

Light My Bricks: LEGO Detective's Office 10246 Lighting Kit

Admin On July 22, 2020



The following page is the instructions for the **Light My Bricks LEGO Detective's Office (10246) Lighting Kit**.

If you run into any issues, please refer to the **online troubleshooting guide**.

To ensure a trouble-free installation of your light kit, please read and follow each step carefully. These instructions can be downloaded in PDF format **here**

Please note: This page lists instructions for the LED light kit only. If you are wishing to purchase the Light My Bricks LEGO Detective's Office (10246) LED Lighting Kit, please click [here](#) to view the product page

Package Contents:

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- 6x White Strip Lights
- 5x White 30cm Bit Lights
- 11x Flashing White 30cm Bit Lights
- 1x 12-port Expansion board
- 1x 8-port Expansion board
- 1x 6-port Expansion board
- 1x LEGO Lamp Post With LED Installed
- 6x Adhesive squares
- 6x 15cm connecting cables
- 2x 5cm connecting cables
- 1x USB Power Cable

LEGO Pieces:

- 6x Plate 1x6 (any colour)
- 2x Trans Red Round Plate 1x1
- 1x Trans Dark Blue Round Plate 1x1

Wireless Power Connectors (sold separately)

If you wish to install them you wish to use Light My Bricks Wireless Power Connectors in between floors (sold separately), please scroll to the bottom of the page to view the instructions.

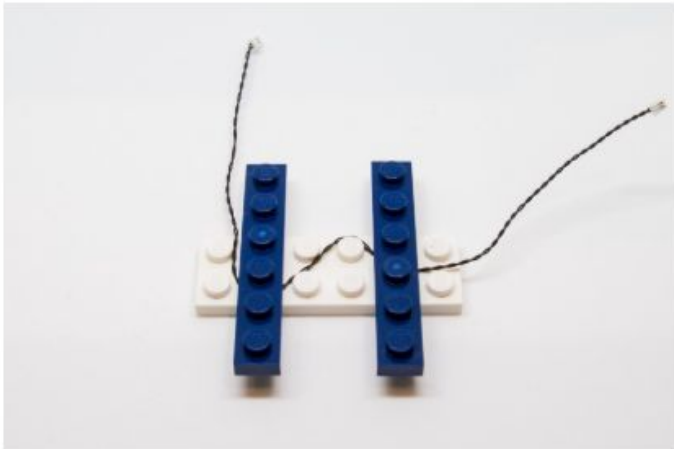
You will require the following extra parts (sold separately)

- 3x Wireless Power Connectors sets (Available in 2pk)
- 1x 6-Port Expansion Board

Important things to note:

Laying cables in between and underneath bricks

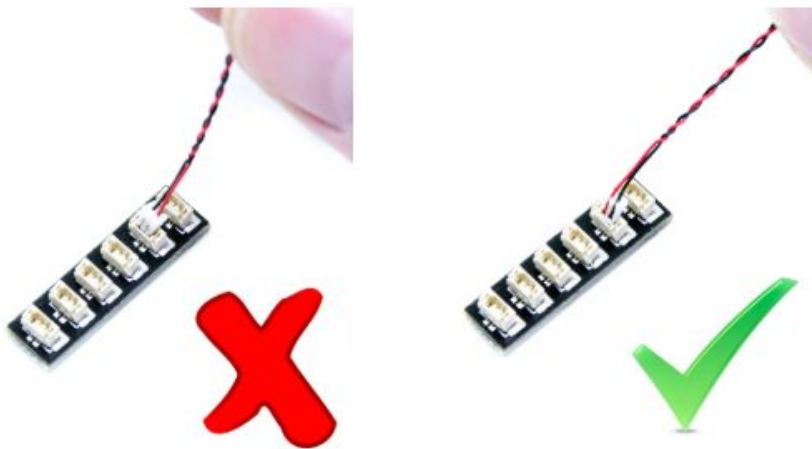
Cables can fit in between and underneath LEGO® bricks, plates, and tiles providing they are laid correctly between the LEGO® studs. Do NOT forcefully join LEGO® together around cables; instead ensure they are laying comfortably in between each stud.



CAUTION: Forcing LEGO® to connect over a cable can result in damaging the cable and light.

Connecting cable connectors to Expansion Boards

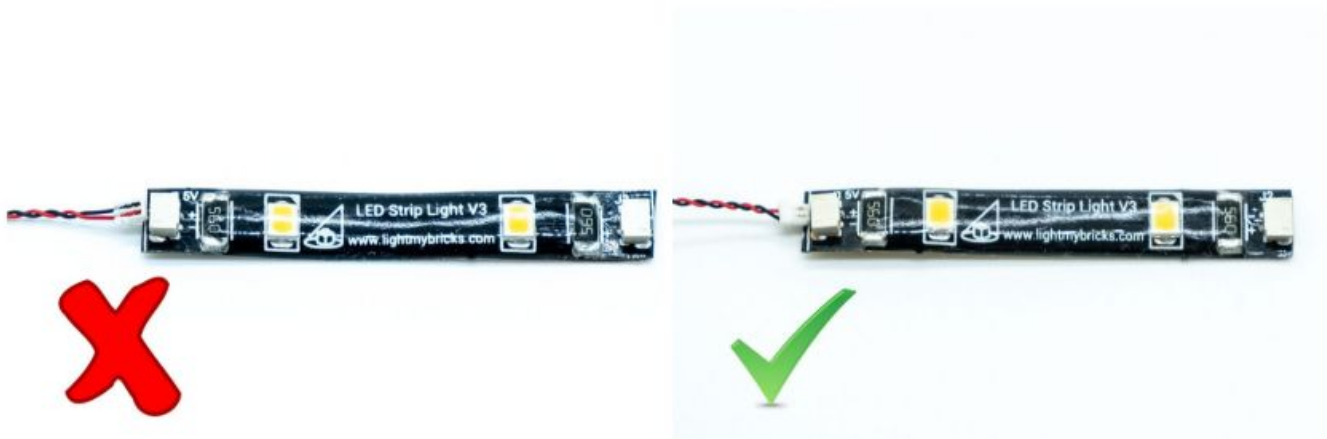
Take extra care when inserting connectors to ports of Expansion Boards. Connectors can be inserted only one way. With the expansion board facing up, look for the soldered "=" symbol on the left side of the port. The connector side with the wires exposed should be facing toward the soldered "=" symbol as you insert into the port. If a plug won't fit easily into a port connector, do not force it.



Incorrectly inserting the connector can result in bent pins inside the port or possible overheating of the expansion board when connected.

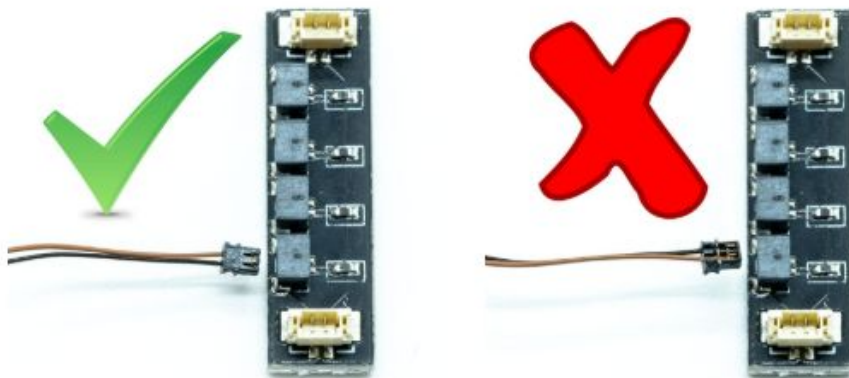
Connecting cable connectors to Strip Lights

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.



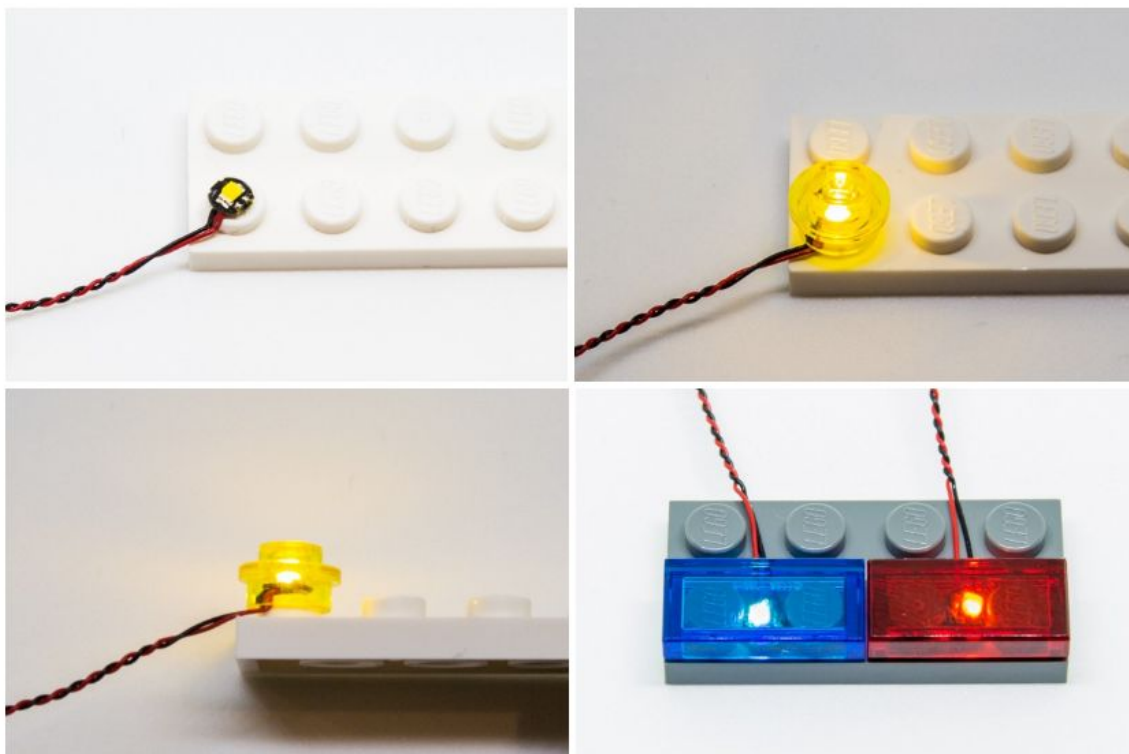
Connecting Micro Cable connectors to Micro Expansion Board Ports

Take extra care when inserting the micro connectors to micro ports of Micro Expansion Boards. Connecting Micro Bit Lights to Micro Expansion Boards is similar to connecting lights and cables to Strip Lights. With the expansion board 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, do not force it. Use your fingernail to push the plastic part of the connector to the micro port.



Installing Bit Lights under LEGO® bricks and plates.

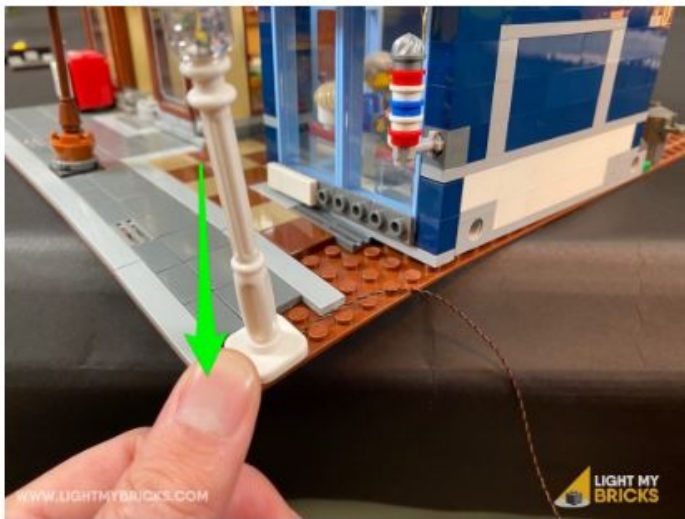
When installing Bit Lights under LEGO® pieces, ensure they are placed the correct way up (Yellow LED component exposed). You can either place them directly on top of LEGO® studs or in between.



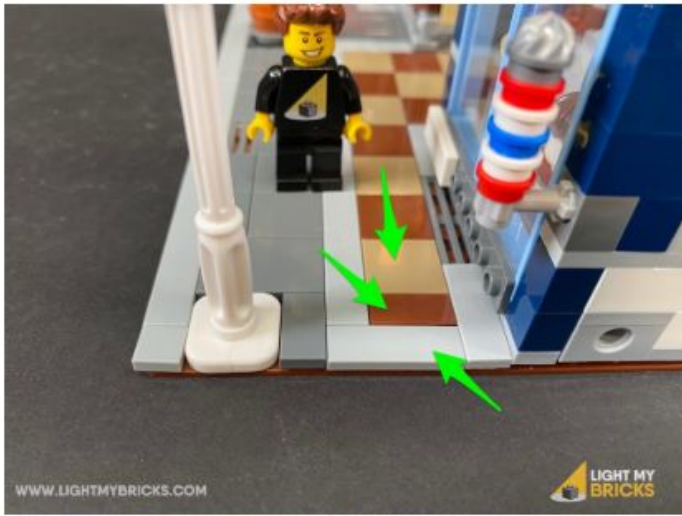
OK, Let's Begin!

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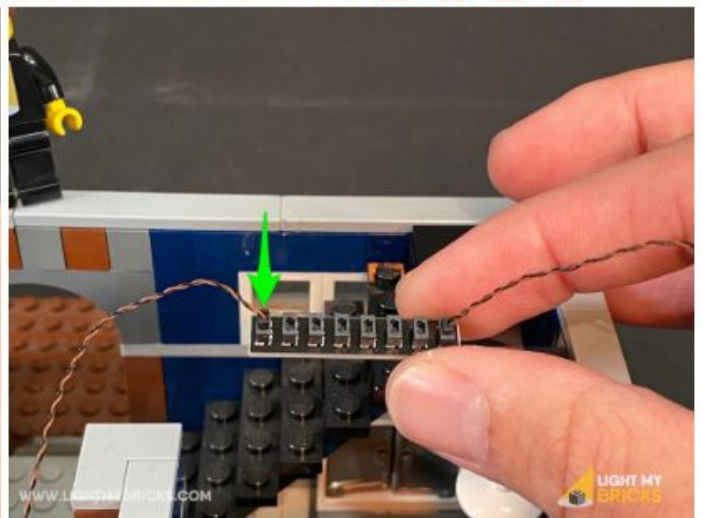
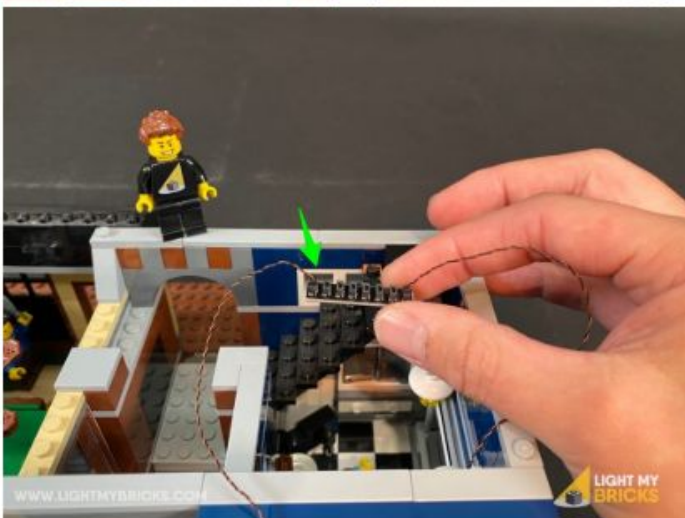


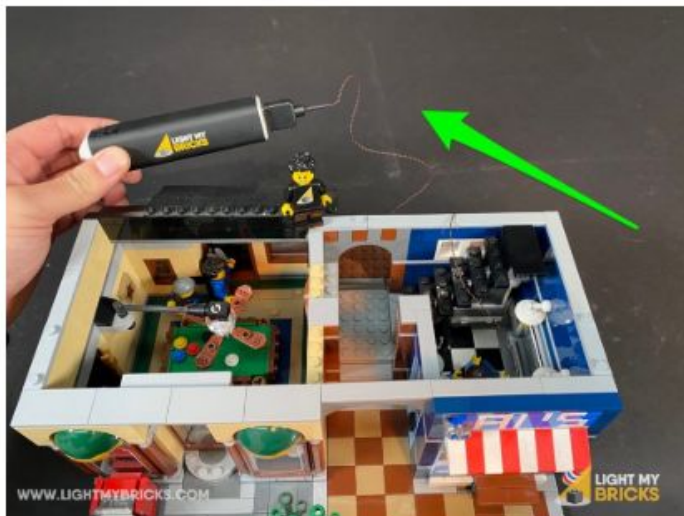






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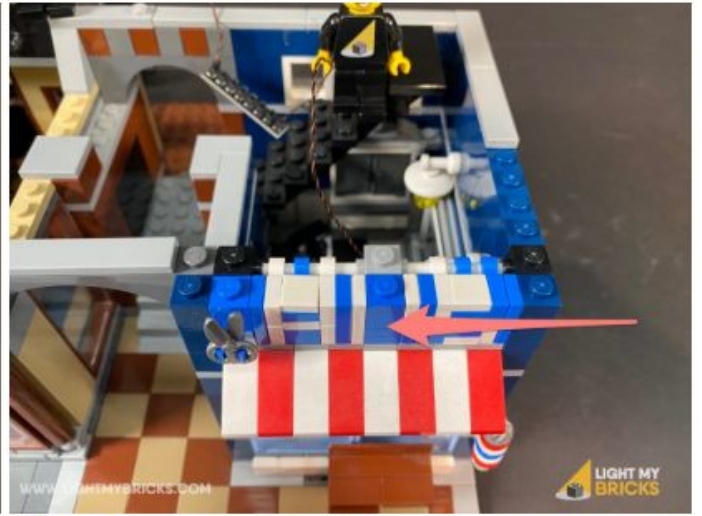
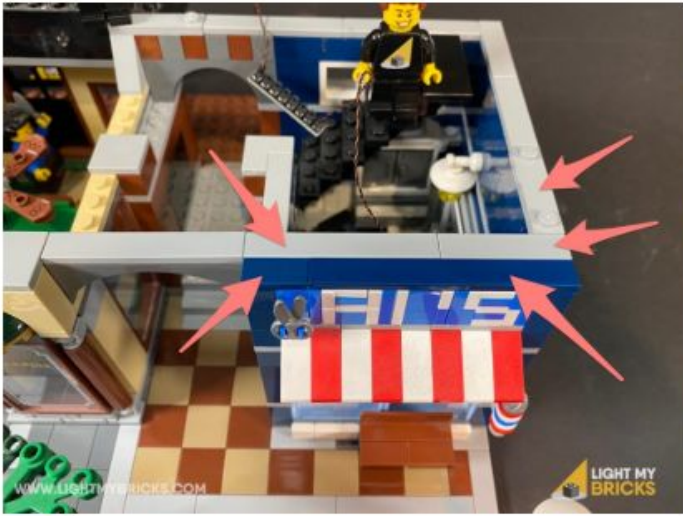




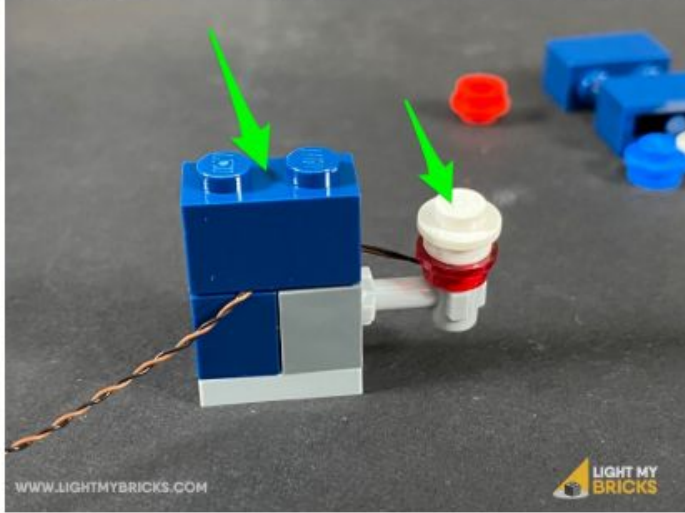
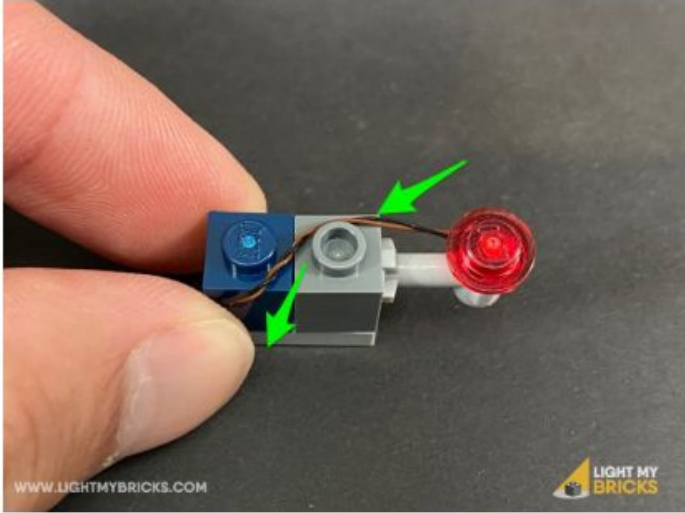
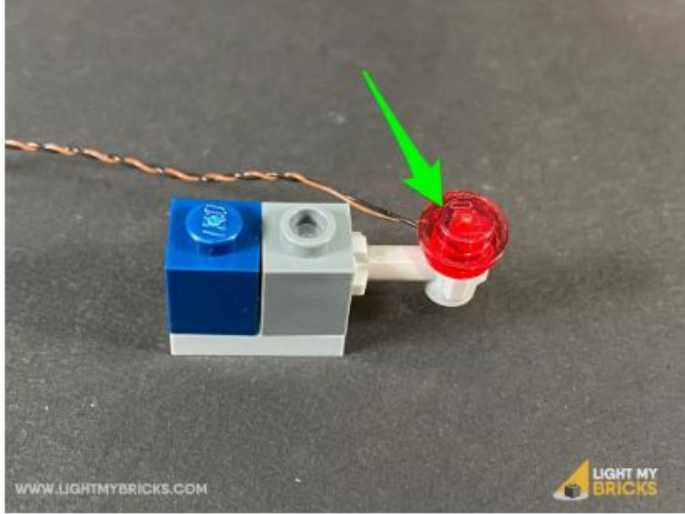
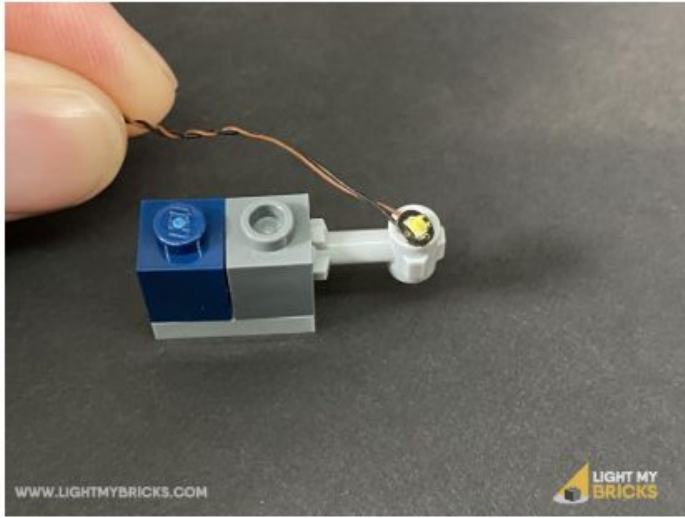
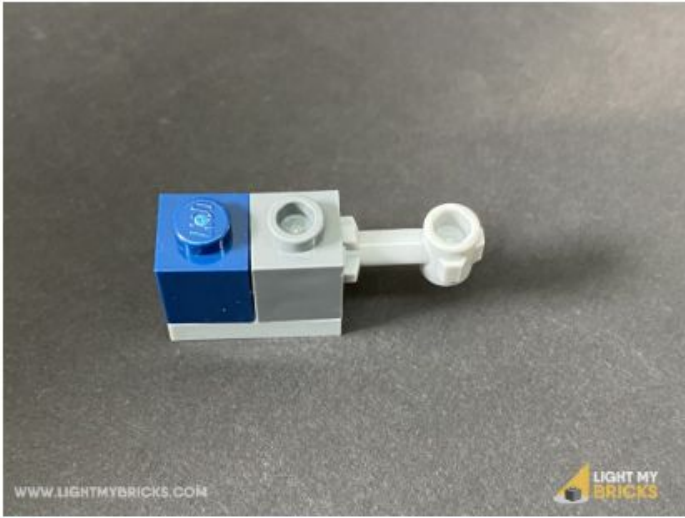
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*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues on our **online troubleshooting guide**.*

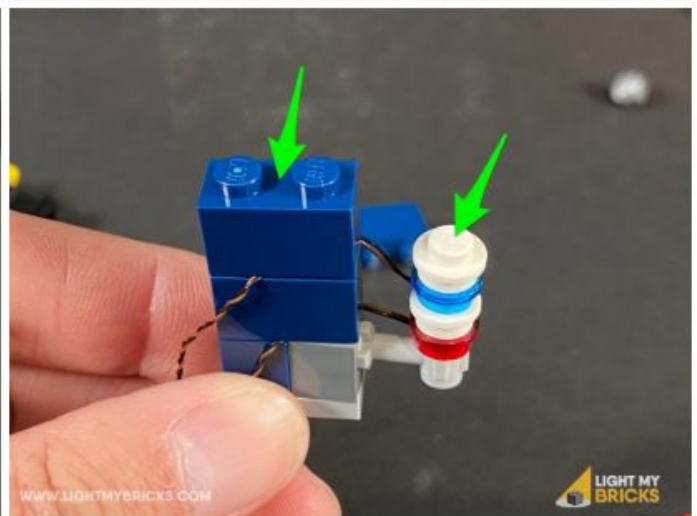
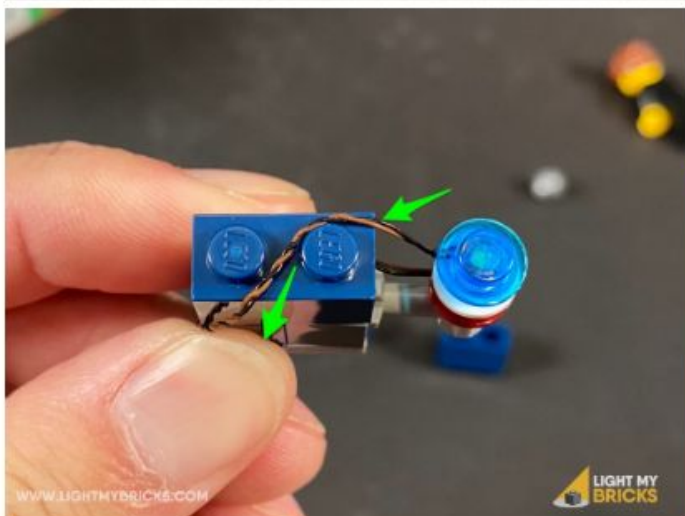
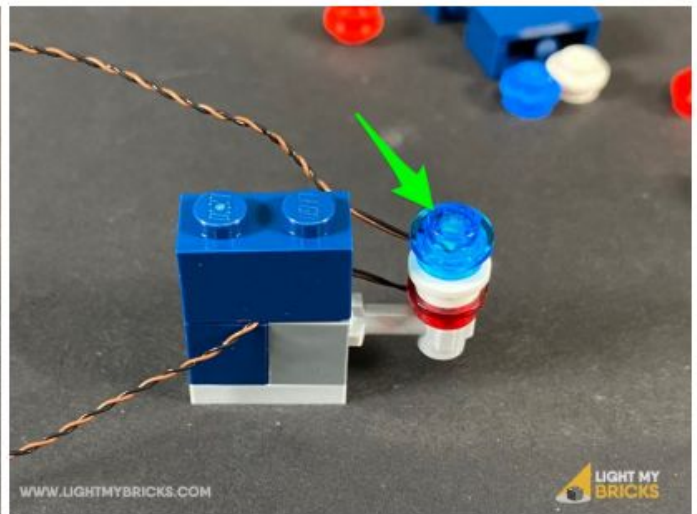
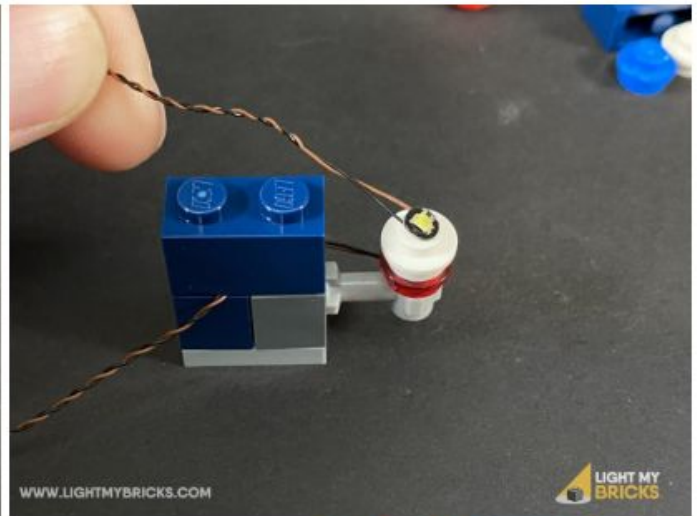
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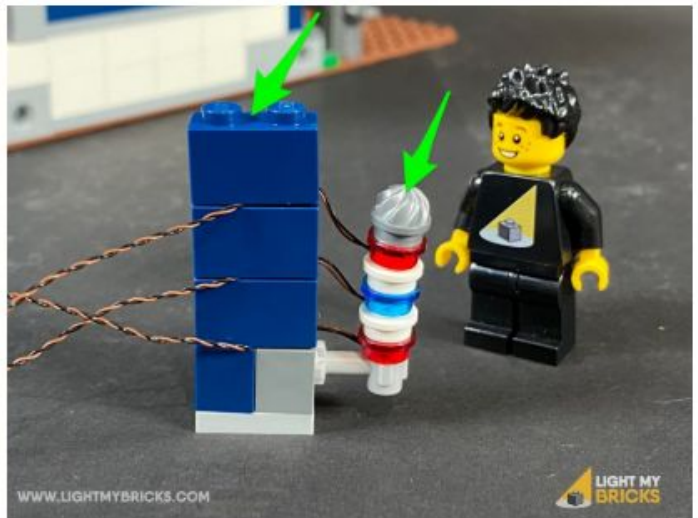
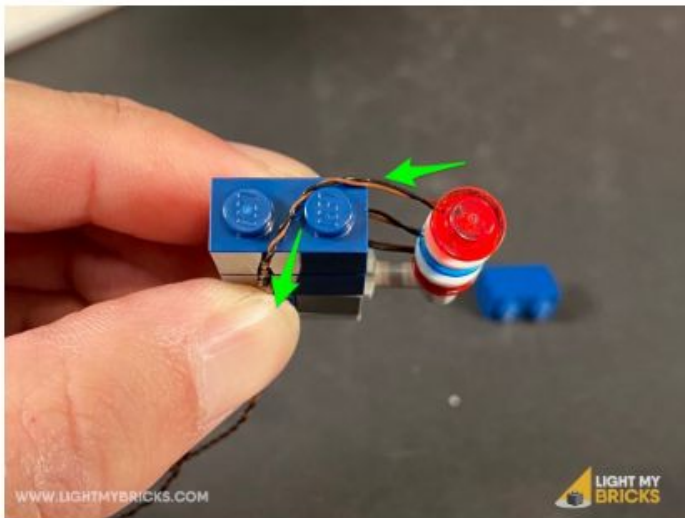
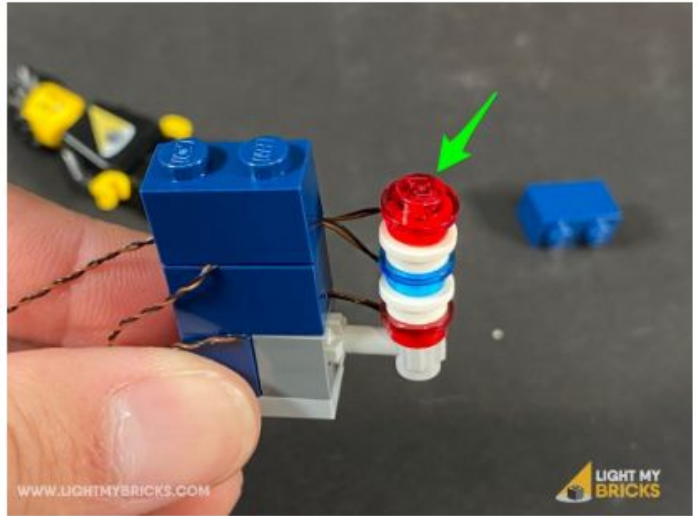
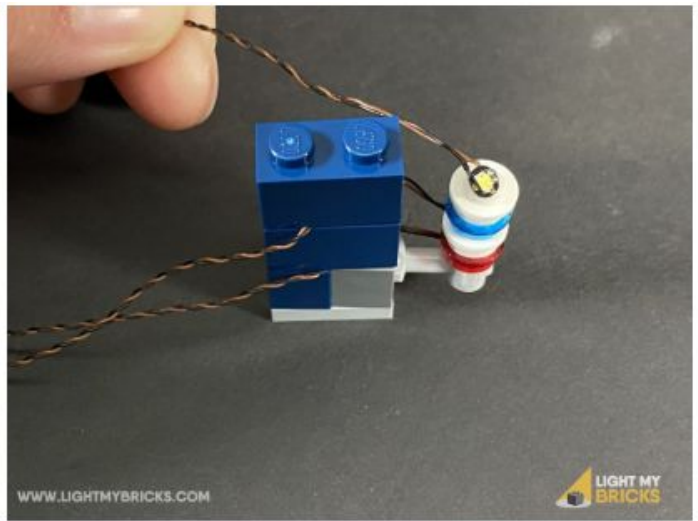






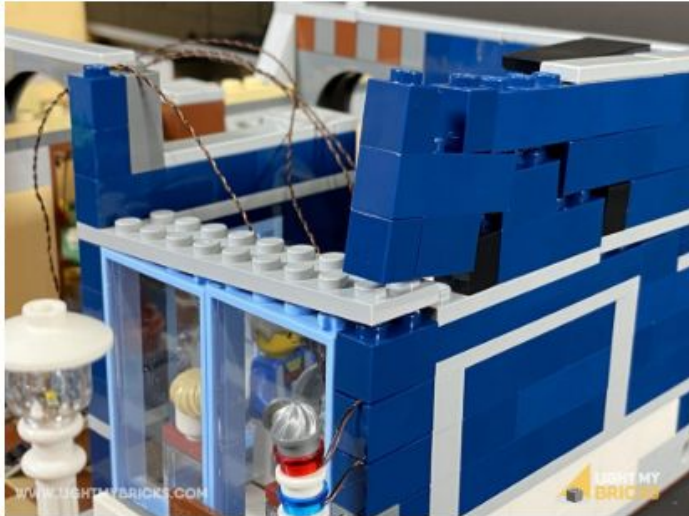
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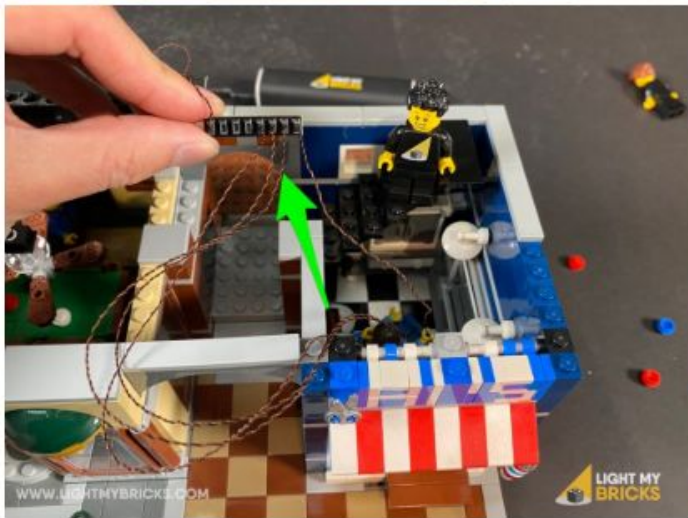
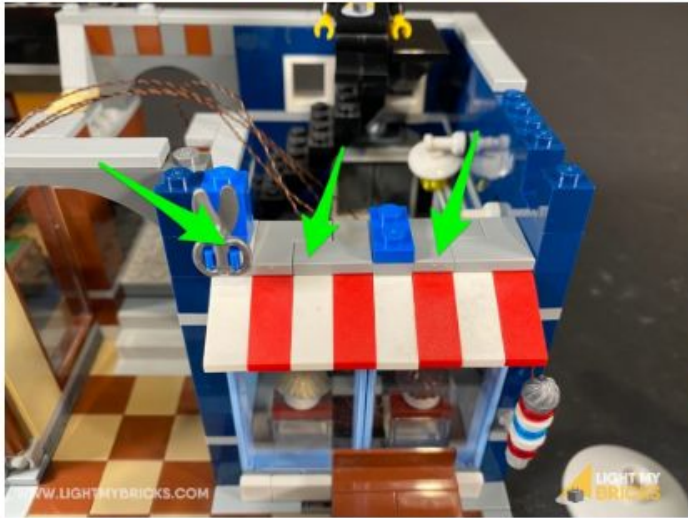
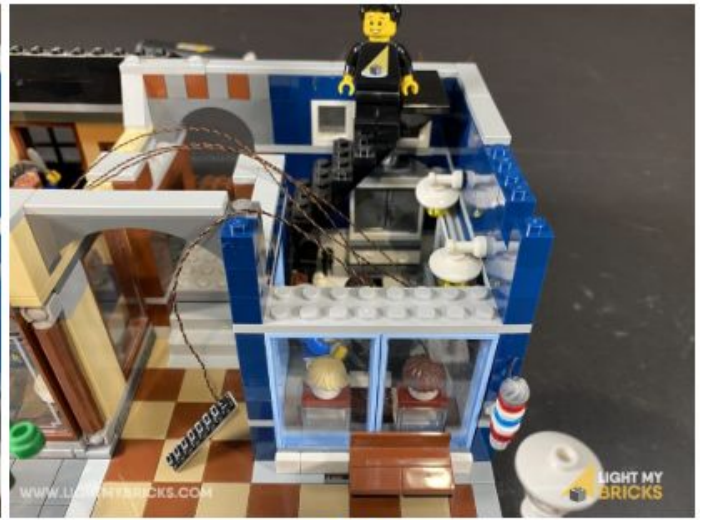
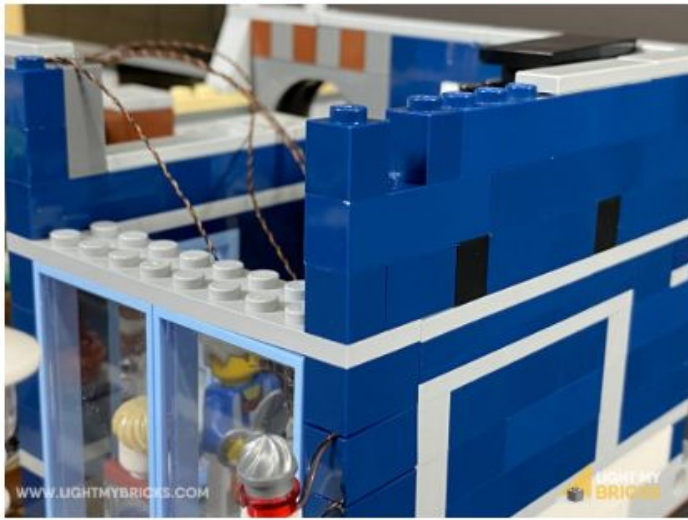


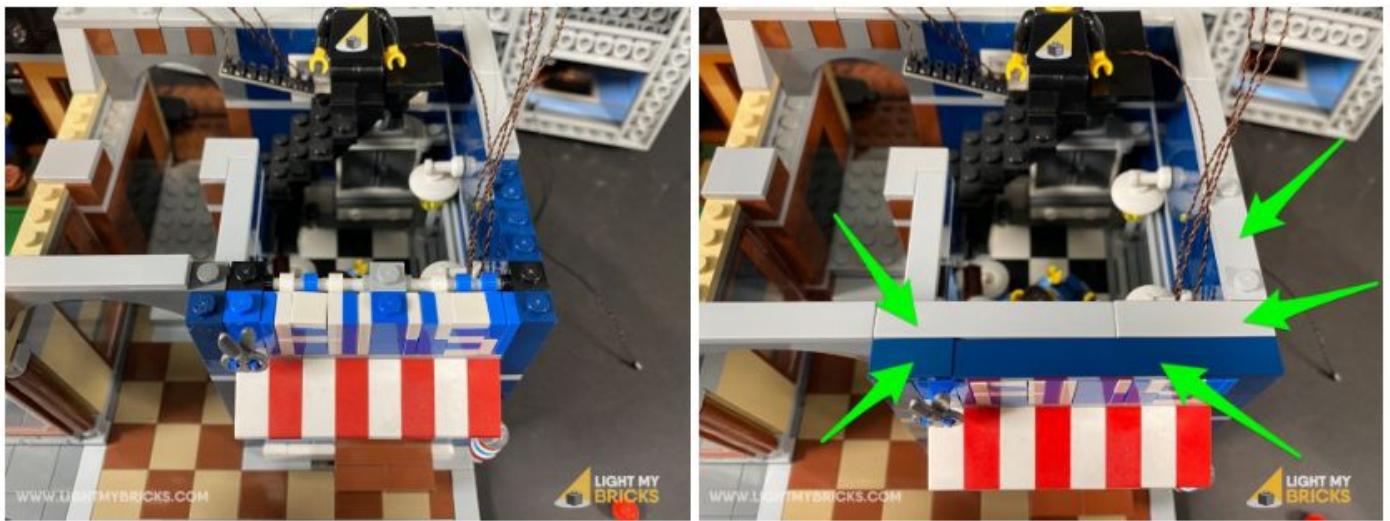




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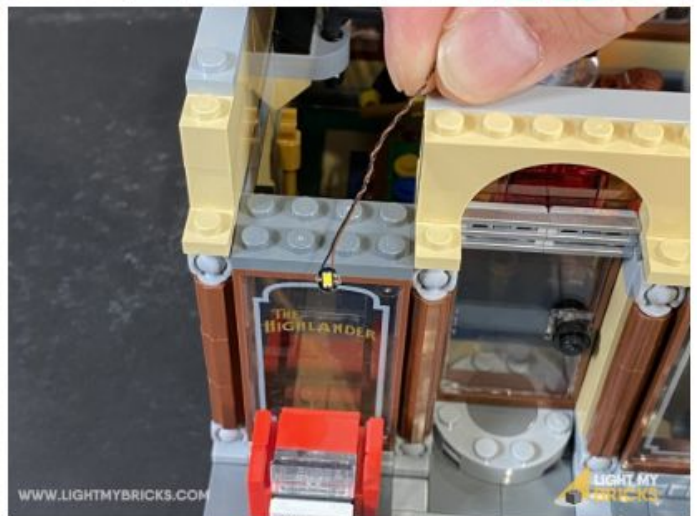


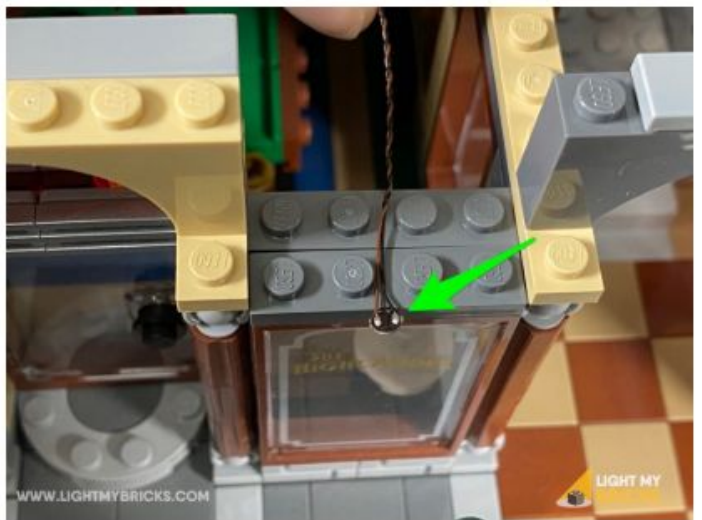
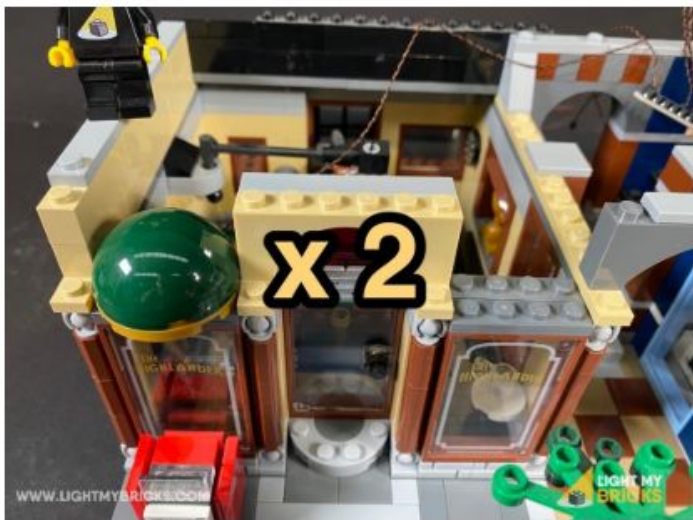
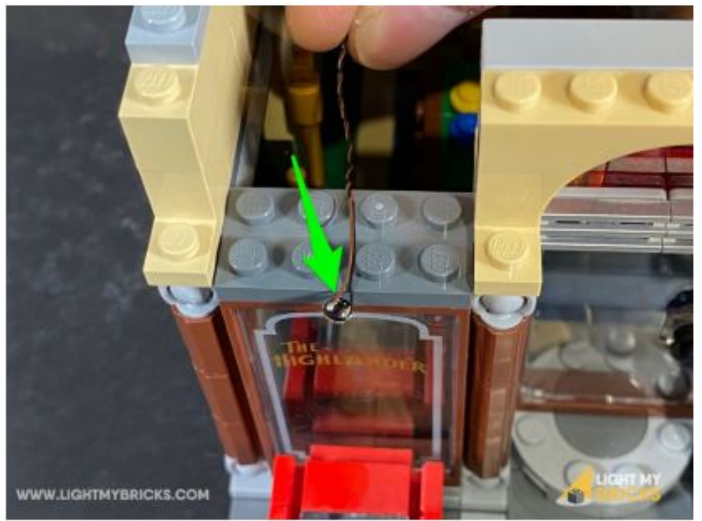
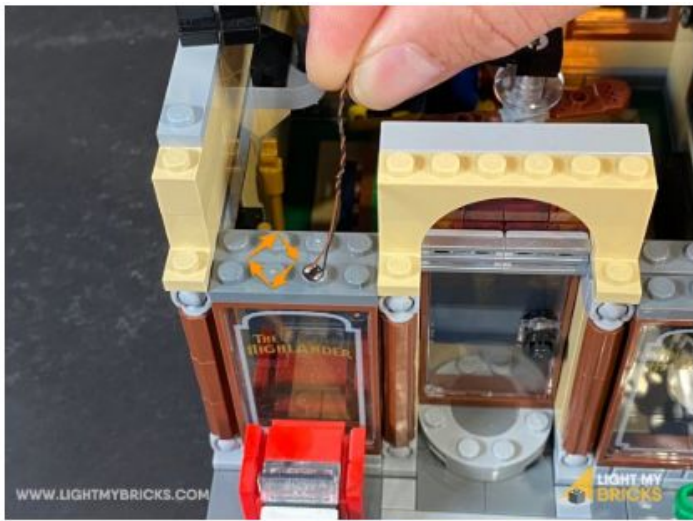


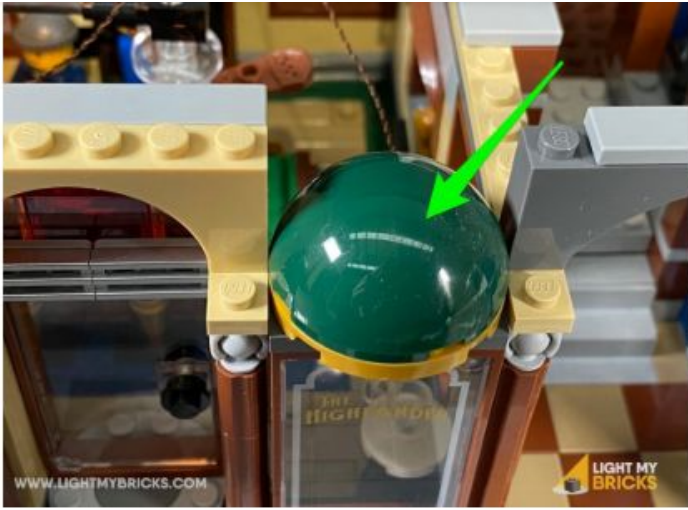


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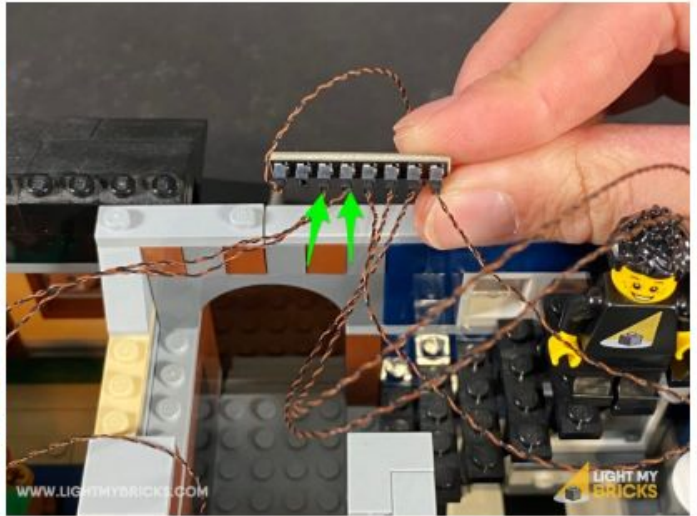
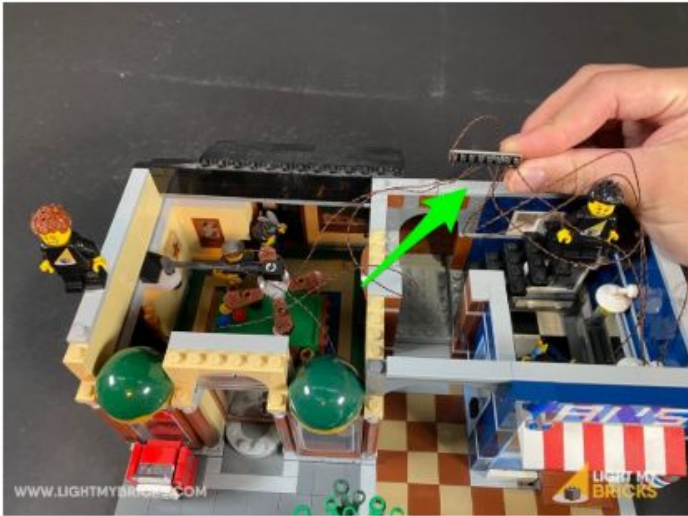
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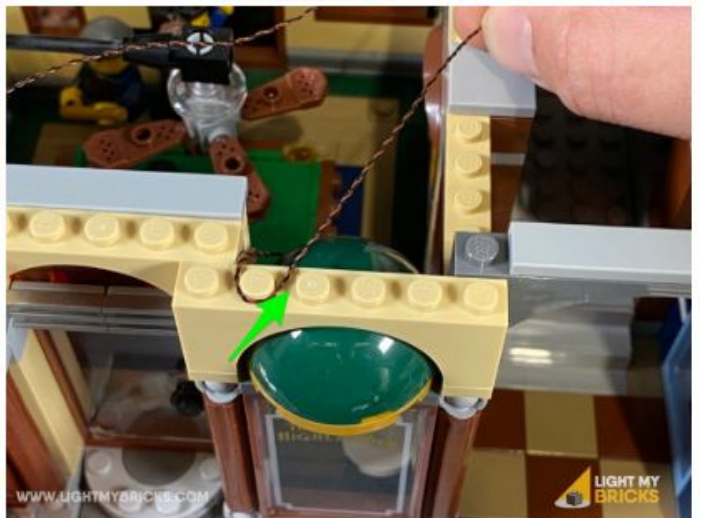
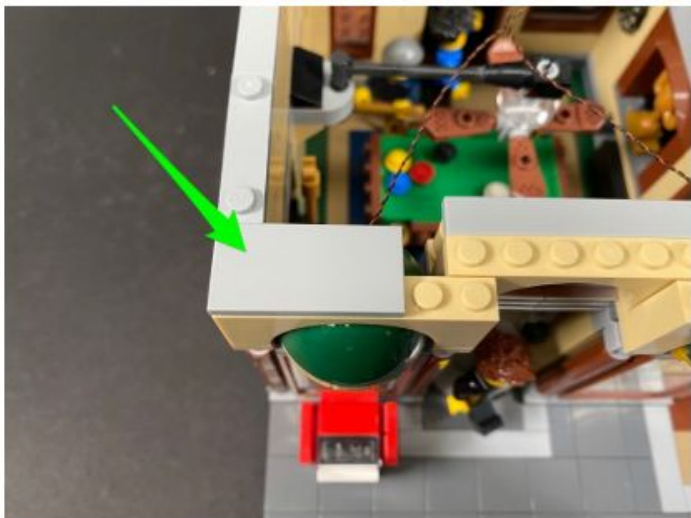
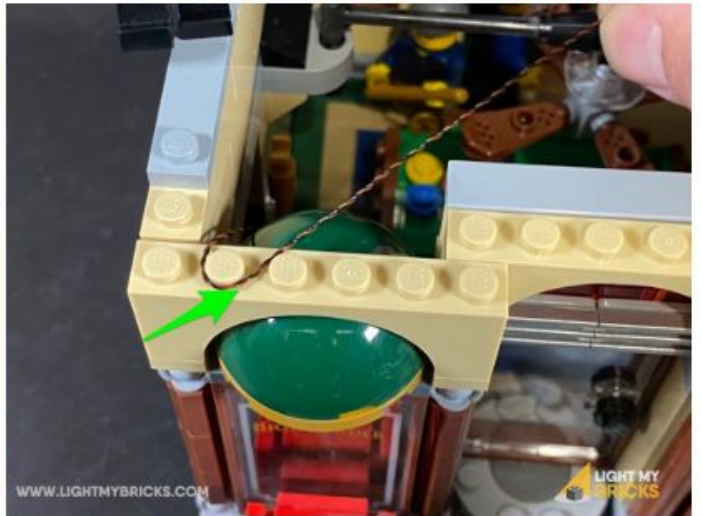
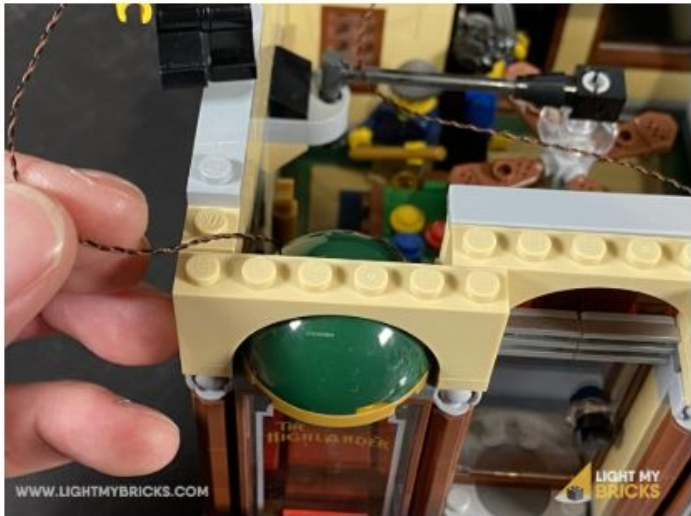


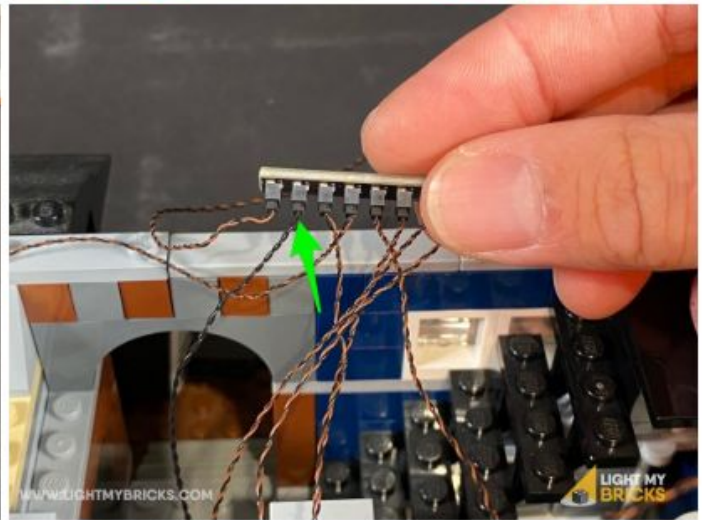
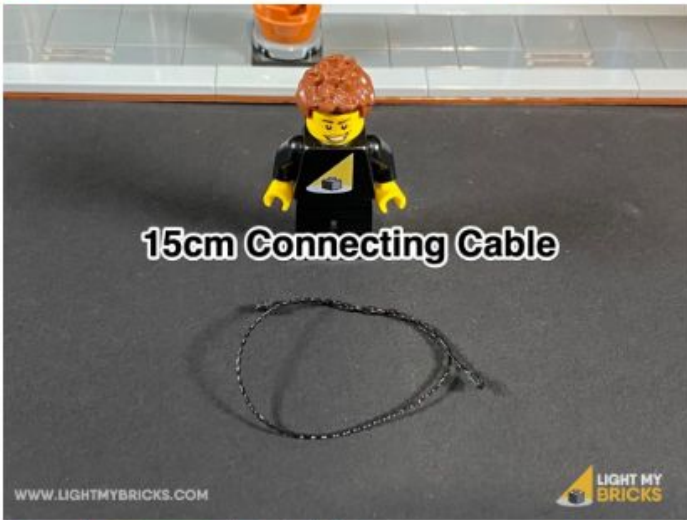
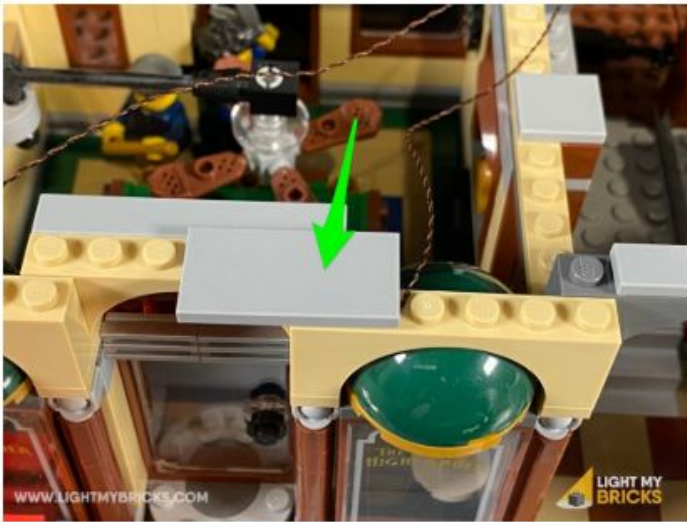


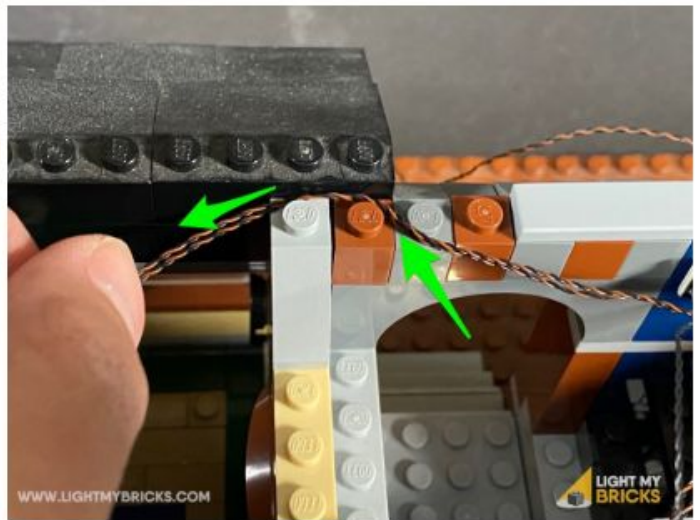
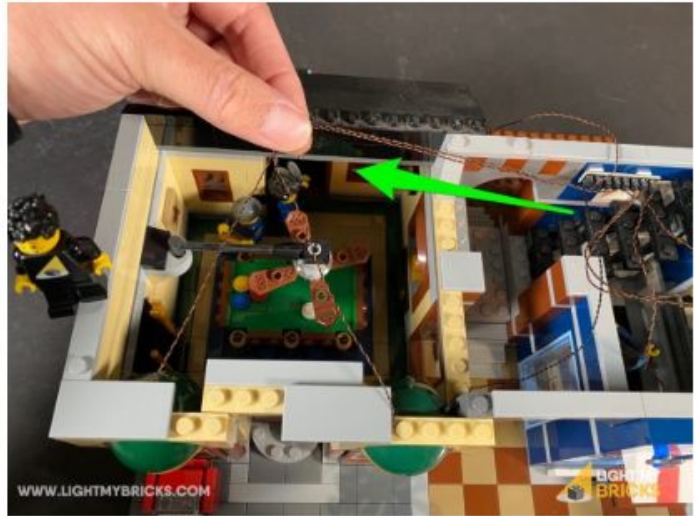
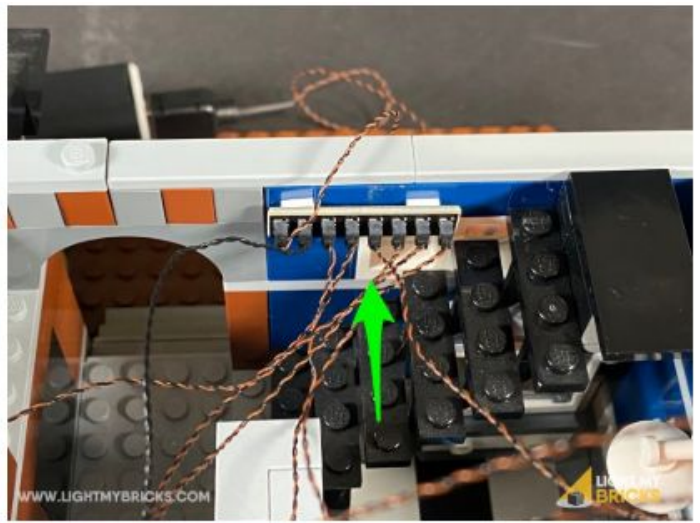
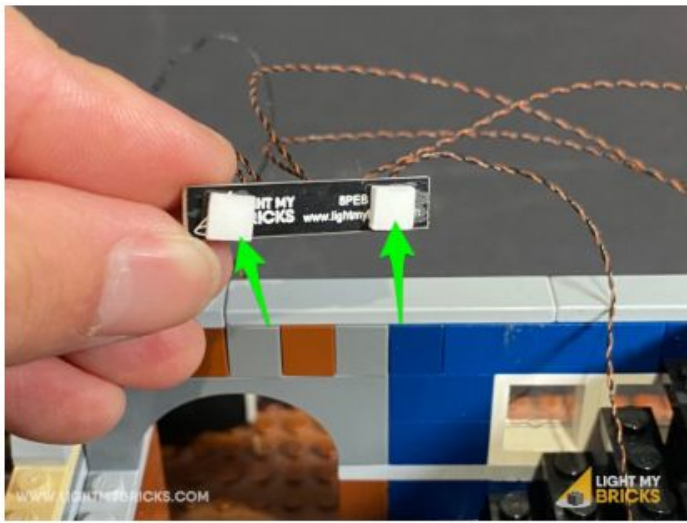


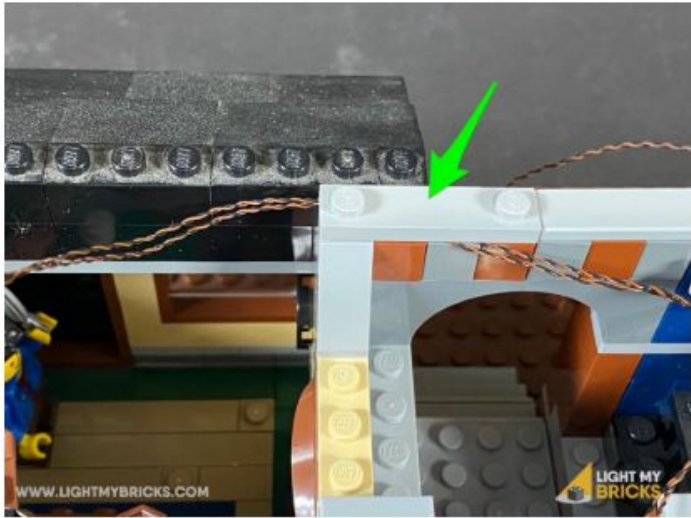
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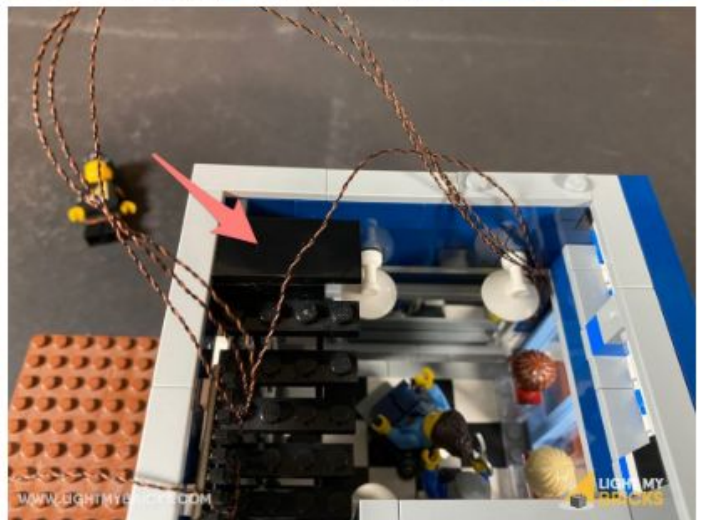
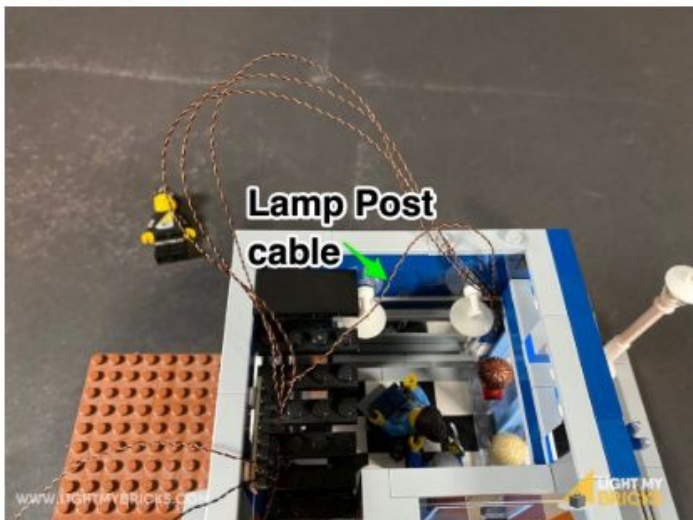
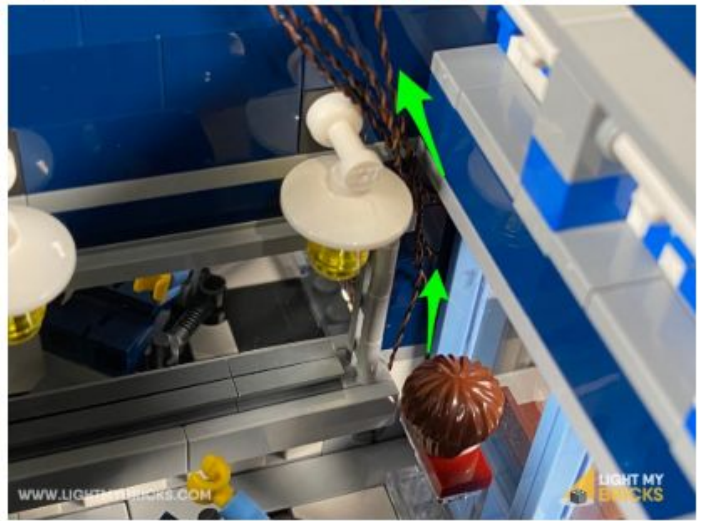
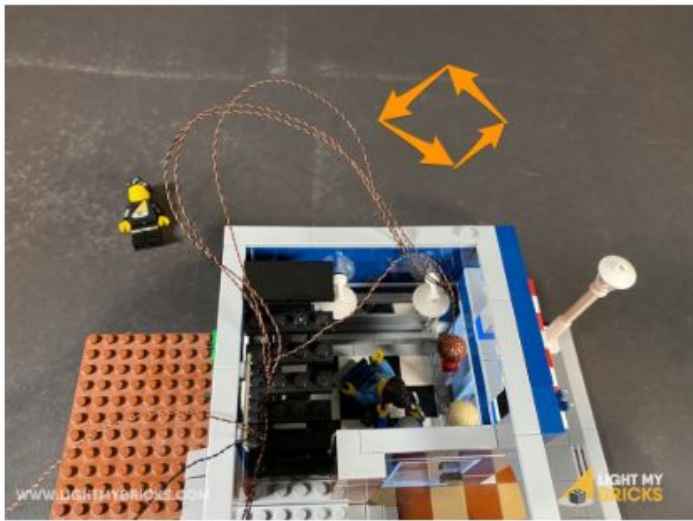
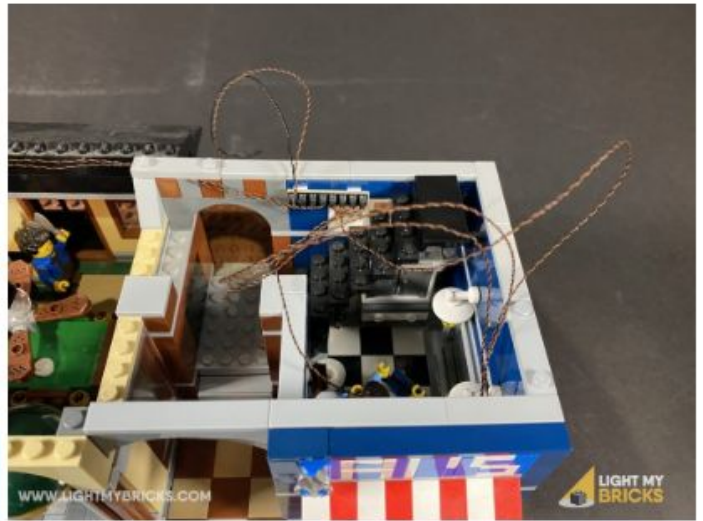
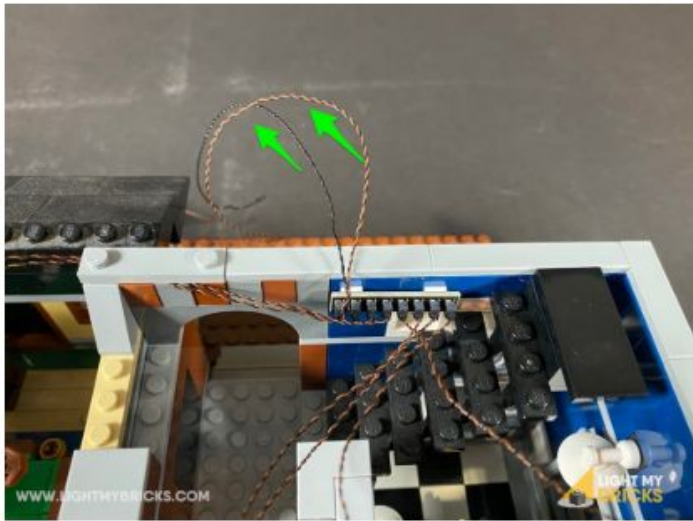


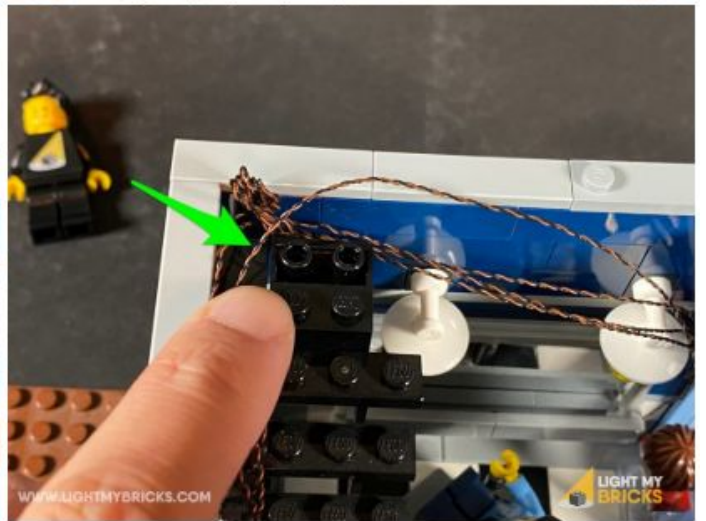
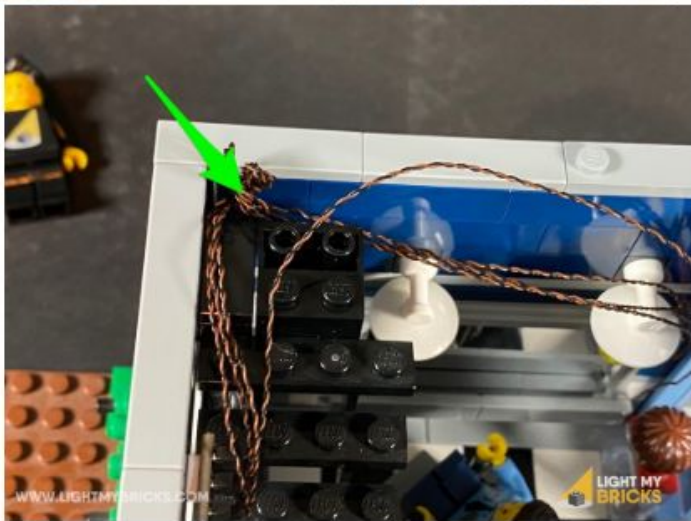
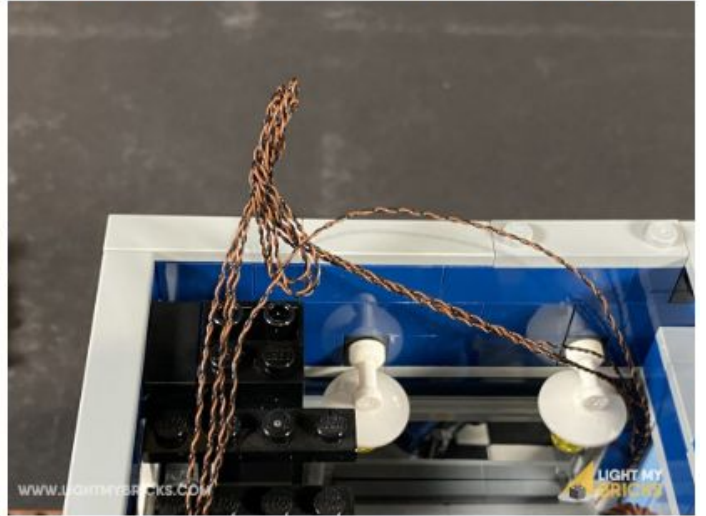
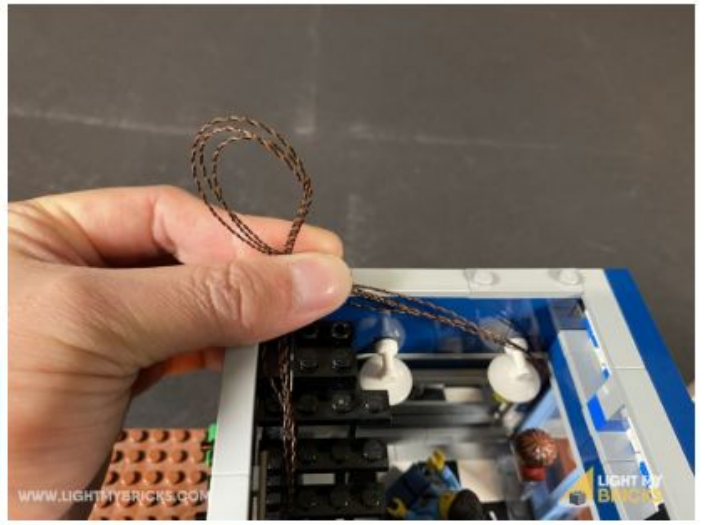
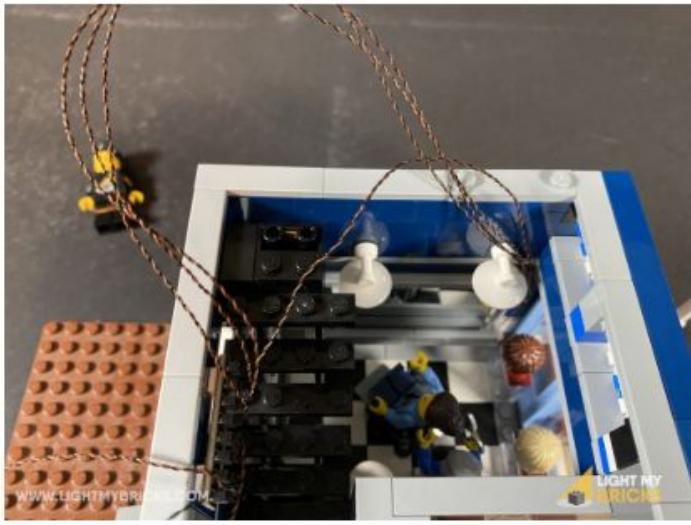


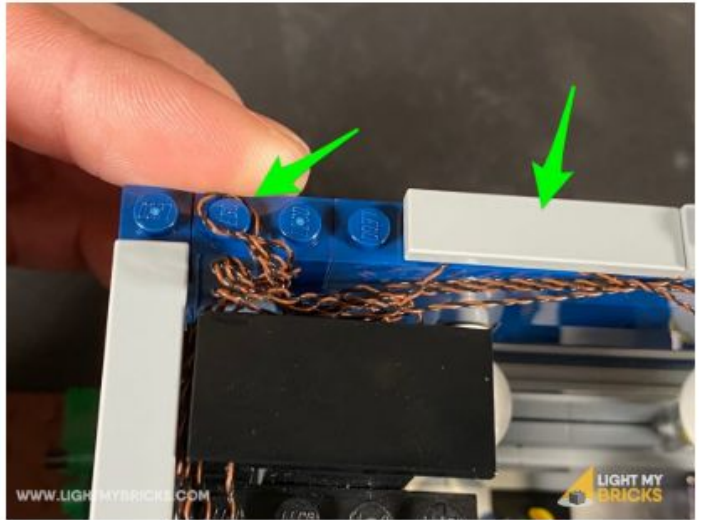
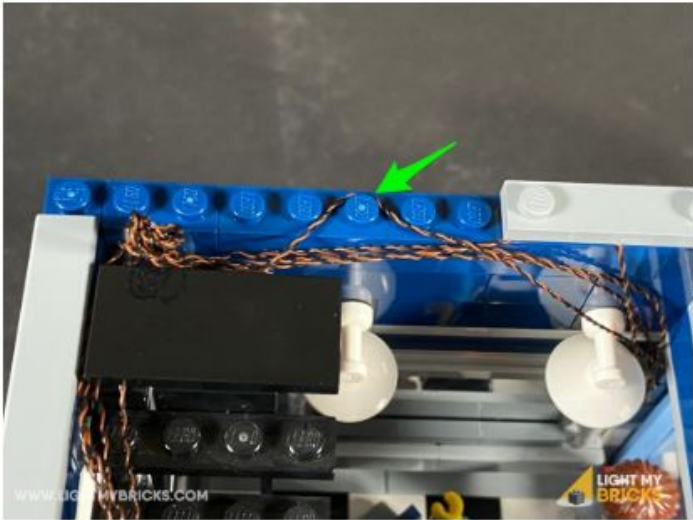
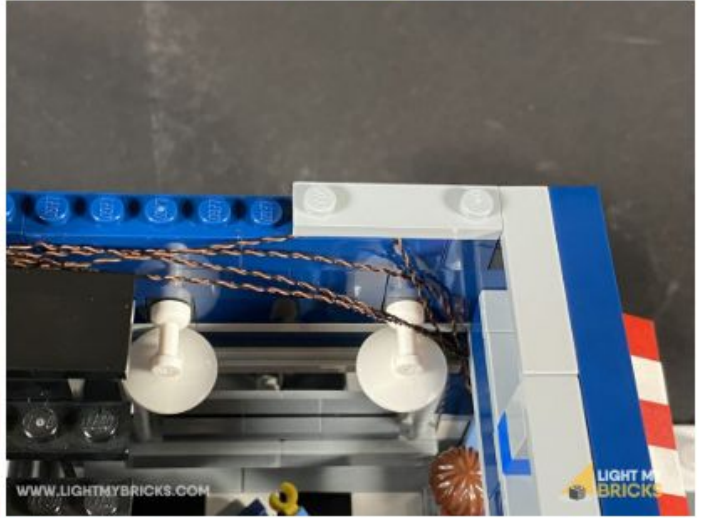
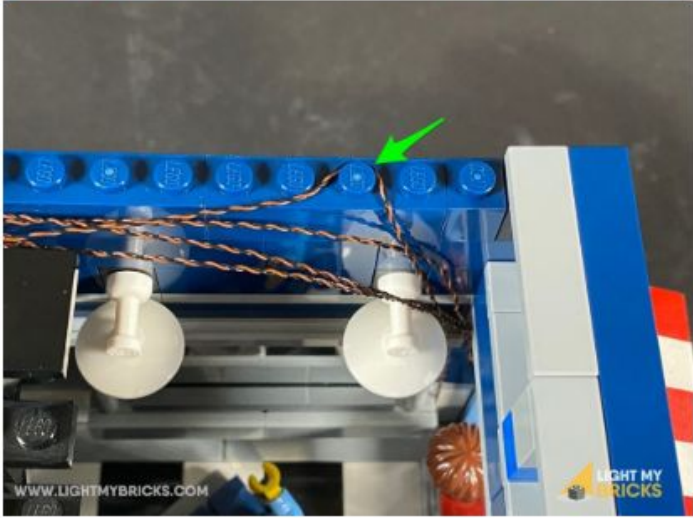
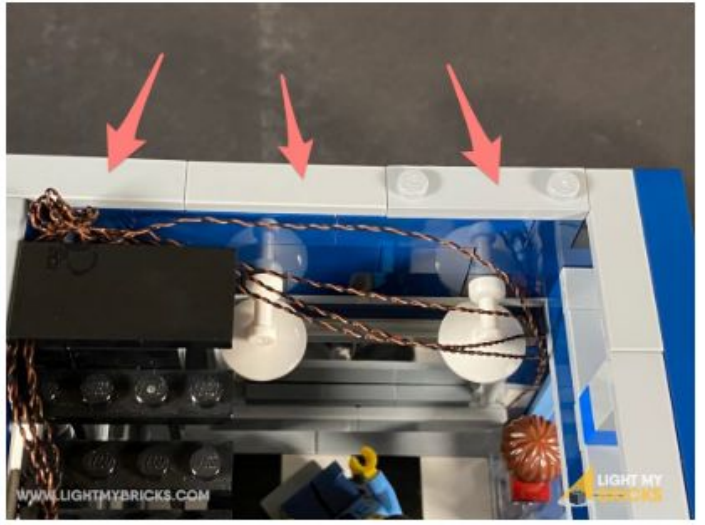
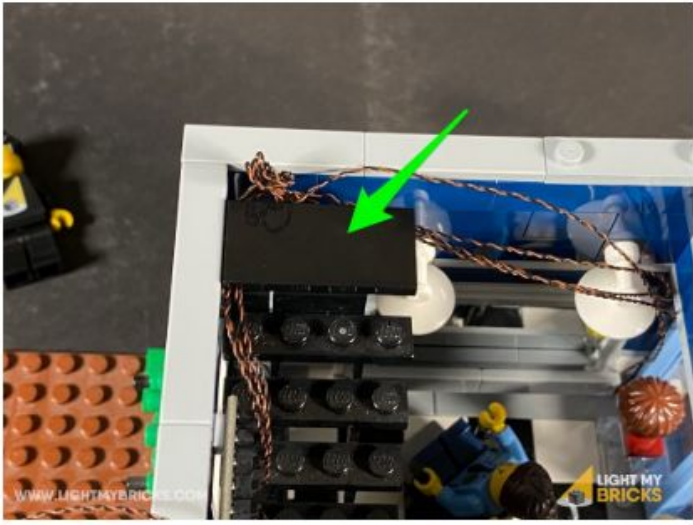


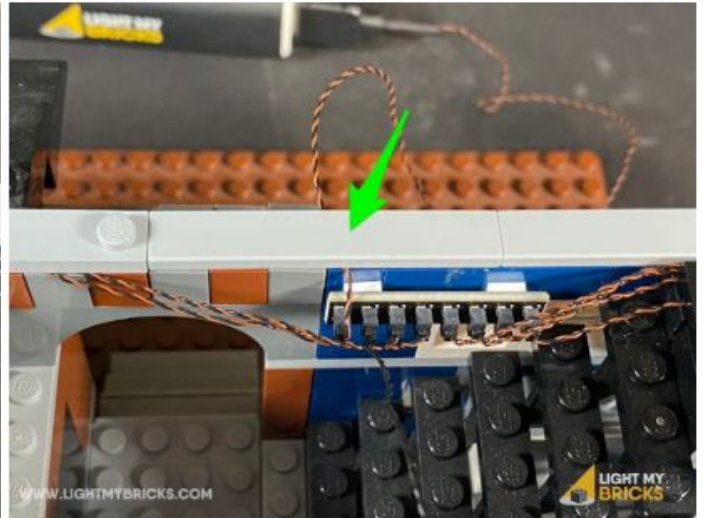
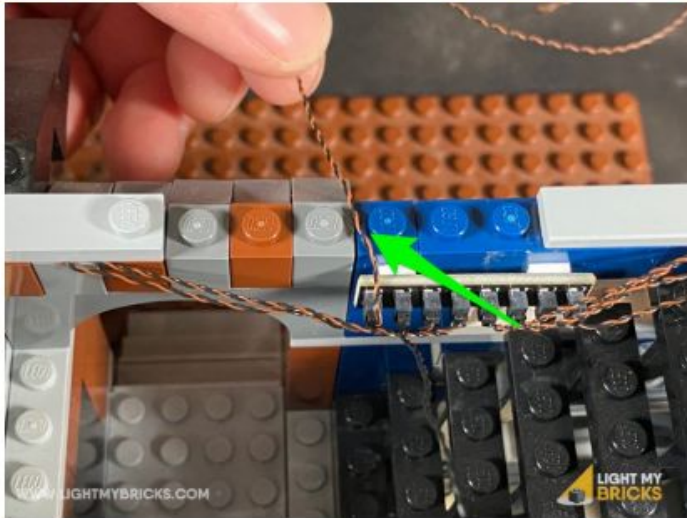
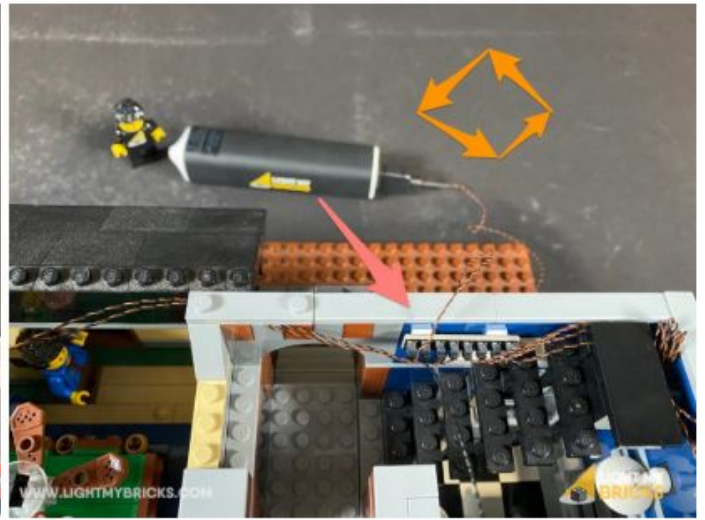
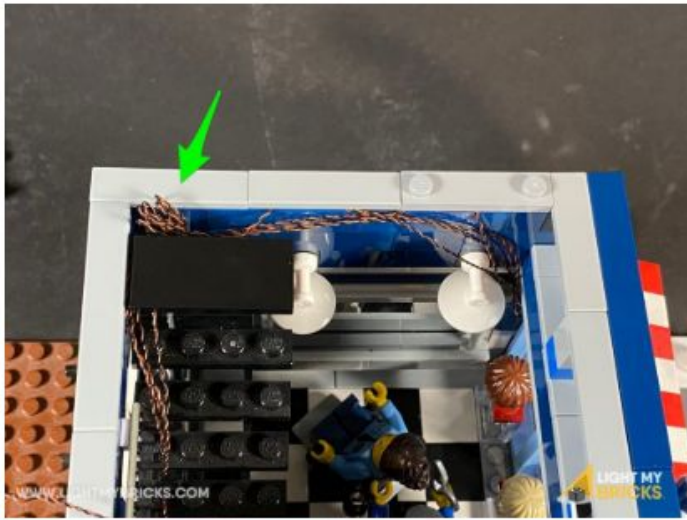


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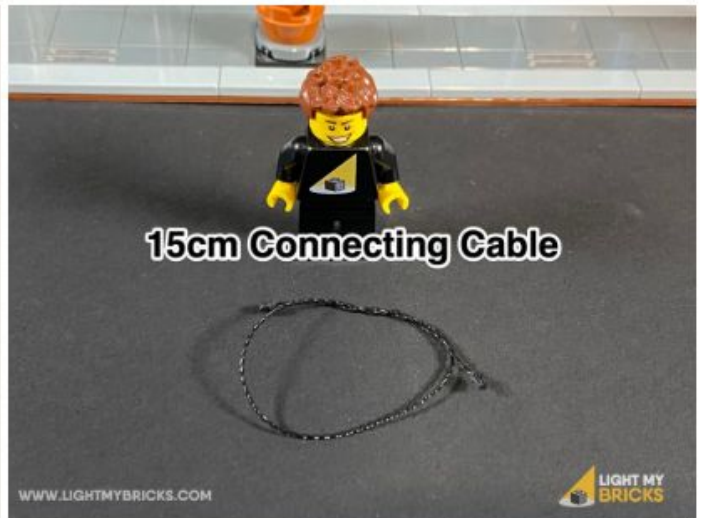


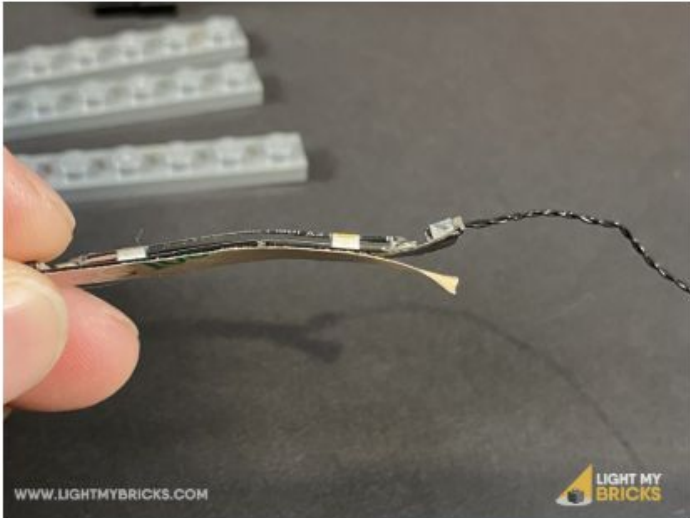


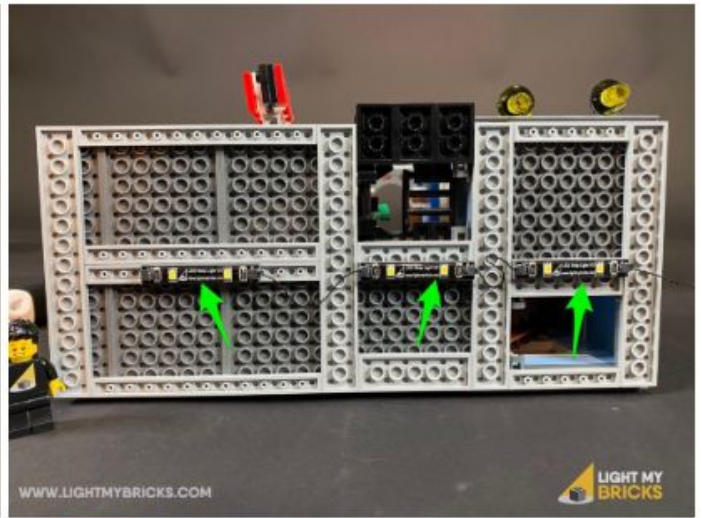
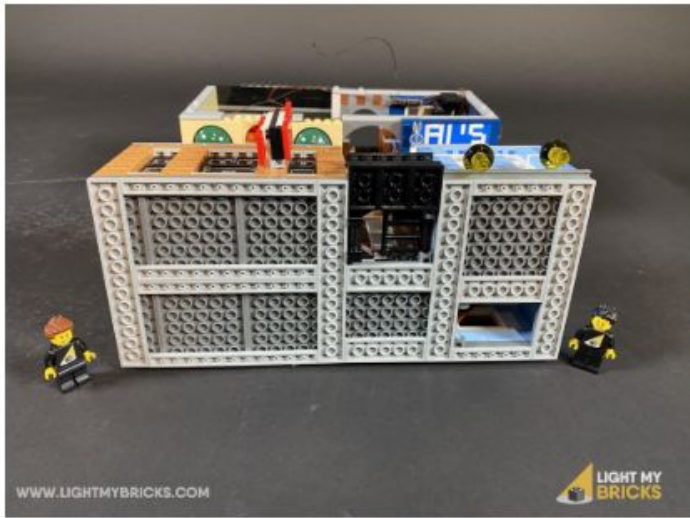




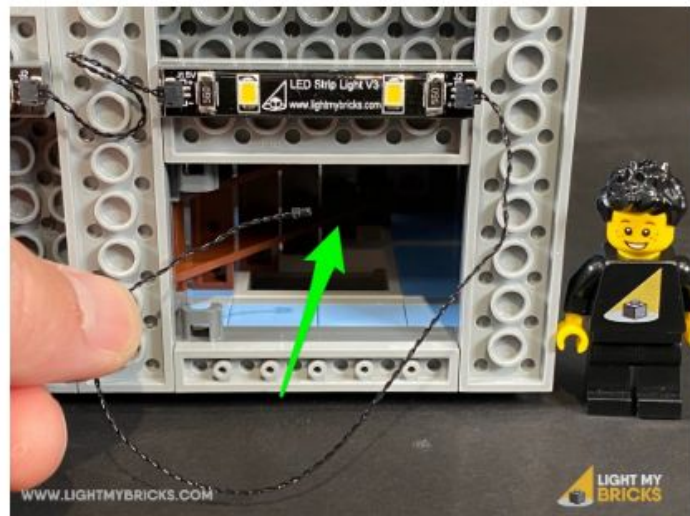
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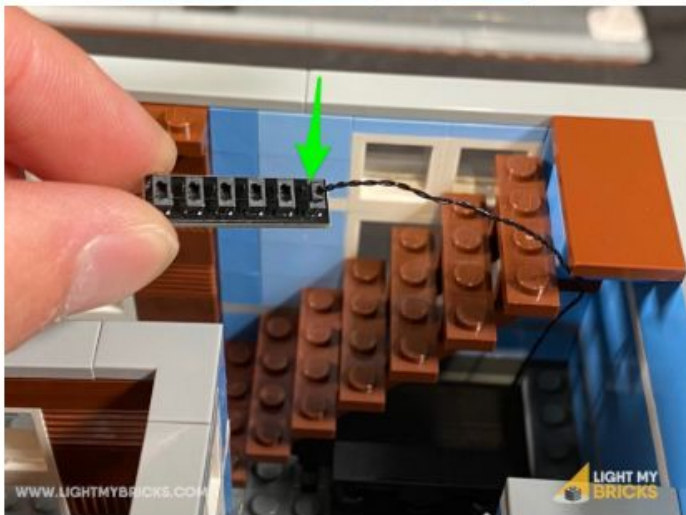
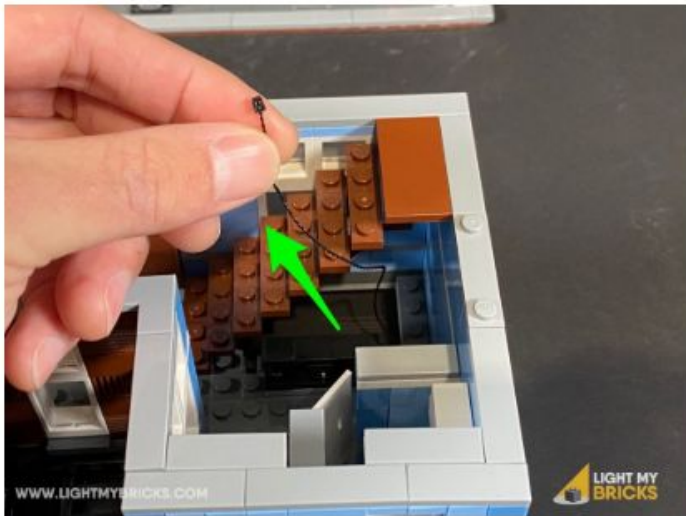
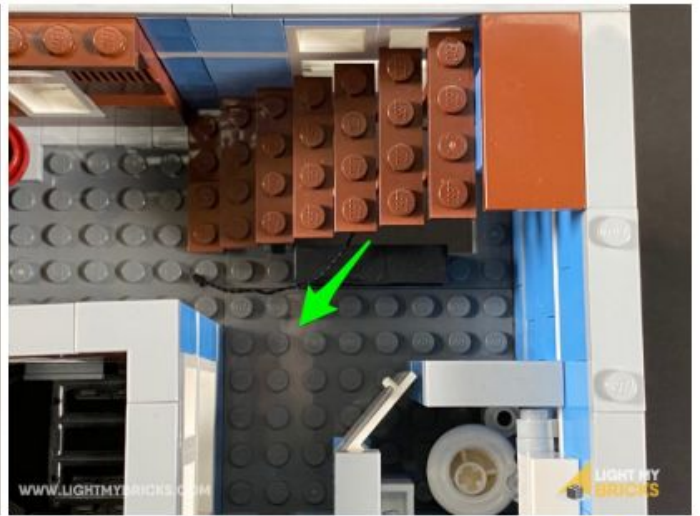


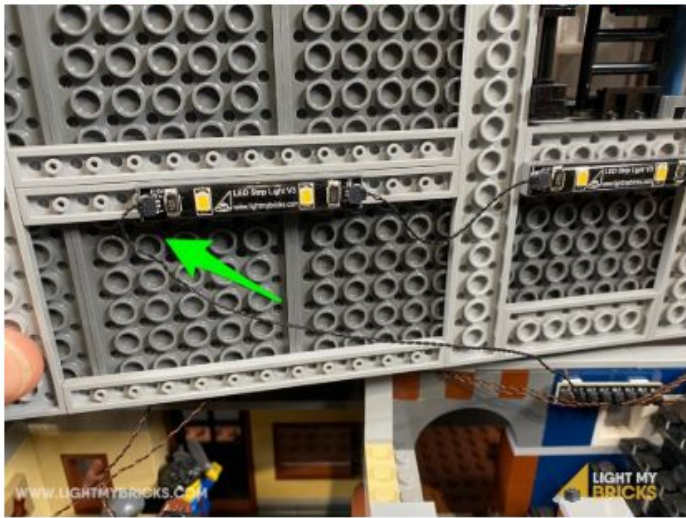
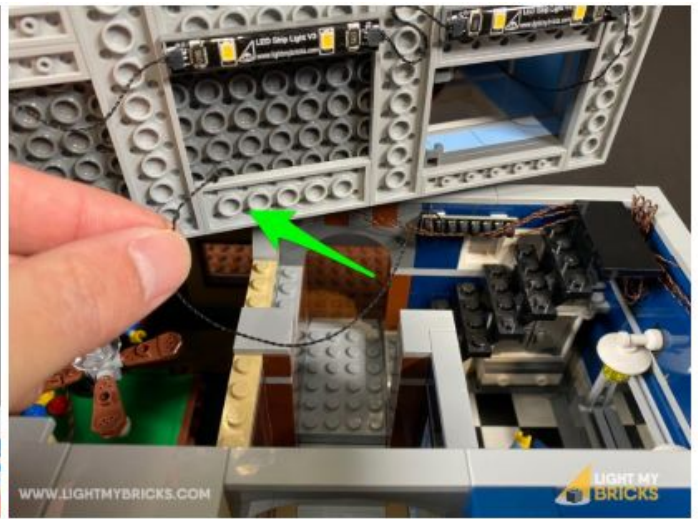
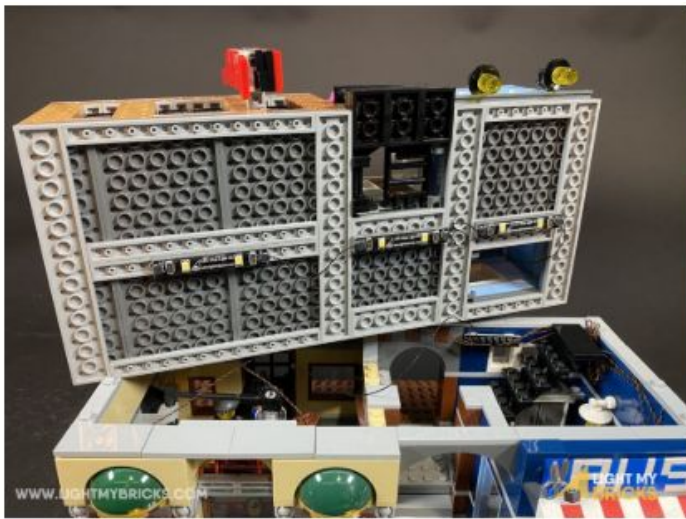




10.)



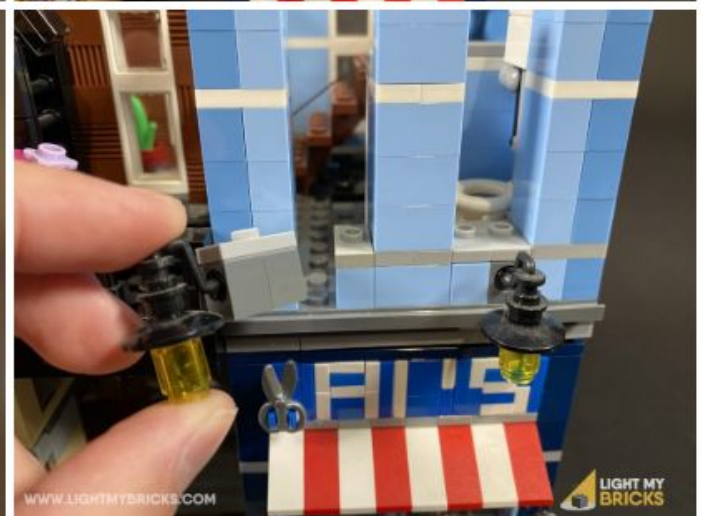
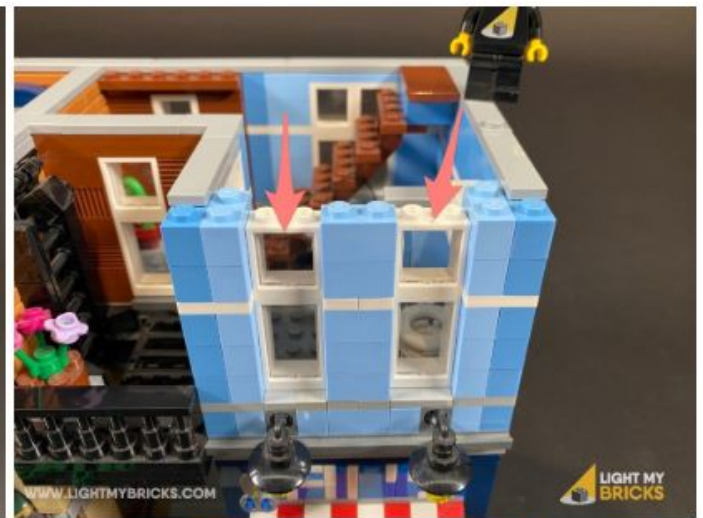


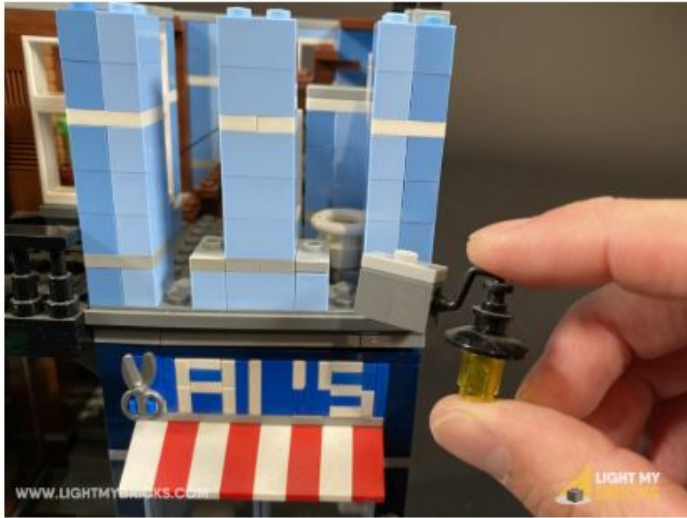


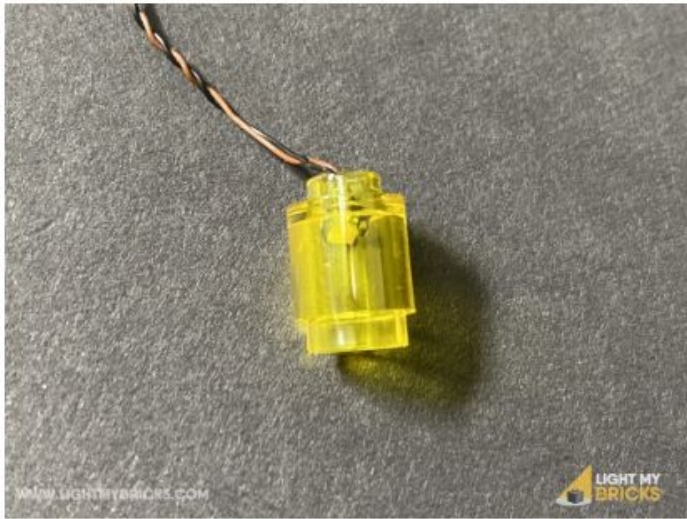
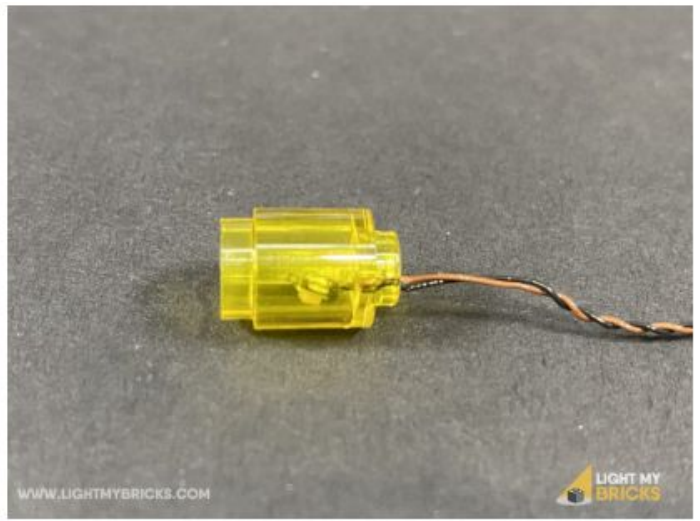
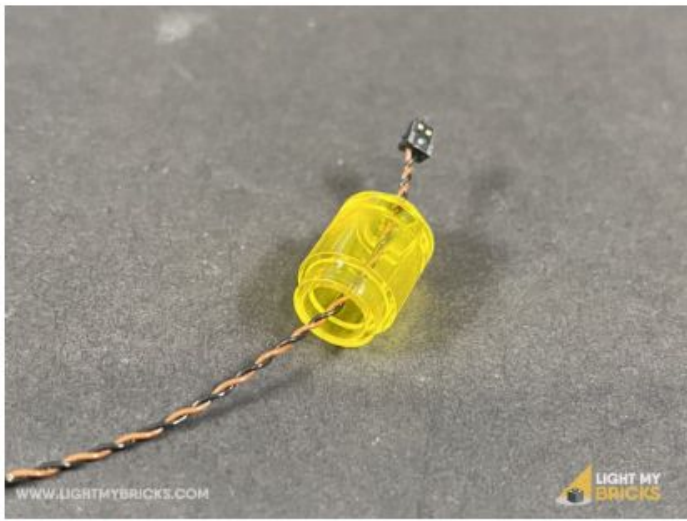


Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues on our [online troubleshooting guide](#).

11.)

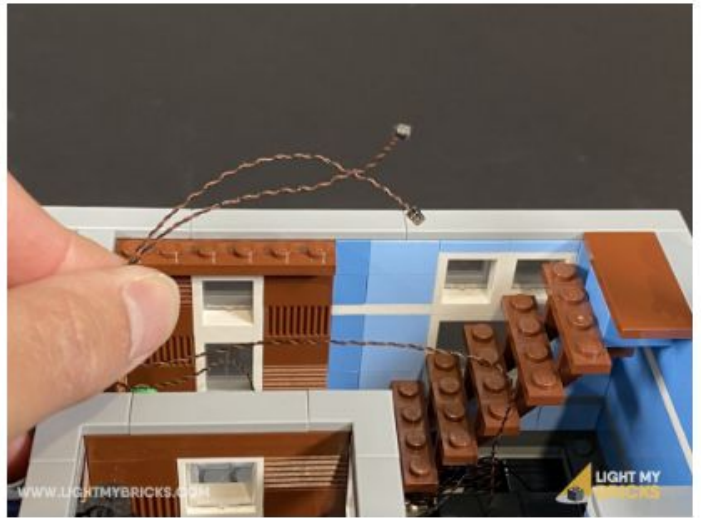
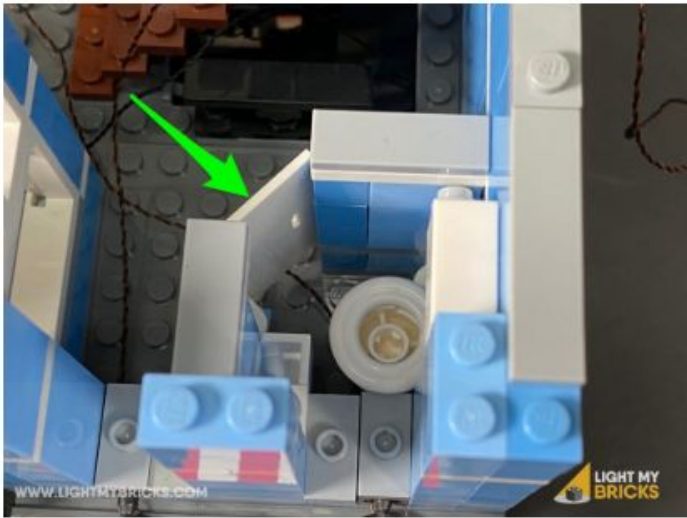
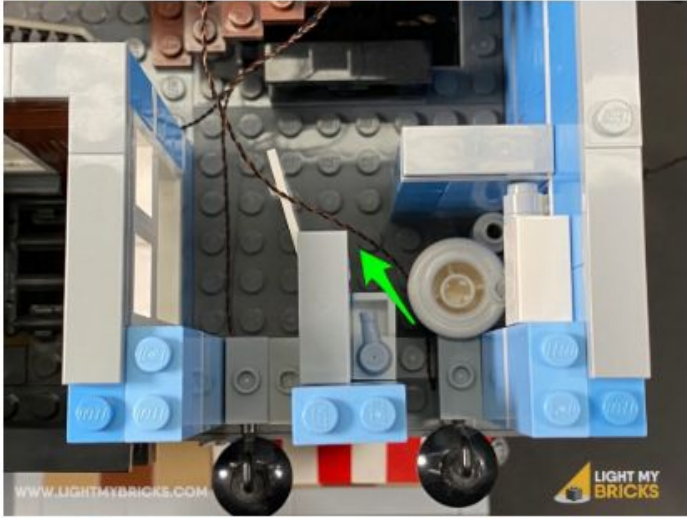
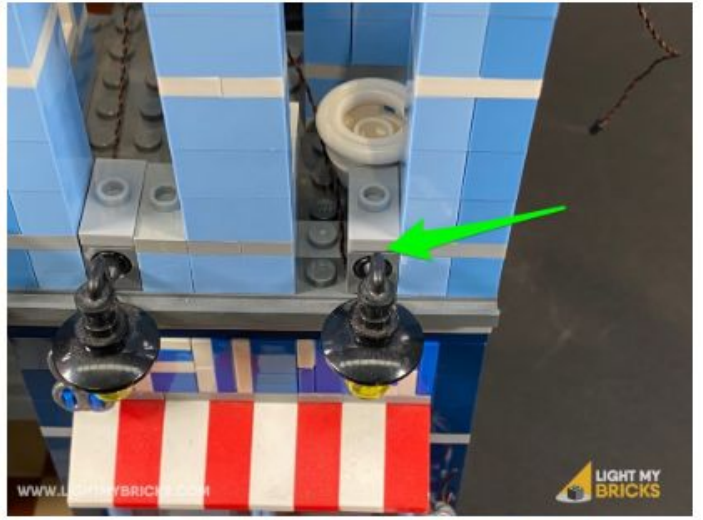


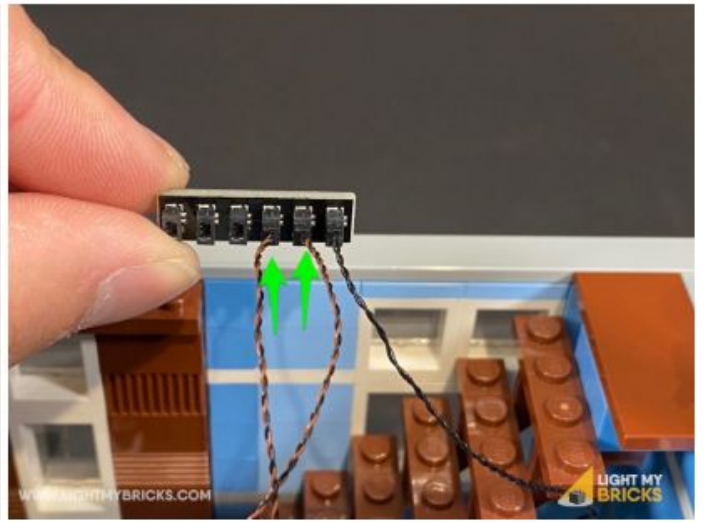




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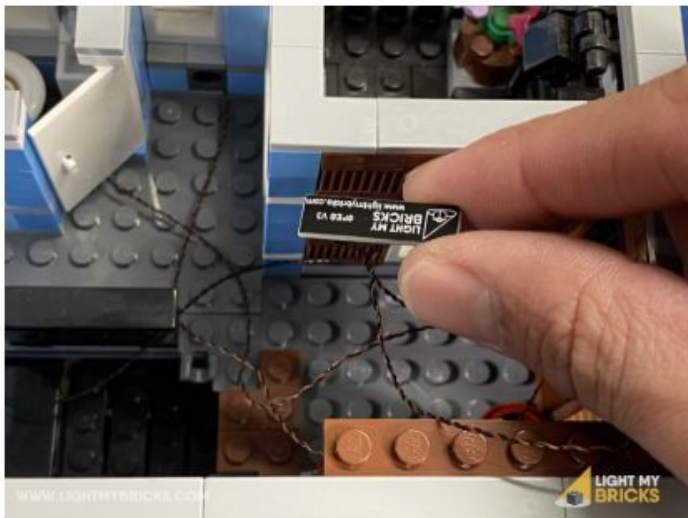
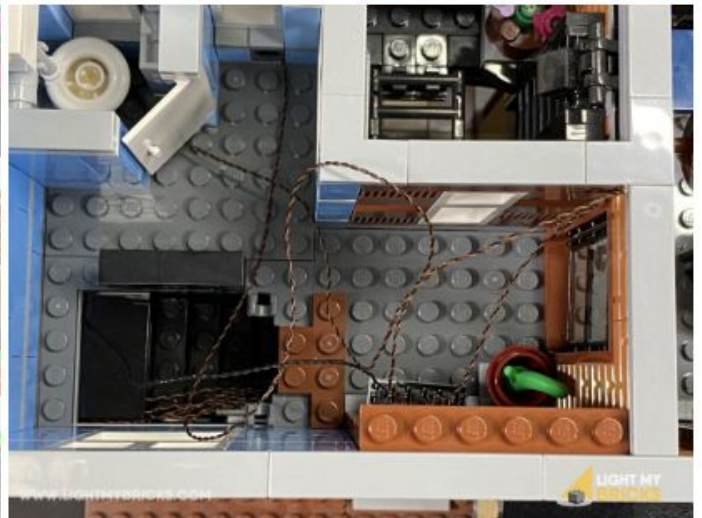
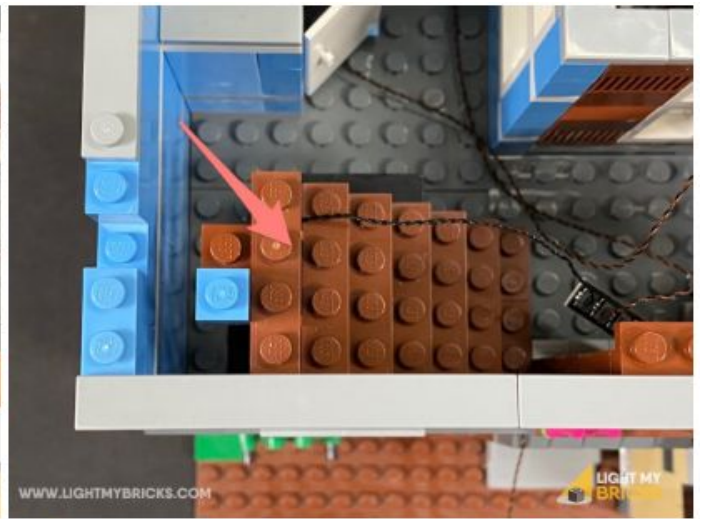
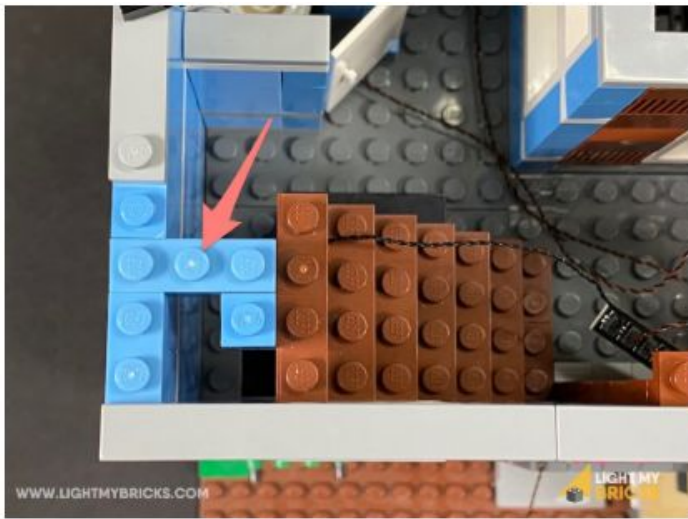


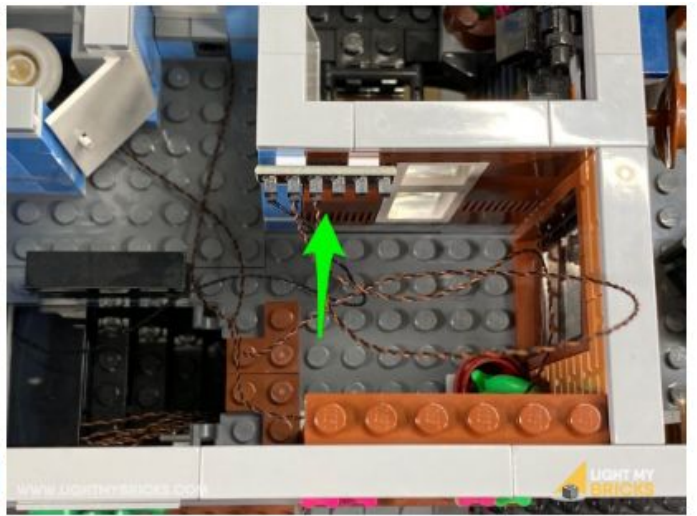
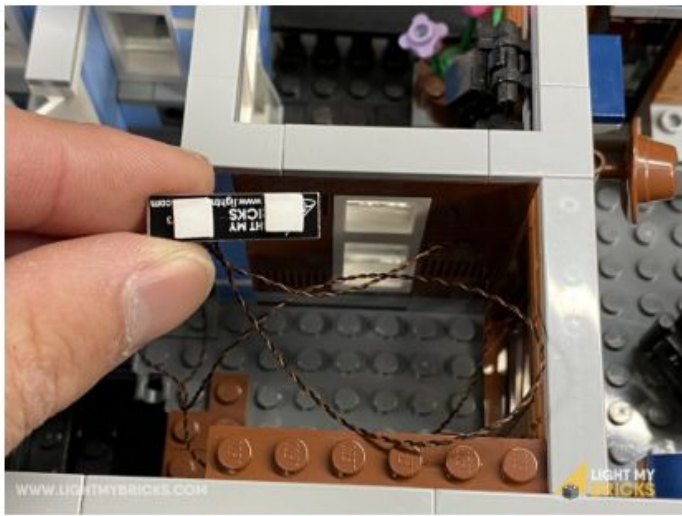




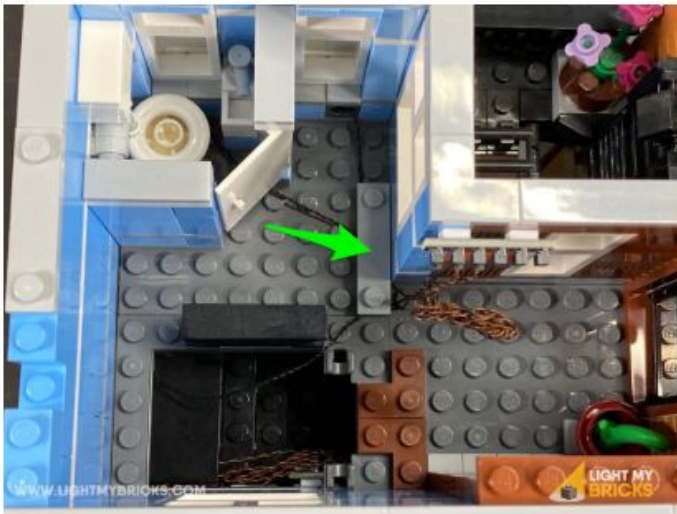
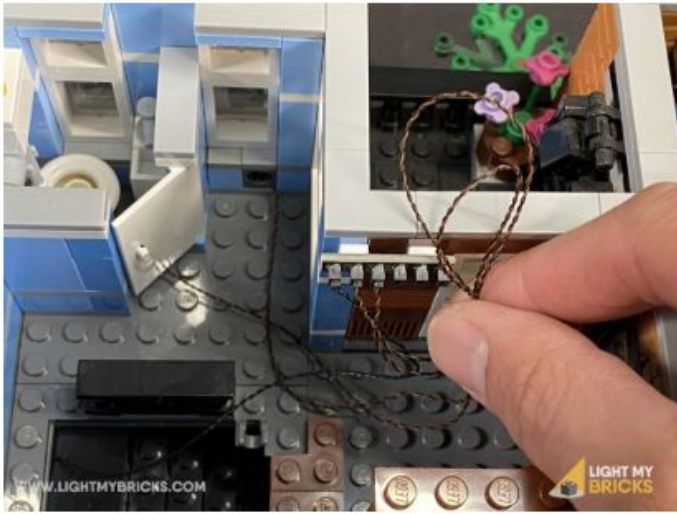
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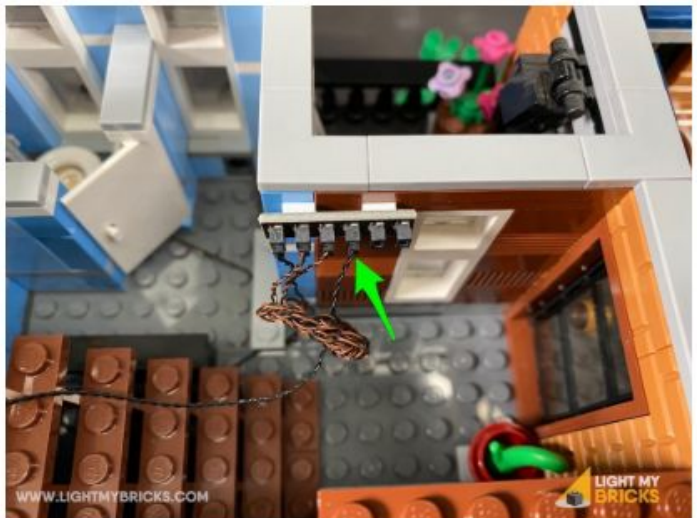
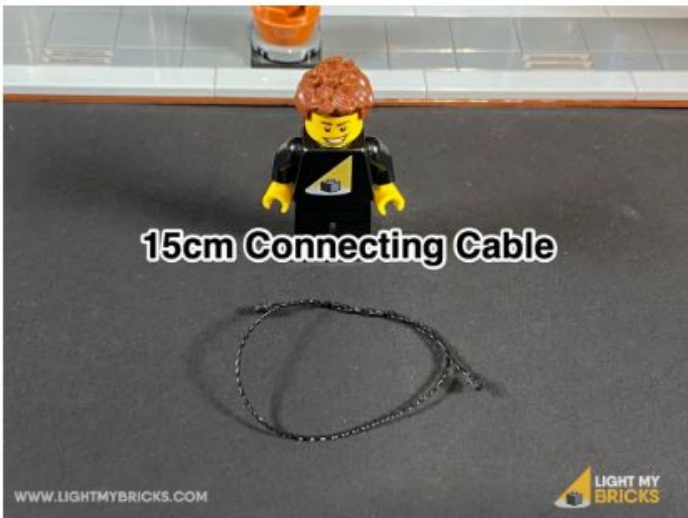
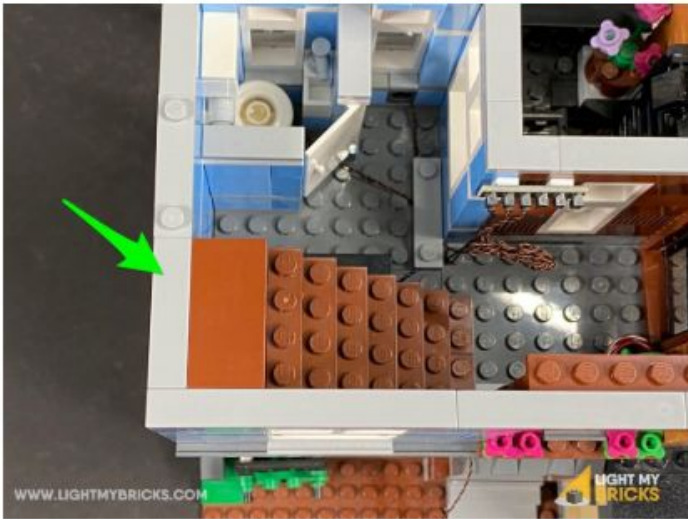
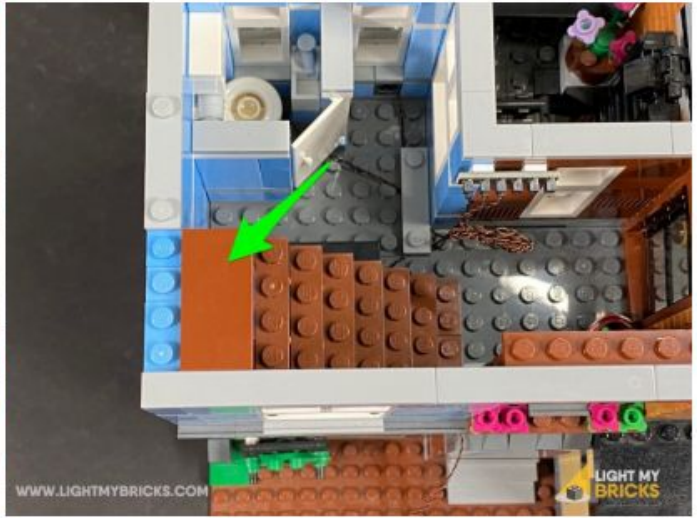
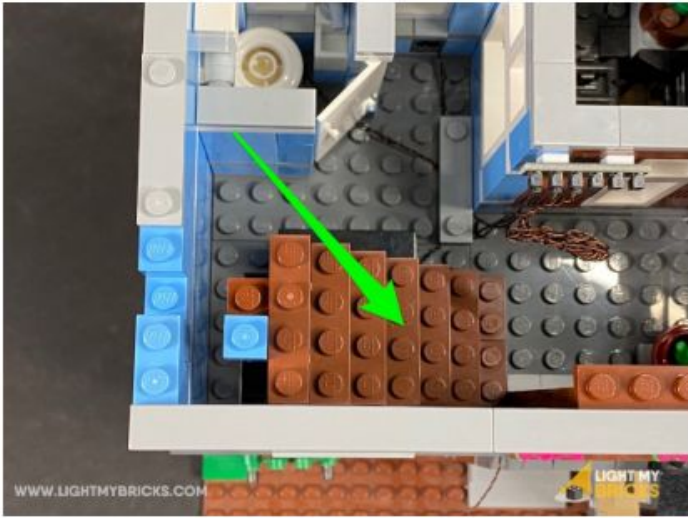


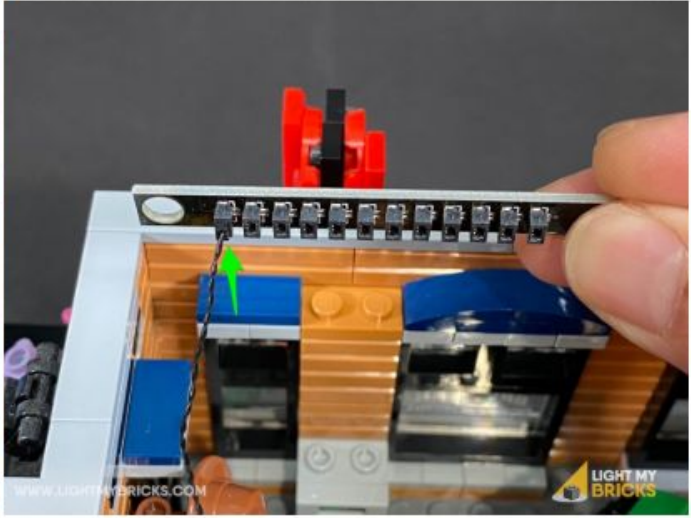




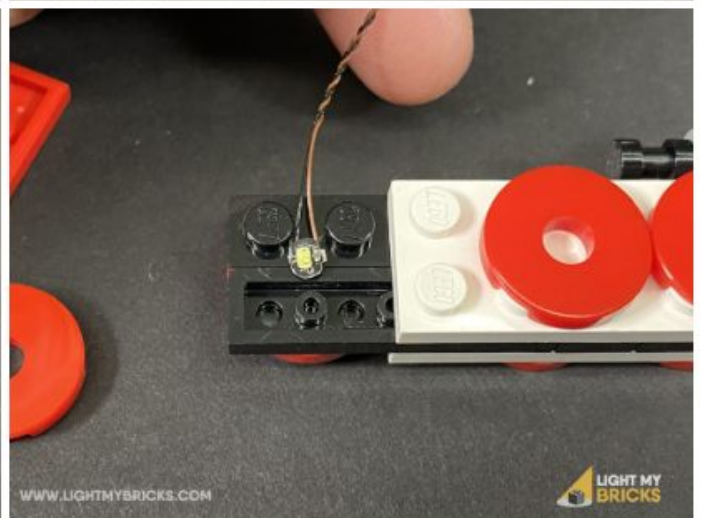
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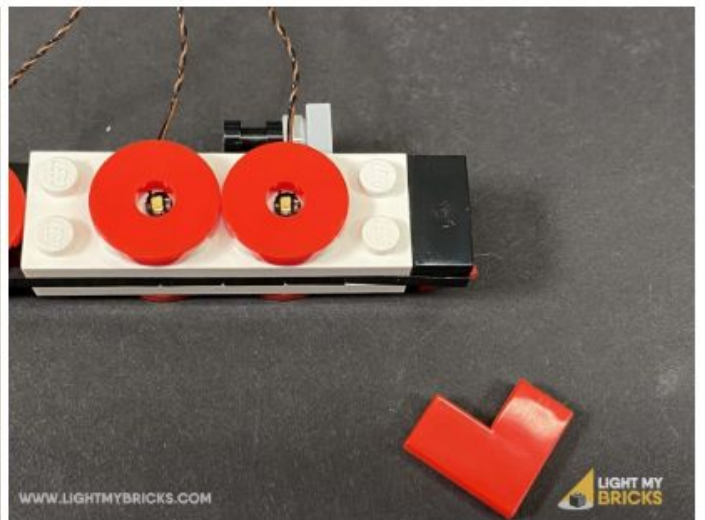
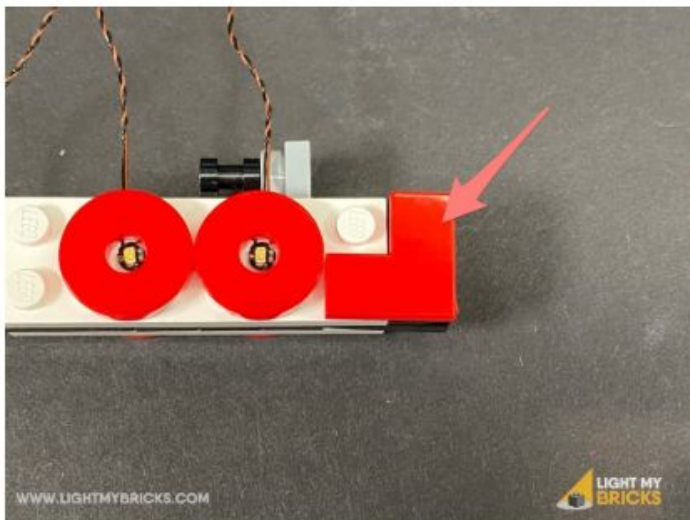
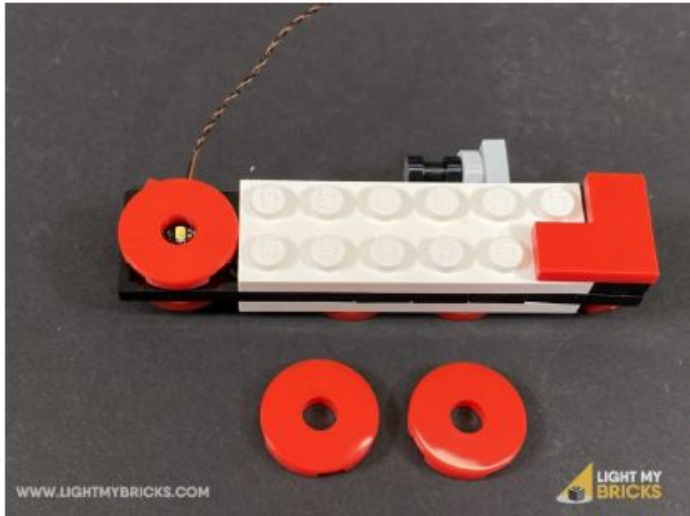
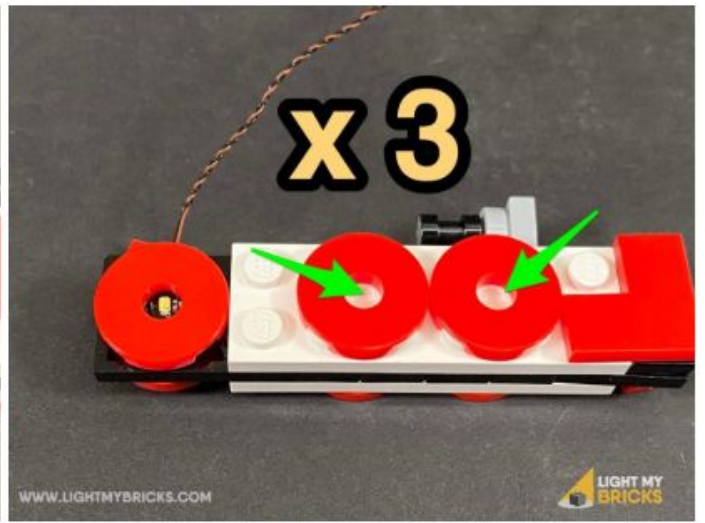
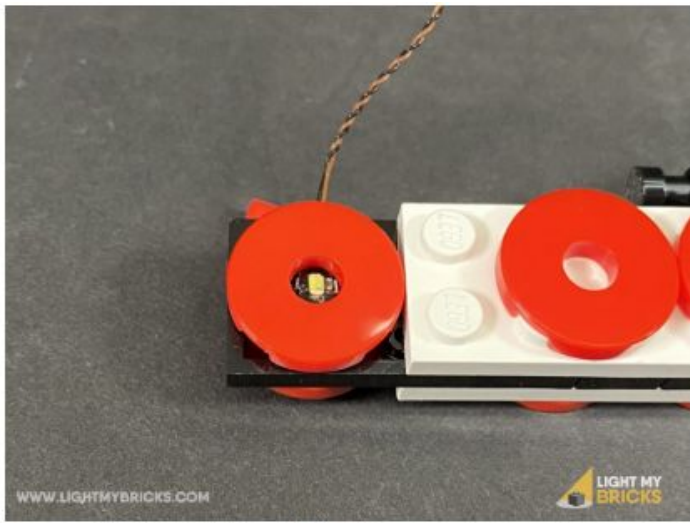




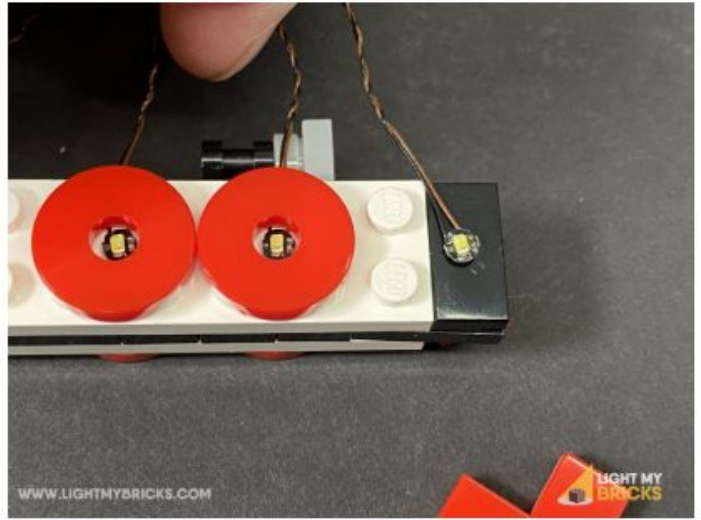


15.)





Flashing White 30cm Bit Light



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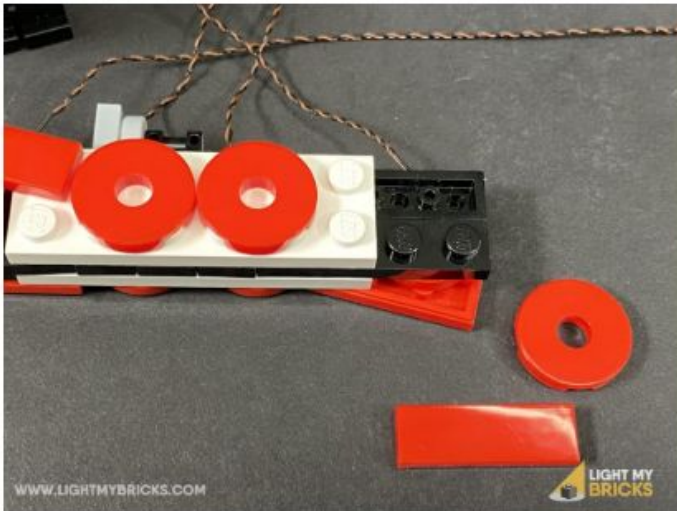
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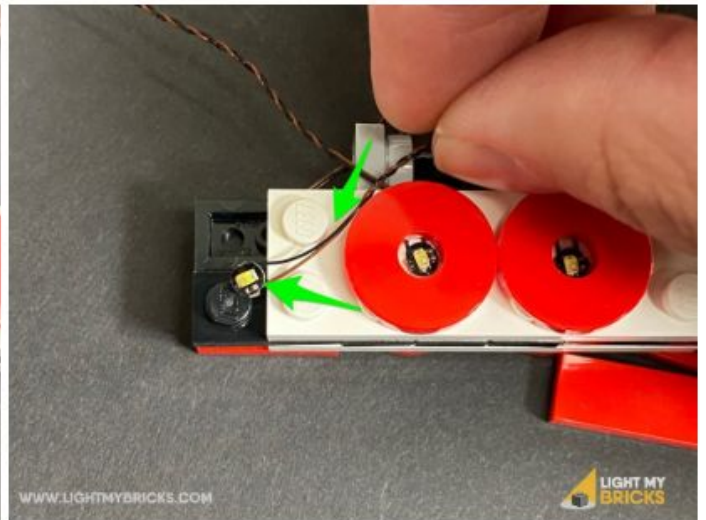
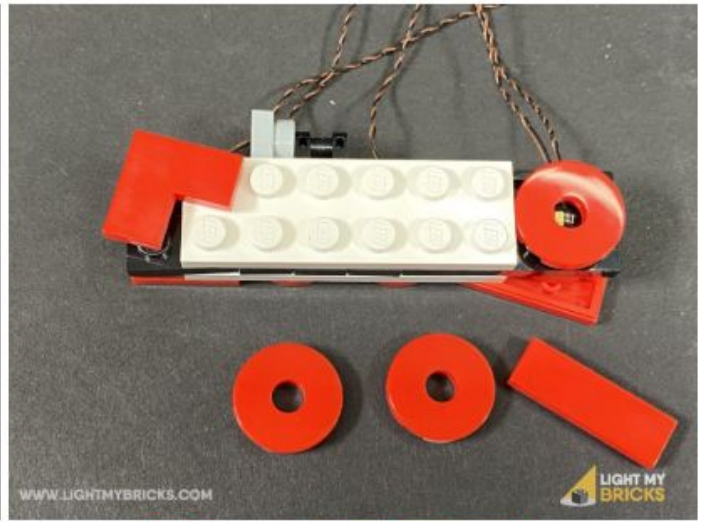
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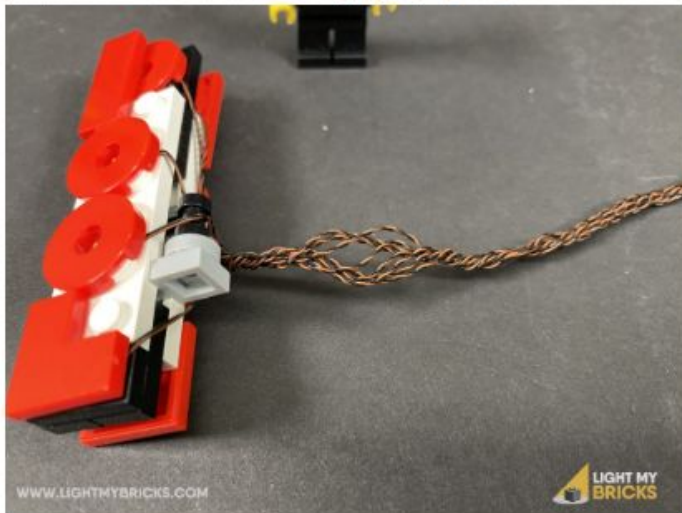
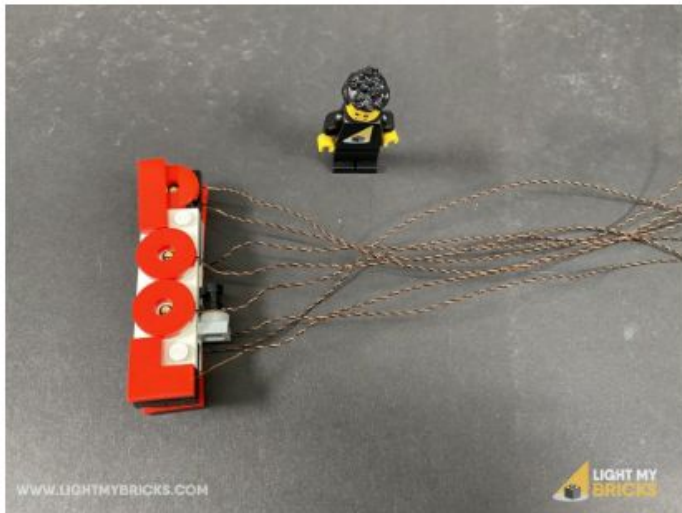
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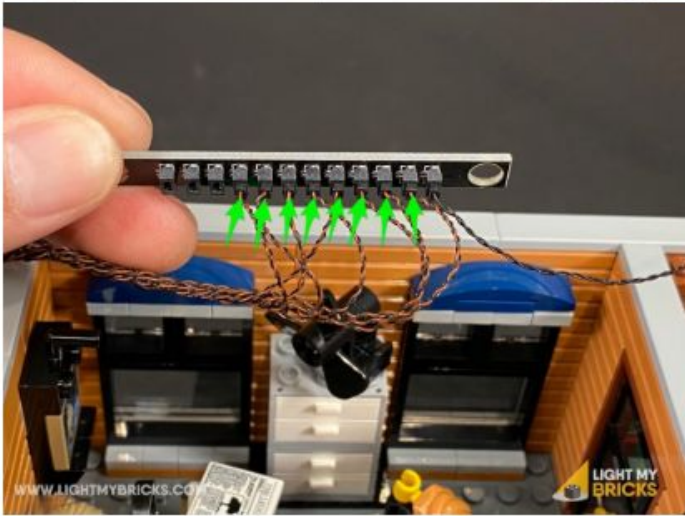
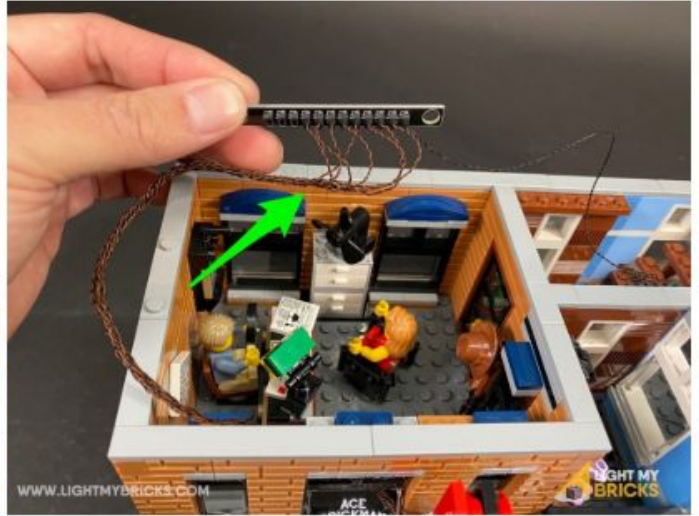




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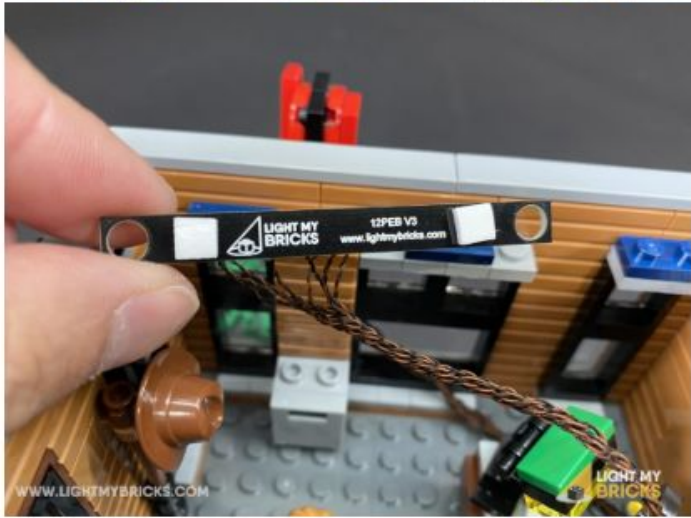
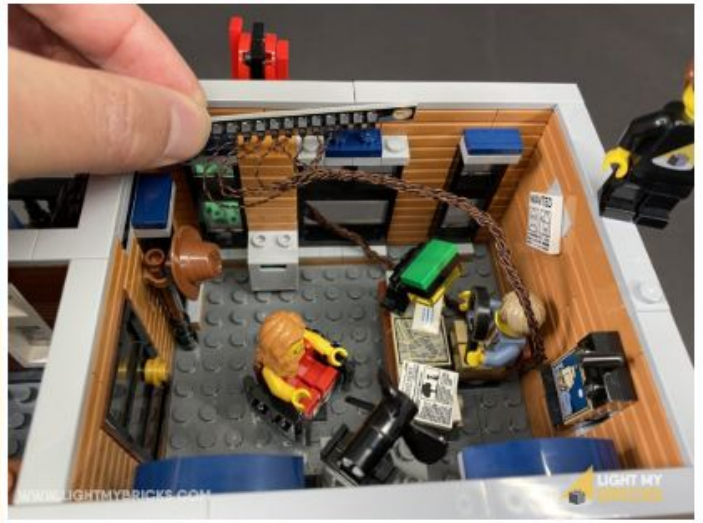
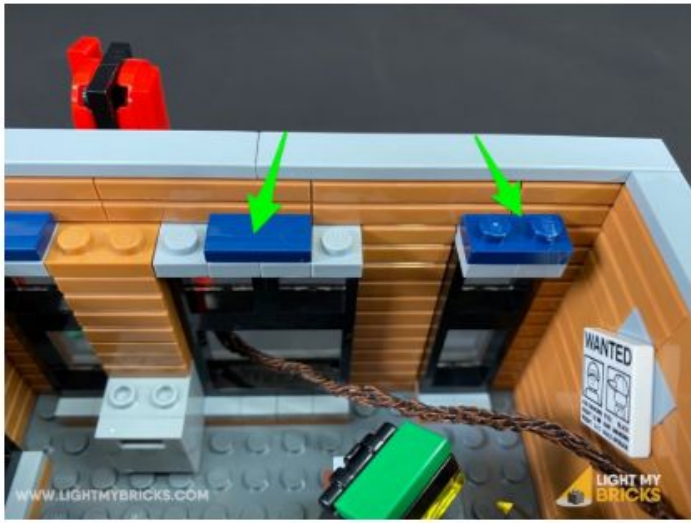


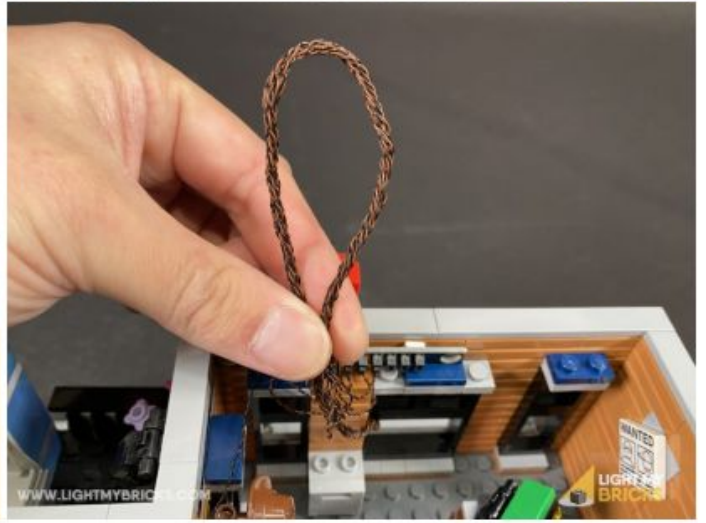
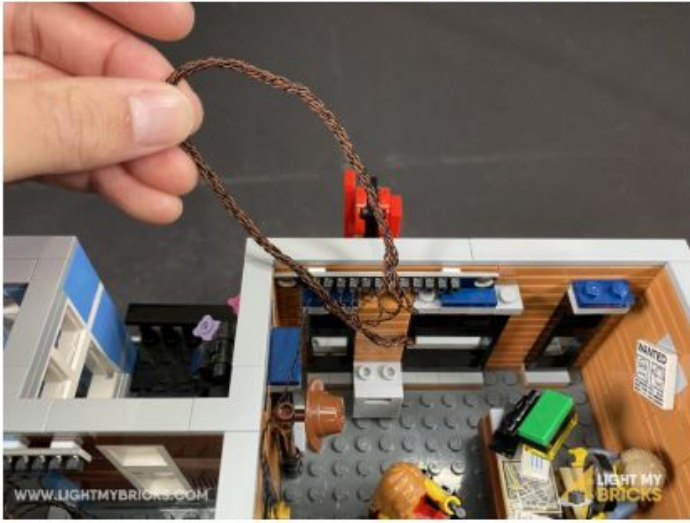
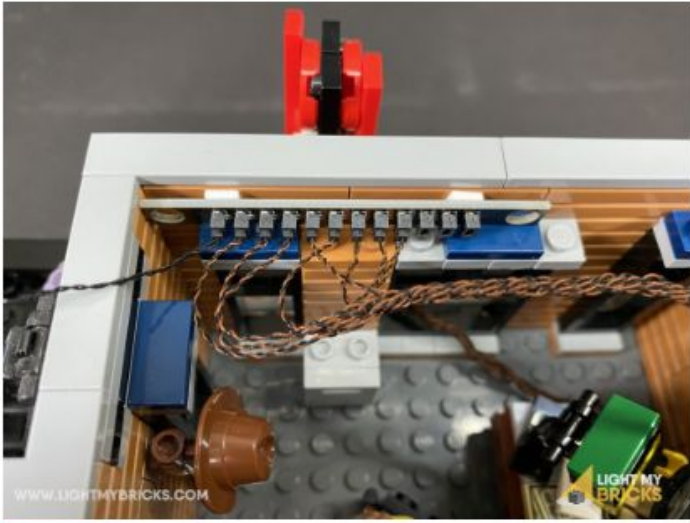


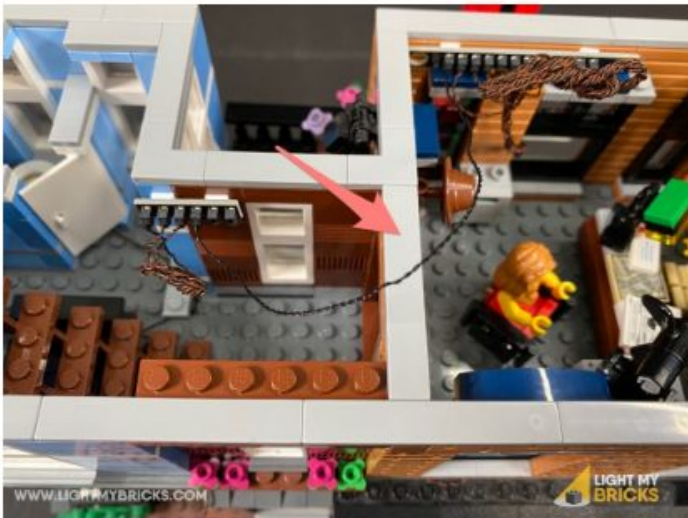
*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues on our **online troubleshooting guide**.*

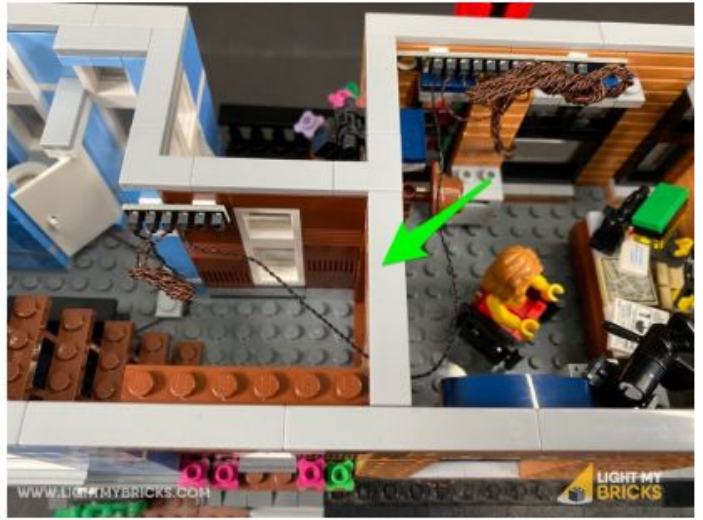
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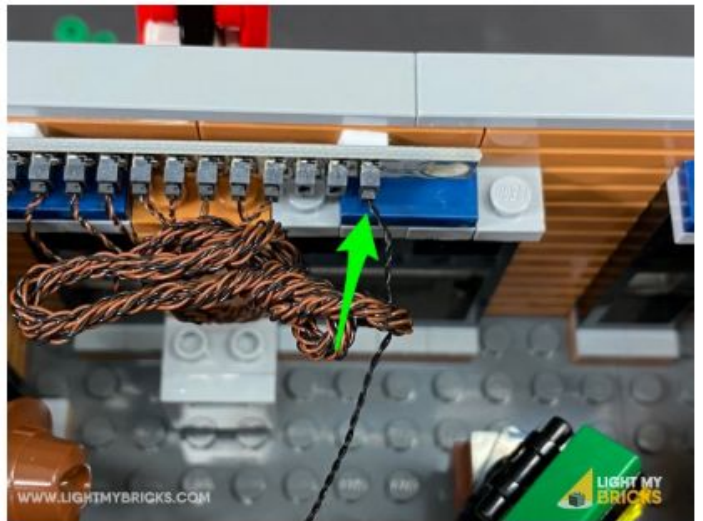


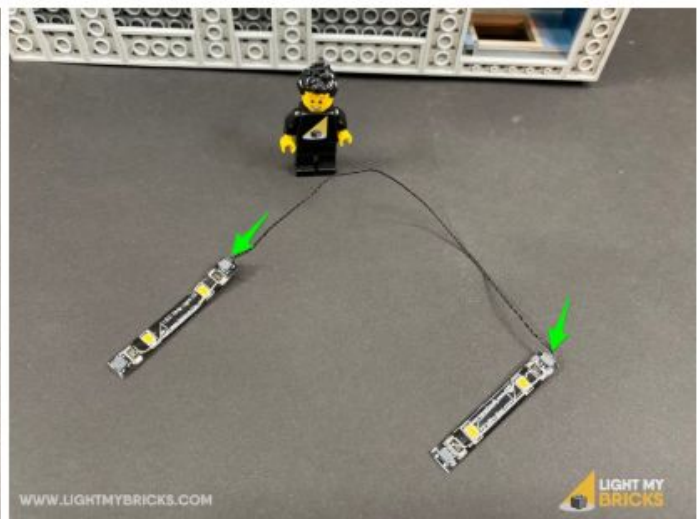
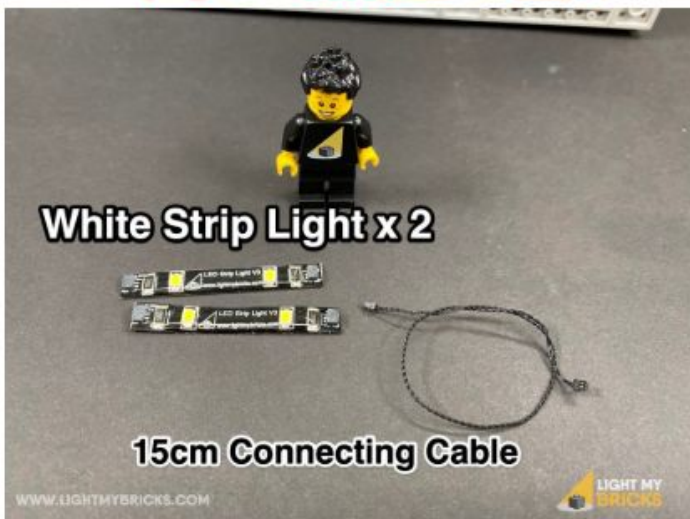




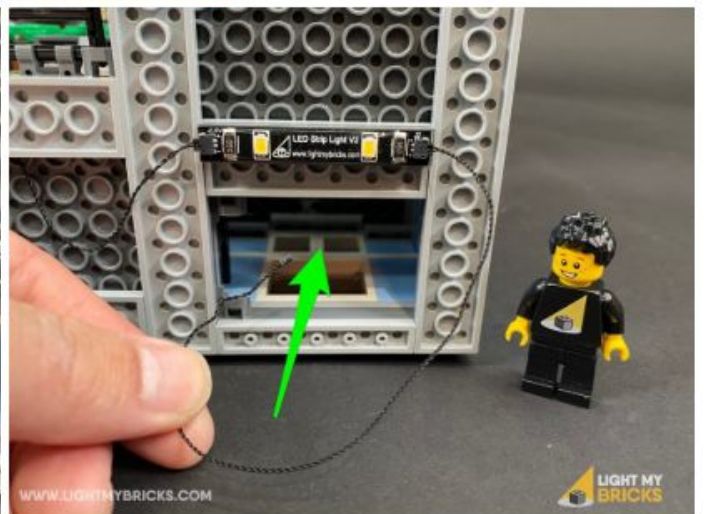
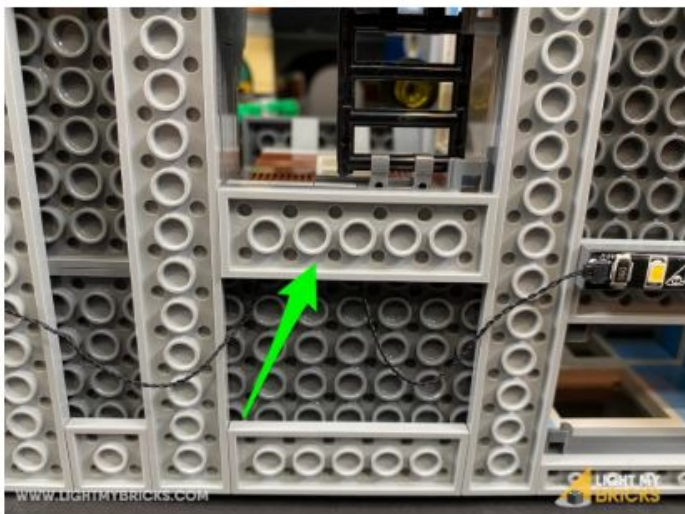
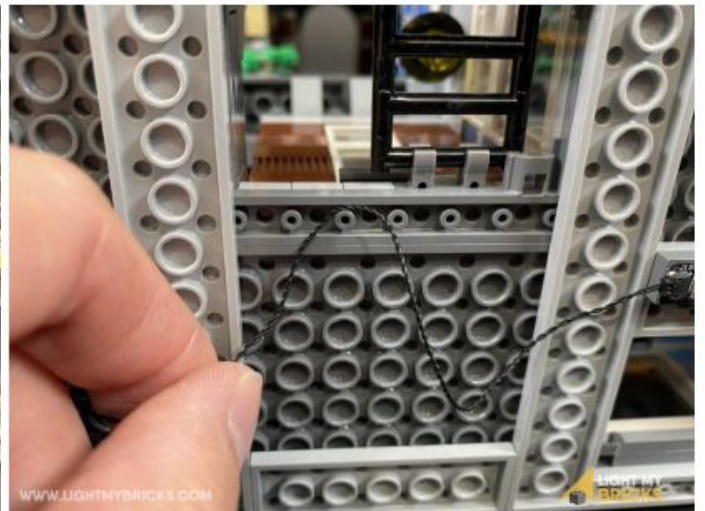


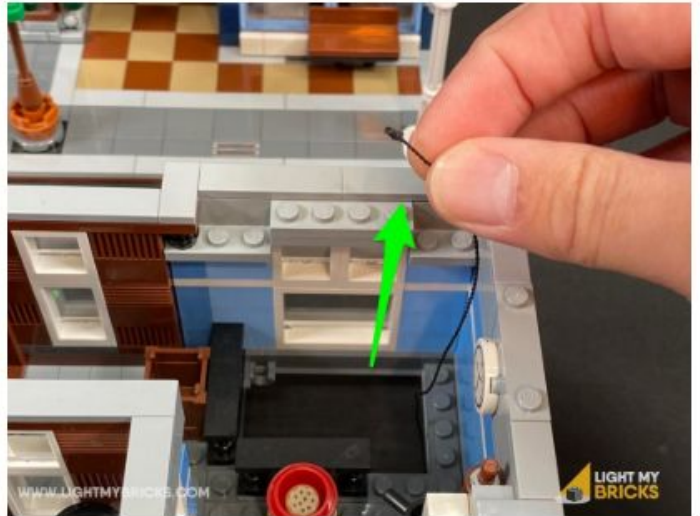
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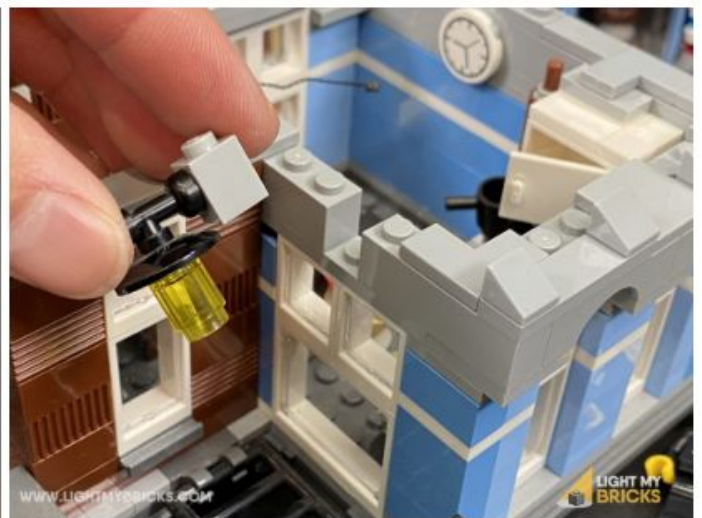


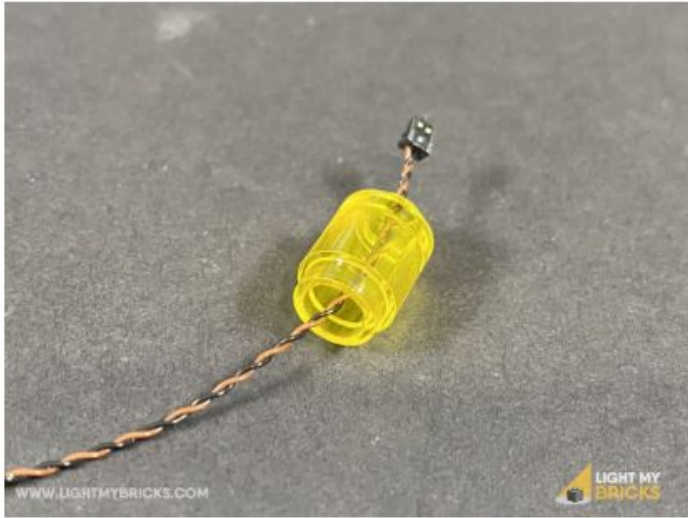


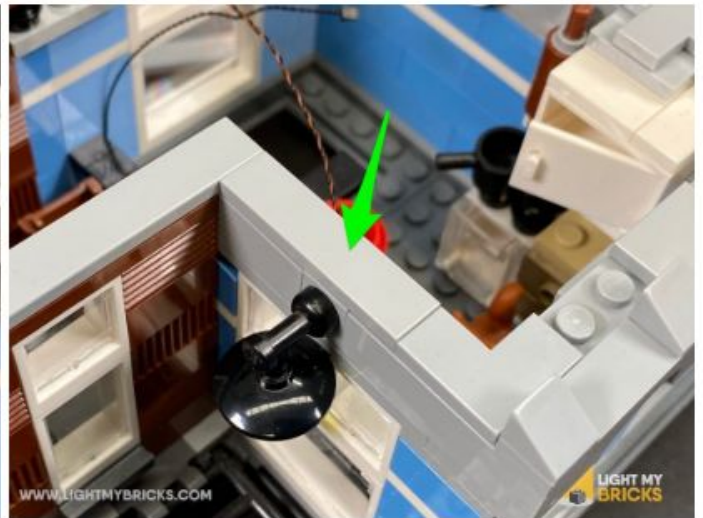




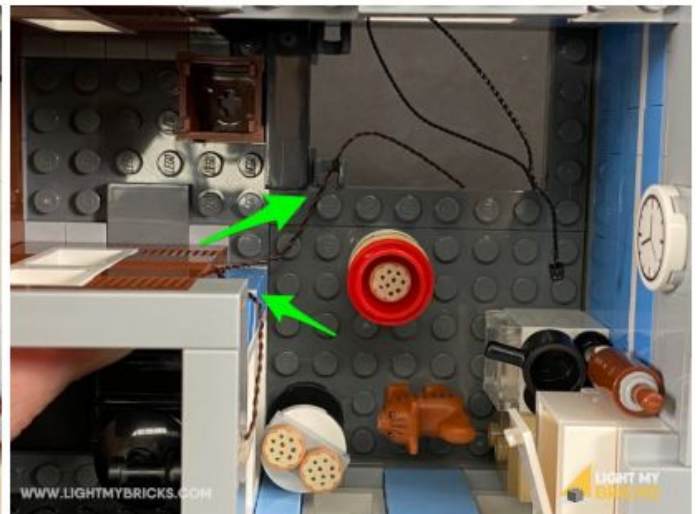
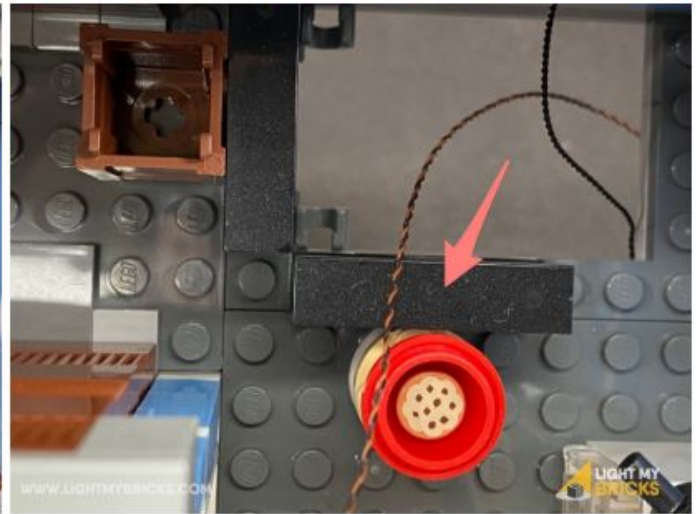
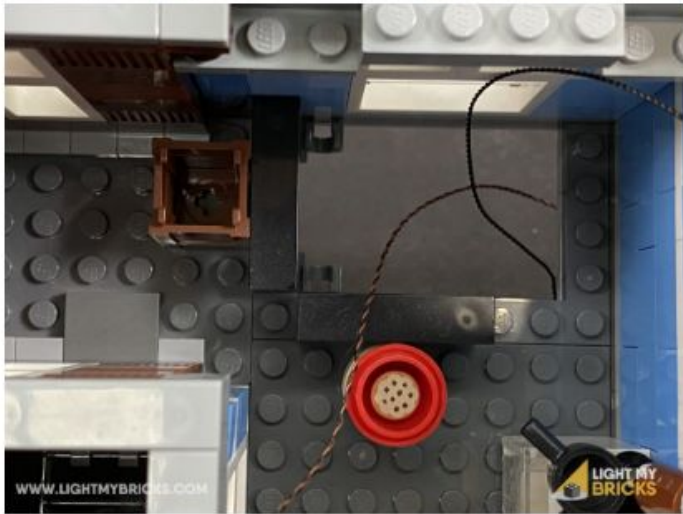
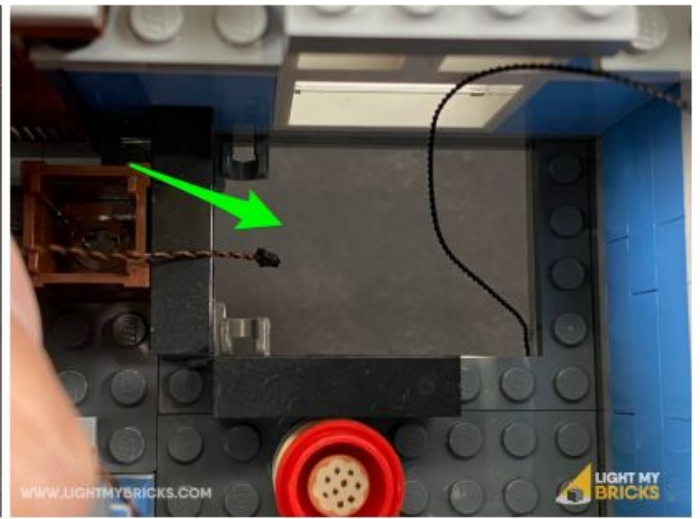
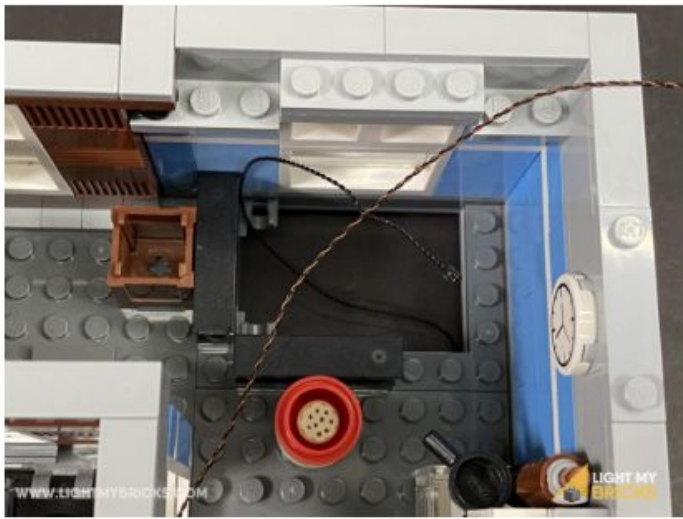
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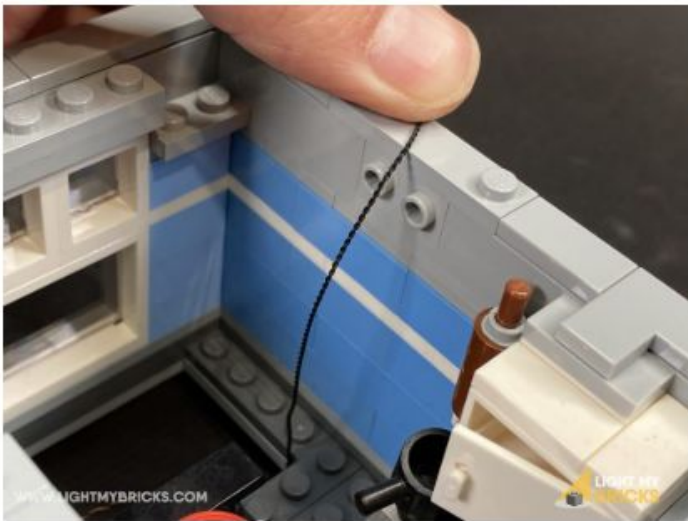
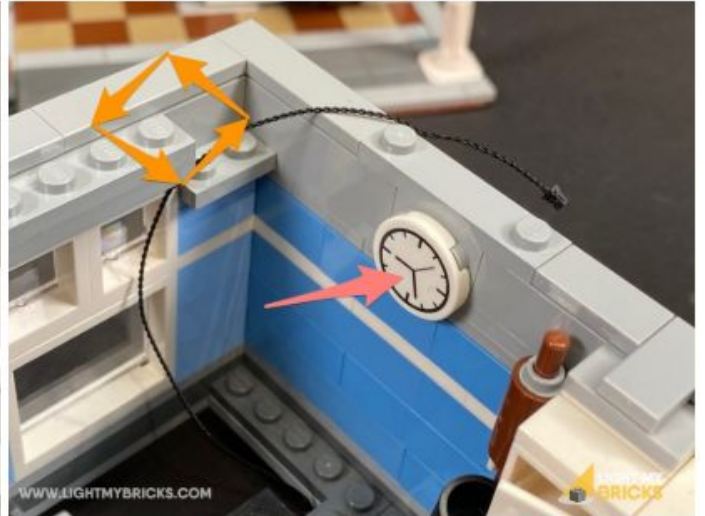
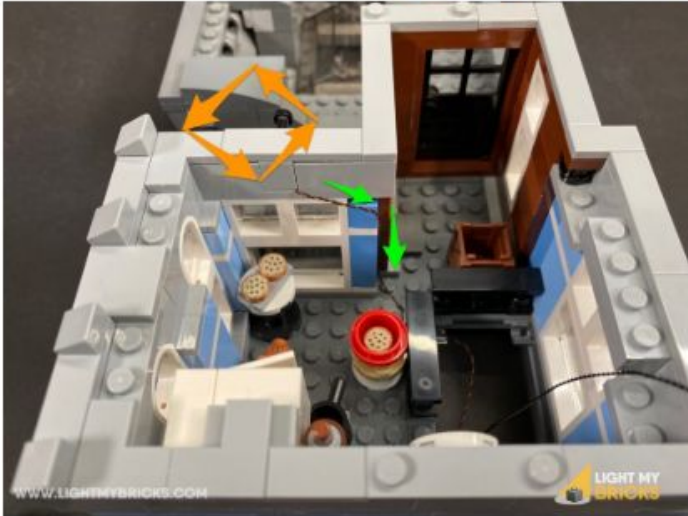
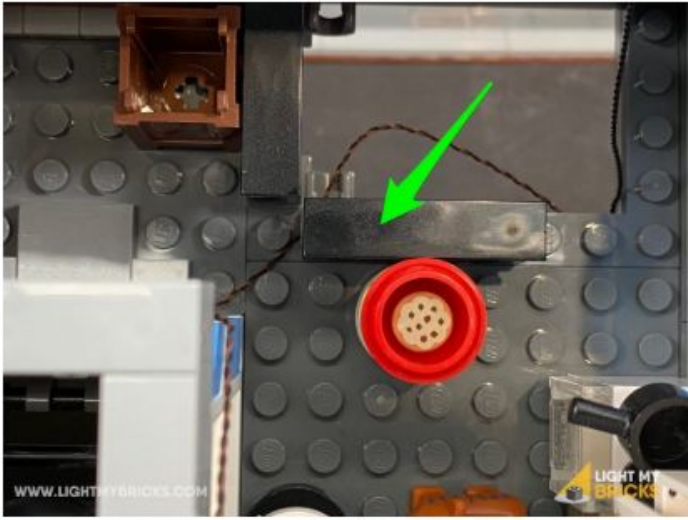




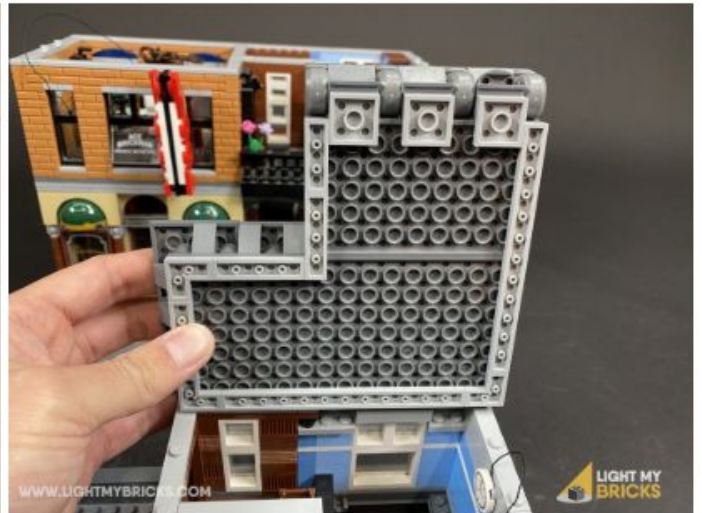


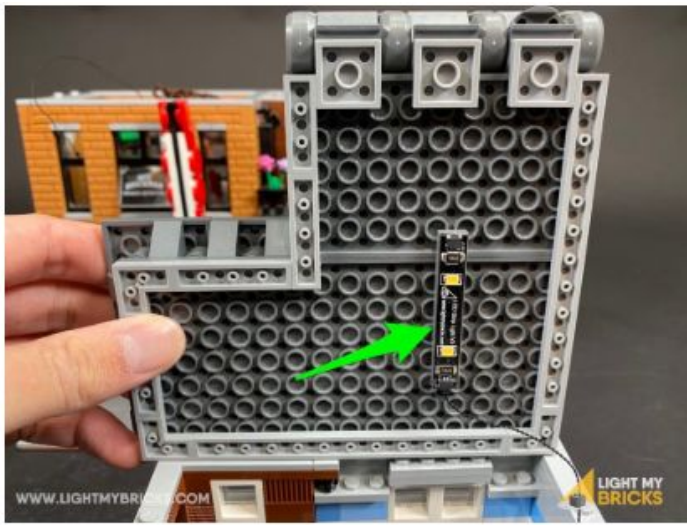
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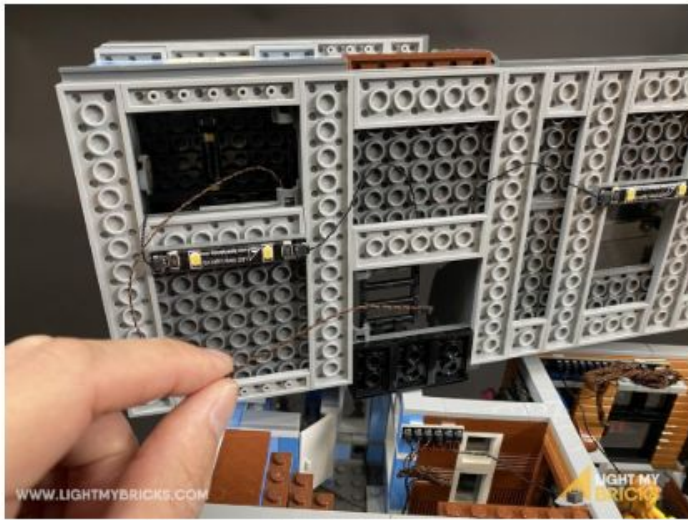




22.)









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This finally completes installation of the Light My Bricks Detective's Office 10246 Light Kit.

We thank you for purchasing this product and hope you ENJOY!

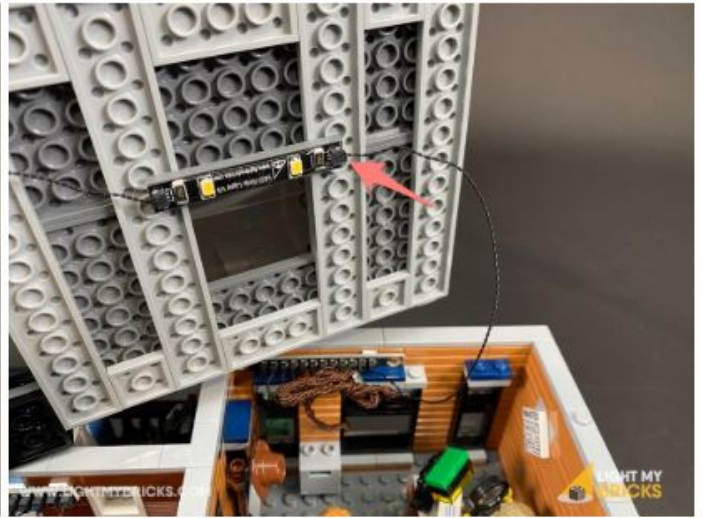
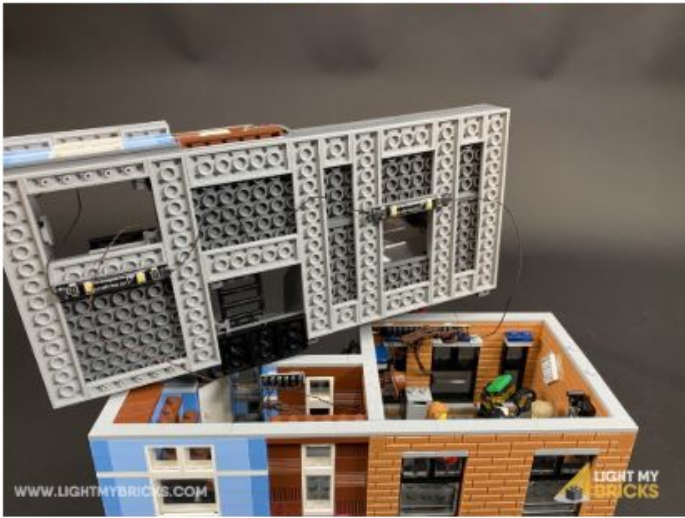
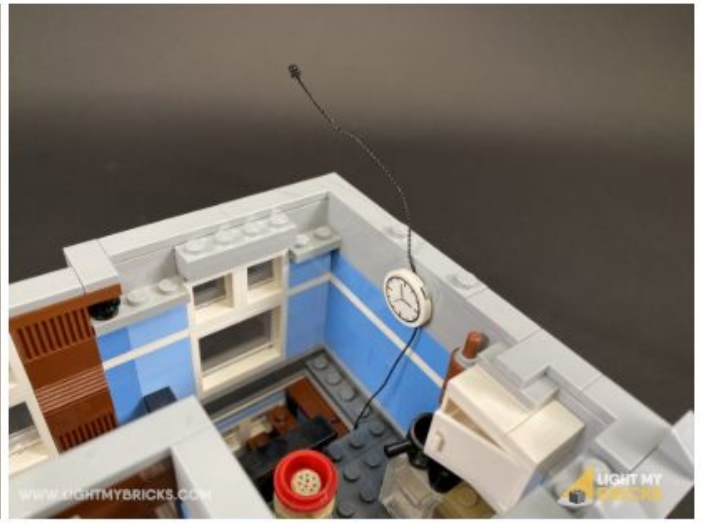
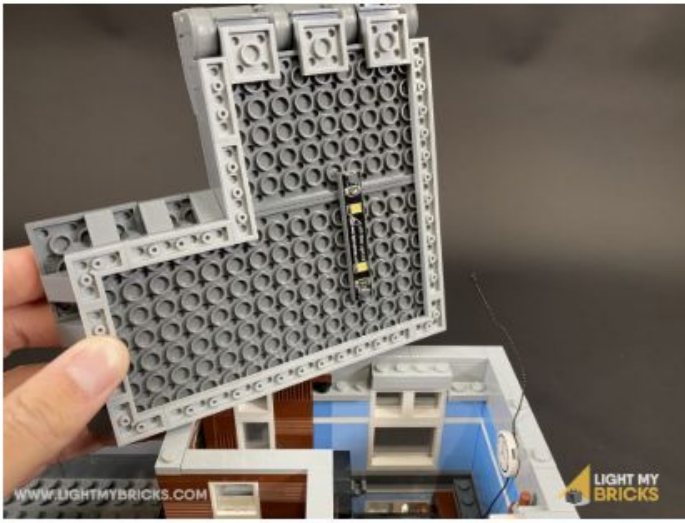
Wireless Power Connectors (sold separately)

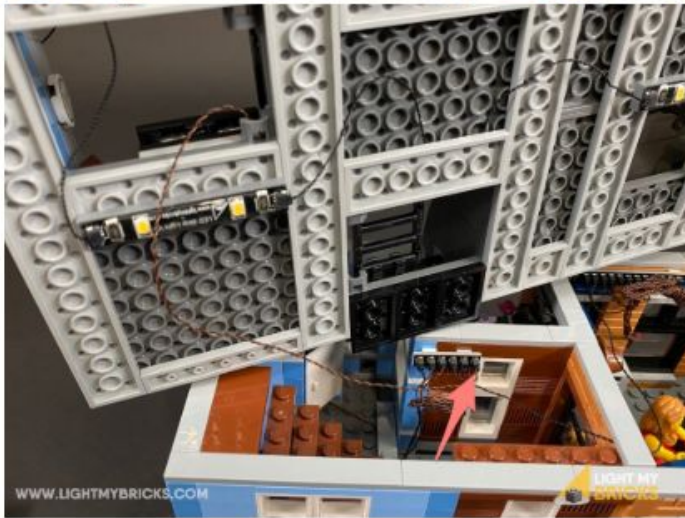
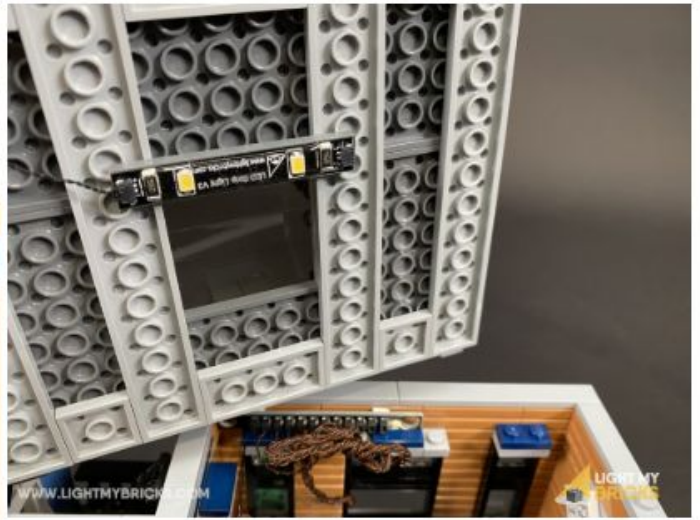
Follow the below instructions if you wish to install them if you wish to use Light My Bricks Wireless Power Connectors in between floors. You will require the following extra parts (sold separately)

- 3x Wireless Power Connector sets (Available to purchase in a 2pk)
- 1x 6-Port Expansion Board

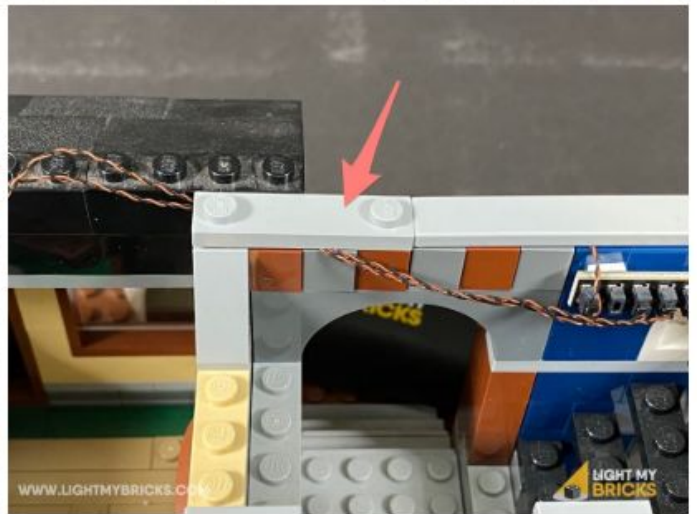
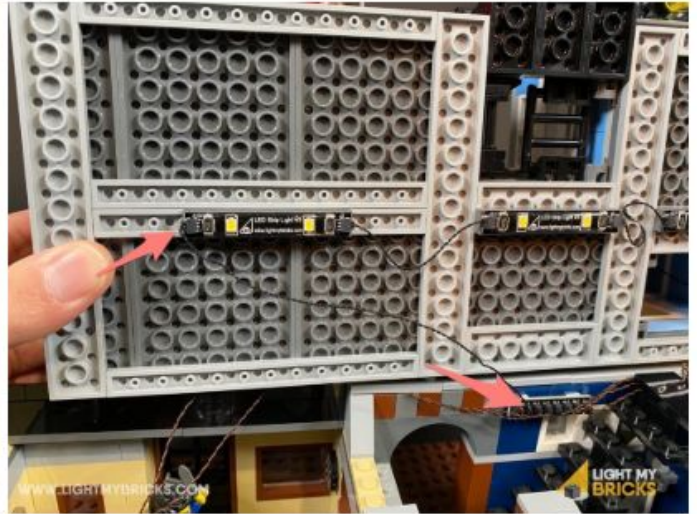
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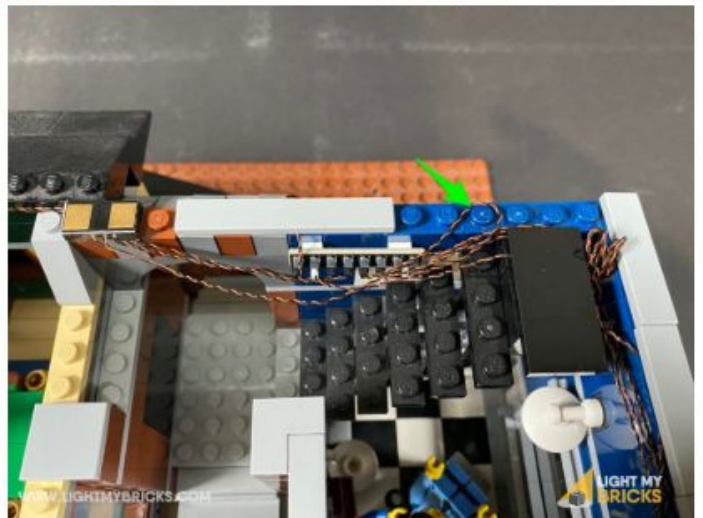
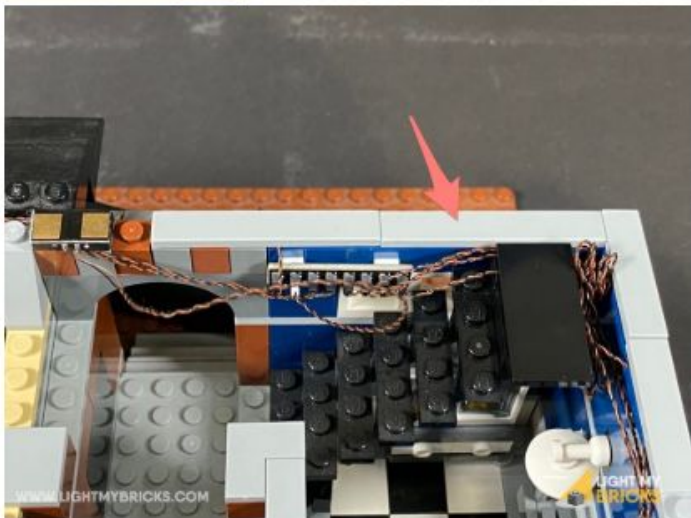
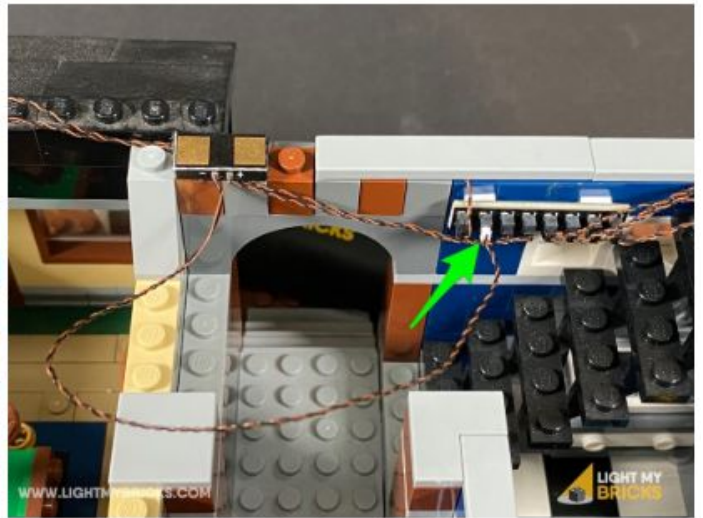
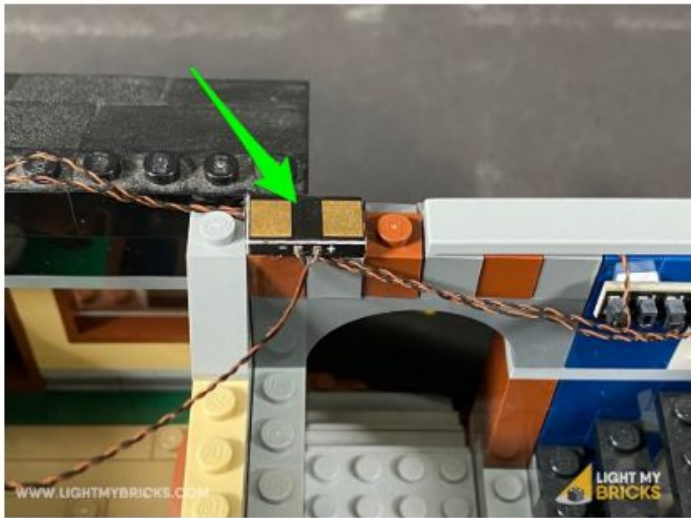


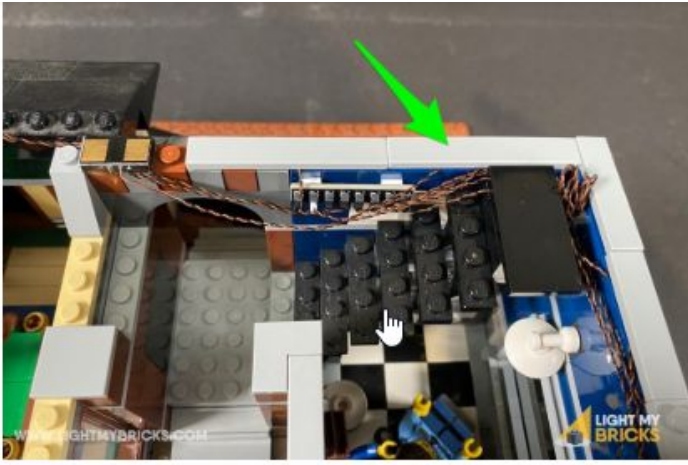




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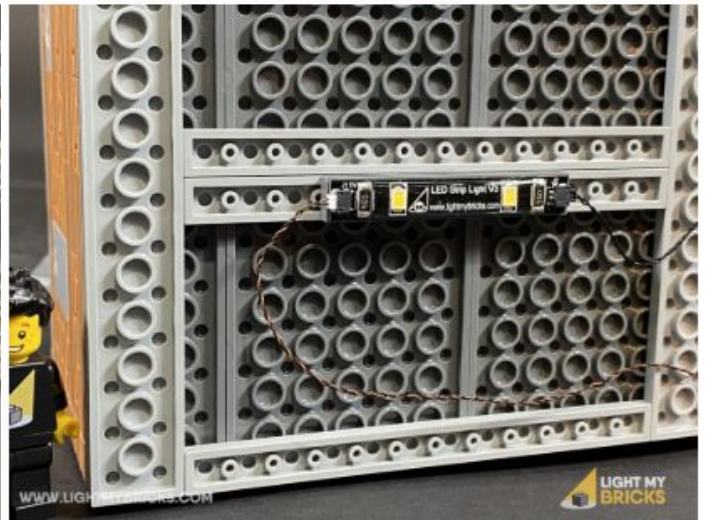
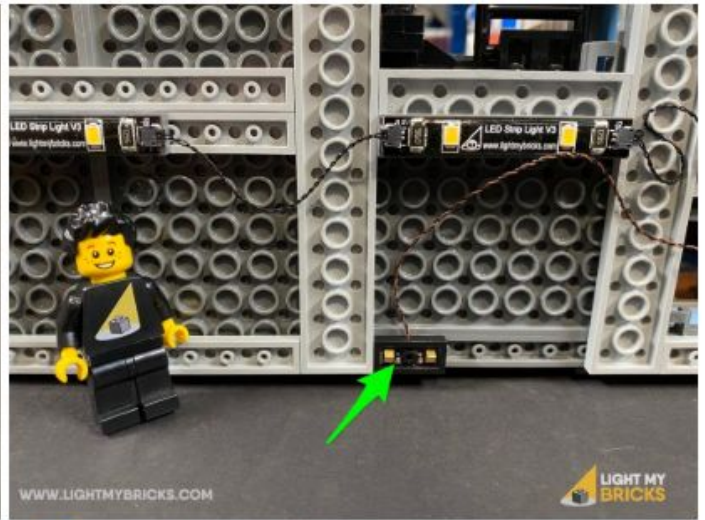
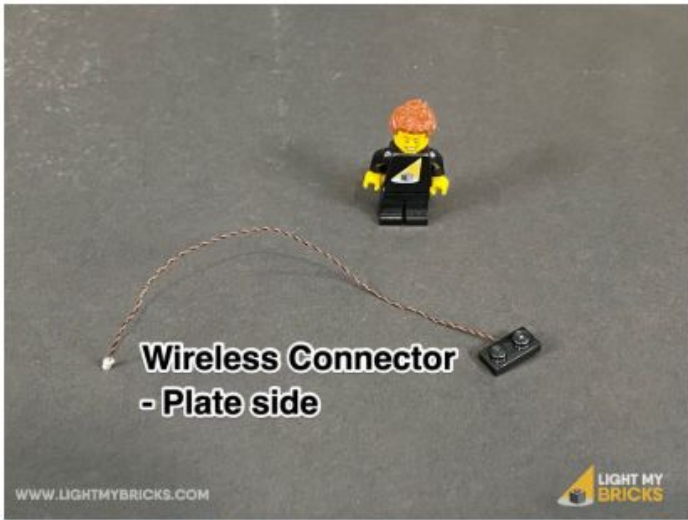






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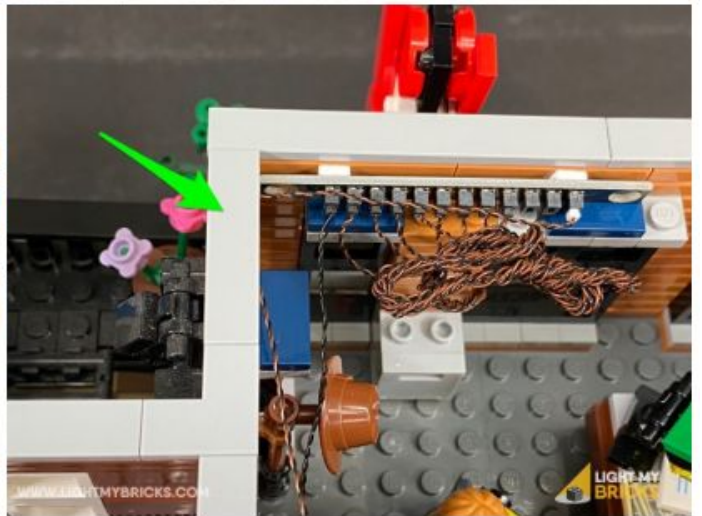
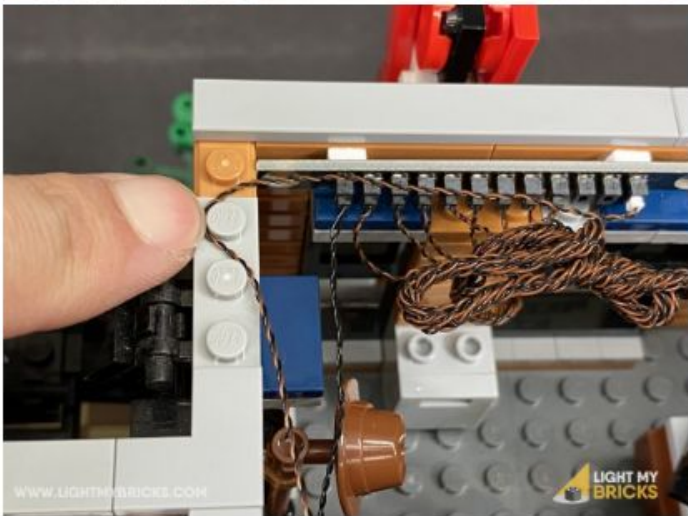
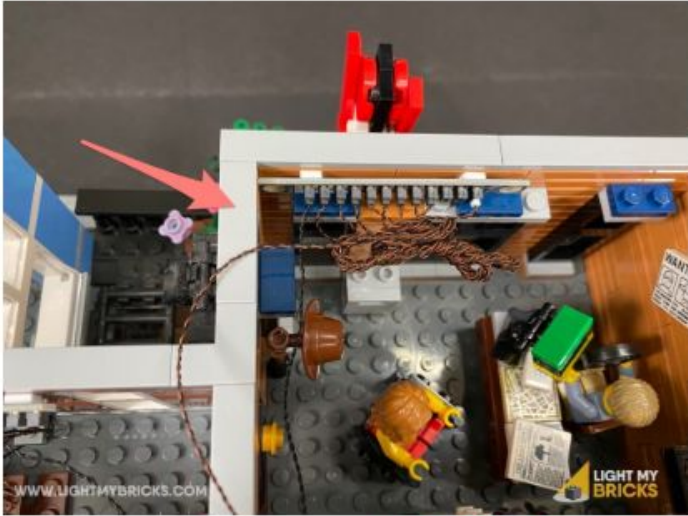






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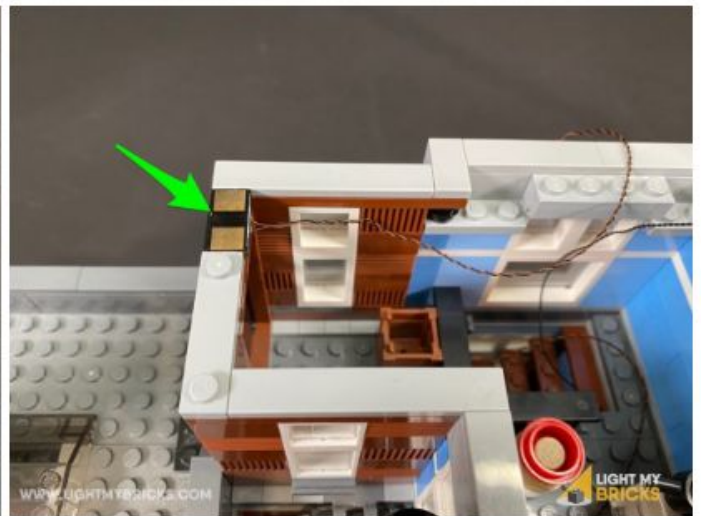
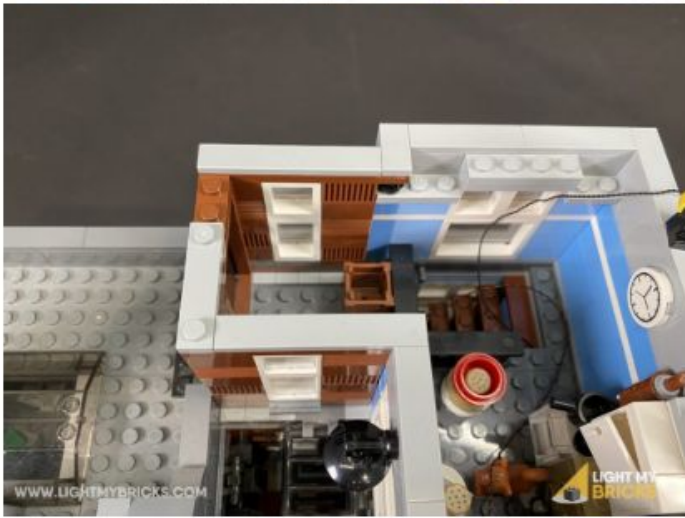
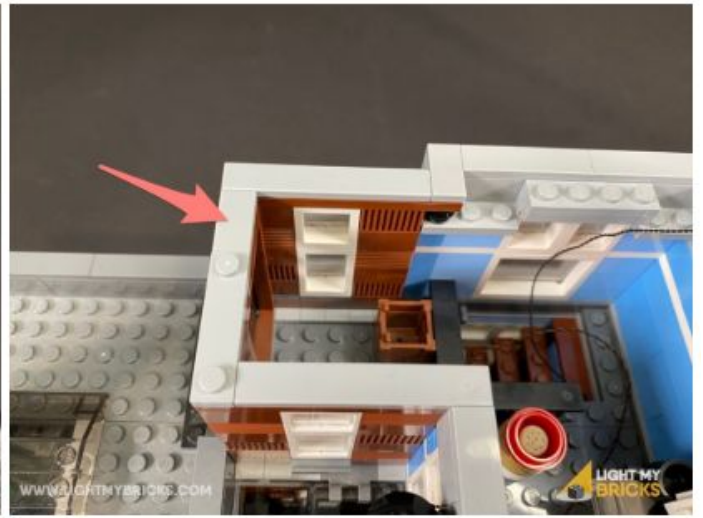


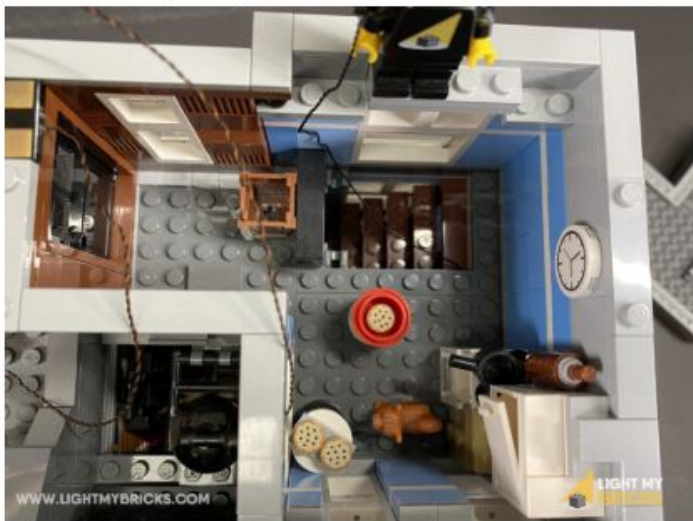
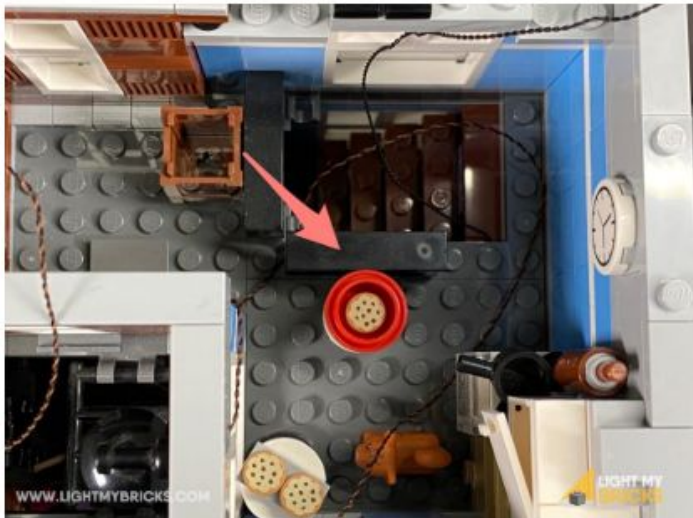
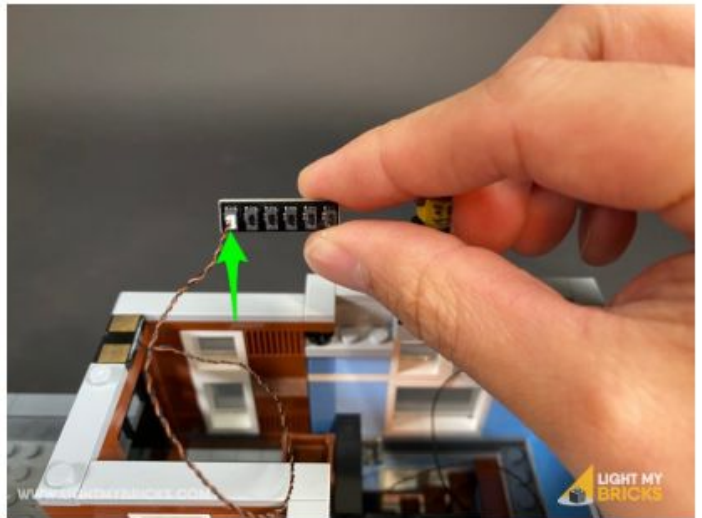
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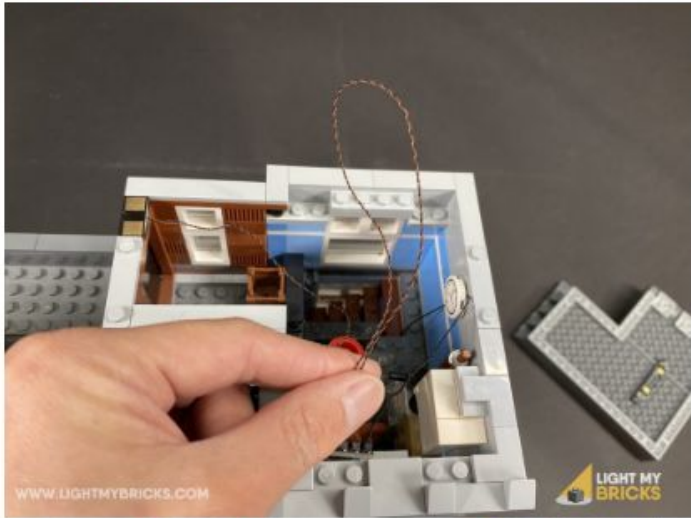
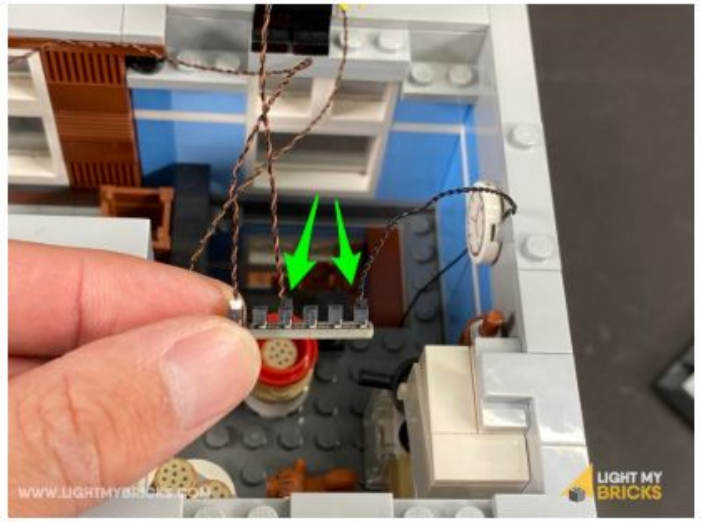
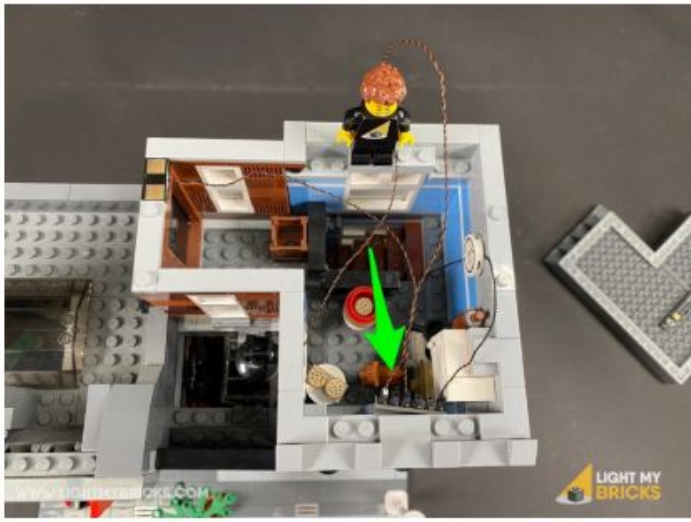


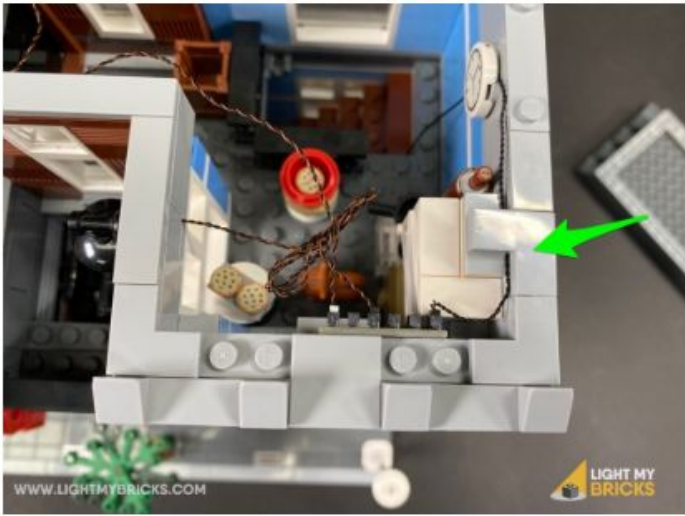
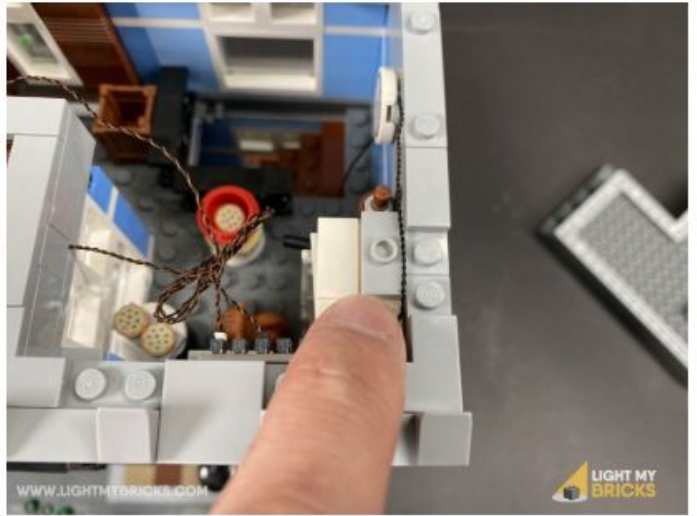
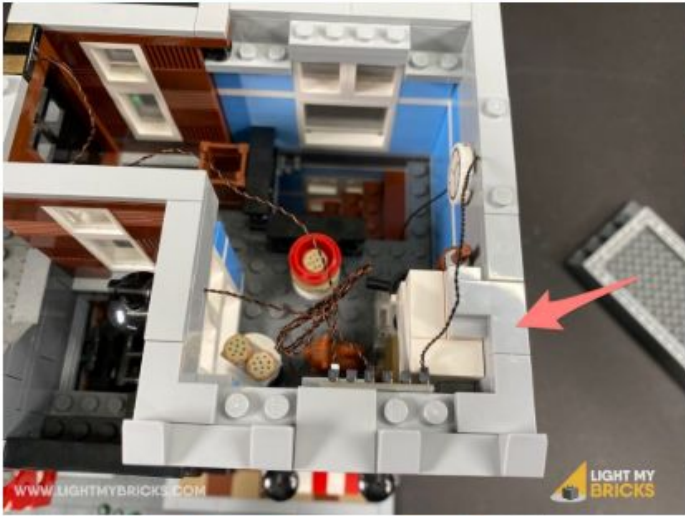
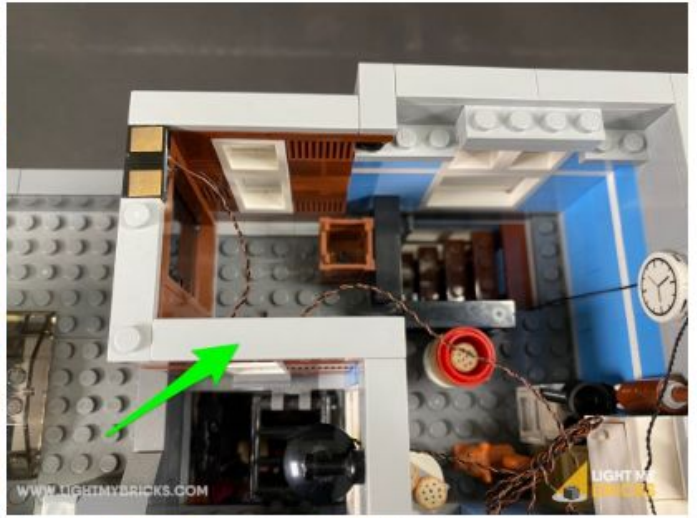
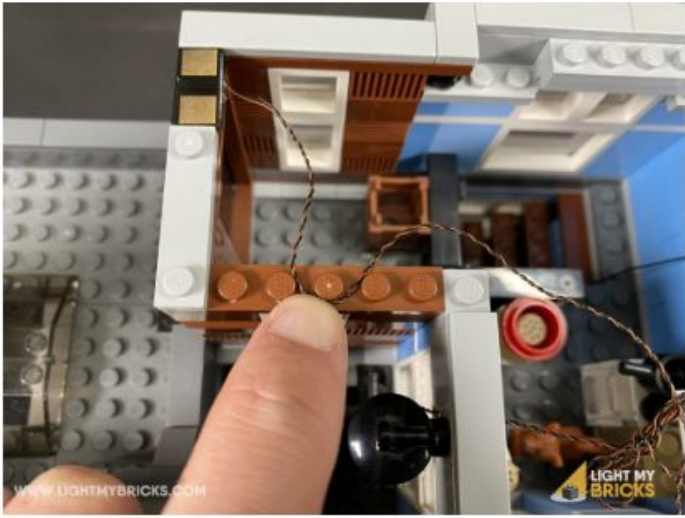


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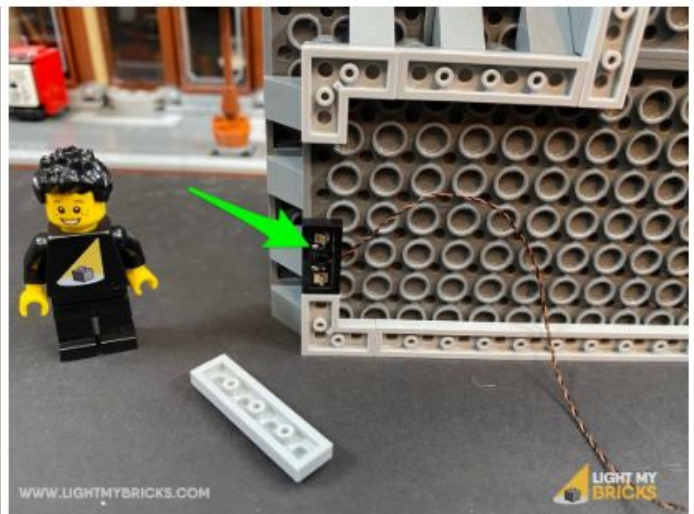
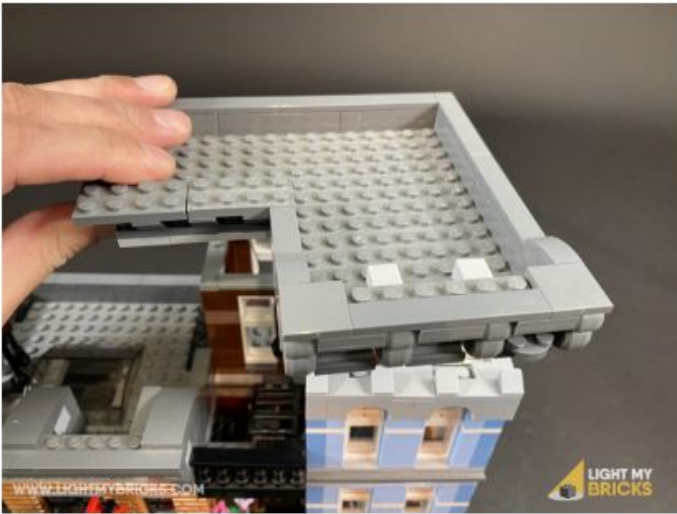


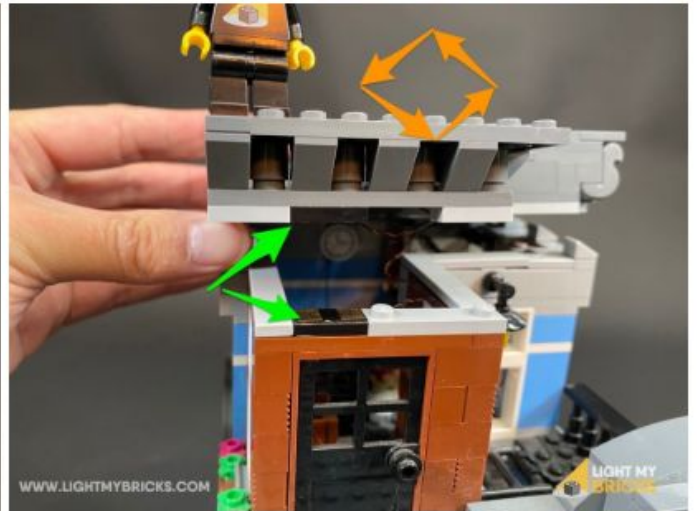
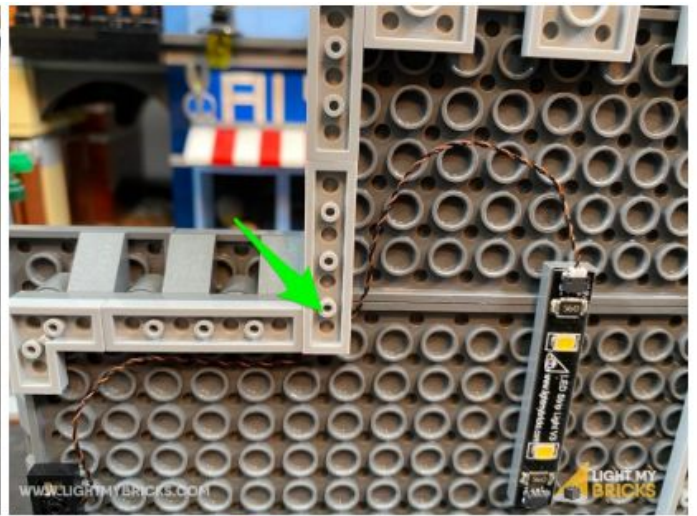






7.)





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