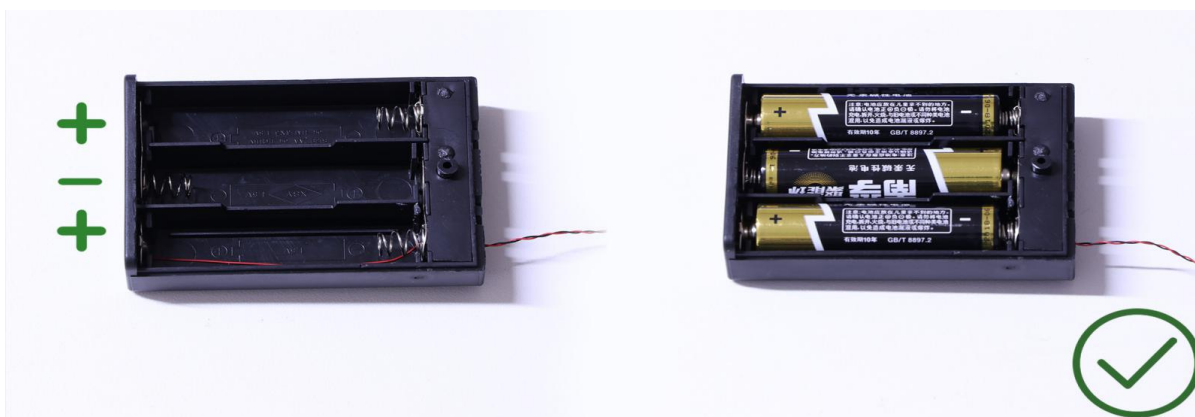


Connecting cable connectors to Strip Lights

Take extra care when inserting connectors to ports on the Strip Lights. Connectors can be inserted only one way. With the Strip Light facing up, ensure the side of the connector with the wires exposed is facing down. If a plug won't fit easily into a port connector, don't force it. Doing so will damage the plug and the connector.



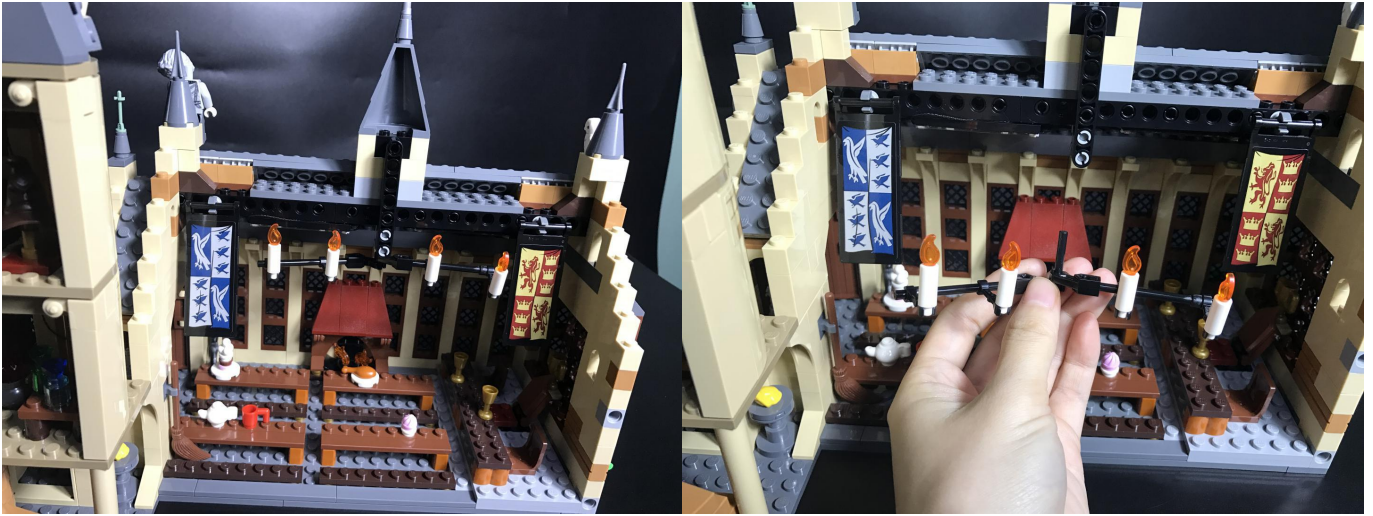
Finally, please pay attention to the positive and negative terminals of the battery when installing the battery case.



OK, Let's Begin!

Instructions for installing this kit

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



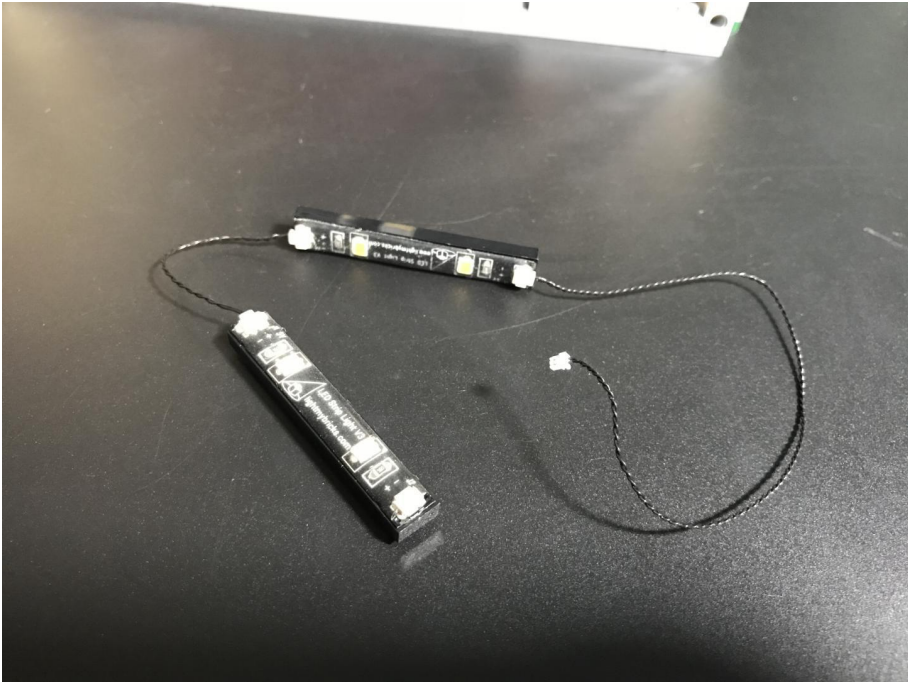
Take two white strip lights, two 1x6 black base plates, one 5cm connecting cables, one 15cm connecting cables



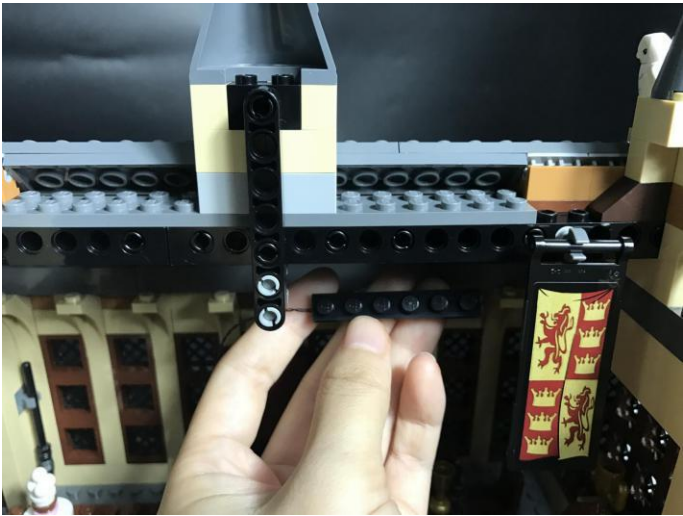
Uncover the adhesive at the back of the strips and stick them to the base plates.

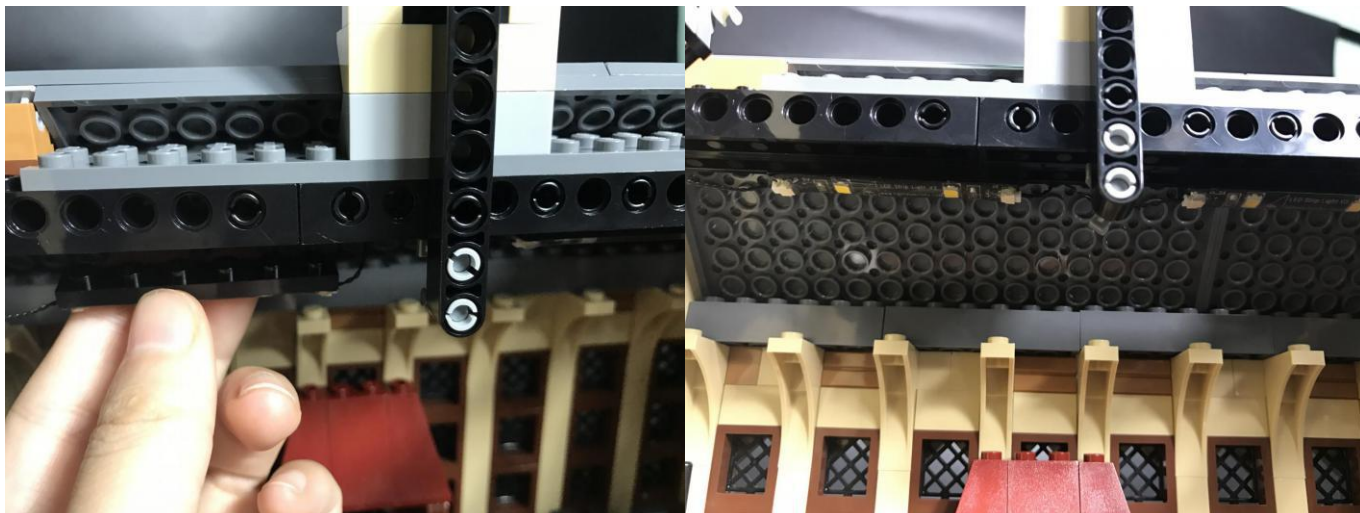


Connect the strips to the connecting cables as per below.

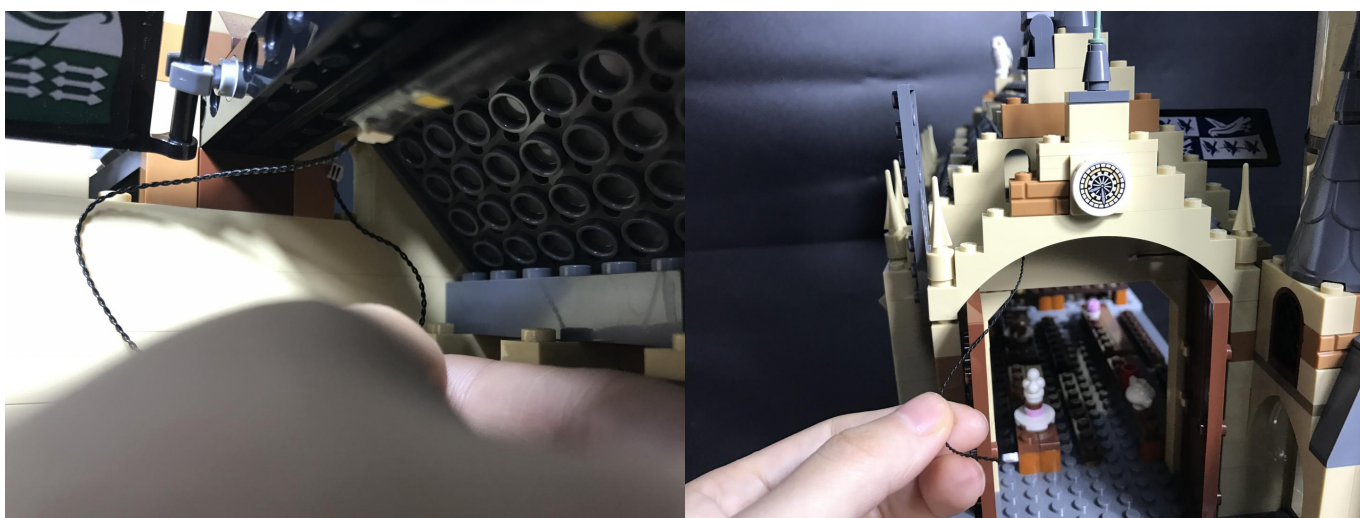


Place the two strips under the black beams of the roof one by one, ensure the side which is supposed to insert to the expansion board is facing to the left.

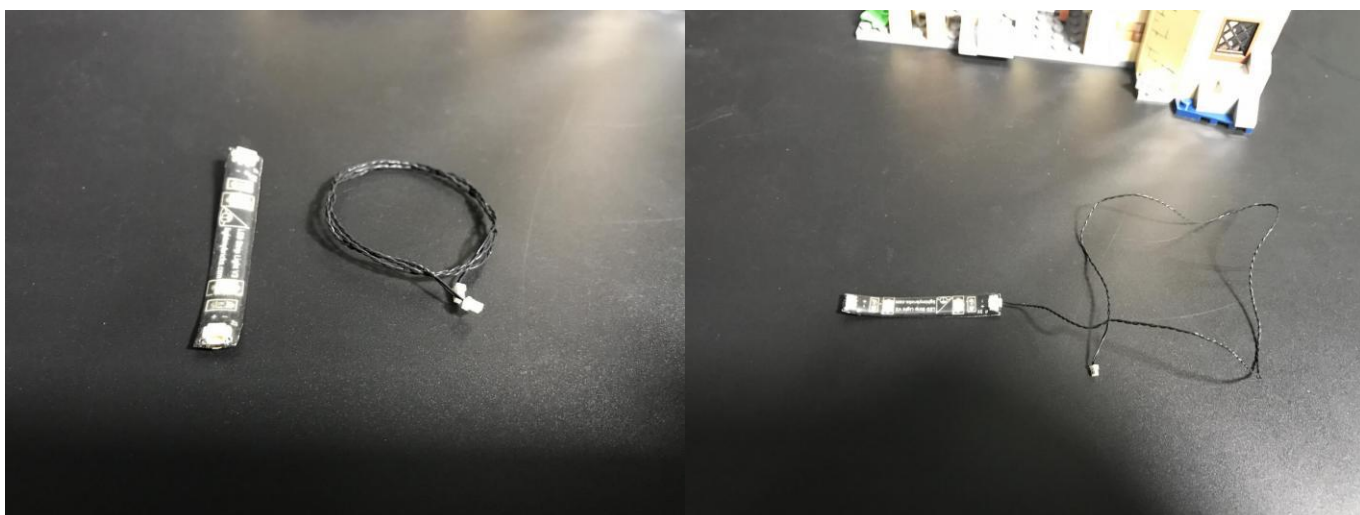




Take a 15cm connecting cable, insert one port to the expansion board, thread the other port up to the hole at the left of the roof, pull it out from the gate.



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



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



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



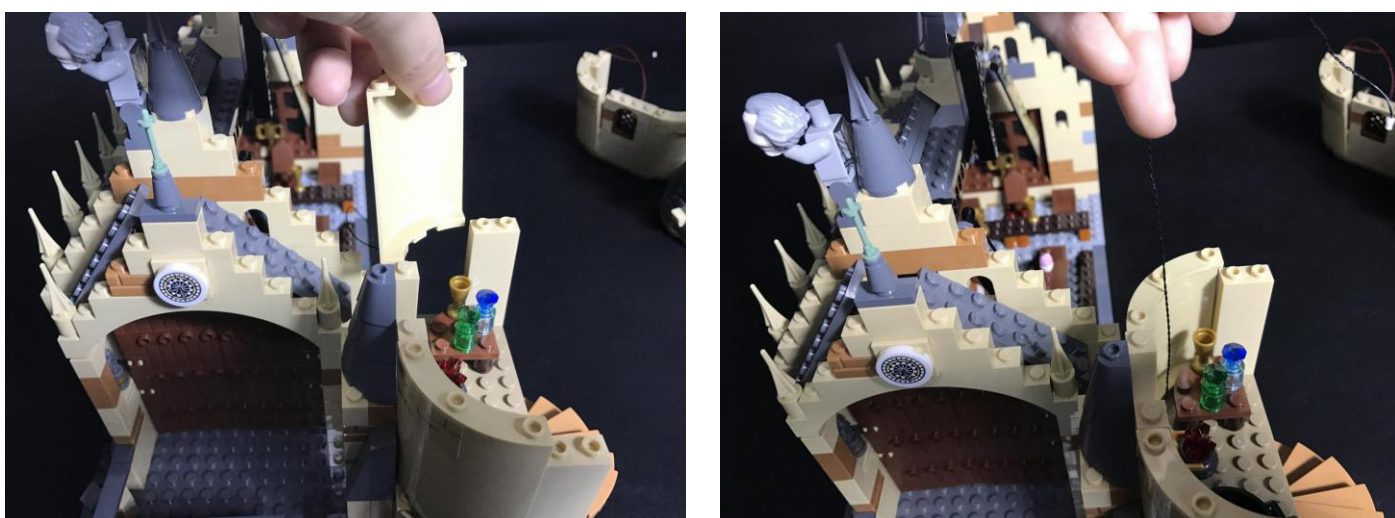
Turn to the front side of the gate, remove the two towers above.

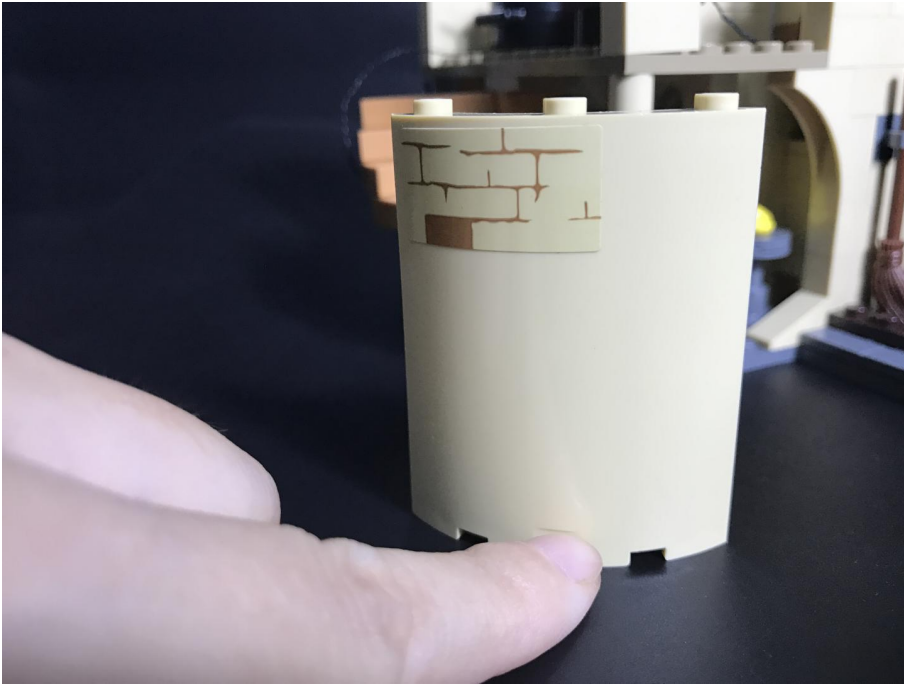


Pull the 30cm cable out from the window right next to the gate.



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

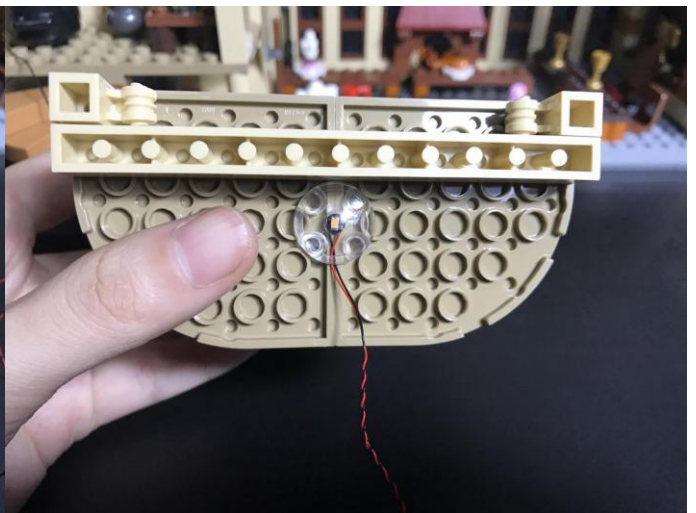
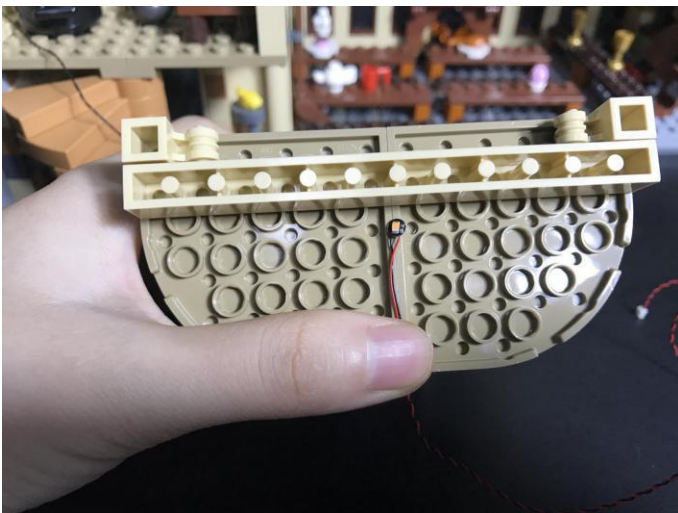




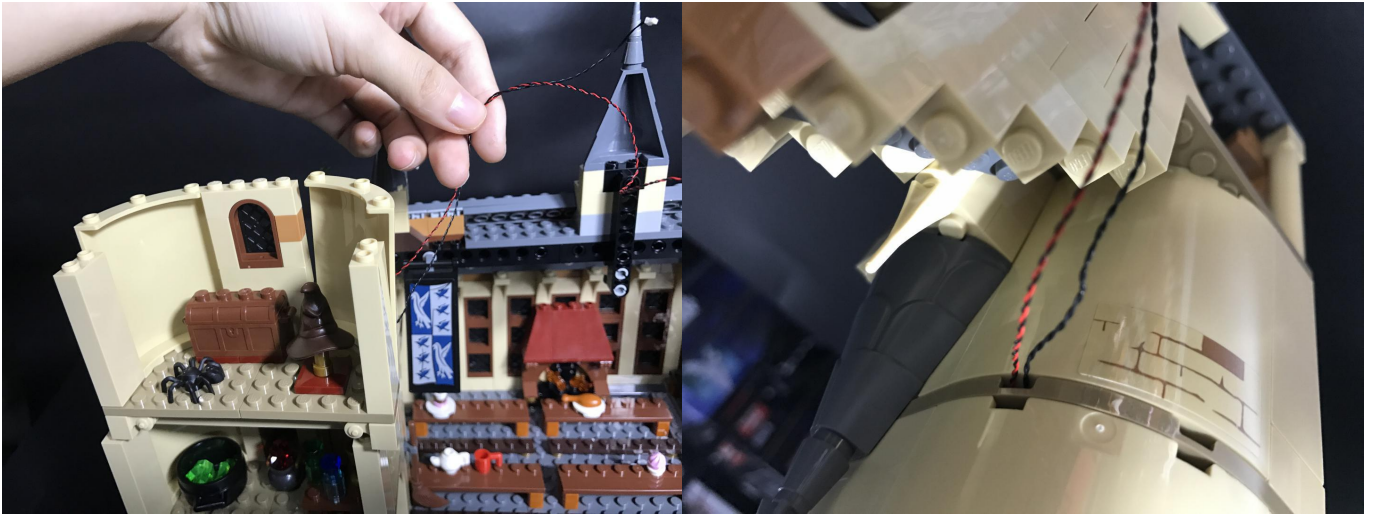
Then, continue to install lights underneath the tower removed before. Take a 30cm pink dot light, a 2x2 trans dome plate



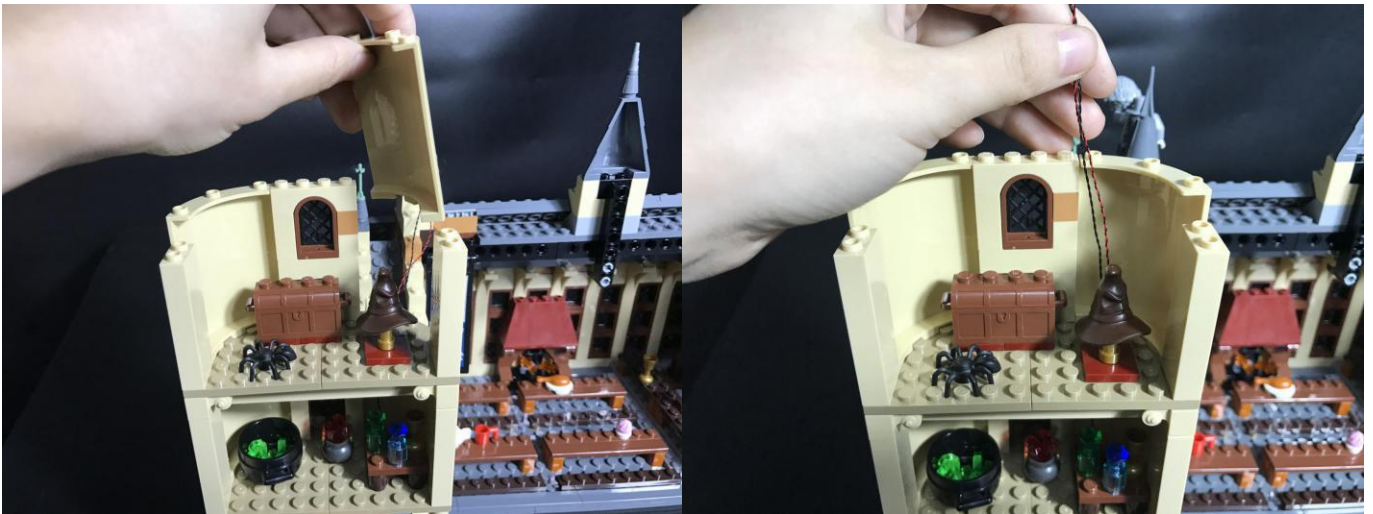
Ensure the LED component facing up, secure it in place by using the trans dome plate.



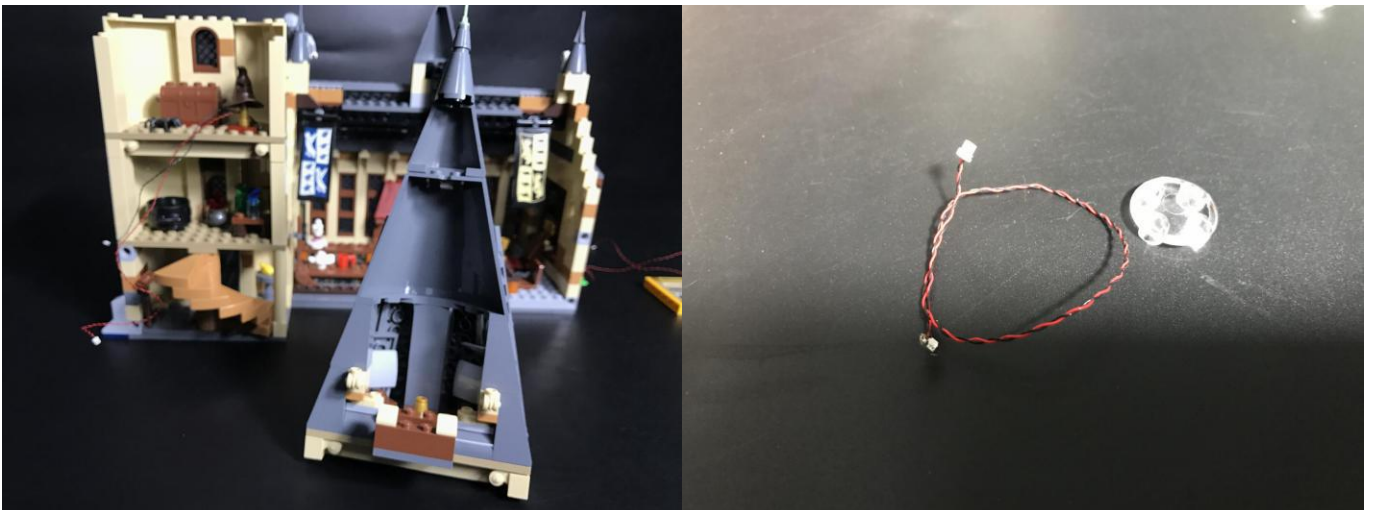
After place the 30cm cable and the cable of the pink light at the grooves underneath the wall, reconnect the tower.



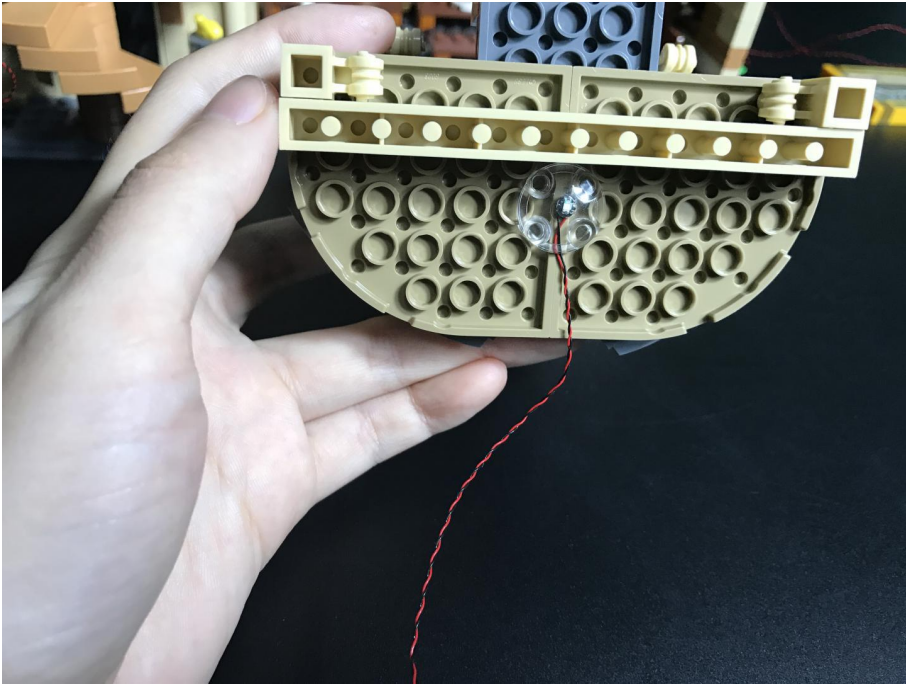
Repeat the above steps, remove the wall of the tower, pull the cables inside the tower.



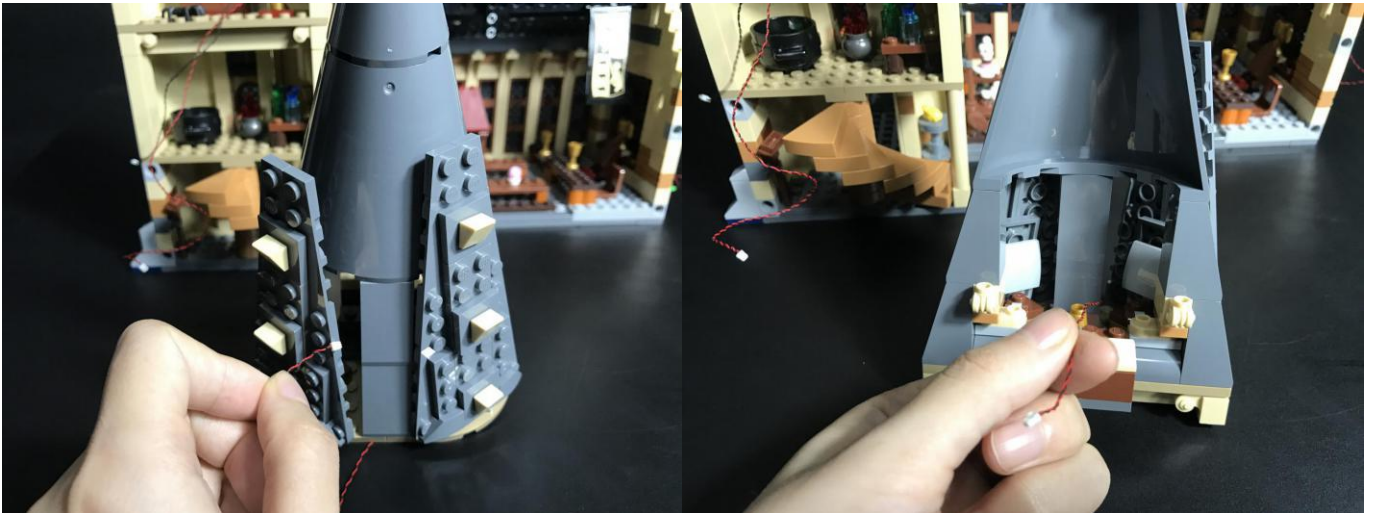
Now, we can turn to install the lights at the spire of the tower. Take a 15cm blue dot light, a 2x2 trans dome plate.



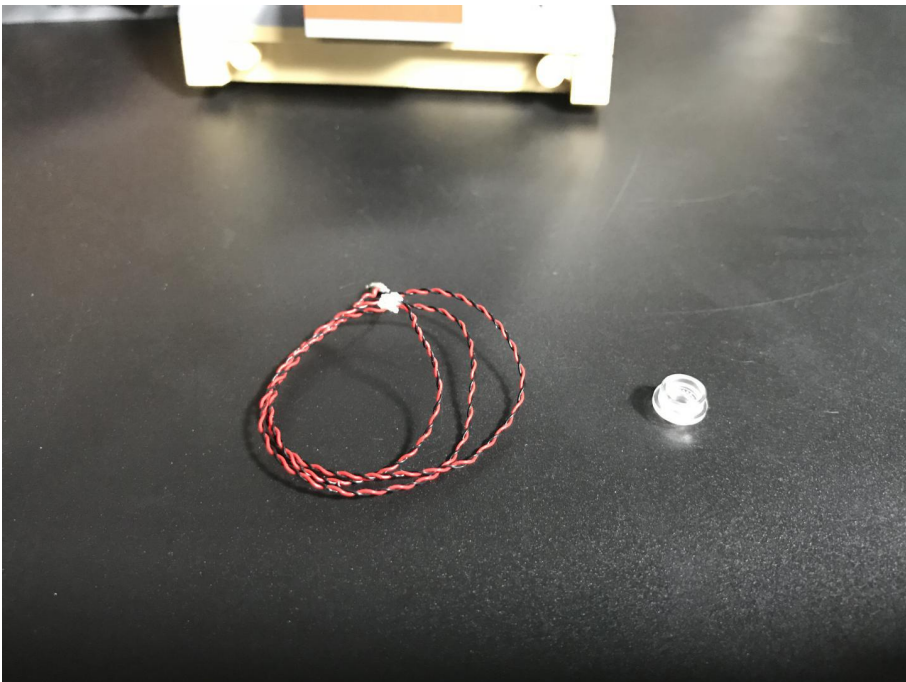
Install them underneath the tower as well.



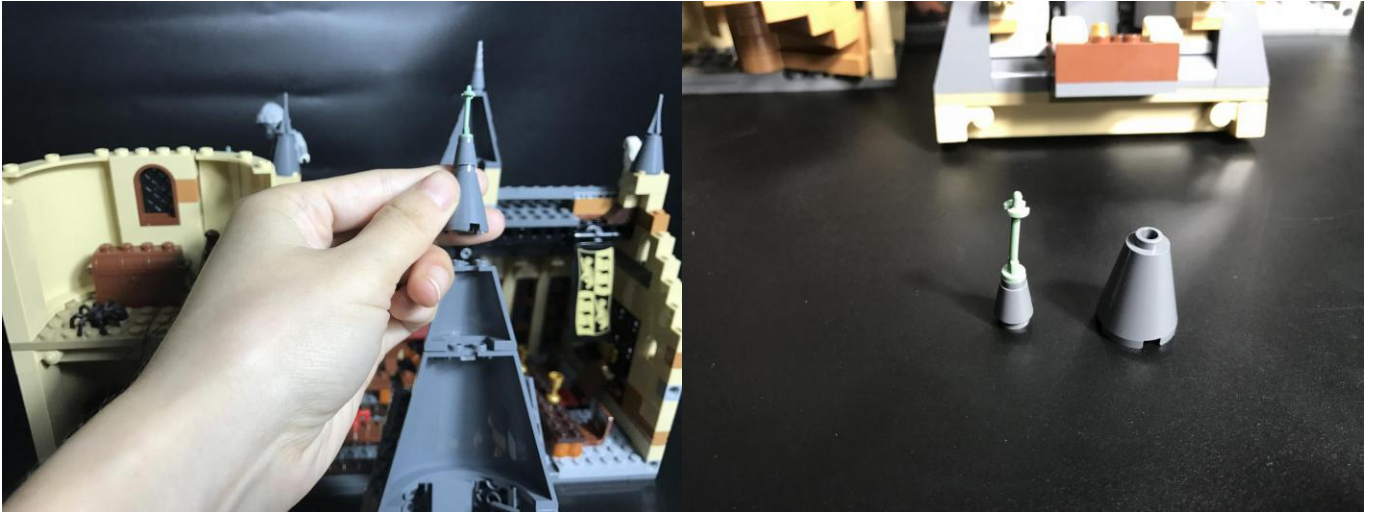
Thread the side with plug from the back to the inside of the tower.



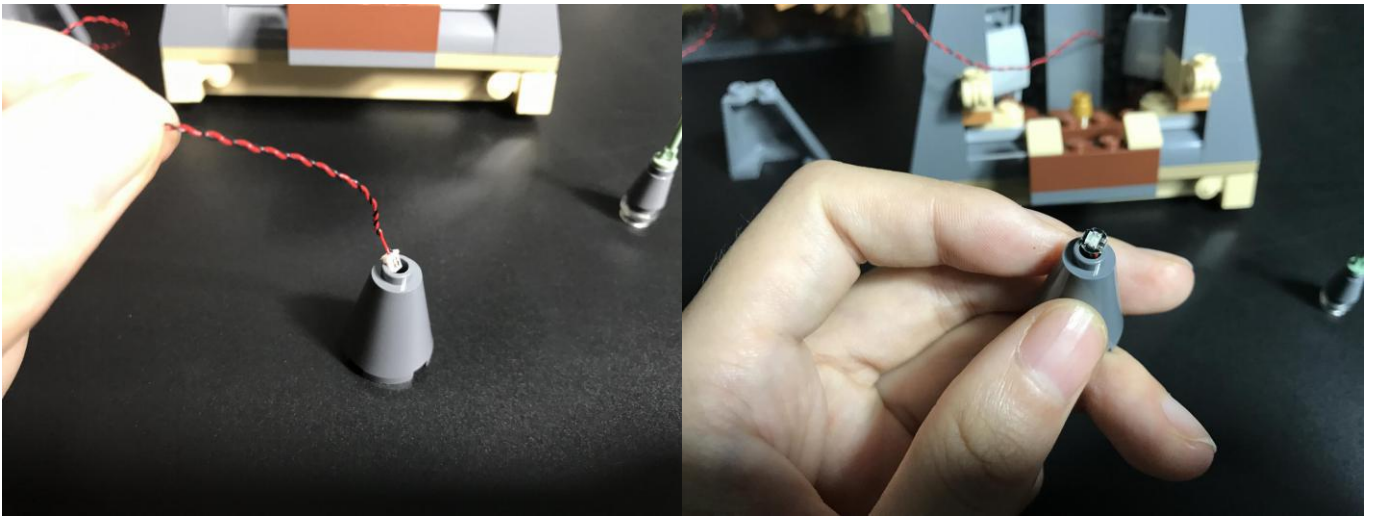
Take a multi colour changing dot light, a trans round plate.



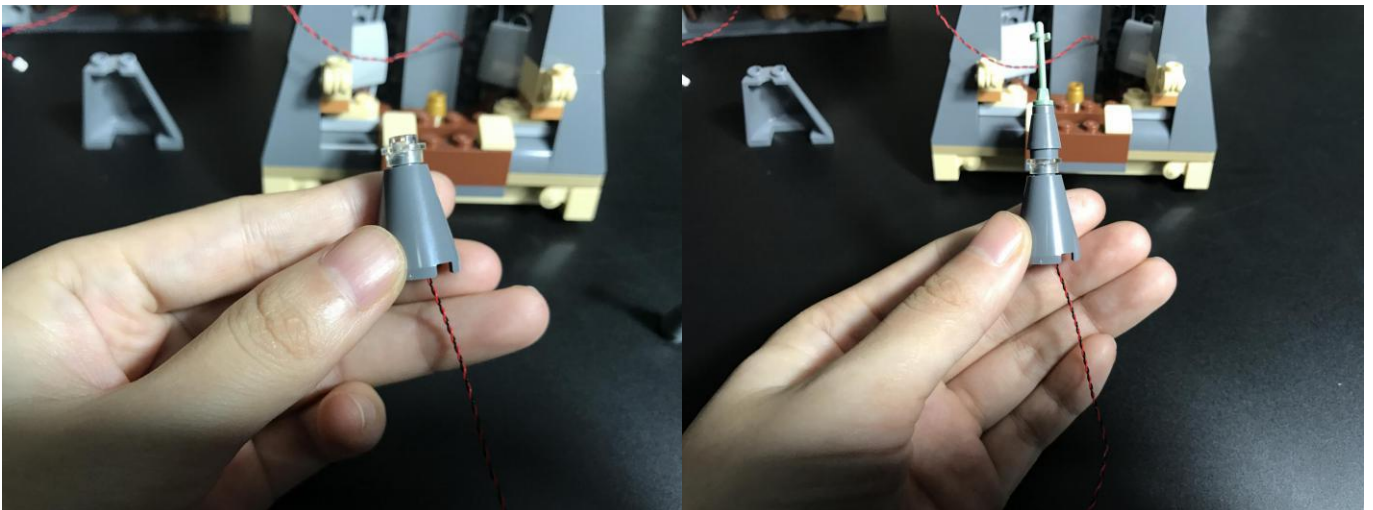
Remove the spire of the tower, as per below.



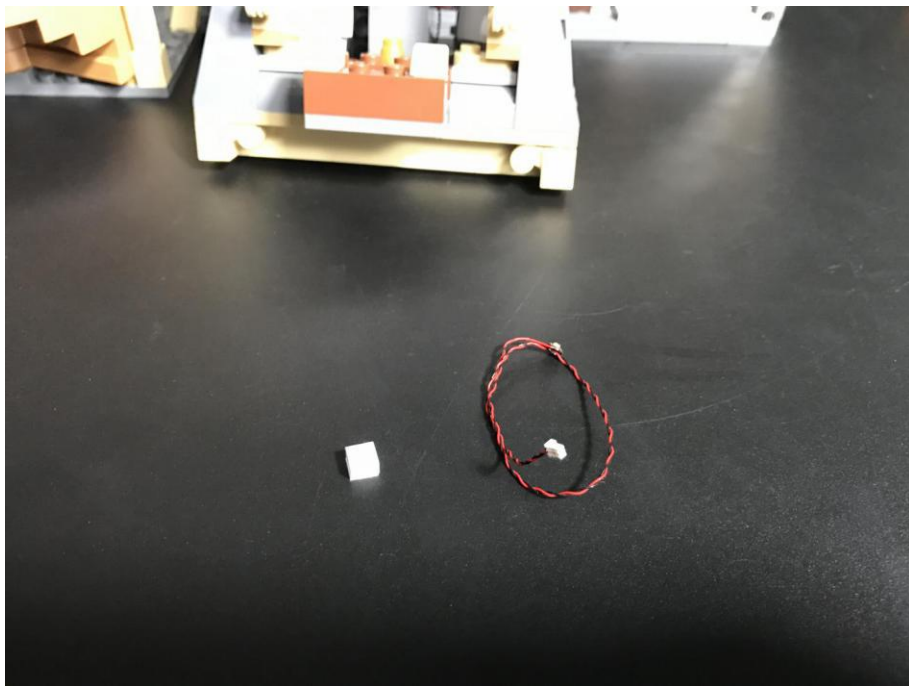
Pull the plug through the gray cylinder, pull its cable till the light facing up



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



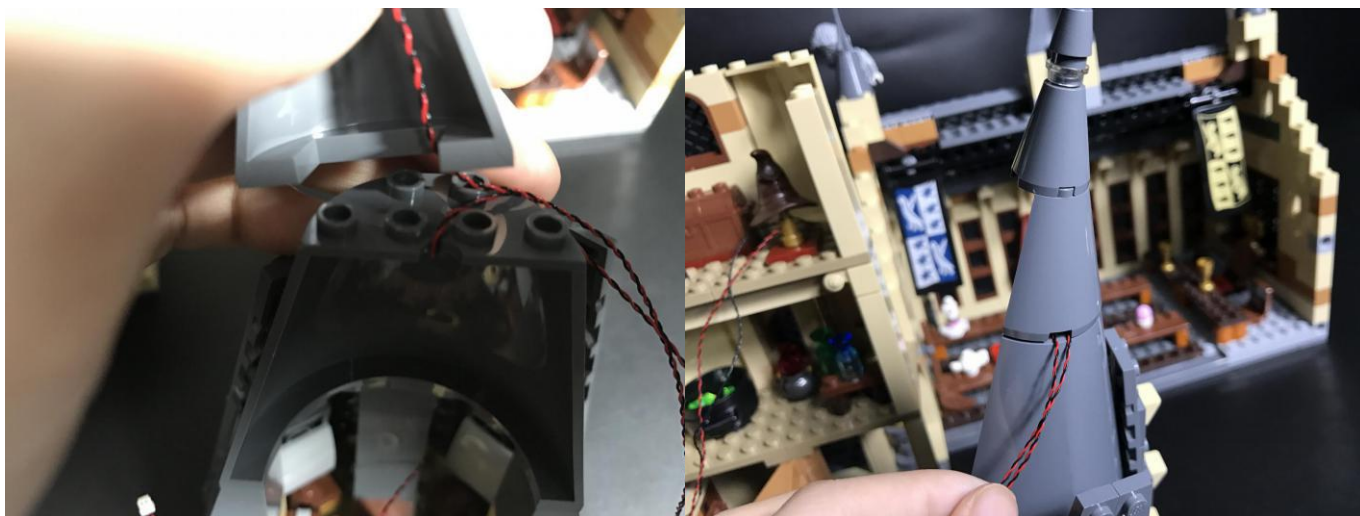
Then, take a 15cm white dot light, a piece of adhesive tape.



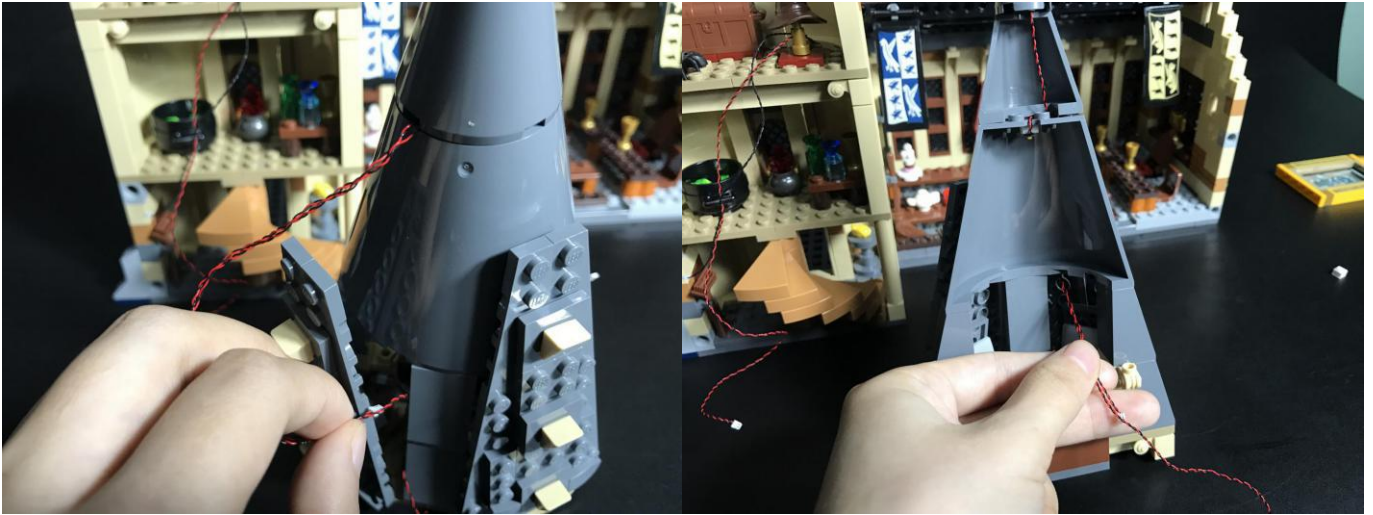
Stick the LED component inside the spire of the tower, as per below.



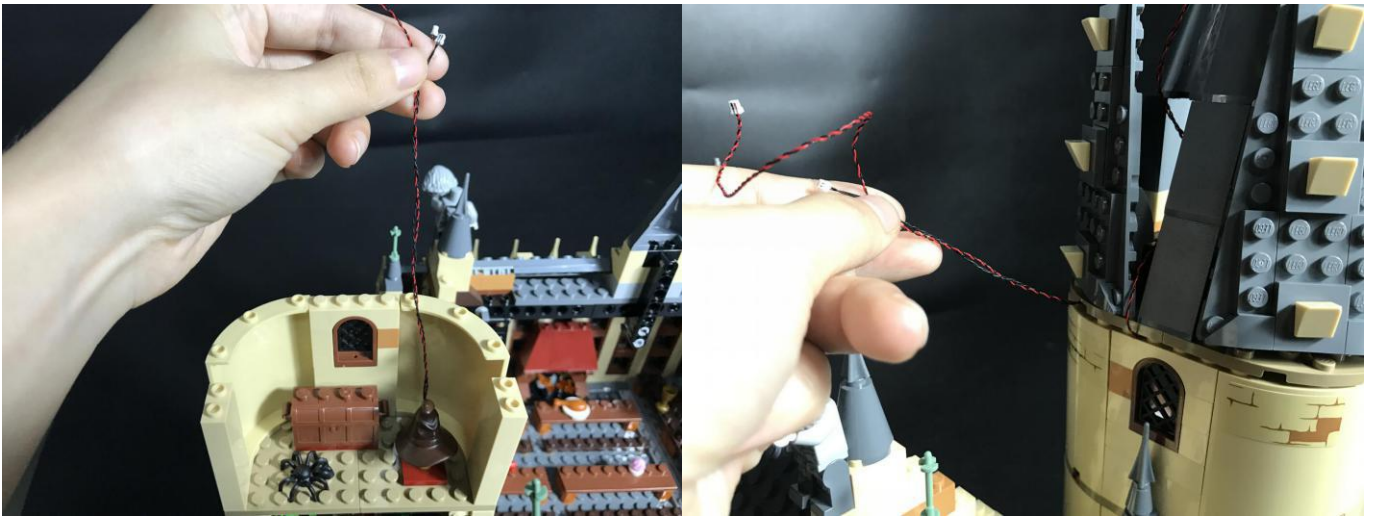
Press the cable of the multi colour changing light and the white dot light in between the studs, reconnect the spire of the tower.



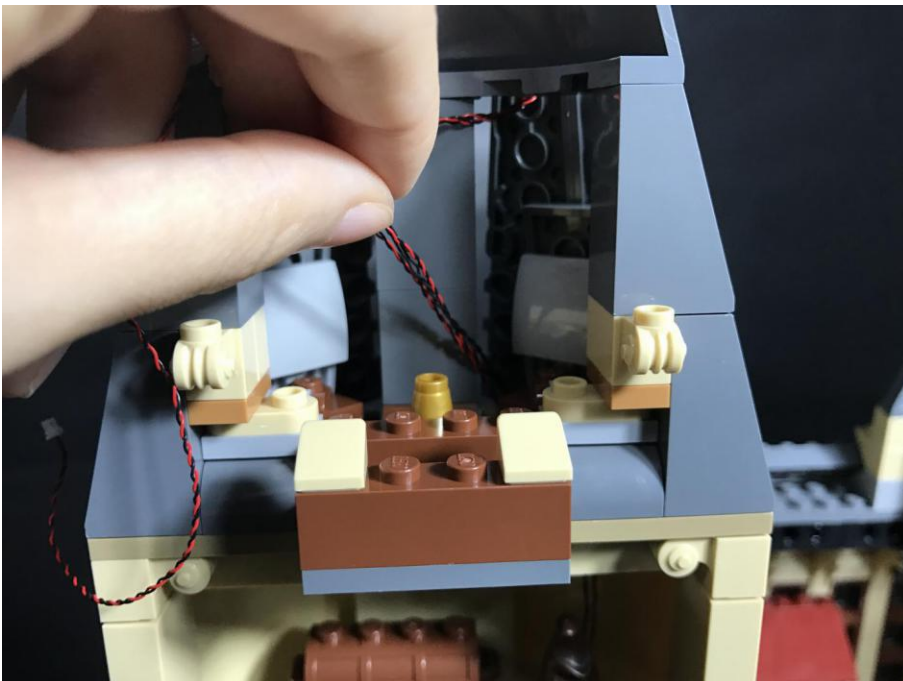
Twist the two cables into one, thread it to the inside of the tower from its back.



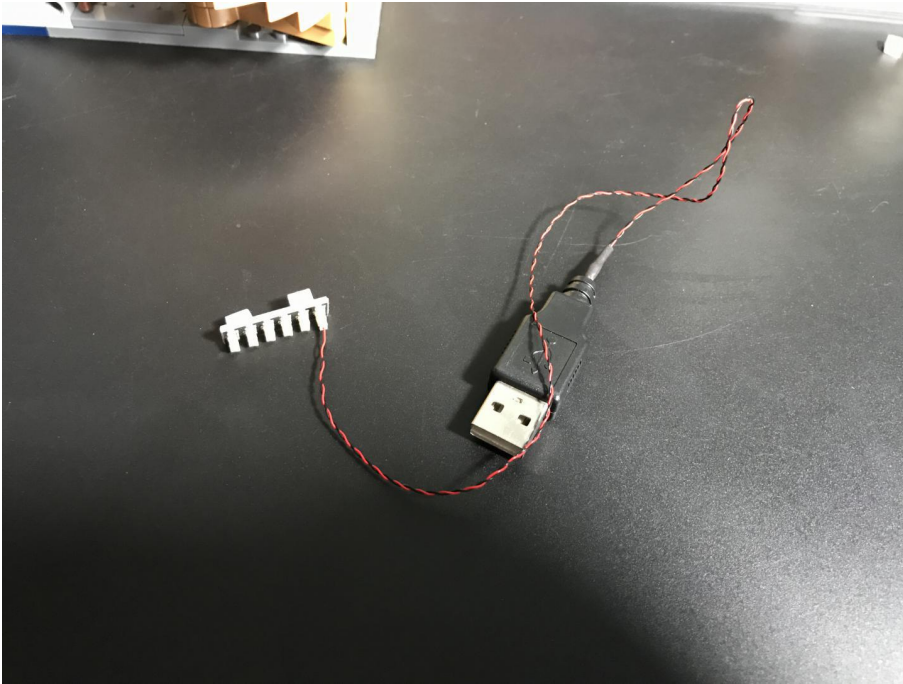
Twist all cables of the lights installed before into one, pull the cable out before reconnect the spire.



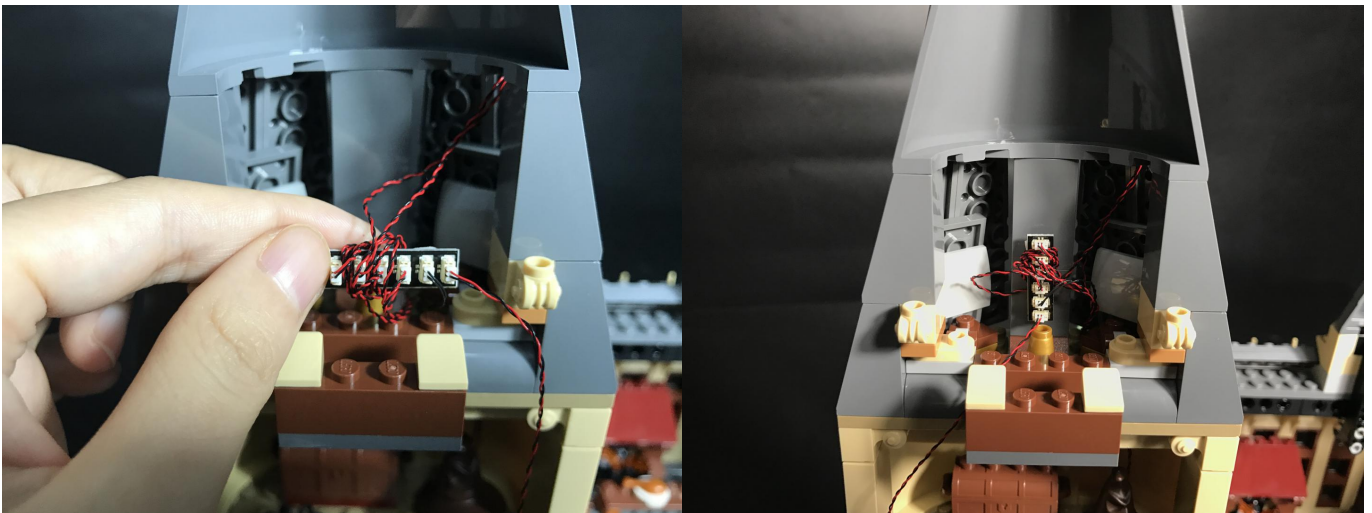
Then, thread it into the tower from the back of the spire.



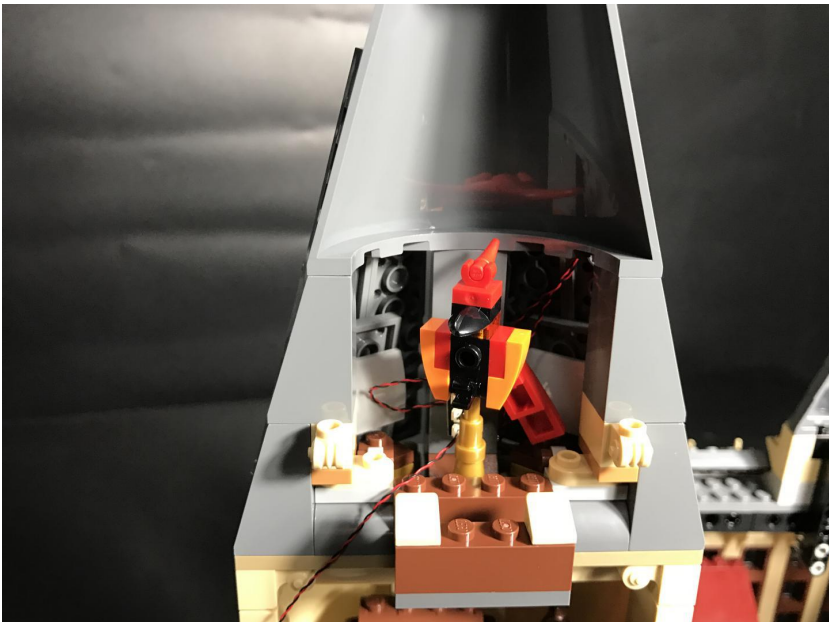
Take 6 sockets, glue the double-sided tape, connect the USB power cable



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.



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



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



Now, all the lights are installed, turn on the power, and enjoy it!

