

40338 Christmas Tree P203

- **P203 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 “40338 P203”.**
- **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 12 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	2
Bit Lights-15CM-White	Bit Lights-15CM-White	3
Bit Lights-15CM-Red	Bit Lights-15CM-Red	3
Bit Lights-15CM-Green	Bit Lights-15CM-Green	3
Bit Lights-15CM-Yellow	Bit Lights-15CM-Yellow	3
Multi-Colour Lights 15CM	Multi-Colour Lights 15CM	12
Headlights-15CM-Warm White	Headlights-15CM-Warm White	1
Expansion Board	6 Socket Expansion Board	1
	8 Socket Expansion Board	2
	12 Socket Expansion Board	1
USB Power Cable-30CM	USB Power Cable-30CM	1
Connecting Cables-5CM	Connecting Cables-5CM	2
Connecting Cables-10CM	Connecting Cables-10CM	1
Parts package		

Please contact us immediately if there have any missing components.

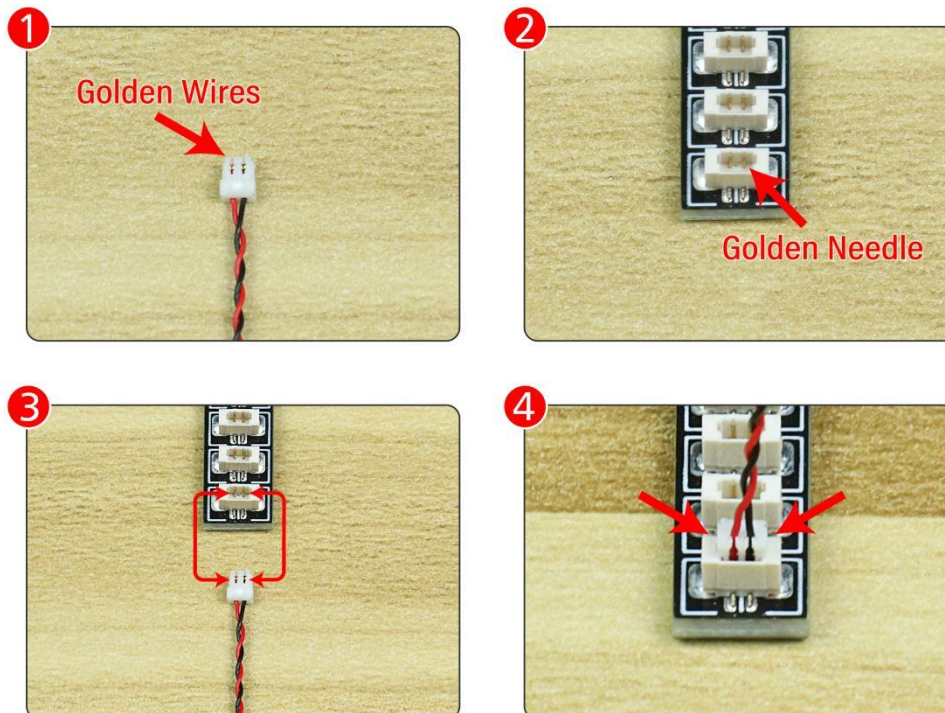
Section B: Test that each components is working properly.

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



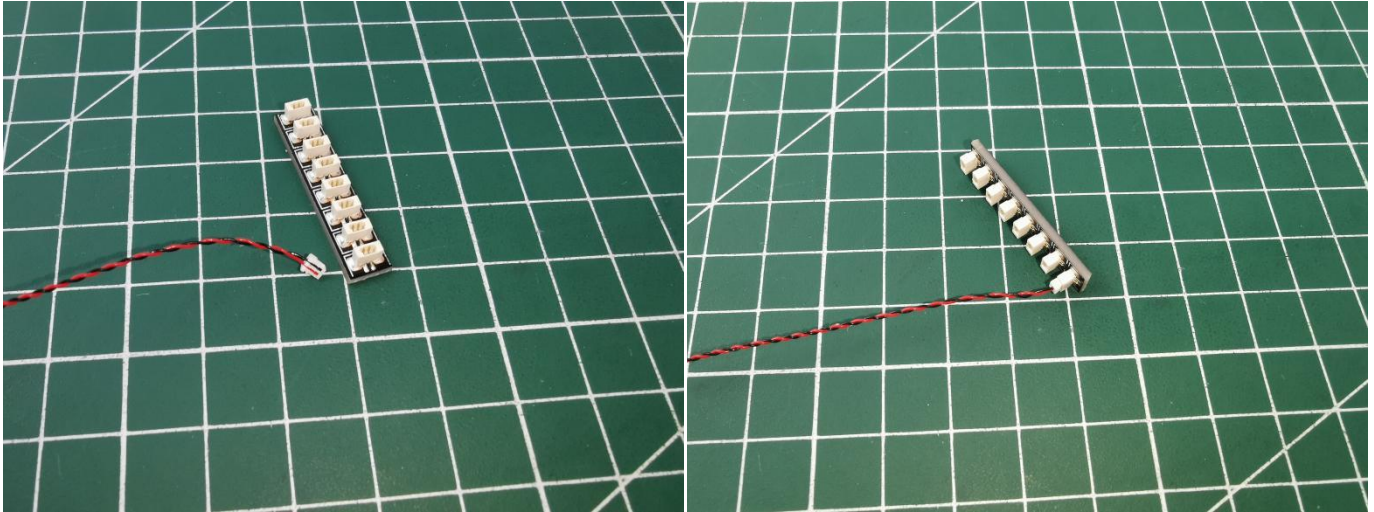
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

Note that on one side of the white plug you can see two very small golden wires that should be connected to the two golden needles in socket of the expansion board.shown as blow.



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

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



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

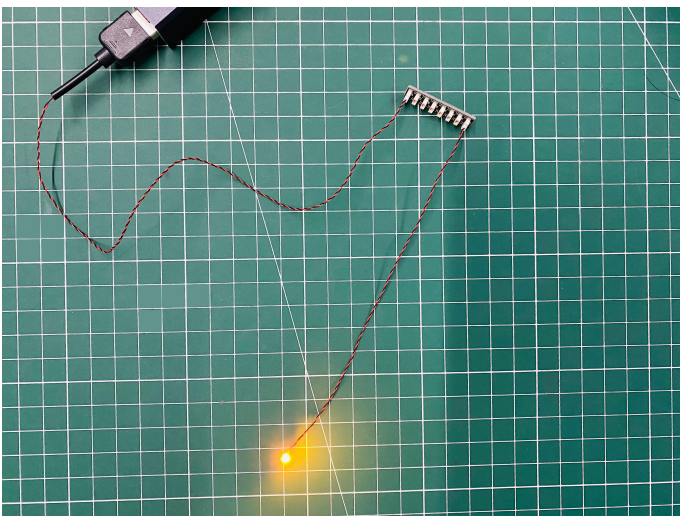
USB connectors to connect devices



This instruction will use the power bank as power supply . The test structure is shown as follow. All lamp in this set will be tested by this structure.



when we test "Bit Lights-15CM-Warm White" particles,Take out the bag labelled "Bit Lights-15CM-Warm White".Take out one of the light and connect it to the socket. Turn on the power bank, the light will turn on normally as shown below.



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



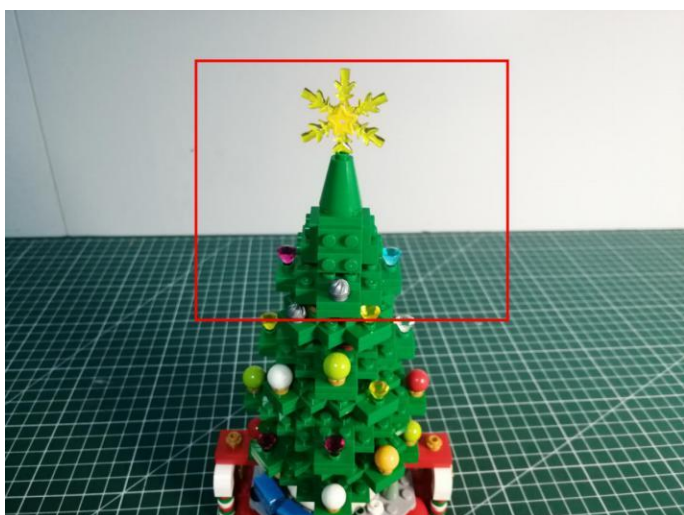
**The components needs to be tested in this set is 2*Bit Lights-15CM-Warm White,3*Bit Lights-15CM-White,3*Bit Lights-15CM-Red,3*Bit Lights-15CM-Green,3*Bit Lights-15CM-Yellow,12*Multi-Colour Lights 15CM,1*Headlights-15CM-Warm White.
Please contact us immediately if any components don't work.**

Section C: laying out components following the instruction.

1. Take the Christmas tree, divide the leaves into 8 parts.



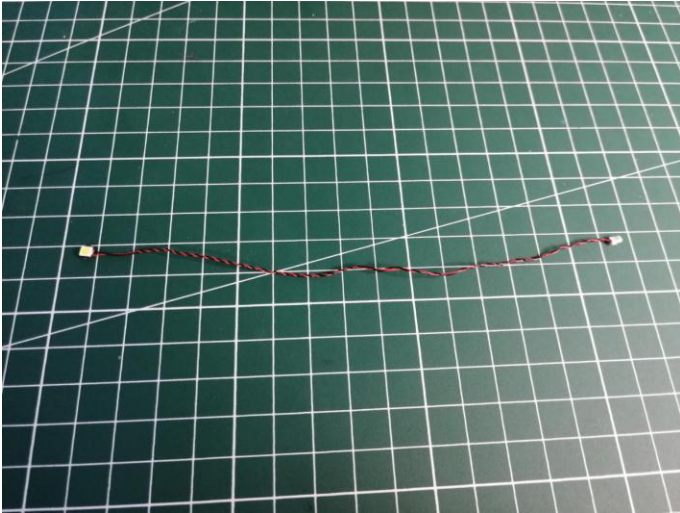
2



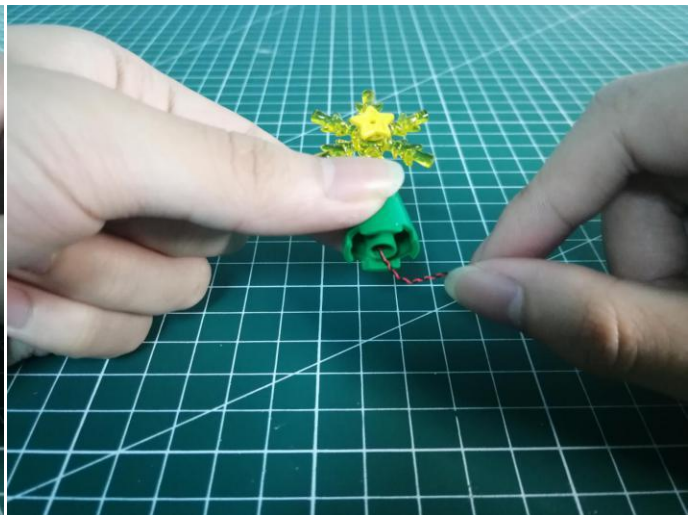
3. Remove the top as per below.



4. Take a 15cm head light.



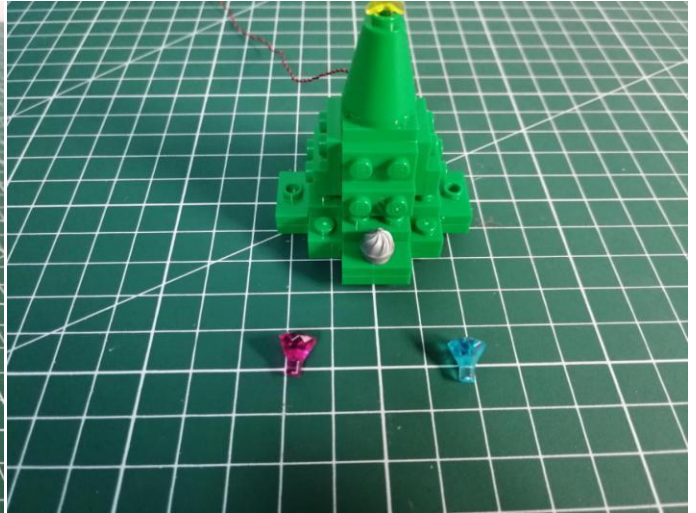
5. Place the light inside the piece as per below.



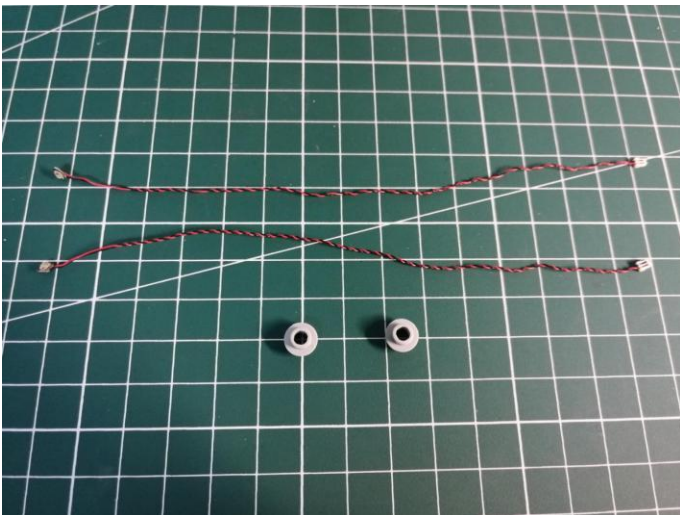
6. Reconnect the top.



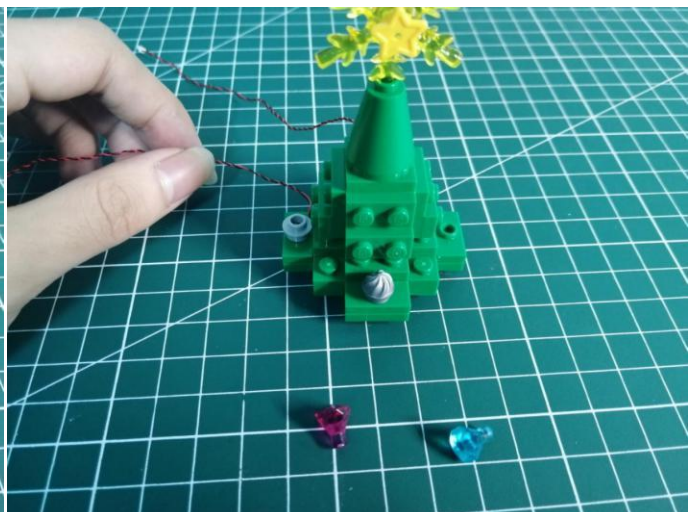
7. Disconnect the 2 crystals from the leaf.



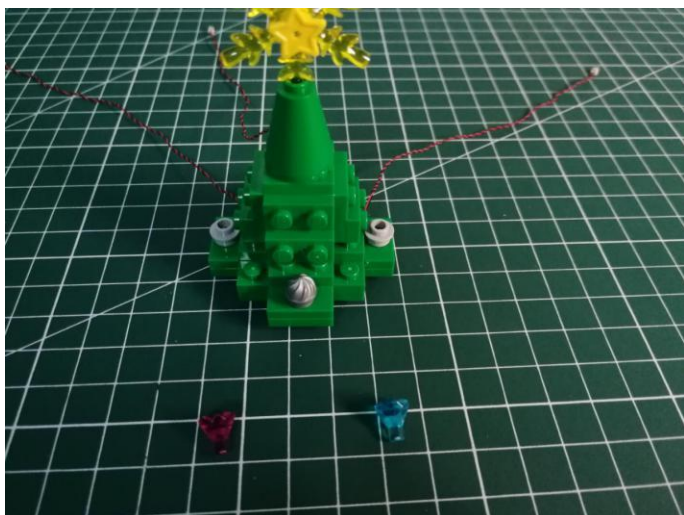
8. Take 2 Multi Colour 15cm Flashing Lights, 2 gray 1x1 round plates.



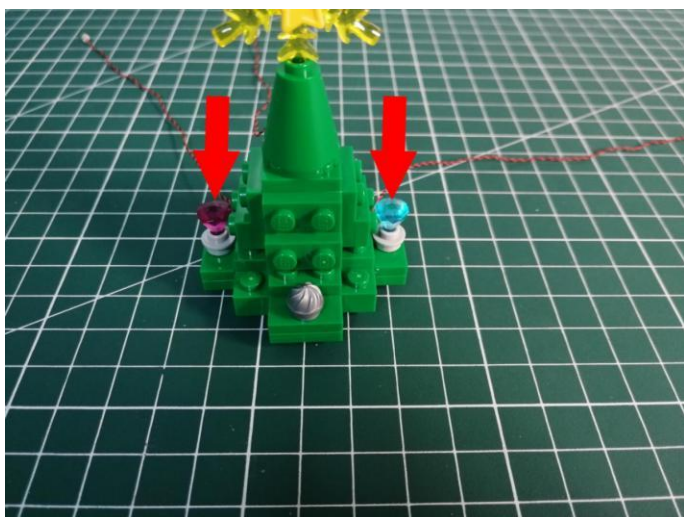
9. With lighting part facing up, connect the gray round plate with hole over.



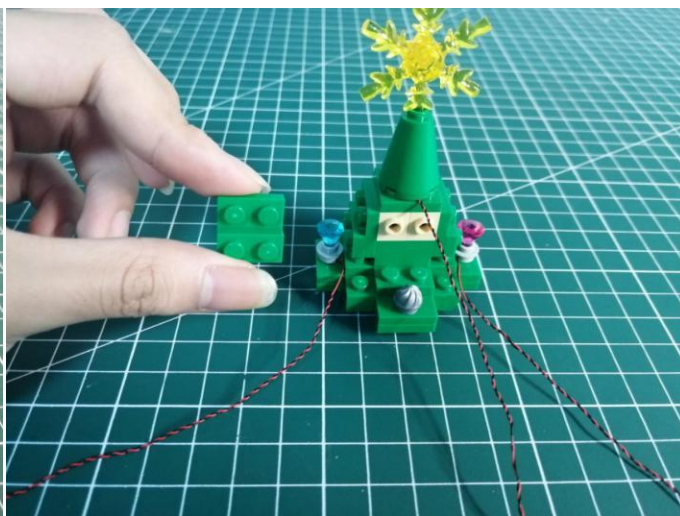
10.Install the other light in the same way.



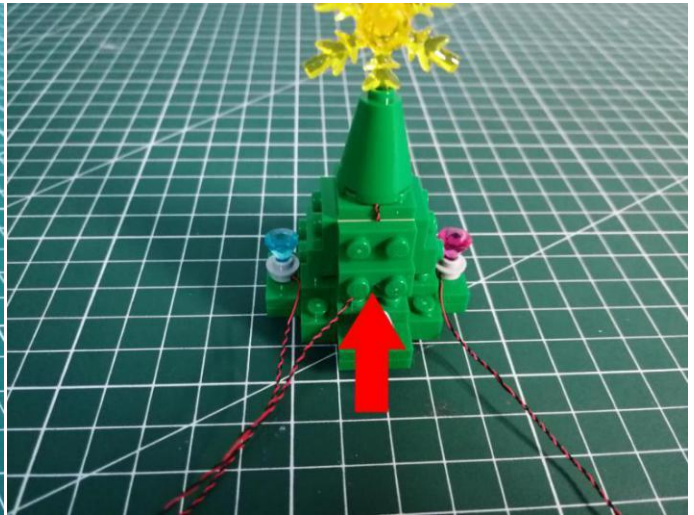
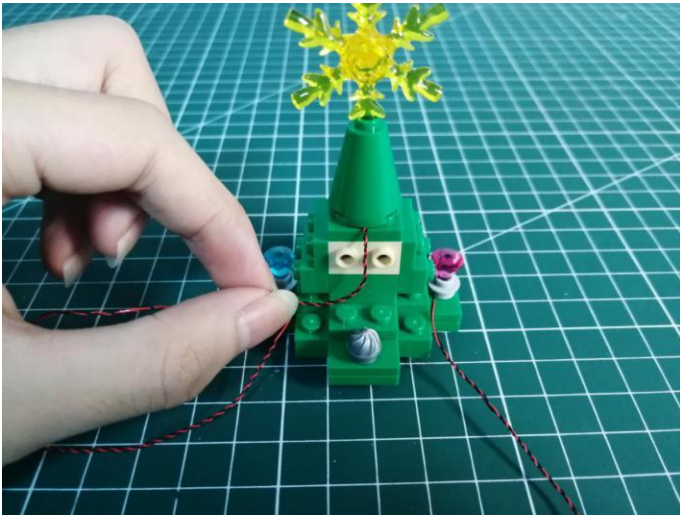
11.Reconnect the 2 crystals.



12.Turn to the back, remove the following piece.



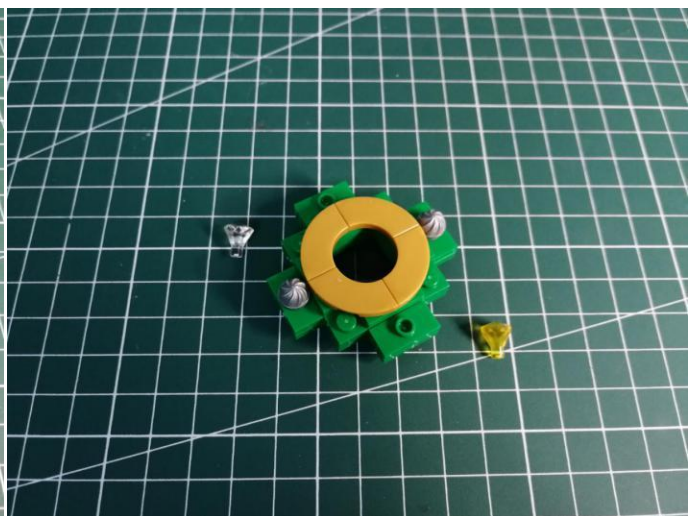
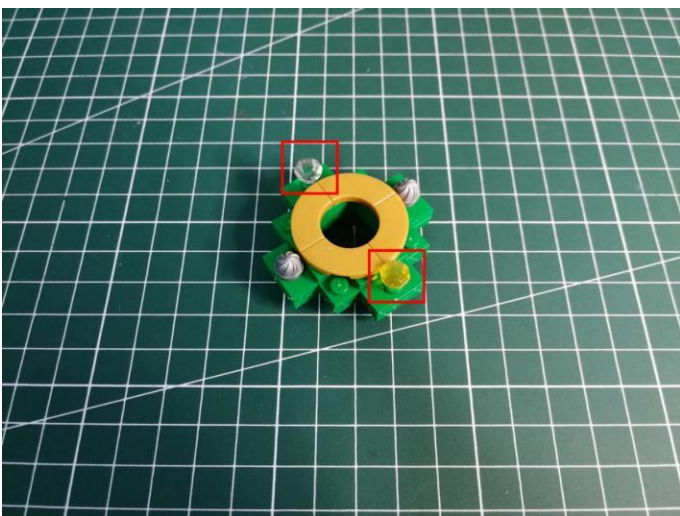
13.Place the cable as per below, reconnect the piece.



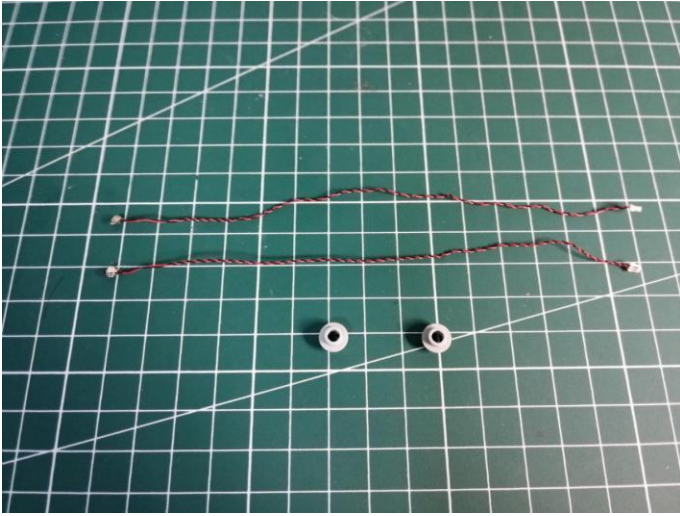
14.Remove the 3 part of the Christmas tree as per below.



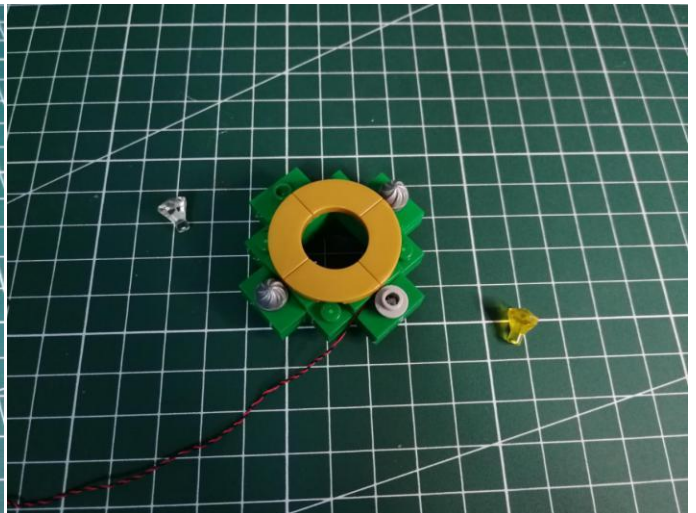
15.Disconnect the 2 crystals from the leaf.



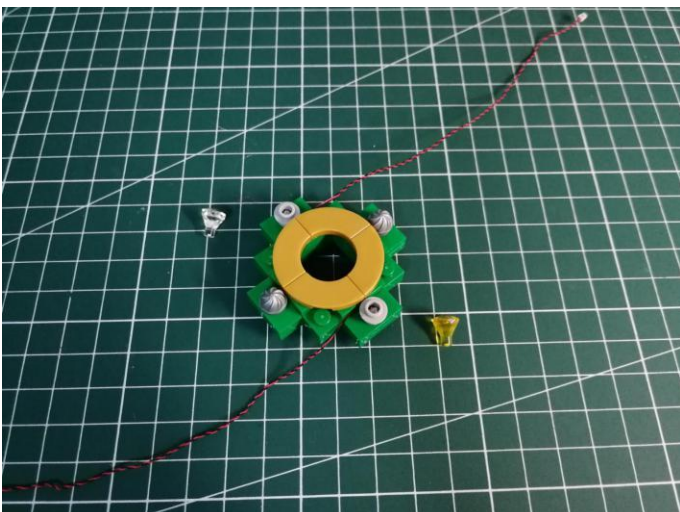
16.Take 2 Multi Colour 15cm Flashing Lights, 2 gray 1x1 round plates.



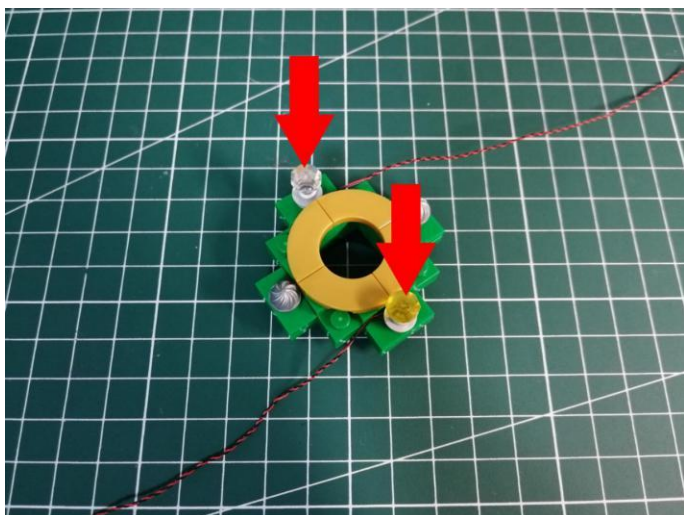
17.With lighting part facing up, connect the gray round plate with hole over.



18.Install the other light in the same way.



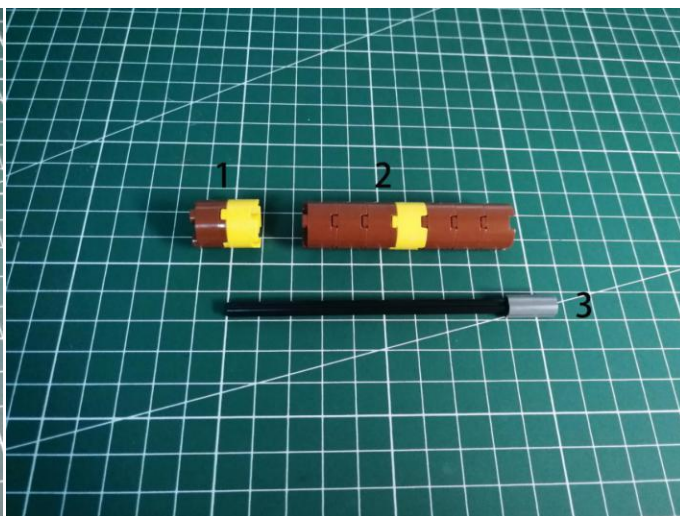
19.Reconnect the 2 crystals.



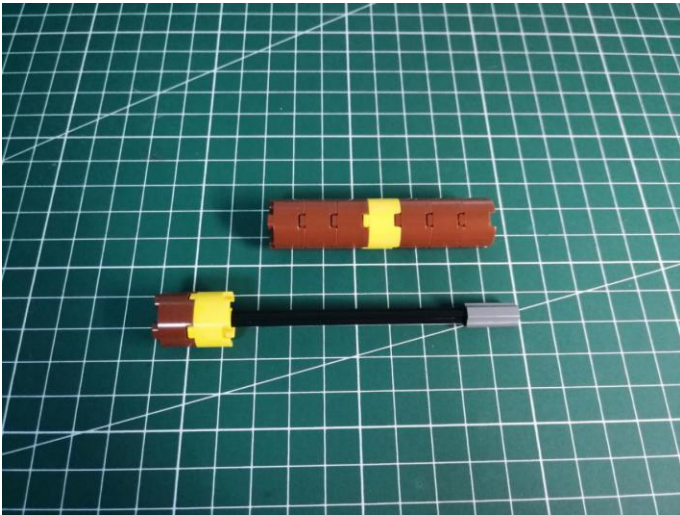
20.Remove the spindle of the Christmas tree.



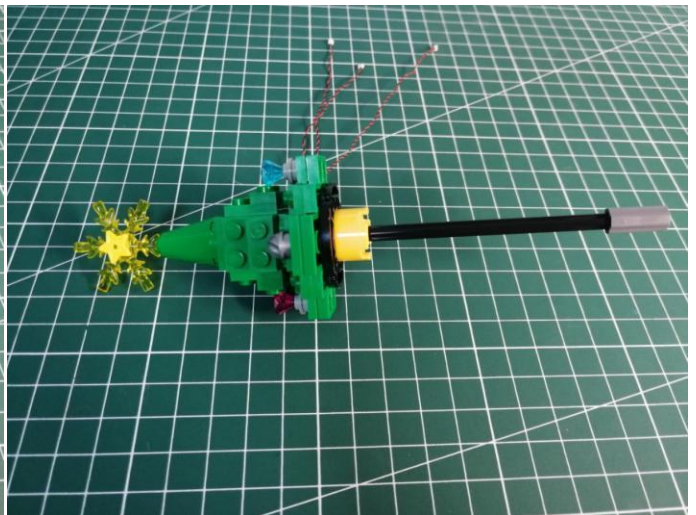
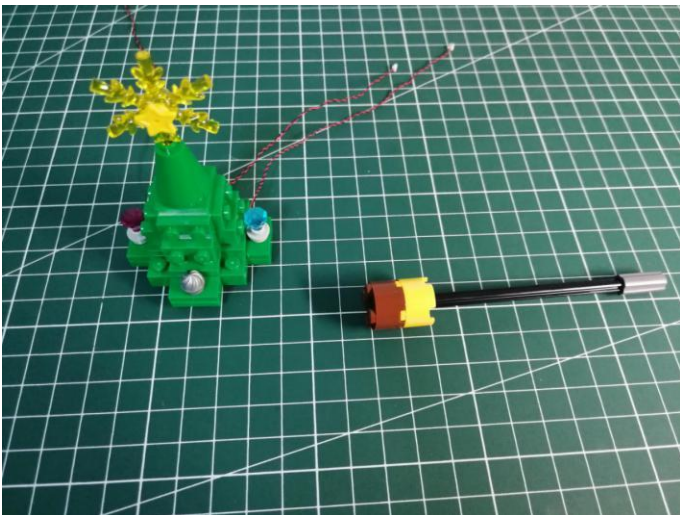
21.Divide the spindle into 3 parts.



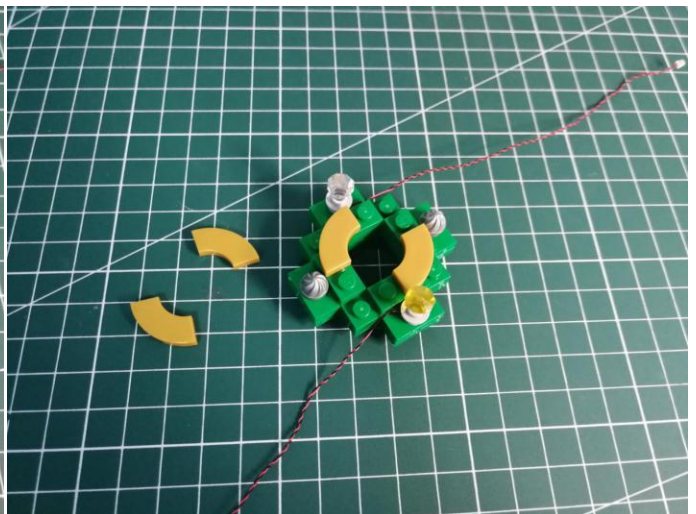
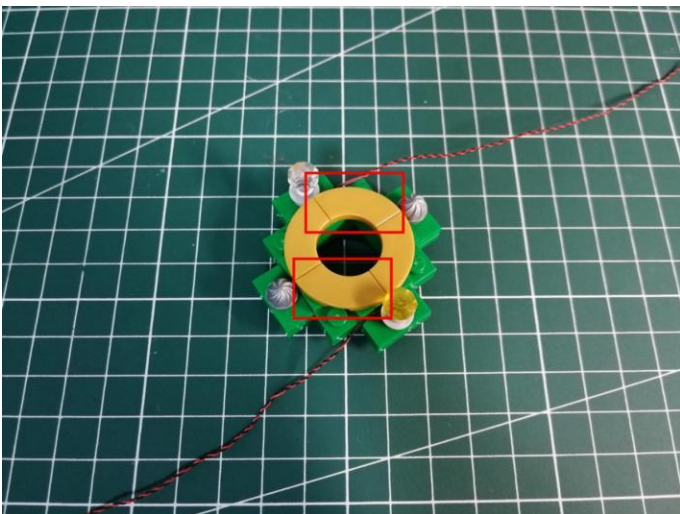
22.Connect the part 1 and part 3 together.



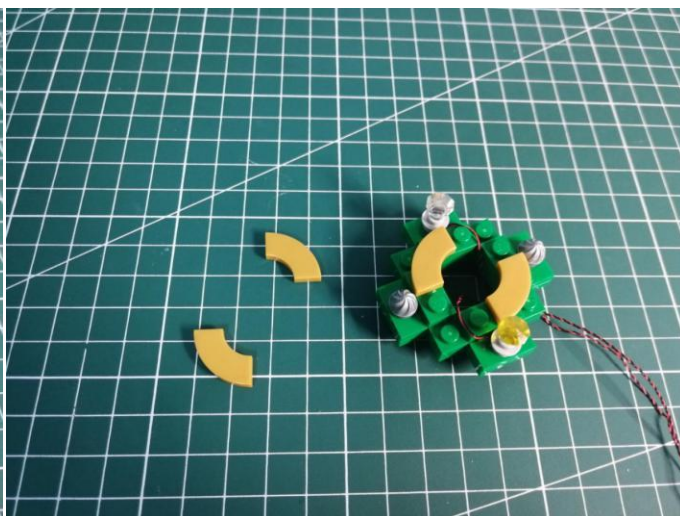
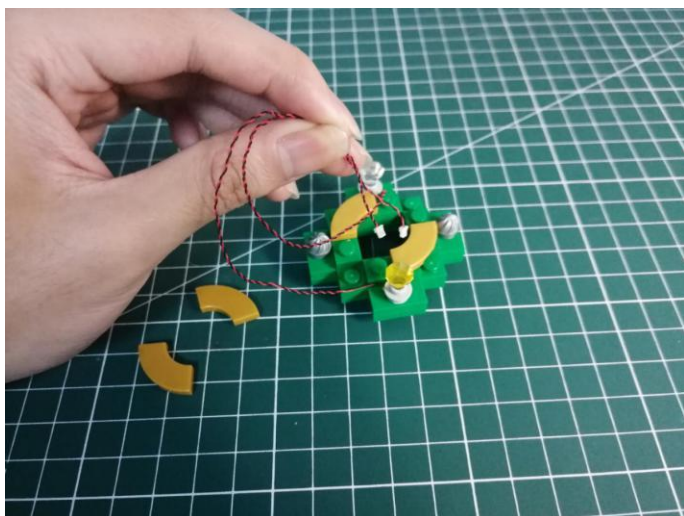
23.Connect them to the tree.



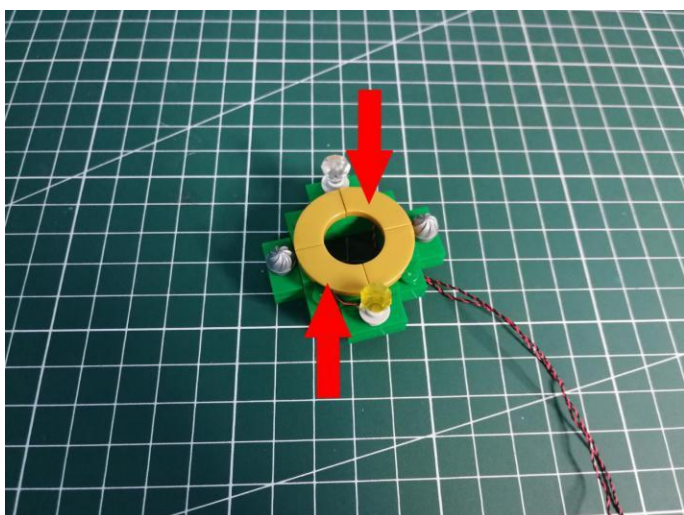
24.Remove the following 2 yellow pieces.



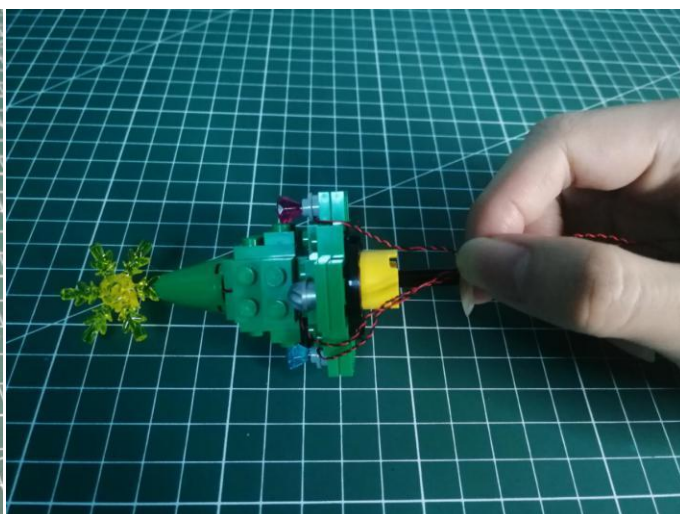
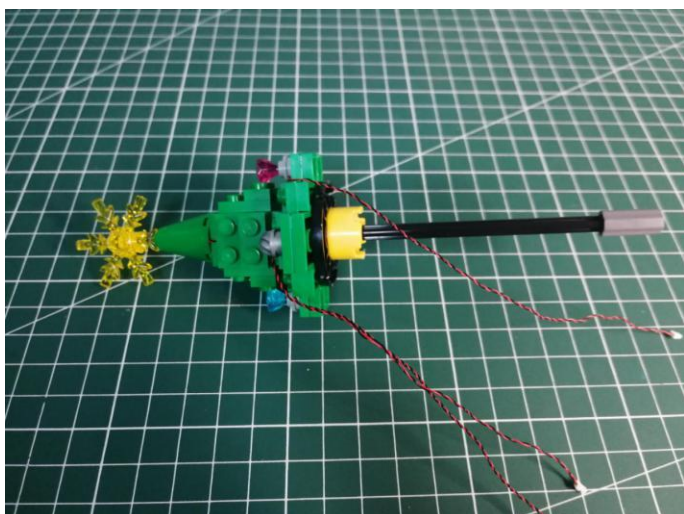
25. Take the following 2 cables, thread them through the following hole, and group the cables together.



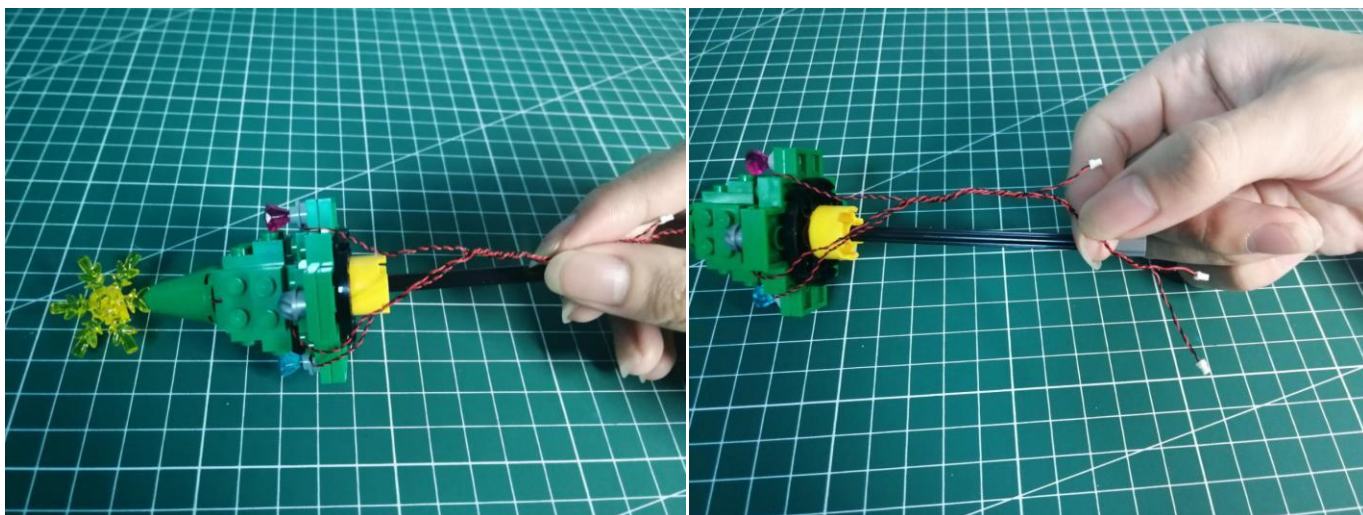
26. Reconnect the following pieces.



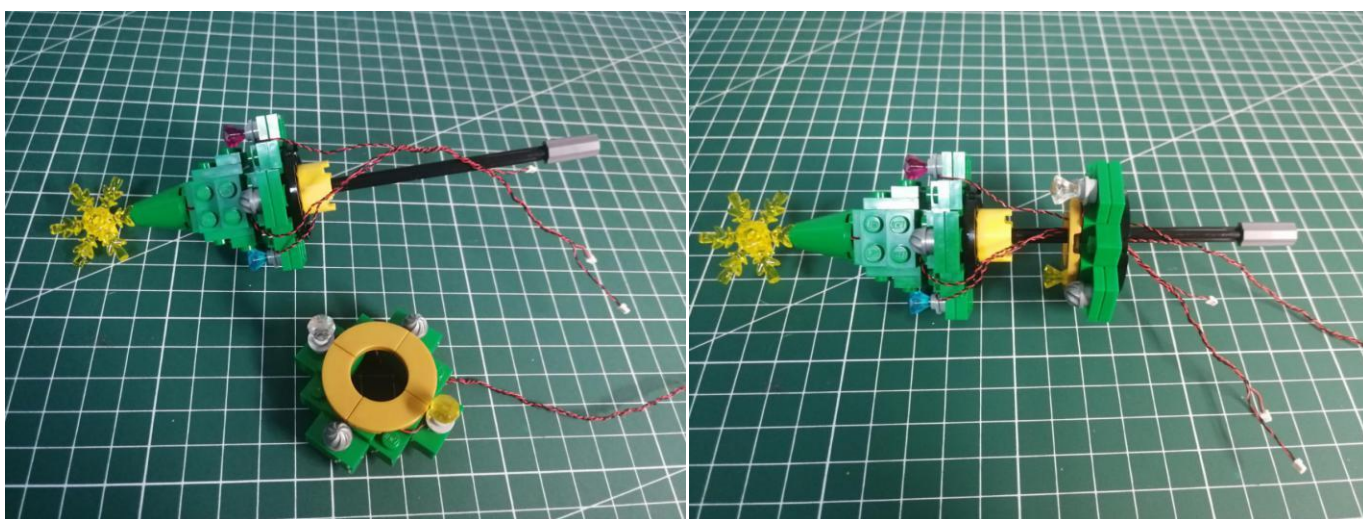
27. Group the 3 cables from the leaf together as per below.



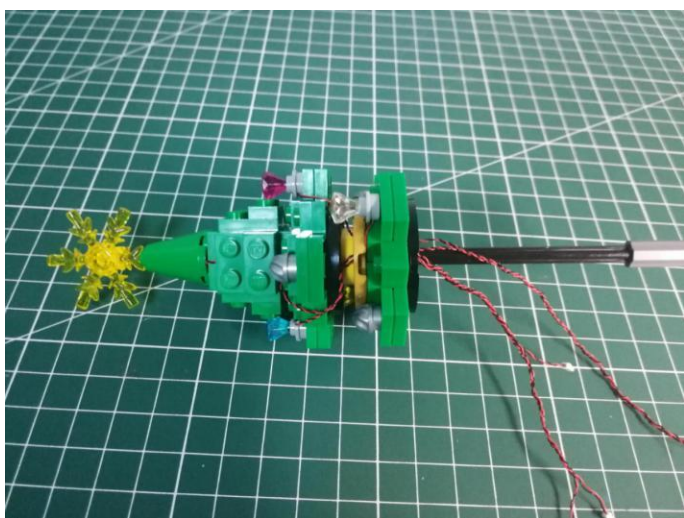
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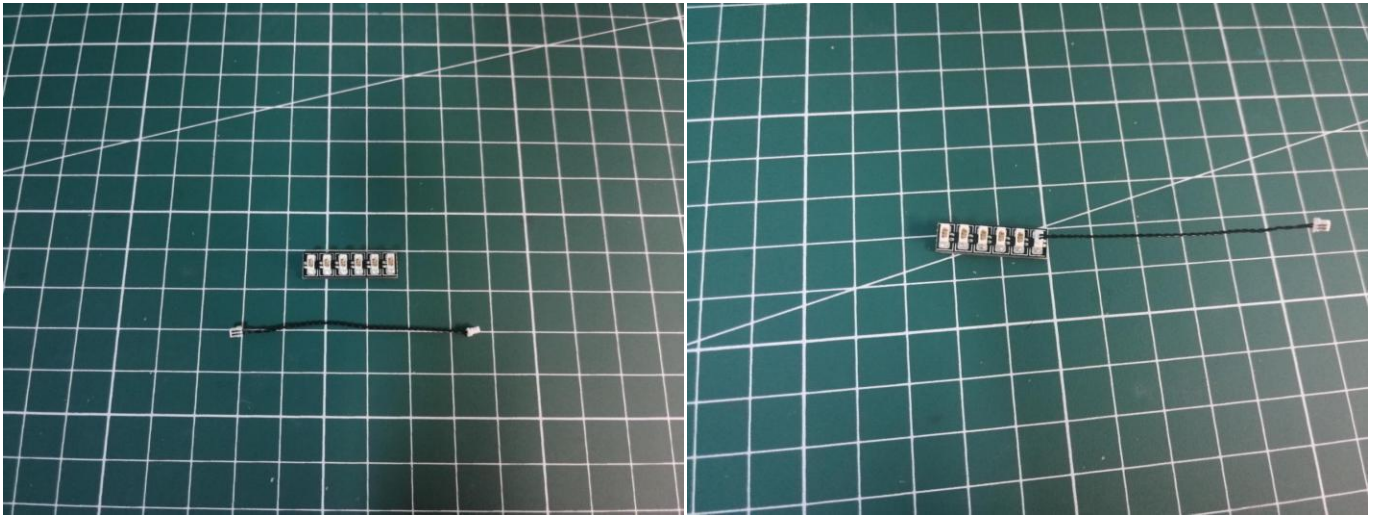
29. Connect the part 3 to the spindle as per below.



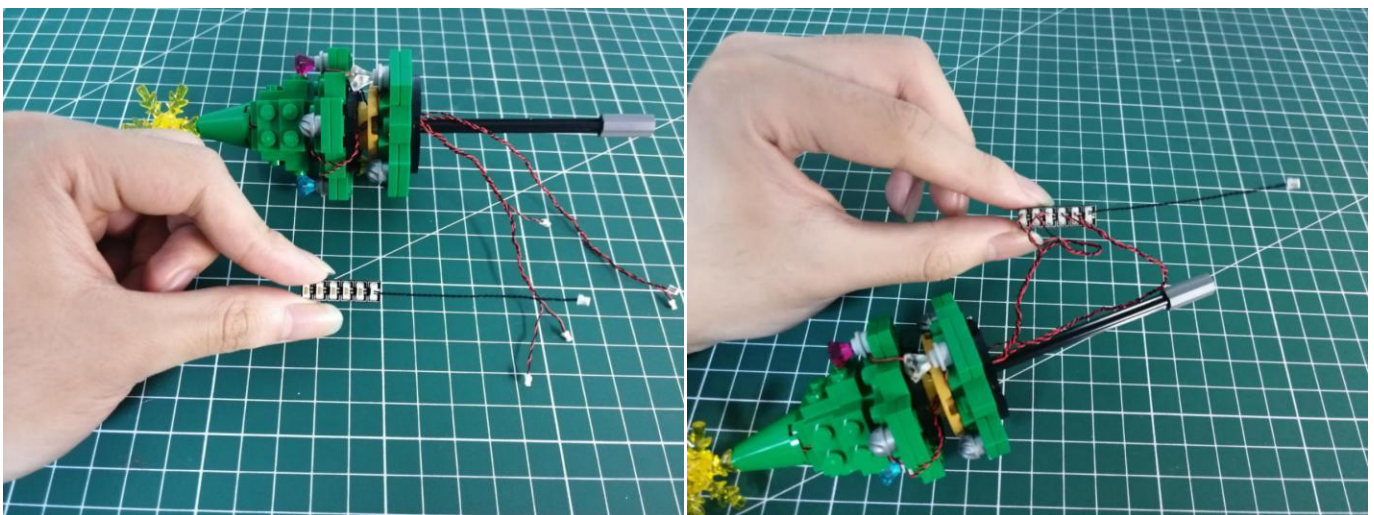
30



31.Take a 5cm connecting cable, a 6-port expansion board, assemble them as per below.



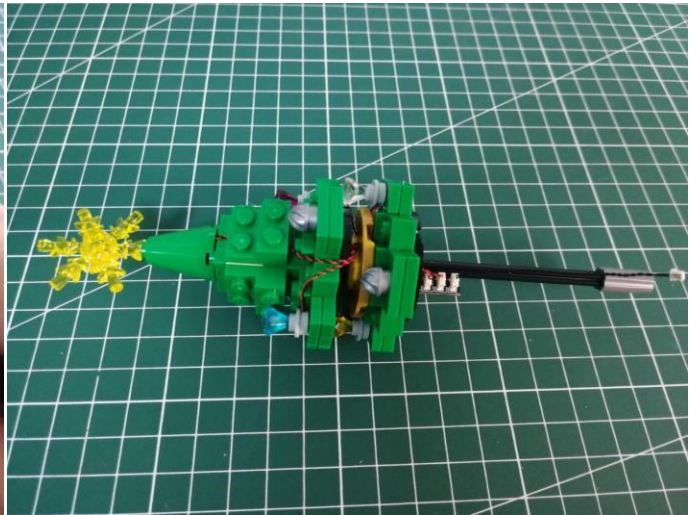
32.Connect the 5 cables to the expansion board.



33.Tuck the expansion board and the cables inside as per below.



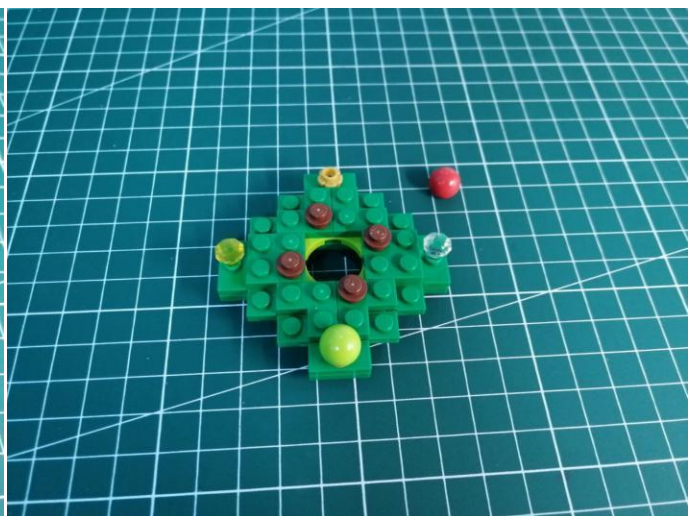
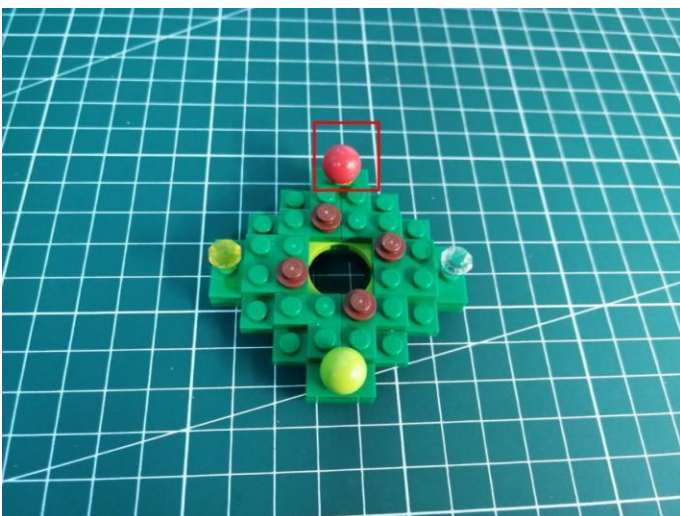
34.Tuck them with the tweezers as per below.



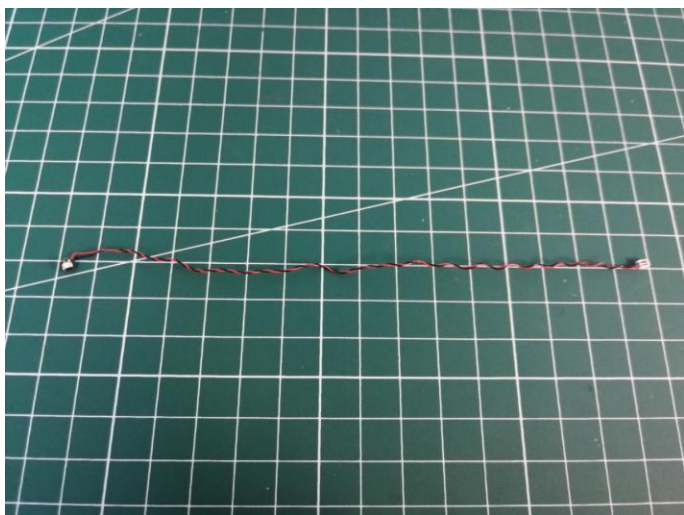
35.Remove the 4 part of the Christmas tree as per below.



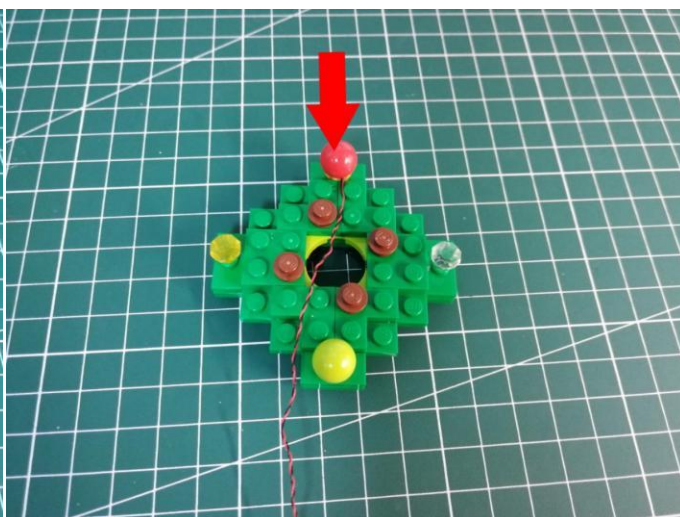
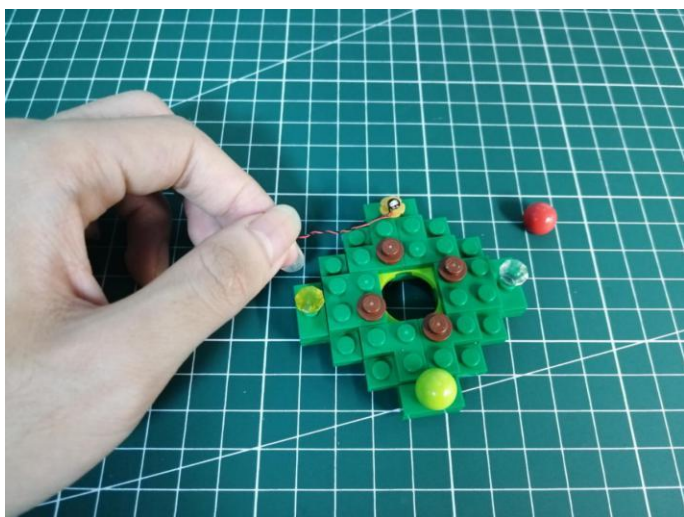
36.Disconnect the red ball from the leaf.



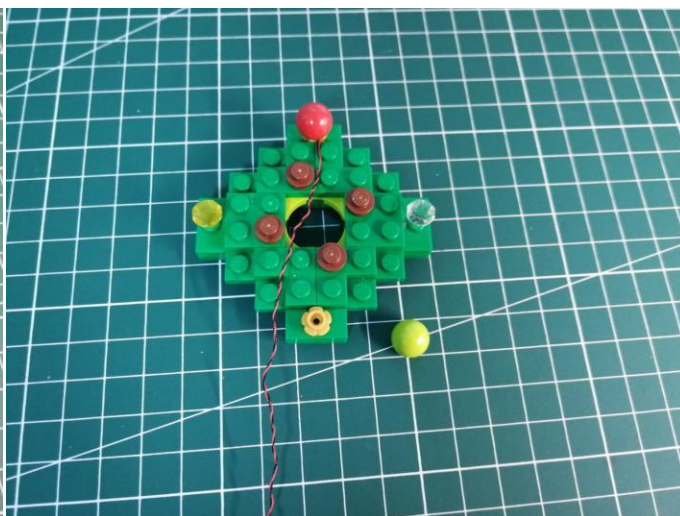
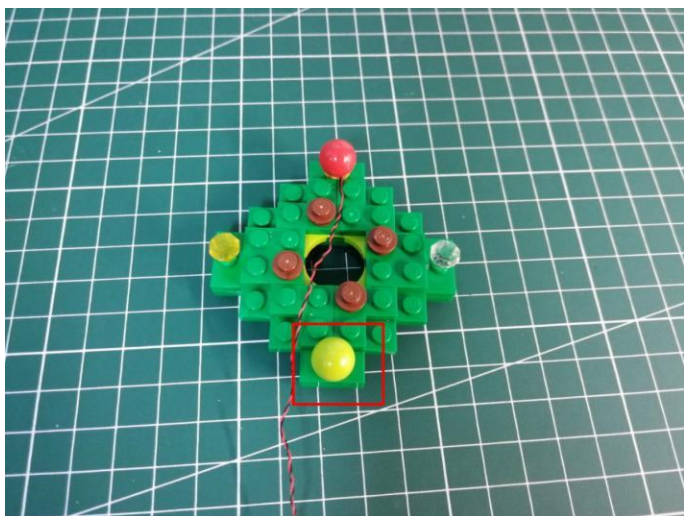
37.Take a red 15cm dot light.



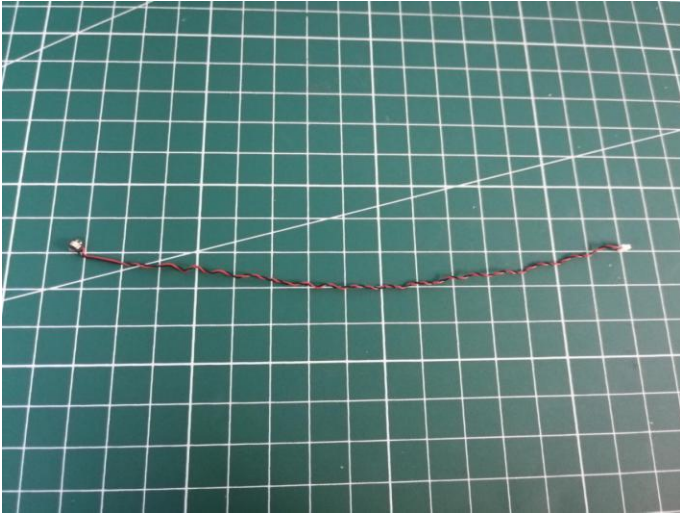
38.With lighting part facing up, reconnect the red ball.



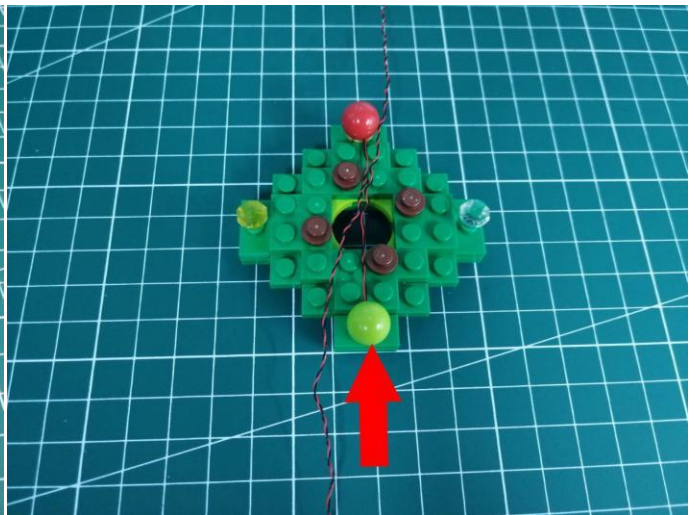
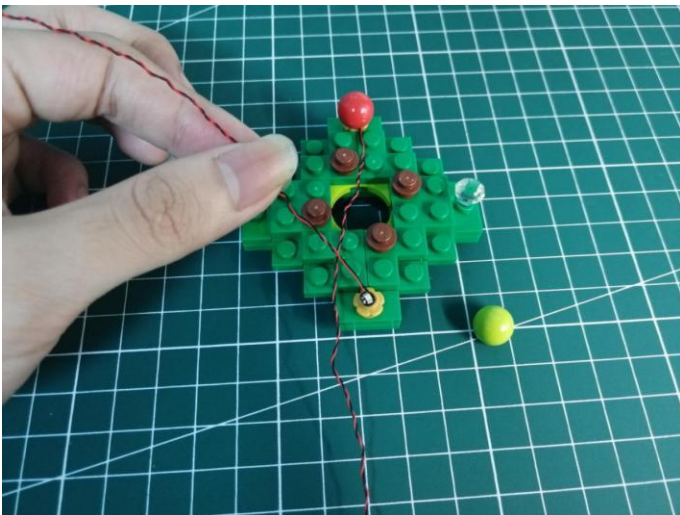
39.Disconnect the green ball from the leaf.



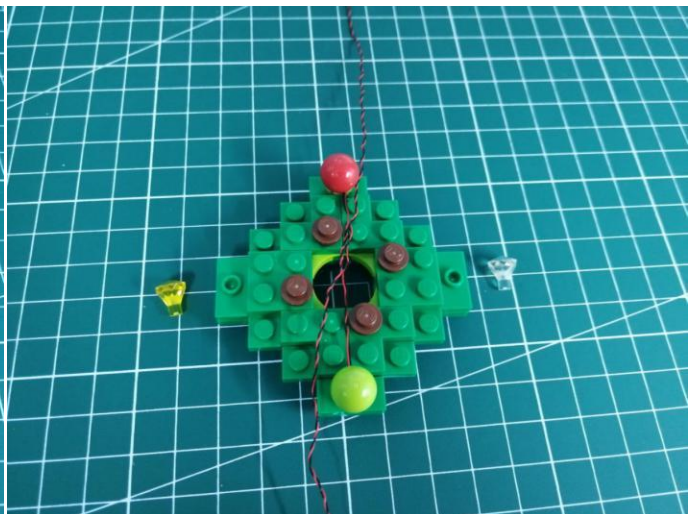
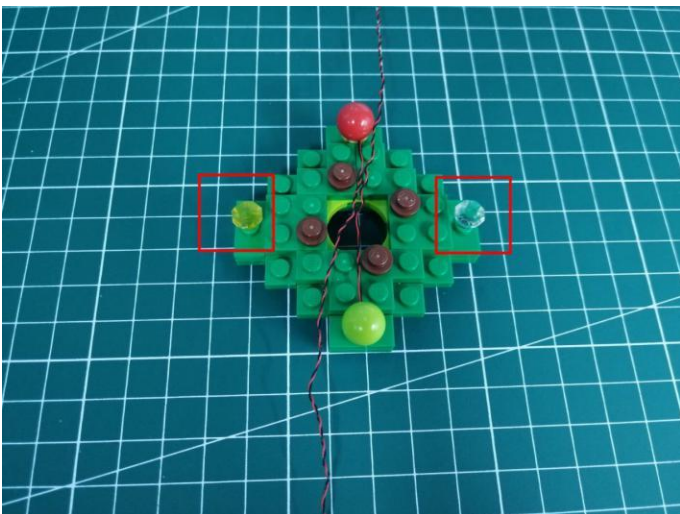
40. Take a green 15cm dot light.



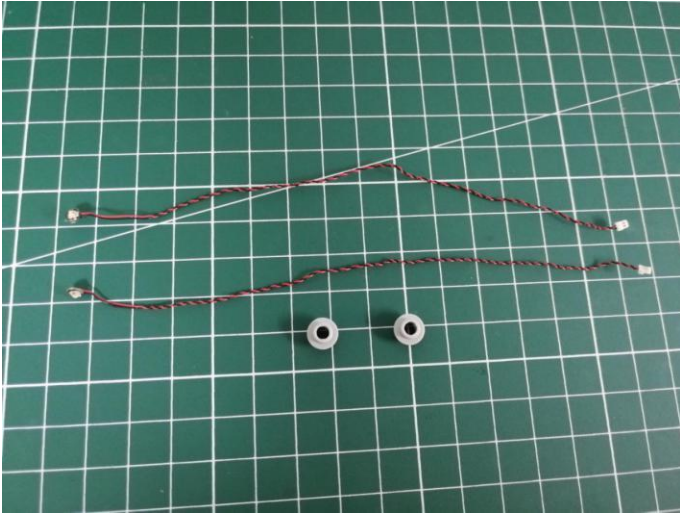
41. With lighting part facing up, reconnect the green ball.



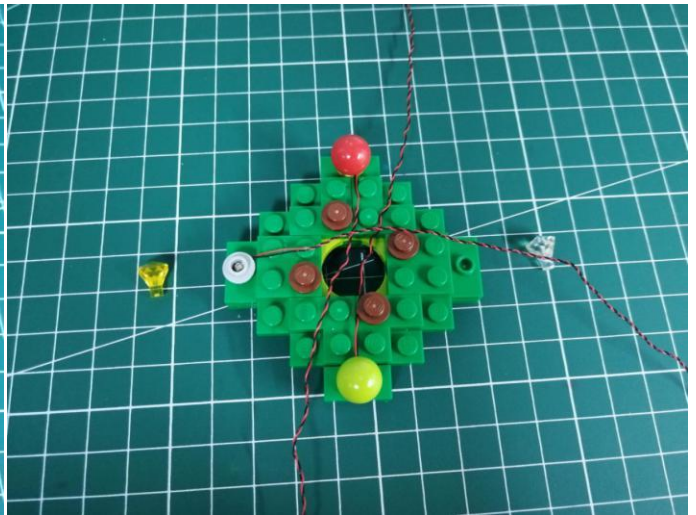
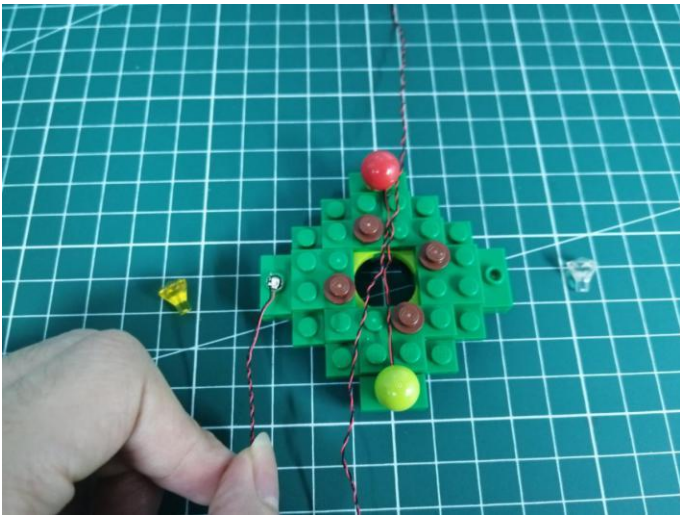
42. Disconnect the 2 crystals from the leaf.



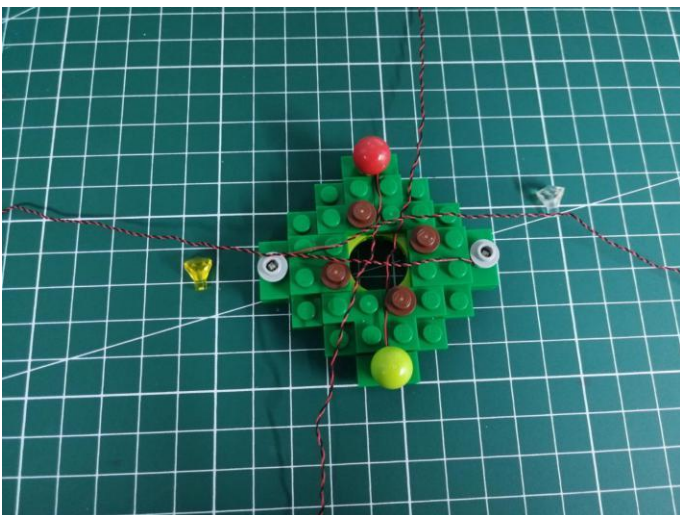
43.Take 2 Multi Colour 15cm Flashing Lights, 2 gray 1x1 round plates.



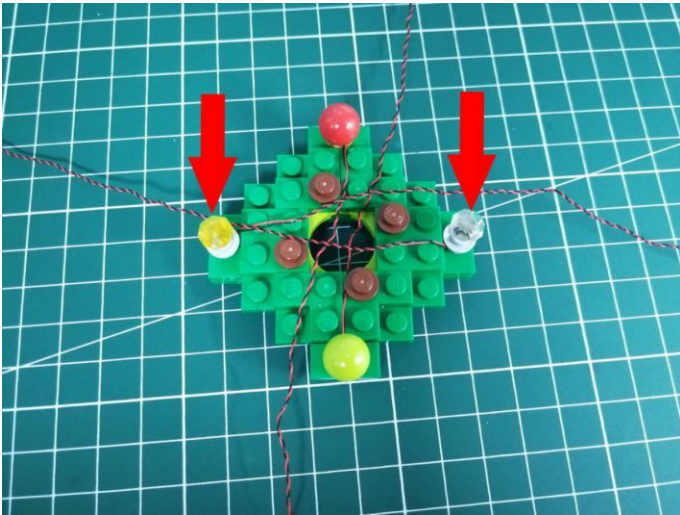
44.With lighting part facing up, connect the gray round plate with hole over.



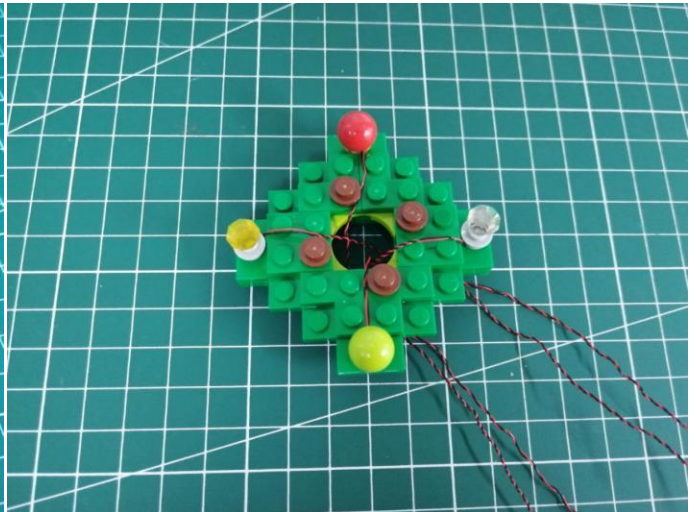
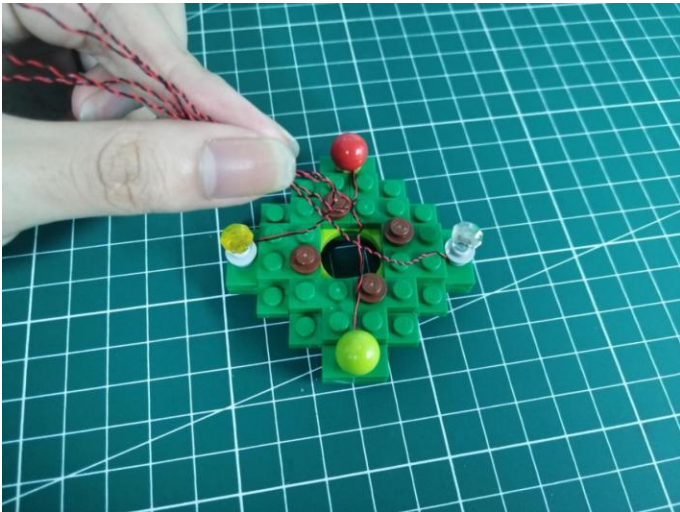
45.Install the other light in the same way.



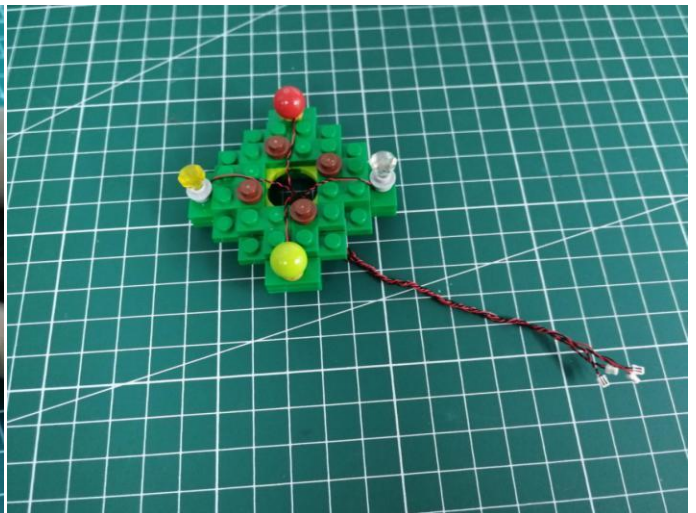
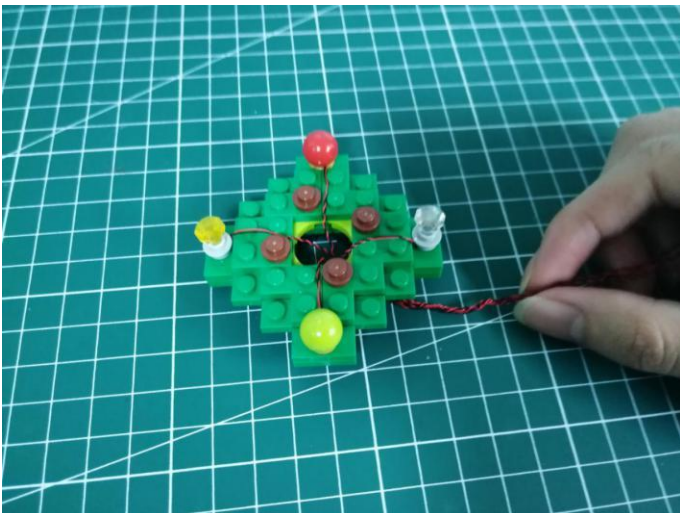
46. Reconnect the 2 crystals.



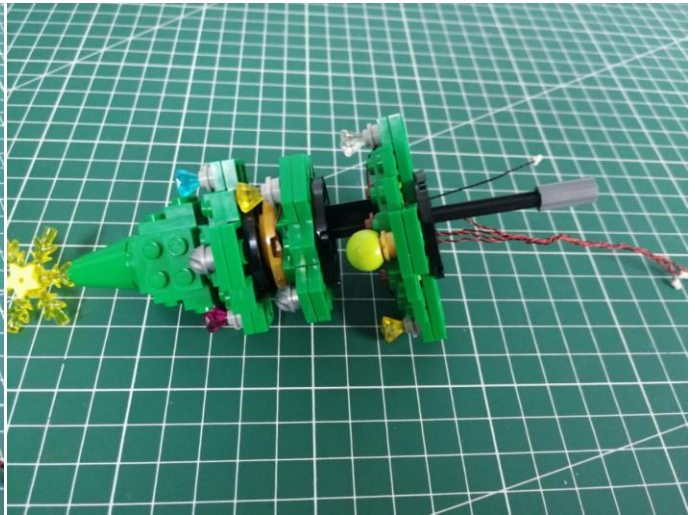
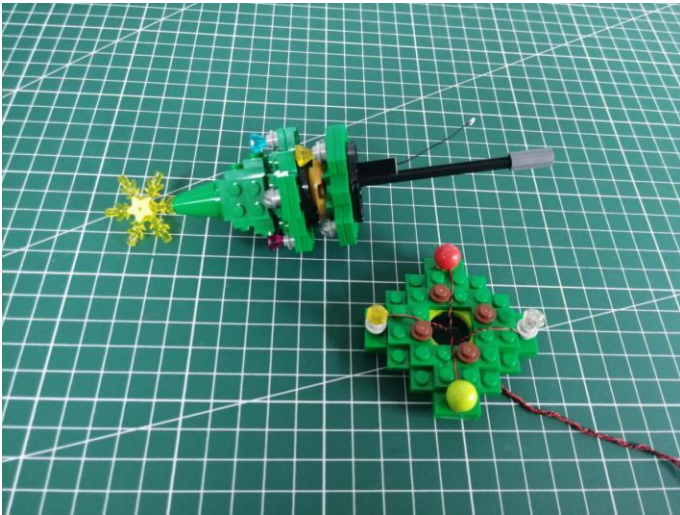
47. Place the 4 cables inside the hole, and group the 4 cables together as per below.



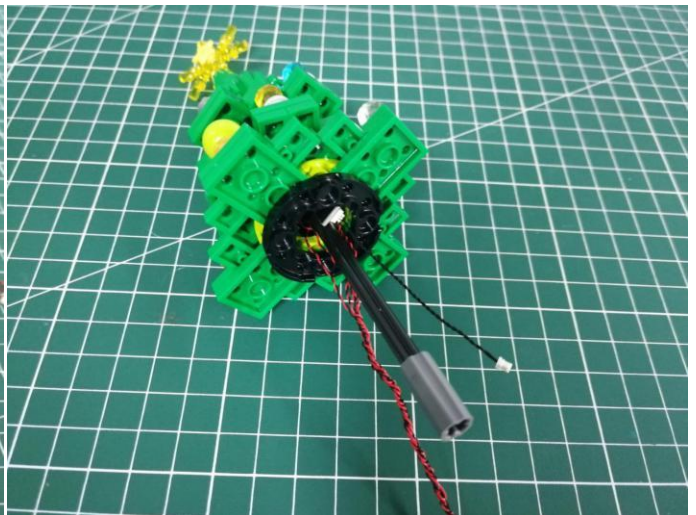
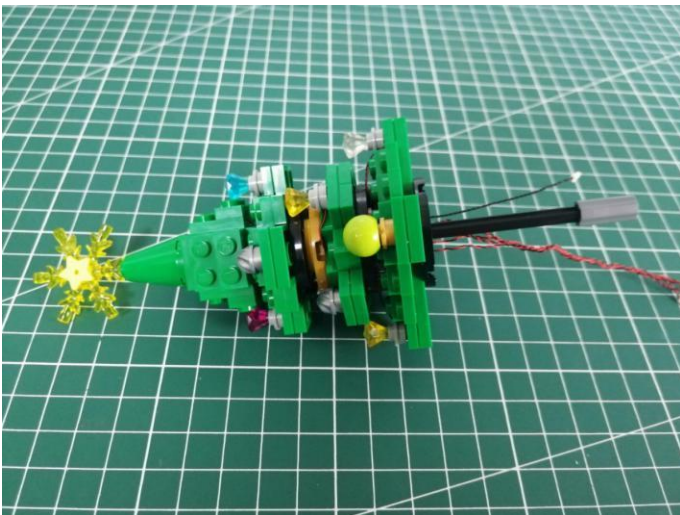
48



49. Connect the part 4 to the spindle as per below.



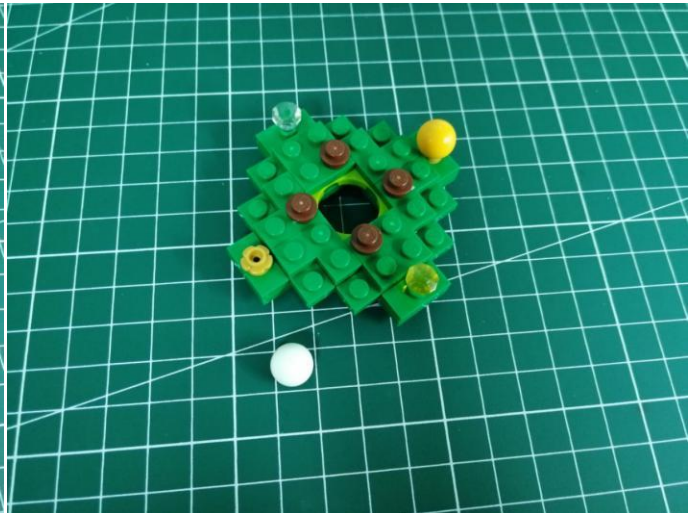
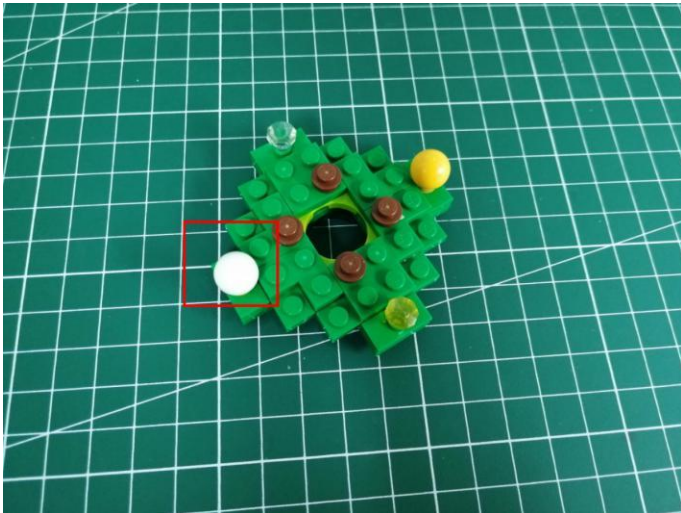
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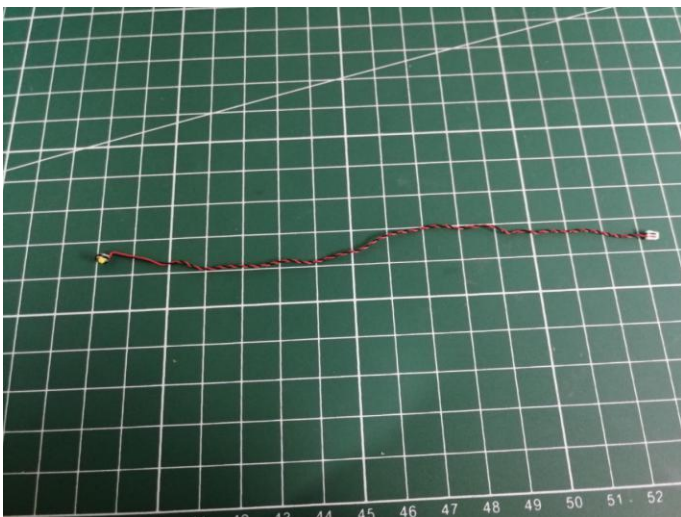
51. Remove the 5 part of the Christmas tree as per below.



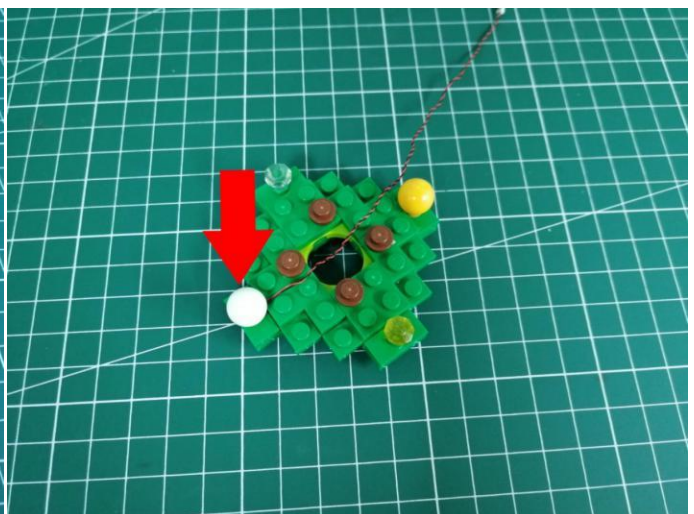
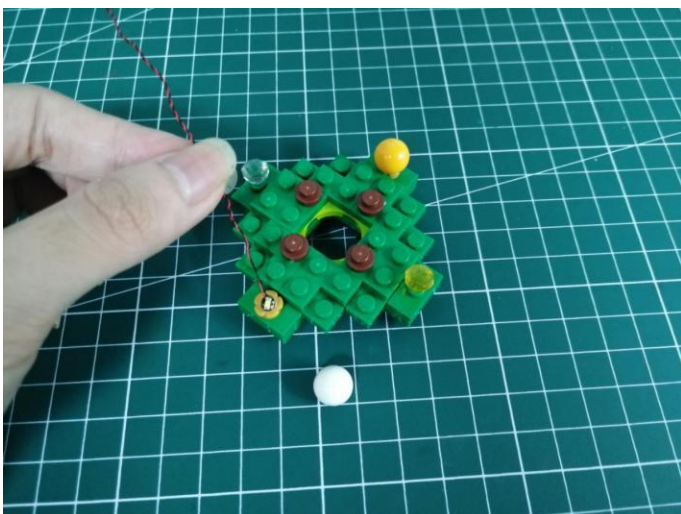
52. Disconnect the white ball from the leaf.



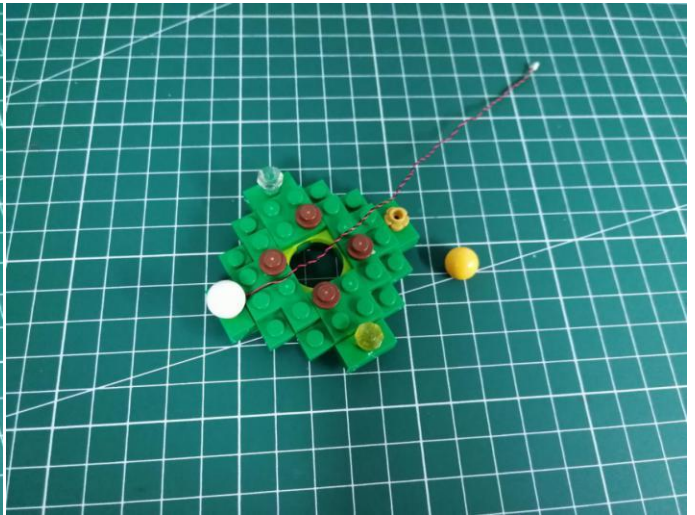
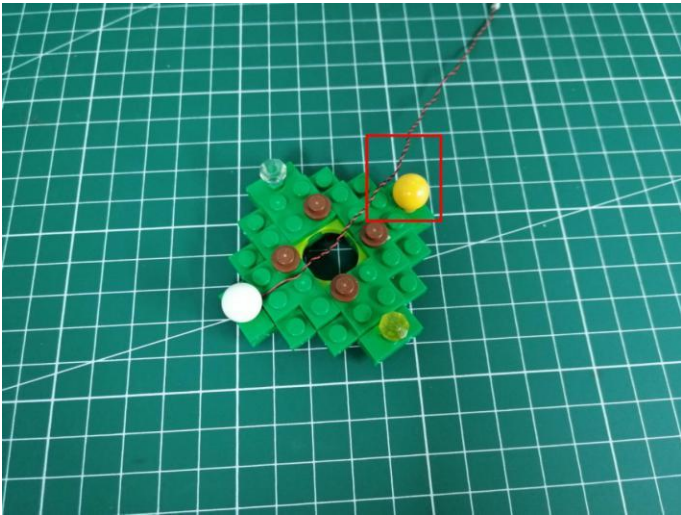
53. Take a white 15cm dot light.



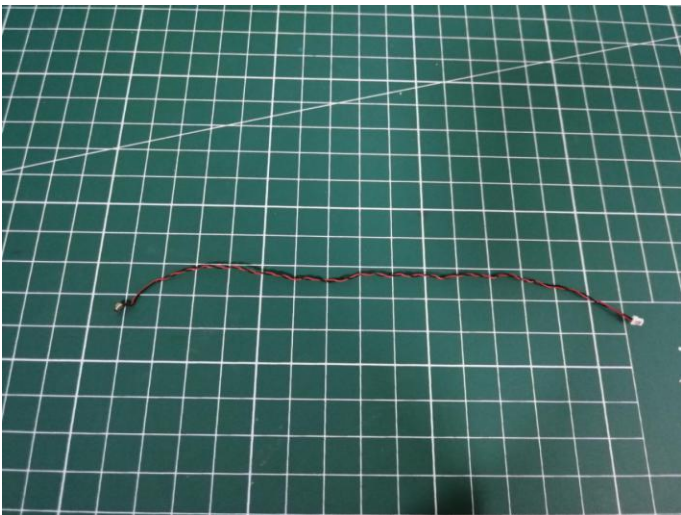
54. With lighting part facing up, reconnect the white ball.



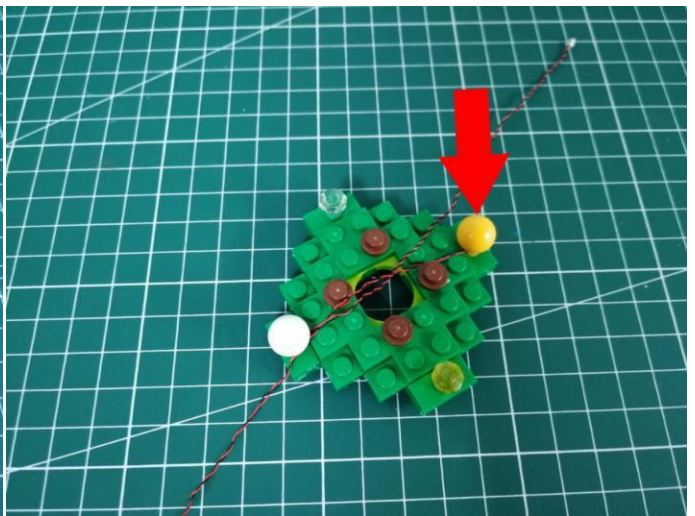
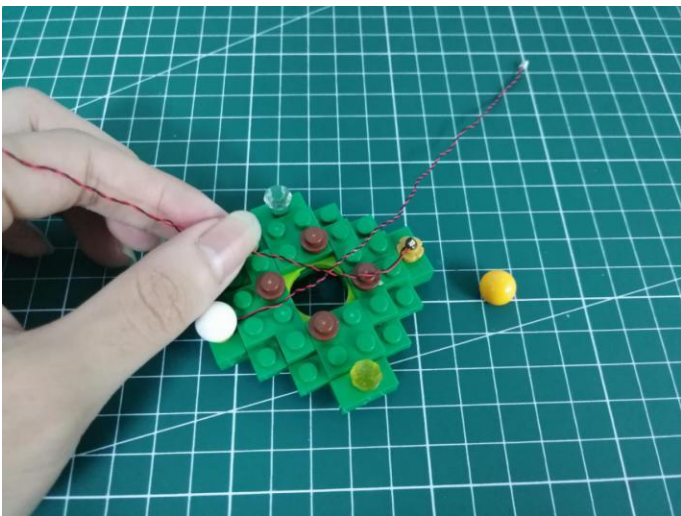
55. Disconnect the yellow ball from the leaf.



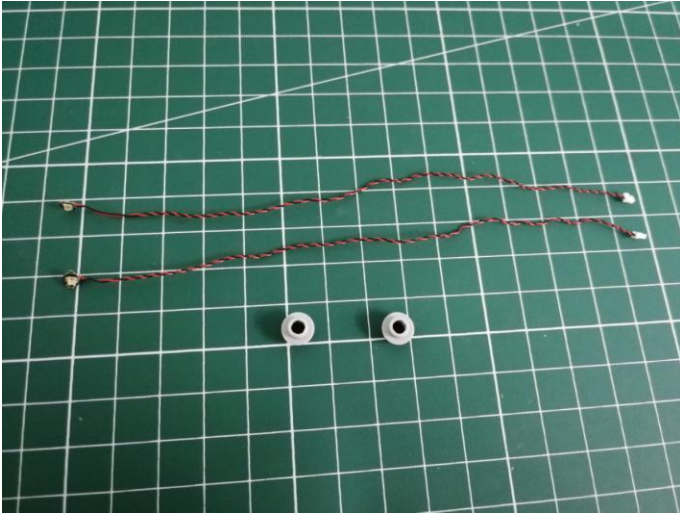
56. Take a yellow 15cm dot light.



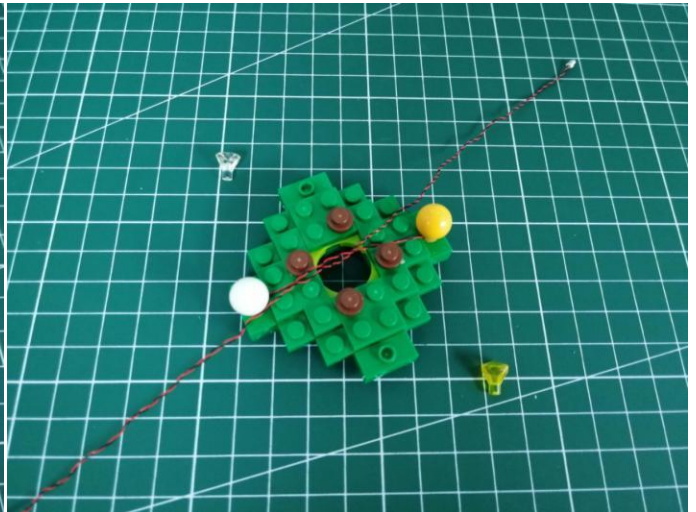
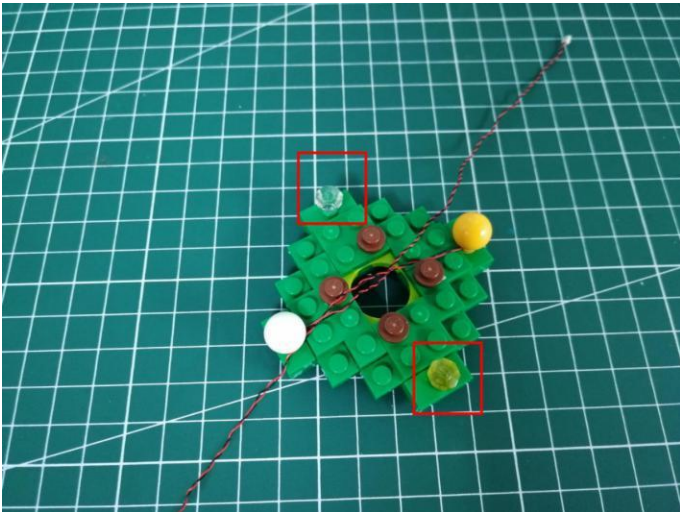
57. With lighting part facing up, reconnect the yellow ball.



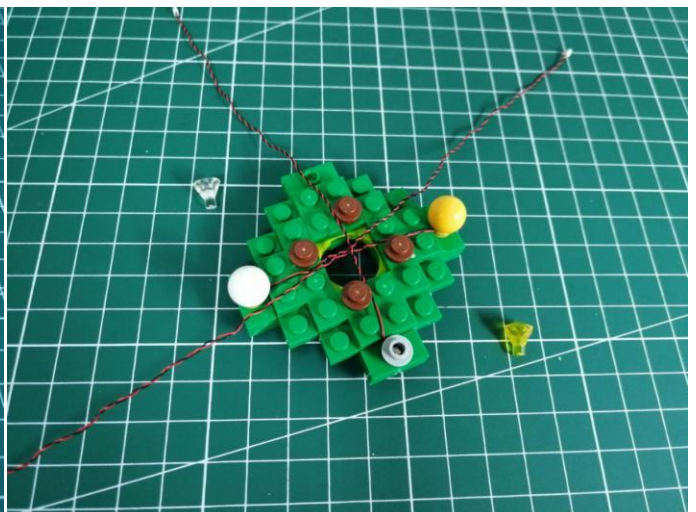
58.Take 2 Multi Colour 15cm Flashing Lights, 2 gray 1x1 round plates



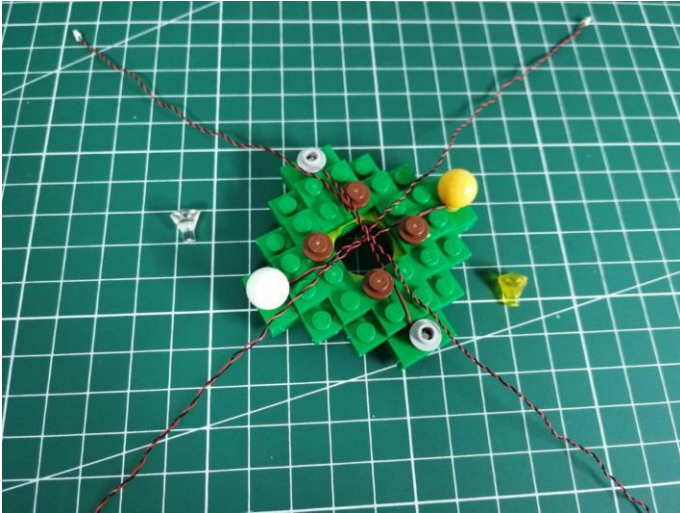
59.Disconnect the 2 crystals from the leaf.



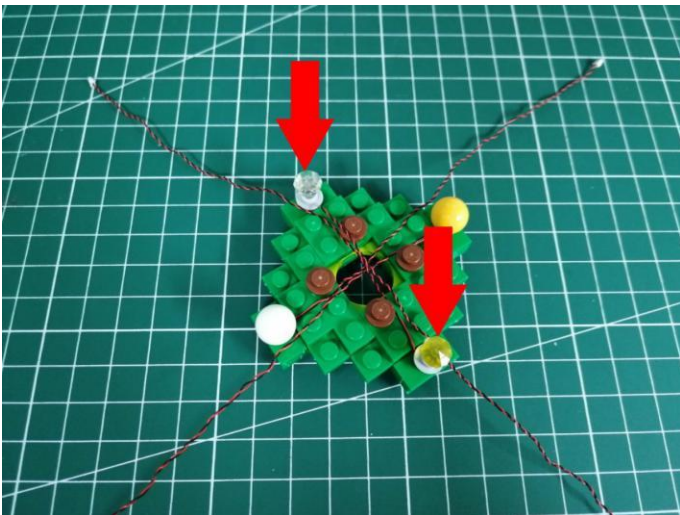
60.With lighting part facing up, connect the gray round plate with hole over.



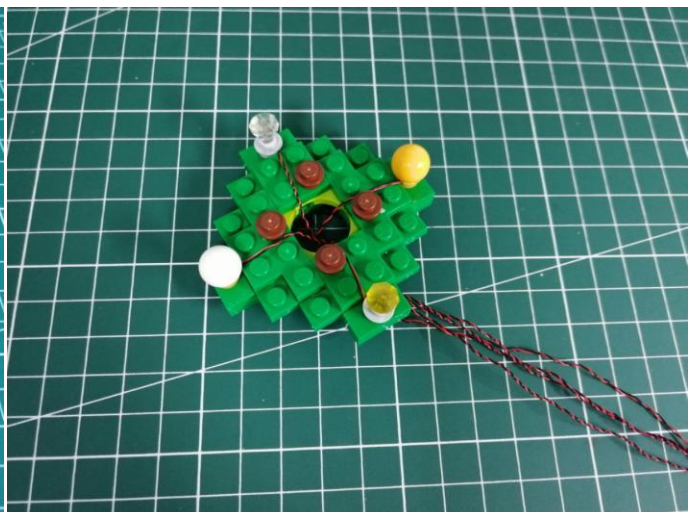
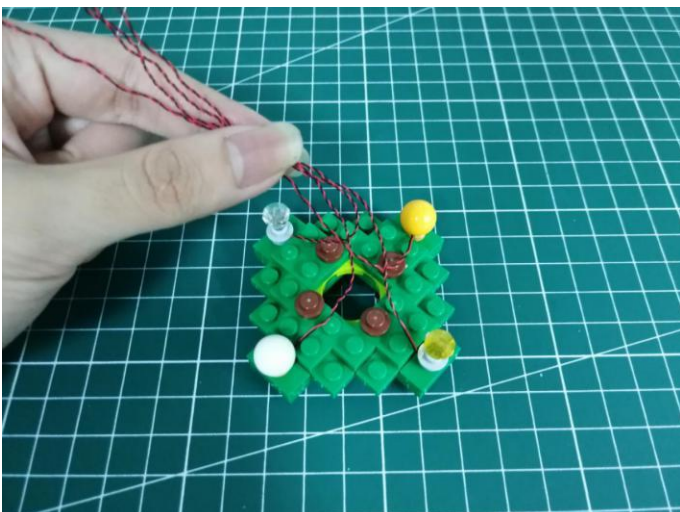
61. Install the other light in the same way.



62. Reconnect the 2 crystals.



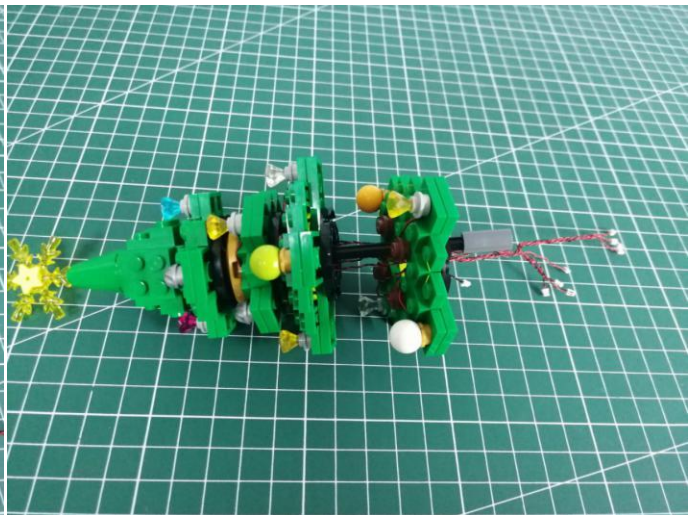
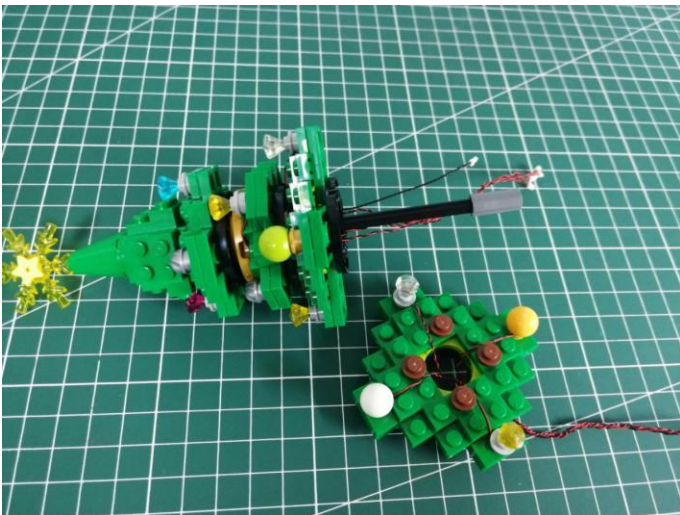
63. Place the 4 cables inside the hole, and group the 4 cables together as per below.



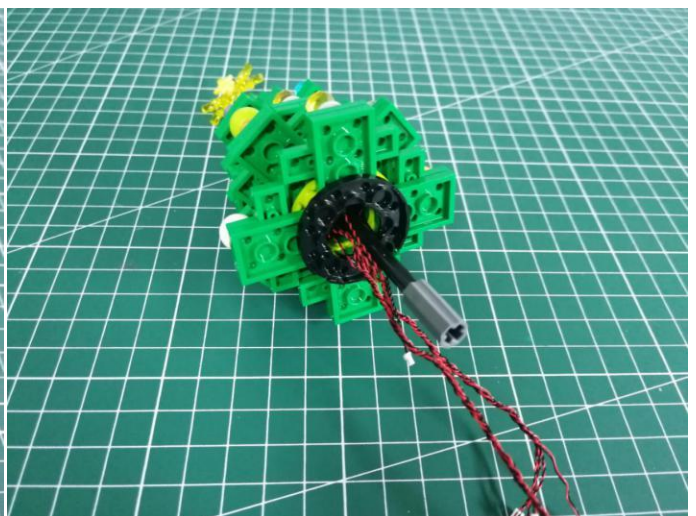
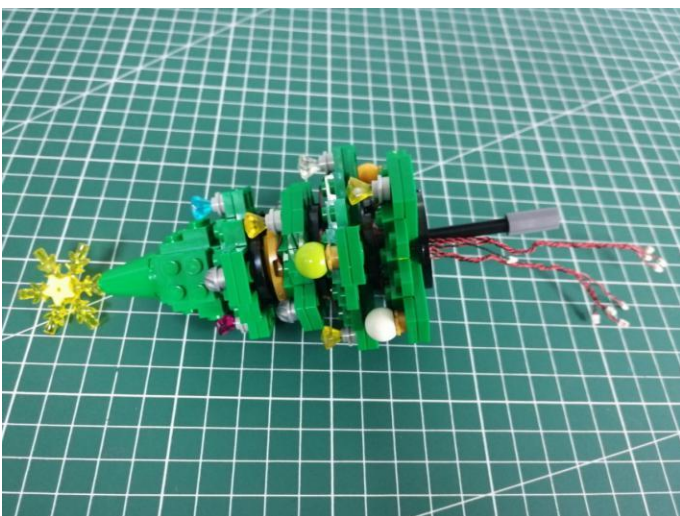
64



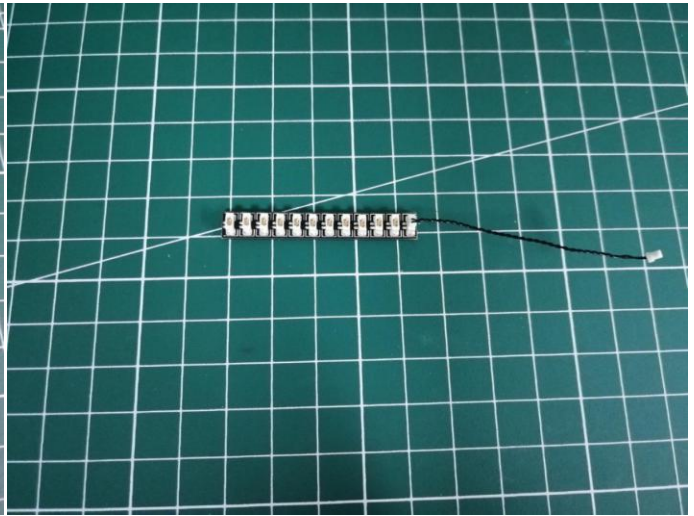
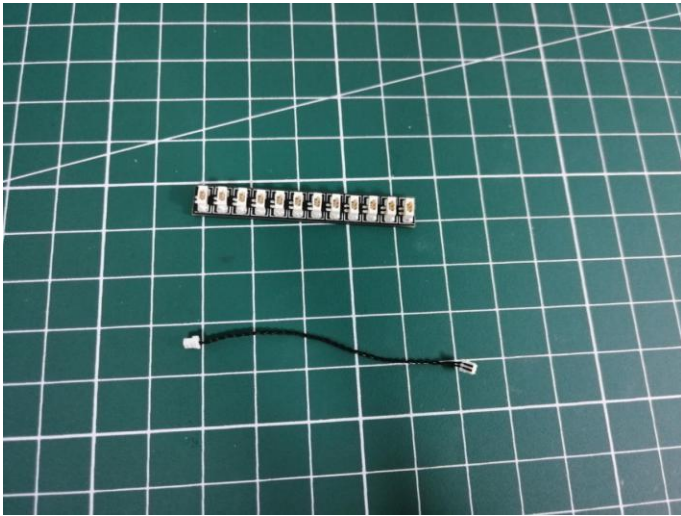
65. Connect the part 5 to the spindle as per below.



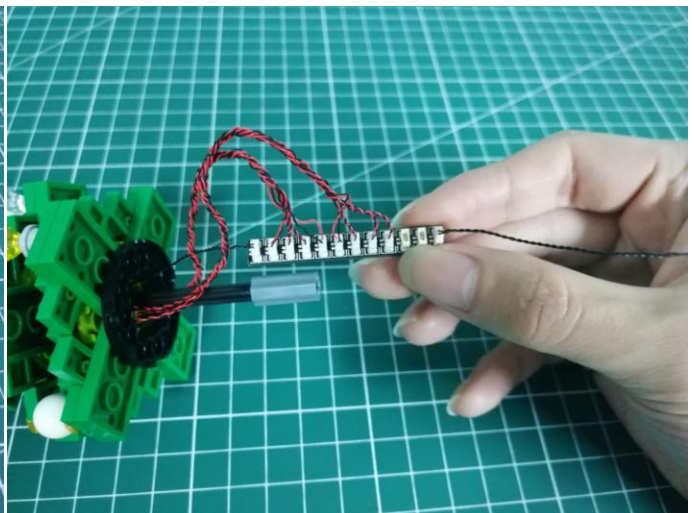
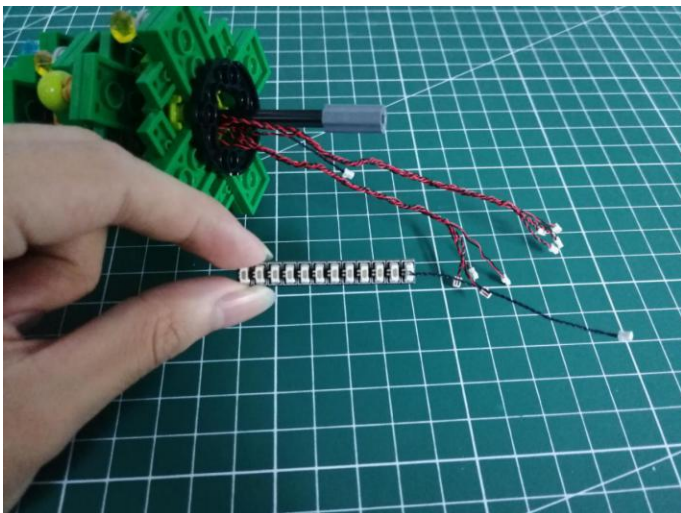
66



67.Take a 5cm connecting cable, a 12-port expansion board, assemble them as per below.



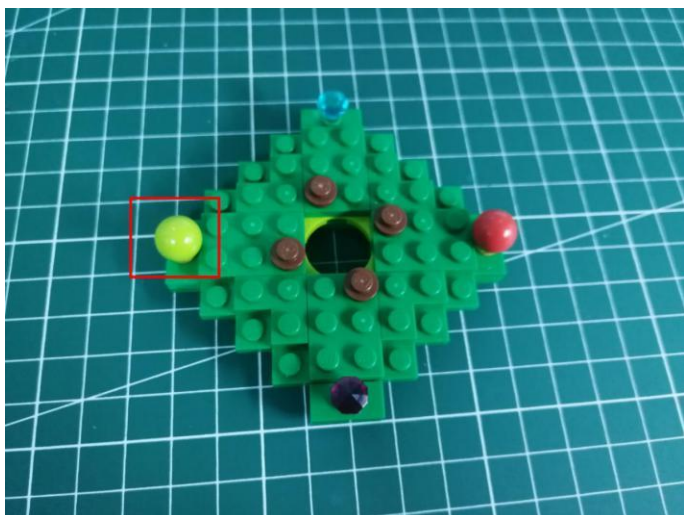
68.Connect all the cables to the expansion board.



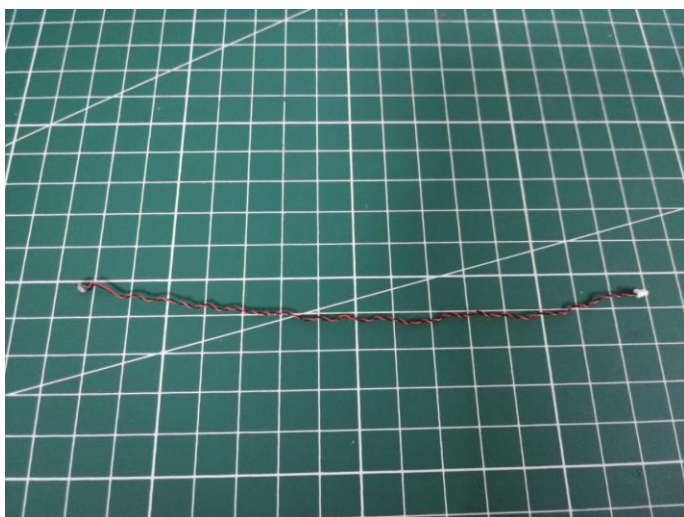
69.Remove the 6 part of the Christmas tree as per below.



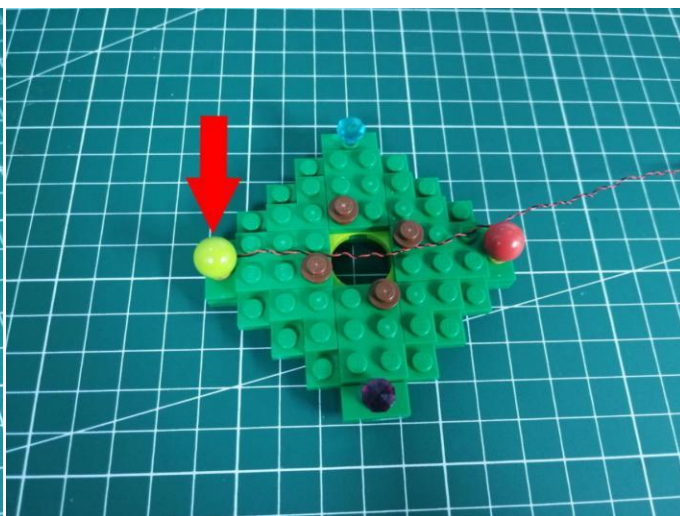
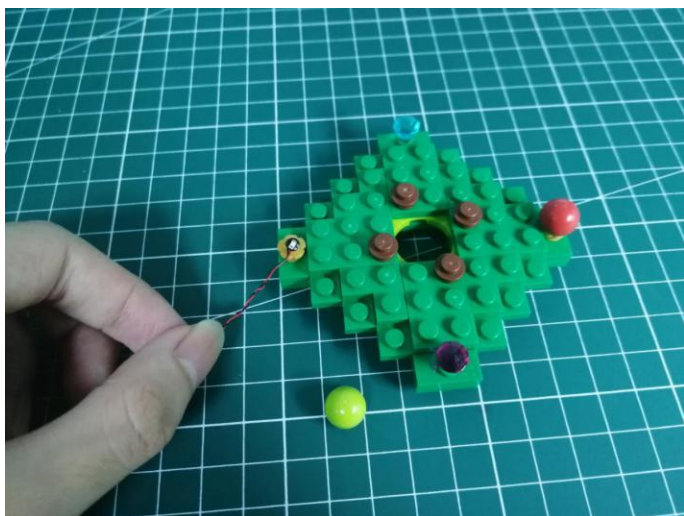
70. Disconnect the green ball from the leaf.



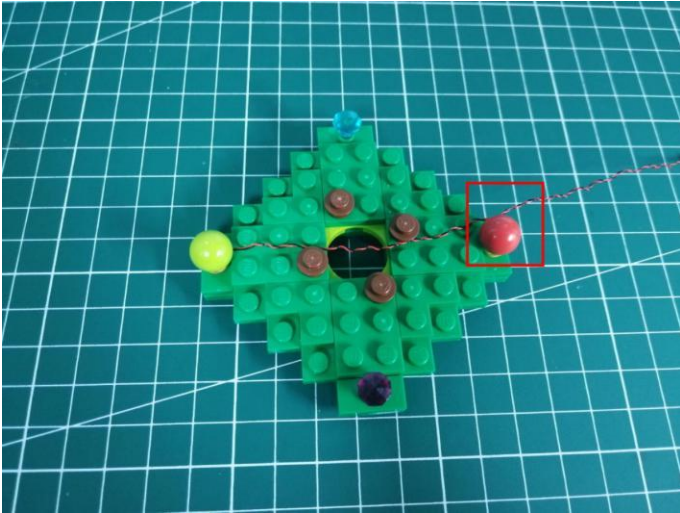
71. Take a green 15cm dot light.



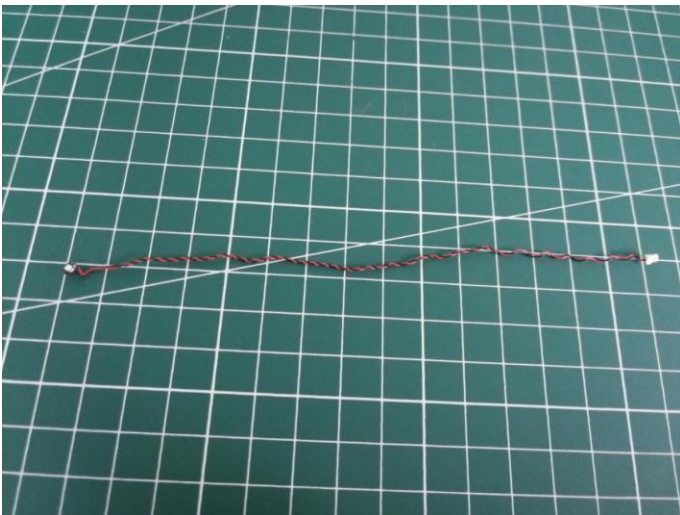
72. With lighting part facing up, reconnect the green ball.



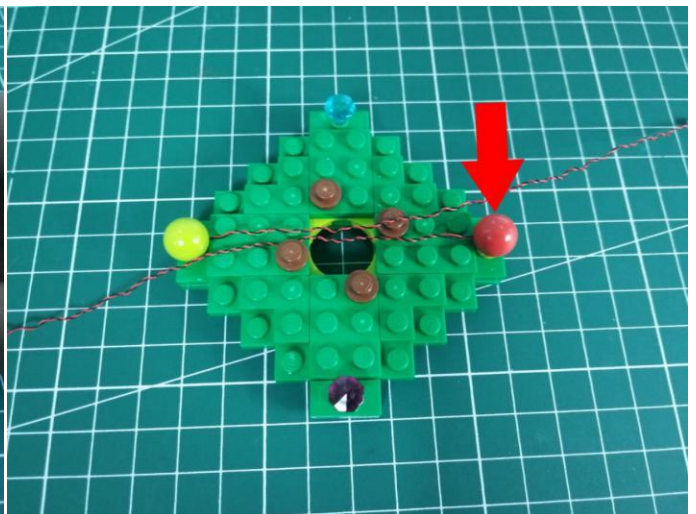
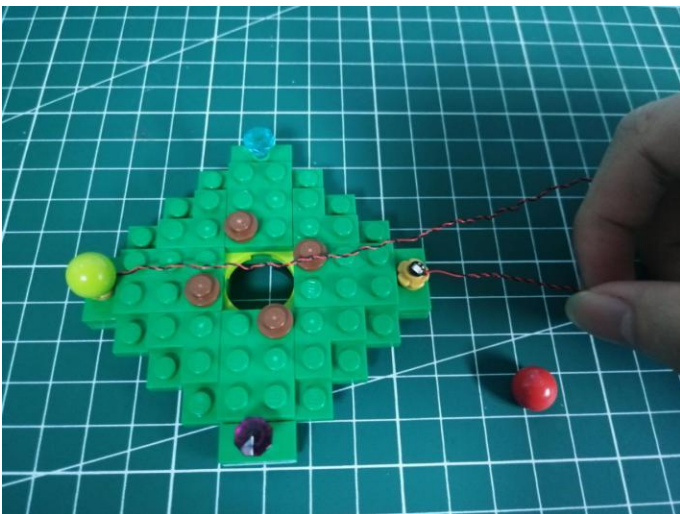
73. Disconnect the red ball from the leaf.



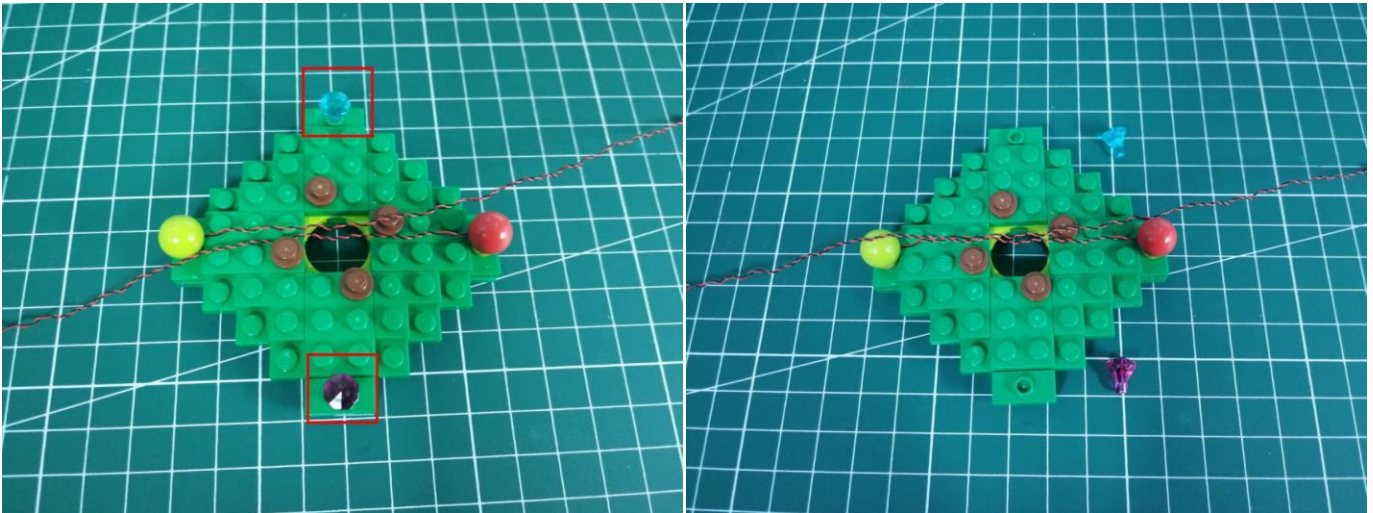
74. Take a red 15cm dot light.



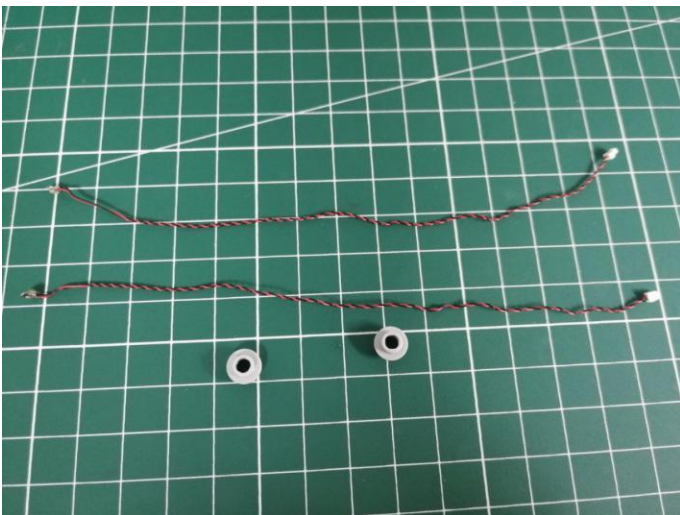
75. With lighting part facing up, reconnect the red ball.



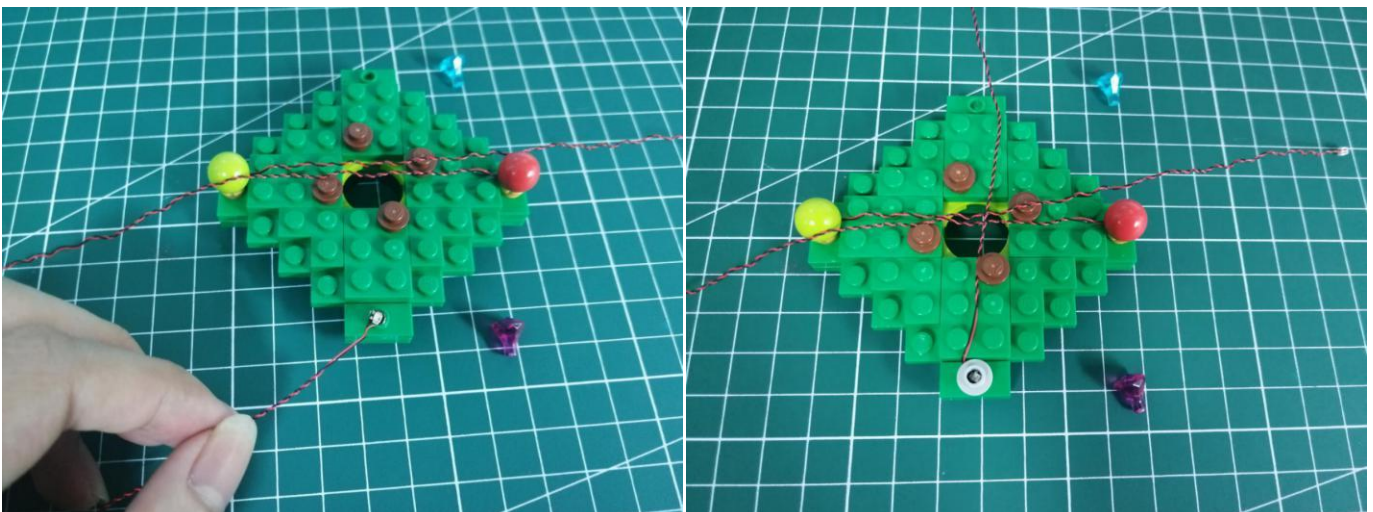
76. Disconnect the 2 crystals from the leaf.



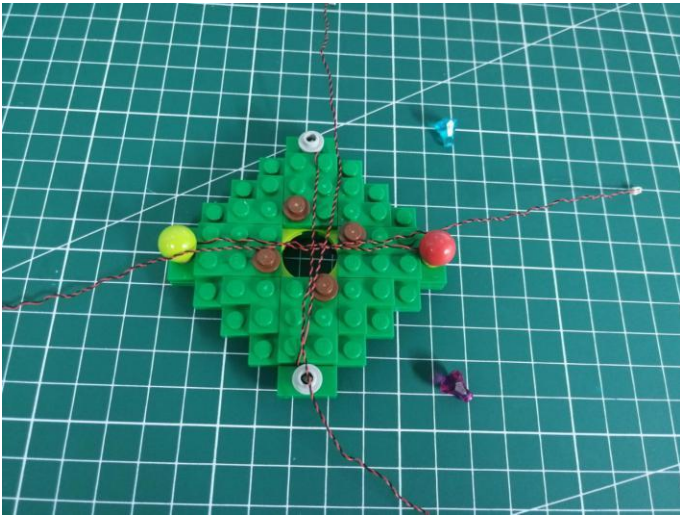
77. Take 2 Multi Colour 15cm Flashing Lights, 2 gray 1x1 round plates.



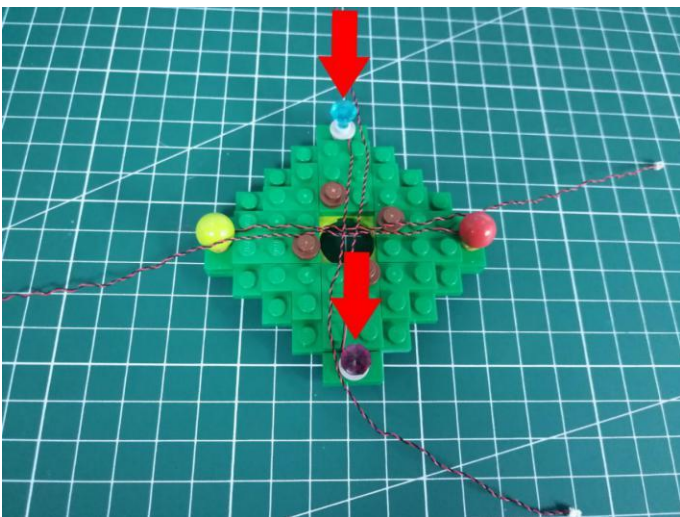
78. With lighting part facing up, connect the gray round plate with hole over.



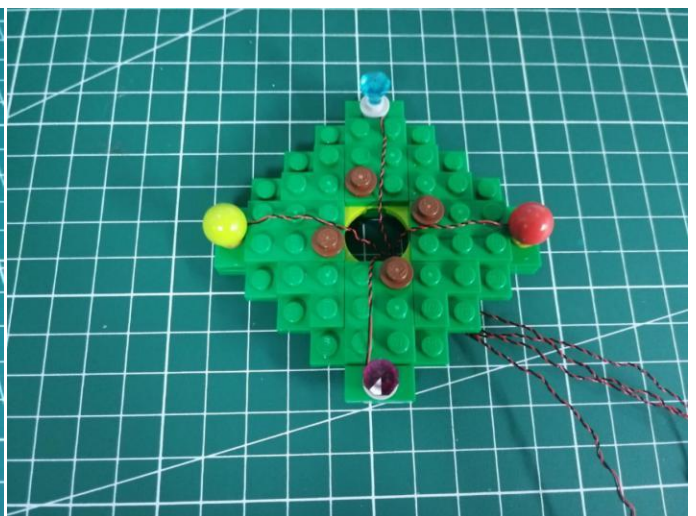
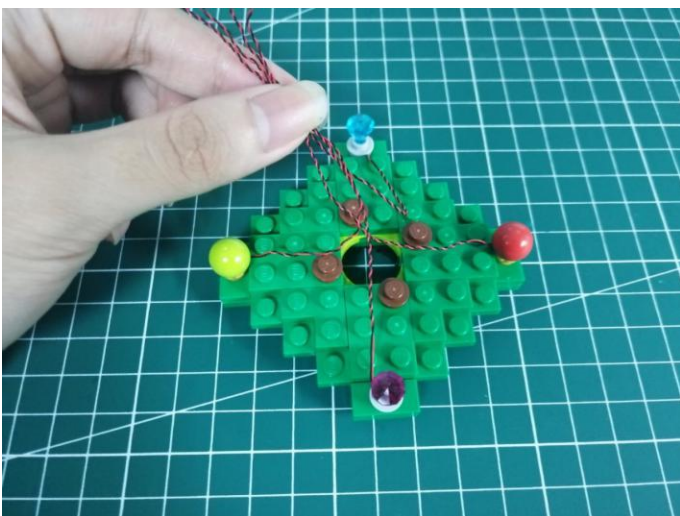
79.Install the other light in the same way.



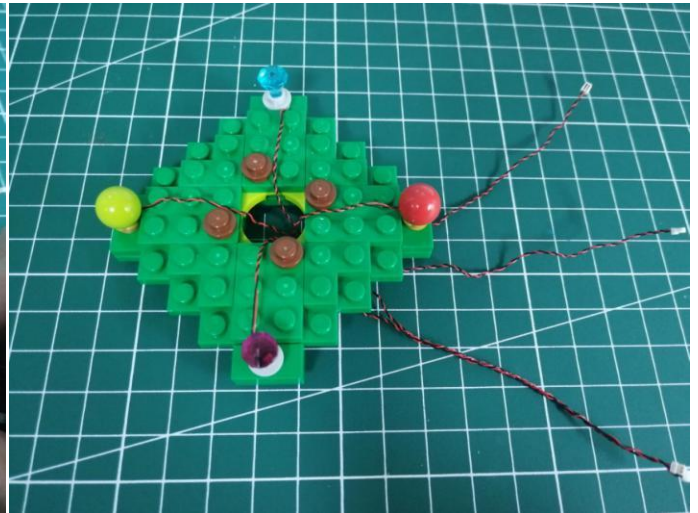
80.Reconnect the 2 crystals.



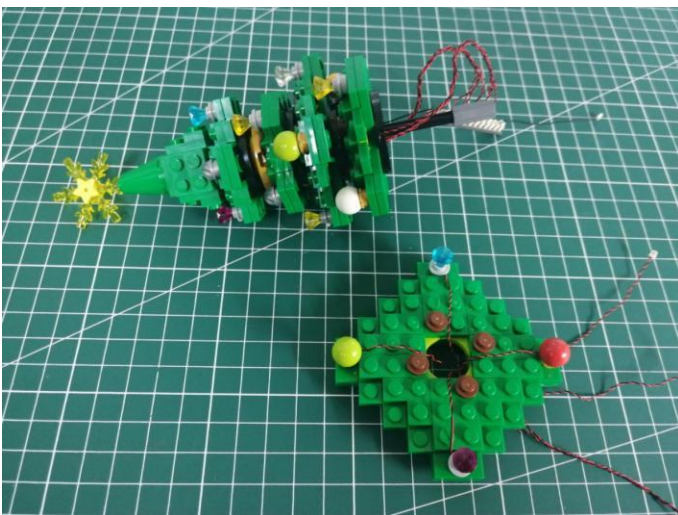
81.Place the 4 cables inside the hole as per below.



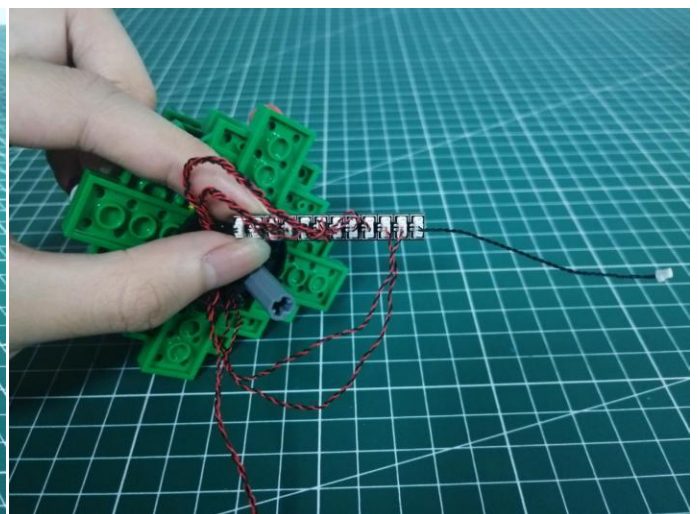
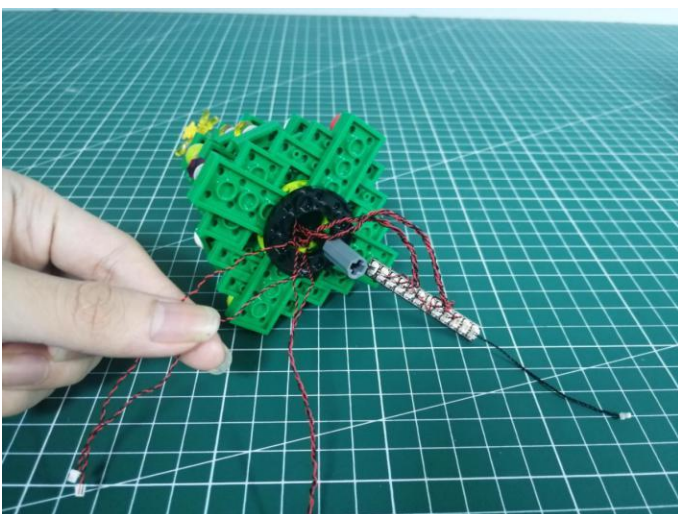
82.Group any 2 cables together.



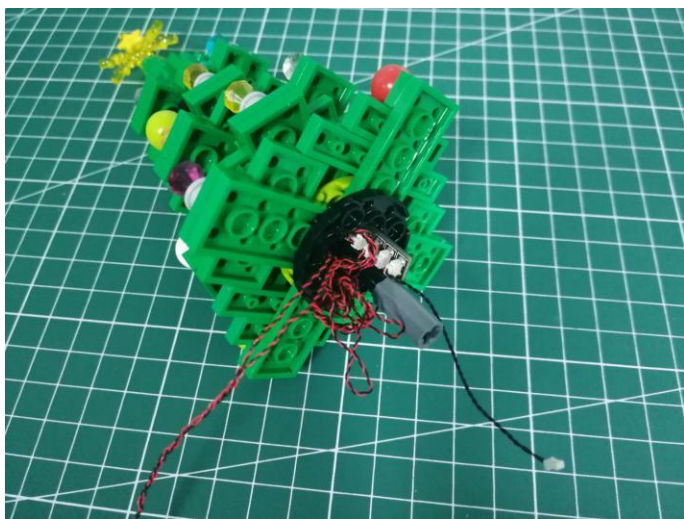
83.Connect the part 6 to the spindle as per below.



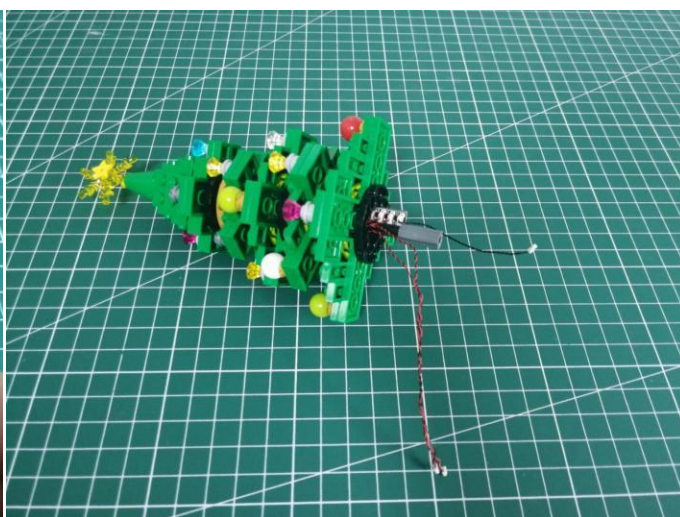
84.Connect the following 2 cables to the expansion board.



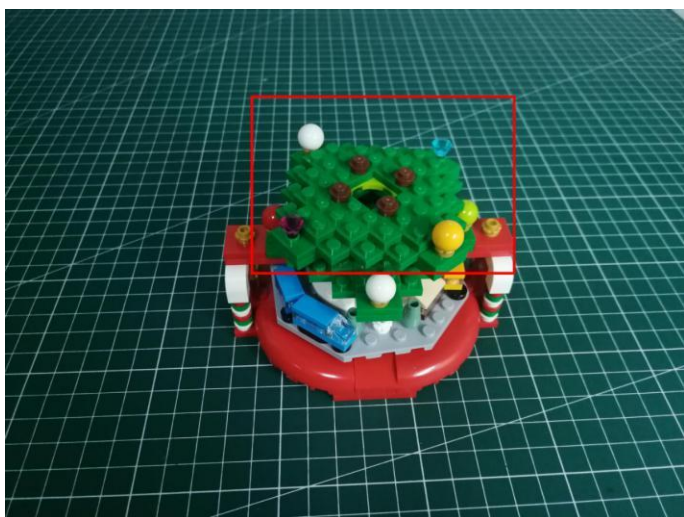
85.Tuck the expansion board and the cables inside the hole as per below.



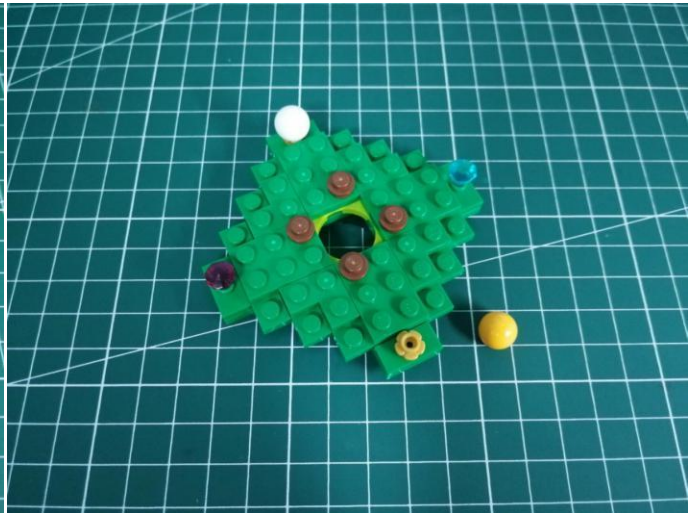
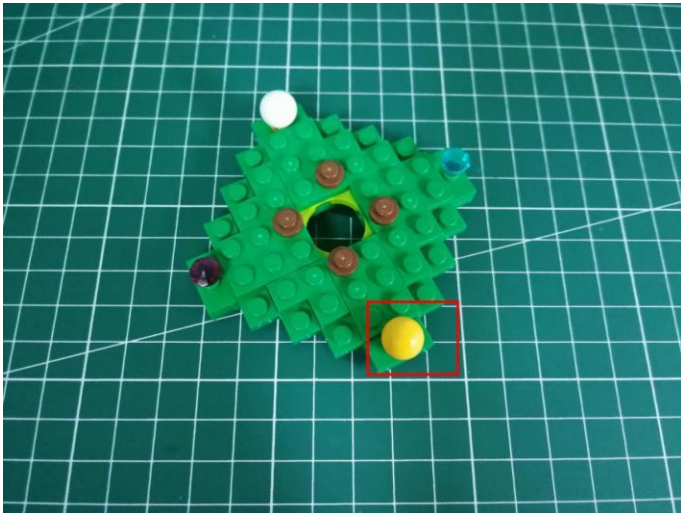
86.Tuck them with the tweezers as per below.



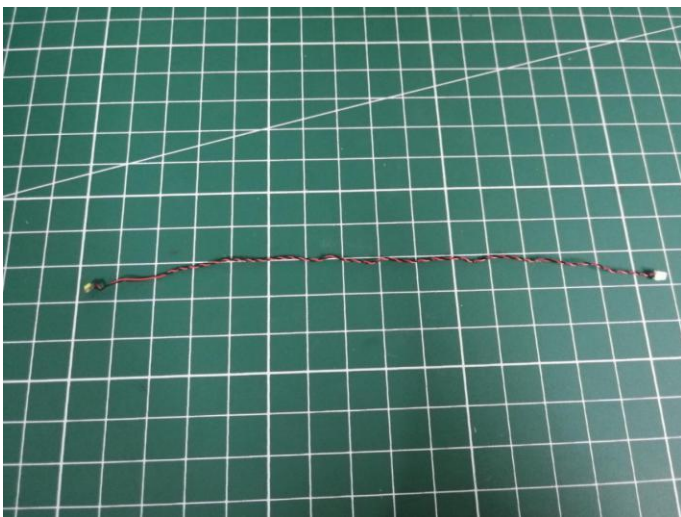
87.Remove the 7 part of the Christmas tree as per below.



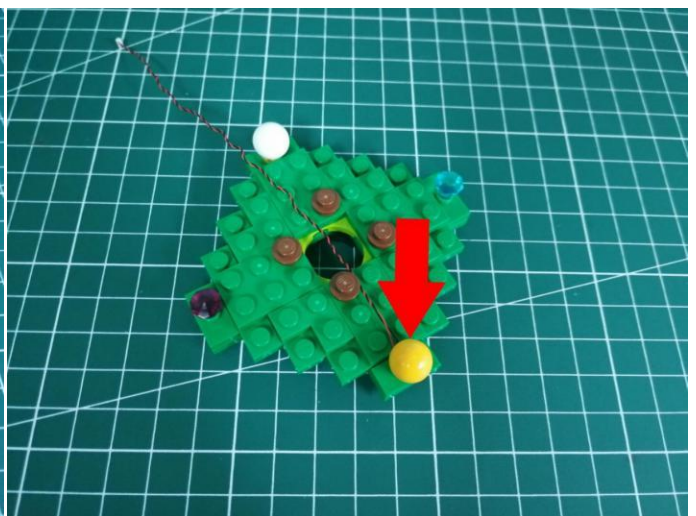
88. Disconnect the yellow ball from the leaf.



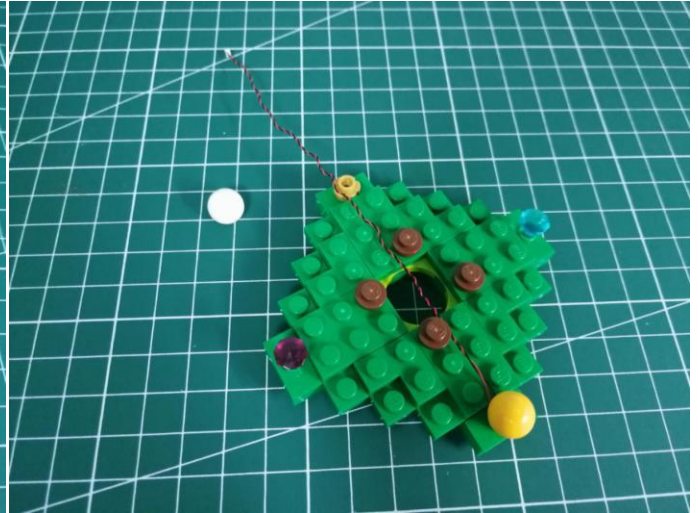
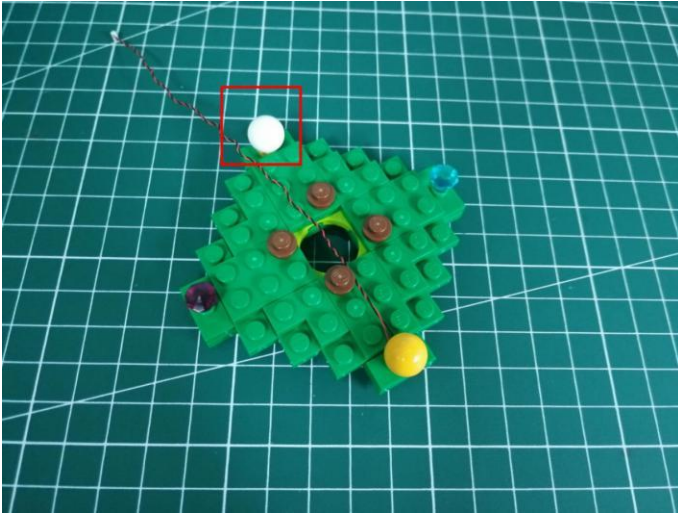
89. Take a yellow 15cm dot light.



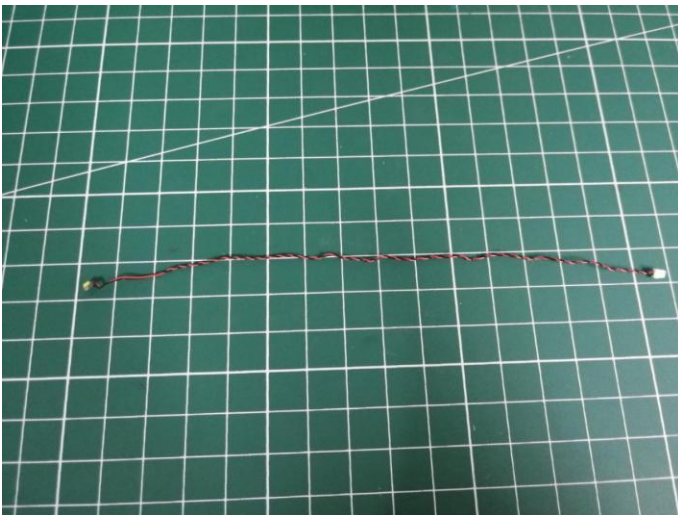
90. With lighting part facing up, reconnect the yellow ball.



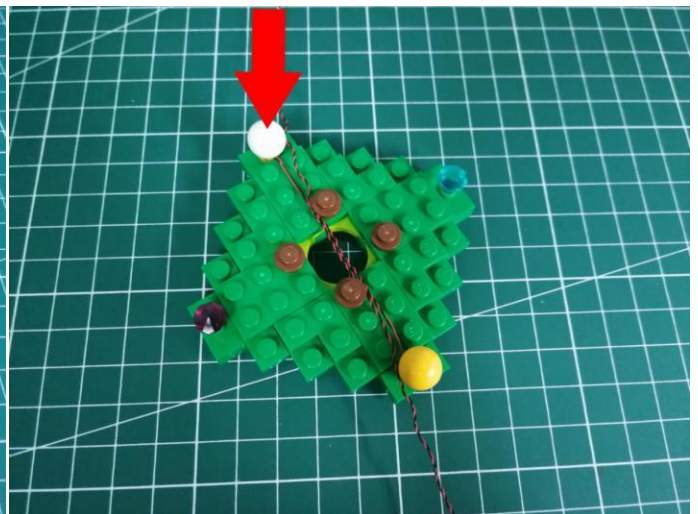
91. Disconnect the white ball from the leaf.



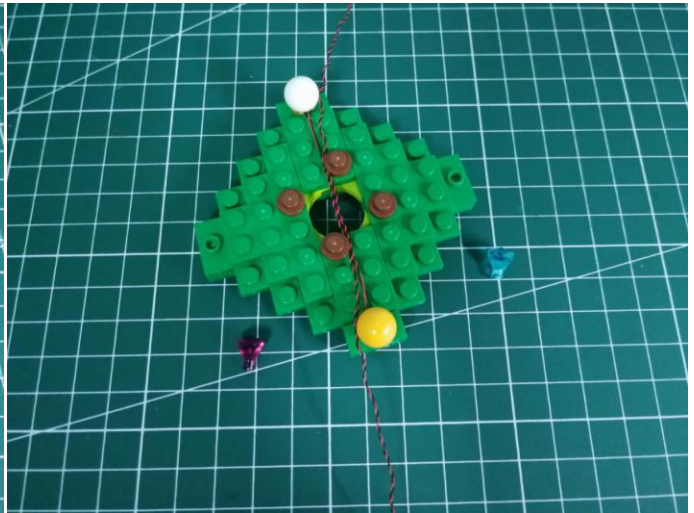
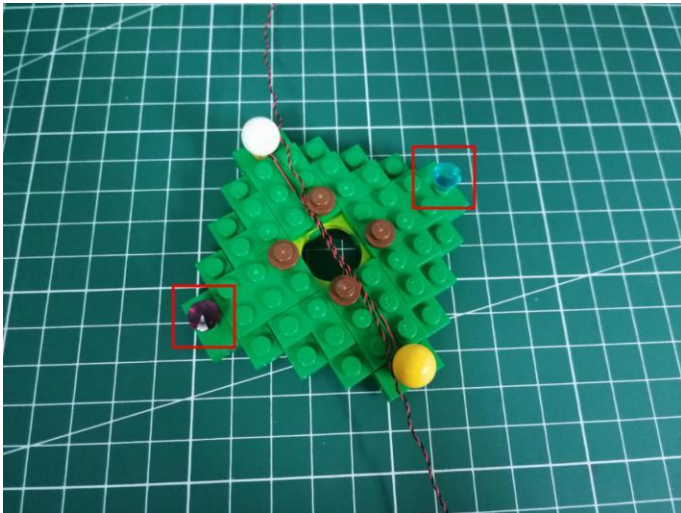
92. Take a white 15cm dot light.



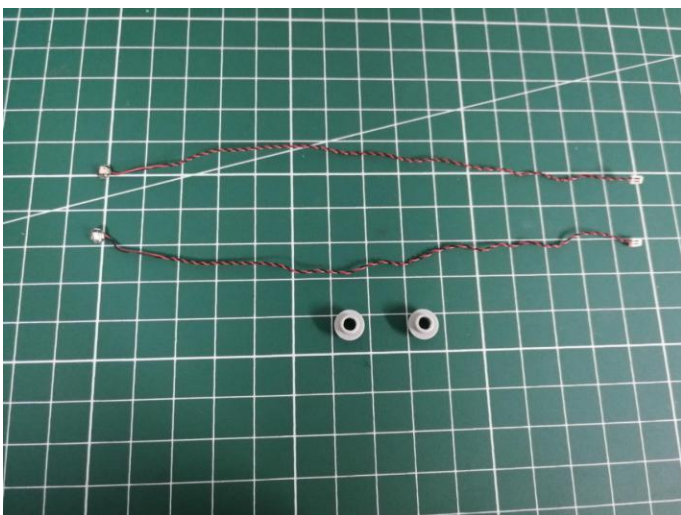
93. With lighting part facing up, reconnect the white ball.



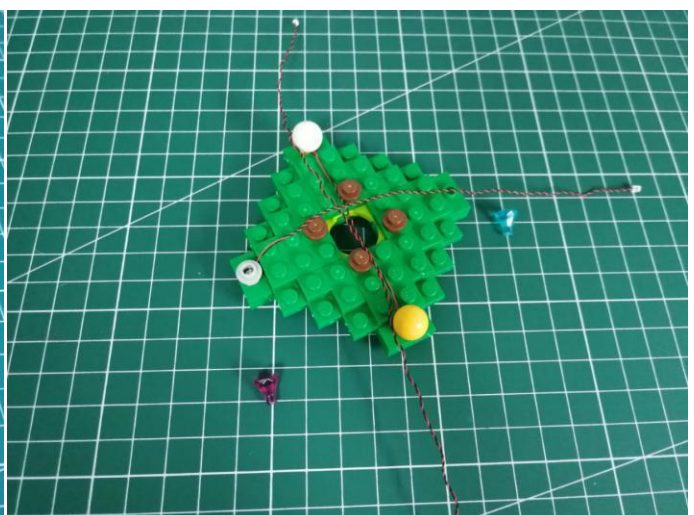
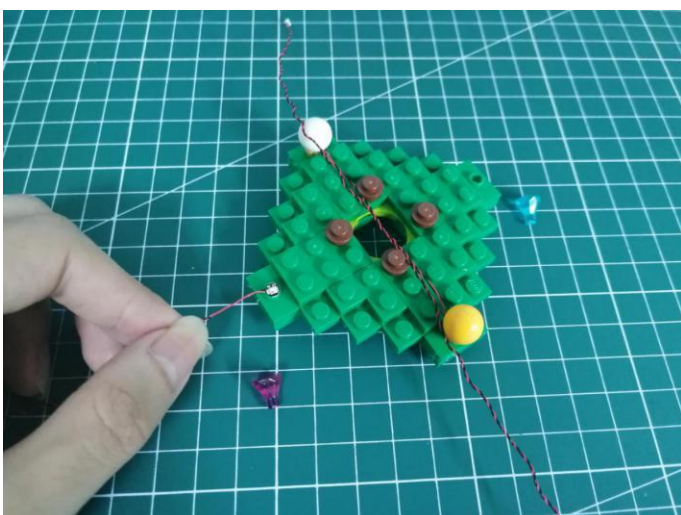
94. Disconnect the 2 crystals from the leaf.



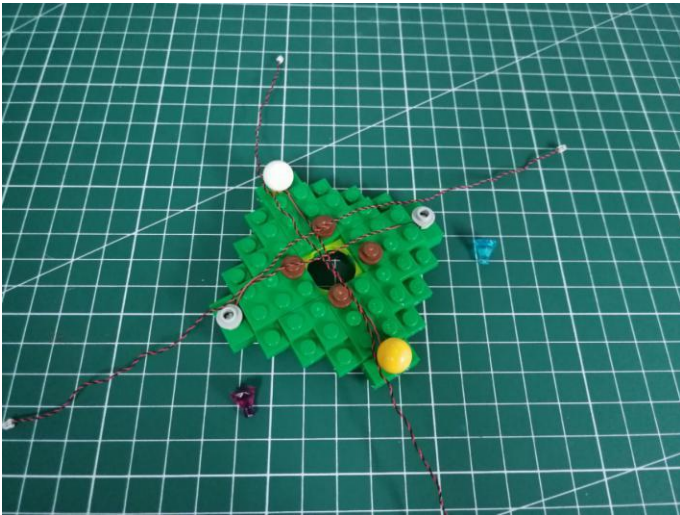
95. Take 2 Multi Colour 15cm Flashing Lights, 2 gray 1x1 round plates.



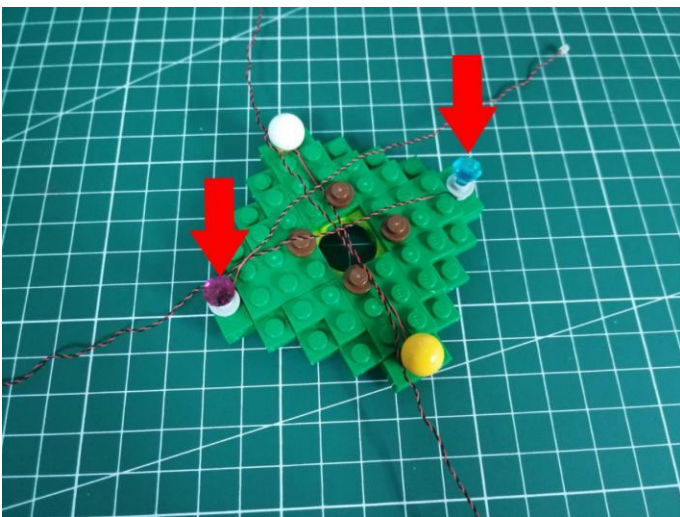
96. With lighting part facing up, connect the gray round plate with hole over.



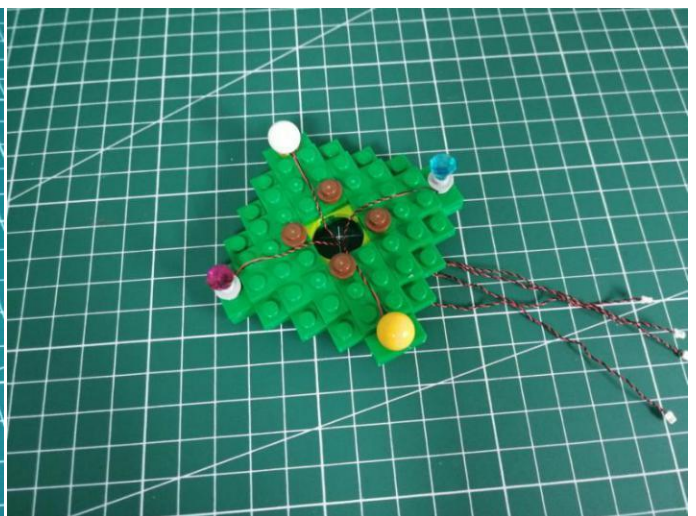
97.Install the other light in the same way.



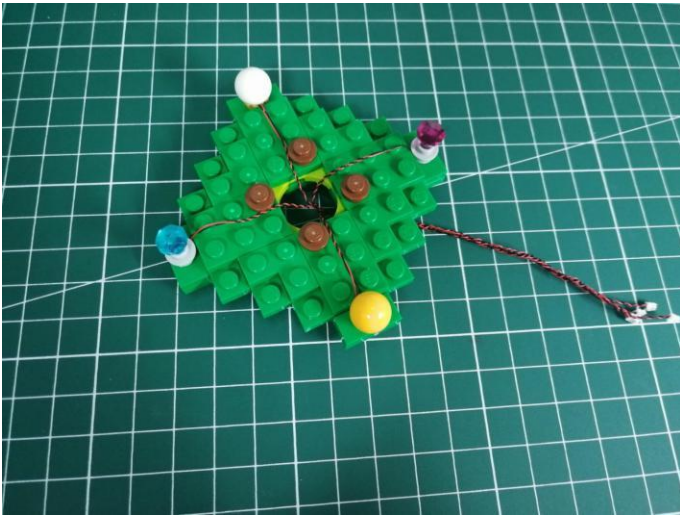
98.Reconnect the 2 crystals.



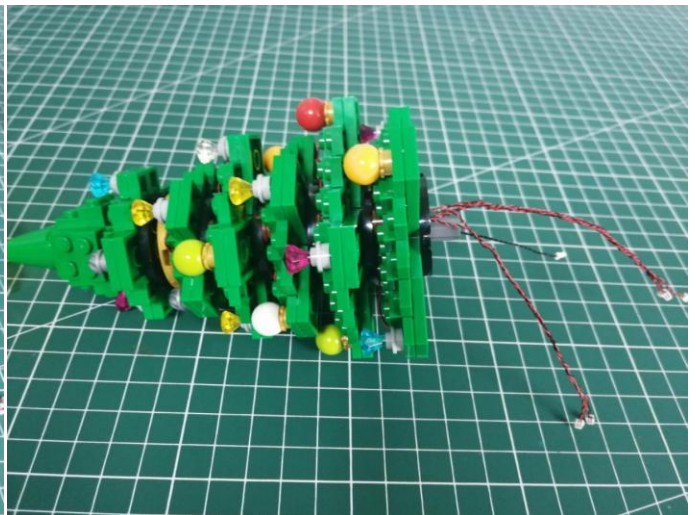
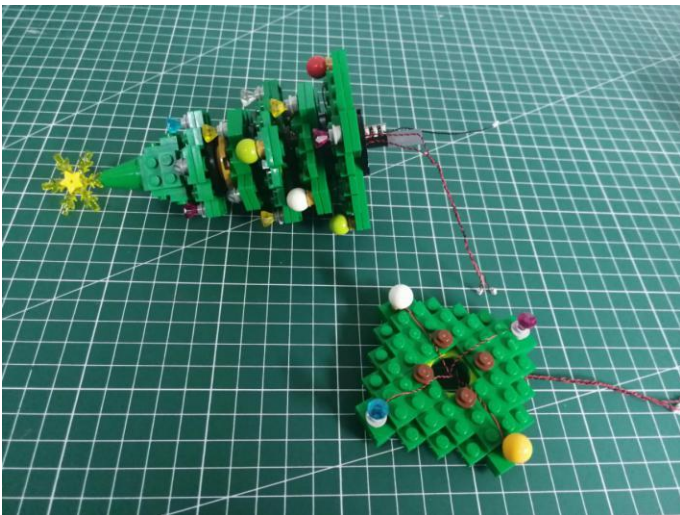
99.Thread the 4 cables inside the hole as per below.



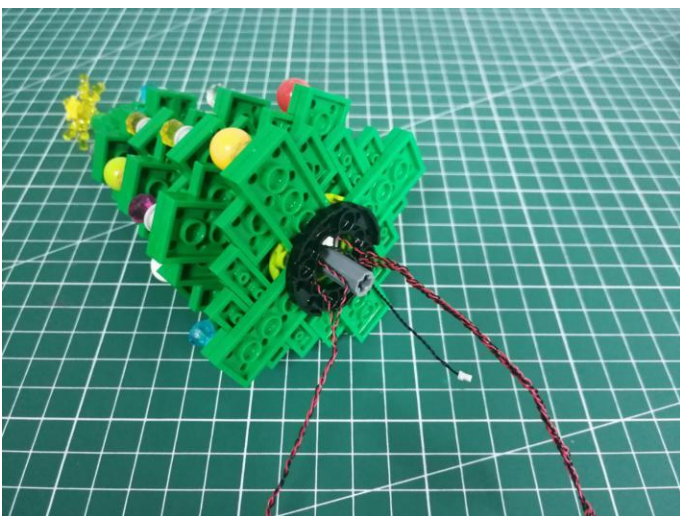
100. Group the 4 cables together as per below.



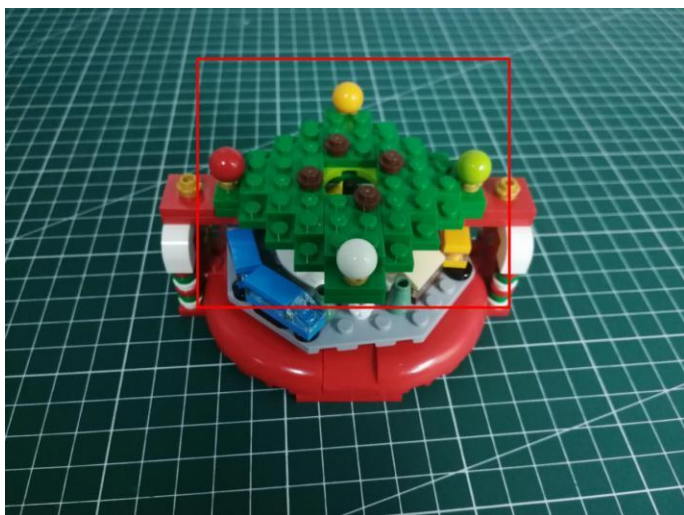
101. Connect the part 7 to the spindle as per below.



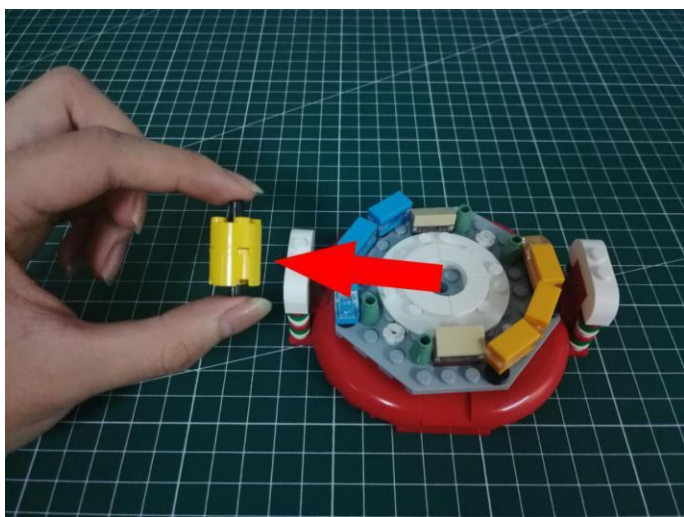
102



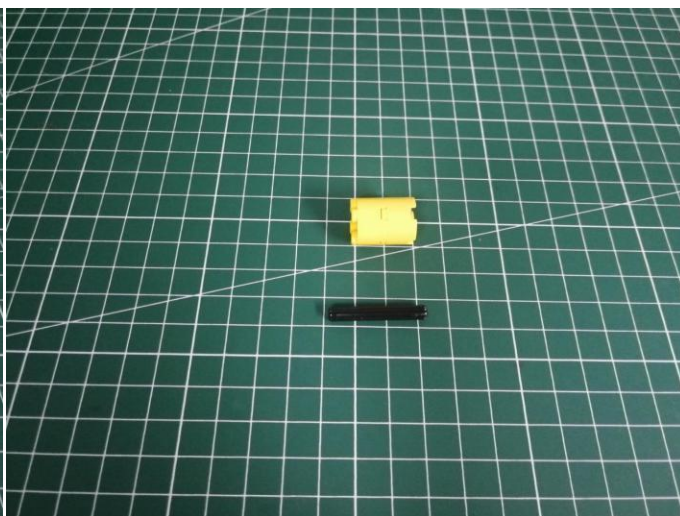
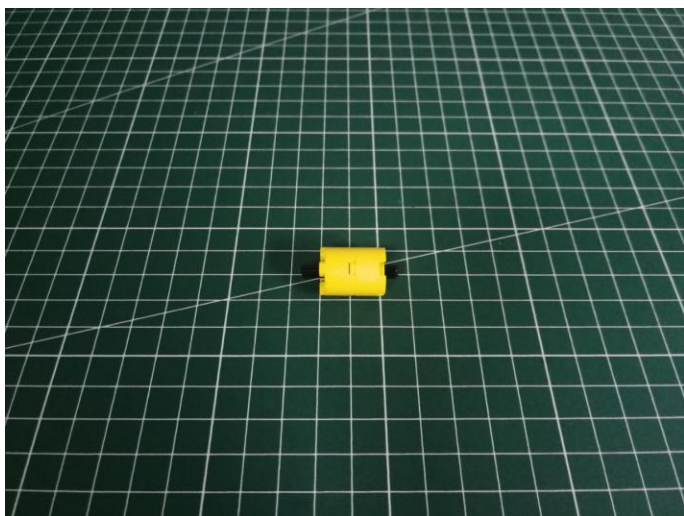
103. Remove the 8 part of the Christmas tree as per below.



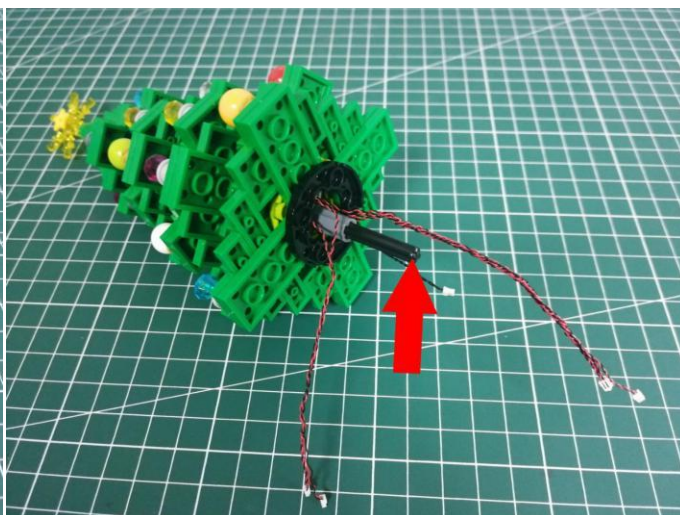
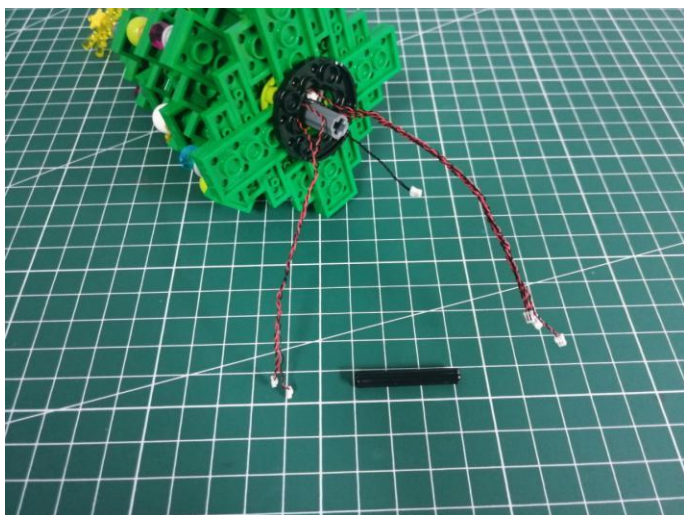
104. Remove the following yellow piece from the base.



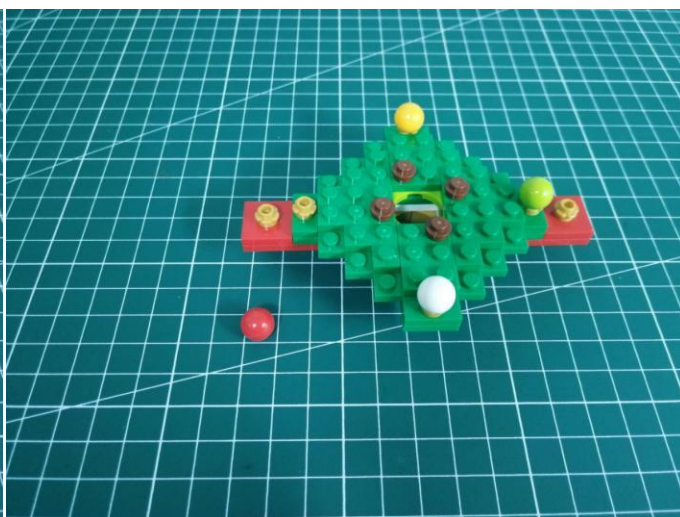
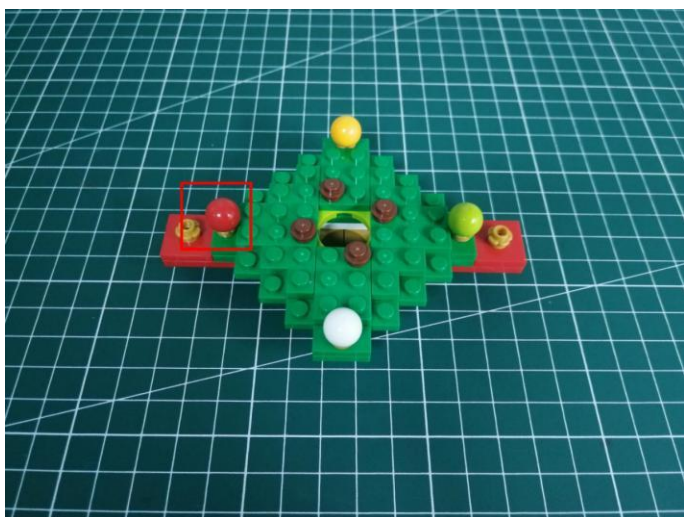
105. Remove the bolt inside the yellow piece.



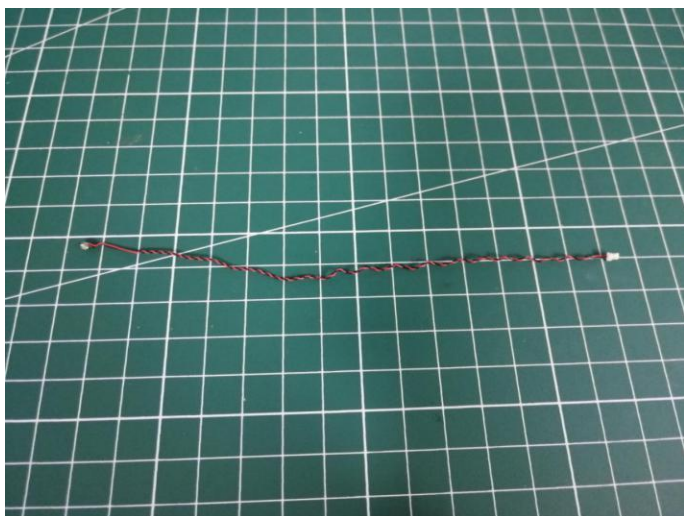
106. Connect the bolt to the tree as per below.



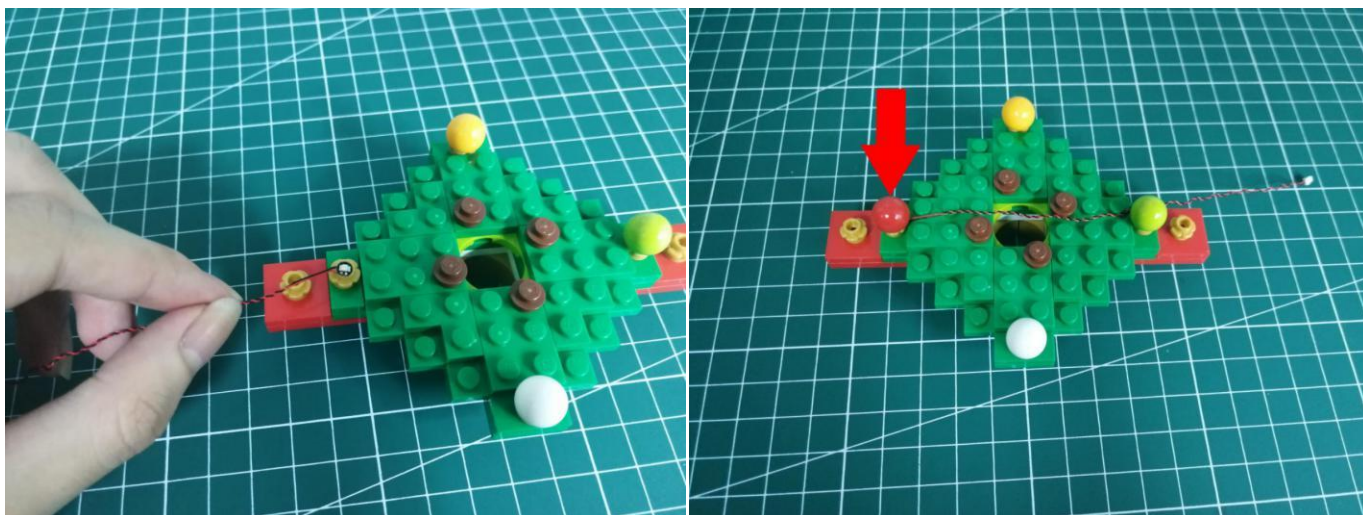
107. Disconnect the red ball from the leaf.



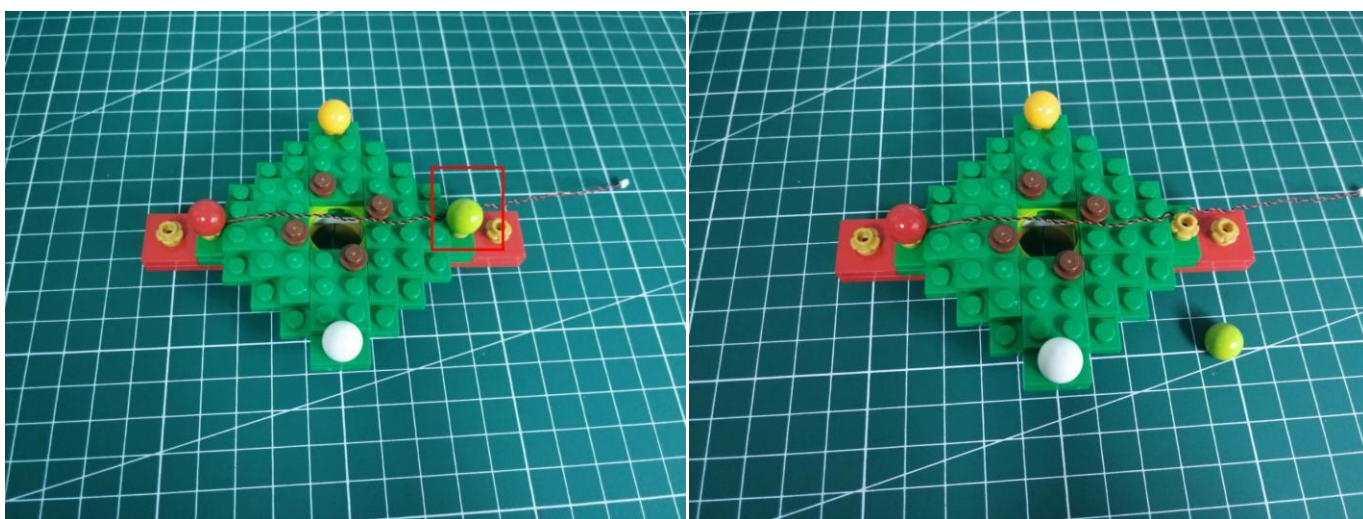
108. Take a red 15cm dot light.



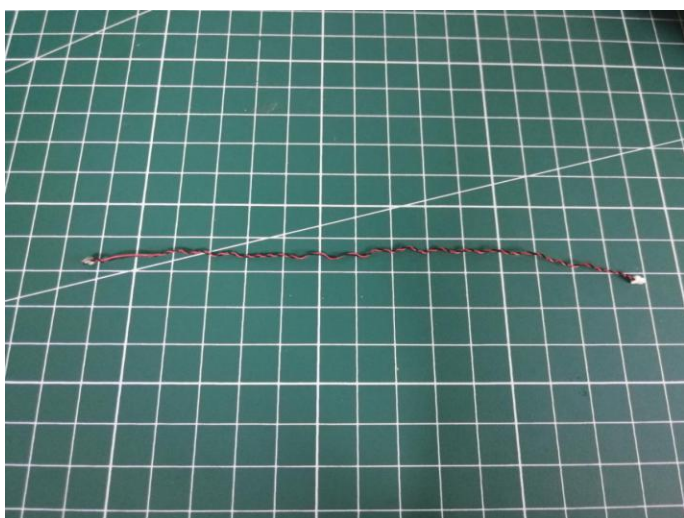
109.With lighting part facing up, reconnect the red ball.



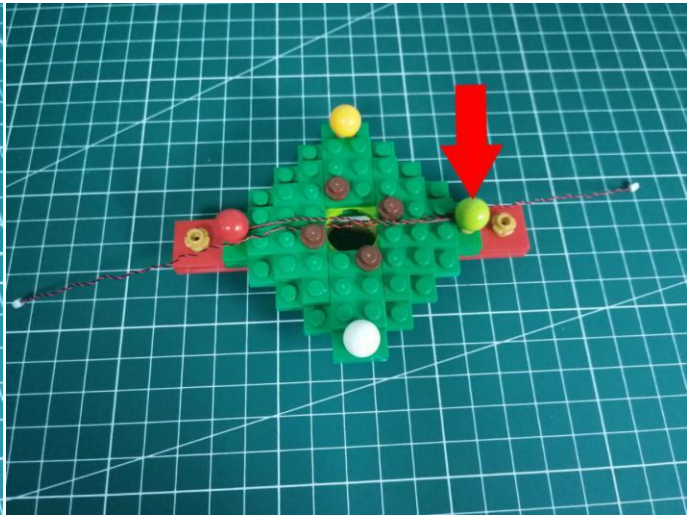
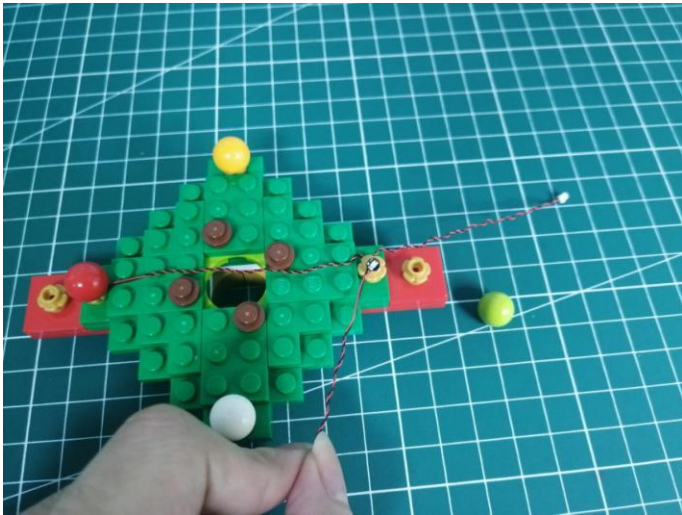
110.Disconnect the green ball from the leaf.



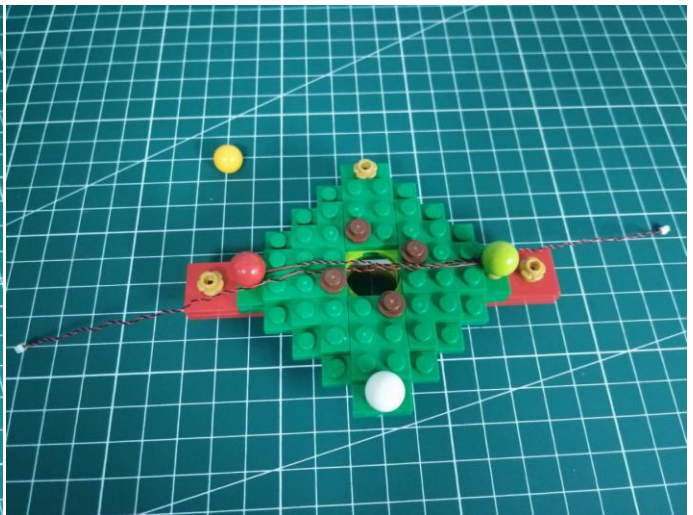
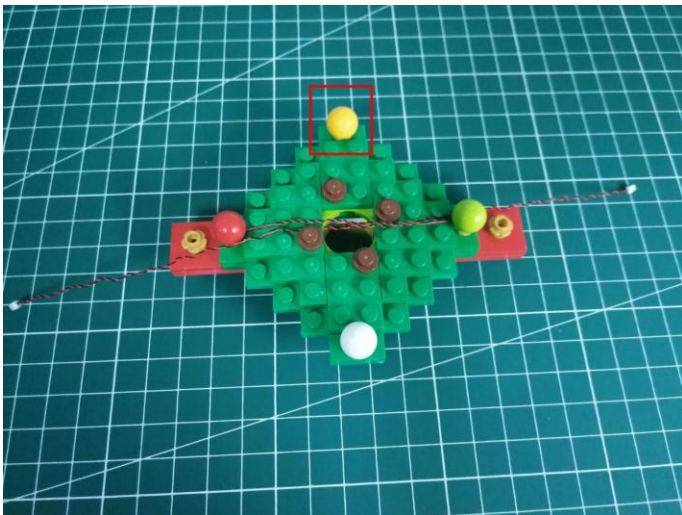
111.Take a green 15cm dot light.



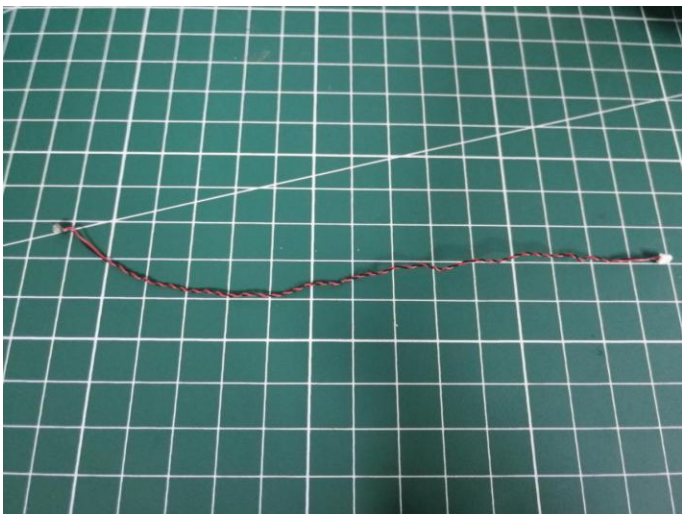
112.With lighting part facing up, reconnect the green ball.



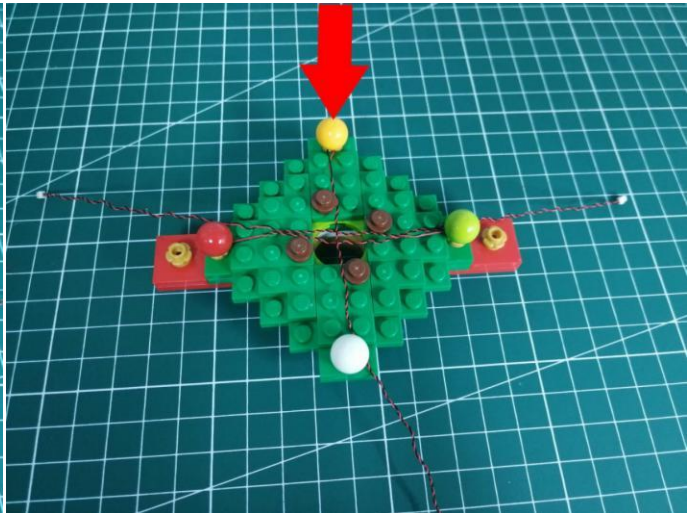
113.Disconnect the yellow ball from the leaf.



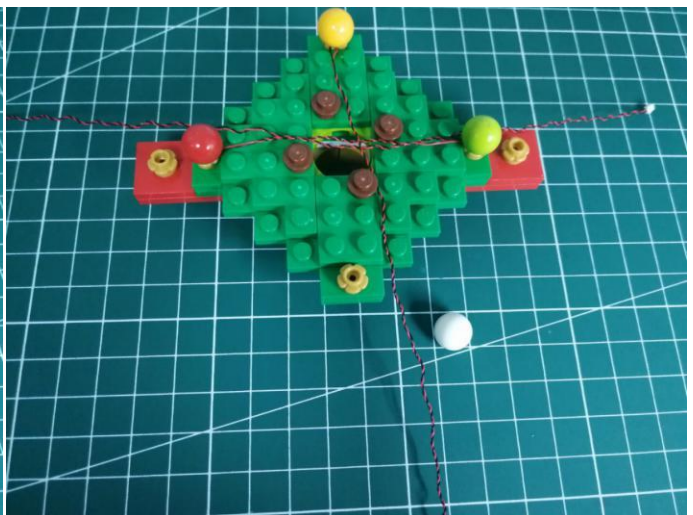
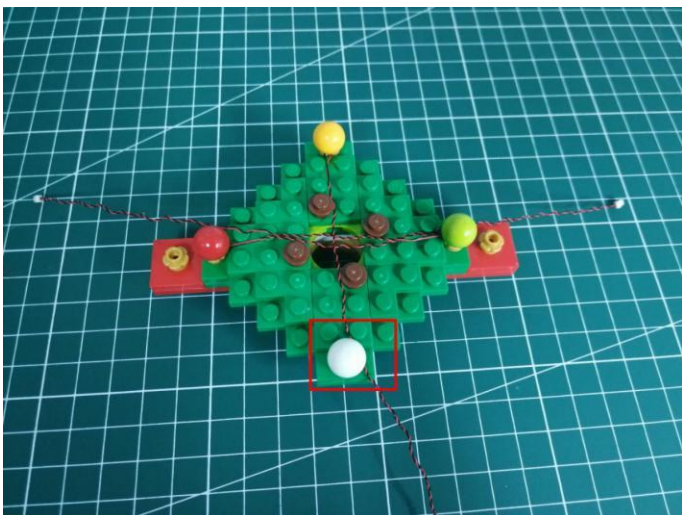
114.Take a yellow 15cm dot light.



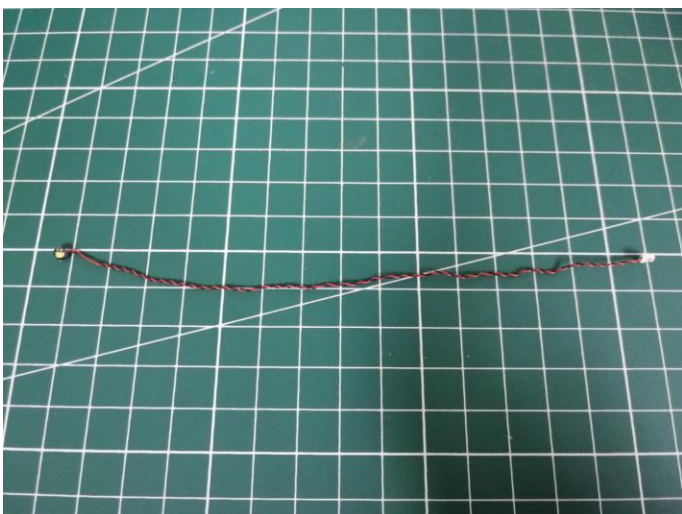
115.With lighting part facing up, reconnect the yellow ball.



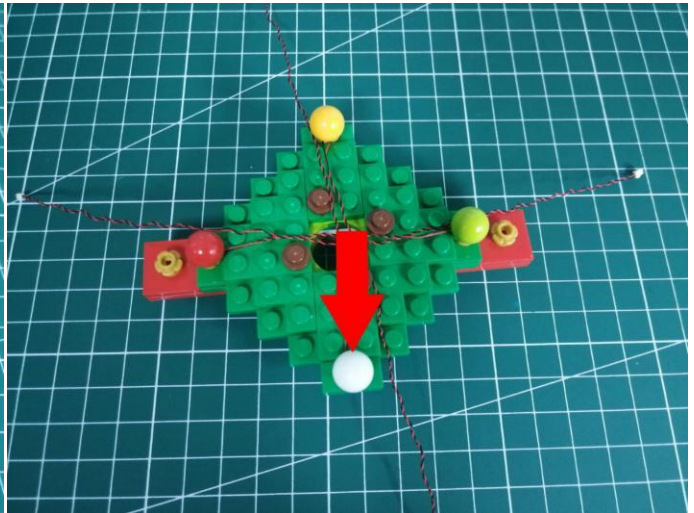
116.Disconnect the white ball from the leaf.



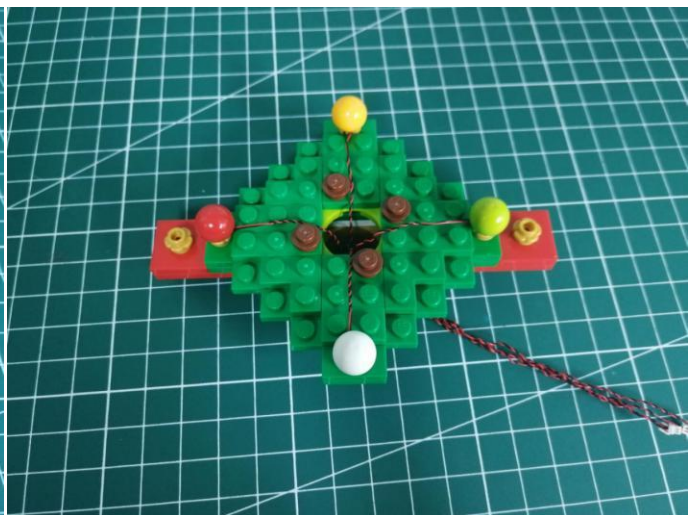
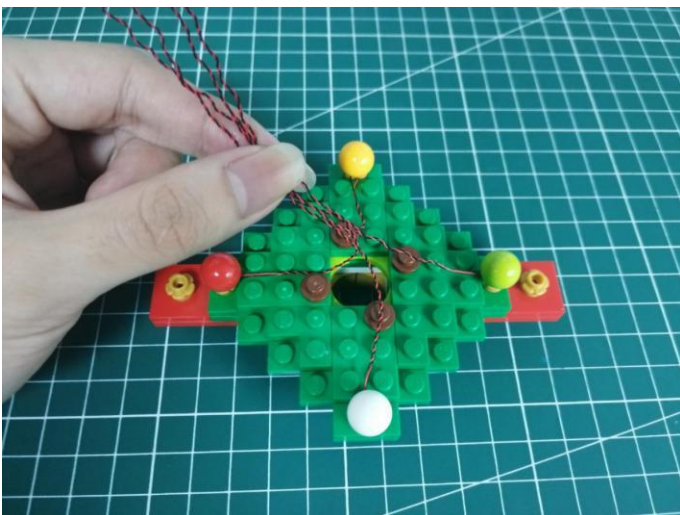
117.Take a white 15cm dot light.



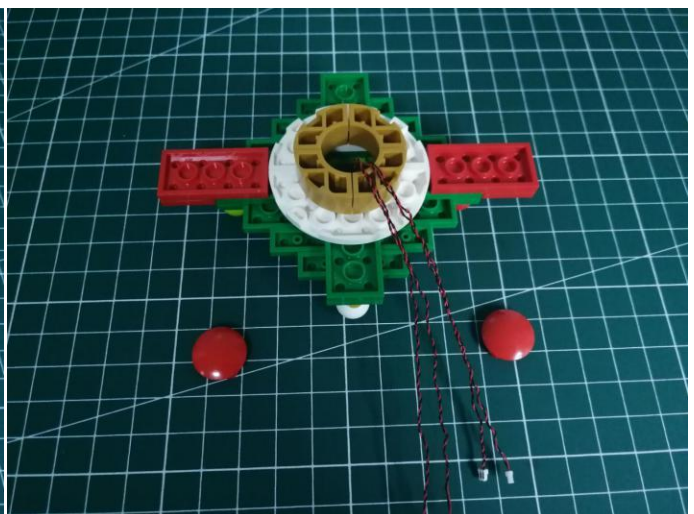
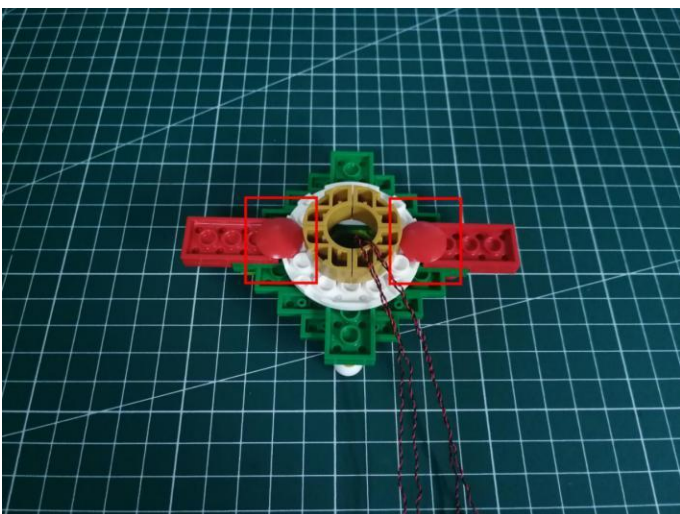
118.With lighting part facing up, reconnect the white ball.



119.Thread the 4 cables inside the hole as per below.



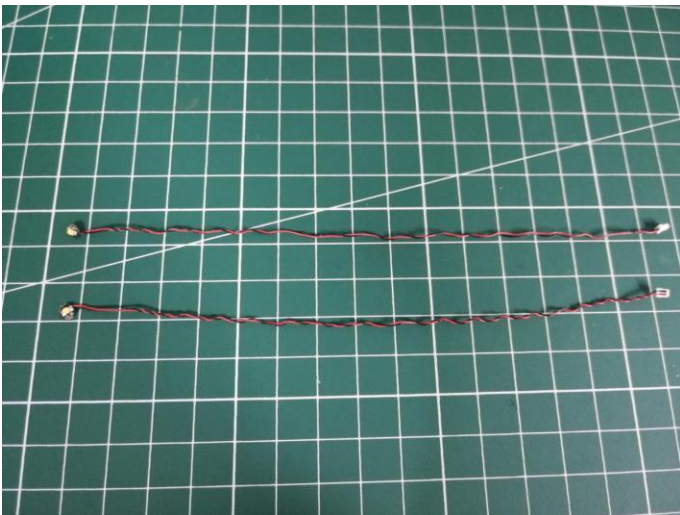
120.Turn to the back, remove the following red round plate.



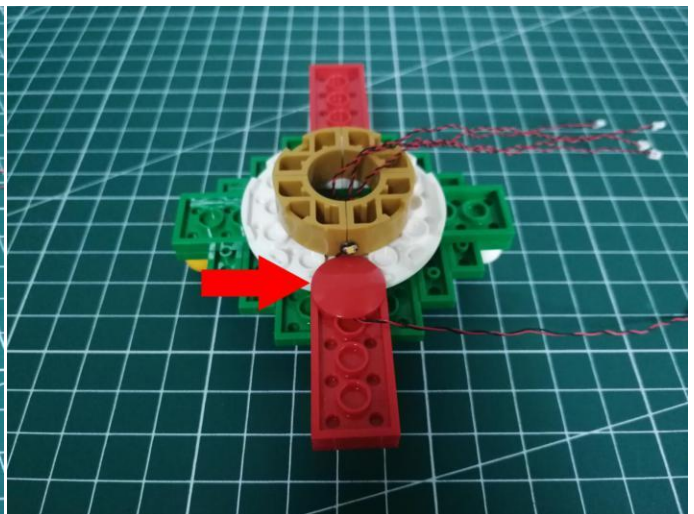
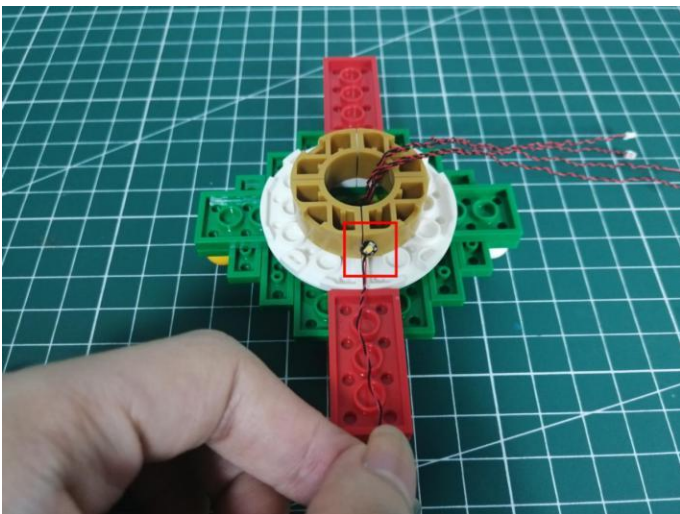
121. Turn to the following place.



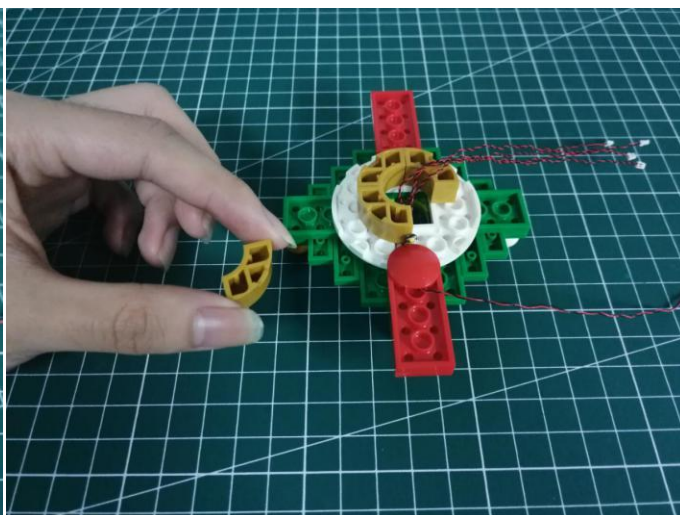
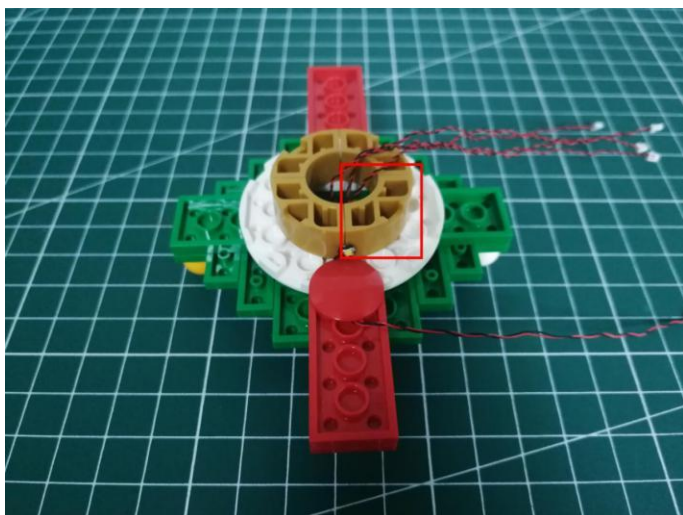
122. Take 2 warm white dot lights.



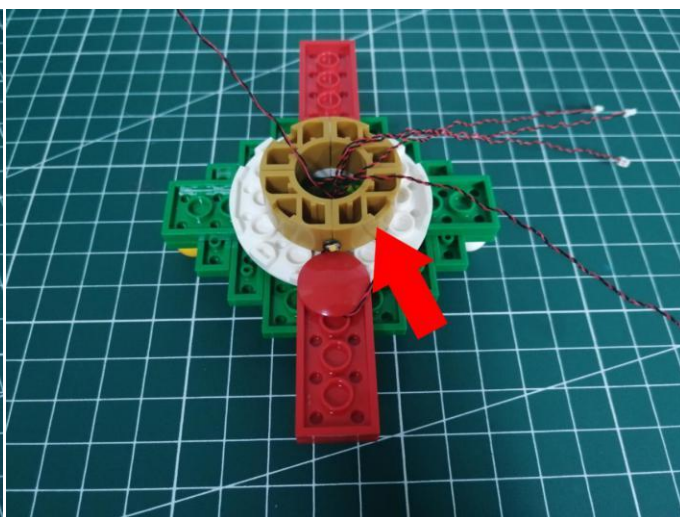
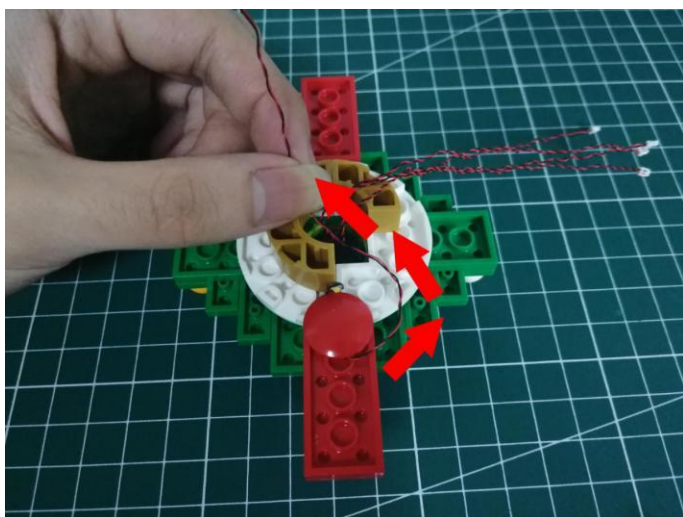
123. Place the light as per below, reconnect the red round plate.



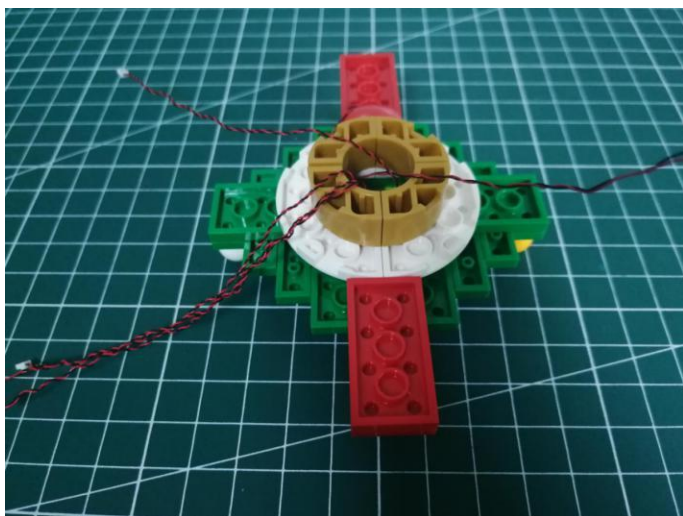
124. Remove the following yellow piece.



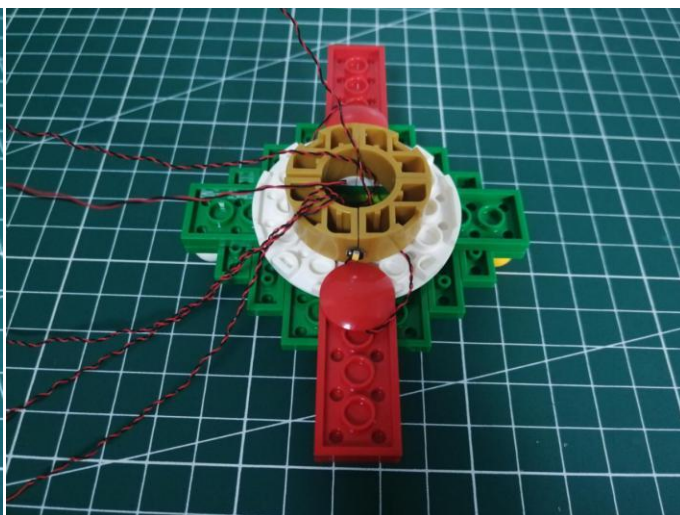
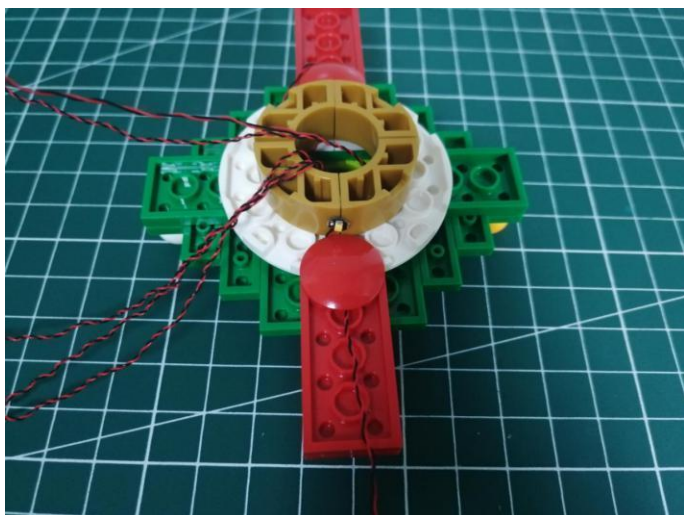
125. Place the cable as per below, reconnect the yellow piece.



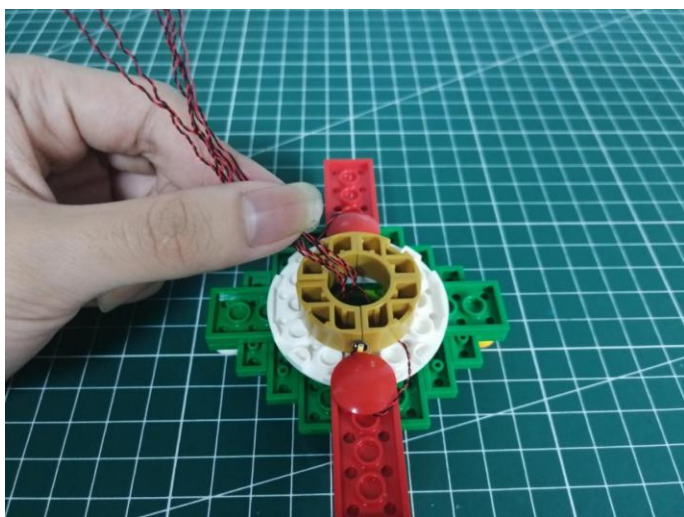
126. Turn to the other side of the tree.



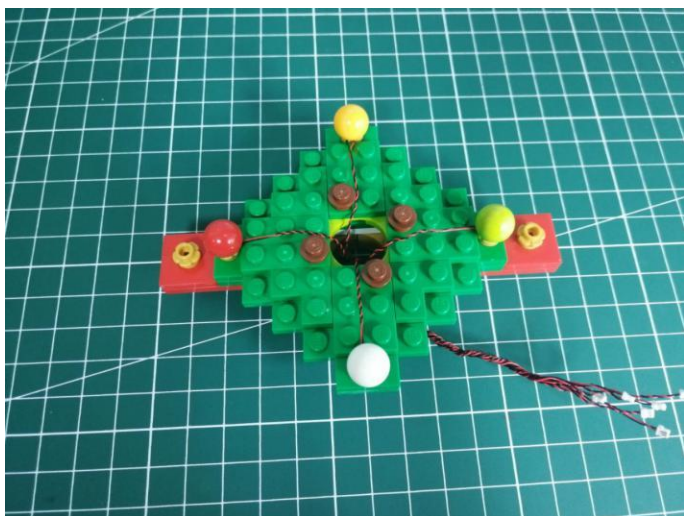
127. Install the lights in the same way.



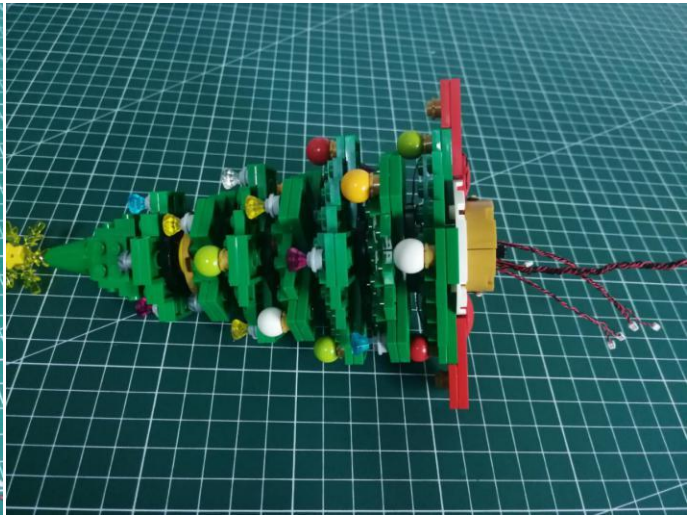
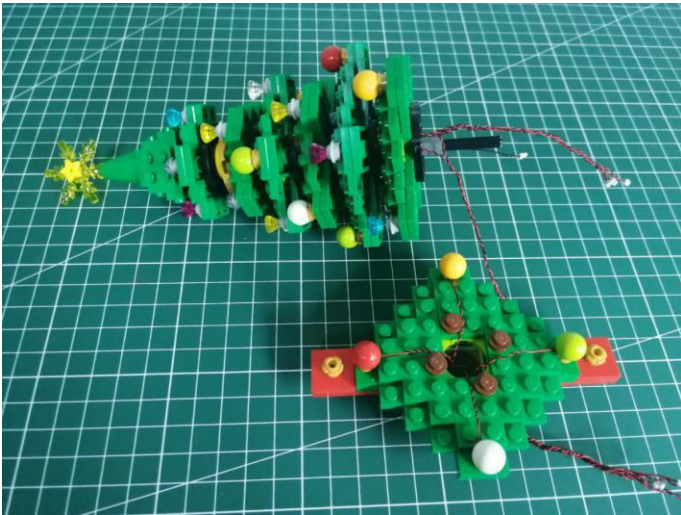
128. Group the 6 cables together as per below.



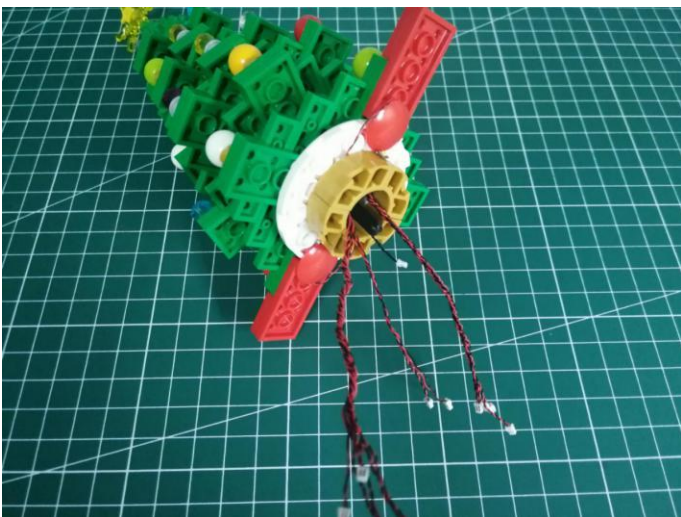
129. Turn to the front.



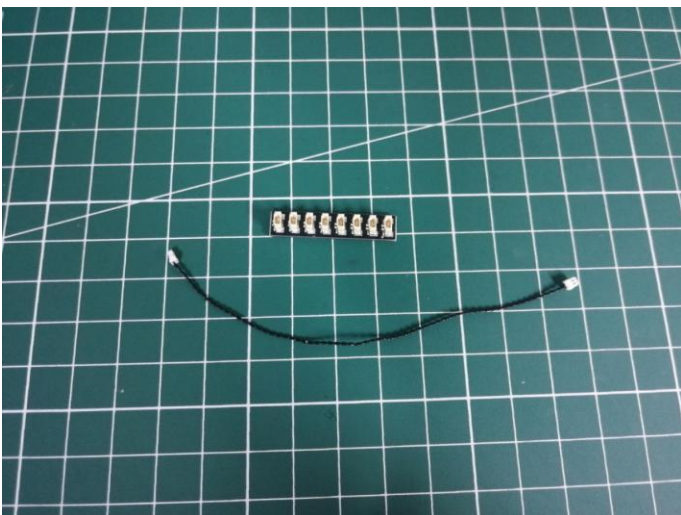
130. Connect the part 8 to the spindle as per below.



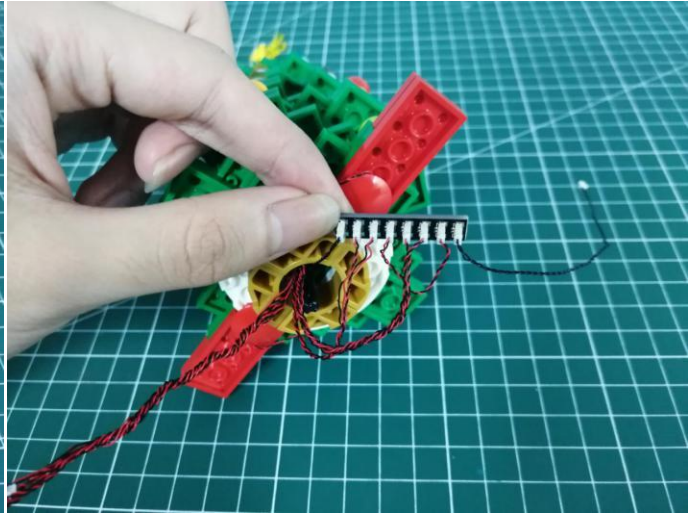
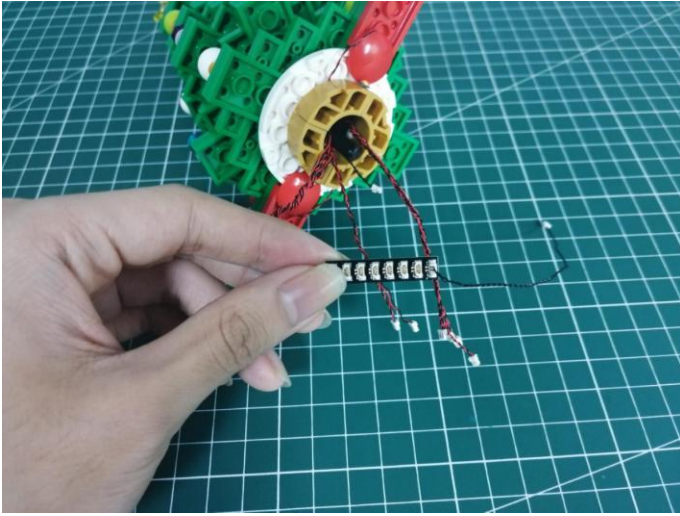
131



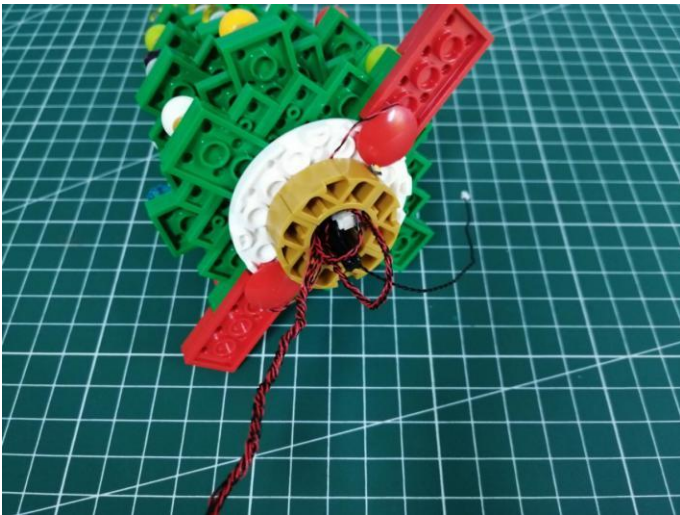
132. Take a 10cm connecting cable, an 8-port expansion board, assemble them as per below.



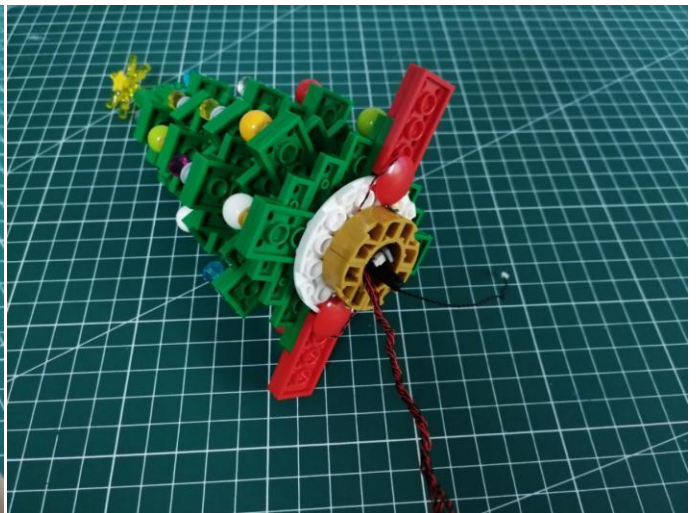
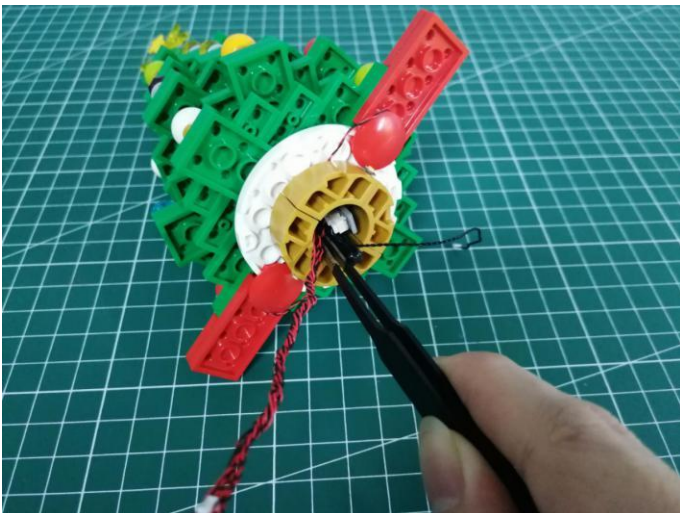
133. Connect the following connecting cable and the 6 cables to the expansion board.



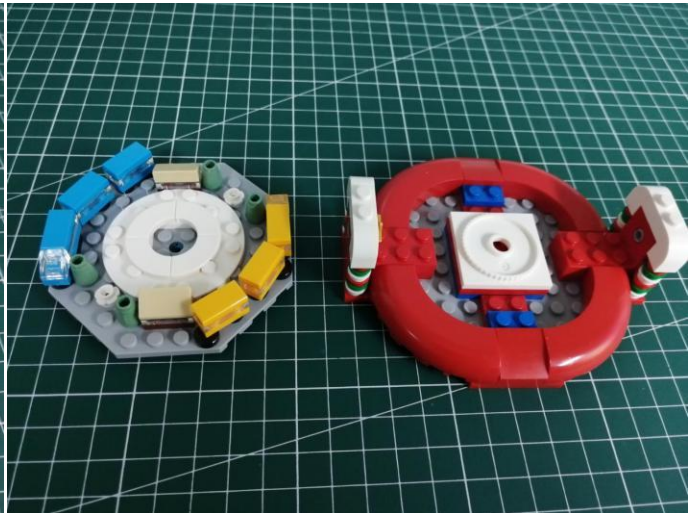
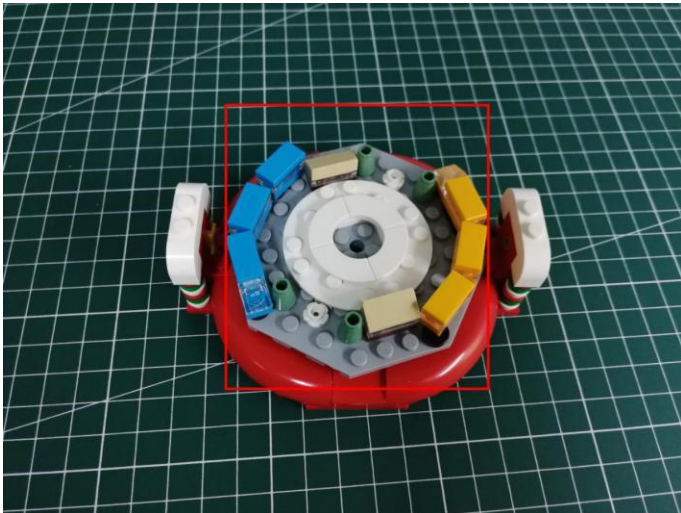
134. Tuck the expansion board and the cables inside the hole as per below.



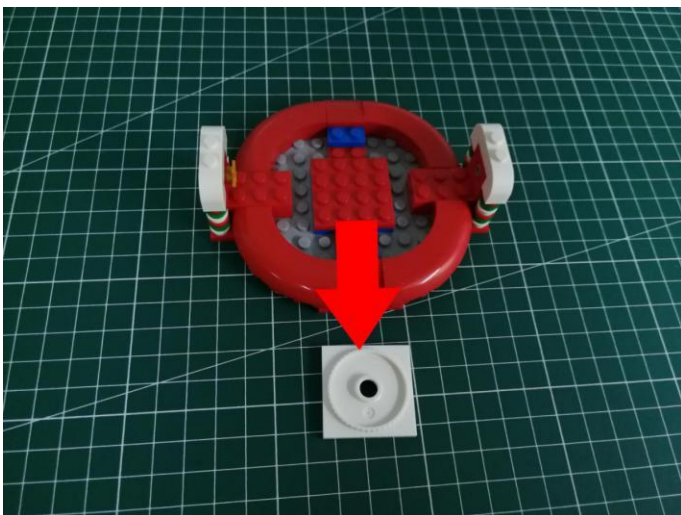
135. Tuck them with the tweezers as per below.



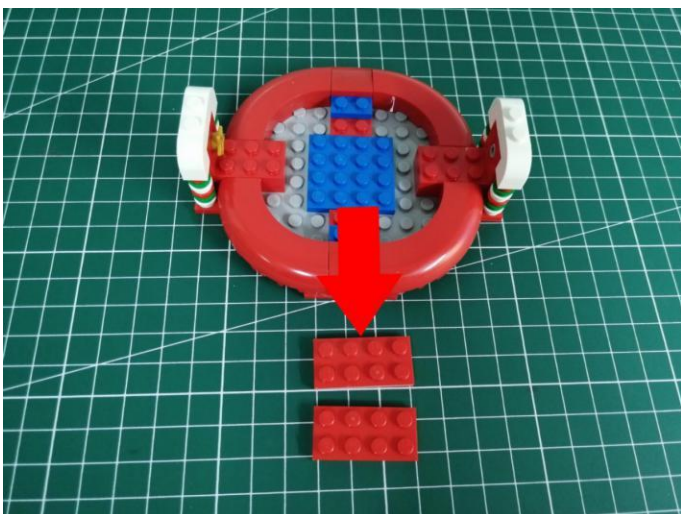
136.Remove the following piece.



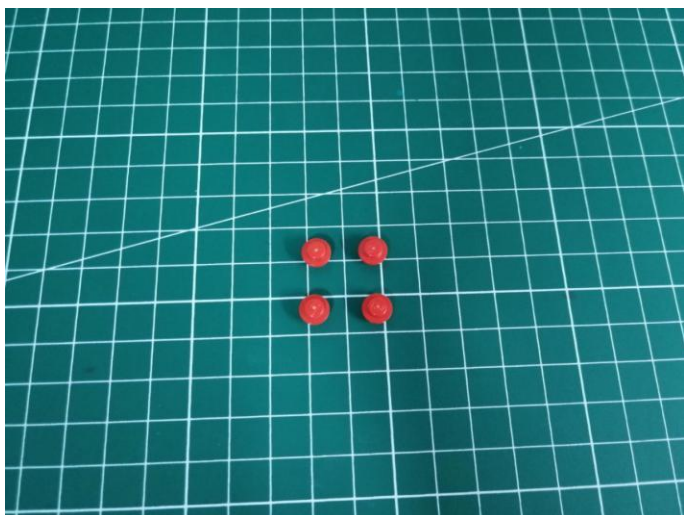
137.Remove the following white piece.



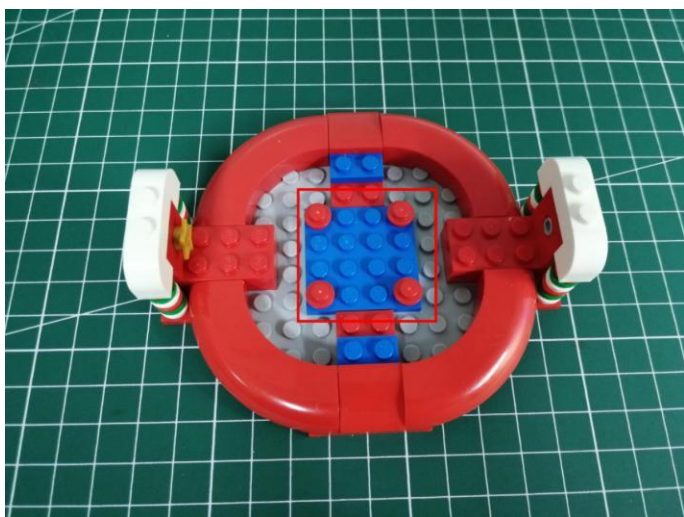
138.Remove the following 2 red pieces.



139. Take 4 red round plates.



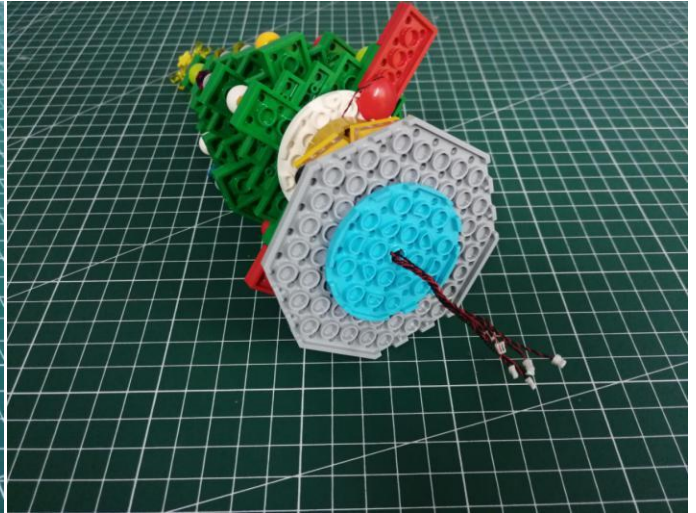
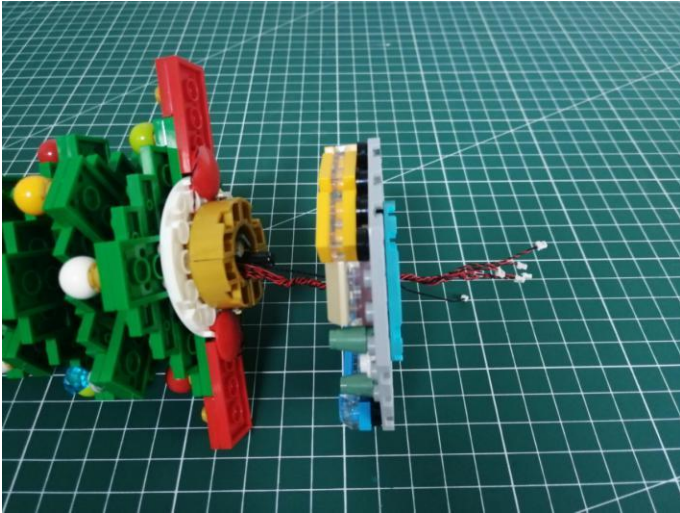
140. Connect them to the following places.



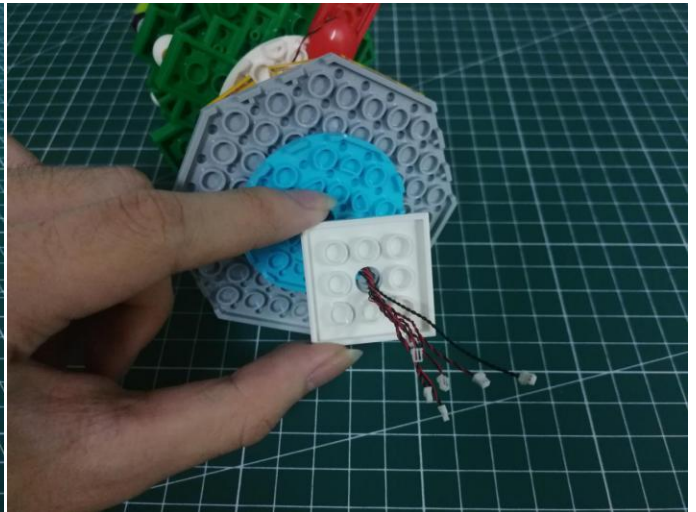
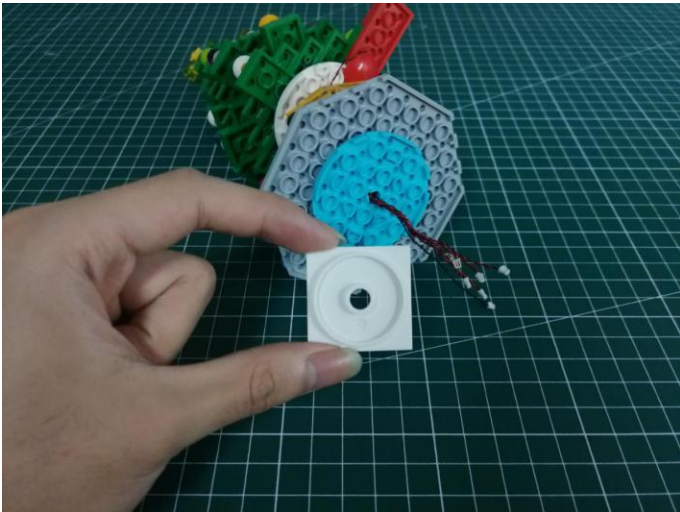
141. Thread the cables from the tree through the following piece as per below.



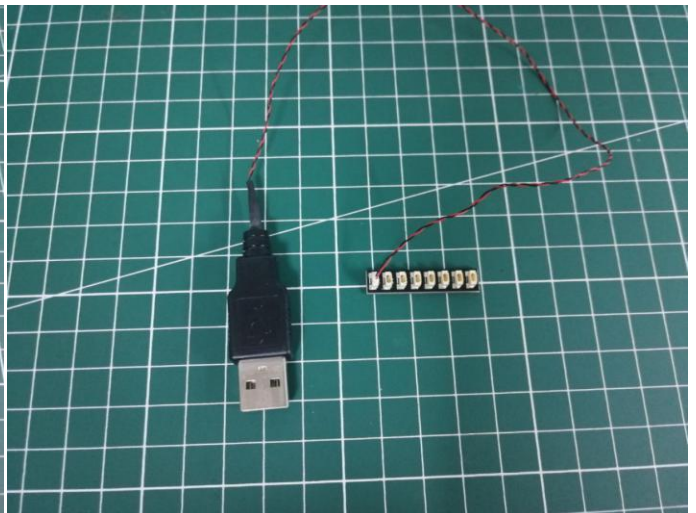
142



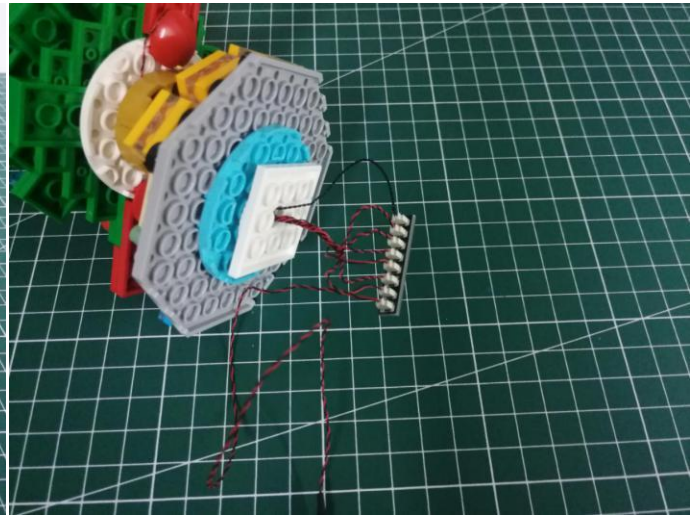
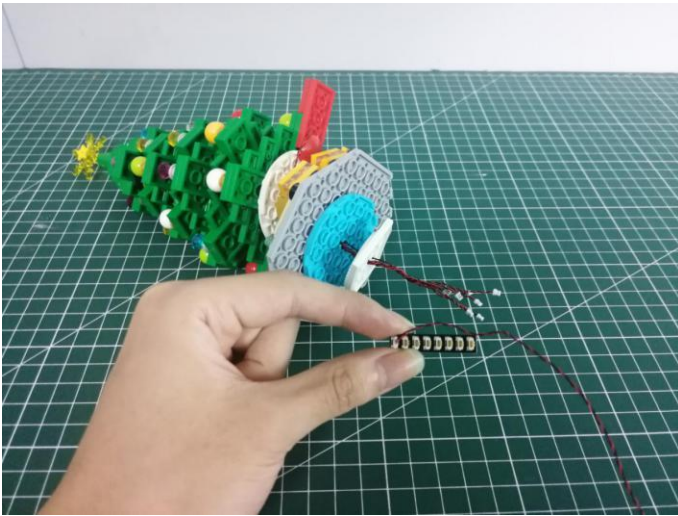
143. Continue to thread the cables through the following white piece.



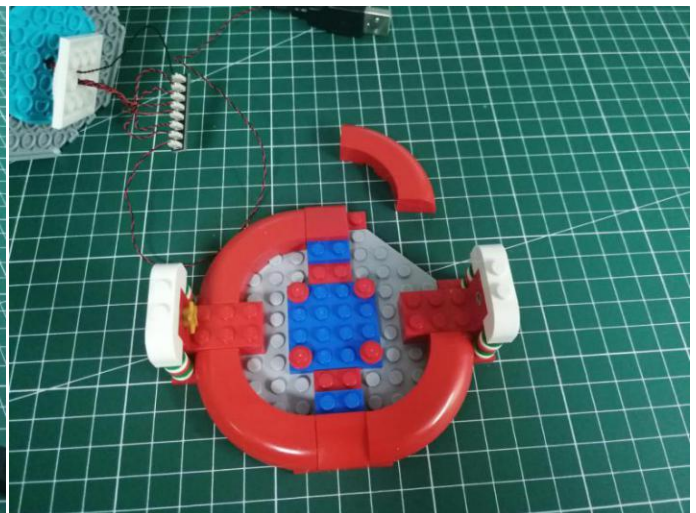
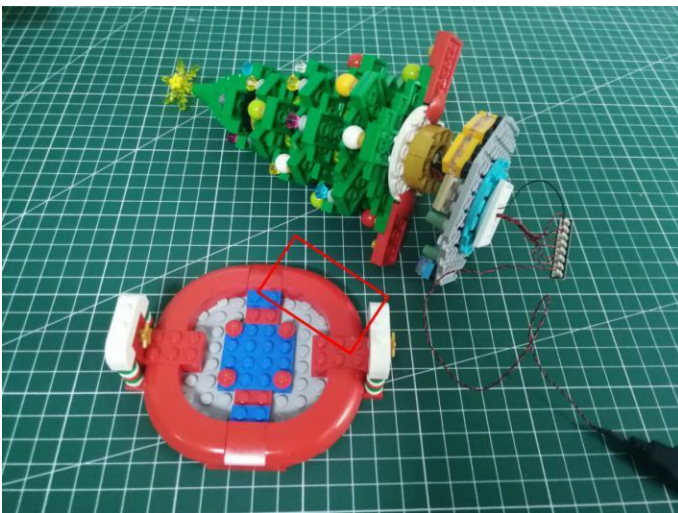
144. Take a USB cable, an 8-port expansion board, assemble them as per below.



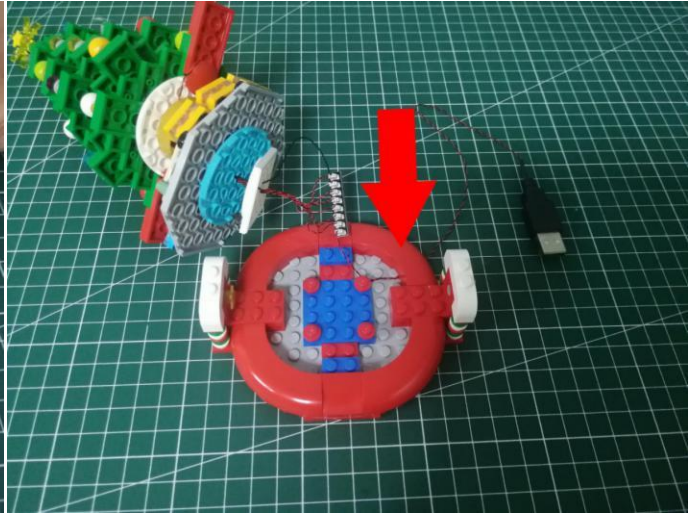
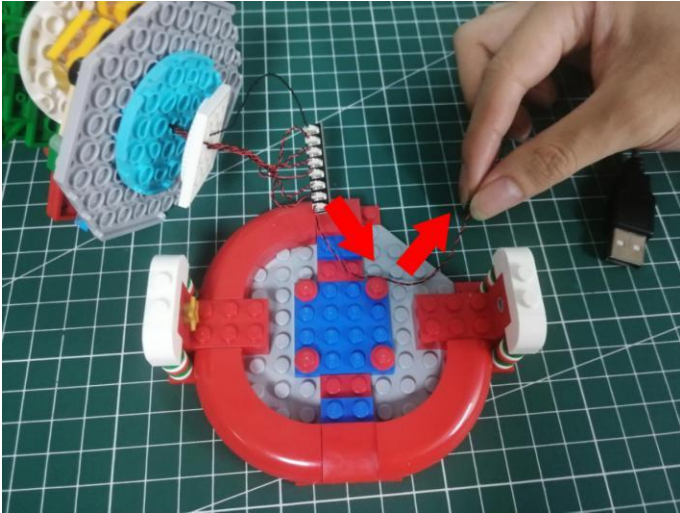
145. Connect all the cables to the expansion board, and connect the following piece to the tree.



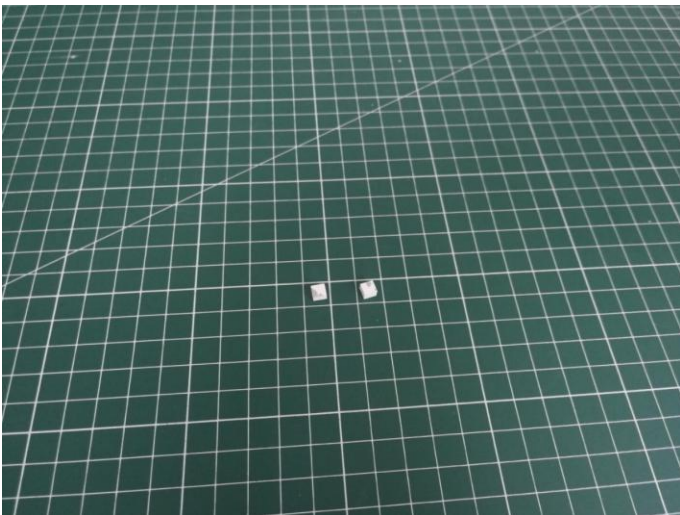
146. Remove the following red piece.



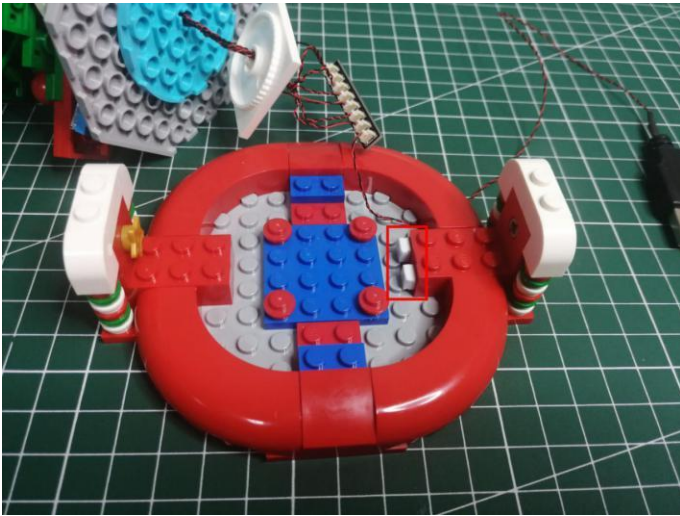
147.Place the USB cable as per below, reconnect the red piece.



148.Take 2 adhesive squares.



149.Stick them to the back of the expansion board, stick the expansion board to the following place.



150.Secure the tree to the piece as per below.



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

