

42107 Ducati Panigale V4 R P16103

- P16103 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 “42107 P16103”.
- 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

The PDF installation instructions are of great significance to the installation. If the content of the files cannot be understood, please return to our website to select the video instructions. Also if the video manual cannot be understood, please switch to the PDF manual.

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
Bit Lights-15CM-Warm White	Bit Lights-15CM-Warm White	1
Bit Lights-15CM-Red	Bit Lights-15CM-Red	1
Bit Lights-15CM-Green	Bit Lights-15CM-Green	1
Bit Lights-15CM-Blue	Bit Lights-15CM-Blue	1
Bit Lights-15CM-Yellow	Bit Lights-15CM-Yellow	2
Bit Lights-15CM-Orange	Bit Lights-15CM-Orange	1
Expansion Boards	8 Socket Expansion Board	1
AAA Battery Pack	AAA Battery Pack	1
USB Power Cord	USB Power Cable-50CM	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.



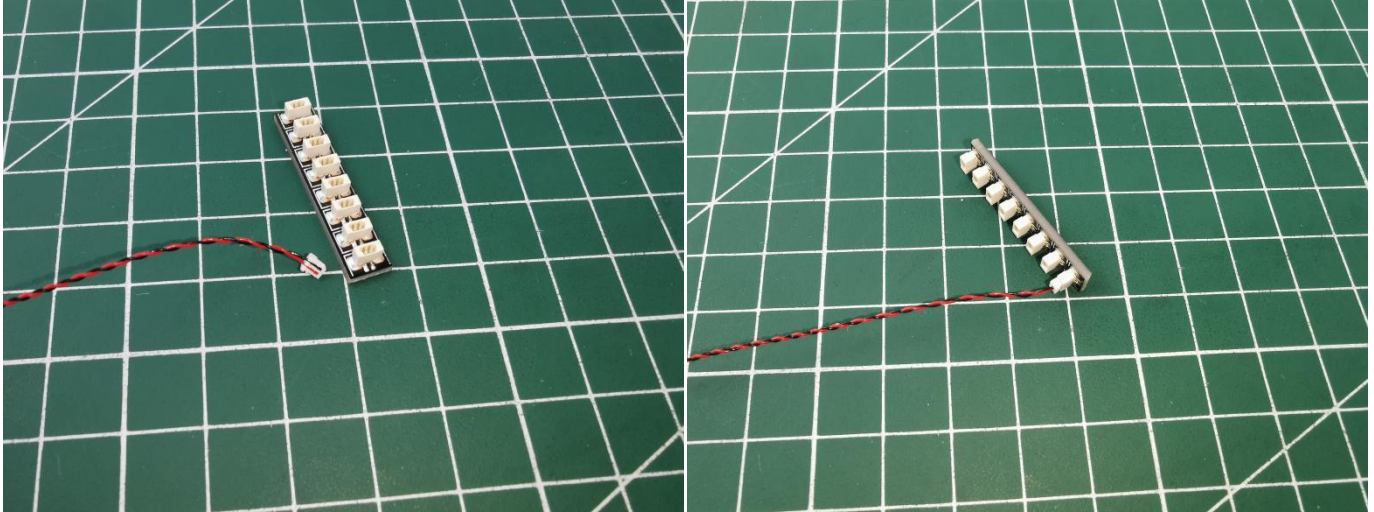
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

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.

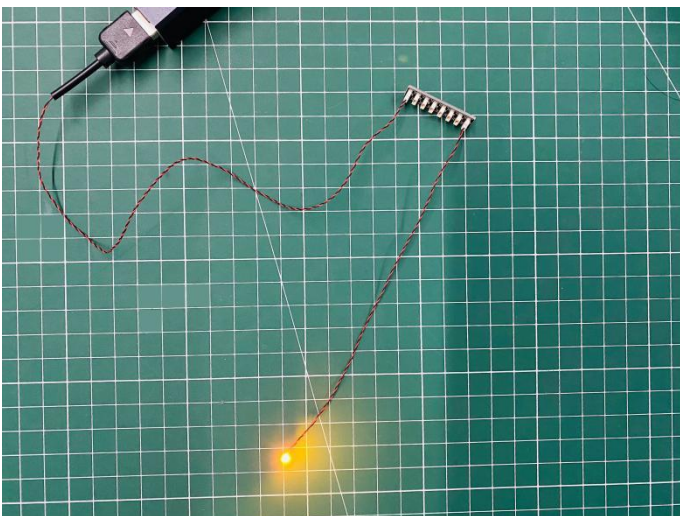
USB connectors to connect devices



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.

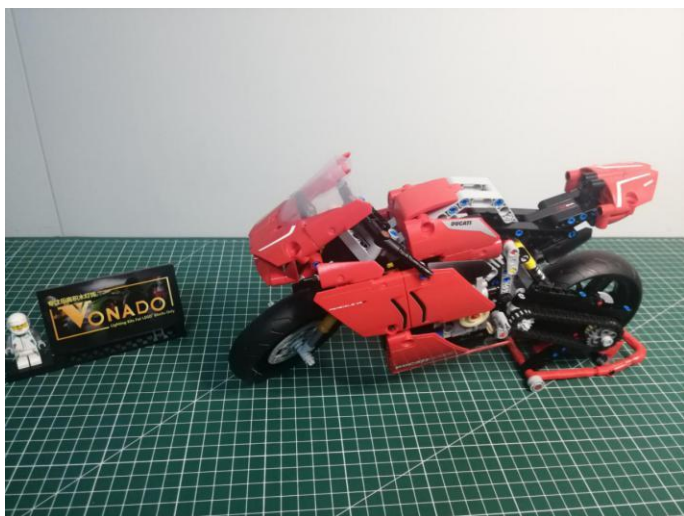


The components needs to be tested in this set is 1*Bit Lights-15CM-Warm White,1*Bit Lights-15CM-Red,1*Bit Lights-15CM-Green,1*Bit Lights-15CM-Blue,2*Bit Lights-15CM-Yellow,1*Bit Lights-15CM-Orange.

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

Section C: laying out components following the instruction.

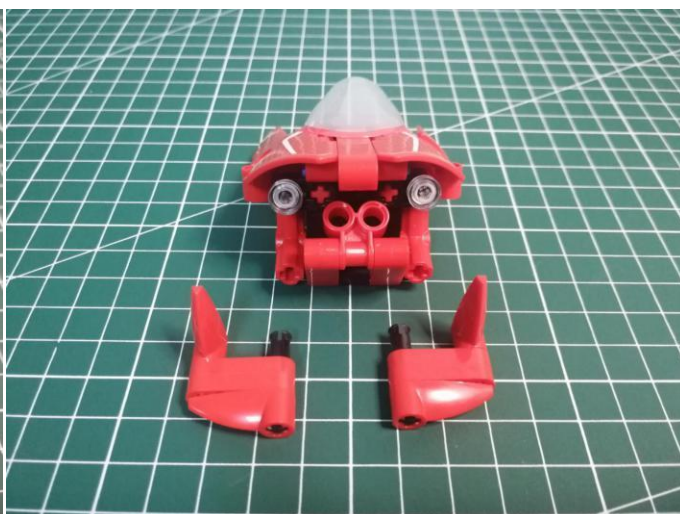
1



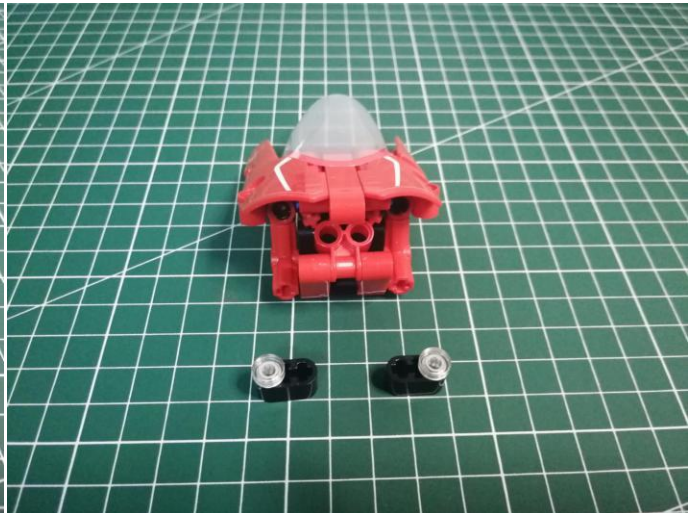
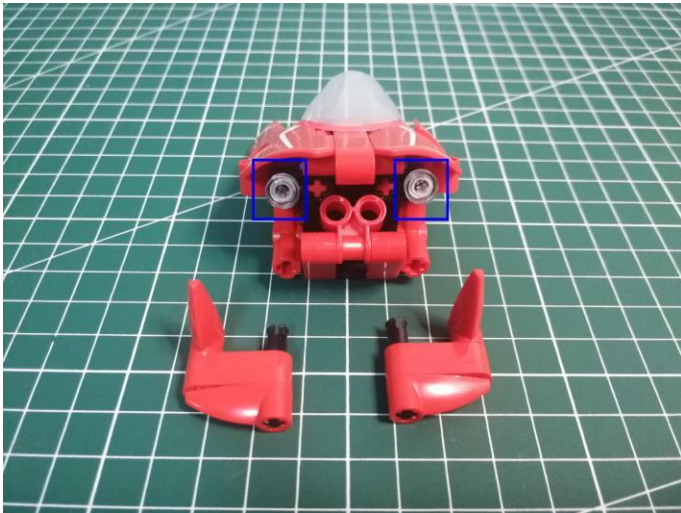
2.Take the head piece as per below.



3.Remove the following pieces.



4.Remove the following lights.



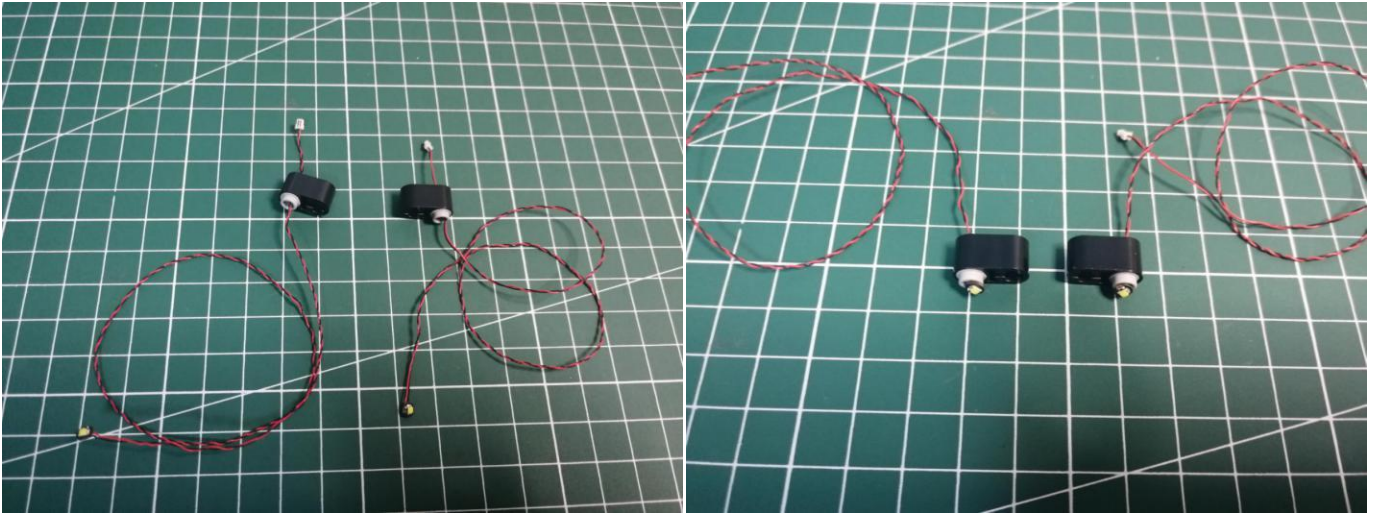
5.Remove the following trans white round plates from the lights.



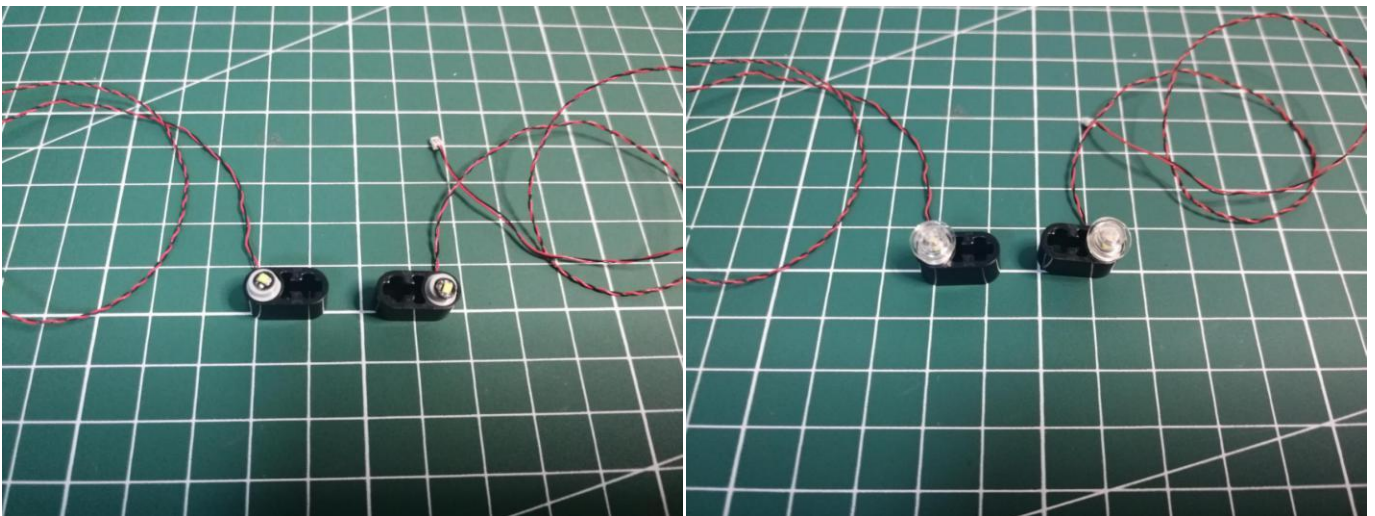
6.Take 2 white 30cm dot lights, 2 trans white 1x1 round plates as per below.



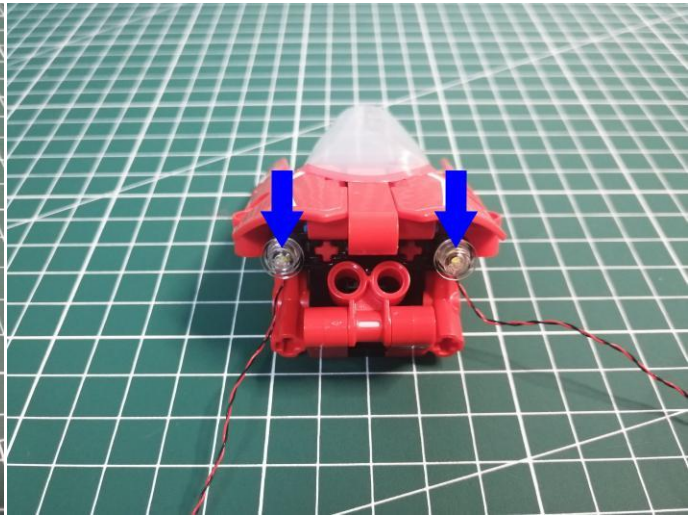
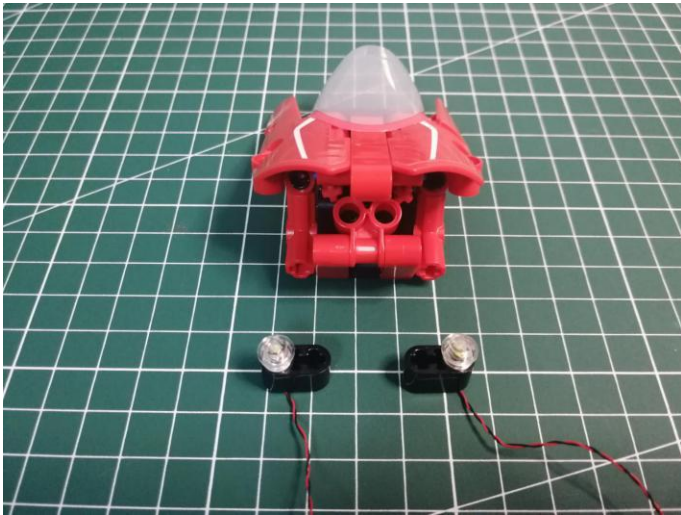
7. With lighting part facing up, thread the cables through the following holes, tighten the cables up.



8. Connect the trans white 1x1 round plates over.



9.Reconnect the lights.



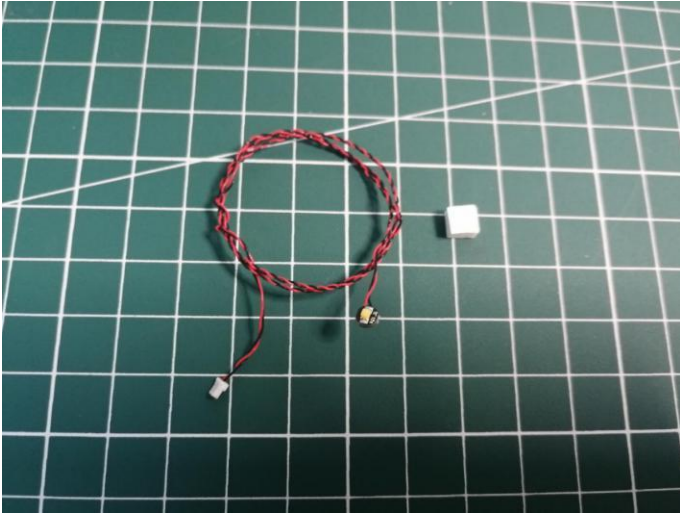
10.Reconnect the following pieces.



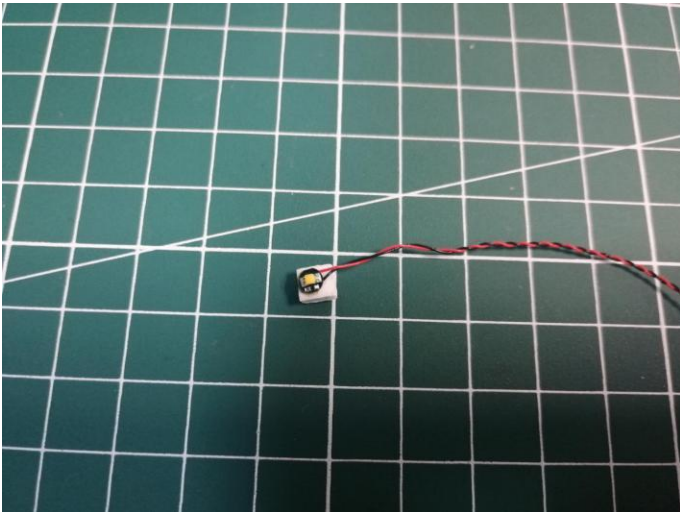
11.Turn to the back.



12. Take a warm white 30cm dot light, an adhesive square as per below.



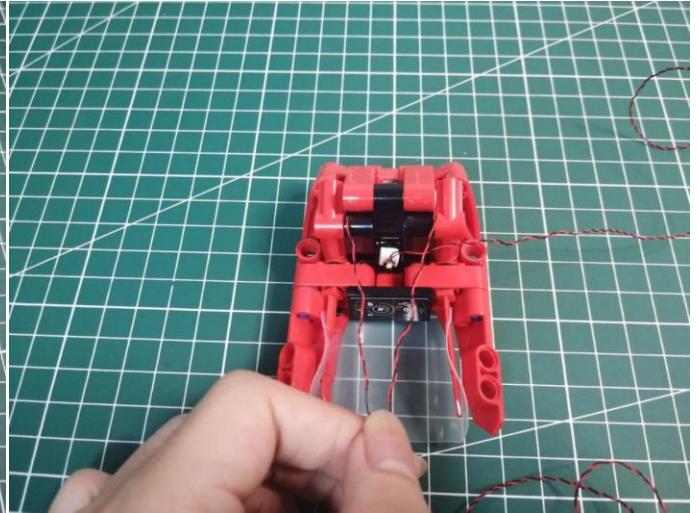
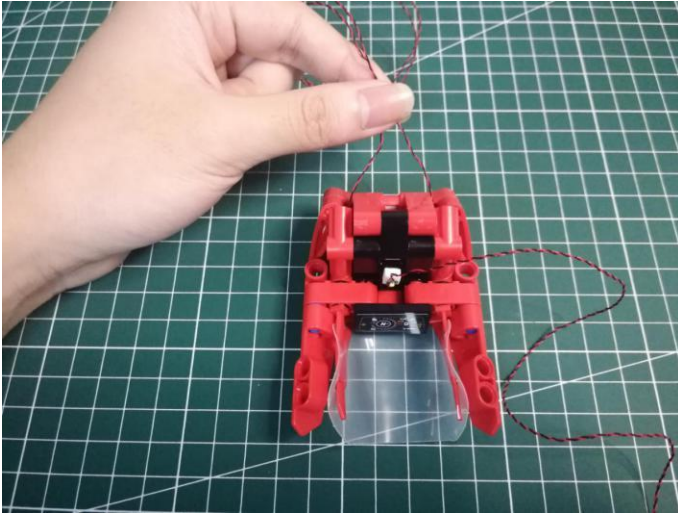
13. Stick it to the back of the light.



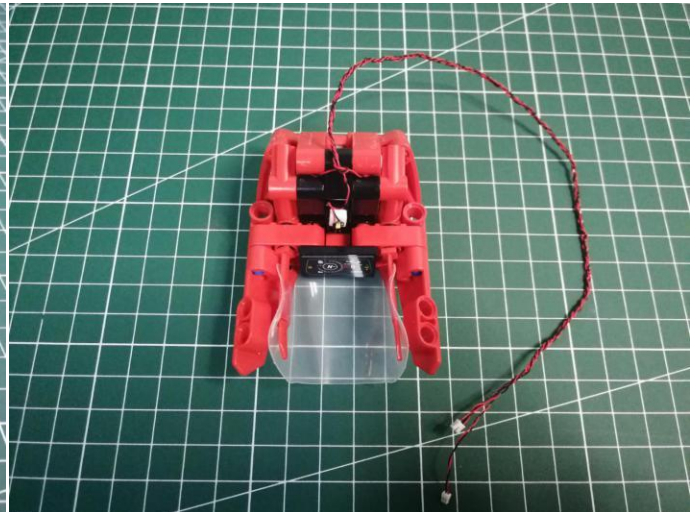
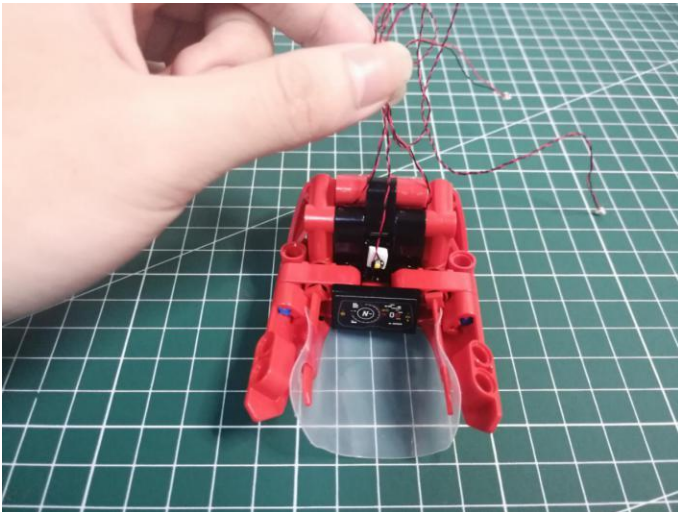
14. Stick the light to the following place.



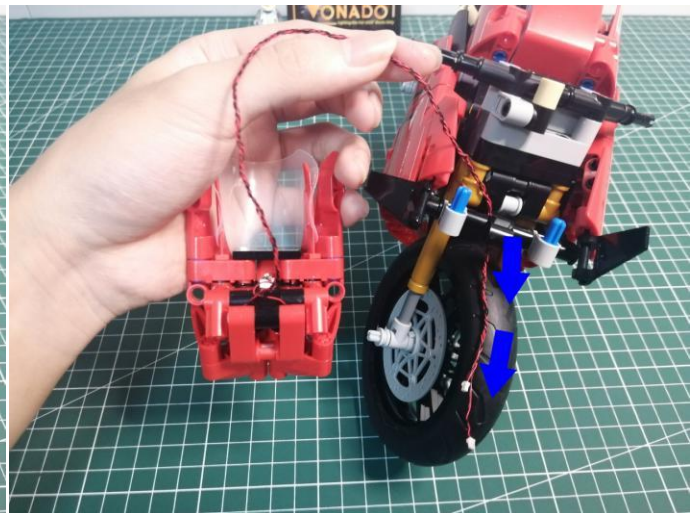
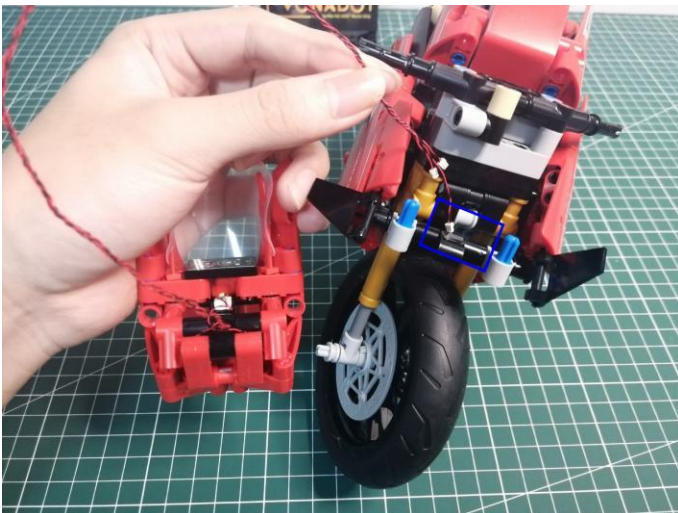
15. Pull the following 2 cables forward.



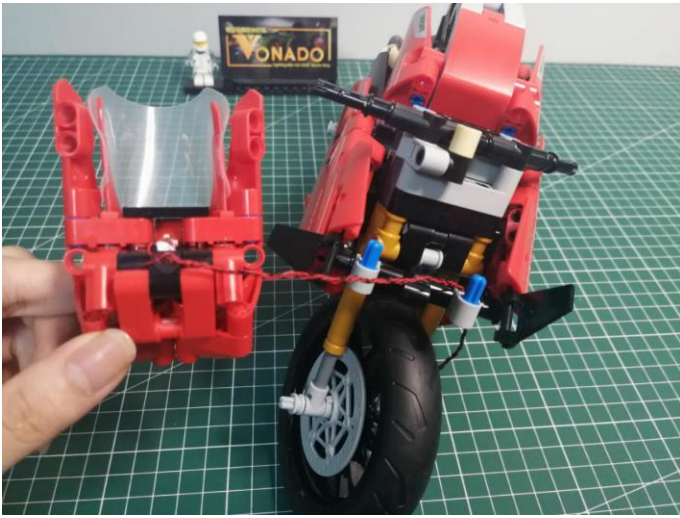
16. Take the following 3 cables, group them together.



17. Thread the cables through the following space.



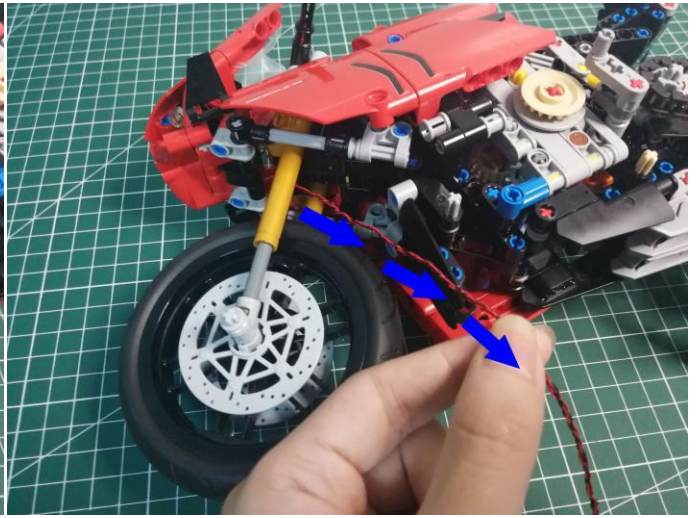
18. Place the cables to the right side, reconnect the head piece.



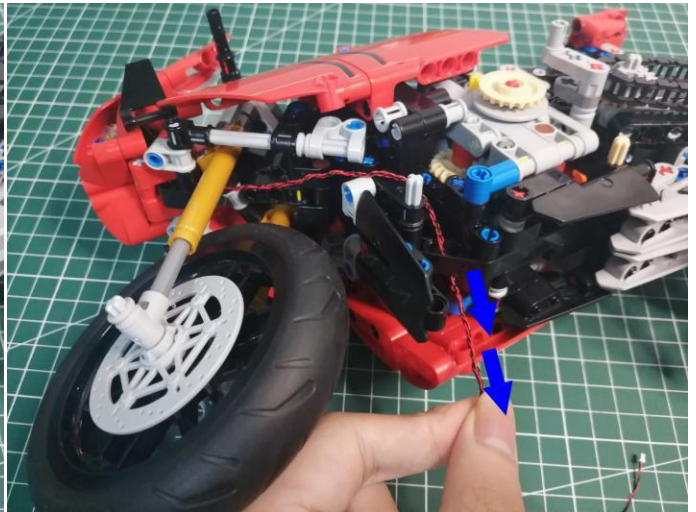
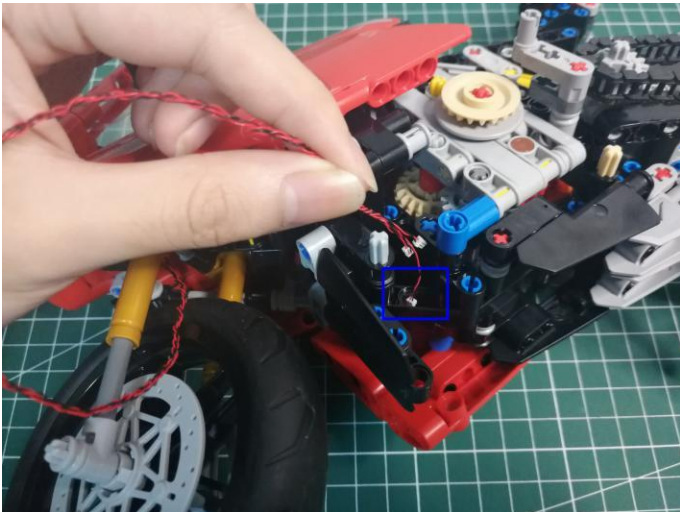
19. Turn the motorcycle over, remove the following piece.



20. Continue to thread the cables through the following space and pull them out.



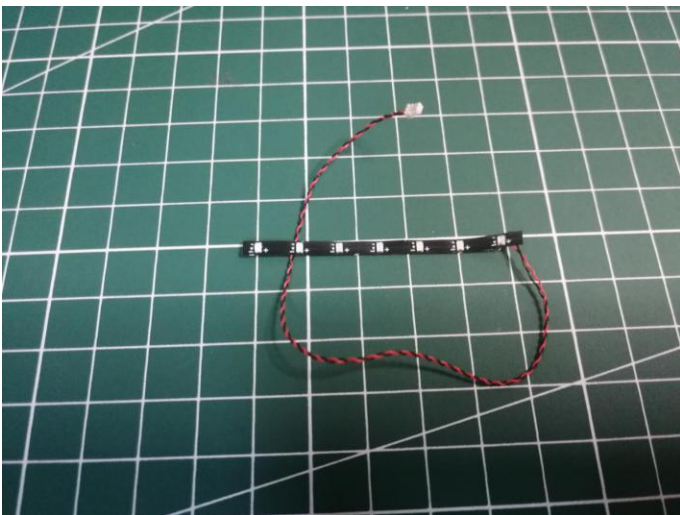
21. Thread the through the following hole.



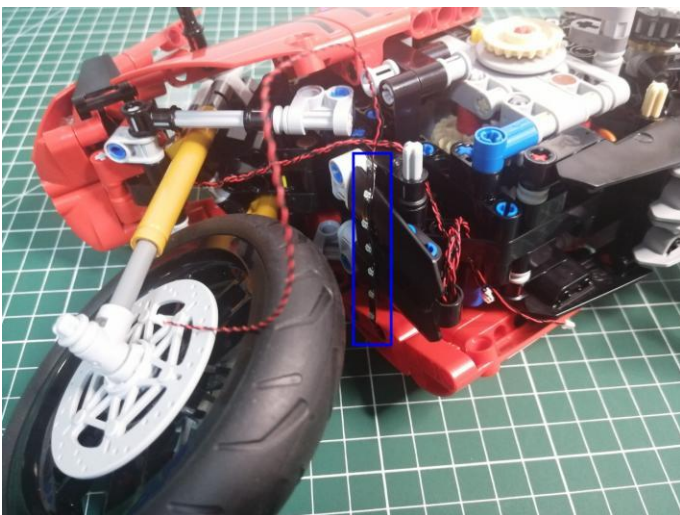
22.Thread them through the following hole and wind them around the piece twice.



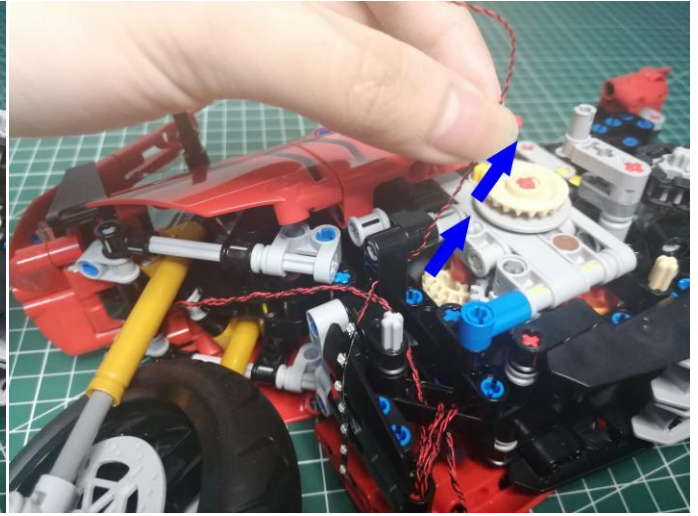
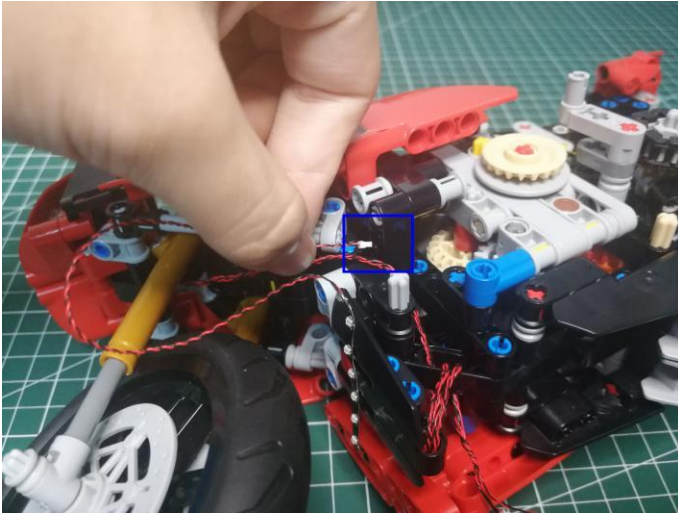
23.Take a red 15cm strip light.



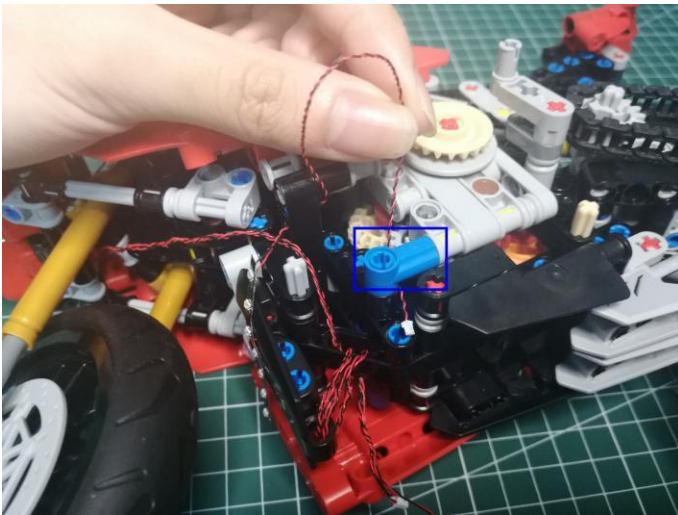
24.Stick the strip light to the following place.



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



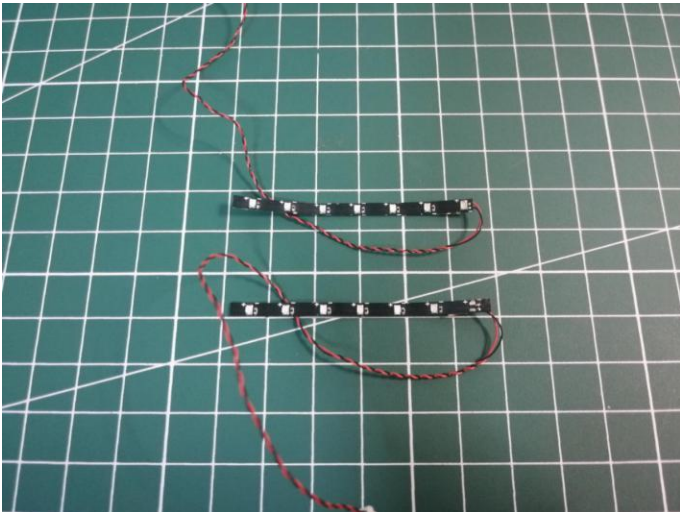
26. Continue to thread the cable through the following space and pull it out.



27.Thread it through the following hole and pull it out.



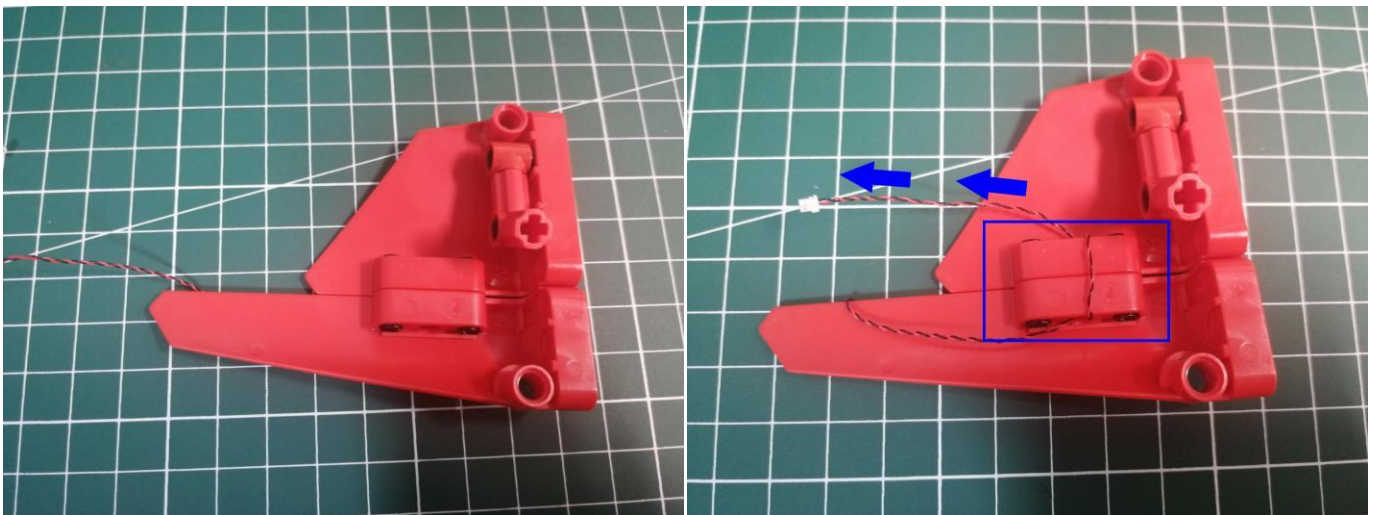
28.Take 2 blue 15cm strip lights.



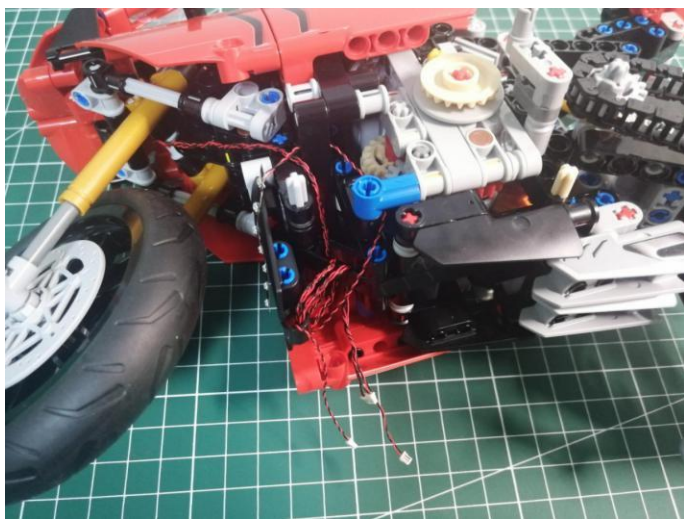
29. Take the piece we removed before, stick the strip light to it as per below.



30. Turn to the back, place the cable as per below.



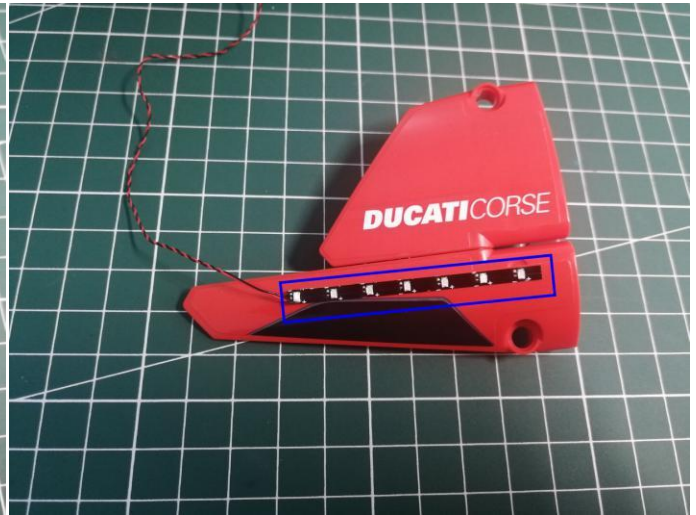
31. Turn to the following place, reconnect the piece.



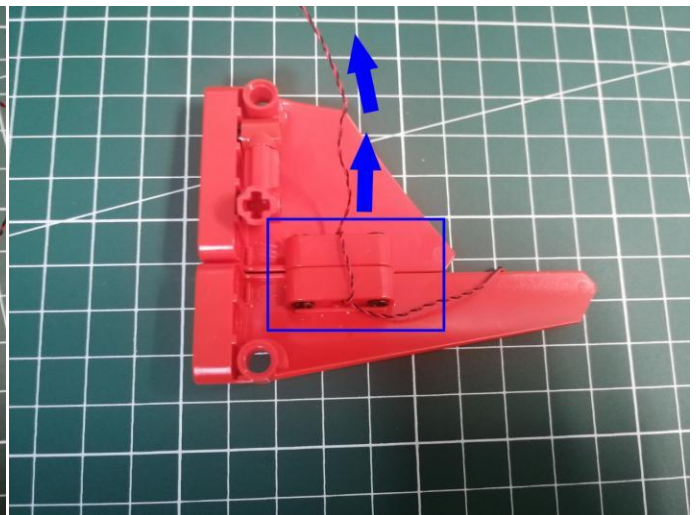
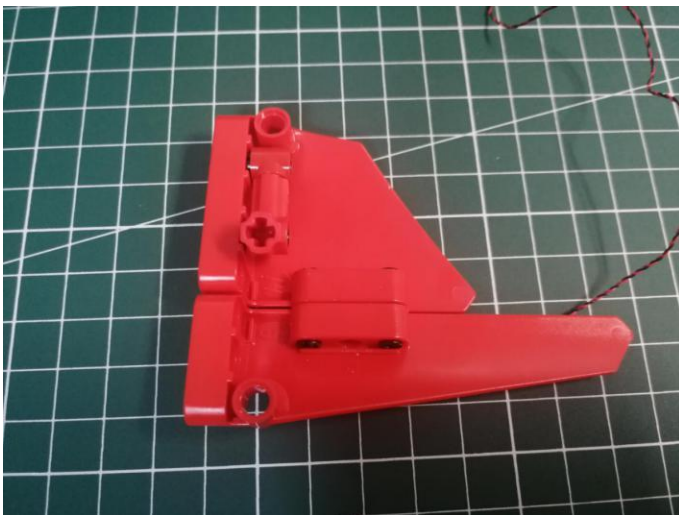
32. Turn to the other side of the motorcycle, remove the following piece.



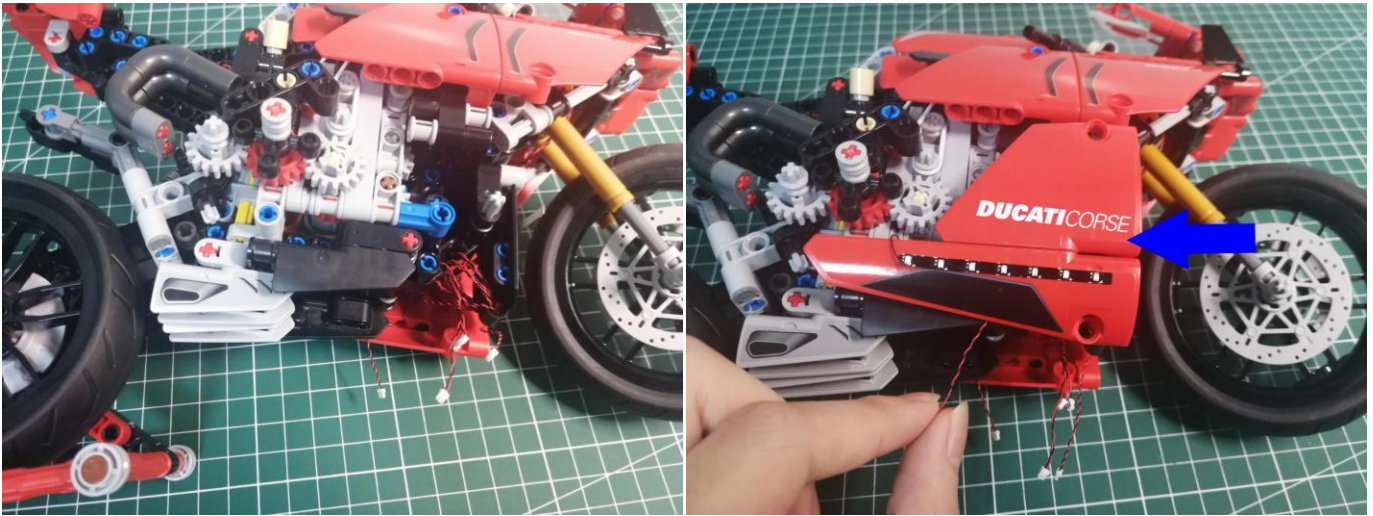
33. Stick the strip light to the following place.



34. Turn to the back, place the cable as per below.



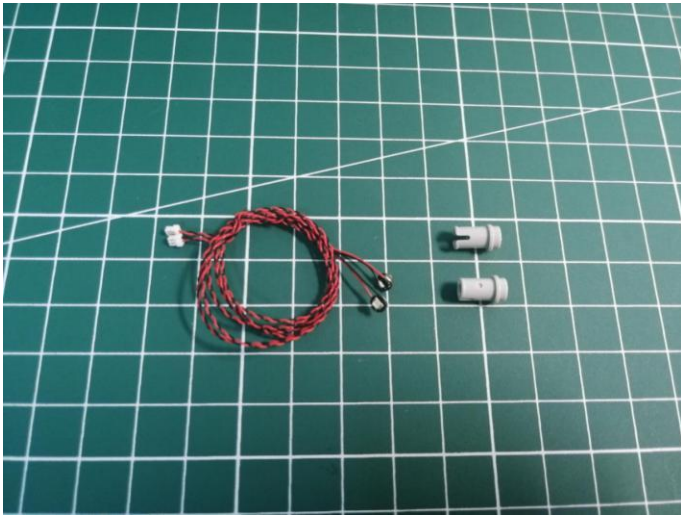
35. Turn to the following place, reconnect the piece.



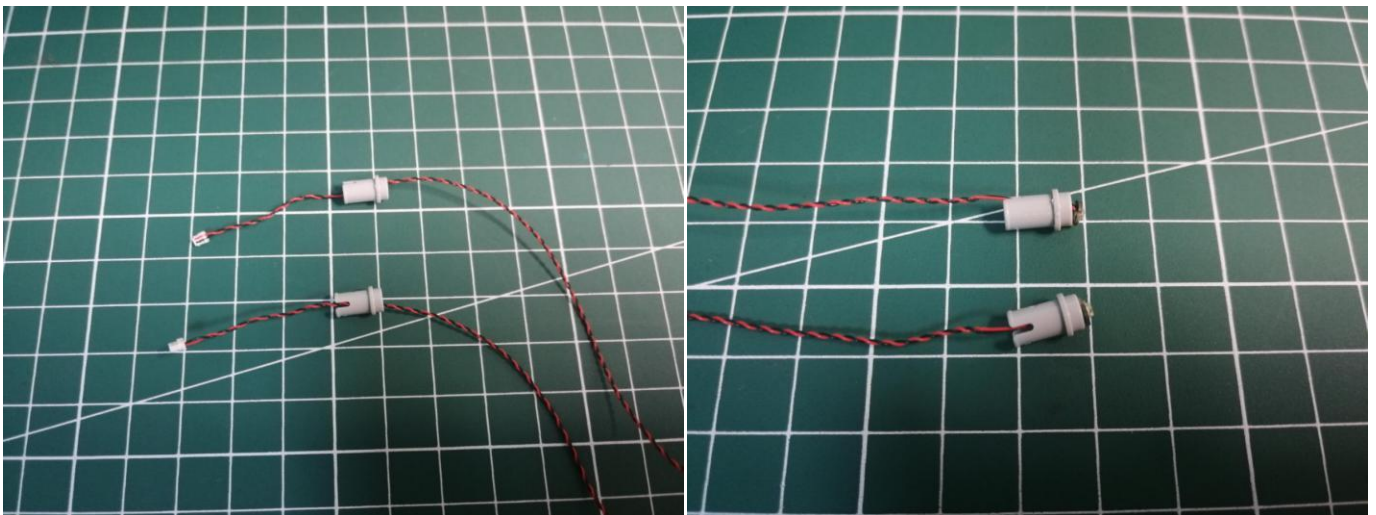
36. Turn to the tail.



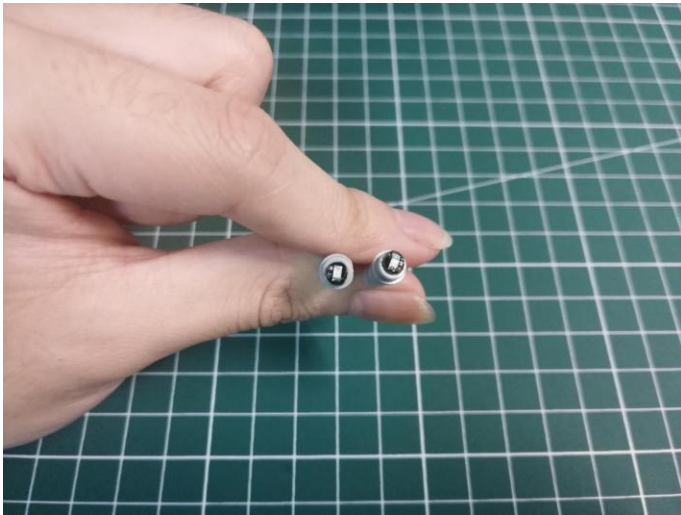
37. Take 2 blue 30cm dot lights, 2 light gray half bolts as per below.



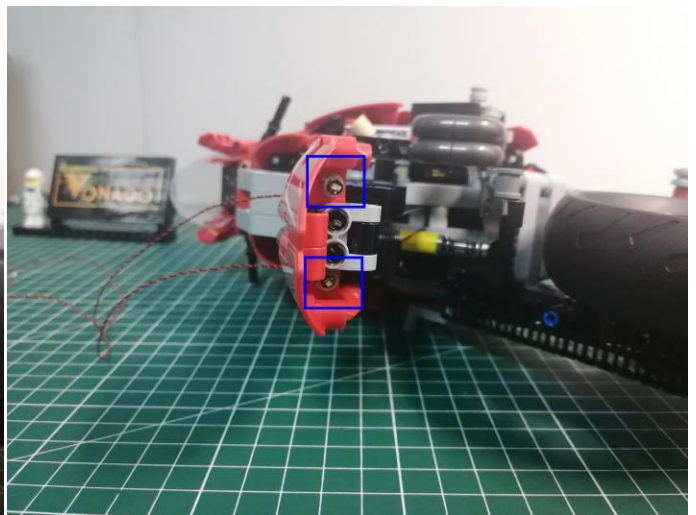
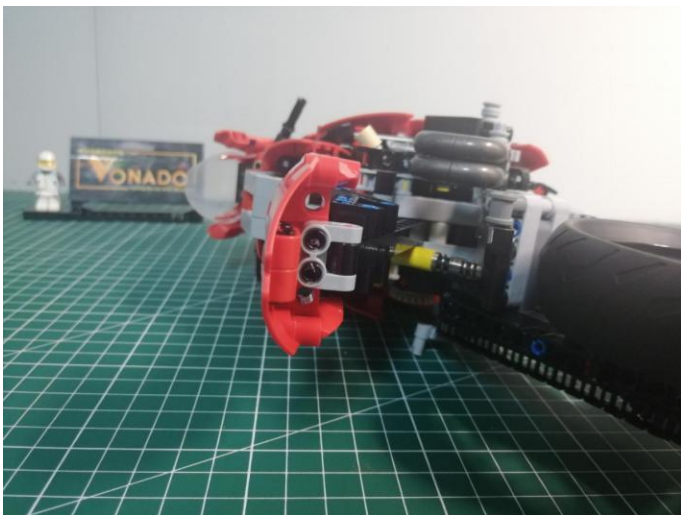
38. Thread the cables through the half bolts and pull them out as per below.



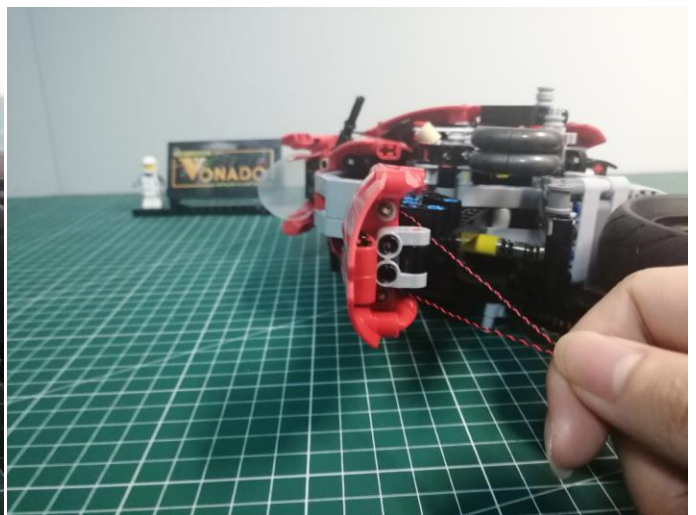
39. With lighting part facing up.



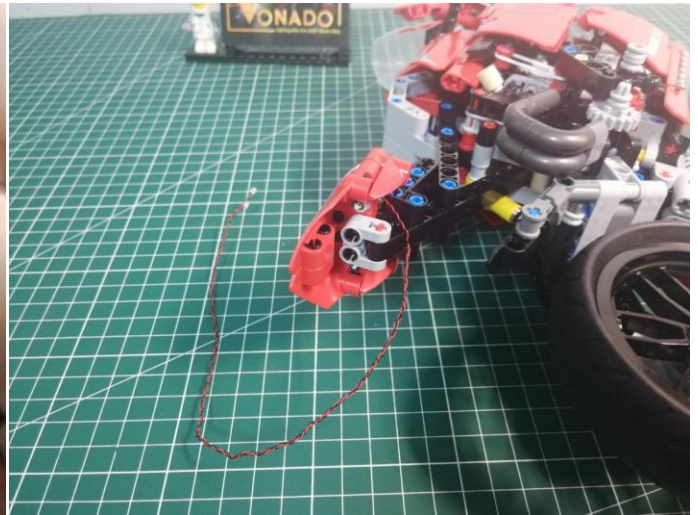
40. Turn to the following place, install the lights as per below.



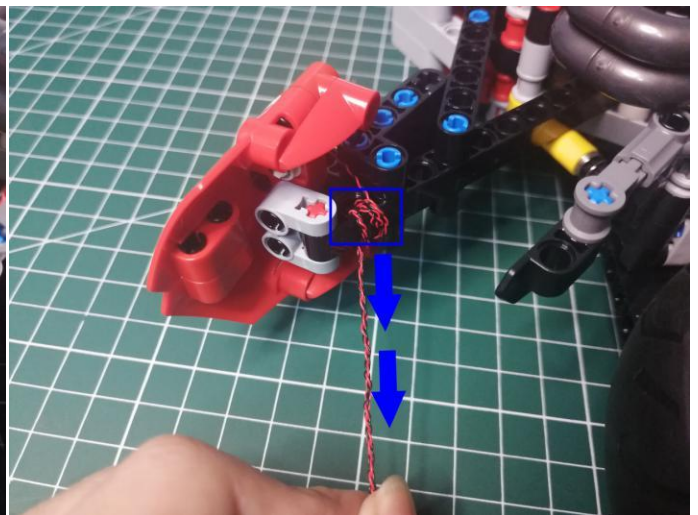
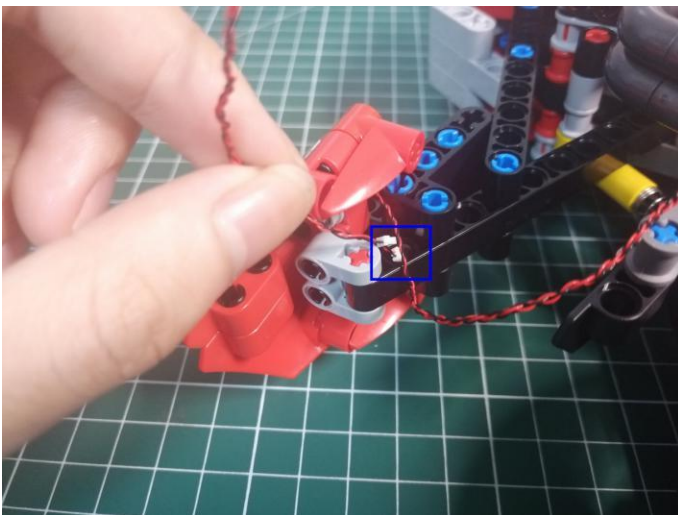
41. Take the following 2 cables, place them as per below.



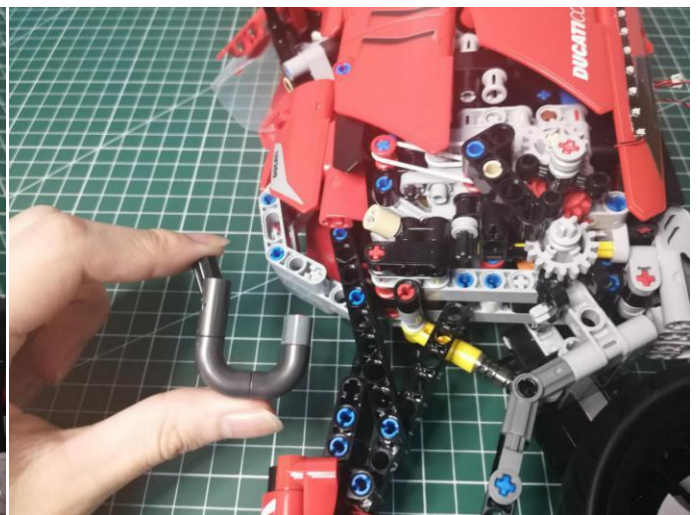
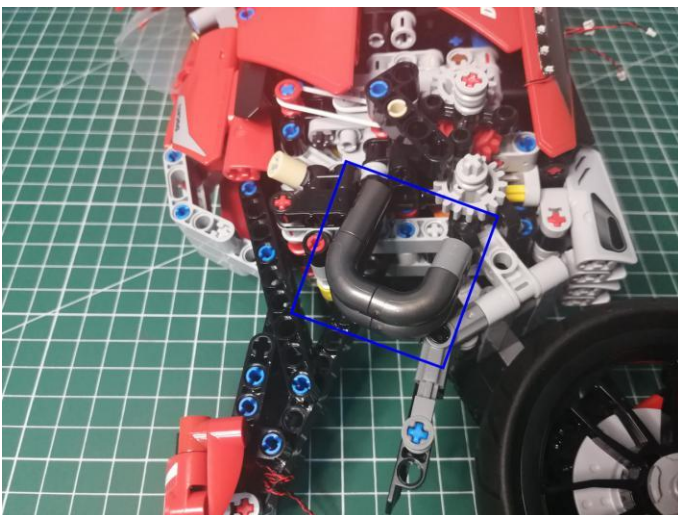
42.Group the 2 cables together.



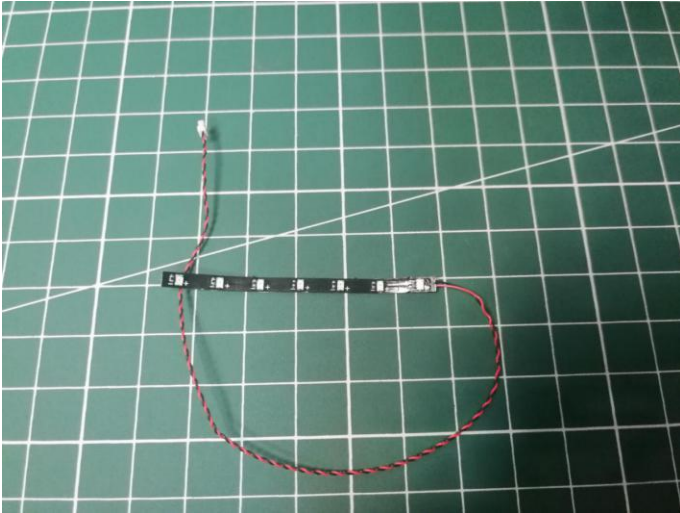
43.Thread the through the following hole, and wind them 3 times.



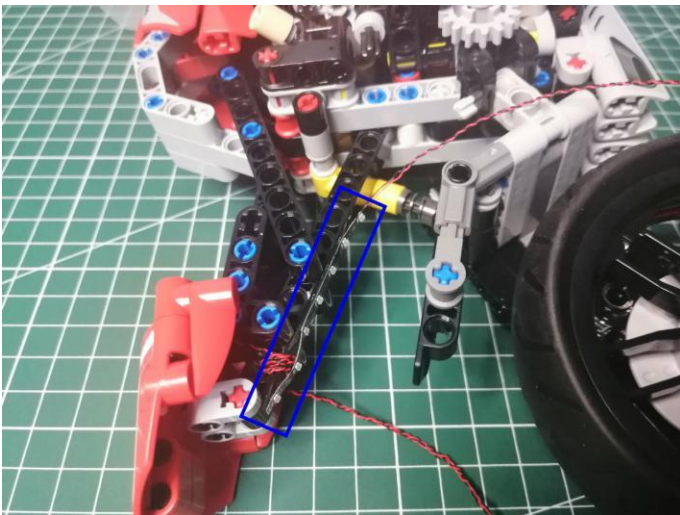
44.Turn to the following place, remove the following gray piece.



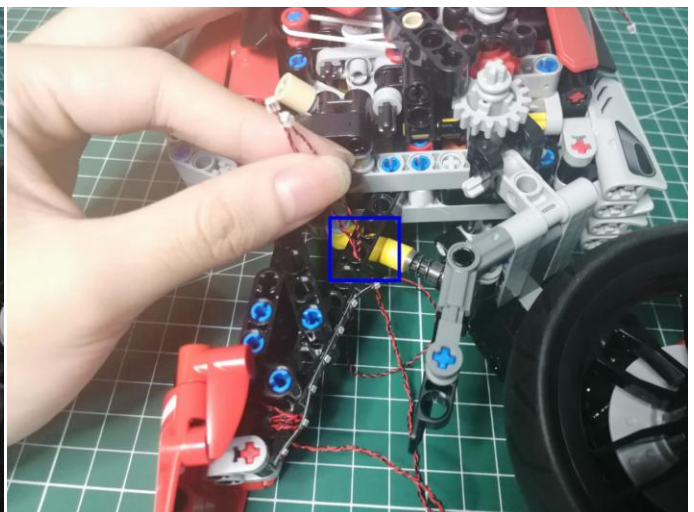
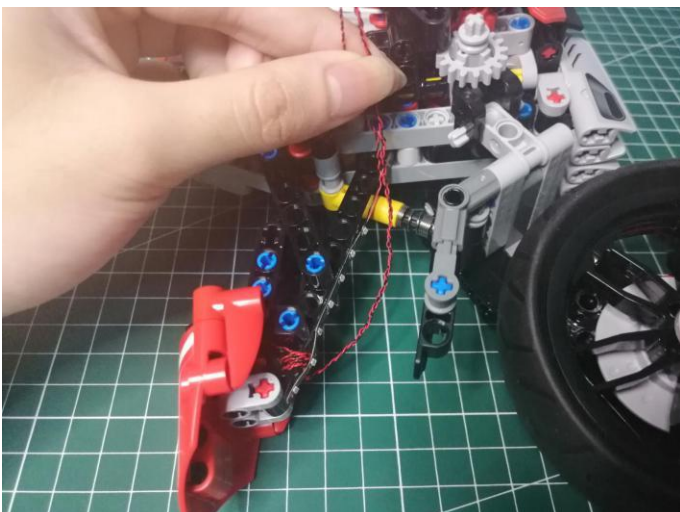
45. Take a red 15cm strip light.



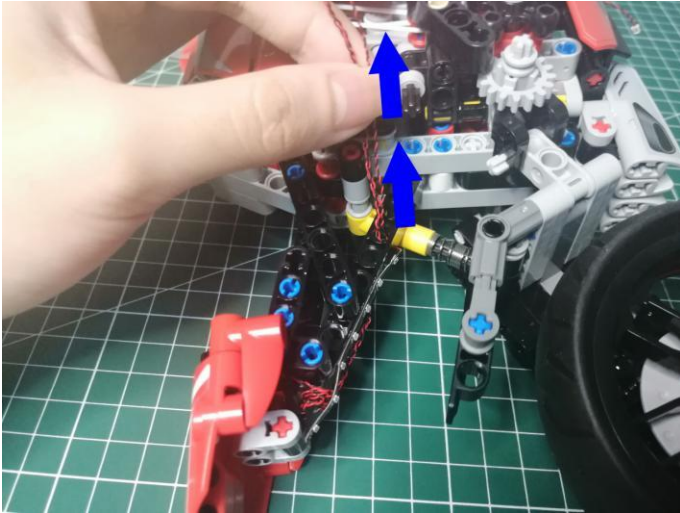
46. Stick the strip light to the following place.



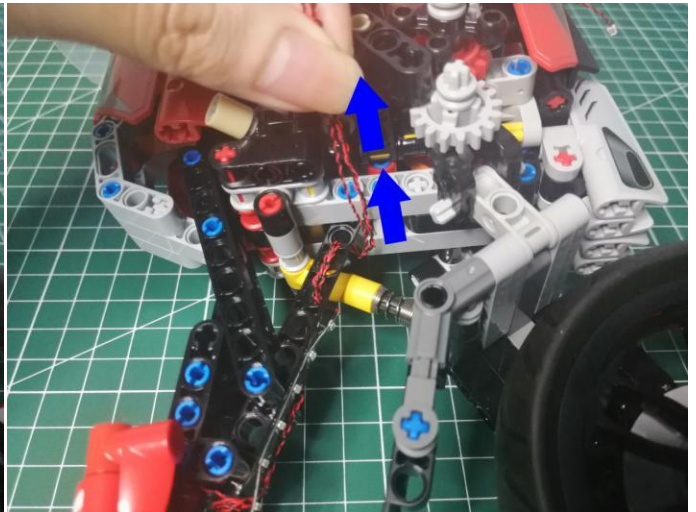
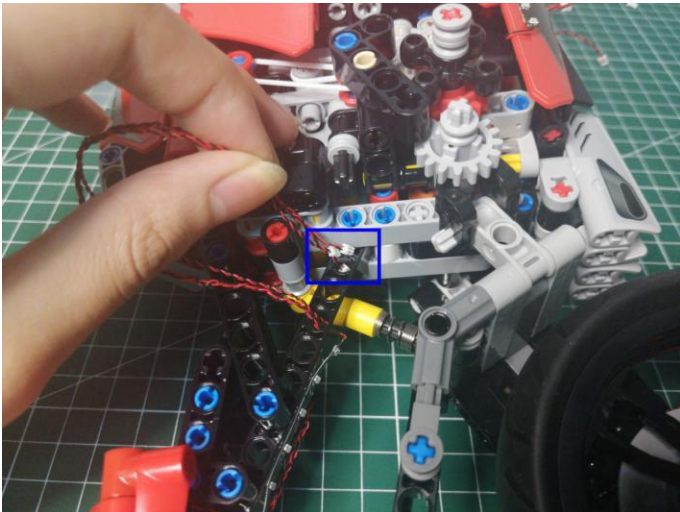
47. Take the following cables, thread them through the following hole and pull them out.



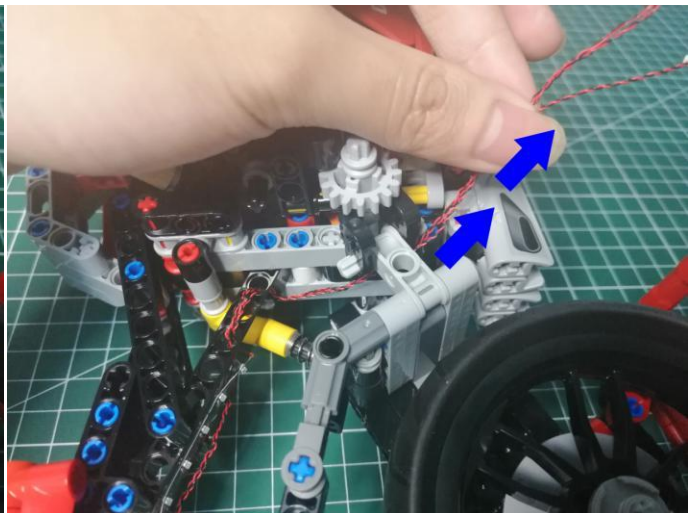
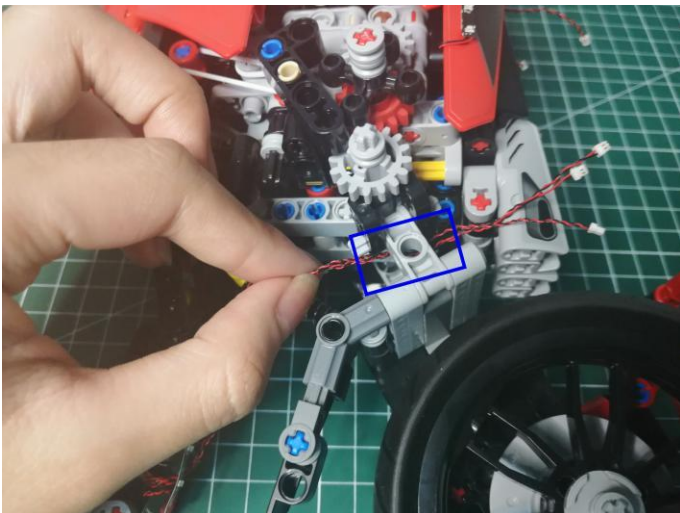
48



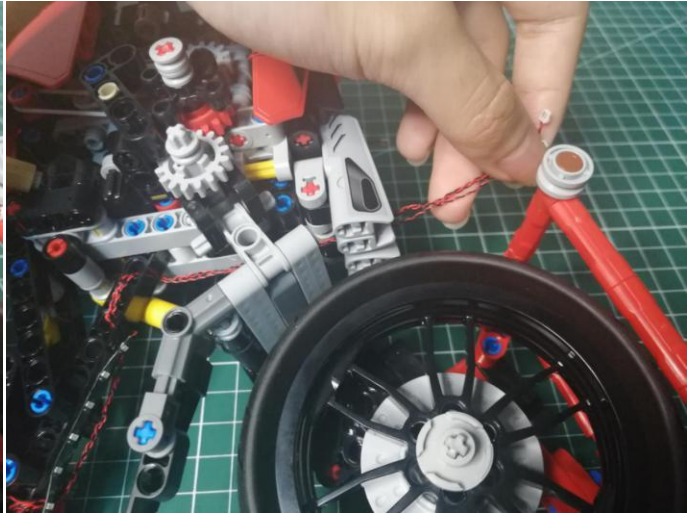
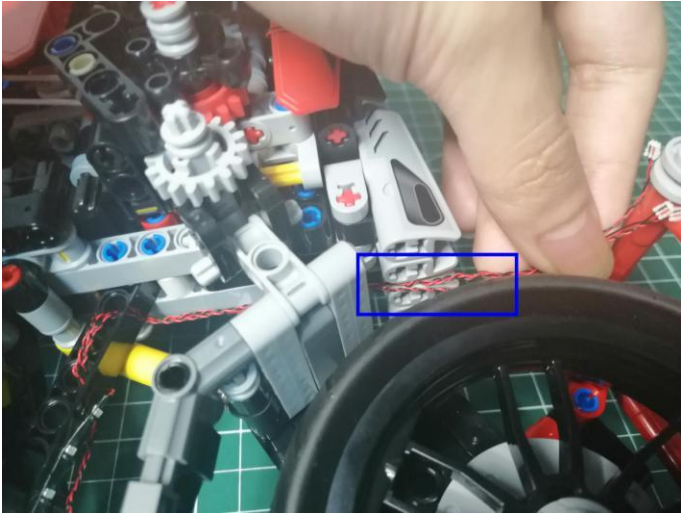
49. Continue to thread them through the following hole.



50. Thread them through the following space and pull them out from the bottom.



51. Place the cables as per below.



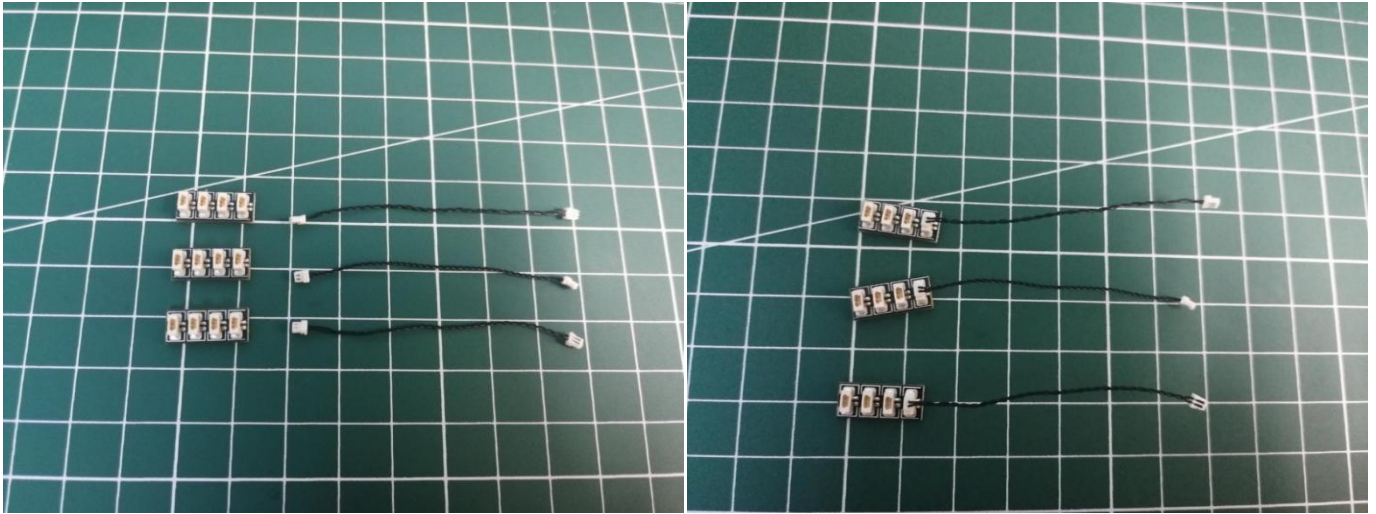
52



53. Turn to the bottom.



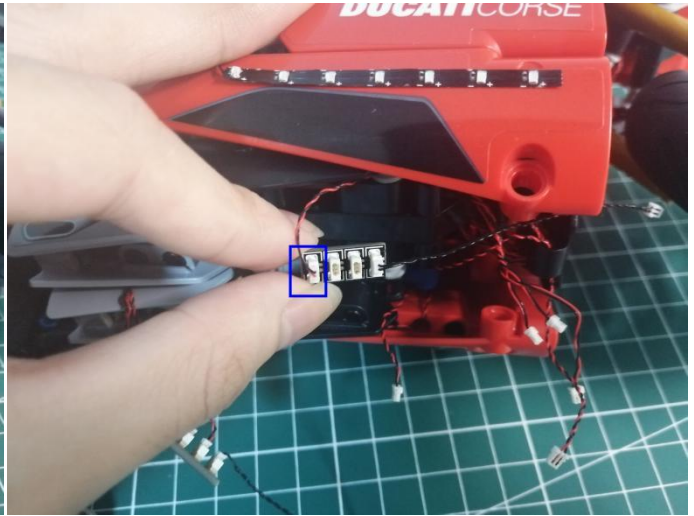
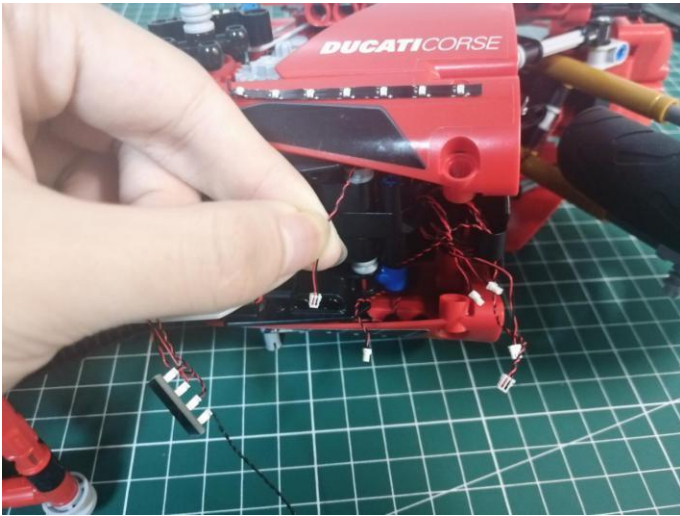
54. Take three 5cm connecting cables, three 4-port expansion boards, assemble them as per below.



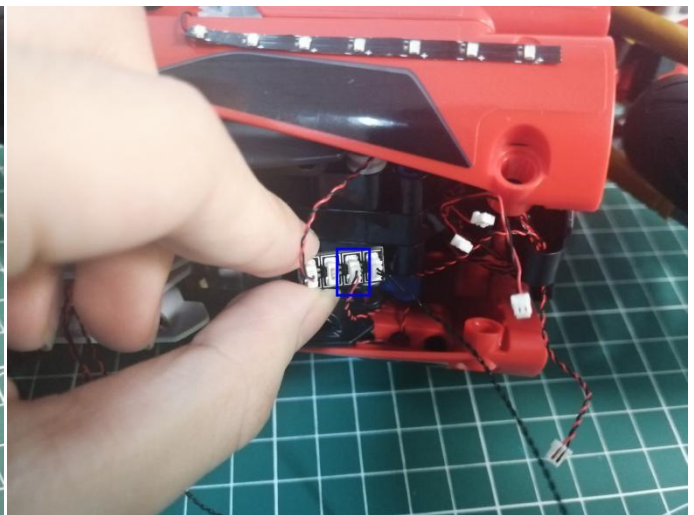
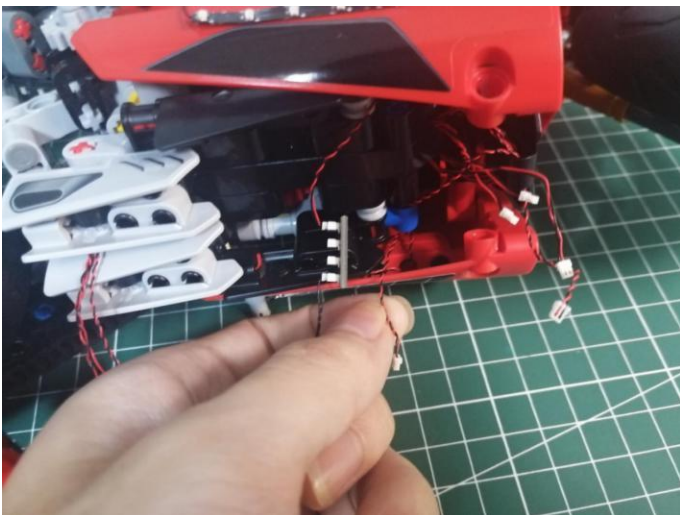
55. Take an expansion board, connect the following 3 cables to the expansion board.



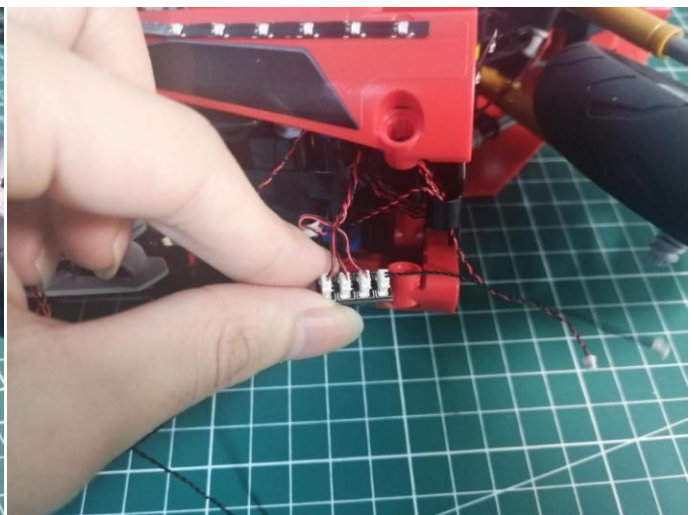
56. Take an expansion board, connect the following 2 cables to it.



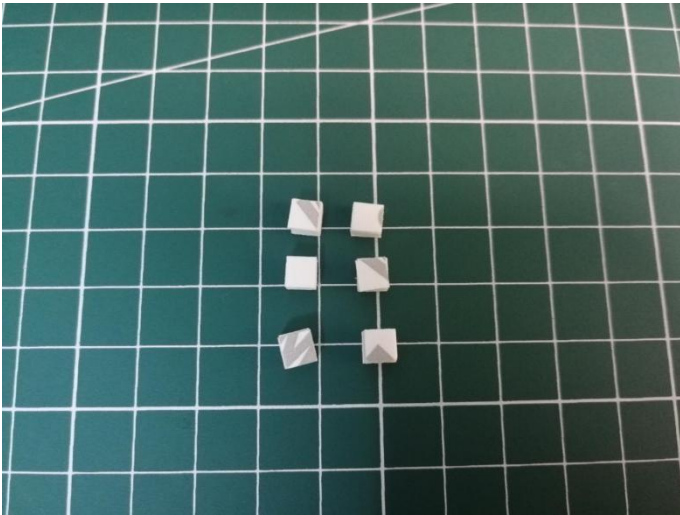
57.



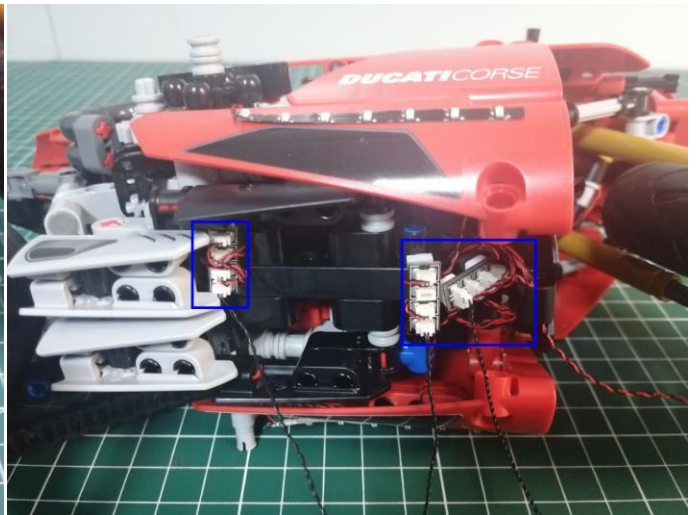
58. Take an expansion board, connect the following 3 cables to it.



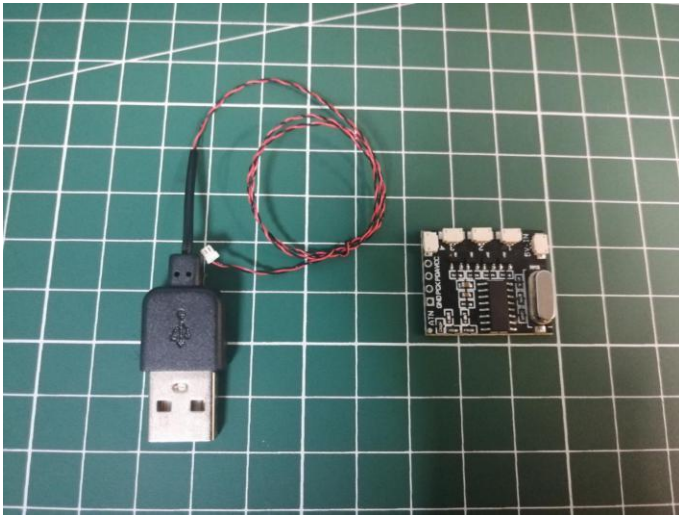
59. Take 6 adhesive squares.



60. Stick them to the back of the expansion boards, secure the expansion boards to the following places.



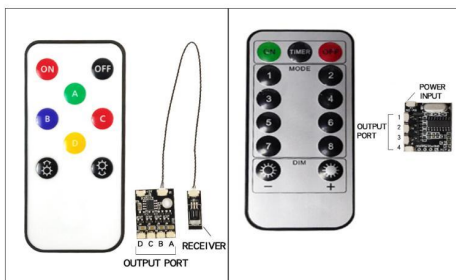
61. Take a USB cable, a Remote Control Switch Board.



FRIENDLY TIPS

The remote control has been updated

Old style remote control:



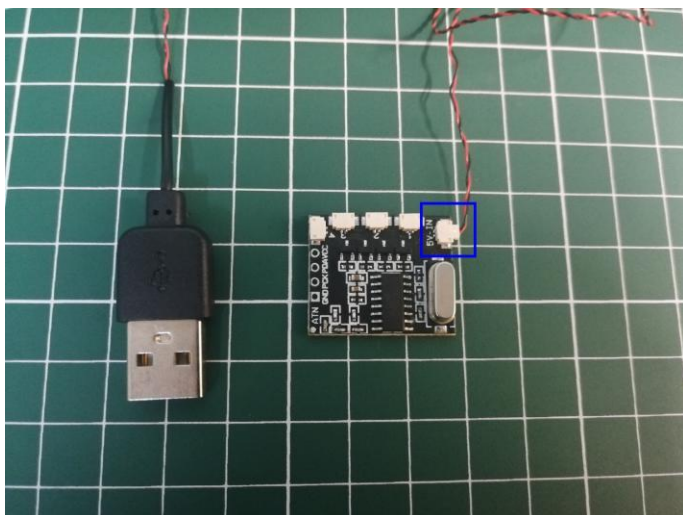
New remote control:

NEW REMOTE CONTROL FUNCTION INTRODUCTION	
ON:	All branches are fully open
OFF:	All branches are closed
A:	Open/close A branch
B:	Open/close B branch
C:	Open/close C branch
D:	Open/close D branch
FS:	Turn on blinking for the last open channel
BLN:	Start breathing for the last opened path
↑	Increase blinking/breathing rate
↓	Reduce flicker/breathing rate
☀+	Increase brightness
☀-	Reduce brightness

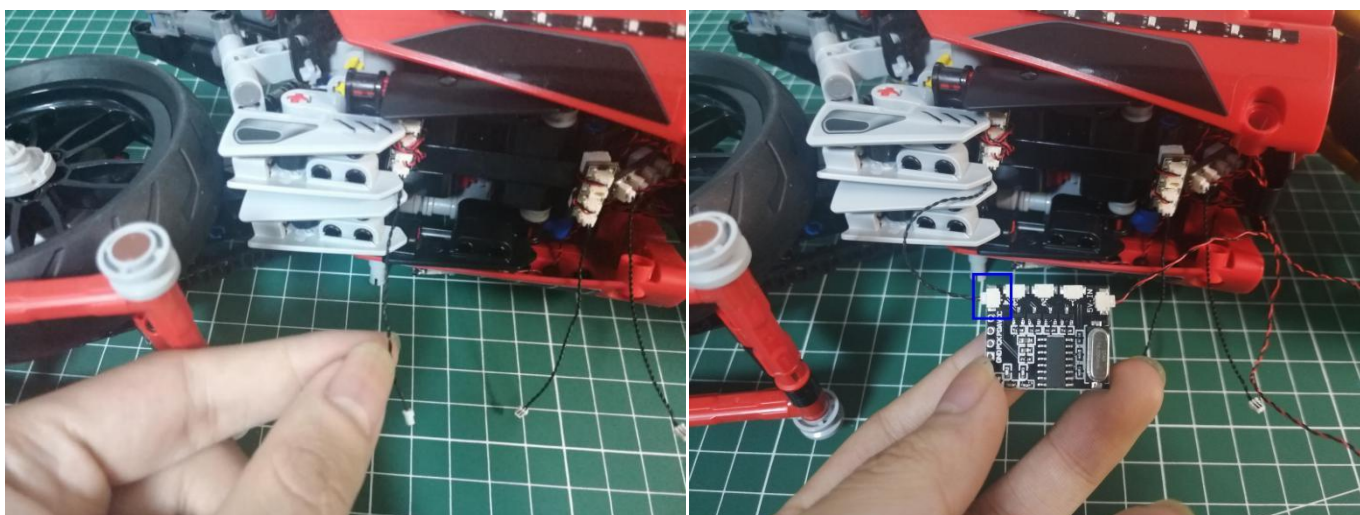
- ① Cancel the external signal receiver and change to an integrated design with strong signal and fast feedback.
- ② Add more functions, such as adding buttons such as breathing flashing frequency
- ③ The old A.B.C.D or 1.2.3.4 route corresponds to the new A.B.C.D route

More fun features look forward to your exploration!

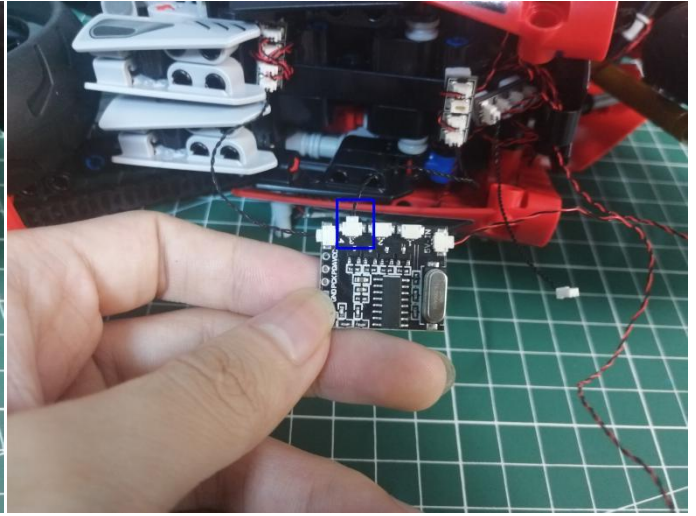
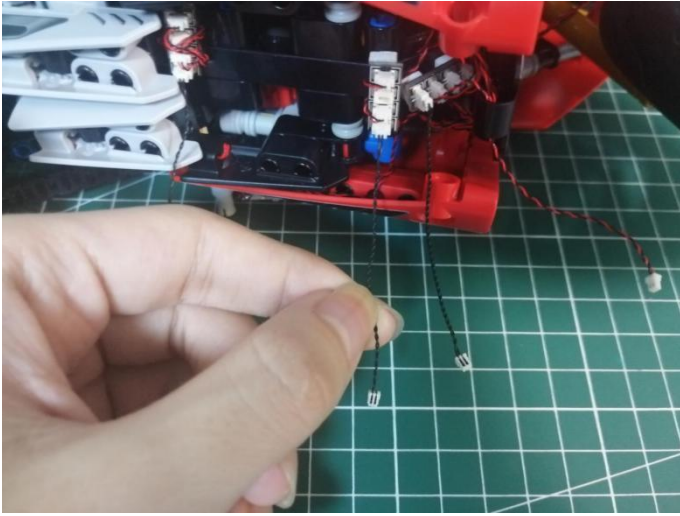
62. Connect the USB cable to the IN port.



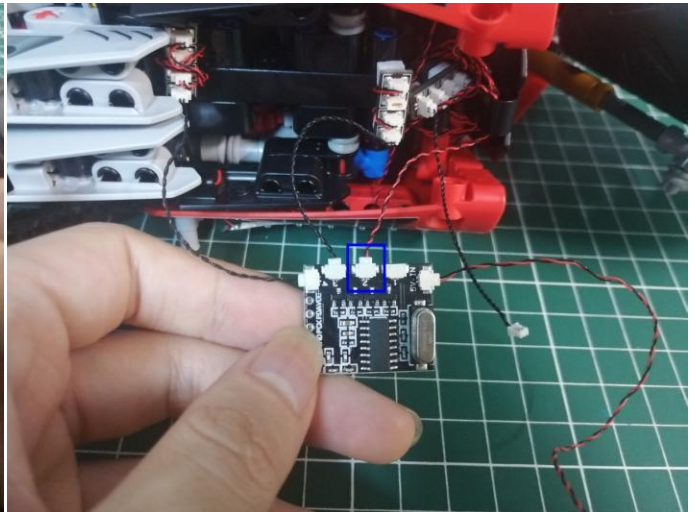
63. Connect the following cable from the expansion board to the 4 port.



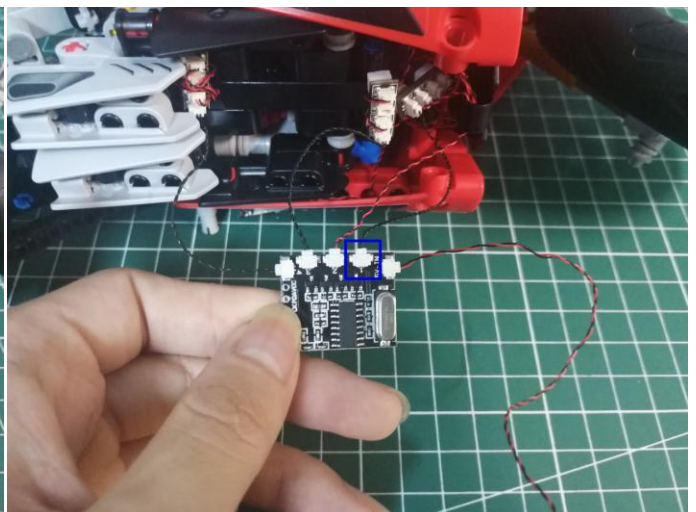
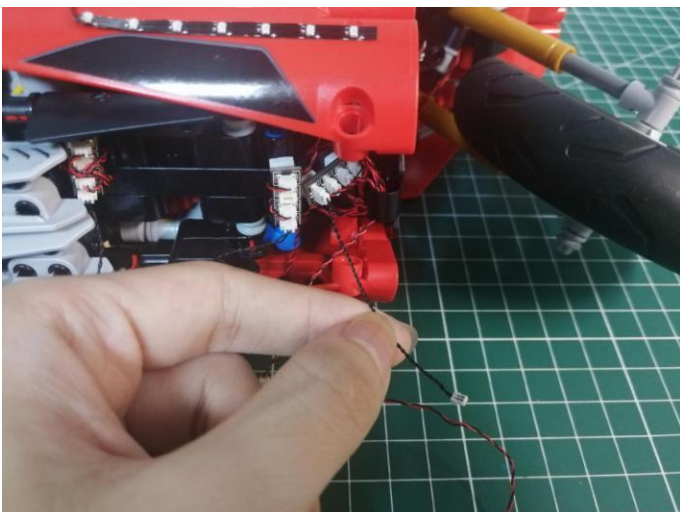
64. Connect the following cable from the expansion board to the 3 port.



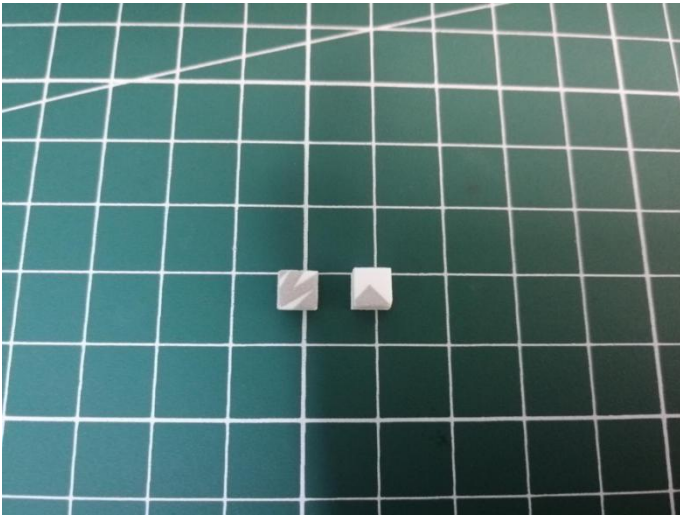
65. Connect the following cable to the 2 port.



66. Connect the following cable from the expansion board to the 1 port.



67. Take 2 adhesive squares.



68. Stick them to the following place, secure the Remote Control Switch Board as per below.



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

