

76139 1989 Batmobile P15001

- **P15001 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 “76139 P15001”.**
- **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
Bit Lights-15CM-Red	Bit Lights-15CM-Red	4
Bit Lights-30CM-Red	Bit Lights-30CM-Red	4
Bit Lights-30CM-Warm White	Bit Lights-30CM-Warm White	6
LED Strip Lights-Warm White	LED Strip Lights-Warm White	1
Expansion Board	6 Socket Expansion Board	1
	8 Socket Expansion Board	1
	12 Socket Expansion Board	1
AA Battery Box	AA Battery Box	1
Connecting Cables-5CM	Connecting Cables-5CM	2
Connecting Cables-30CM	Connecting Cables-30CM	2
Flicker-Effects Board	Flicker-Effects Board	1
Parts package		

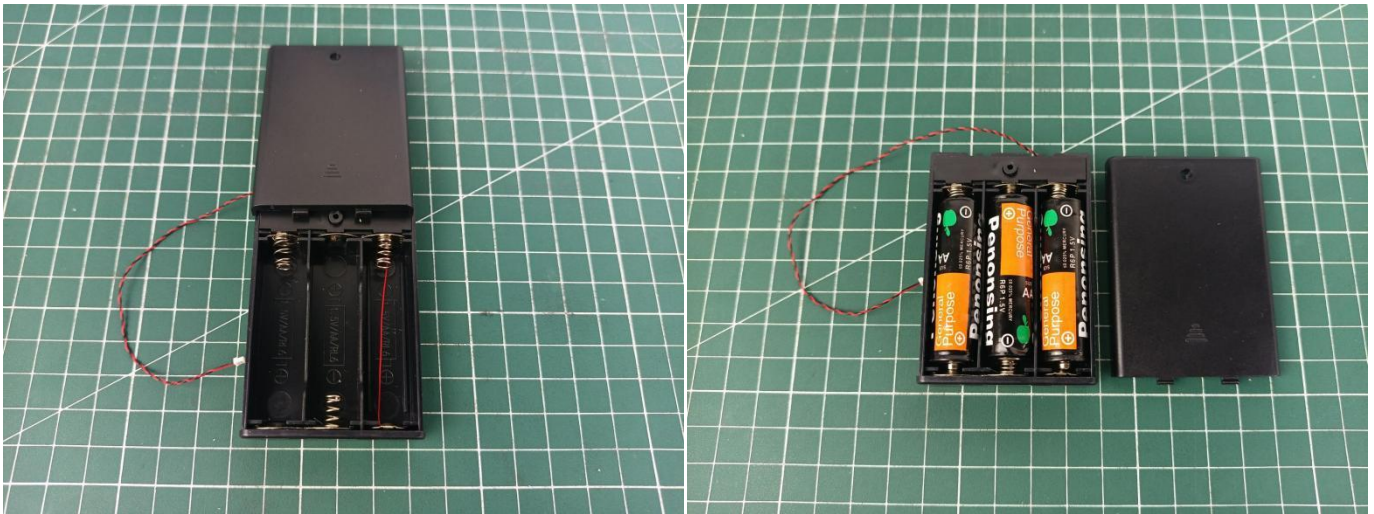
Please contact us immediately if there have any missing components.

Section B: Test that each components is working properly.

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

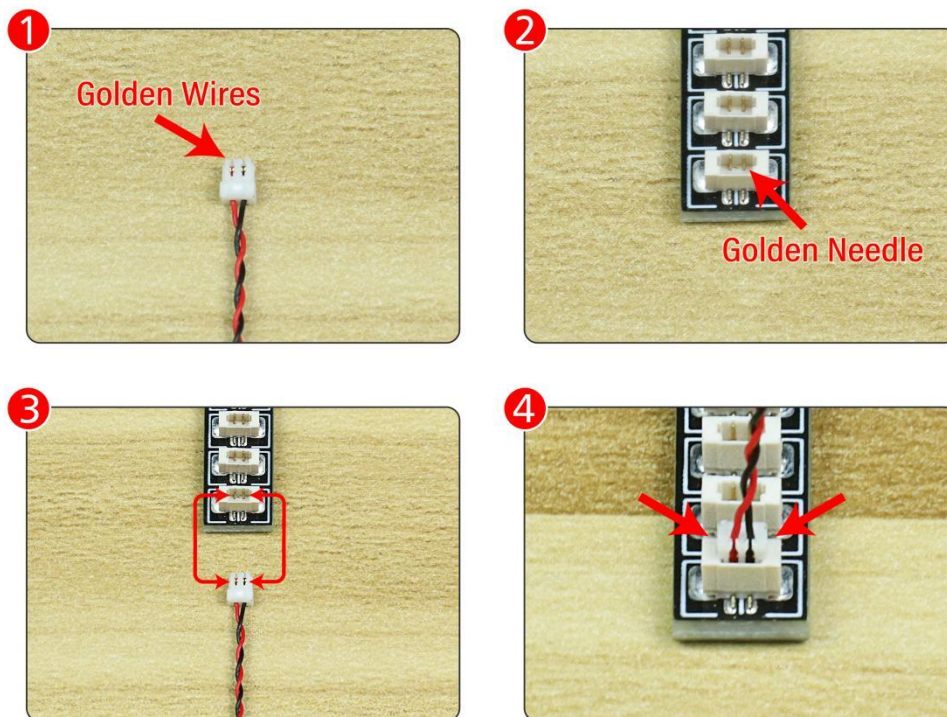


The AA Battery Box does not contain batteries, please buy three AA batteries in the nearest store and install it in the AA Battery Box.



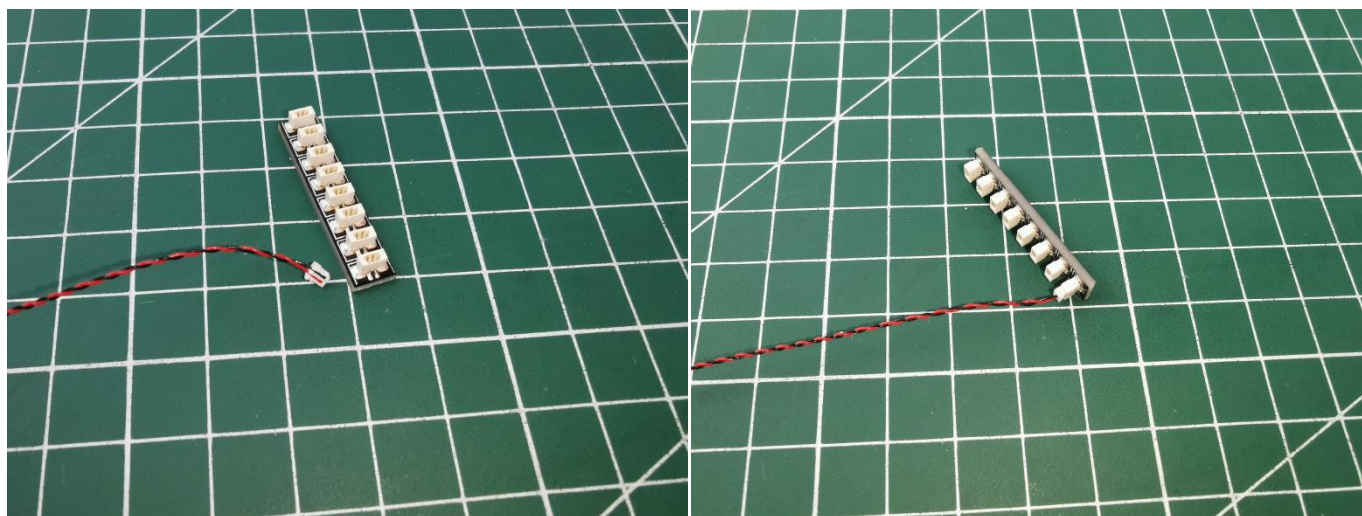
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

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.

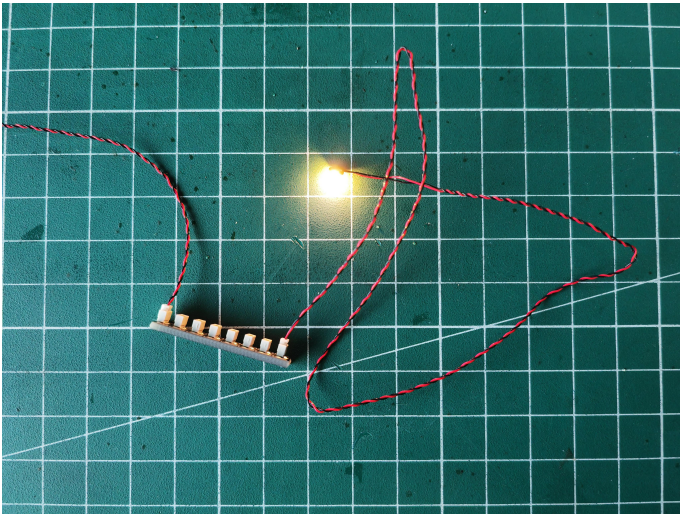


All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

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



when we test "Bit Lights-30CM-Warm White" particles,Take out the bag labelled "Bit Lights-30CM-Warm 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.



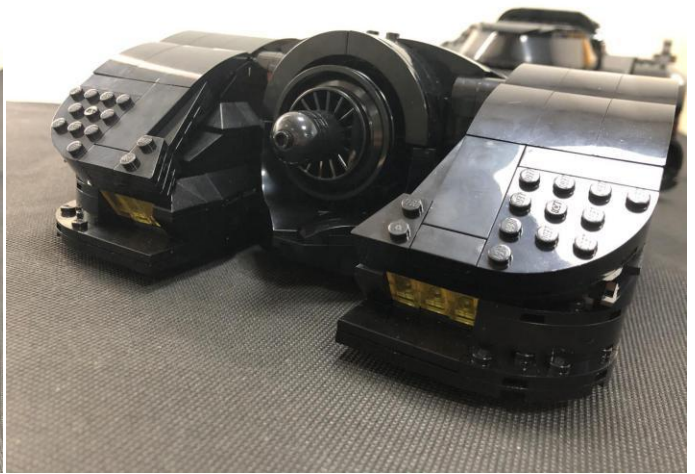
Test each lamp according to this method. It should be noted that after the test, the lamp must be returned to the corresponding bag to avoid confusion of types.



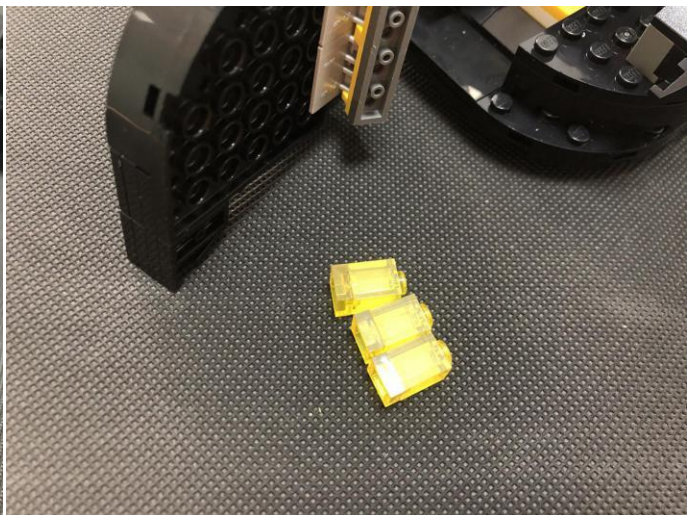
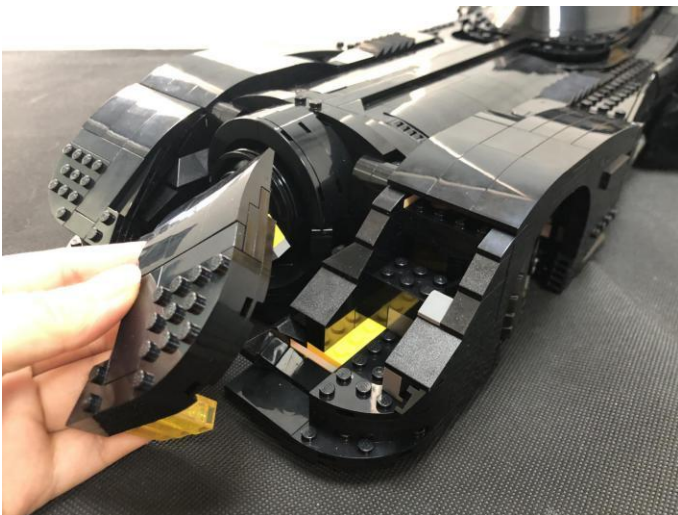
The components needs to be tested in this set is 4*Bit Lights-15CM-Red,4*Bit Lights-30CM-Red,5*Bit Lights-30CM-Warm White,1*LED Strip Lights-Warm White. Please contact us immediately if any components don't work.

Section C: laying out components following the instruction.

1. Start from installing the headlights.



2. Remove the following pieces, remove the 3 trans yellow pieces as per below



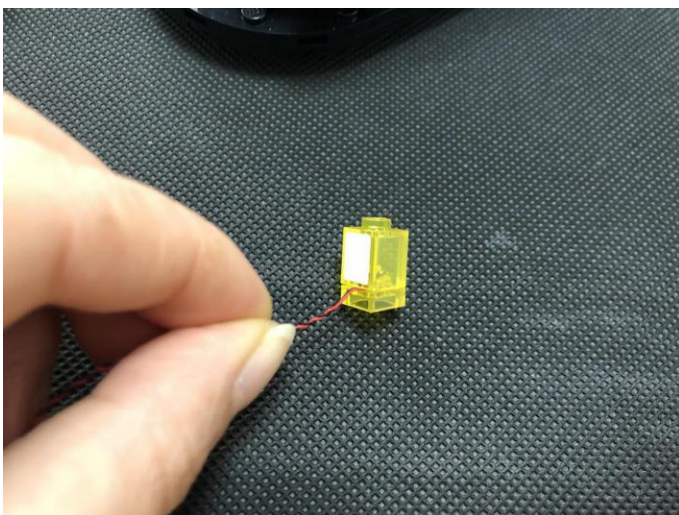
3. Disassemble the following pieces



4. Take a warm white 30cm dot light, with lighting part facing up, place it over the 1x1 trans yellow piece.



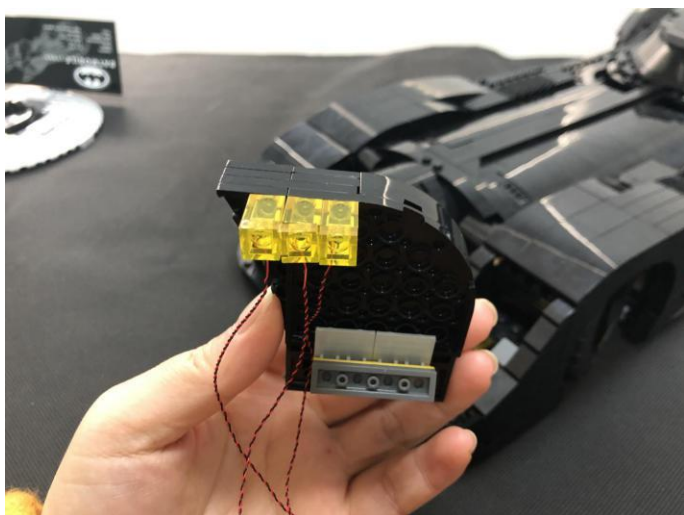
5. Reconnect the trans yellow brick to secure the light.



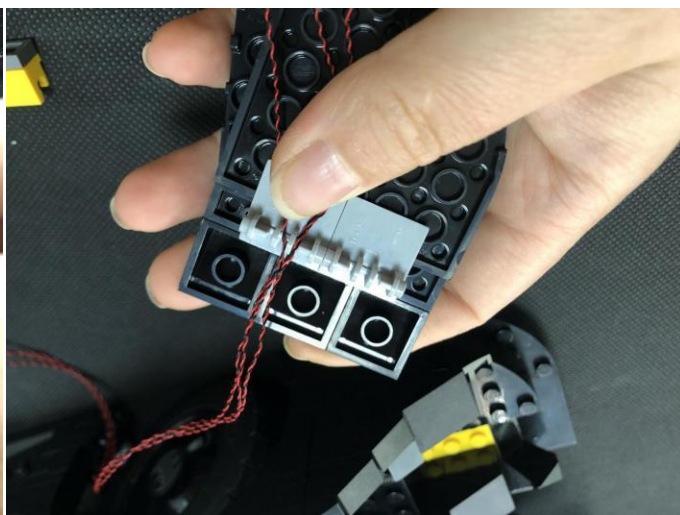
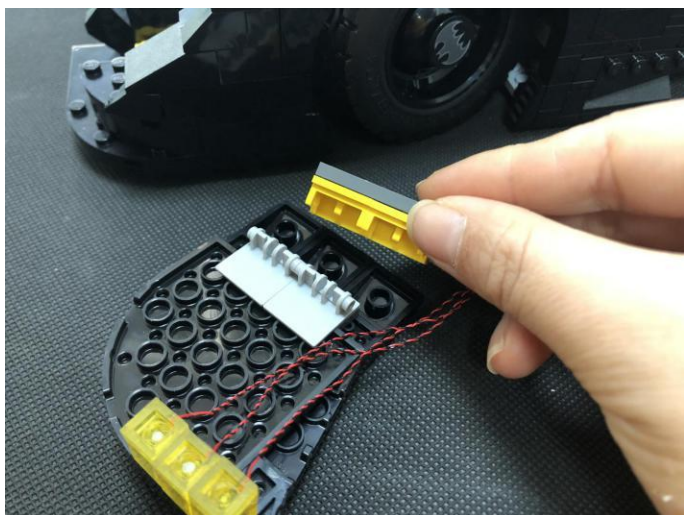
6. Take 2 warm white 30cm dot lights, repeat the previous steps to install the other 2 lights.



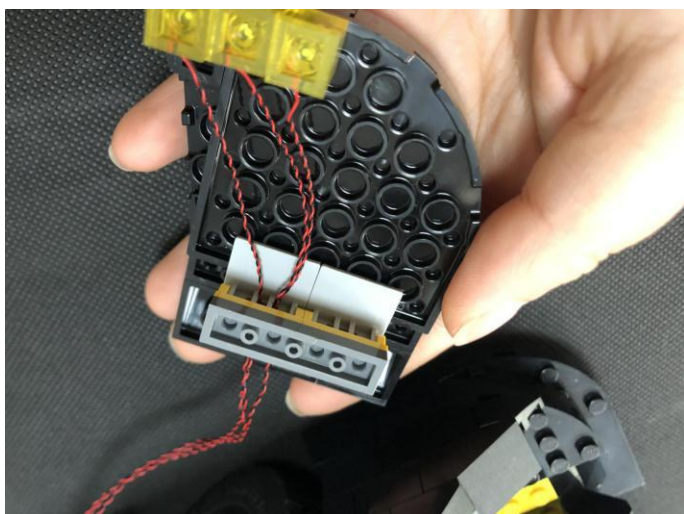
7.Reconnect the lights.



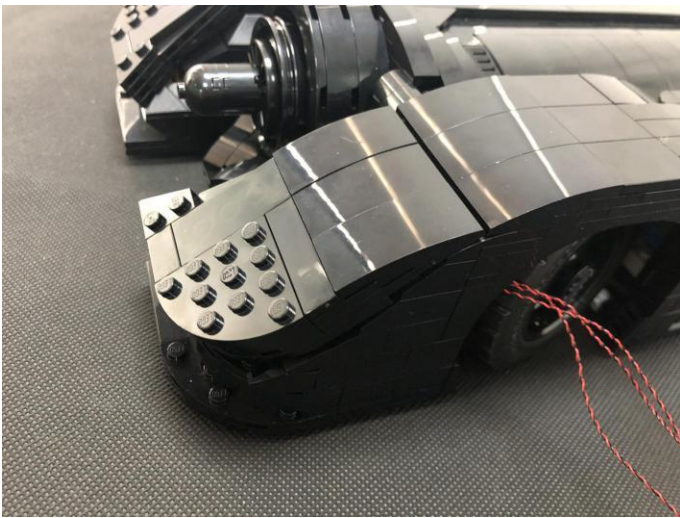
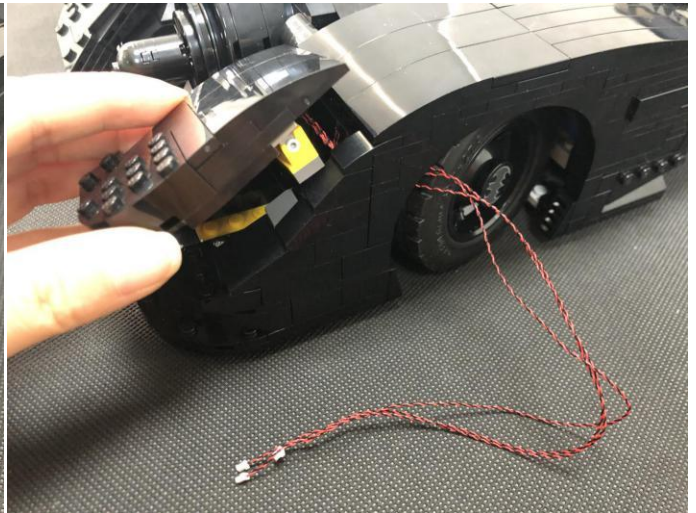
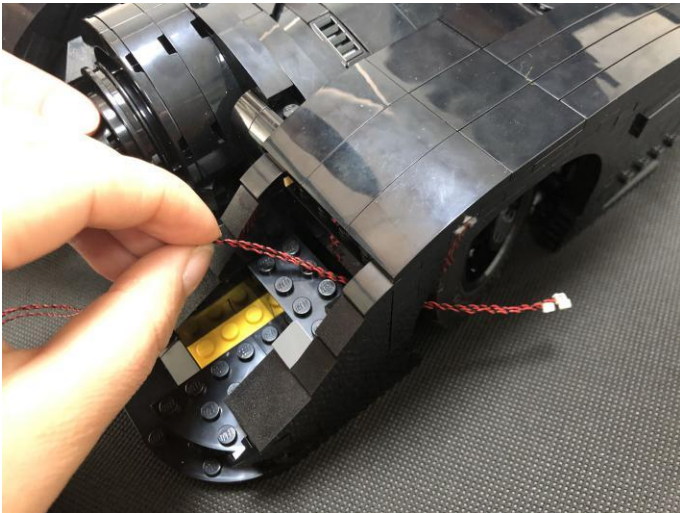
8.Remove the following piece, place the cable between the gray piece.



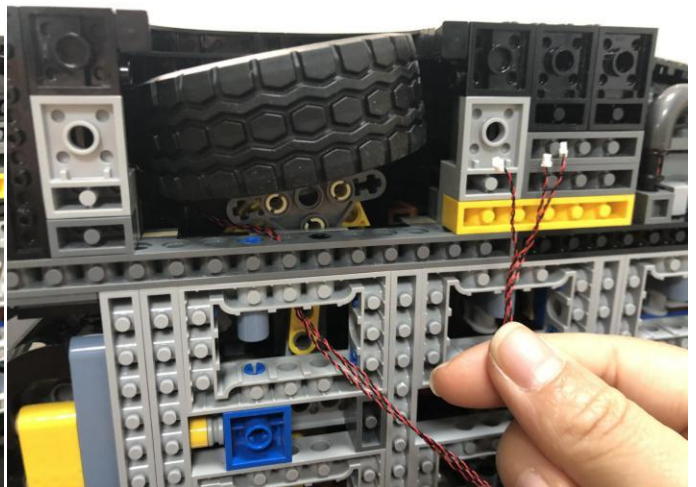
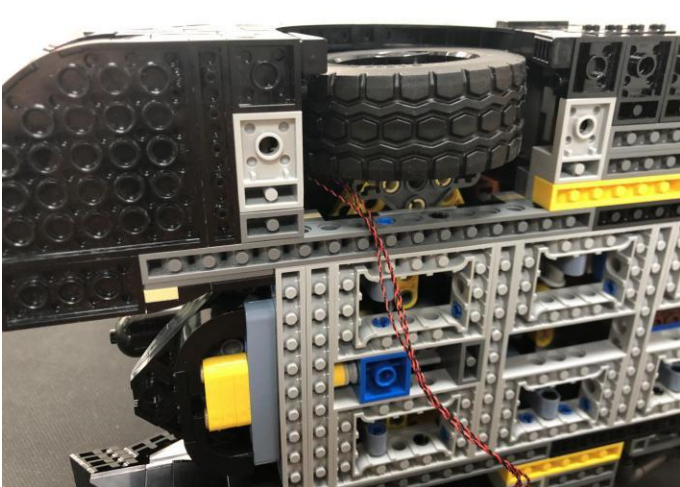
9.Reconnect the pieces we removed before.



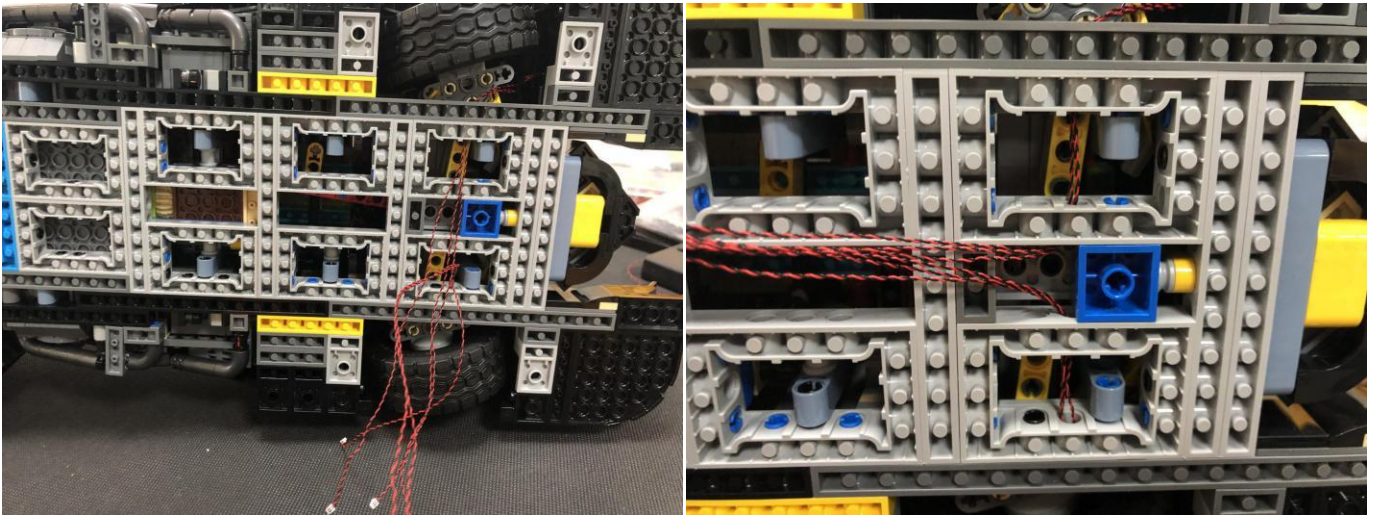
10. Thread the cables through the following spaces, reconnect the lid.



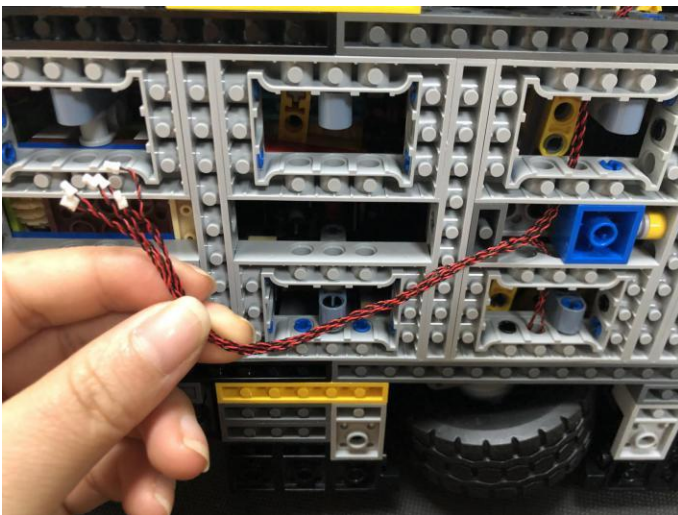
11. Turn the car to its side, thread the lights through the following holes at the bottom (Thread them randomly).



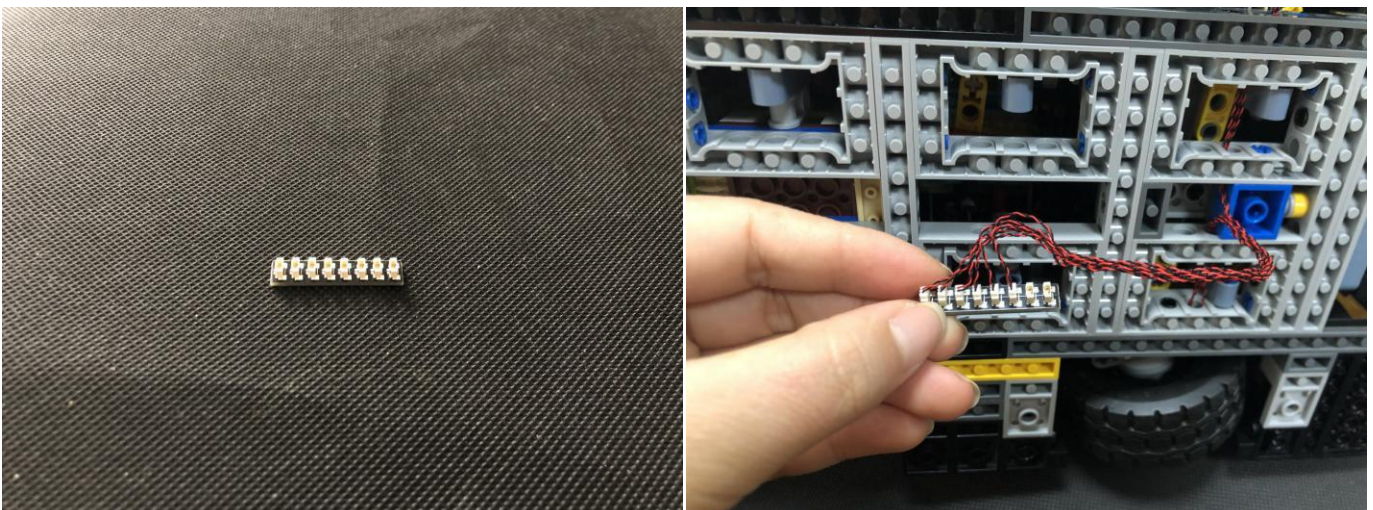
12. Take 3 warm white 30cm dot lights, repeat the steps above to install lights for the headlights at the other side.



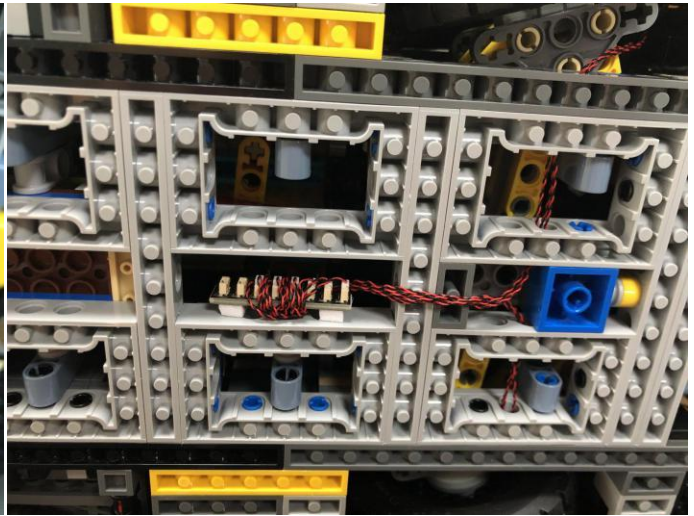
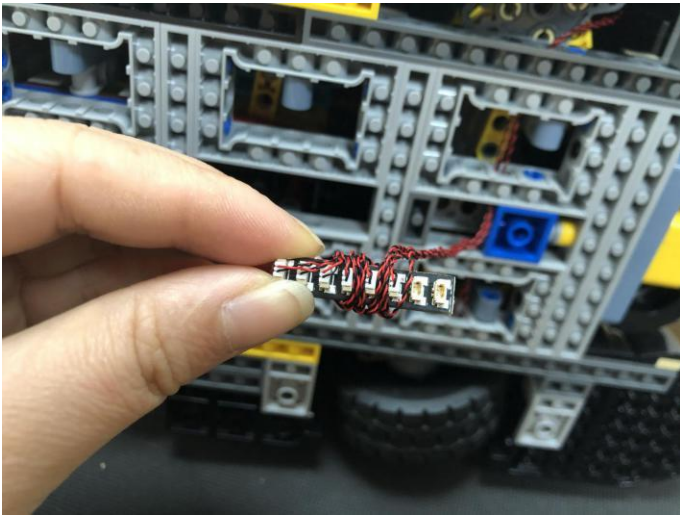
13. Group the cables from the headlights all together.



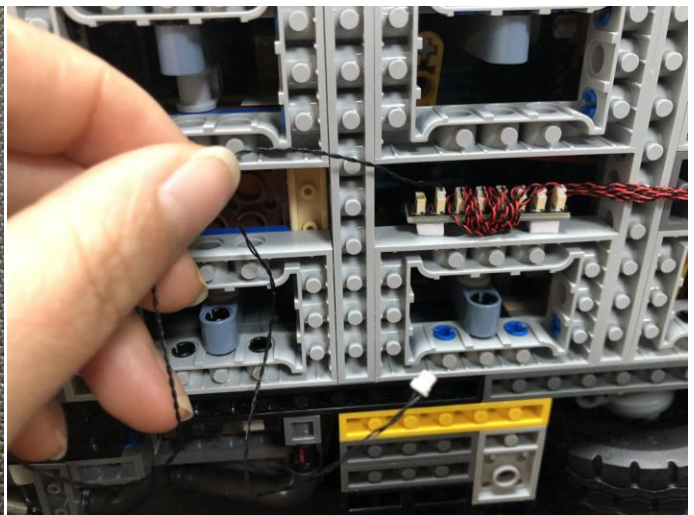
14. Take an 8-port expansion board, connect the 6 cables of the lights to it.



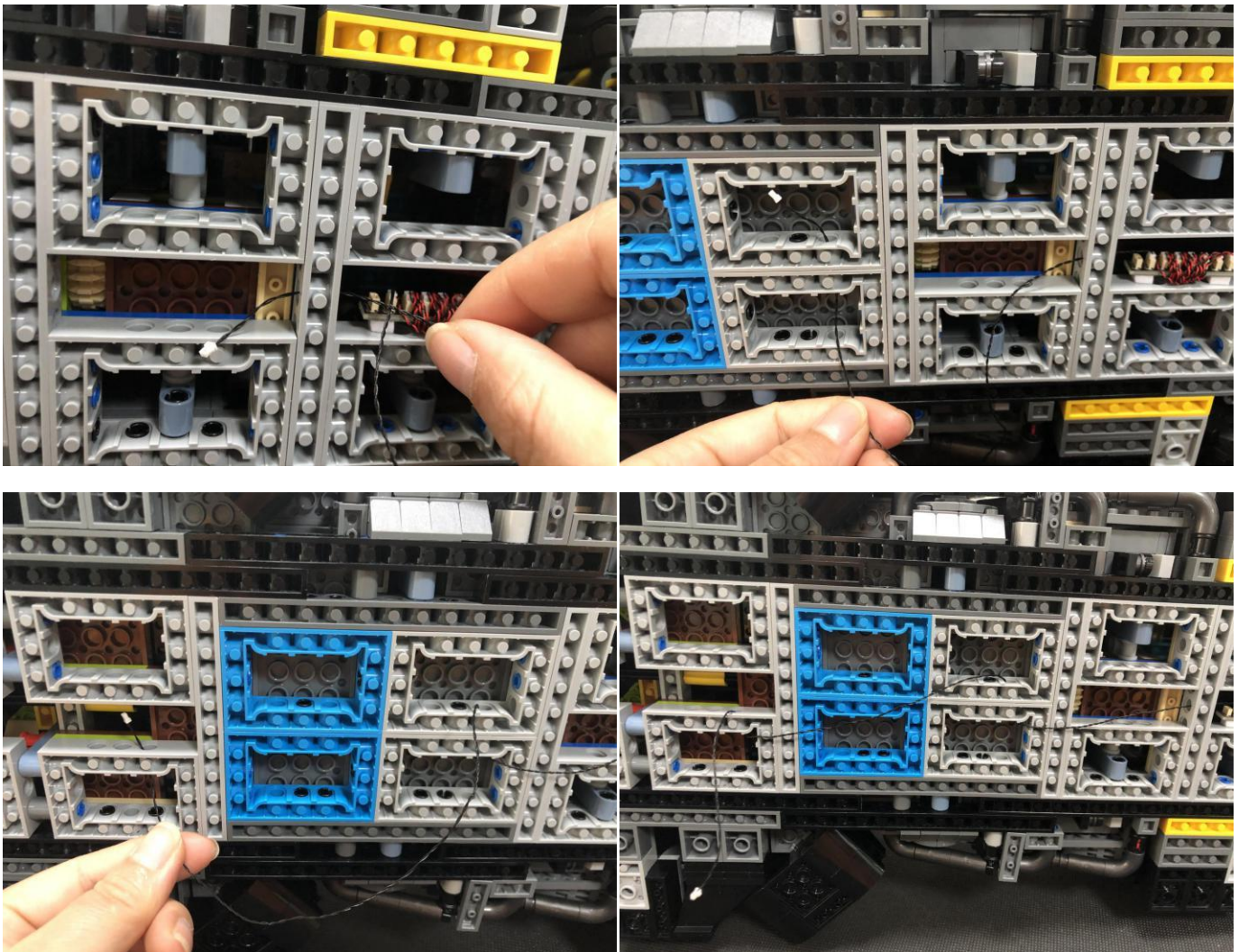
15. Tuck excess cables, and stick the expansion board to the following place with the adhesive squares.



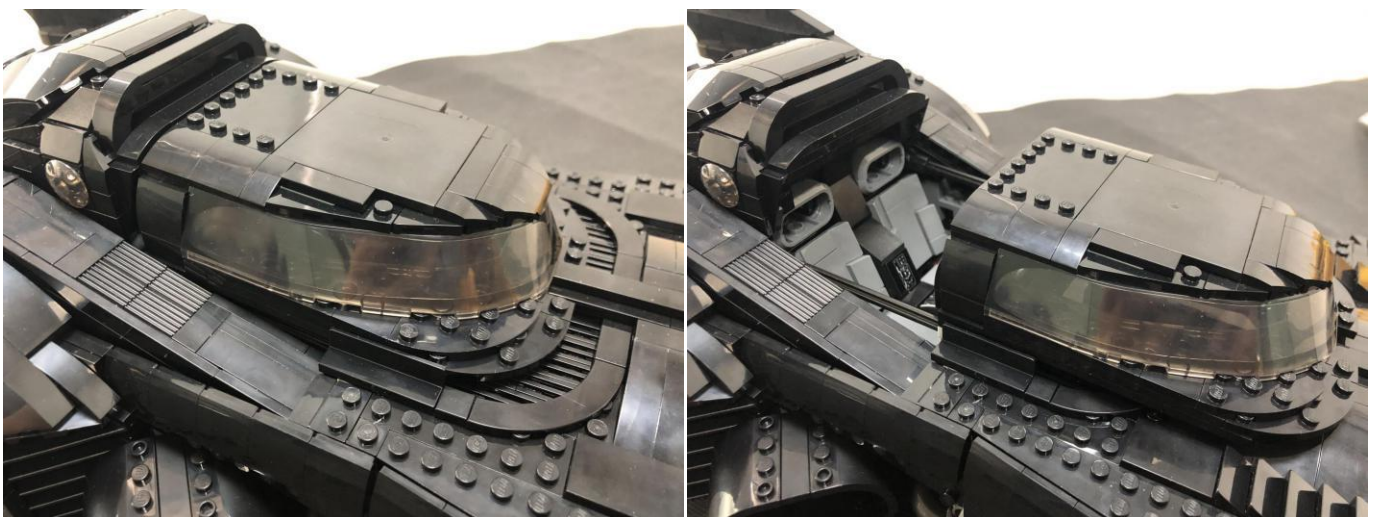
16. Take a 30cm connecting cable, connect it to the expansion board.



17. Thread the cable through the following holes (thread it as you wish), pull it to the tail of the car.



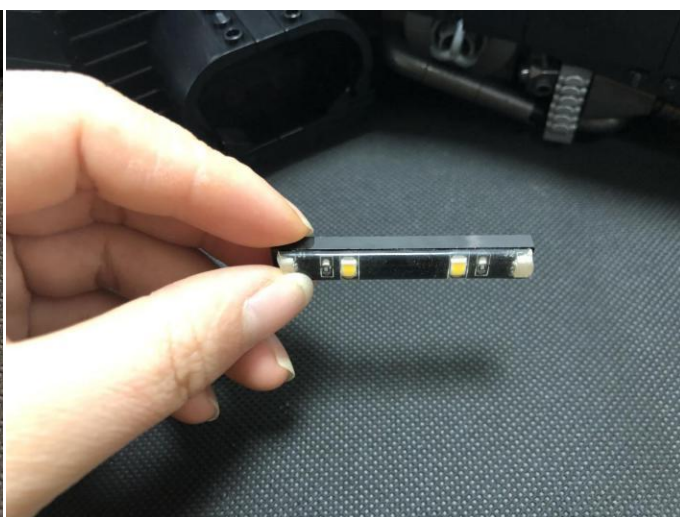
18. Continue to install lights for the cockpit, open the door as per below.



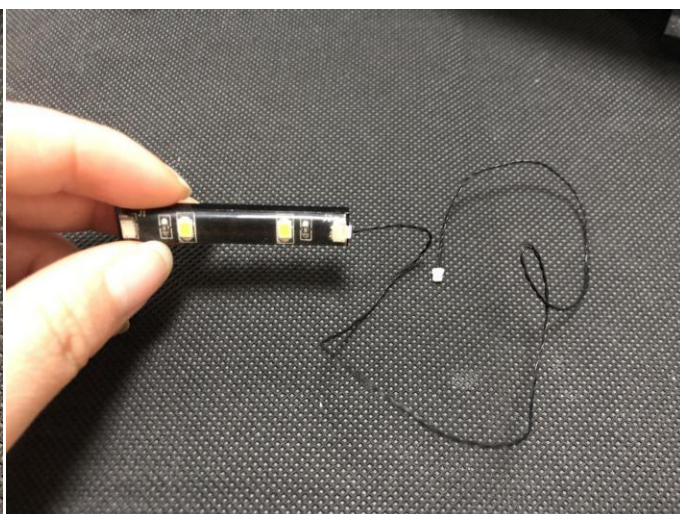
19.Remove the roof.



20.Take a warm white strip light, a 1x6 plate, stick the strip light to the plate as per below.



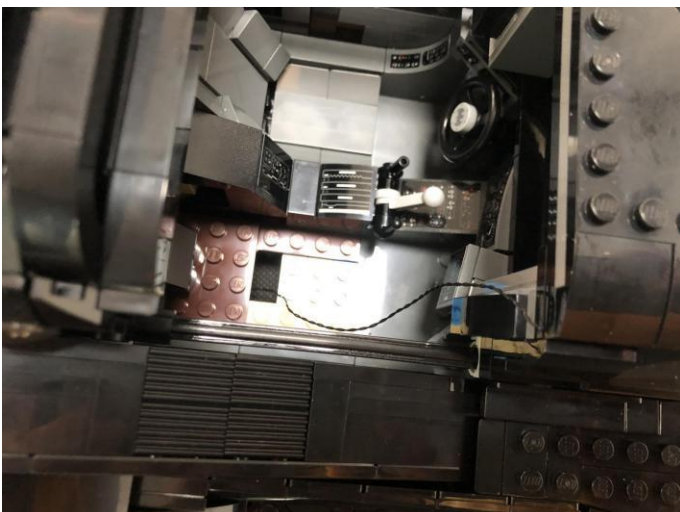
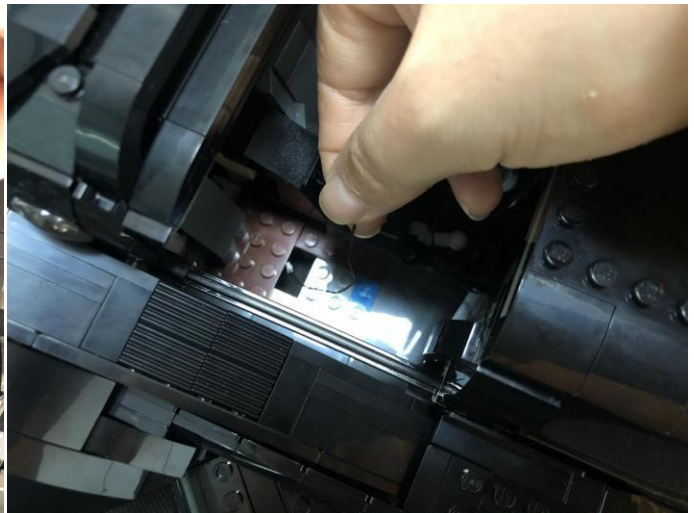
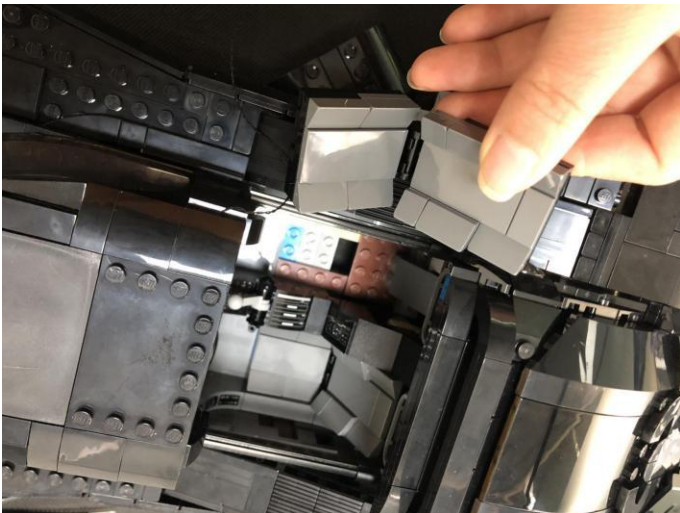
21.Take a 30cm connecting cable, connect it to the strip light.



22. Stick the strip light to the roof, reconnect the roof, pull the cable aside, secure it with the roof as per below.



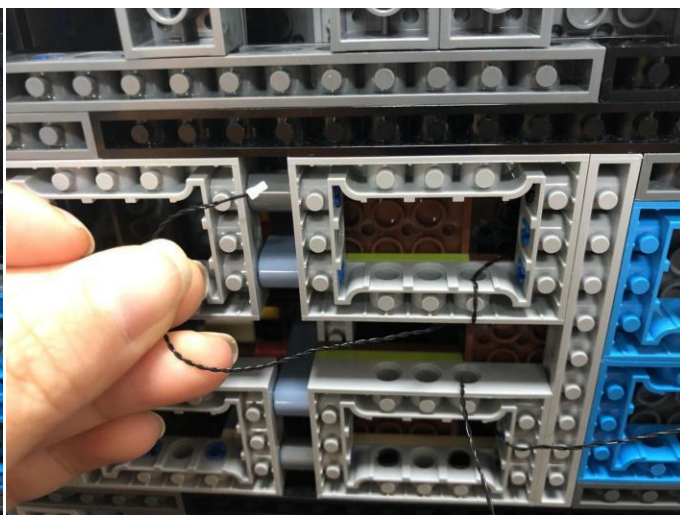
23. Remove the passenger seat, thread the cable through the space underneath.



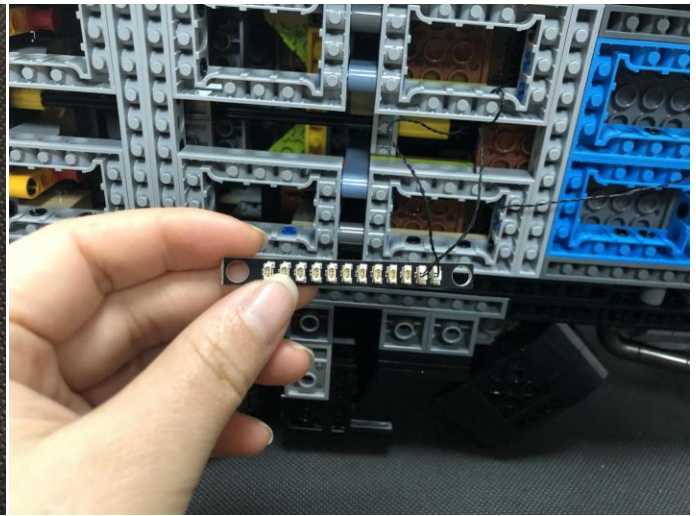
24.Reconnect the passenger seat(Note: leave enough cable to allow the door function when reconnecting the passenger seat).



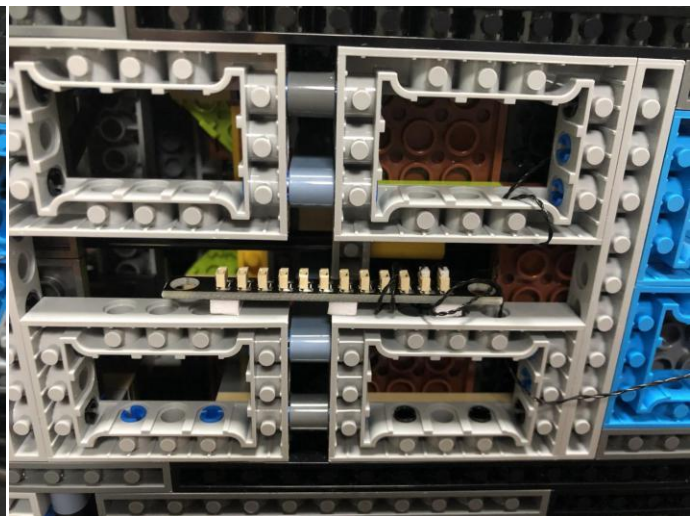
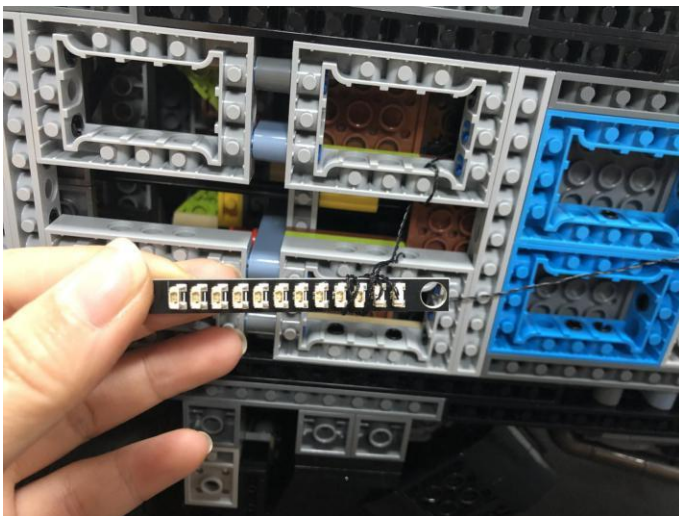
25.Thread the cable through and pull them out from the bottom.



26. Take a 12-port expansion board, connect the cables of the strip lights and the connecting cable from the expansion board with headlights cables to it.



27. Tuck excess cables, connect expansion board to the following place with adhesive squares.



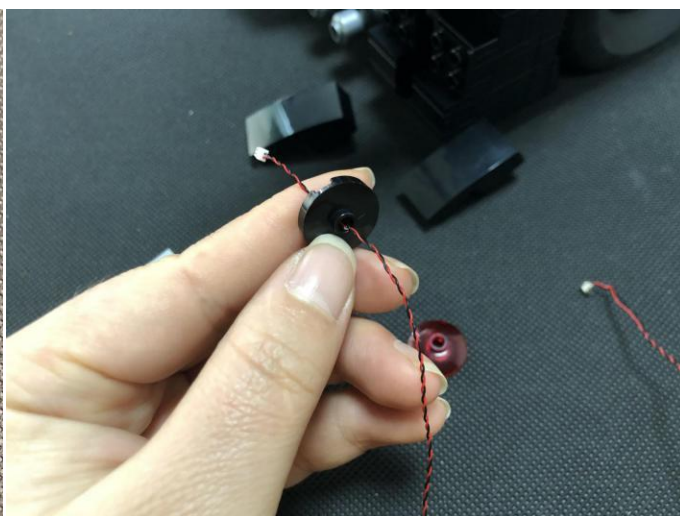
28. Now, we'll install taillights, remove the lamp from one side.



29. Disassemble the following piece.



30. Take a 30cm red dot light, thread the light through the black round plate with hoe, pull the cable out till the light is placed against the hole.



31. Secure the light with the trans red plate.



32. Take a 30cm red dot light, a 1x1 trans red round plate, with lighting part facing up, connect it to the following place.

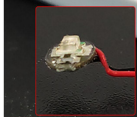


Tips

The plate without slit:

The plate without slit:

The squeeze causes the protective layer of the wire to be torn apart, the positive and negative wires touch together, and the set is short-circuited and the hot or wire is crushed, the wire to be disconnected and don't work.



The plate with slit:

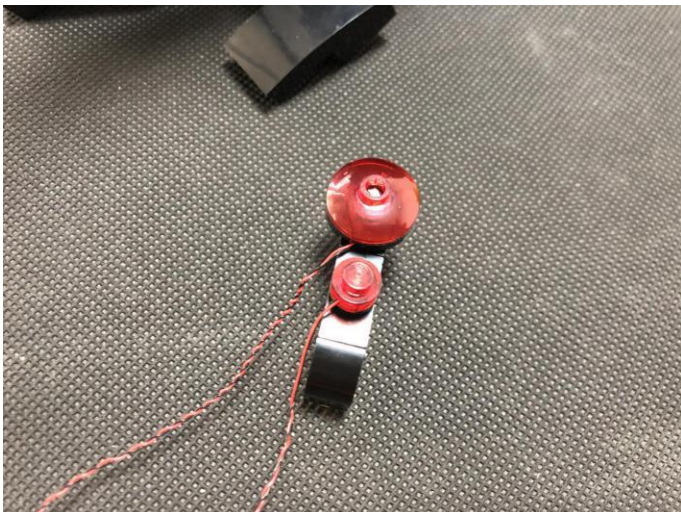
The plate with slit:

The wire has enough space to avoid being squeezed endowed with longer service life and more stable effect.

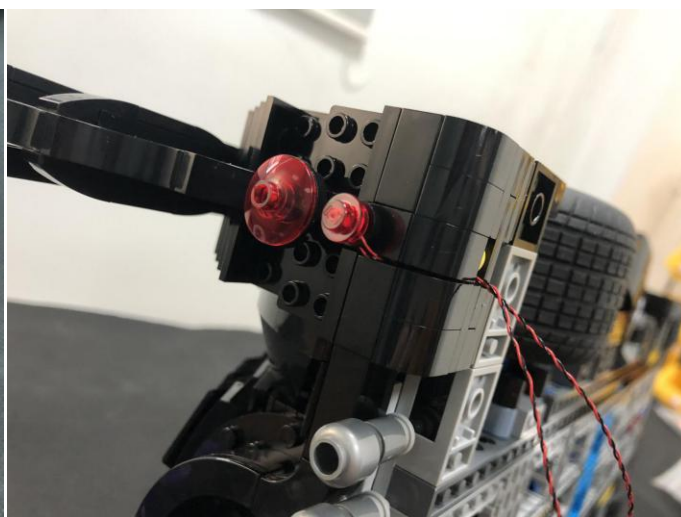
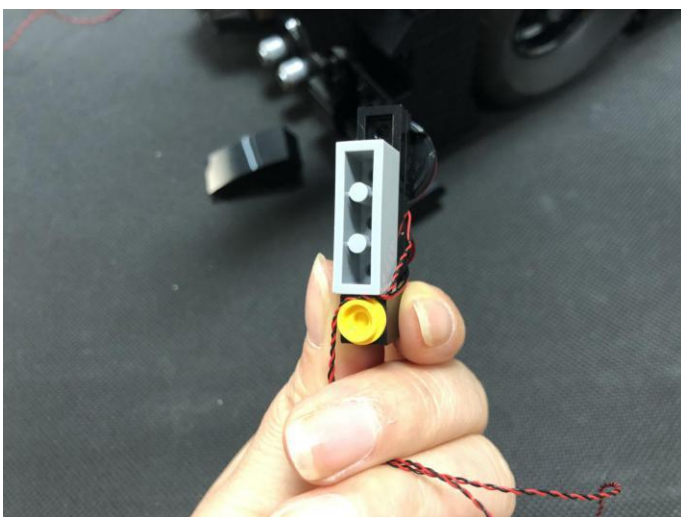


The slit on the the plate round 1X1 are hand-made to avoid squeeze the wire and cause short circuit and abnormal heat during installation.

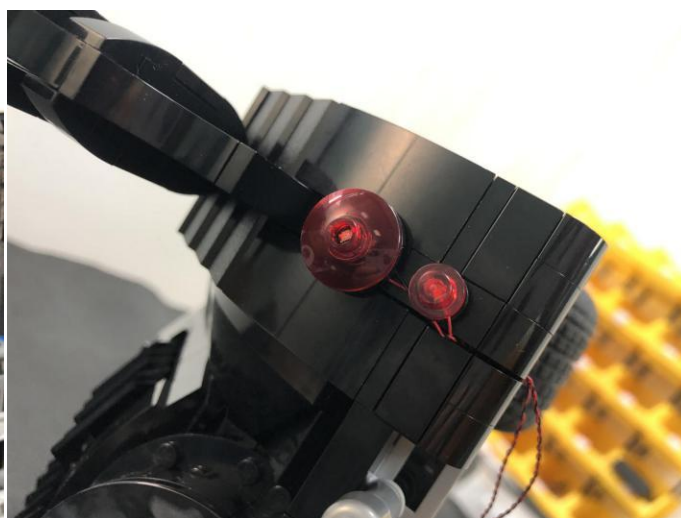
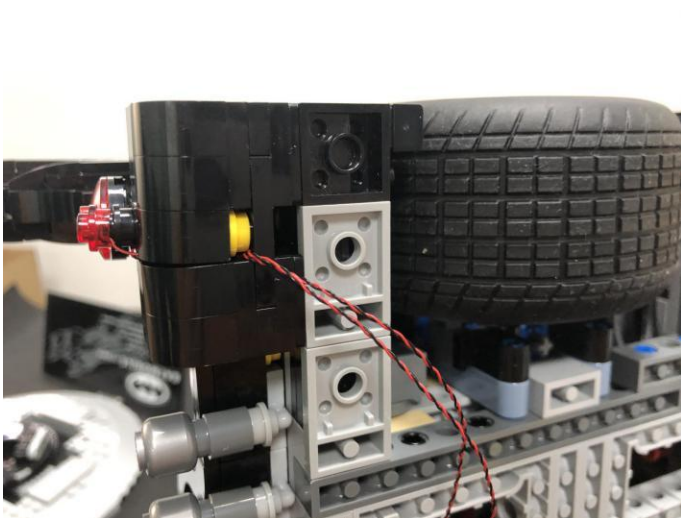
33. Secure the light with the trans red 1x1 round plate.



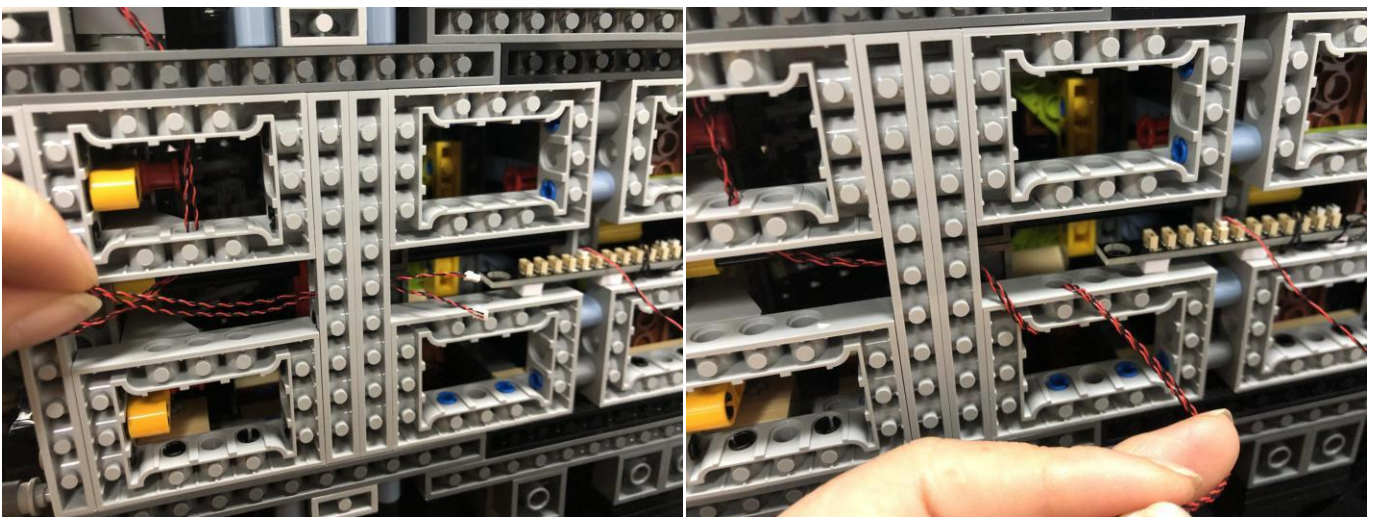
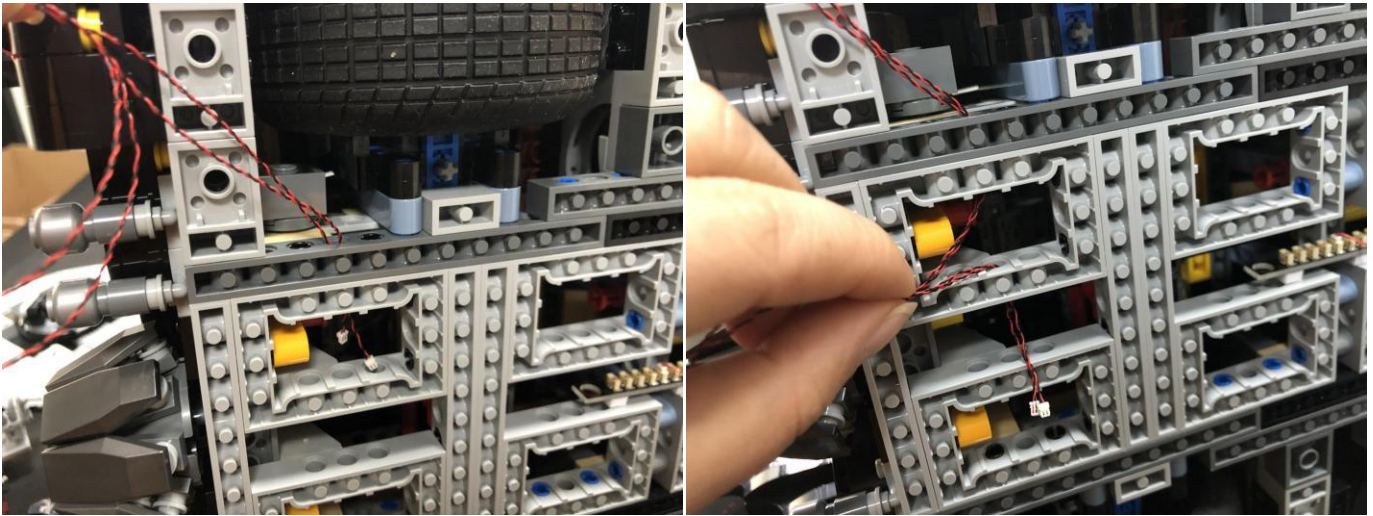
34. Wind the cable as per below, reconnect the other pieces.



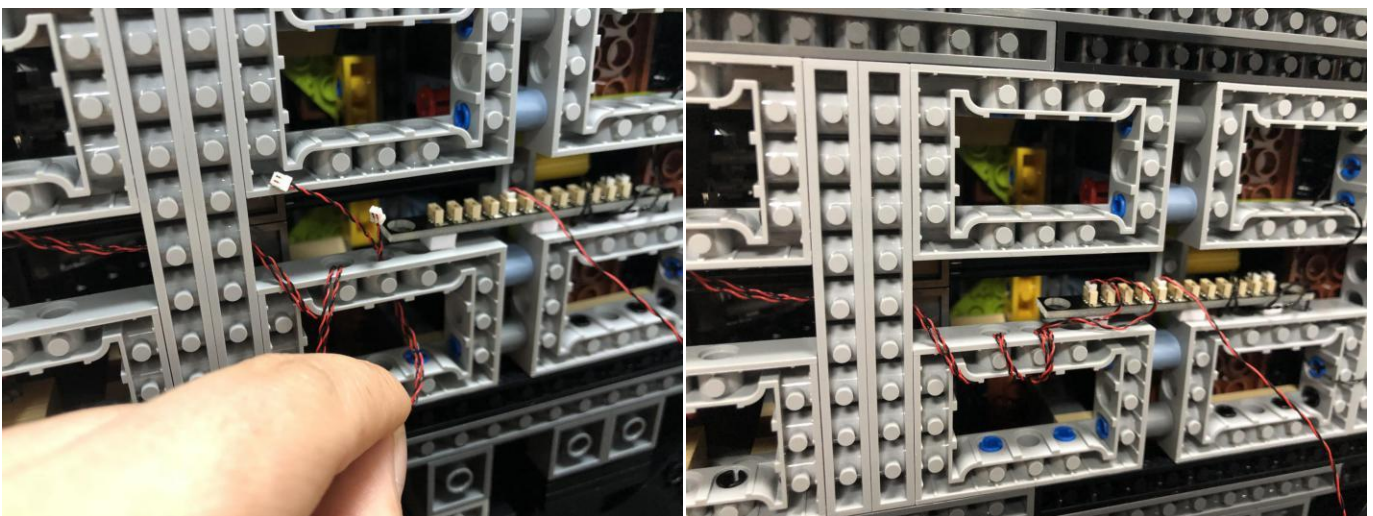
35. Pull the cable toward the bottom.



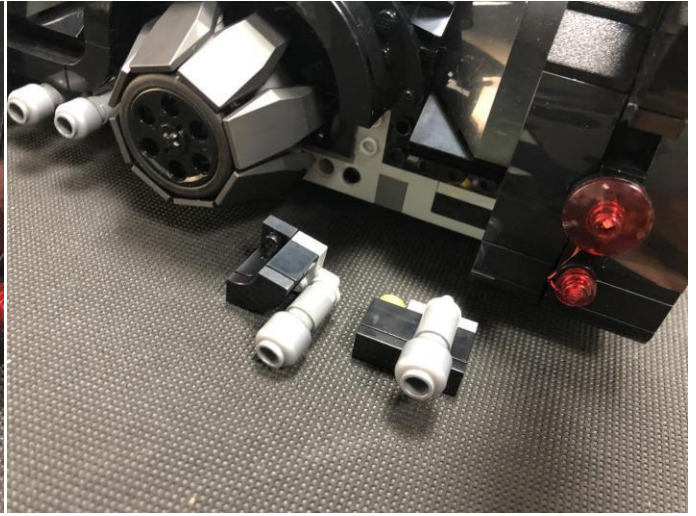
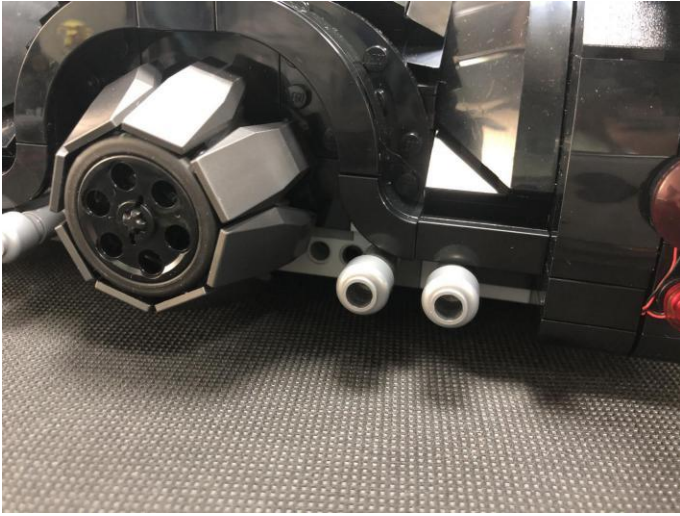
36. Thread the cable through the holes underneath the car (thread it randomly), and pull it to the 12-port expansion board.



37. Connect the cable to the 12-port expansion board.



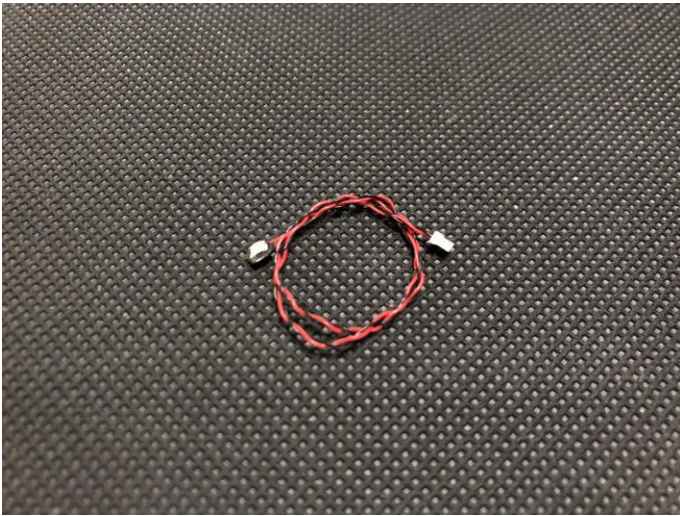
38. Now, we'll install lights for the exhausts, remove the 2 exhausts from the right side.



39. Disassemble them.



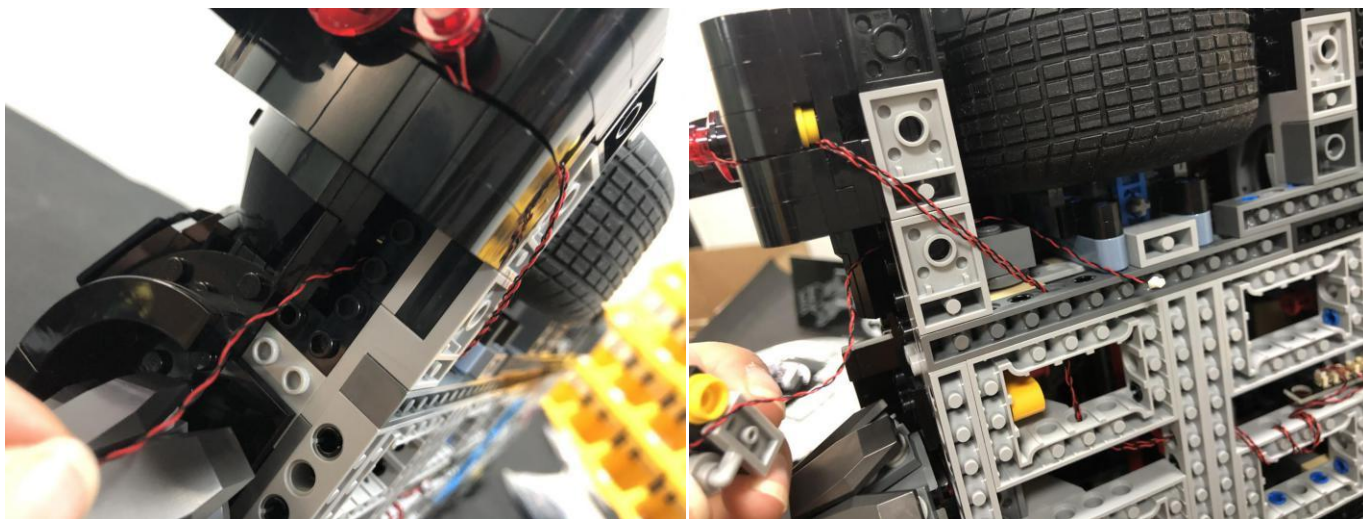
40. Take a 15cm red dot light, thread the cable through the 1x1 dark gray piece, pull the cable till the light is placed inside.



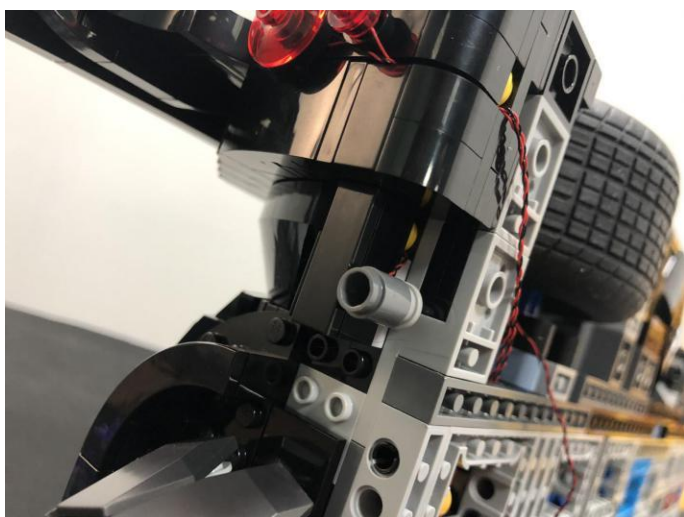
41. Reconnect the exhaust.



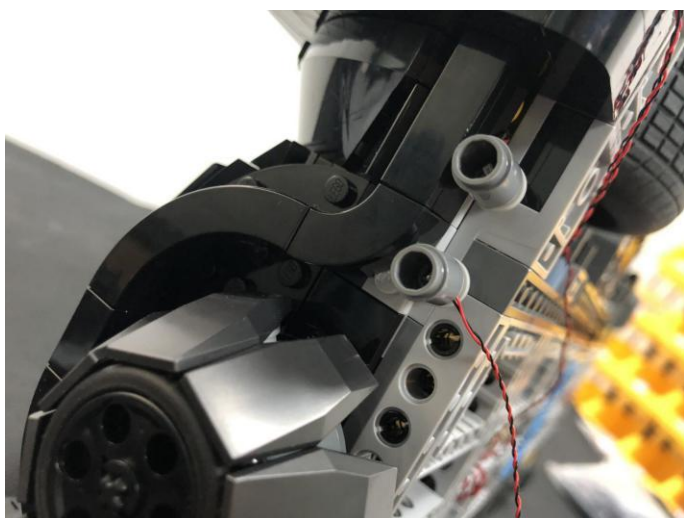
42. Thread the cable through the following space to the bottom of the car.



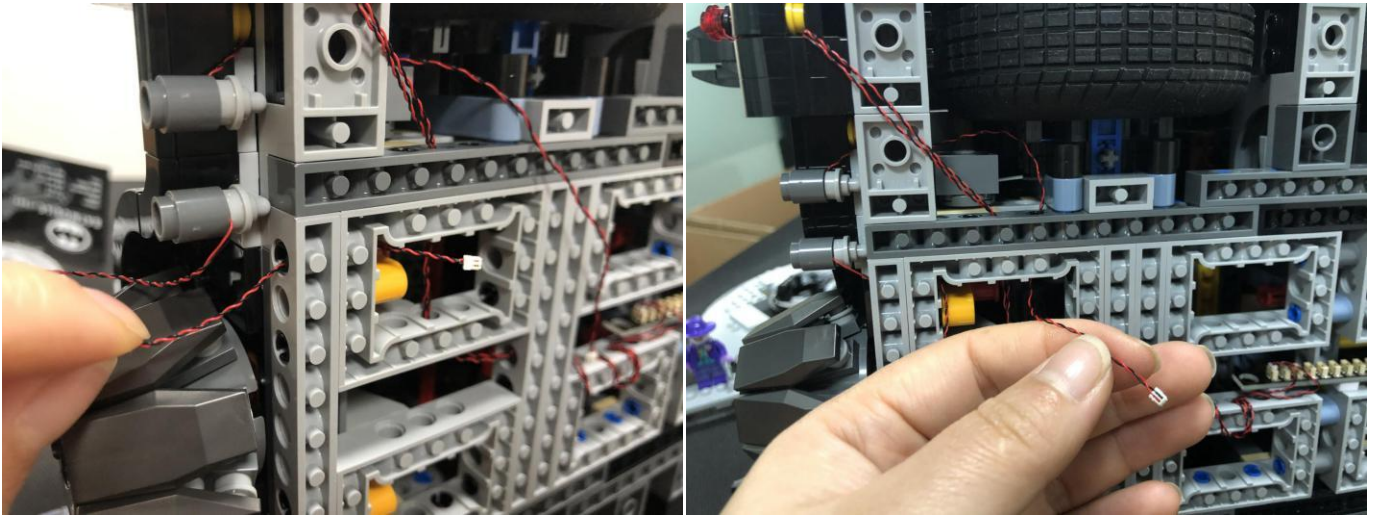
43. Reconnect the exhaust.



44. Take a 15cm red dot light repeat the steps above to install lights for the other exhaust.



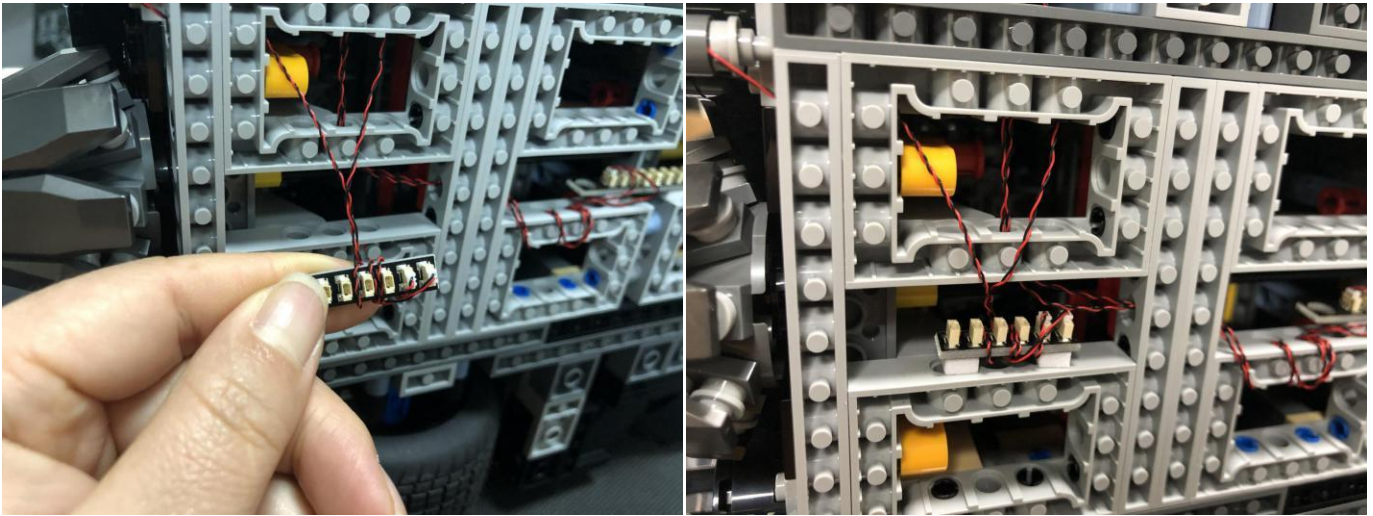
45. Thread the cable through the following place, and pull it out underneath the car.



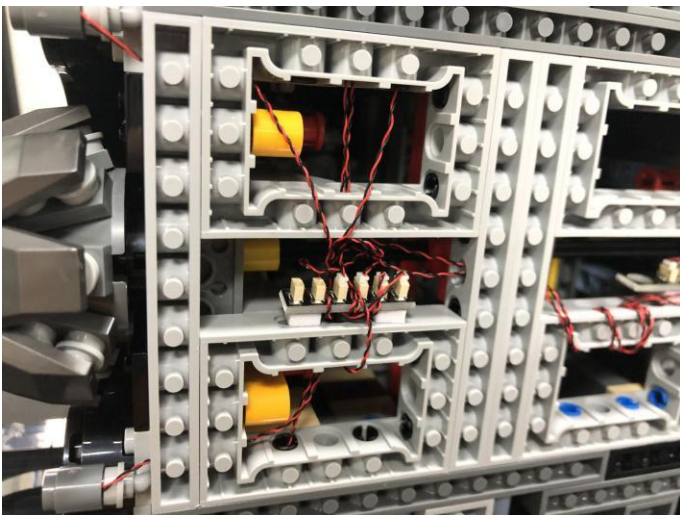
46. Take a 6-port expansion board, connect the 2 cables of the lights to it.



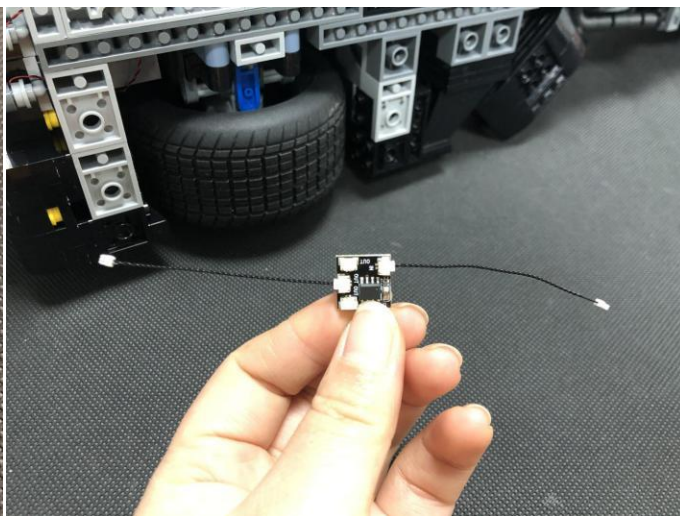
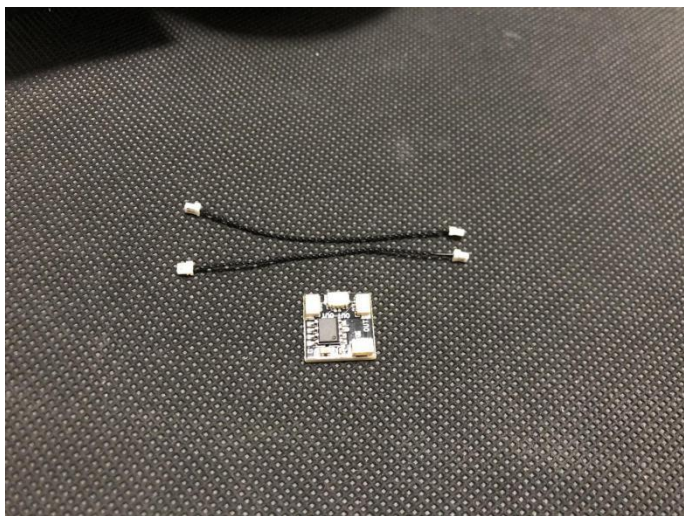
47. Tuck excess cables, stick the expansion board to the following place with adhesive squares.



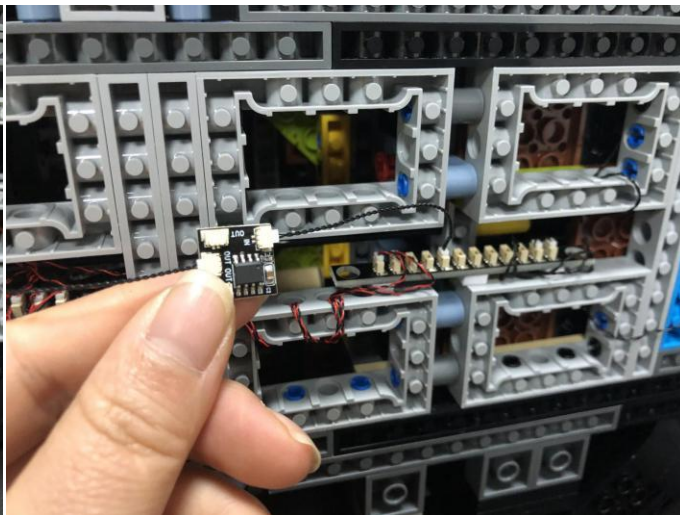
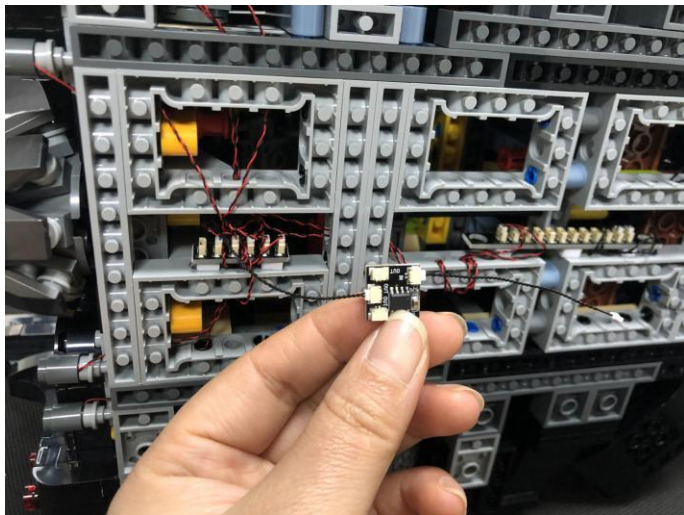
48. Take 2 more 15cm red dot lights, repeat the steps above to install lights for the exhausts at the other side.



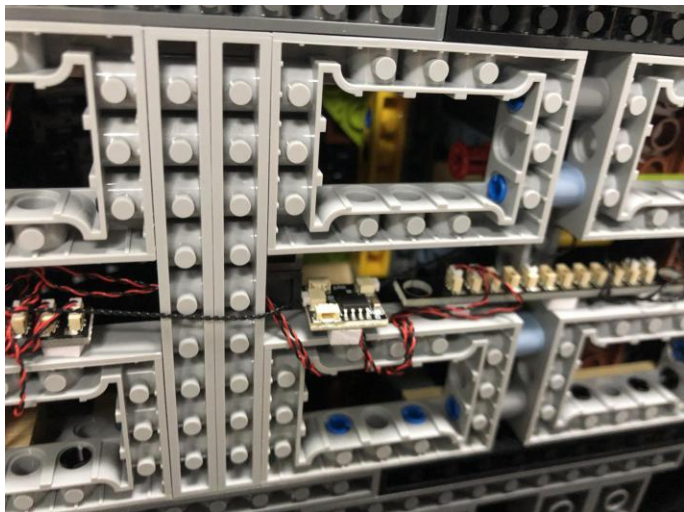
49. Take two 5cm connecting cables, a Flicker Effects Board, connect the two cables to the input and output ports of the Flicker Effects Board.



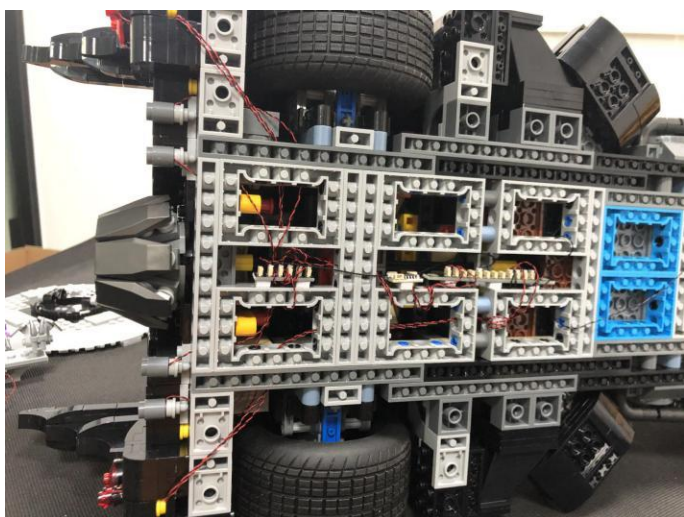
50. Connect the other end of the cable from the output port to the 6-port expansion board, connect the one from the input port to the 12-port expansion board.



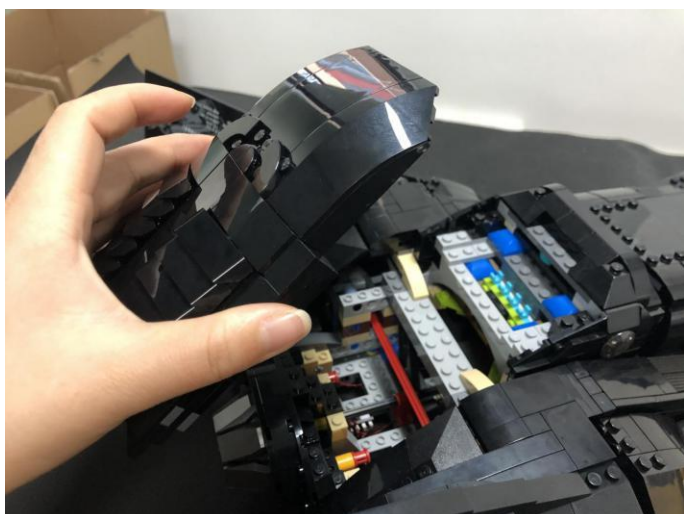
51. Stick the Flicker Effects Board to the following place.



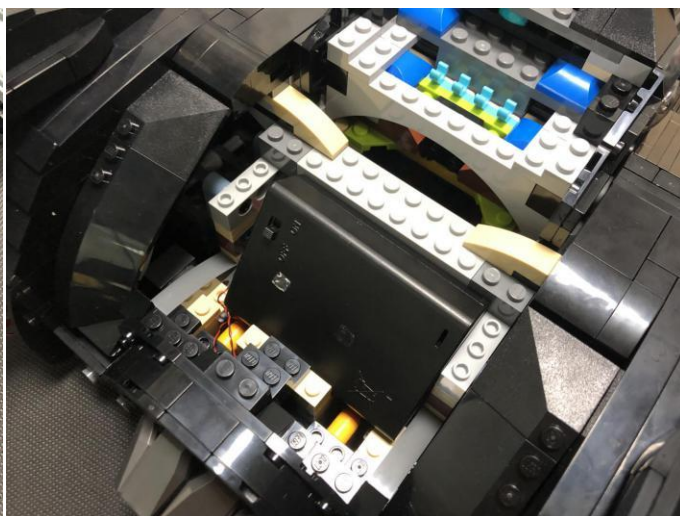
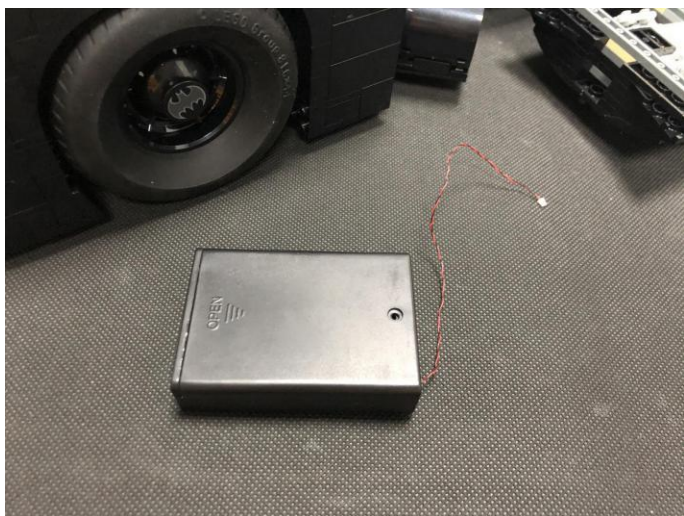
52. Take 2 red 30cm dot lights, a 1x1 trans red round plate, repeat the previous steps to install the taillights at the other side.



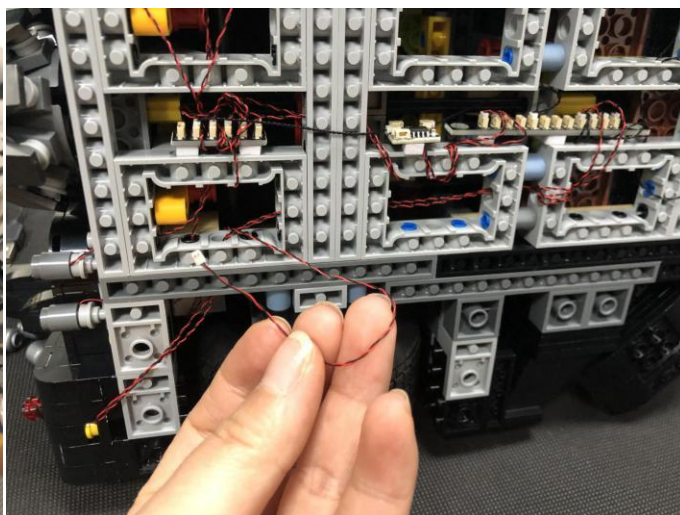
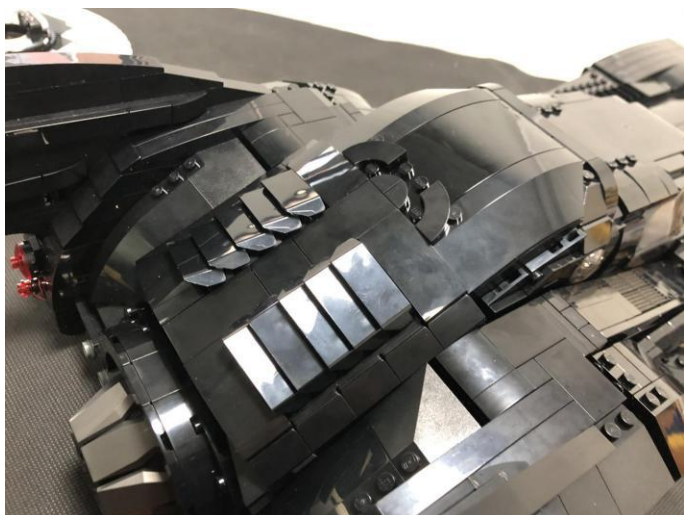
53. Remove the tail.



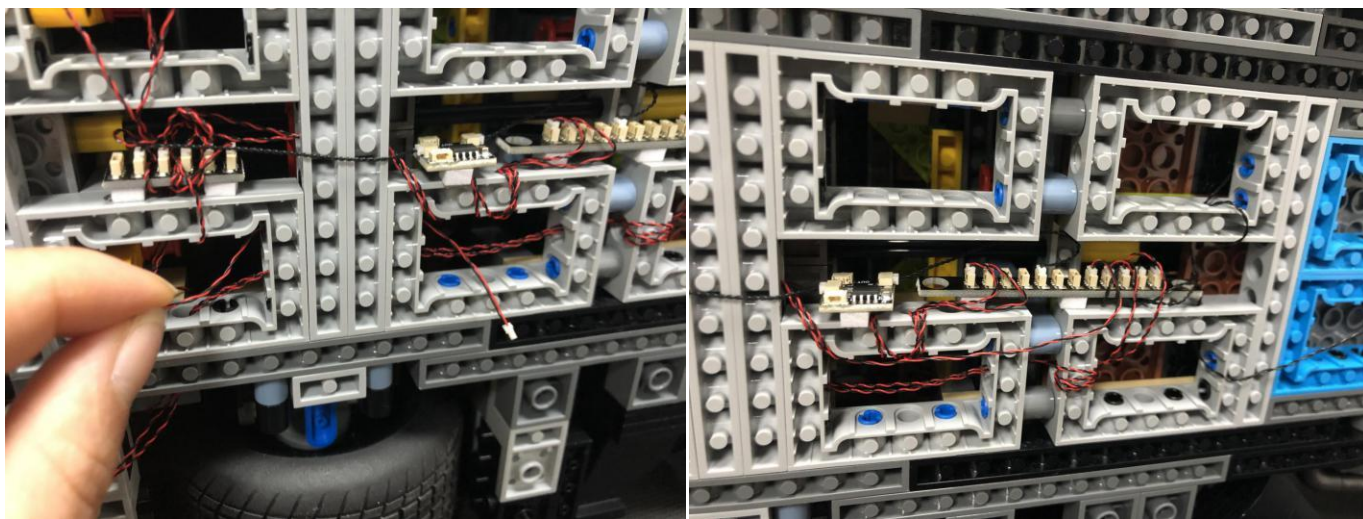
54. The AA Battery Box does not contain batteries, please buy three AA batteries in the nearest store and install it in the AA Battery Box.



55. Reconnect the piece we removed before, turn the car to its side, pull the cable out from the bottom.



56. Thread the cable of the battery pack through the hole, and connect it to the 12-port expansion board.



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

