

## Hagrid's Hut: Buckbeak's Rescue – 75947 Lighting Kit

### Package contents:

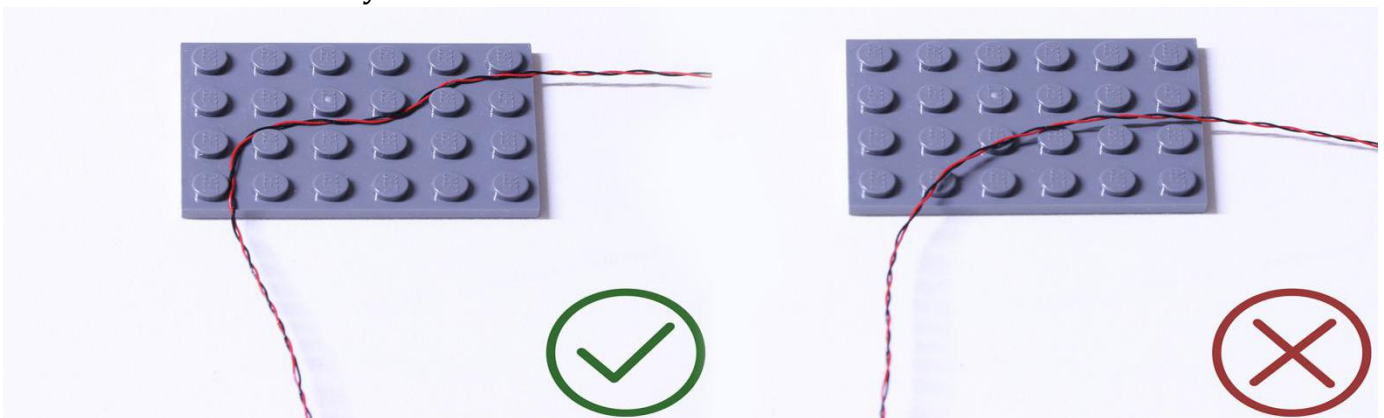
- 3 x 15cm Warm White Dot Lights
- 2 x Warm White Strip Lights
- 2 x 15cm Connecting Cables
- 1 x 5cm Connecting Cable
- 1 x 6-port Expansion Board
- 1 x Flicker Effects Board
- 1 x Round Coin Cell Battery Pack

Extra LEGO pieces

### Note:

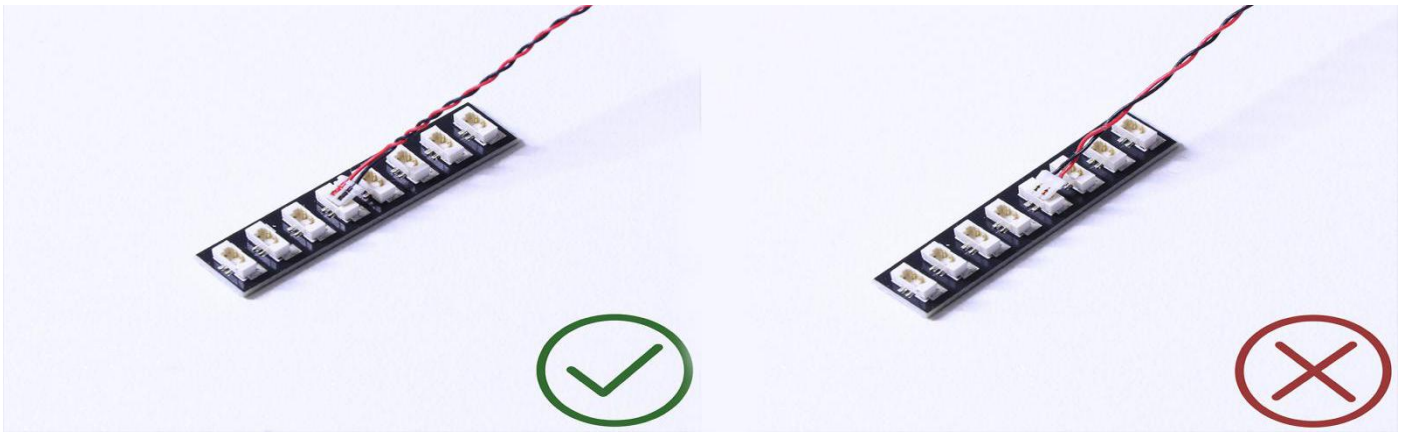
Place wires on the surface or under the LEGO building blocks.

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

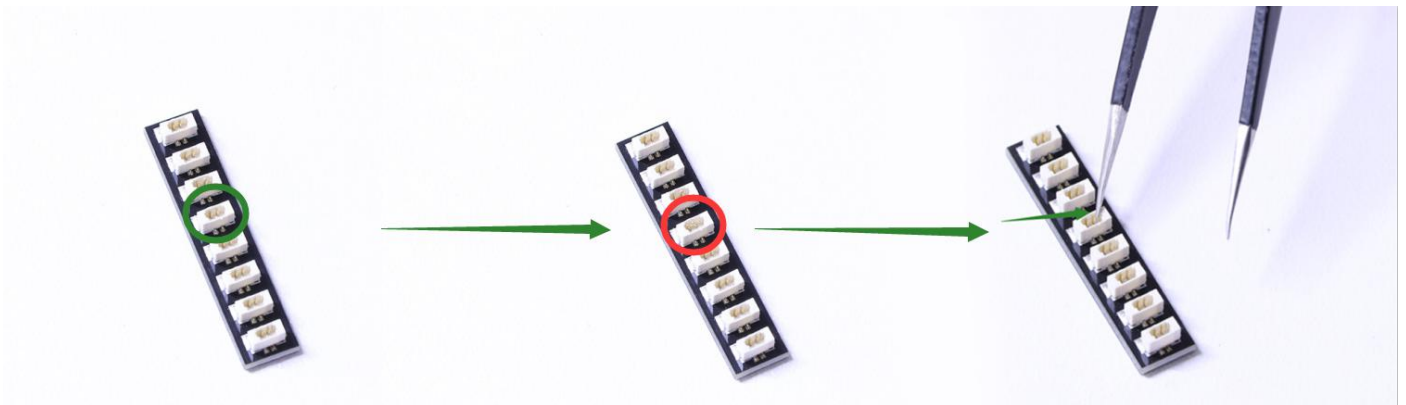


Insert the connectors to the ports.

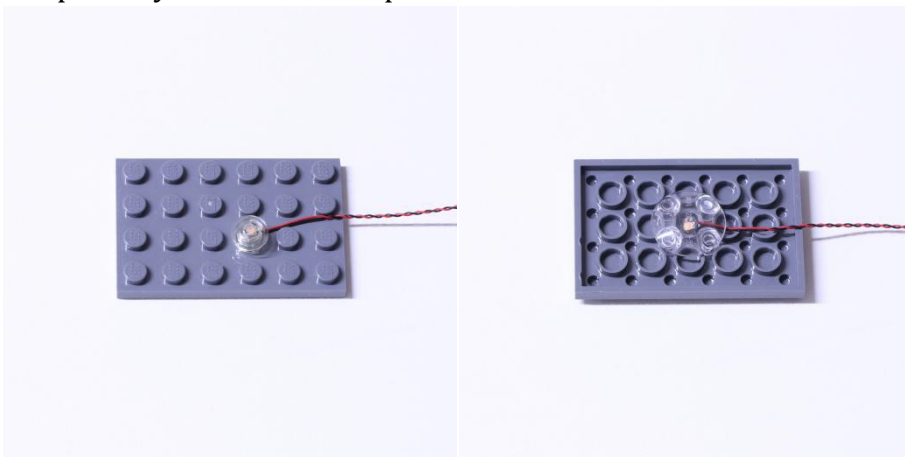
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop, 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.

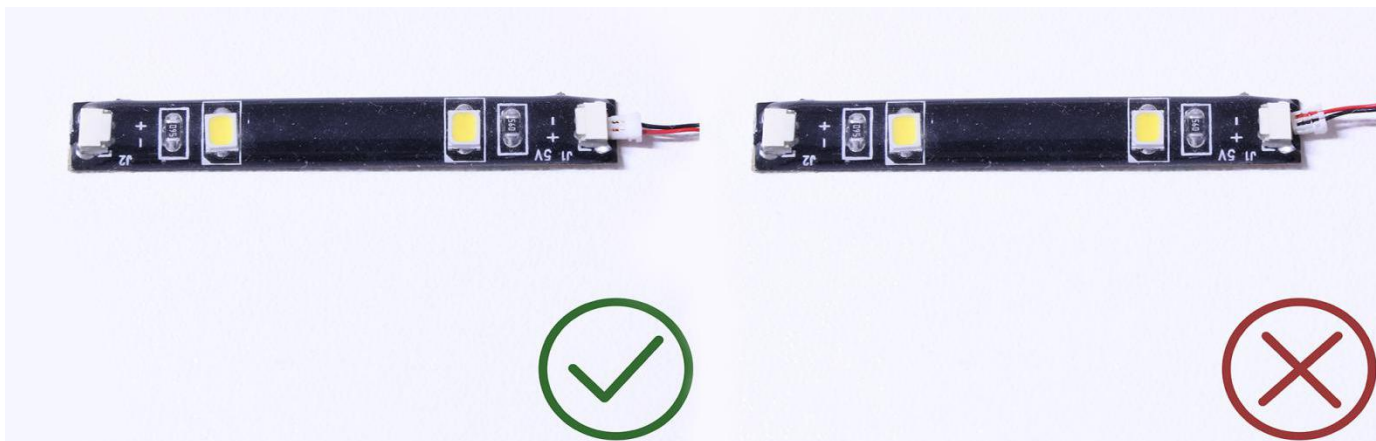


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

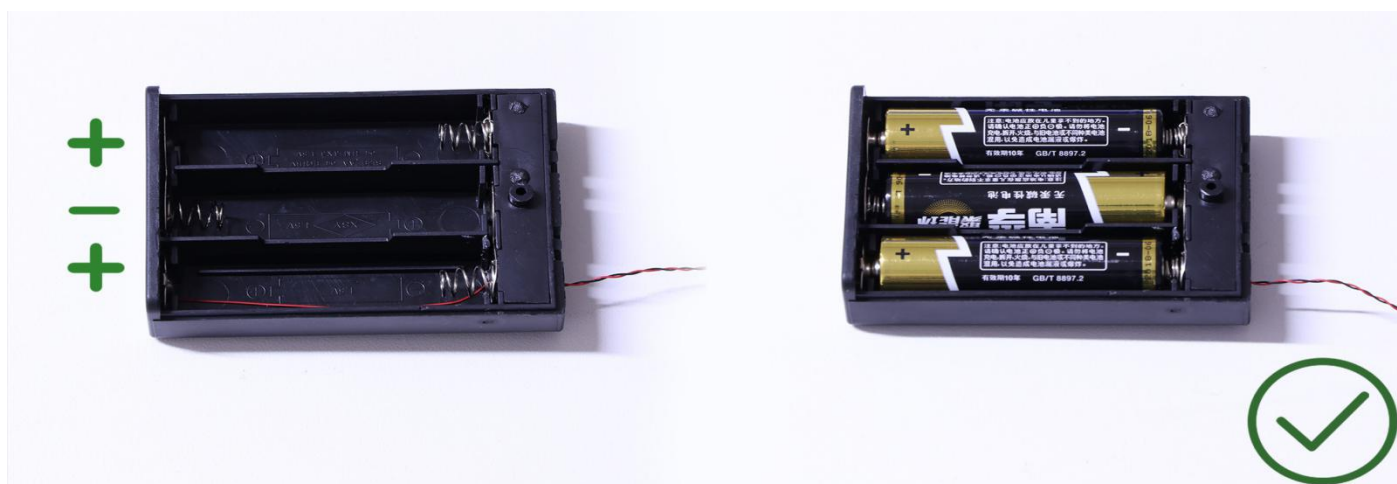


## Connecting cable connectors to Strip Lights

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.

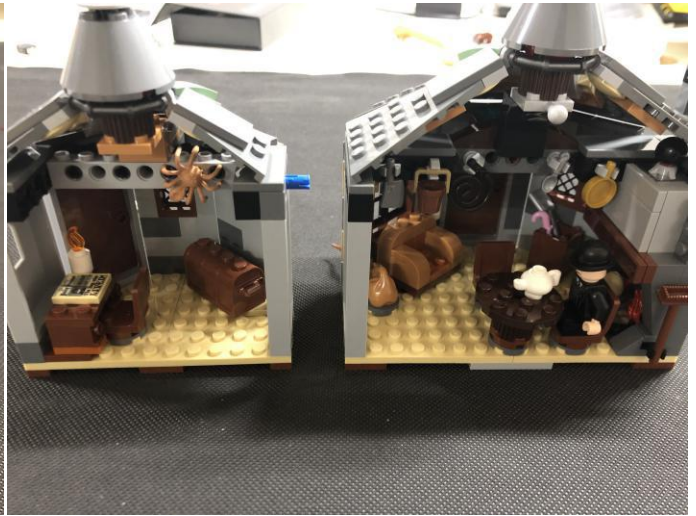




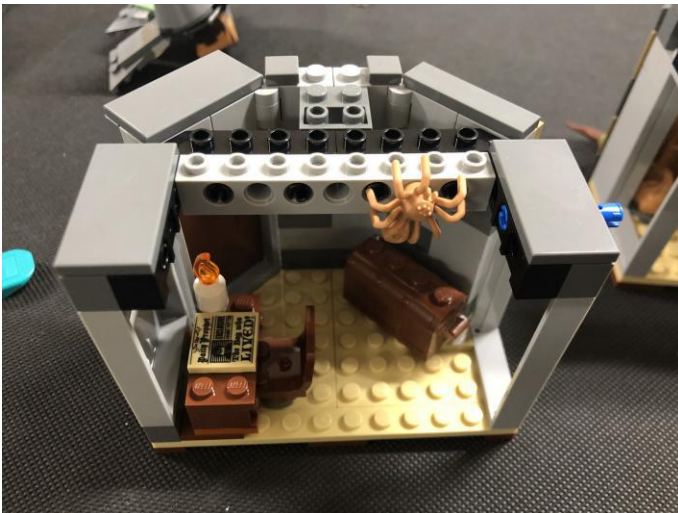
Instructions for installing this kit:

OK, Let' s Begin!

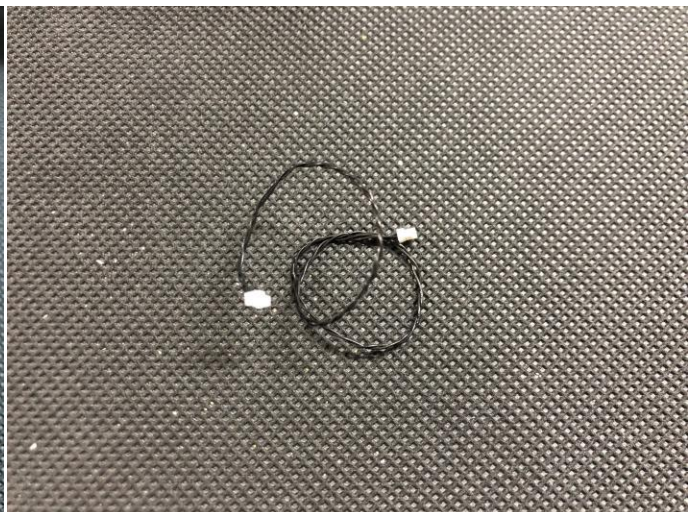
Start from separating the 2 buildings apart



Remove the roof from the smaller house

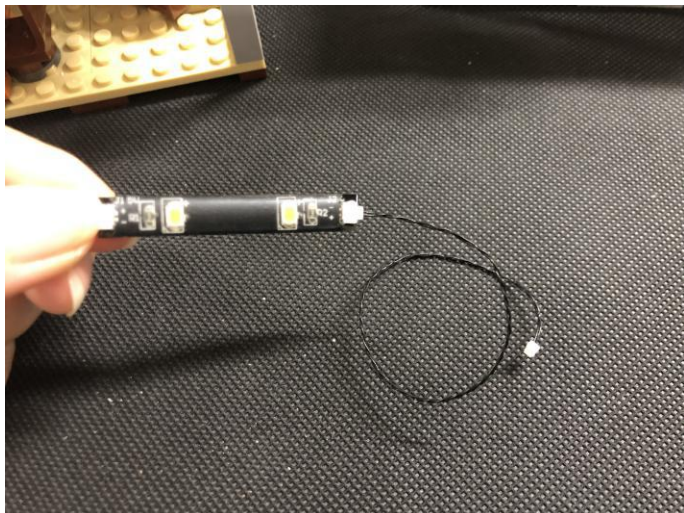


Take a warm white strip light, a 15cm connecting cable



Connect the cable to the strip light, stick the strip light to the following beam





Take a warm white 15cm dot light

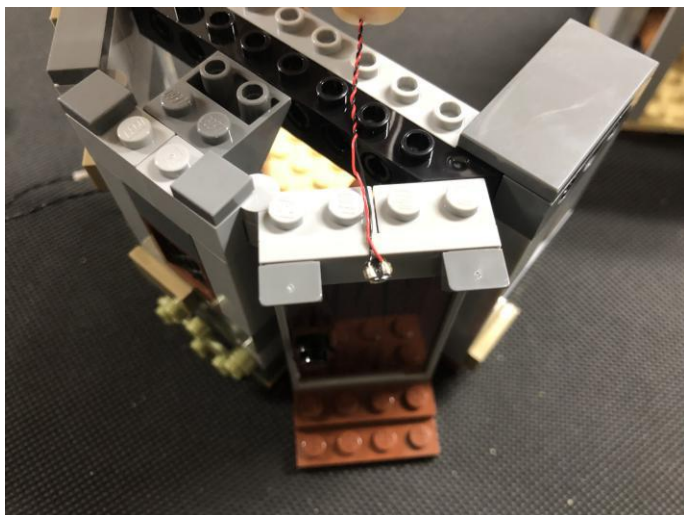


Remove the following piece

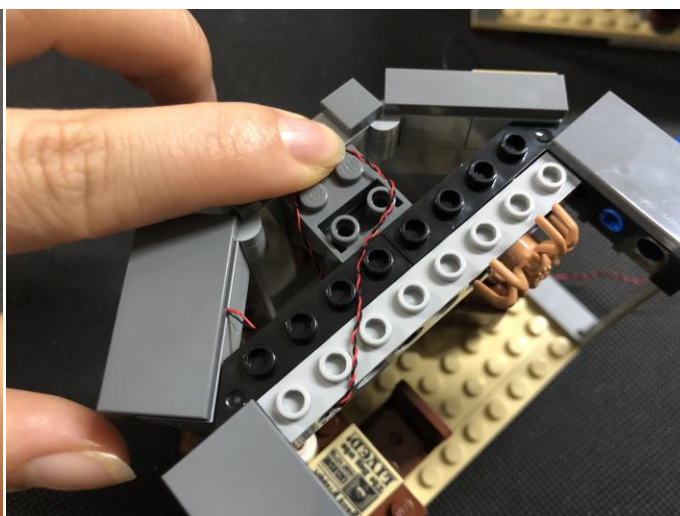
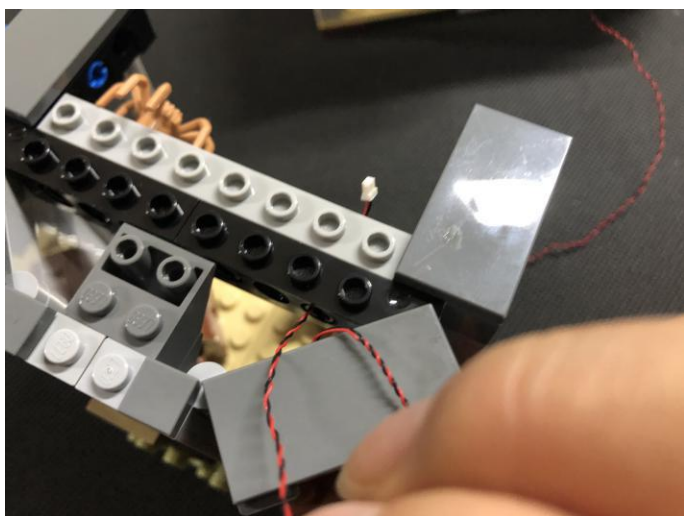


With lighting part facing down, reconnect the piece to secure the light





Thread the connector through the following hole, place the cable as per below.

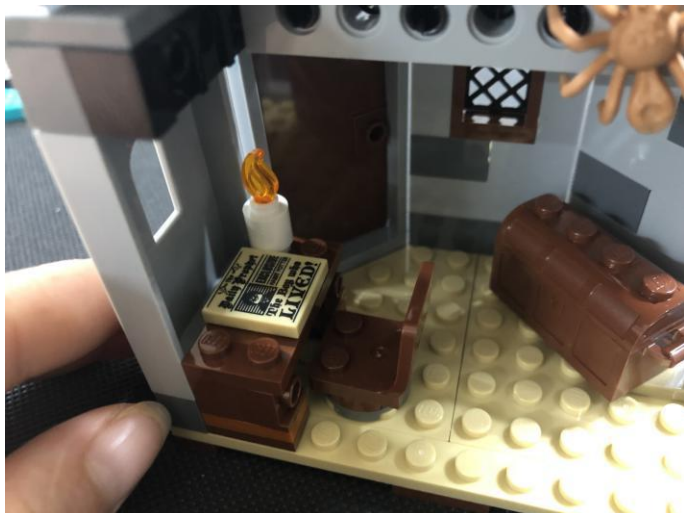


Reconnect the roof to secure the cable, connect the cable to the strip light:

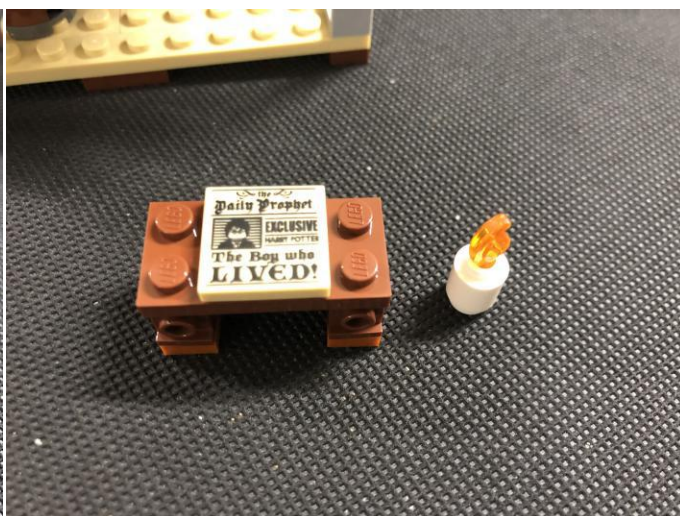


Continue to install light for the candle





Remove the following piece

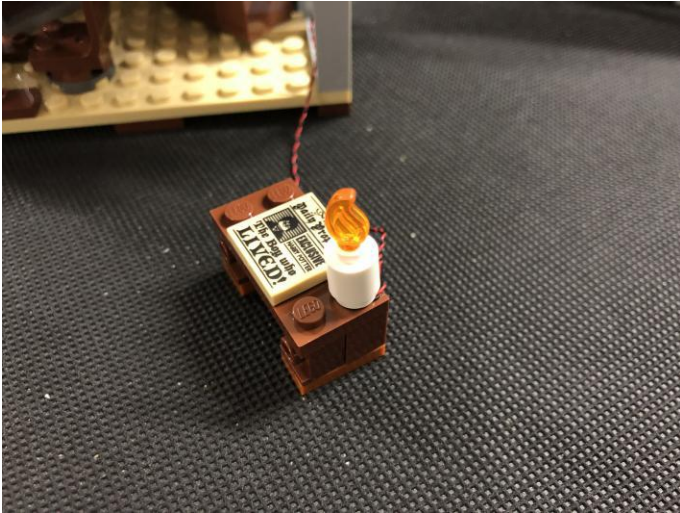


Take a warm white 15cm dot light, place the light inside the following white piece

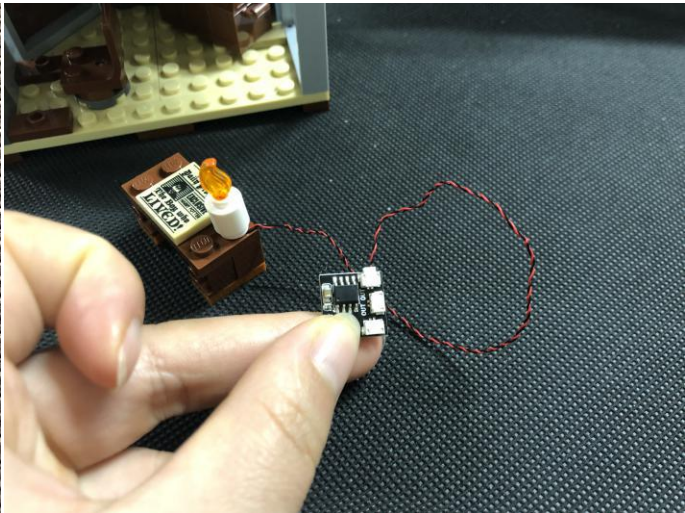


Reconnect the candle



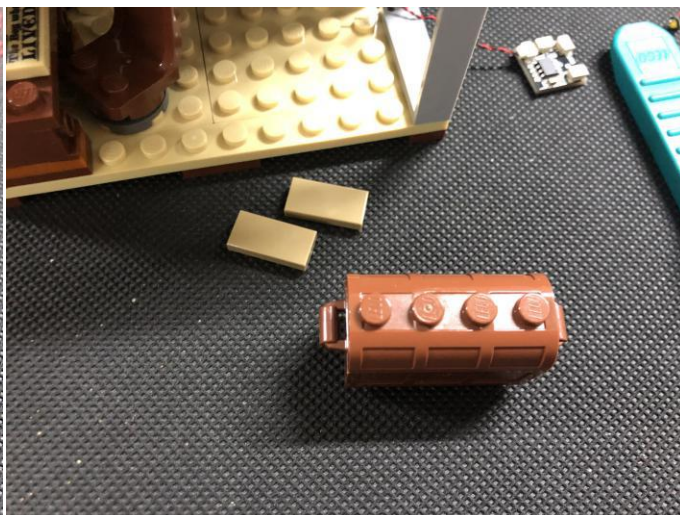
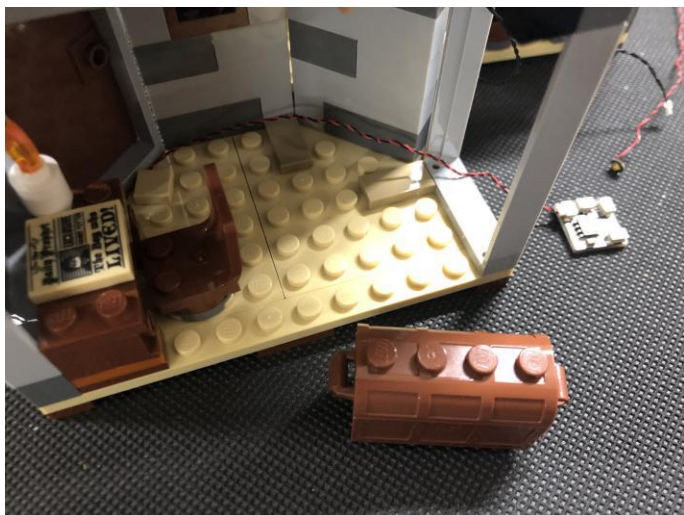


Take the Flicker Effects Board, connect the cable of the candle light to the Flicker Effects Board, reconnect the desk



Remove the following piece



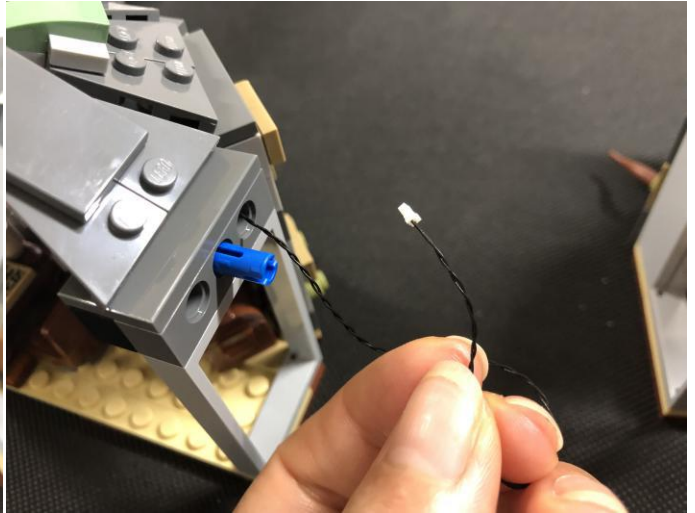
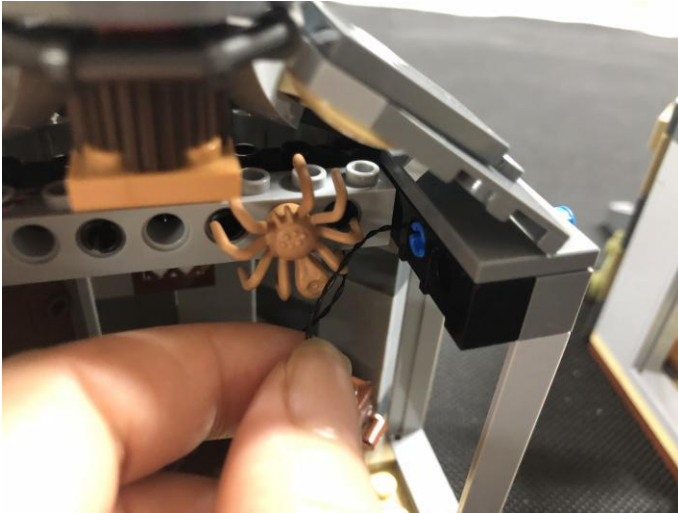


Secure the cable with the following 1x2 plate, place the Flicker Effects Board against the wall, reconnect the piece

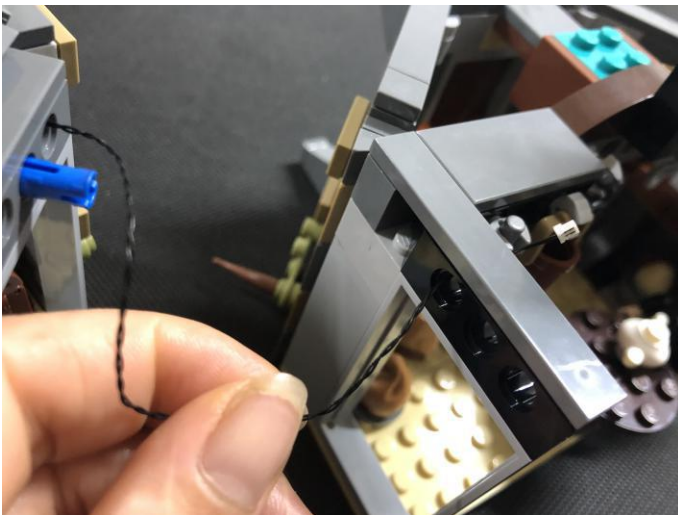


Thread the cable from the strip light through the following hole

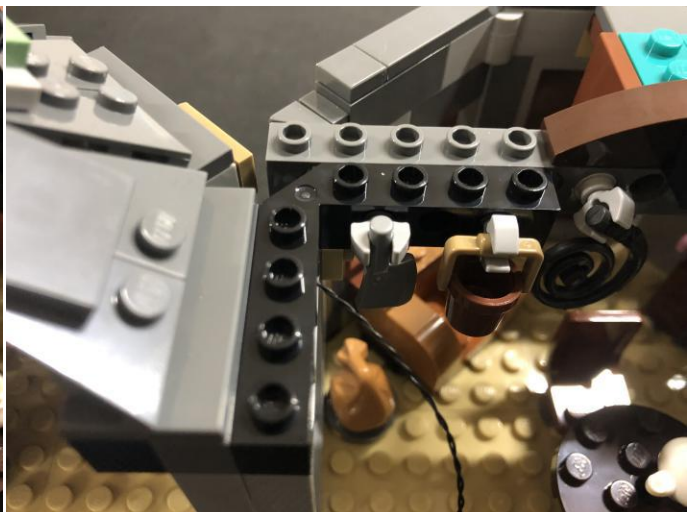
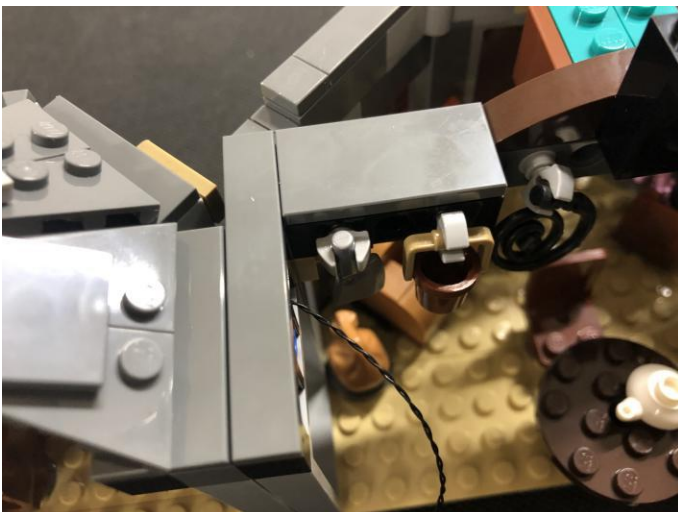




Thread it through the hole at the left side of the bigger house, connect the 2 buildings together



Remove the following pieces



Place the cable as per below, reconnect the pieces we removed before to secure the cable

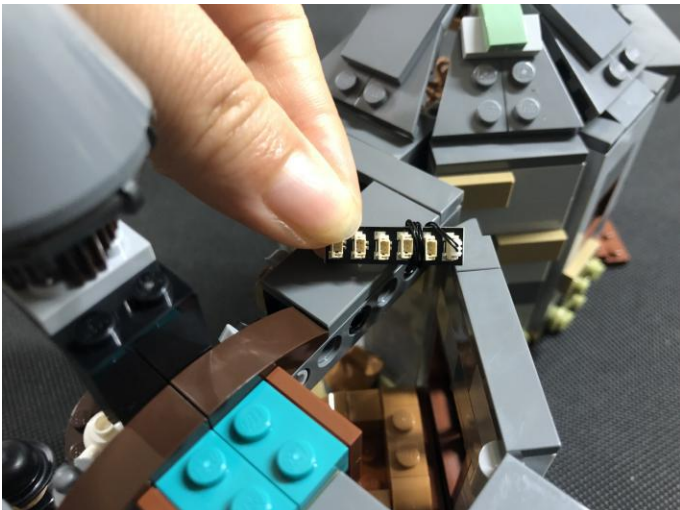




Take a 6-port expansion board, connect the cable to the expansion



Wind excess cables around the expansion board, stick the expansion board to the beam by using the adhesive squares



Move onto install lights for the bigger house  
Remove the following pieces from the roof

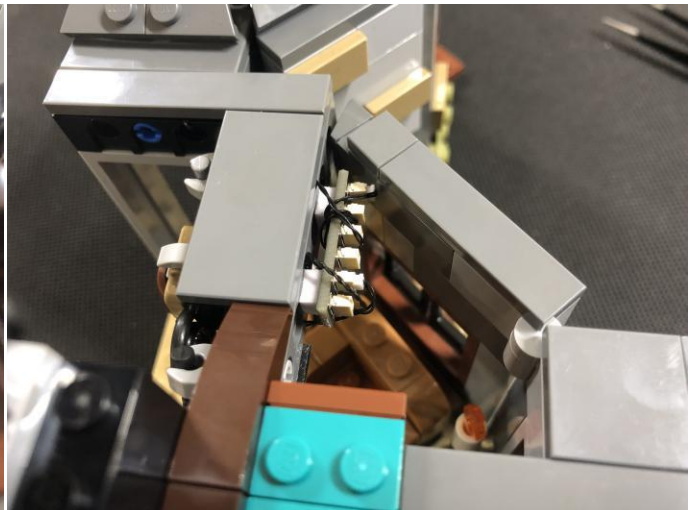




Take a warm white strip light, a 5cm connecting cable, connect the cable to the strip light as per below

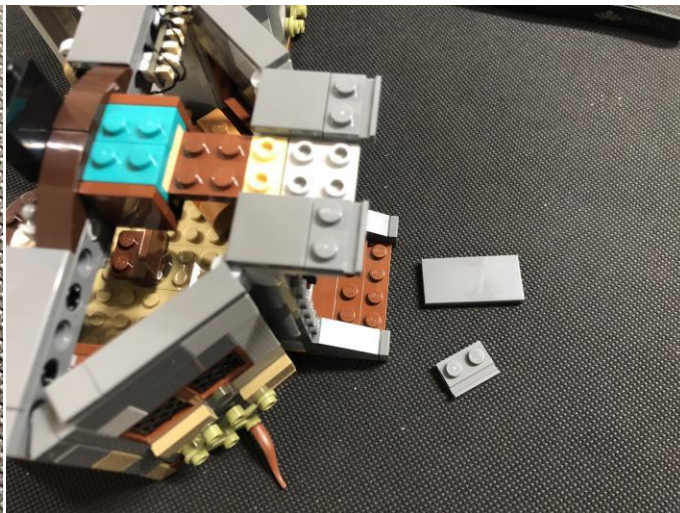


Stick the strip light to the beam, connect the cable to the expansion board

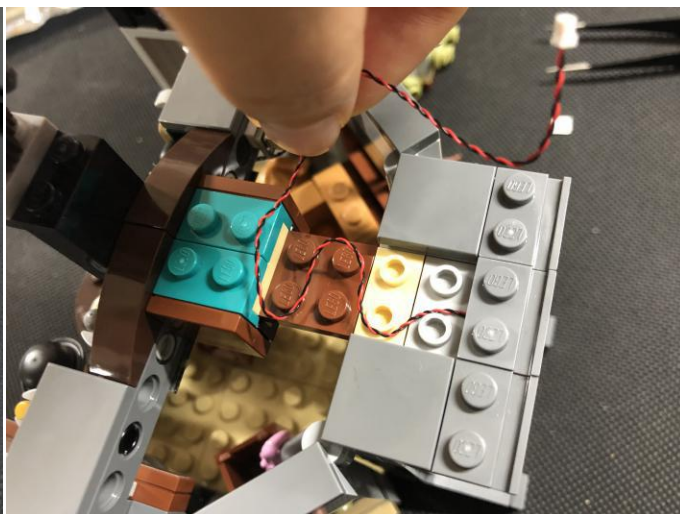
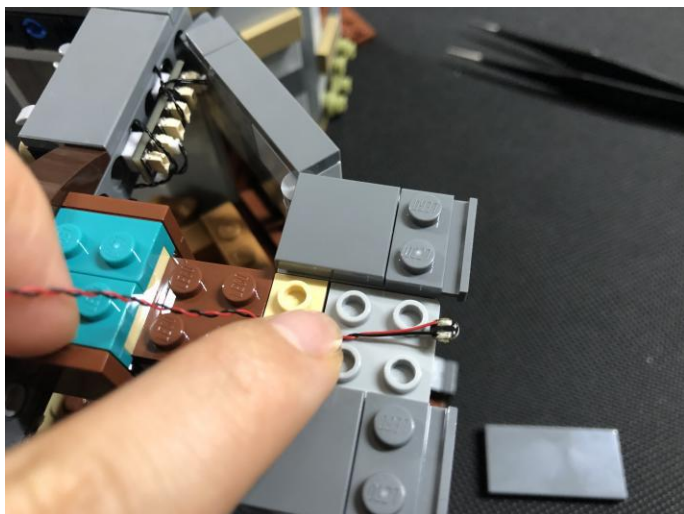


Take a warm white 15cm dot light, remove the following pieces



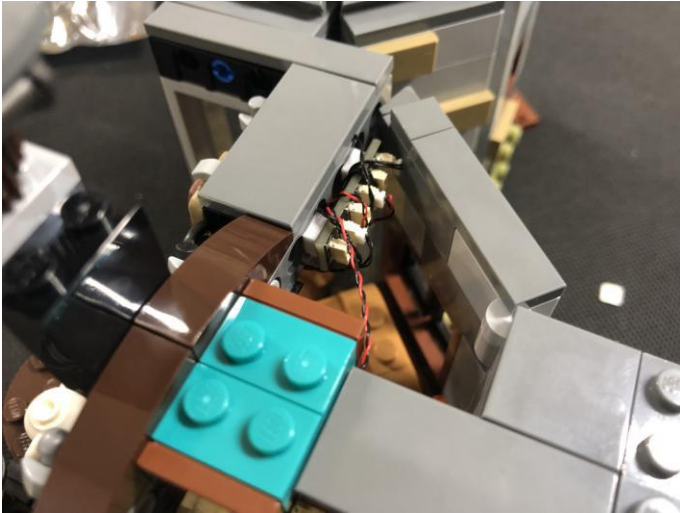


With lighting part facing down, reconnect the pieces to secure the light

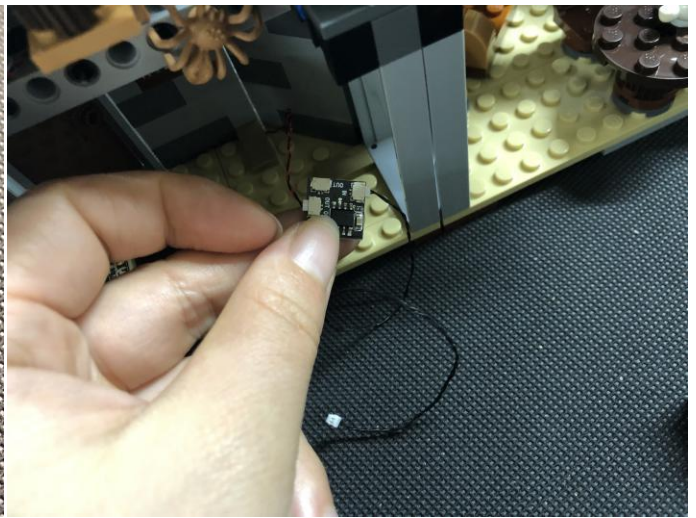
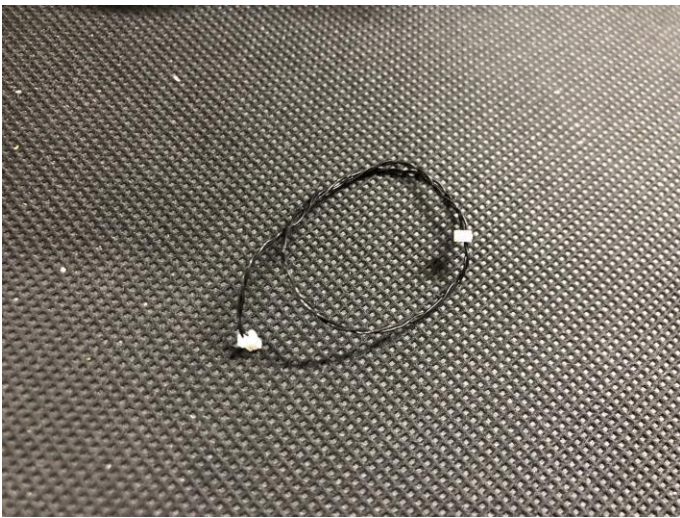


Connect the connector of the light to the expansion board

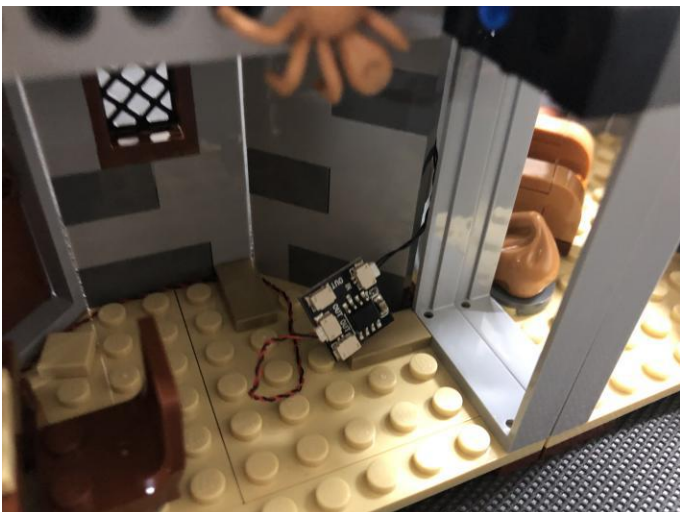




Take a 15cm connecting cable, remove the box in front of the Flicker Effects Board, connect the cable to the output port Flicker Effects Board



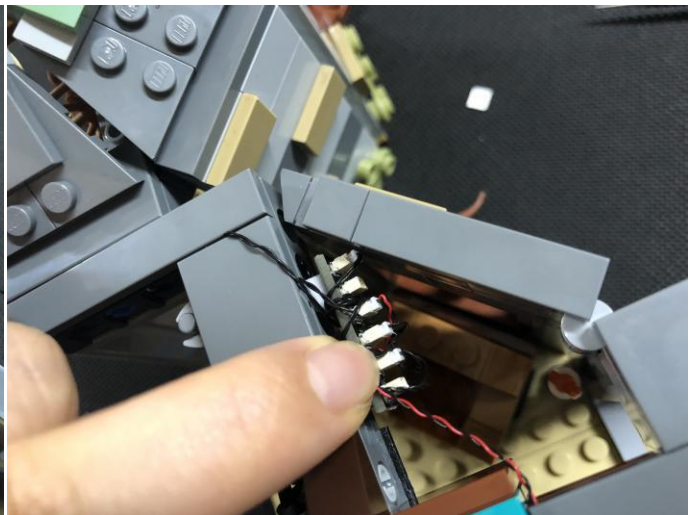
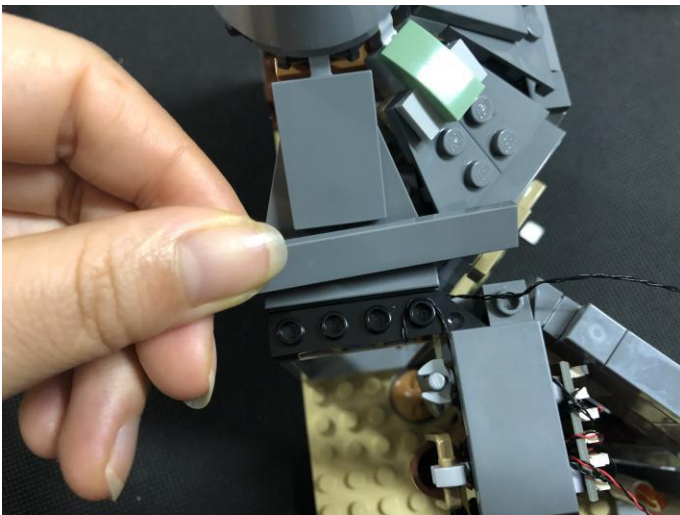
Thread the connecting cable through the following space, reconnect the box:



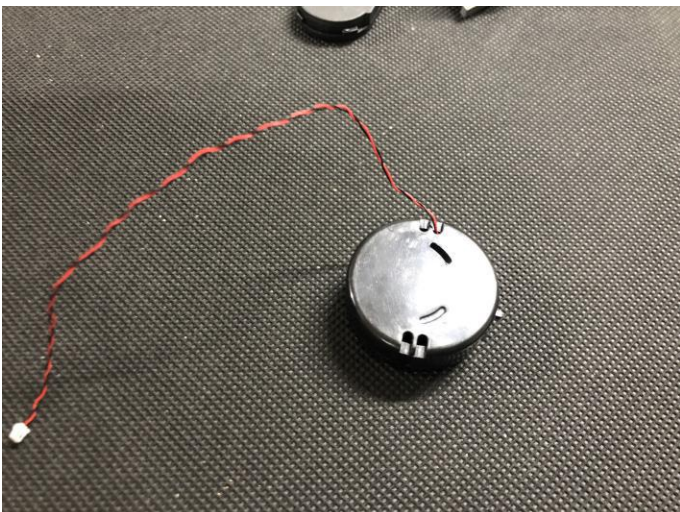




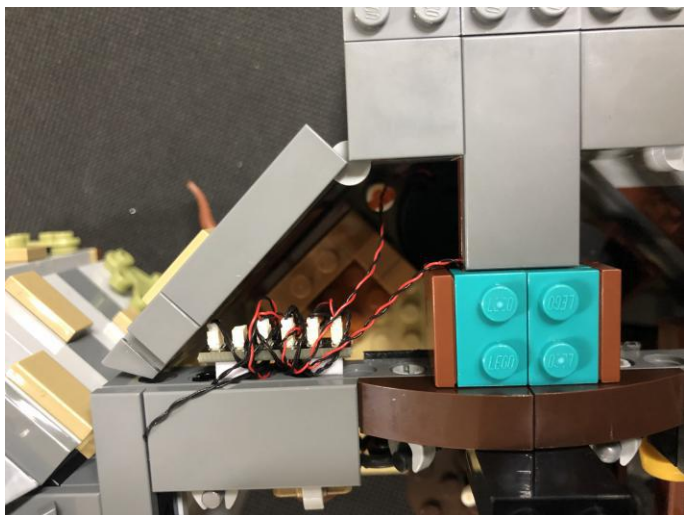
Remove the following piece, place the cable, reconnect the pieces, connect the cable to the expansion board



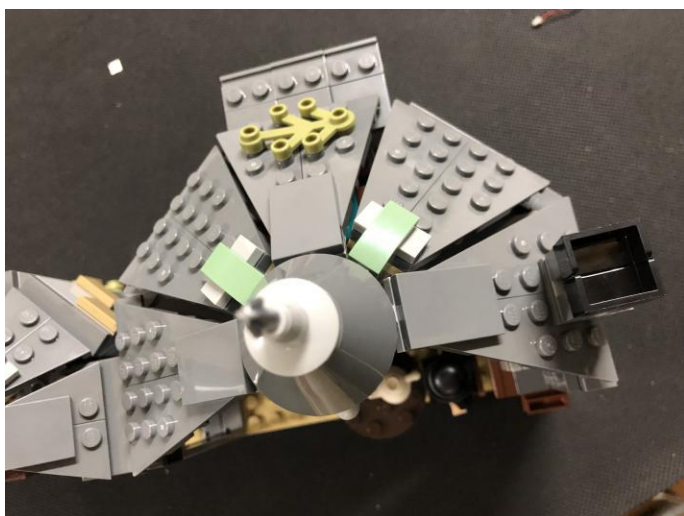
Take the Round Coin Cell Battery Pack, place it at the door



Connect the cable of the battery pack to the expansion board



Reconnect the pieces back to the roof



This completes installation of this LED Lighting Kit. ENJOY!



