

10275 Elf Club House P19102

- P19102 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 “10275 P19102”.
- 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.

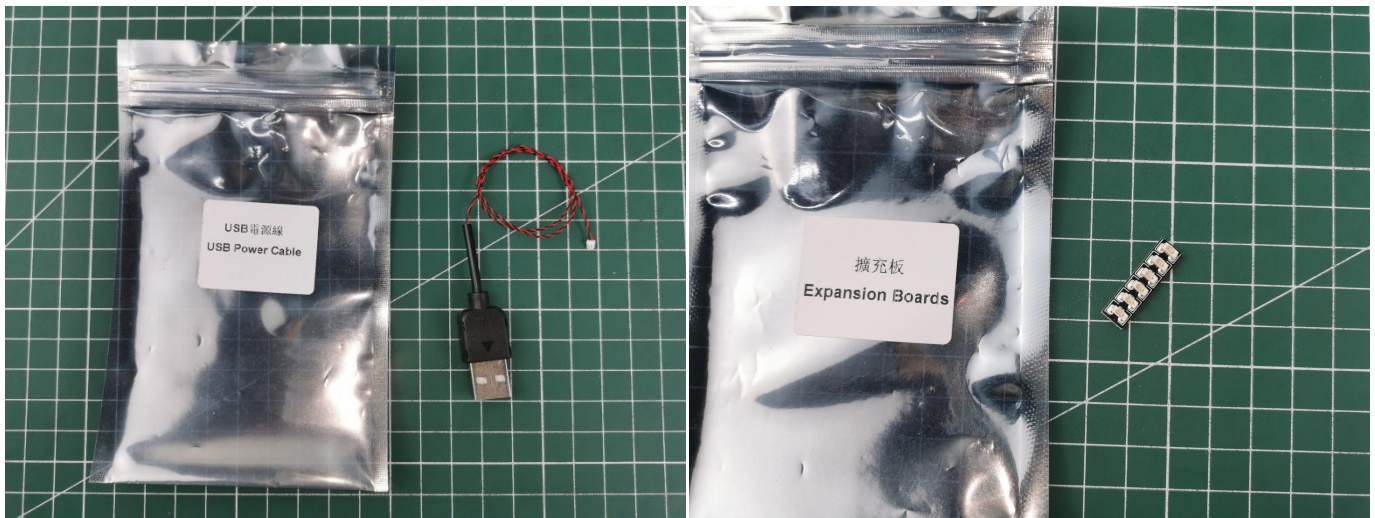
There are 17 bags in this set. The name and quantities of specific components are as shown , please check carefully.

Label	Content	Quantity
Bit Lights-15CM-Warm White	Bit Lights-15CM-Warm White	5
Bit Lights-15CM-White	Bit Lights-15CM-White	1
Bit Lights-15CM-Red	Bit Lights-15CM-Red	2
Bit Lights-15CM-Green	Bit Lights-15CM-Green	1
Bit Lights-15CM-Yellow	Bit Lights-15CM-Yellow	2
Multi-Colour Lights 30CM	Multi-Colour Lights 30CM	2
Multi-Colour Lights 15CM	Multi-Colour Lights 15CM	2
Multi-Colour Lights 30CM	Multi-Colour Lights 30CM	1
Headlights-30CM-Warm White	Headlights-30CM-Warm White	2
Headlights-15CM-Warm White	Headlights-15CM-Warm White	1
LED Strip Lights-Warm White	LED Strip Lights-Warm White	1
Expansion Board	6 Socket Expansion Board	2
	12 Socket Expansion Board	1
	4 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	4
Remote Control Board	Remote Control Board	1
Parts package		

Please contact us immediately if there have any missing components.

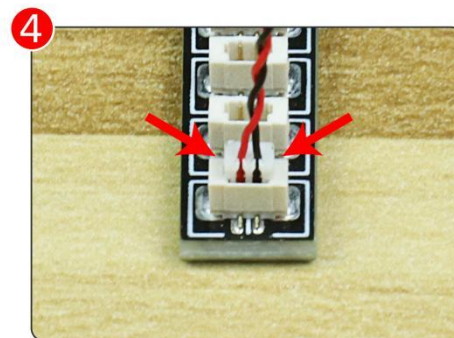
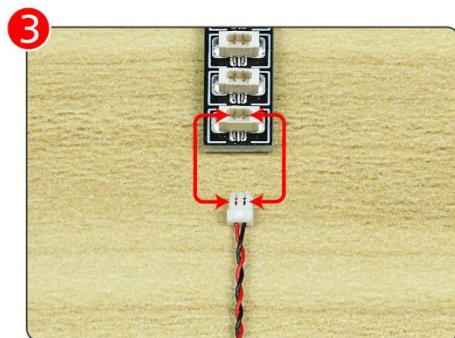
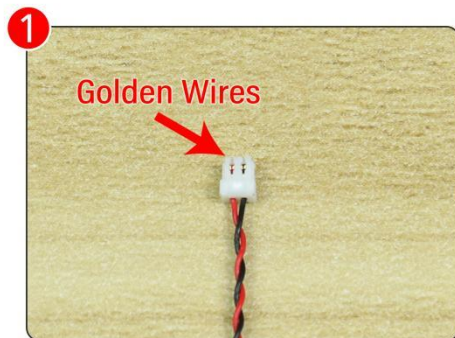
Section B: Test that each components is working properly.

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



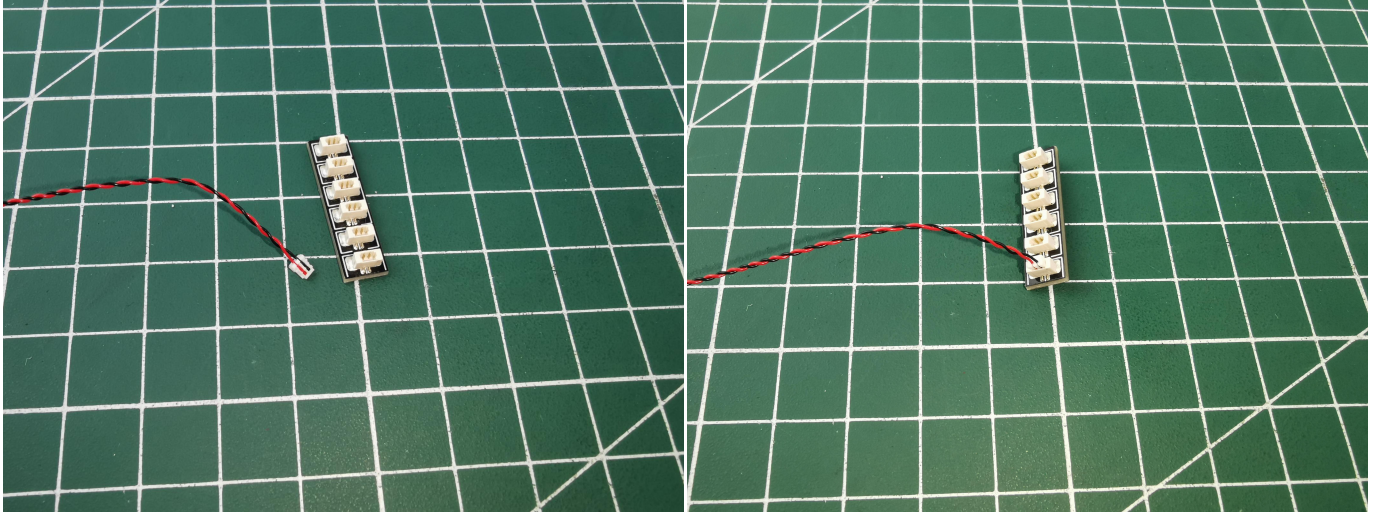
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

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.

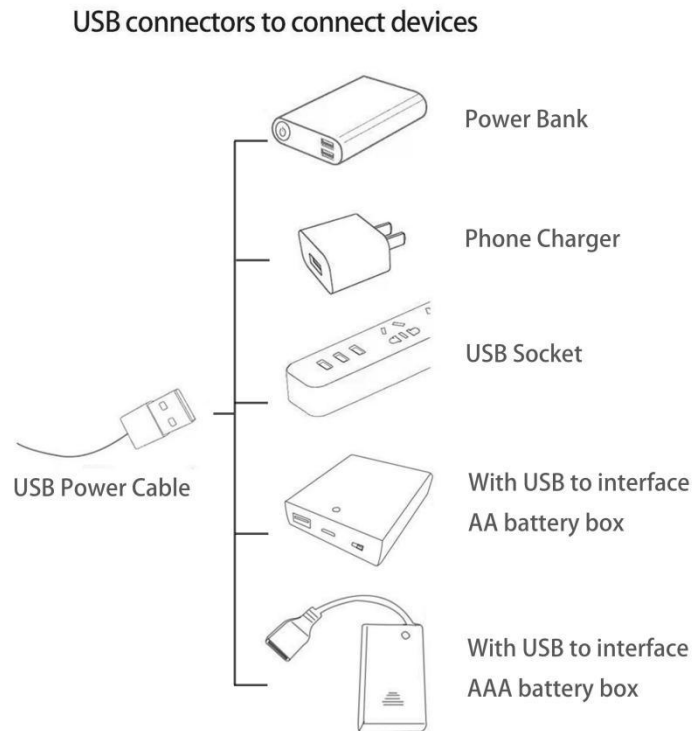


All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

The connection method between the USB Power Cord and Expansion Boards is as follows:



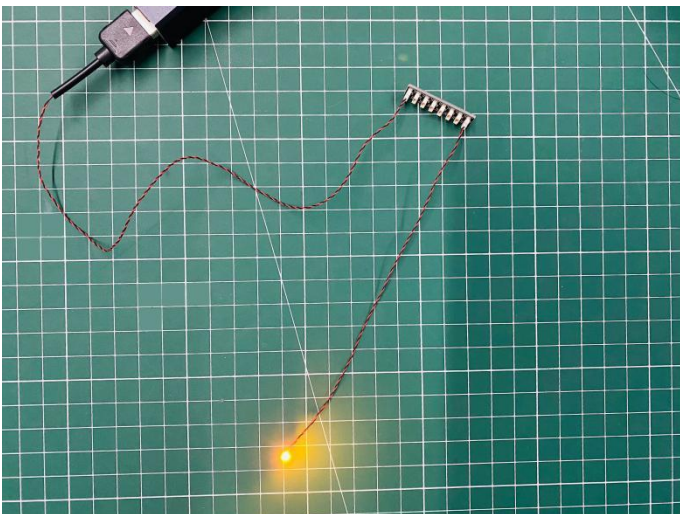
The USB Power Cord can be powered by phone chargers, power banks, etc.



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 4*Bit Lights-15CM-Warm White,1*Bit Lights-15CM-White,2*Bit Lights-15CM-Red,1*Bit Lights-15CM-Green,2*Bit Lights-15CM-Yellow,2*Multi-Colour Lights 30CM,1*Multi-Colour Lights 30CM,1*Multi-Colour Lights 15CM,2*Headlights-30CM-Warm White,1*Headlights-15CM-Warm White,1*LED Strip Lights-Warm White.

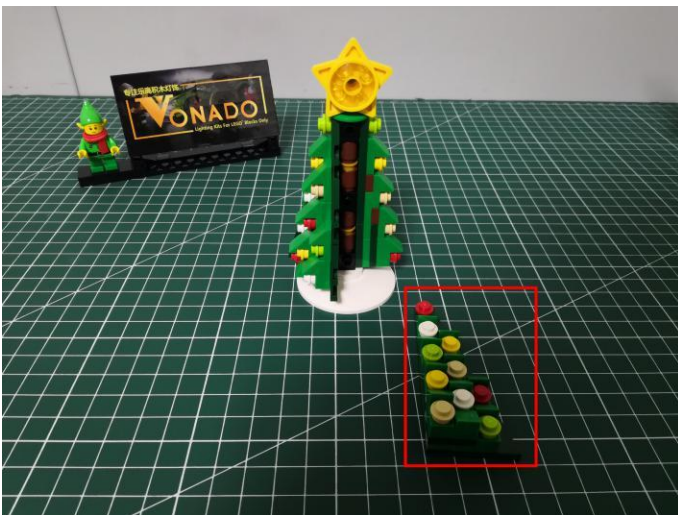
Please contact us immediately if any components don't work.

Section C: laying out components following the instruction.

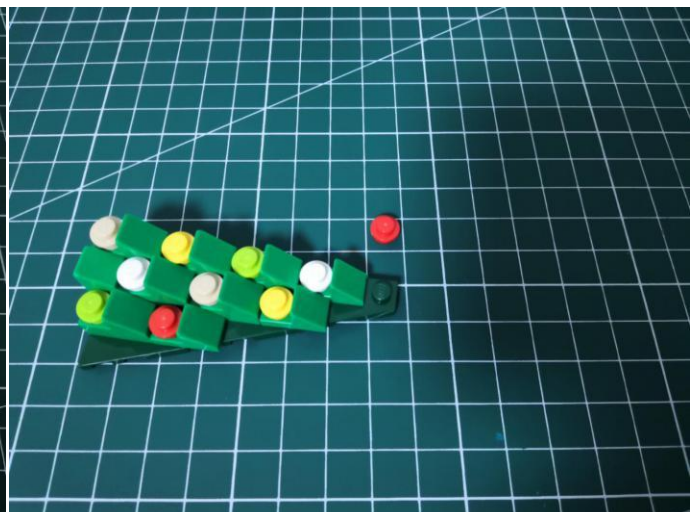
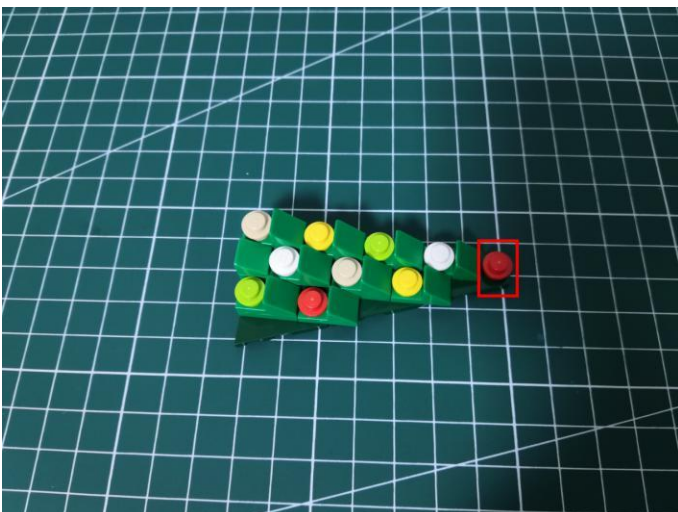
1. Take the Christmas tree.



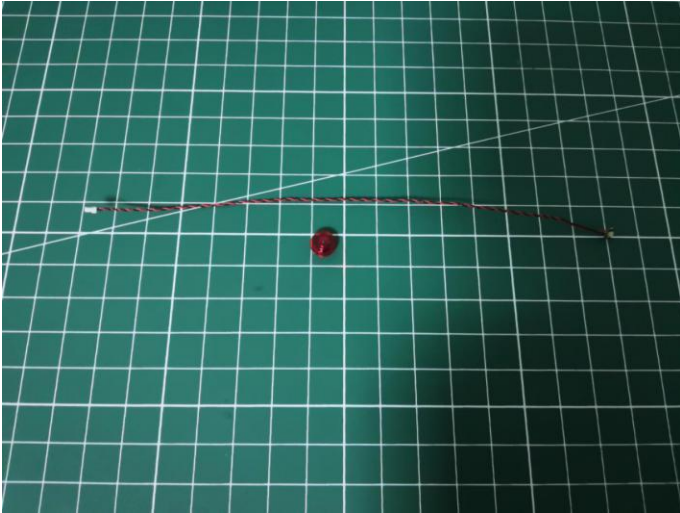
2. Remove the following piece from the right.



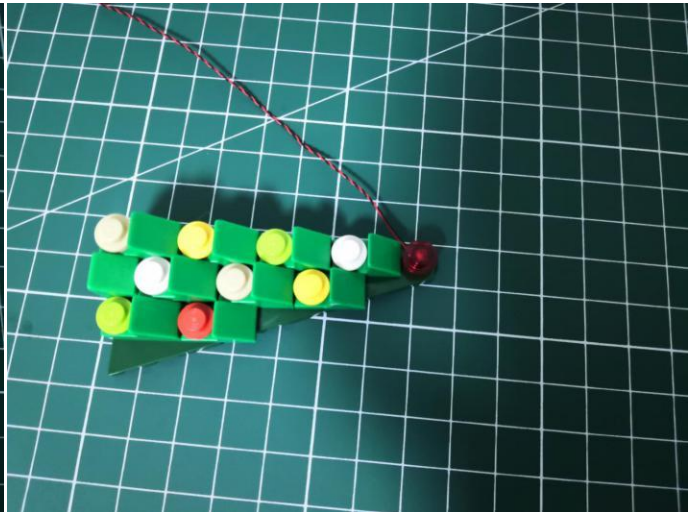
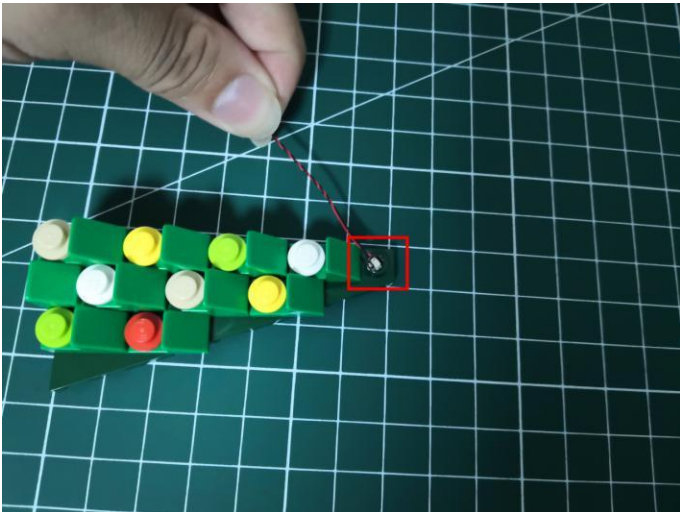
3. Remove the following red round plate.



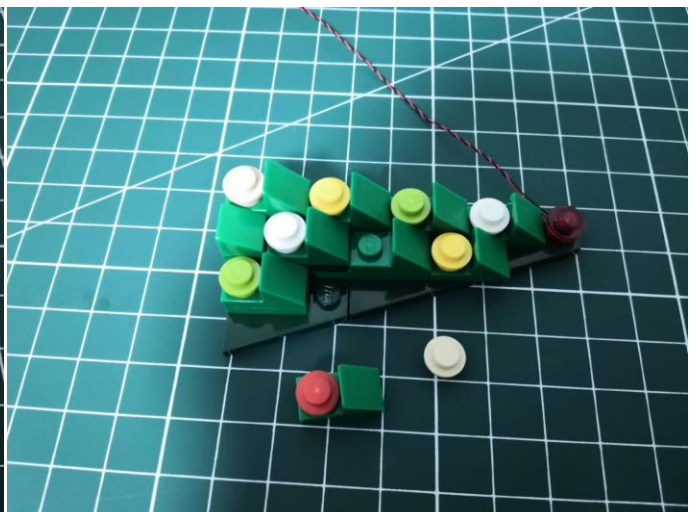
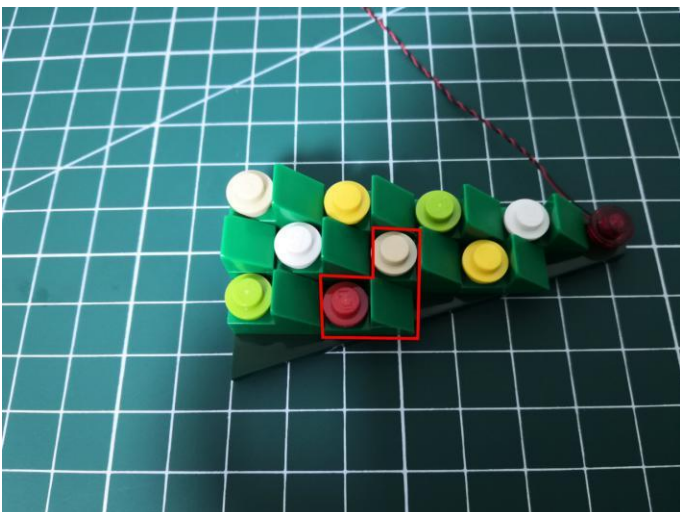
4. Take a 15cm red dot light, a trans red 1x1 round plate.



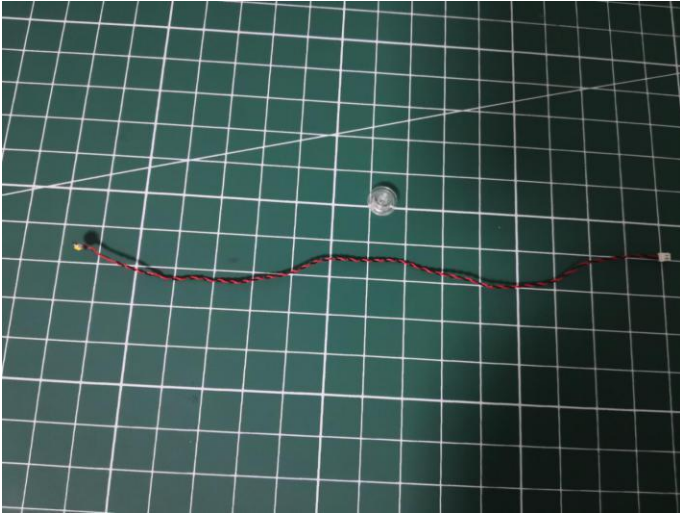
5. With lighting part facing up, connect the trans red round plate over.



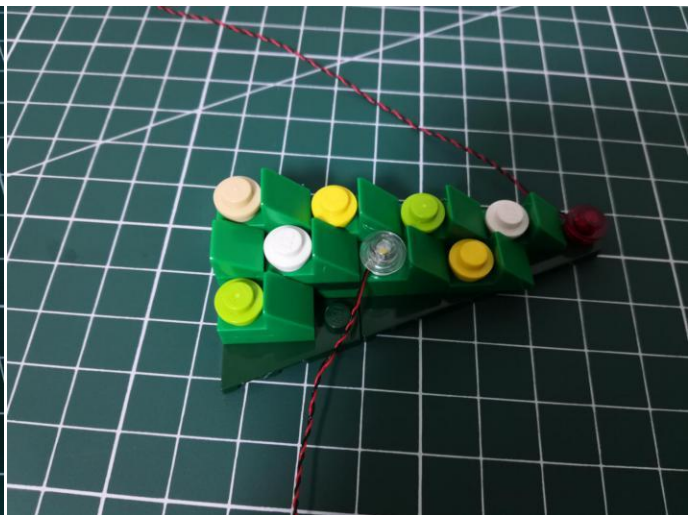
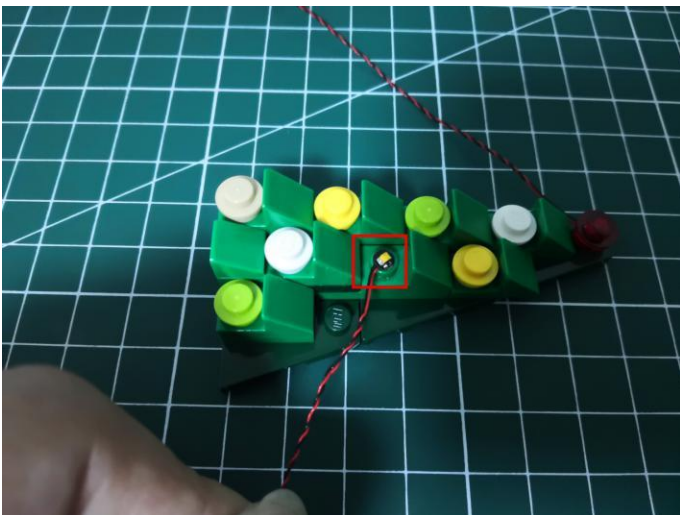
6. Remove the following beige round plate and the red round plate.



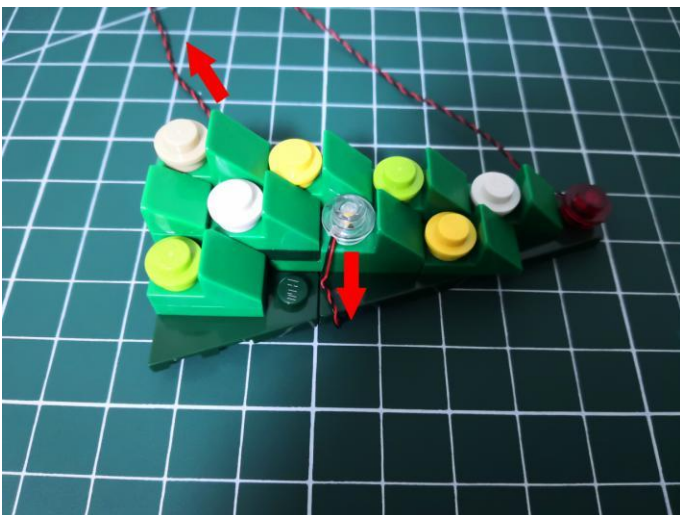
7. Take a 15cm warm white dot light, a trans white 1x1 round plate.



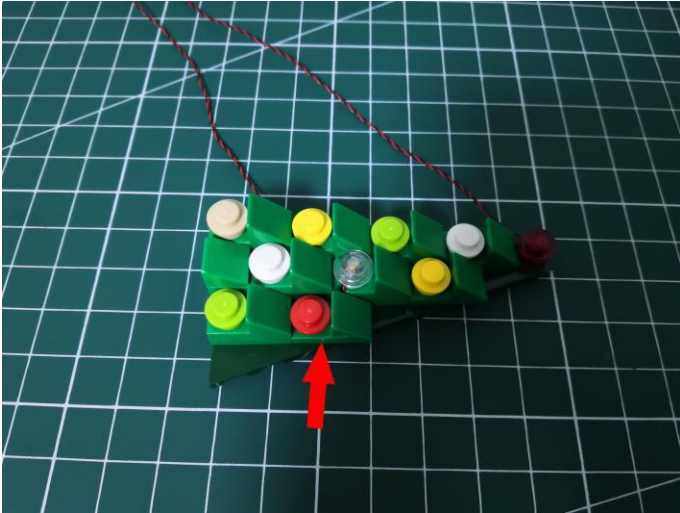
8. With lighting part facing up, connect the trans white round plate over.



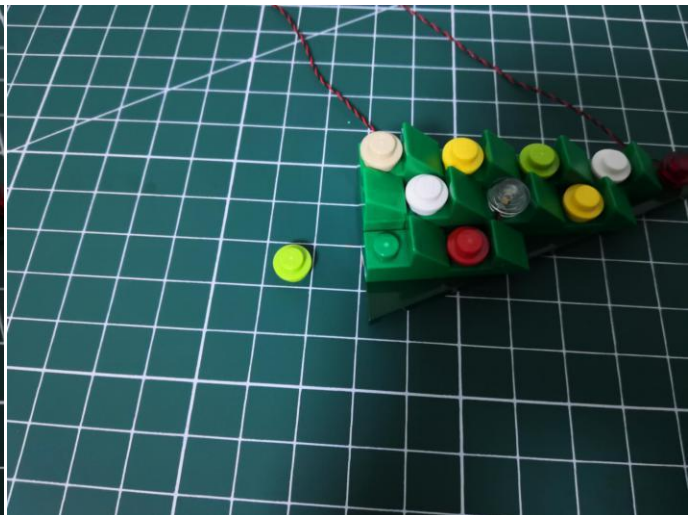
9. Pull the cable backward as per below.



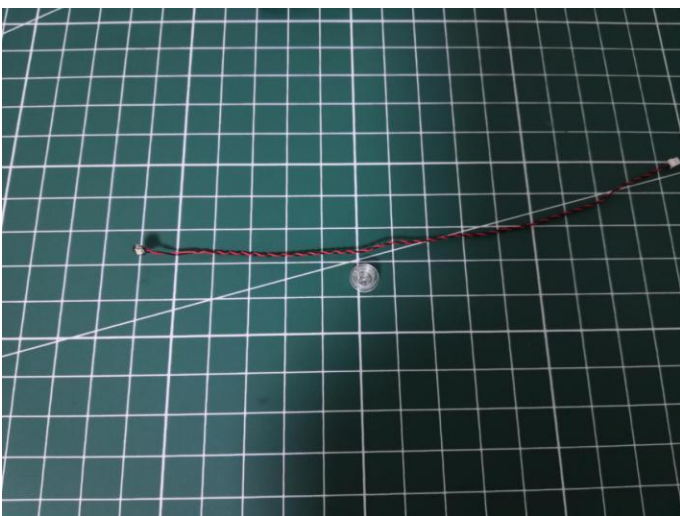
10.Reconnect the red round plate to secure the cable as per below.



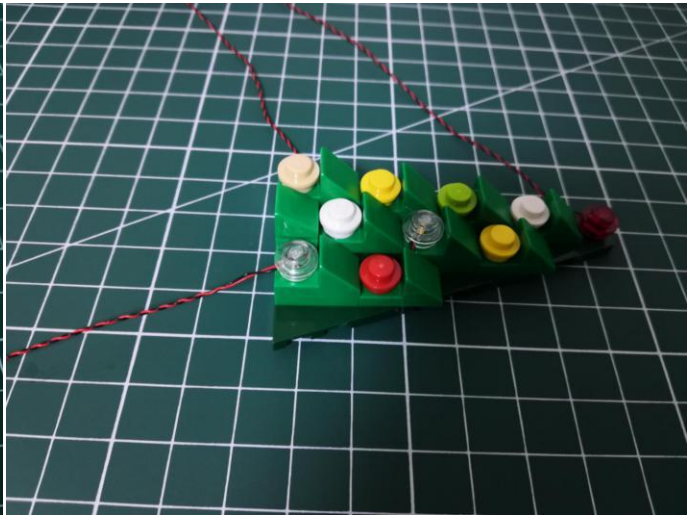
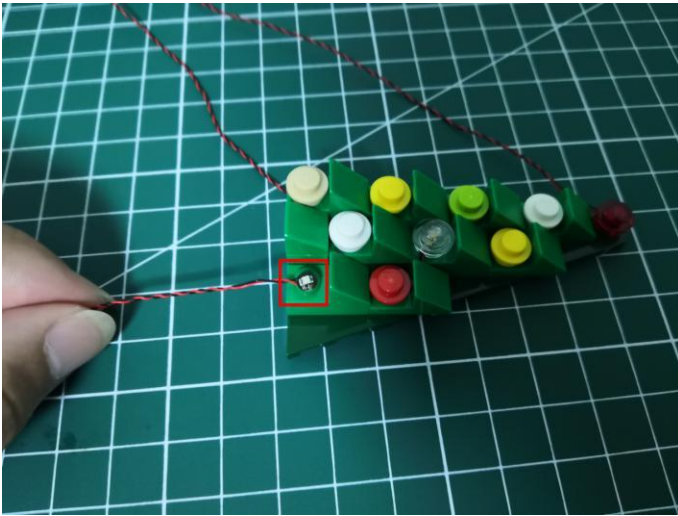
11.Remove the following green round plate.



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



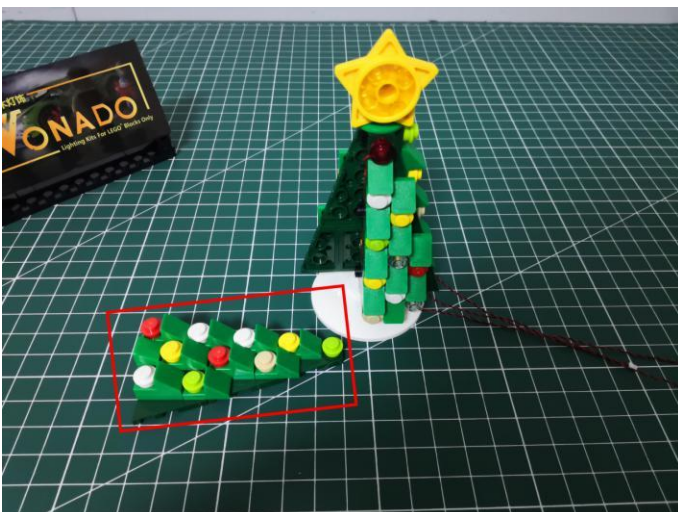
13.With lighting part facing up, connect the trans white round plate over.



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



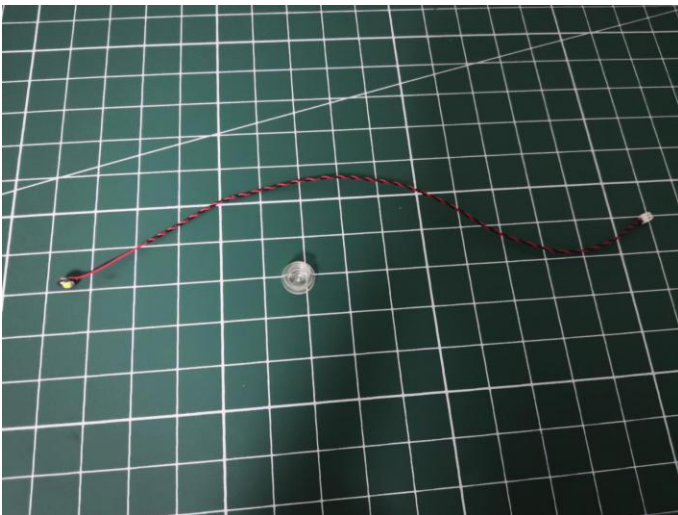
15.Remove the following piece from the left side.



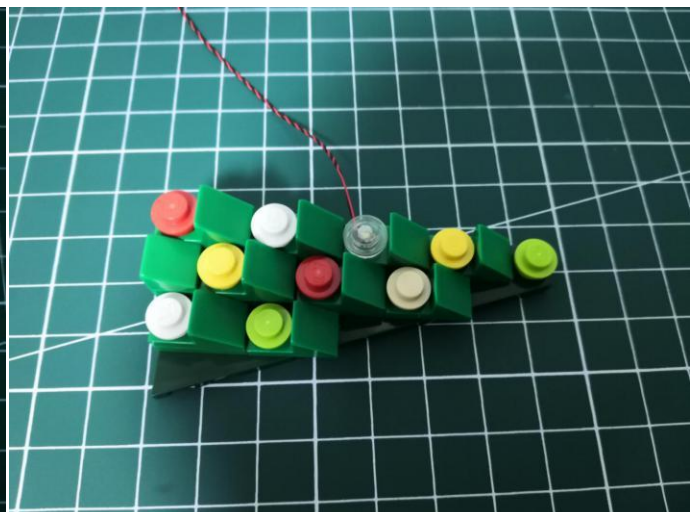
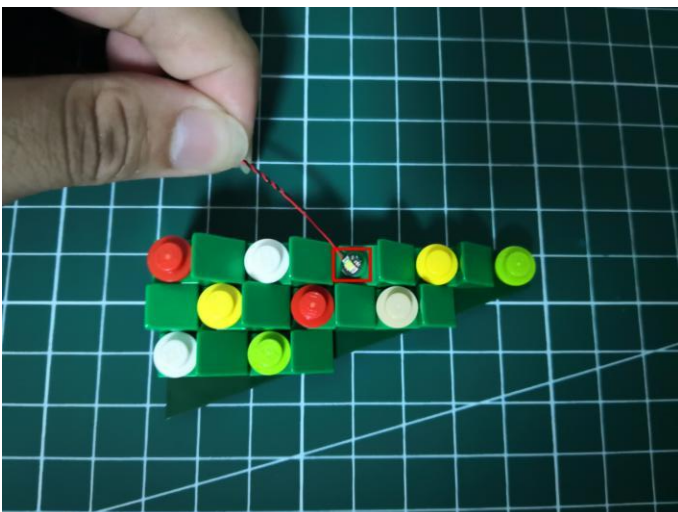
16. Remove the following white round plate.



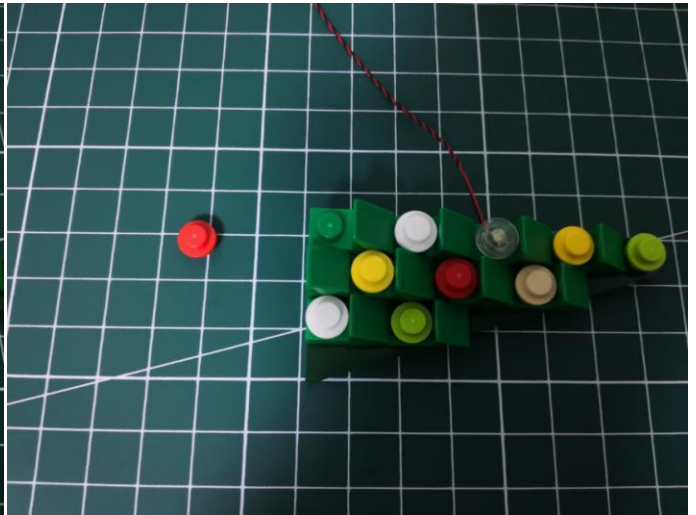
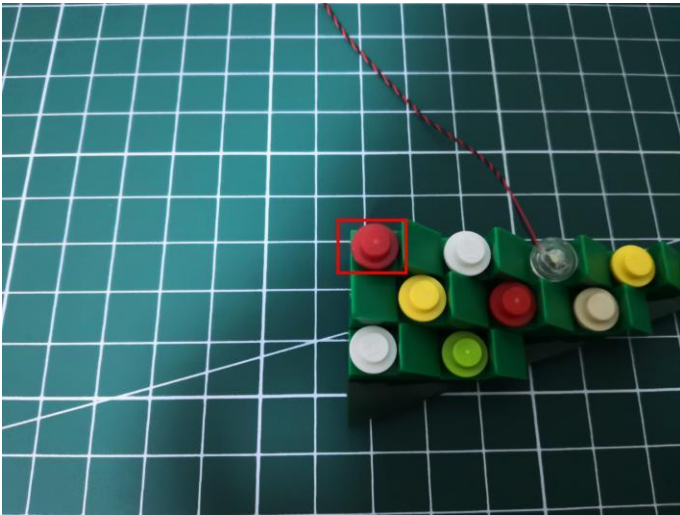
17. Take a 15cm white dot light, a trans white 1x1 round plate.



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



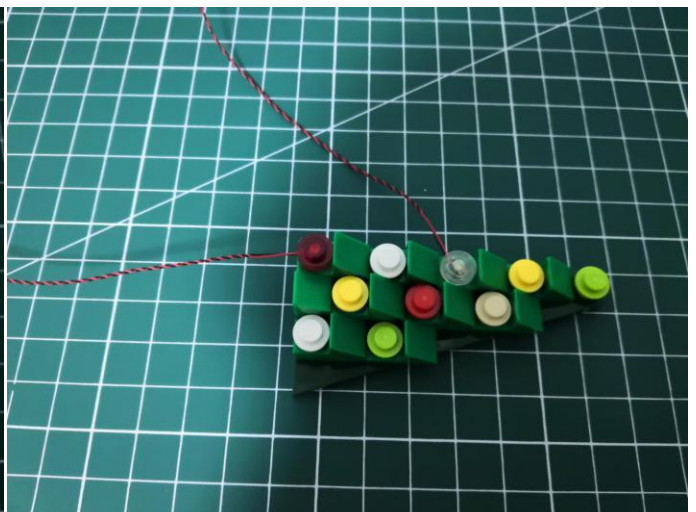
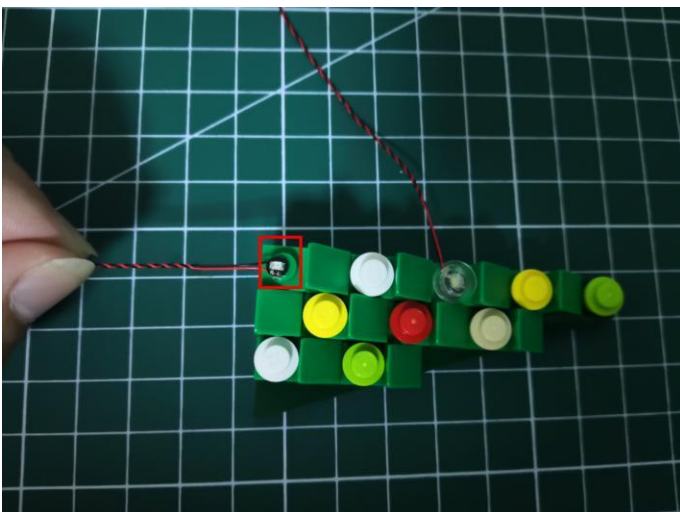
19. Remove the following red round plate.



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



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



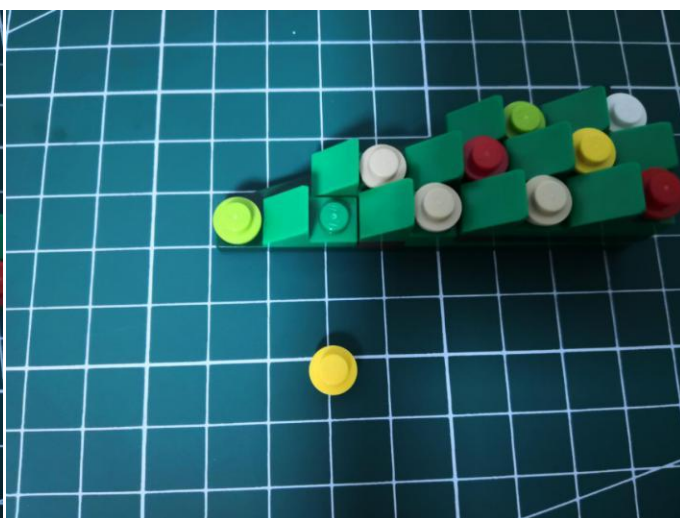
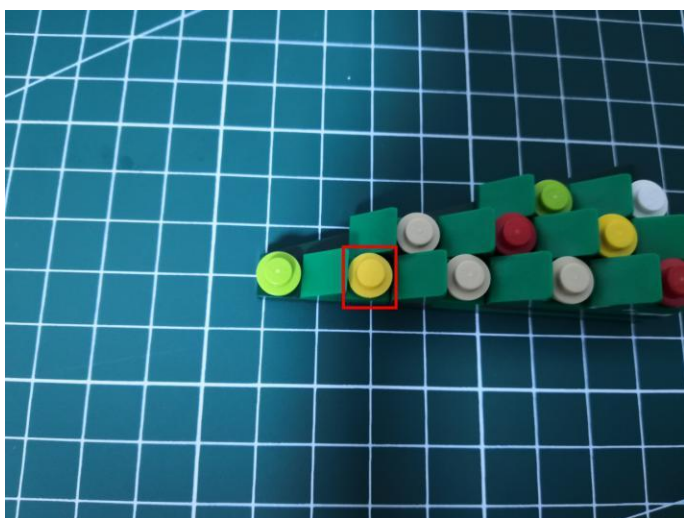
22.Reconnect the piece back to the left side as per below.



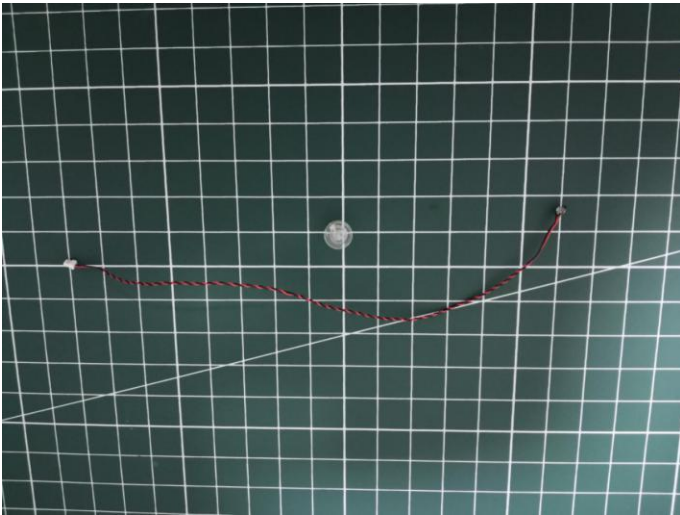
23.Remove the following piece from the back.



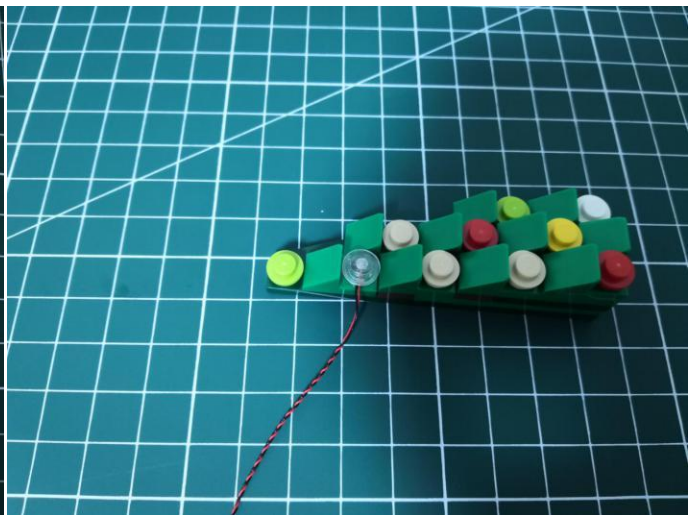
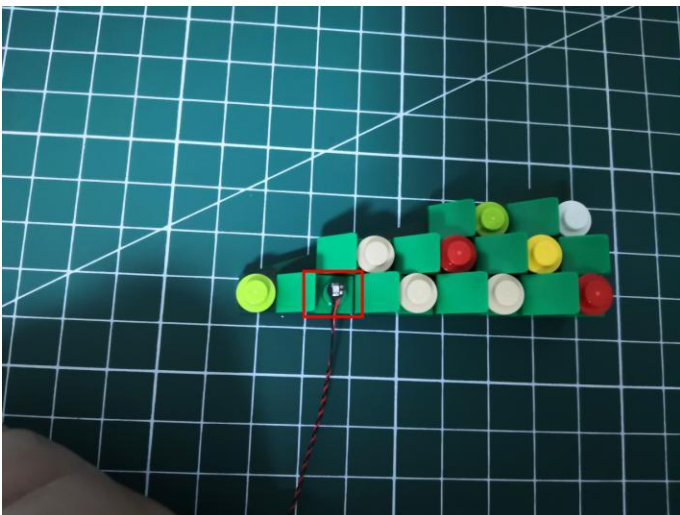
24.Remove the following yellow round plate.



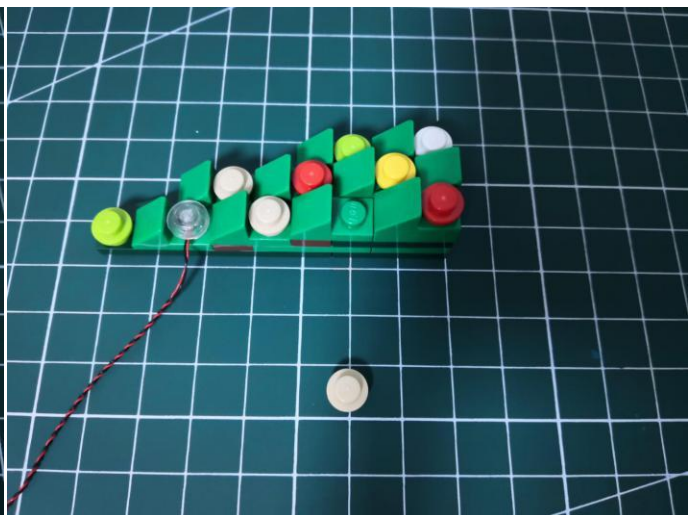
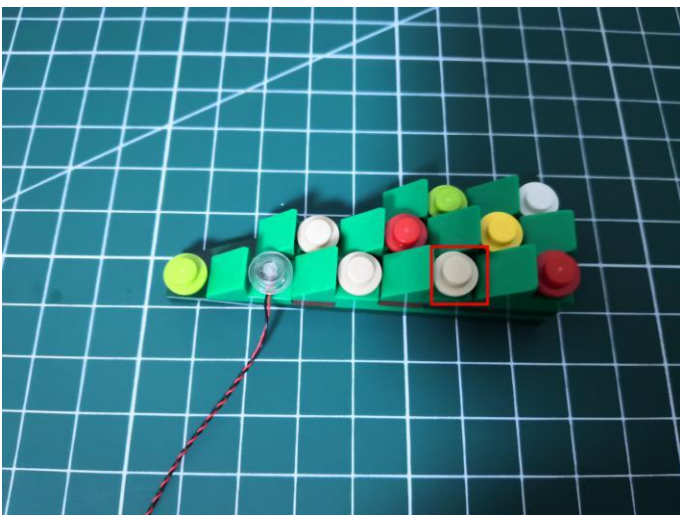
25. Take a 15cm yellow dot light, a trans white 1x1 round plate.



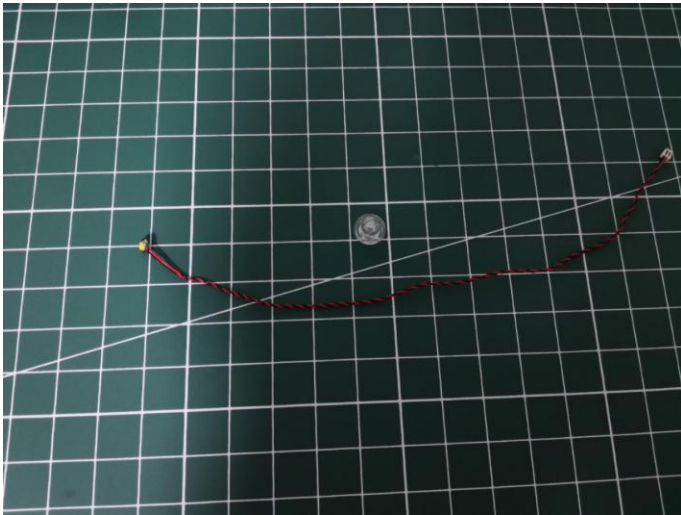
26. With lighting part facing up, connect the trans white round plate over.



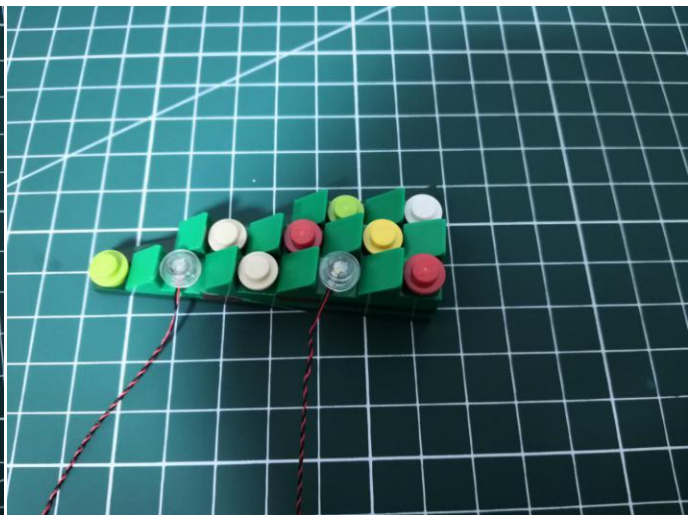
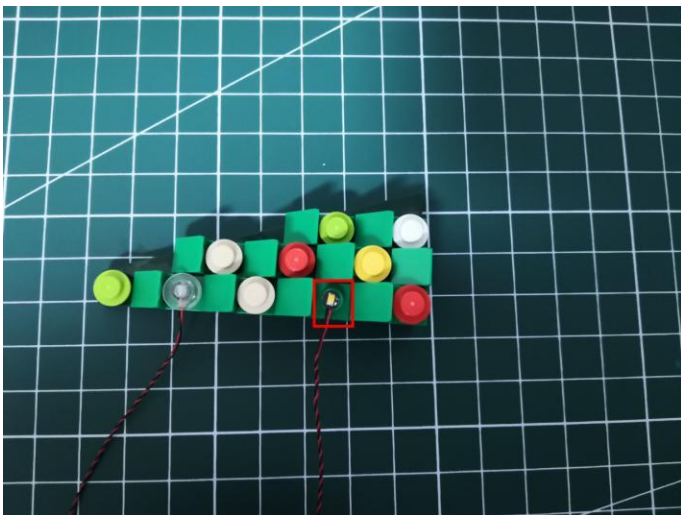
27. Remove the following beige round plate.



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



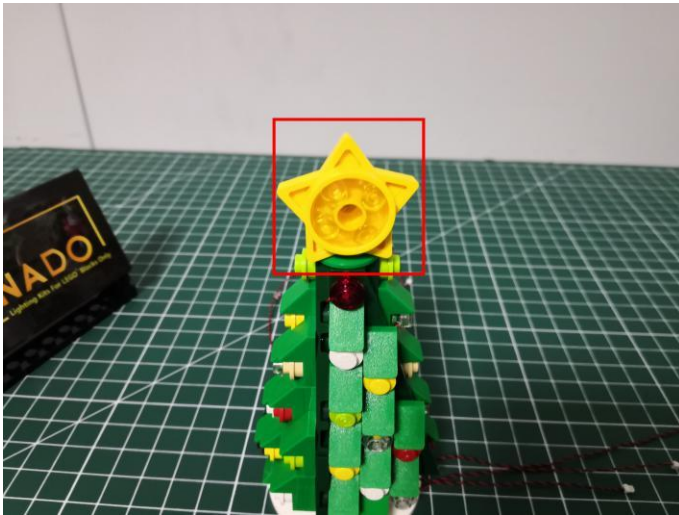
29. With lighting part facing up, connect the trans white round plate over.



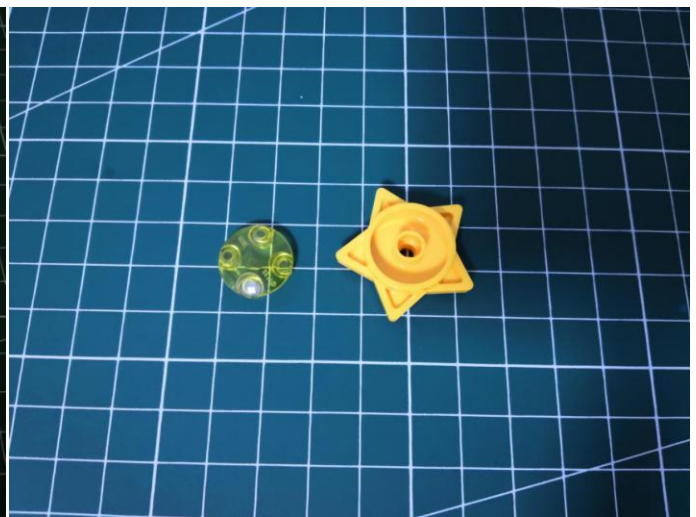
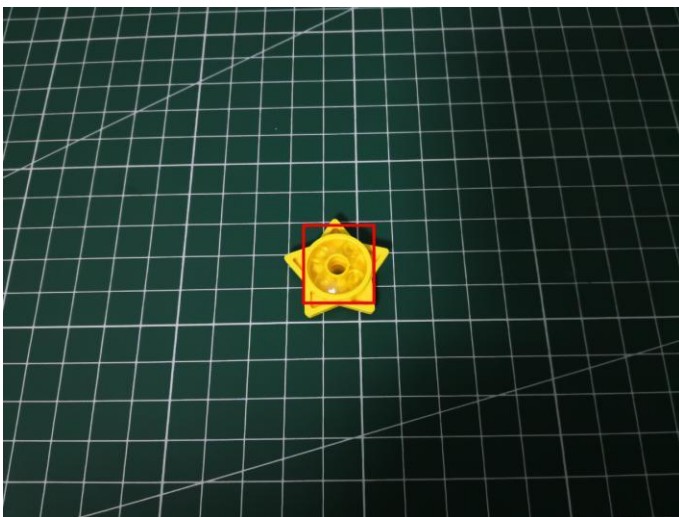
30. Reconnect the piece to the back as per below.



31. Remove the pentagon from the Christmas tree.



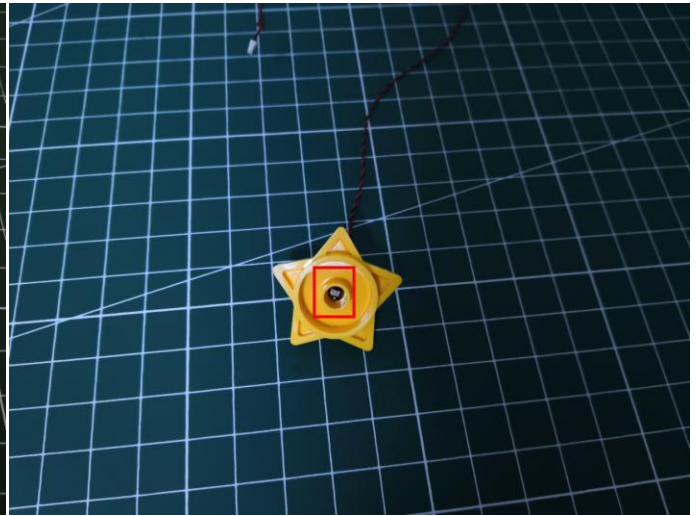
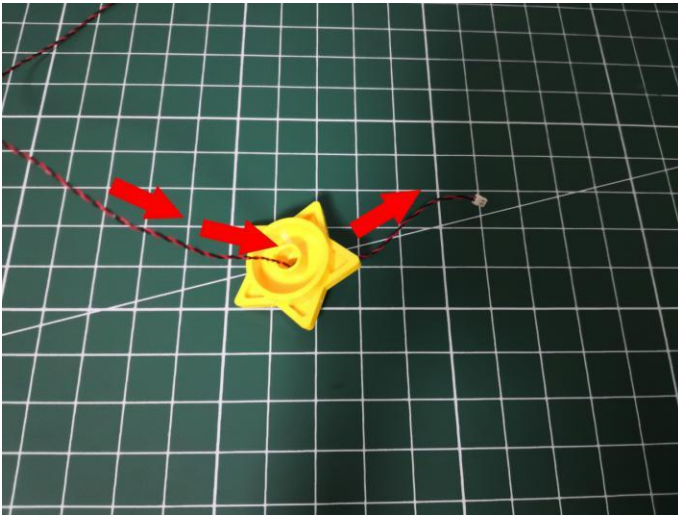
32. Remove the 2x2 trans yellow round plate from the pentagon.



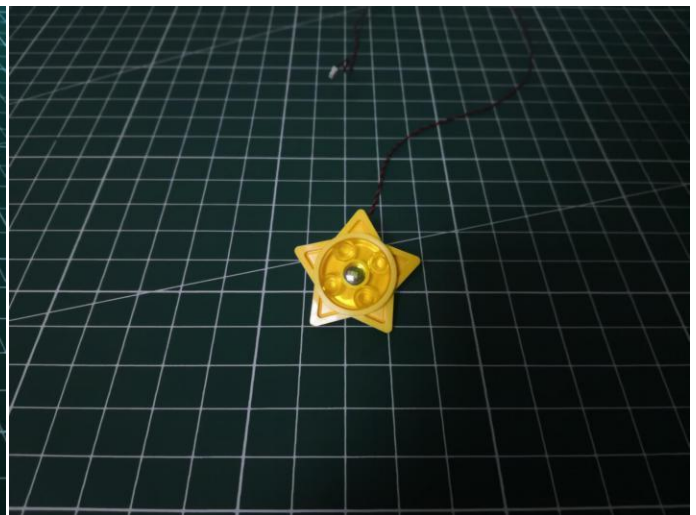
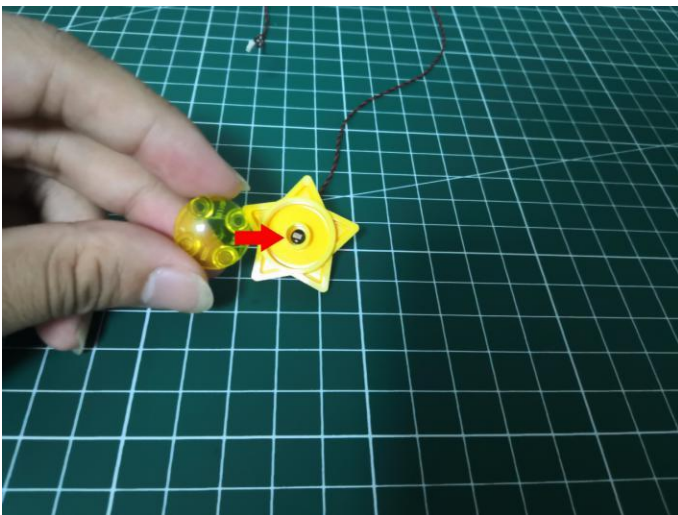
33. Take a 30cm Multi Colour Flashing Light.



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



35.Reconnect the trans yellow round plate.



36.Reconnect the pentagon.



37. Turn to the back of the Christmas tree.



38. Remove the following piece.



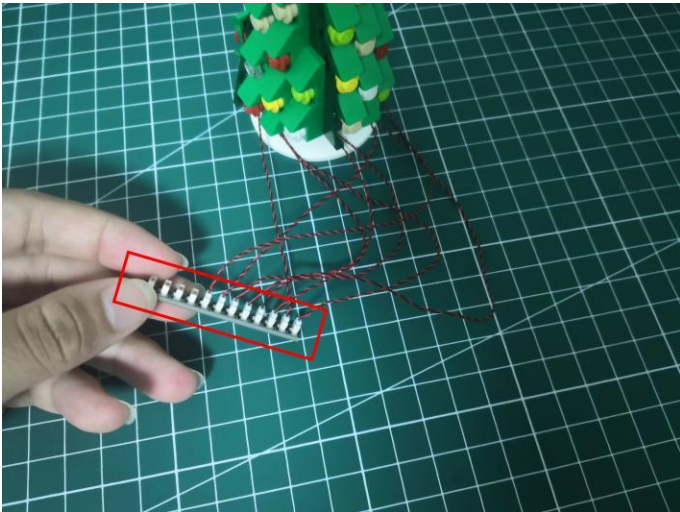
39. Place the cable as per below, reconnect the piece to secure the cable.



40. Take a 12-port expansion board.



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



42. Group the cables together.



43.Take the magic house.



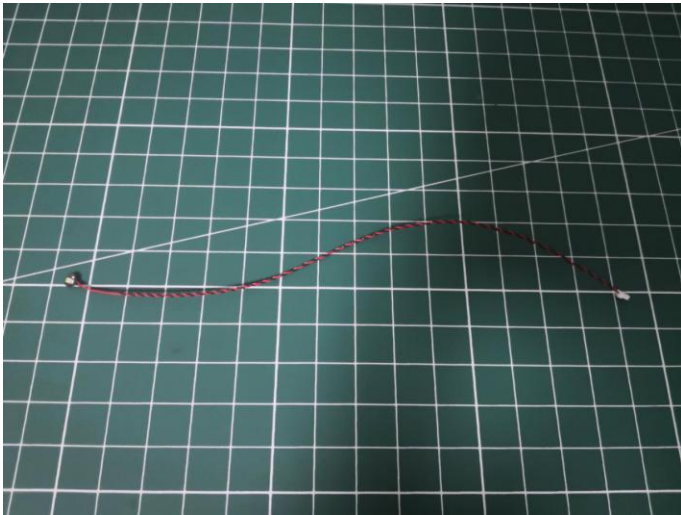
44.Turn to the following place, remove the wall lamp.



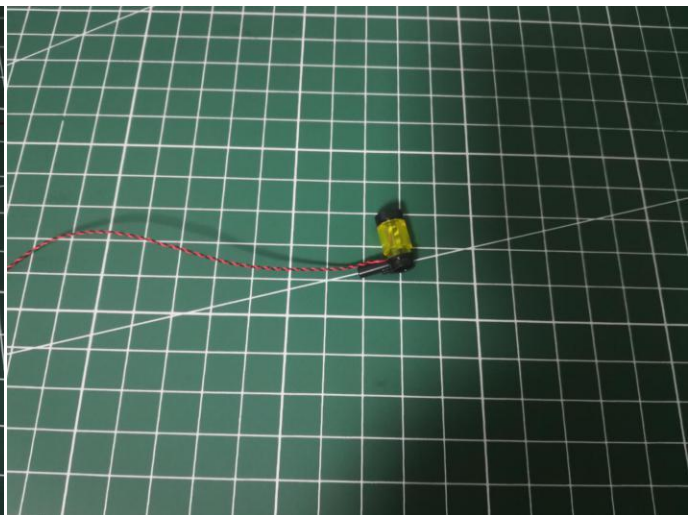
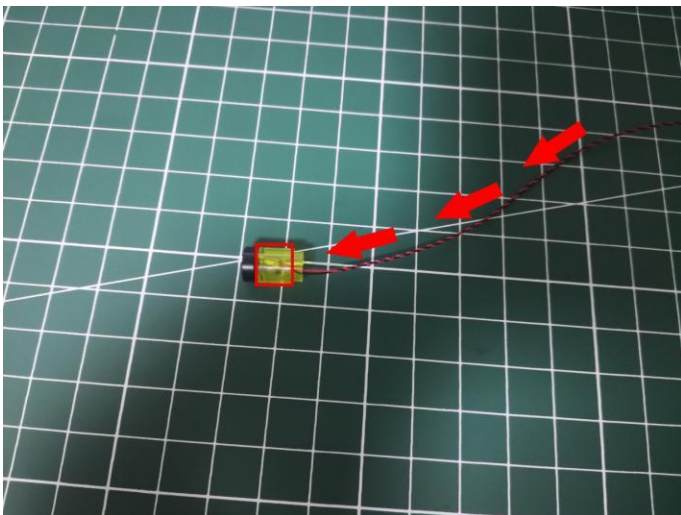
45.Divide the wall lamp into 2 parts.



46. Take a 15cm yellow dot light.



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



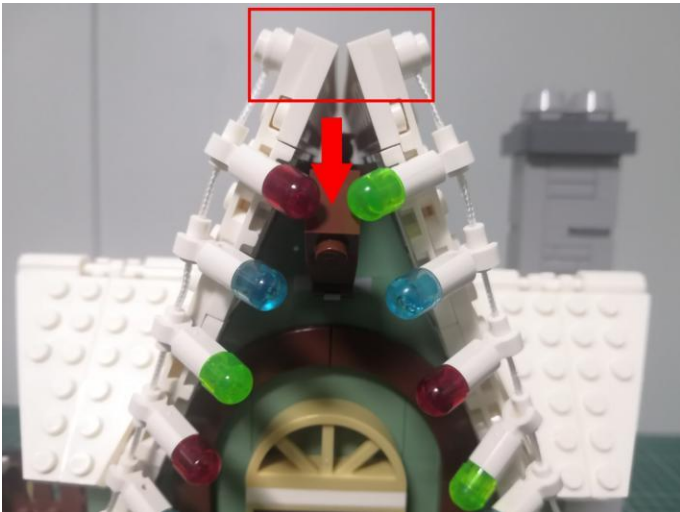
48. Thread the cable through the hole, reconnect the wall lamp.



49. Turn to the roof.



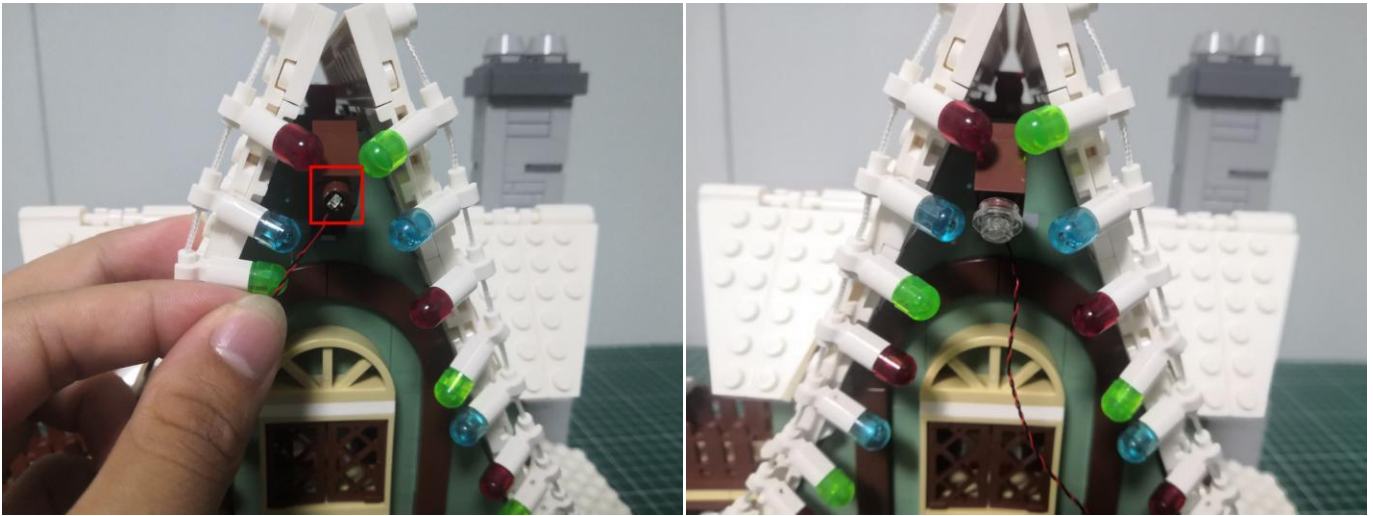
50. Create a gap between both sides of the roof, and pull the following brown piece down.



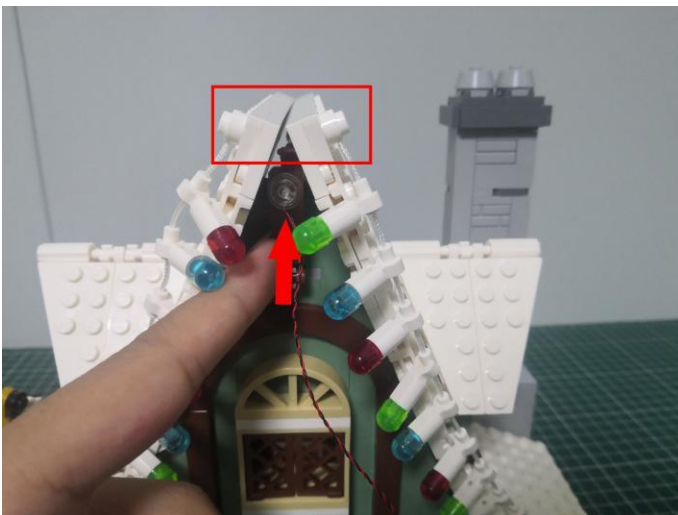
51. Take a 30cm Multi Colour Flashing Light, a trans white 1x1 round plate.



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



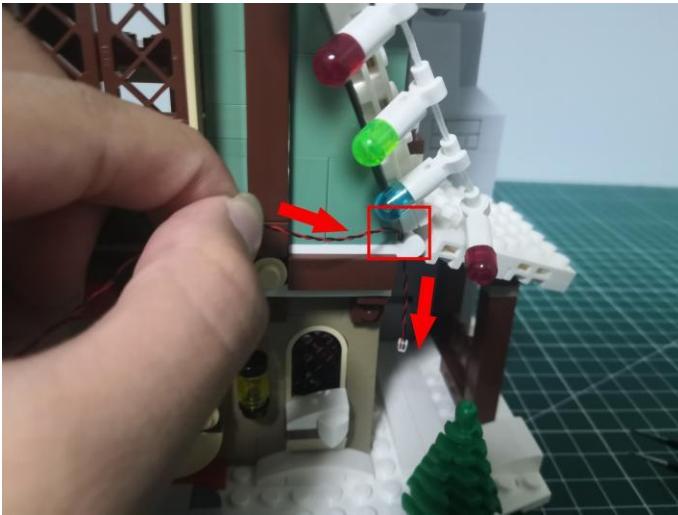
53.Close the gap.



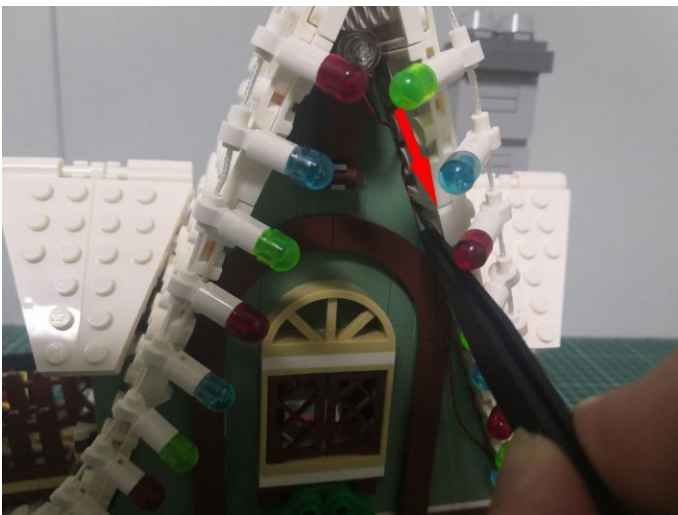
54.Take the cable.



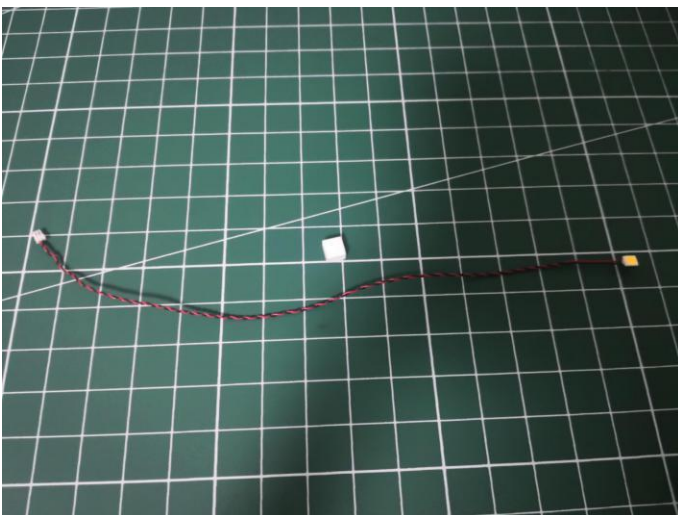
55. Thread the cable through the following space, and pull it out.



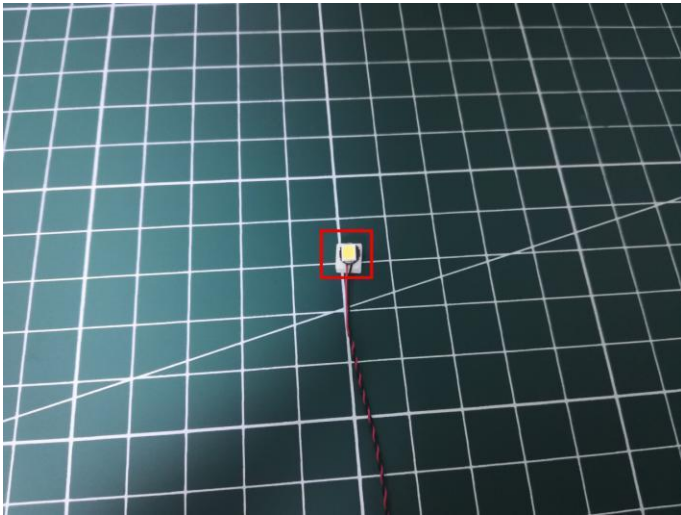
56. Turn to the following place, thread the cable inside with the tweezers as per below.



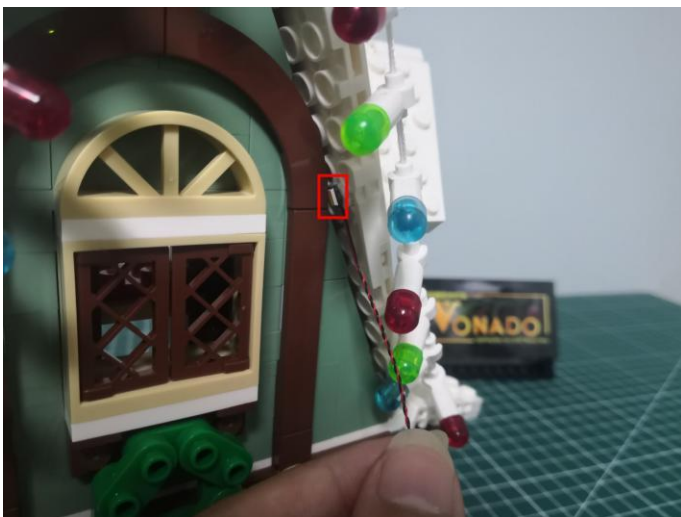
57. Take a 15cm head light, an adhesive square.



58.Stick the adhesive square to the back of the light.



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



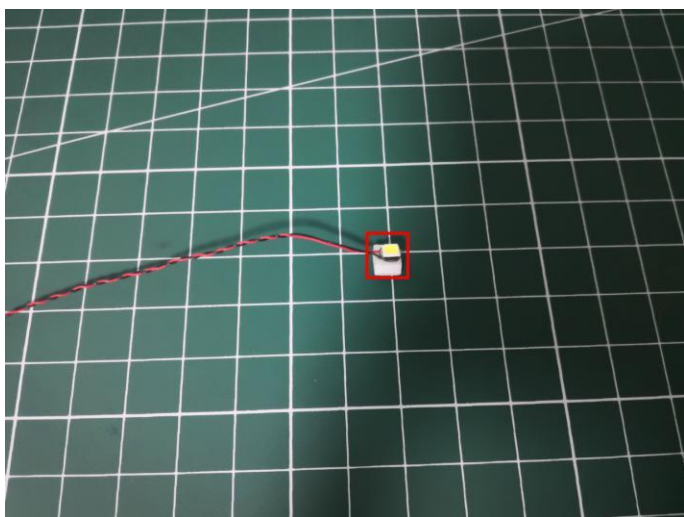
60.Thread the cable through the following space, and pull it out.



61. Take a 30cm head light, an adhesive square.



62. Stick the adhesive square to the back of the light.



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



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



65. Disconnect the following brown plate.



66. Place the cable as per below.



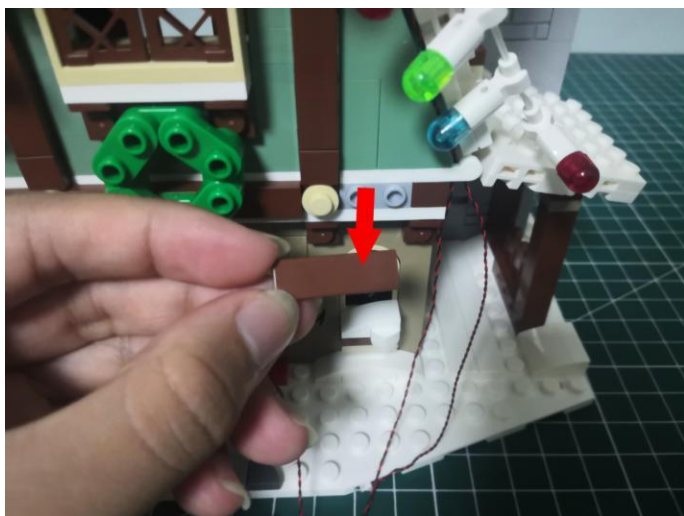
67.Reconnect the brown plate to secure the cable as per below.



68.Turn to the right side.



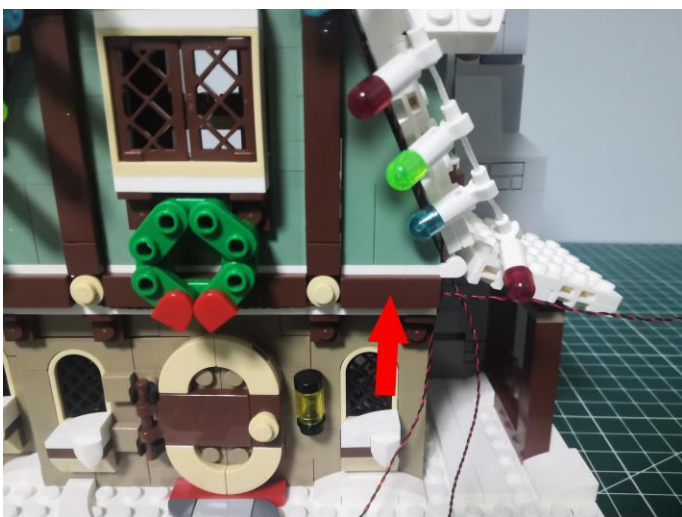
69.Disconnect the following brown plate.



70.Place the cable as per below.



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



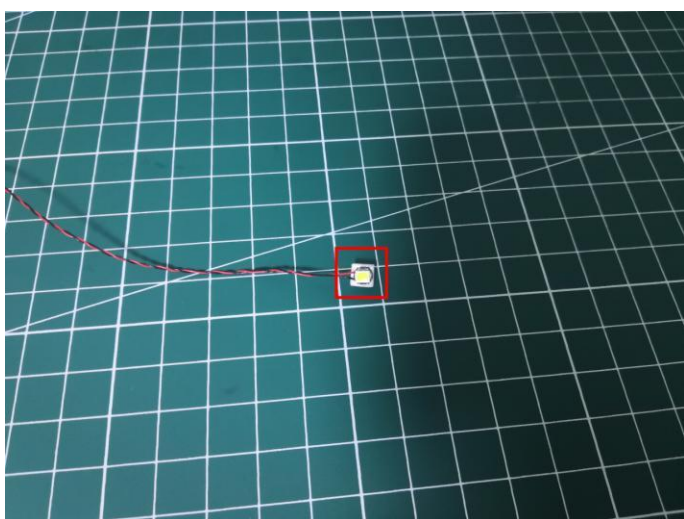
72.Turn to the back.



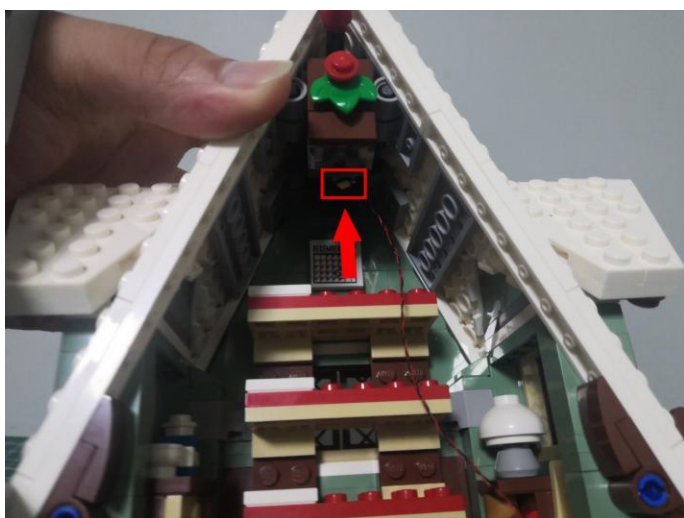
73.Take a 30cm head light, an adhesive square.



74.Stick the adhesive square to the back of the light.



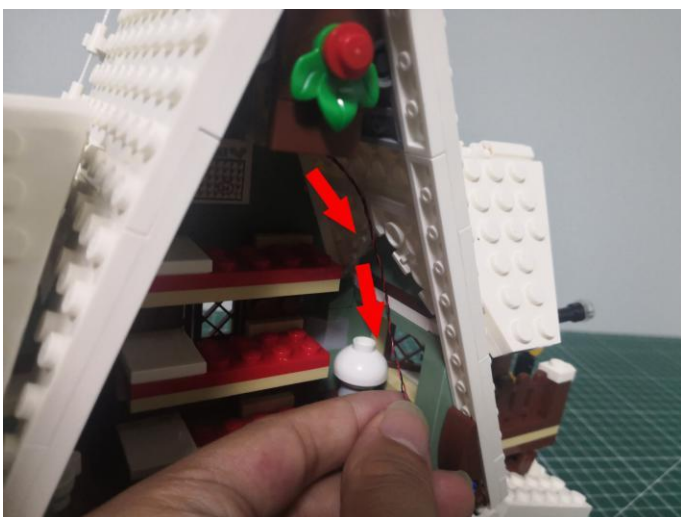
75.Stick the light to the following place inside the roof.



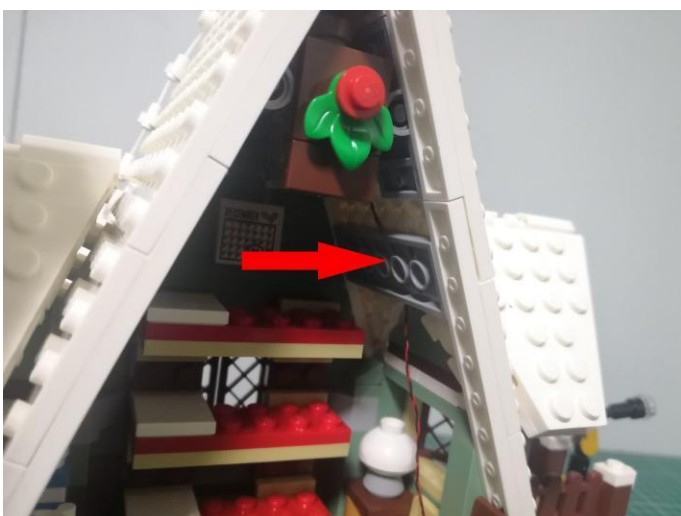
76. Disconnect the following gray piece.



77. Place the cable as per below.



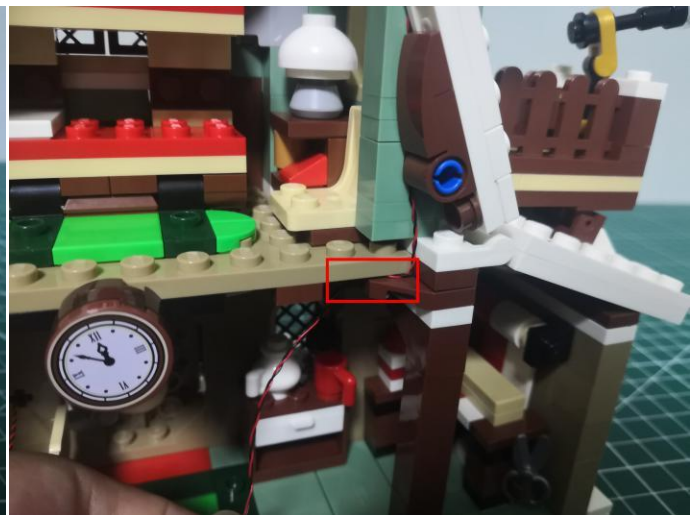
78. Reconnect the following gray piece.



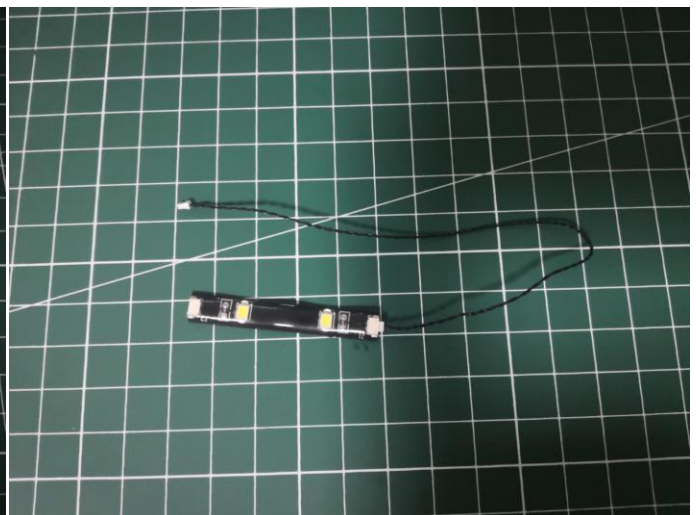
79.Place the cable inside the following space.



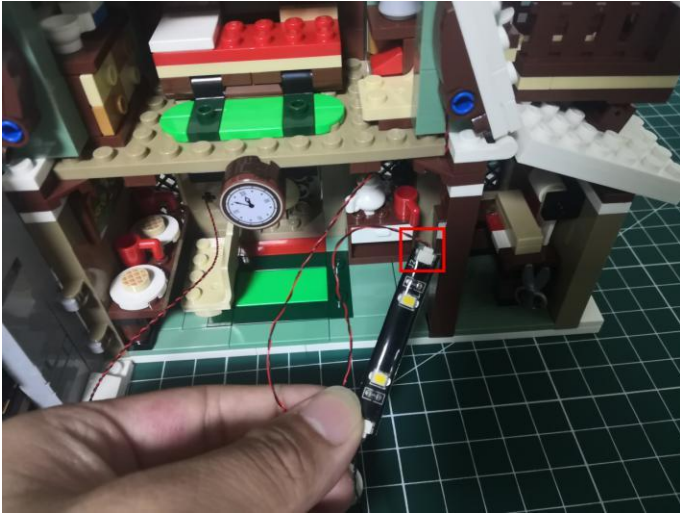
80.Create a gap at the following place with the tool, and tuck the cable inside.



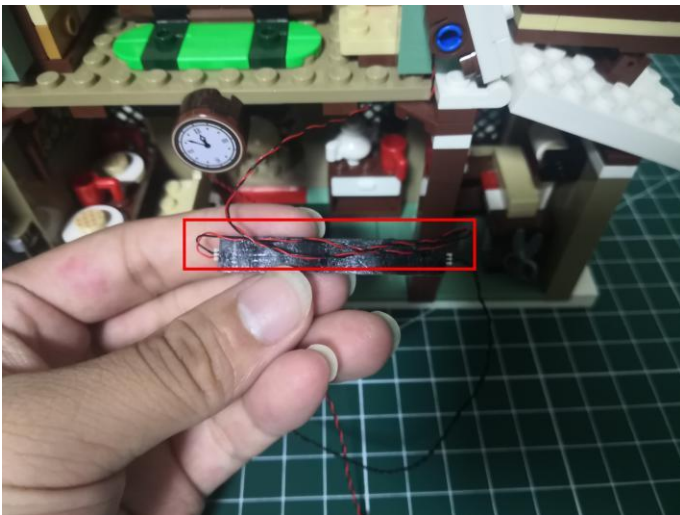
81.Take a 15cm connecting cable, a warm white strip light, assemble them as per below.



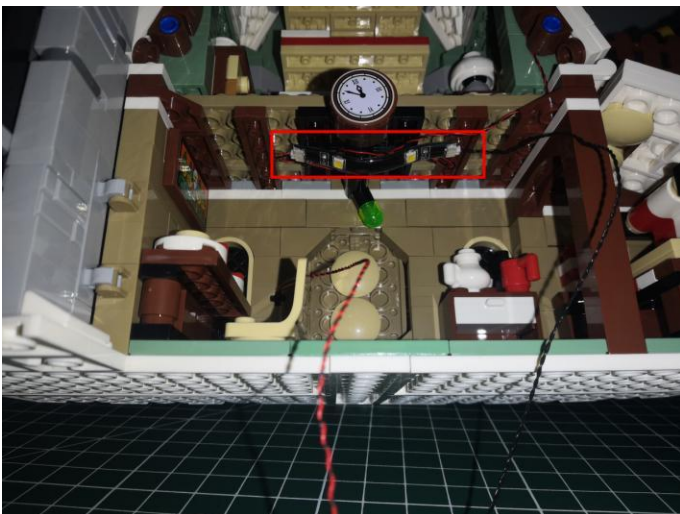
82.Connect the cable of the light to the strip light.



83.Tuck excess cable behind the strip light as per below.



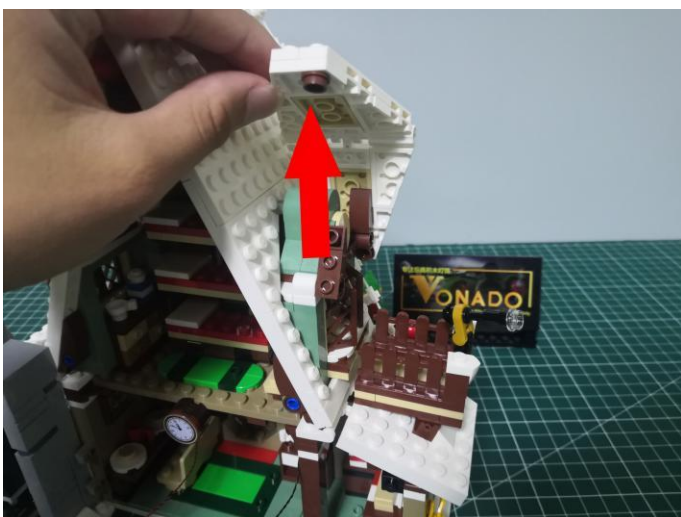
84.Stick the strip light inside the first floor as per below.



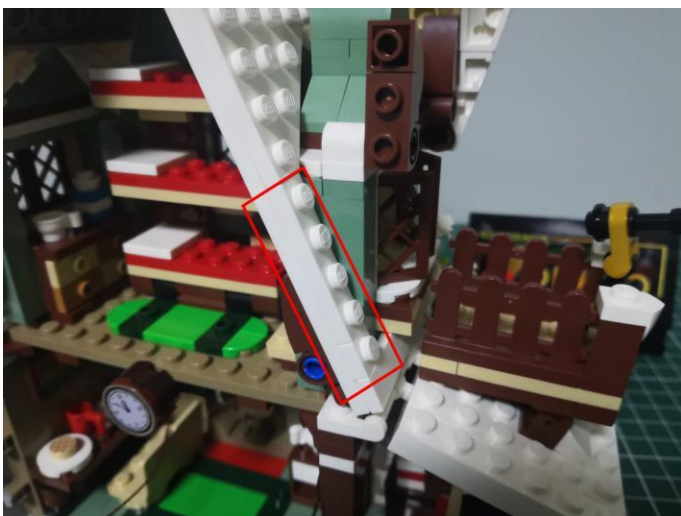
85. Turn to the right.



86. Open the roof of the window.



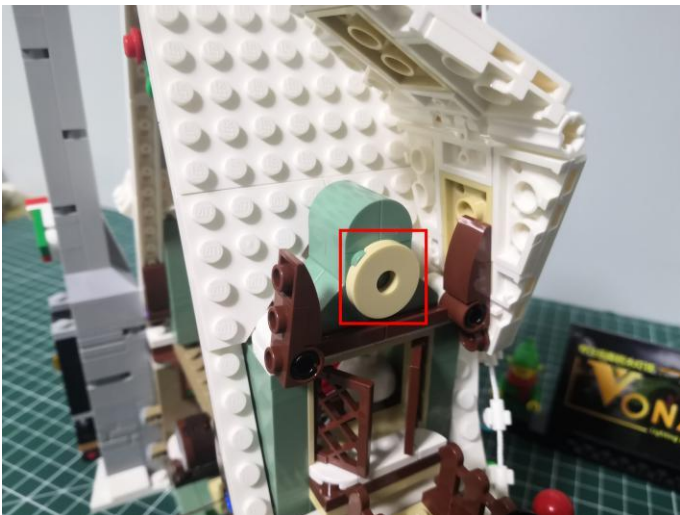
87. Disconnect the following 2 white pieces with the tool.



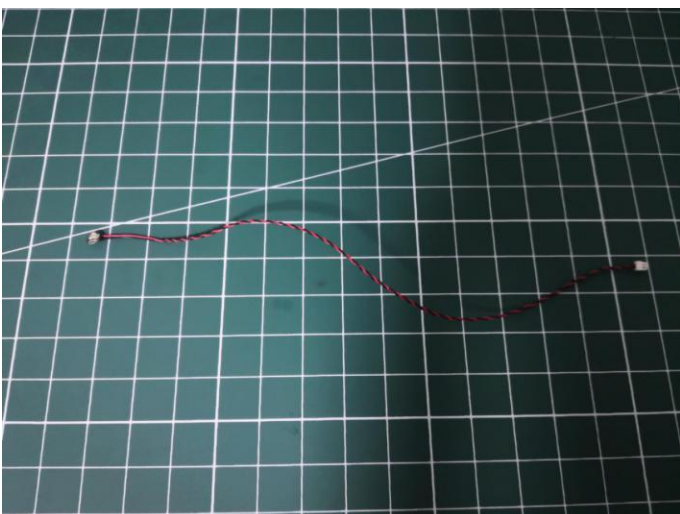
88.Lift the following piece with the tool.



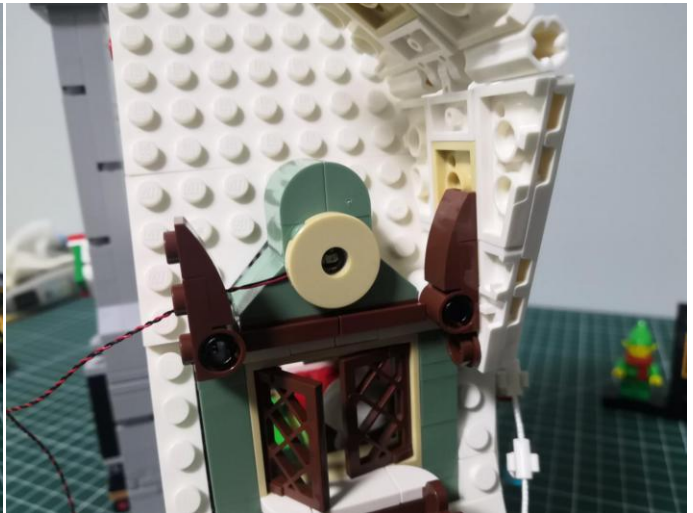
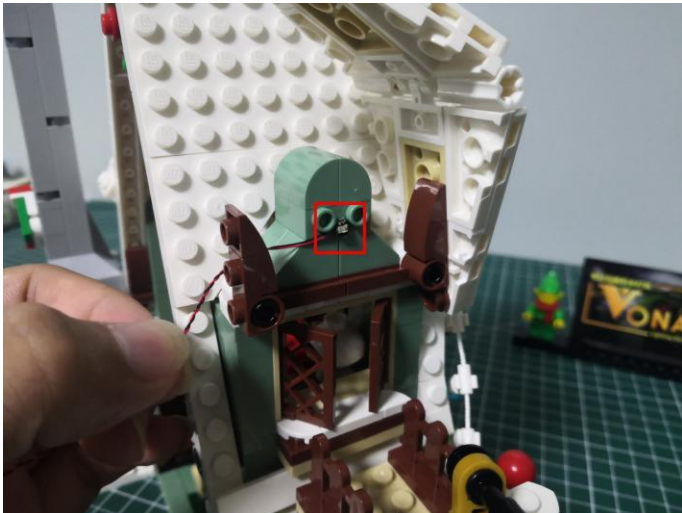
89.Turn to the following place, disconnect the yellow piece.



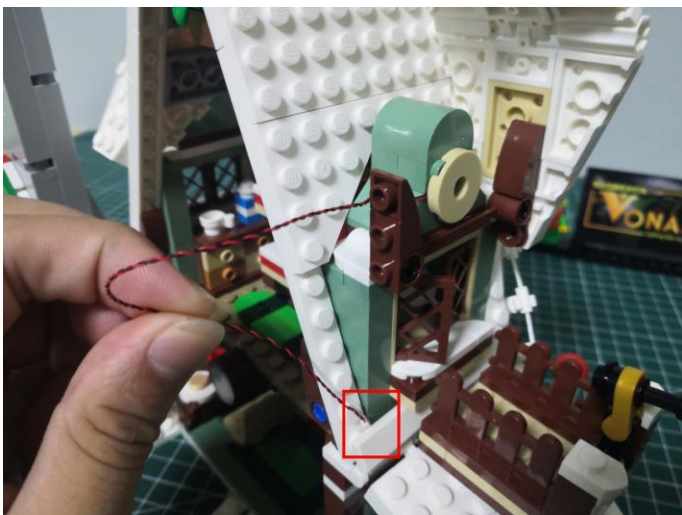
90.Take a 15cm Multi Colour Slow Flashing Light.



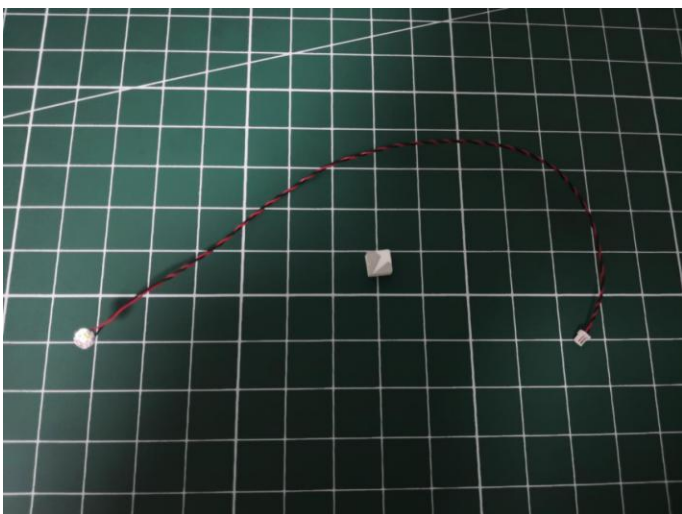
91.With lighting part facing up, reconnect the yellow piece.



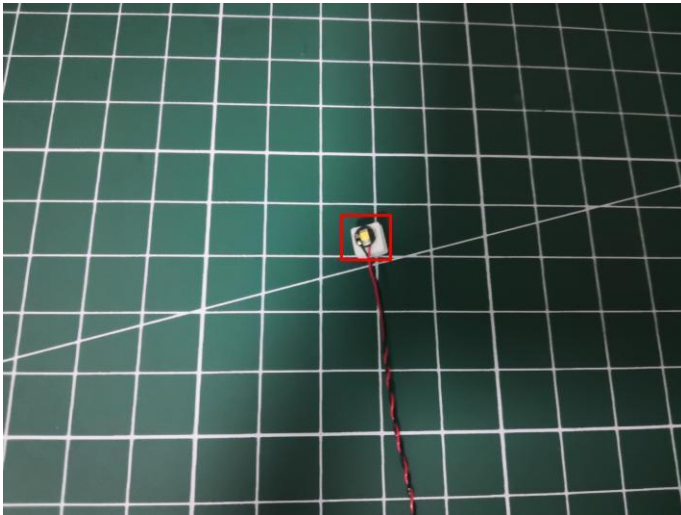
92.Thread the cable through the following space, and pull it out.



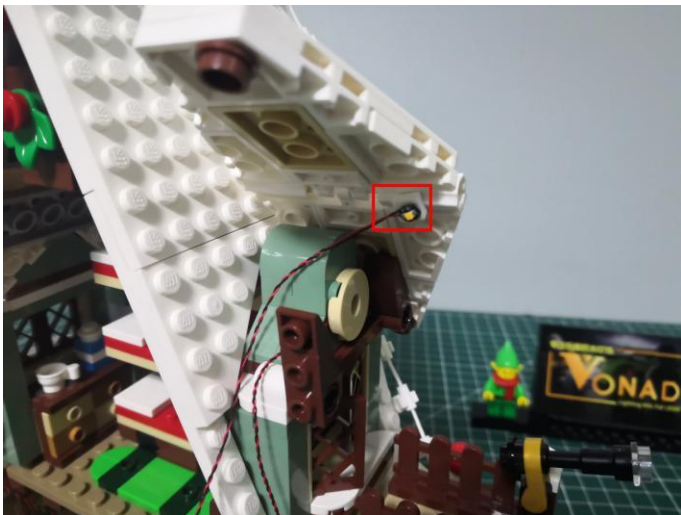
93.Take a 15cm warm white dot light, an adhesive square.



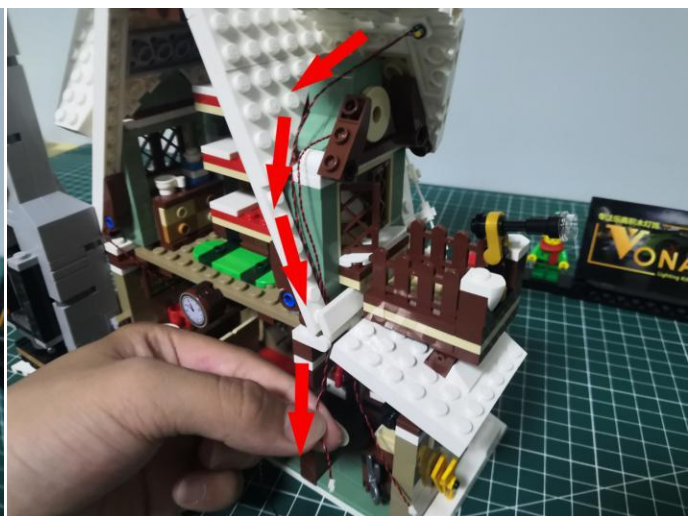
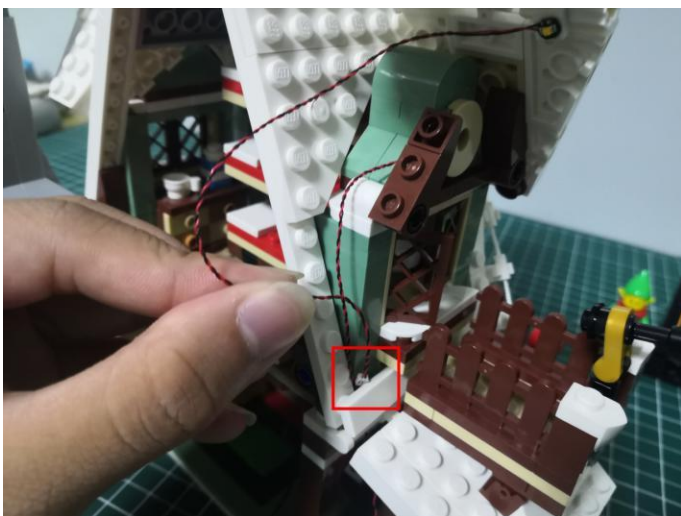
94.Stick the adhesive square to the back of the light.



95.Stick the light to the following place.



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



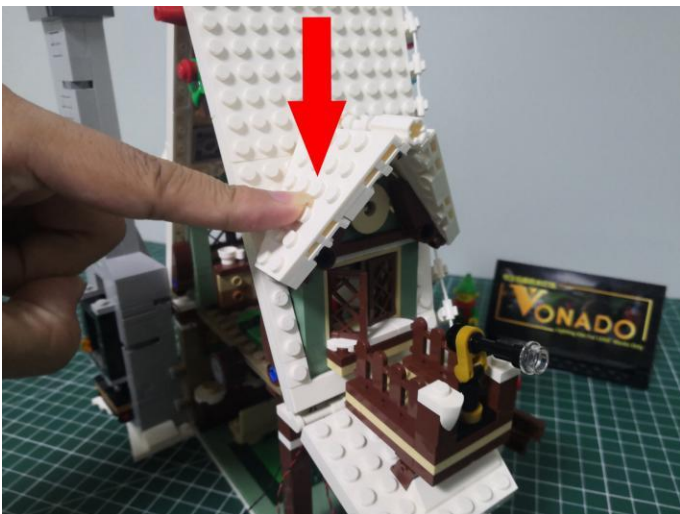
97. Place the cable inside the space with the tweezers.



98. Reconnect the following 2 white pieces.



99. Reconnect the roof of the window.



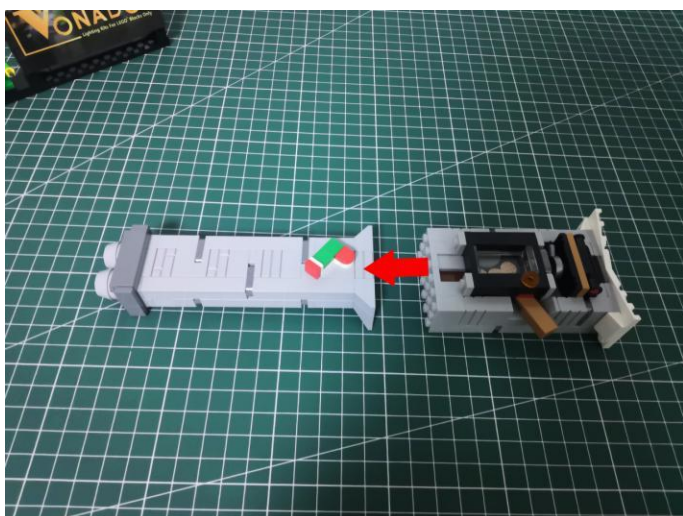
100. Turn to the following place.



101. Disconnect the whole chimney piece.



102. Divide the chimney into 2 parts.



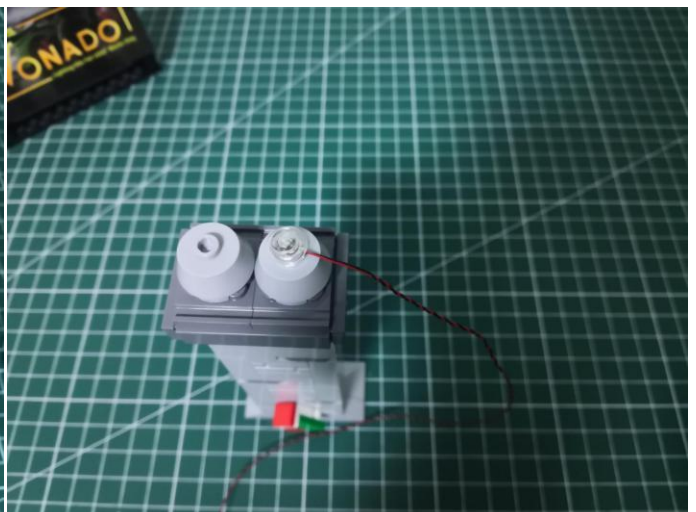
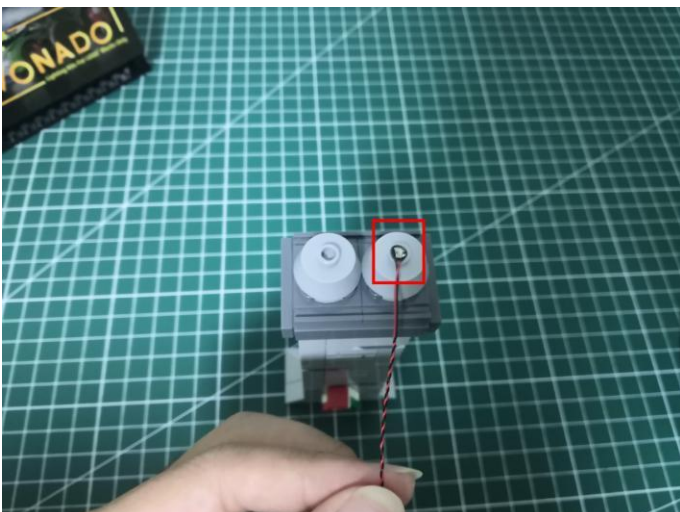
103.Put the top part up.



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



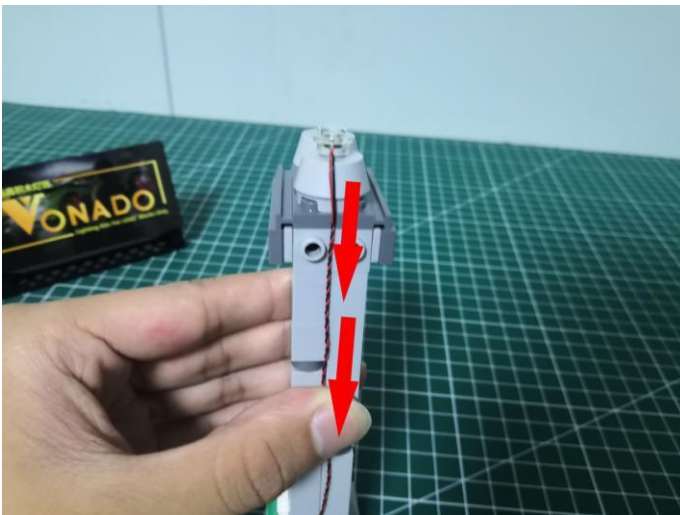
105.With lighting part facing up, place the light as per below, connect the trans white round plate over.



106. Turn to right, disconnect the following gray piece.



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



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



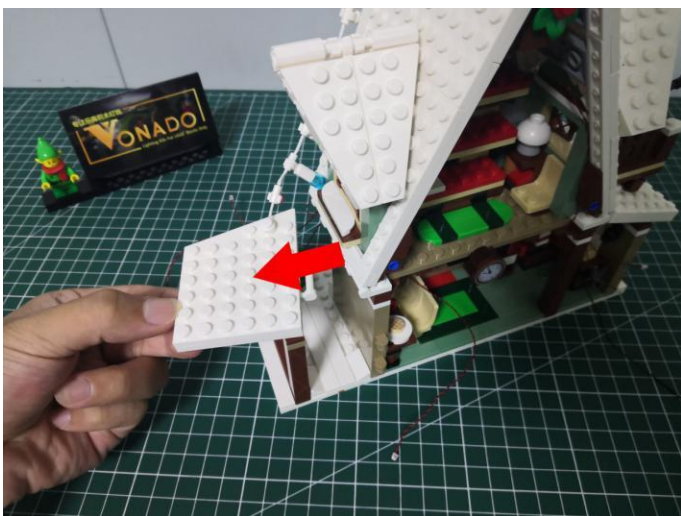
109. Reconnect the chimney.



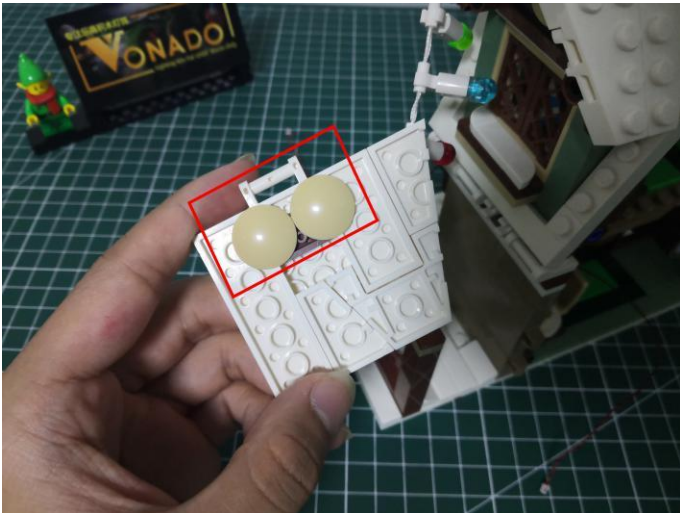
110. Turn to the following place at the left.



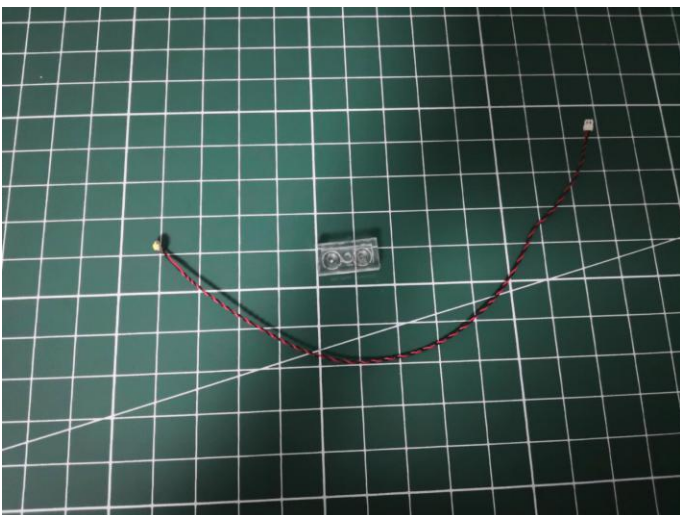
111. Remove the roof.



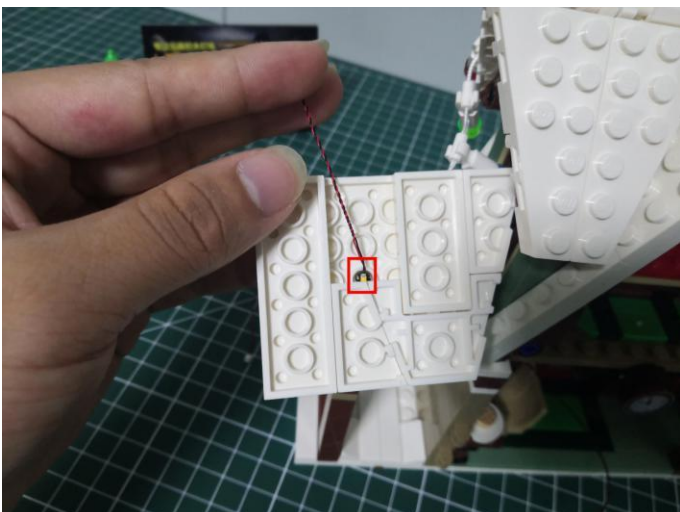
112. Turn to the back, Remove the following piece.



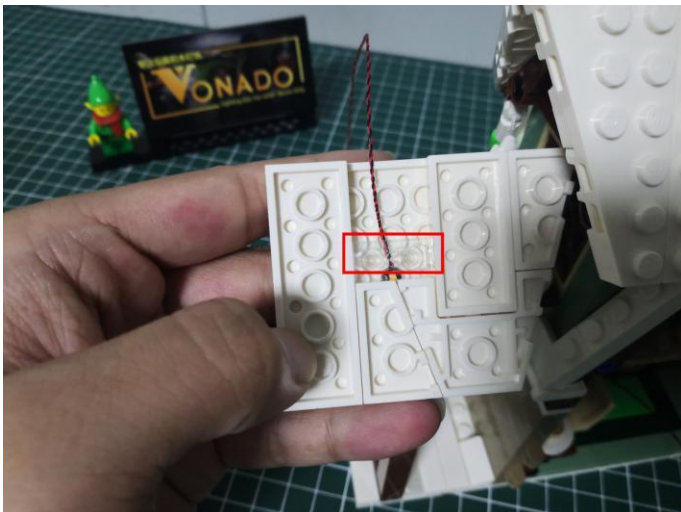
113. Take a 15cm warm white dot light, a trans white 1x2 plate.



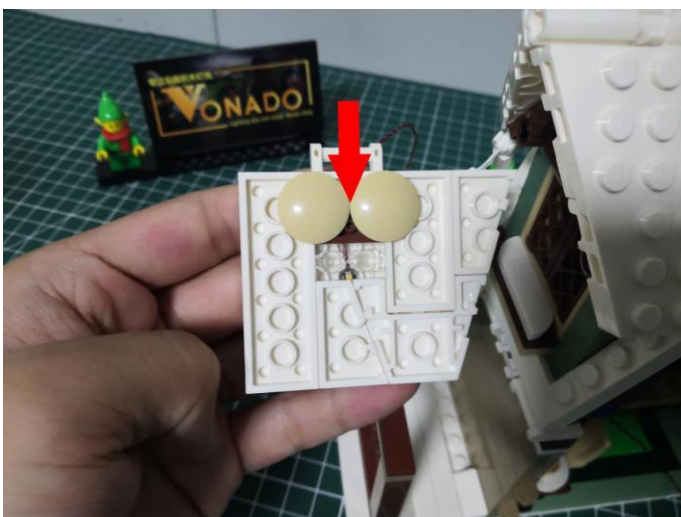
114. With lighting part facing up, stuck the light at the following place.



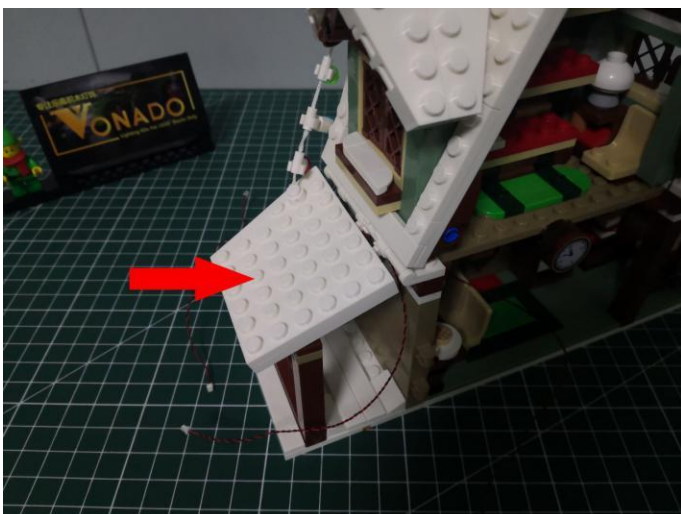
115. Connect the trans white plate over to secure the cable.



116. Reconnect the following piece.



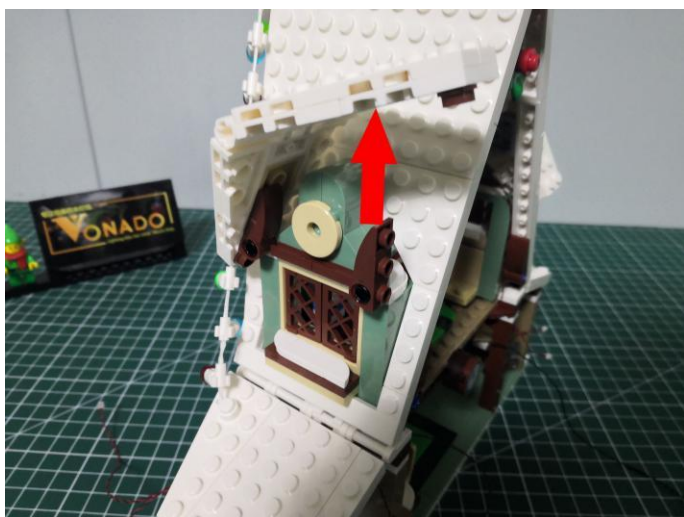
117. Reconnect the roof.



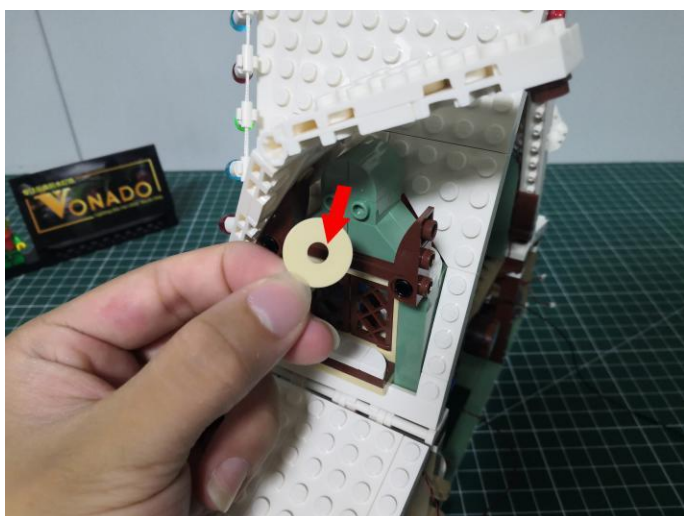
118. Turn to the following place.



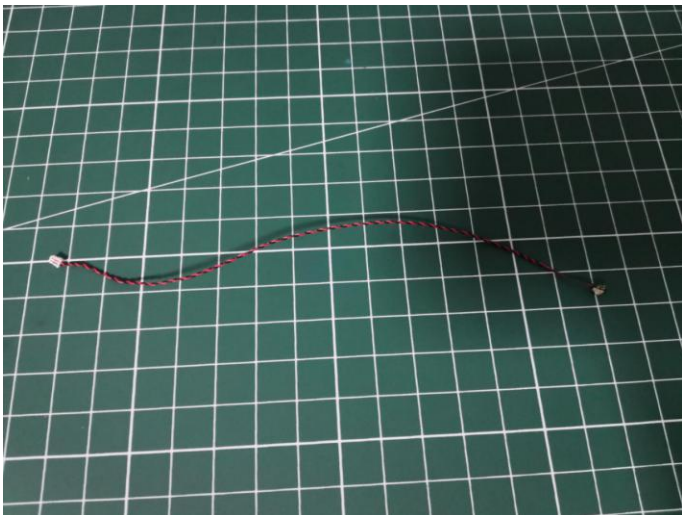
119. Open eth roof of the window.



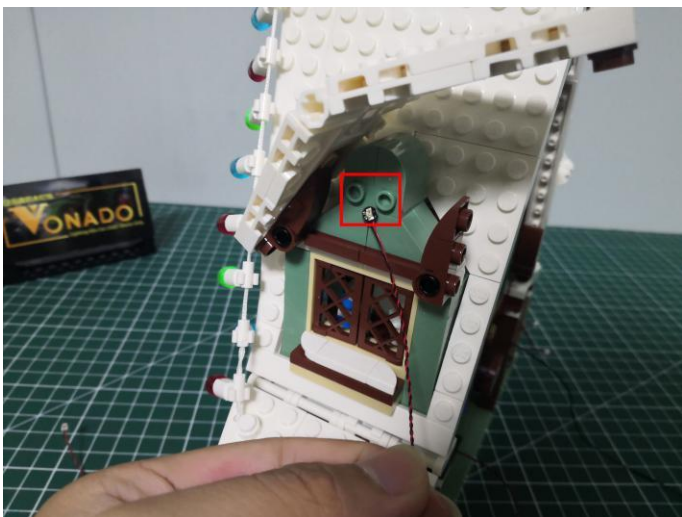
120. Disconnect the following yellow piece.



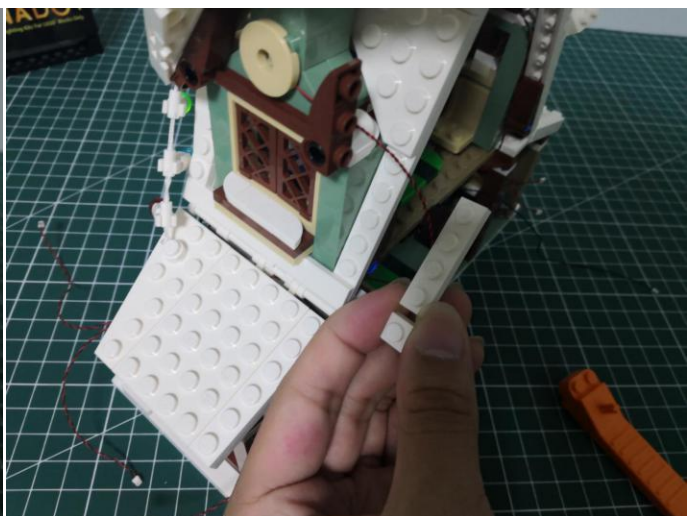
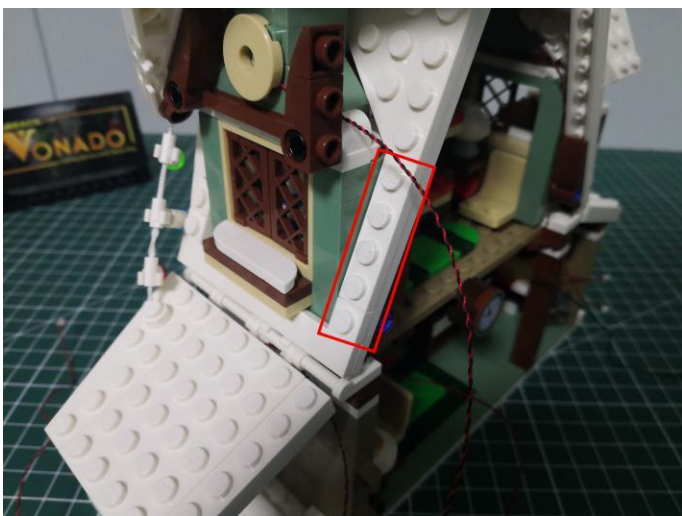
121. Take a 15cm Multi Colour Slow Flashing Light.



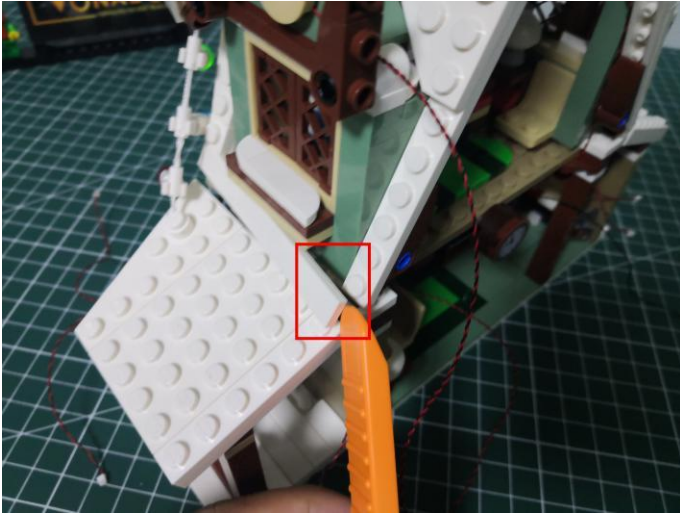
122. With lighting part facing up, reconnect the yellow piece.



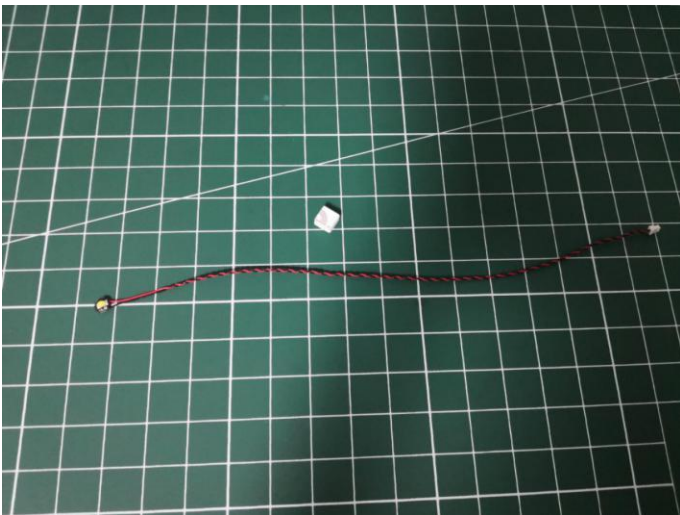
123. Disconnect the following 2 white pieces.



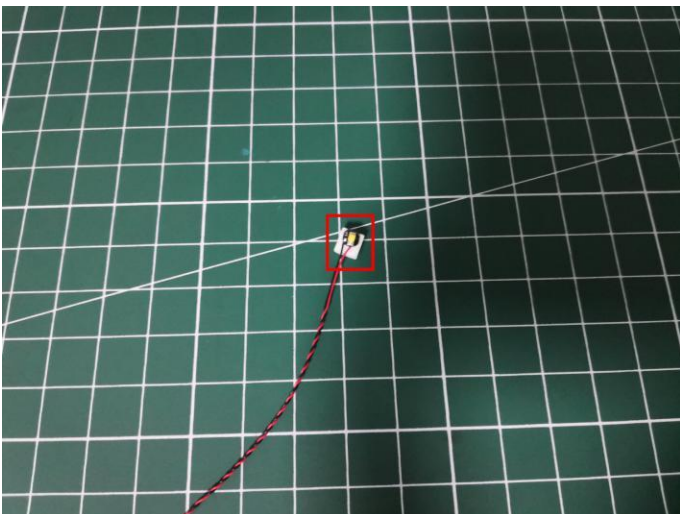
124.Create a gap at the following place with the tool.



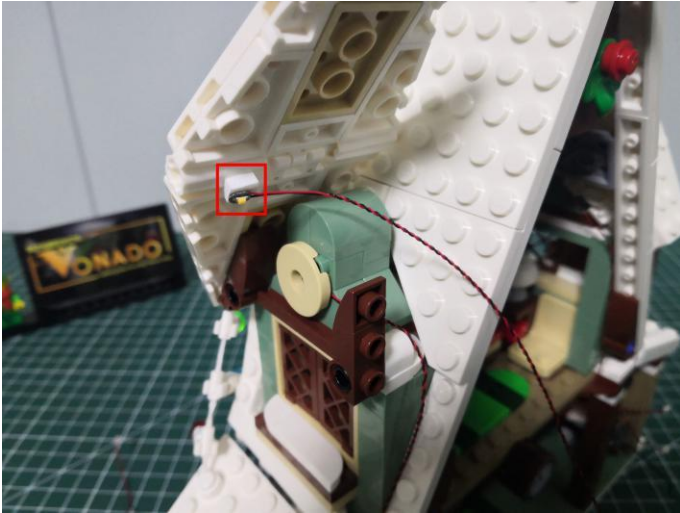
125.Take a 15cm warm white dot light, an adhesive square.



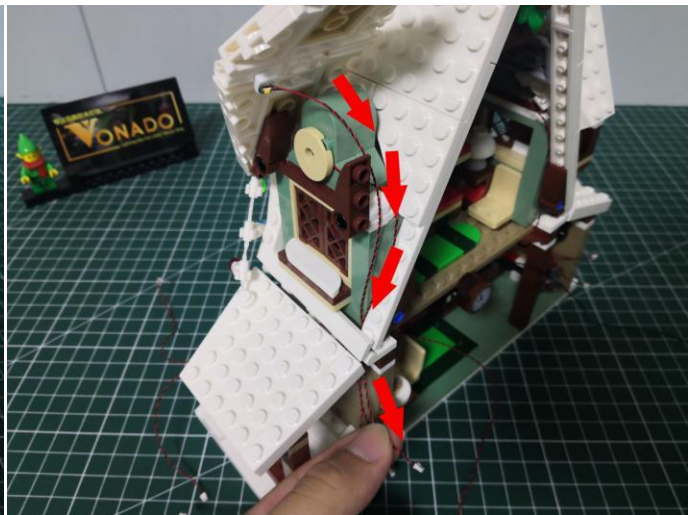
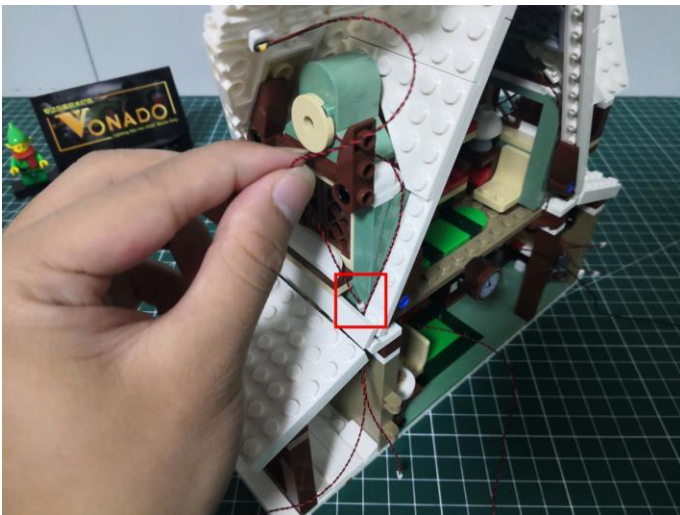
126.Stick the adhesive square to the back of the light.



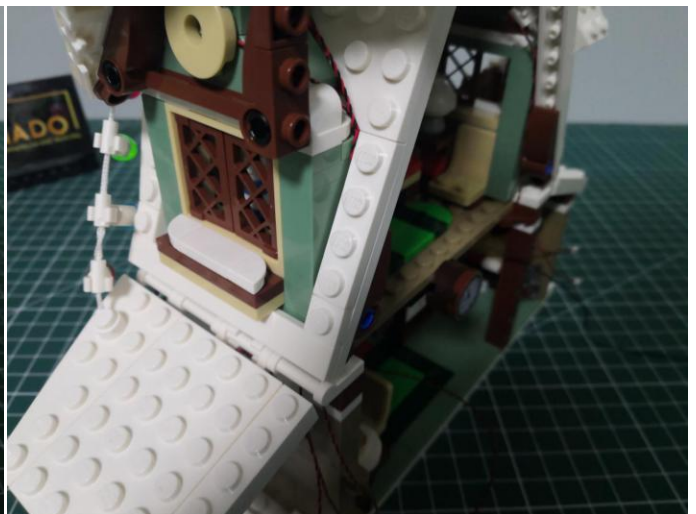
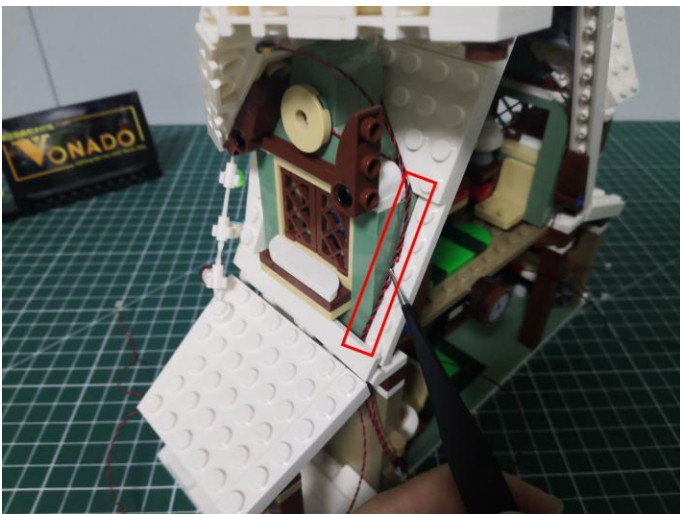
127.Stick the light to the following place.



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



129.Place the cable inside with the tool.



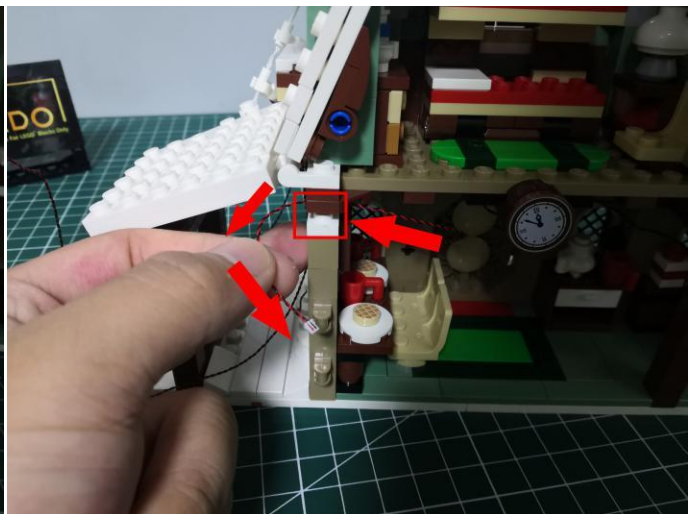
130. Reconnect the roof.



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



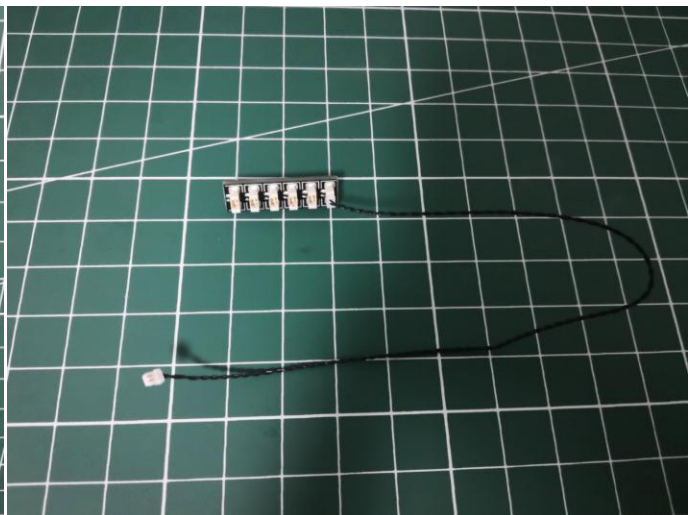
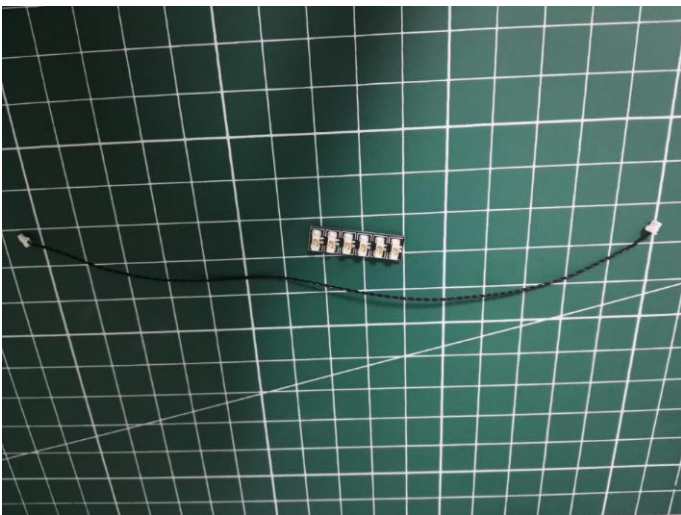
132. Thread the cable through the following space, and pull it out.



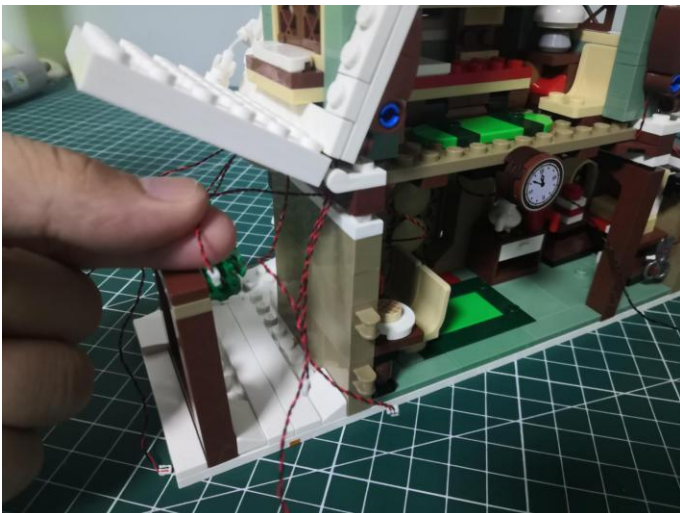
133. Open the roof.



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



135. Connect the cable from the wall lamp to the expansion board.



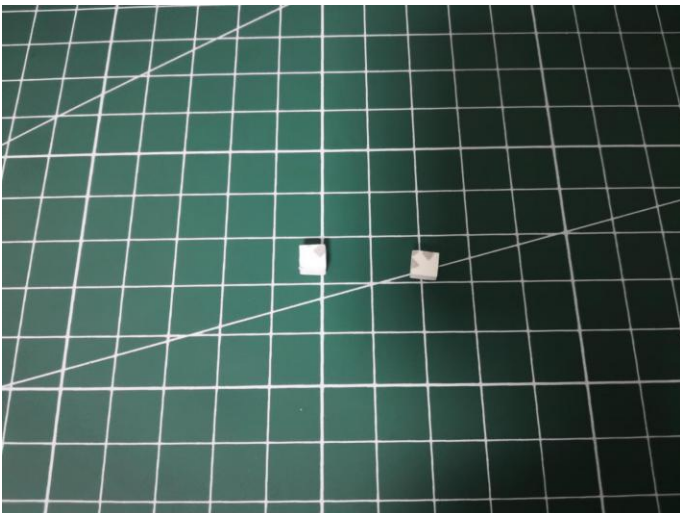
136.Take the following 3 cables from the left.



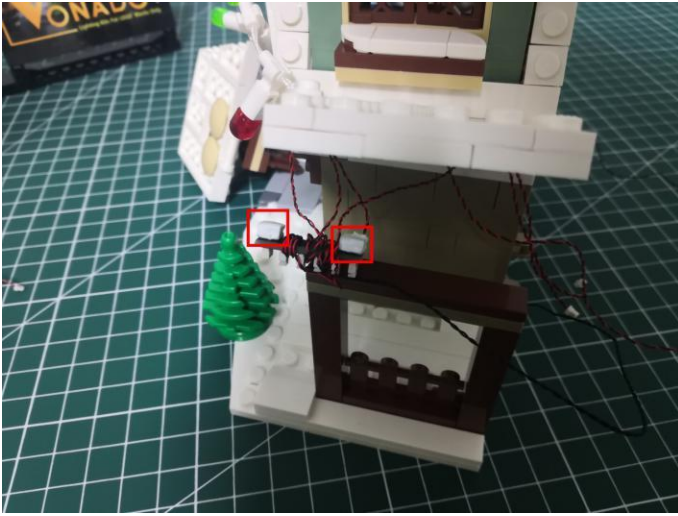
137.Connect all the cables to the expansion board, tuck excess cables around the expansion board.



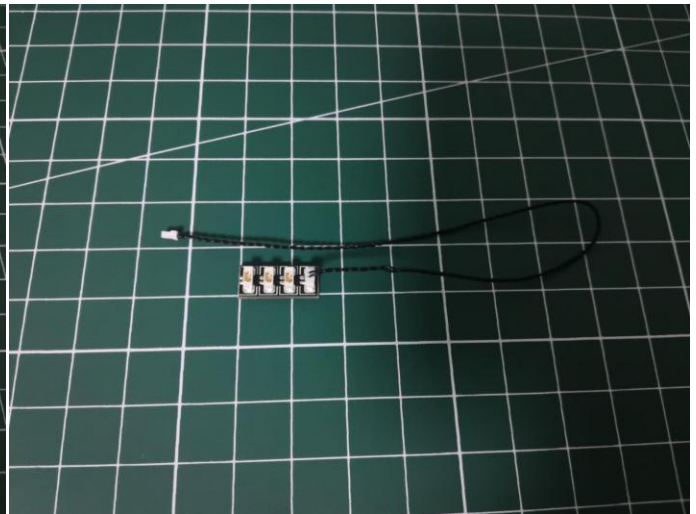
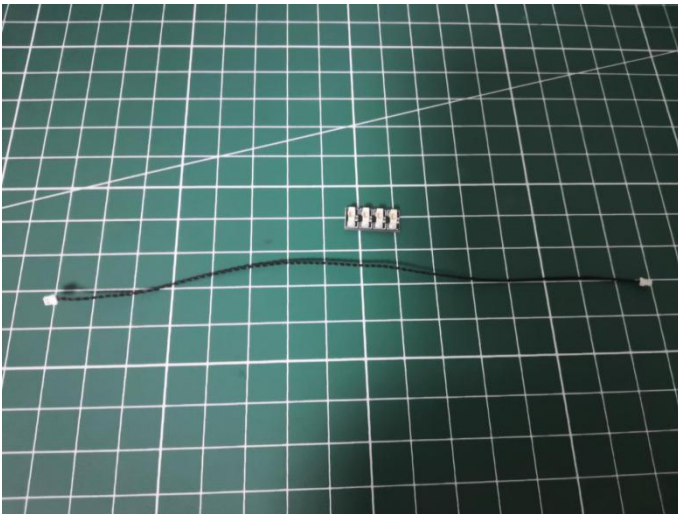
138.Take 2 adhesive squares.



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



140.Take a 15cm connecting cable, a 4-port expansion board, assemble the as per below.



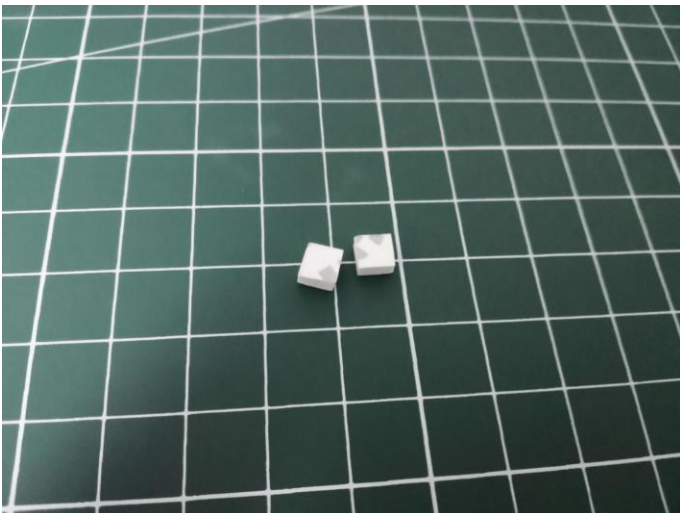
141. Take the following 3 cables from the right



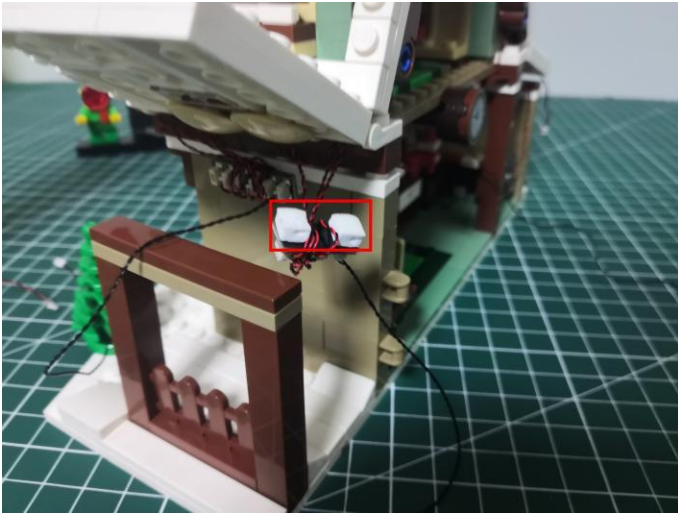
142. Connect all the cables to the expansion board, tuck excess cables around the expansion board.



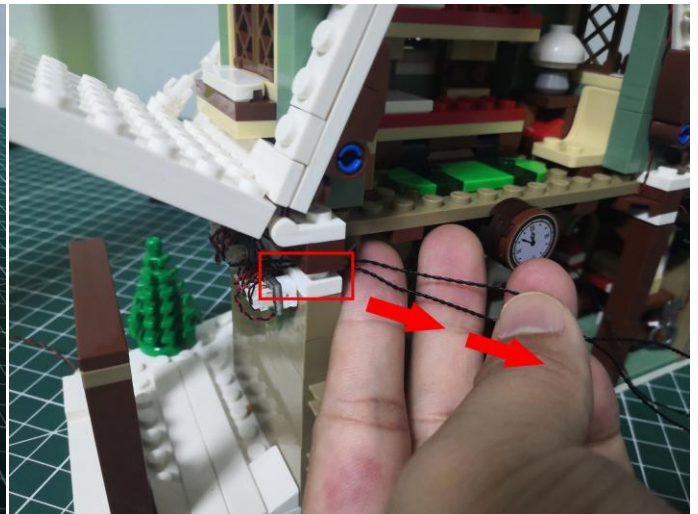
143. Take 2 adhesive squares.



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



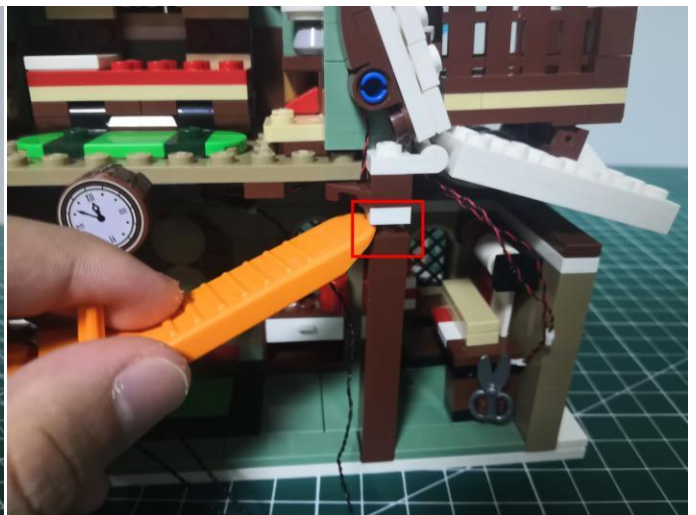
145.Take 2 cables from the expansion board, thread the cables through the following place, pull them out.



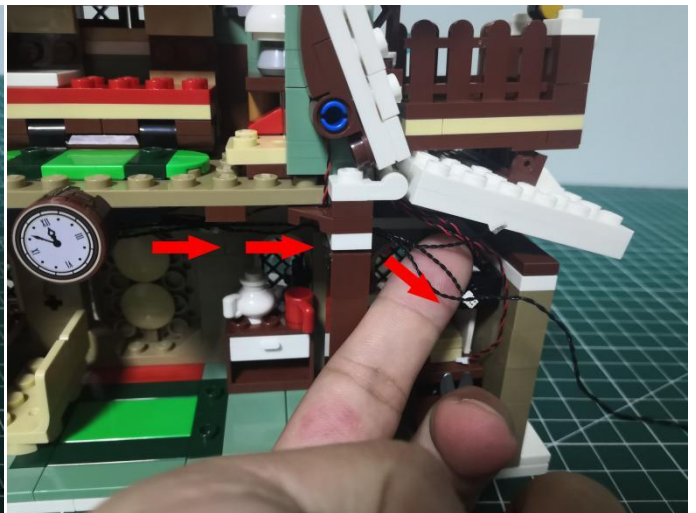
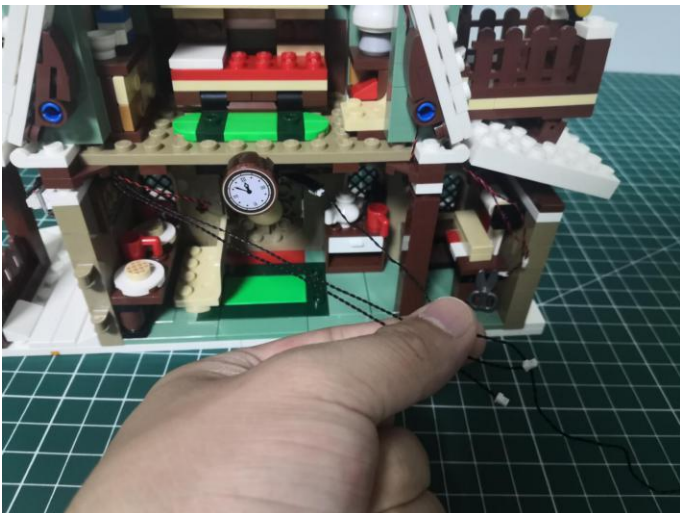
146. Close the gap.



147. Turn to the right, create a gap at the following place with the tool.



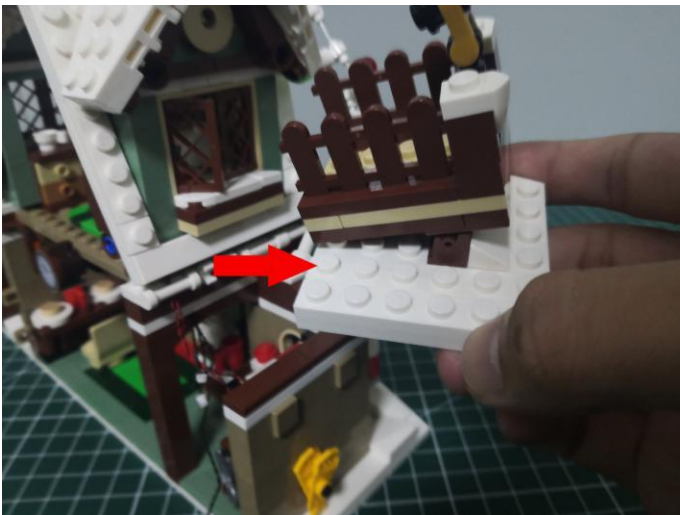
148. Take the following 3 cables, thread the cables through the following space, pull them out, close the gap.



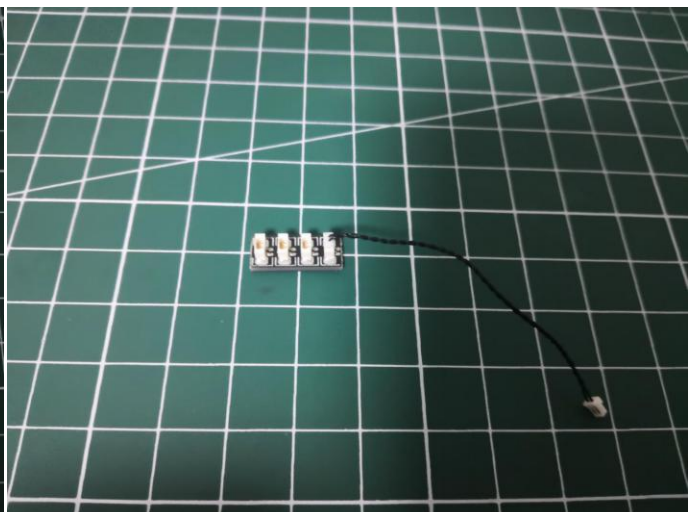
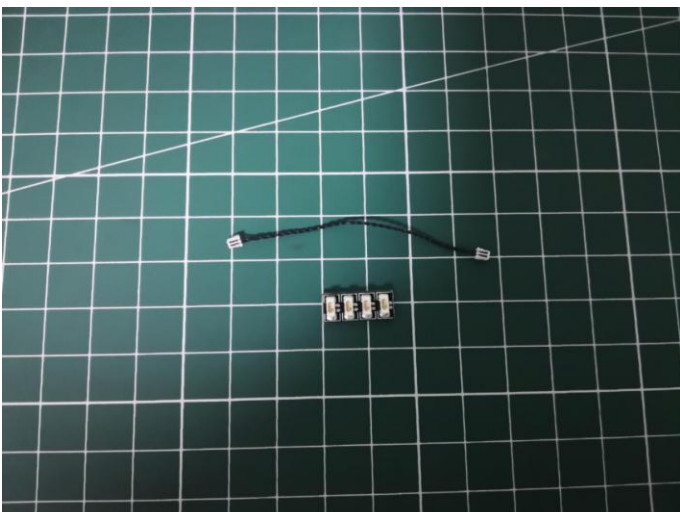
149. Turn to the following place.



150. Disconnect the roof piece.



151. Take a 15cm connecting cable, a 4-port expansion board, assemble the as per below.



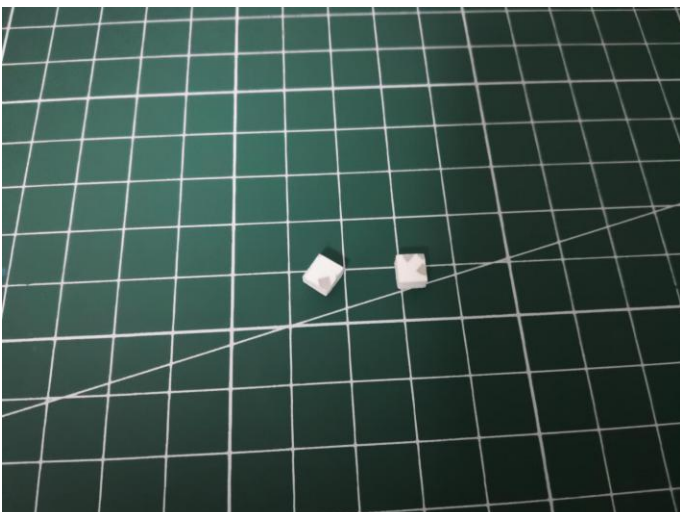
152.Take the 2 cables.



153.Connect them to the expansion board, tuck excess cables around the expansion board.



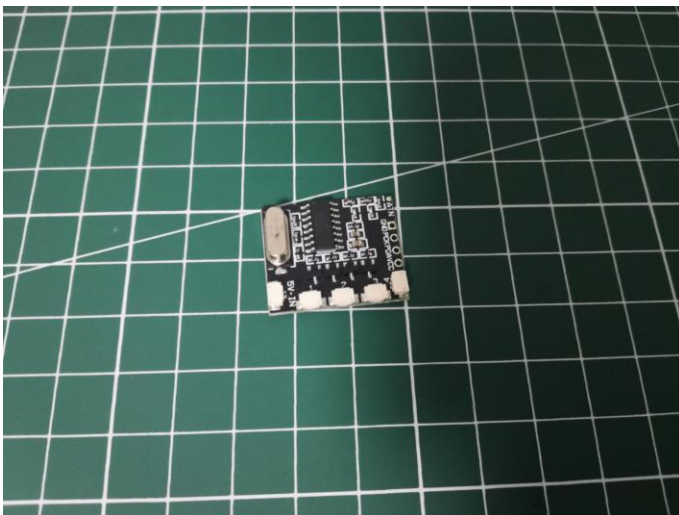
154.Take 2 adhesive squares.



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



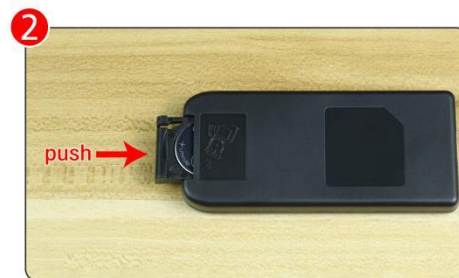
156.Take the Remote Control Switch Board.



Remote control function description

- ON: All branches are opened
- OFF: all branches are closed
- A: open/close A road
- B: open/close B road
- C: open/close C road
- D: open/close D road
- FS: Turn on blinking for the last open channel
- BLN: Start breathing for the last opened path
- ↑: Increase blinking/breathing rate
- ↓: Increase blinking/breathing rate
- Brightness+: \Increase brightness
- Brightness -: Reduce brightness

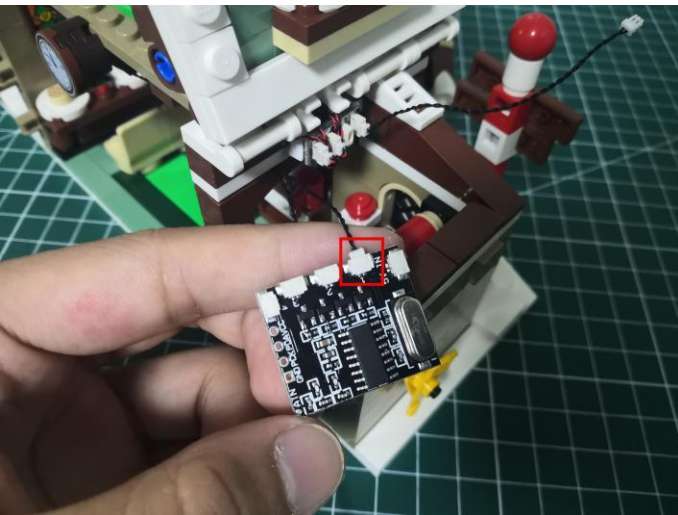
The remote control does not contain batteries, please buy a CR2025 or CR2032 button battery in the nearest store and install it in the remote control.



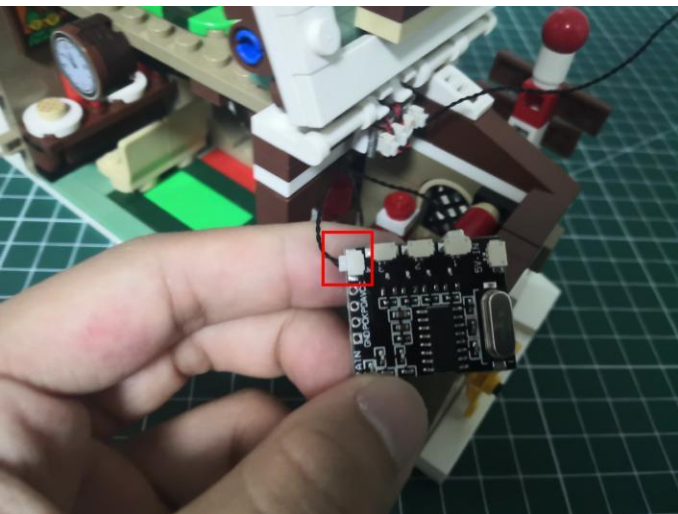
157. Take the 2 cables (a longer one and a shorter one).



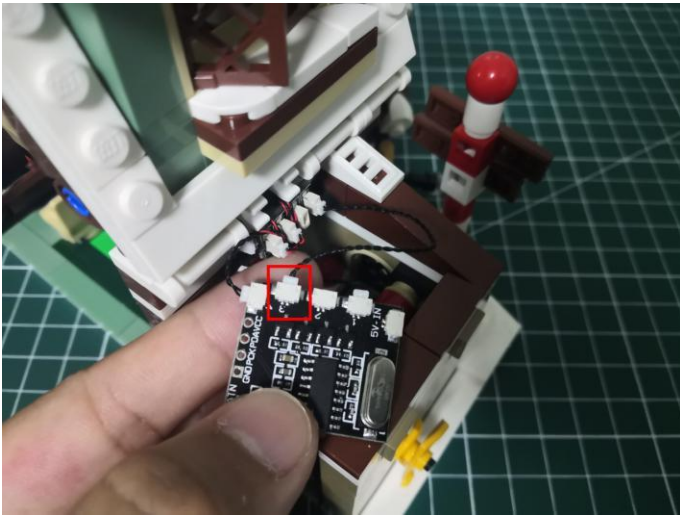
158. Connect the longer one to the 1 port.



159. Connect the shorter one to the 4 port.



160.Connect the following cable from the expansion board to the 3 port.



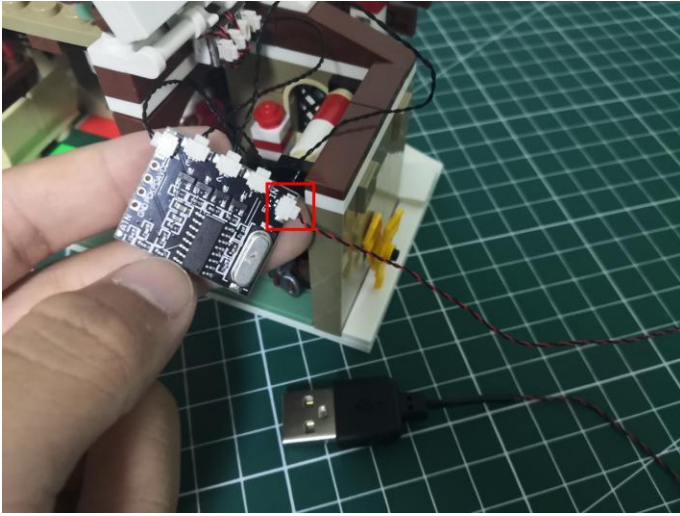
161.Connect the cable from the light indoor to the 2 port.



162.Take a USB cable.



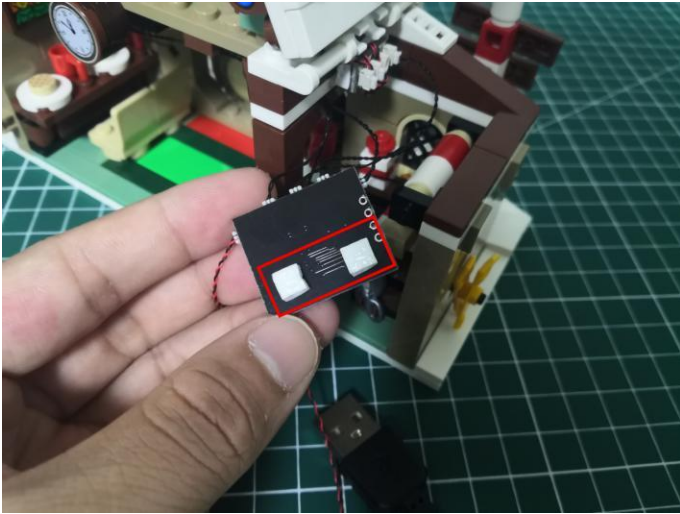
163.Connect the USB cable to the input port of the Acousto-optic Control Switch Board.



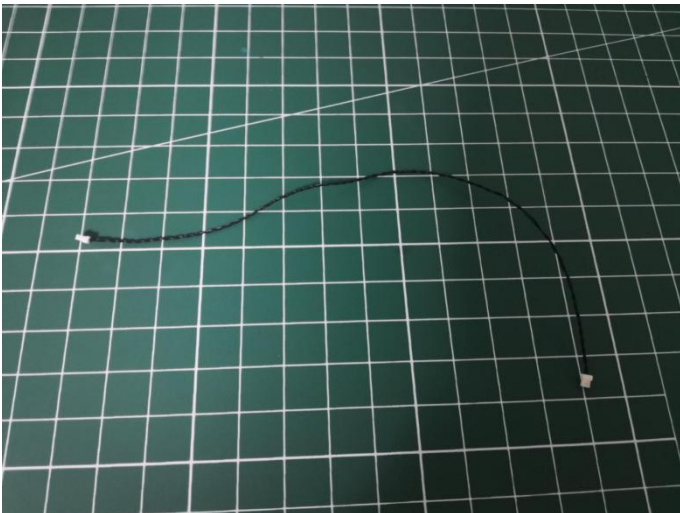
164.Take 2 adhesive squares.



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



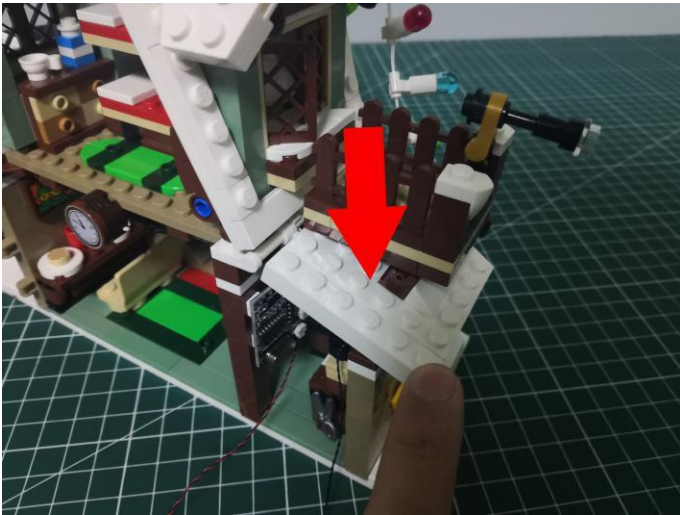
166.Take a 15cm connecting cable.



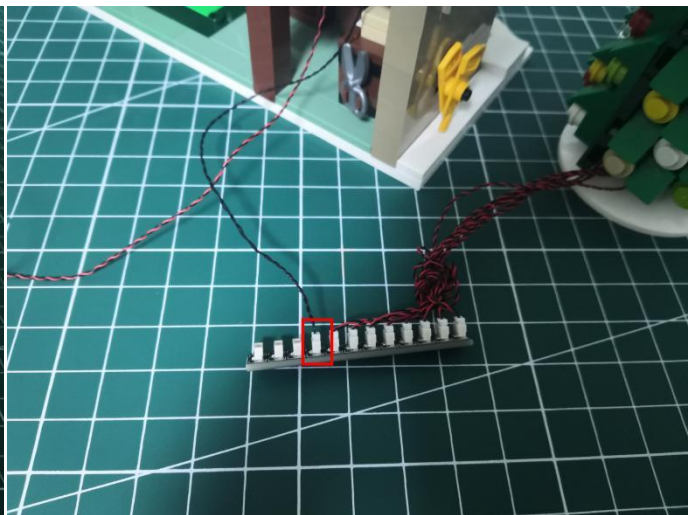
167.Connect it to the expansion board.



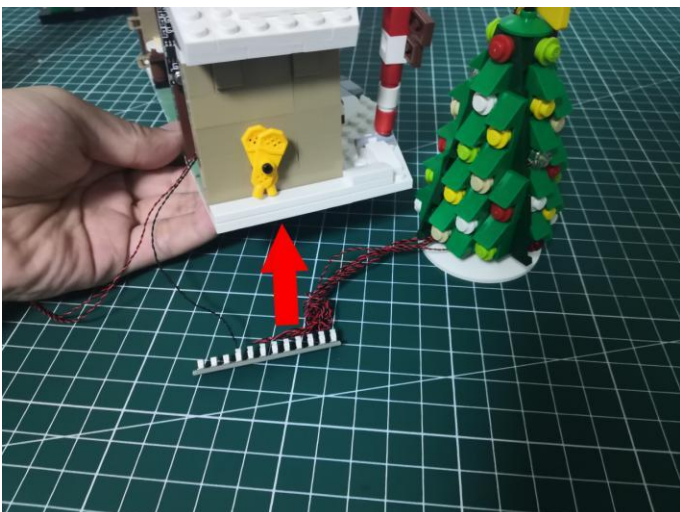
168.Reconnect the roof.



169.Connect the connecting cable to the expansion board as per below.



170.Lift the right side of the magic house, press the cable underneath as per below.



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

