

McLaren P1 hypercar 1:8 – XQ1001 Lighting Kit

Package contents:

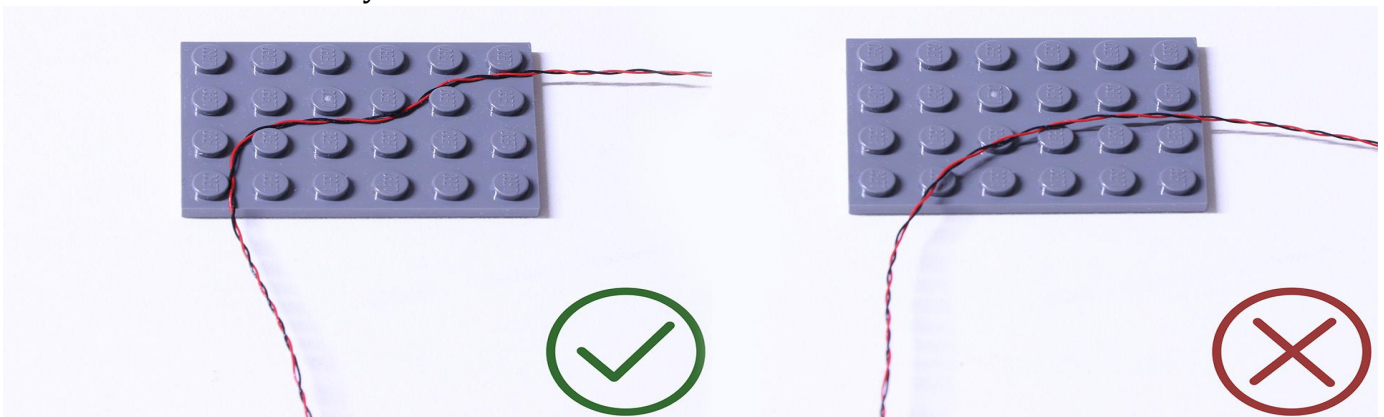
- 8 x 15cm Warm White Dot Lights
- 2 x 30cm Warm White Dot Lights
- 2 x 30cm Warm White Lights
- 1 x Warm White Strip Light
- 2 x 30cm Connecting Cables
- 1 x 6-port Expansion Board
- 1 x 12-port Expansion Board
- 1 x AA Battery Pack

Extra LEGO pieces

Note:

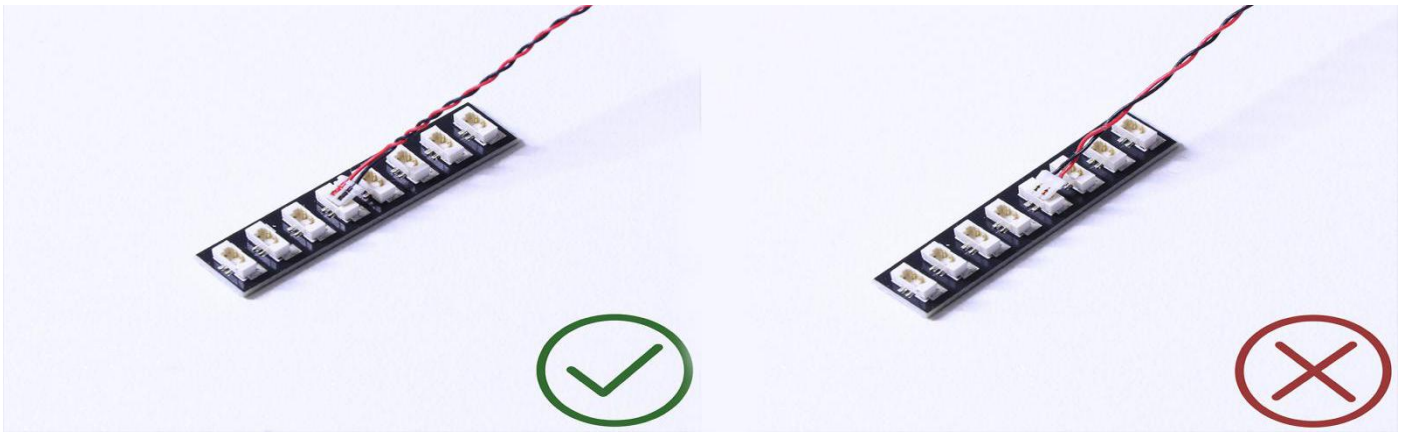
Place wires on the surface or under the LEGO building blocks.

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

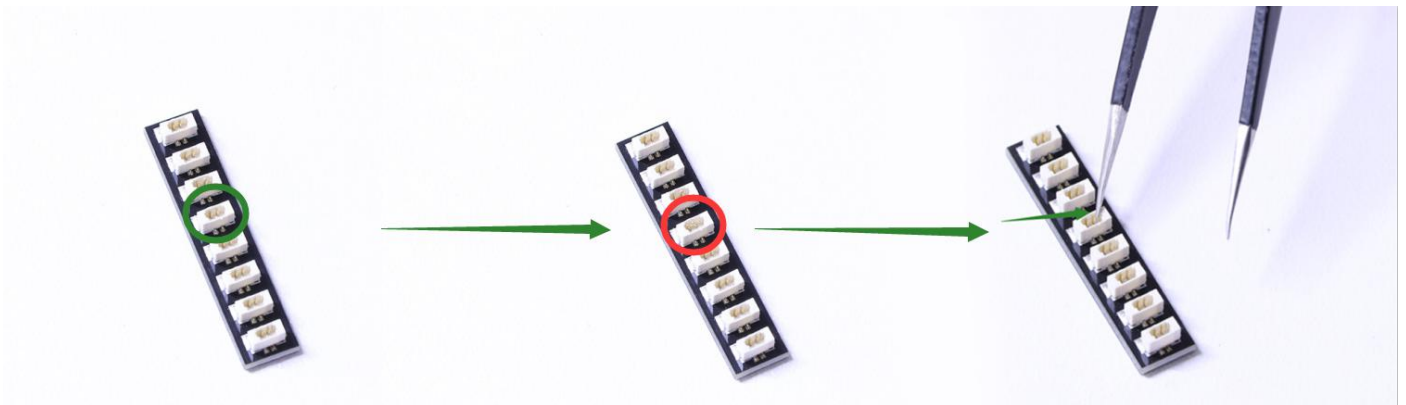


Insert the connectors to the ports.

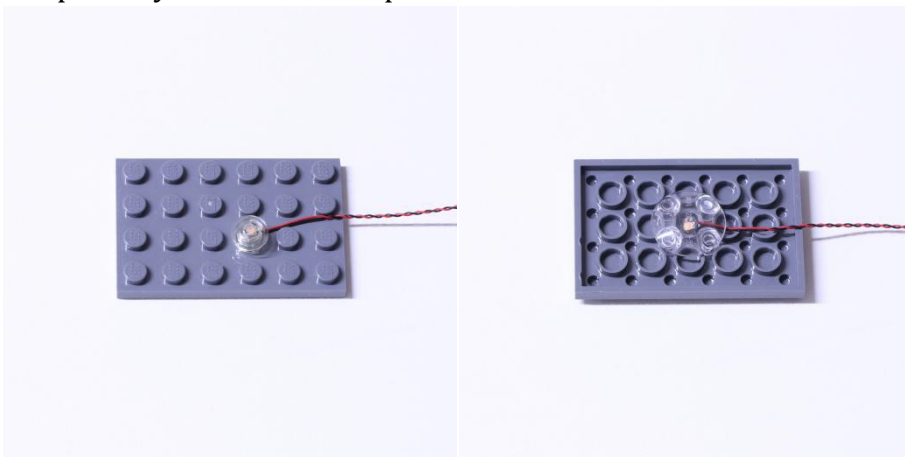
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop, 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.

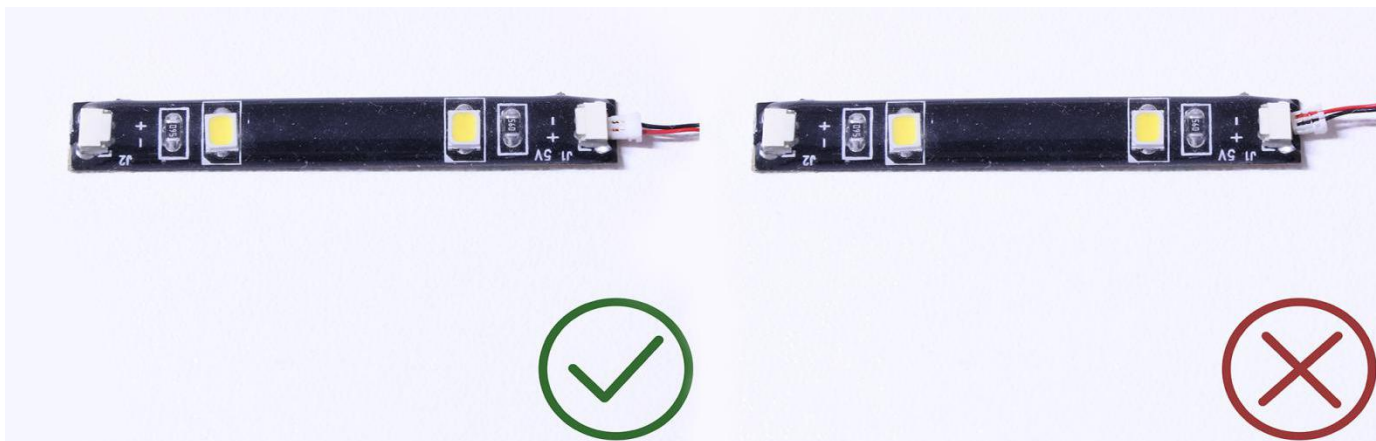


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

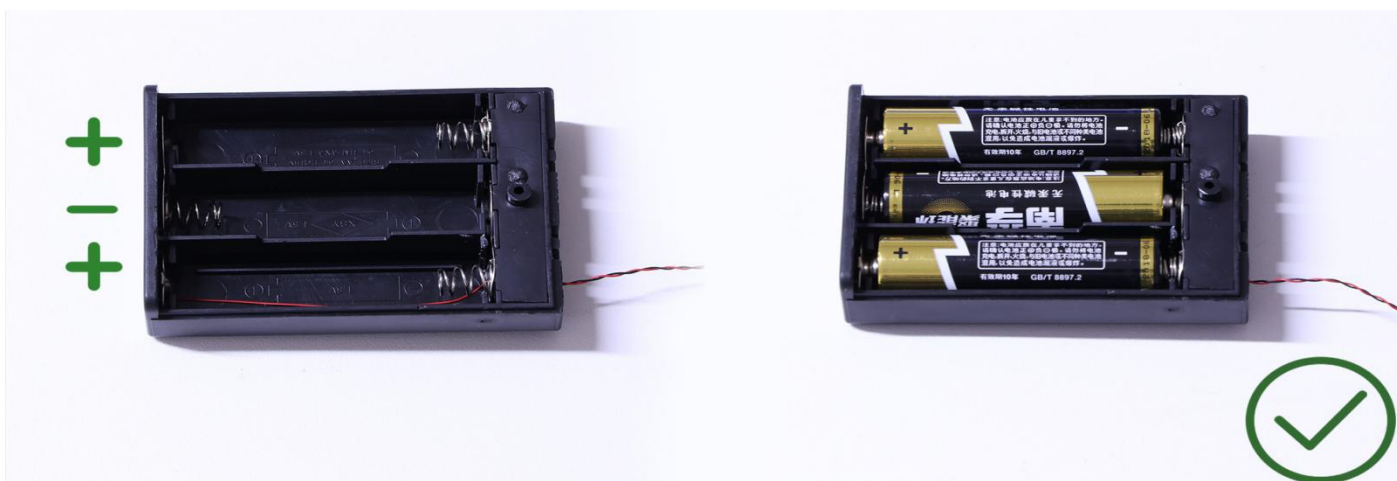


Connecting cable connectors to Strip Lights

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.



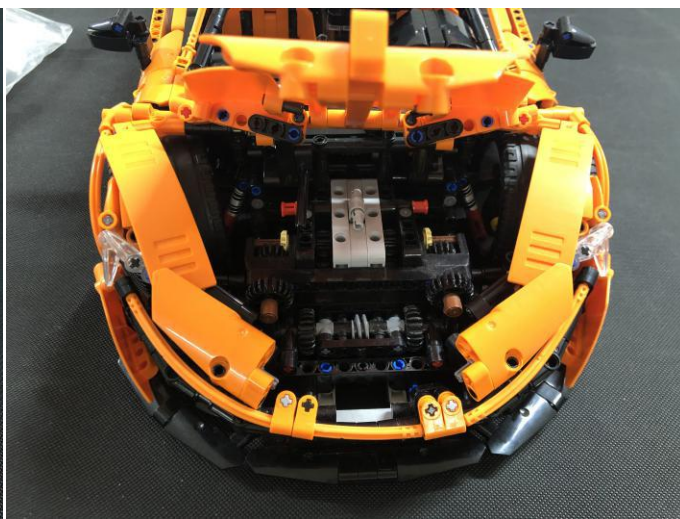
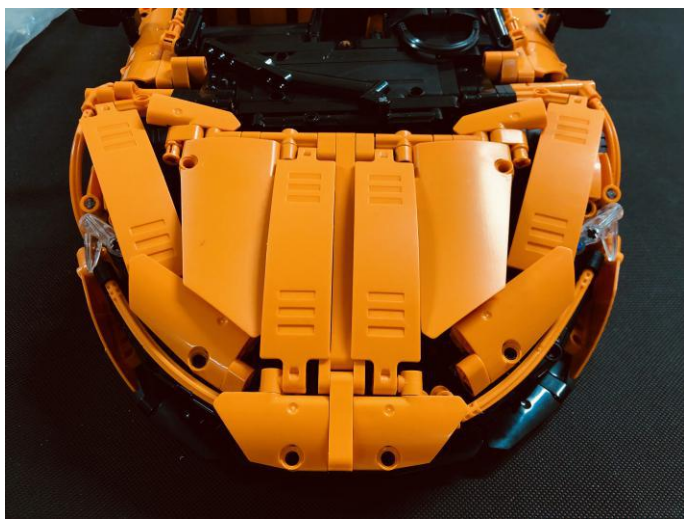
Finally, please pay attention to the positive and negative terminals of the battery when installing the battery case.



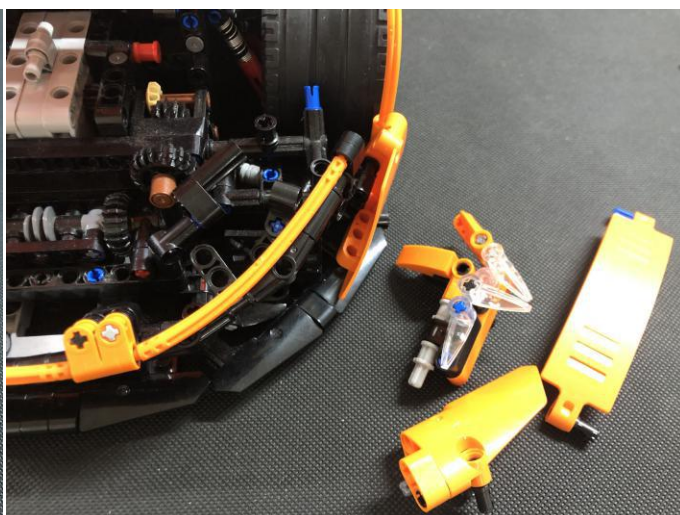
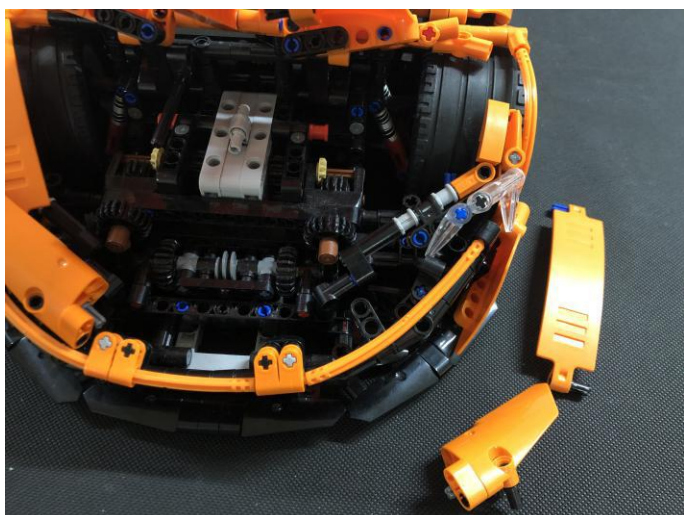
Instructions for installing this kit

Let' s begin!

Start from installing the headlights. Lift the following piece



Remove the following pieces



Take a warm white 30cm light



With lighting part facing up, secure the light to the trans round 1x1 piece with the removed trans piece as per below

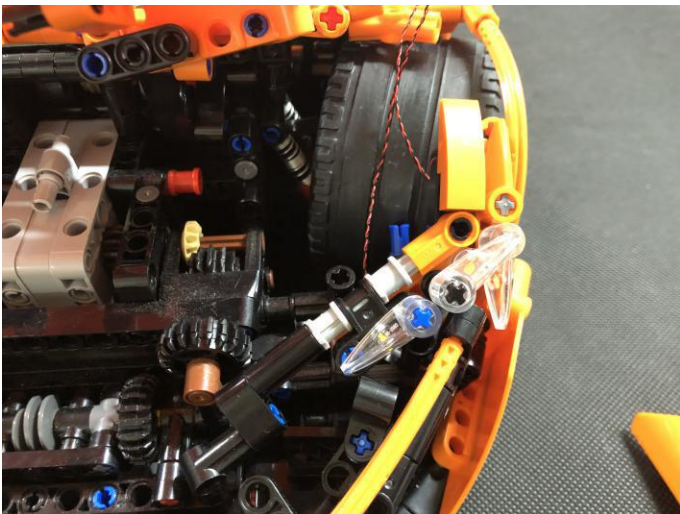


Take a warm white 30cm dot light, thread its connector through the following hole, secure the light with the piece we removed

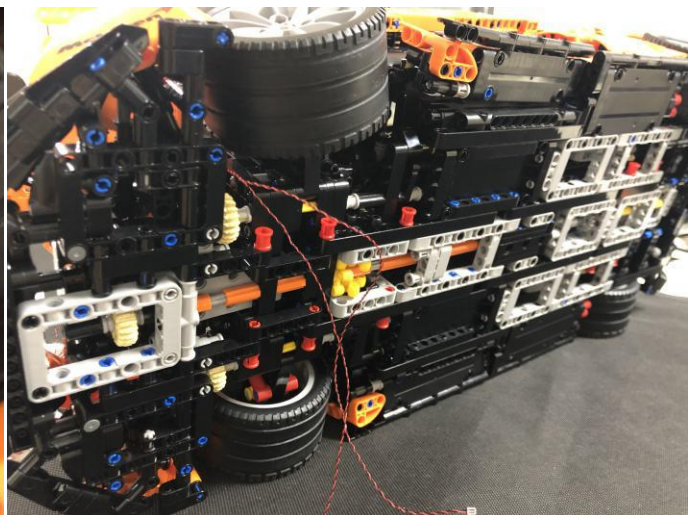
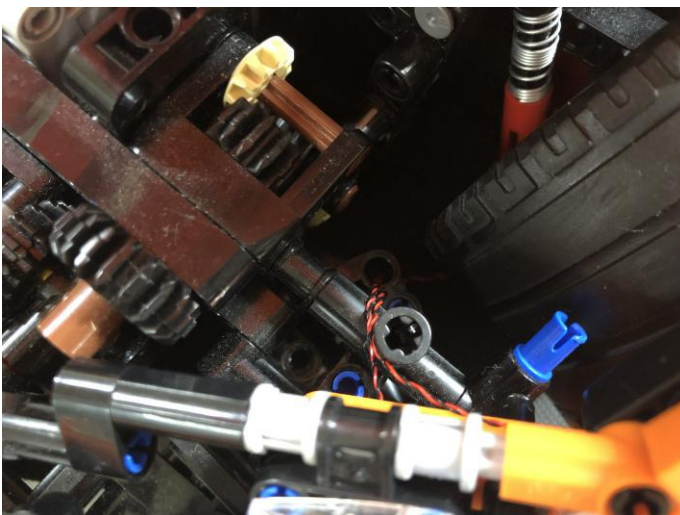




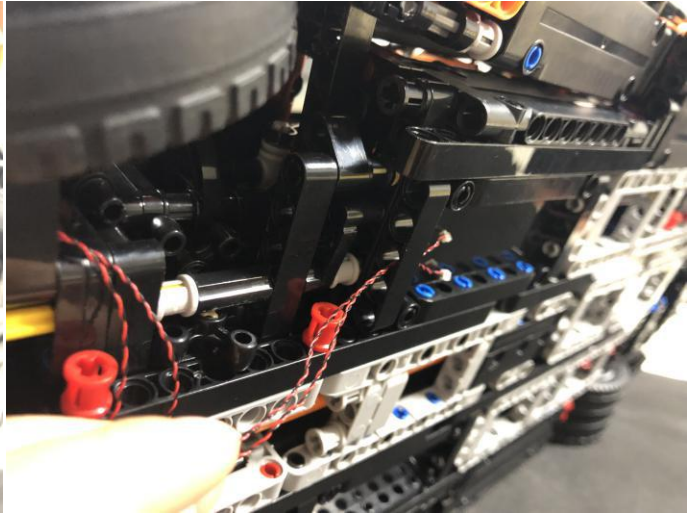
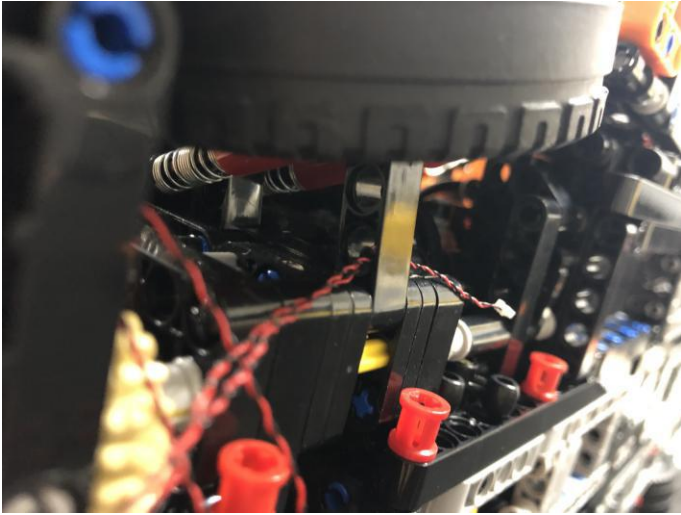
Reconnect the pieces, pull the cables out from the back



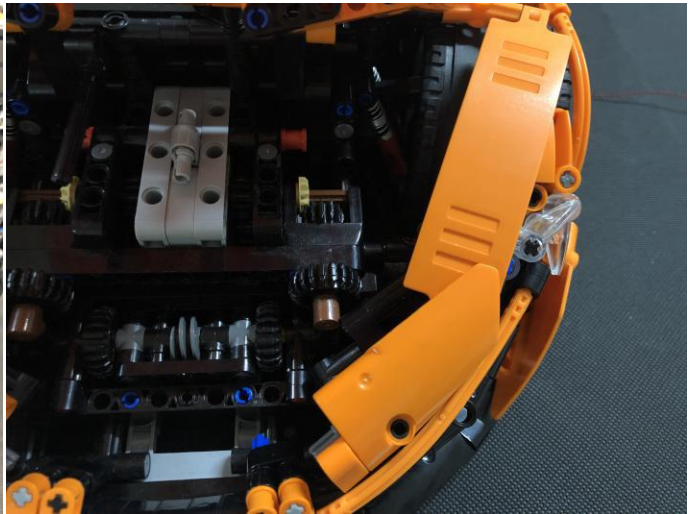
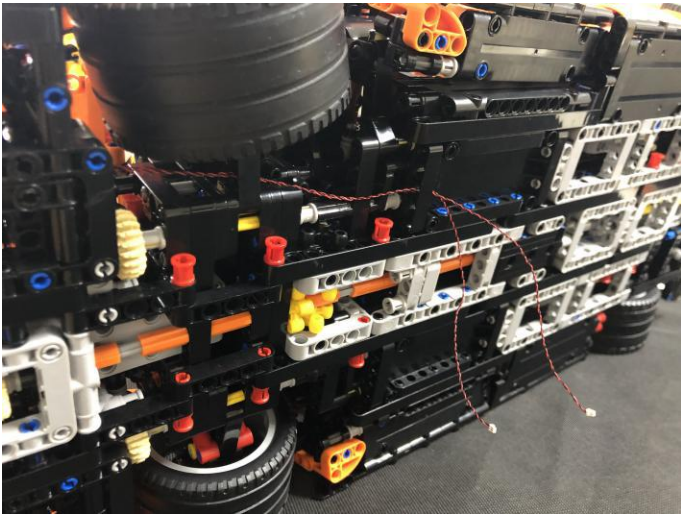
Thread the 2 cables through the following hole, turn the car over as per below



Place the cables underneath the car as per below, thread them through the following hole



Reconnect the following piece

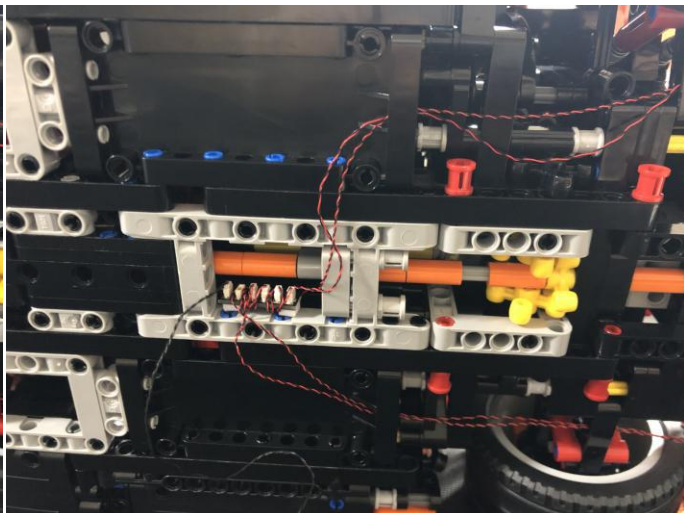
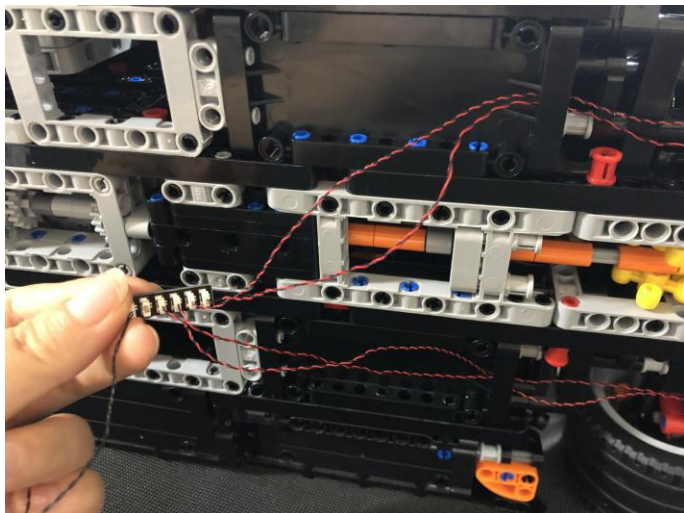


Take a warm white 30cm light, a warm white 30cm dot light. Repeat the steps above to install lights for the other headlight

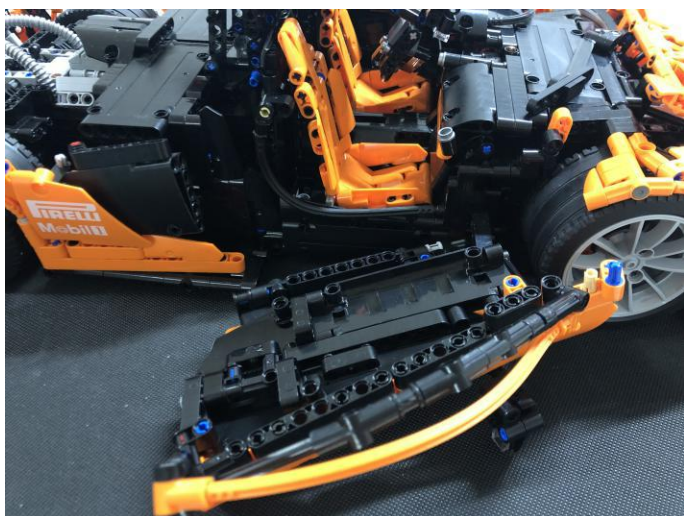
Take a 6-port expansion board, a 30cm connecting cable, connect the cable to the expansion board



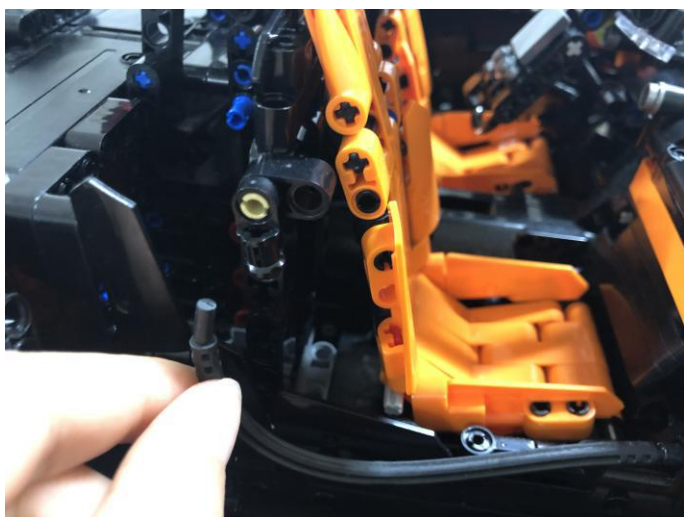
Connect the 4 cables of the headlights to the expansion board, stick the expansion board to the following place underneath the car



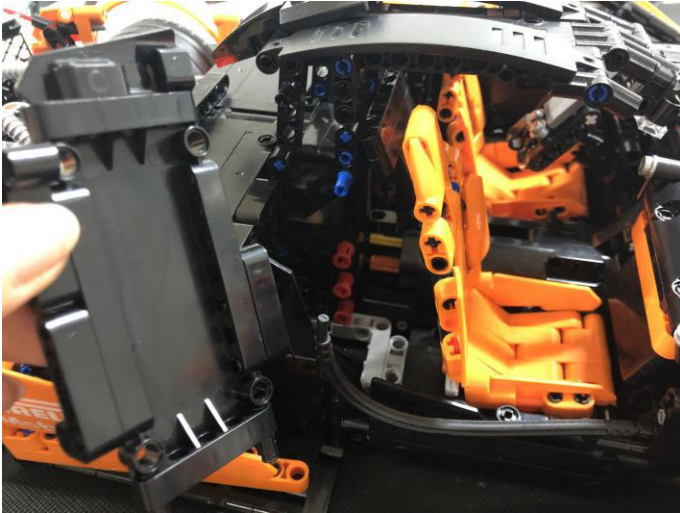
Remove the car door



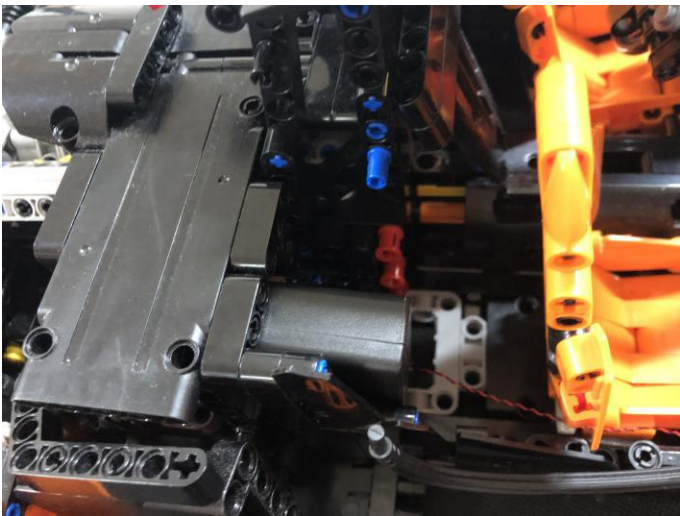
Remove the following piece



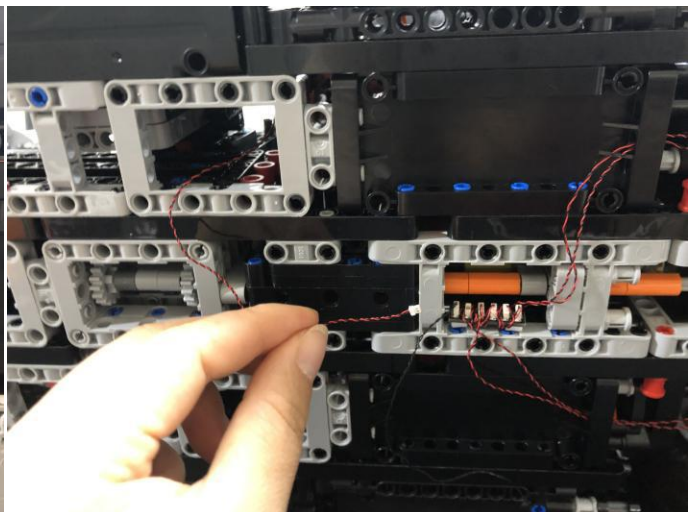
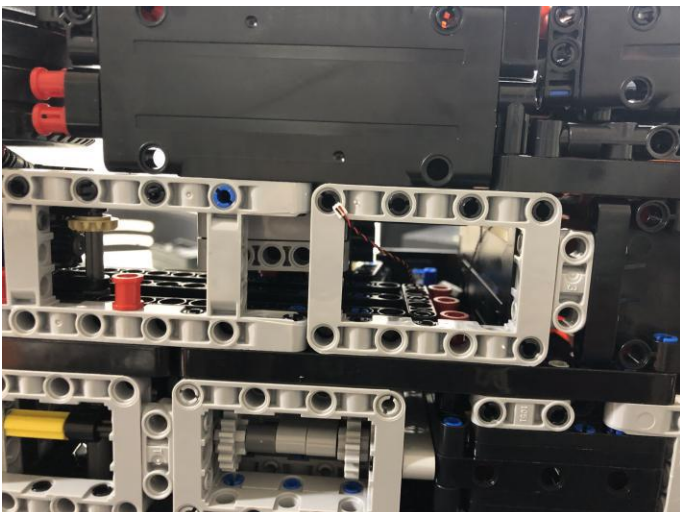
Remove the following piece from the back of the passenger' s seat

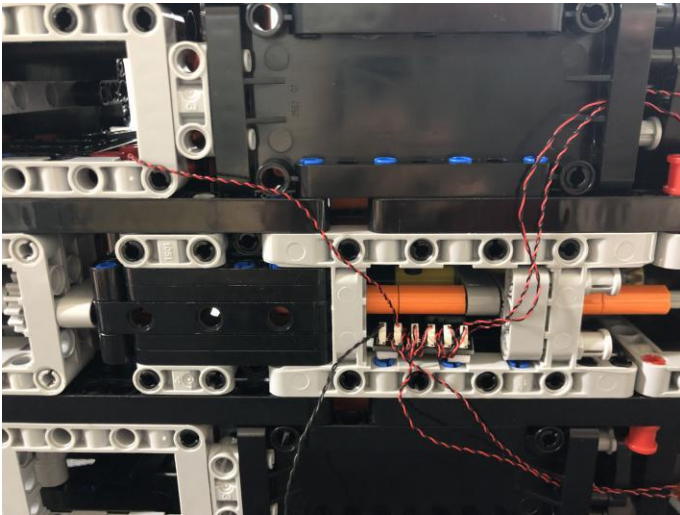


Take the AA battery pack, place it to the following position

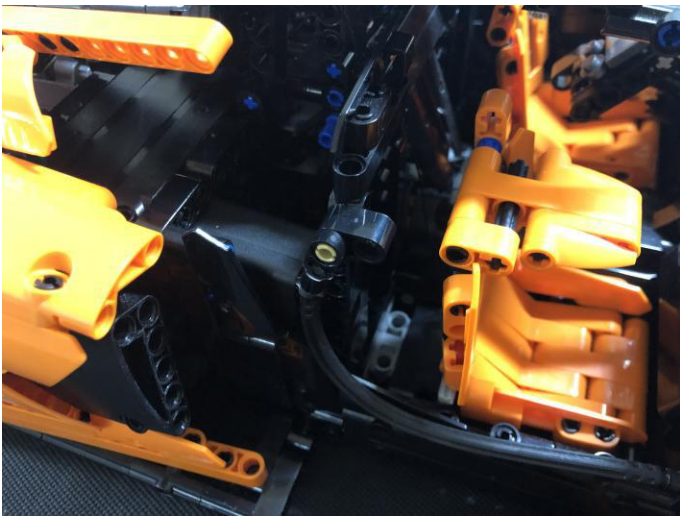


Thread the cable of the battery pack through the bottom, then connect it to the 6-port expansion board





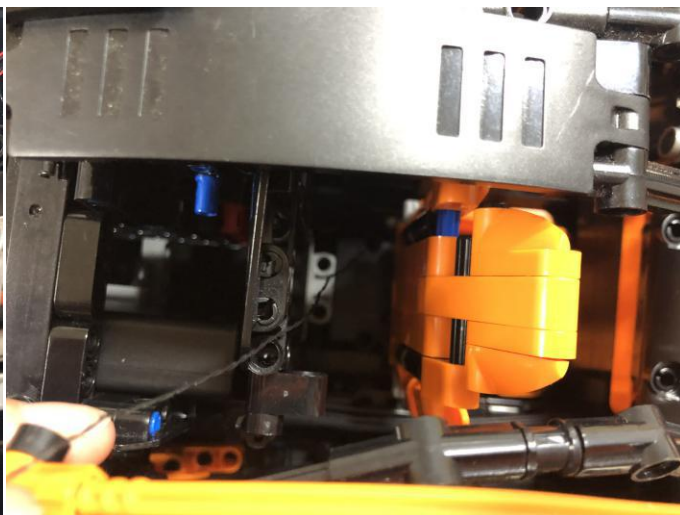
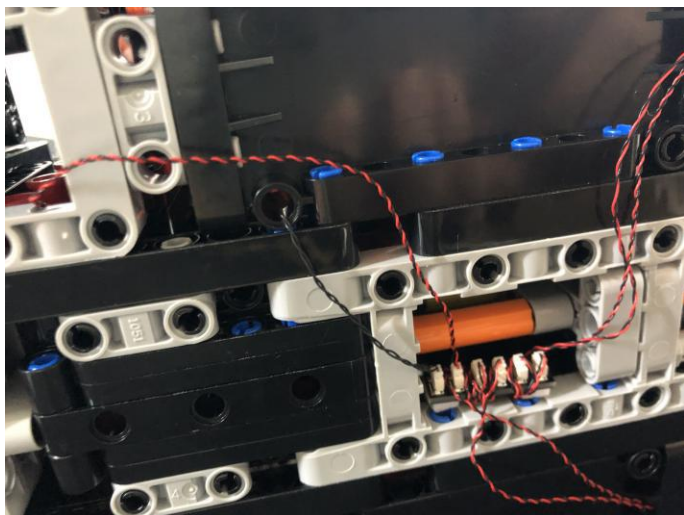
Reconnect the pieces at the back and the side of the seat



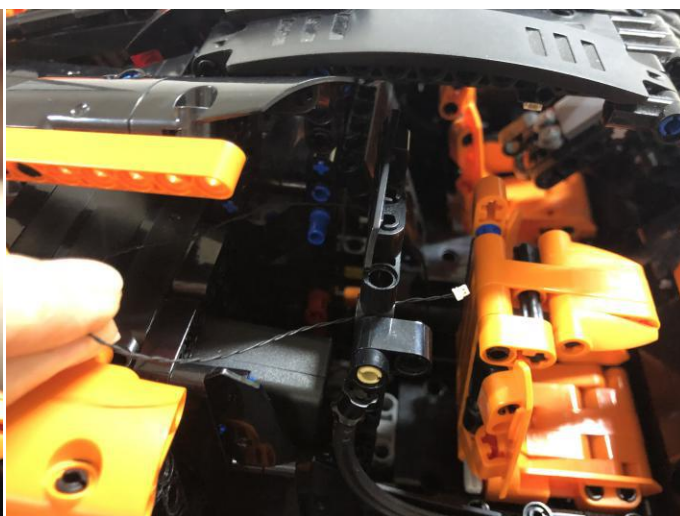
Turn the power on to test the current



Thread the 30cm connecting cable from the expansion board through the following hole, turn the car over, pull the cable out as per below



Wind the cable twice around the piece at the back of the passenger' s seat



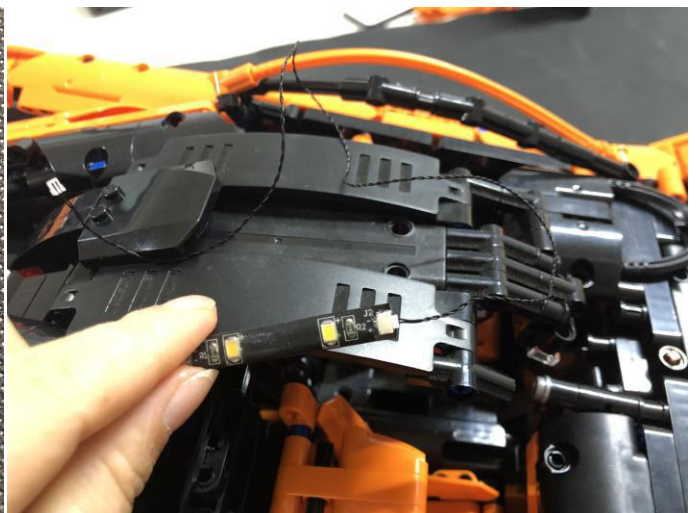
Thread it through the hole at the top of the car



Take a warm white strip light, connect the cable to the strip light



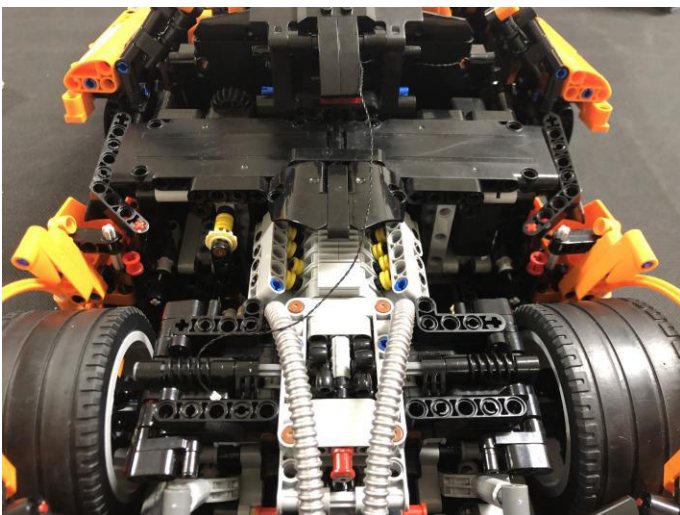
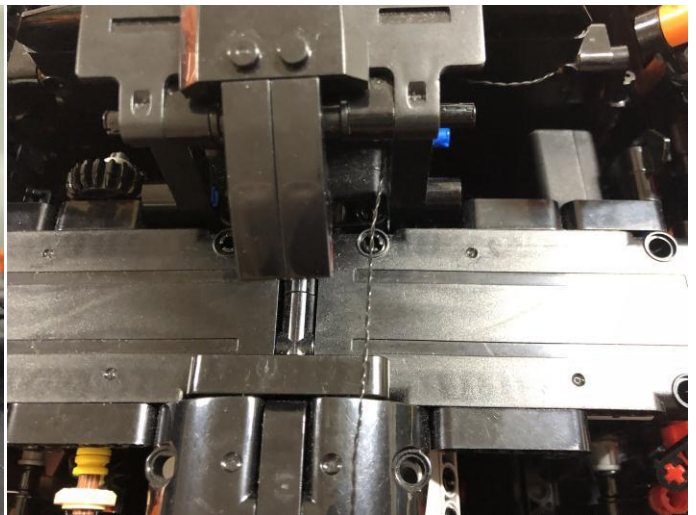
Take a 30cm connecting cable, connect it to the other port of the strip light



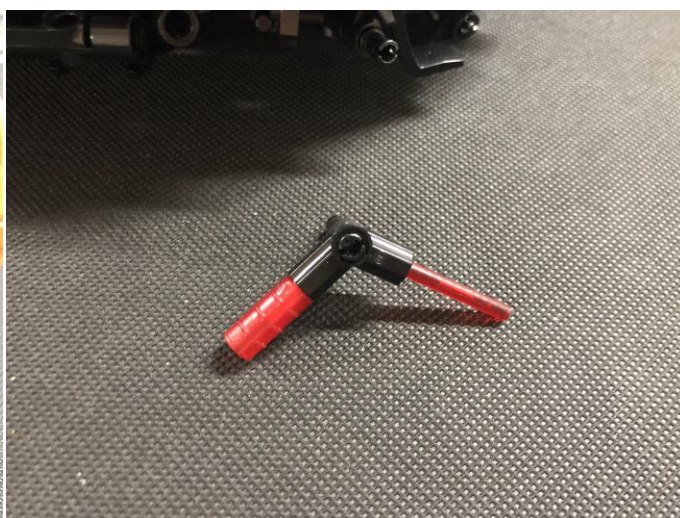
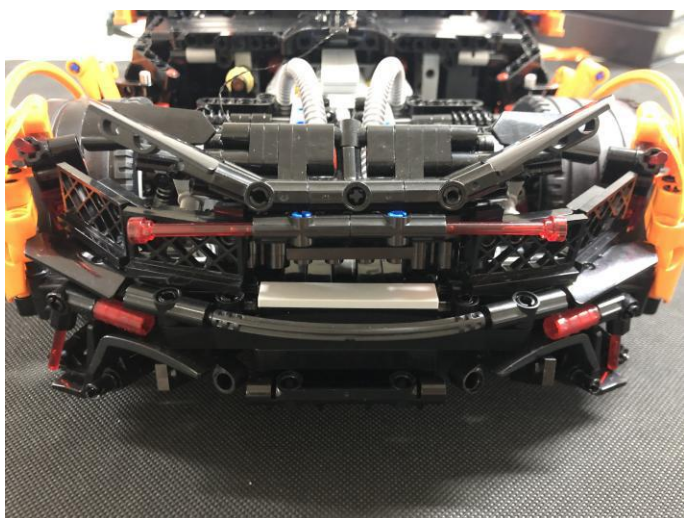
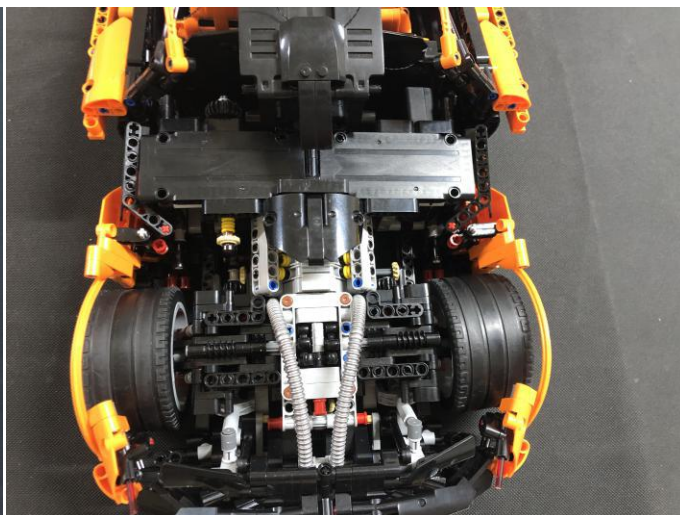
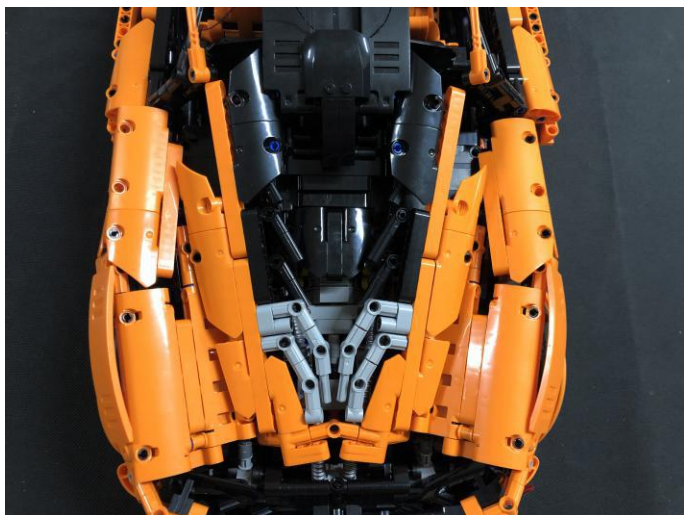
Stick the strip light to the roof, pull the cable to the driver's seat, reconnect the car door



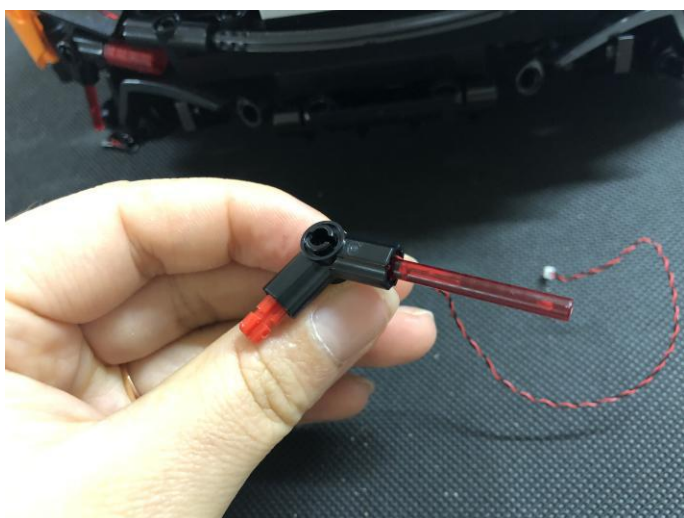
Pull the cable out from the driver' s seat, thread it through the hole on the roof, pull it backward



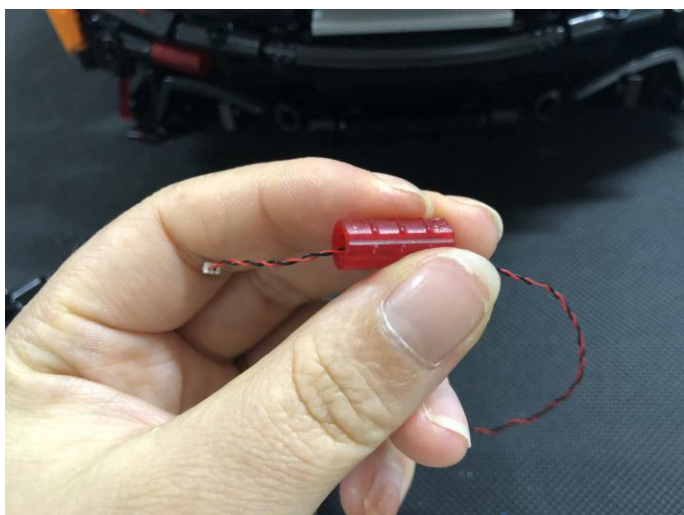
Move onto installing taillights, remove the following pieces

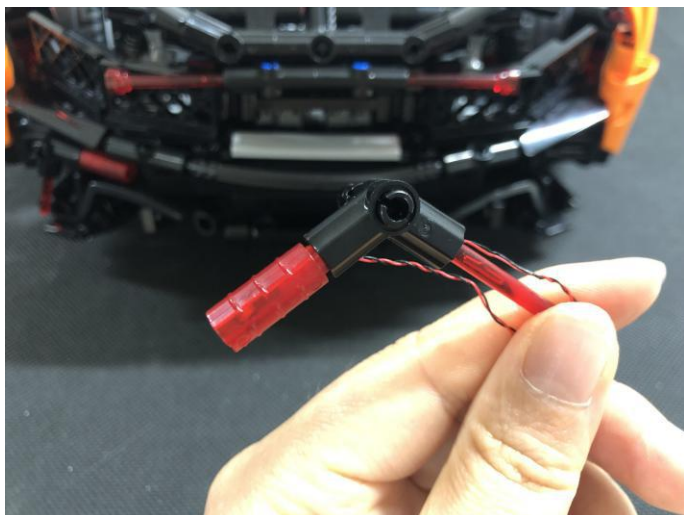


Take a warm white 15cm dot light, with lighting part facing outside, place the light inside the black piece, reconnect the red 1x4 bar

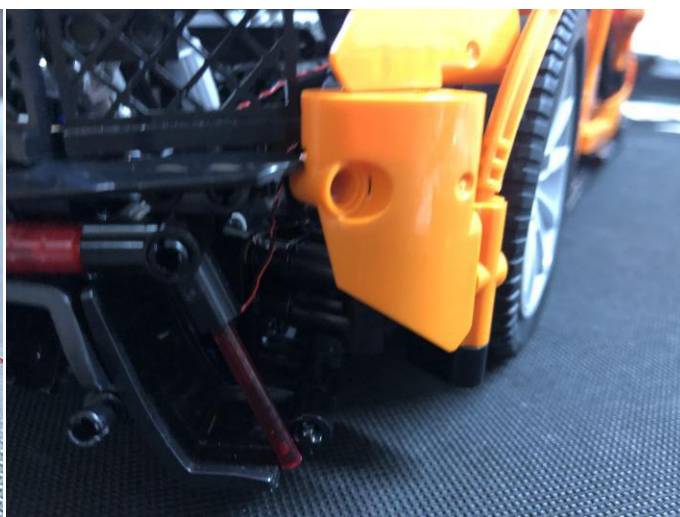


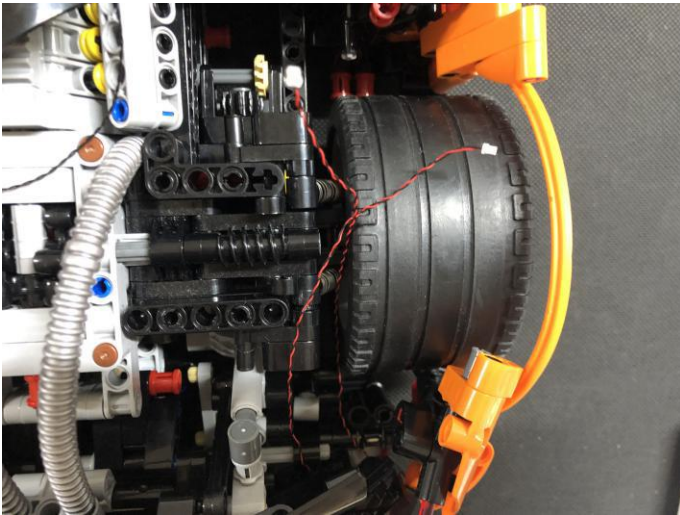
Take a warm white 15cm dot light, install it to the black piece at the other side as we did before. Then, thread the connector through the following 1x2 red cross piece before reconnecting the red cross piece



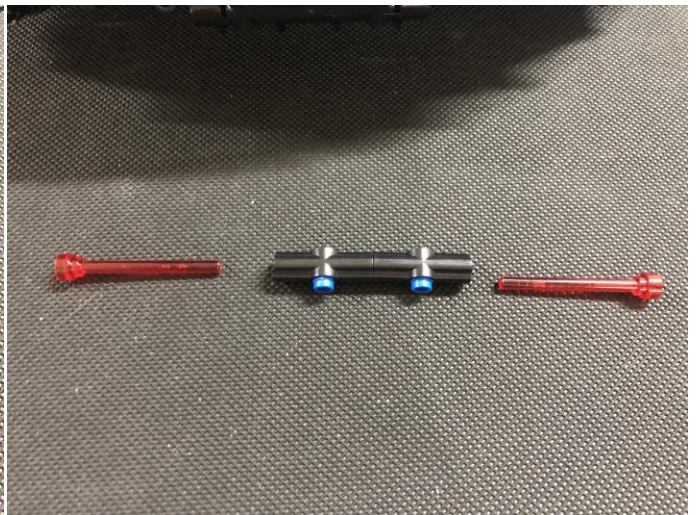
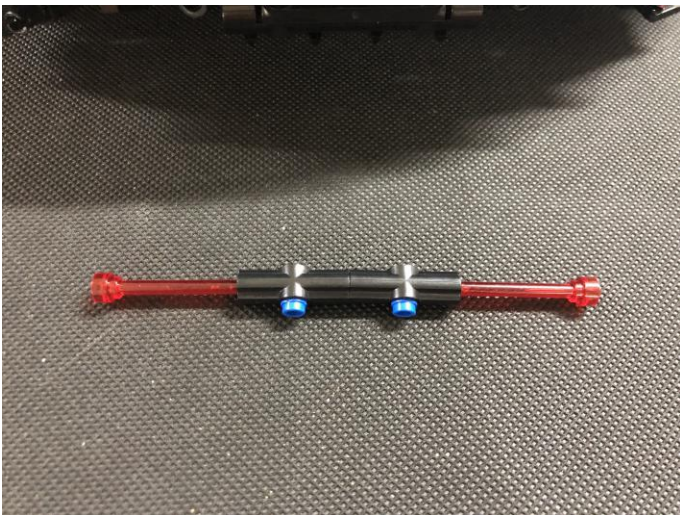


Continue to thread the connector through the following hole, reconnect the piece. Thread the cable of the light through the gap beside as per below

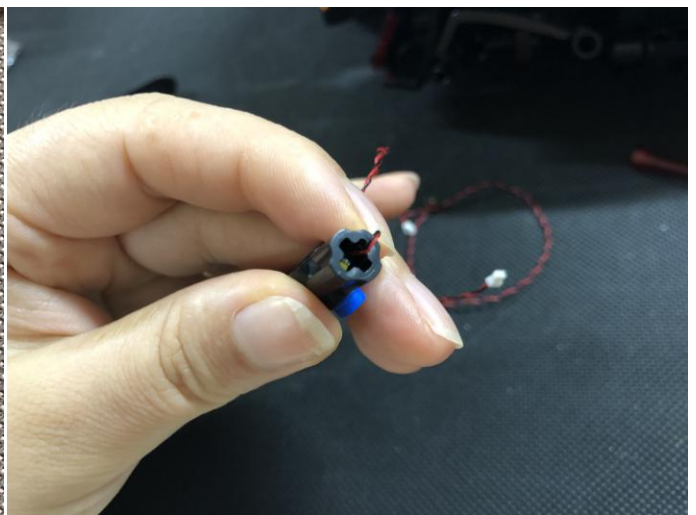
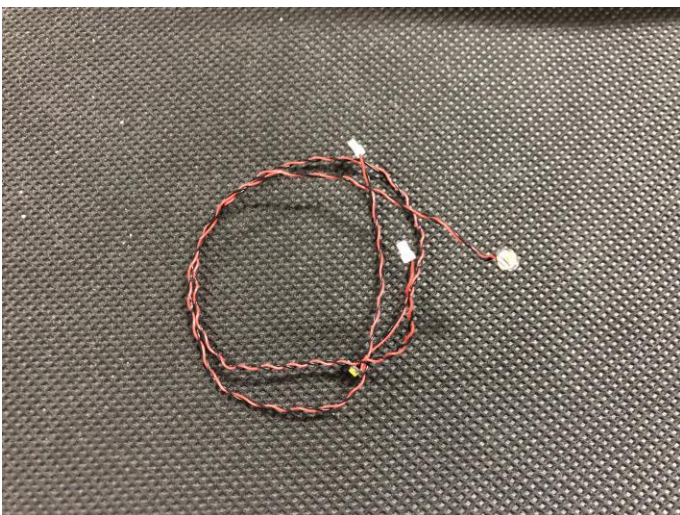


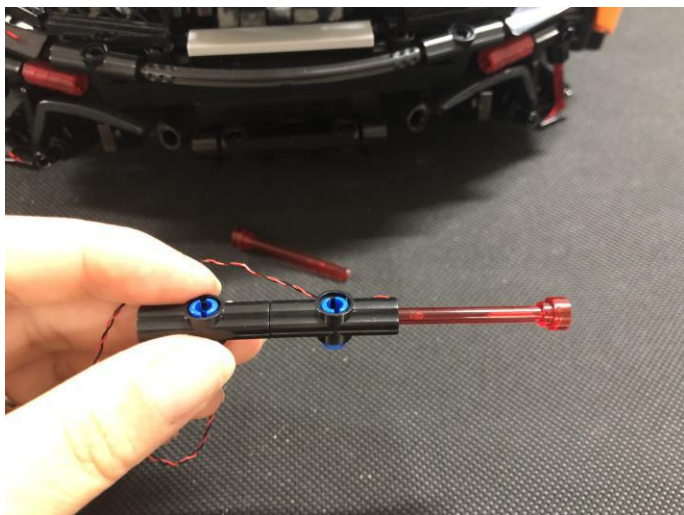


Take 2 warm white 15cm dot lights, repeat the previous steps to install them
Remove the following piece

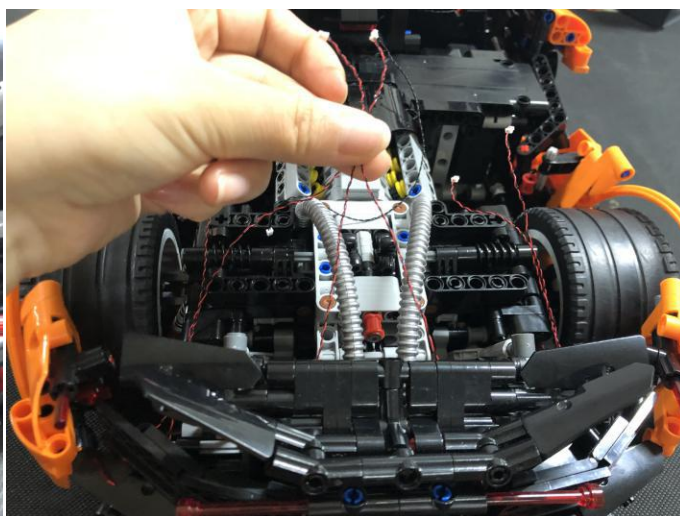
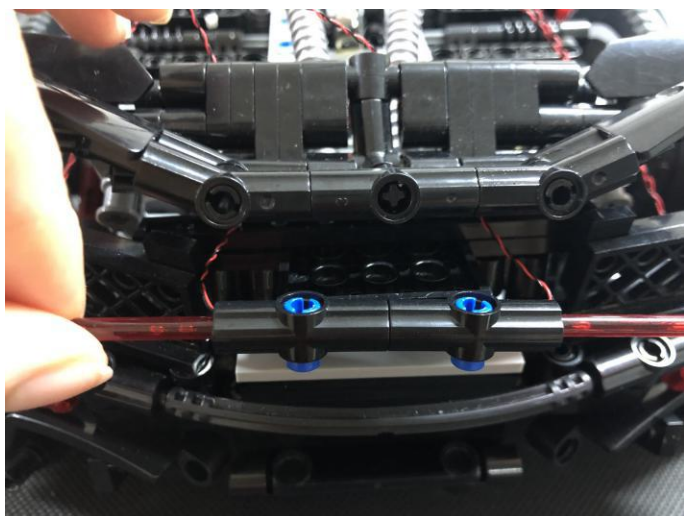


Take 2 warm white 15cm dot lights, with lighting part facing up, place it inside the following black piece, reconnect the red pieces at both sides





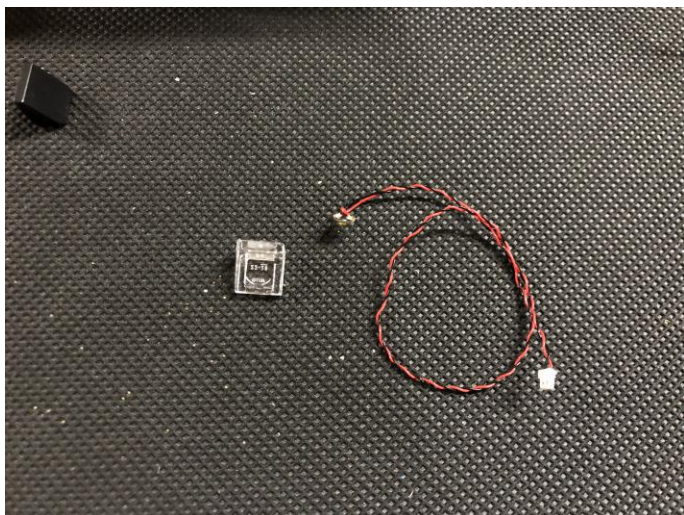
Reconnect the piece, pull the cables out



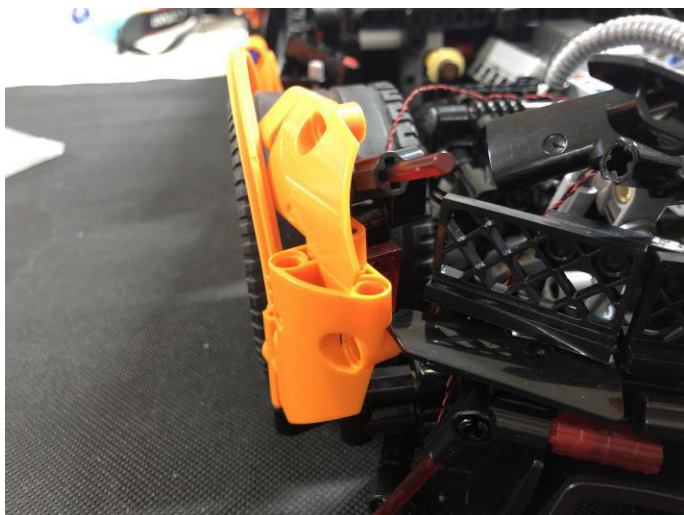
Remove the following piece



Take a warm white 15mc dot light, a trans slope brick, replace the black slope brick with the trans one as per below

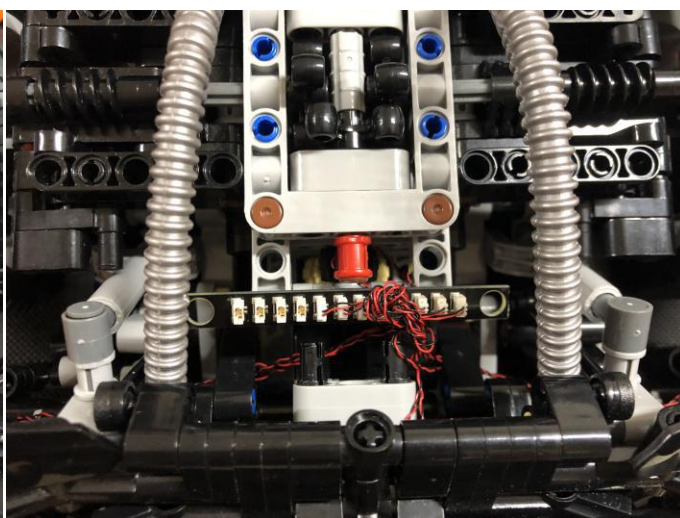
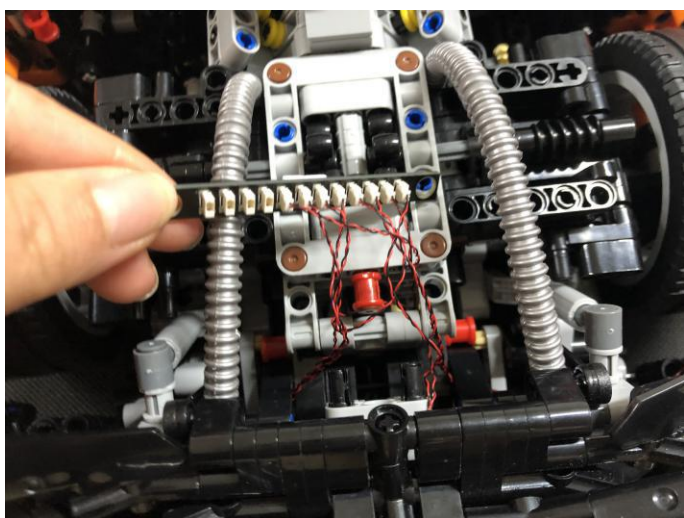
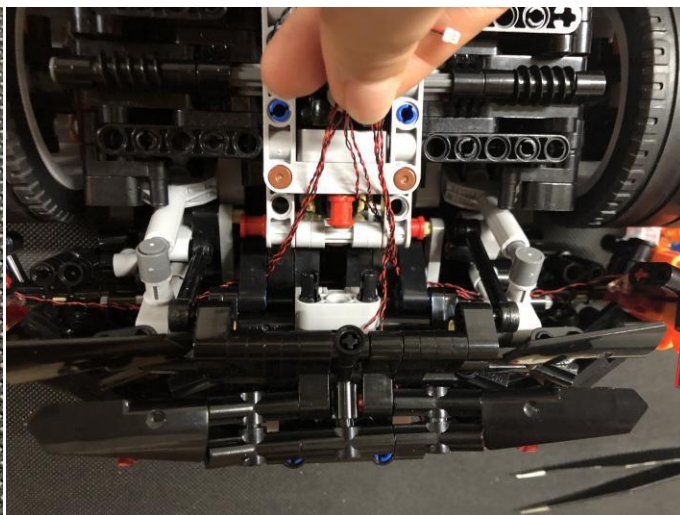


Reconnect the pieces we removed before

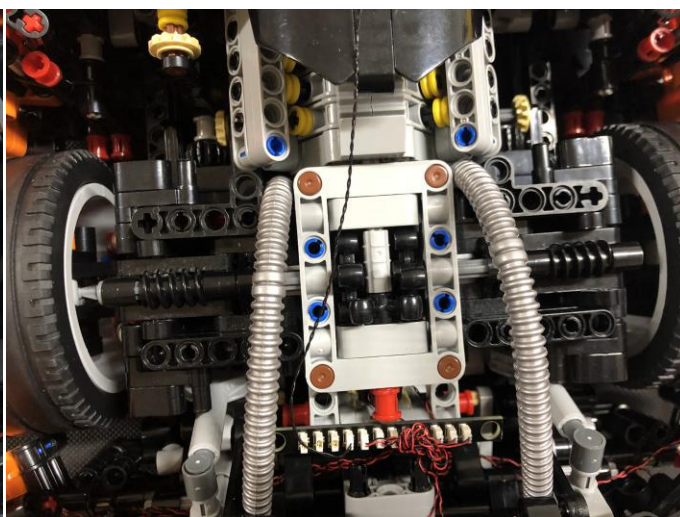
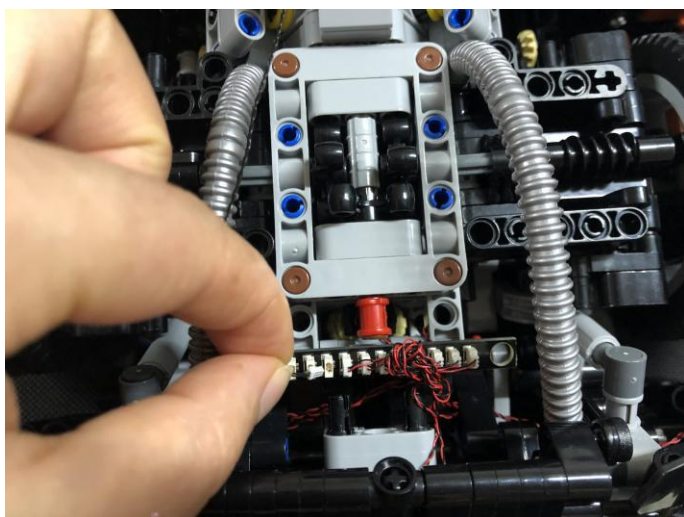


Take another warm white 15cm dot light, a trans slope brick, repeat the steps above to install the light

Take a 12-port expansion board, connect all 8 cables of the lights from the back to it, tuck excess cables as per below



Connect the following cable from the head of the car to the expansion board, reconnect the pieces





This completes installation of this LED Lighting Kit. ENJOY!

