

# Elf Club House # Lego Light Kit for 10275 Sound and Light Version

Thank you for choosing our lighting products. We are committed to LEGO product study and lighting development, we're always trying our best to provide LEGO fans with the best products and the best installation ideas.

Must be careful observation, imagination can be infinite.

We provide basic parts to support your imagination.

DO IT YOURSELF .that's what LEGO is .

As always, Lego has been adhering to the DIY philosophy from product selection, research and development to sales. Consumers buy the parts, you will assemble them by yourself, and you can experience every step from picking up the first piece to installing the last one. Besides, LEGO has different answers for the installation form and method of each part. Vonado lighting also does not want to kill your unlimited creativity, we will try our best to make products with high variability, high playability and unlimited play. If you have any dissatisfaction or your own ideas on the parts such as the color of the lights, the length of the cables, the installation position of the product, and the final effects of each module, you can make your own arrangement, and we will cooperate with you to replace or repurchase.

LETS MOVE!

## Package contents:

- 2 x 30cm Multi Colour Flashing Lights
- 2 x 15cm Red Dot Lights
- 5 x 15cm Warm White Dot Lights
- 1 x 15cm Green Dot Light
- 1 x 15cm White Dot Light
- 2 x 15cm Yellow Dot Lights
- 1 x 15cm Head Light
- 2 x 30cm Head Lights
- 1 x Warm White Strip Light
- 2 x 15cm Multi Colour Slow Flashing Lights
- 1 x 30cm Multi Colour Slow Flashing Light
- 3 x 15cm Connecting Cables
- 1 x 5cm Connecting Cable
- 1 x 6-port Expansion Board
- 2 x 12-port Expansion Boards
- 1 x USB Cable
- 1 x Acousto-optic Control Switch Board

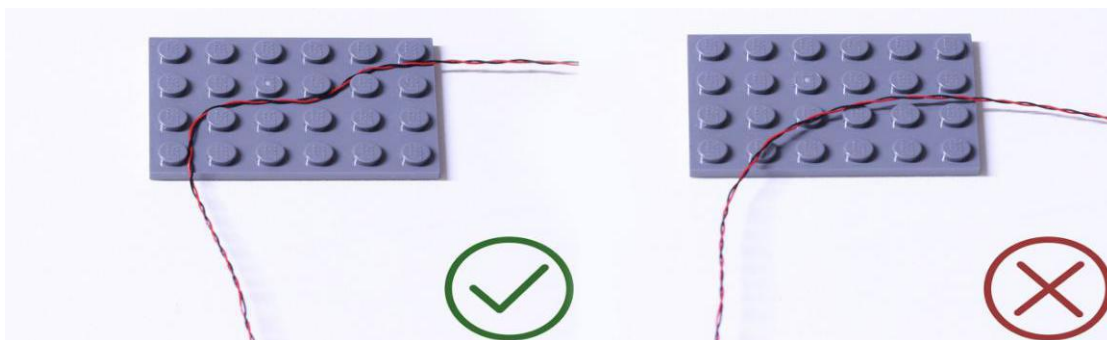
Extra pieces



## Note:

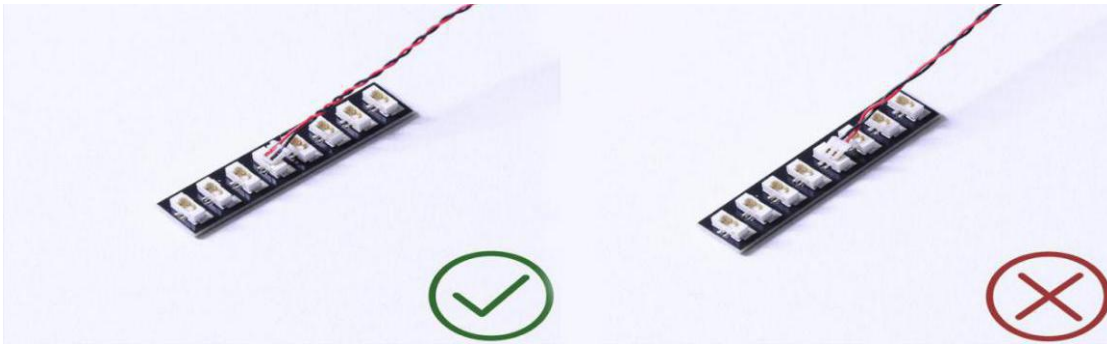
Place wires on the surface or under the building blocks.

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

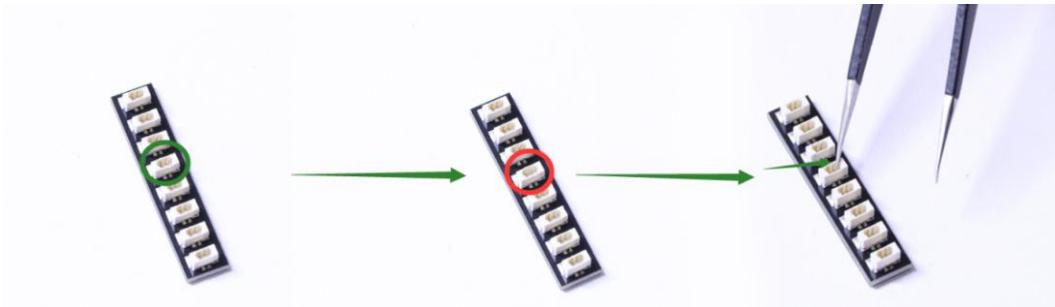


Insert the connectors to the ports.

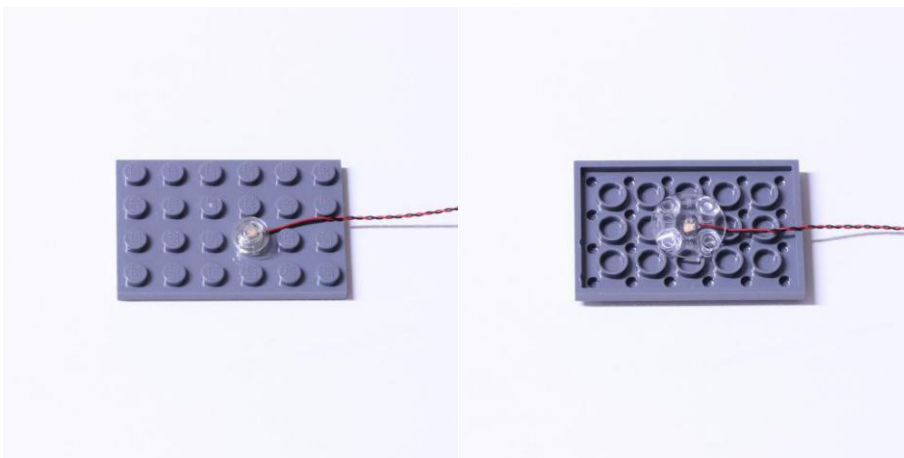
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop,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

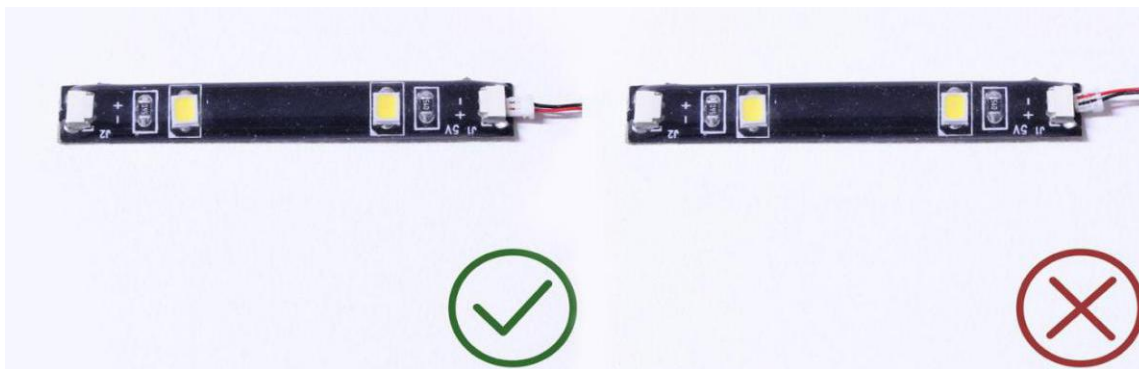


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

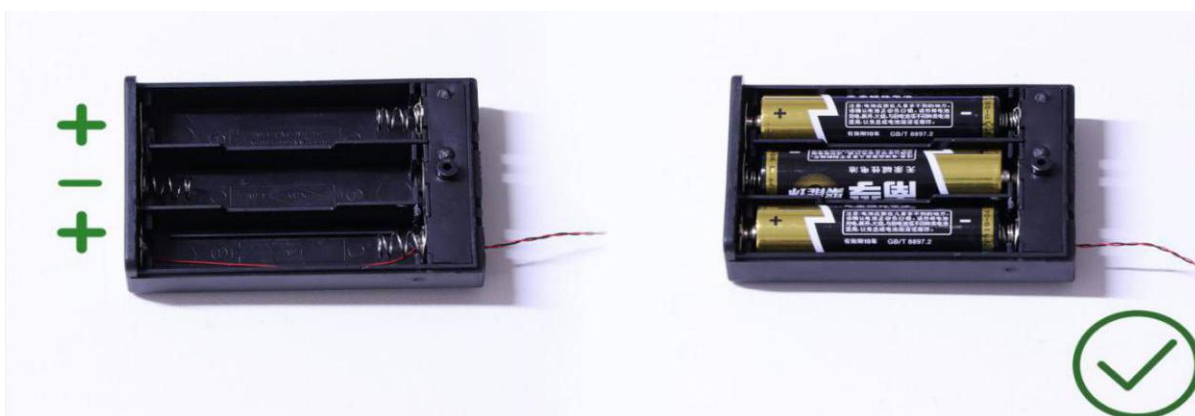


### Connecting cable connectors to Strip Lights

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.





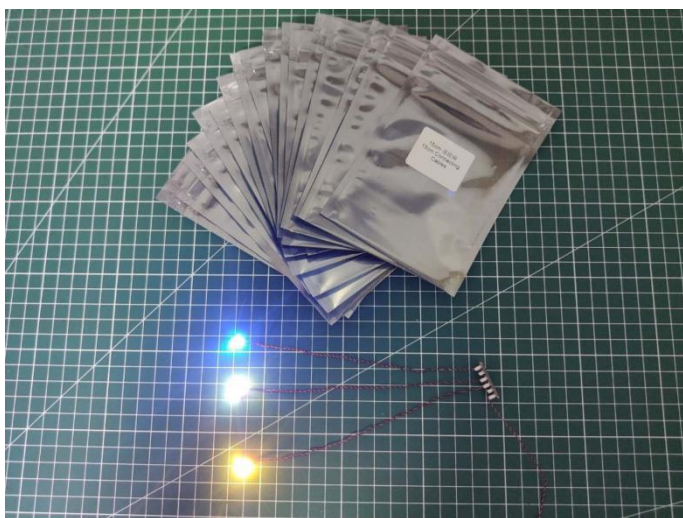
## Instructions for installing this kit:

Elf Magic House, Acousto-optic Control Version, Lighting Kit, 17 bags in total, 16 bags with labels, 1 bag without label, as per below:

Power supply: USB cable (self-contained power bank or mobile phone charger).



Firstly, take the power source (power bank or mobile phone charger), connect it to the USB cable, connect the other end of the USB cable to the expansion board to verify all the lights one by one.

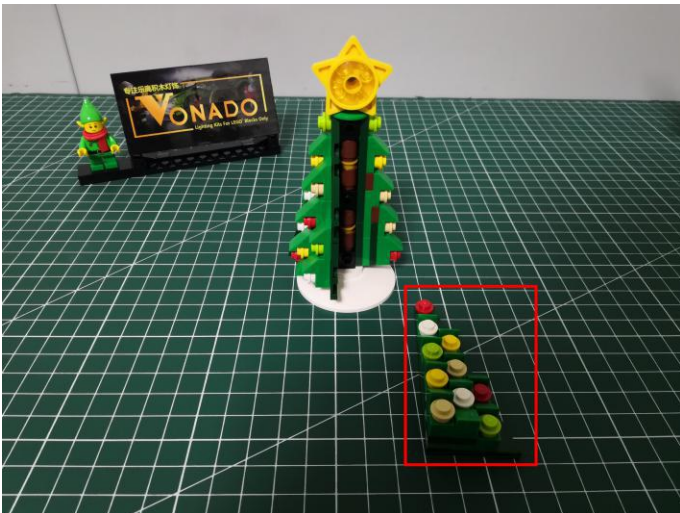


## Instructions for installing this kit:

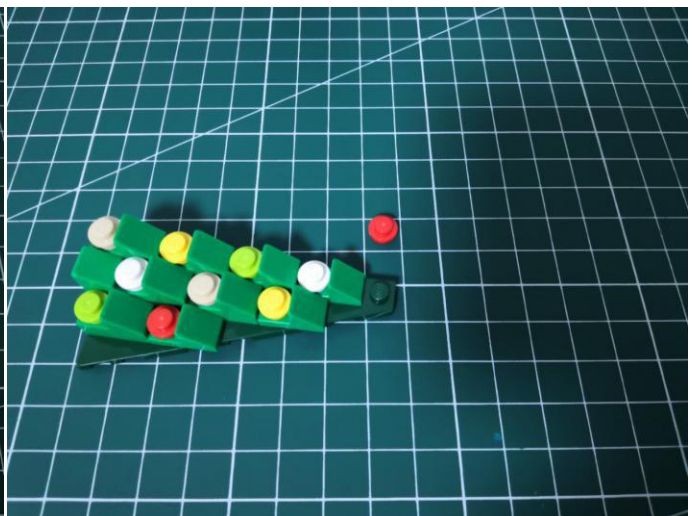
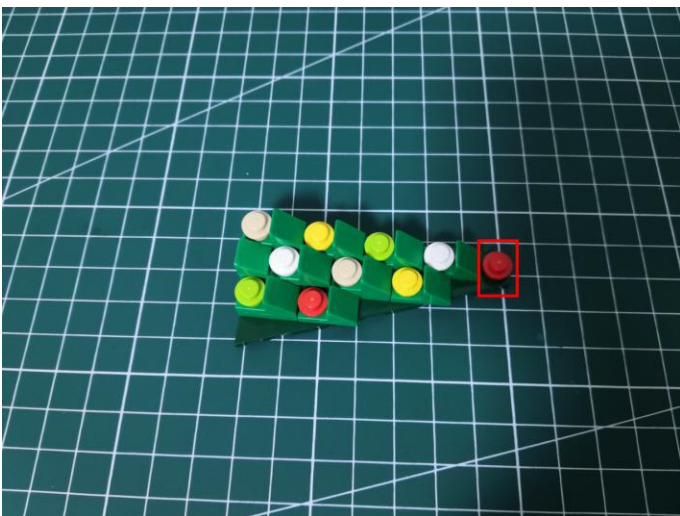
Take the Christmas tree.



Remove the following piece from the right.

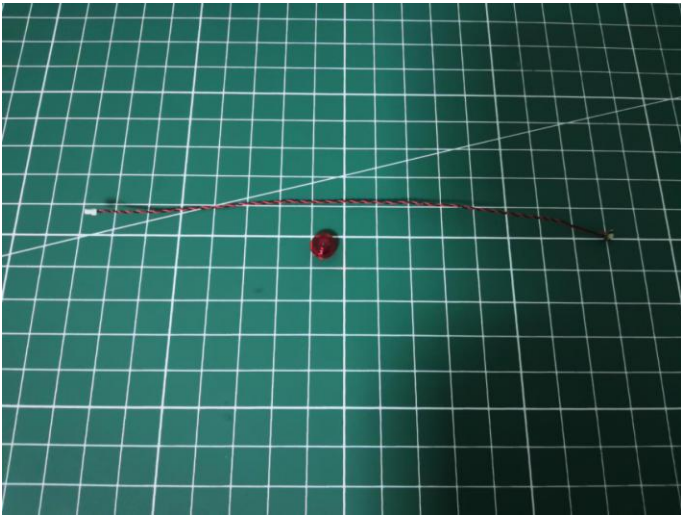


Remove the following red round plate.

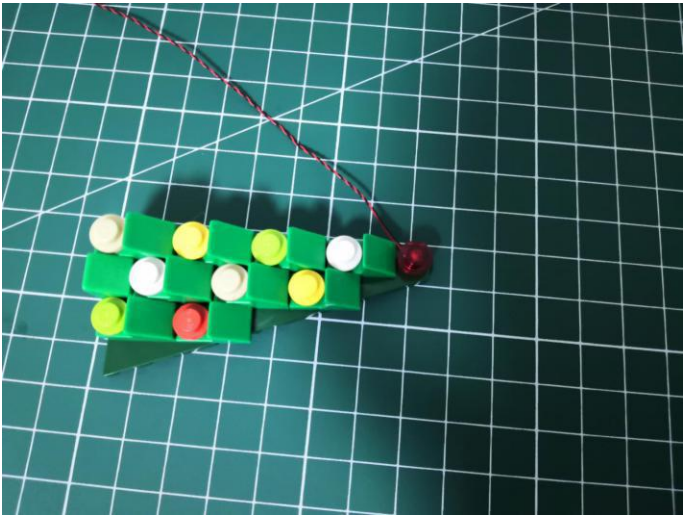
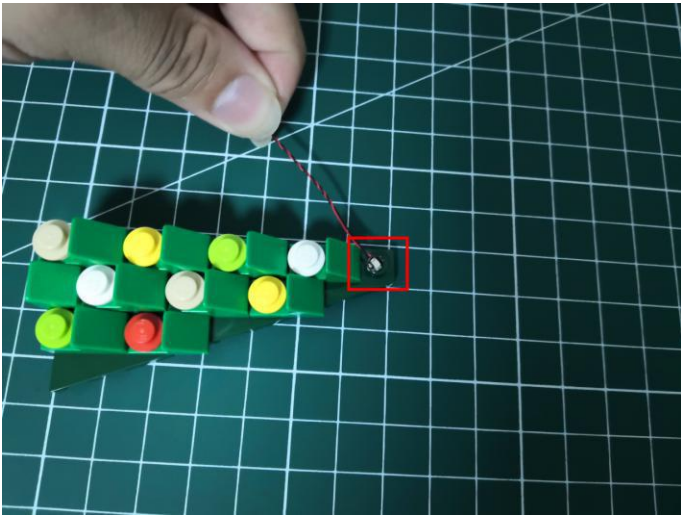


Take a 15cm red dot light, a trans red 1x1 round plate.

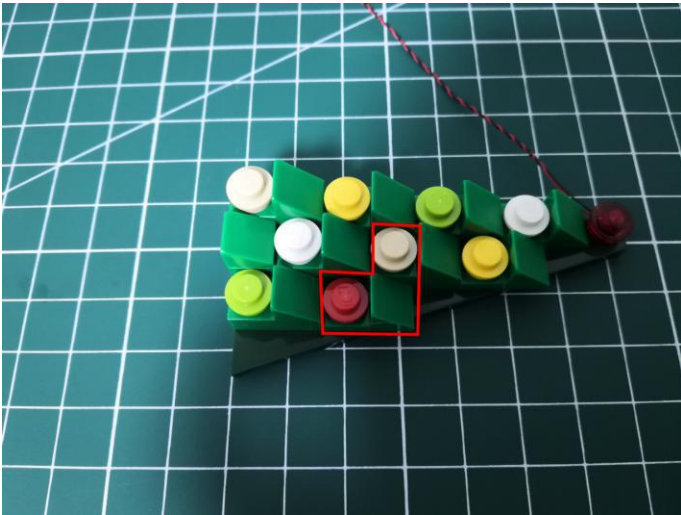




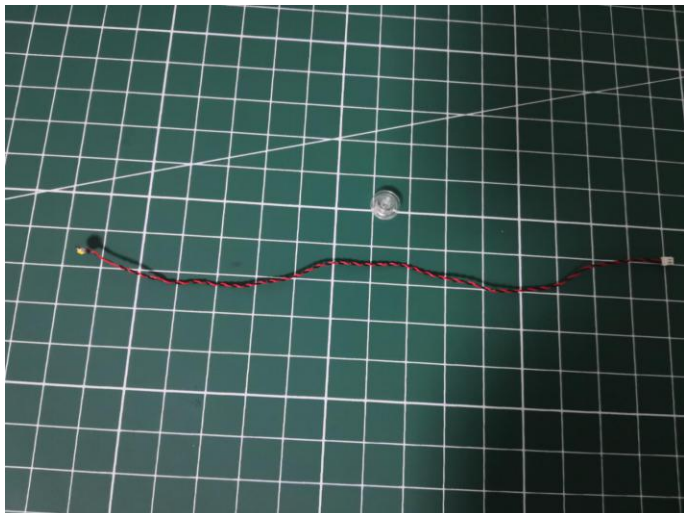
With lighting part facing up, connect the trans red round plate over.



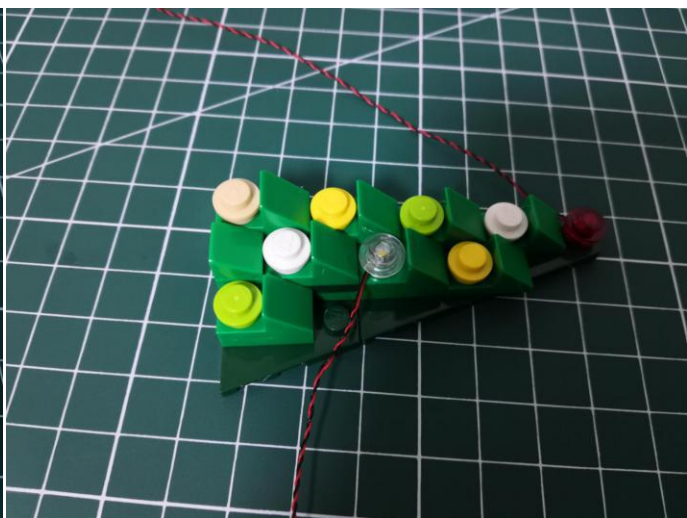
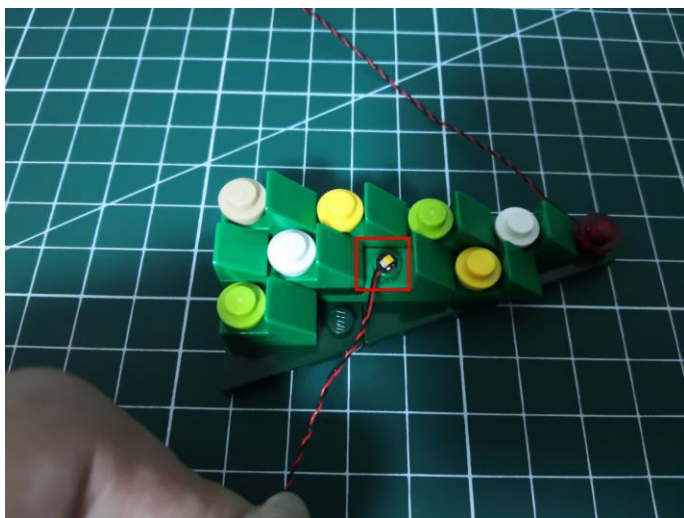
Remove the following beige round plate and the red round plate.



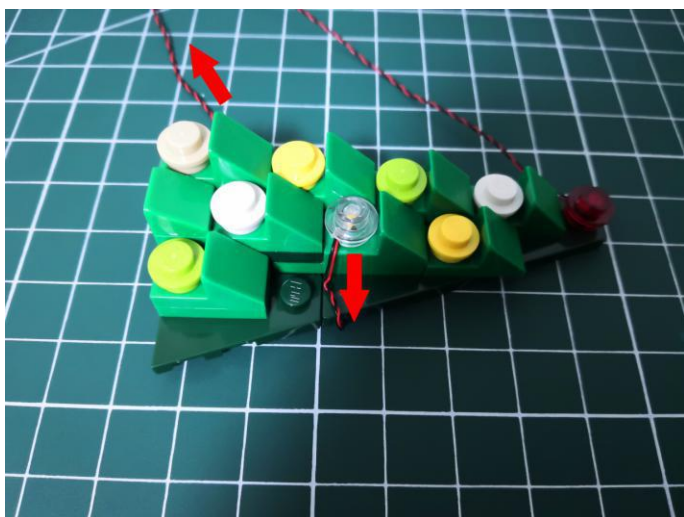
Take a 15cm warm white dot light, a trans white 1x1 round plate.



With lighting part facing up, connect the trans white round plate over.

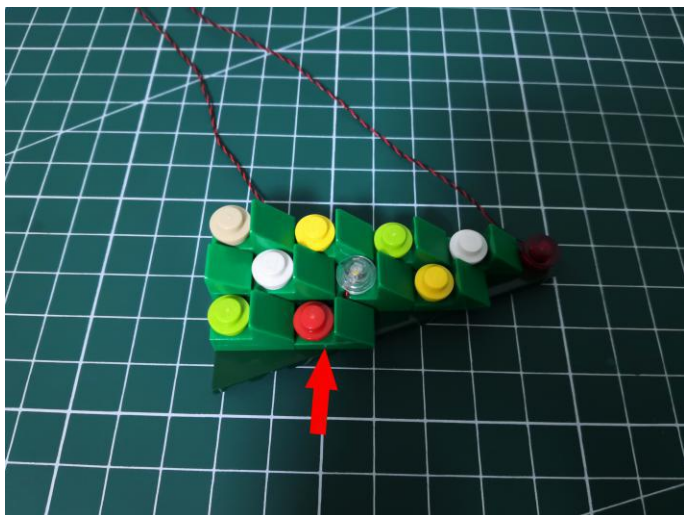


Pull the cable backward as per below.



Reconnect the red round plate to secure the cable as per below.

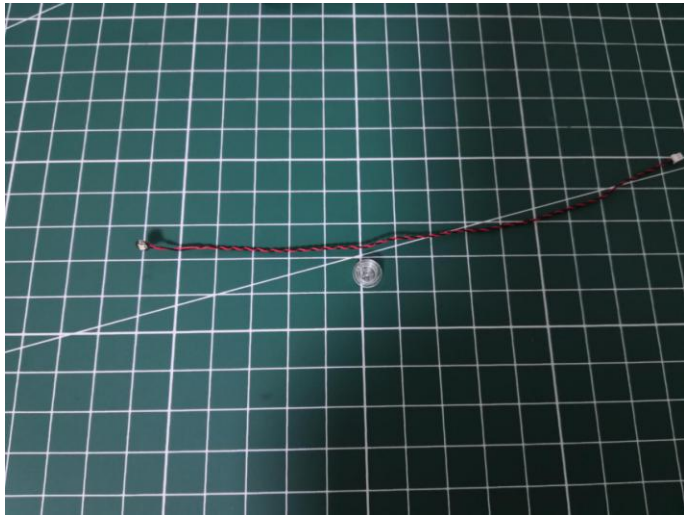




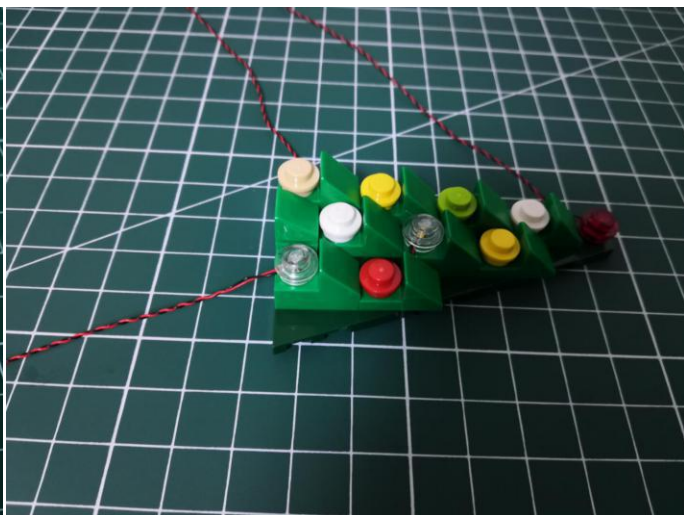
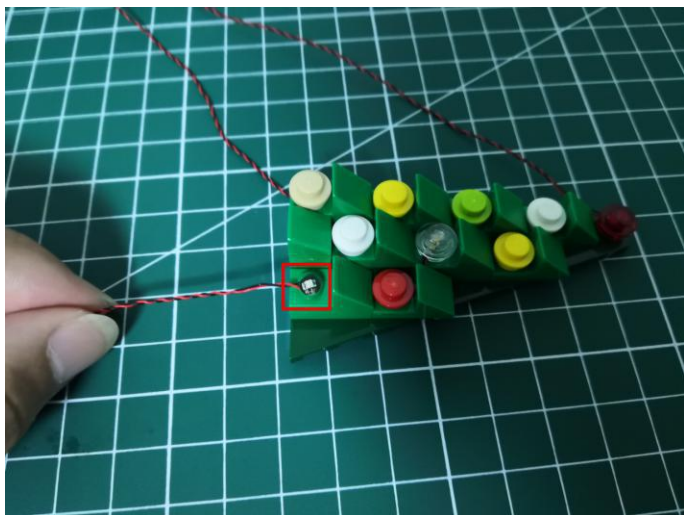
Remove the following green round plate.



Take a 15cm green dot light, a trans white 1x1 round plate.



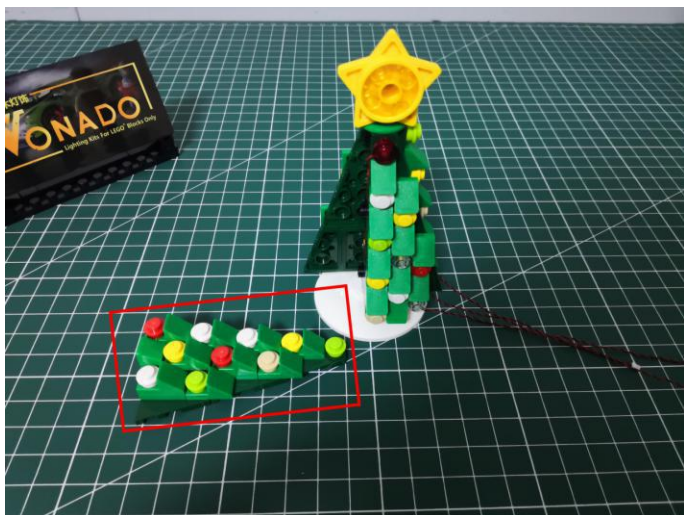
With lighting part facing up, connect the trans white round plate over.



Reconnect the piece back to the right side as per below.



Remove the following piece from the left side.

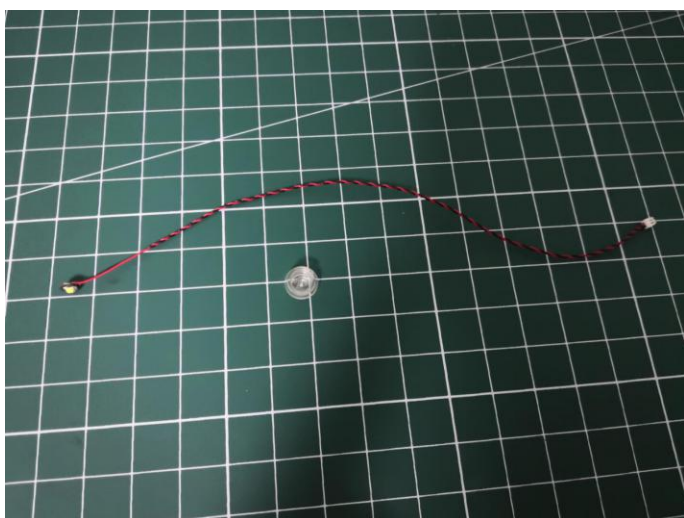


Remove the following white round plate.

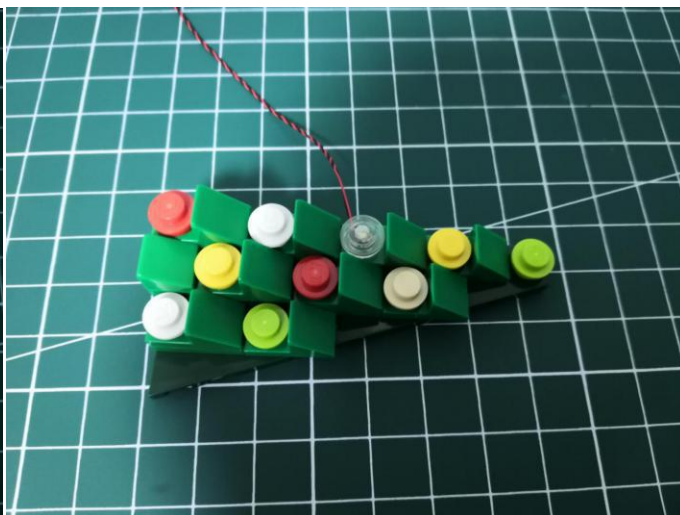
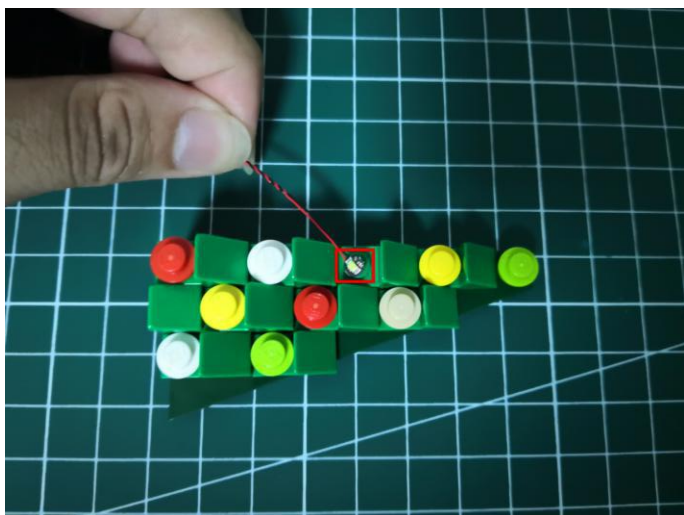




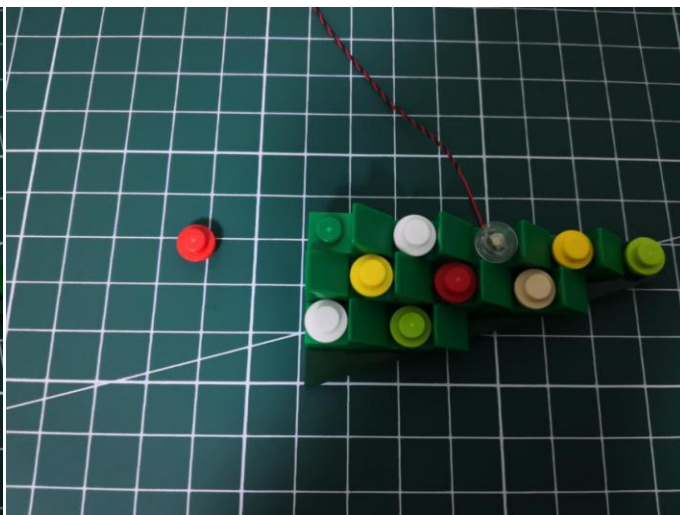
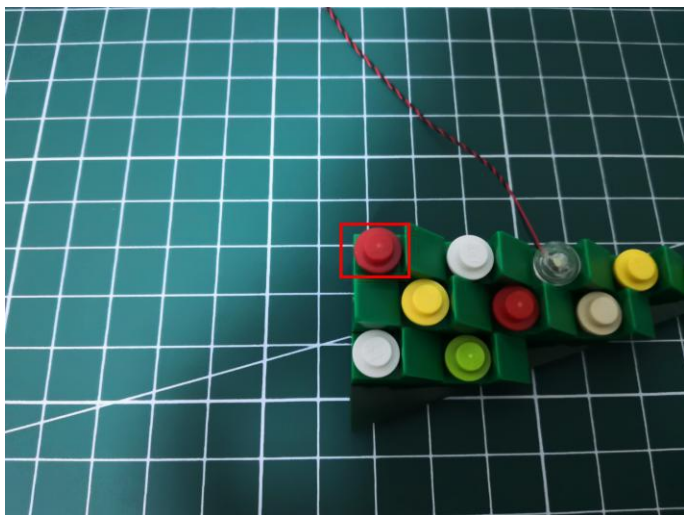
Take a 15cm white dot light, a trans white 1x1 round plate.



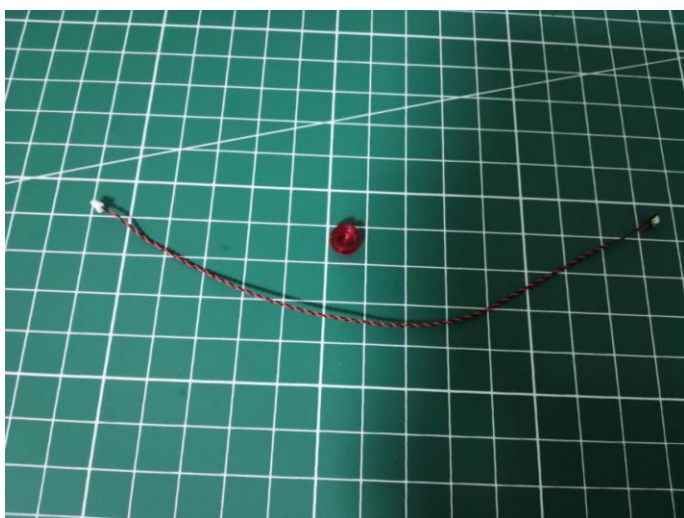
With lighting part facing up, connect the trans white round plate over.



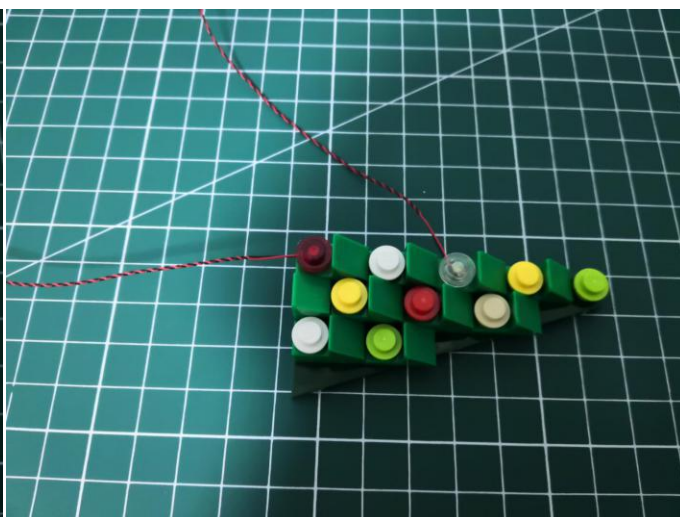
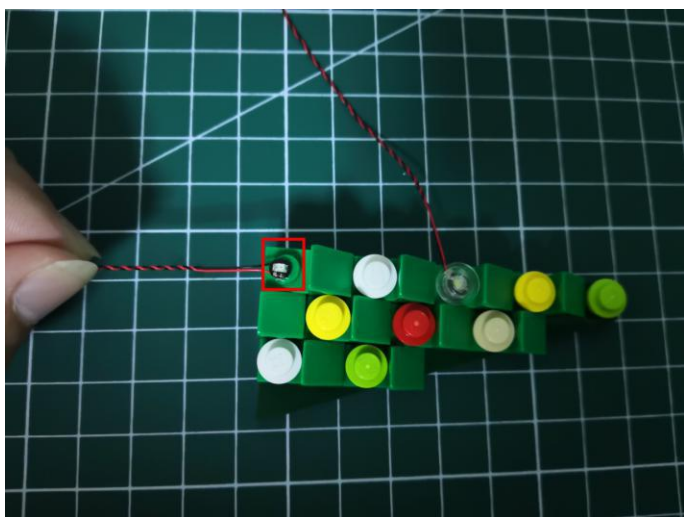
Remove the following red round plate.



Take a 15cm red dot light, a trans red 1x1 round plate.



With lighting part facing up, connect the trans red round plate over.



Reconnect the piece back to the left side as per below.

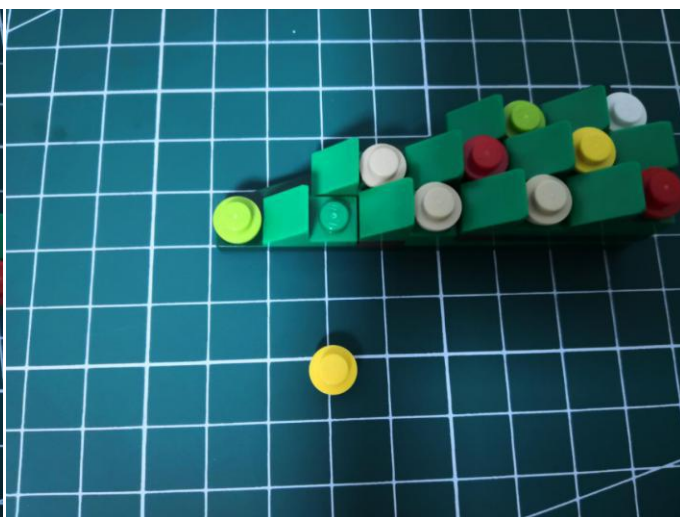
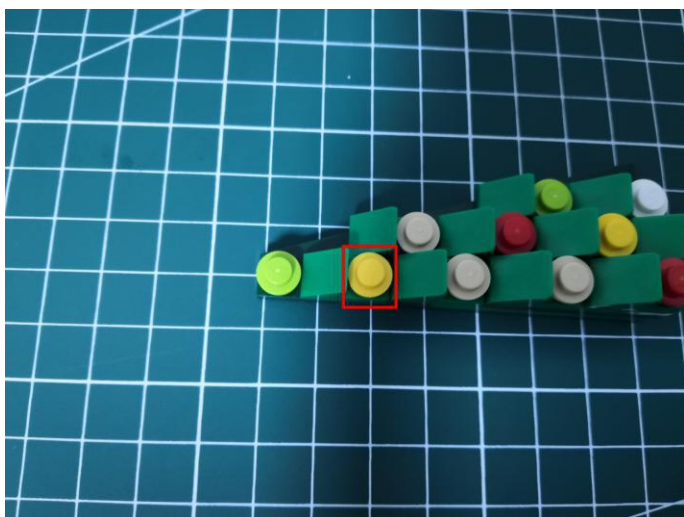




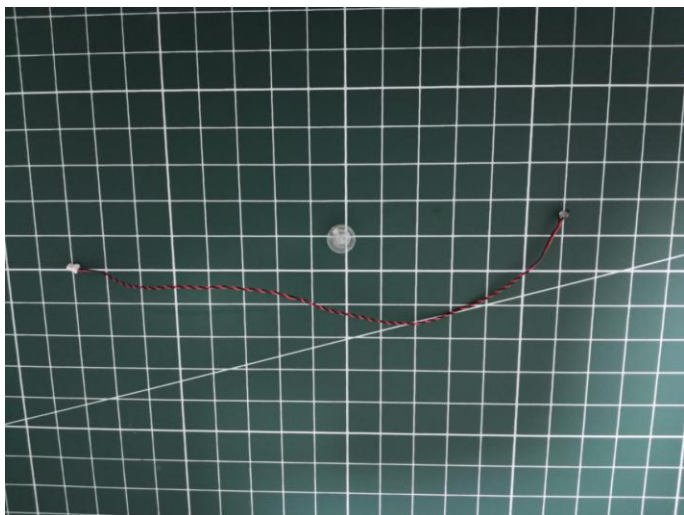
Remove the following piece from the back.



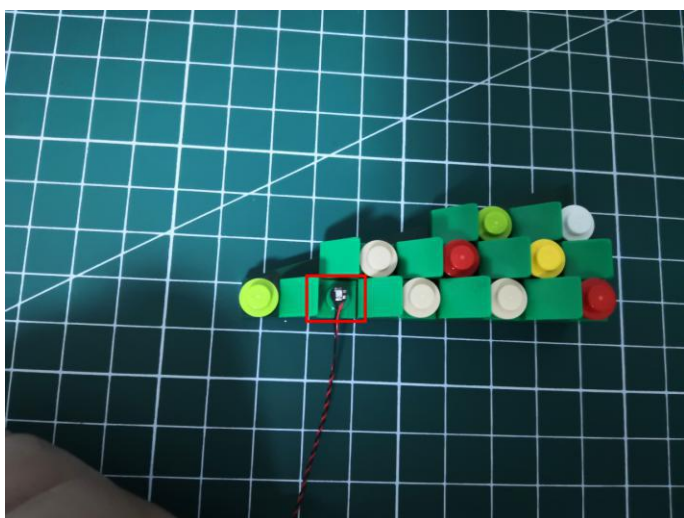
Remove the following yellow round plate.



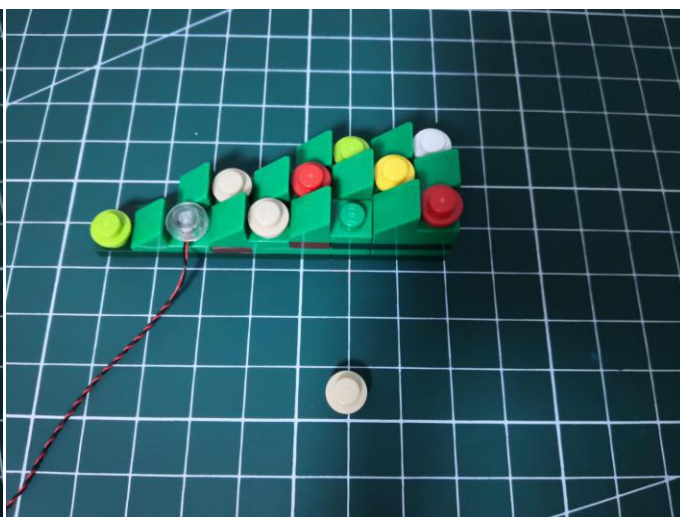
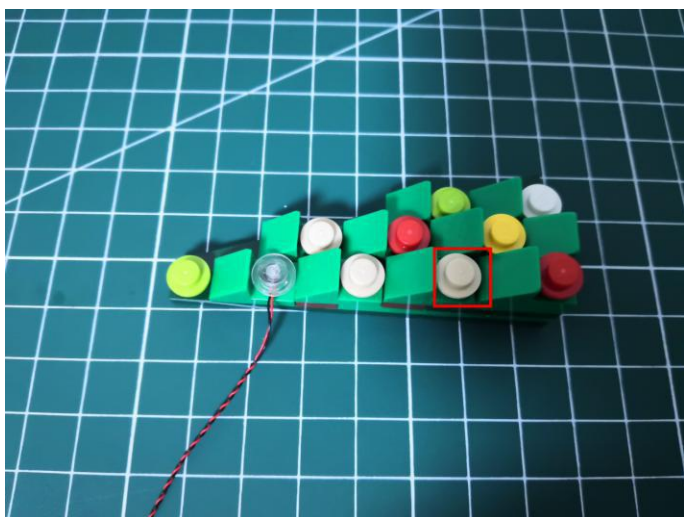
Take a 15cm yellow dot light, a trans white 1x1 round plate.



With lighting part facing up, connect the trans white round plate over.

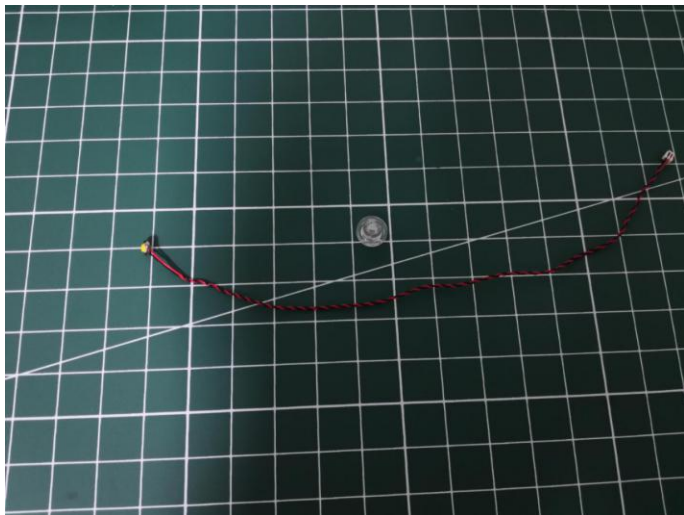


Remove the following beige round plate.

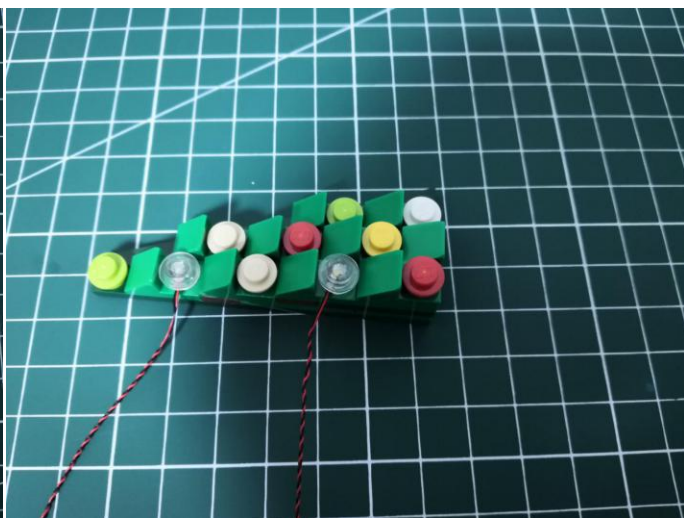
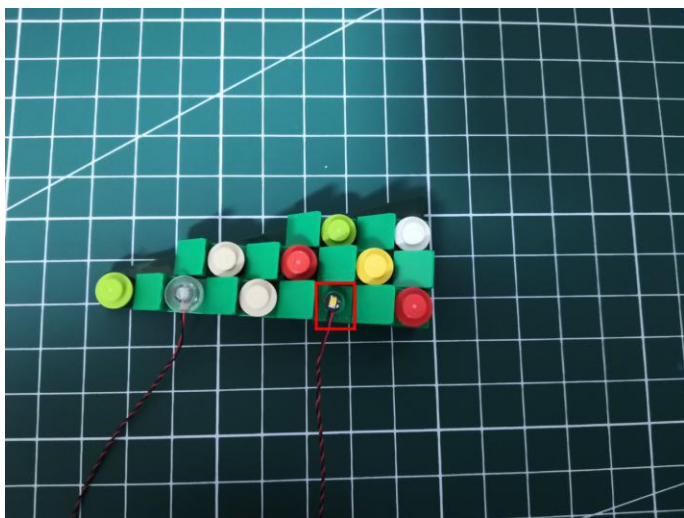


Take a 15cm warm white dot light, a trans white 1x1 round plate.





With lighting part facing up, connect the trans white round plate over.



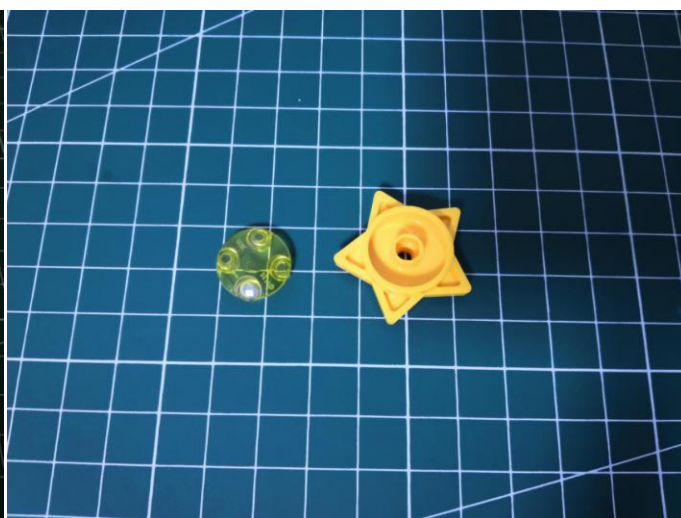
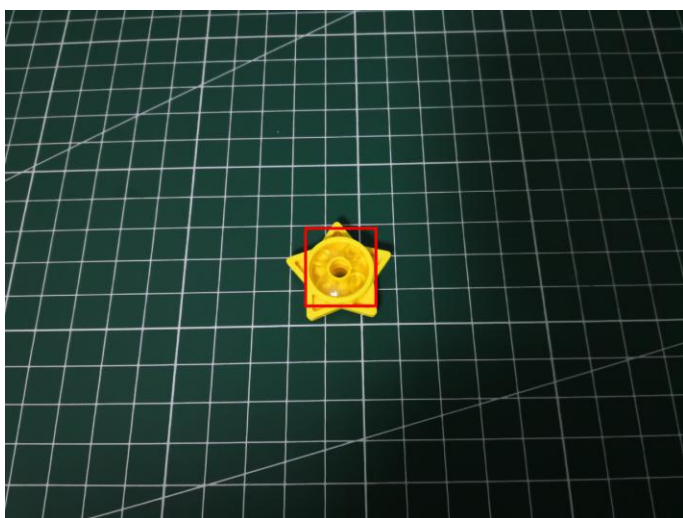
Reconnect the piece to the back as per below.



Remove the pentagon from the Christmas tree.



Remove the 2x2 trans yellow round plate from the pentagon.

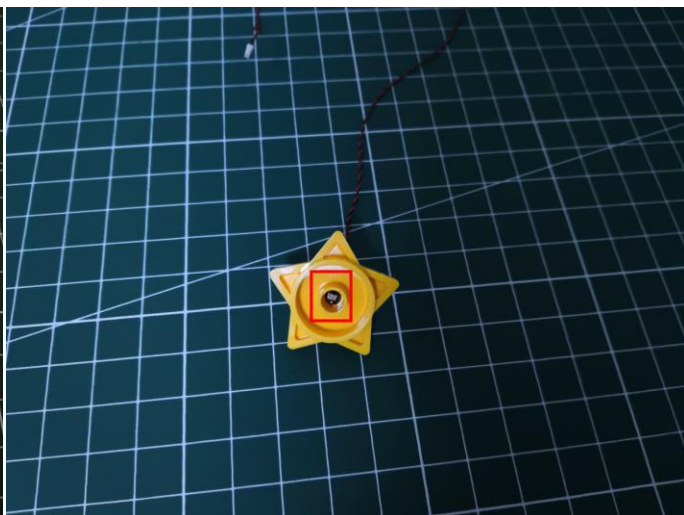
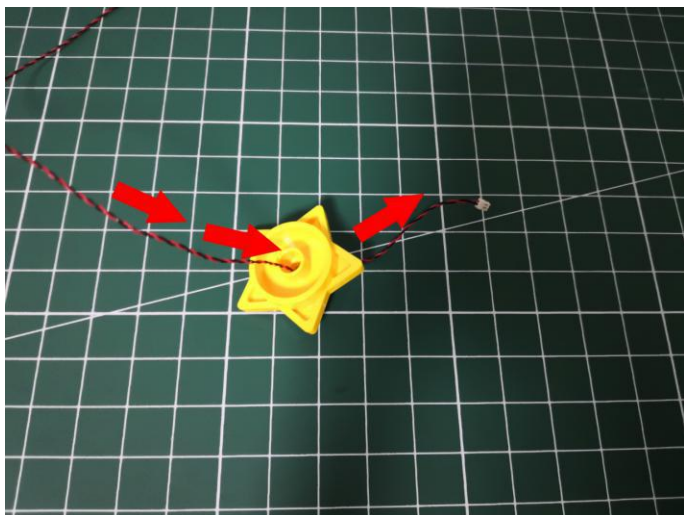


Take a 30cm Multi Colour Flashing Light.

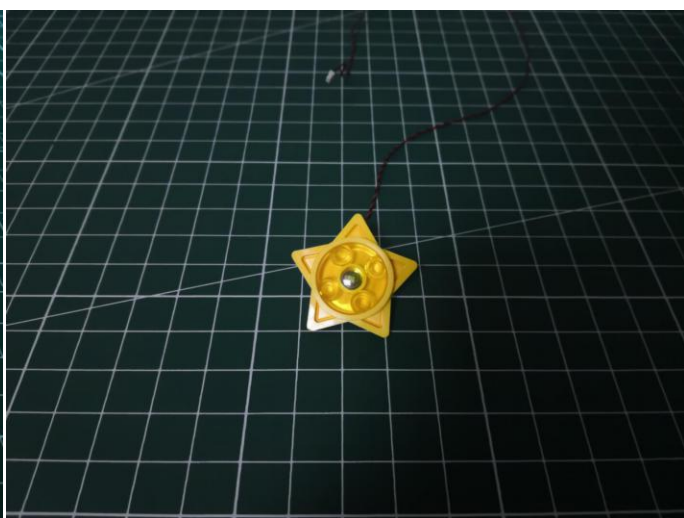
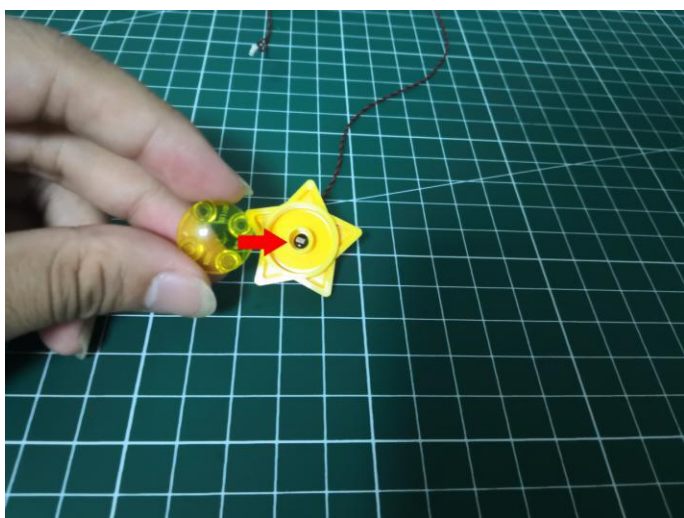


With lighting part facing up, thread the cable through the hole, and stuck the light as per below.





Reconnect the trans yellow round plate.



Reconnect the pentagon.



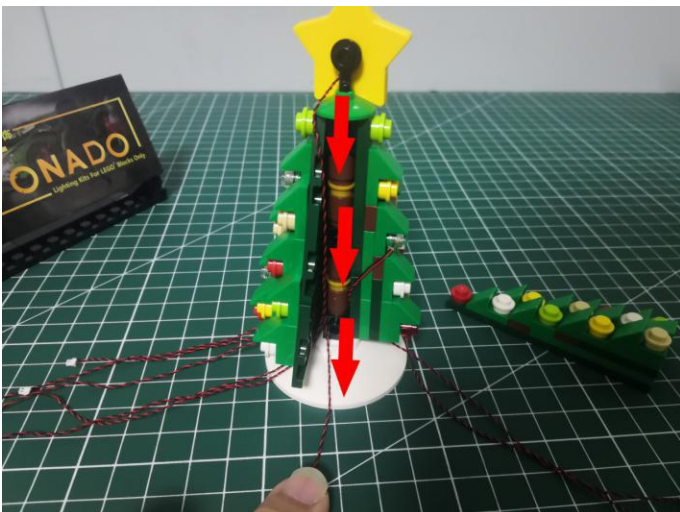
Turn to the back of the Christmas tree.



Remove the following piece.



Place the cable as per below, reconnect the piece to secure the cable.

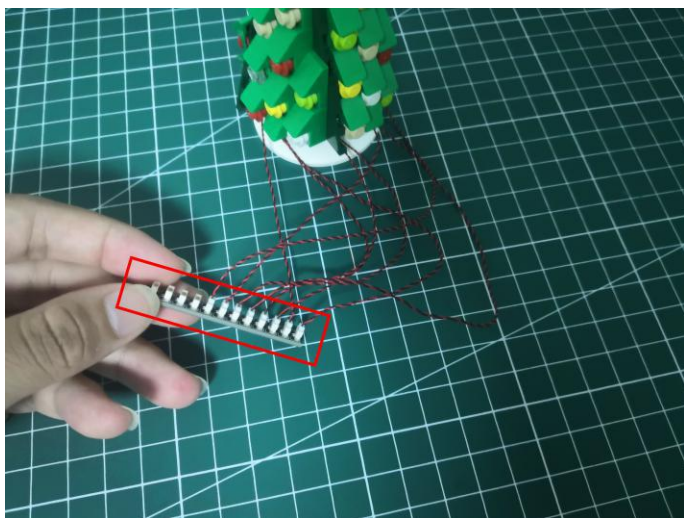


Take a 12-port expansion board.





Connect the cables from the Christmas tree to the expansion board.



Group the cables together.



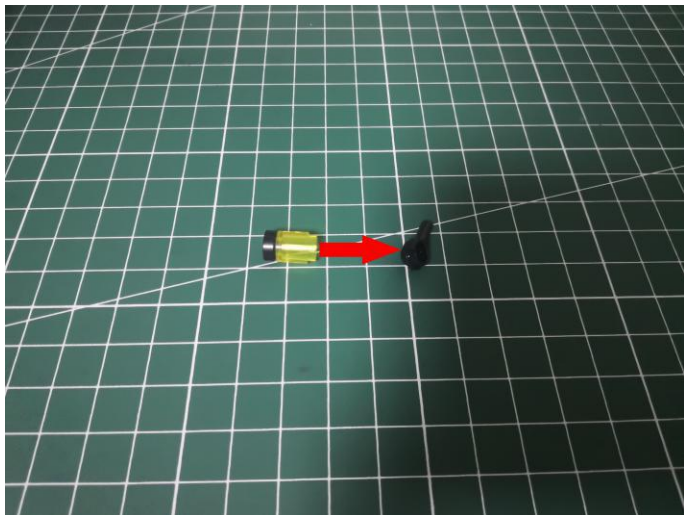
Take the magic house.



Turn to the following place, remove the wall lamp.

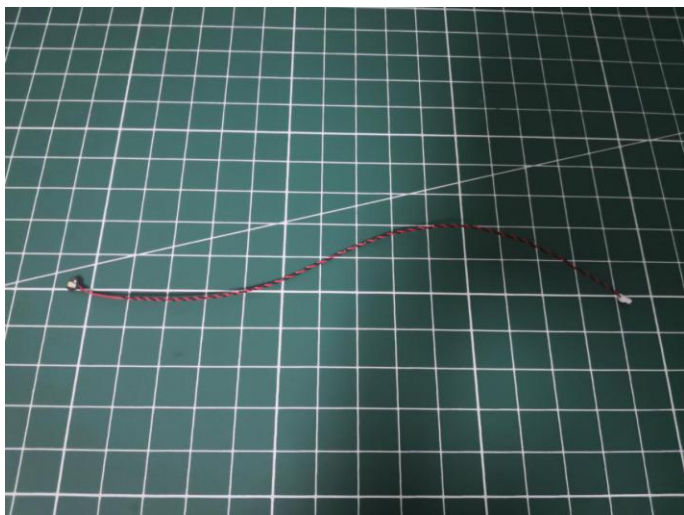


Divide the wall lamp into 2 parts.

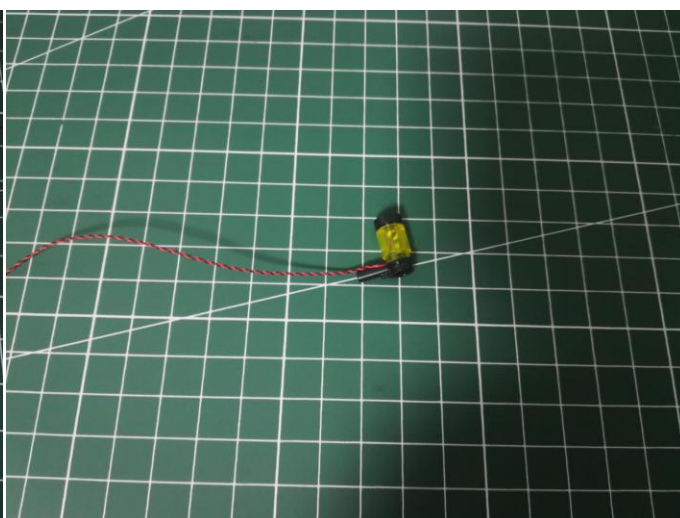
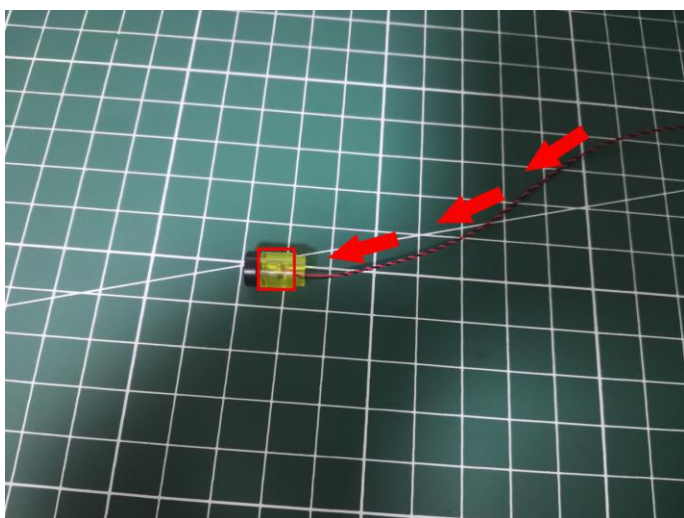


Take a 15cm yellow dot light.





With lighting part facing up, place the light as per below, reconnect the wall lamp.



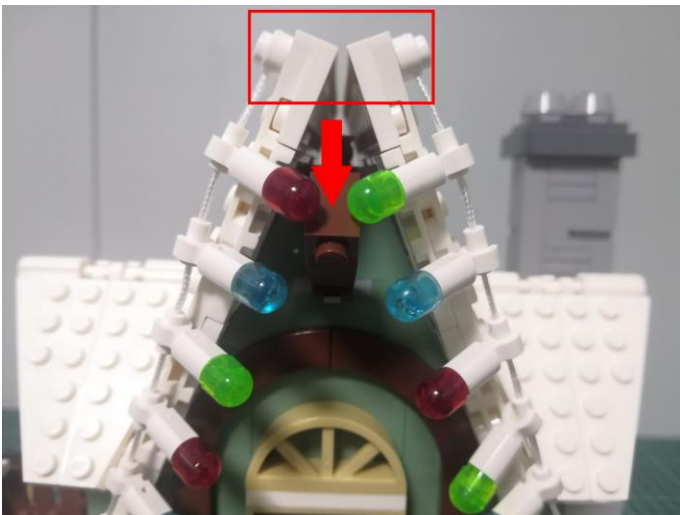
Thread the cable through the hole, reconnect the wall lamp.



Turn to the roof.



Create a gap between both sides of the roof, and pull the following brown piece down.

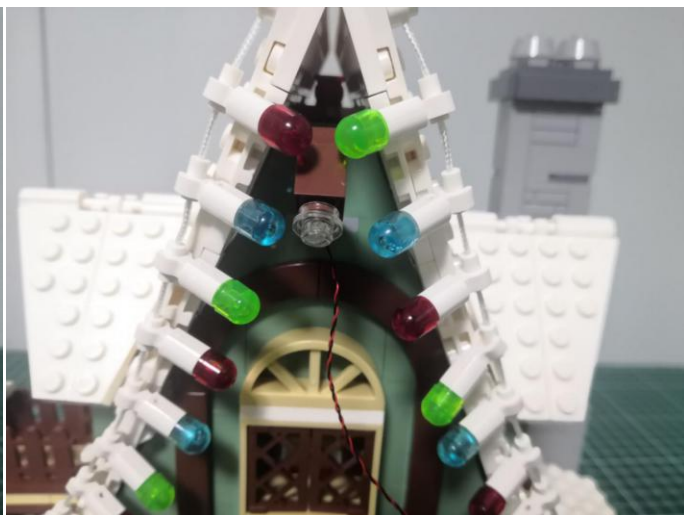
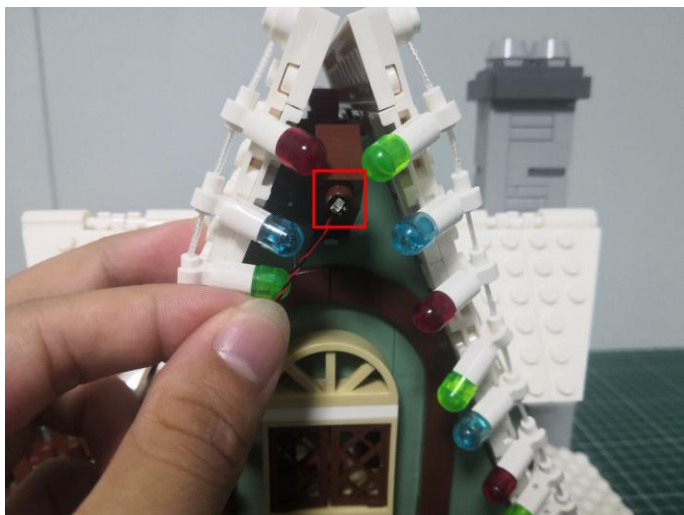


Take a 30cm Multi Colour Flashing Light, a trans white 1x1 round plate.

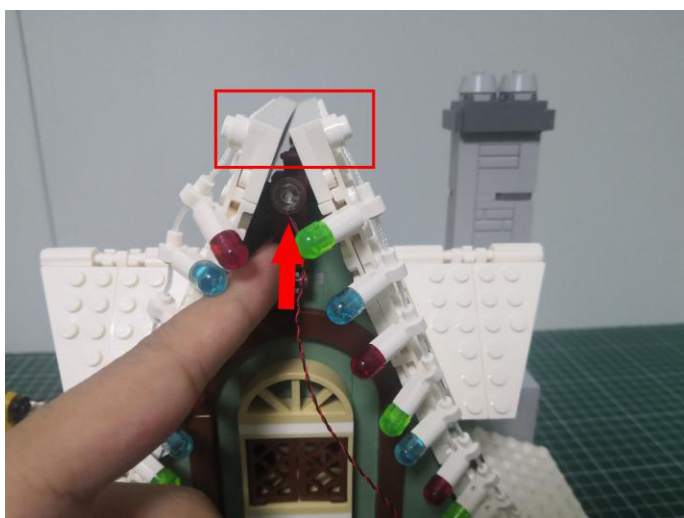


With lighting part facing up, connect the trans white round plate over.





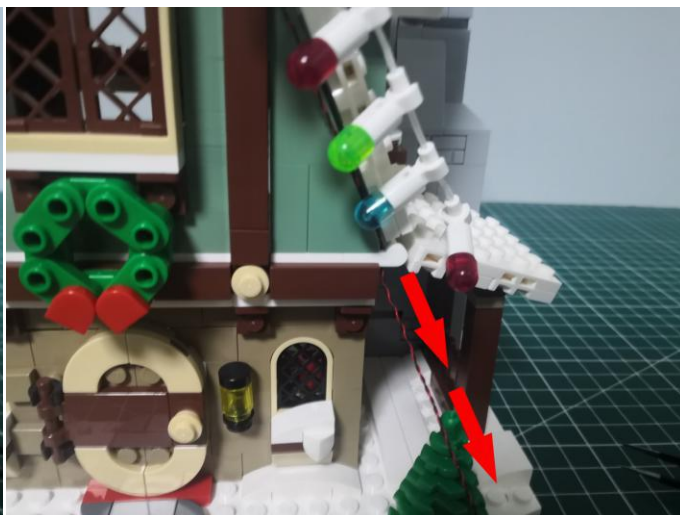
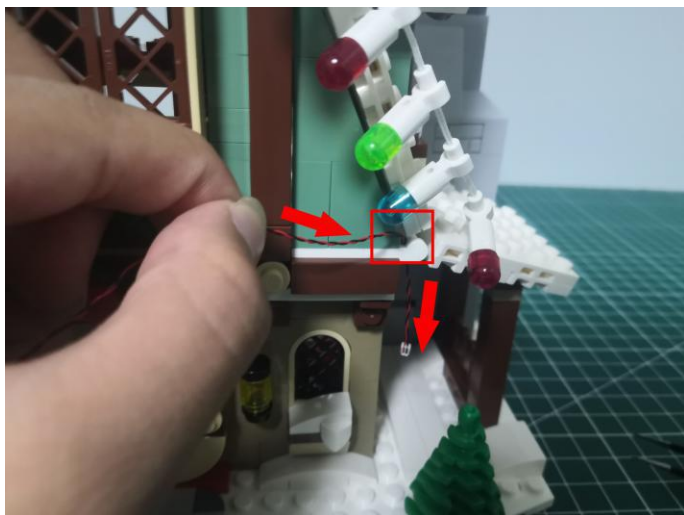
Close the gap.



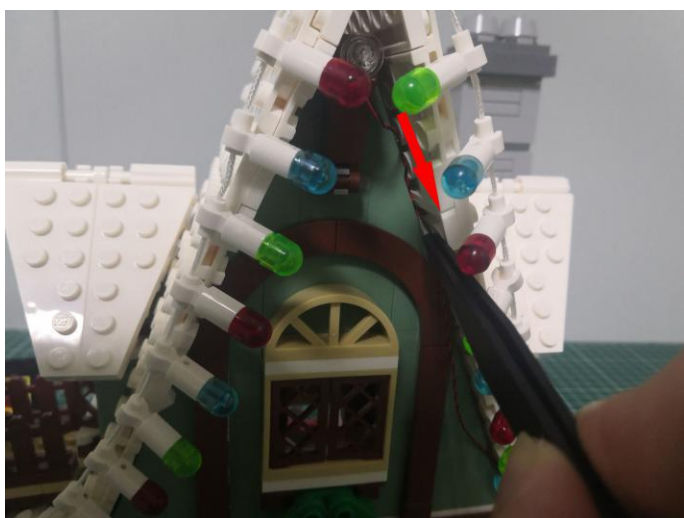
Take the cable.



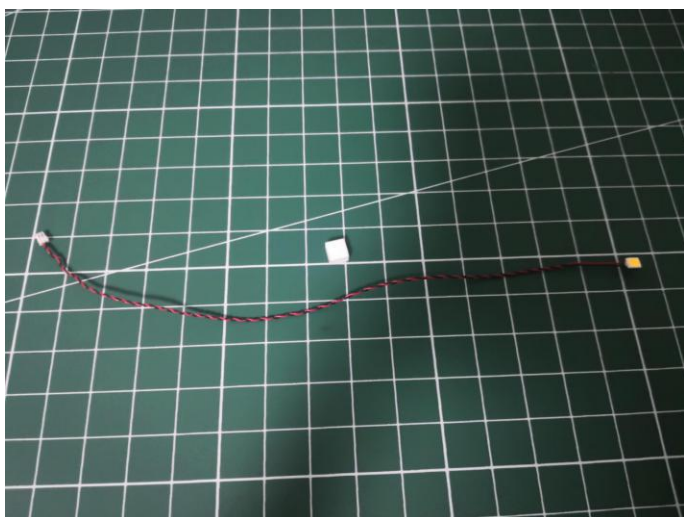
Thread the cable through the following space, and pull it out.



Turn to the following place, thread the cable inside with the tweezer as per below.

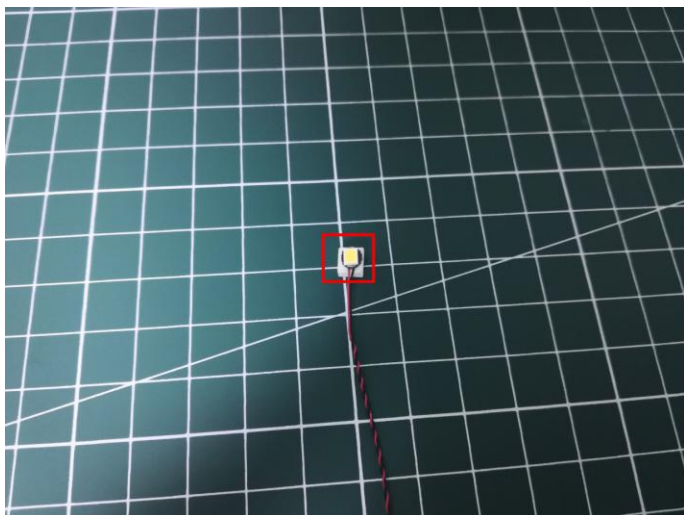


Take a 15cm head light, an adhesive square.

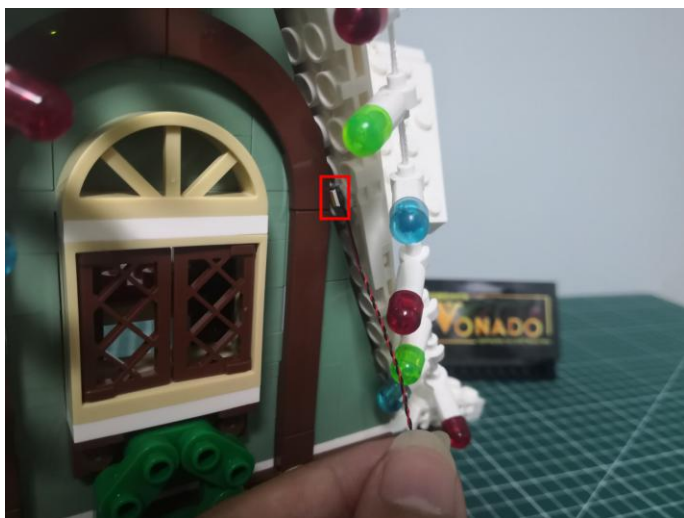


Stick the adhesive square to the back of the light.





Stick the light to the following place at the right side.



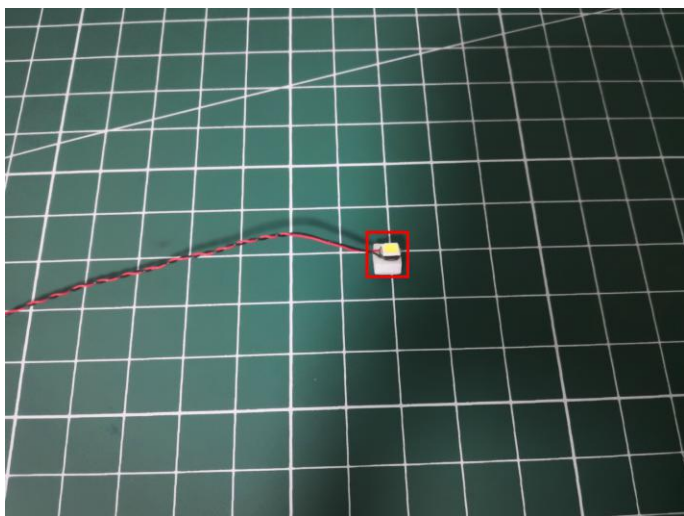
Thread the cable through the following space, and pull it out.



Take a 30cm head light, an adhesive square.



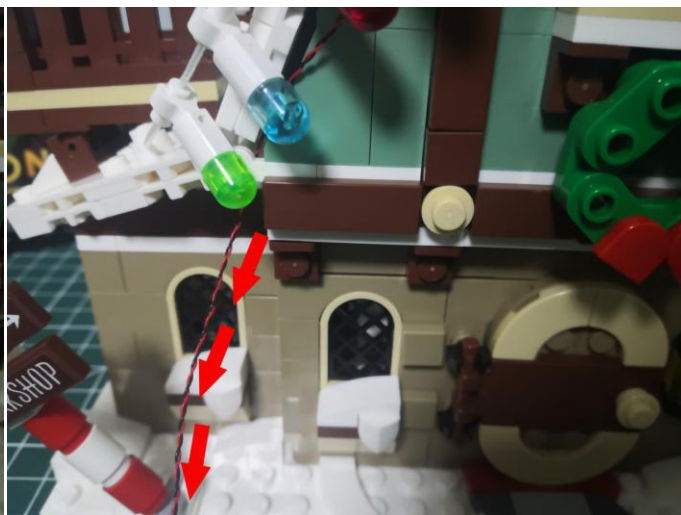
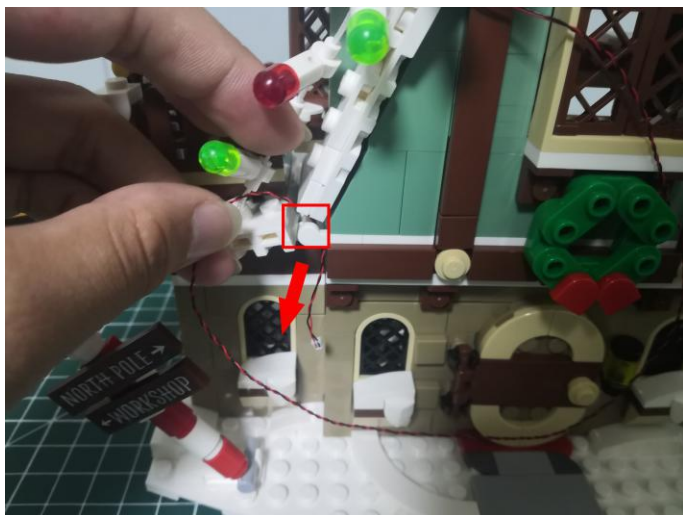
Stick the adhesive square to the back of the light.



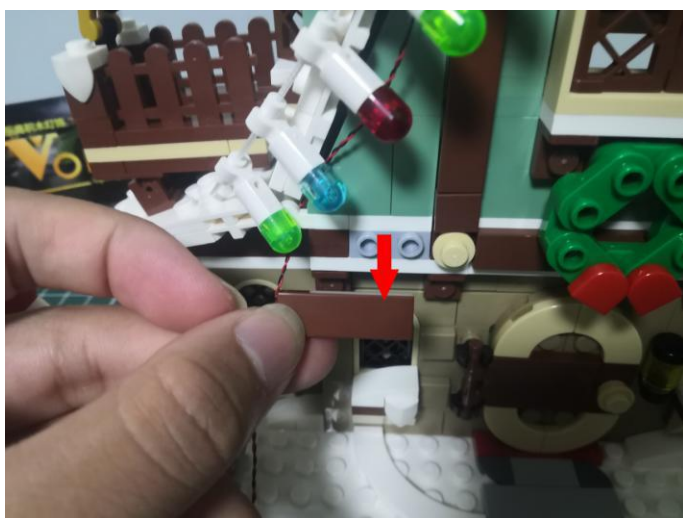
Stick the light to the following place at the left side.



Thread the cable through the following space, and pull it out.



Disconnect the following brown plate.

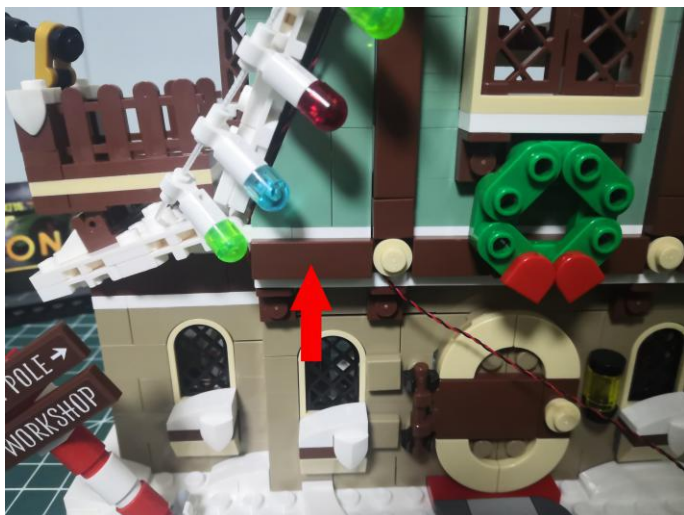


Place the cable as per below.



Reconnect the brown plate to secure the cable as per below.





Turn to the right side.



Disconnect the following brown plate.

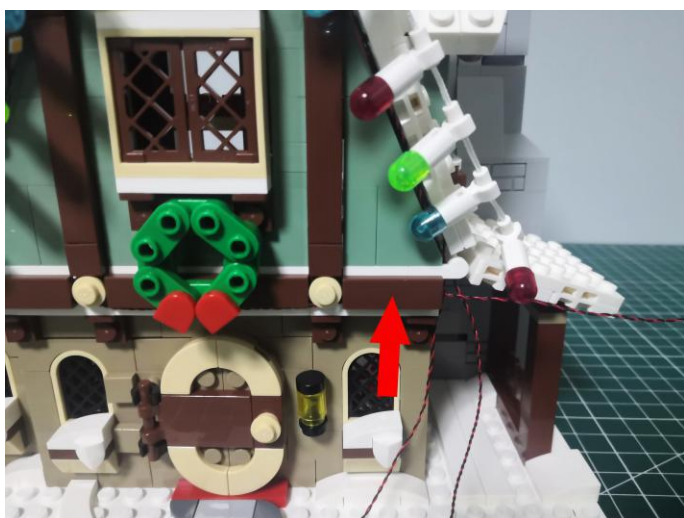


Place the cable as per below.





Reconnect the brown plate to secure the cable as per below.



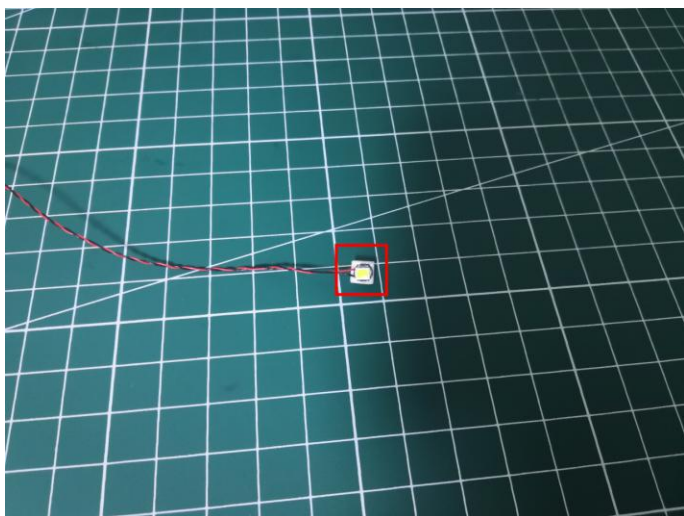
Turn to the back.



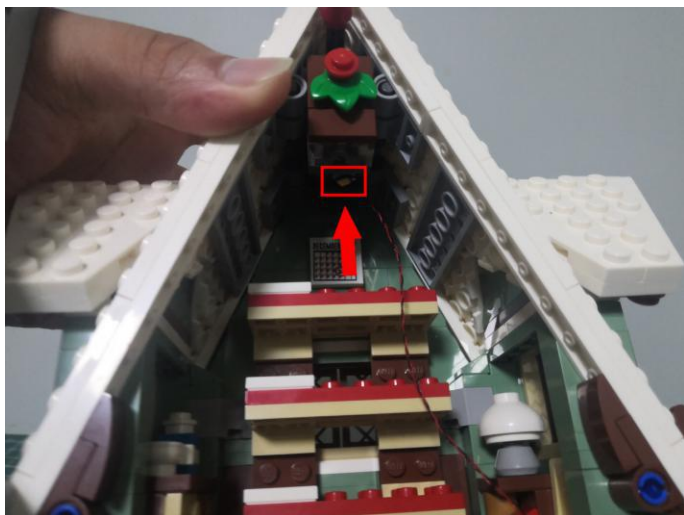
Take a 30cm head light, an adhesive square.



Stick the adhesive square to the back of the light.

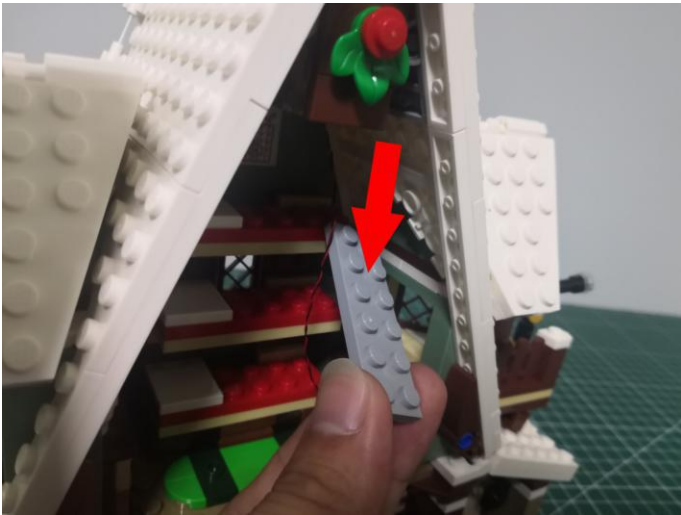


Stick the light to the following place inside the roof.

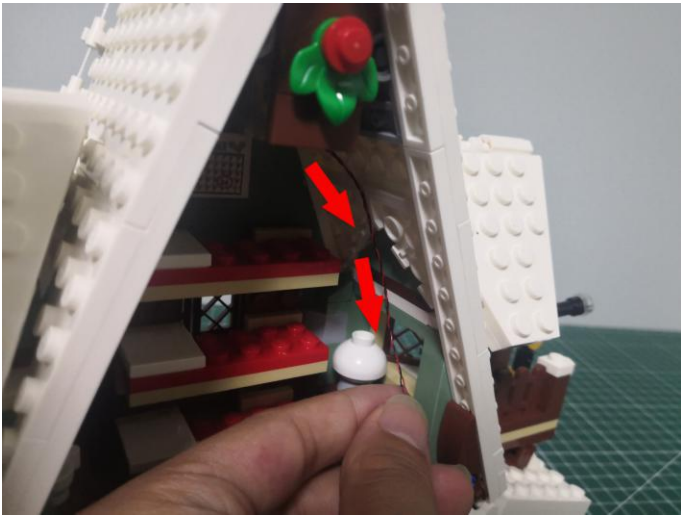


Disconnect the following gray piece.





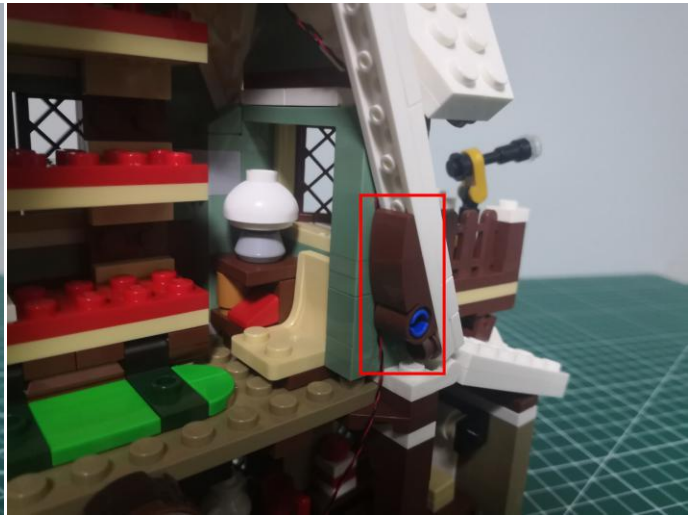
Place the cable as per below.



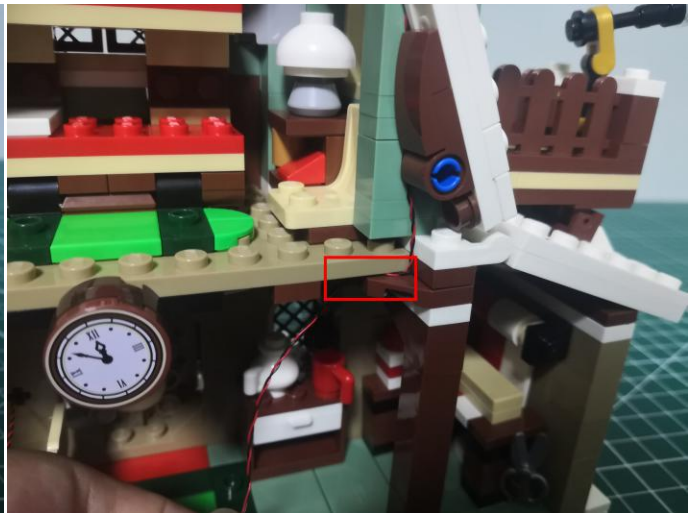
Reconnect the following gray piece.



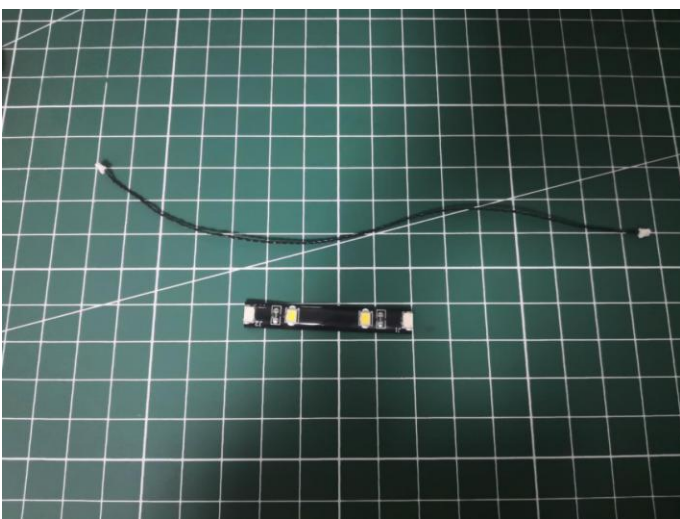
Place the cable inside the following space.



Create a gap at the following place with the tool, and tuck the cable inside.

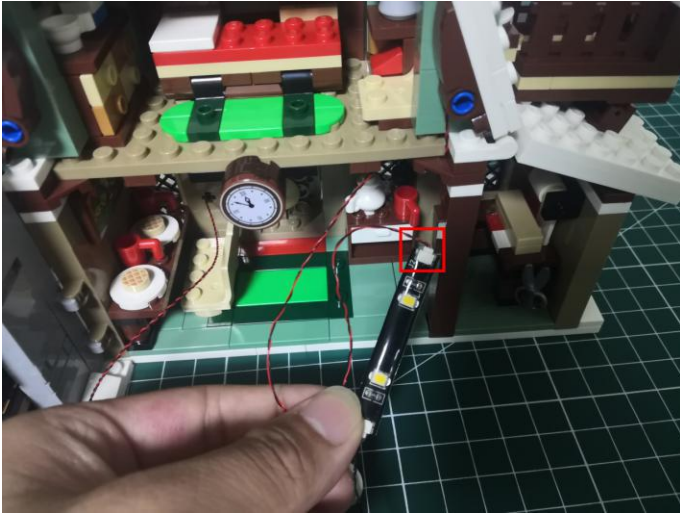


Take a 15cm connecting cable, a warm white strip light, assemble them as per below.

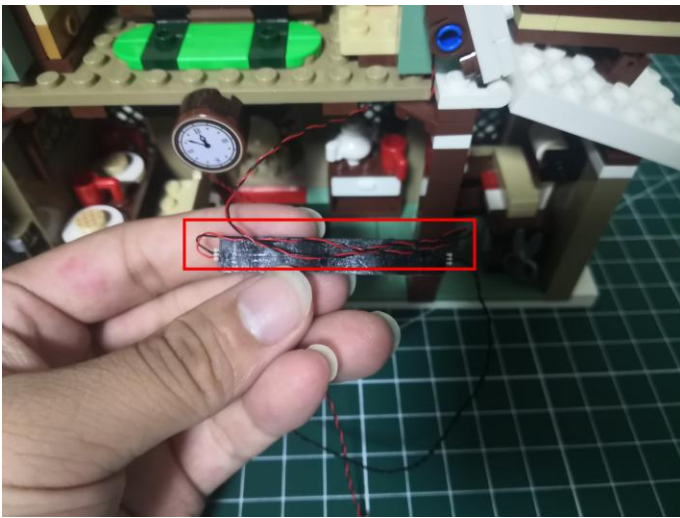


Connect the cable of the light to the strip light.

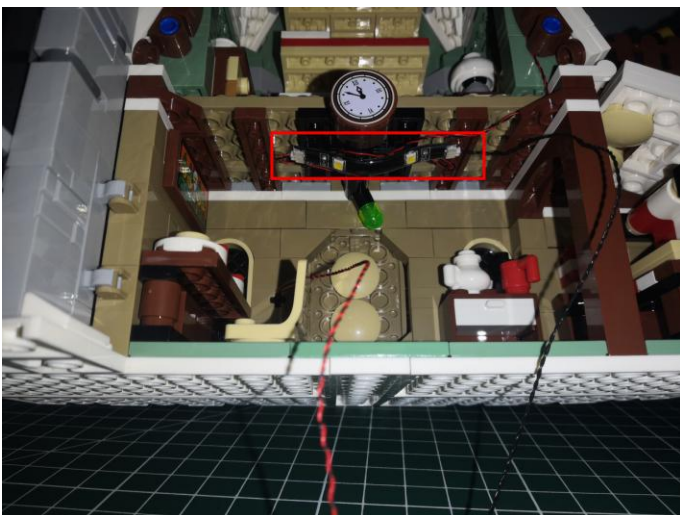




Tuck excess cable behind the strip light as per below.



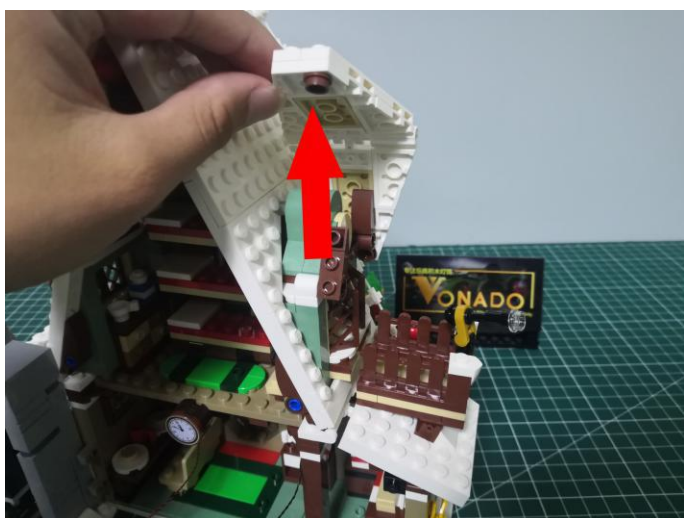
Stick the strip light inside the first floor as per below.



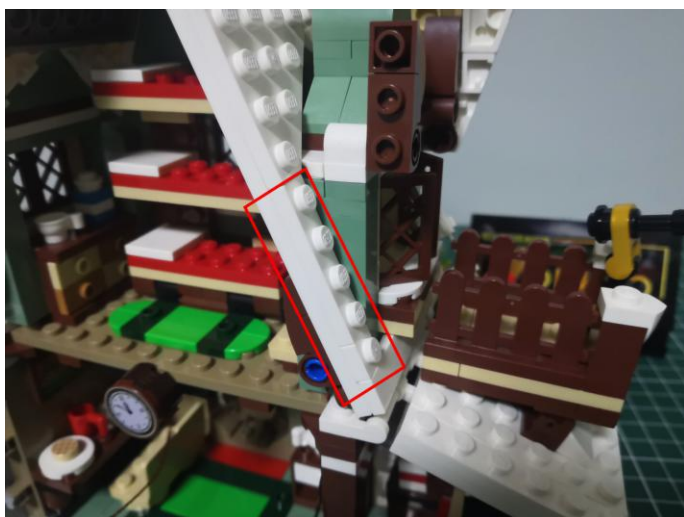
Turn to the right.



Open the roof of the window.



Disconnect the following 2 white pieces with the tool.

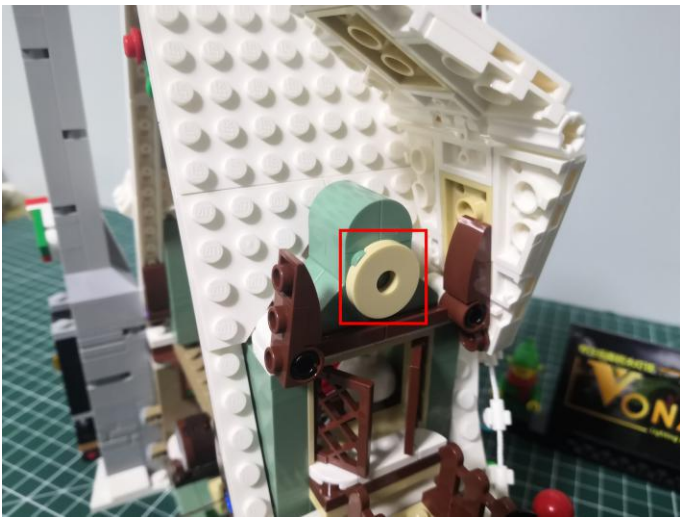


Lift the following piece with the tool.

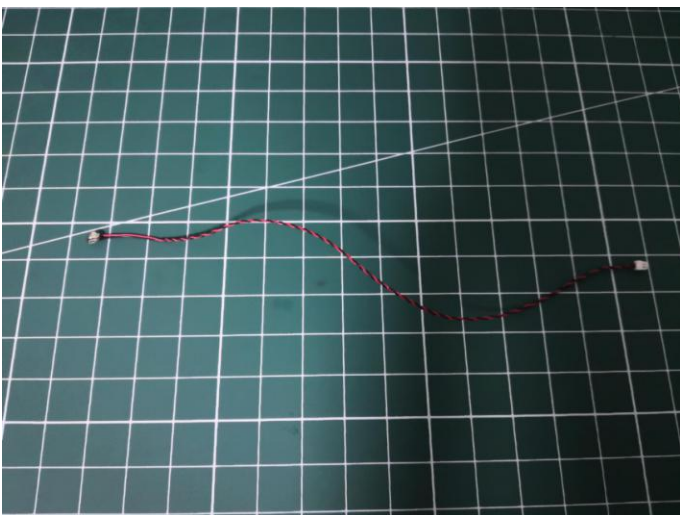




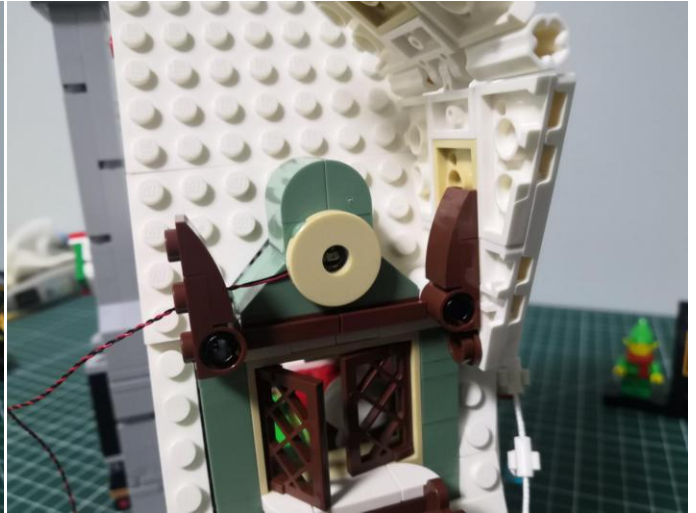
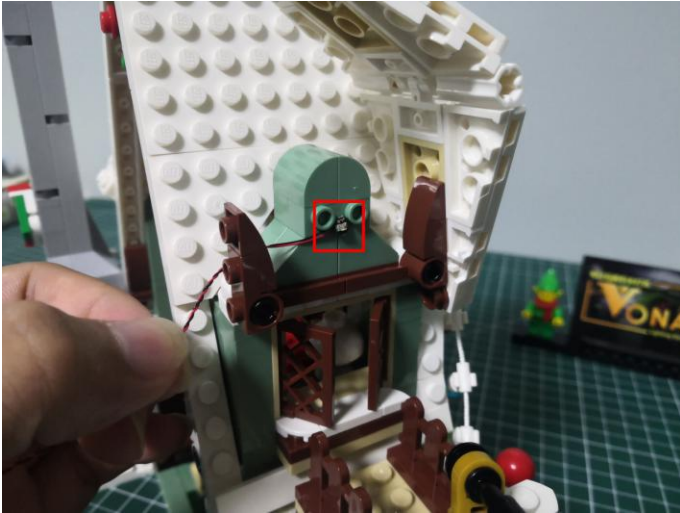
Turn to the following place, disconnect the yellow piece.



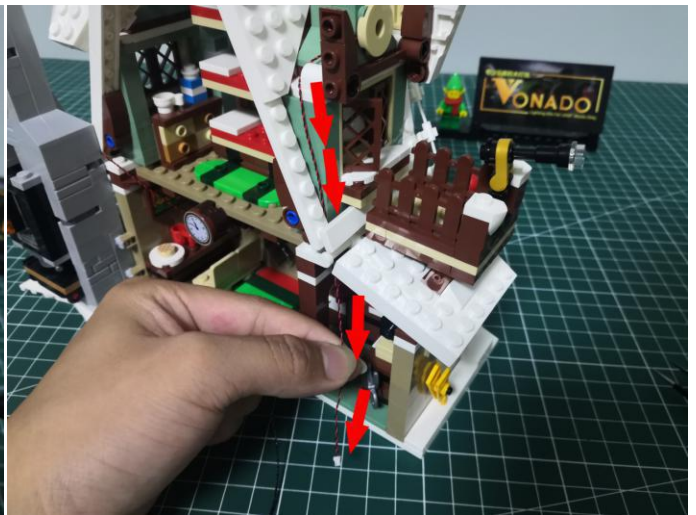
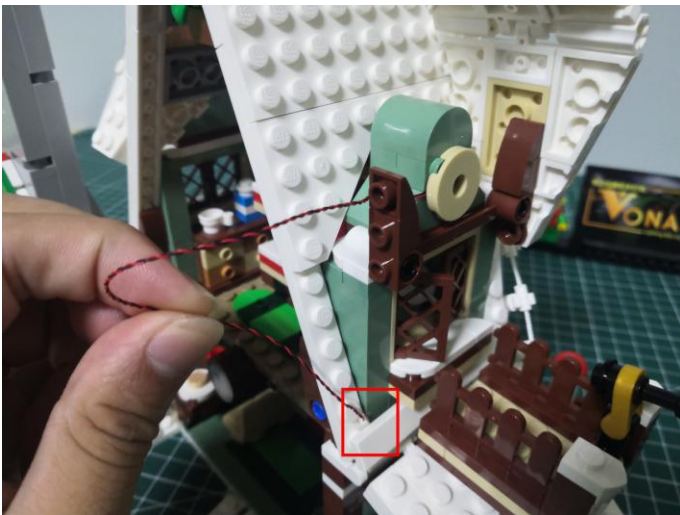
Take a 15cm Multi Colour Slow Flashing Light.



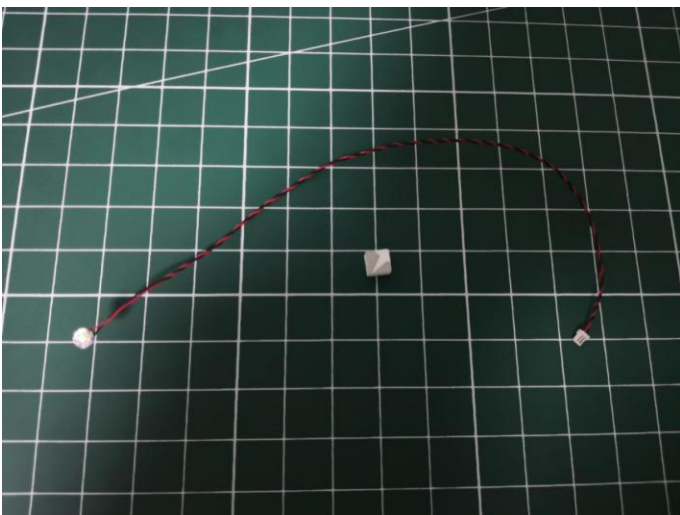
With lighting part facing up, reconnect the yellow piece.



Thread the cable through the following space, and pull it out.

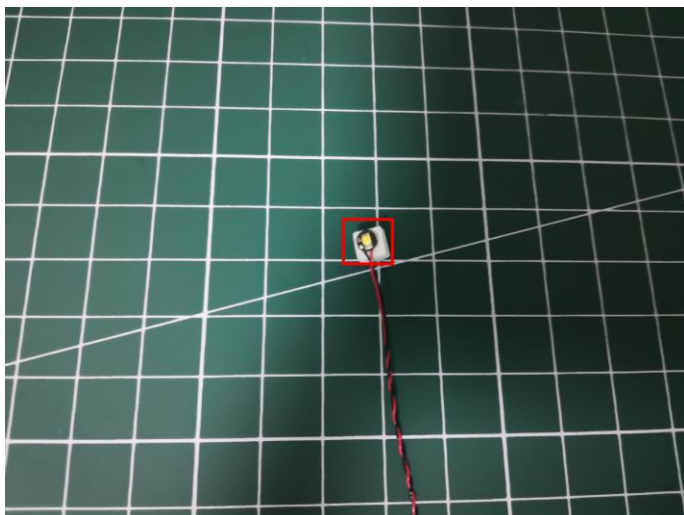


Take a 15cm warm white dot light, an adhesive square.

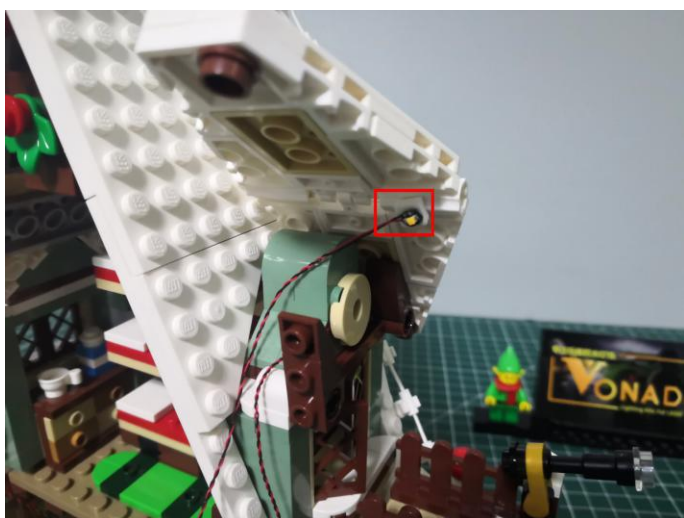


Stick the adhesive square to the back of the light.

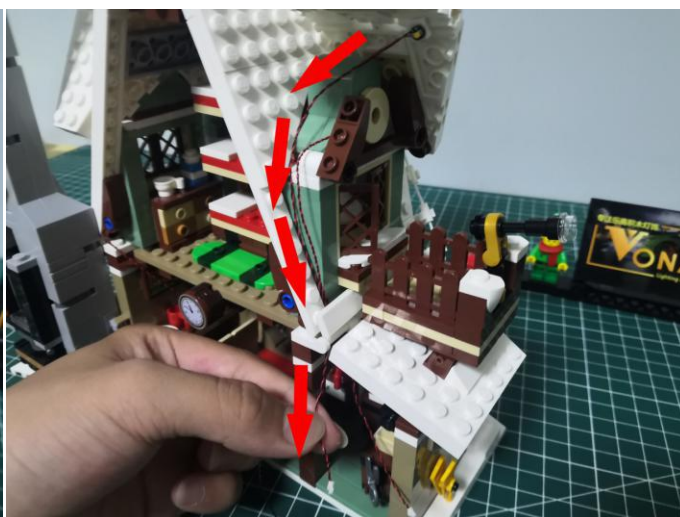
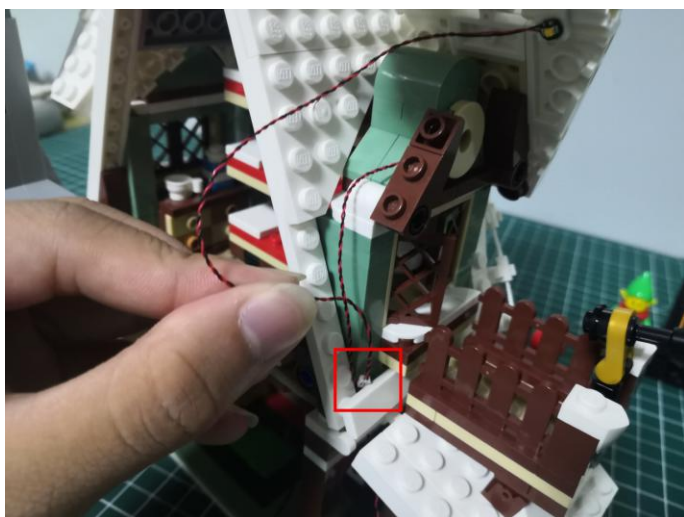




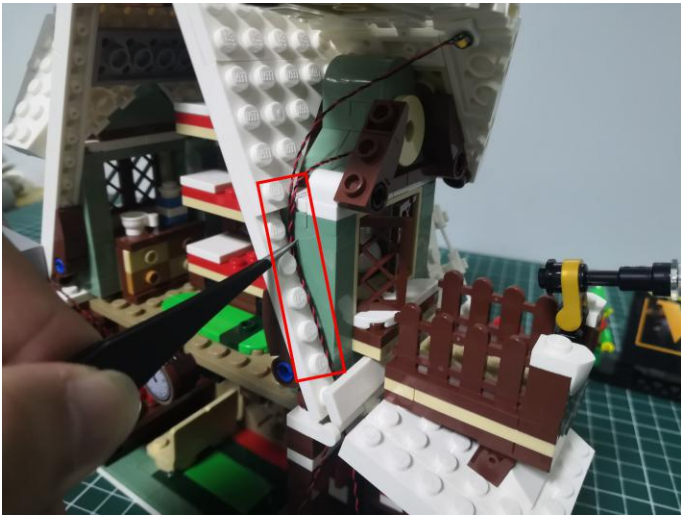
Stick the light to the following place.



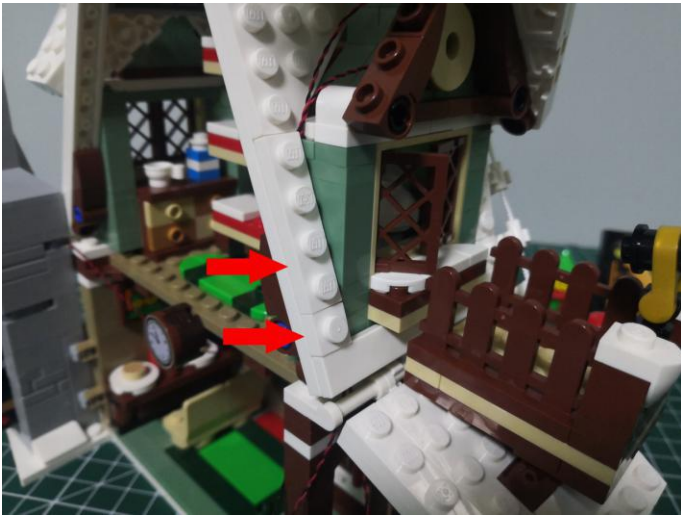
Thread the cable through the following space, and pull it out.



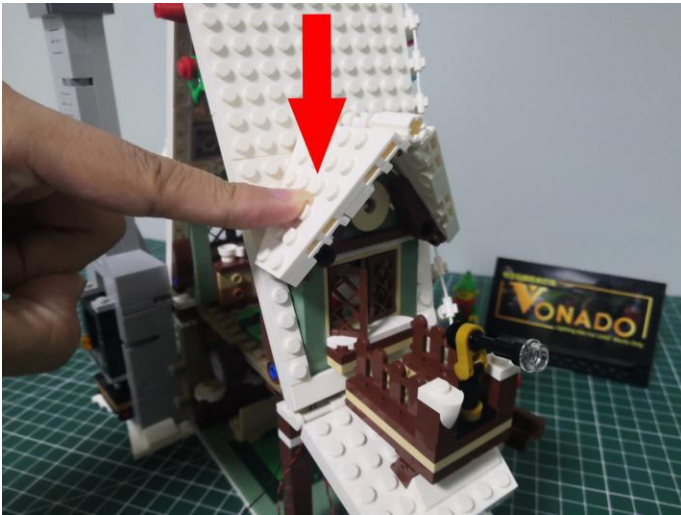
Place the cable inside the space with the tweezer.



Reconnect the following 2 white pieces.



Reconnect the roof of the window.



Turn to the following place.

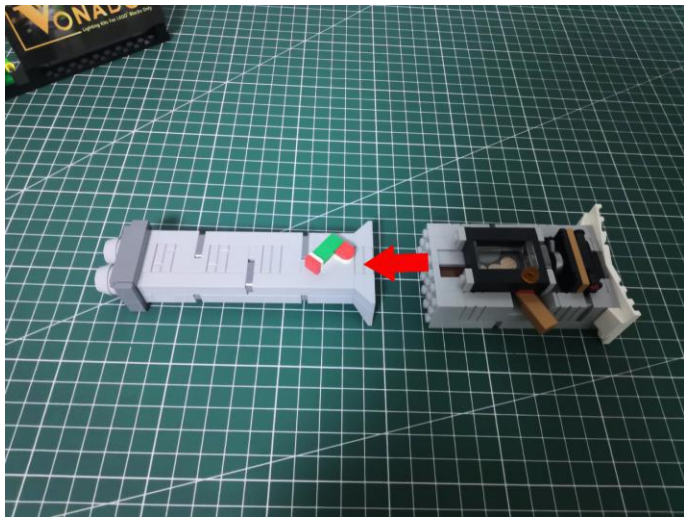




Disconnect the whole chimney piece.



Divide the chimney into 2 parts.



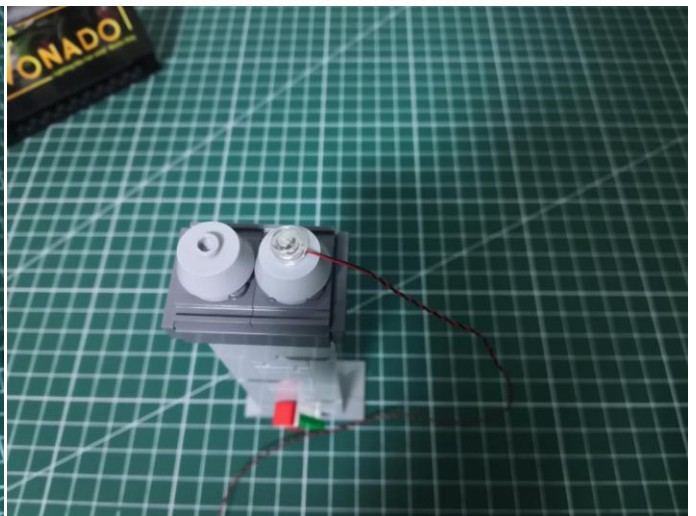
Put the top part up.



Take a 30cm Multi Colour Slow Flashing Light, a trans white 1x1 round plate.



With lighting part facing up, place the light as per below, connect the trans white round plate over.

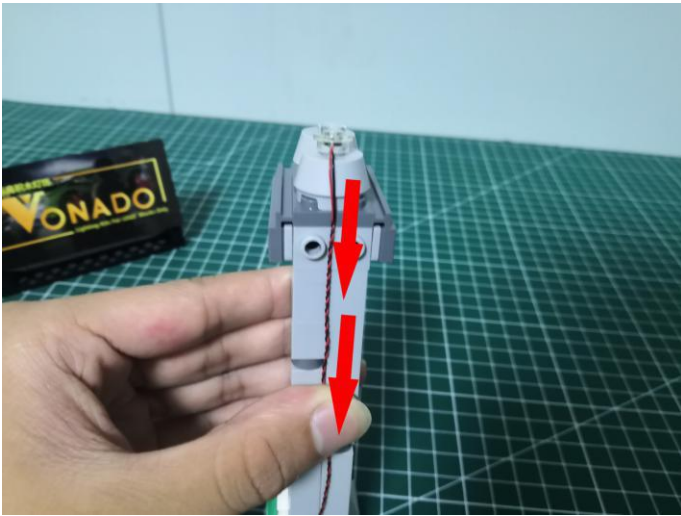


Turn to right, disconnect the following gray piece.





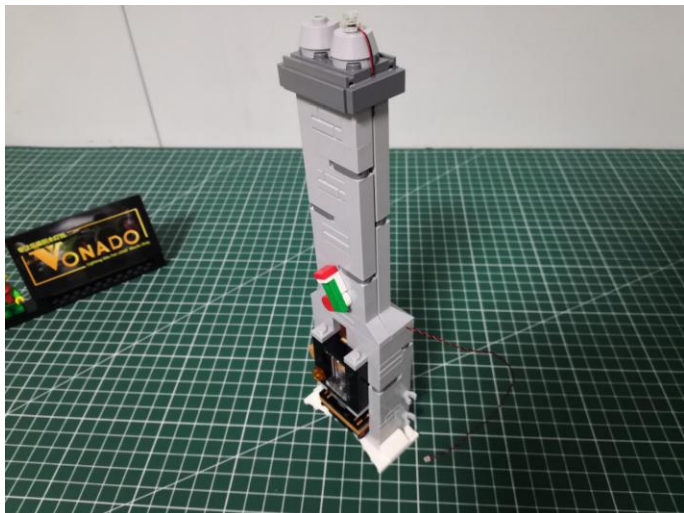
Place the cable as per below, reconnect the gray piece.



Create a gap at the following place, tuck the cable inside.



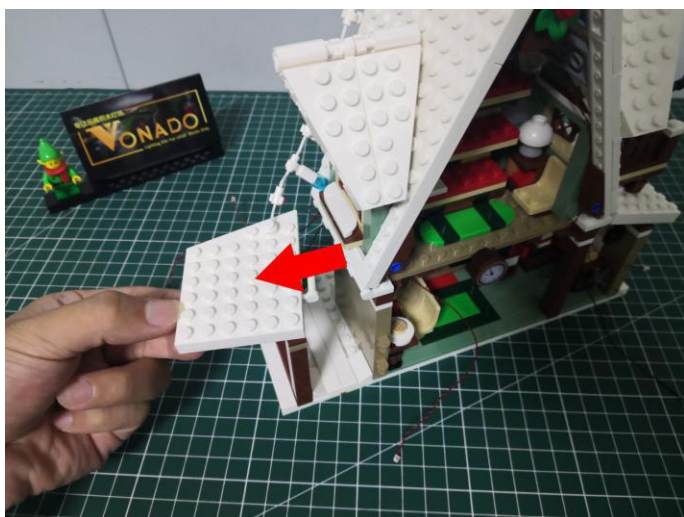
Reconnect the chimney.



Turn to the following place at the left.

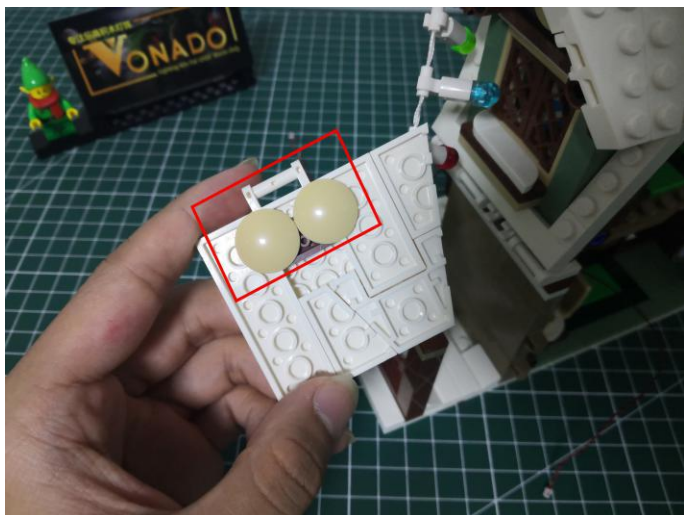


Remove the roof.

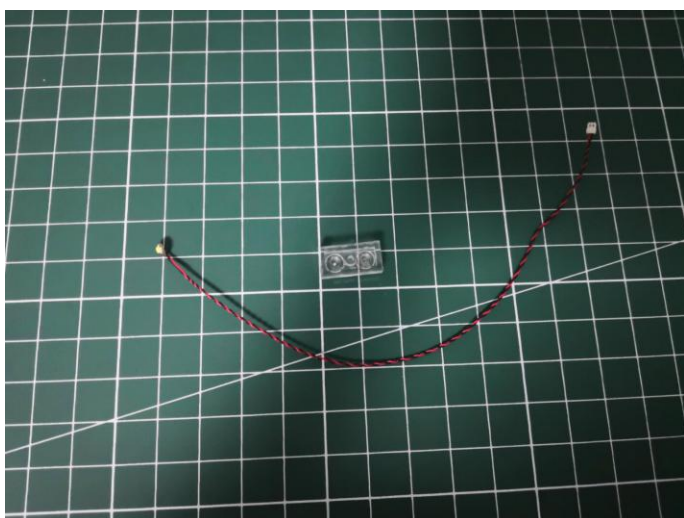


Turn to the back, Remove the following piece.

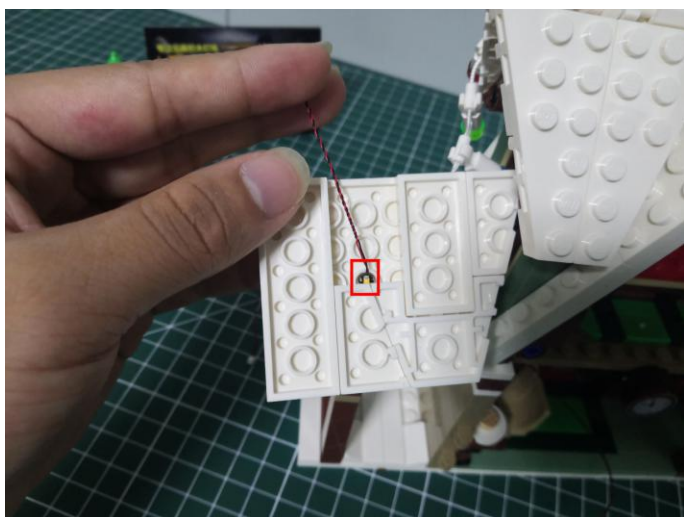




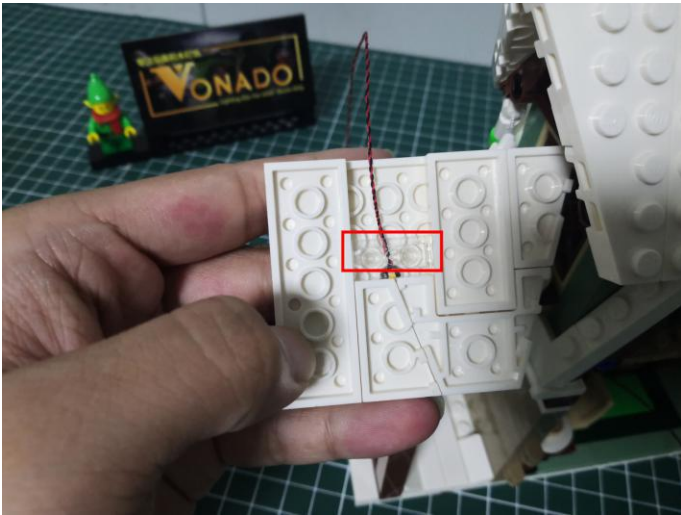
Take a 15cm warm white dot light, a trans white 1x2 plate.



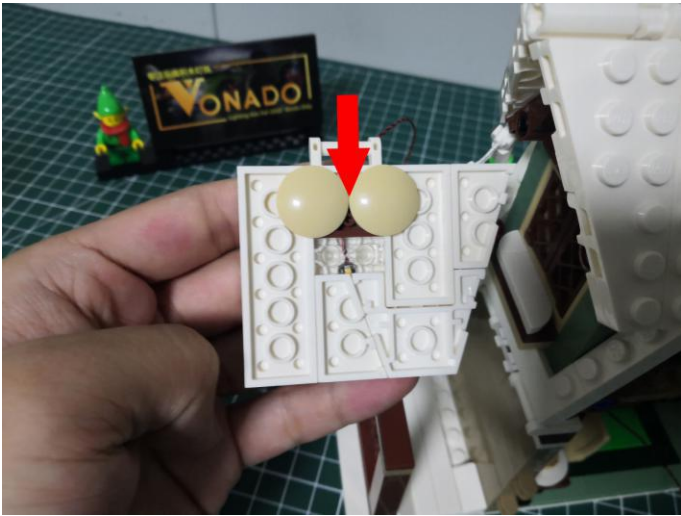
With lighting part facing up, stuck the light at the following place.



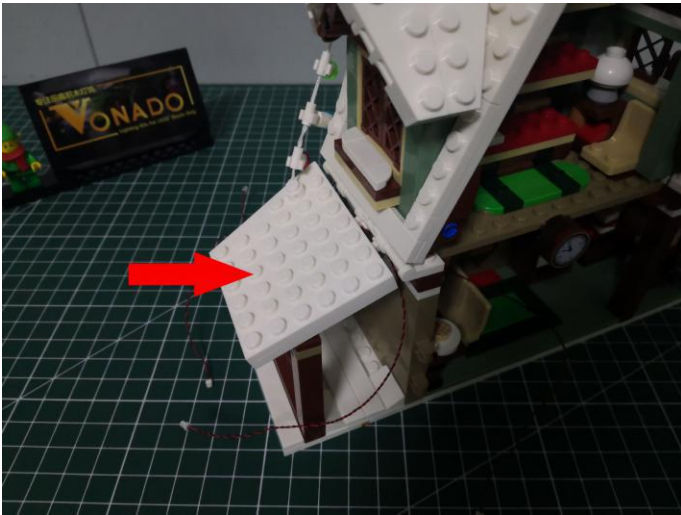
Connect the trans white plate over to secure the cable.



Reconnect the following piece.



Reconnect the roof.

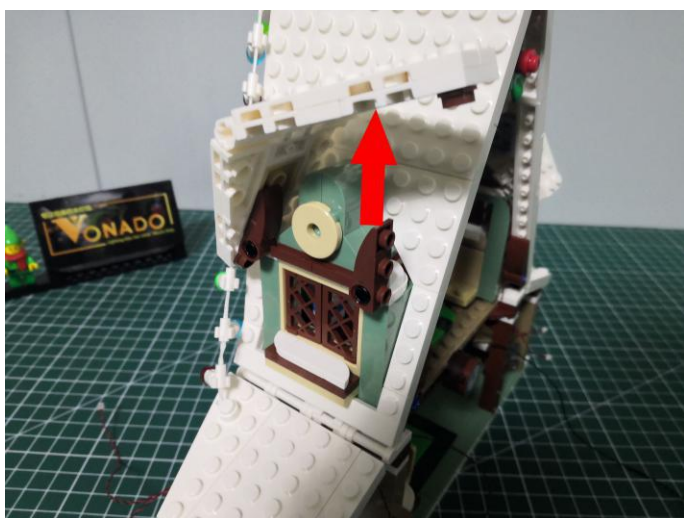


Turn to the following place.

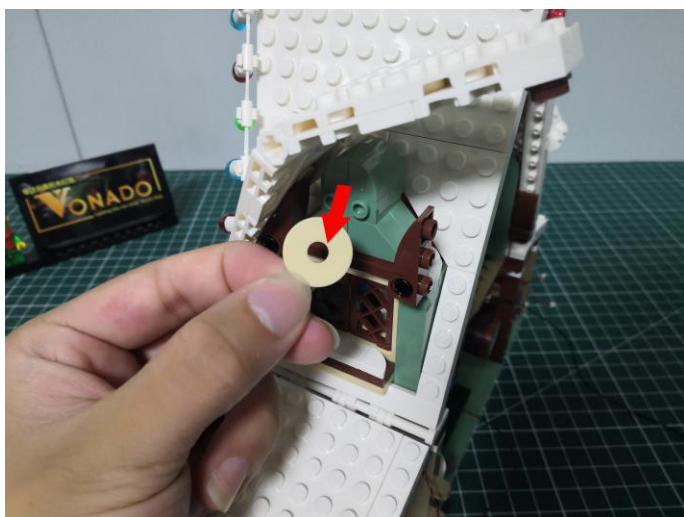




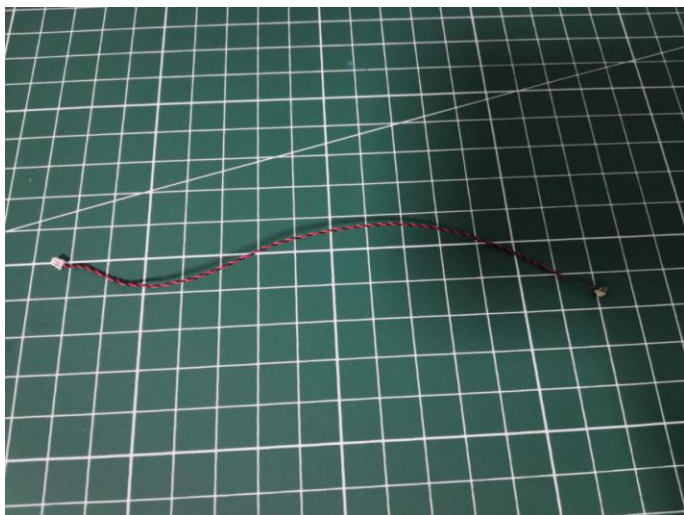
Open eth roof of the window.



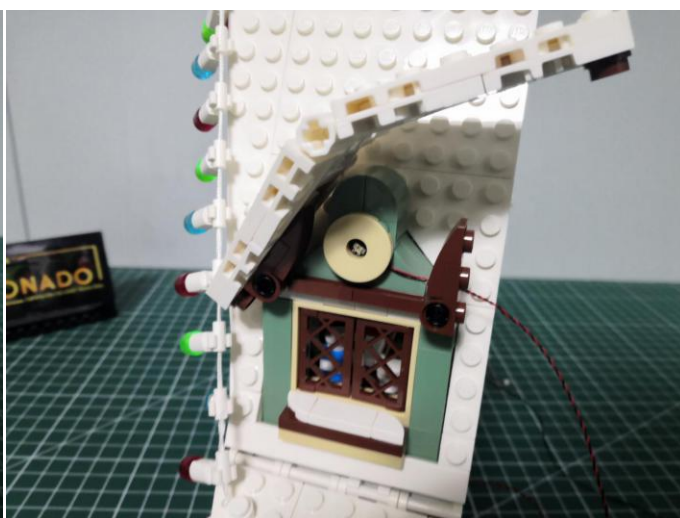
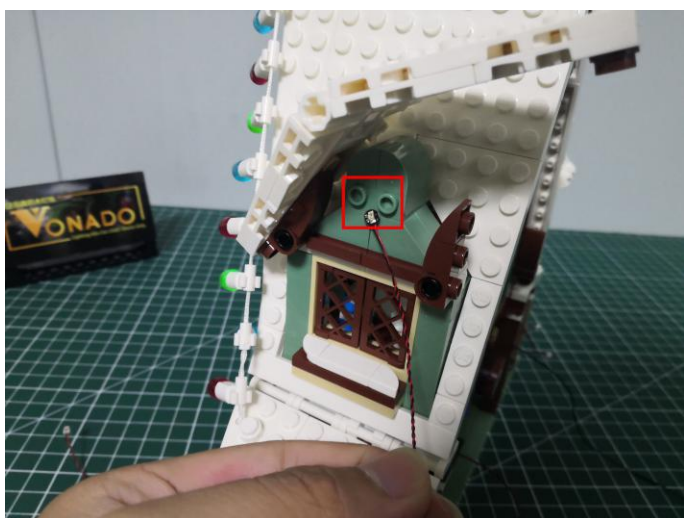
Disconnect the following yellow piece.



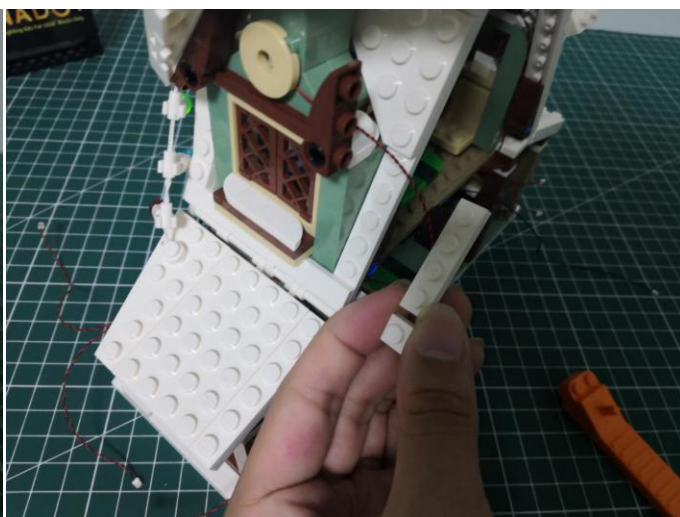
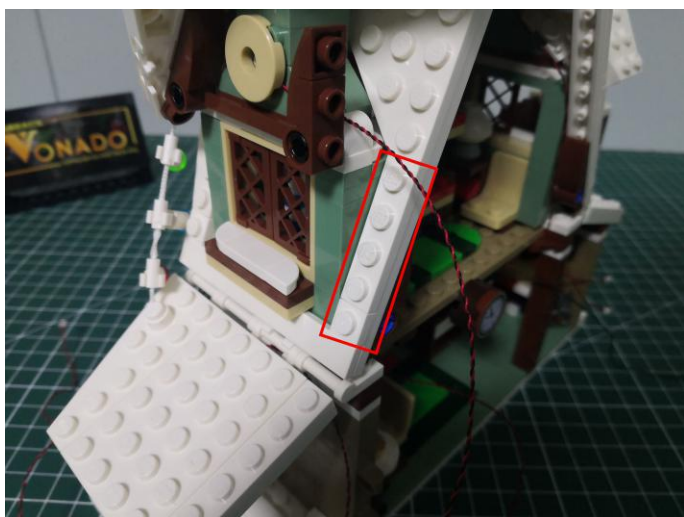
Take a 15cm Multi Colour Slow Flashing Light.



With lighting part facing up, reconnect the yellow piece.

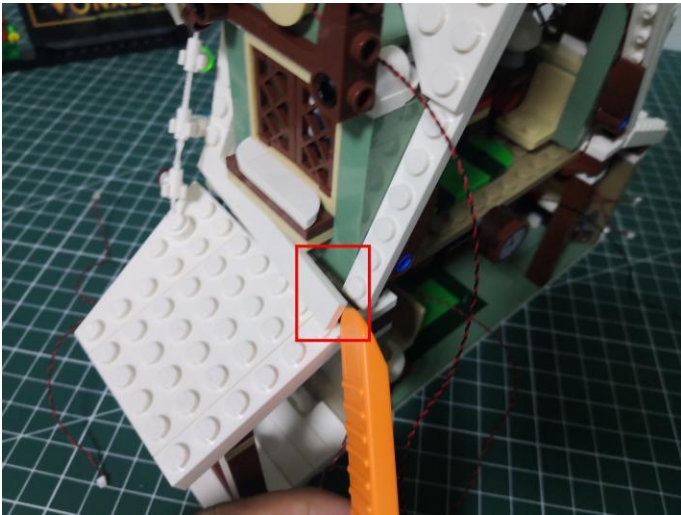


Disconnect the following 2 white pieces.

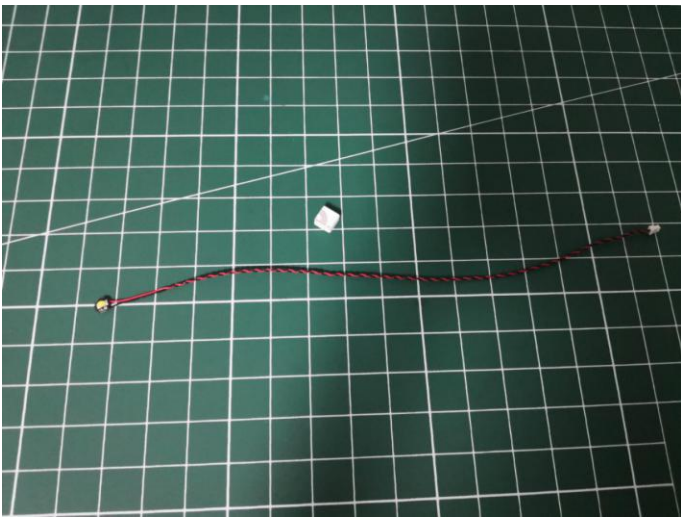


Create a gap at the following place with the tool.

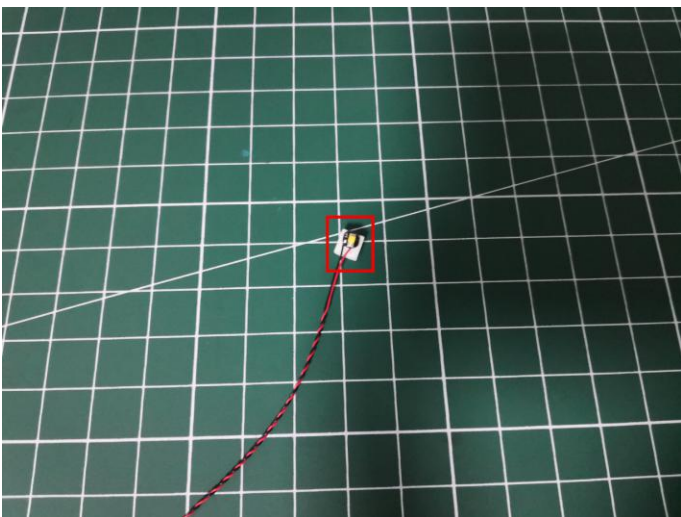




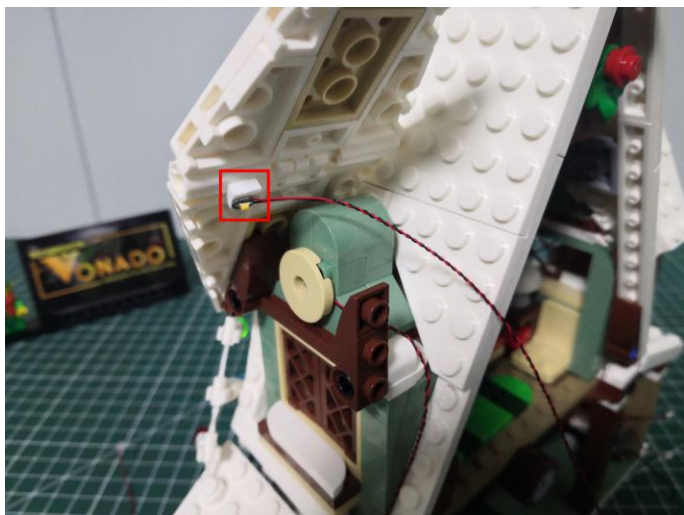
Take a 15cm warm white dot light, an adhesive square.



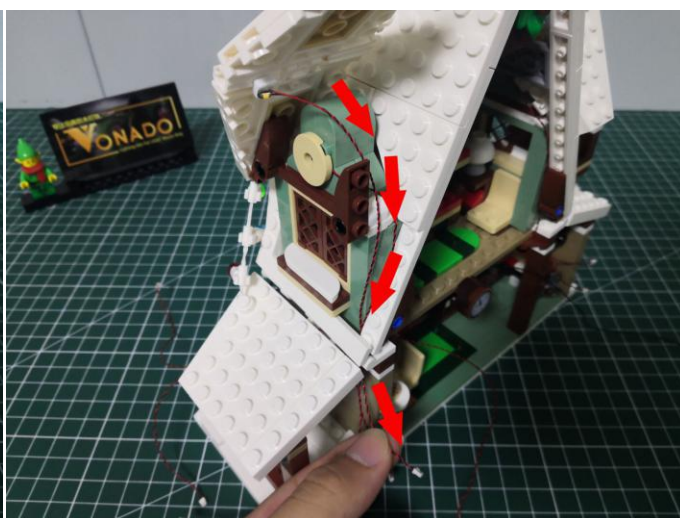
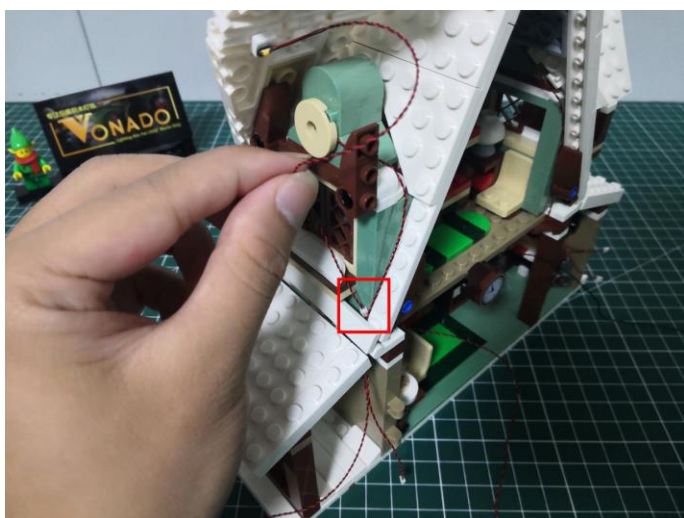
Stick the adhesive square to the back of the light.



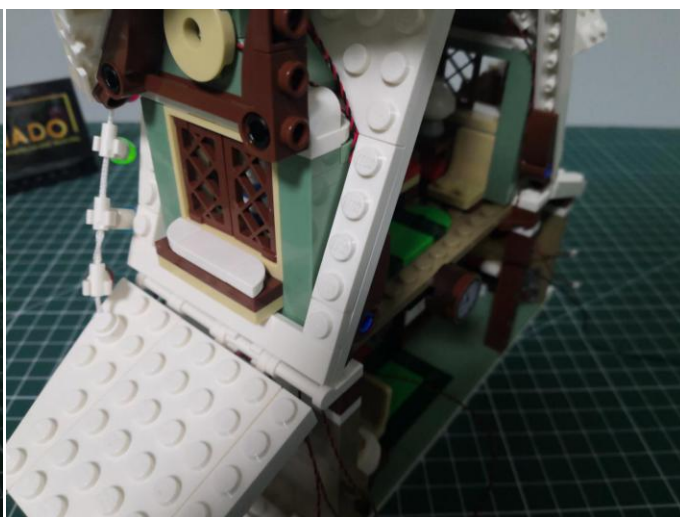
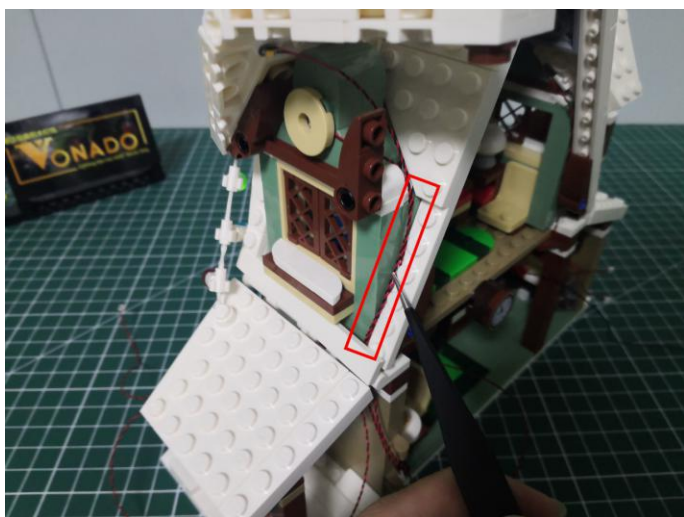
Stick the light to the following place.



Thread the cable through the following space, and pull it out.

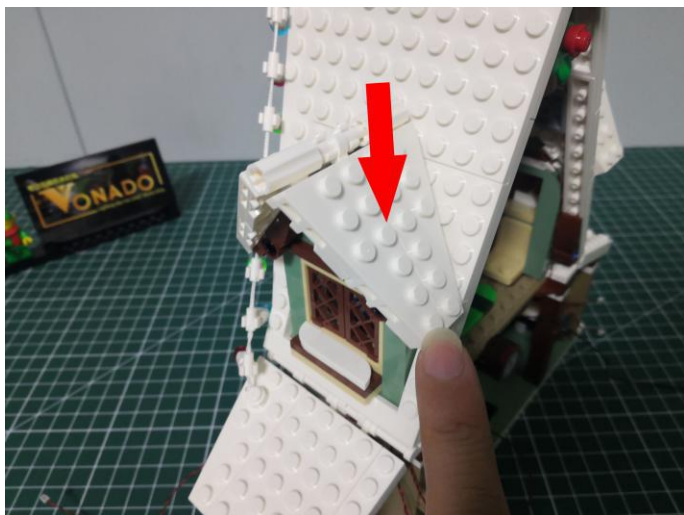


Place the cable inside with the tool.



Reconnect the roof.

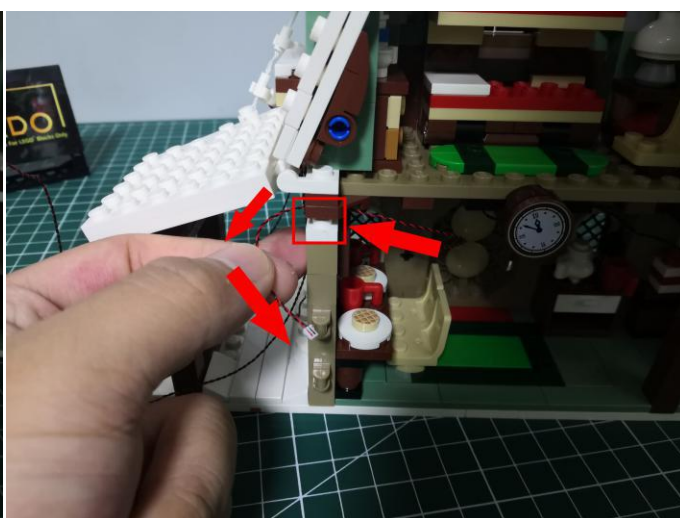




Turn to the following place, Create a gap with the tool.



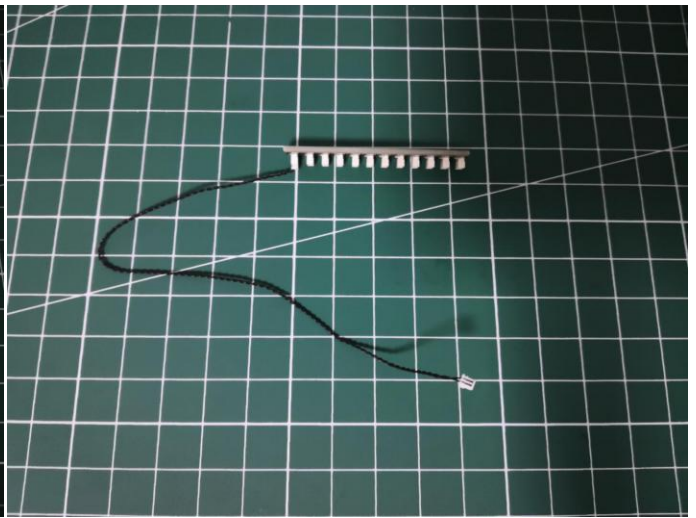
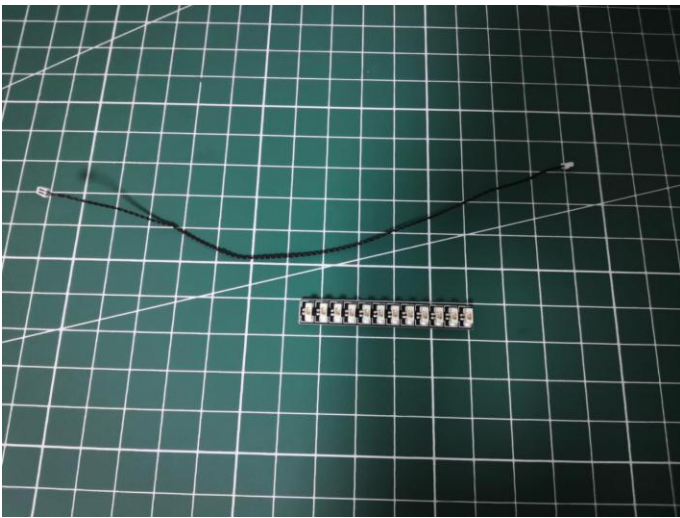
Thread the cable through the following space, and pull it out.



Open the roof.



Take a 15cm connecting cable, a 12-port expansion board, assemble the as per below.

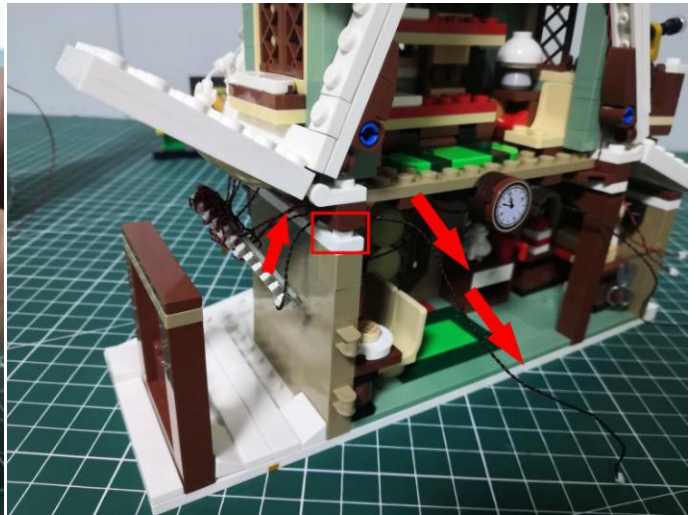


Connect all the cables to the expansion board.

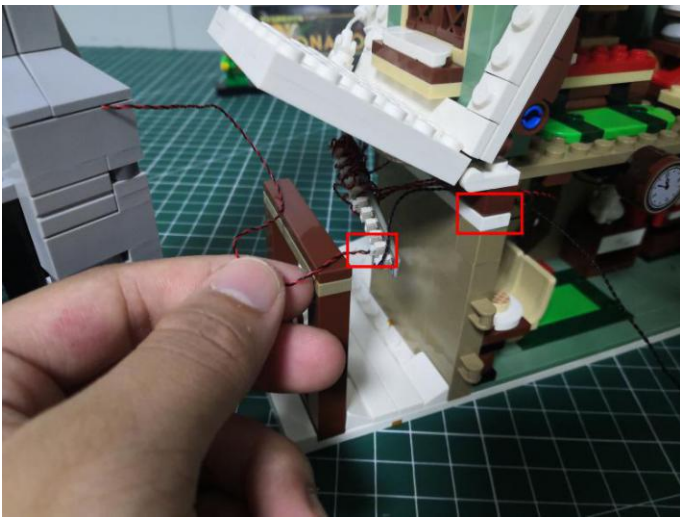


Thread the cable through the following space, and pull it out.





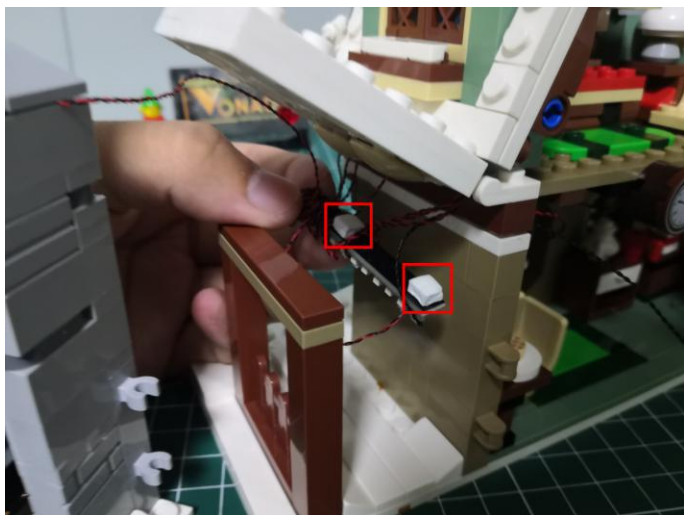
Closet the gap, connect the cable from the chimney to the expansion board.



Take 2 adhesive squares.



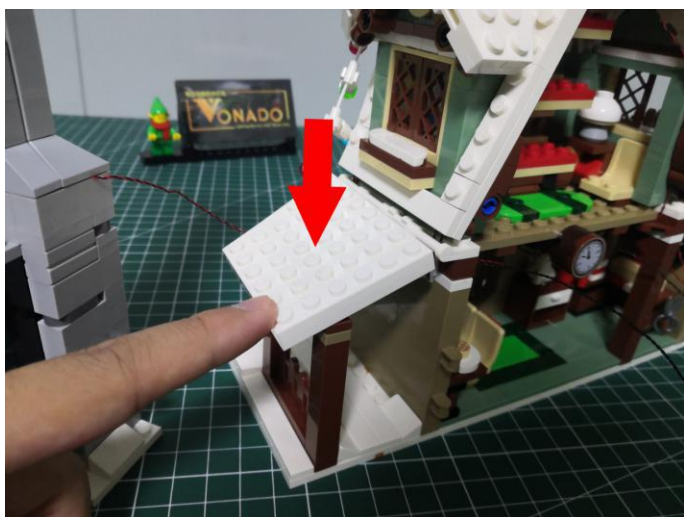
Stick the adhesive squares to the back of the expansion board.



Stick the expansion board to the following place.

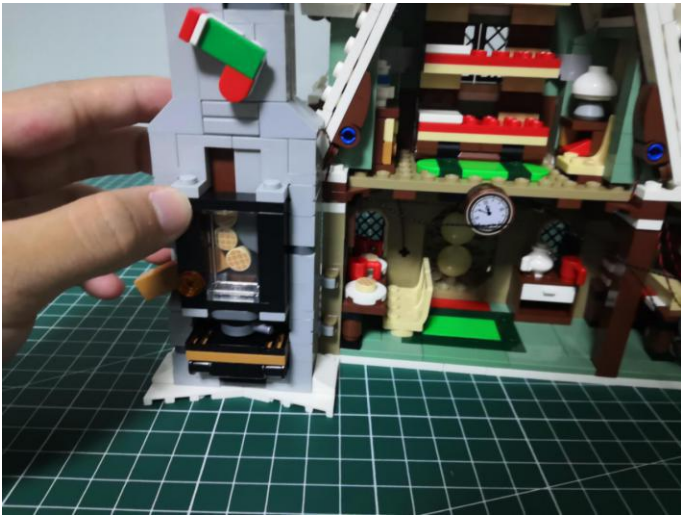


Reconnect the roof.



Reconnect the chimney.

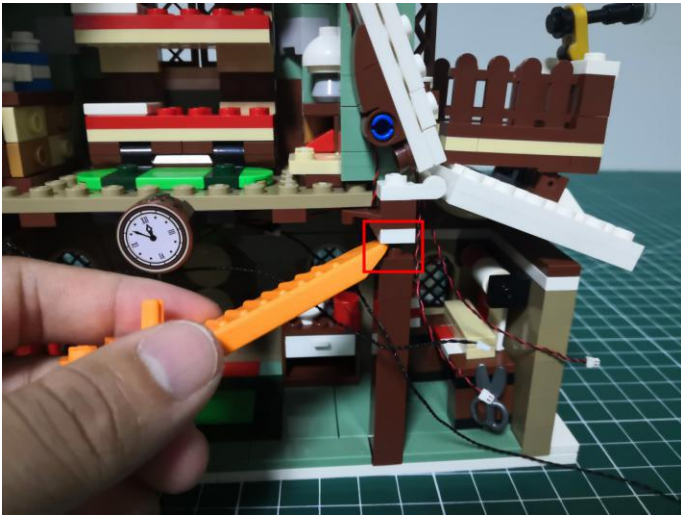




Turn to the following place.



Create a gap at the following place with the tool.



Thread the 2 cables through the following space, and pull them out from the back.



Close the gap.

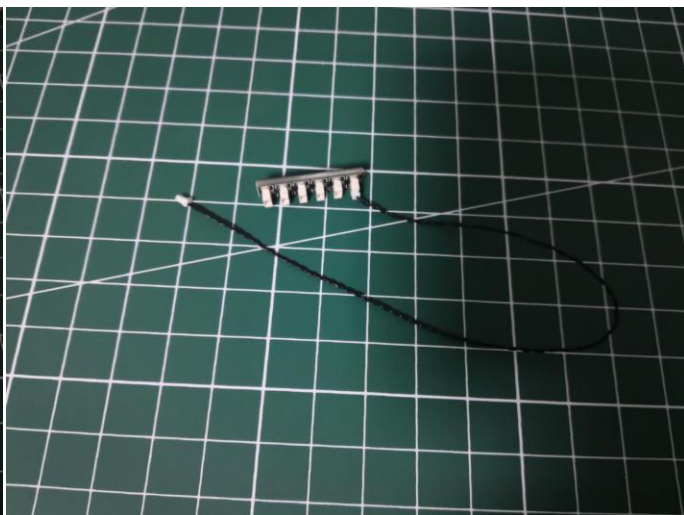
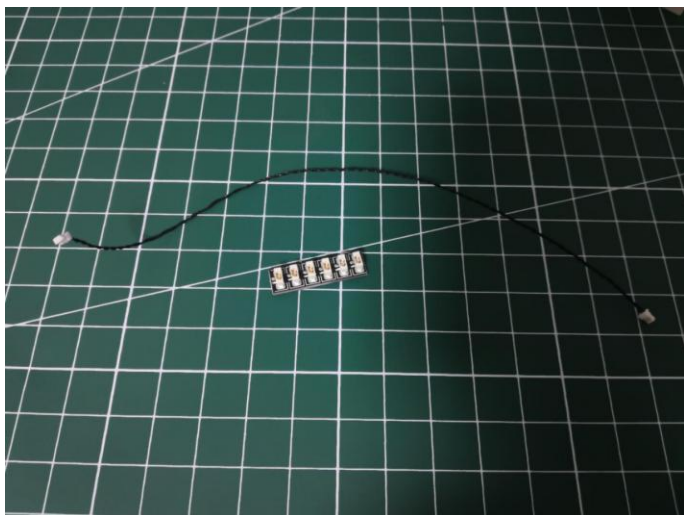


Disconnect the following roof piece.



Take a 15cm connecting cable, a 6-port expansion board, assemble the as per below.

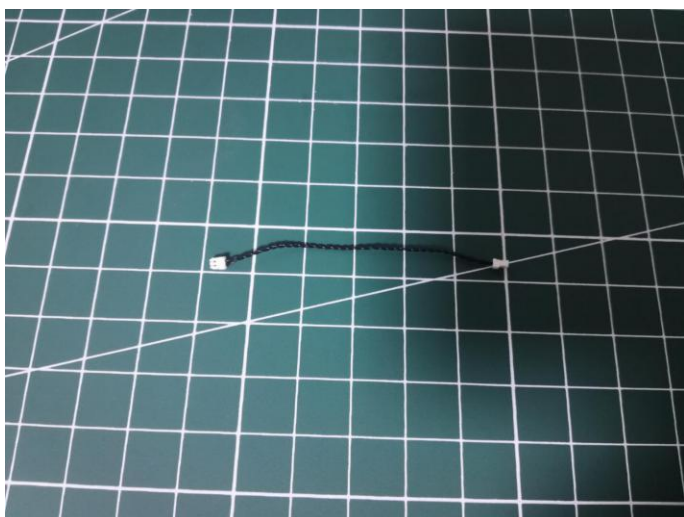




Connect all the cables to the expansion board.



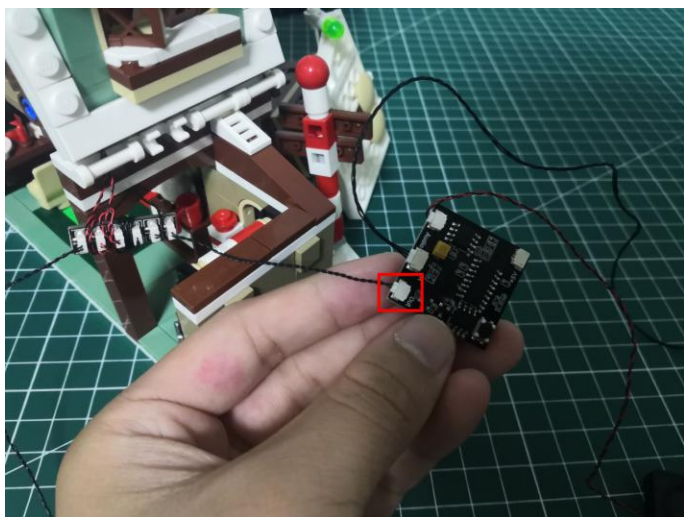
Take a 15cm connecting cable, connect it to the expansion board.



Take the Acousto-optic Control Switch Board.



Connect the 5cm connecting cable from the expansion board to the OUT port on the Acousto-optic Control Switch Board.



Take a USB cable.

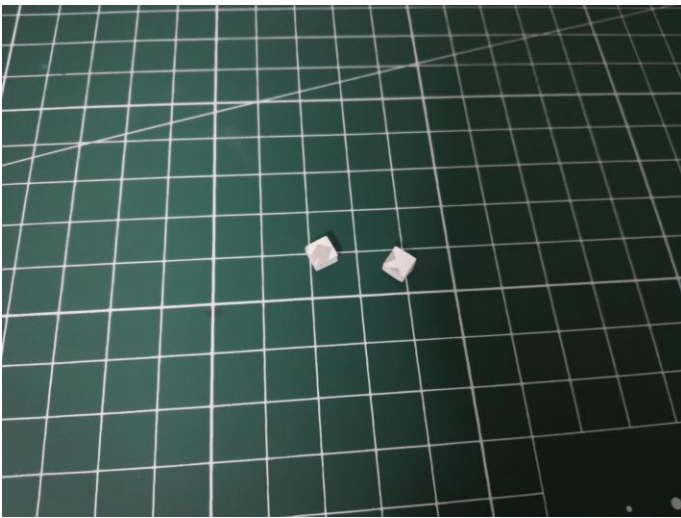


Connect it to the input port on the Acousto-optic Control Switch Board.





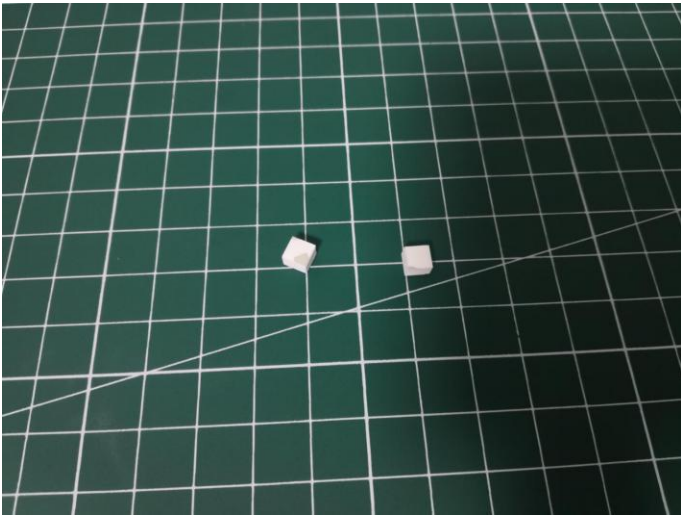
Take 2 adhesive squares.



Stick the adhesive squares to the back of the expansion board, and stick the expansion board to the following place.



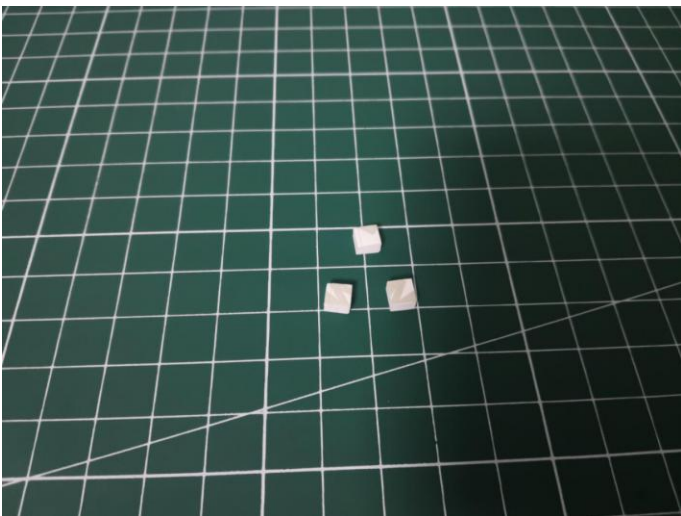
Take 2 adhesive squares.



Stick the adhesive squares to the back of the Acousto-optic Control Switch Board, and stick it to the following place.

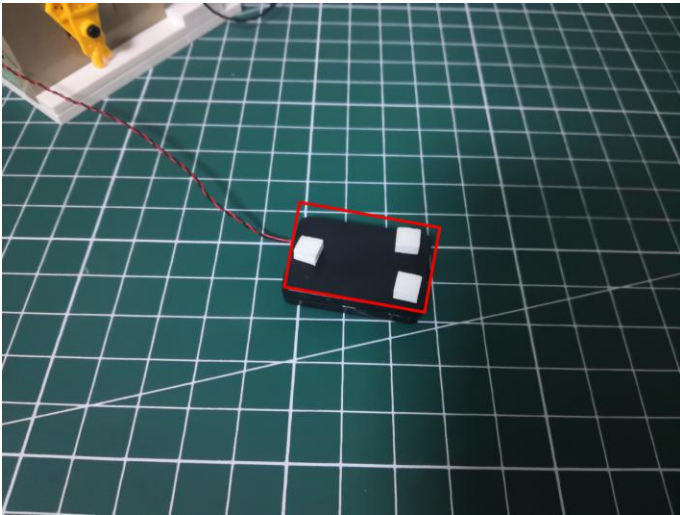


Take 3 adhesive squares.

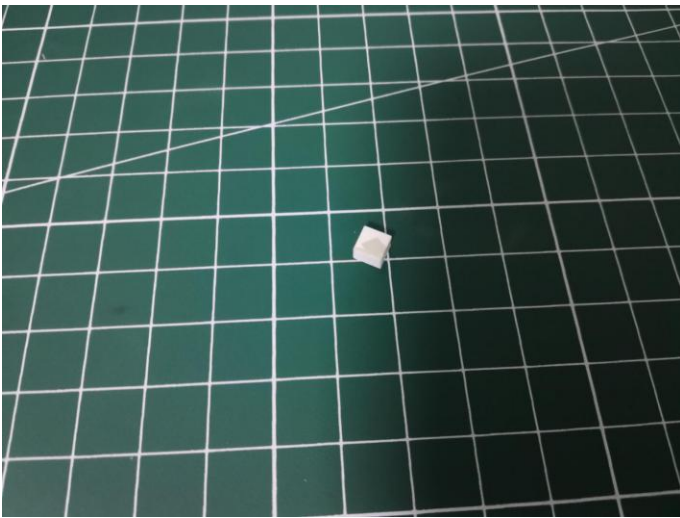


Stick the adhesive squares to the back of the speaker, and stick it to the following place.

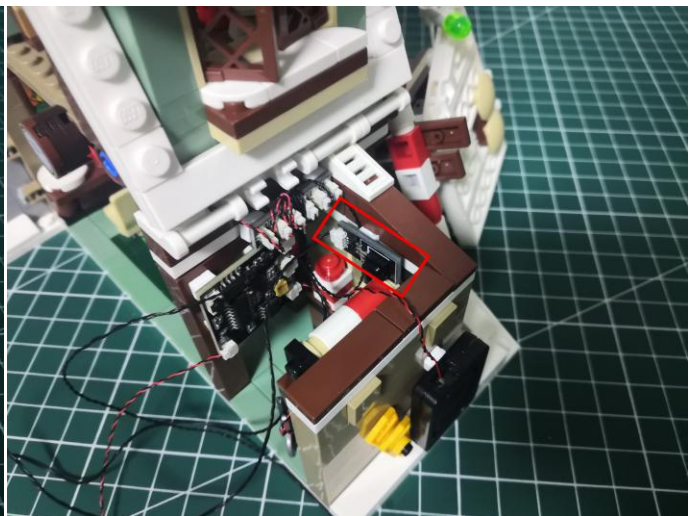
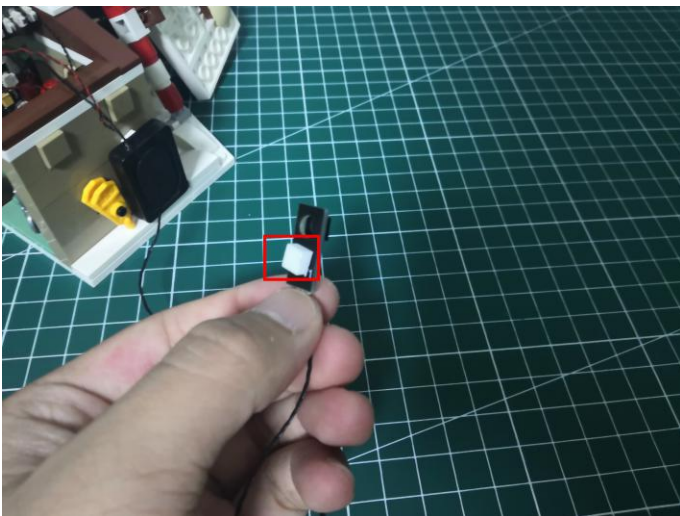




Take an adhesive square.

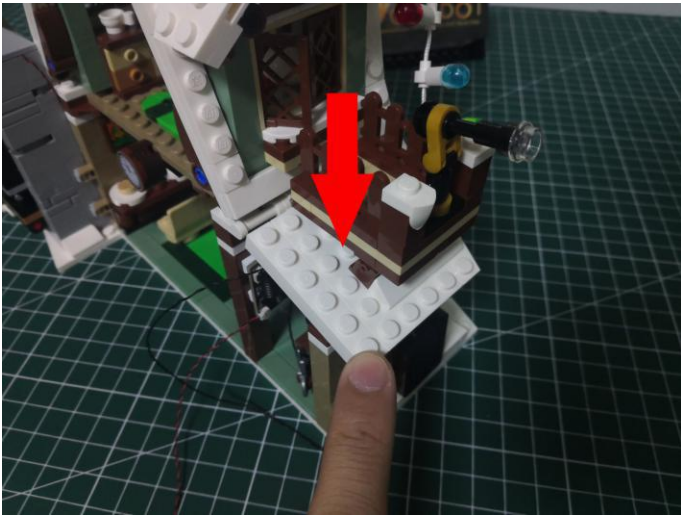


Stick the adhesive squares to the back of the signal receiver, and stick it to the following place.

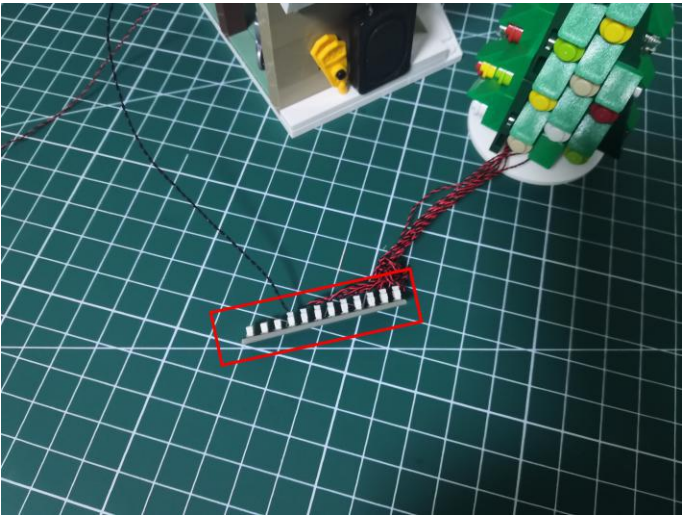


Reconnect the roof.





Connect the cable to the expansion board as per below.



把魔法屋右侧抬起缝隙，将导线放进魔法屋底下压住，如图示



This completes installation of this LED Lighting Kit. ENJOY!





The above are ideas and instructions provided by our designers. Please move on:

- 1: Do you have any suggestions about the material and quality of our products?
- 2: Do you have any suggestions on the installation instructions and the degree of difficulty of the installation?
- 3: If you have better installation method and ideas, please contact us in time.