

10261 Roller Coaster P9601

- P9601 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 “10261 P9601”.
- 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 10 bags in this set. The name and quantities of specific components are as shown , please check carefully.

Label	Content	Quantity
LED Strip Lights-Warm White	LED Strip Lights-Warm White	15
Expansion Board	6 Socket Expansion Board	2
	8 Socket Expansion Board	2
AA Battery Box	AA Battery Box	1
Connecting Cables-5CM	Connecting Cables-5CM	6
Connecting Cables-15CM	Connecting Cables-15CM	4
Connecting Cables-30CM	Connecting Cables-30CM	5
Connecting Cables-50CM	Connecting Cables-50CM	3
Bit Lights-30CM-White	Bit Lights-30CM-White	4
Flashing Bit Lights-15CM-White	Flashing Bit Lights-15CM-White	6
Parts package		

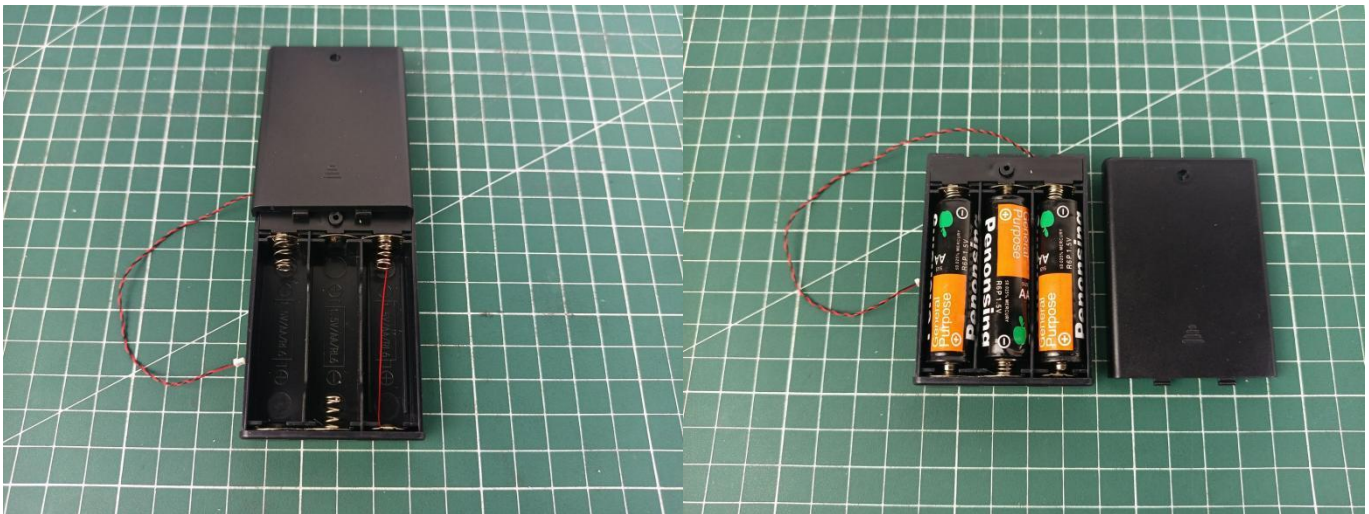
Please contact us immediately if there have any missing components.

Section B: Test that each components is working properly.

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

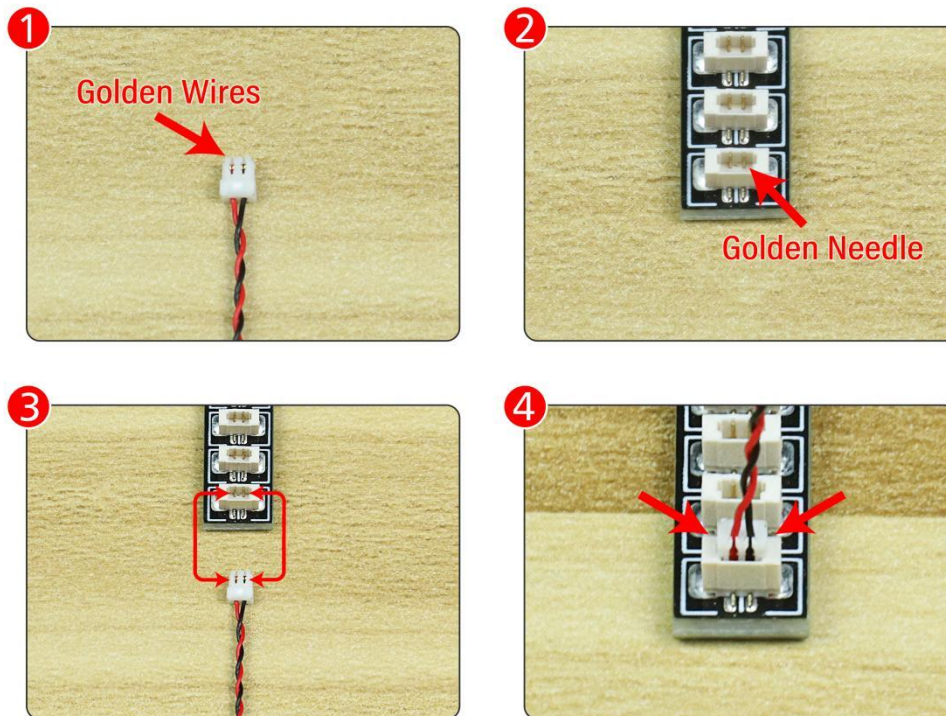


The AA Battery Box does not contain batteries, please buy three AA batteries in the nearest store and install it in the AA Battery Box.



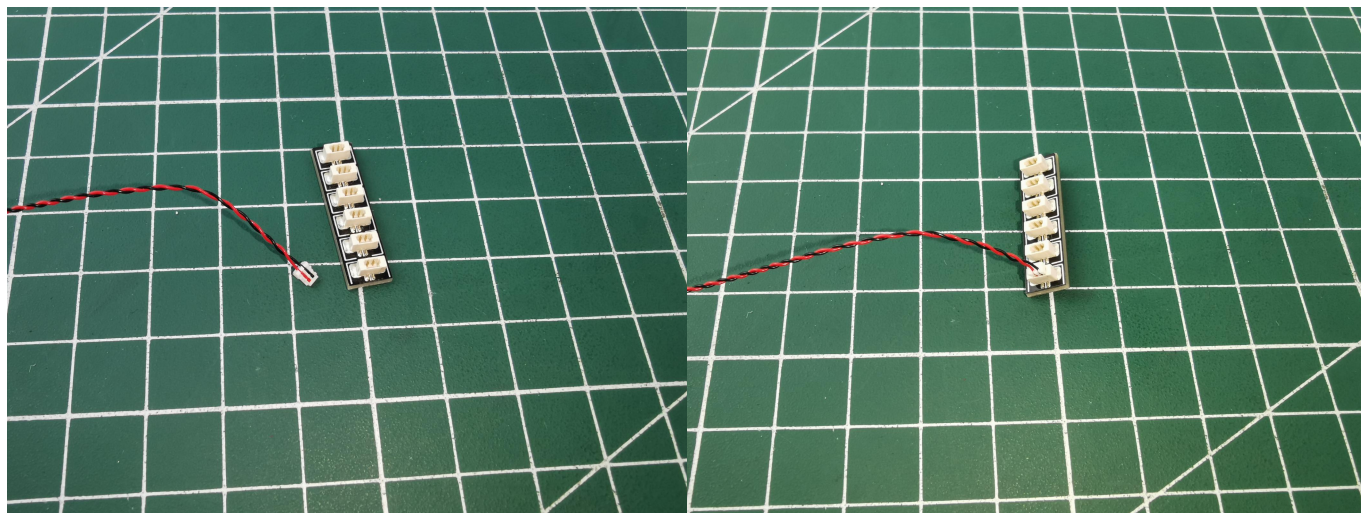
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

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.

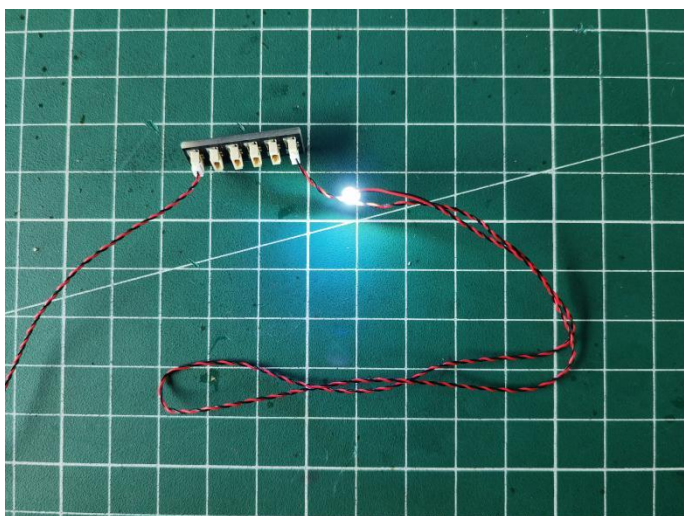


All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

The connection method between the AA Battery Box and Expansion Boards is as follows:



when we test "Bit Lights-30CM-White" particles,Take out the bag labelled "Bit Lights-30CM-White".Take out one of the light and connect it to the socket. Turn on the battery box, 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 15*LED Strip Lights-Warm White,4*Bit Lights-30CM-White,6*Flashing Bit Lights-15CM-White.

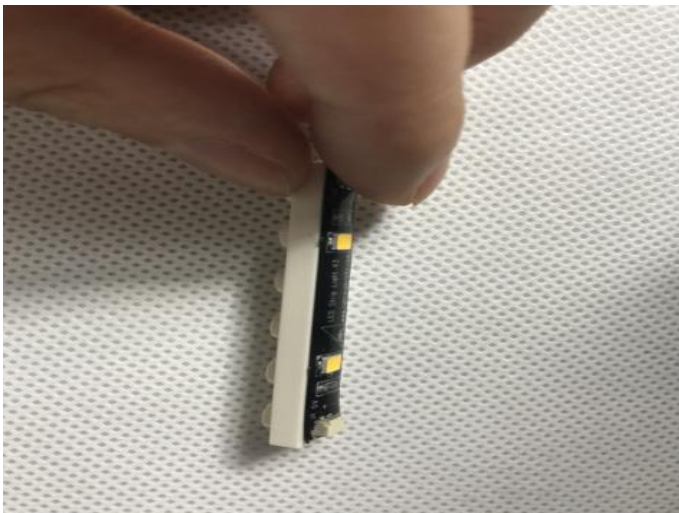
Please contact us immediately if any components don't work.

Section C: laying out components following the instruction.

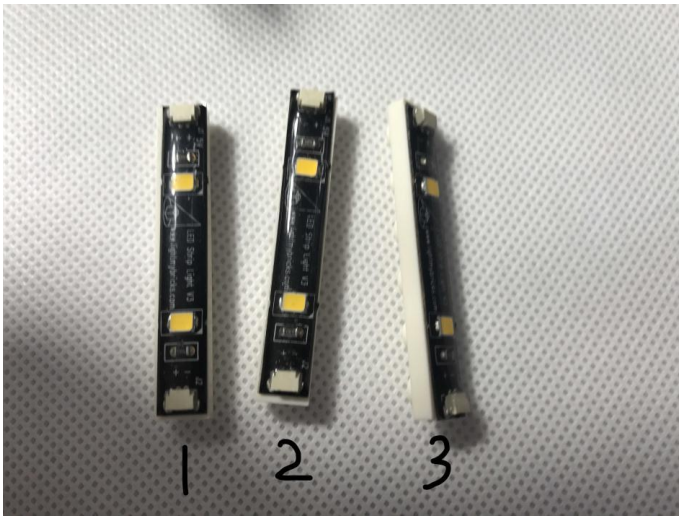
1. take a warm white strip and a white 1x6 base plate, stick the strip at the back of the plate



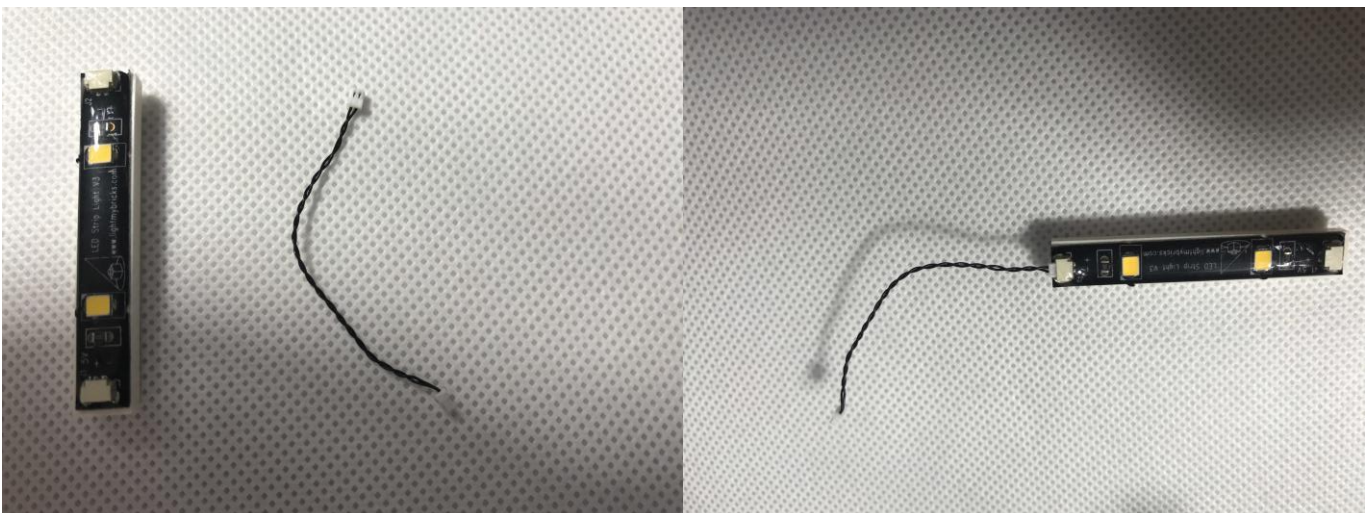
2



3.Repeat step 1, stick another 2 warm white strips to the back of 2 white 1x6 base plates, and we' ll identify them as strip#1、 strip#2、 strip#3



4.Take a 5cm connecting cable, connect it to one port of strip#1



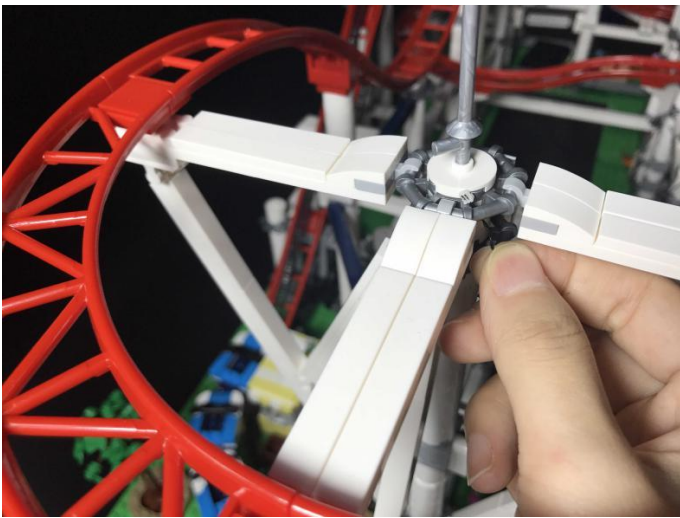
5.We' ll start from the left section of the roller coaster



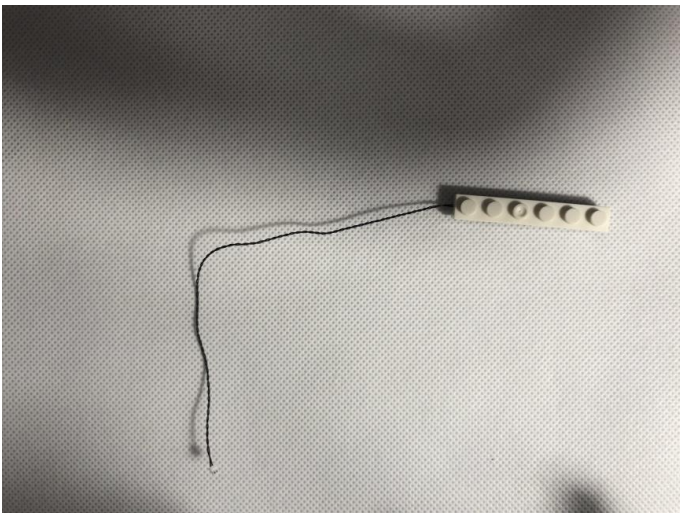
6. Place the strip#1 with cable under the beam



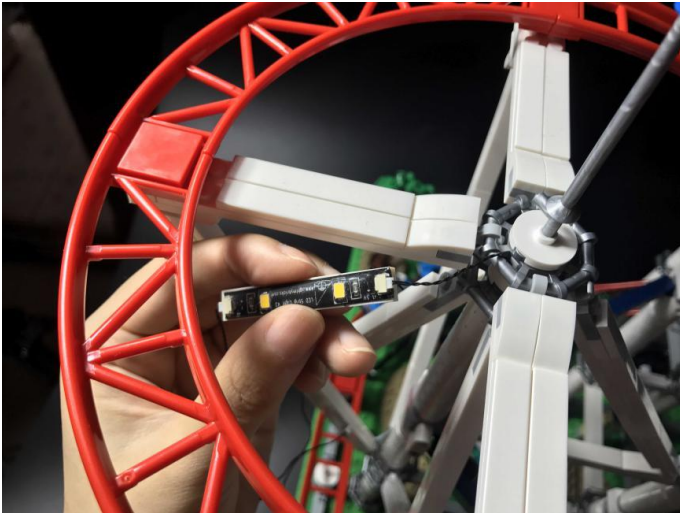
7. Thread the other end of the cable through the hole



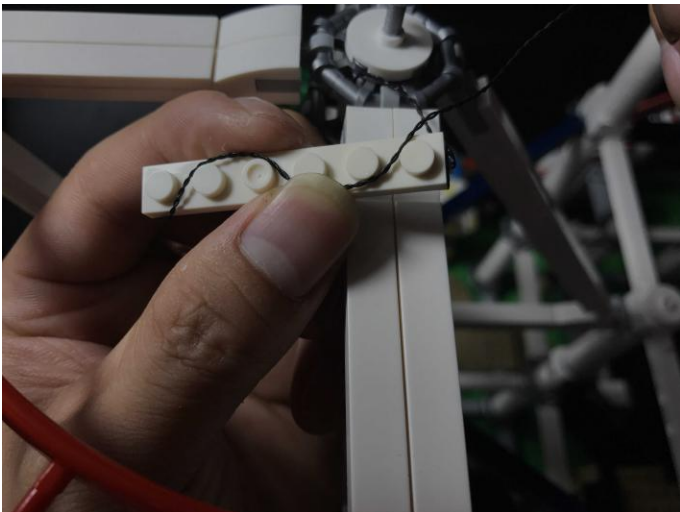
8. Similarly, connect a 15cm cable to one port on strip#2



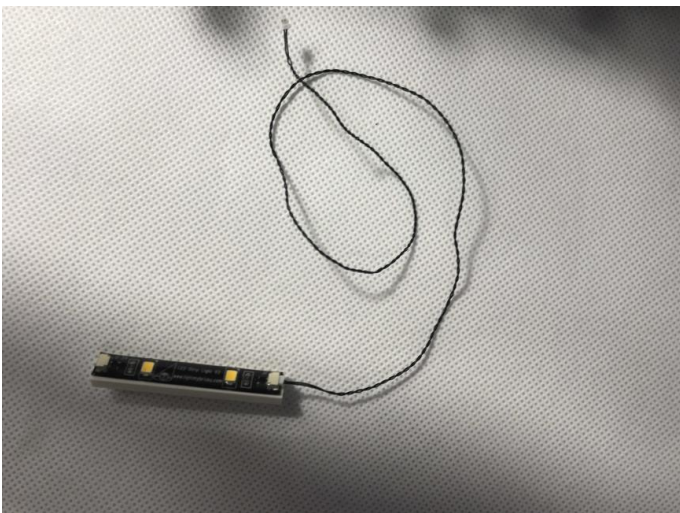
9. Insert the other end of the cable from strip#1 to the port on strip#2



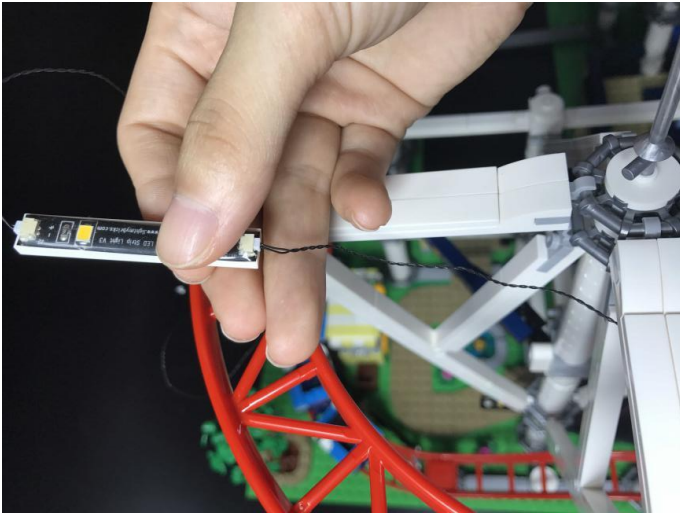
10. Place the 15cm cable in between the studs on the plate. Note: you should leave the connector side facing the outside



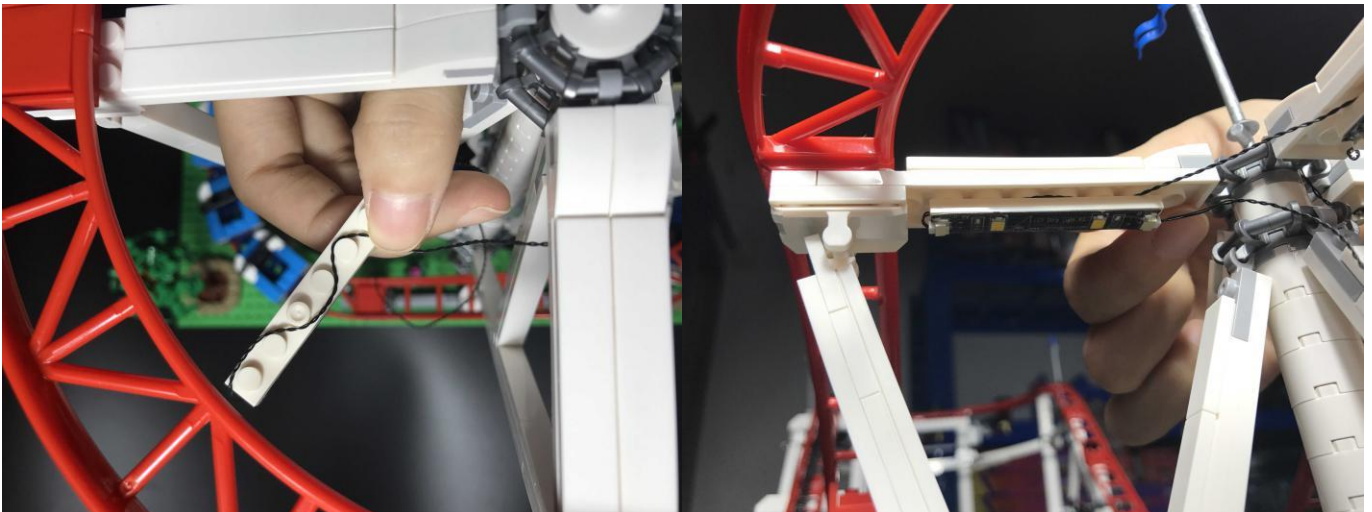
11. Then, connect a 30cm connecting cable to strip#3



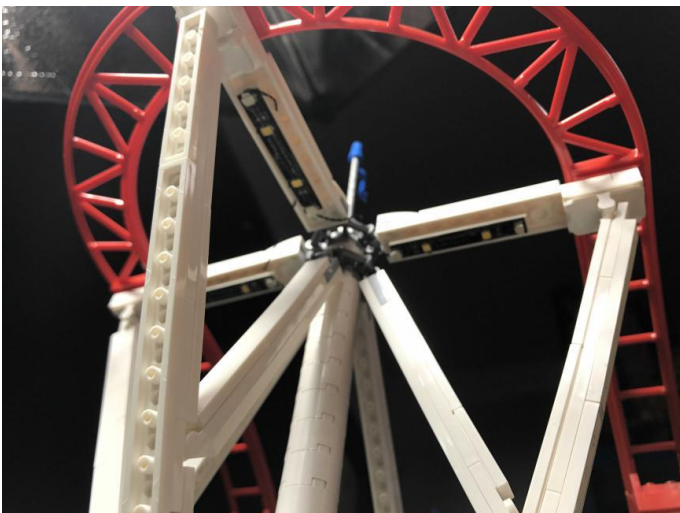
12. Insert the other end of the cable from strip#2 to the strip#3.



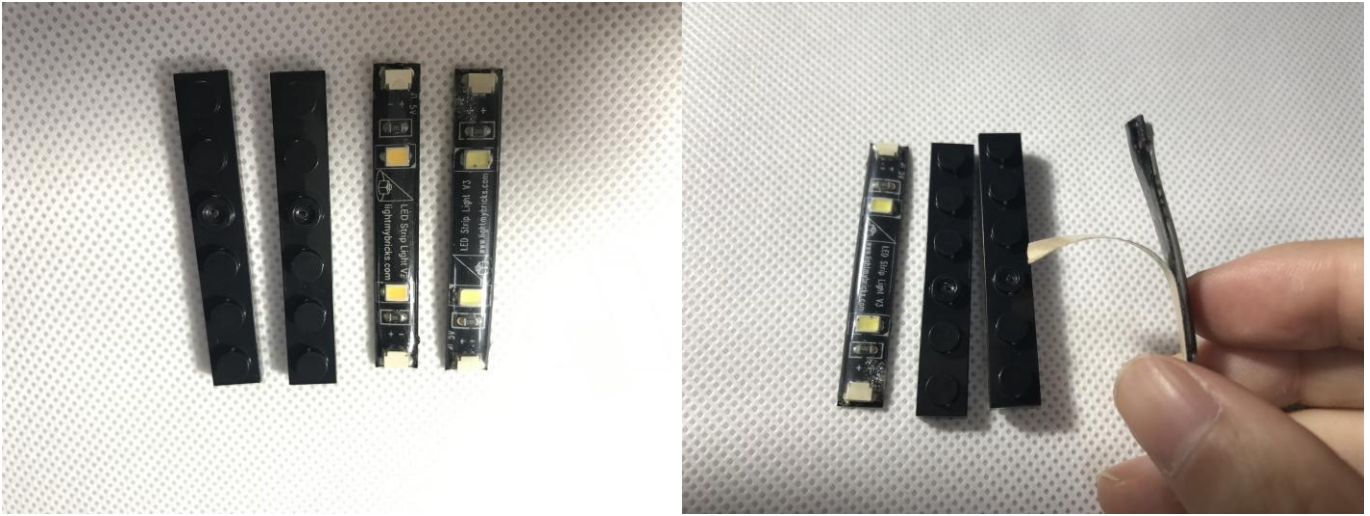
13. Place the 15cm cable in between the studs, as per below. Note: ensuring the connector side facing outside.



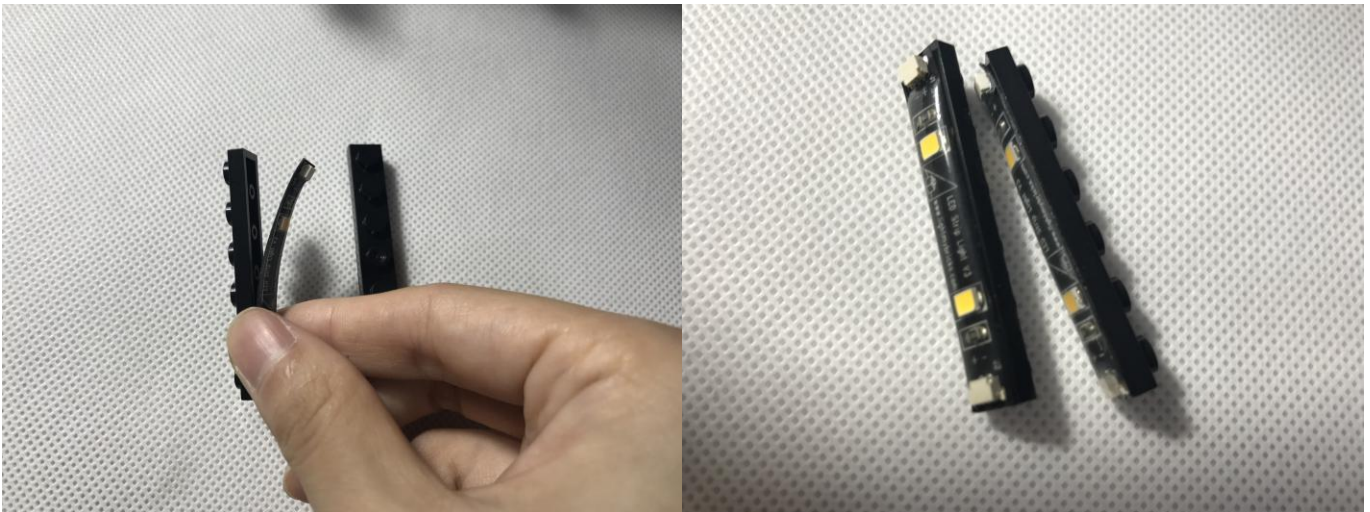
14. Now, we finished lights for this section



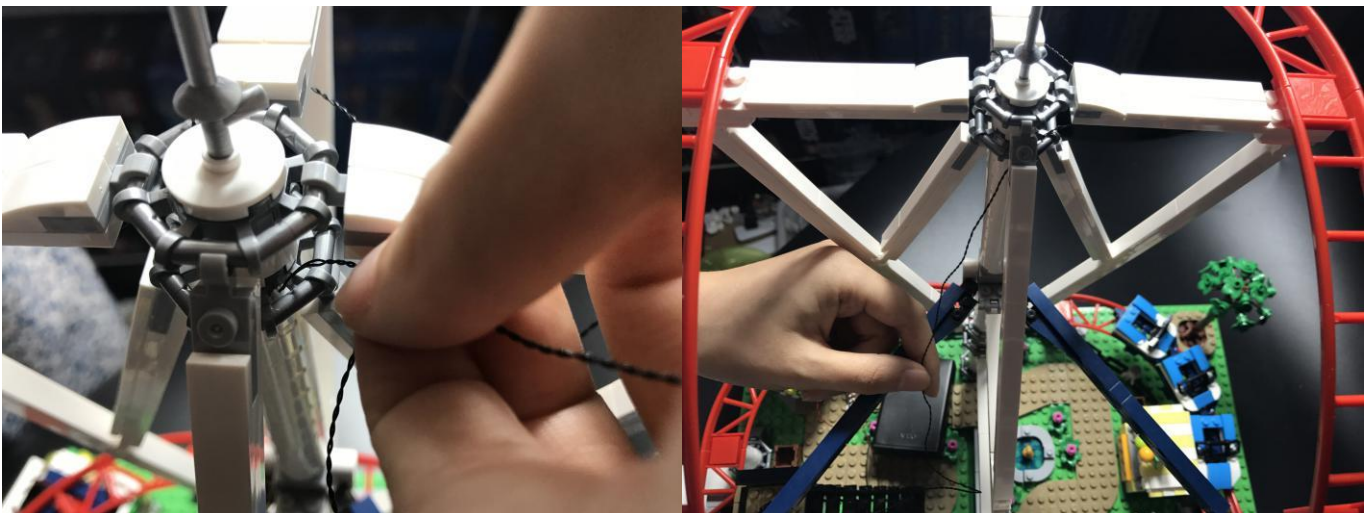
15. Take 2 warm white strips, 2 black 1x6 base plates, stick the strips at the back of the base plates. We'll identify them as strip#4 and strip#5.



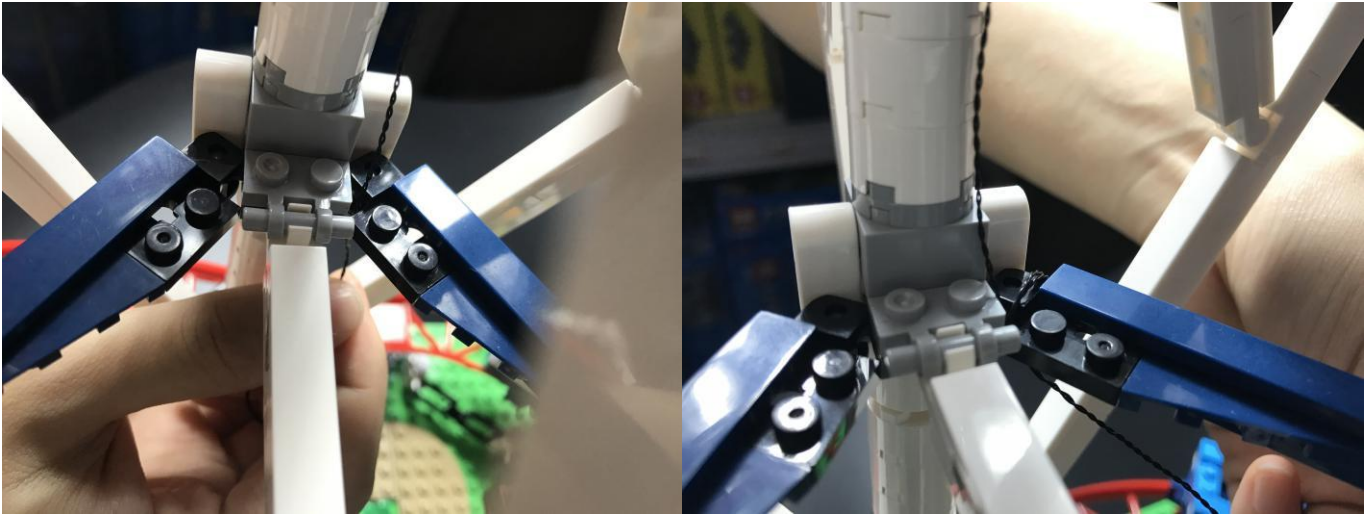
16



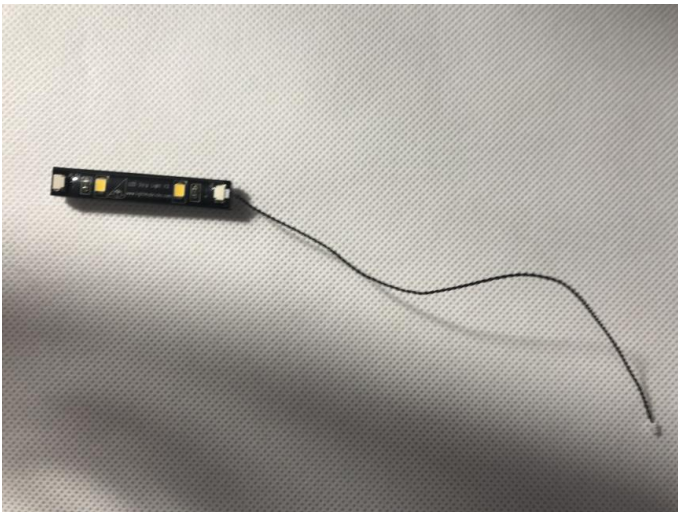
17. Thread the 30cm cable we installed before down through the hole.



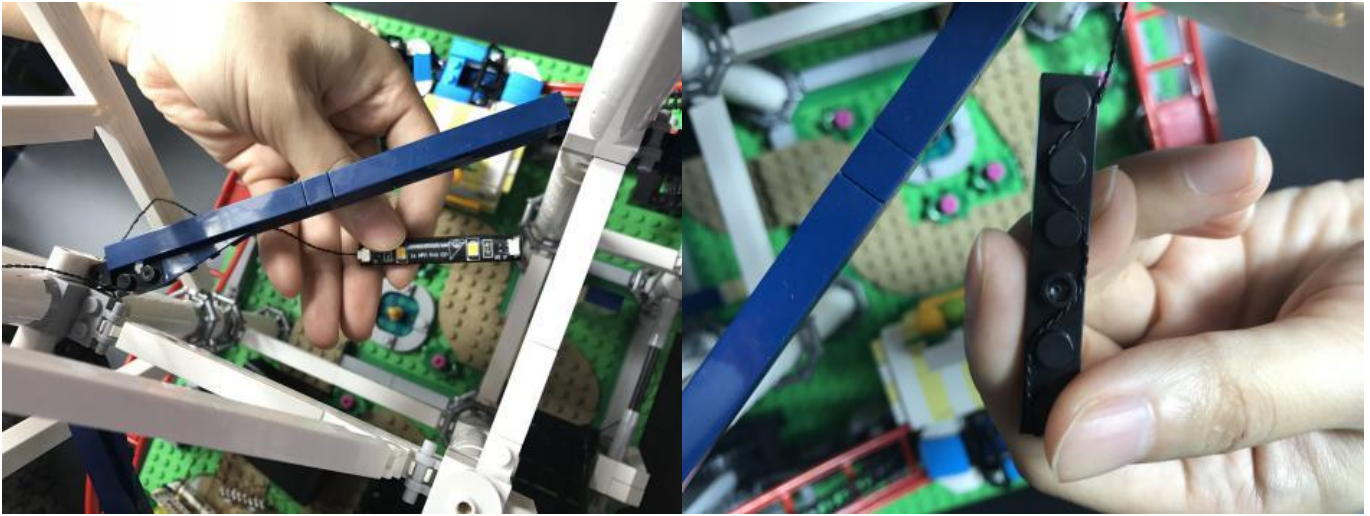
18. Pull the cable down and through the hole inside the blue piece, then, wind it around the blue piece twice.



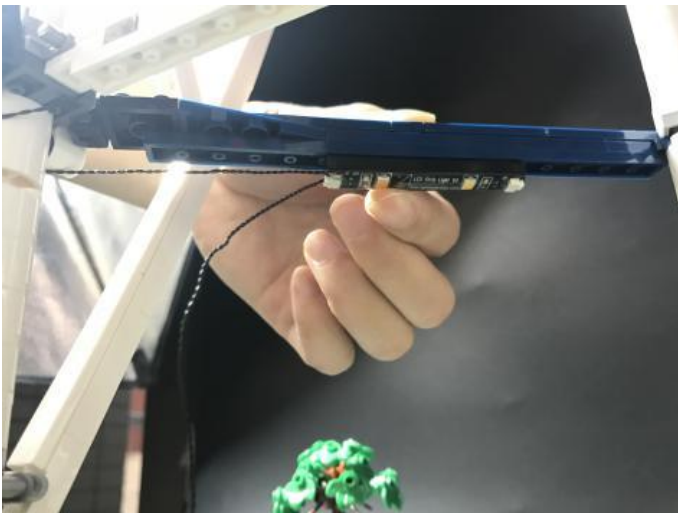
19. Take a 15cm cable, connect it to one port of strip#4.



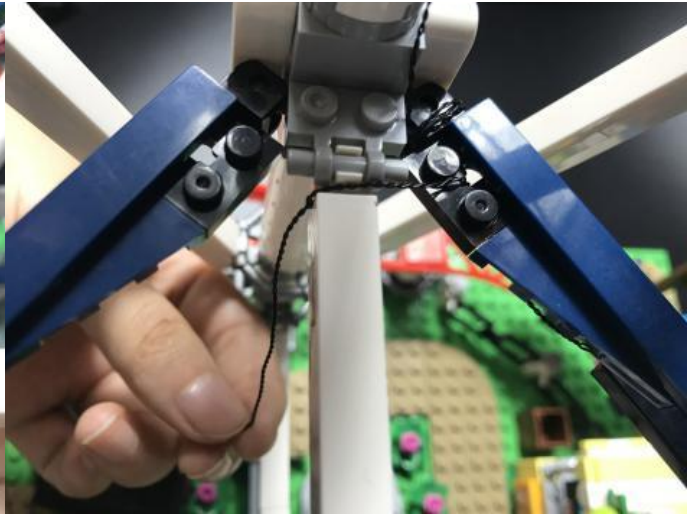
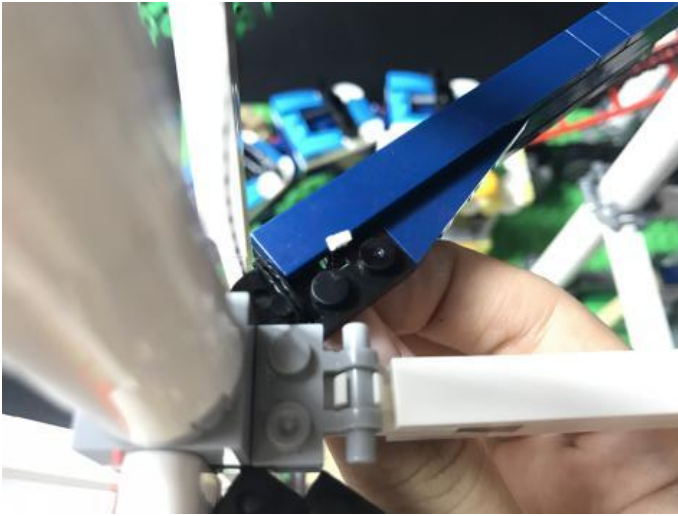
20. Insert the 30cm cable from the blue piece to the other port of strip#4, ensuring the cable is placed in between the studs, connect the strip on the blue piece.



21



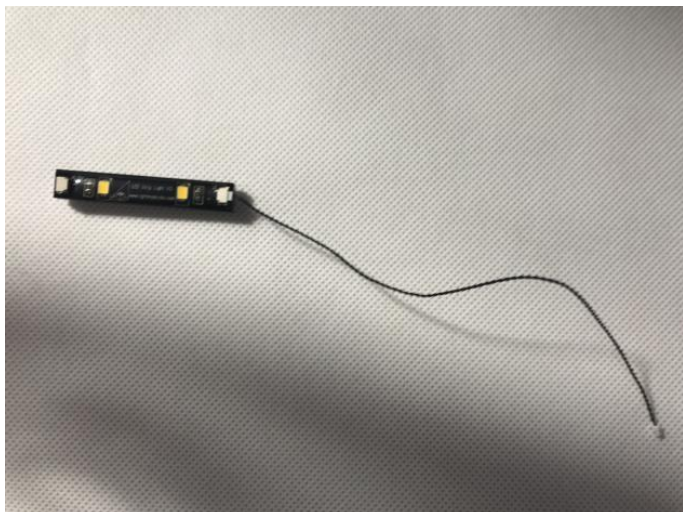
22. Thread the connector end of the 15cm cable through the hole on the blue piece, round it one time on the white pole then, downward through a hole of another blue piece.



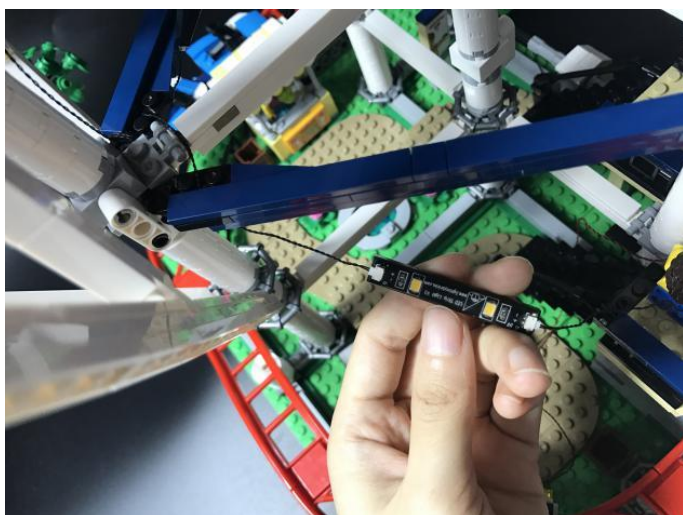
23



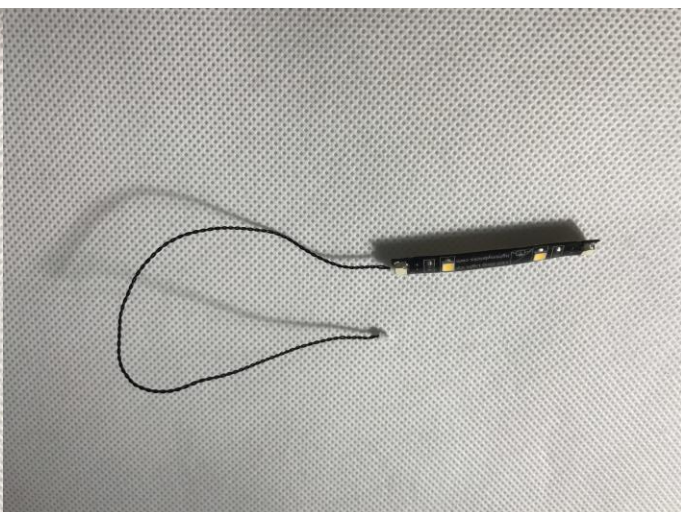
24. Take another 15cm cable, connect it one port of strip#5.



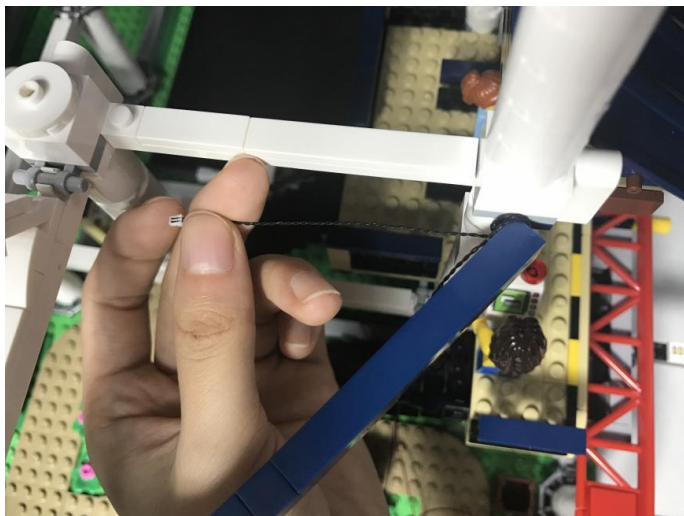
25. Connect the other end of the cable from strip#4 to one port of strip#5, and place strip#5 under the blue piece.



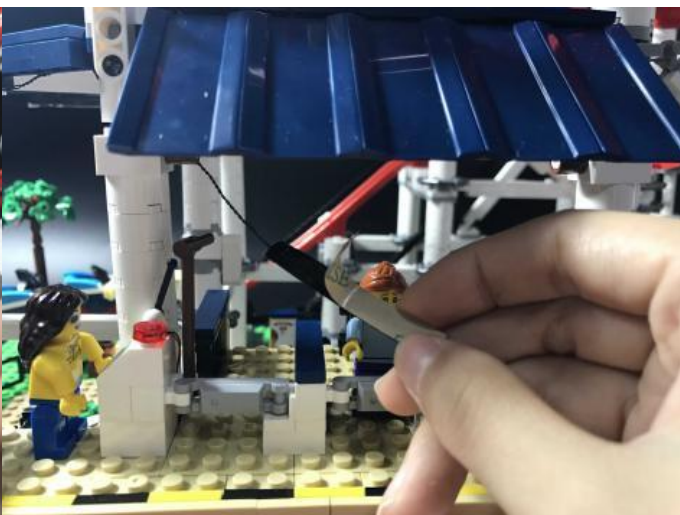
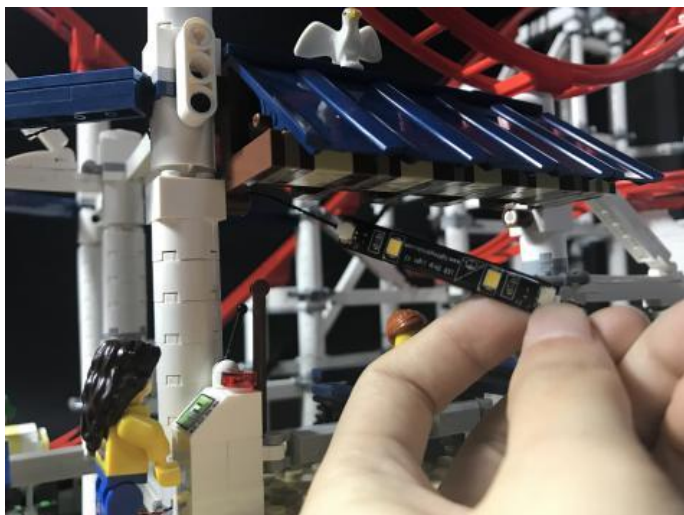
26. Take a warm white strip and a 15cm cable, connect the cable to one port of the strip.



Wind the cable from strip#5 around the space between the pole and the blue piece.



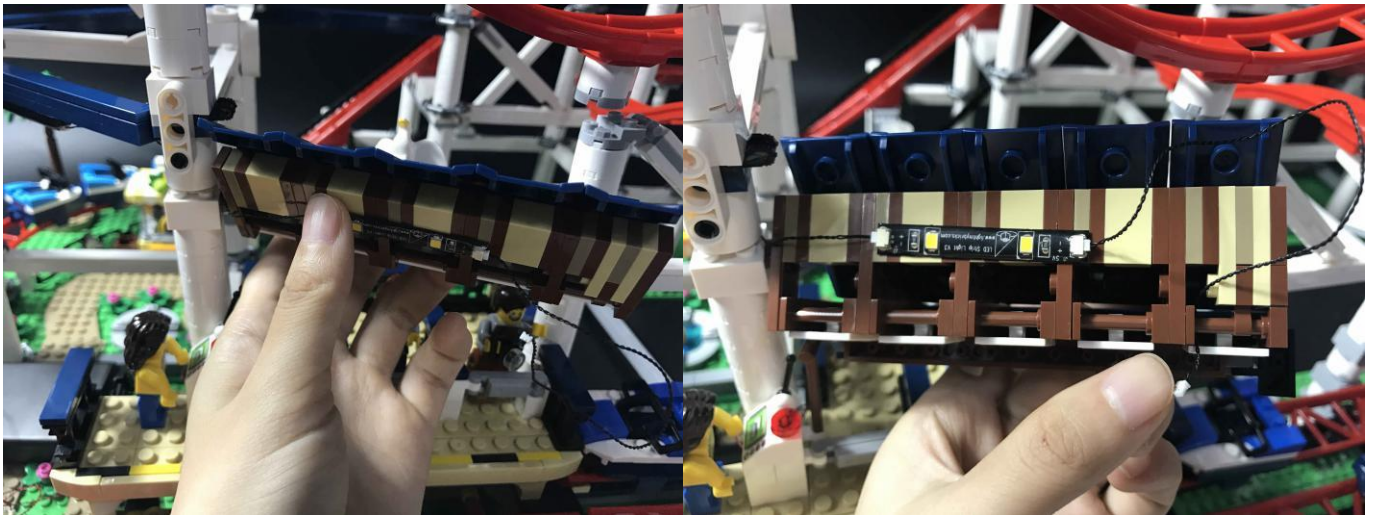
27. Pull the cable (from step 21) out from the back of the house, stick it at the roof using adhesive tapes.



28



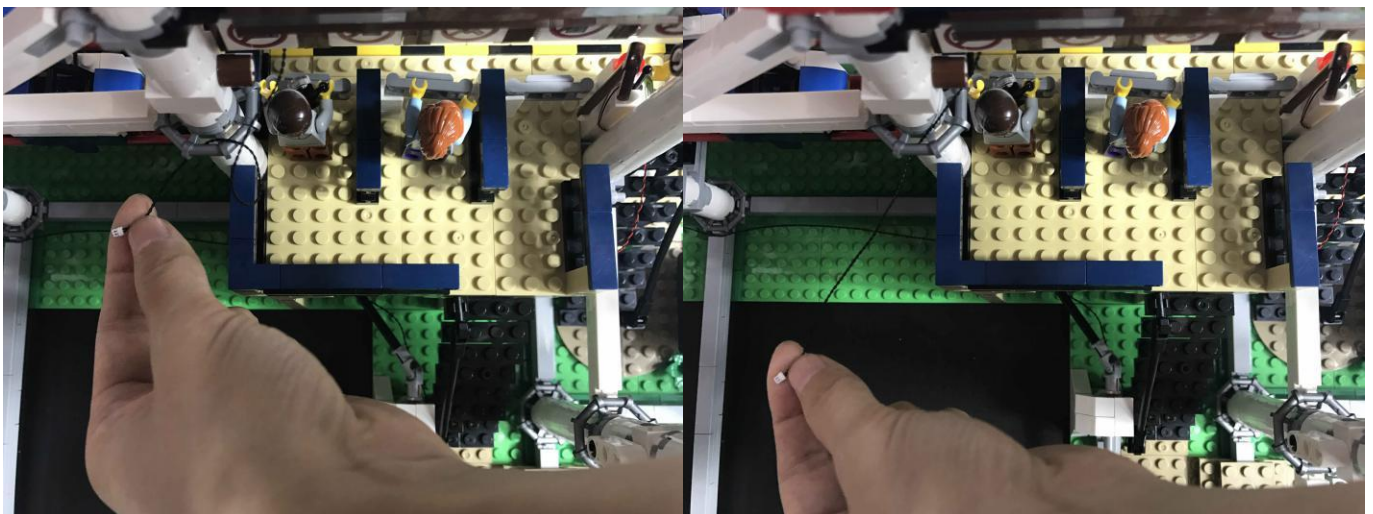
29. Remove the roof, pull the cable out, as per below.



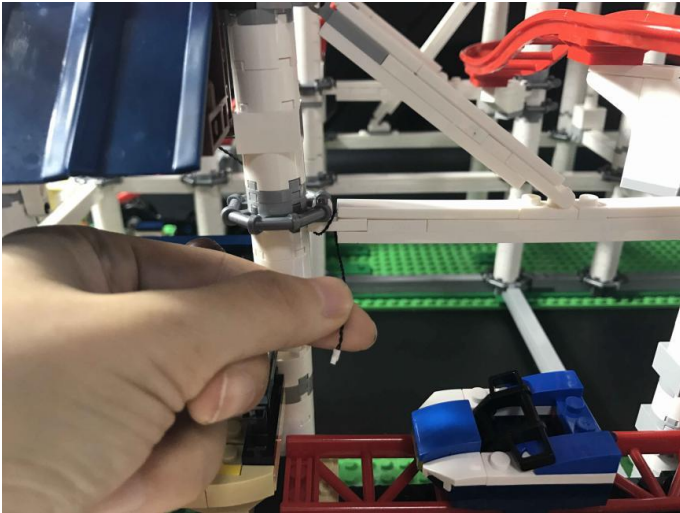
30. After the cable is pulled out, reconnect the roof.



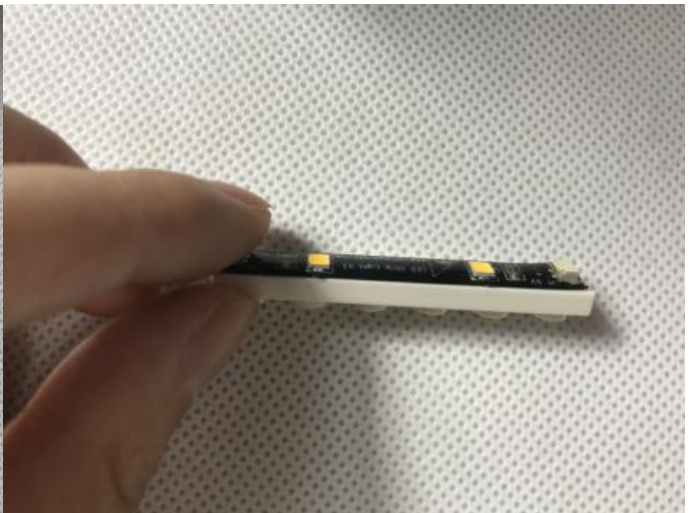
31. Thread the connector through the hole on the gray polygon piece.



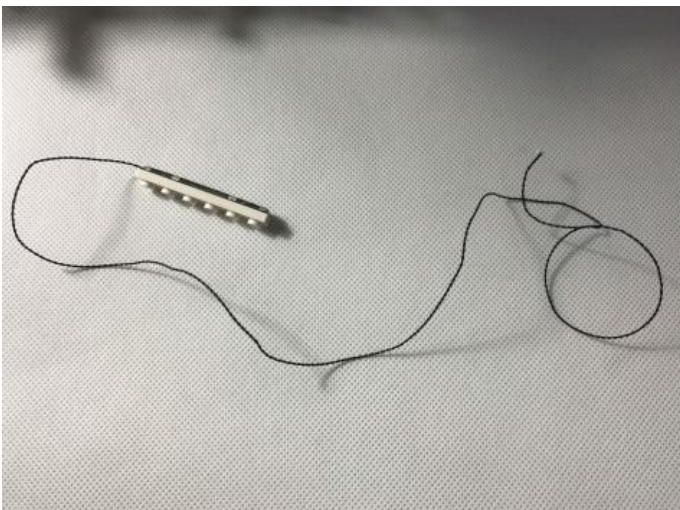
32. Wind it around the gap between the white beam and the gray piece.



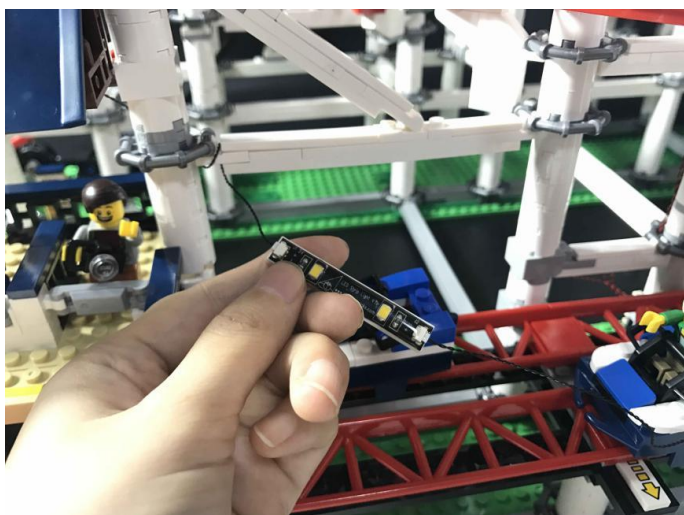
33. Take a warm white strip, a 50cm connecting cable and a white 1x6 base plate, stick the strip at the back of the base plate, and connect one end of the cable to it.



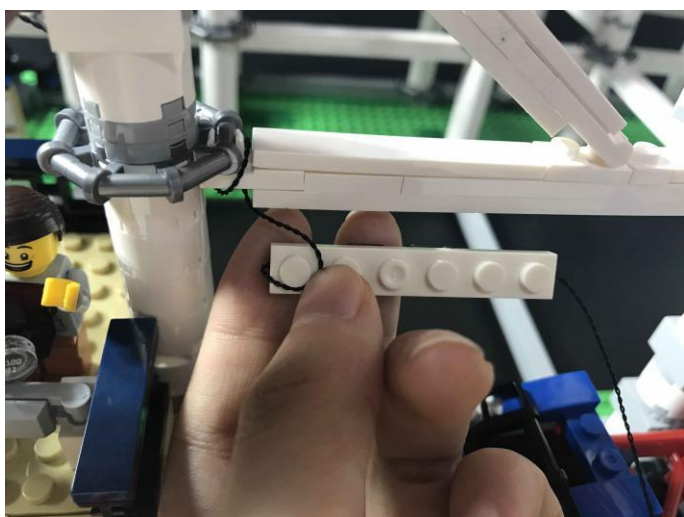
34



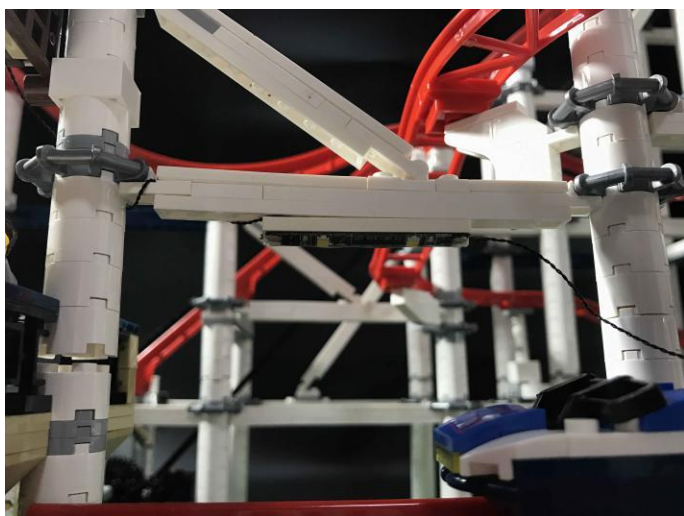
35. Connect the cable (from step 27) to the other end of the strip.



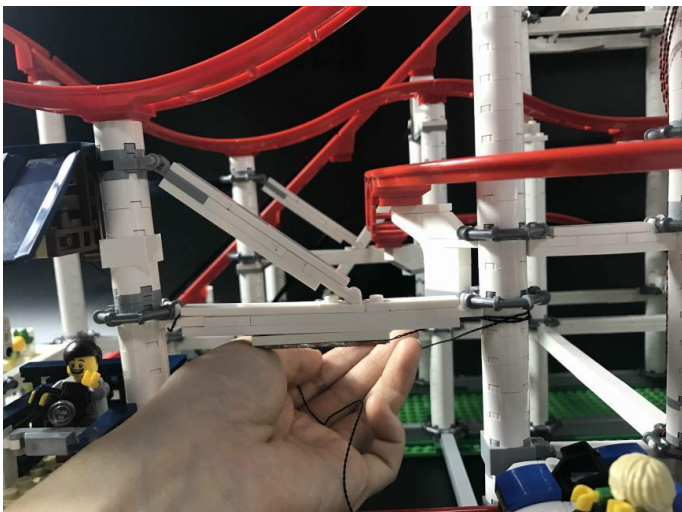
36. Wind the cable as per below, and stick the strip under the white beam.



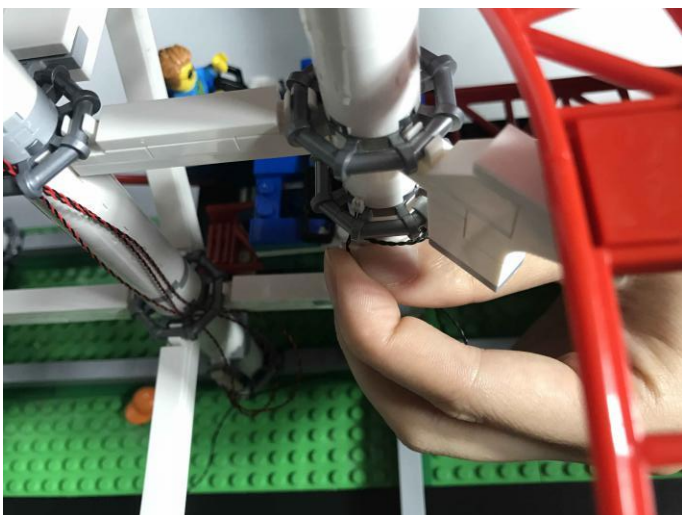
37



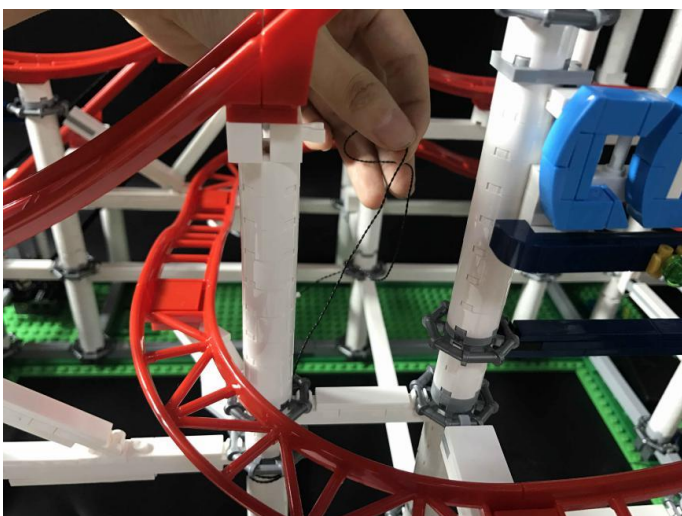
38. Wind the 50cm cable 2 times around the pole at the right side.



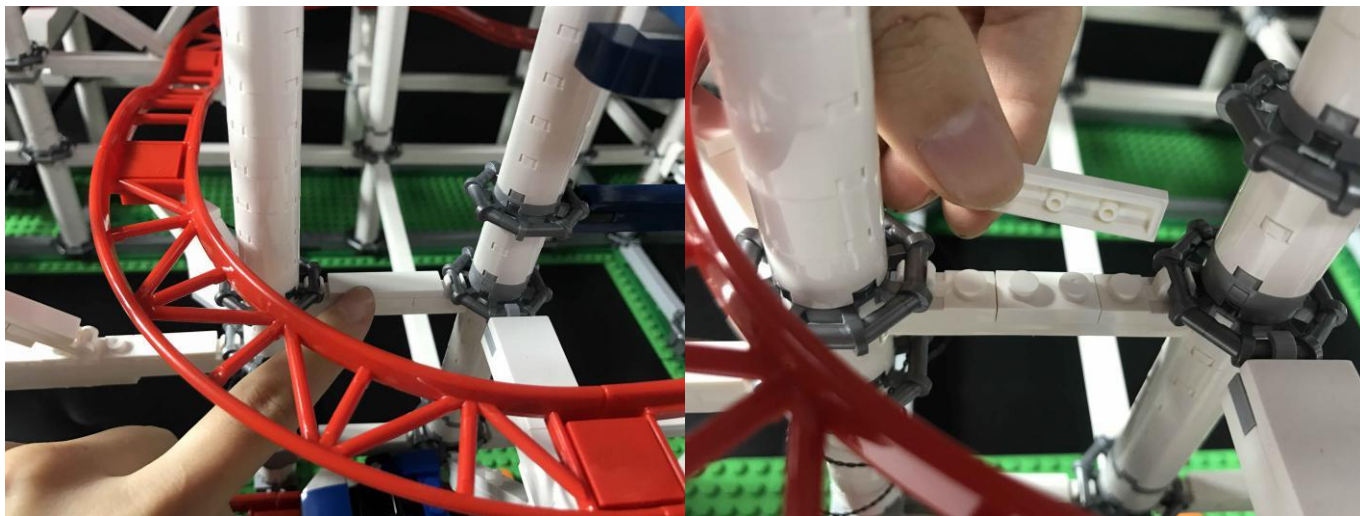
39. Thread it through hole of the gray piece.



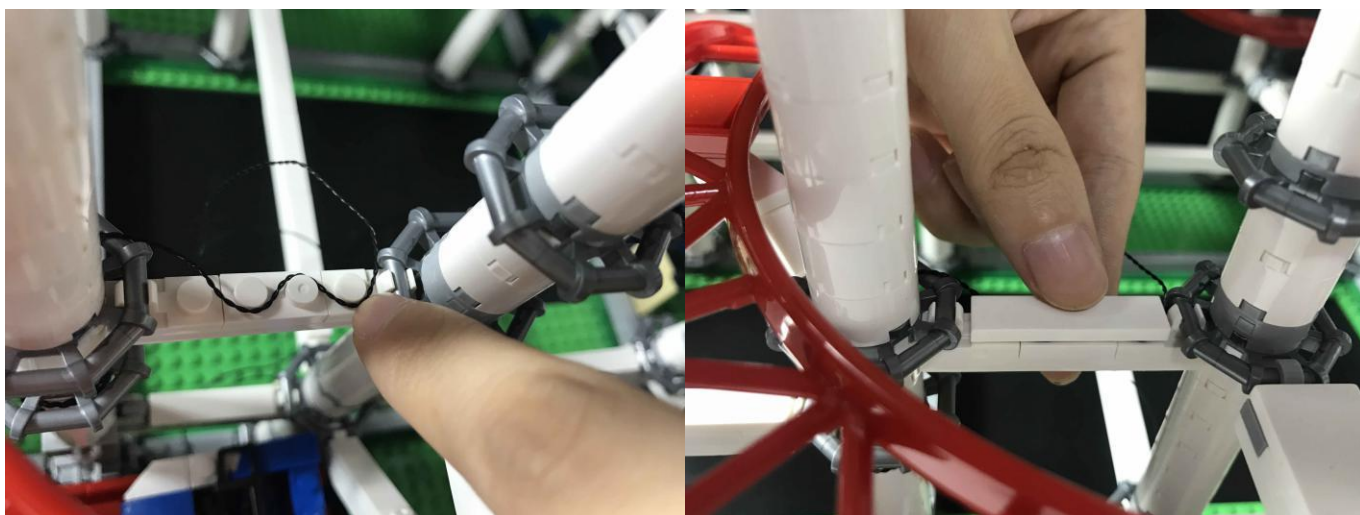
40. Pull the cable out from the upper space



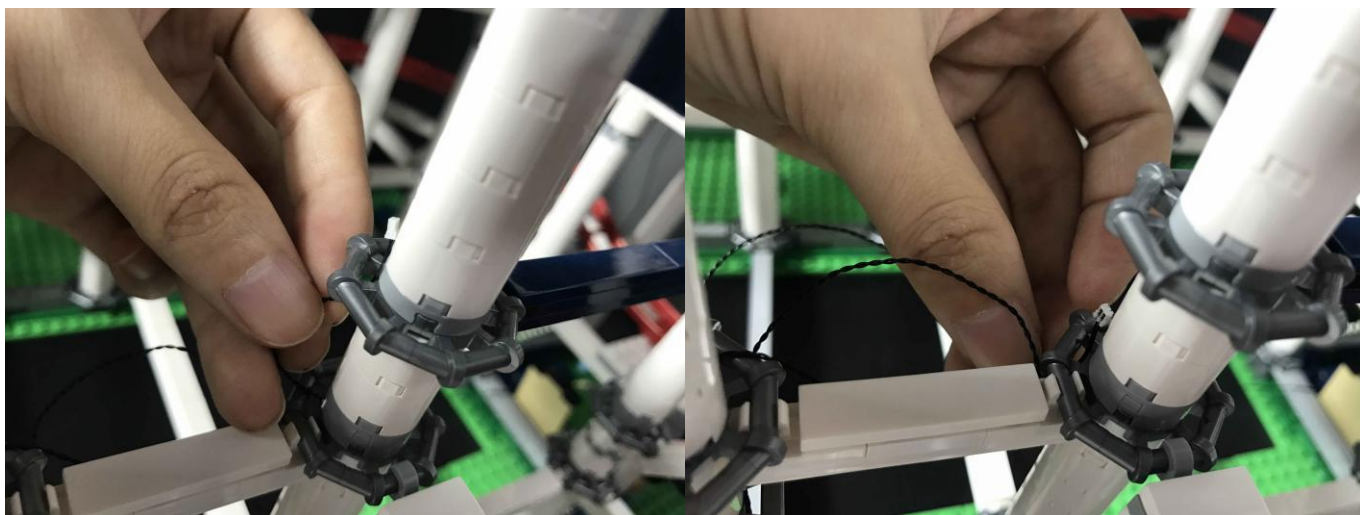
41. Remove the white brick, place the 50cm cable in between studs, reconnect the brick.



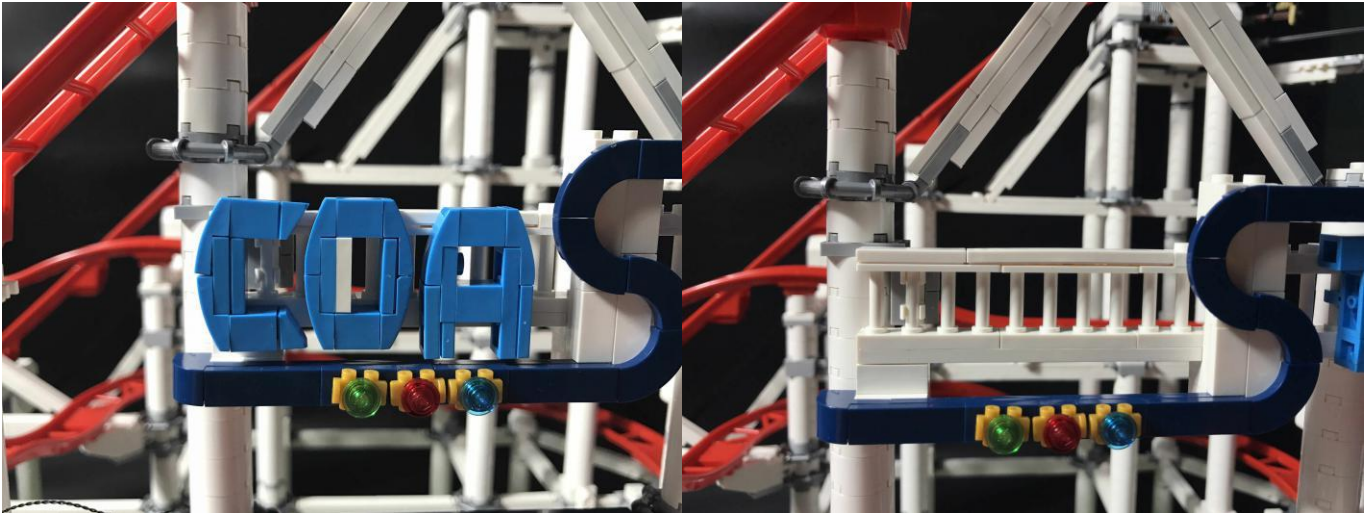
42



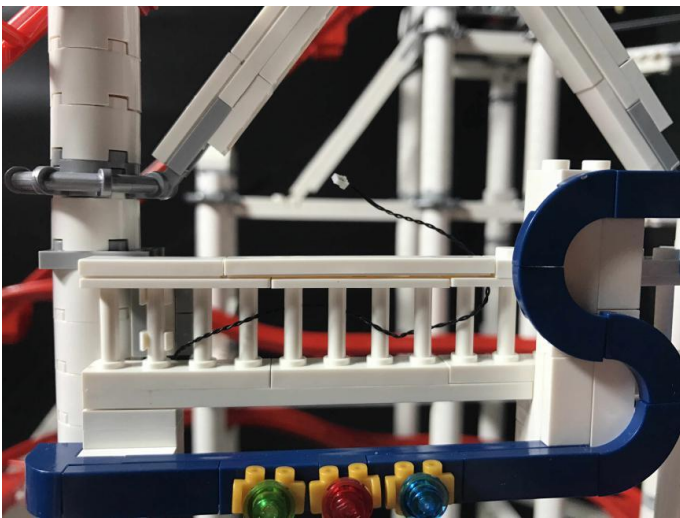
43. Thread the connector of the cable through the hole of the gray piece again, pull it upward.



44.remove the “COA” letters.



45.Wind the cable properly, as per below.



46.Take 2 warm white strips, a 5cm cable, and the following plates.



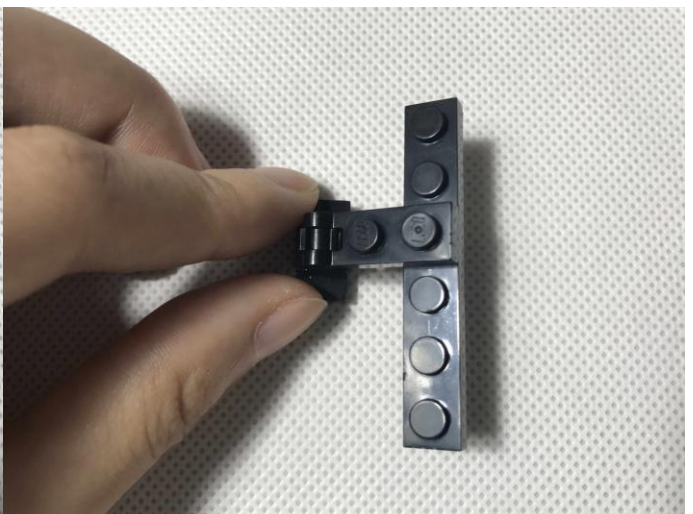
47. Stick the strip on the 1x6 base plate



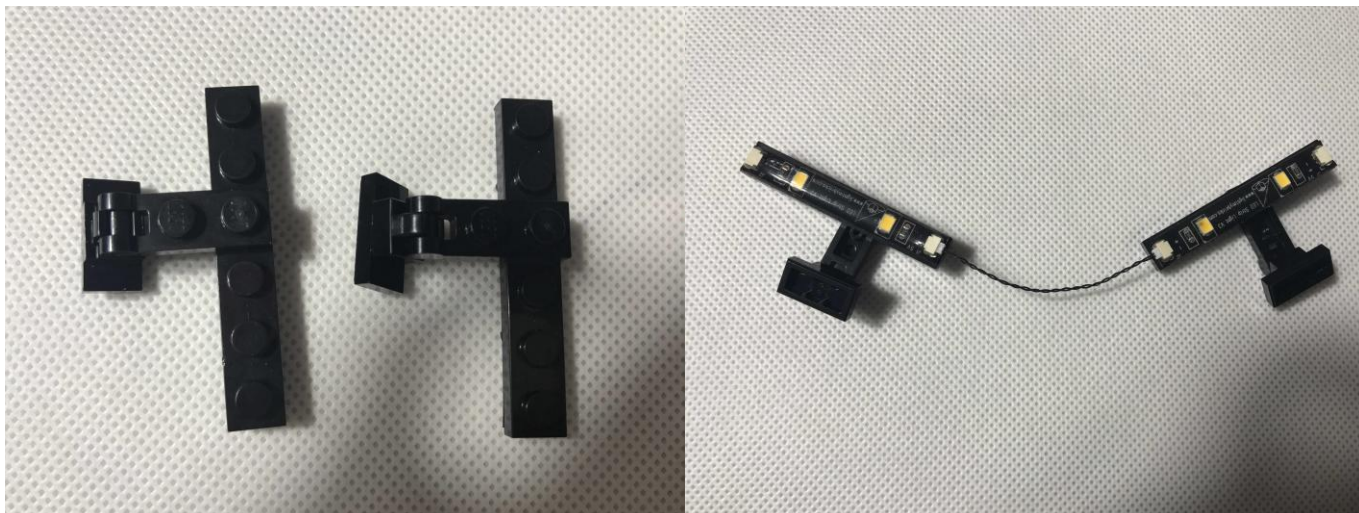
48. Assemble the following 3 pieces together, we' ll use it as an ad board.



49



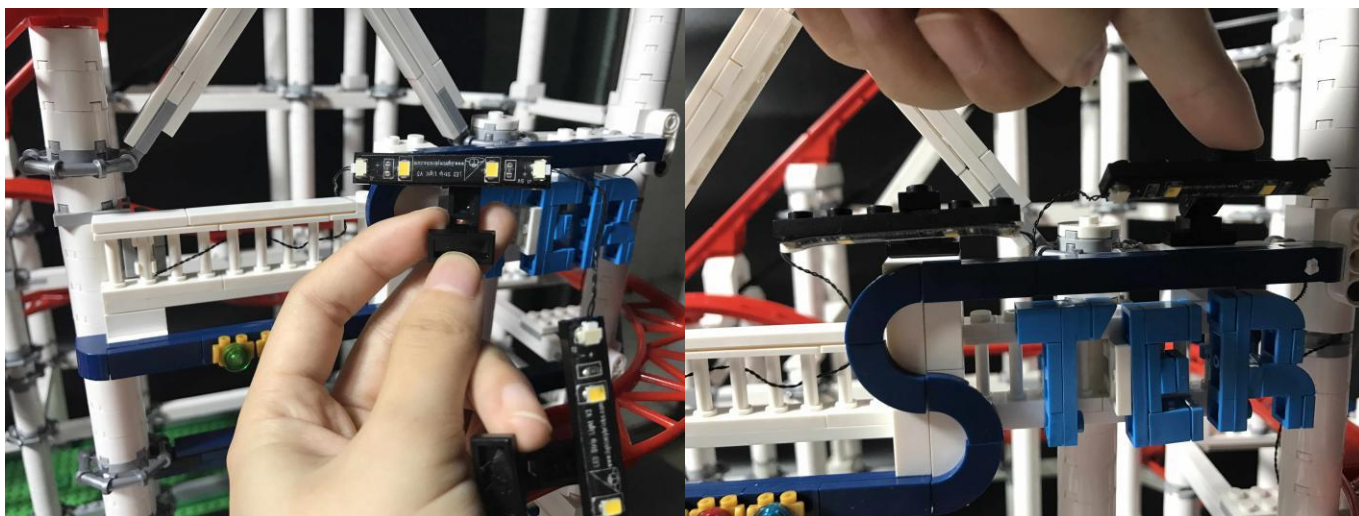
50.Repeat the above steps to assemble another ad board, connect 2 strips with a 5cm cable.



51.Remove the following 2 white plates.



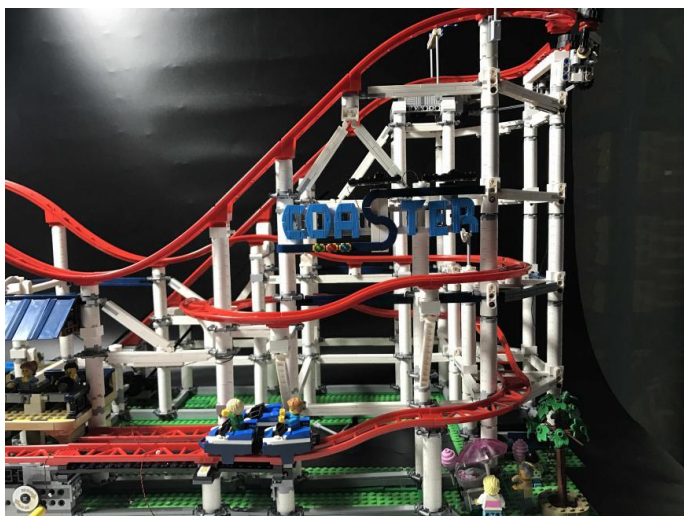
52. Connect the connector (from step 37) to one of the strip, after that, position the strip as per below, adjust the angle to make sure it can light the ad board.



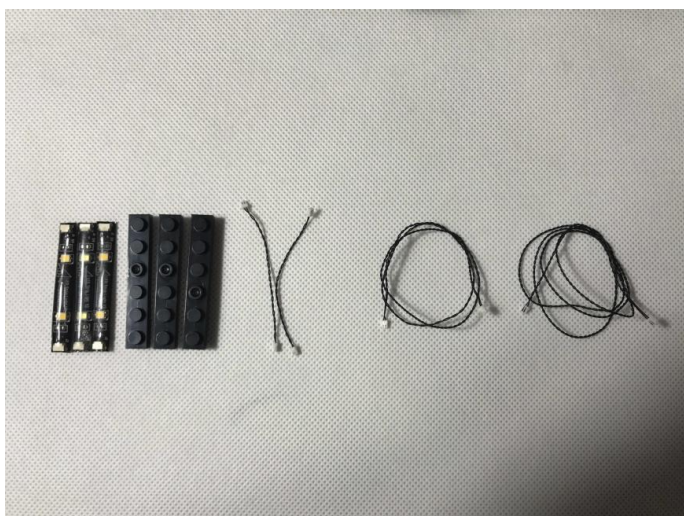
53. Reconnect the “COA”, we already finished the lights in the center of the roller coaster.



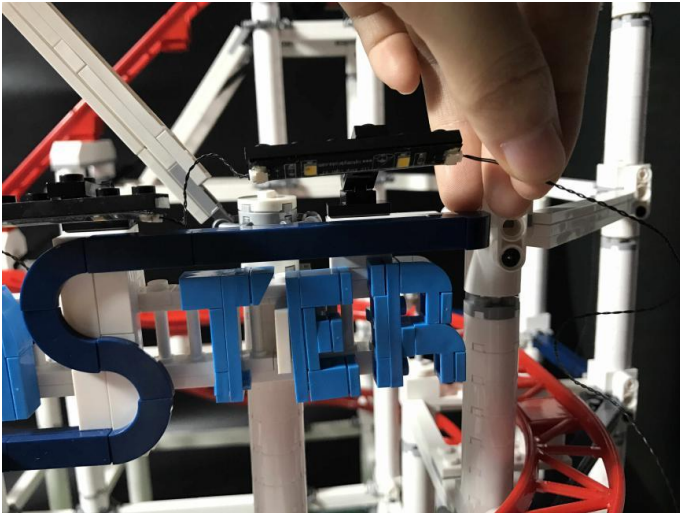
54. Continue to install the right section. We' ll install 3 warm white strips separately on the blue beam and the white beam in the second and fourth level.



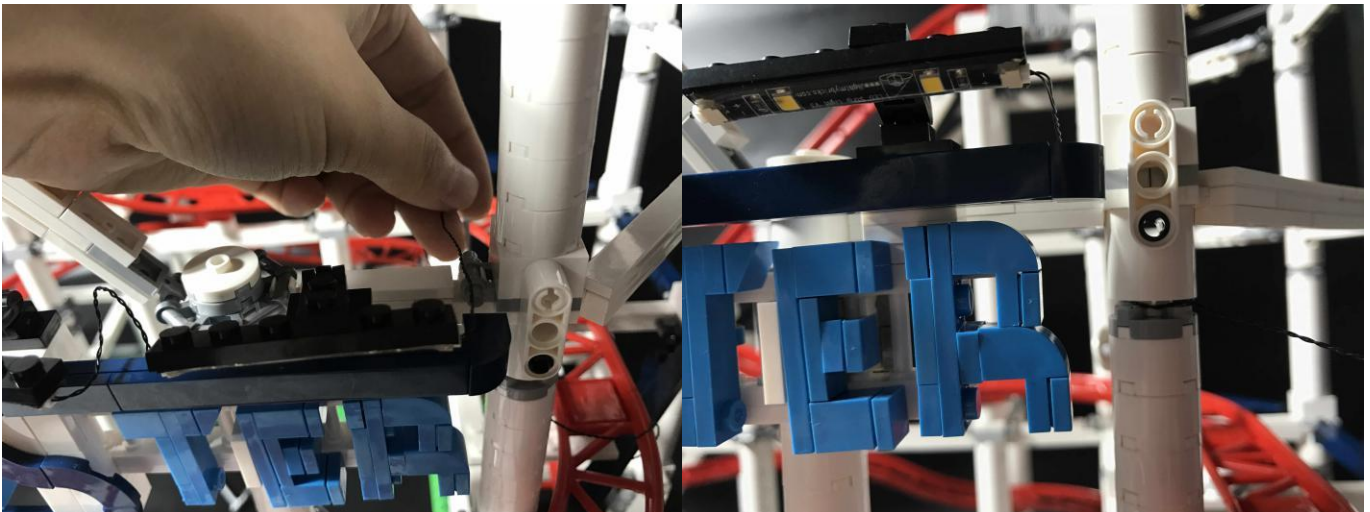
55. Take 3 warm white strips and 3 black 1x6 base plates, 2 connecting 5cm cables, a 30cm connecting cable, and a 50cm connecting cable.



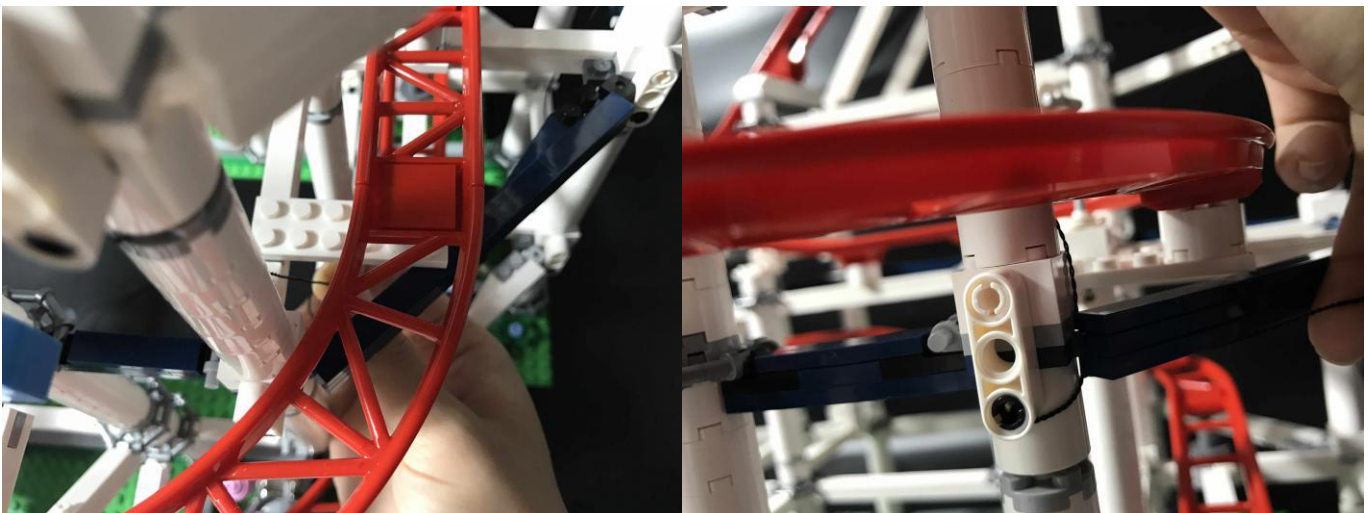
56. Connect the 30cm cable to the strip of the ad board as per below.



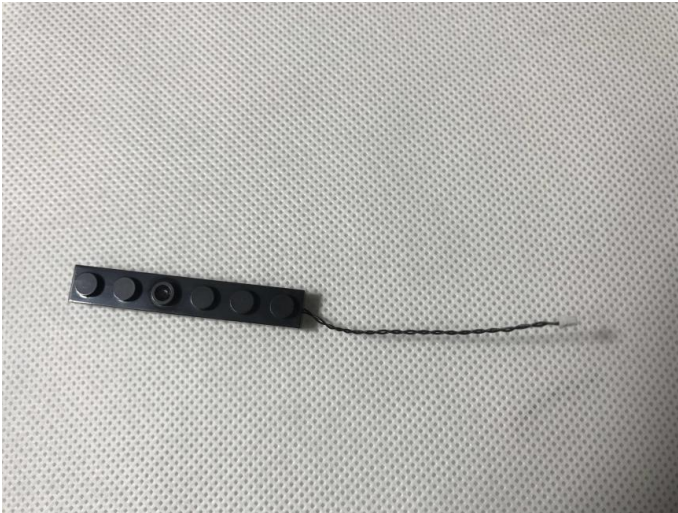
57. Thread the other end of the cable down and wind it around the gap of the gray piece for 2 times.



58. Pull it out from the lower place, wind it around the pole for one time.



59. Stick a strip on the base plate, insert a 5cm cable to it.



60. Connect the other end of the cable from the pole to the strip, place the strip on the blue beam.

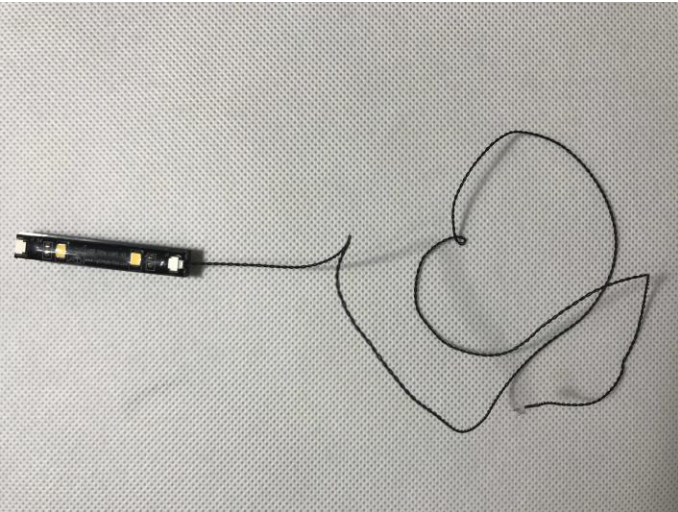


61. Stick another strip on the plate, also connect a 5cm cable to it as we did before

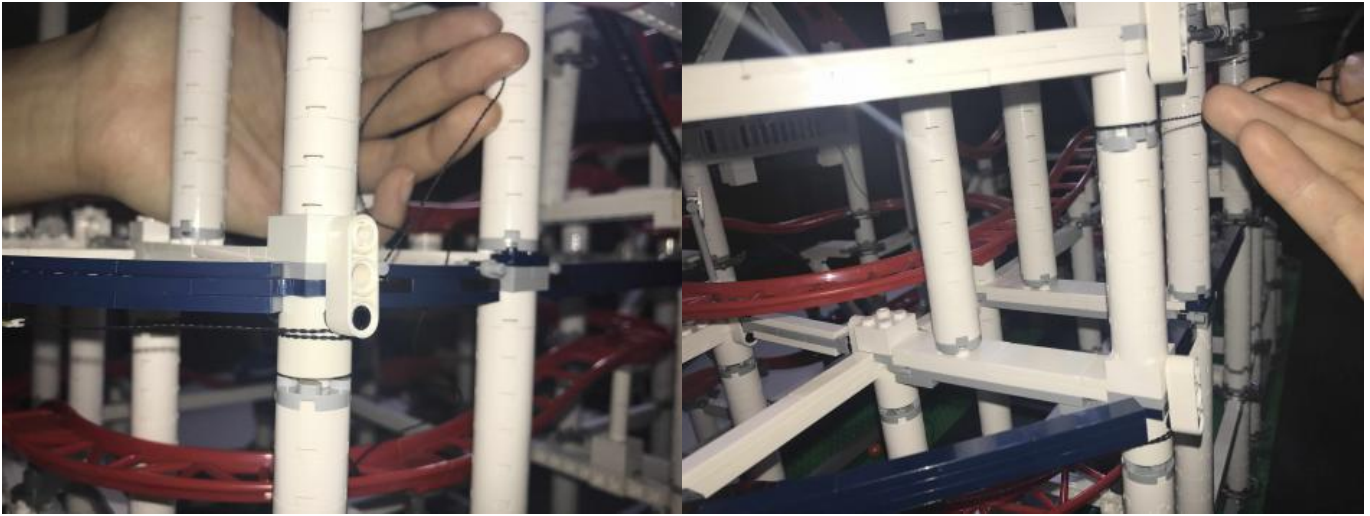




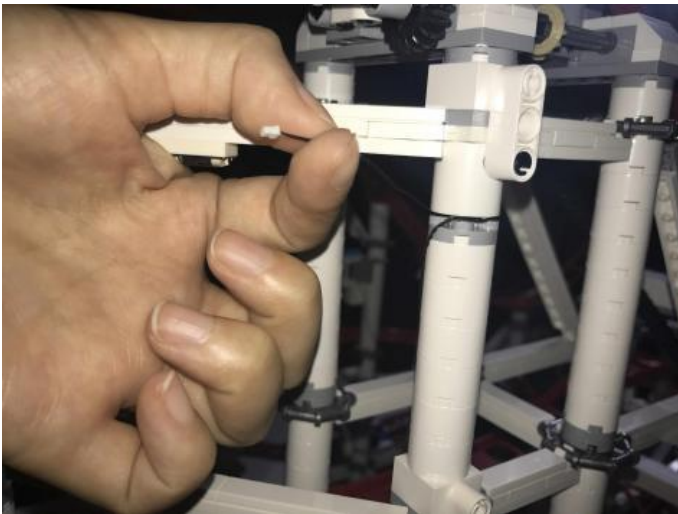
63. Connect the 50cm cable to the strip, then, connect the 5cm cable from the previous strip to the other port, stick it on the blue beam. The installation of strips on the second floor is finished.



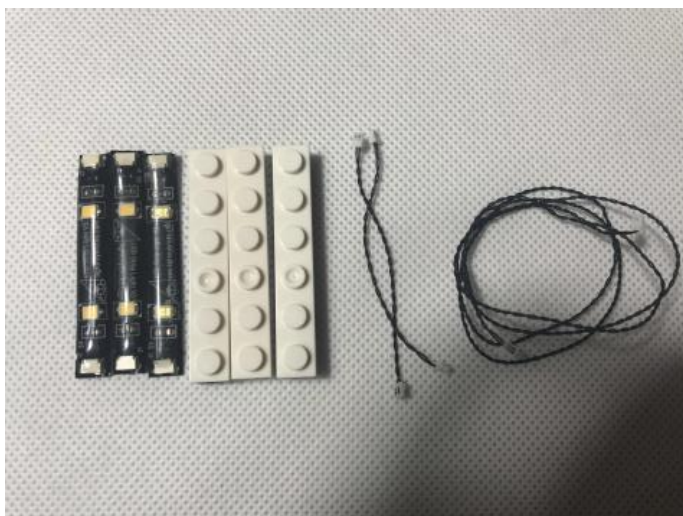
64. Wind the 50cm cable around the pole , pull it up, wind it around the gray gaps at the third and the fourth level.



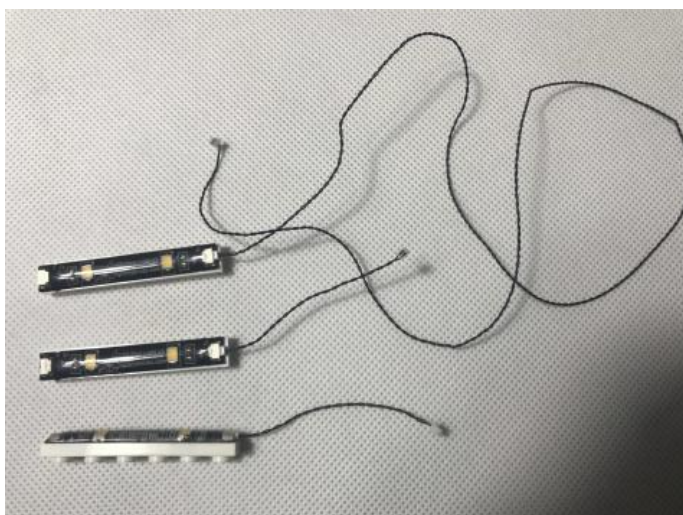
65



66. Take 3 warm white strips and 3 white 1x6 base plates, 2 connecting 5cm cables and a 50cm cable. Stick every strip on a plate, then, connect 3 cables to each of them.



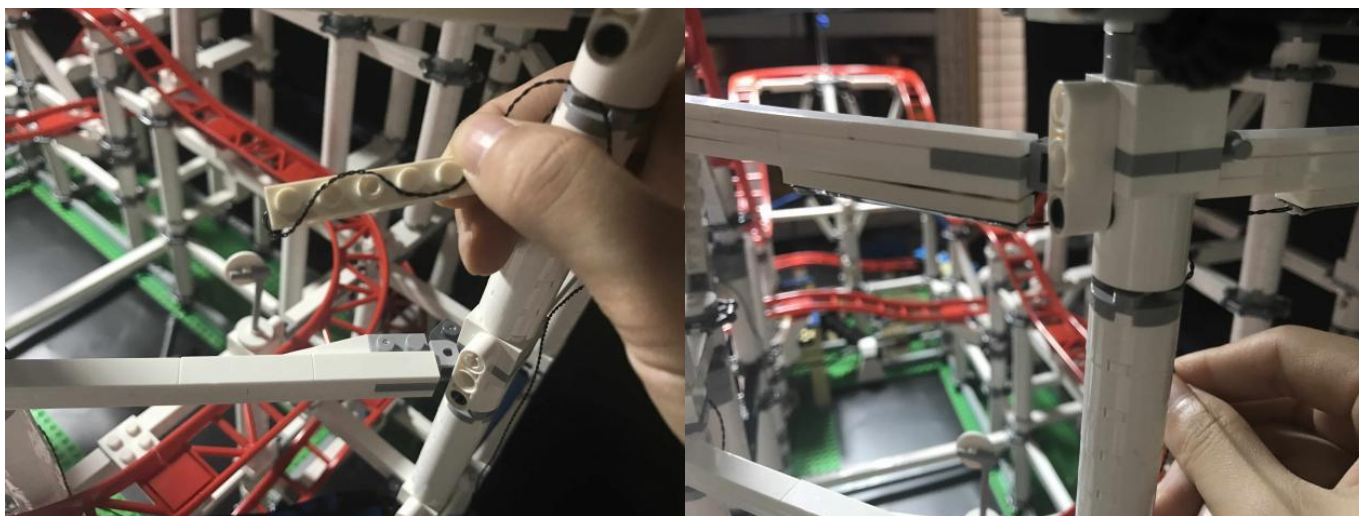
67



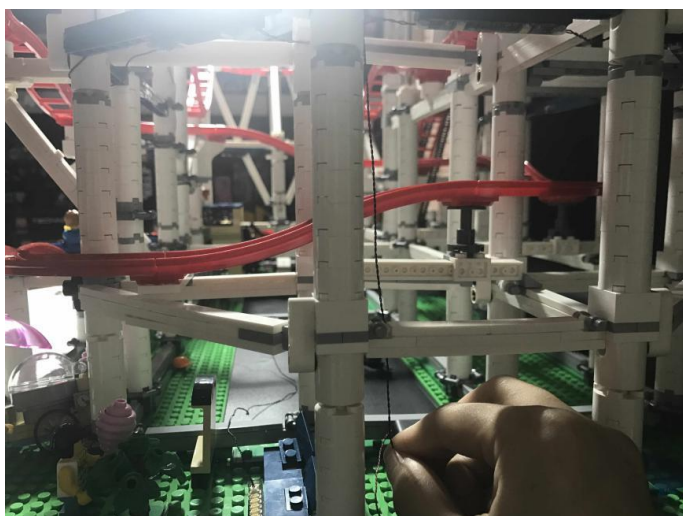
68. Stick the 2 strips with 5cm cables to the white beams on the forth floor.



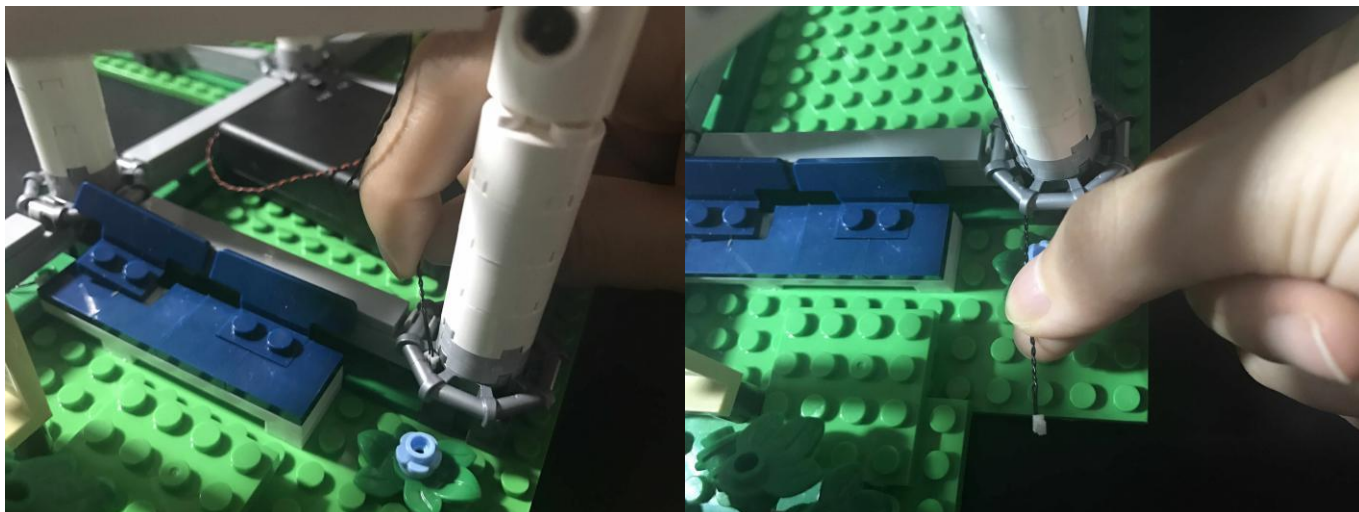
69. Connect the other end of the 5cm cable to the strip with a 50cm cable connected to it, place the 50cm cable between the studs. Stick the strip to the third white beam.



70. Wind the 50cm cable 2 times around the pole on the right side, pull the cable down.



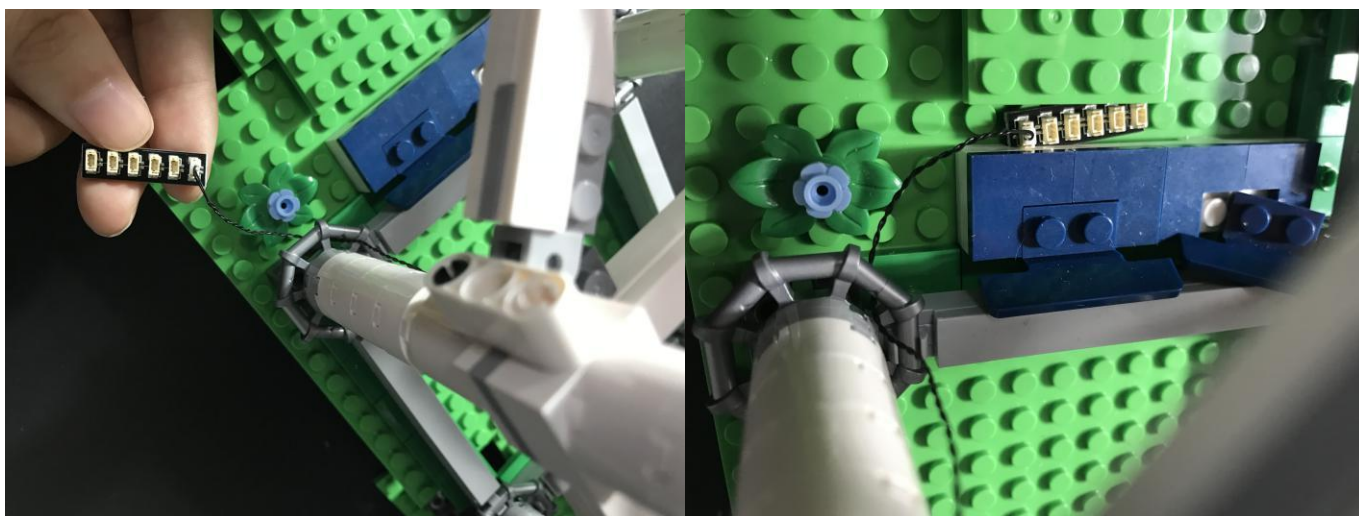
71. Thread the connector side through the hole of the gray piece.



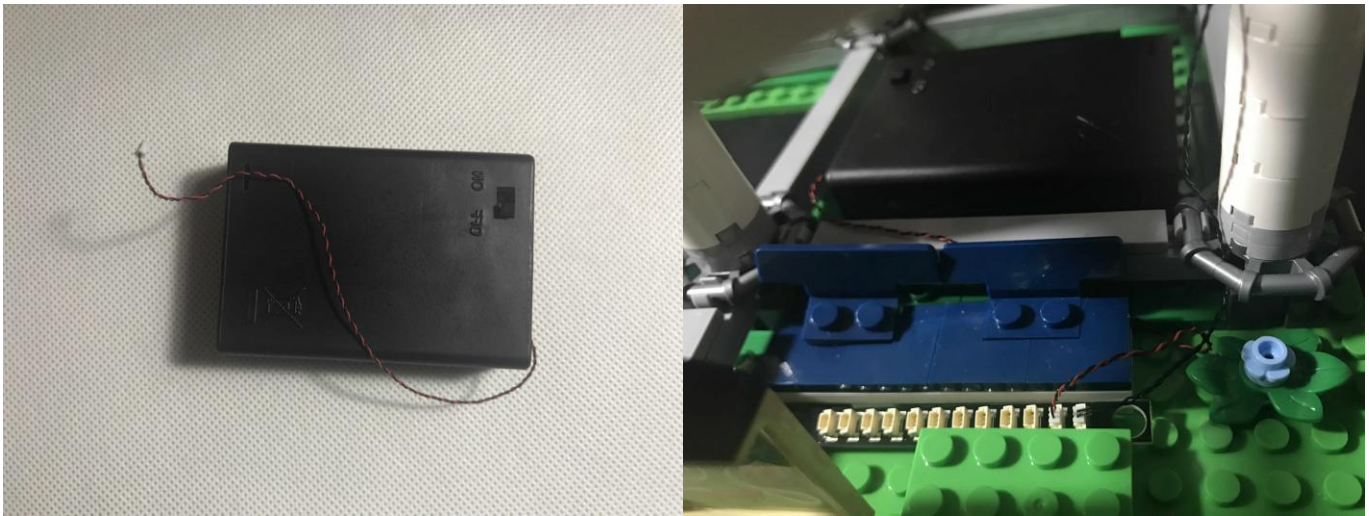
72. Take a 6-port expansion board.



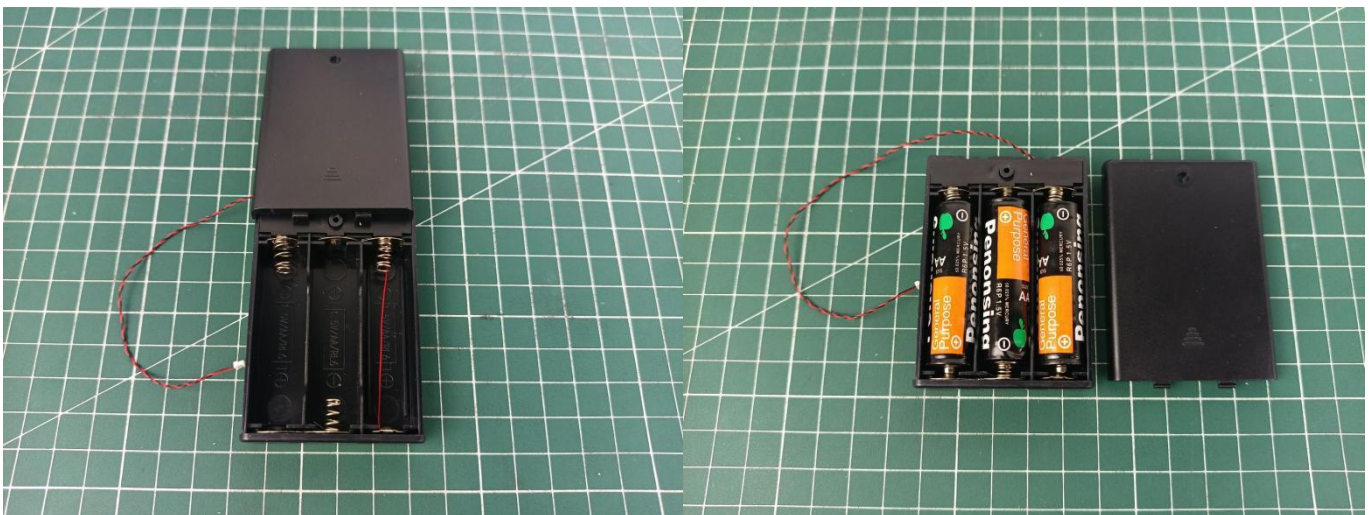
73. Insert the 50cm cable into it, place the expansion board on the base.



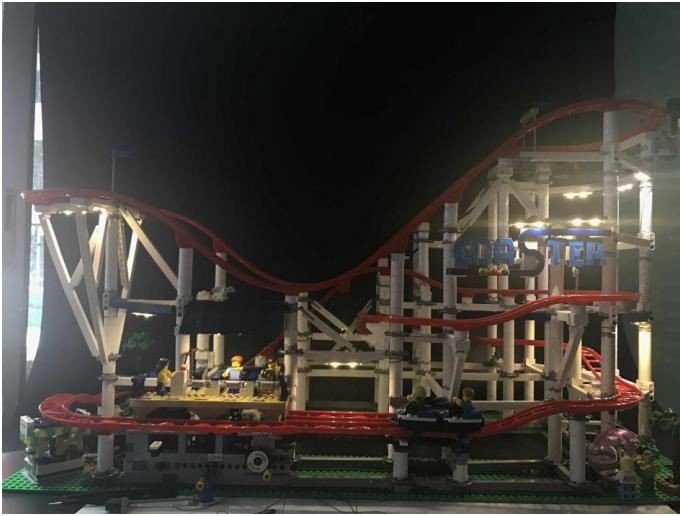
74. Take a AA battery pack, inserted with 3 batteries, connect its cable to the expansion board, place it in the back.



The AA Battery Box does not contain batteries, please buy three AA batteries in the nearest store and install it in the AA Battery Box.



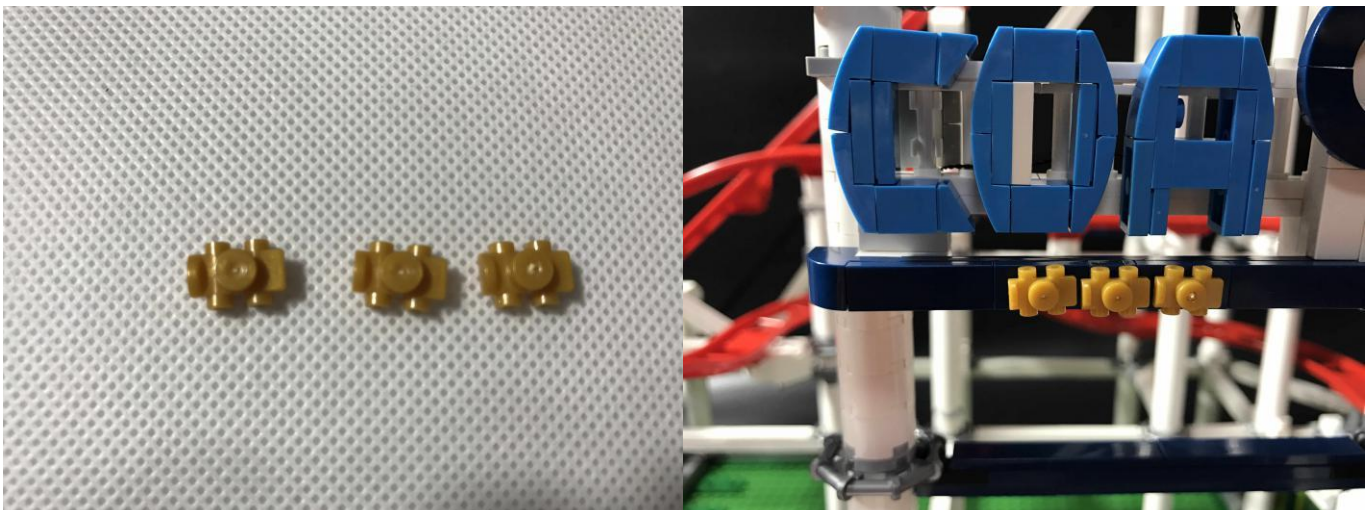
75. Now, we can turn on the battery pack to check the lights we have installed.



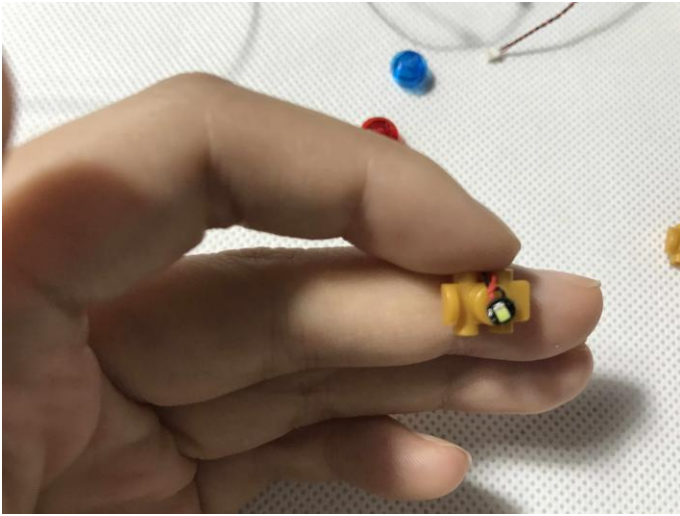
76. take 3 white dot lights, a 8-port expansion board, a 30cm cable, and the green、red、 blue trans round plates.



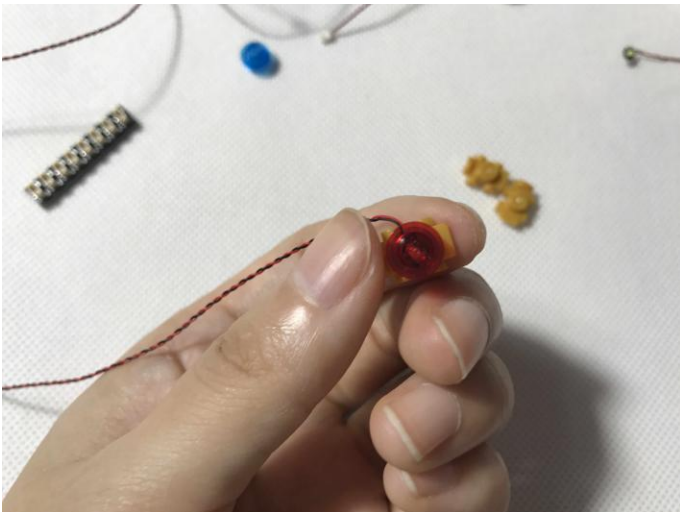
77. Remove the 3 yellow pieces from the ad board.



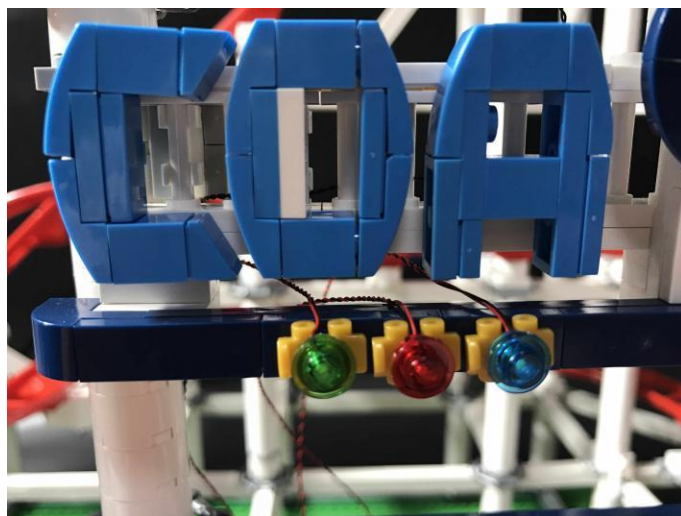
78. Place the dot light on the piece, with its LED component upward, connect the trans round plate over it to secure the light.



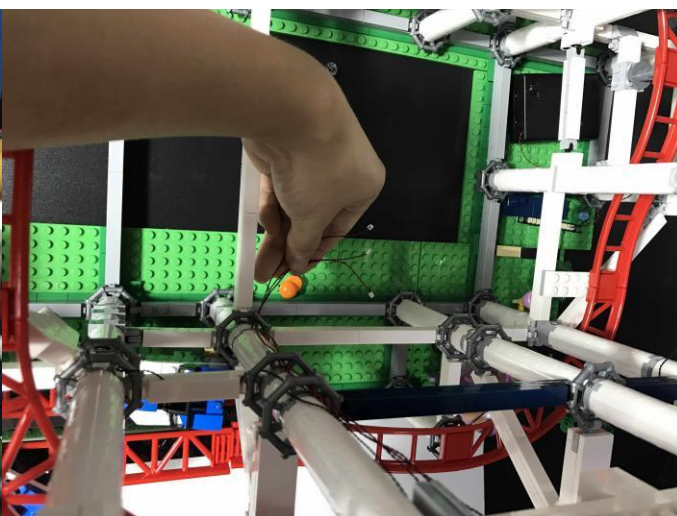
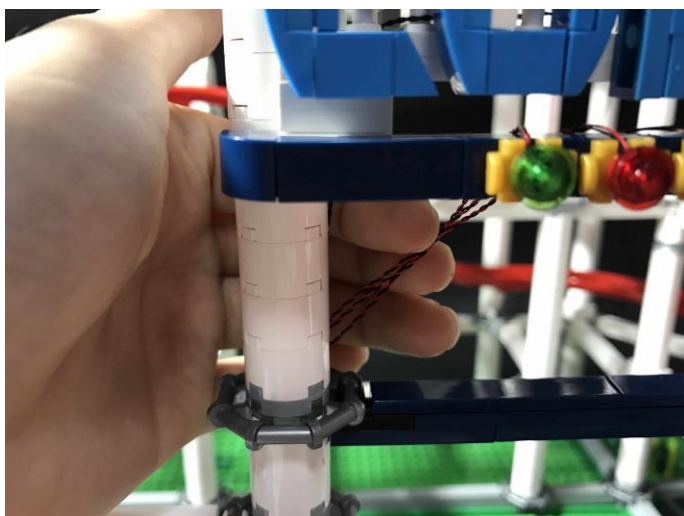
79



80.Repeat the above steps to install the other 2 dot lights, then, reconnect the pieces with lights back to the ad board, ensuring the cables are laying behind



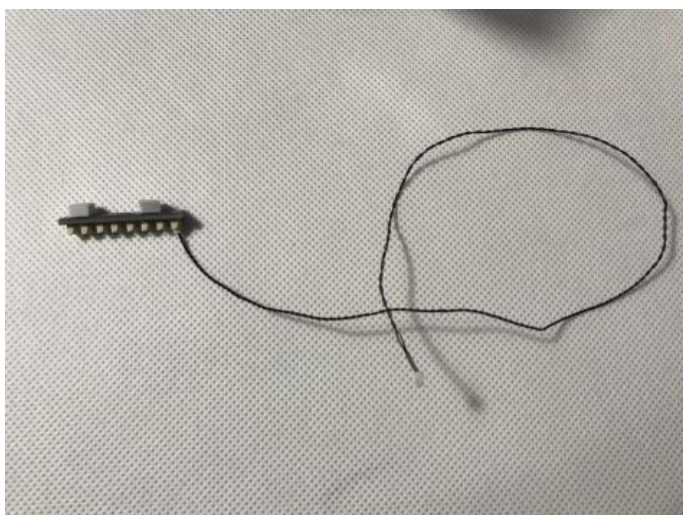
81.Pull the connectors of the lights down through the hole of the gray piece on the third level



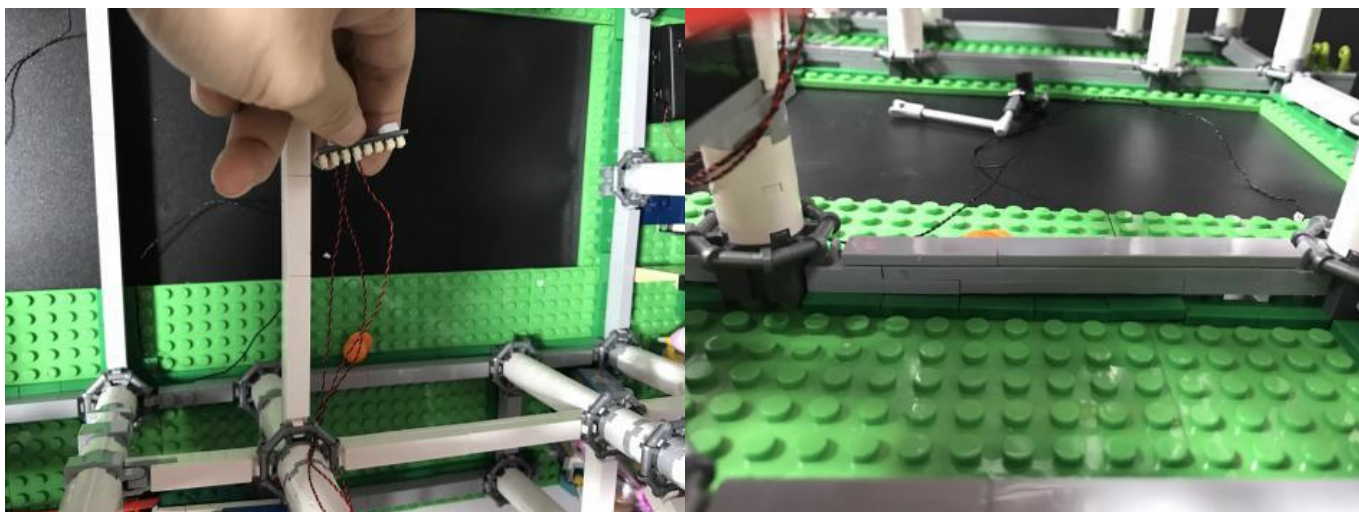
82. Take a 8-port expansion board, stick the adhesive tapes on its back, connect a 30cm cable to it



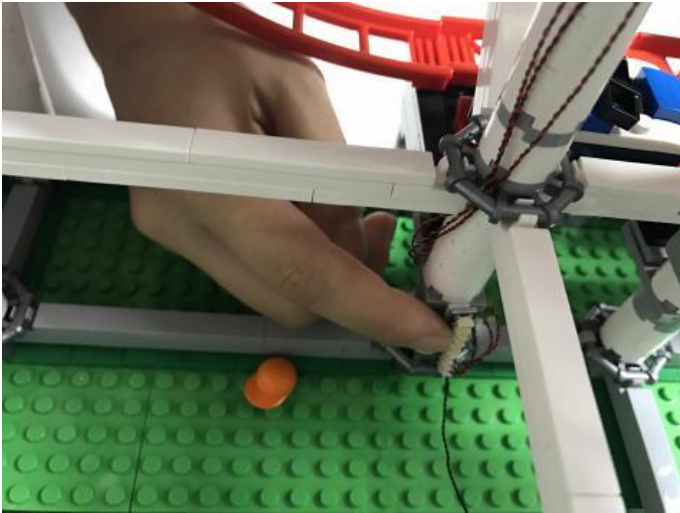
83



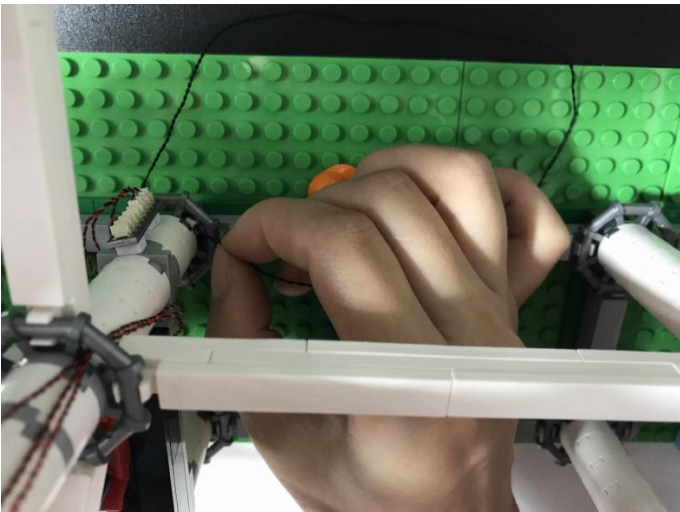
84. Insert the 3 connectors from the lights to the expansion board, tuck the excess cable around it



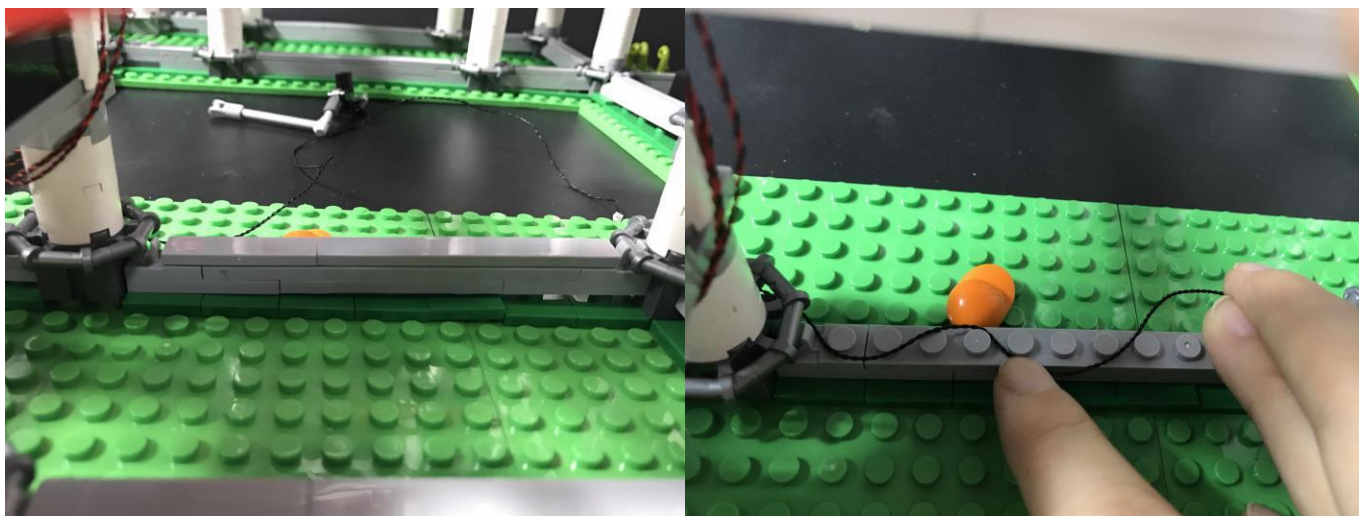
85



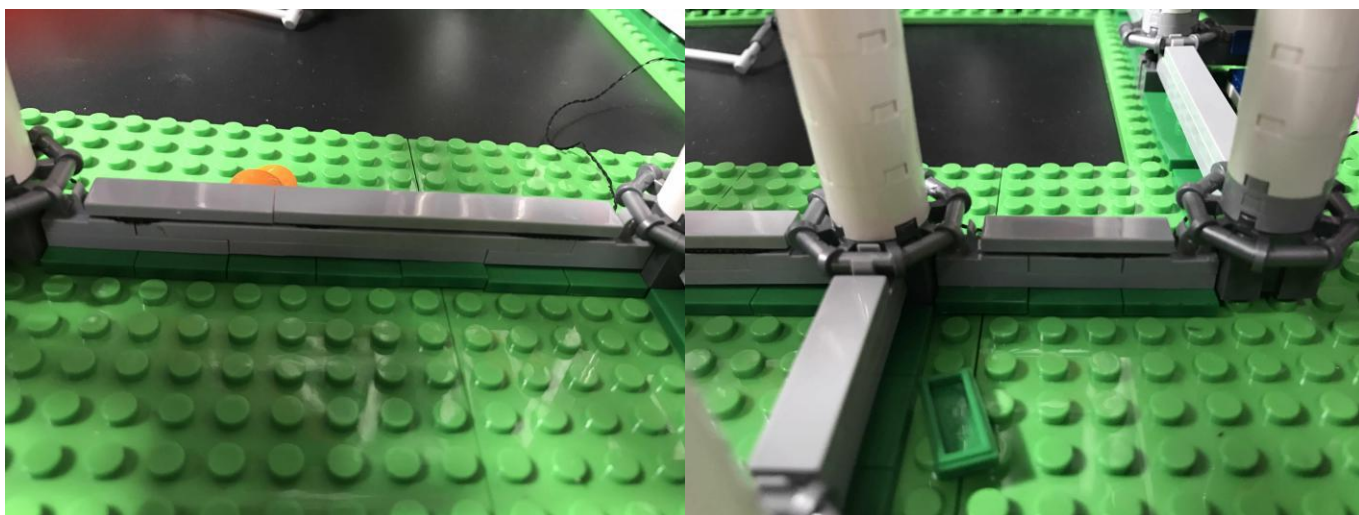
86. Thread the connector side of the 30cm cable through the hole of the gray piece



87. Remove the gray tile, place the cable in between the studs, reconnect the gray piece. repeat this step to pressing the cable underneath the next tile



88



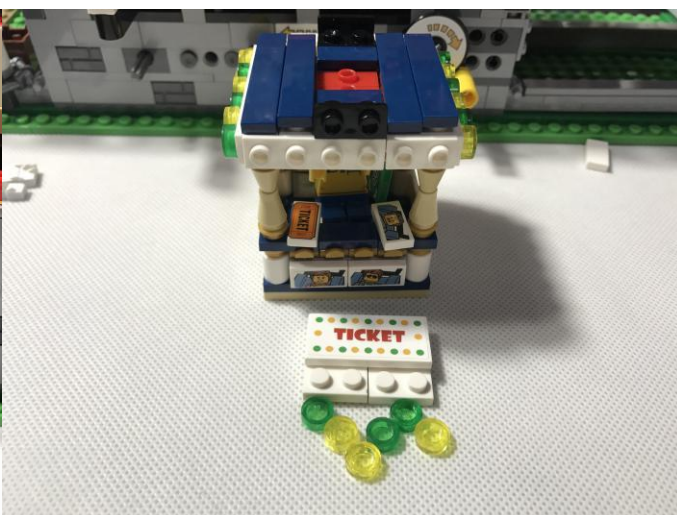
89. Connect the cable to the 6-port expansion board.



90. Now, the installation of lights for the right section is finished, you can turn on the battery pack to check the lights.



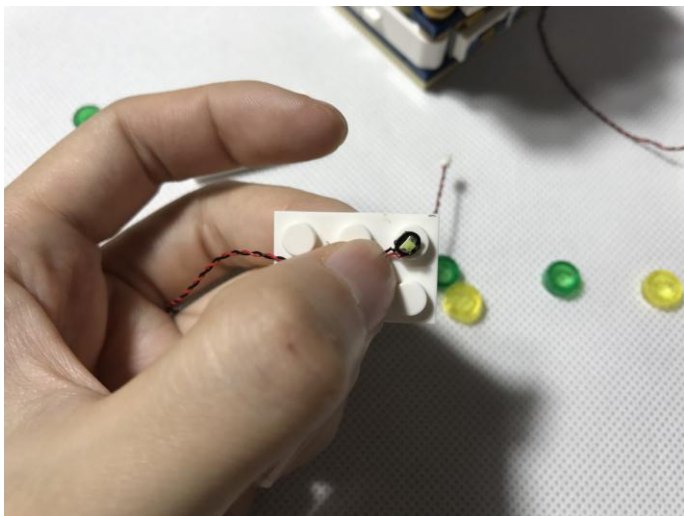
91. Separate the house at the left side from the roller coaster, remove the signboard



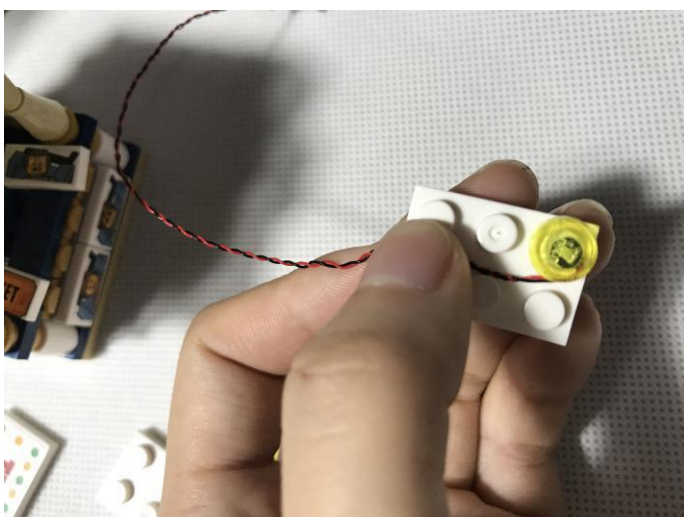
92. Take 6 flashing white 15cm dot light



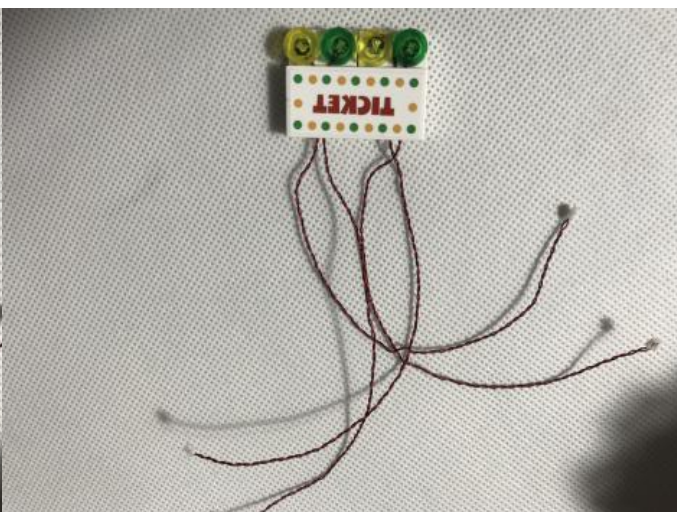
93. Install it on the stud of the white piece, reconnect the trans piece to secure the light.



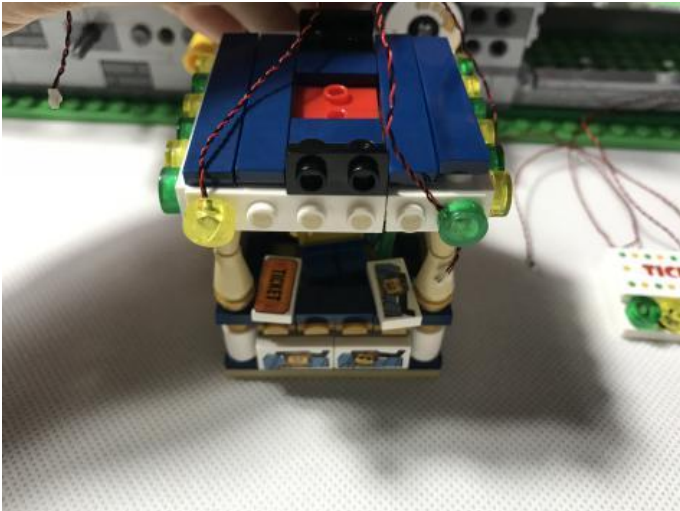
94



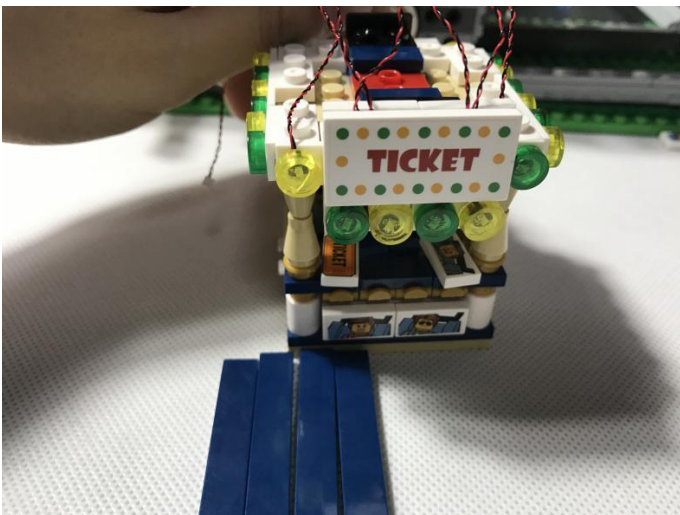
95. Repeat the previous steps to install all the 6 dot lights. Ensure you press the cables in between the studs.



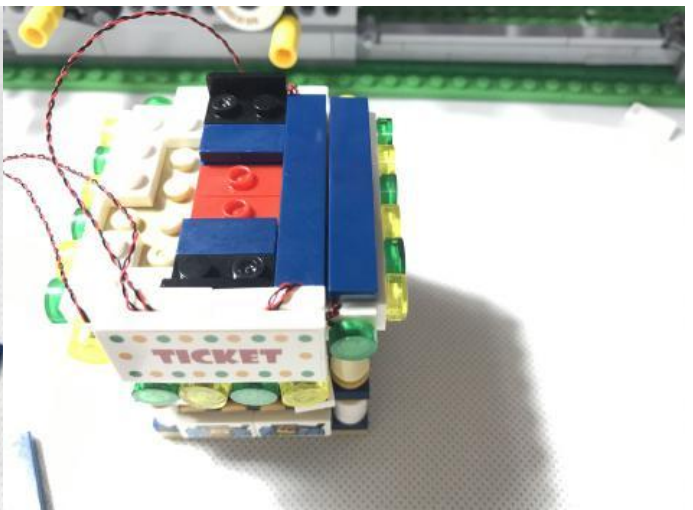
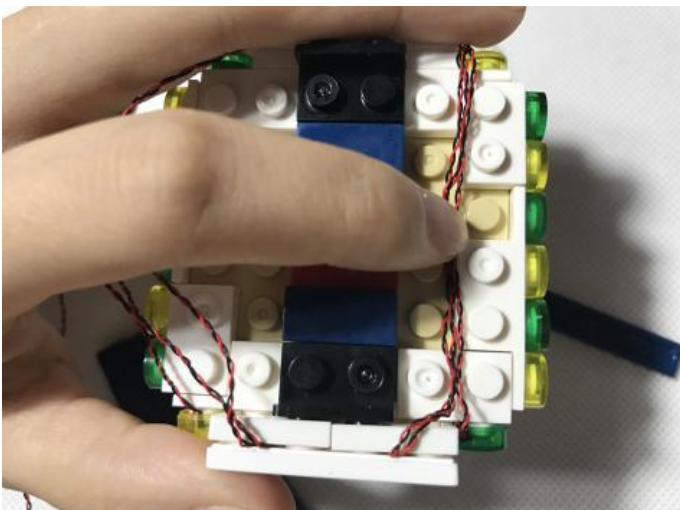
96

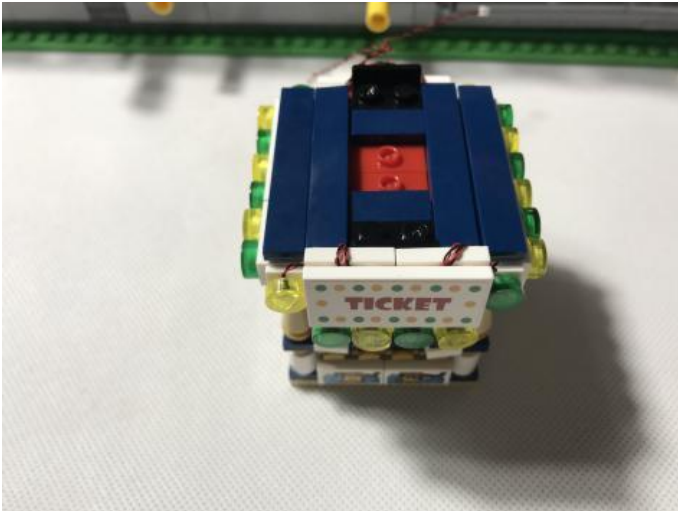


97.Reconnect the signboard. Remove the 4 blue tiles from the roof.

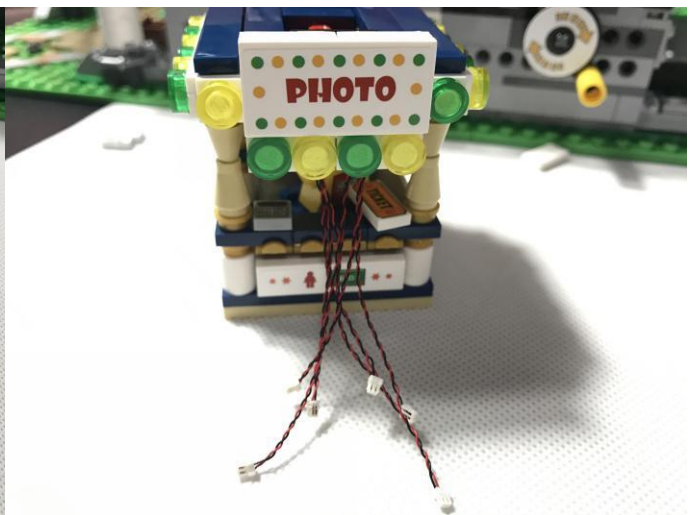
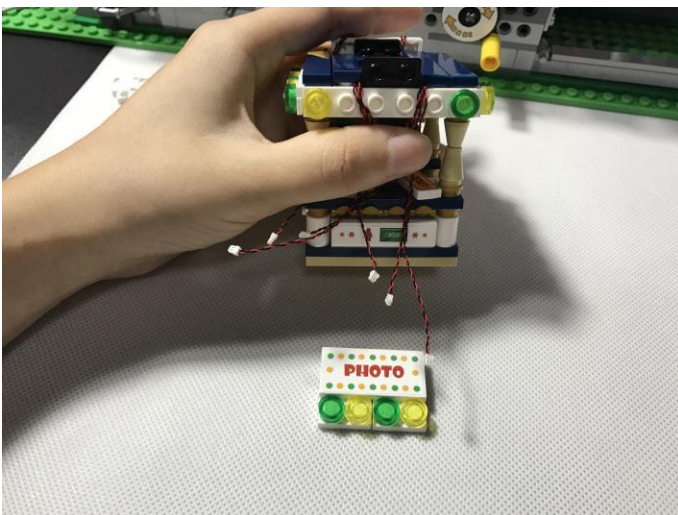


98.Group the 3 cables from the right side together to form a larger one, press them in between the studs, reconnect the blue pieces. And repeat it for the other 3 cables at the left.





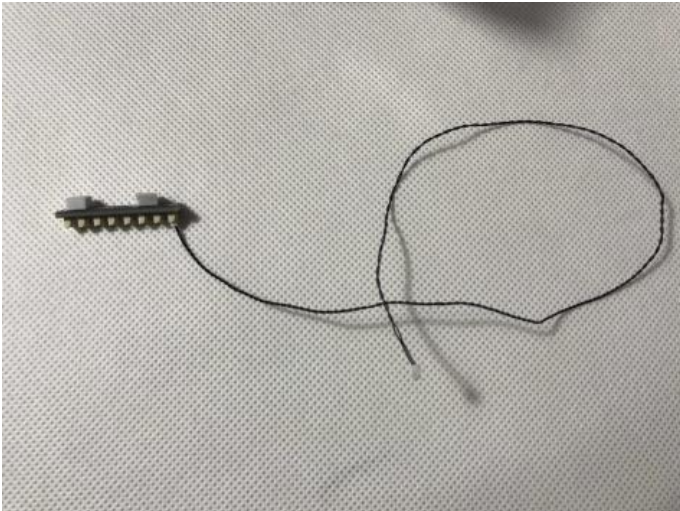
100. Remove the signboard at the back, place the cables in between the studs



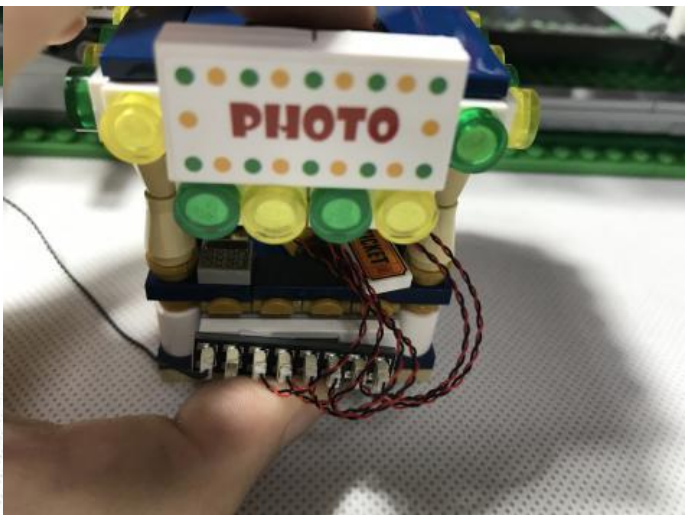
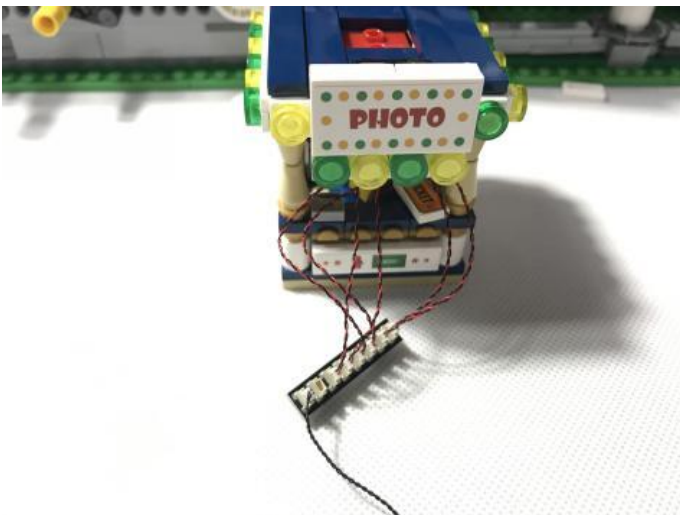
101. Take a 8-port expansion board and 2 pieces of adhesive tapes, stick the tape at the back of the expansion board, connect a 30cm cable to it



102



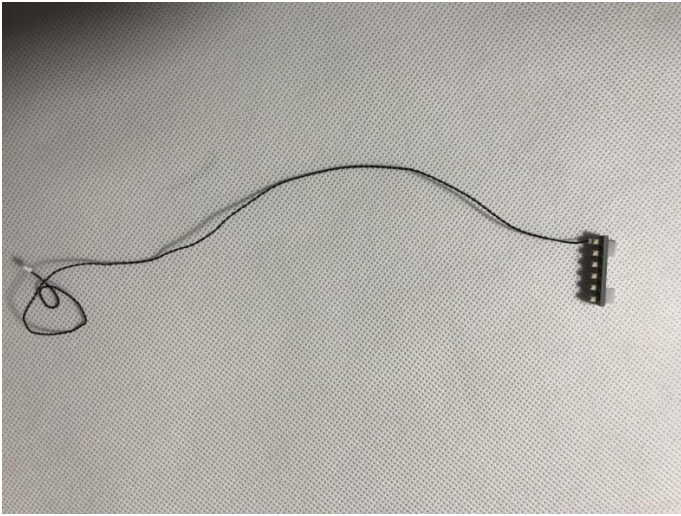
103. Connect the cables of the lights to the expansion board, stick the expansion board at the back of the house, reconnect the house section.



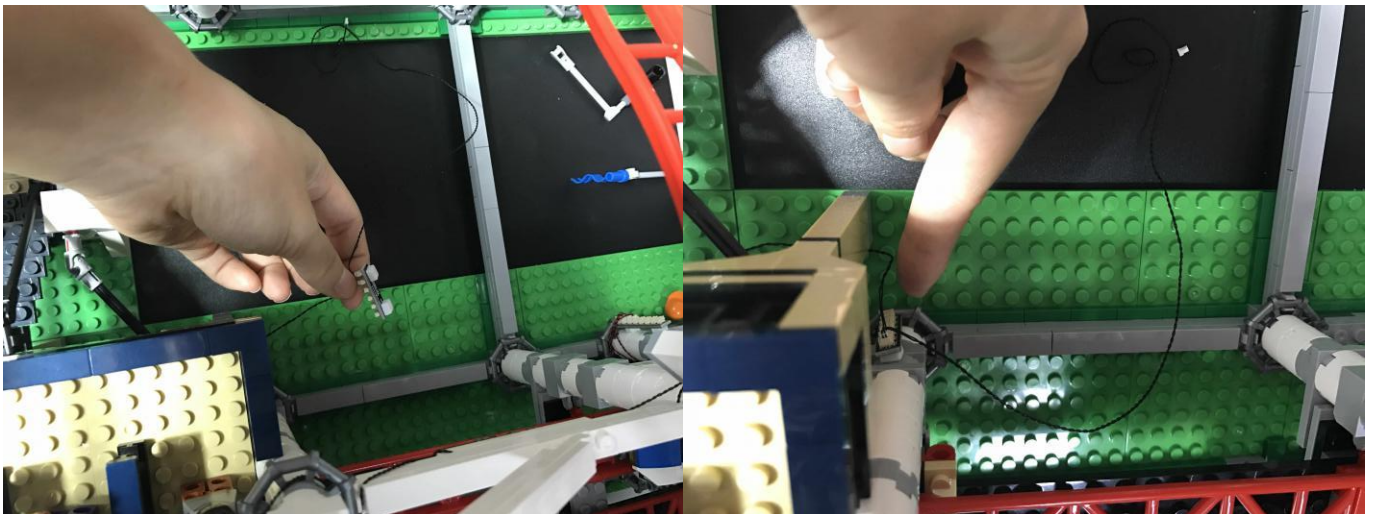
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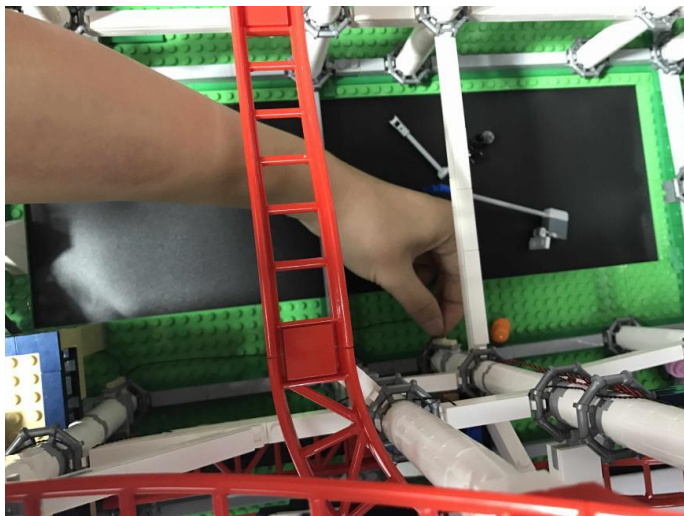
105. Take a 6-port expansion board, 2 pieces of adhesive tapes, a 30cm cable. Connect them as we did before



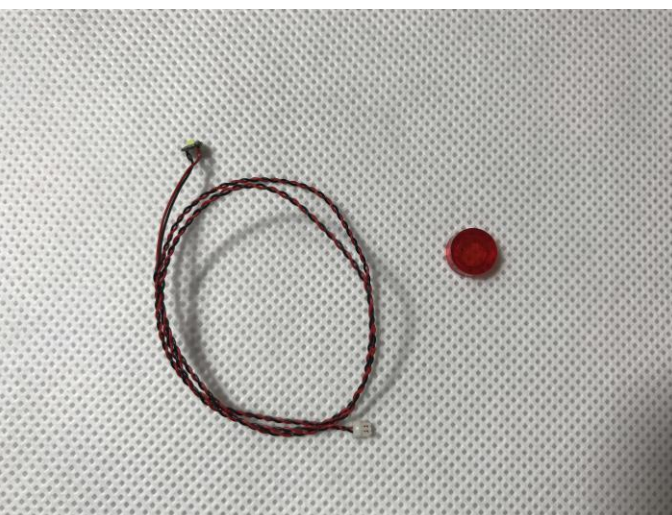
106. Pull the cable from expansion board at the back of the house to the right side of the console, connect it to the 6-port expansion board, then, stick the expansion board at the bottom of the pole.



107. Connect the cable to the 8-port expansion board, hide it underneath the gray beam in between studs



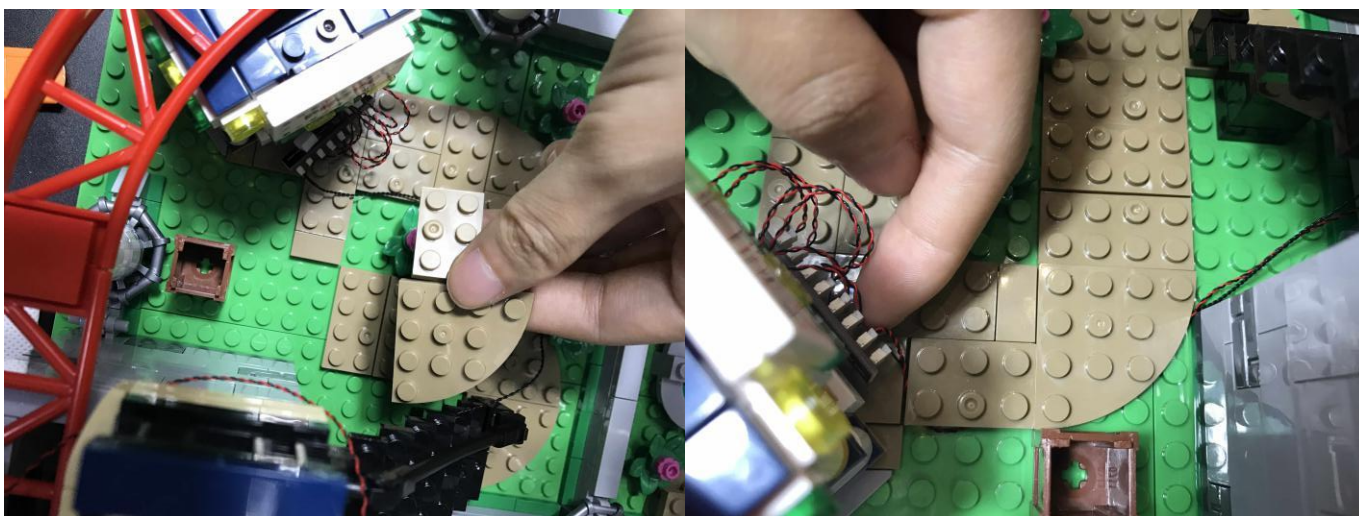
108. Remove the following trans red piece from the console, take a white 30cm dot light



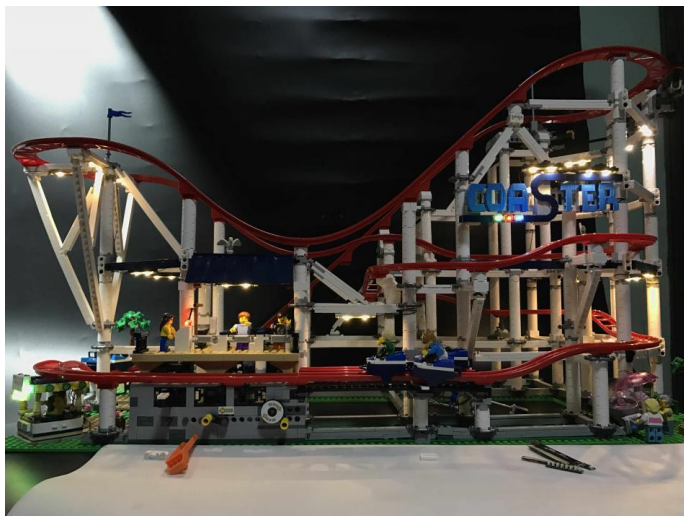
109. Place the dot light where the trans red piece is taken from, then ,reconnect the trans red piece to secure it. Pull the cable downward along the stairs behind the console



110. Remove the following pieces, hide the cables underneath in between studs



111.Lights for this section is completed, you can turn on the battery pack to check it to check it



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

