

Aston_Martin_DB5_10262 Advanced Version LED Lighting Kit

Package contents:

- 2 X Round Button Battery pack
- 1 X 30cm USB power cord
- 8 X 30cm White Dot Lights
- 2X 15cm White Dot Lights
- 2 X 30cmWarm White Dot Lights
- 1X Warm White Strip Lights
- 4X Bule Strip Lights
- 1 X 8-Port Expansion Boards
- 1 X 12-Port Expansion Boards
- 4X 15cm Connecting Cables
- 1X 5cm Connecting Cables

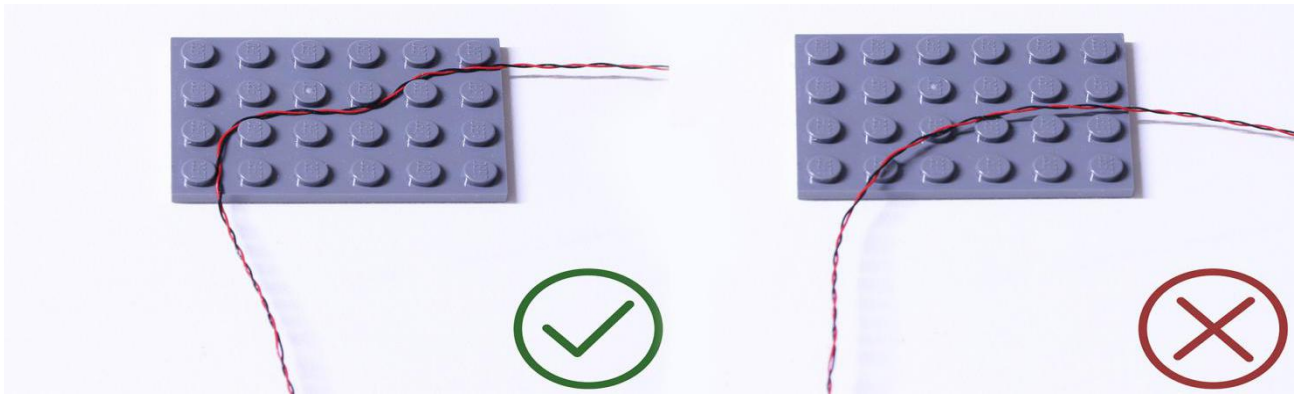
Others:

- 8X Adhesive Squares LEGO pieces

Note:

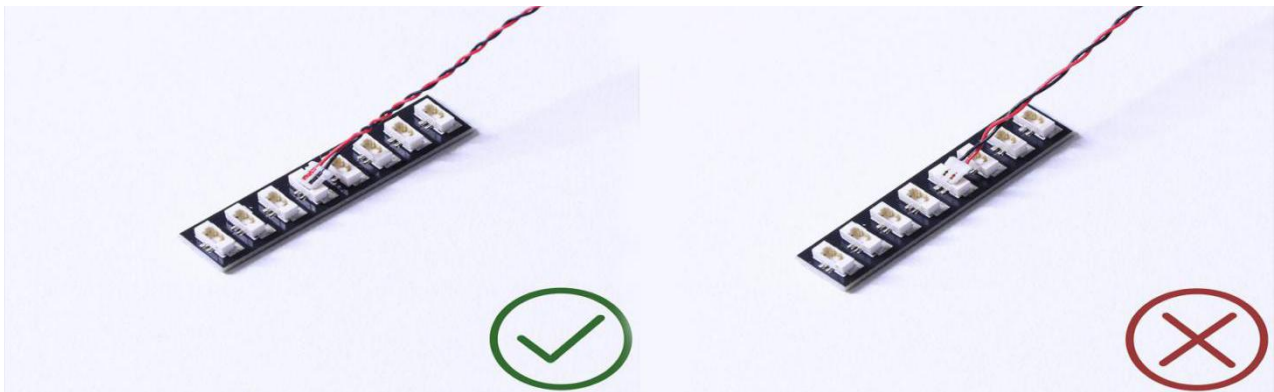
Place wires on the surface or under the LEGO building blocks.

The wire can be place between the building blocks or under the block, but they should be placed between the studs correctly.

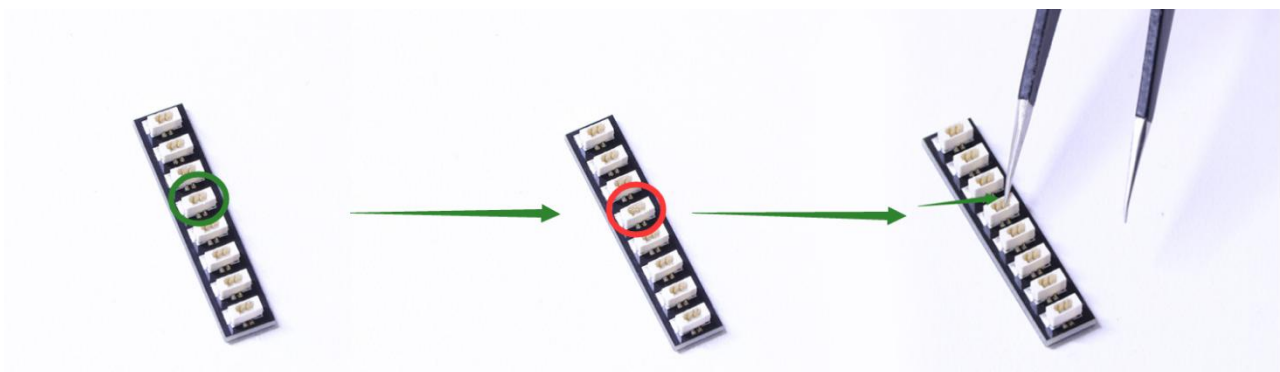


Insert the connectors to the ports.

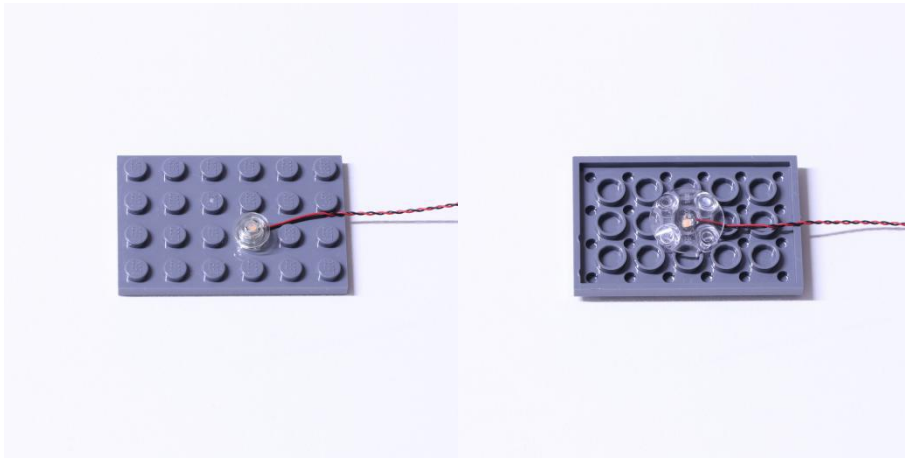
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop, and don't force it, for that may result in bent pins inside the port or overheating of the expansion board.



At this point, use the tweezers to straighten the bent pins.

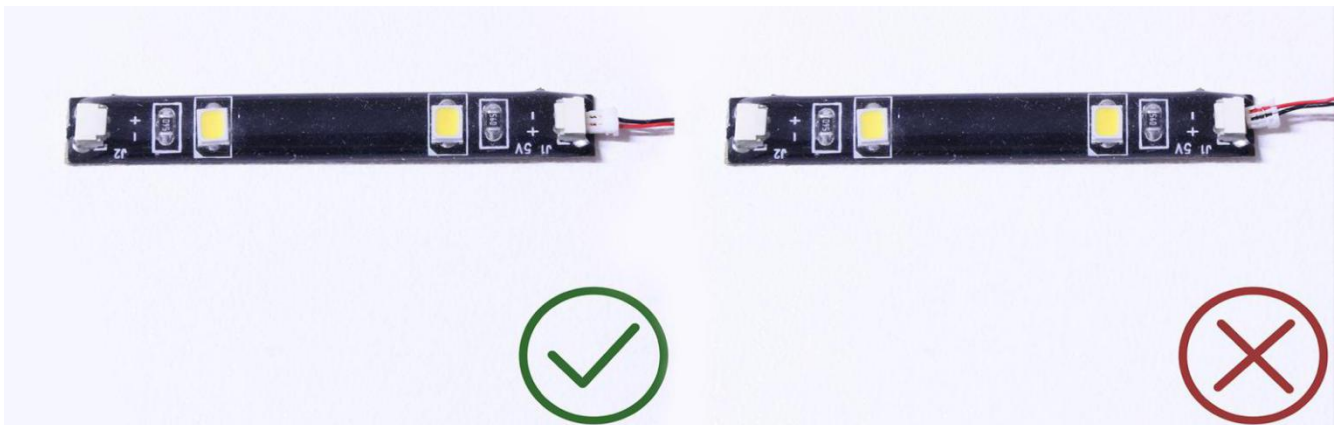


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.



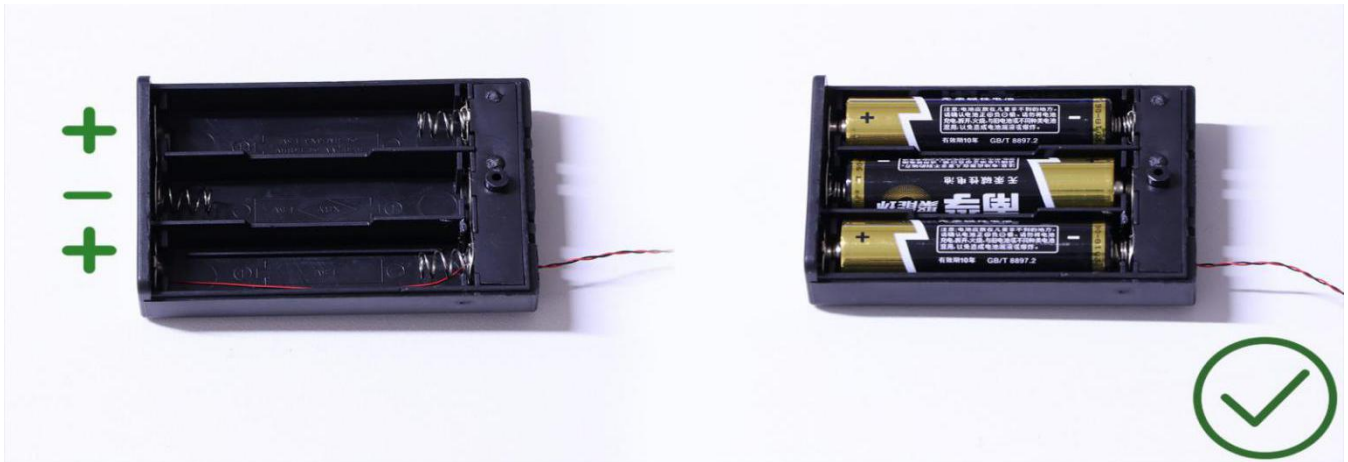
Connecting cable connectors to Strip Lights

Take extra care when inserting connectors to ports on the Strip Lights. Connectors can be inserted only one way. With the Strip Light facing up, ensure the side of the connector with the wires exposed is facing down. If a plug won't fit easily into a port connector, don't force it. Doing so will damage the plug and the connector.



Finally, please pay attention to the positive and negative terminals of the battery when installing the battery case.

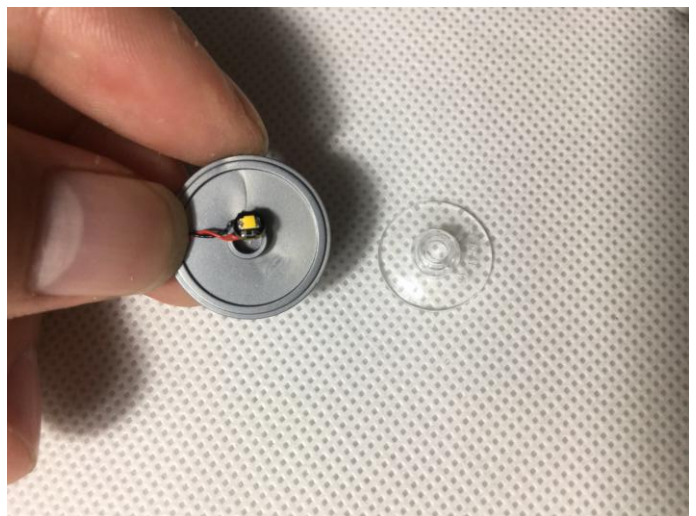


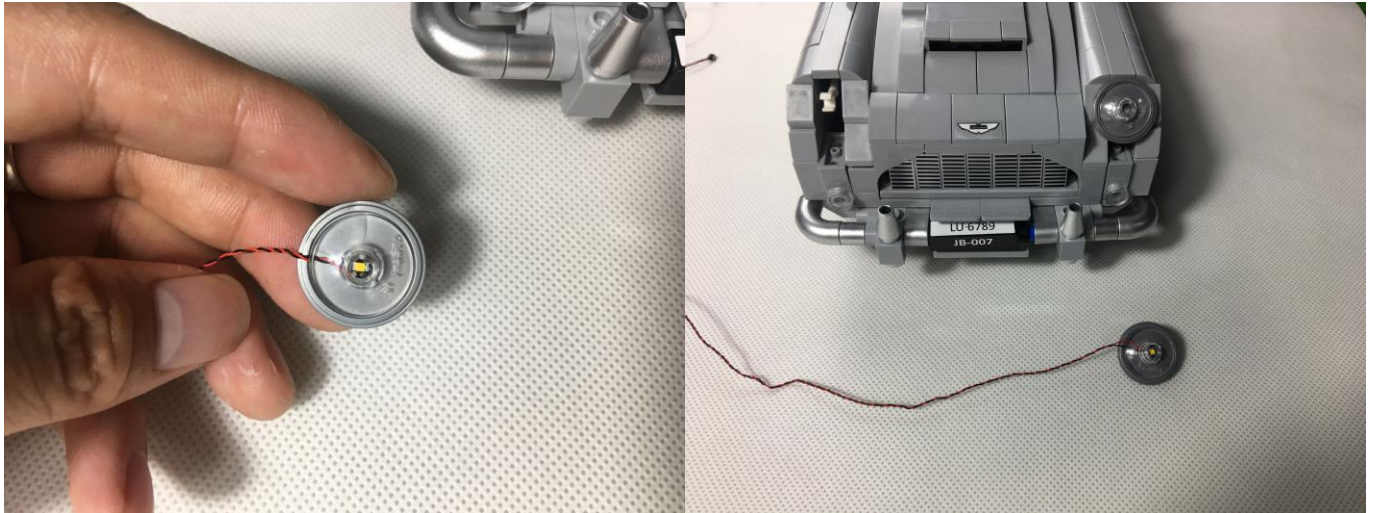


OK, Let's Begin!

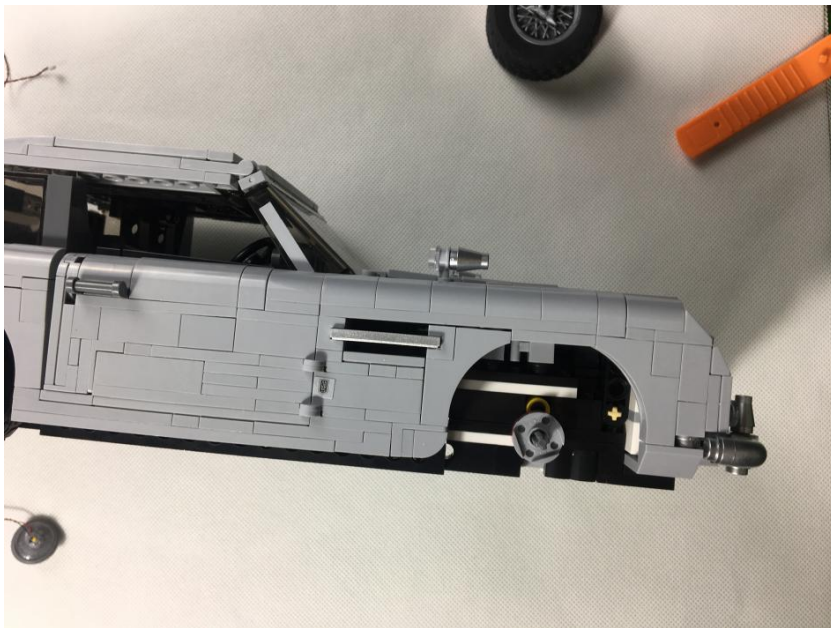
Instructions for installing this kit

1. First install the headlights. Remove a headlight, uncover the transparent part above, take out a 30cm warm white Dot Light, let the LED in the center of the headlight, and cover the transparent part.





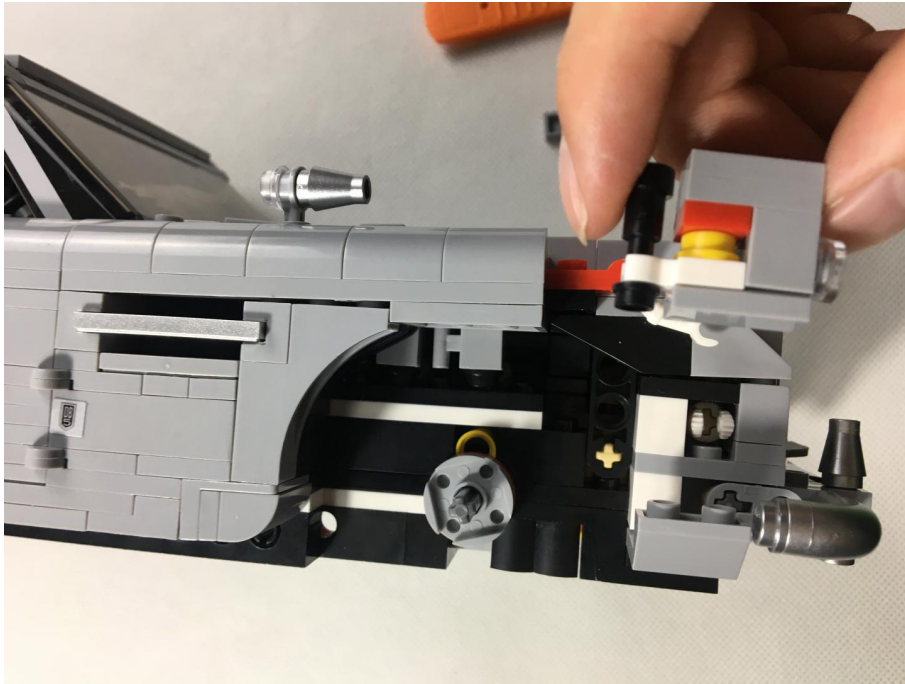
Put the car up on the table and remove the tire



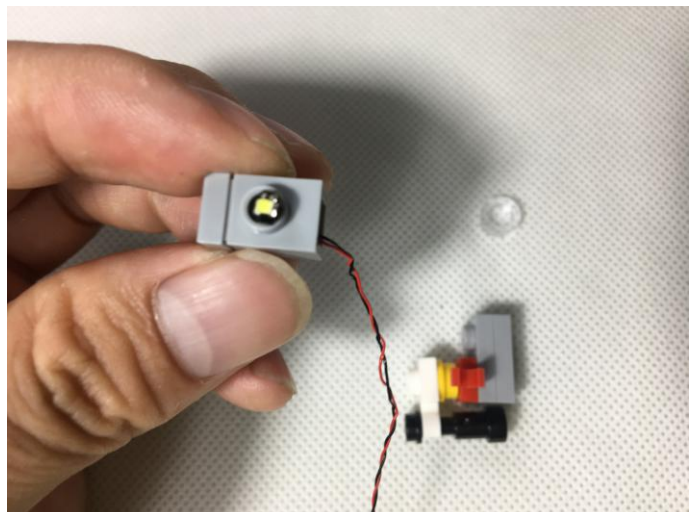
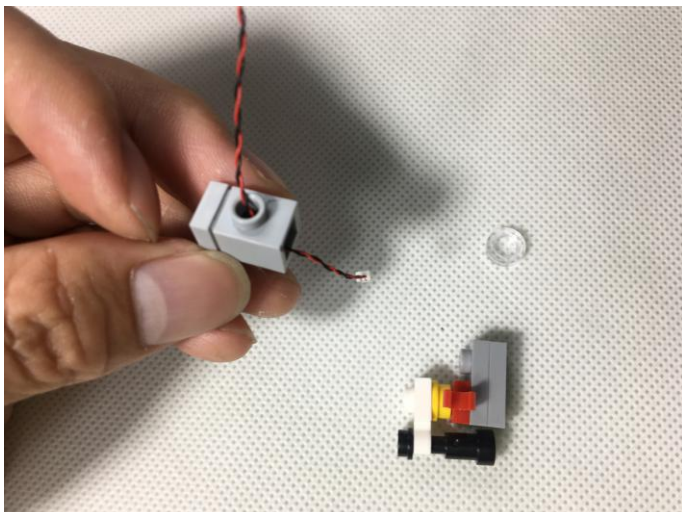
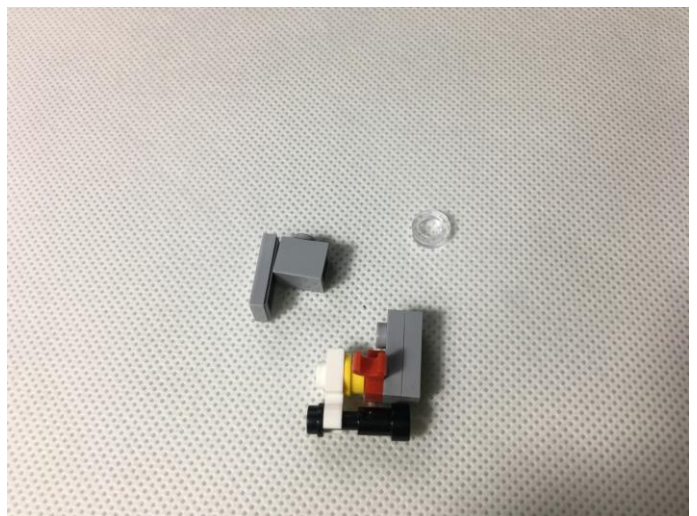
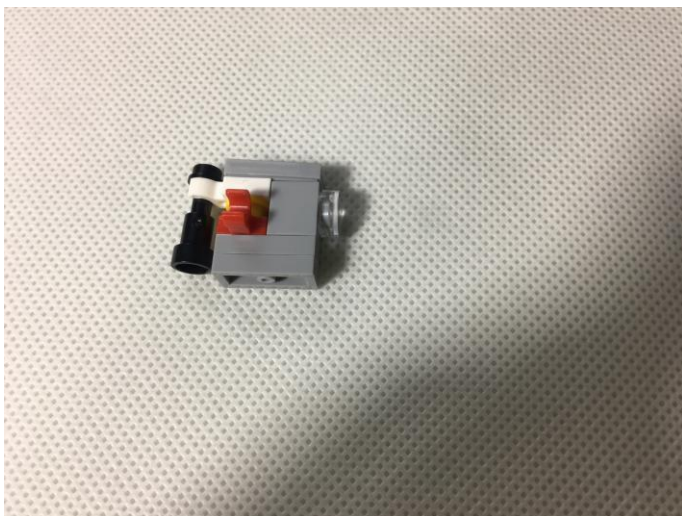
Remove the LEGO pieces as shown below

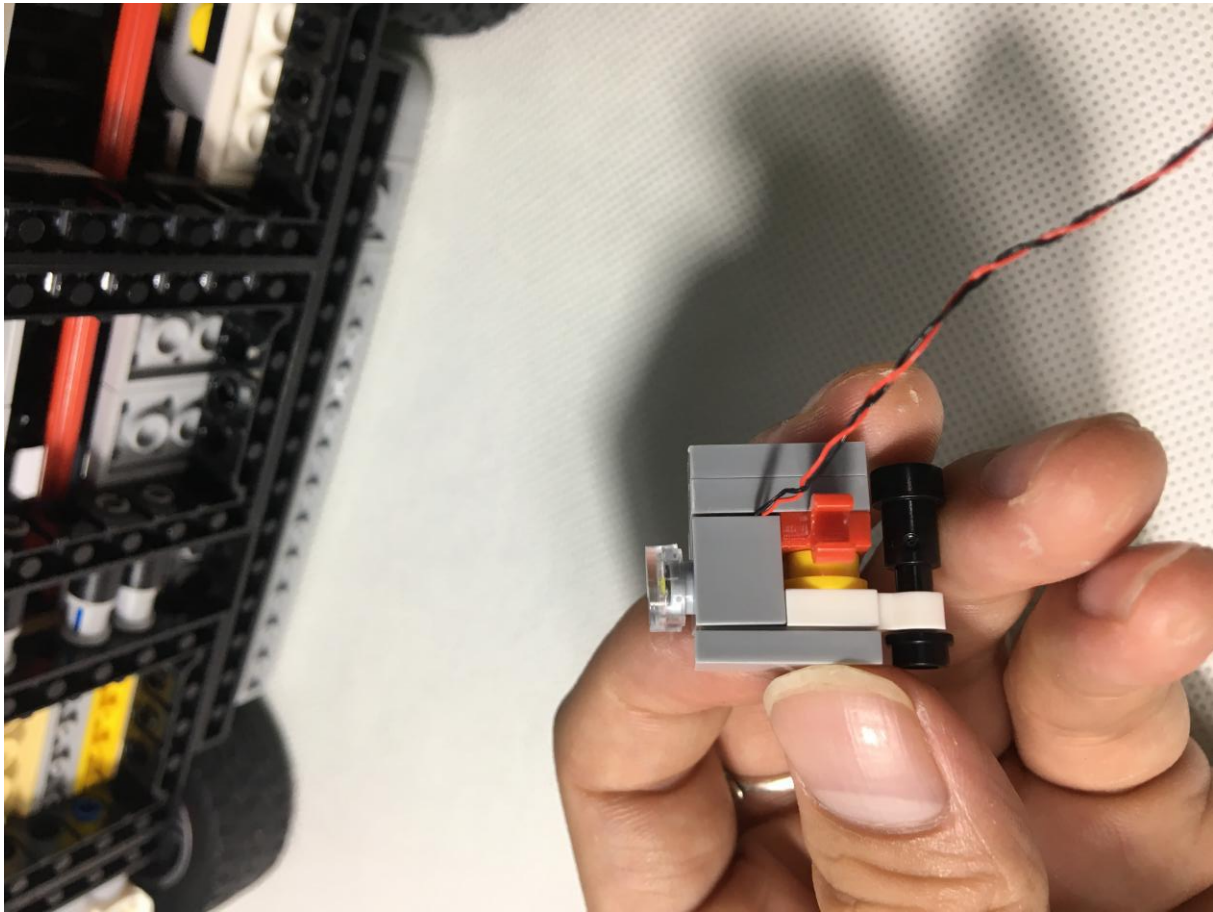


Pull out the piece where the lampshade is located, as shown below

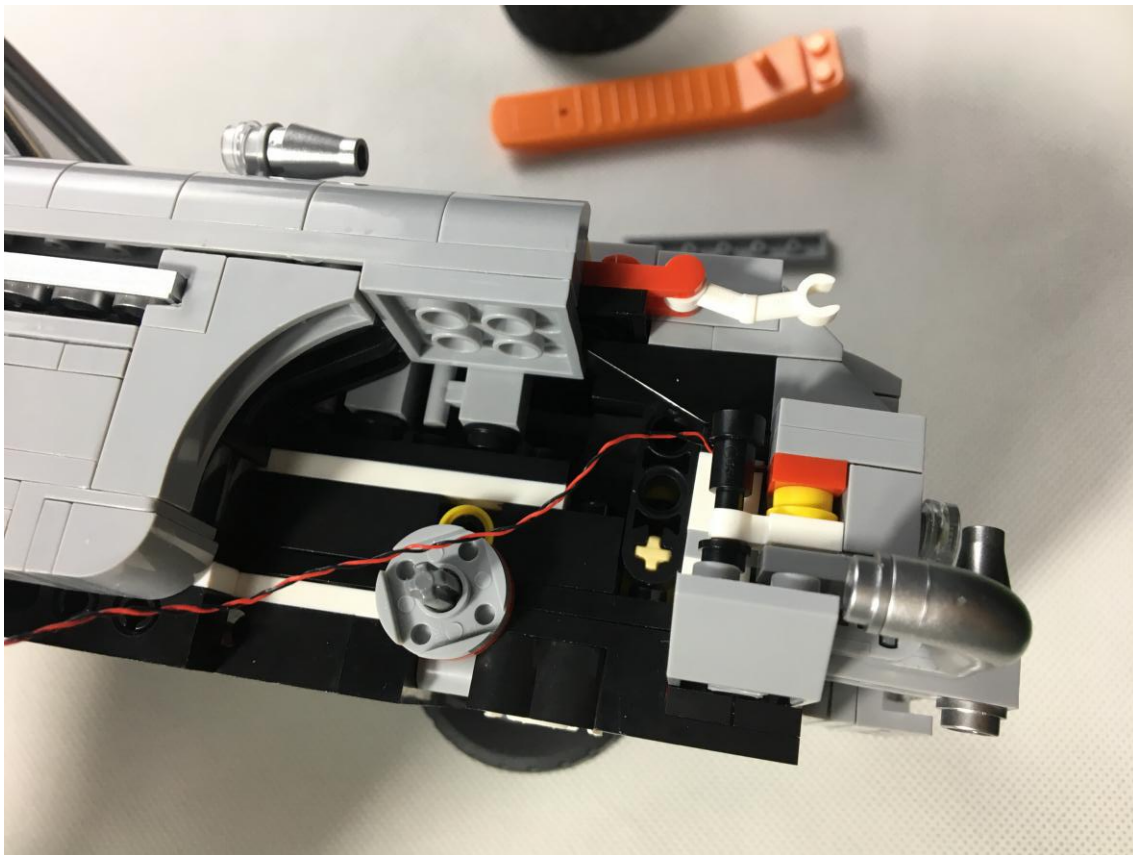


Take a 30cm white Dot Light and let the interface pass through the LEGO pieces as shown below. Note that the cable is on the side of the red claw for easy wiring.

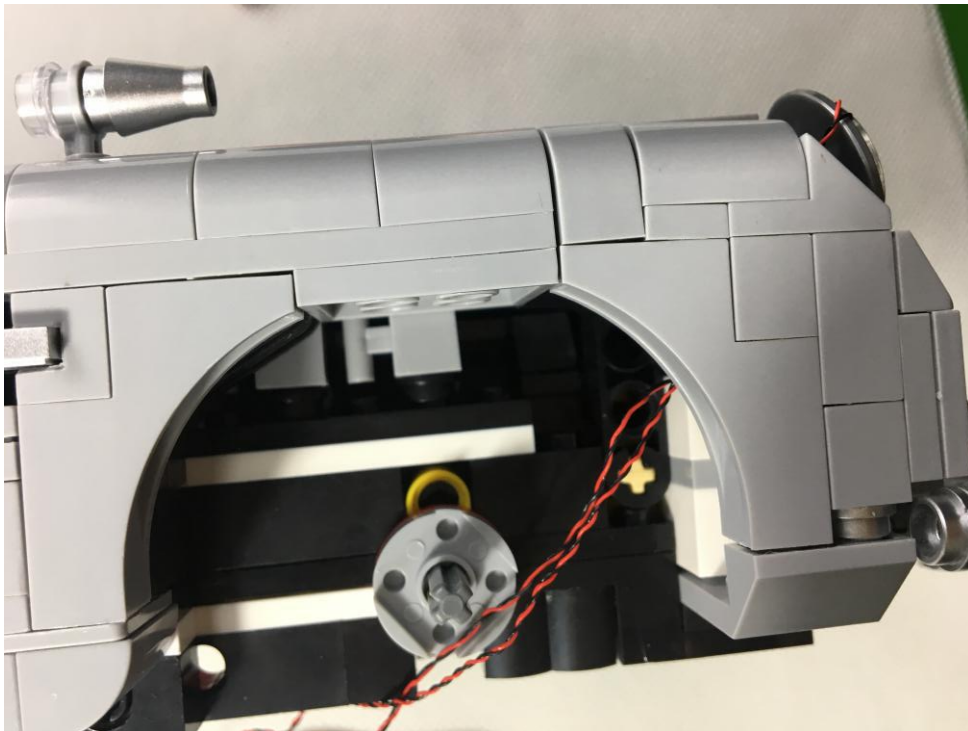
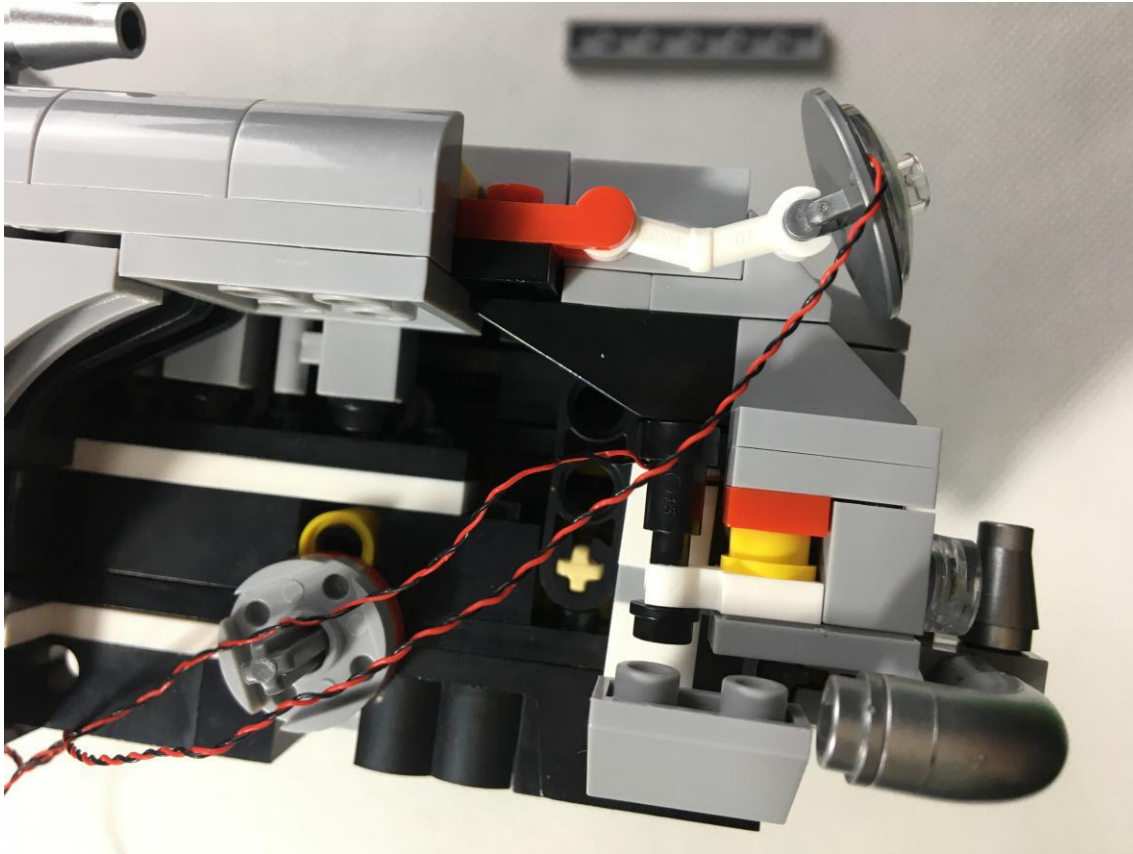




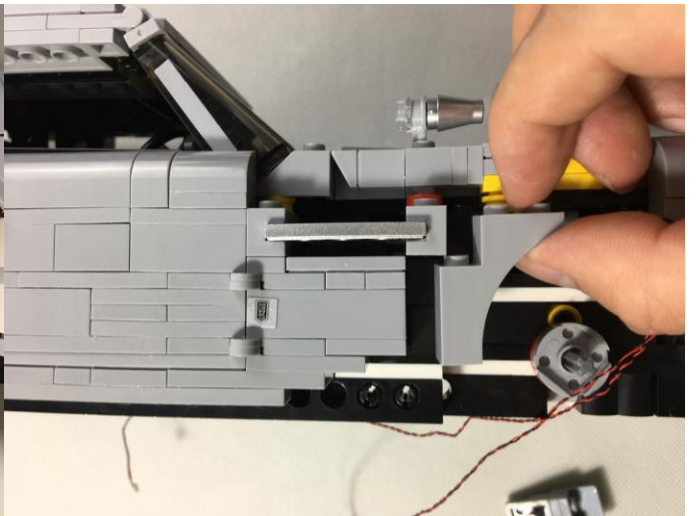
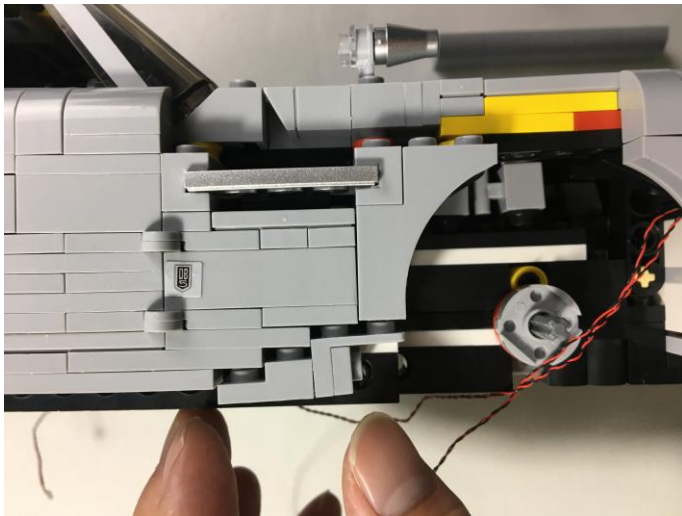
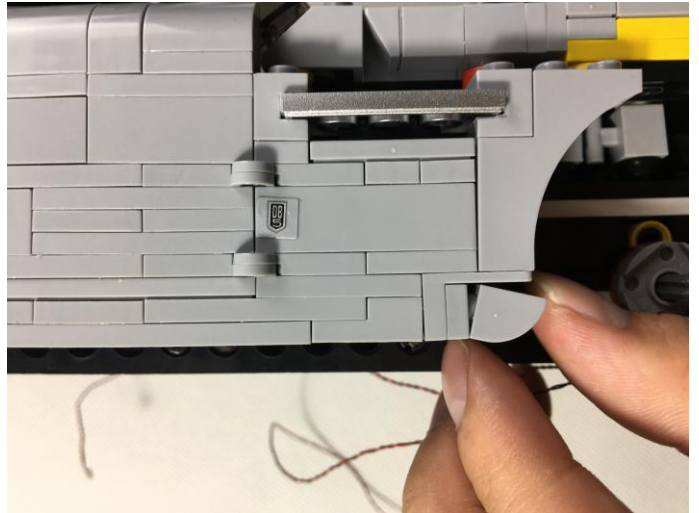
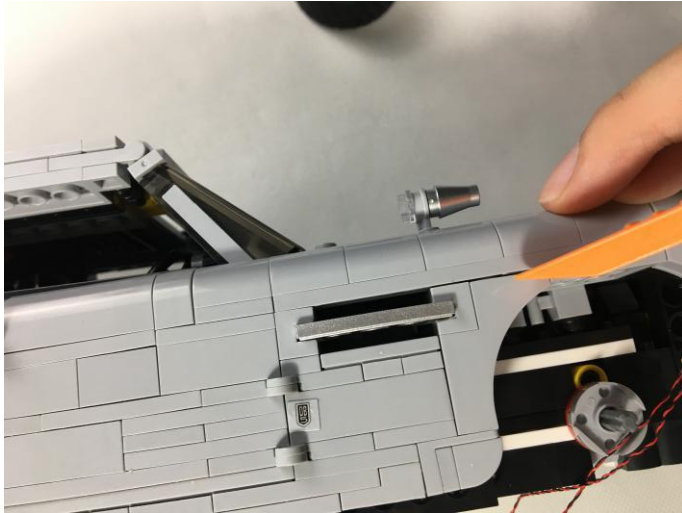
Reconnect the piece



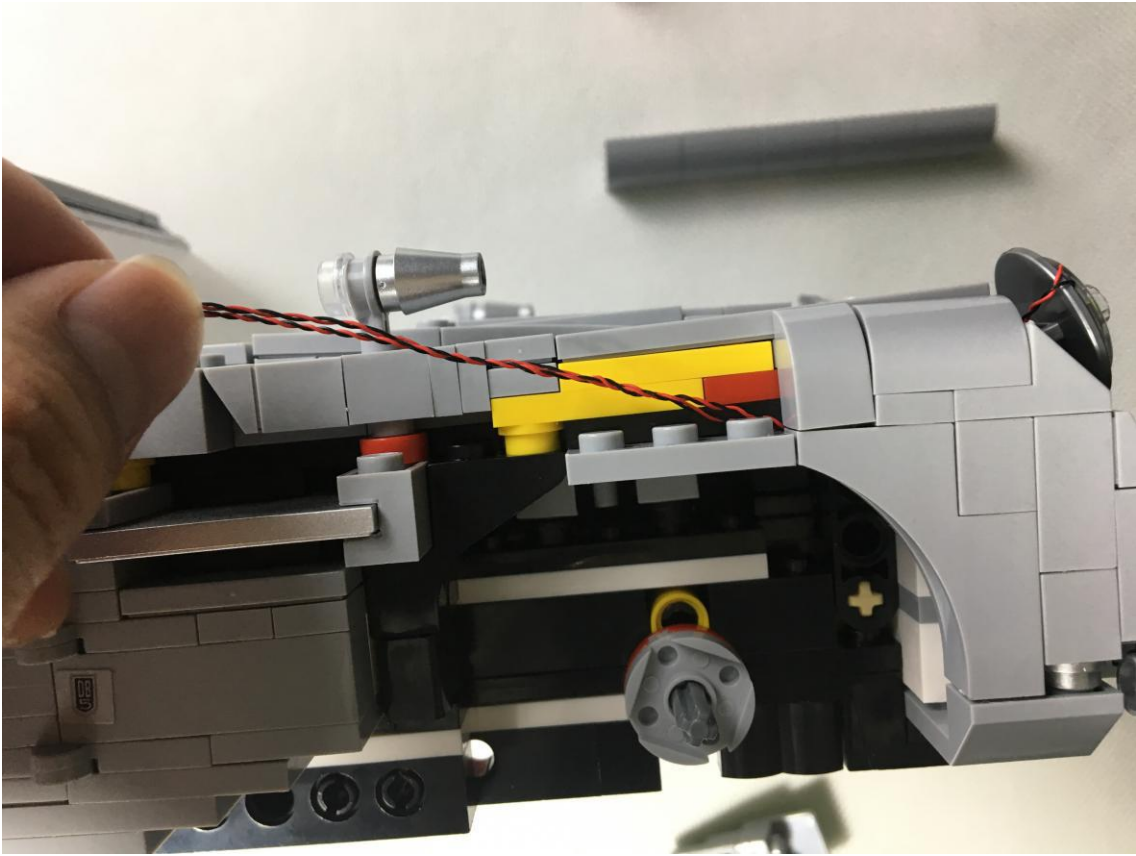
Reconnect the headlights and the LEGO pieces that were previously removed

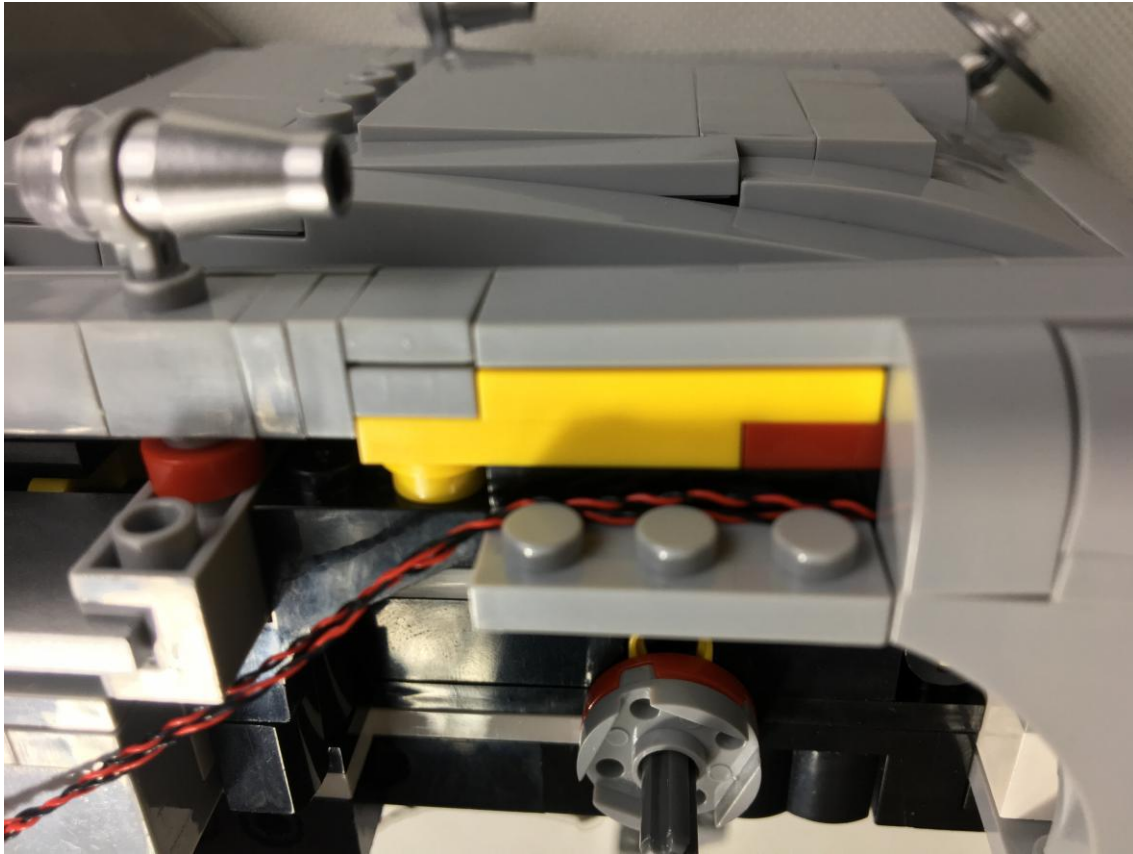


Remove the LEGO pieces as shown blew

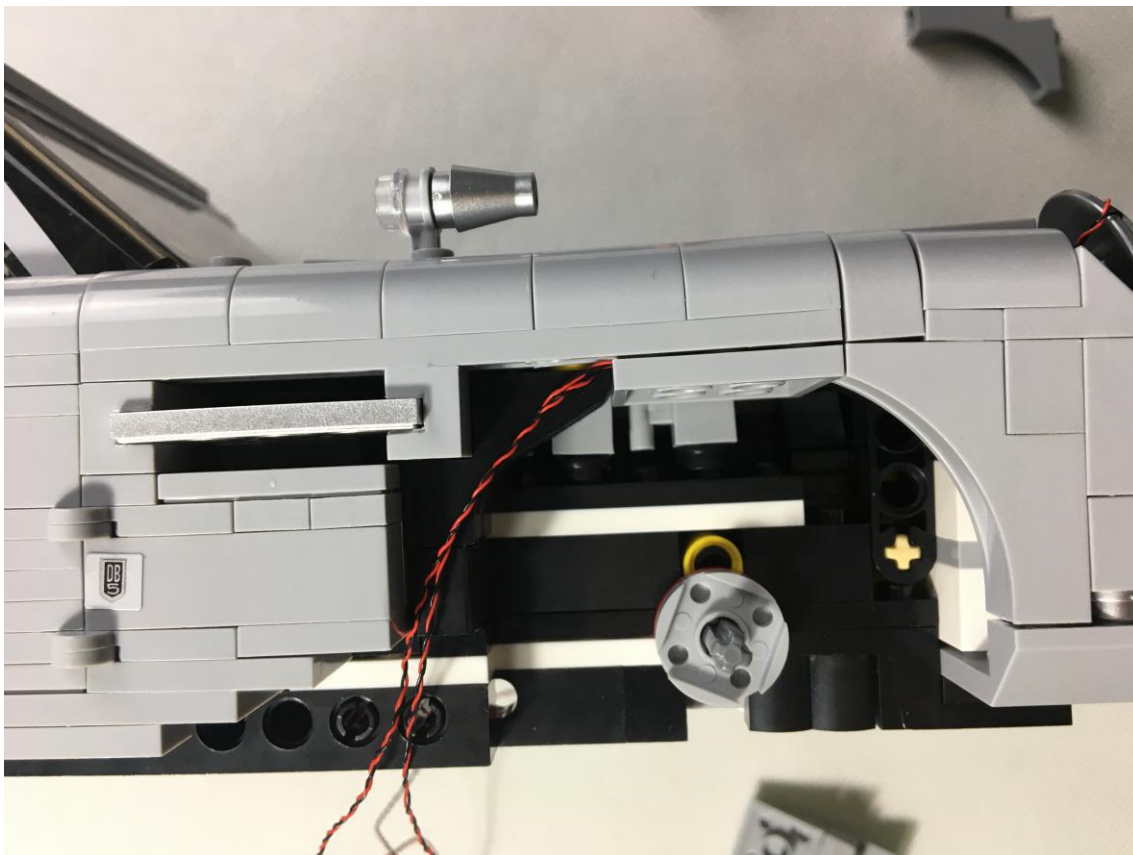


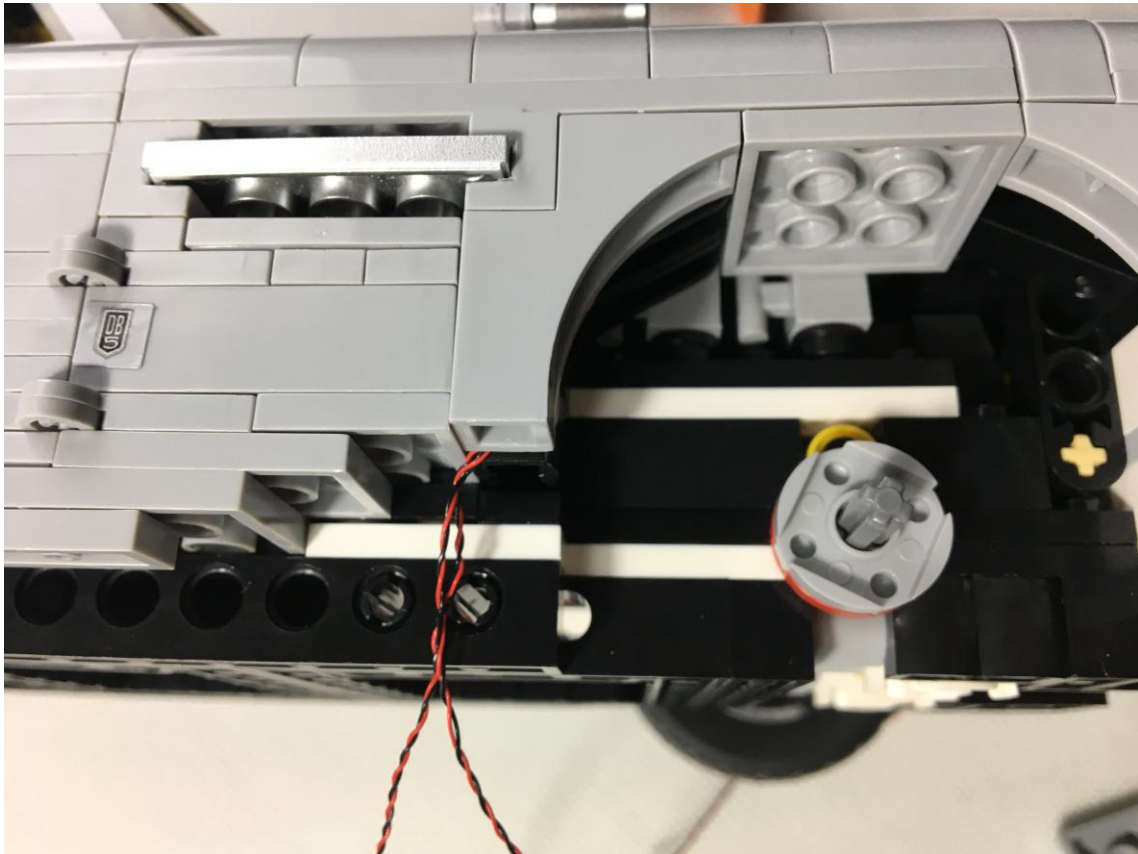
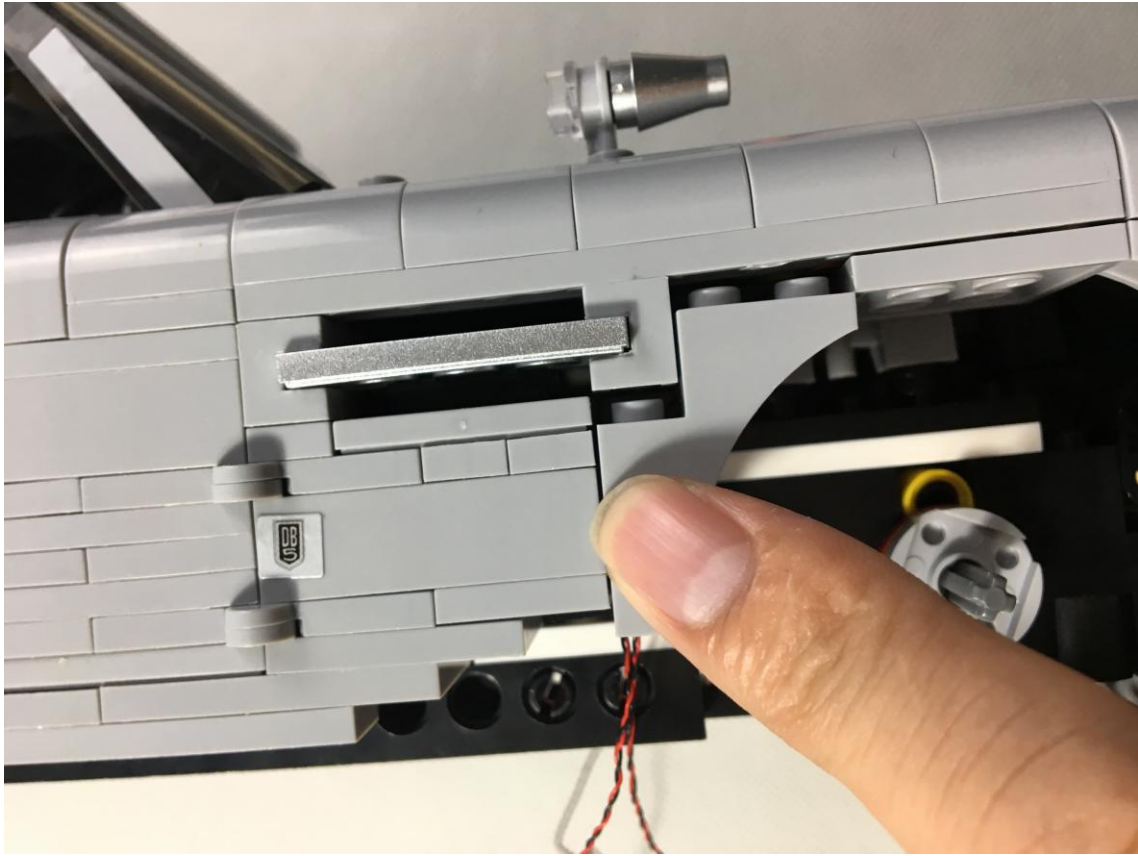
Press 3*3 LEGO piece. Note that the cable is above and between the bumps



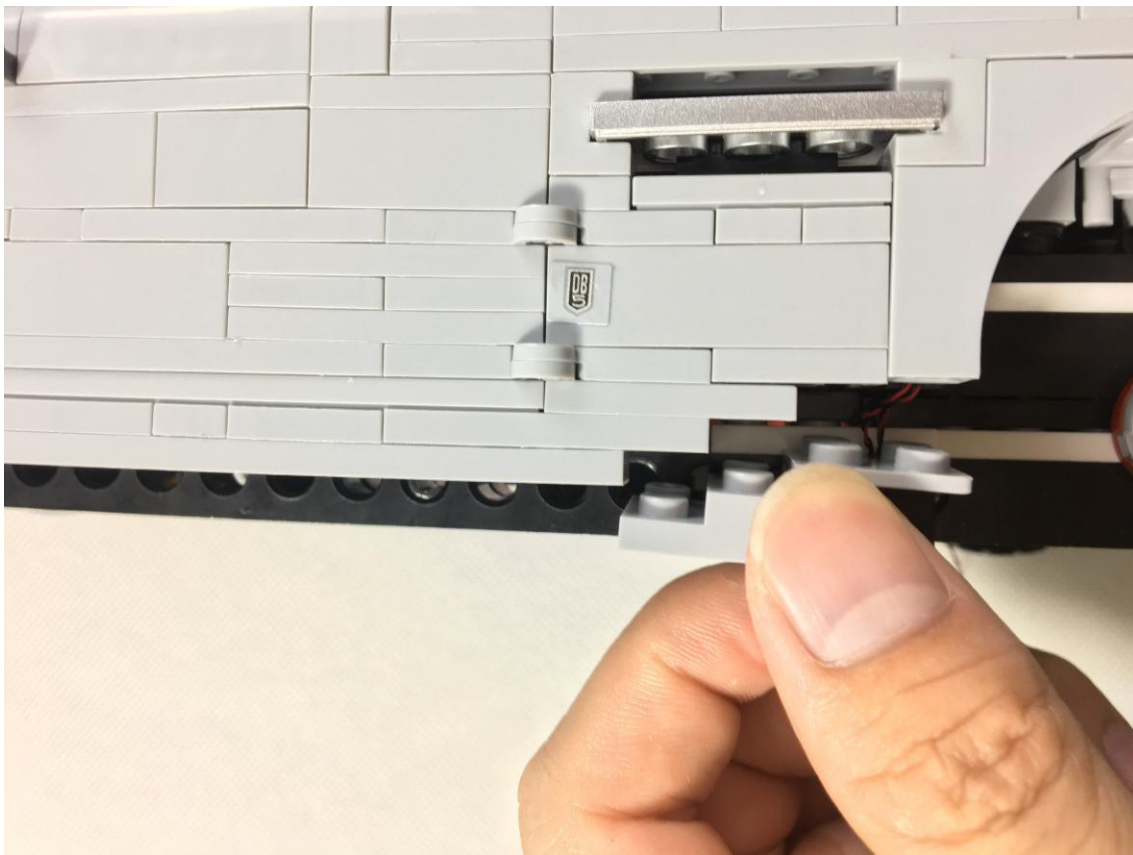
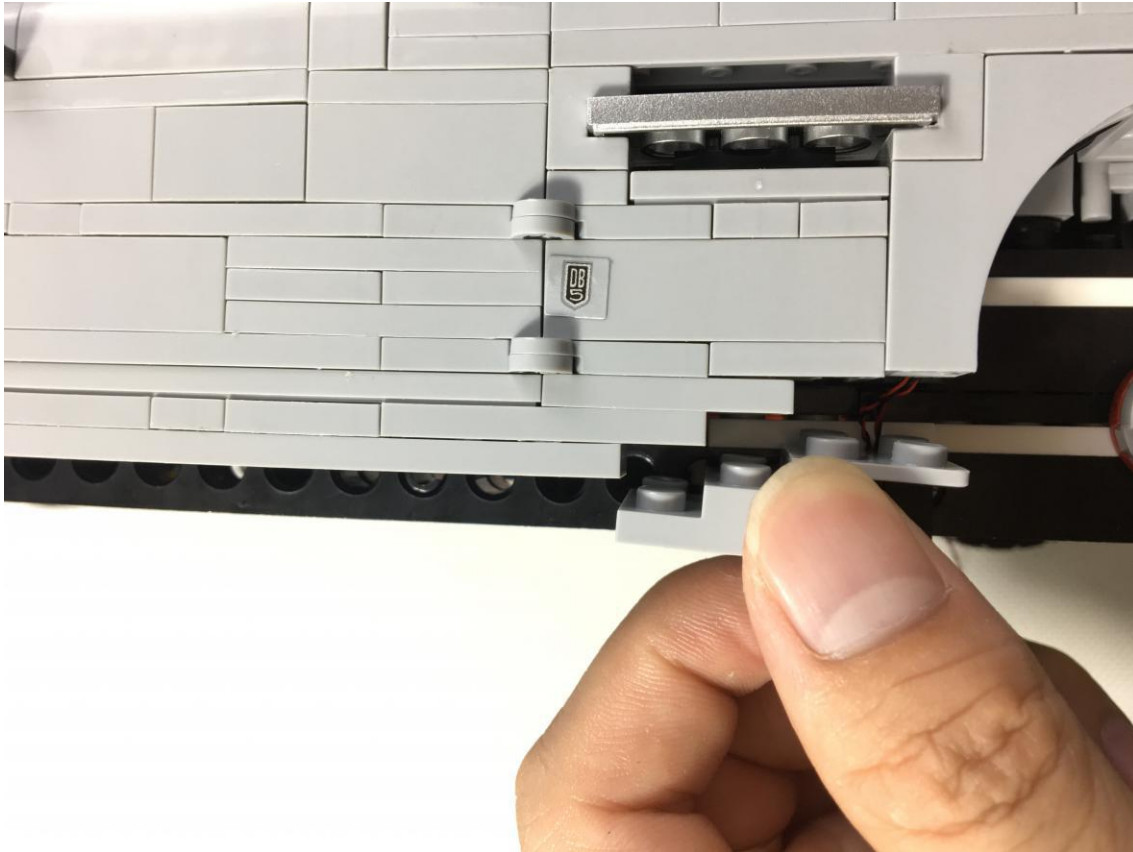


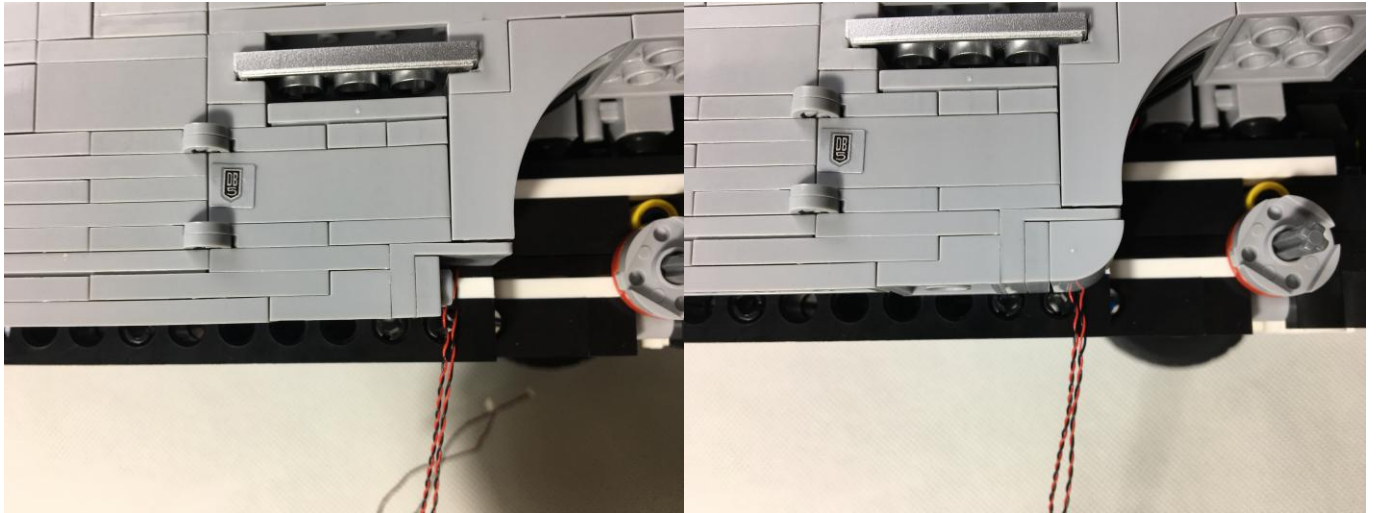
Reconnect the removed LEGO pieces, pay attention to the position of the cable, and place it on the black piece.



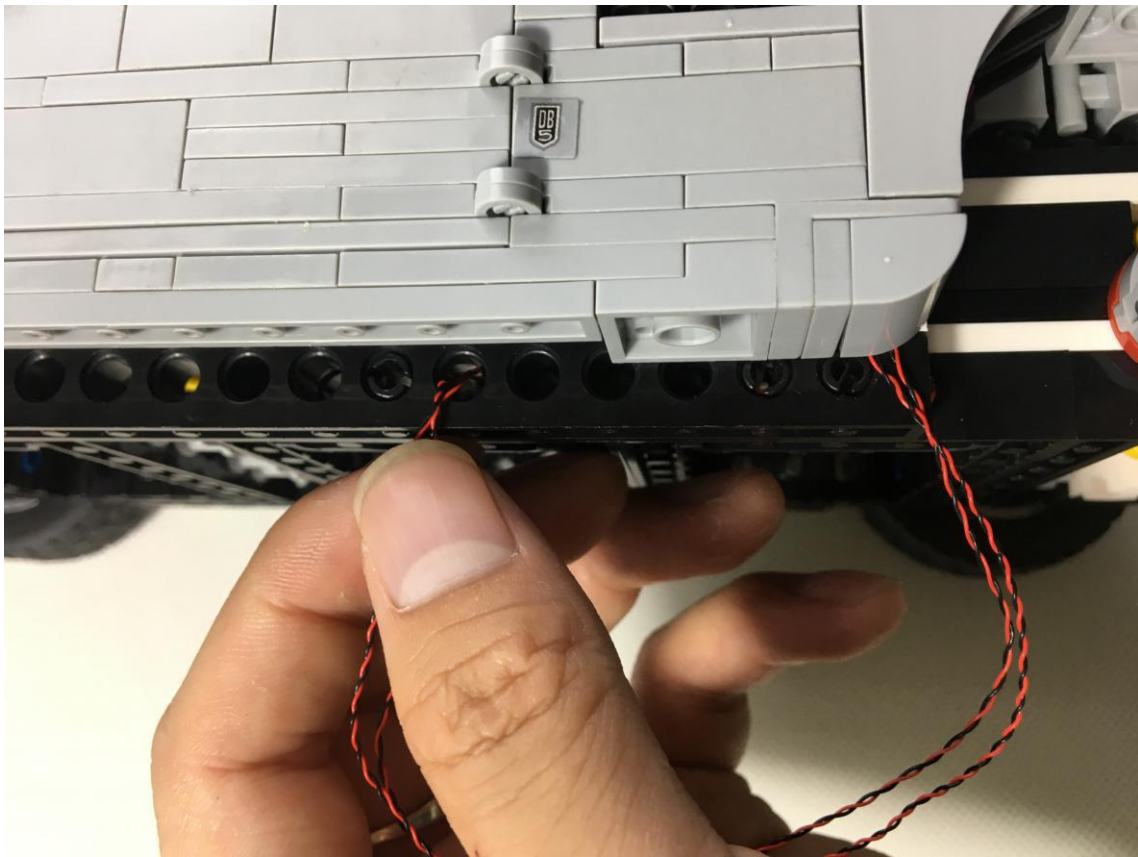


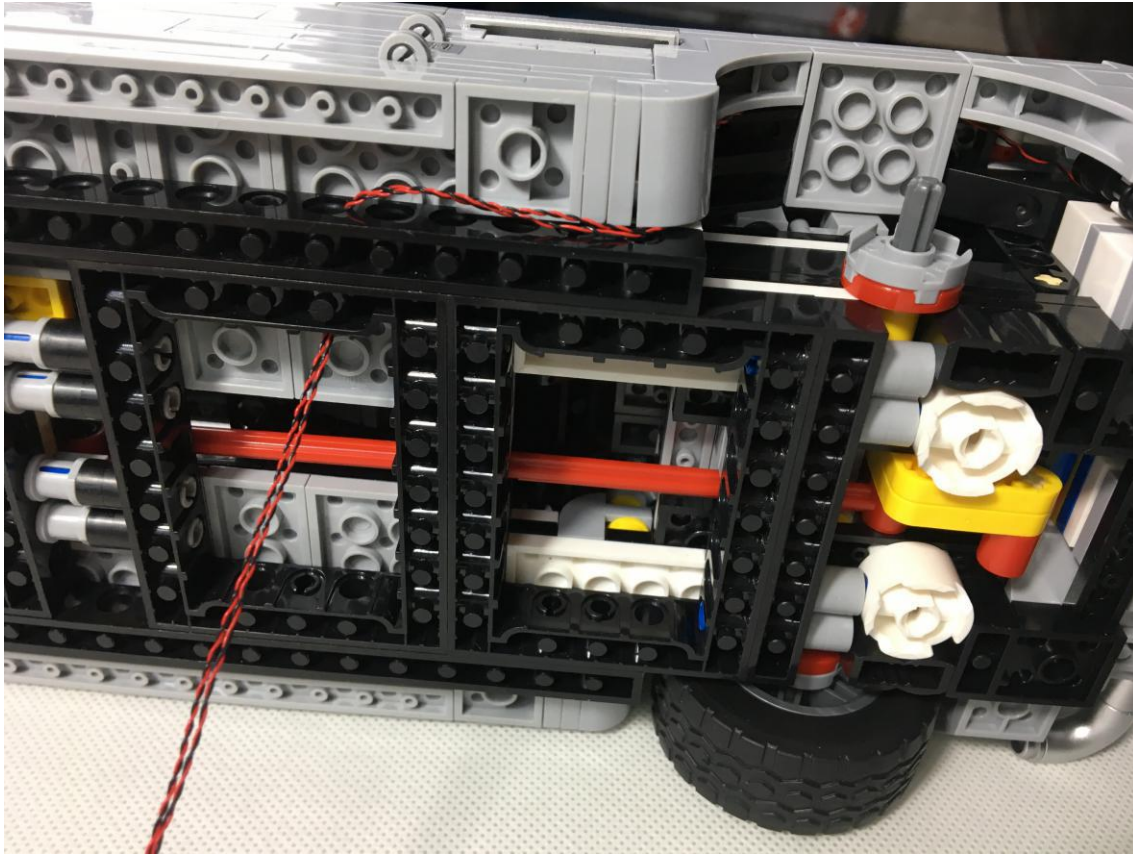
Note that the position of the cable must be between the bumps to avoid pinching off the thin cables.



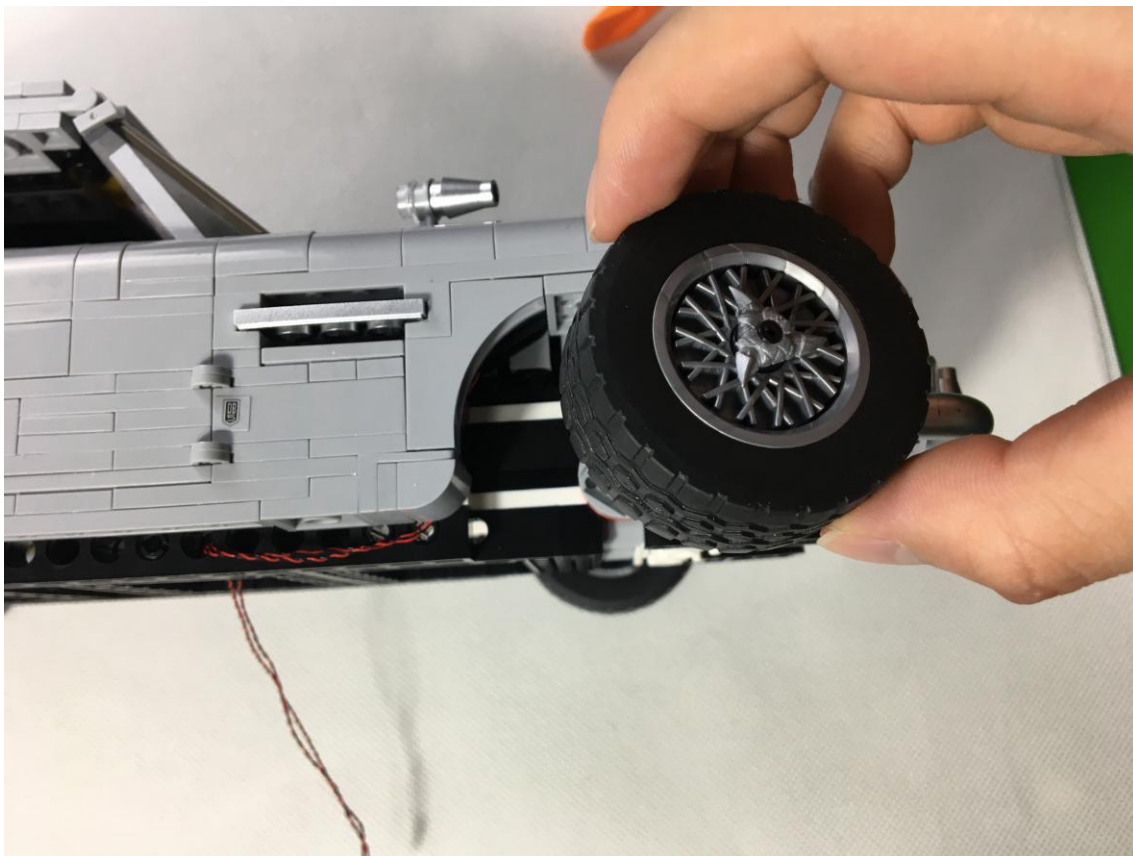


The cable passes through the hole as shown blew.

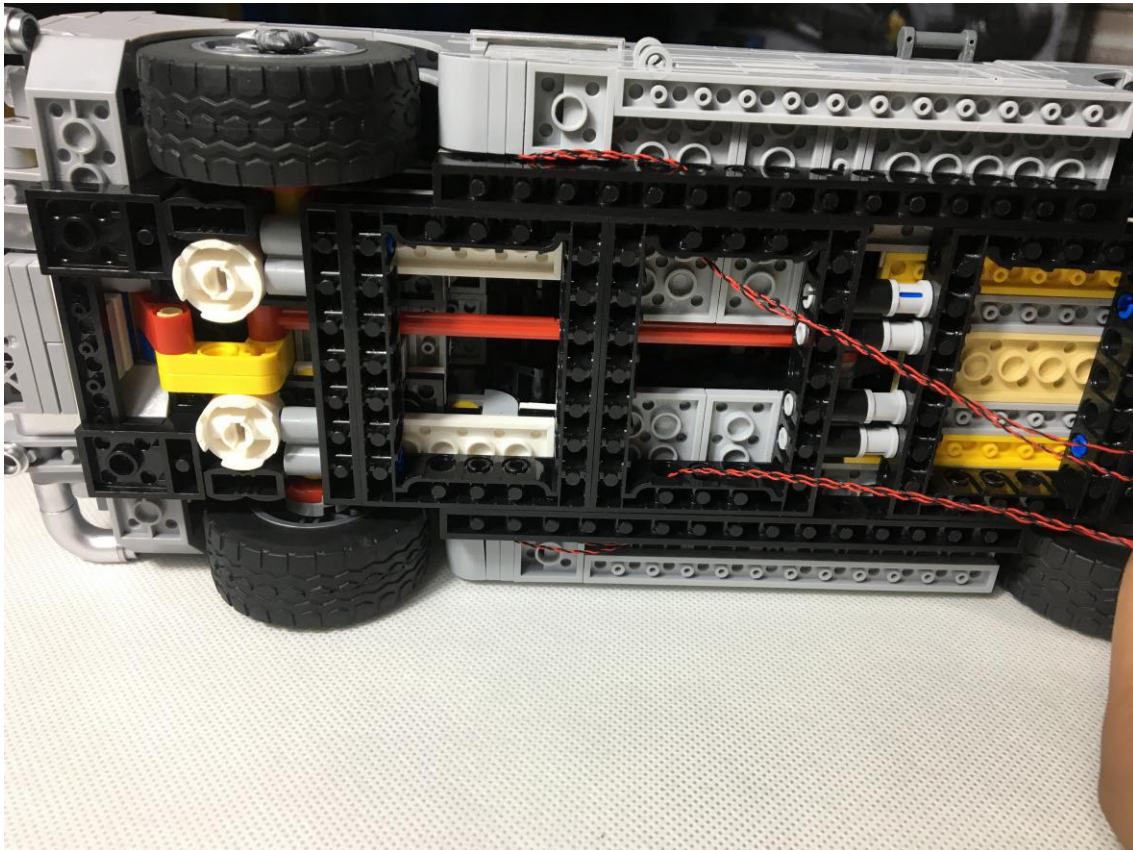




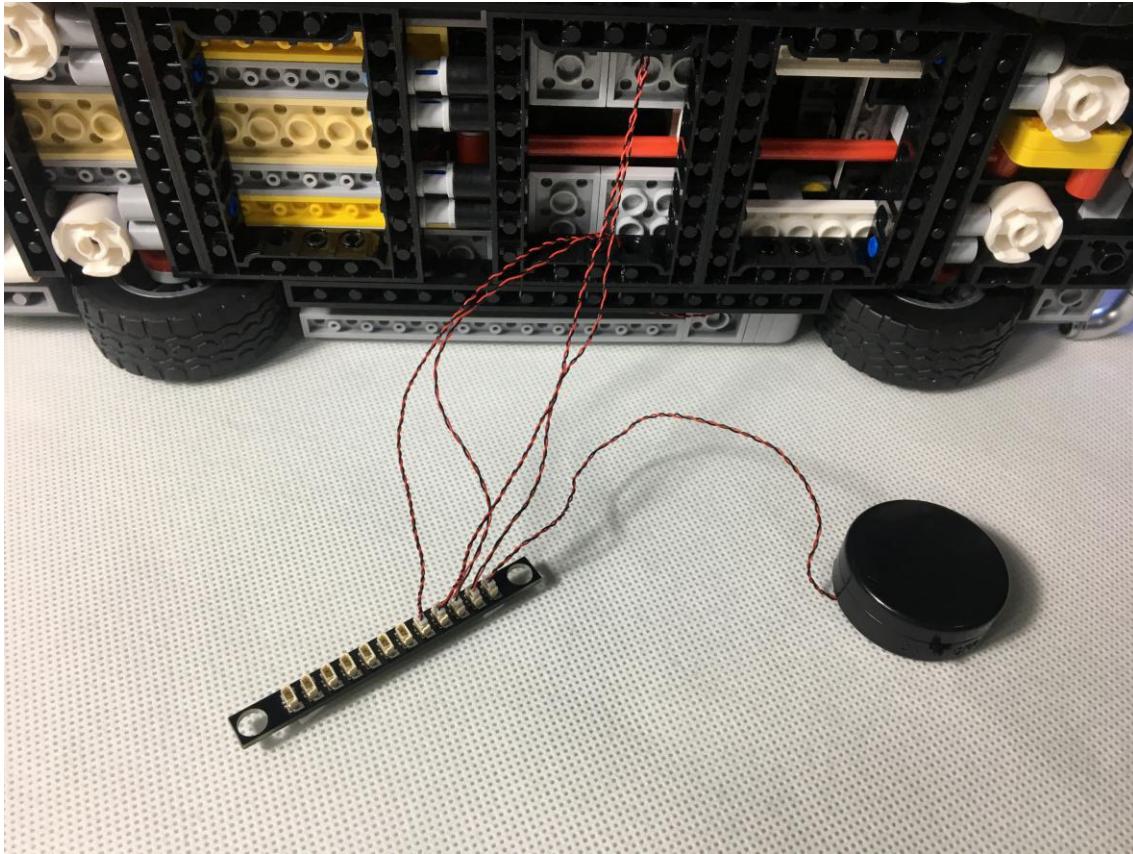
Reconnect the tire



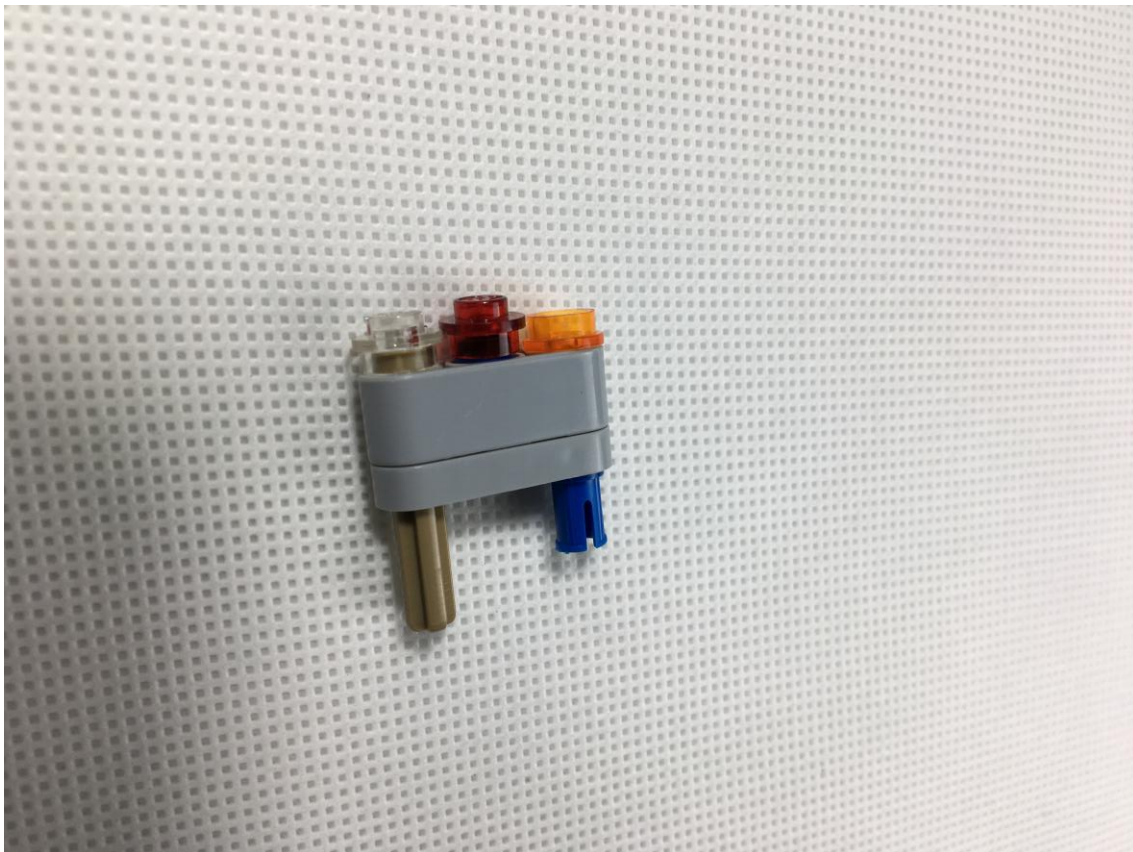
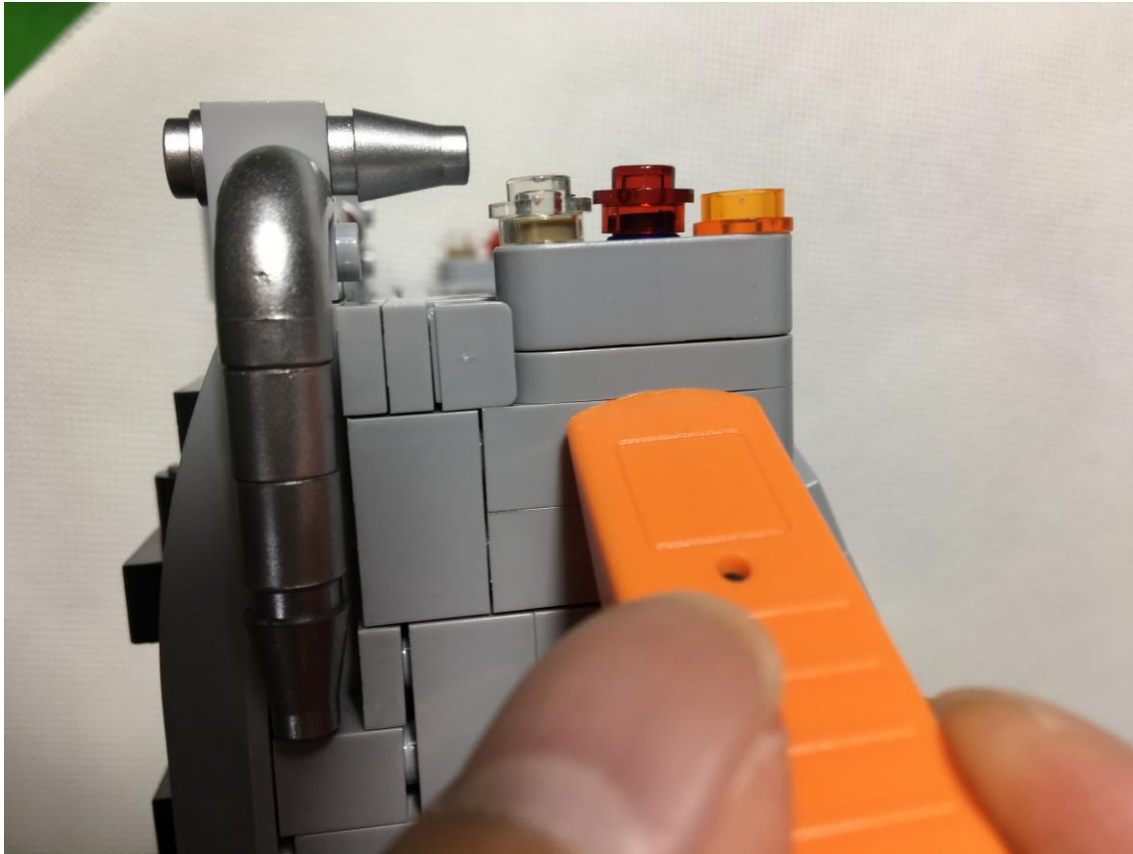
Repeat this process on the other headlight.



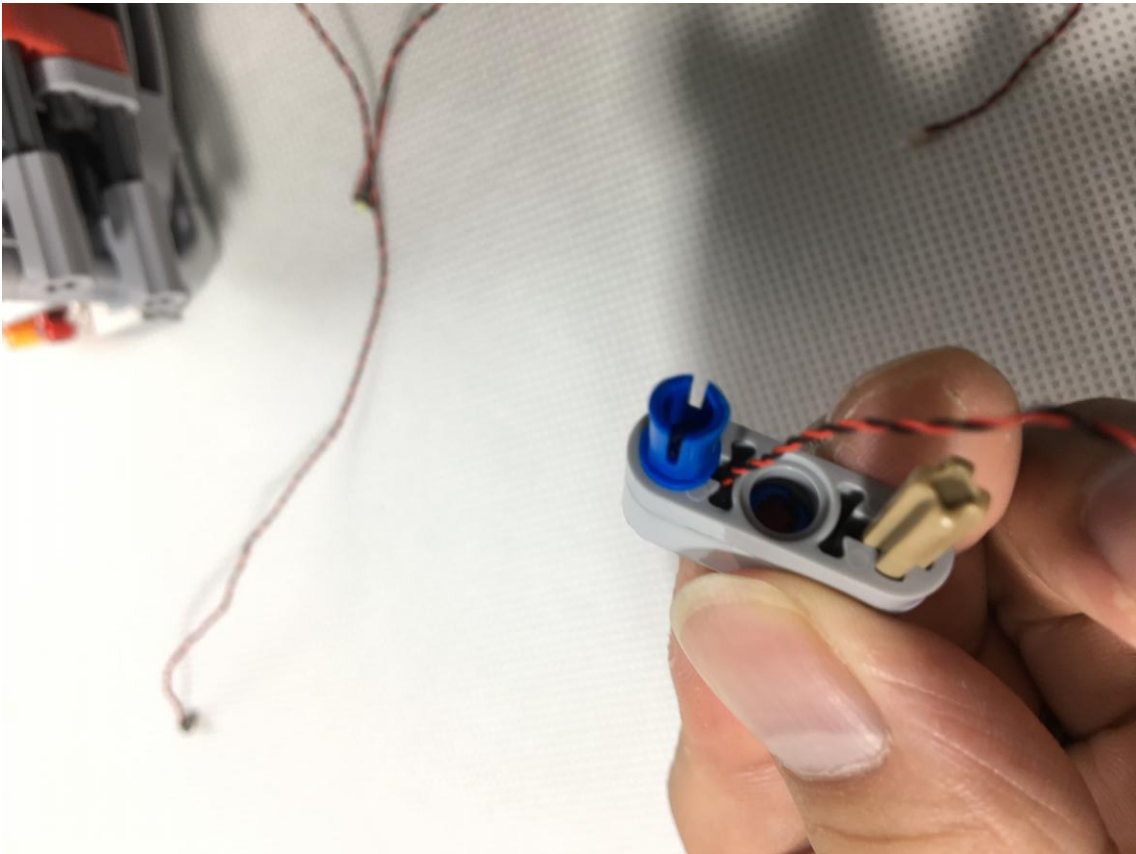
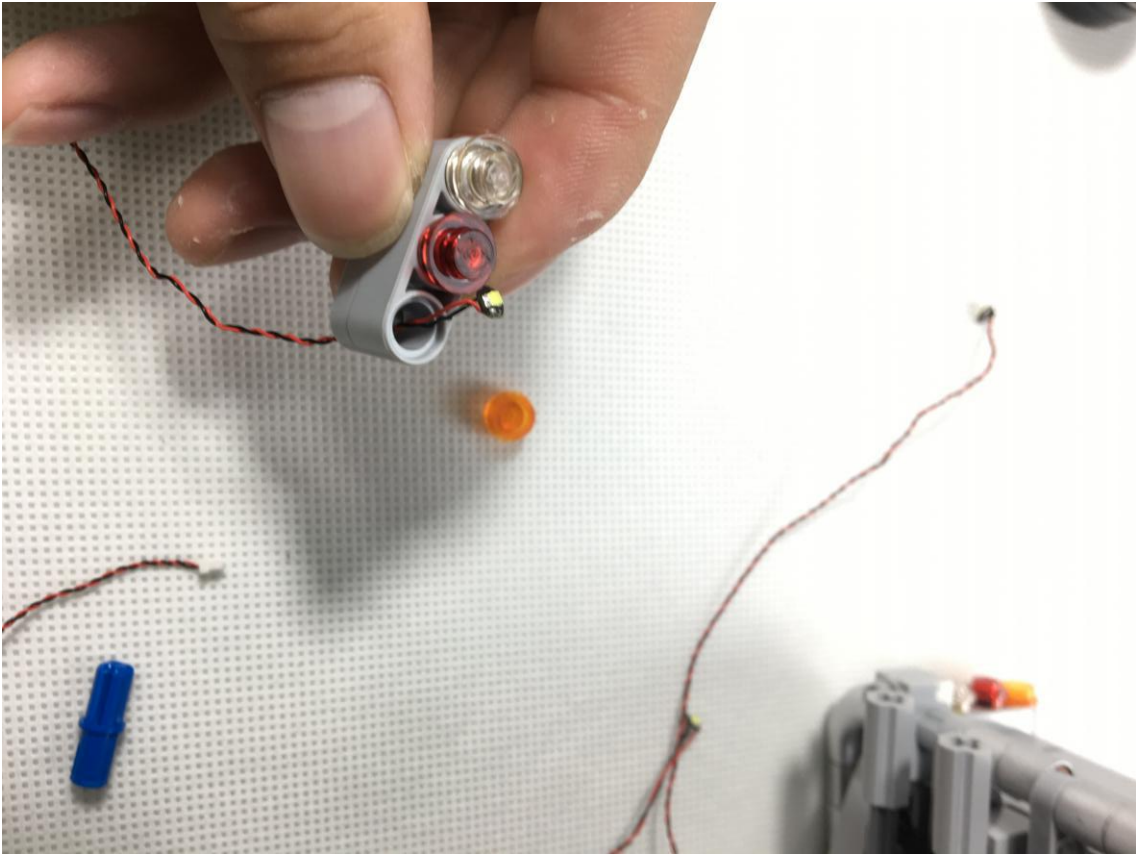
Test the effect of the headlights.

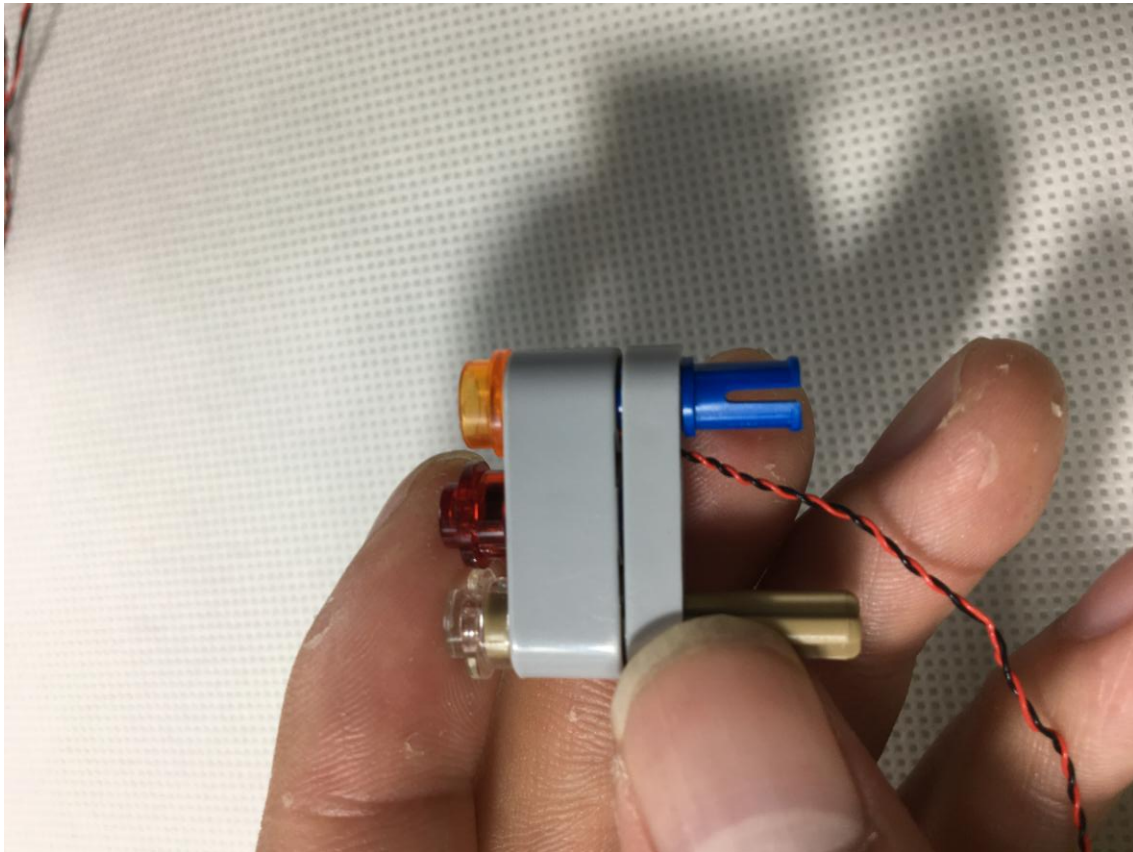
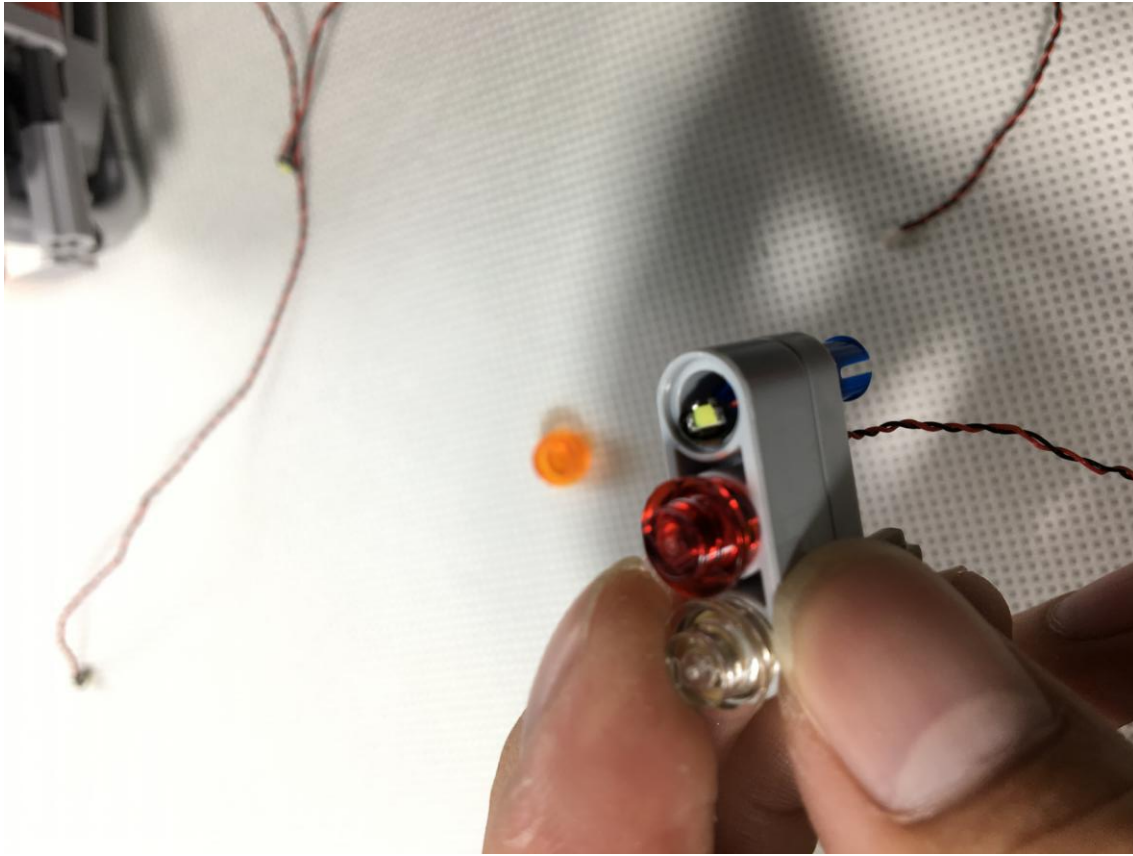


2. Install the taillights. Put the car upright on the table and remove the LEGO pieces as shown blew.

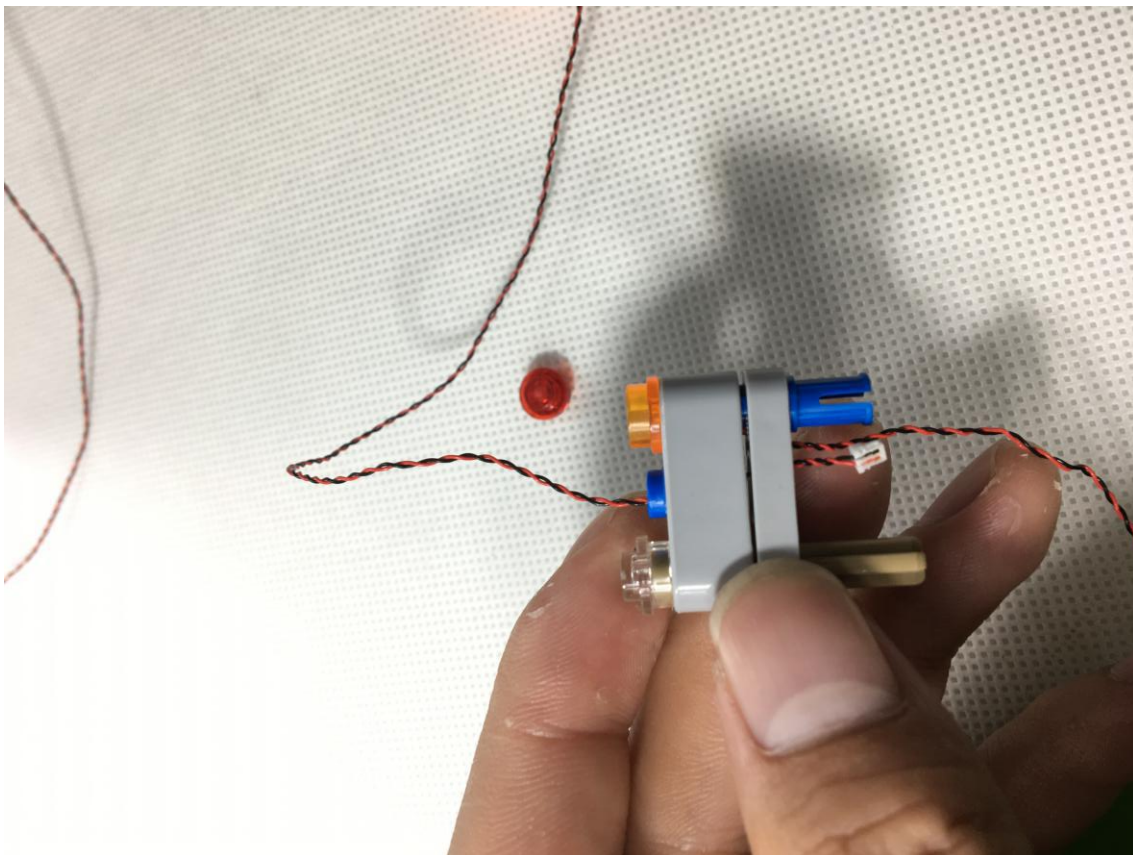


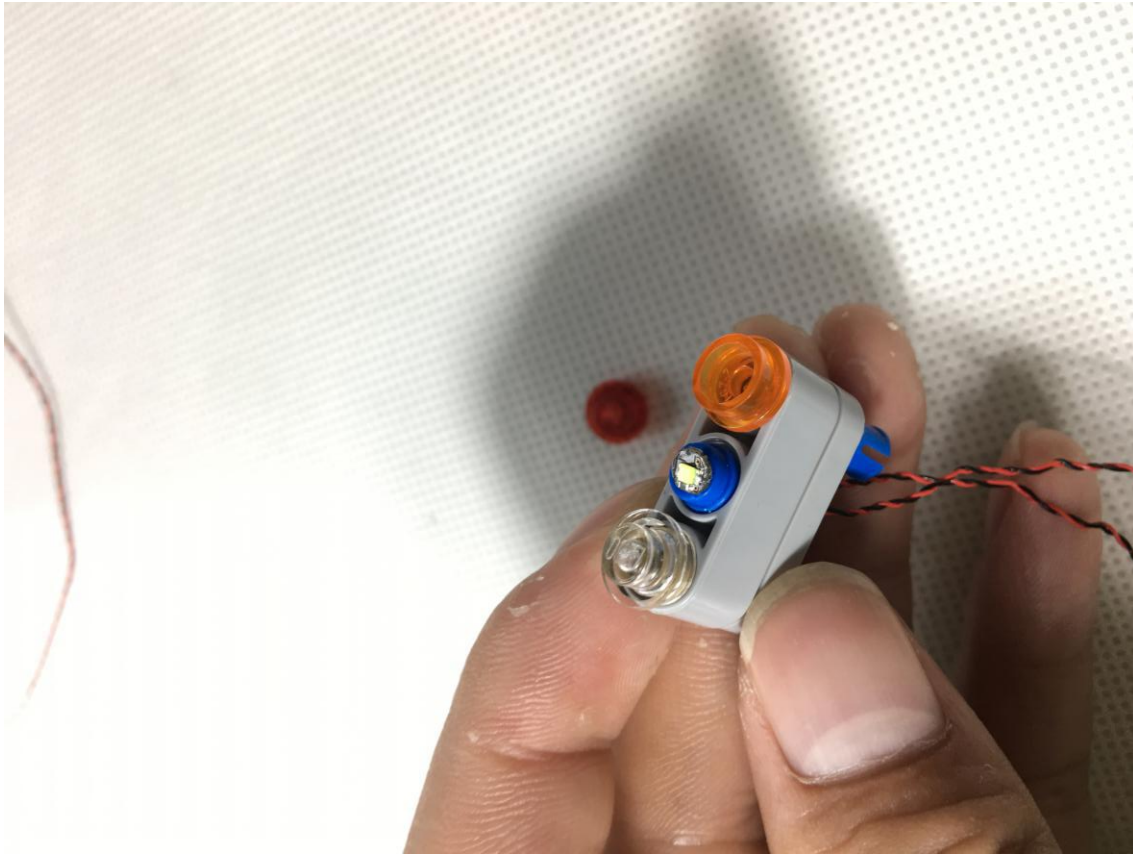
Take out three 30cm white Dot Lights and install them on the three taillights. First install the trans orange round plate. Place one end of the Dot Lights in the hole. Note that the side of the LED Dot Lights is facing outward, and the thin cable of the exit is placed next to the hole.



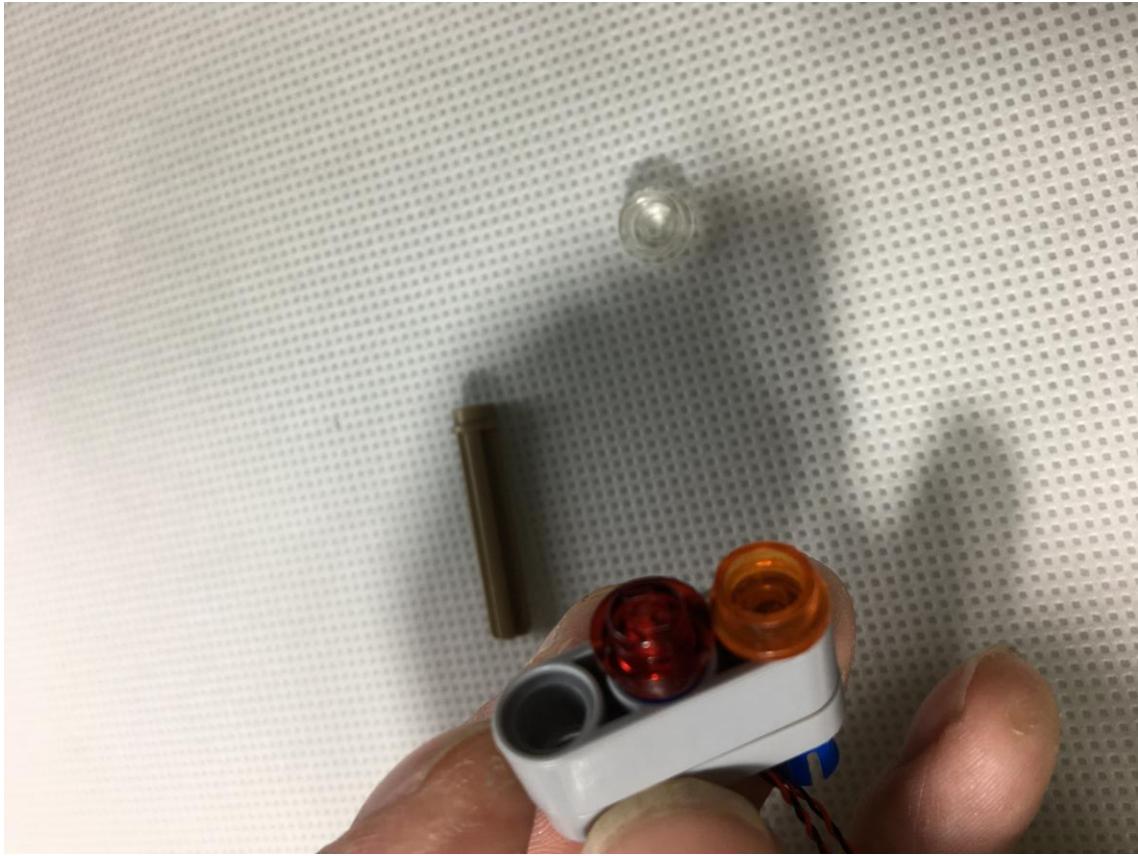


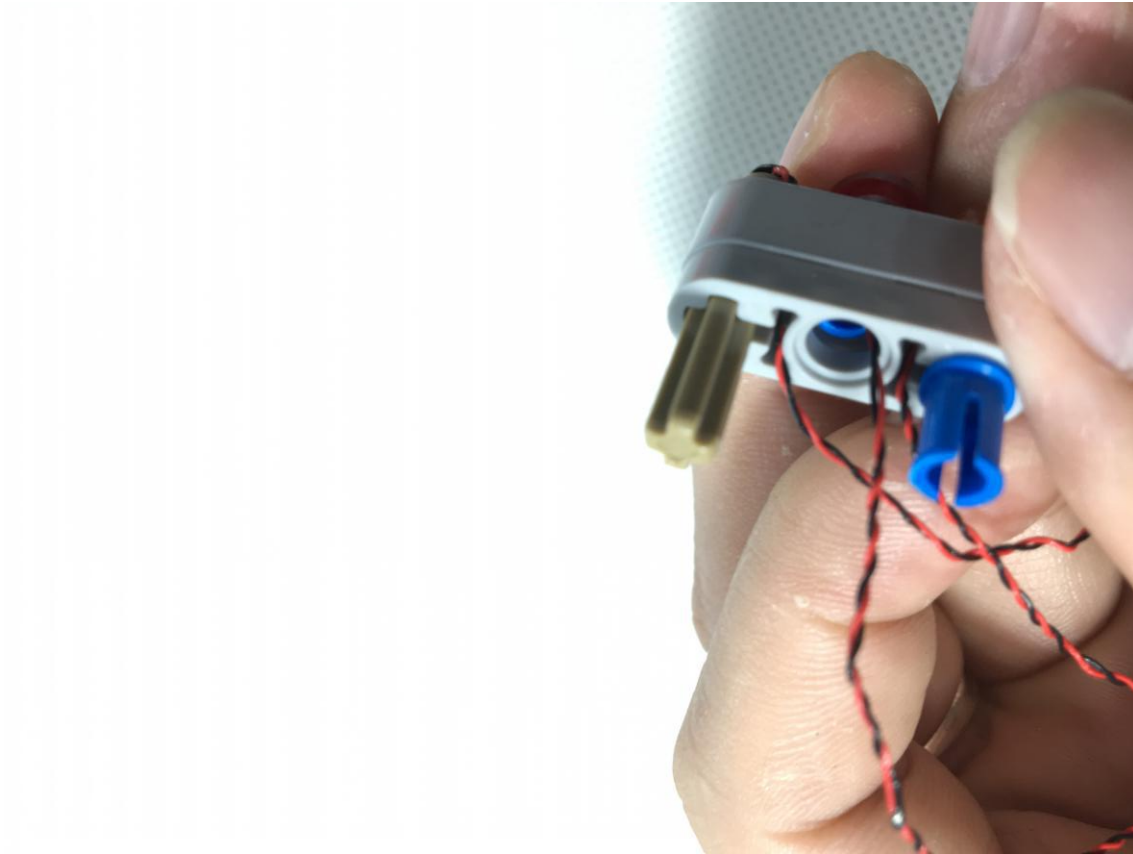
Install the red taillight. Remove the red piece, one end of the Dot Light passes through the hole, pulls it to the end then reconnect the red piece



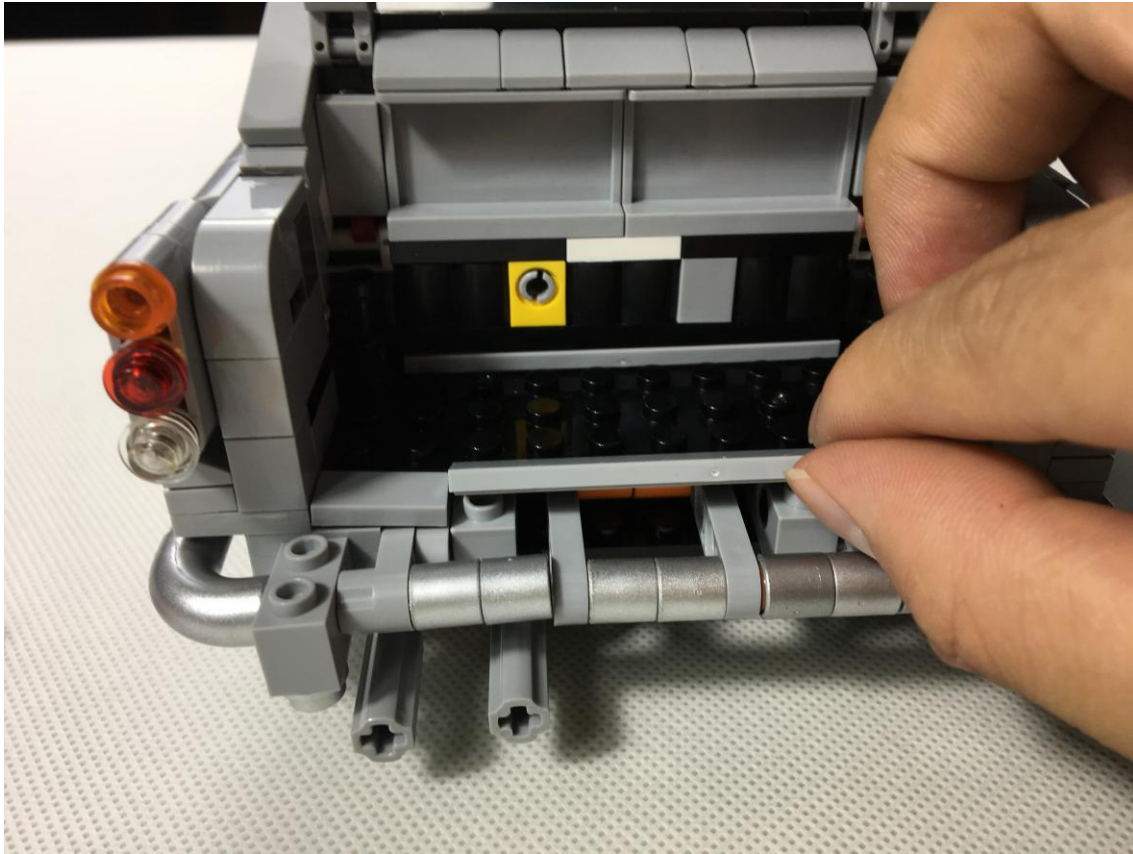


Install white taillight. Remove the LEGO pieces as shown blew, pay attention to the gap of the cable entrance in the "+piece", and the exit of the cable should be next to the "-" hole

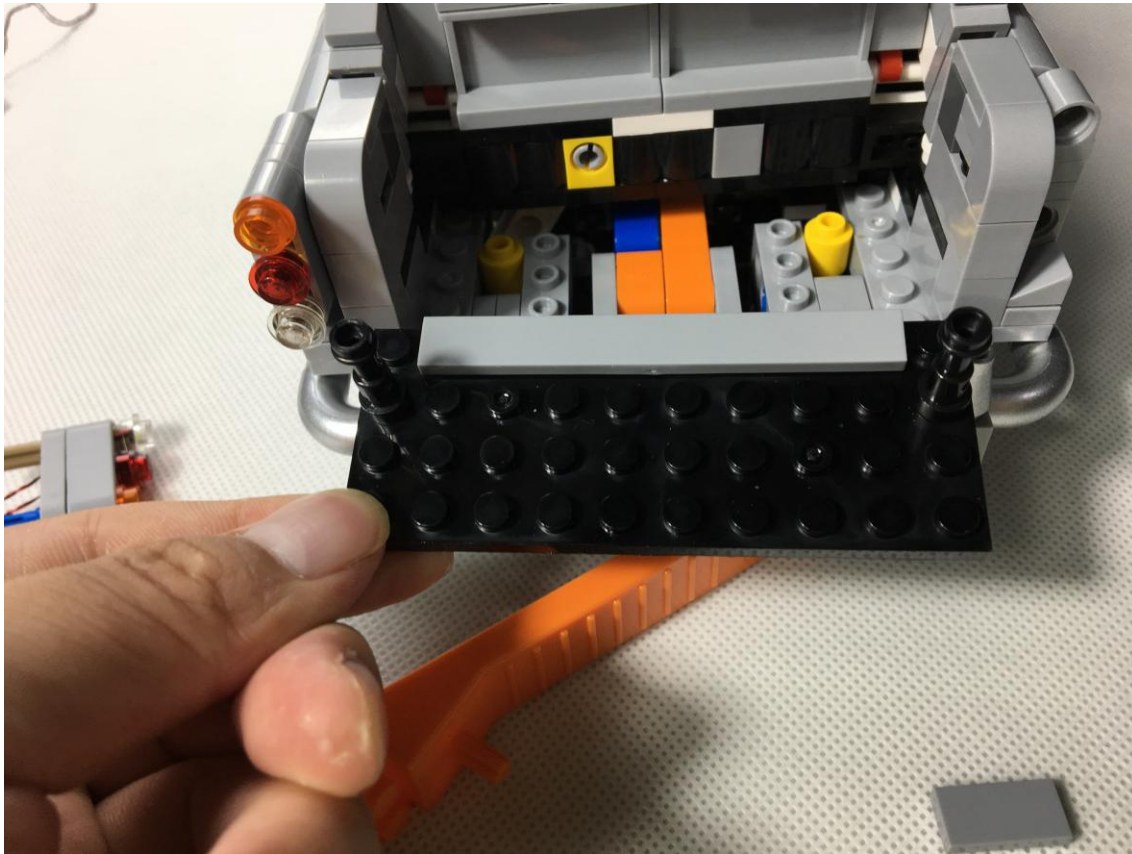




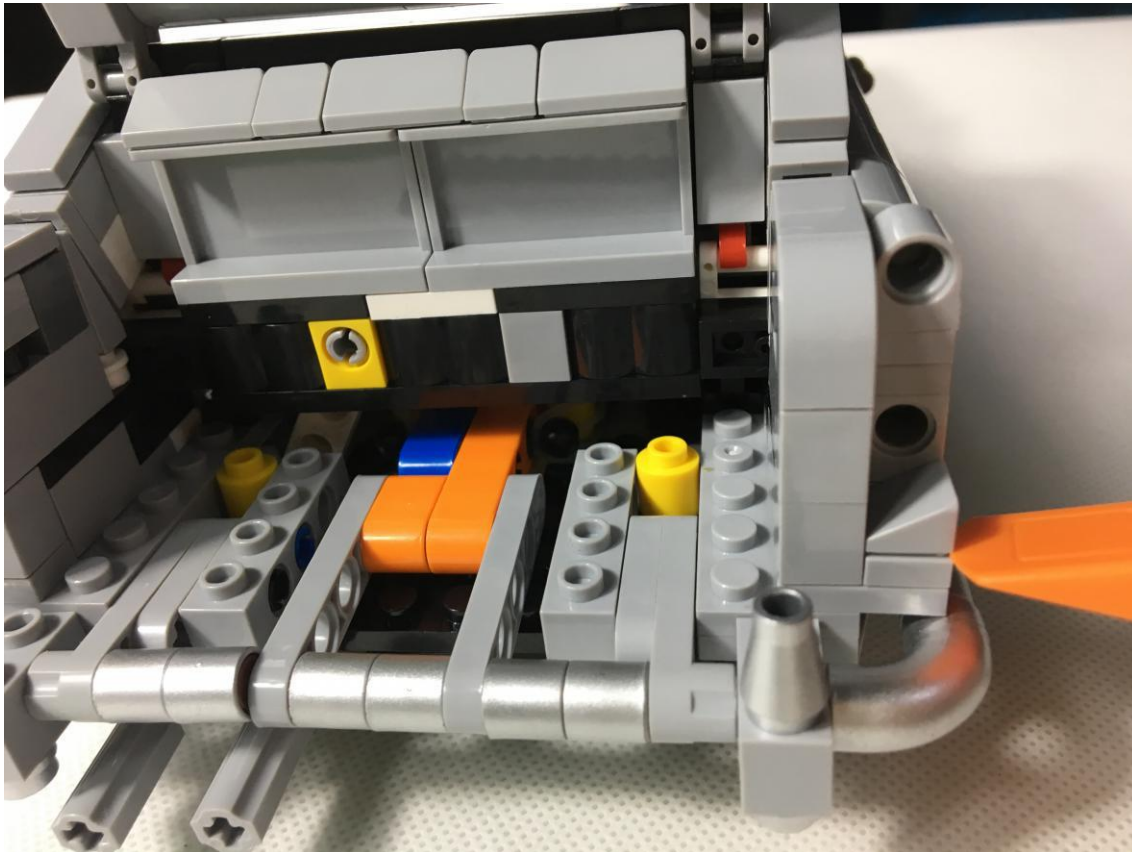
Remove the LEGO pieces as shown

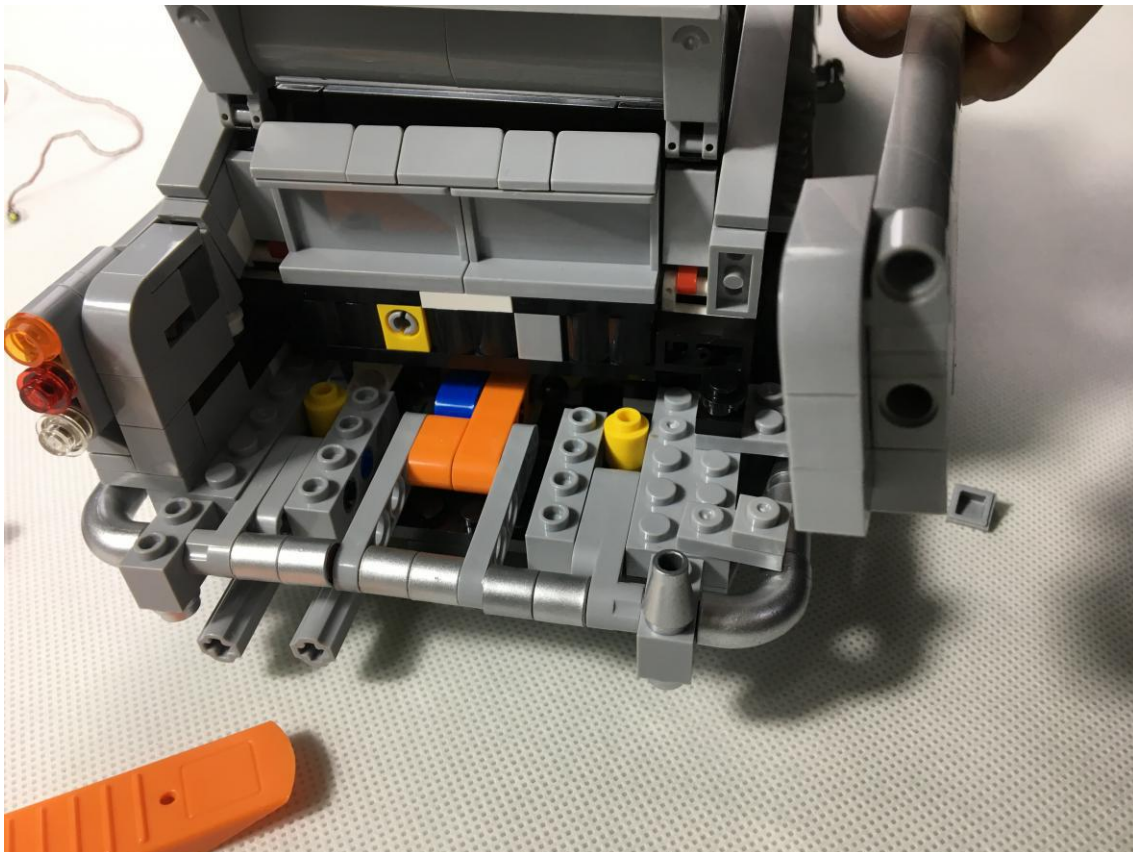


Remove 4X10 piece

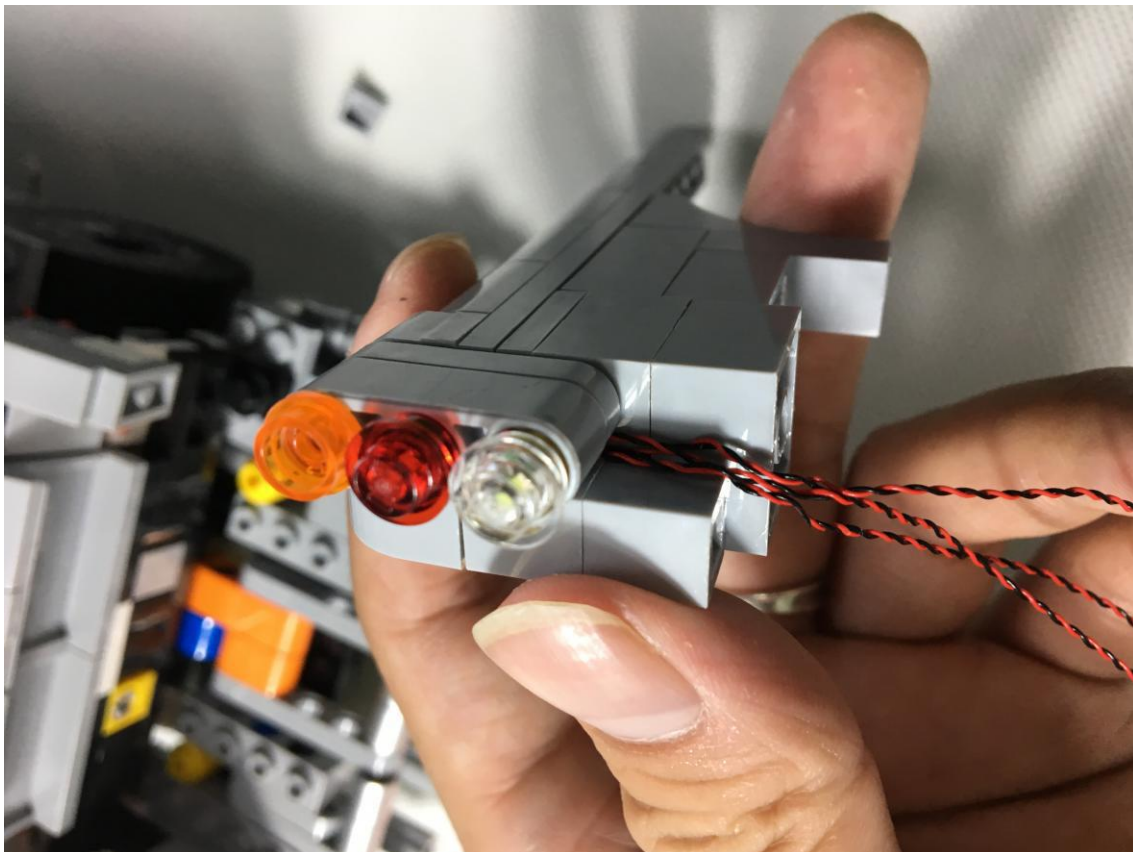
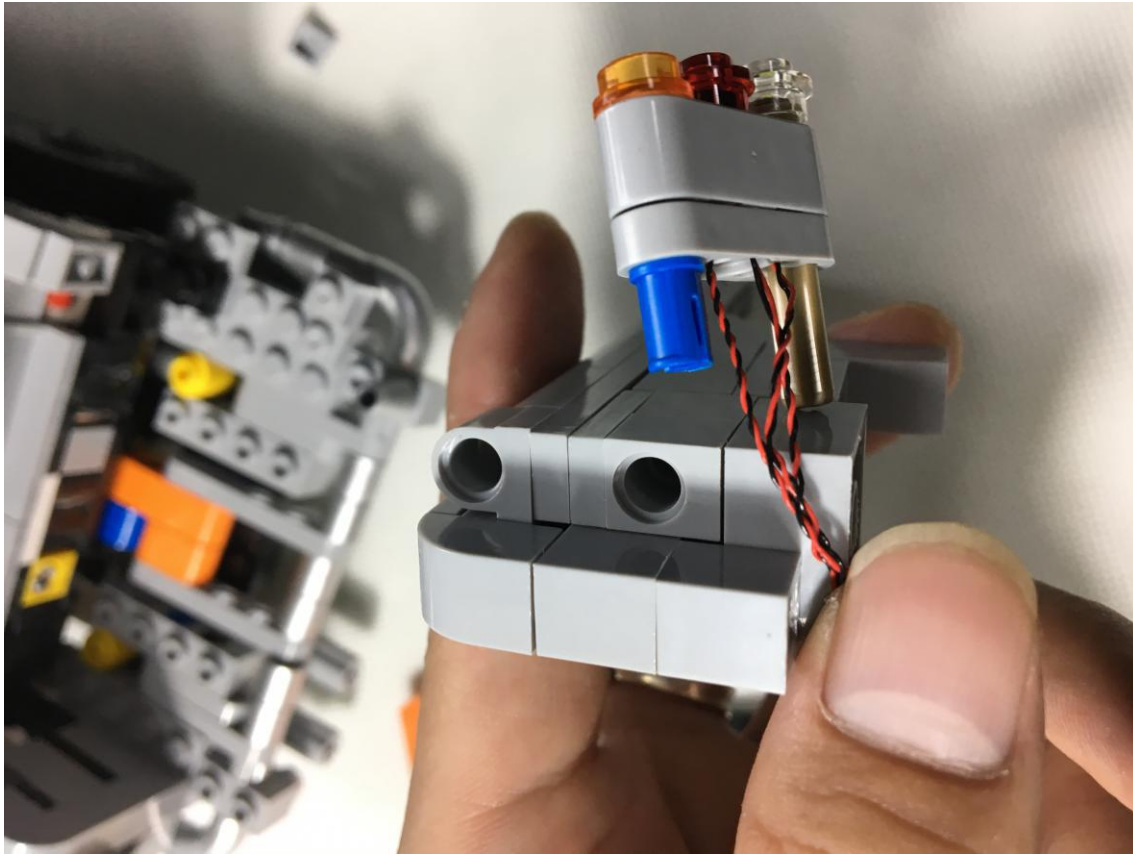


Remove the LEGO pieces as shown blew

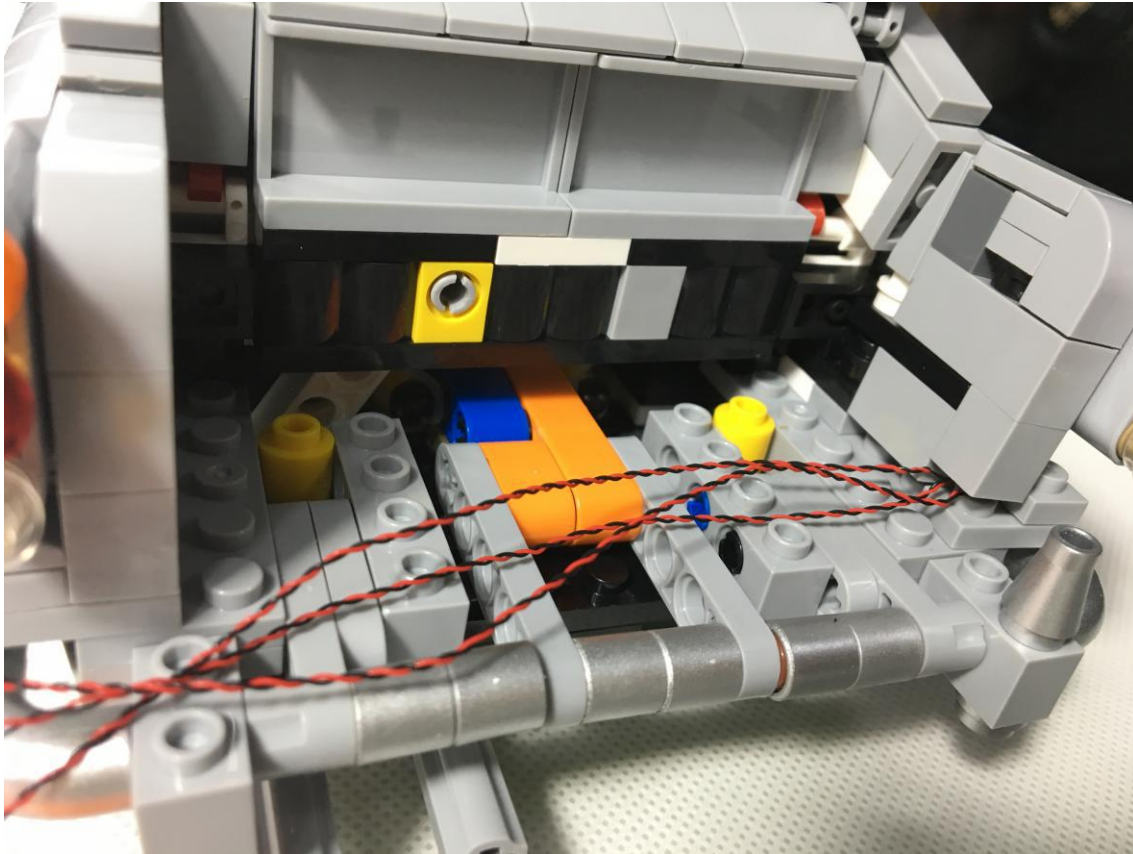




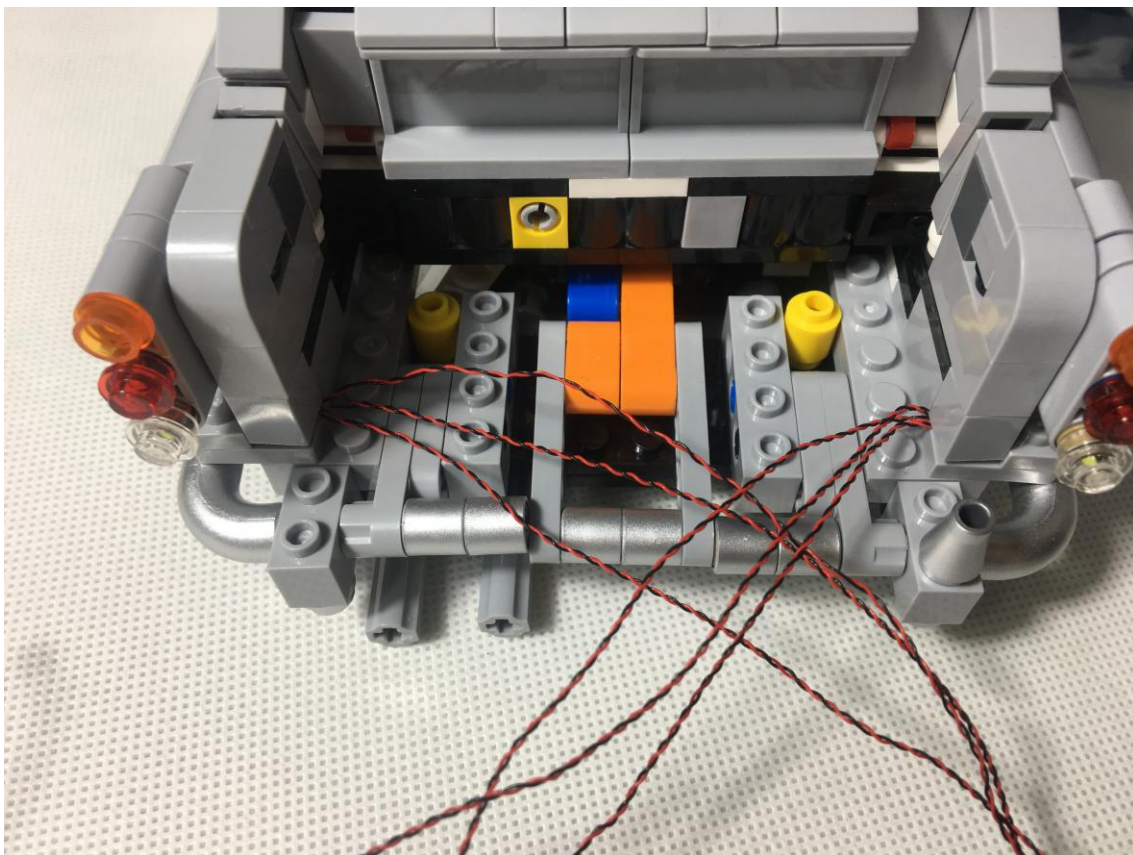
Install the taillight, pay attention to the cables location



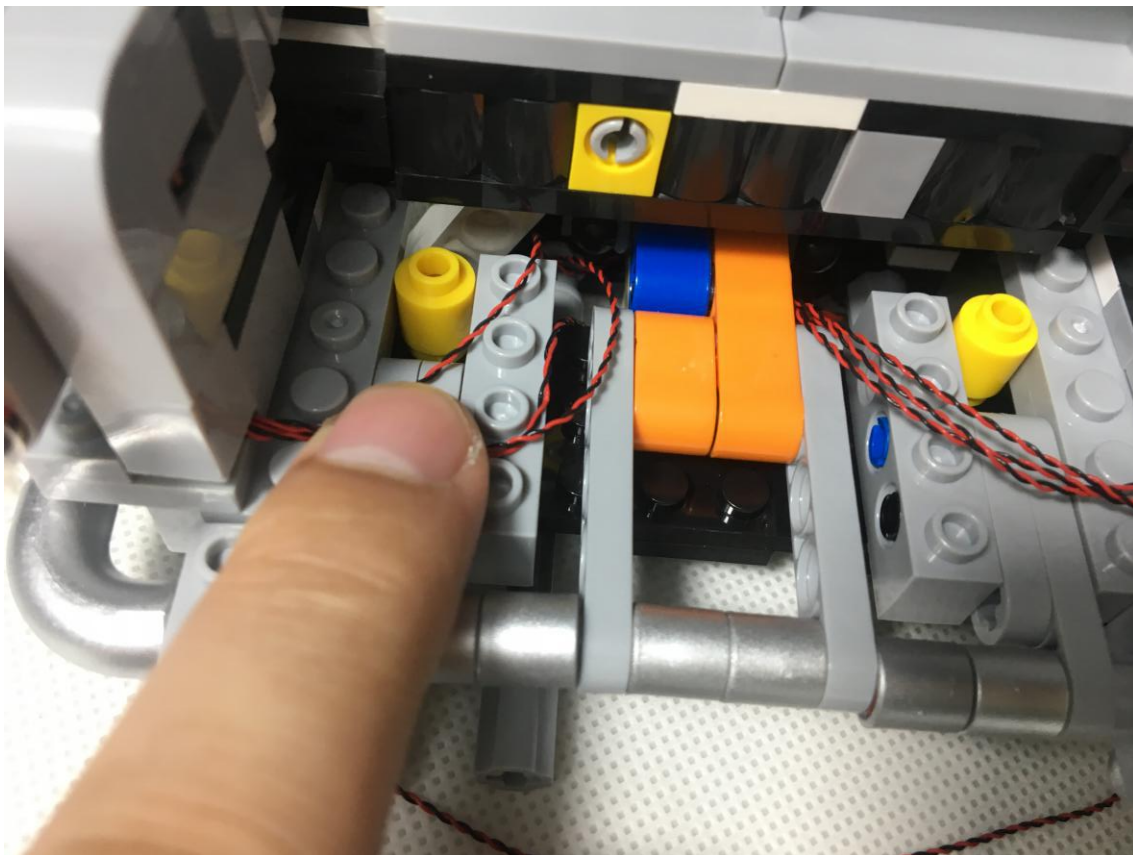
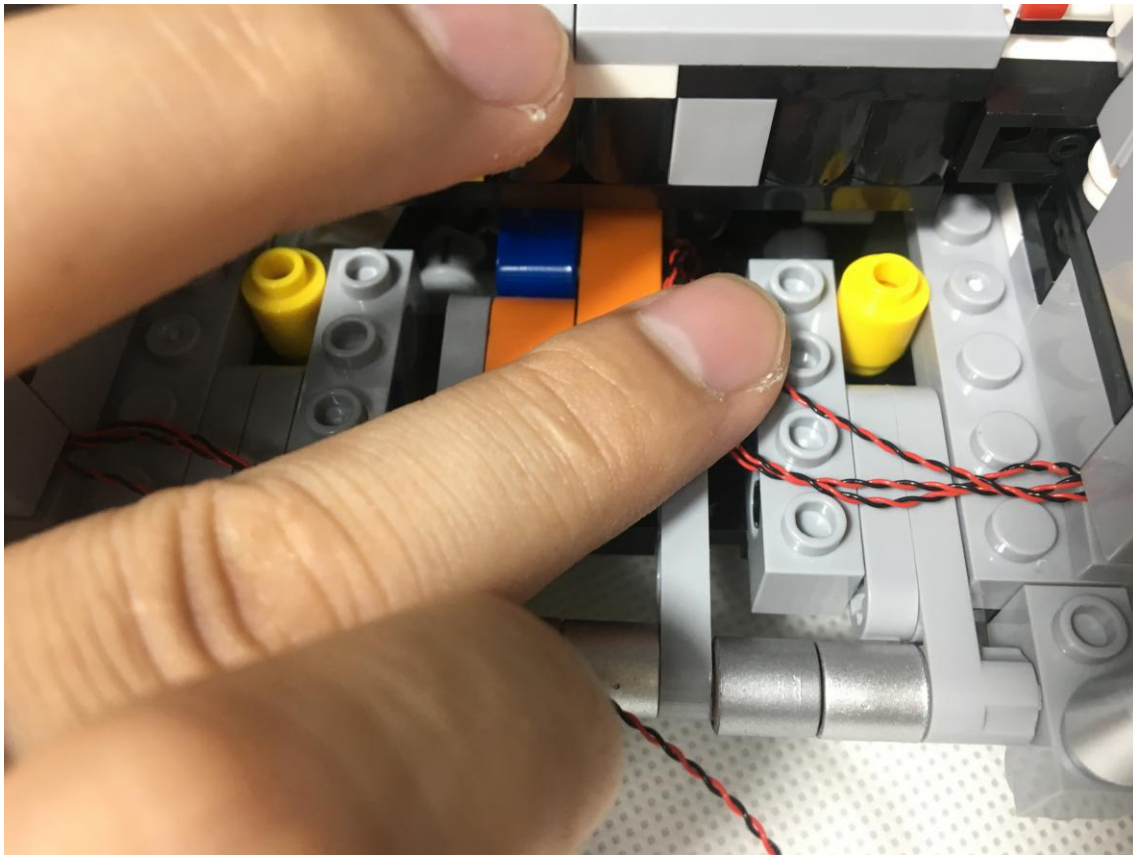
Reconnect the LEGO pieces that were removed. Note that the thin cables should be placed between the bumps to avoid pinching off them.



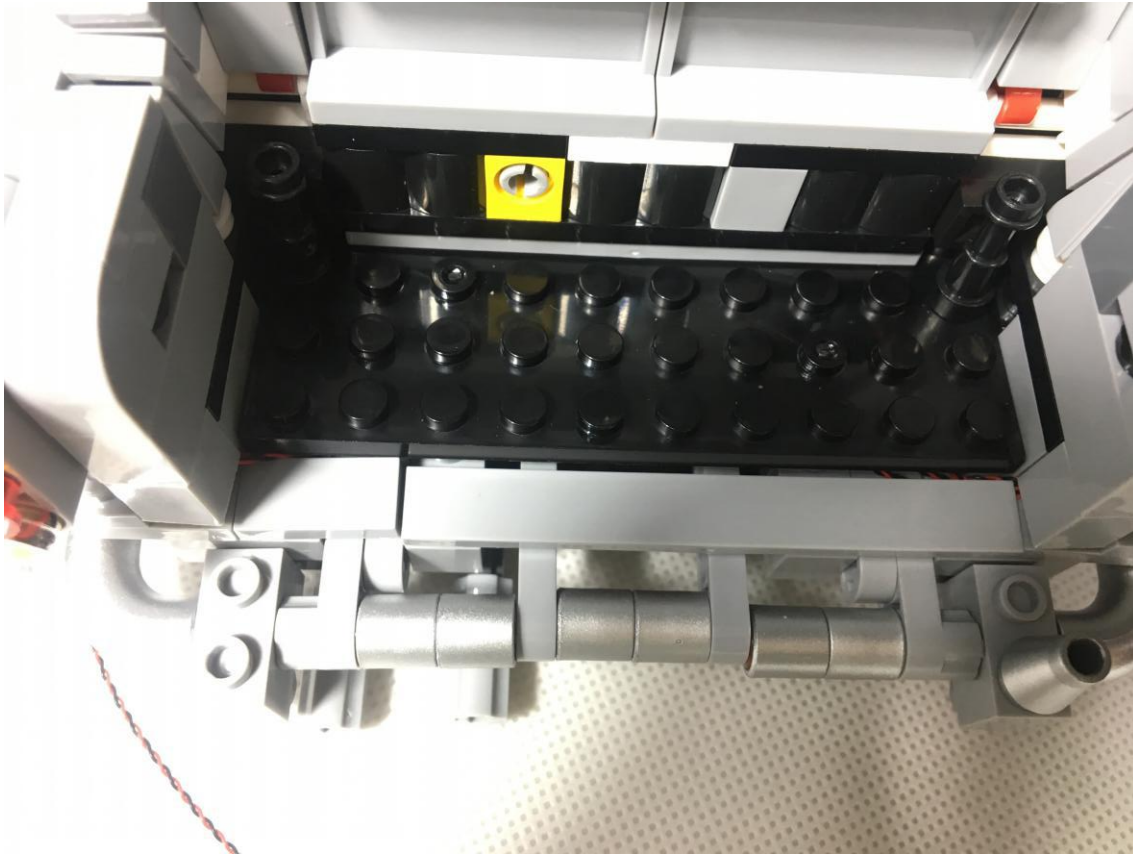
Repeat the above operation on the other taillight



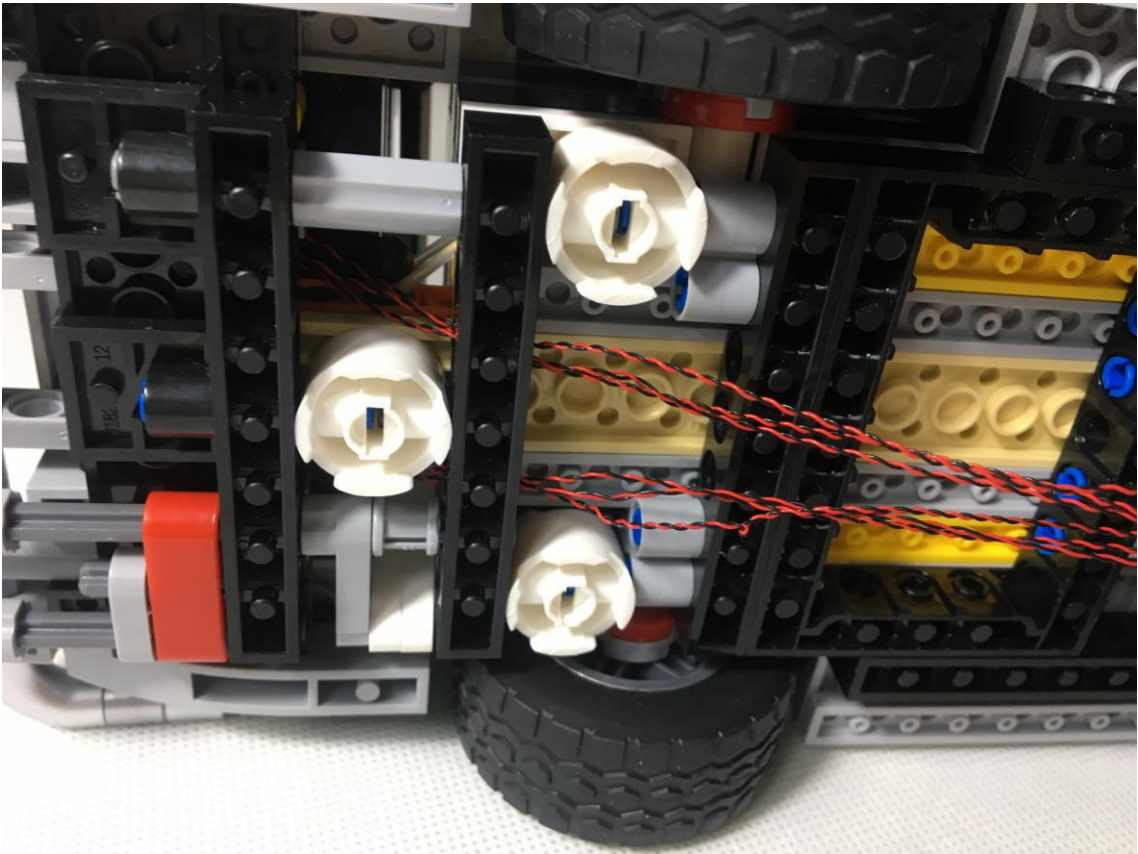
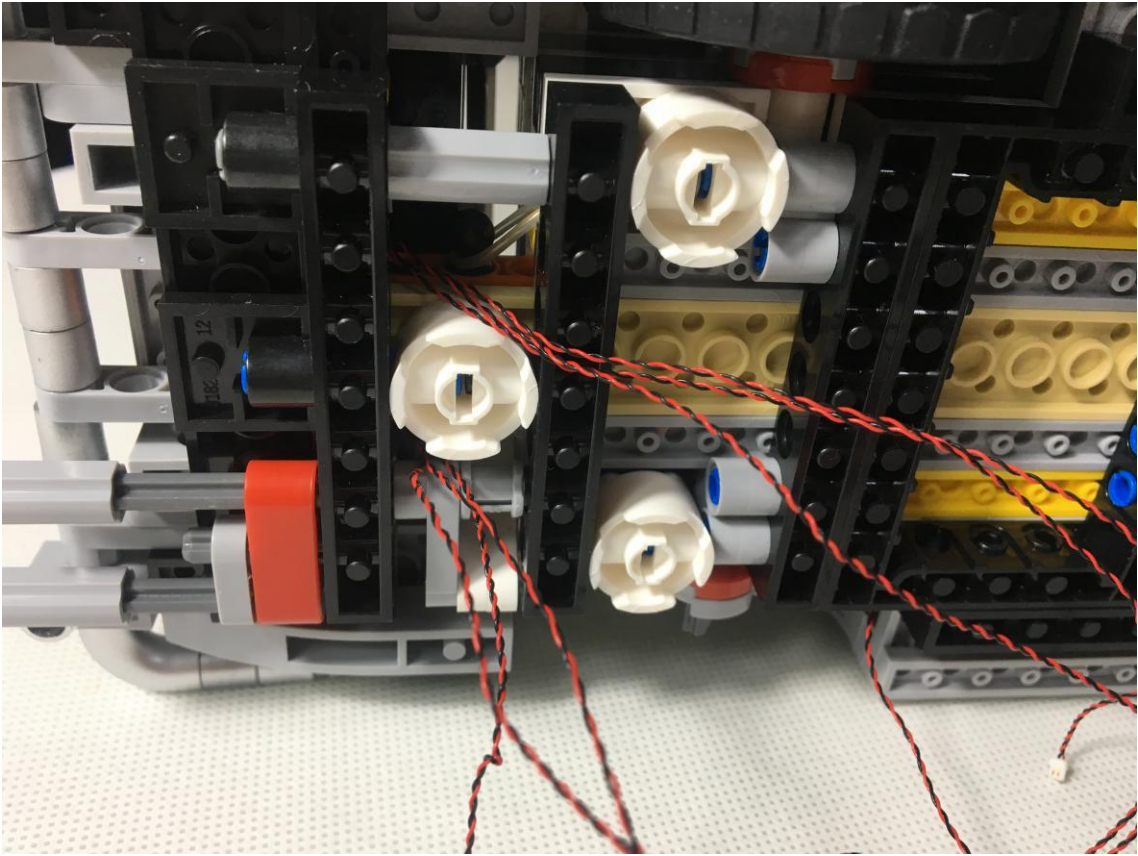
Twist the cable with each other and become a big strand of cable and then threads into the place shown below. Note that the cable should be placed between the bumps.

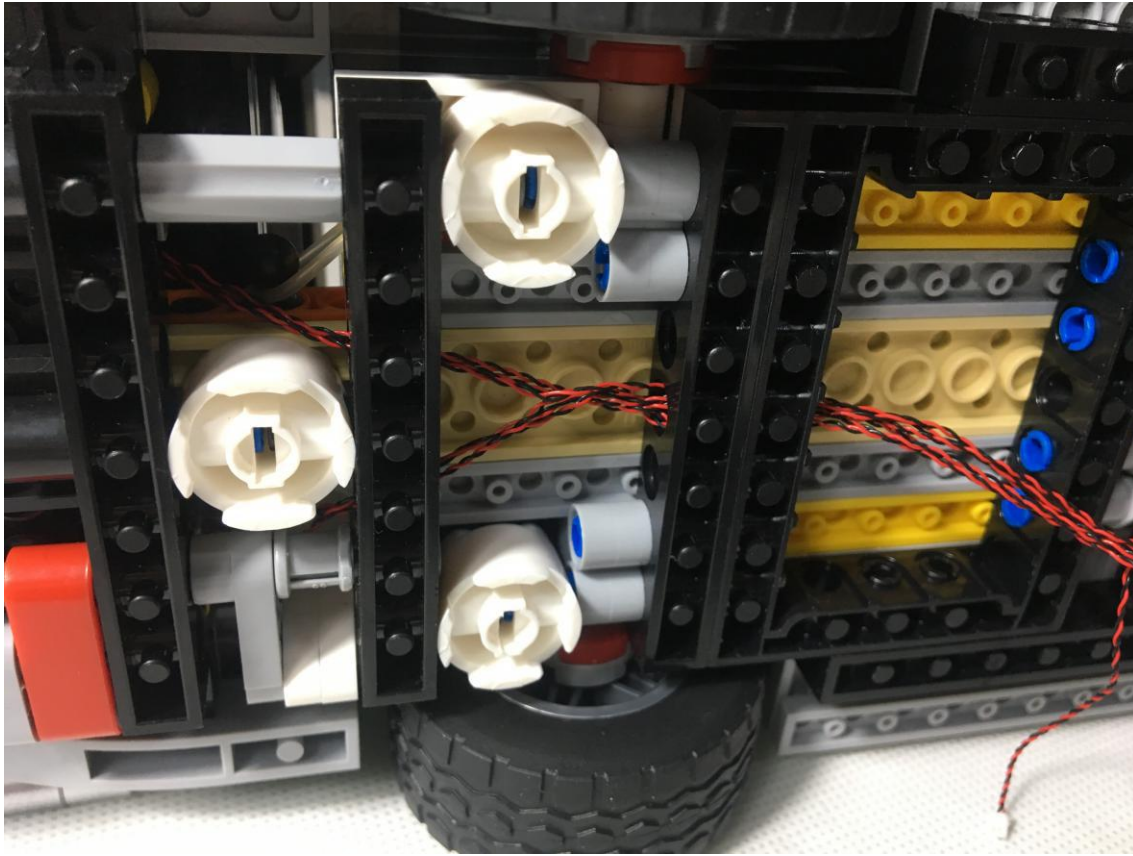


Reconnect 4X10 LEGO piece

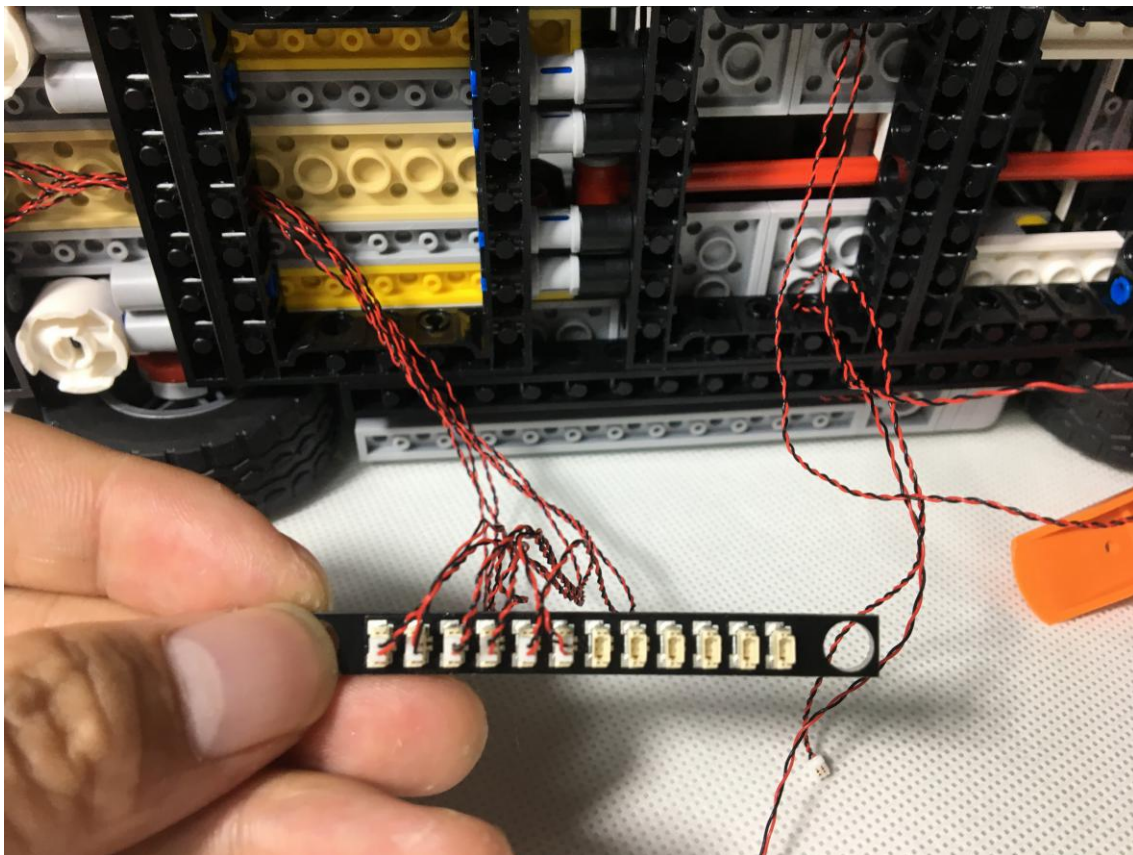


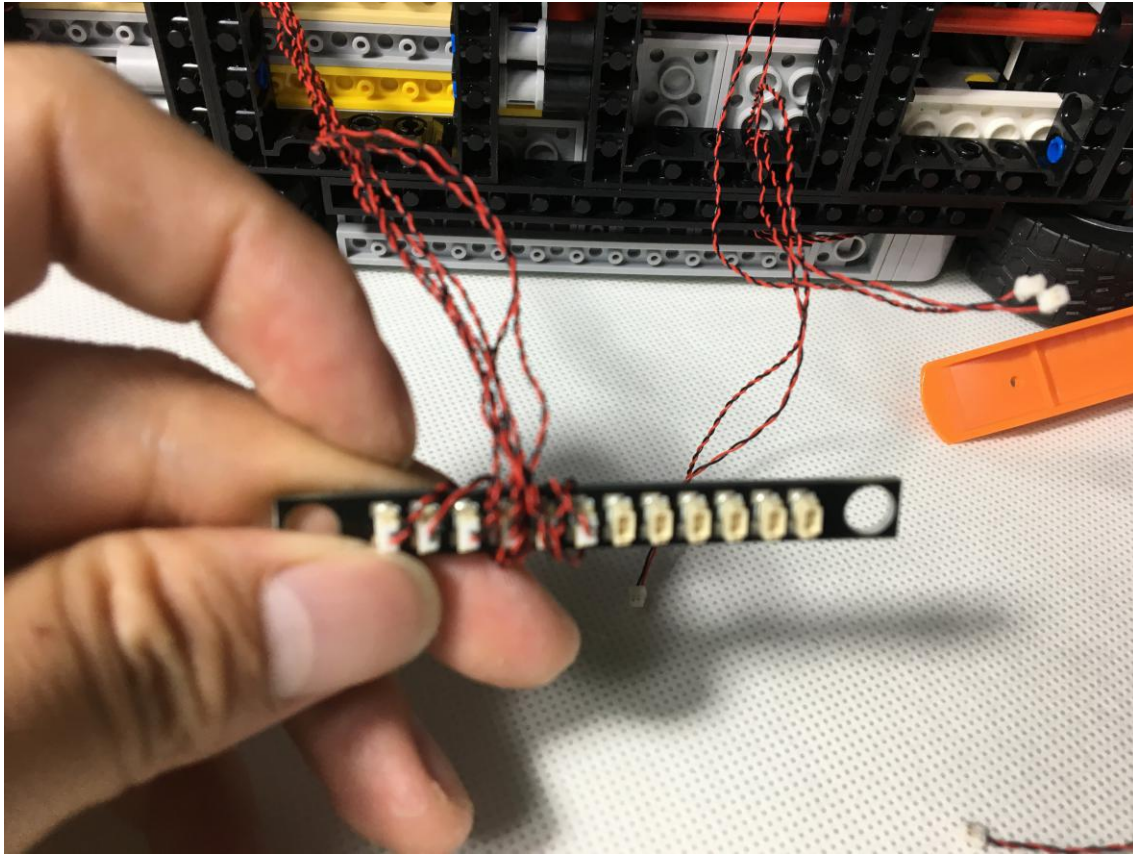
The place to pass through as shown blew



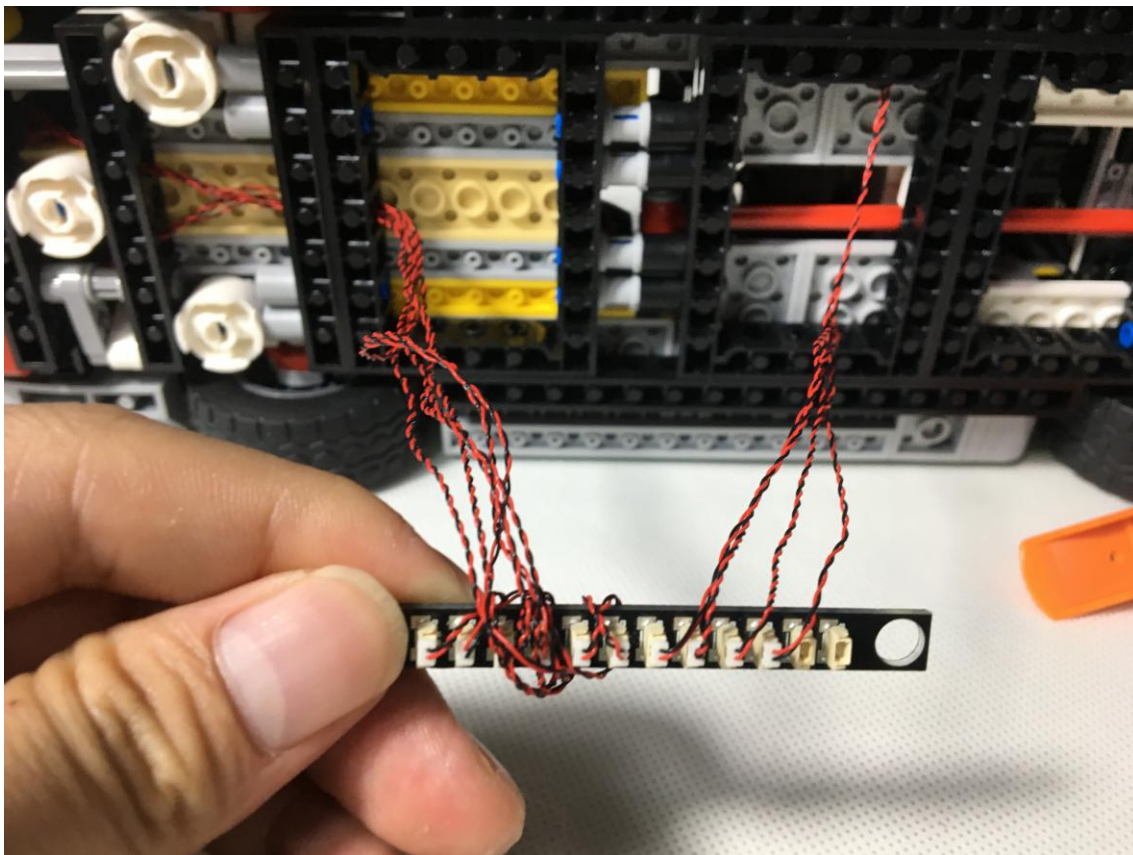


Connect the 12-Port Expansion Boards. The taillight cable is slightly longer than the headlight cable so circle the socket first.

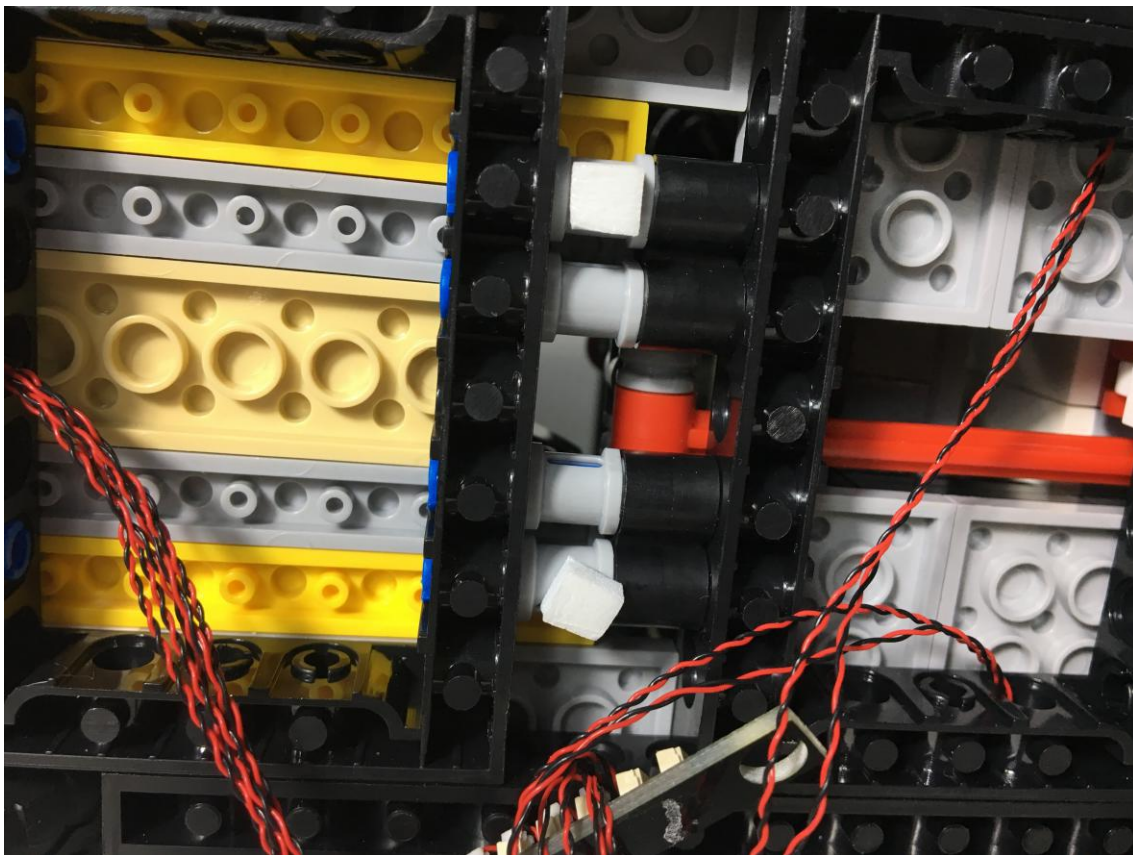




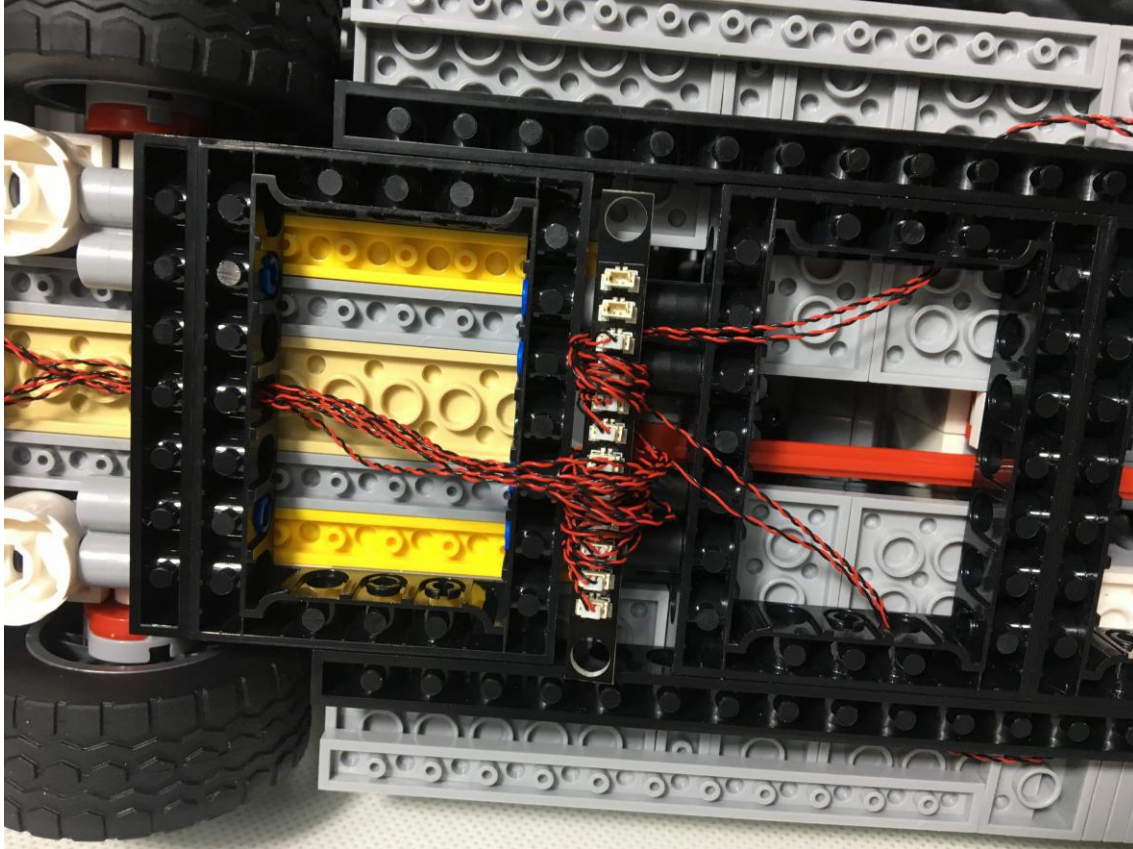
The Dot Light of the headlight is connected to the Expansion Boards.



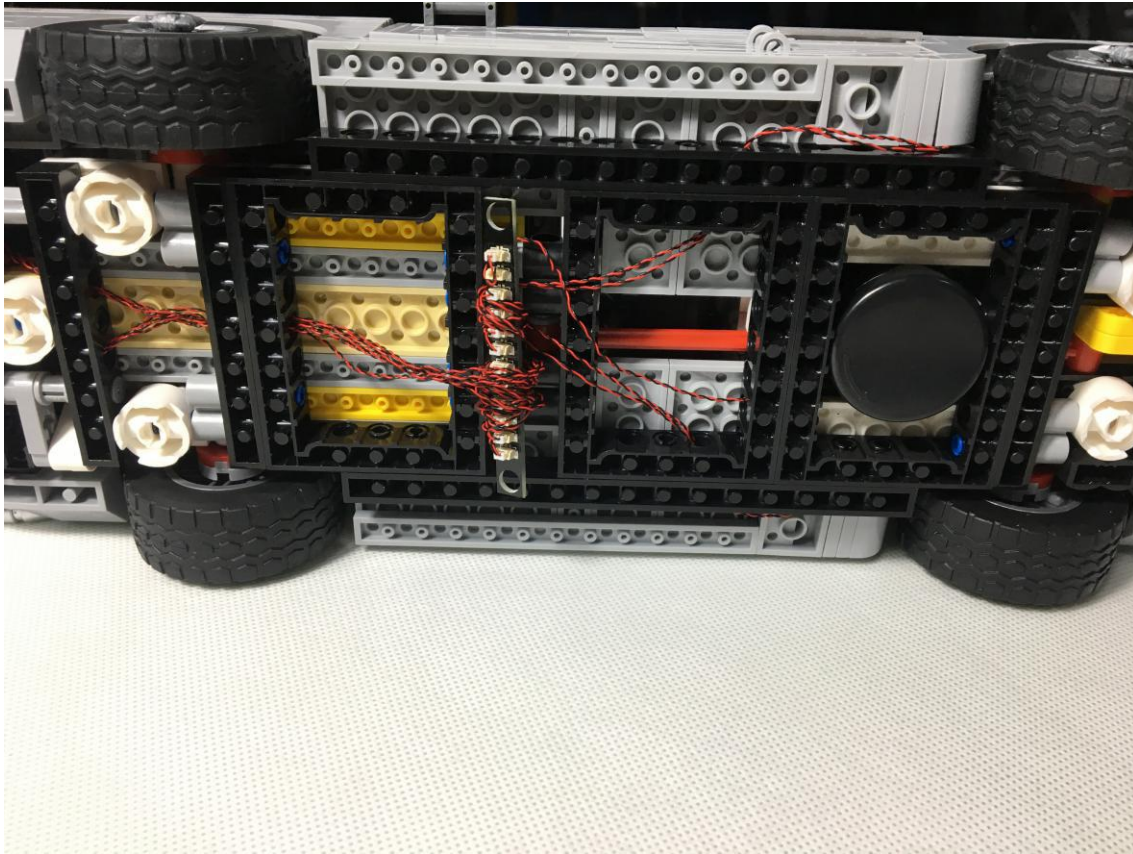
Take out two Adhesive Squares and stick them to the places as shown blew.



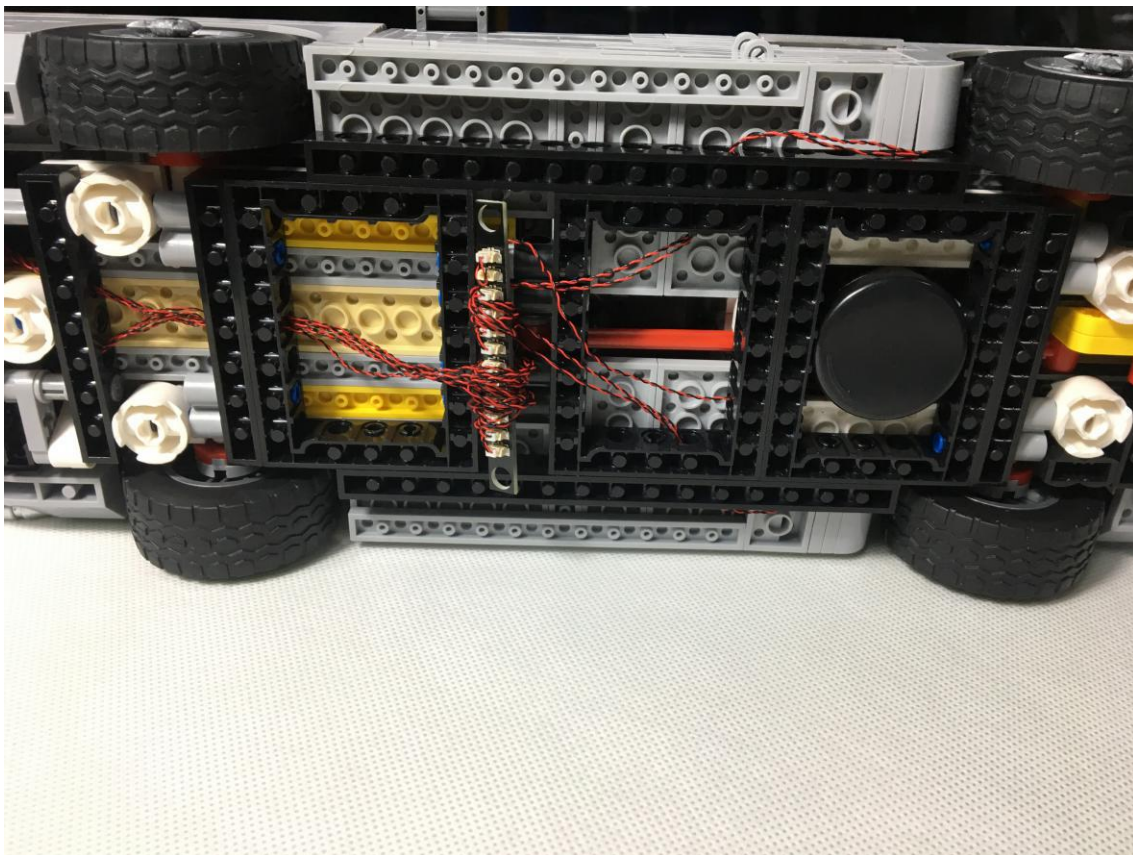
The extra cables is wrapped around the Expansion Boards then stick them to Adhesive Squares.



Remove the Button Battery Pack and click it in the picture below. Note that the switch position is placed in the gap to facilitate the switching power supply.



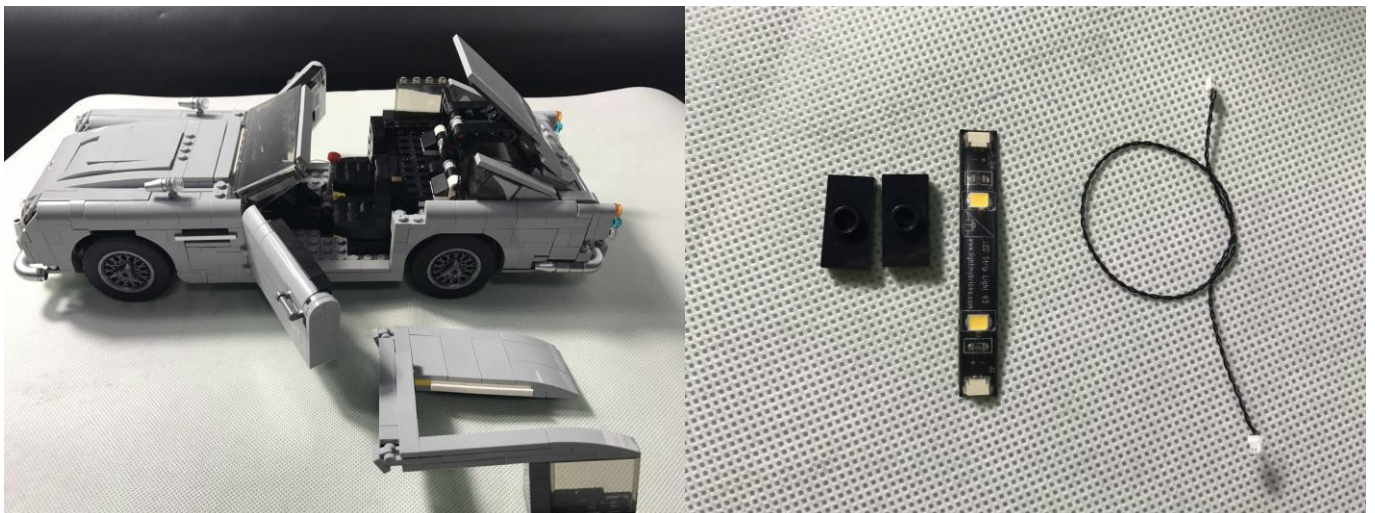
The lighting is installed, then open the switch, and the effect is as shown



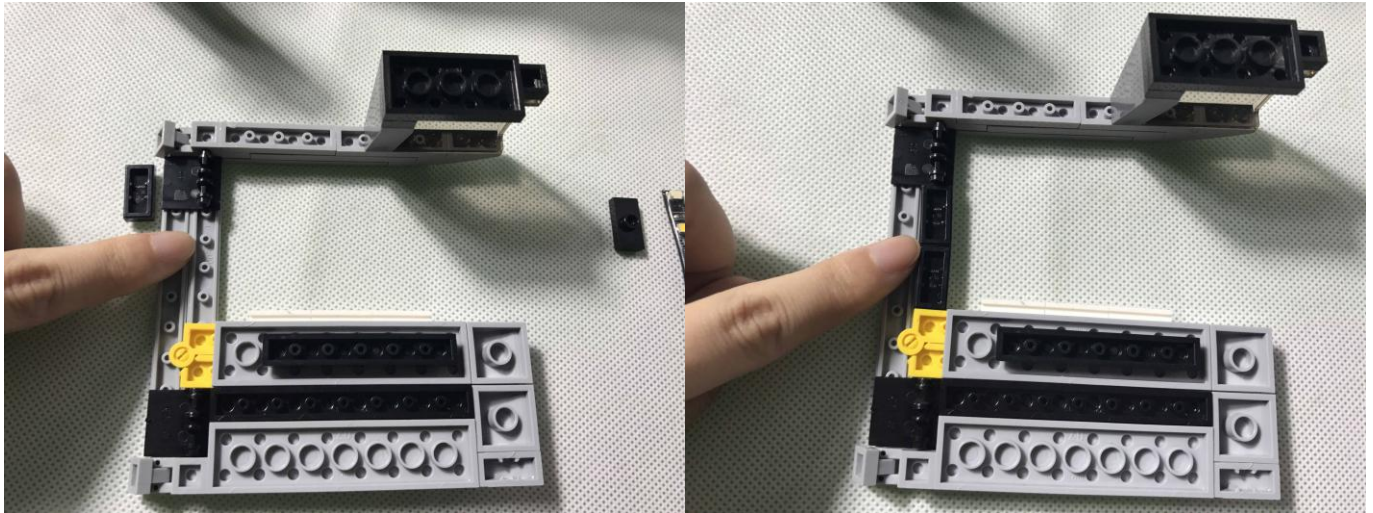


Let's move on to the installment of indoor lights!

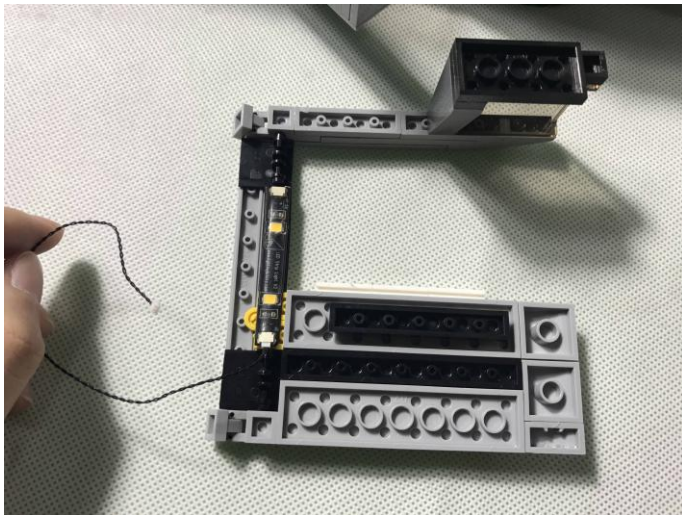
Remove the car roof. Take a Warm White Stripe Light, a 15cm Connecting Light, two black pieces as shown below.



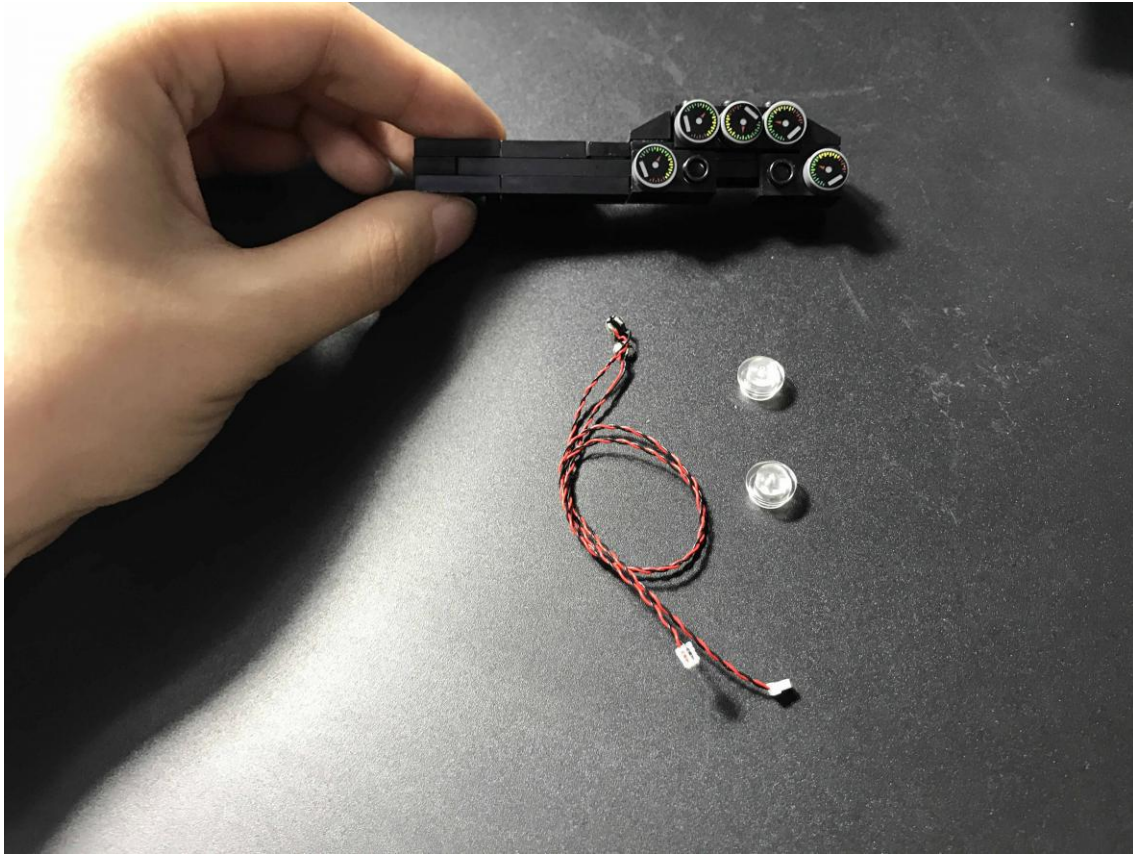
The two black pieces are connected to the grey beam in the following position.



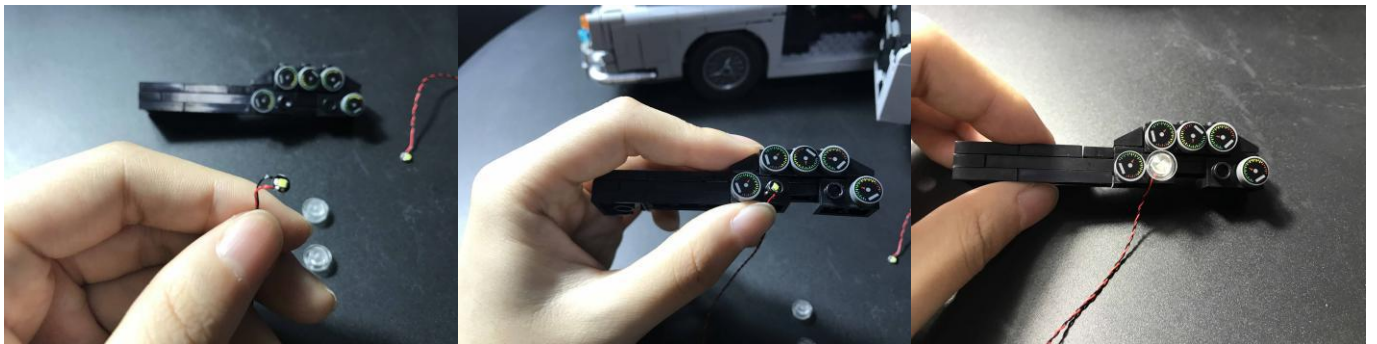
Connect the stripe light to the 15cm connecting cable, and then stick it to the black pieces. Ensure that the connecting cable is facing towards the yellow section.



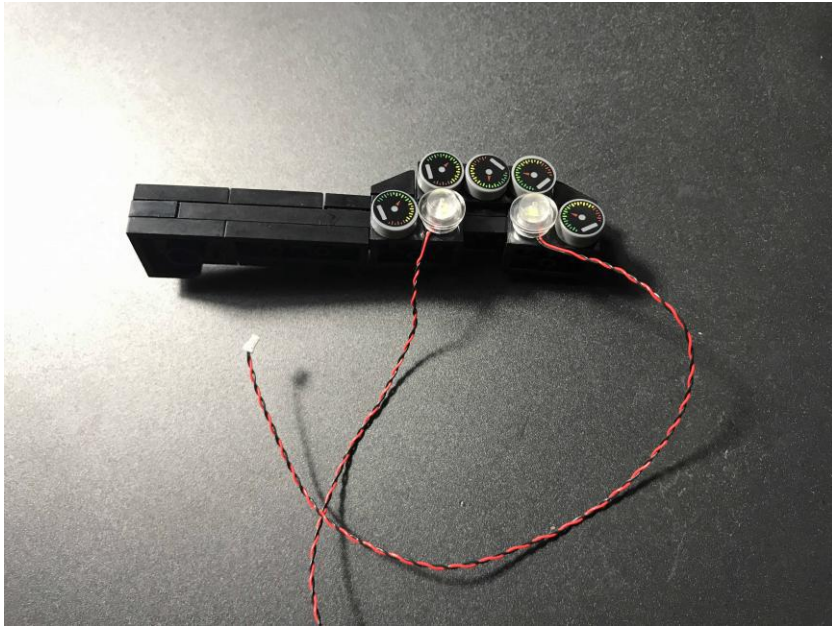
Carefully take out the instrument board to avoid reconnecting the scattered pieces. Take two 15cm White Dot Lights and two white transparent part.



Bend the end of Dot Light to a degree of 90. With the Dot Light up, connect the transparent part over the studs.

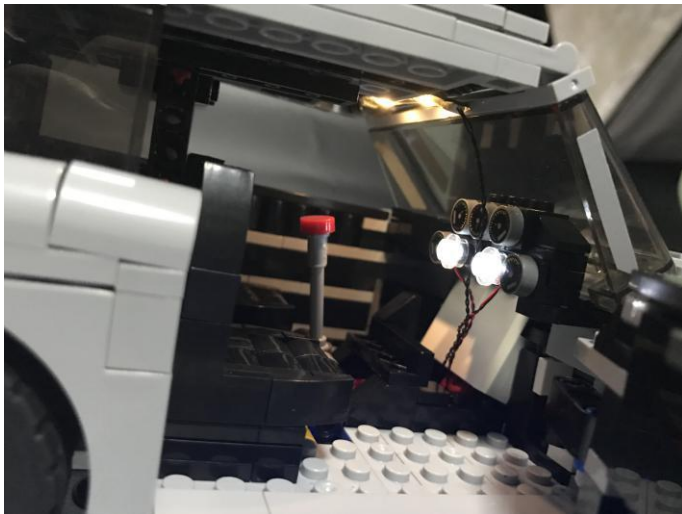


Repeat the process to complete the installment of Dot Lights on the right.

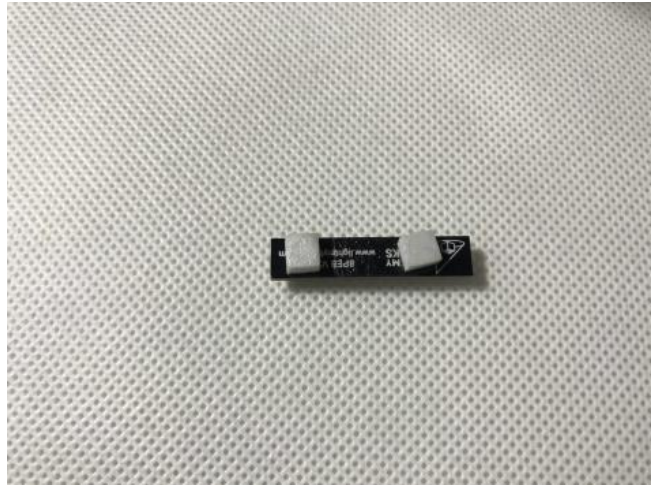


Reconnect the instrument board, the wheel. Twist the three cables with each other to form a strand of big cable and thread it out from the base plate.

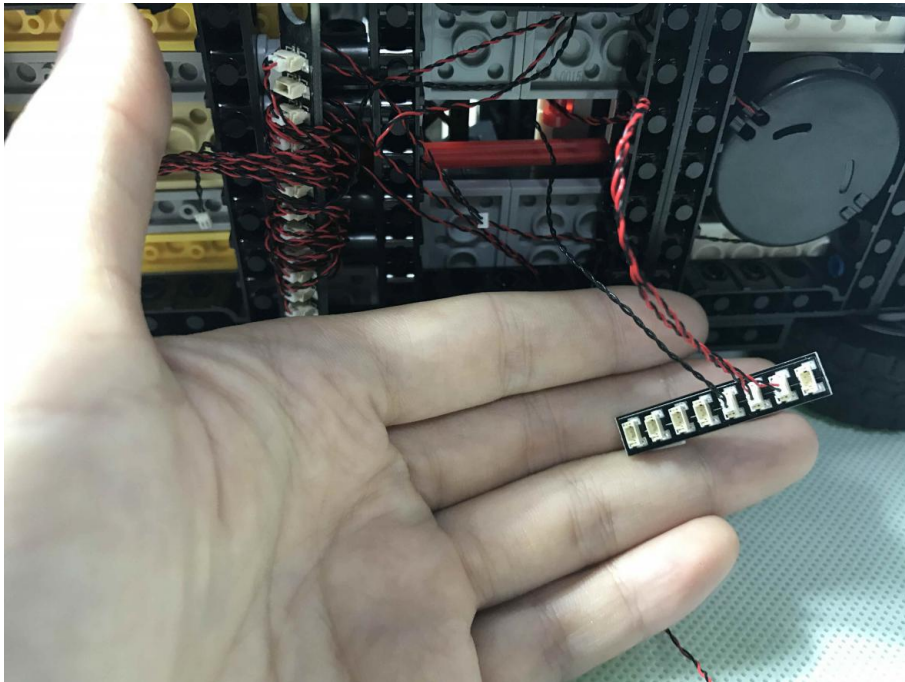
You can connect it to the Battery Pack to check the effect with the car roof having installed.



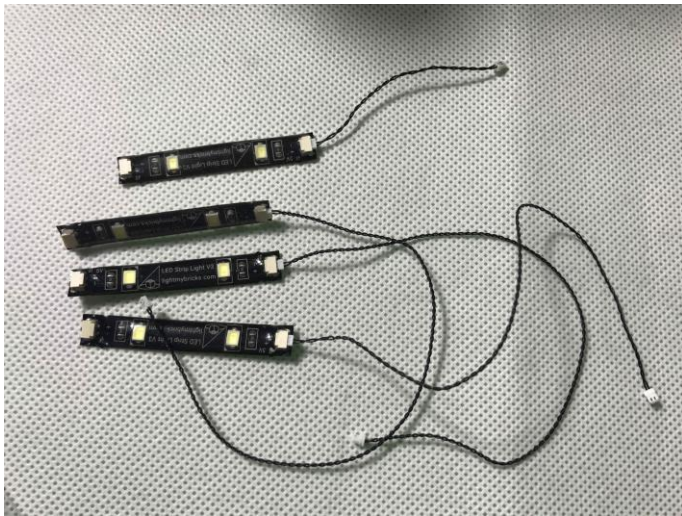
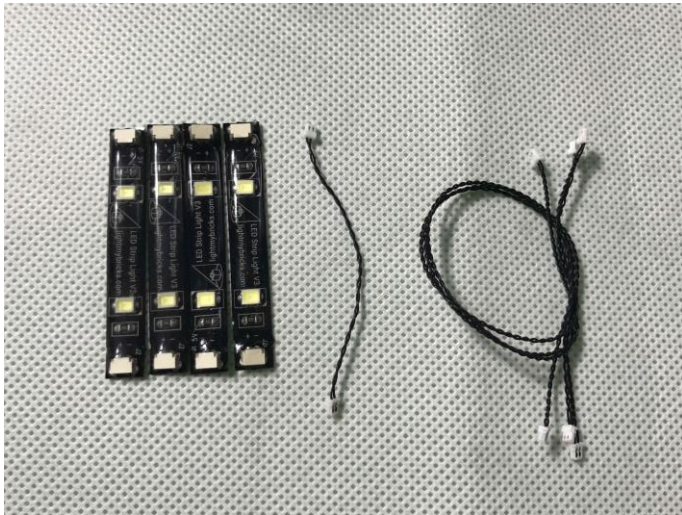
Take a 8-port Expansion Board and two adhesive backing. Stick the adhesive backing to the back of expansion board.



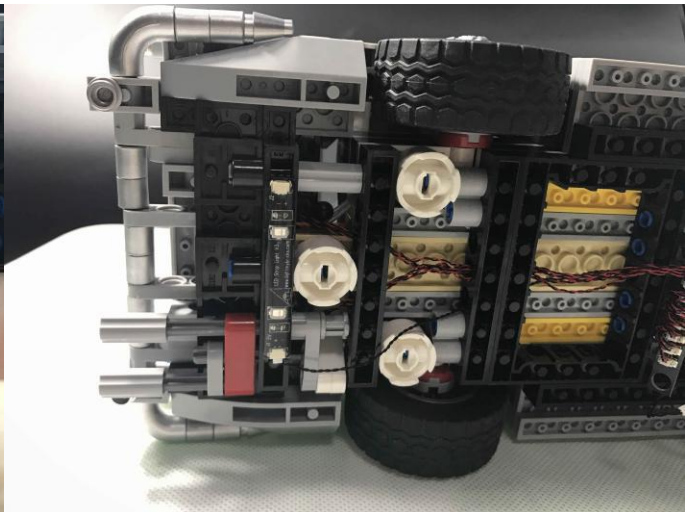
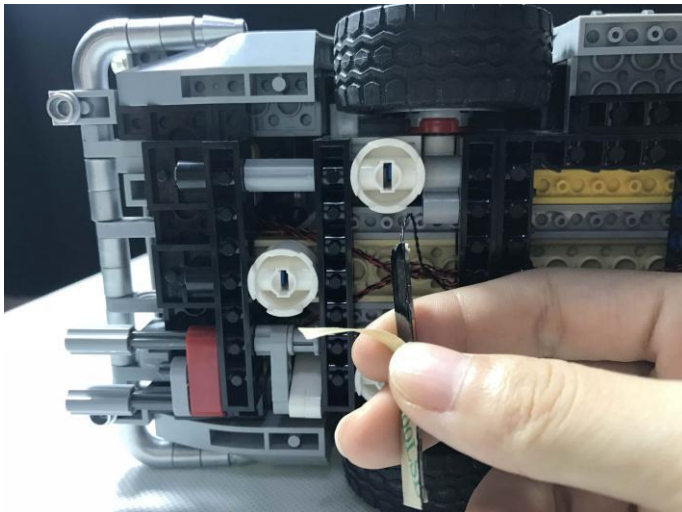
Connect the indoor light that was threaded out to the 8-port expansion board from the base plate.



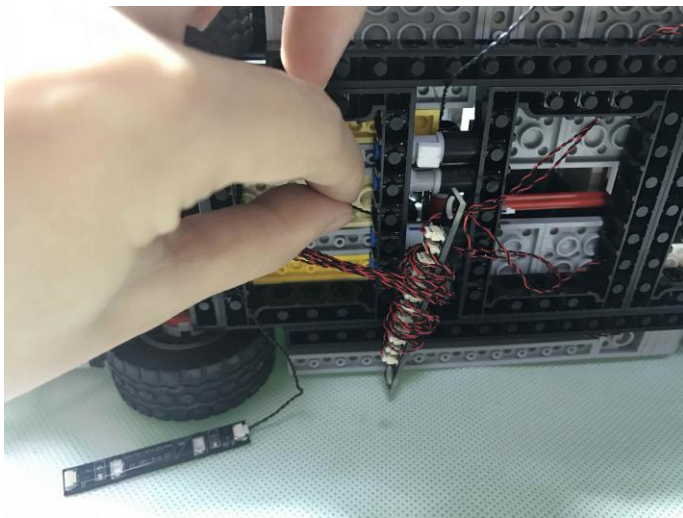
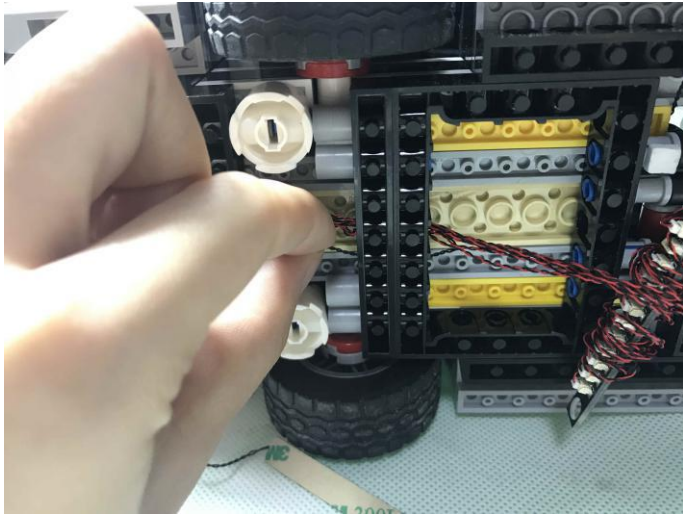
Take four blue stripe light, three 15cm connecting cable and one 5cm connecting cable and connect them as per below:



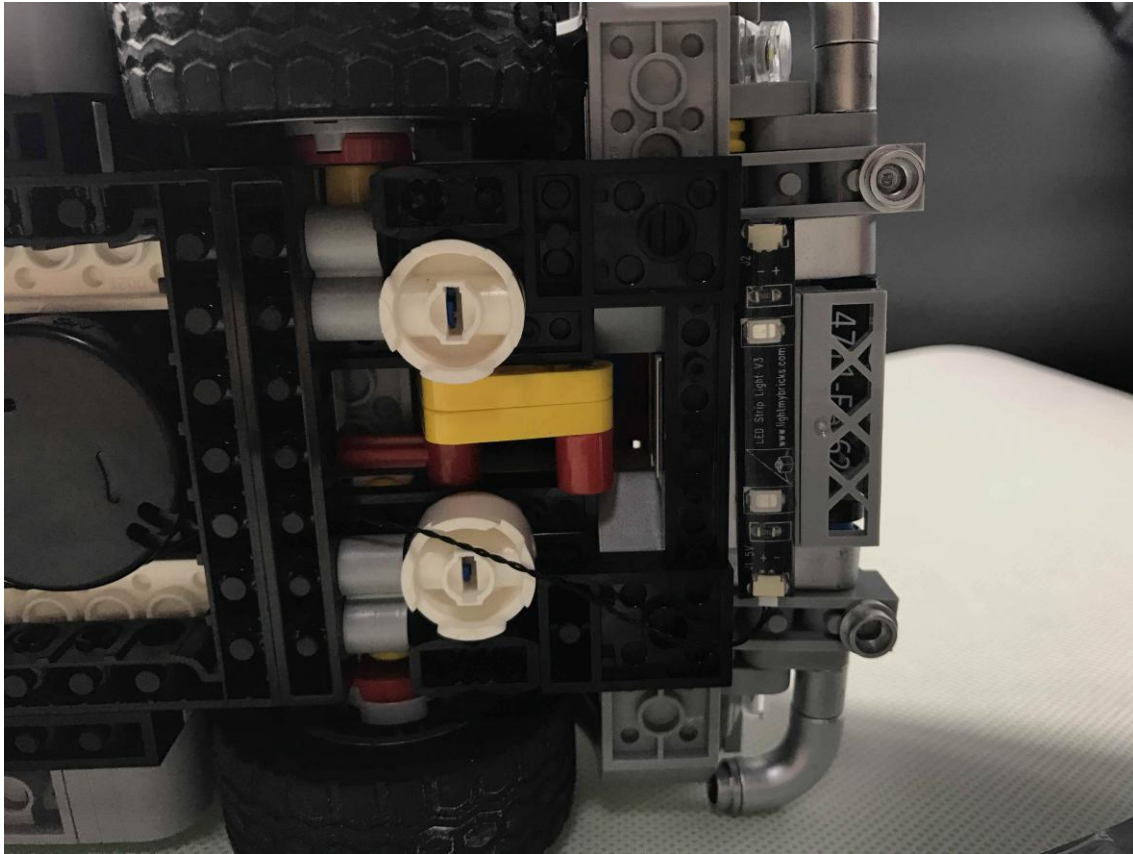
Take the first stripe light with a 15cm connecting cable, and stick them to the black bar of the plate base under the car seat.



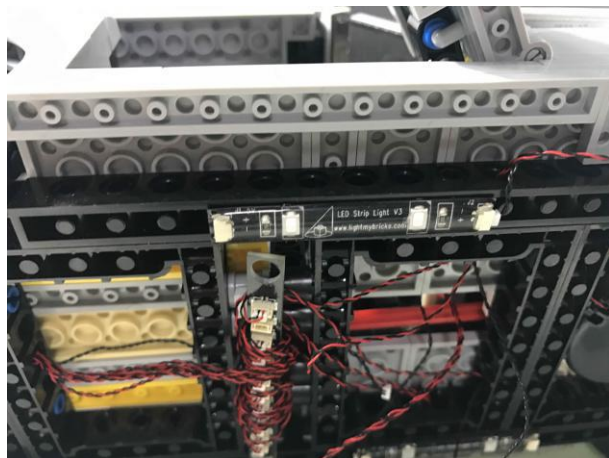
Thread the connector side through the gap of black bar. You can remove the 12-port Expansion Board and then pull the connector all the way to the right side of the 12-port Expansion Board.



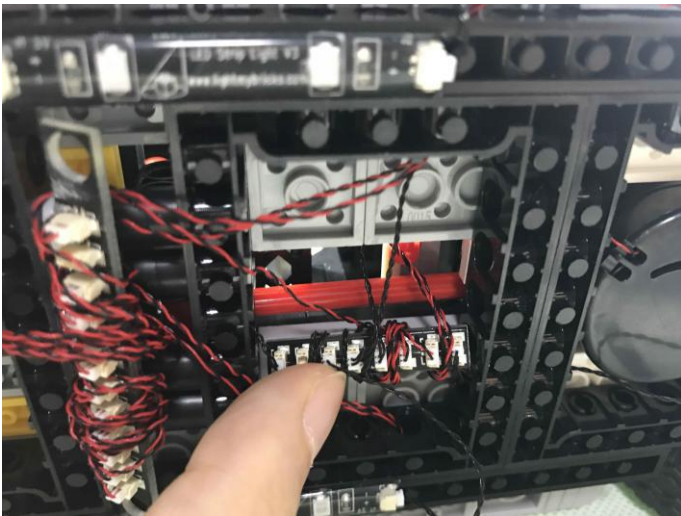
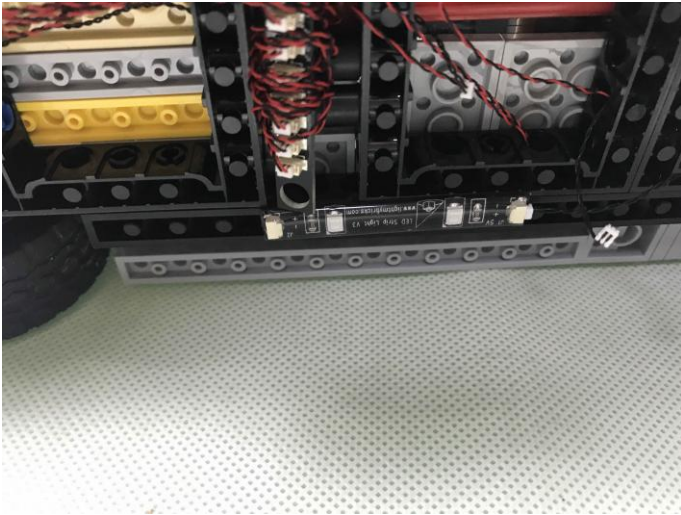
Repeat the process to stick the second stripe light with 15cm connecting cable connected to the black bar of the base plate under the head.



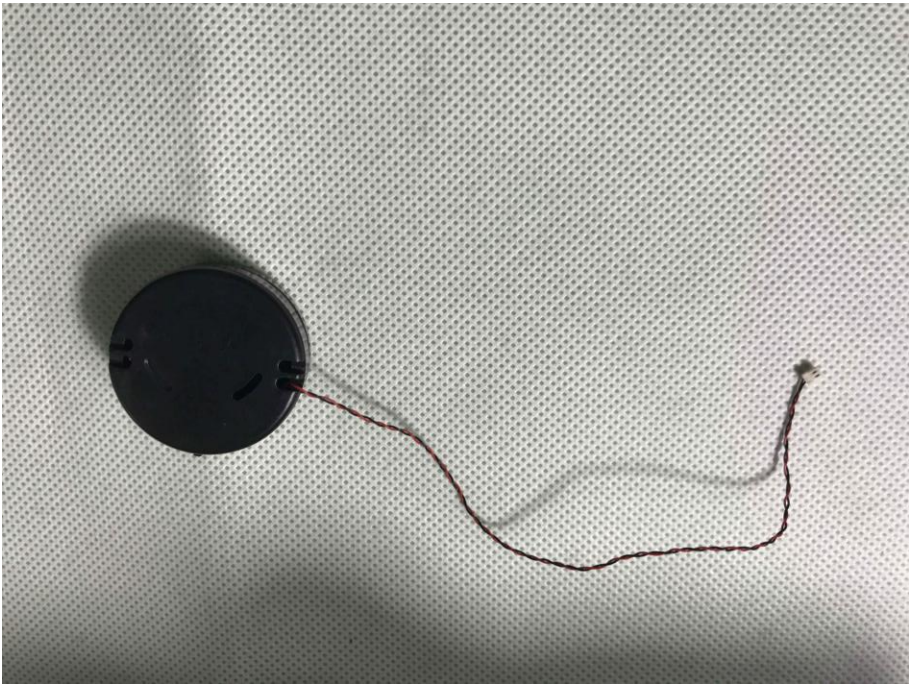
Take out the third and the forth stripe light and stick them to where there are two vertical axes of the base plate at each side.



Connect the connectors of 4 stripe lights to the 8-port Expansion Board.

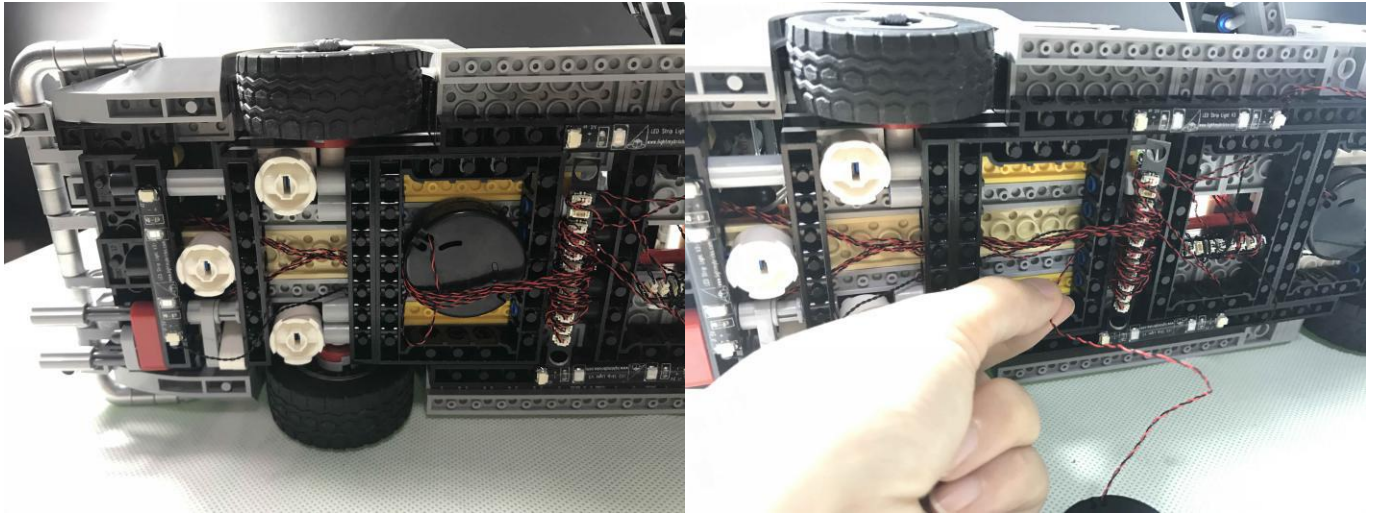


Take a round button battery and connect it to the car(as the stripe lights consume the power easily, the USB connecting cable is supplied for the persistence of power. If the movability of the car is not considered, the power bent is also a good choice for you)



Connect the Battery Pack to the gap of the rectangle in the following position, note the location of the

switch. Thread the s port side through the black gap and connect it to the 8-port Expansion Board.



Turn the pack on and check the effect.



This finally completes installation of the lighting kit. Your LEGO is ready for running.
ENJOY!

