

Corner Garage #10264 LED Lighting Kit

Package contents:

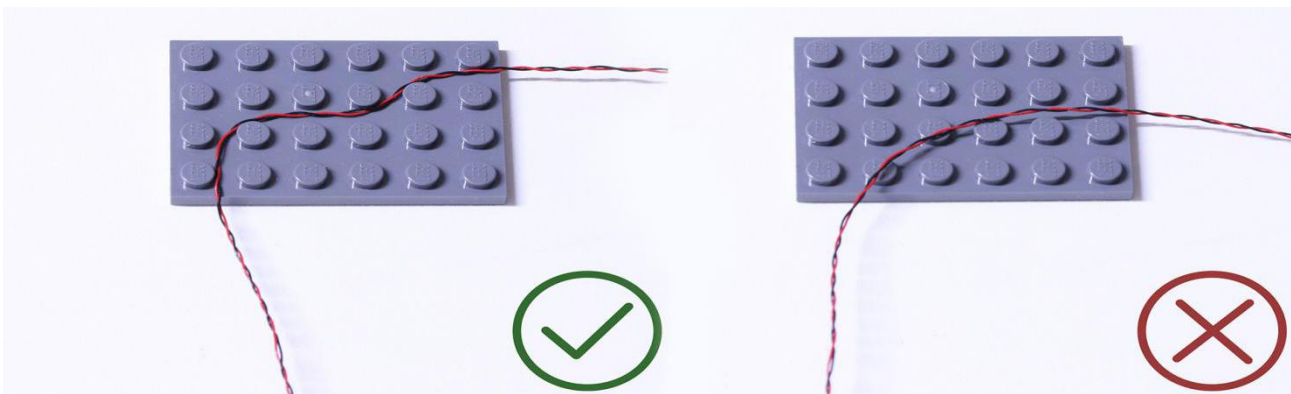
- 1 x 30cm White Dot Light
- 8 x 15cm White Dot Lights
- 1 x 15cm Multi Colour Flashing Dot Light
- 5 x 15cm Connecting Cables
- 2 x 30cm Connecting Cables
- 8 x Warm White Strip Lights
- 1 x 8-port Expansion Board
- 1 x Wireless Power Connector
- 1 x Round Coin Cell Battery Pack
- 1 x USB Power Function Cable
- 1 x Street Lamp (with light installed)

Extra LEGO pieces

Note:

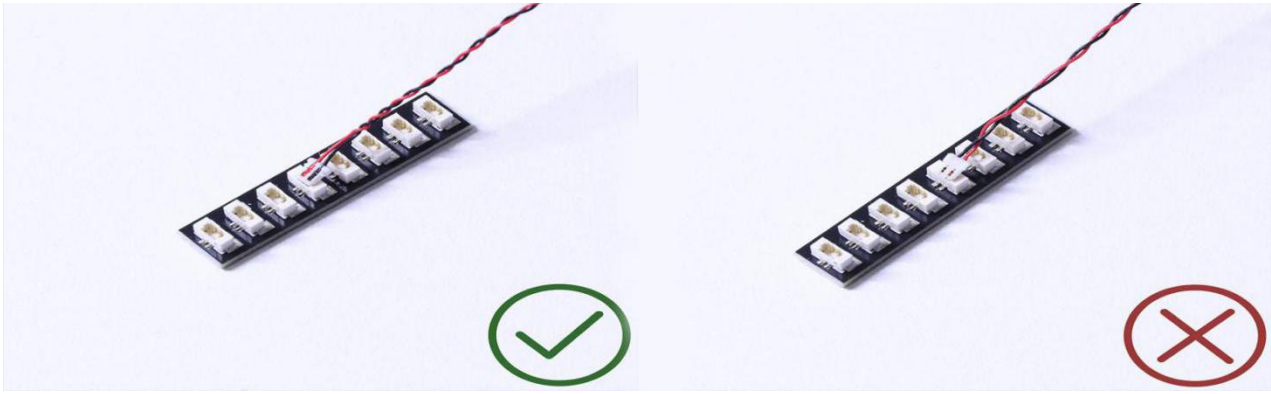
Place wires on the surface or under the LEGO building blocks.

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

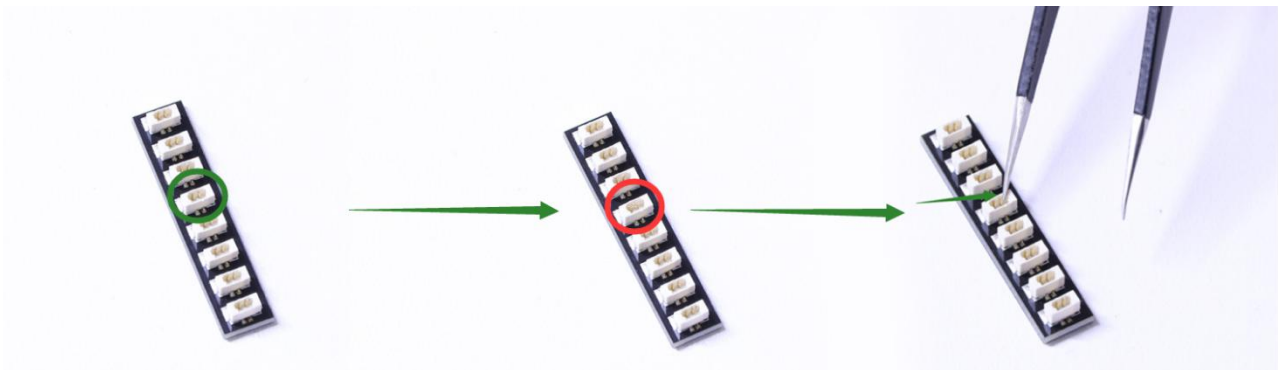


Insert the connectors to the ports.

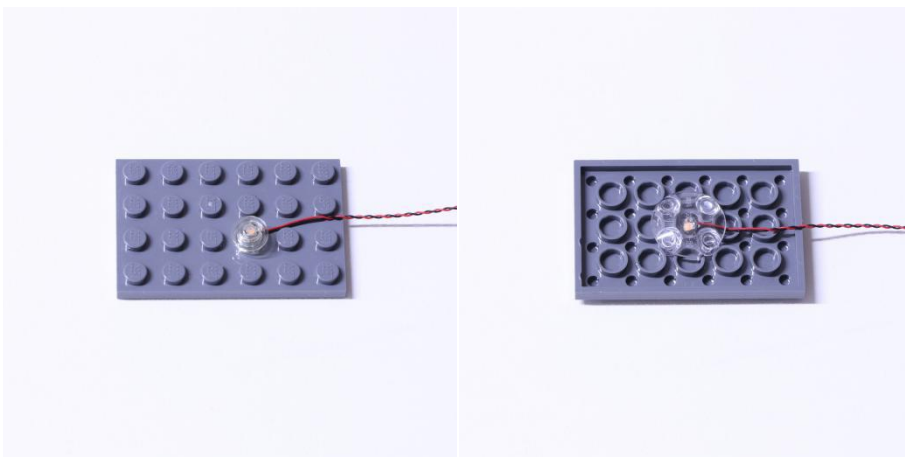
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop,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

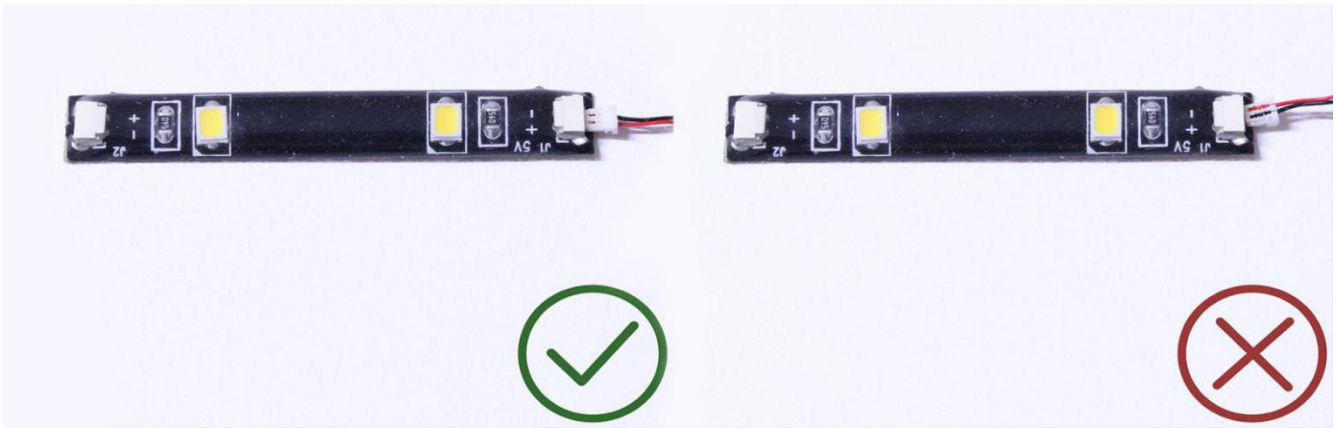


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

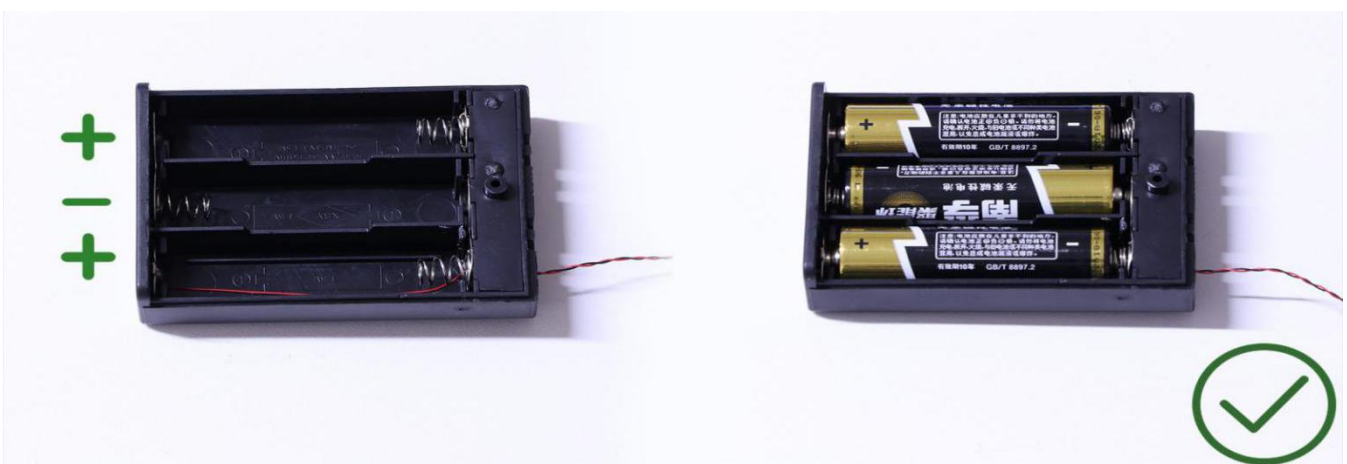


Connecting cable connectors to Strip Lights

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.



OK, Let's Begin!

Instructions for installing this kit

Start from installing lights for the car



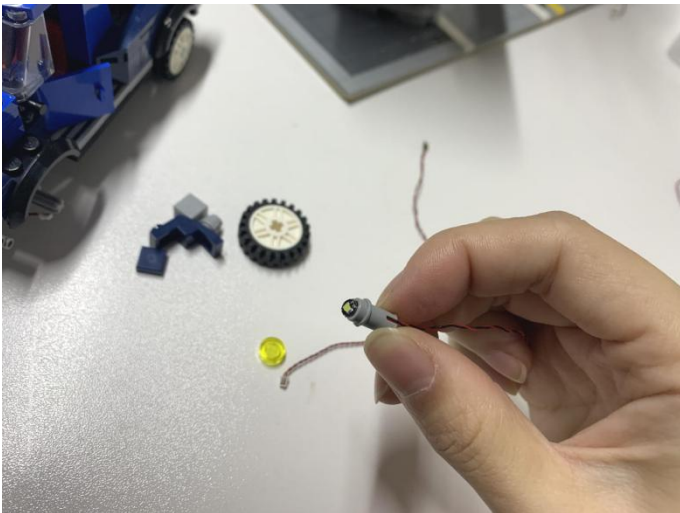
Take two 15cm white Dot Lights, 2 trans yellow 1x1 round plates



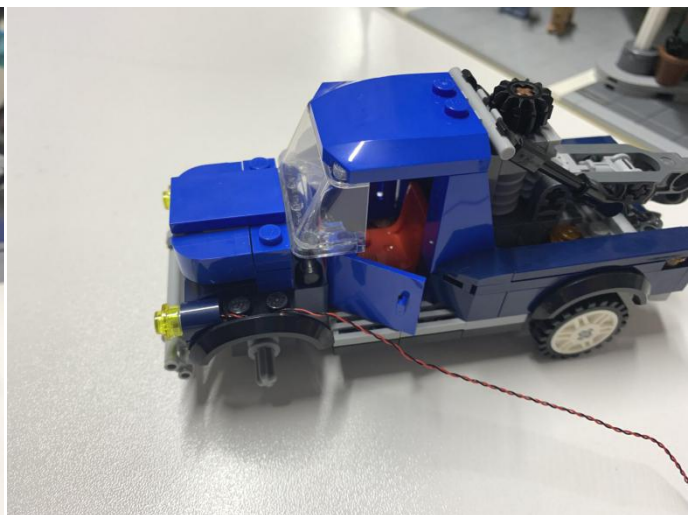
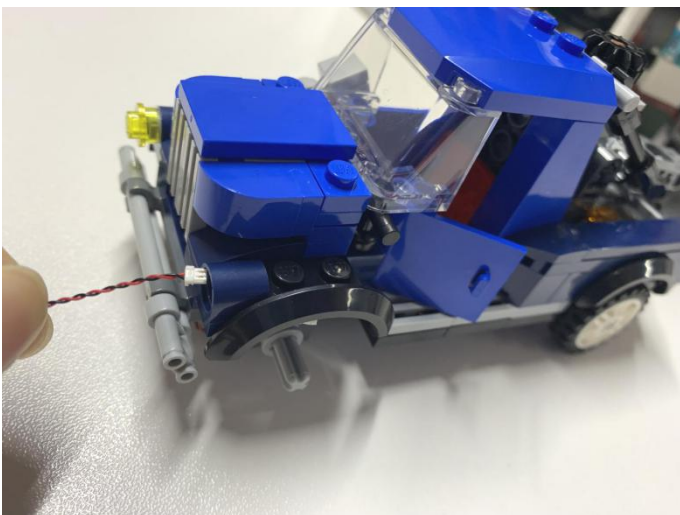
Remove the following pieces from right side of the car



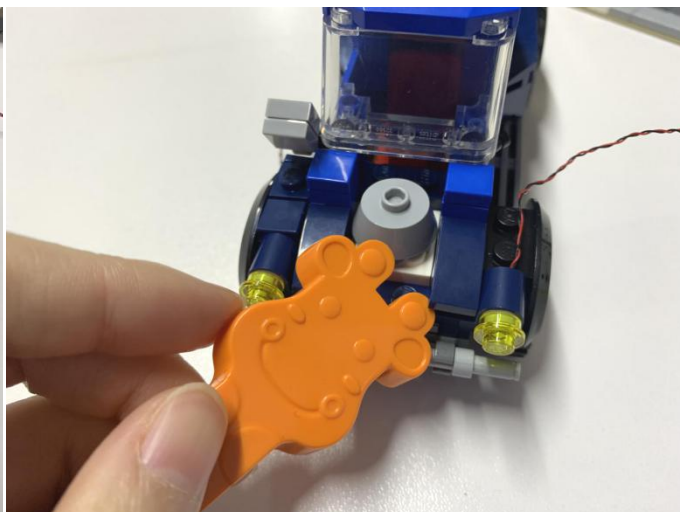
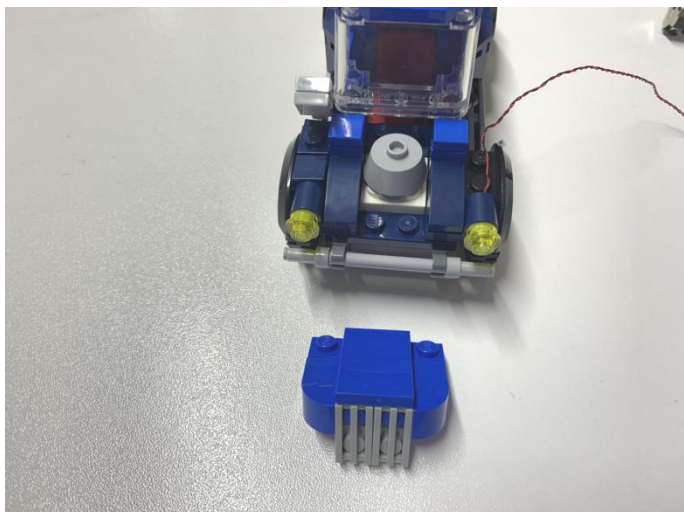
Assemble a Dot Light as per below, replace the plate with the plate from the kit



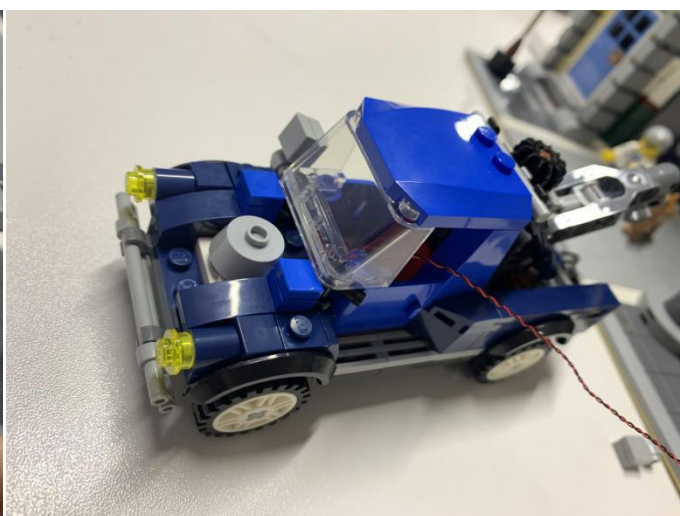
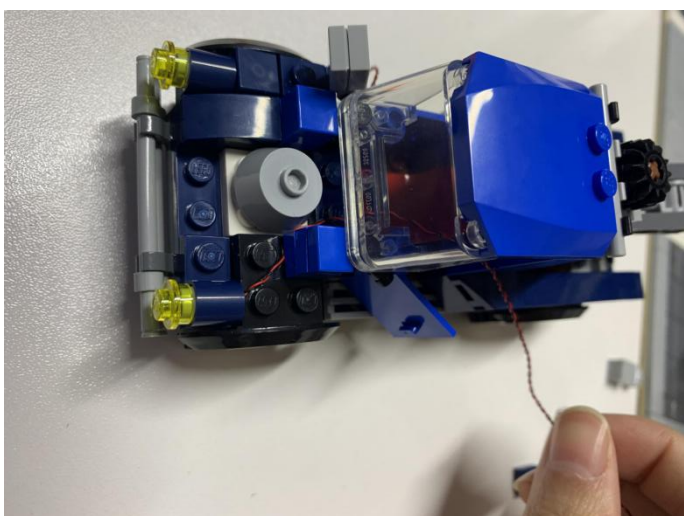
Thread the connector through the following gap



Remove the head section of the car



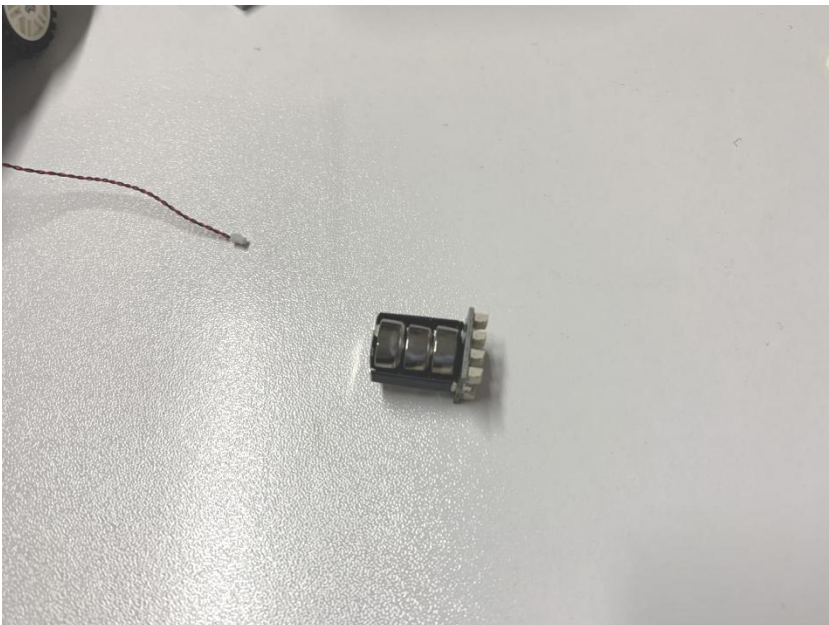
Thread the cable of the light through the gap to the inside of the cab, reconnect the head section, ensure the cable is placed underneath in between studs



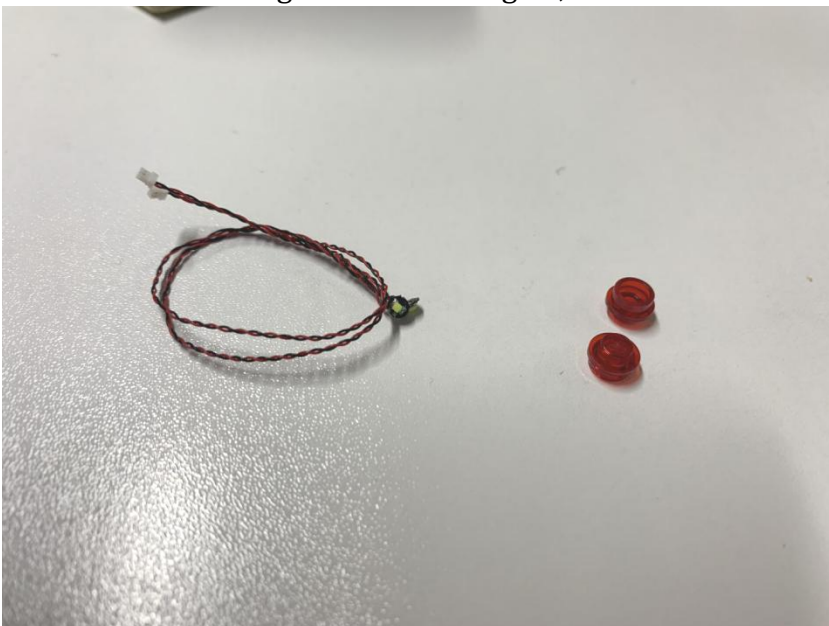
Repeat the above steps to install the headlight at the left side



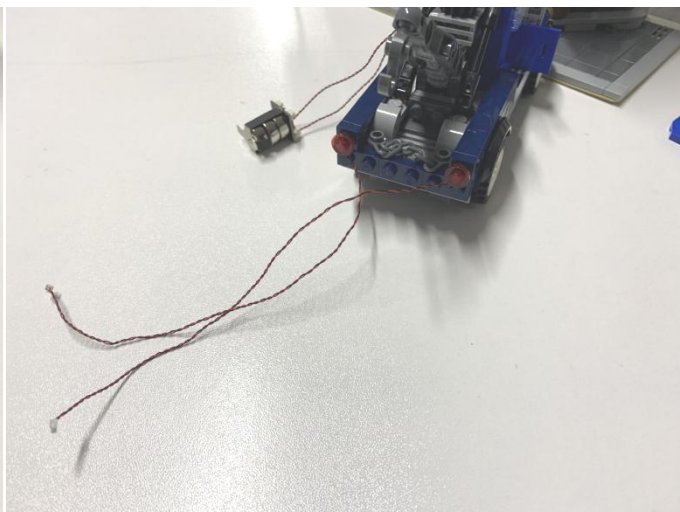
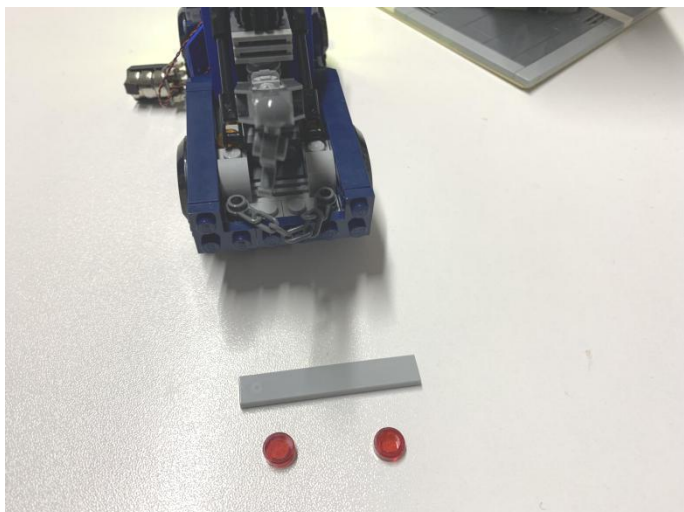
Take the **Round Coin Cell Battery Pack**, connect the cables of the lights to it, now, you can turn the battery on to test the current



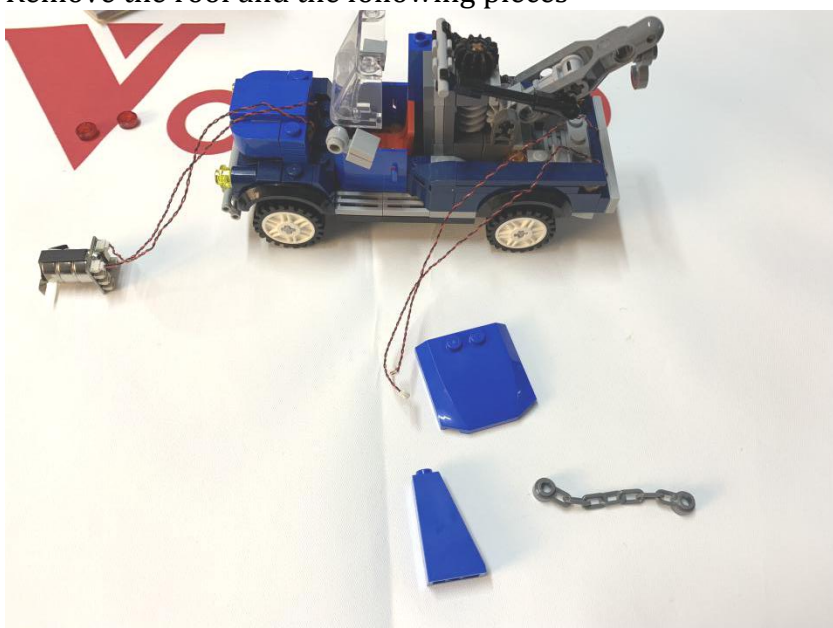
Continue to install lights for the taillights, take 2 white 15cm Dot Lights, 2 trans red 1x1 round plates



Remove the pieces at the back of the car, connect the 2 Dot Lights as per below



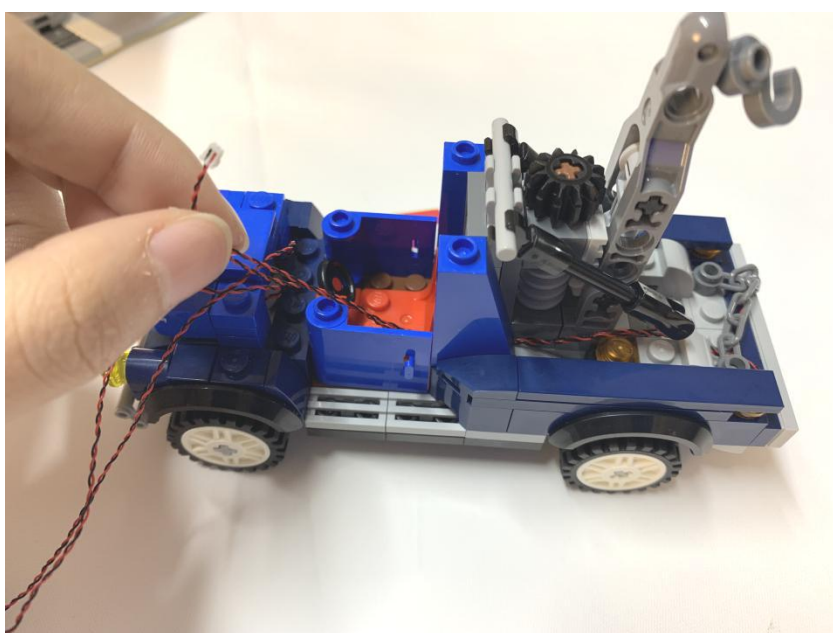
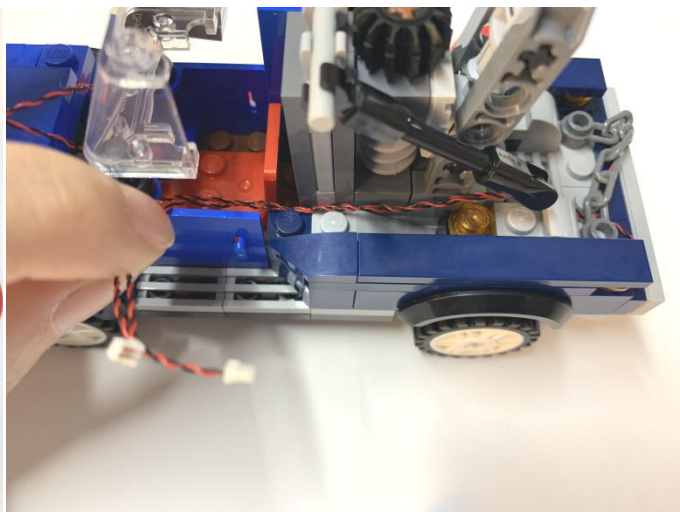
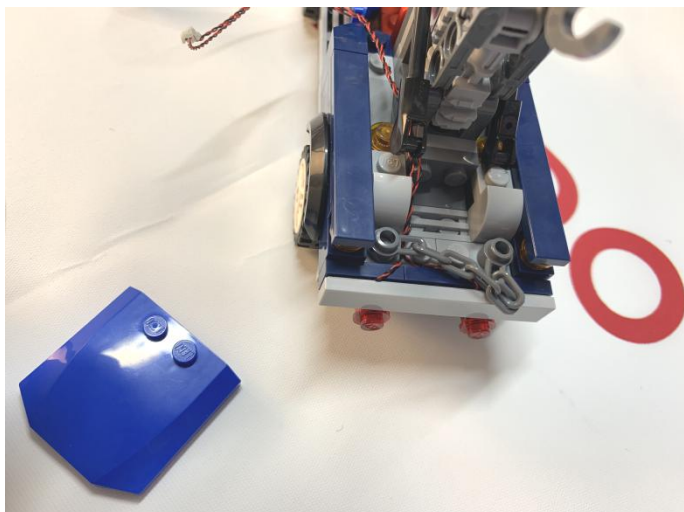
Remove the roof and the following pieces



Group the 2 cables of the taillights together



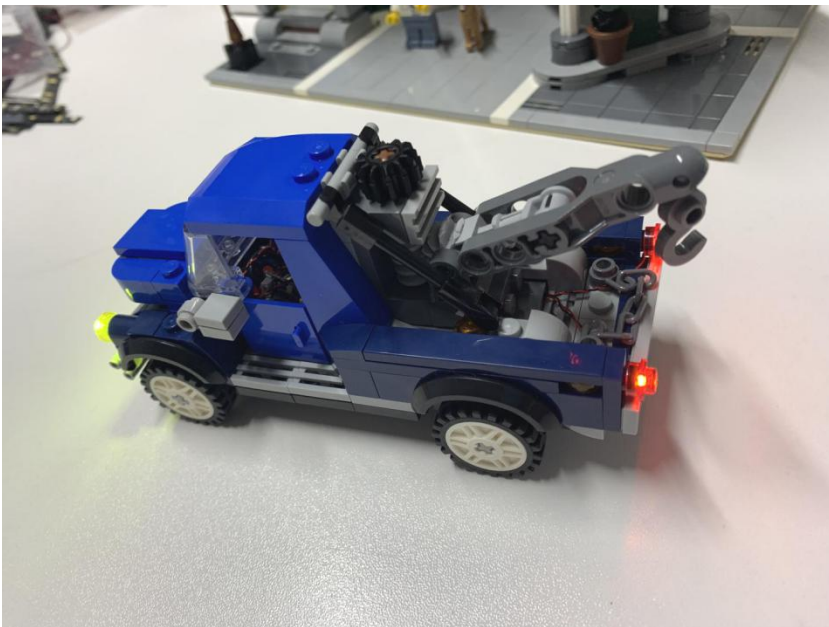
Pull the lights along the side into the cab, reconnect the pieces we removed earlier. Ensure you place the cables underneath in between studs



Connect all cables of the lights to the battery pack, tuck excess cables around it before reconnecting the roof



This completes installation lights of the car, turn the battery pack on to make sure all lights are working OK



Then, we'll move onto installing lights for the building



Let's start from the first floor



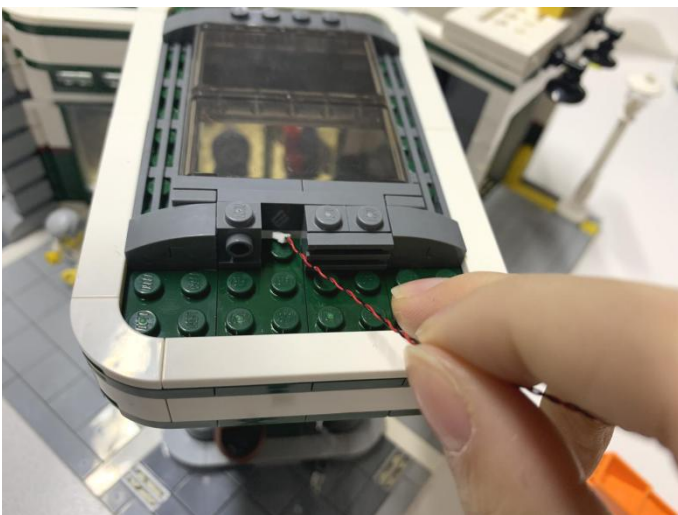
Take a 15cm Multi Colour Flashing Dot Light



Remove the ad board and the pieces under it



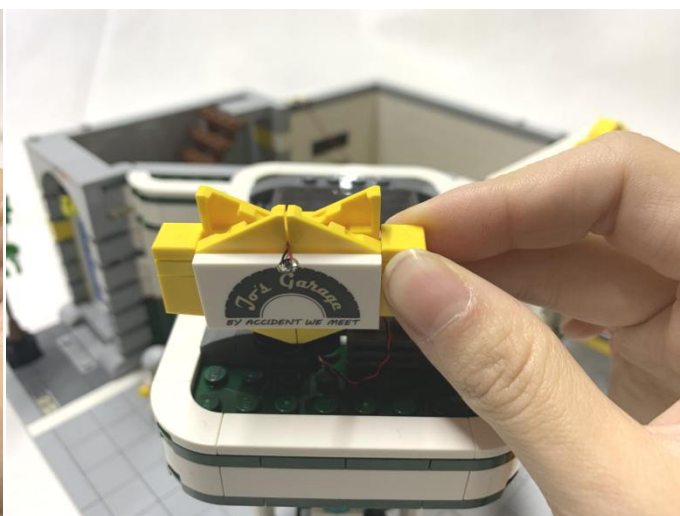
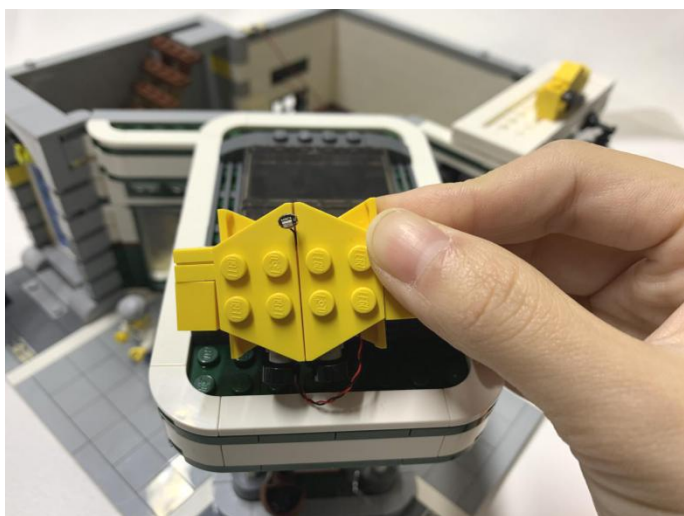
Thread the connector of the Dot Light through the hole



Disassemble the ad board to allow the light thread through the gap of the ad board



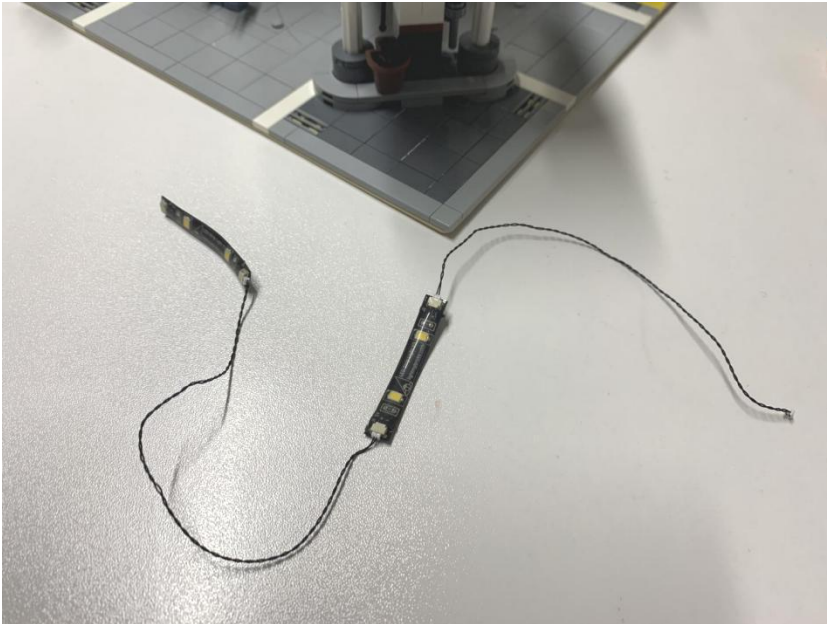
Secure the light as per below, ensure the lighting part is facing down so that it can light the board



Reconnect the ad board



Take 2 warm white strip lights, two 15cm connecting cables, assemble them as per below



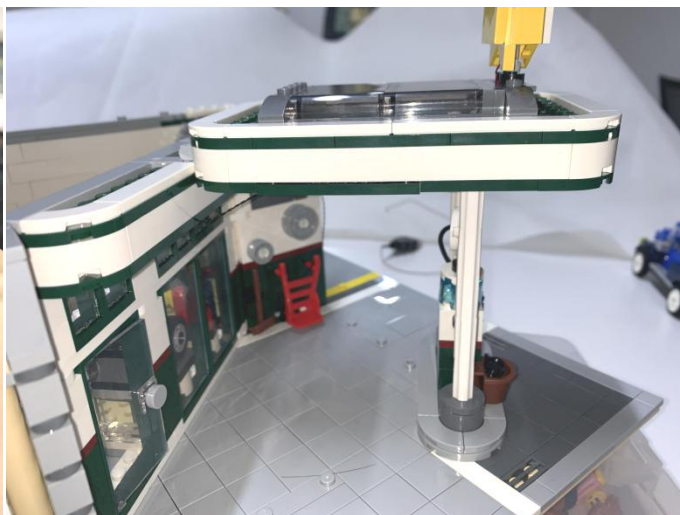
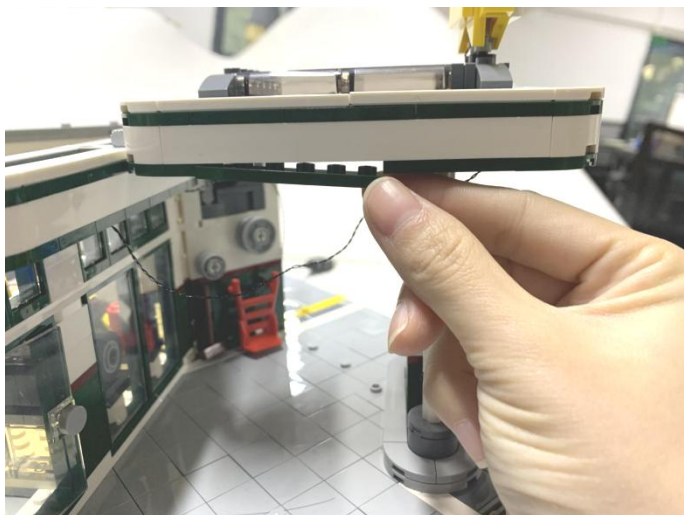
Connect the 15cm Multi Colour Flashing Dot Light to the port on the strip, stick the strip in between the following two posts



Stick the other strip inside the house underneath the roof



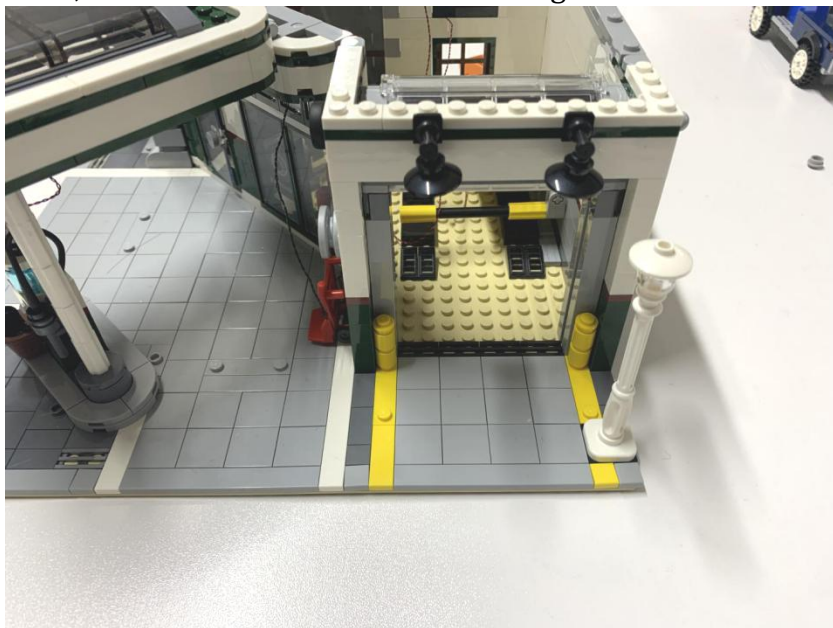
Tuck excess cables in between studs underneath the plates of the roof



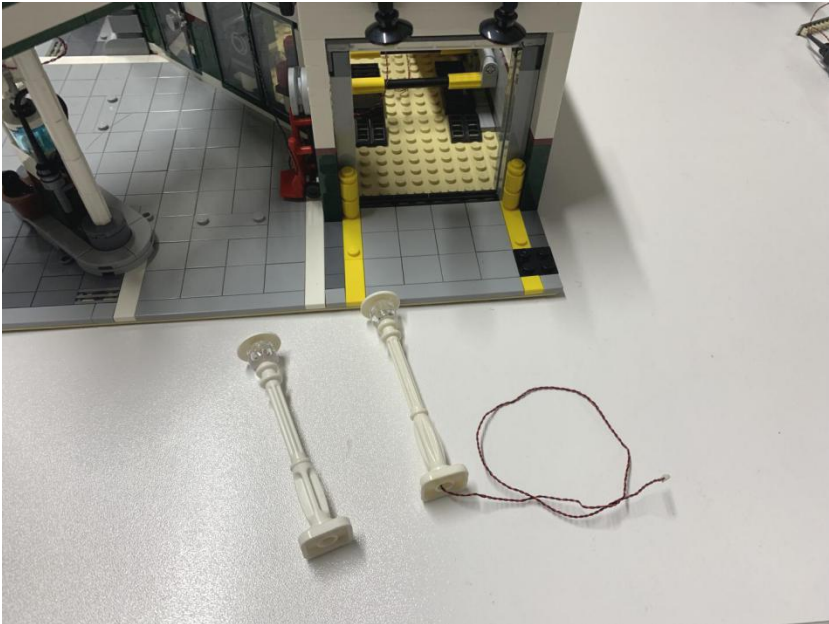
Then, you can connect the cable to the power to check if the lights are working well



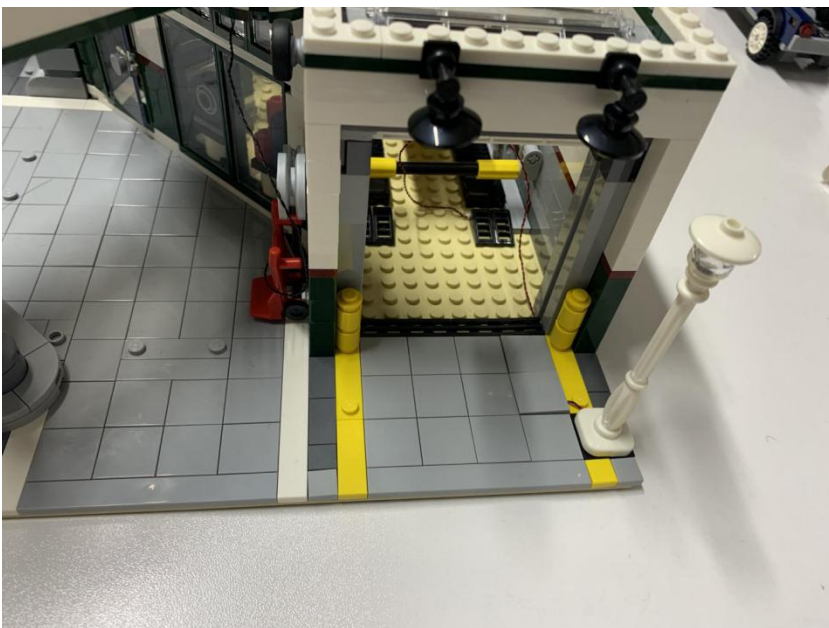
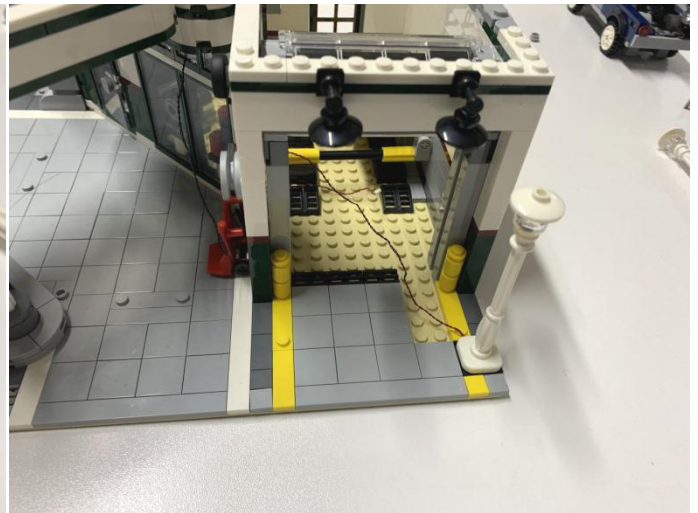
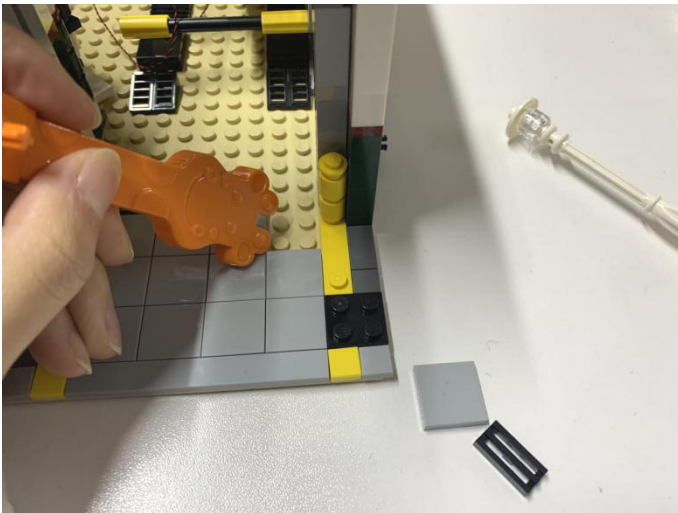
Then, turn to another side of the building



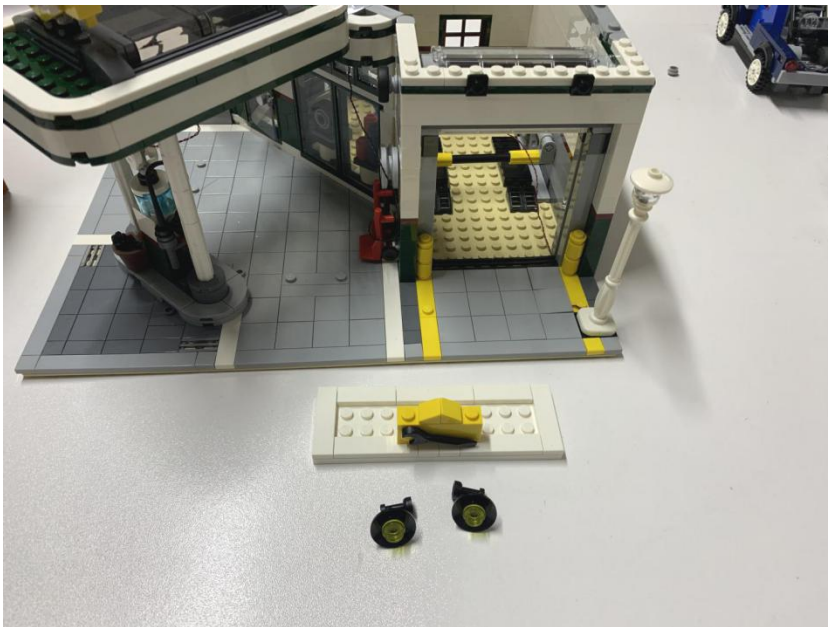
Remove the street lamp, replace it with the one from our kit



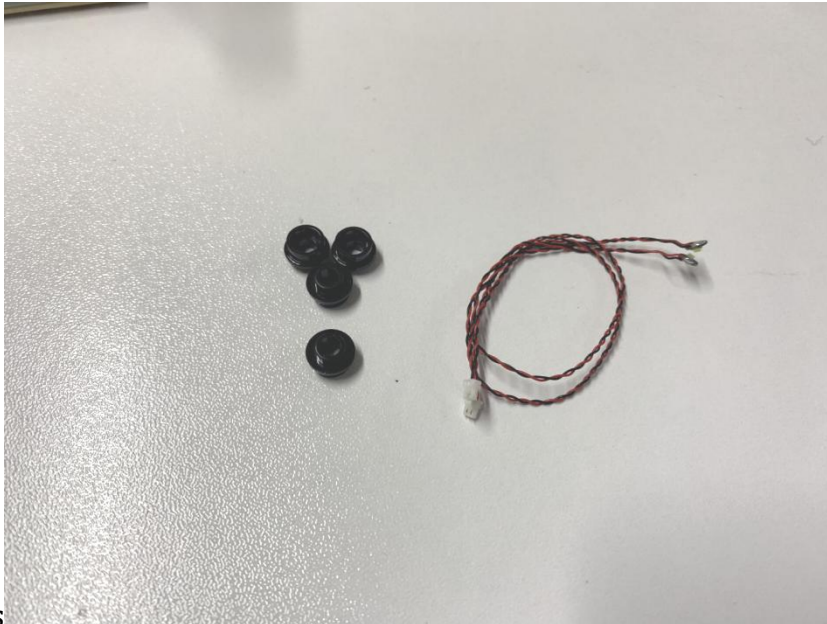
Remove the base plates beside the lamp, place the cable in between studs



Remove the lamps from roof, then, remove the roof

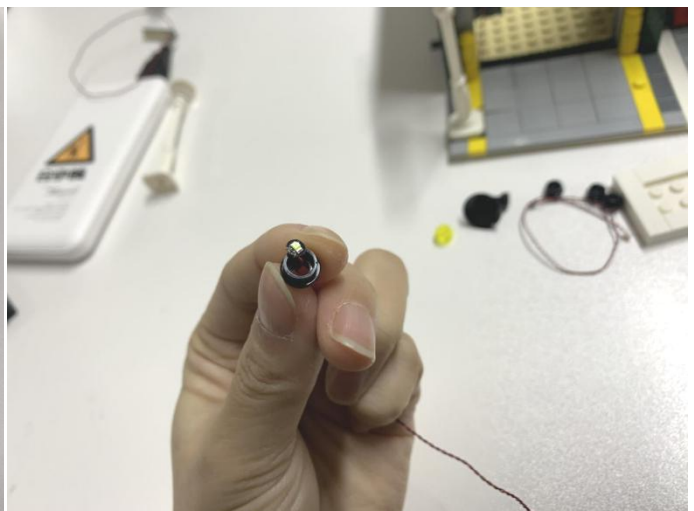


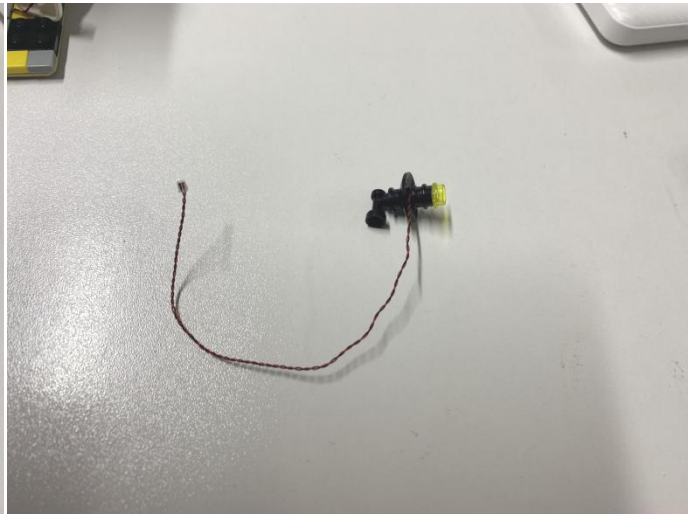
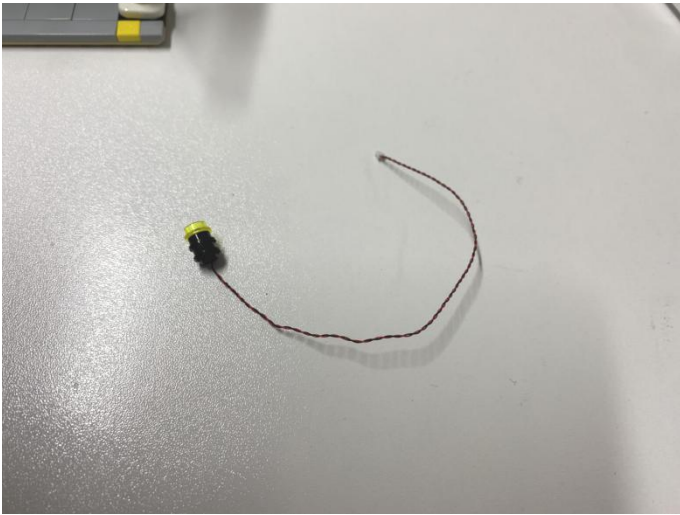
Take 2 white 15cm Dot Lights, 4 black round plates with



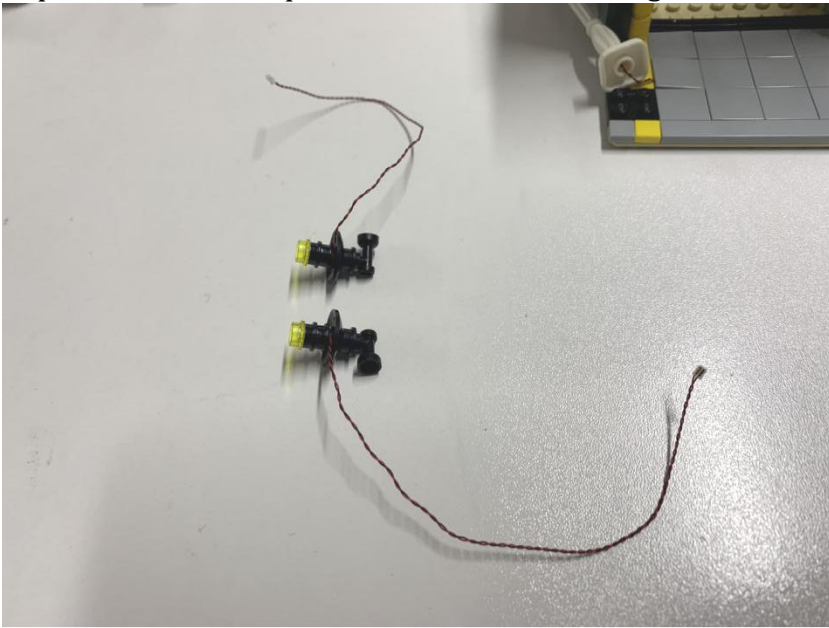
holes

Disassemble the lamp, take a Dot Light, thread its connector through the hole on the round plate. Connect the black round plate and the trans yellow piece over it, secure a 2x2 round plate at the other end

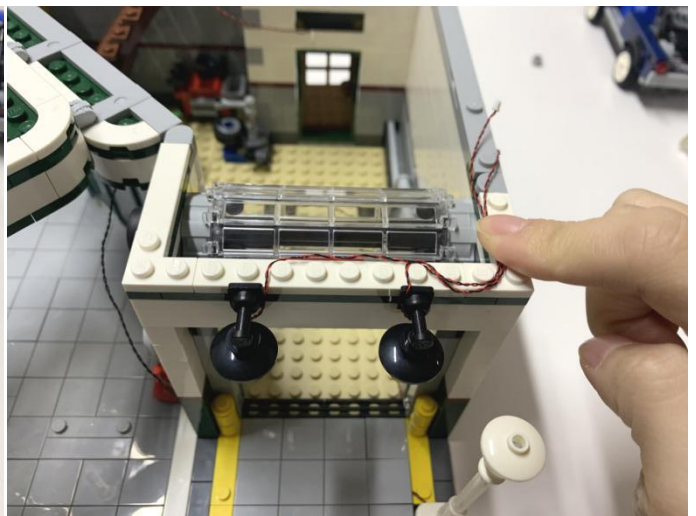
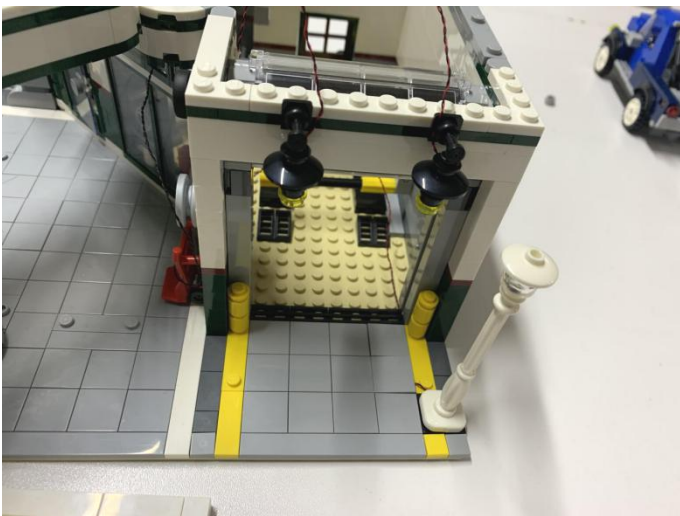


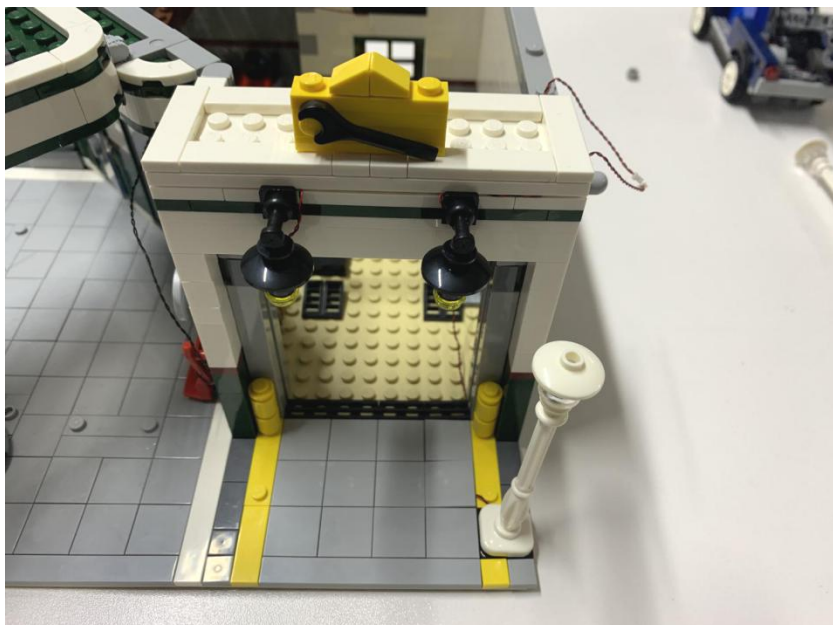


Repeat the above steps to install another Dot Light



Reconnect the lamp, place the cable in between studs before reconnecting the plates. Note: hide the cable underneath the plates.

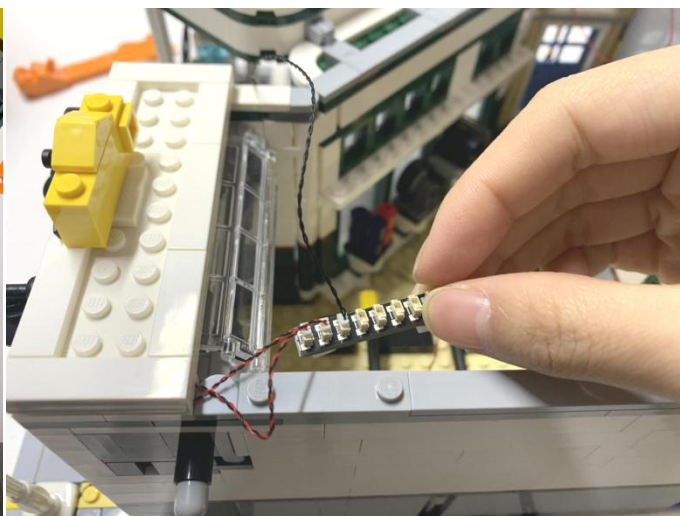




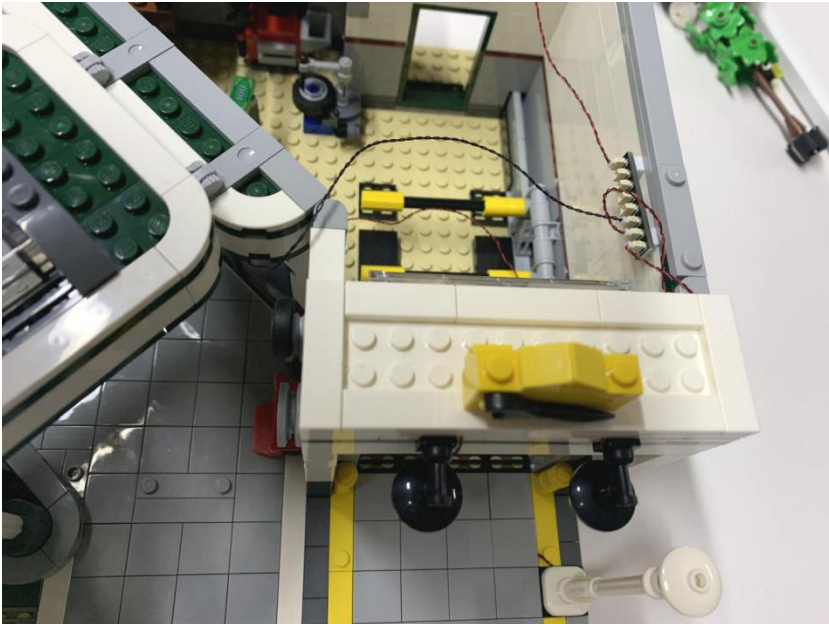
Take a 8-port expansion board, stick tapes at both sides



Connect connectors of lights and the 15cm connecting cable from the strip to the expansion board



Stick the expansion board, at the right side of the wall. Note: place it away from the door



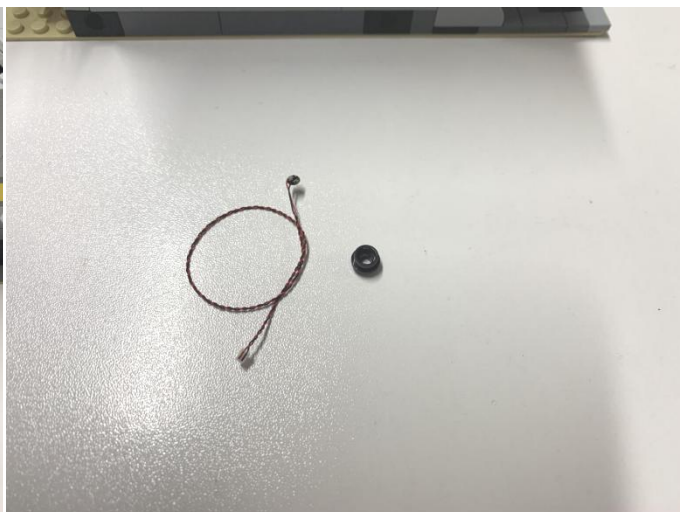
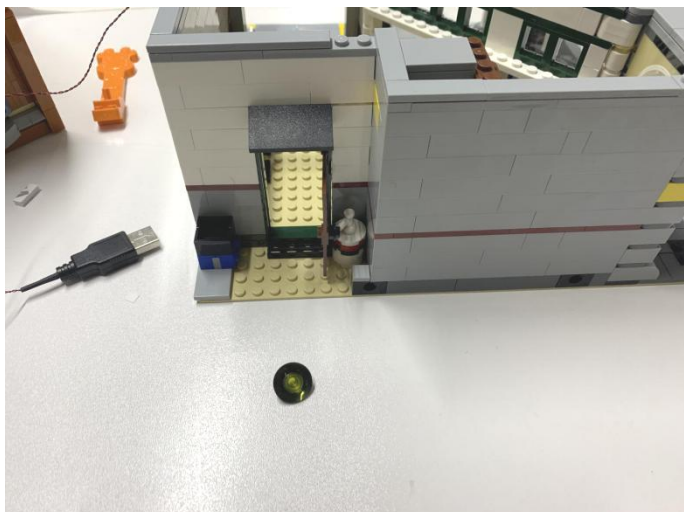
Take the USB power function cable, connect it to the 8-port expansion board, pull the USB cable to the back of the building, secure it by connecting the plate over



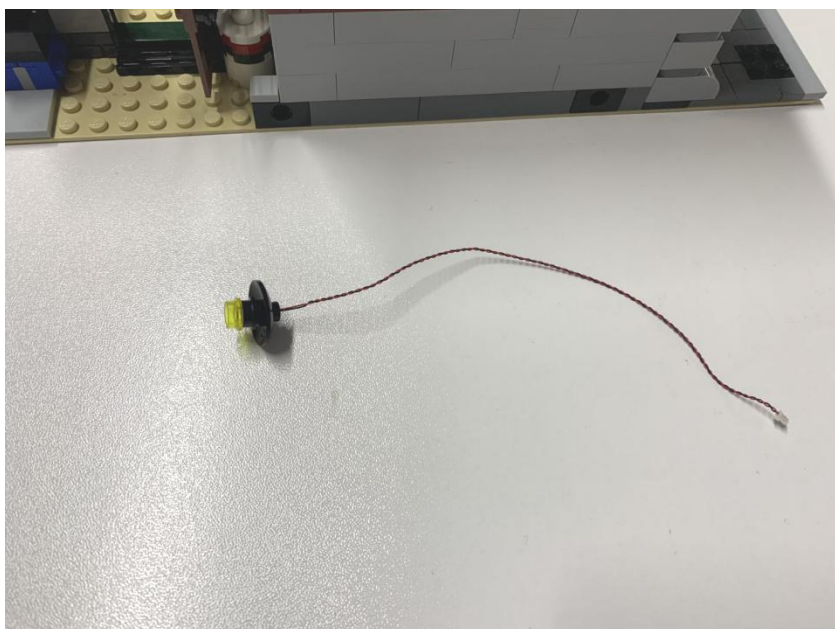
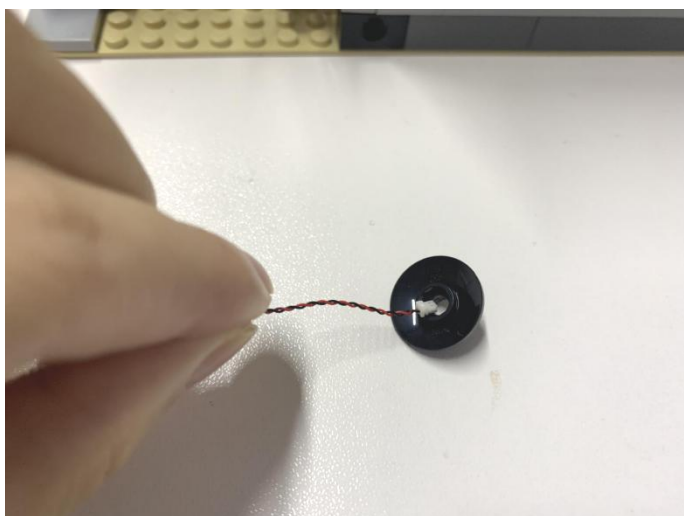
Turn the power on to test the current



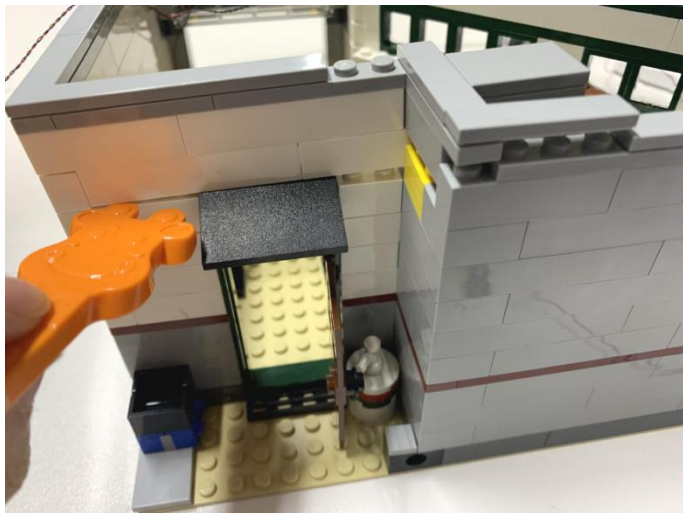
Turn to the back of the building, remove the light at the back door. Take a white 15cm Dot Light, a black round plate with hole



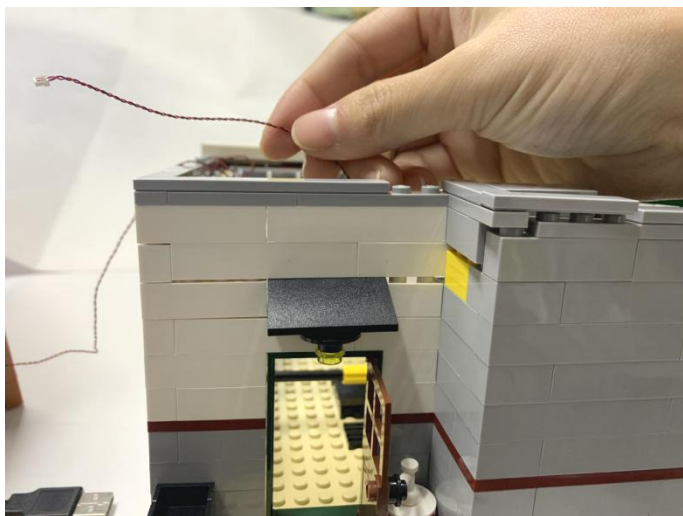
Assemble them as per below, then, connect the black round plate and the yellow round plate to it



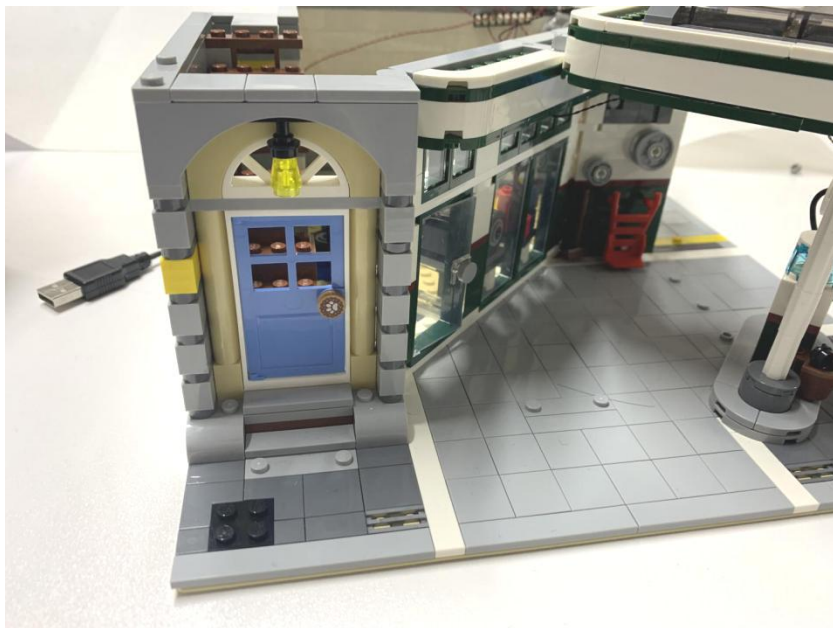
Make a gap between the roof of the back door and the wall, thread the connector through the gap to the inside of the building.



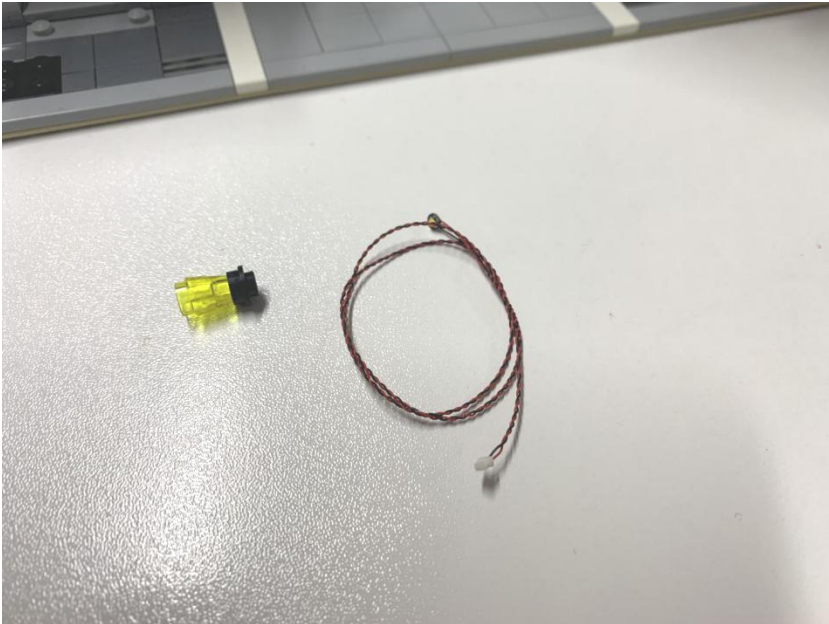
Reconnect the lamp at the back door and the gap, connect the cable to the 8-port expansion board



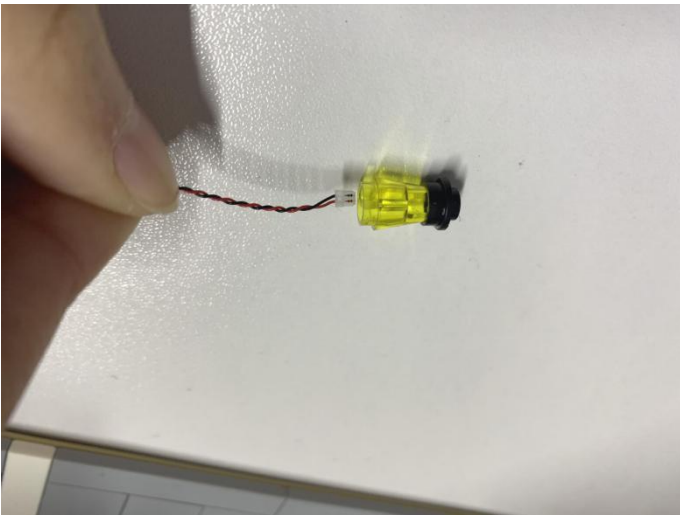
Turn to the side door



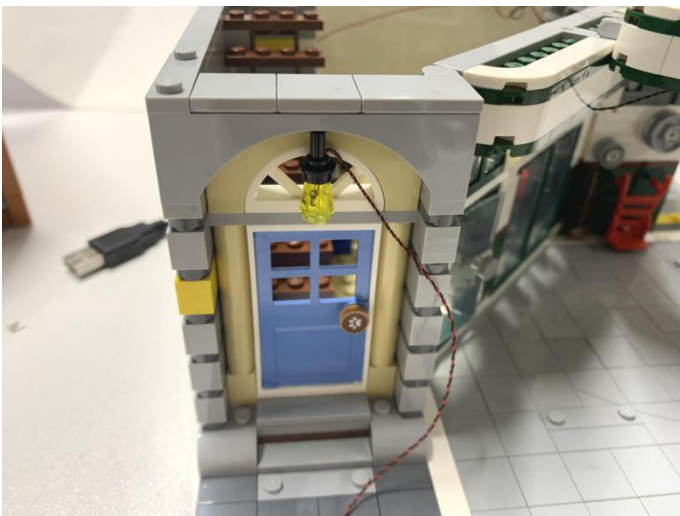
Take a white 30cm Dot Light, remove the lamp from the door



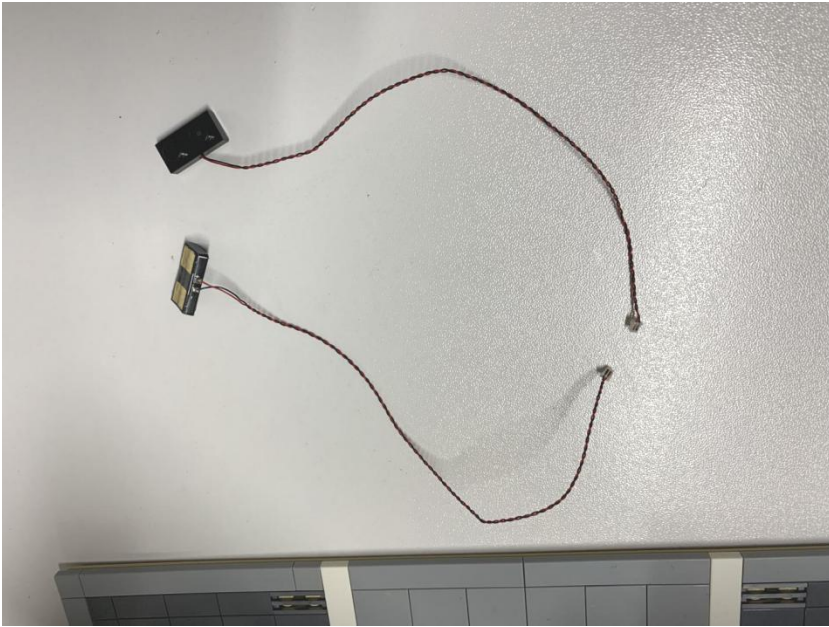
Thread the light through the hole, pull till the light is placed inside the trans piece



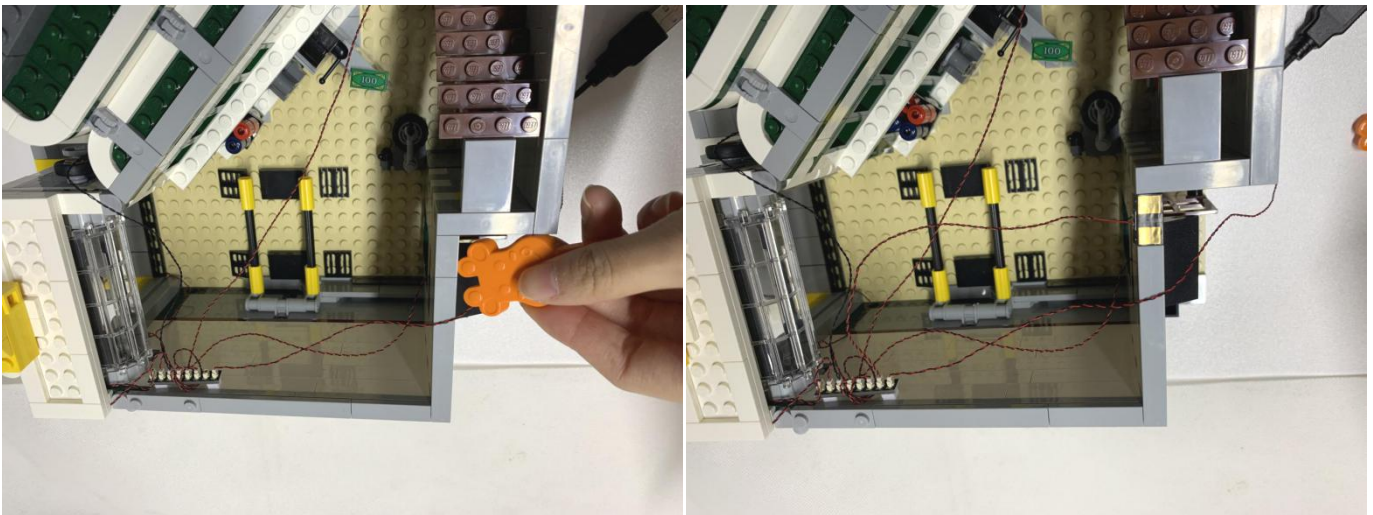
Reconnect the lamp to the door, connect its connector to the 8-port expansion board. Tuck excess cable around the expansion board.



Take the Wireless Power Connector



Remove the 1x2 gray plate from the back door to install the Wireless Power Connector, pull its cable to the inside of the building and connect it to the 8-port expansion board

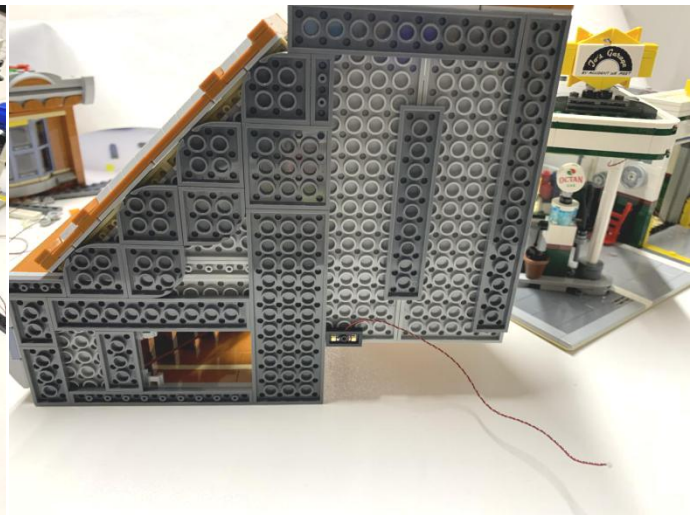
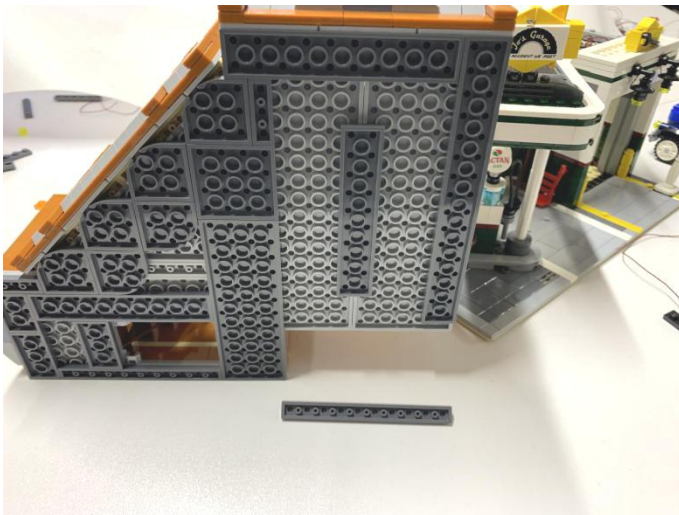


Now, we complete installation for the lights at the first floor. We'll move onto installing lights at the second floor

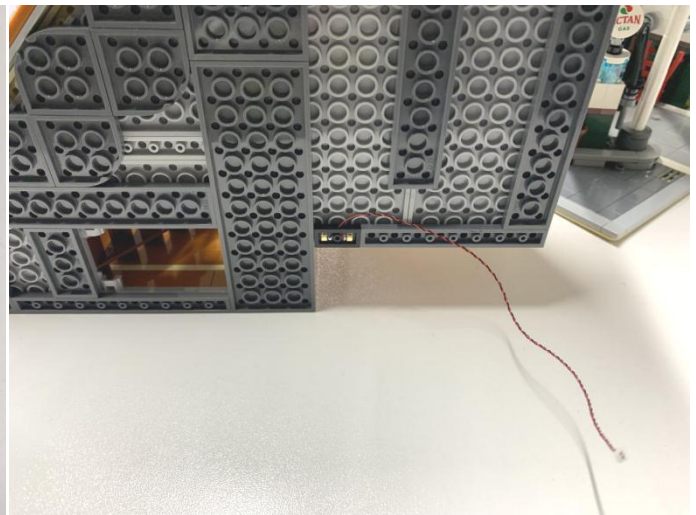
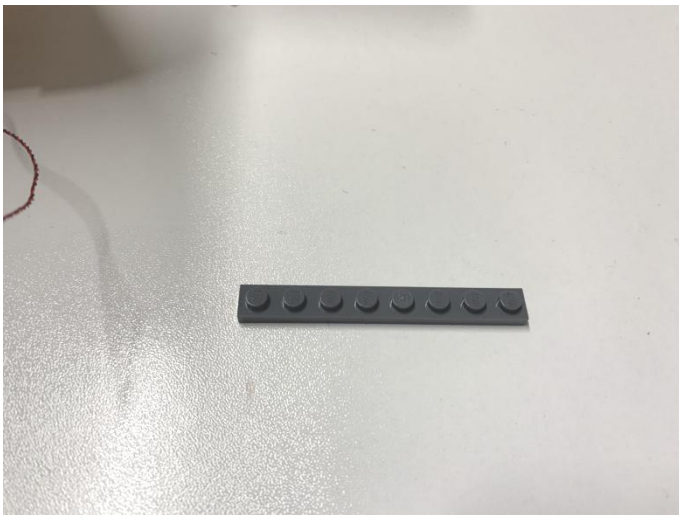


Turn the second floor over. Remove the 1x10 mental plate from the back, connect the other Wireless Power Connector to the following place. Note: pull both cables to the inside of the building. To avoid

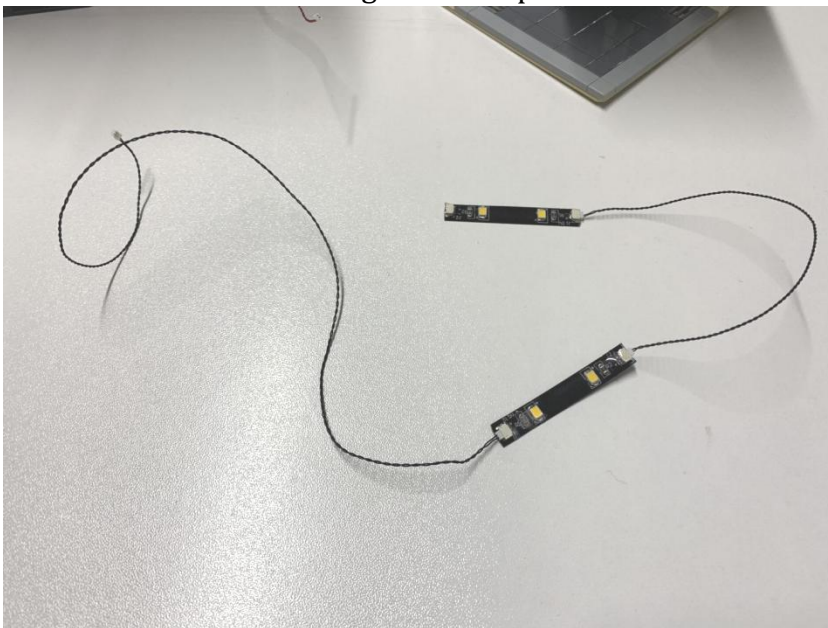
bad contact, raise the pins of the connector up.



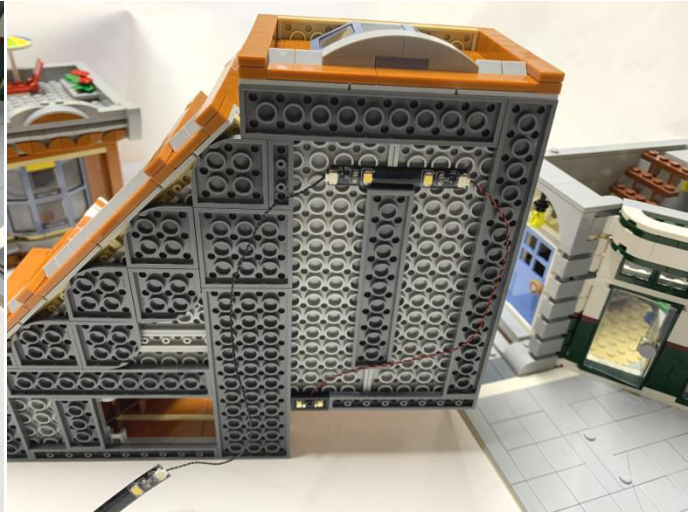
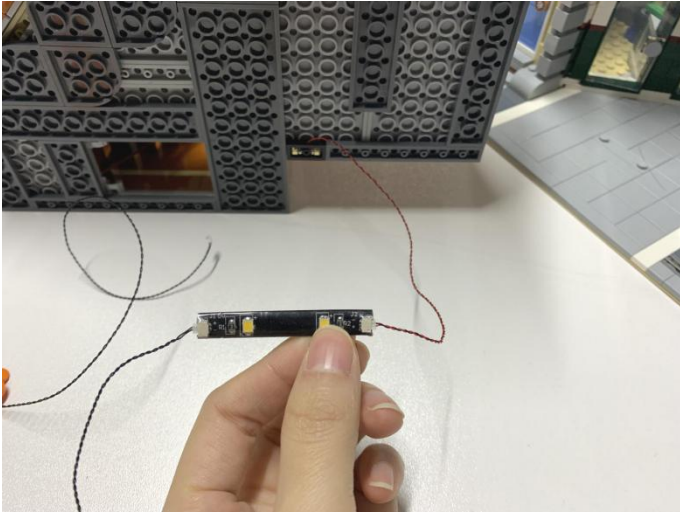
Take a dark gray 1x8 plate, connect it to the following place



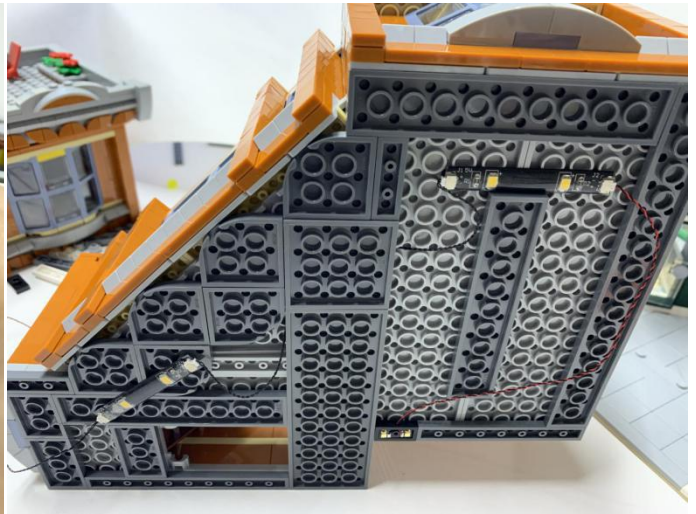
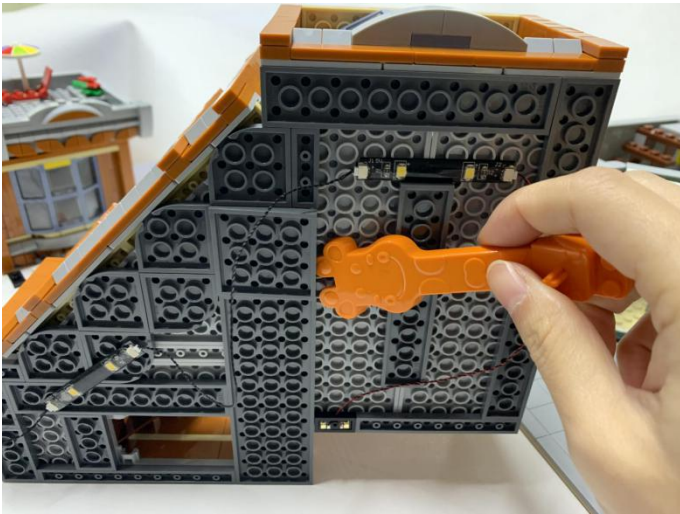
Take 2 warm white strip lights, a 15cm connecting cable, assemble them together as per below.
Connect a 30cm connecting to the strip



Connect the left port of the strip to the Wireless Power Connector, stick the strip to the following position



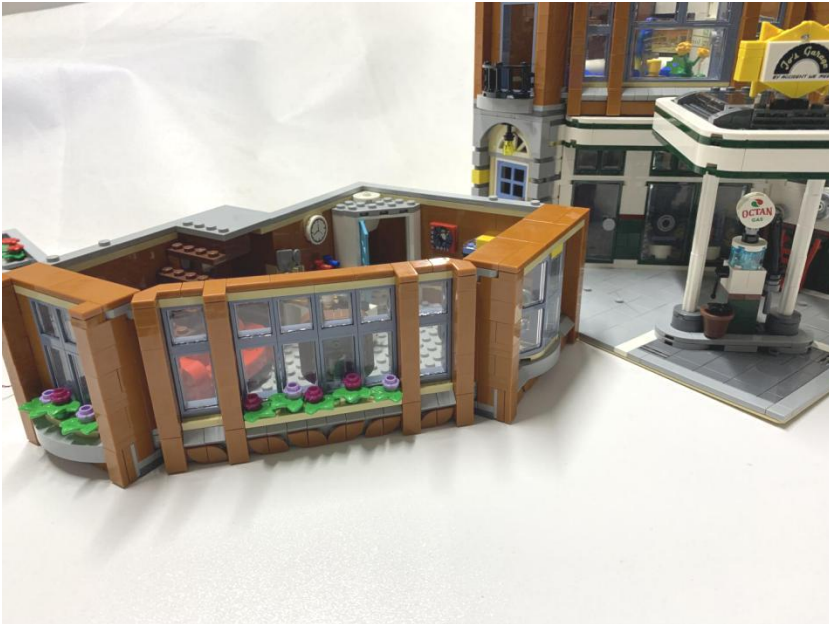
Stick the other strip to the following position, place the cable underneath the plates



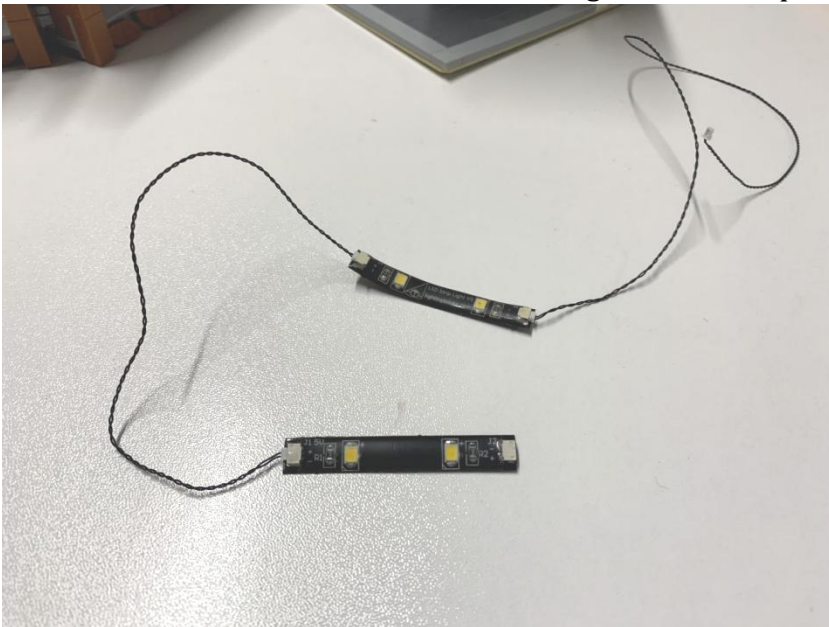
Reconnect the second floor over the first floor, thread the 30cm connecting cable through the stairs to the second floor. Leave no space between the 2 floors, and Raise the pins of the connector up to ensure the current is working well,



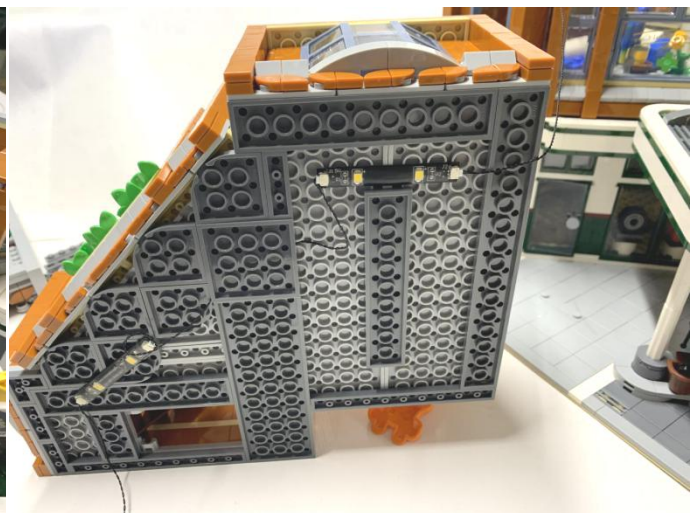
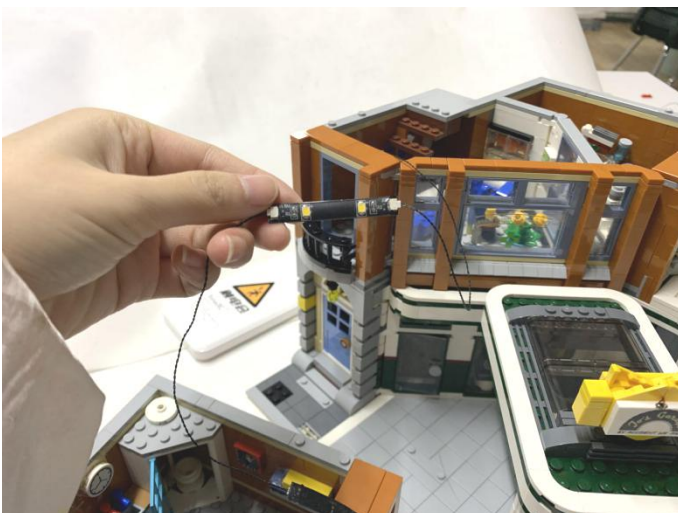
Continue to install lights at the third floor



Take two warm white strip lights, assemble them together by connecting a 15cm connecting cable between them. Connect a 30cm connecting cable to one port of the strip



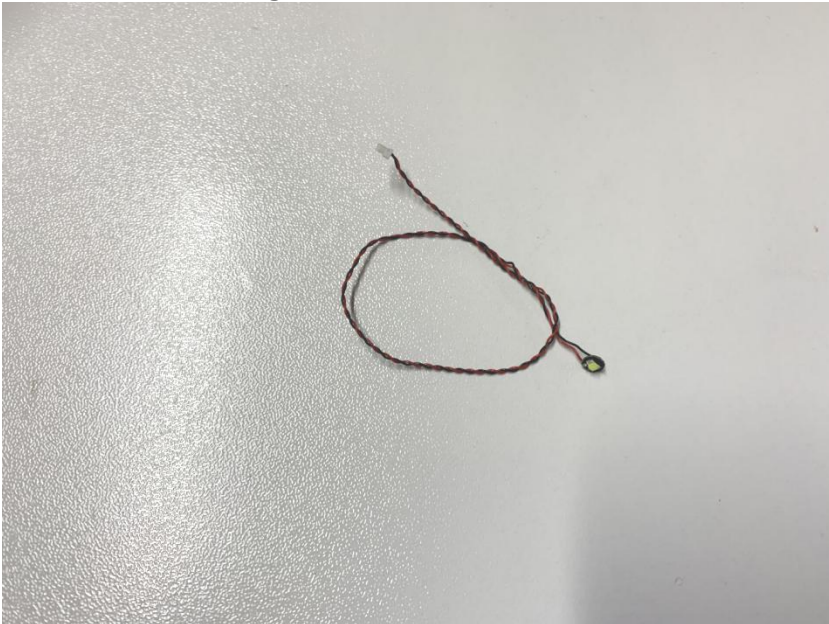
Connect the 30cm connecting cable we thread to the second floor before to the left port of the strip. Connect the strips to the third floor as we did before. Thread the 30cm connecting cable through to the third floor



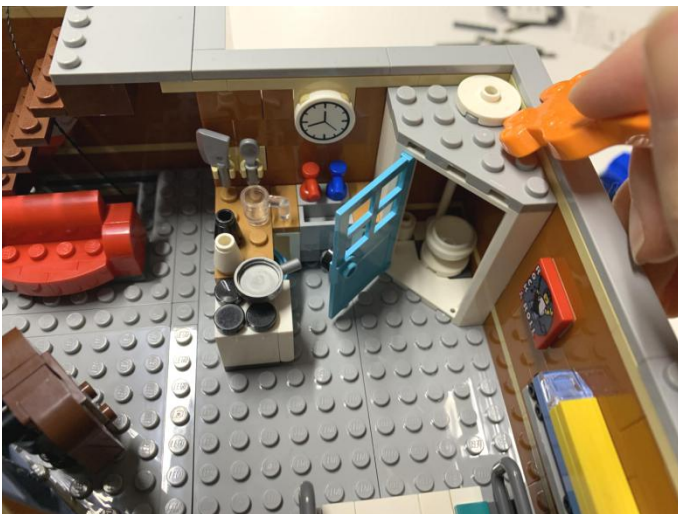
Reconnect the third floor



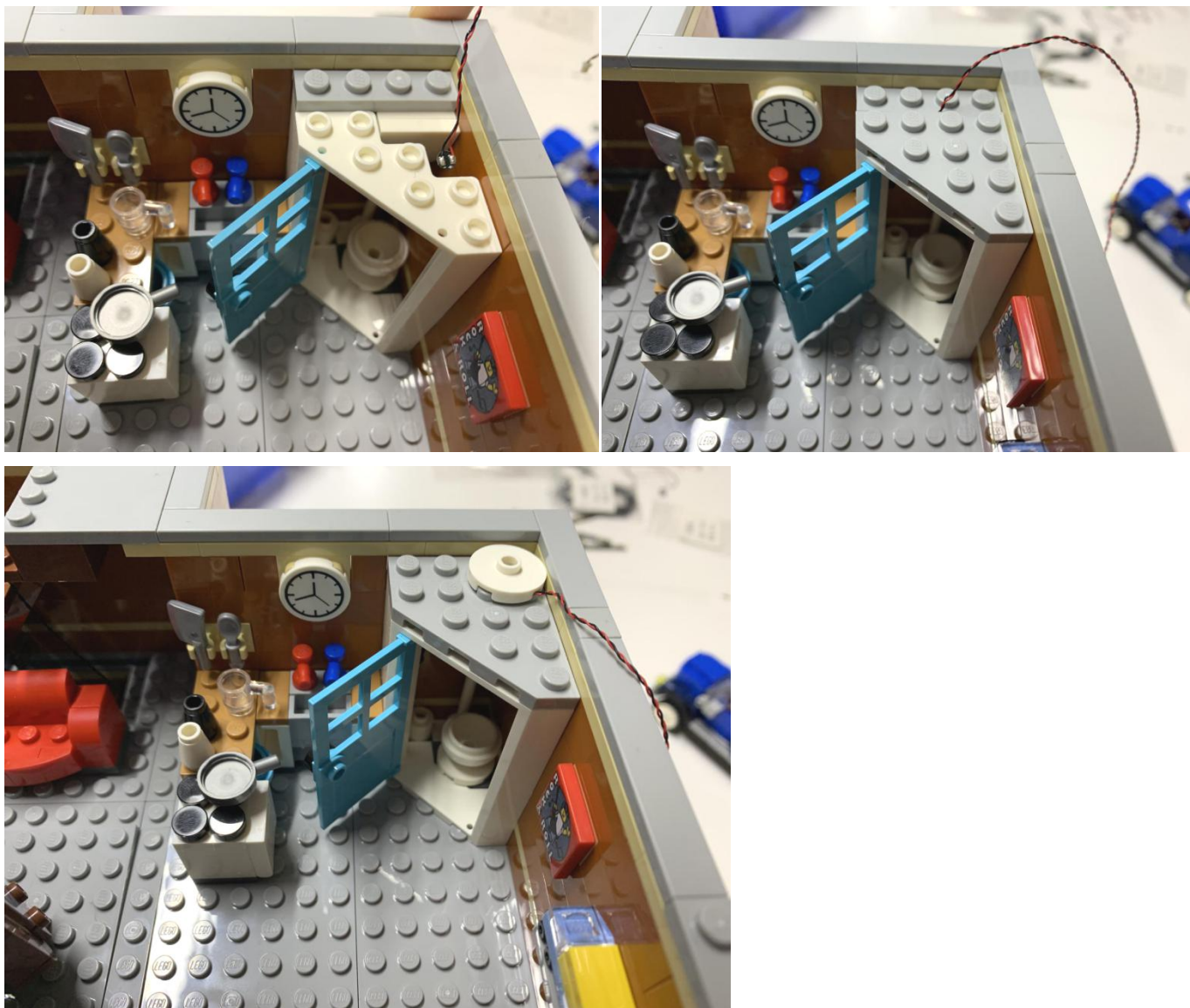
Then, we'll install lights for the floor. Take a 15cm white Dot Light



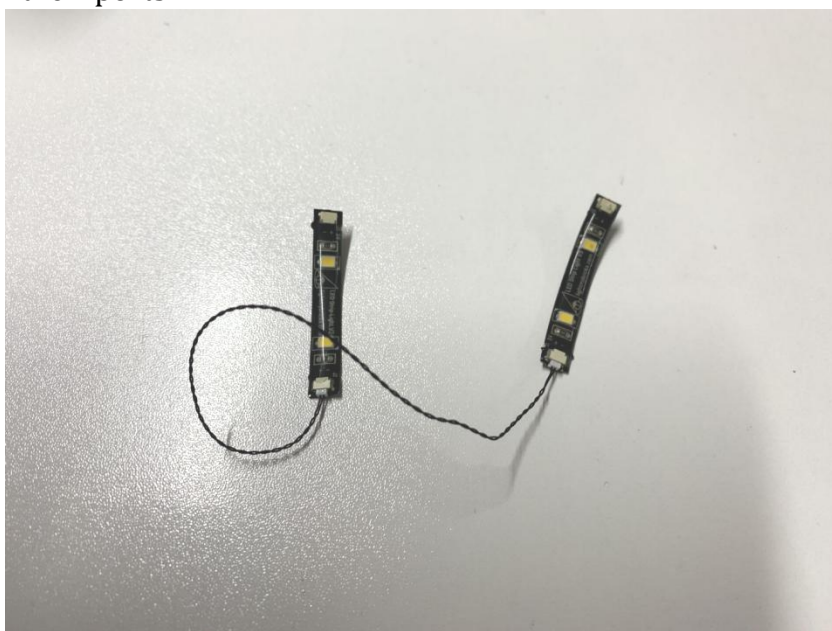
Remove the following pieces



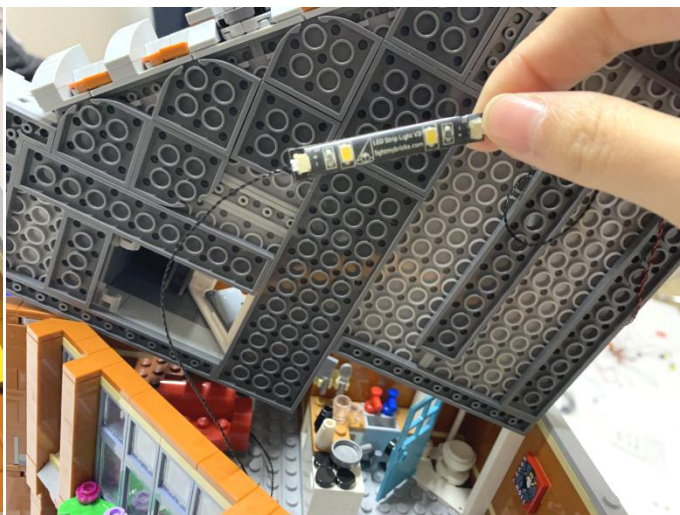
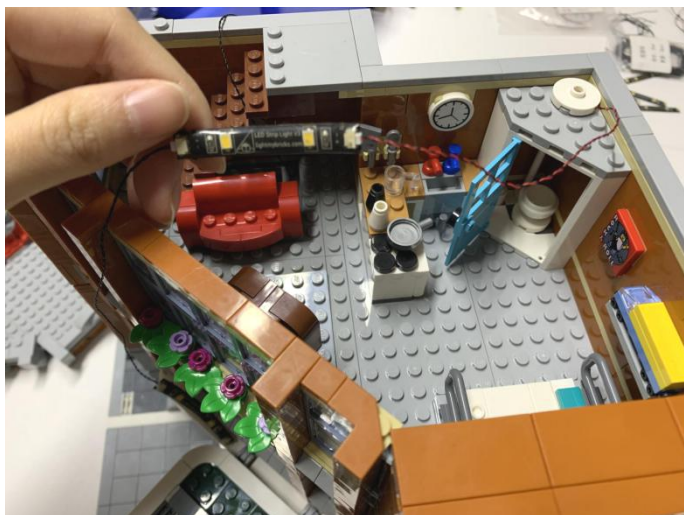
Connect the Dot Light as per below



Take 2 warm white strip lights, assemble them together by connecting a 15cm connecting cable to their ports



Connect one port of the strip to the 15cm white Dot Light, connect the left port of the strip to the 30cm connecting cable from the third floor



Stick the strips to the following places



This completes installation of this LED Lighting Kit. ENJOY!

