



**LIGHT<sup>MY</sup>  
BRICKS**



**LEGO® HOCUS POCUS THE SANDERSON  
SISTERS' COTTAGE #21341  
LIGHT KIT  
INSTALLATION GUIDE**

# Light My Bricks



## LEGO® HOCUS POCUS THE SANDERSON SISTERS' COTTAGE 21341 INSTALLATION GUIDE

Hi There!

We're here to help you get started on the LEGO®

Hocus Pocus The Sanderson Sisters' Cottage 21341 Light Kit.

This PDF details the instructions for the LED light kit only. If you are wishing to purchase this product, please [click here](#) to view the product page.

If you run into any issues, please refer to the troubleshooting section towards the end of this guide.

Have fun and enjoy!





## PACKAGE CONTENTS:

### Individual Bags



- 3 x White 15cm Bit Light
- 2 x White 30cm Bit Light
- 4 x Cool White 30cm Bit Light
- 1 x Cool White 15cm Bit Light
- 1 x Pink 30cm Large Bit Light
- 1 x Orange 30cm Large Bit Light
- 1 x Green 30cm Bit Light
- 2 x Green 15cm Micro Bit Light
- 12 x White 15cm Micro Bit Light \*
- 1 x Blue 15cm Bit Light

### Connecting Cables



- 3 x 5cm Connecting Cable
- 3 x 15cm Connecting Cable
- 1 x 30cm Connecting Cable
- 2 x 50cm Connecting Cable

### USB Power Cable



- 1x USB Power Cable  
(Power Source not Included)

### Mixed Components 1



- 5 x Micro 4-Port Expansion Board \*
- 3 x 6-Port Expansion Board
- 1 x Scary Effects Board
- 2 x Flicker Effects Board
- 10 x Adhesive Squares

### Mixed Components 2



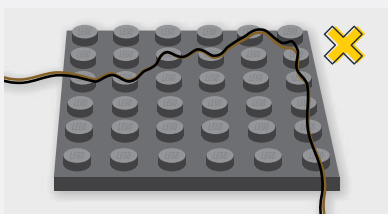
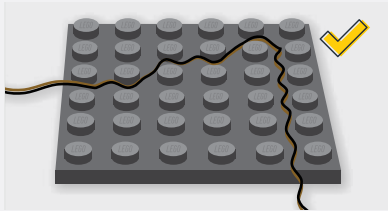
- 3 x Plate 1 x 2 - Black
- 5 x Round Plate 1x1 w/ Open Stud - Black
- 5 x Plate, Round 1x1 with Bar Handle - Black
- 2 x Arm Skeleton, Bent with Clips at 90 degrees (Vertical Grip) - Black
- 3 x Tile, Modified 1x1 with Open O Clip - Black
- 1 x Round Plate 1x1 - Black

\* Indicates components which include spares

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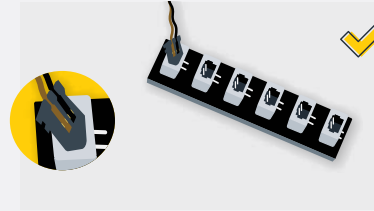
## Before You Begin



### 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.*

## Before You Begin



### 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.

## Before You Begin

### 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.



## Before You Begin

### The Symbols Used In This Guide

When going through the following guide you will come across symbols and formats that will assist with the installation of your light kit. Take notice of them as each has a specific purpose.

#### Light Kit Component

This is the most important image format as it indicates which part to use from the Light Kit. Make sure you pay close attention to which part is shown.

White 30cm Bit Light



#### Connect

Used when you need to connect a LEGO piece or LMB component.



#### Disconnect

Used when you need to remove a LEGO piece/ section or LMB component.



#### Directional

Used to show where to route cables, place components, or move them.



#### Bend/Pivot

Used when a component needs to be bent, or part folded or pivoted.



#### Turn/ Flip

Will be found in the top left corner when the set needs to be rotated or flipped.



#### Twist/ Braid

Seen when a set of cables need to be grouped and twisted together.



#### Power On Test

Found at the end of a major step to test the lights. Will be located in the top left corner.



#### Note

Notes will be found alongside the instruction photos and explain what to do.





# Before You Begin

## Repeat Step

Repeat the previous step eg. Make a spotlight, then make a second spotlight.



## Connect Focus

Used to highlight a hard to see area where a component is being connected.



## Disconnect Focus

Used to highlight a hard to see area where a component is being disconnected.



## General Focus

Used to highlight a hard to see area where a component needs to be acted on.



## General Note


This is a sample note that is used anywhere in this guide. It will explain a difficult section where photos are hard to illustrate or easily confused.

## Connect Note

The green coloured note is used when the topic focuses on a component being connected, like the shown Power Bank.

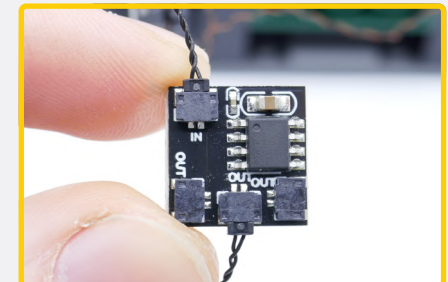
## Disconnect Note


The red coloured note is used when the topic focuses on a component being disconnected or like here, the removed pieces.



**NOTE**

Take the 5cm Connecting Cable from the 4-Port Micro Expansion Board and route it into the "IN" port of the Flicker Effects Board






**NOTE**

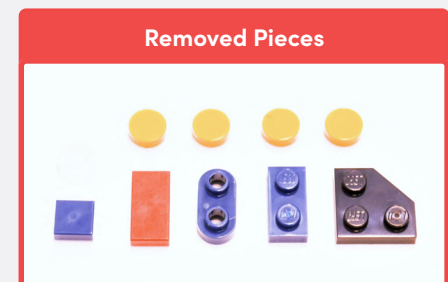
Connect to a 5V USB Power Bank, 5V USB Wall Adaptor, or USB to AA Battery Pack (sold separately)





**NOTE**

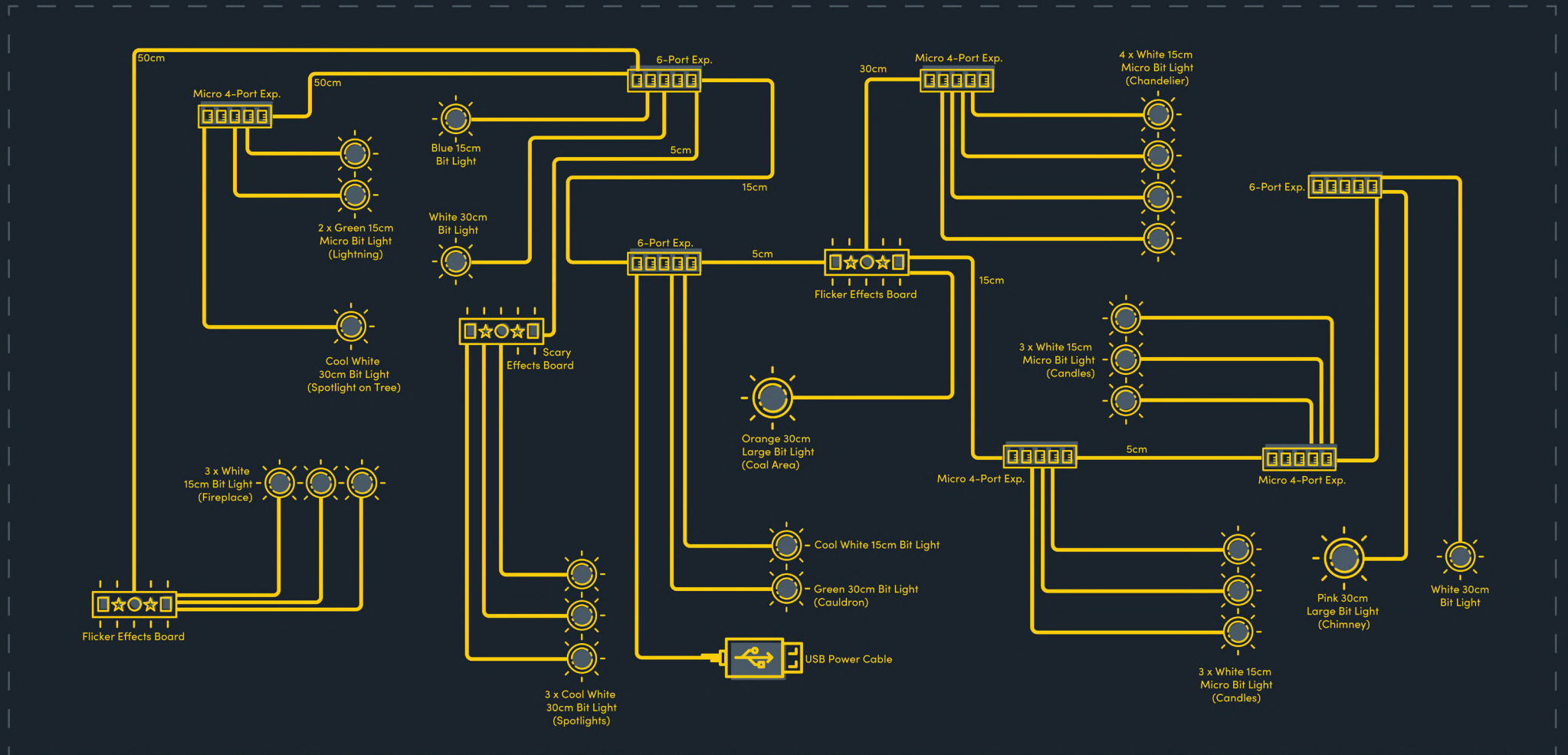
You should have these parts left over that were removed from the LEGO set





# BLUEPRINT

## Hocus Pocus The Sanderson Sisters' Cottage - 21341





## INSTRUCTIONS

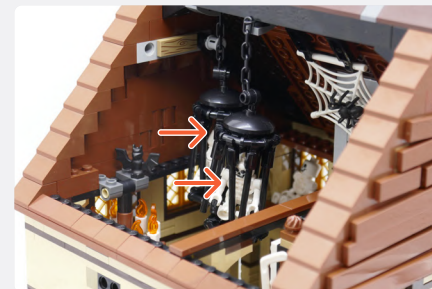
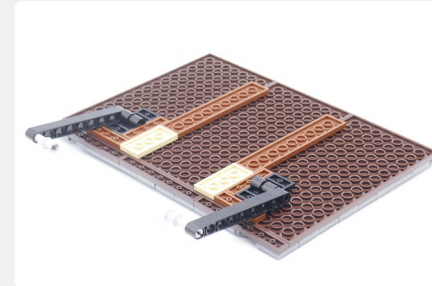
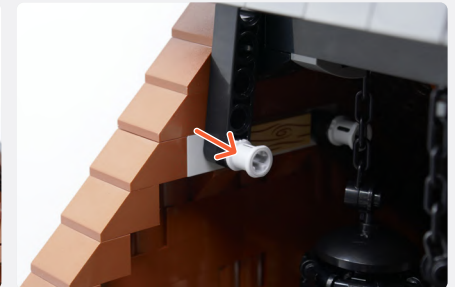
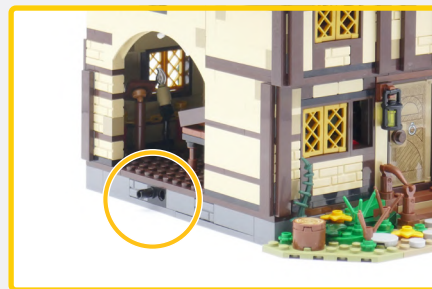
To ensure a smooth installation of your light kit, please read and follow each step carefully. If you run into any issues, please refer to the online troubleshooting guide.

1

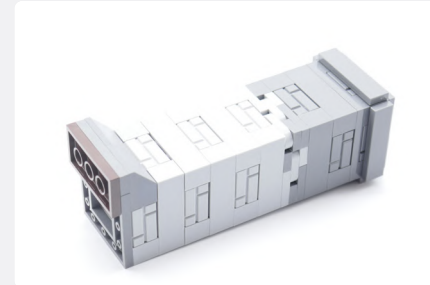


**NOTE**

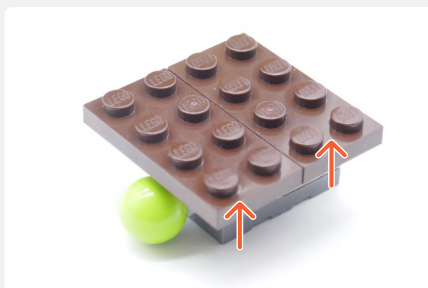
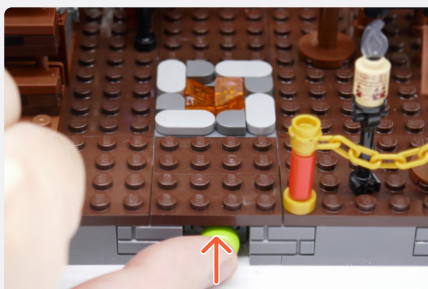
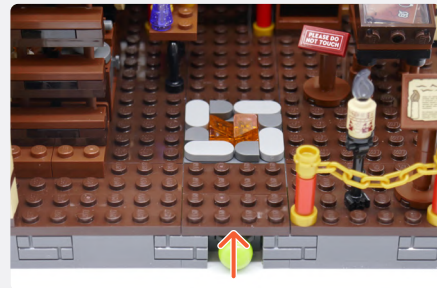
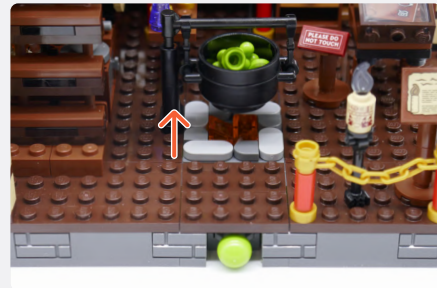
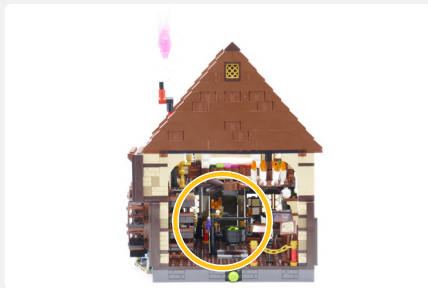
Ensure at least one Technic Pin is connected to the main cottage building

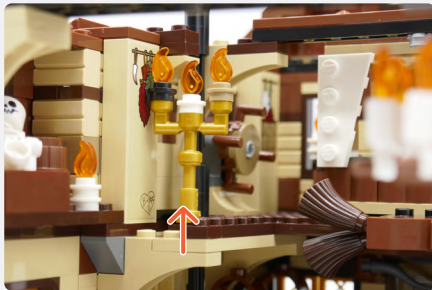


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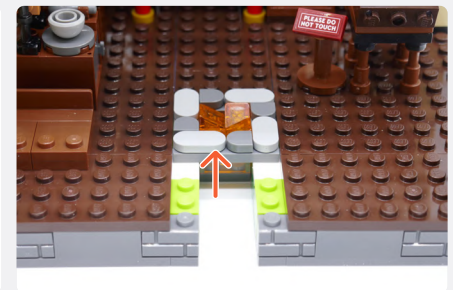
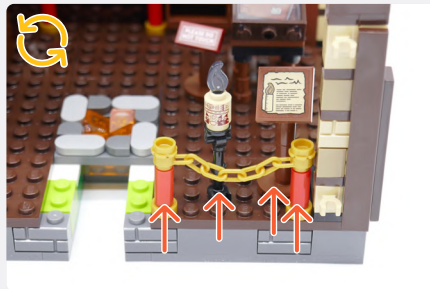
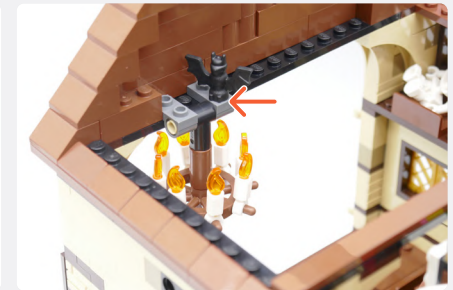


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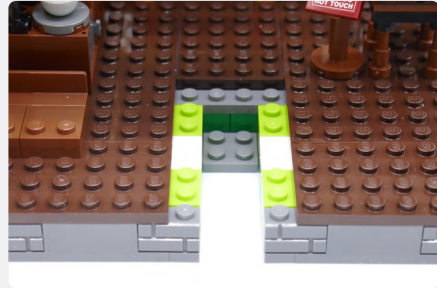
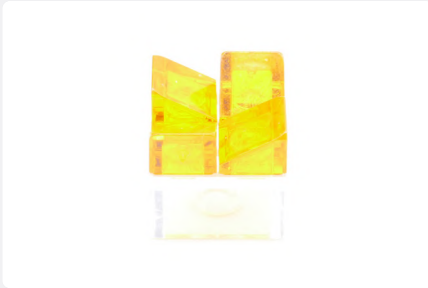
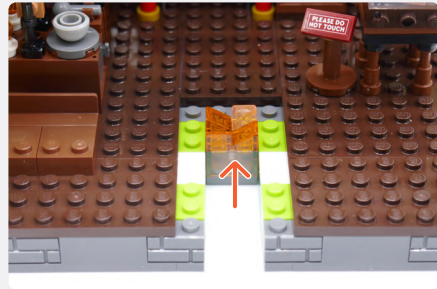




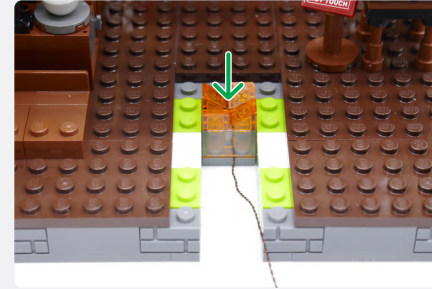
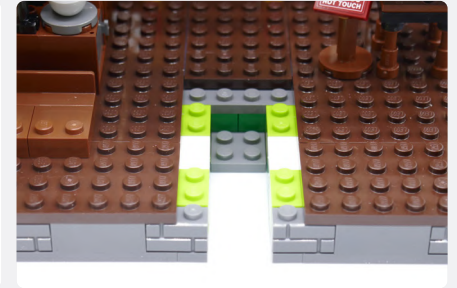
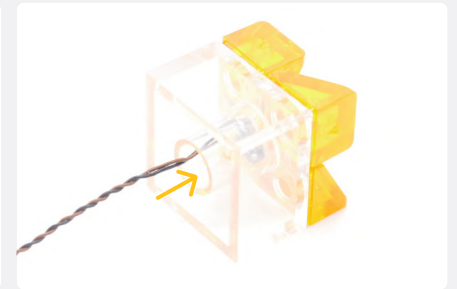
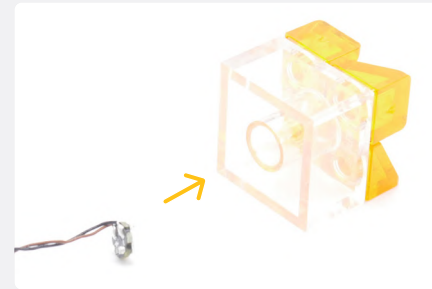
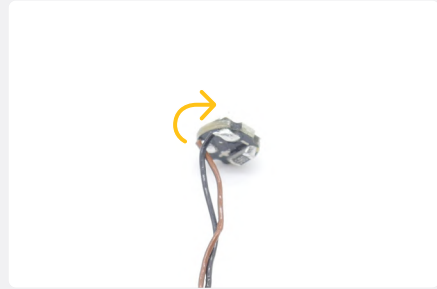
**4**



**5**

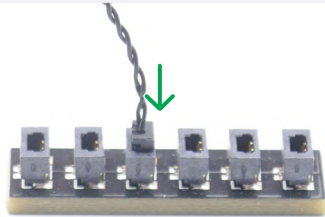
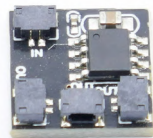


Orange 30cm Large Bit Light

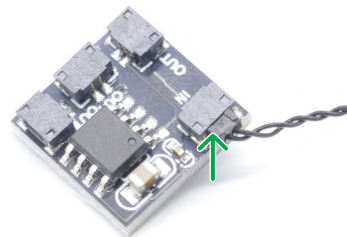




**6**
**6-Port Expansion Board**

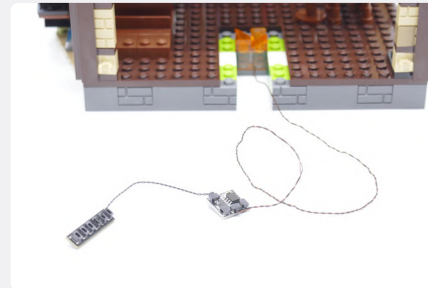
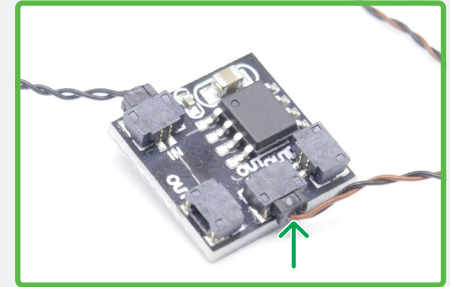
**5cm Connecting Cable**

**Flicker Effects Board**

**NOTE**

Connect the 5cm Connecting Cable from the 6-Port Expansion Board into the "IN" port of the Flicker Effects Board


**7**

**NOTE**

Connect the Orange 30cm Large Bit Light into the "OUT" port of the Flicker Effects Board

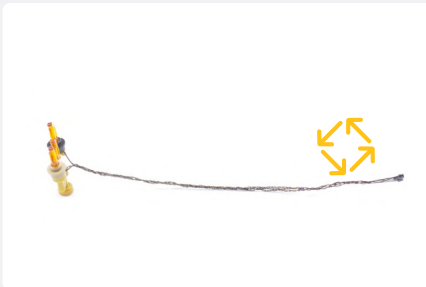
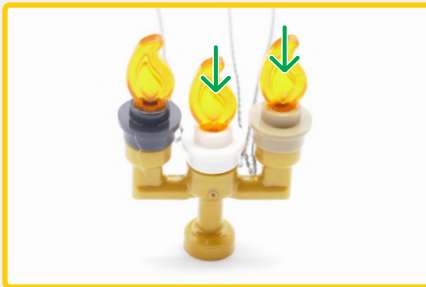


White 15cm Micro Bit Light

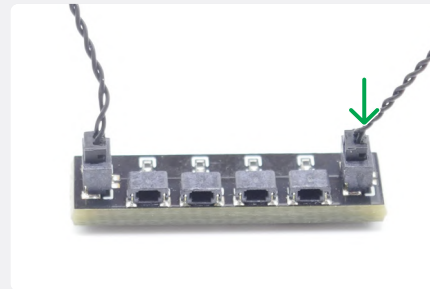
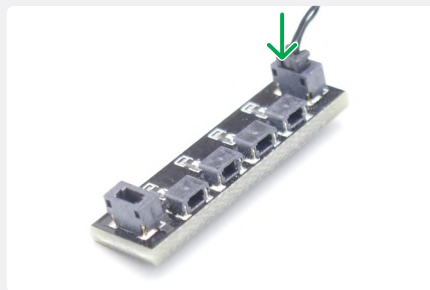
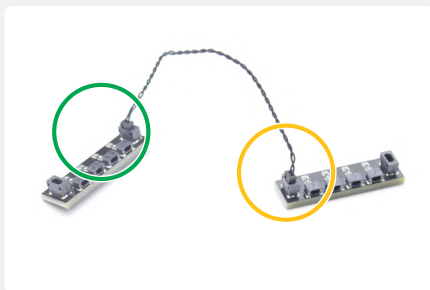
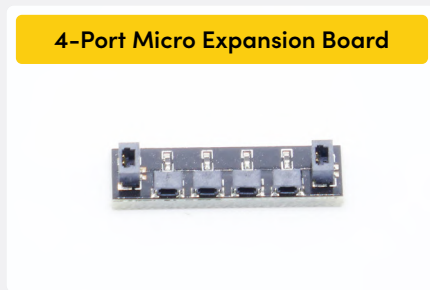
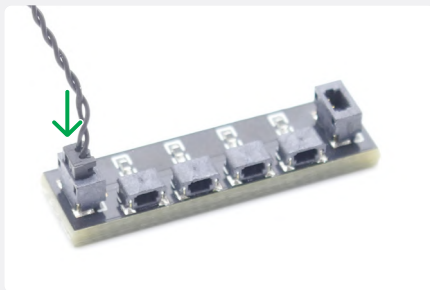
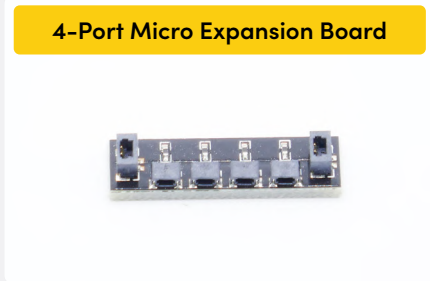


**NOTE**

Repeat the same process for the other two candles

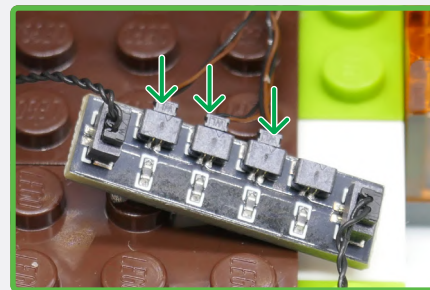


8



**NOTE**

Connect the three White 15cm Micro Bit Lights (from the candles) to the Micro 4-Port Expansion Board

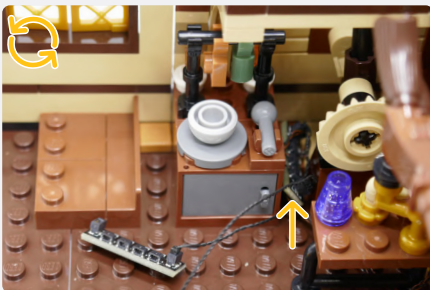
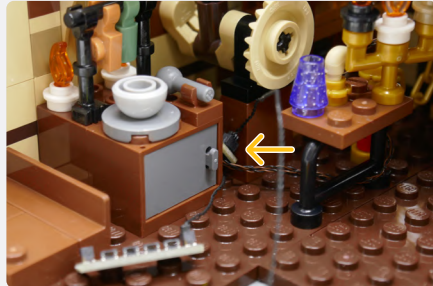
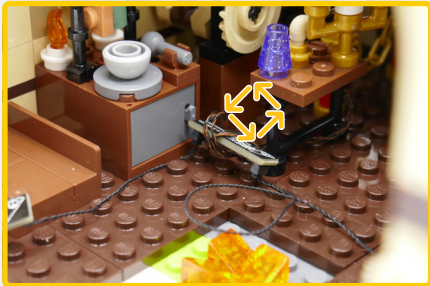


9



NOTE

Wrap the Micro Bit Light cables around the Board to reduce cable slack



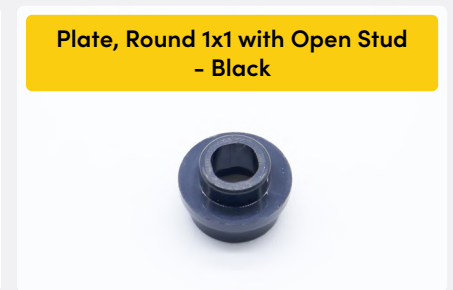
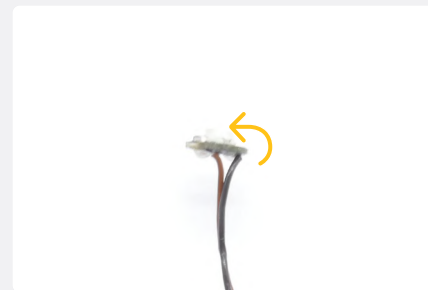
10



Green 30cm Bit Light



Plate, Round 1x1 with Open Stud - Black



Tile, Modified 1x1 with Open O Clip  
- Black

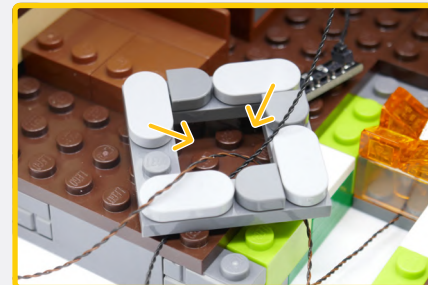


**11**



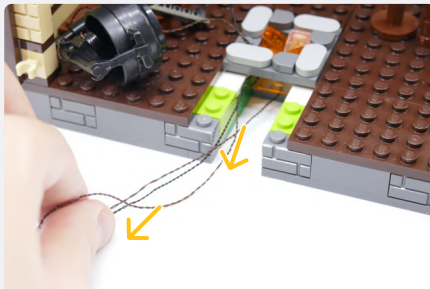
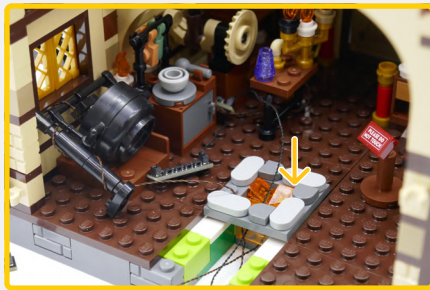
**NOTE**


Thread the Green 30cm Bit Light from the cauldron and the 15cm Connecting Cable from the Micro Expansion Board from Step 9 through the following hole as shown



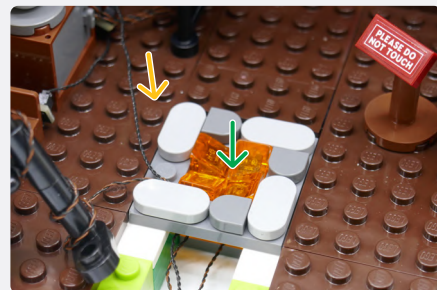
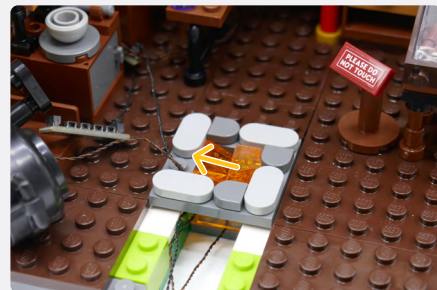
**NOTE**


Place the square ring in its original position but do not fully reconnect



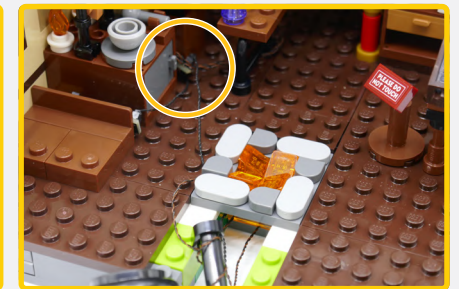
 **NOTE**


While pulling the cables to reduce cable slack, ensure that the Micro Expansion Board is still hidden in the following position



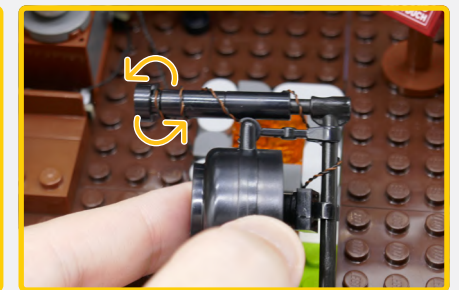
 **NOTE**

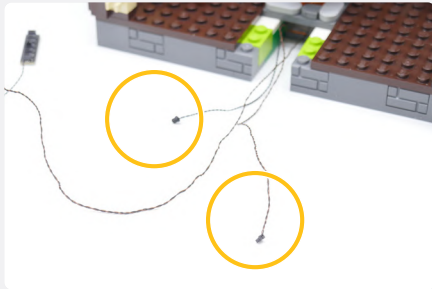
Ensure the Micro Expansion Board is still concealed in the following position



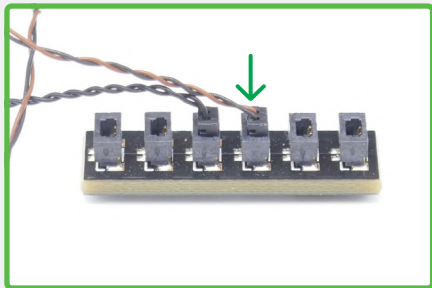
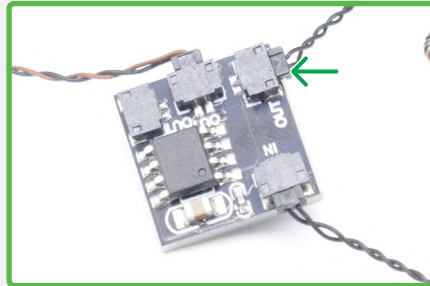
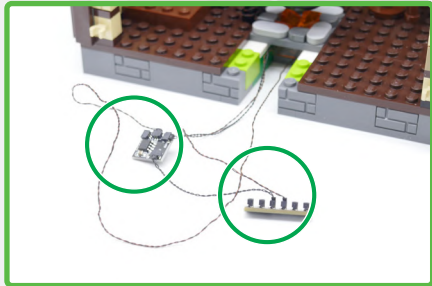
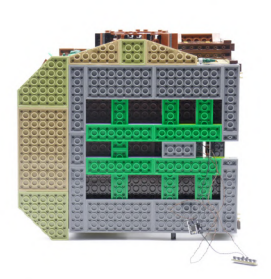
 **NOTE**

Before reconnecting the Cauldron in position, reduce any cable slack from the Cauldron by wrapping the cable around the pole

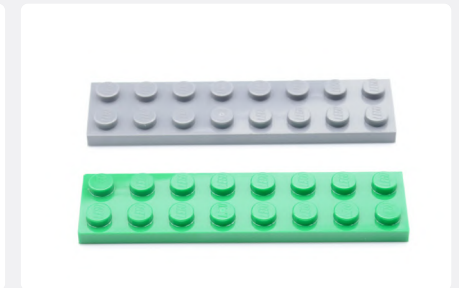
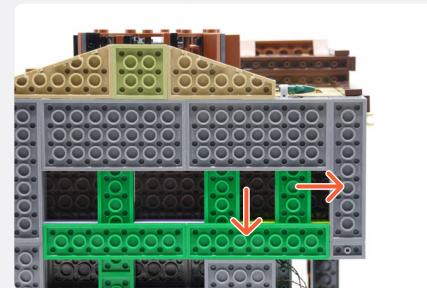


**12**

**NOTE**

Connect the shorter cable to the 'OUT' port of the Flicker Effects Board and the longer cable to the 6-Port Expansion Board

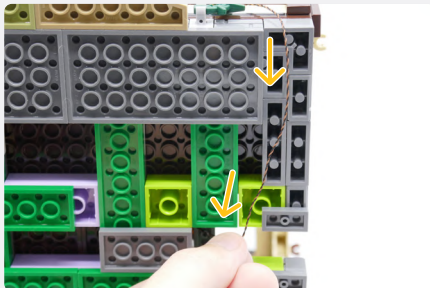
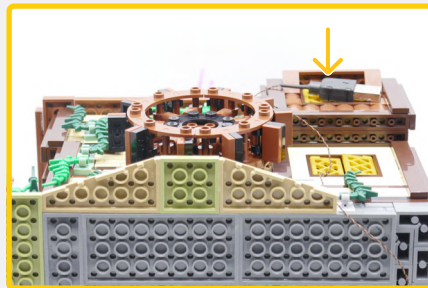

**13**

**NOTE**

Use the LEGO Removal Tool to assist in disconnecting parts


**USB Power Cable**

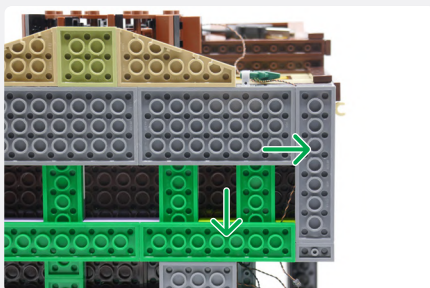
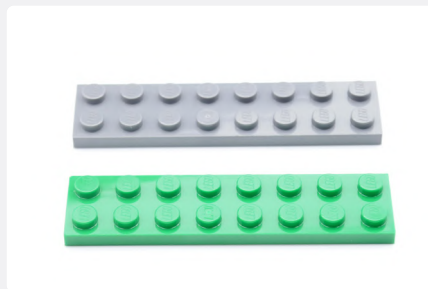
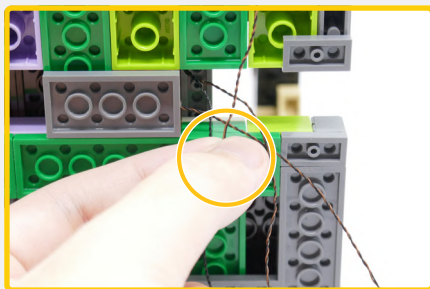
**NOTE**

Rest the USB Power Cable in the following position before routing the cable



**NOTE**

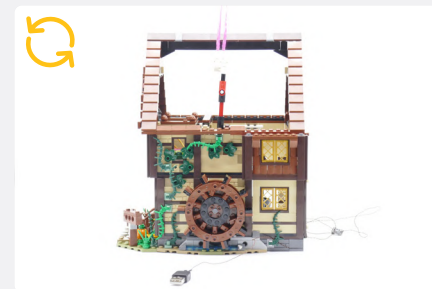
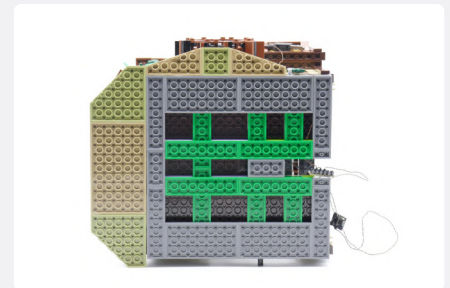
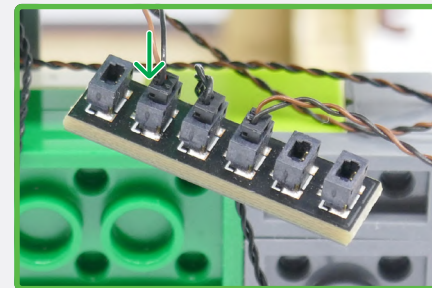
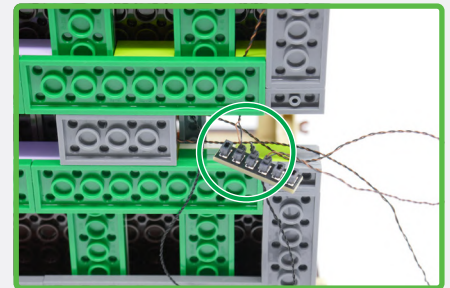
Ensure the connector head of the USB Power Cable reaches the following Green Plate



**14**

**NOTE**

Connect the USB Power Cable to the 6-Port Expansion Board



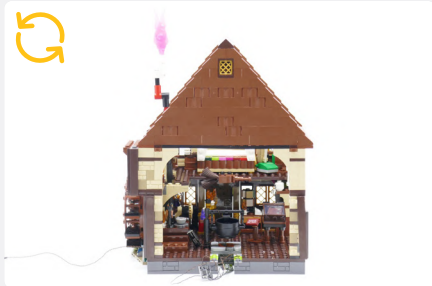
**NOTE**

Connect to a 5V USB Power Bank, 5V USB Wall Adaptor, or USB to AA Battery Pack (sold separately)

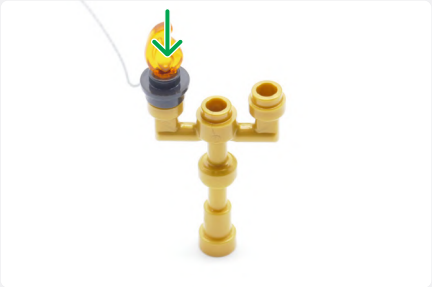
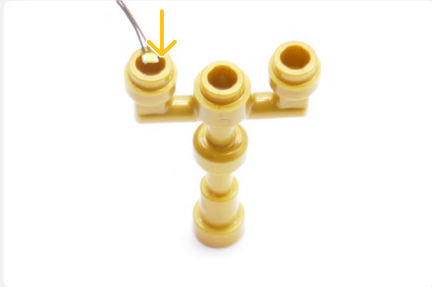




! If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing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

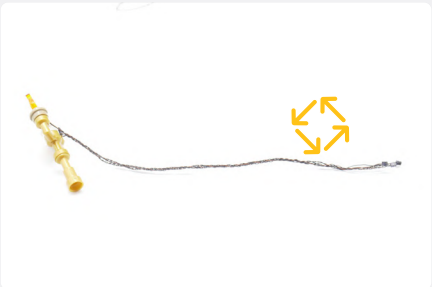
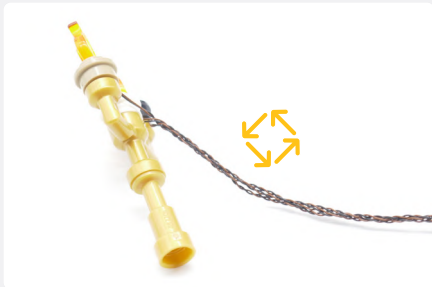
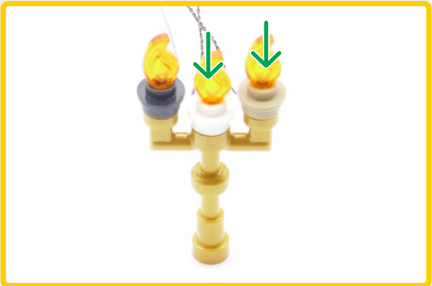


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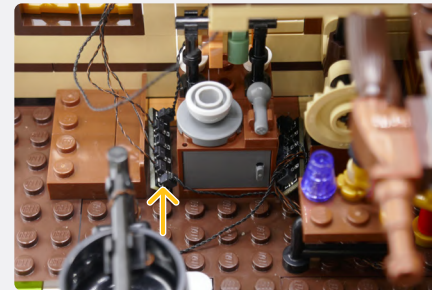
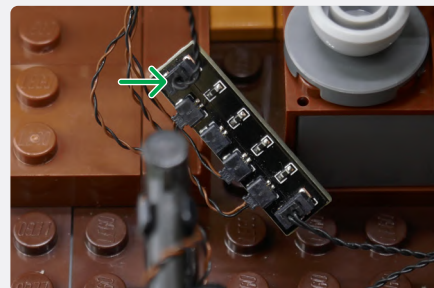
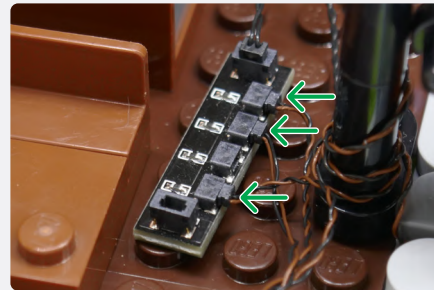
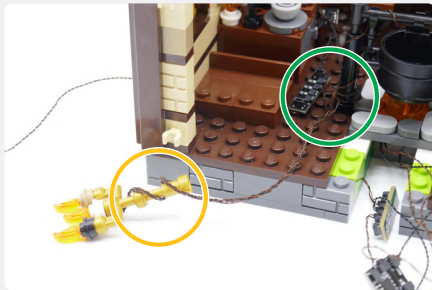


**NOTE**

Repeat the same process for the other two candles

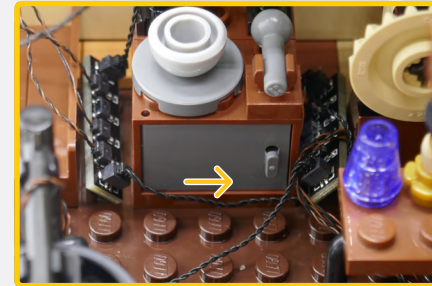


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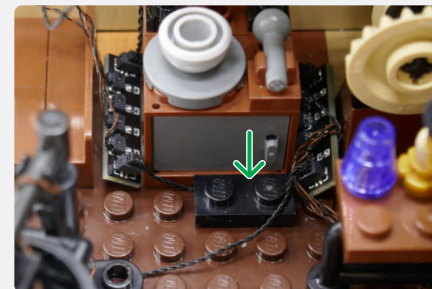


**NOTE**

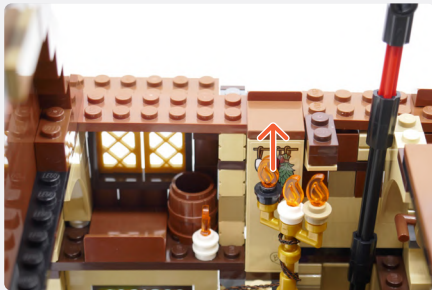
Ensure the 5cm Connecting Cable between the Micro Expansion Board is positioned as shown



**Plate 1x2 - Black**

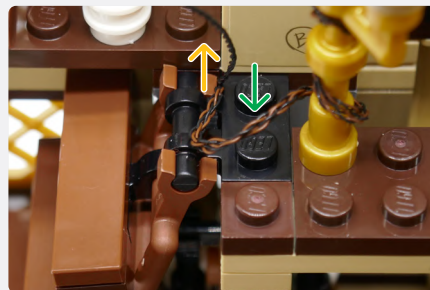
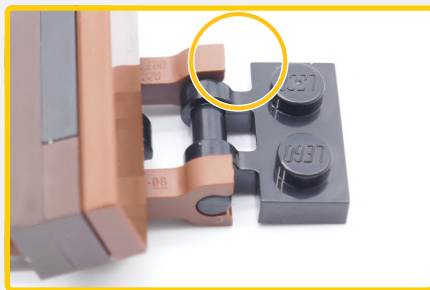


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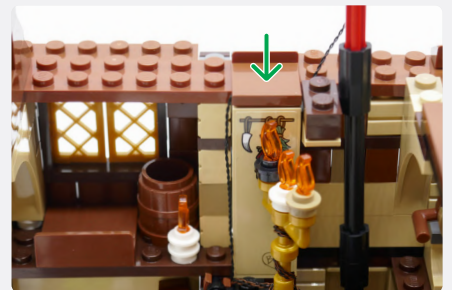
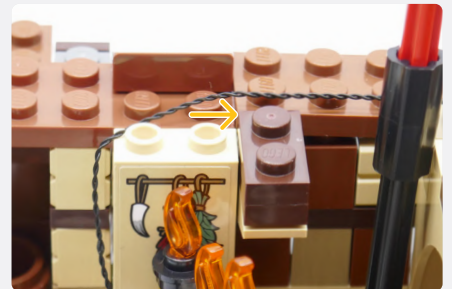
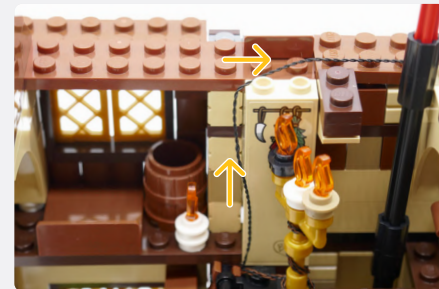
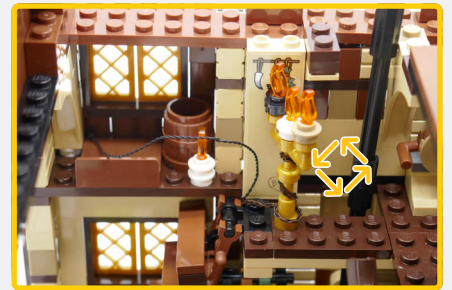
**NOTE**

Run the loose 15cm Connecting Cable and Micro Bit Lights from the candles through the following area before reconnecting the stairs



**NOTE**

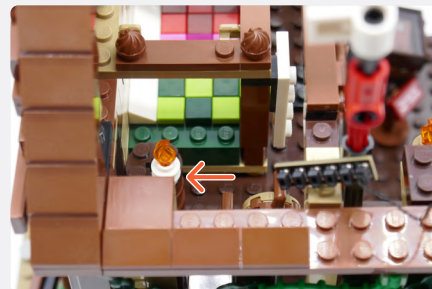
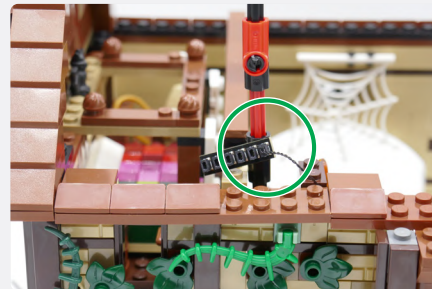
Twist the candle holder to reduce cable slack



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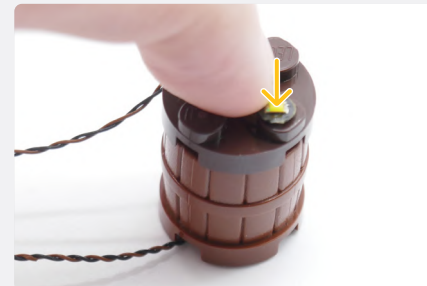
6-Port Expansion Board



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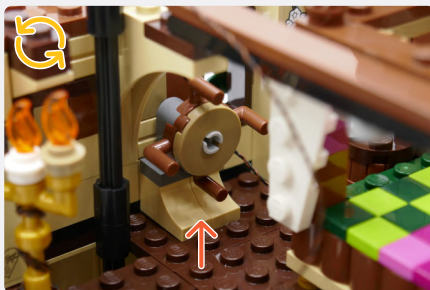
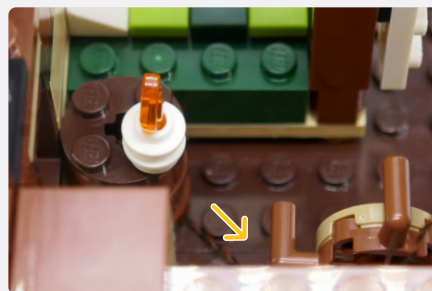
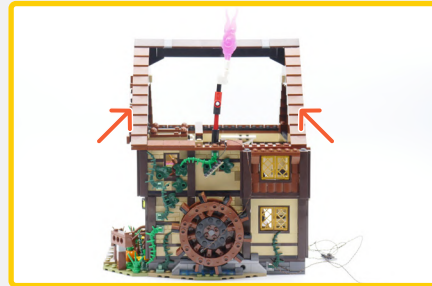
White 30cm Bit Light





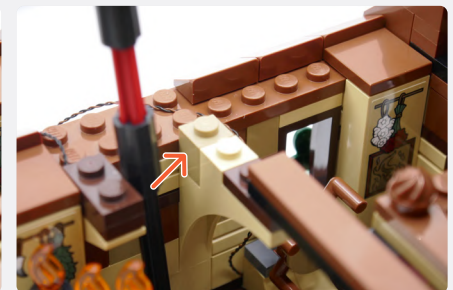
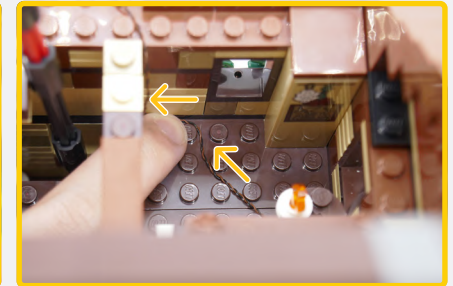
**NOTE**

If you are having trouble reconnecting the Barrel and completing the next Step, temporarily disconnect the entire roof.

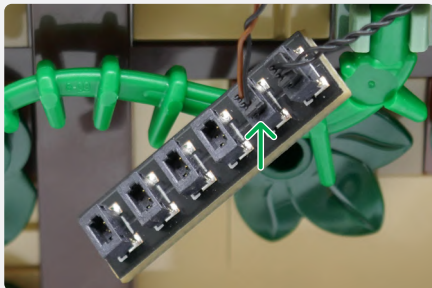
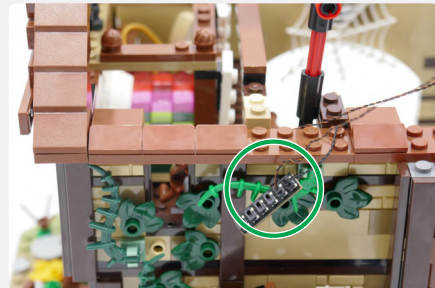
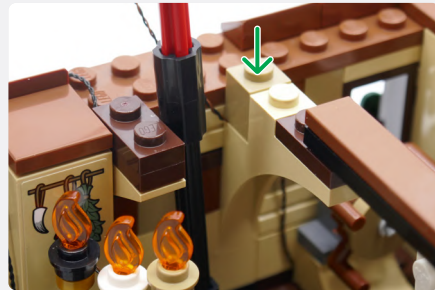
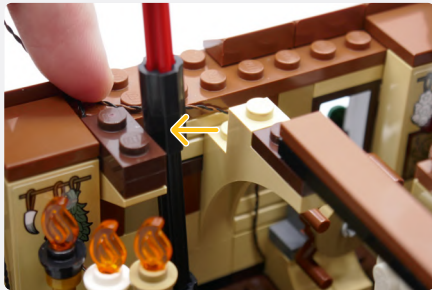
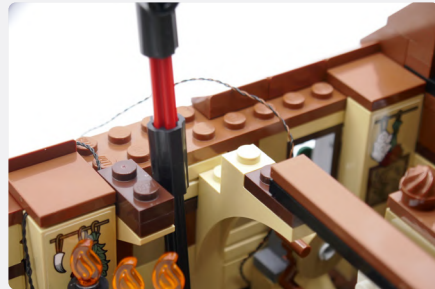


**NOTE**

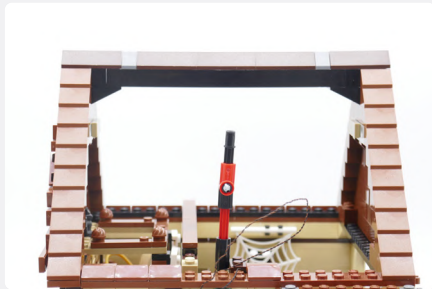
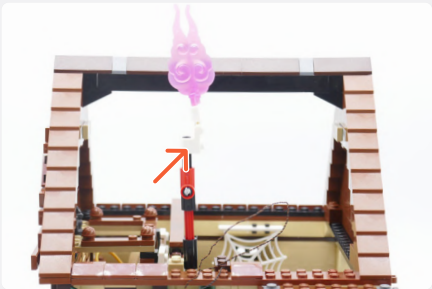
Thread the cable from the Candle in between the studs and up the wall



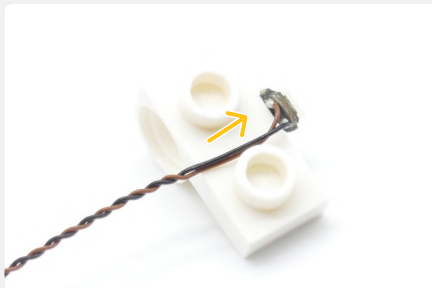
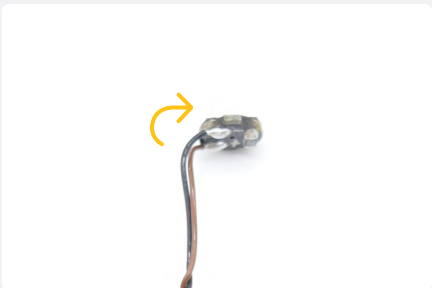
20

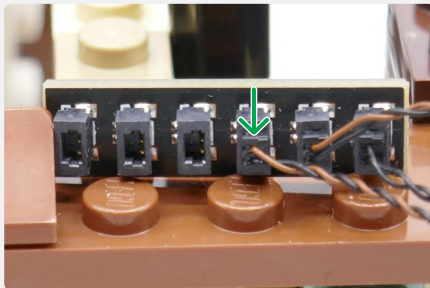
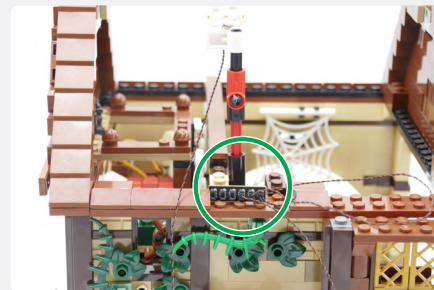
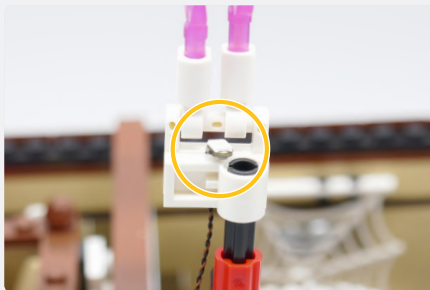
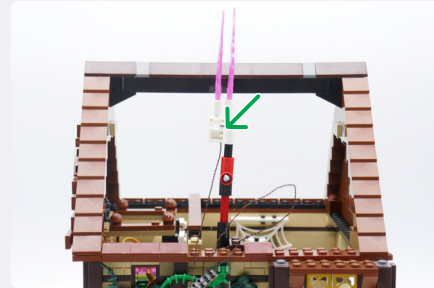
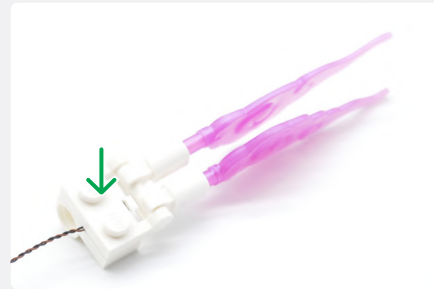


**21**



**Pink 30cm Large Bit Light**



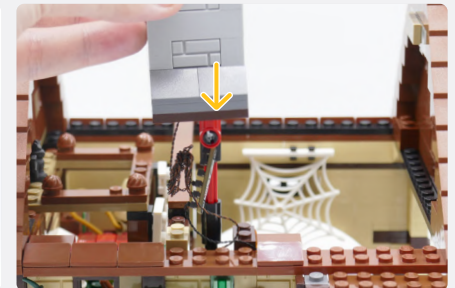
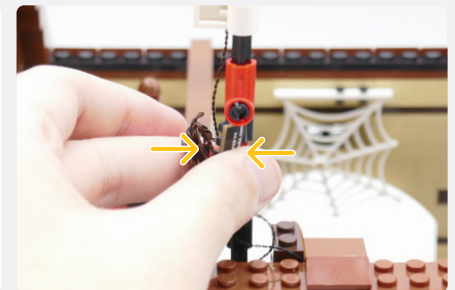
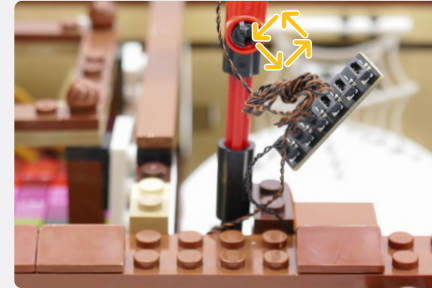
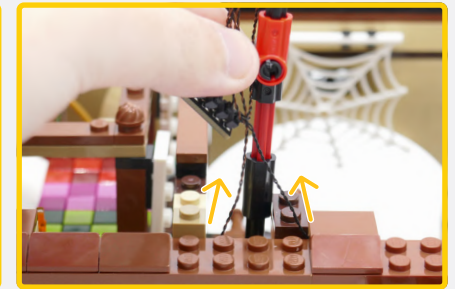


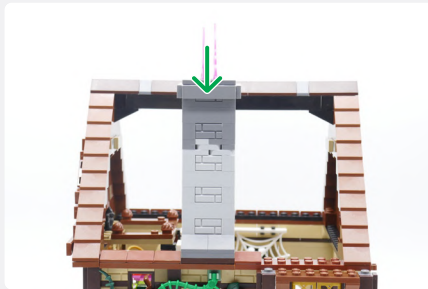
22



NOTE

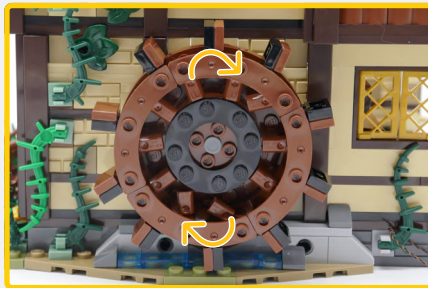
Tightly pull the cables upwards to reduce slack before twisting the cables together





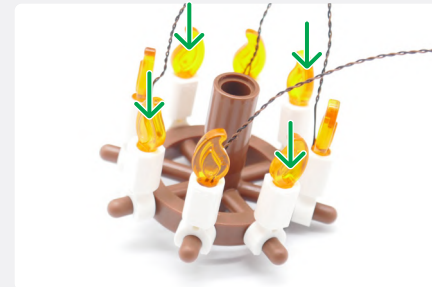
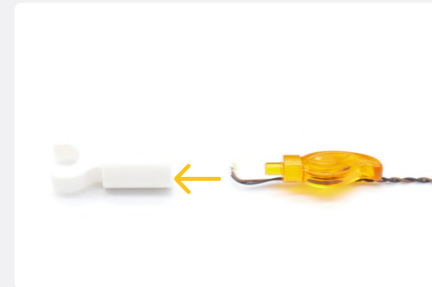
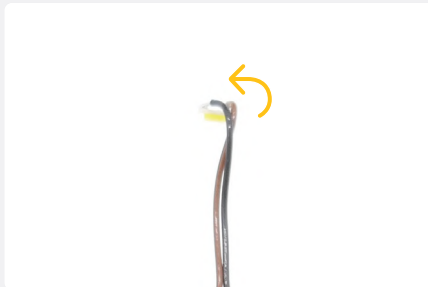
**NOTE**

From now on, the wheel can only rotate clockwise. Test the rotation of the wheel

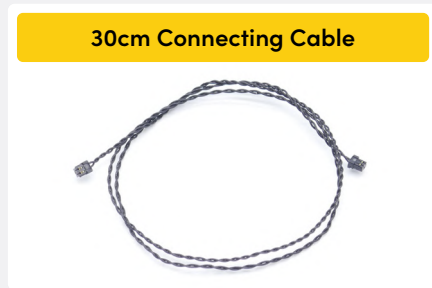
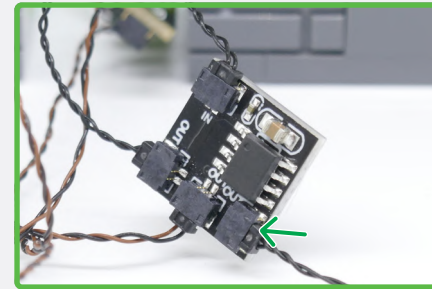
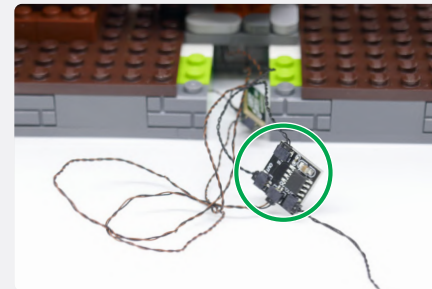
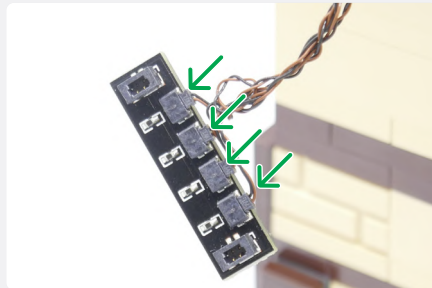
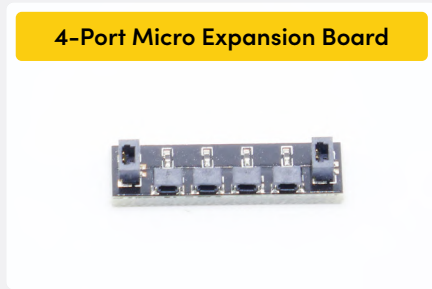
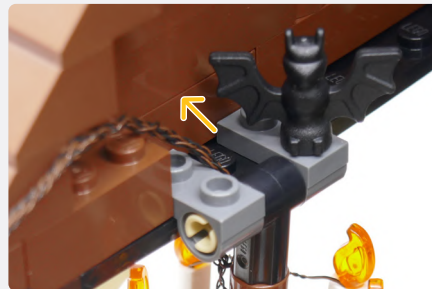
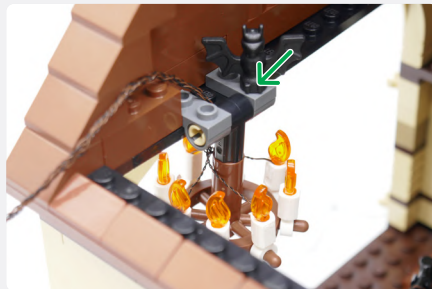




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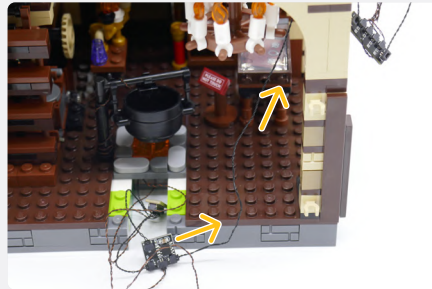


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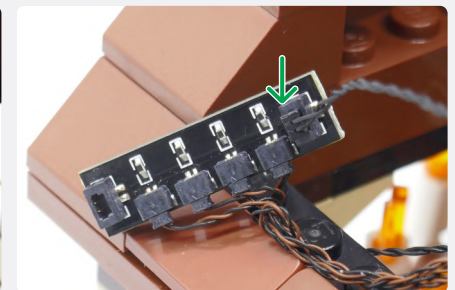
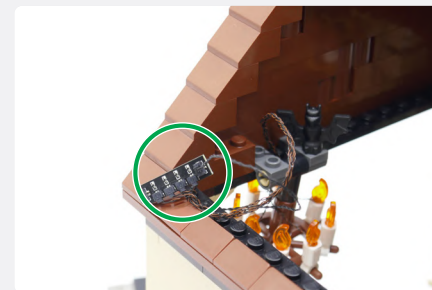
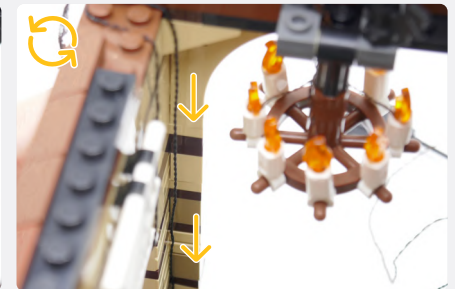
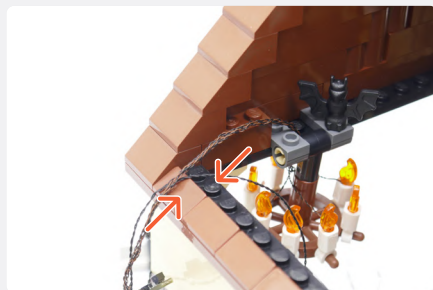
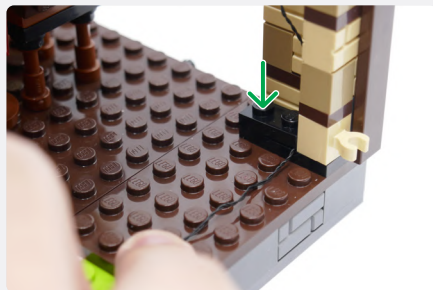
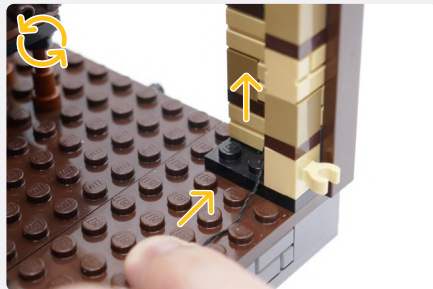
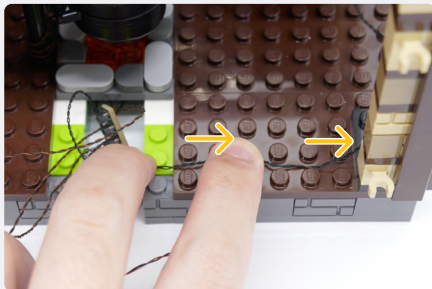
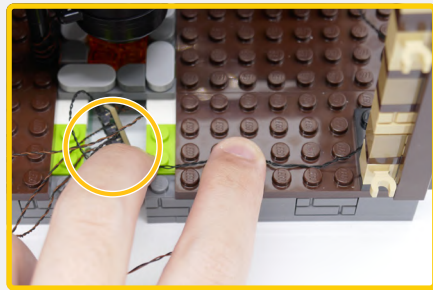
**NOTE**

Connect the 30cm Connecting Cable into the "OUT" port of the Flicker Effects Board



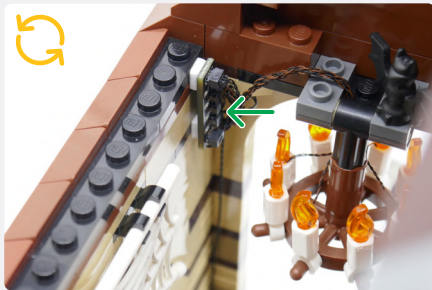
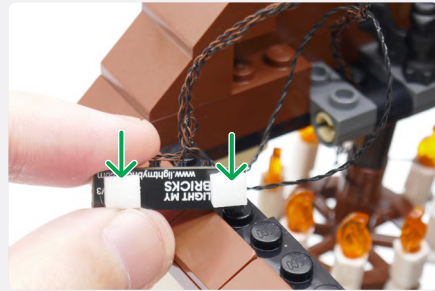
**NOTE**

Keep the boards in the following position as the 30cm Connecting Cable is being routed



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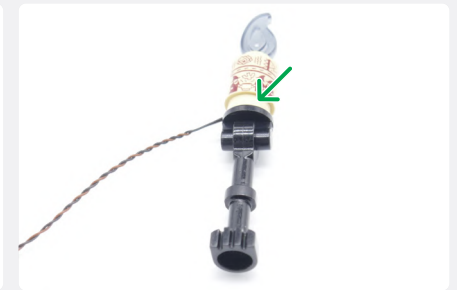
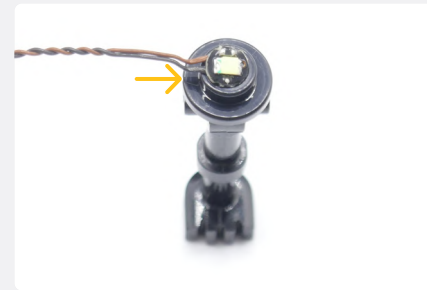
2x Adhesive Square

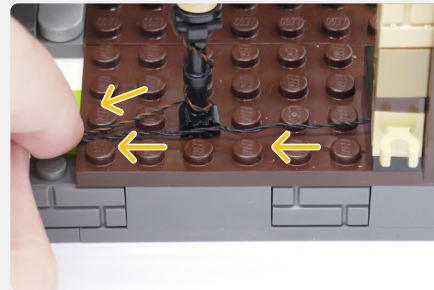


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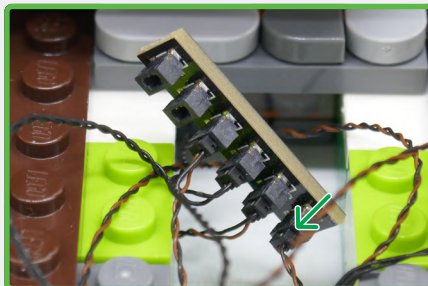
Cool White 15cm Bit Light



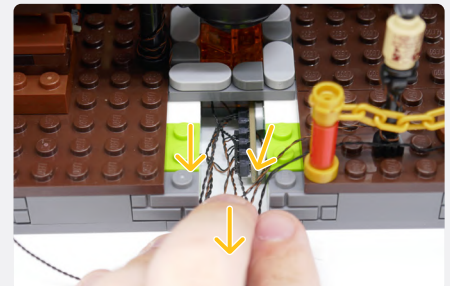
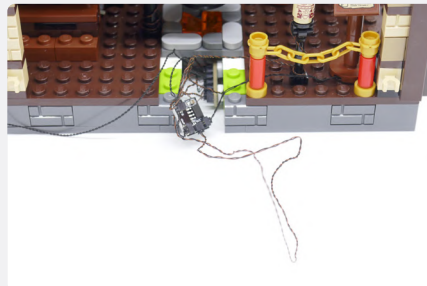
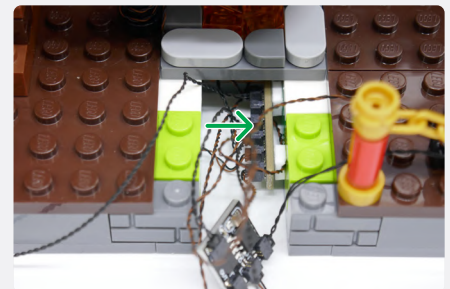
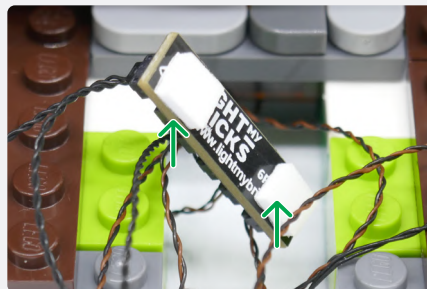
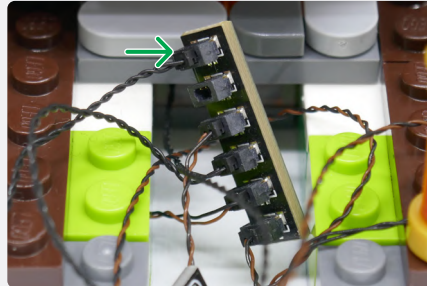
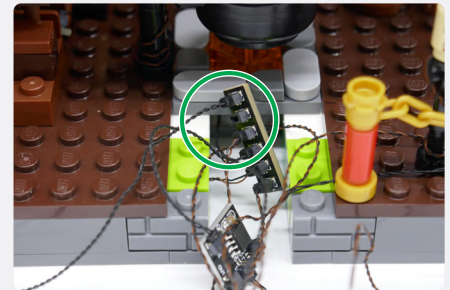


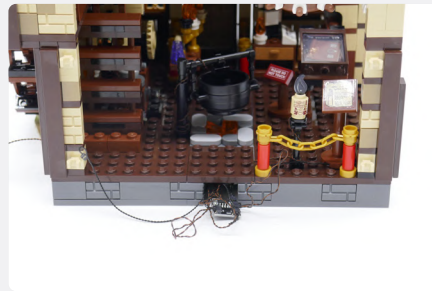
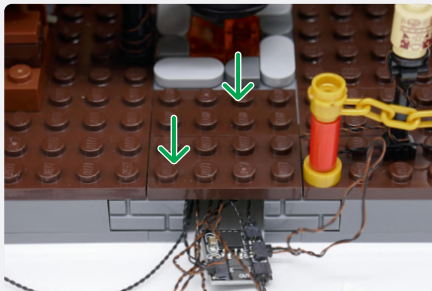
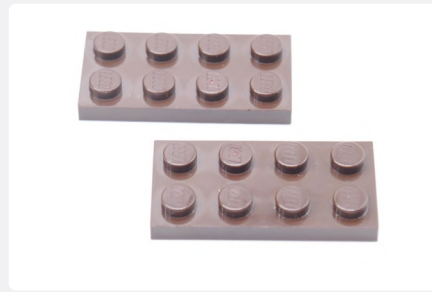
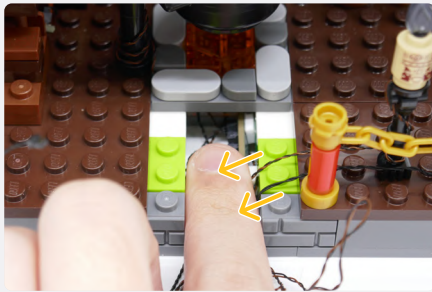
**NOTE**

Connect the Cool White 15cm Connecting Cable to the 6-Port Expansion Board



**27**



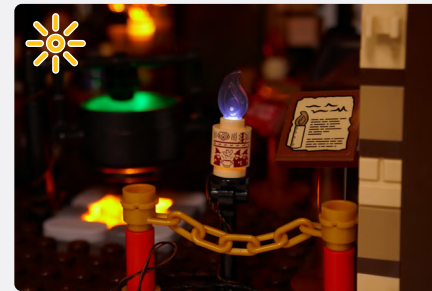


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NOTE

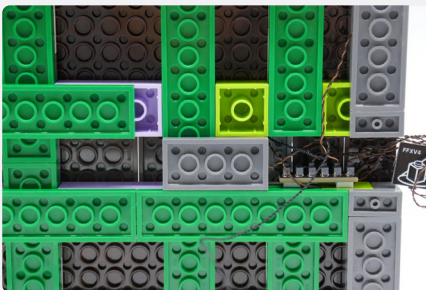
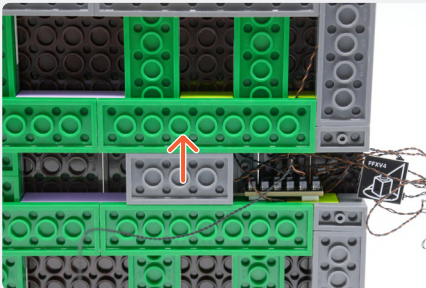
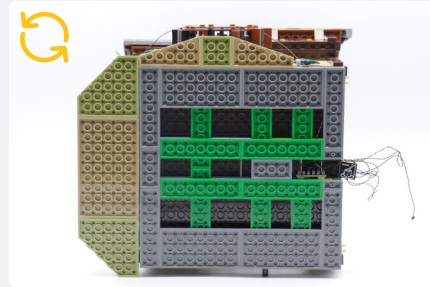
Connect to a 5V USB Power Bank, 5V USB Wall Adaptor, or USB to AA Battery Pack (sold separately)




! 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 in our troubleshooting section.

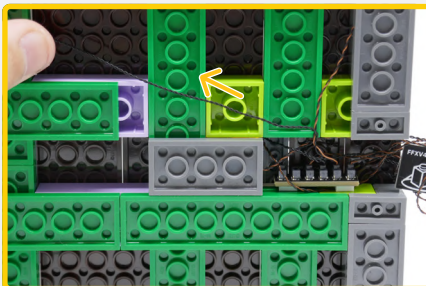


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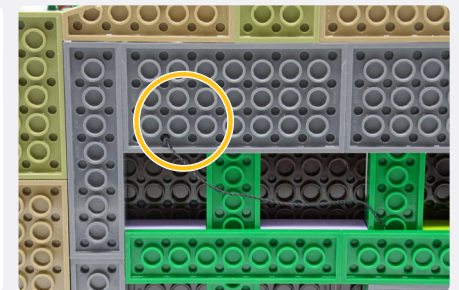
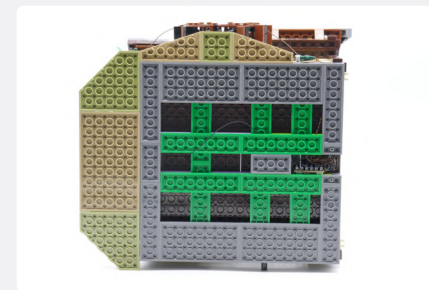
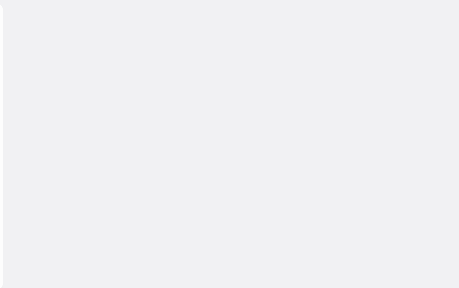
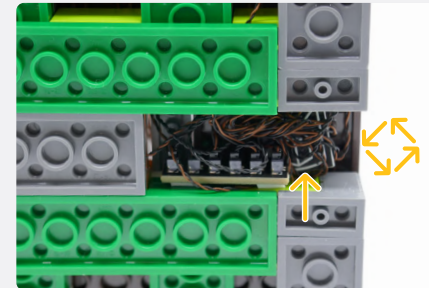
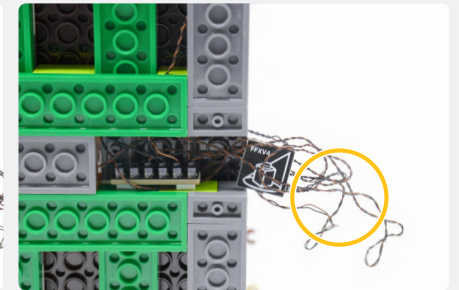
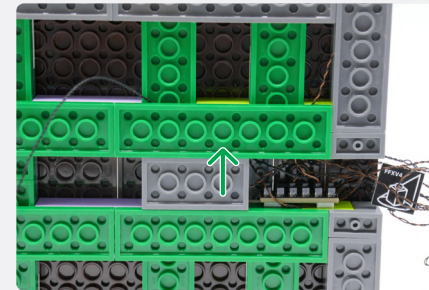


 **NOTE**

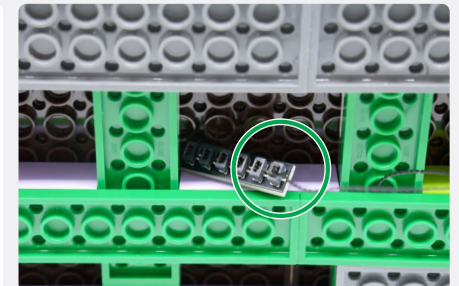
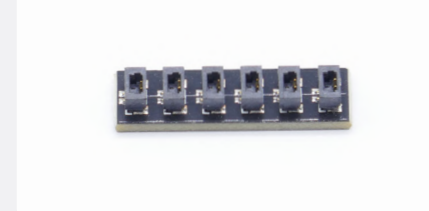
Pull the loose 15cm Connecting Cable to the left as shown



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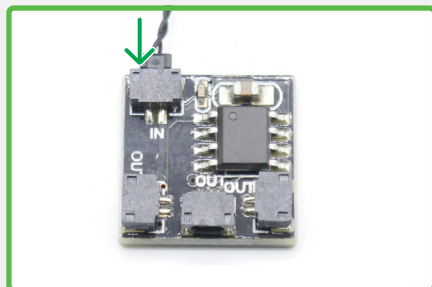


**6-Port Expansion Board**

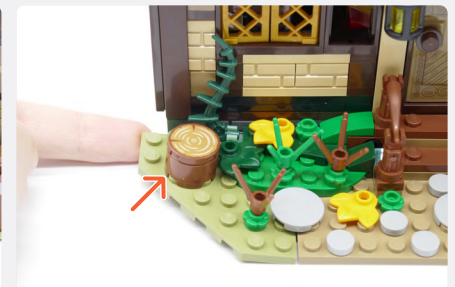
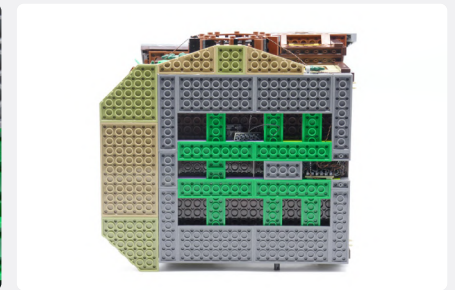
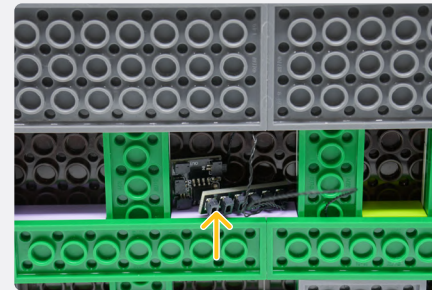
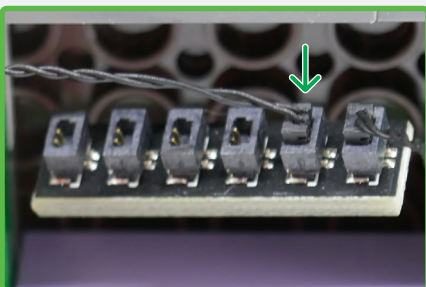
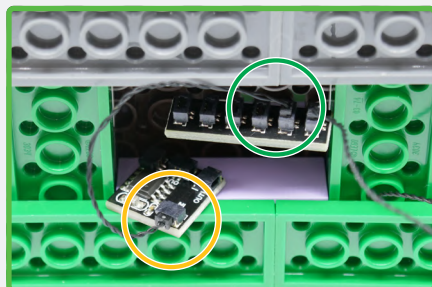




**NOTE**  
Connect the 5cm Connecting Cable into the "IN" port of the Scary Flicker Effects Board



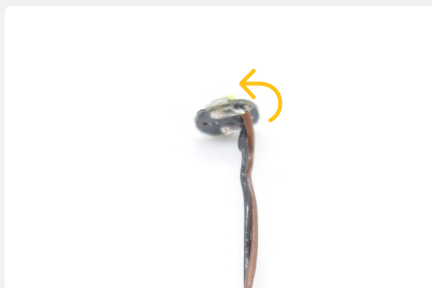
**NOTE**  
Connect the other end of the 5cm Connecting Cable to the 6-Port Expansion Board



**31**



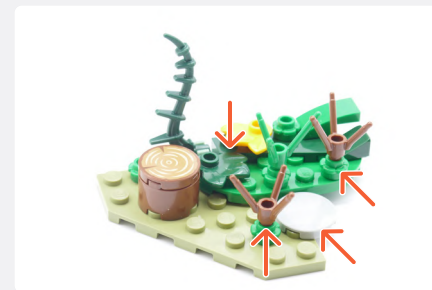
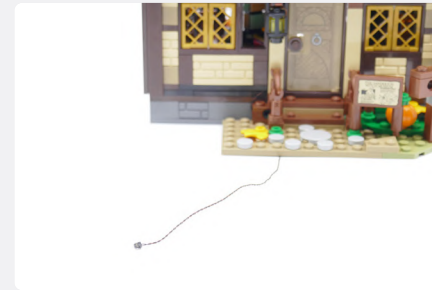
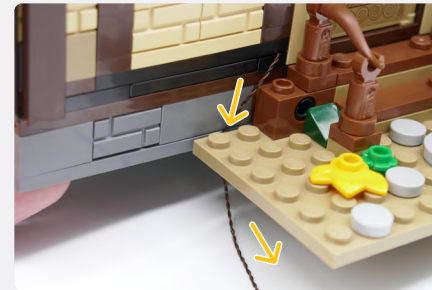




**32**

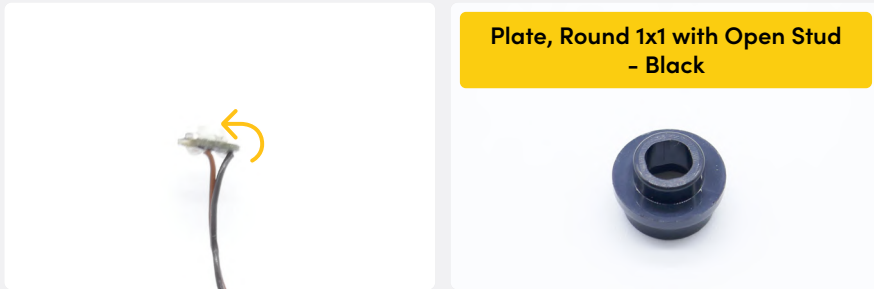


**33**



Cool White 30cm Bit Light





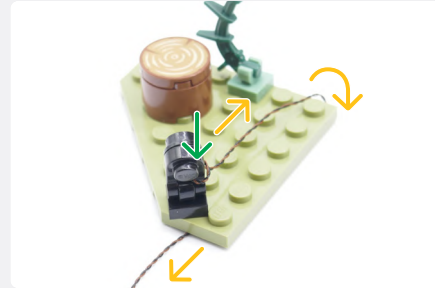
Plate, Round 1x1 with Open Stud  
- Black



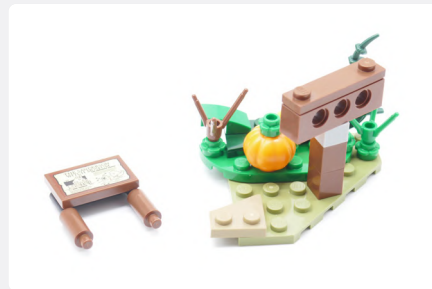
Tile, Modified 1x1 with Open O Clip  
- Black



Plate, Round 1x1 with Bar Handle  
- Black



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Cool White 30cm Bit Light



Plate, Round 1x1 with Open Stud - Black



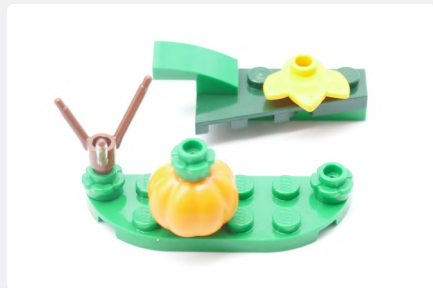
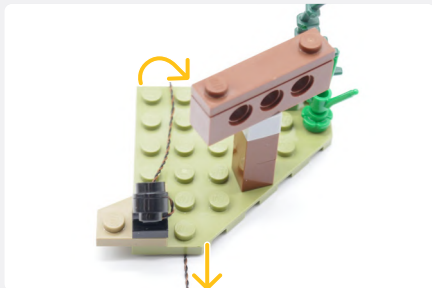
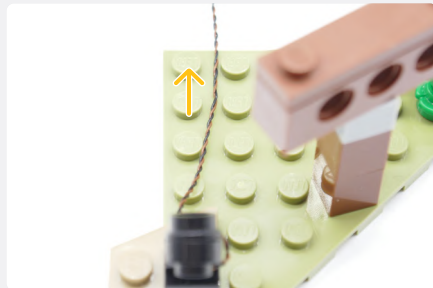
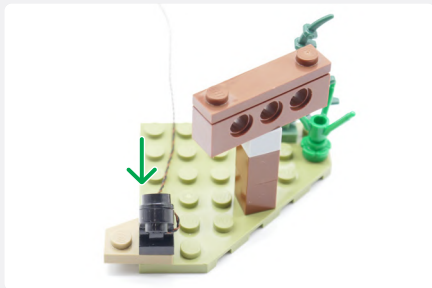
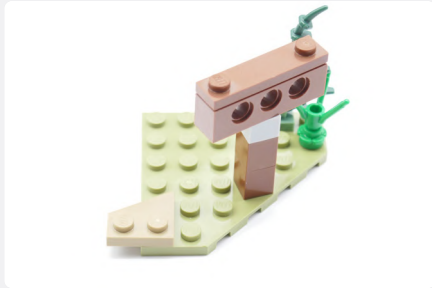
Tile, Modified 1x1 with Open O Clip - Black



Plate, Round 1x1 with Bar Handle - Black



**35**



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Cool White 30cm Bit Light



Plate, Round 1x1 with Open Stud - Black



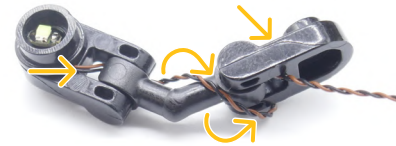
Plate, Round 1x1 with Bar Handle - Black



Arm Skeleton, Bent with Clips at 90 degrees (Vertical Grip) - Black



Plate, Round 1x1 with Bar Handle - Black

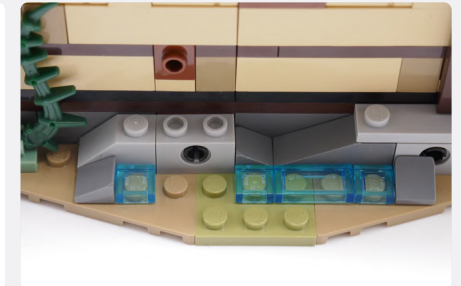
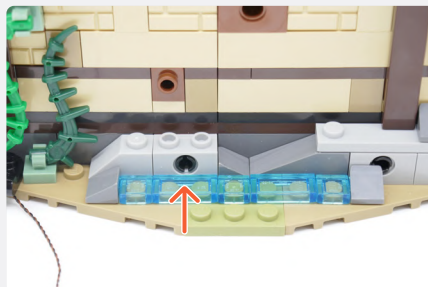
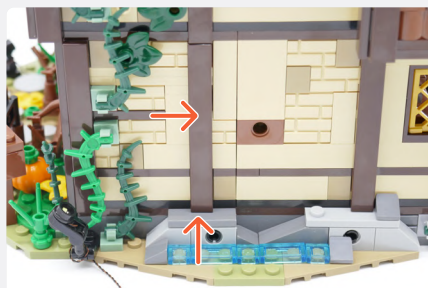
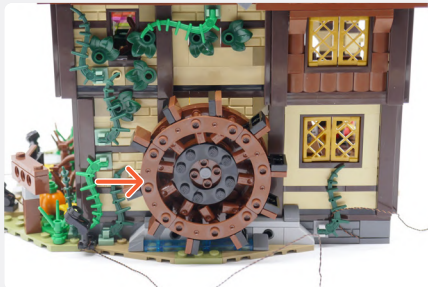


37

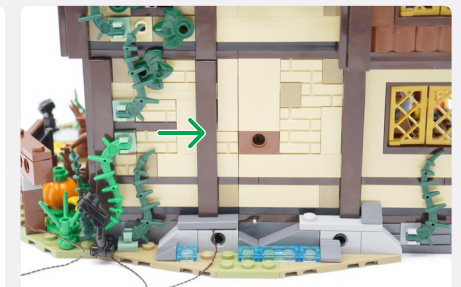
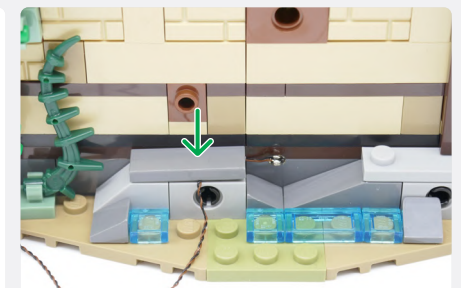
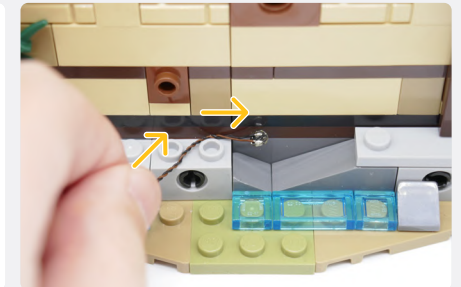


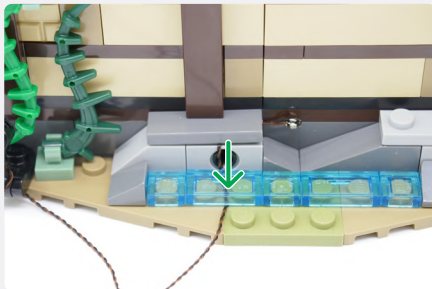
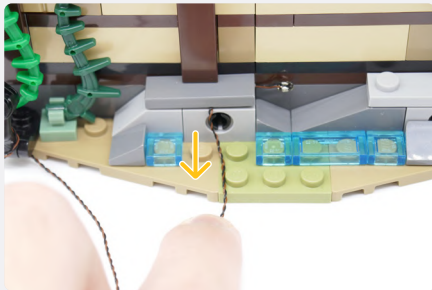
NOTE

Hold down the cogwheel on the inside of the cottage while simultaneously disconnecting the wheel



Blue 15cm Bit Light



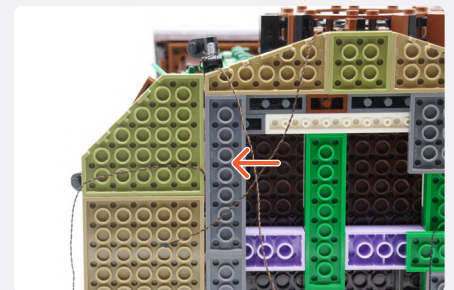
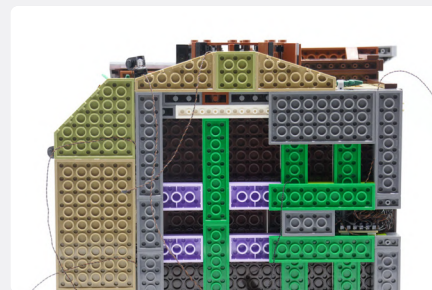
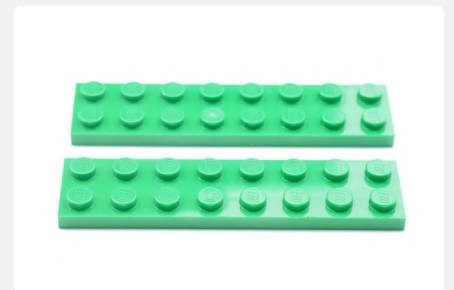
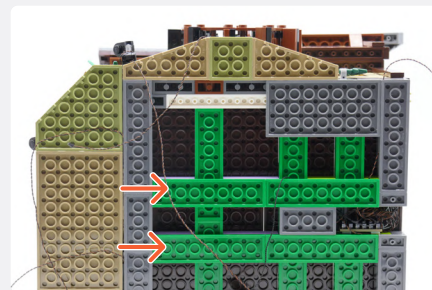
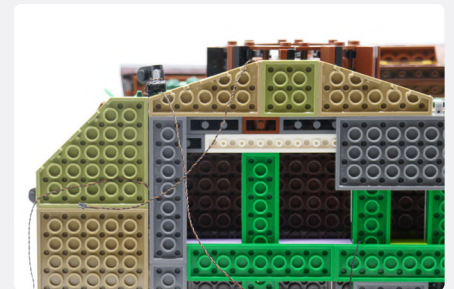
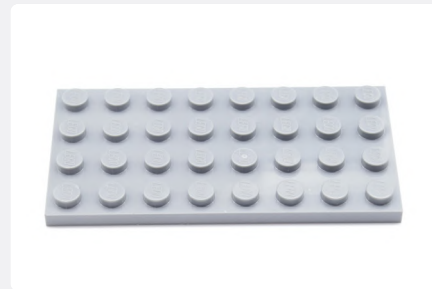
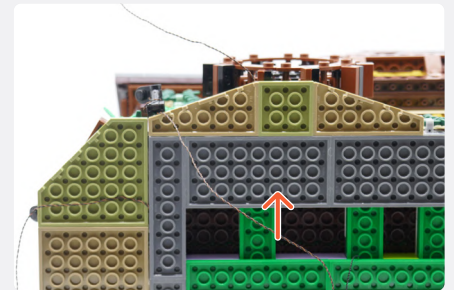
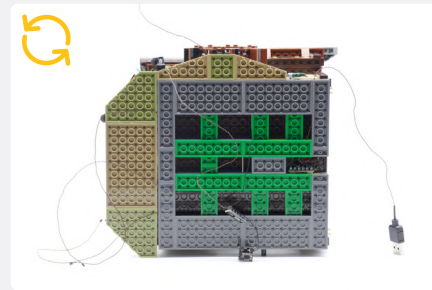


**NOTE**

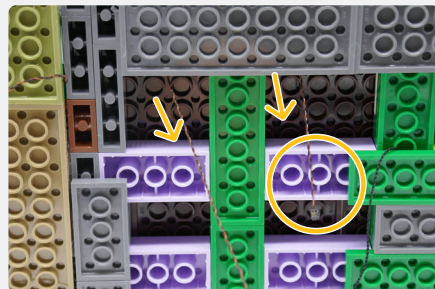
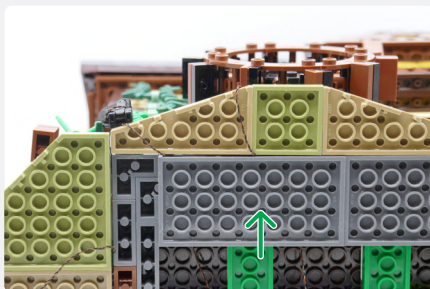
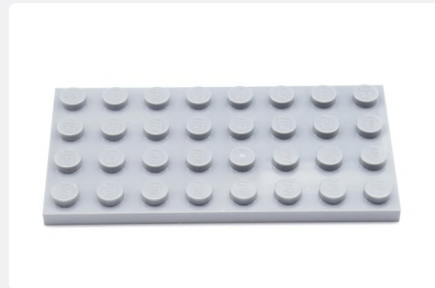
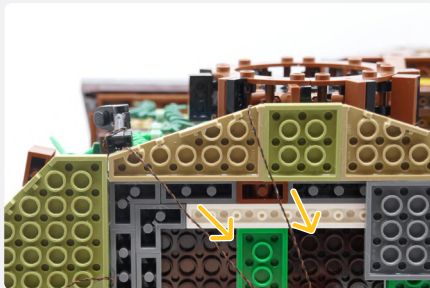
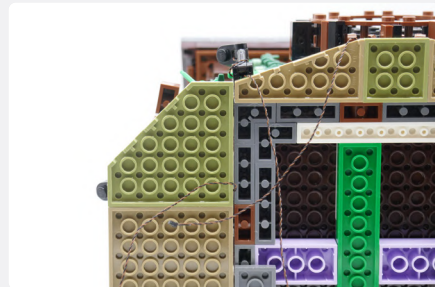
Hold down the cogwheel on the inside of the cottage while simultaneously reconnecting the wheel



**38**

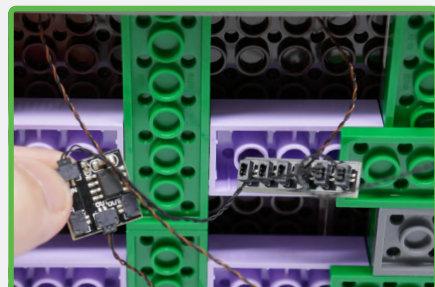




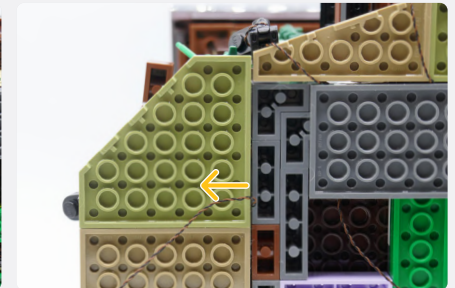
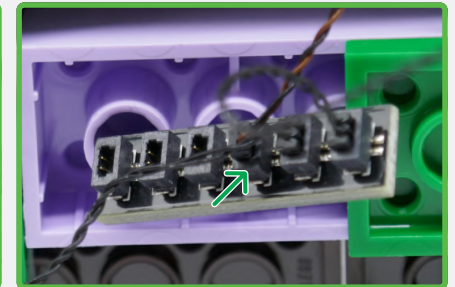
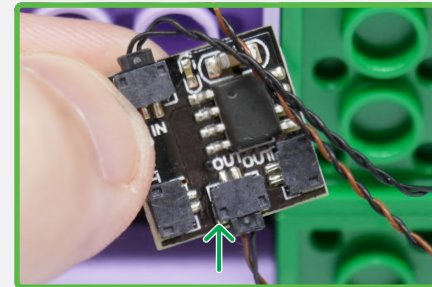



 **NOTE**

Connect the shorter cable to the 6-Port Expansion Board and the longer cable to the 'OUT' port of the Scary Flicker Effects Board

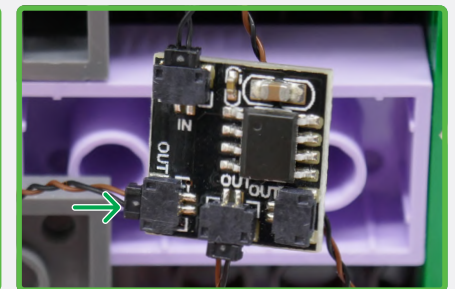


**39**

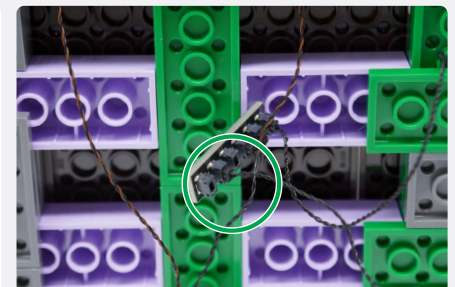


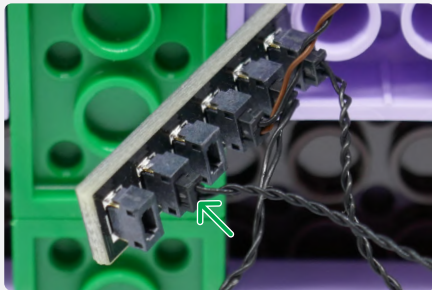
 **NOTE**


Connect the indicated Cool White 30cm Bit Light (spotlight) in the previous picture to the the 'OUT' port of the Scary Flicker Effects Board



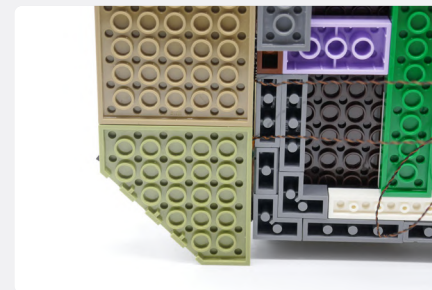
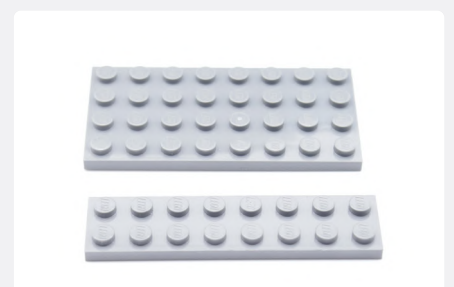
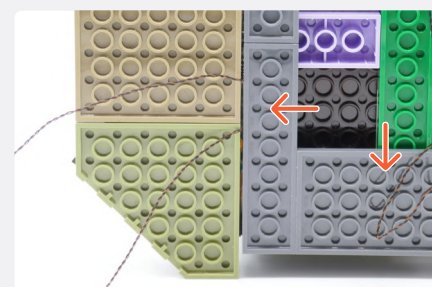
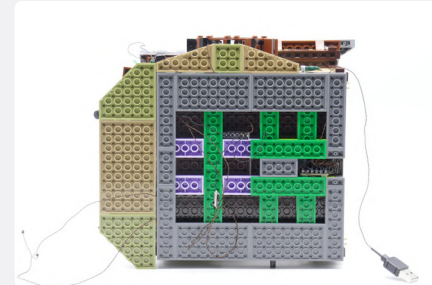
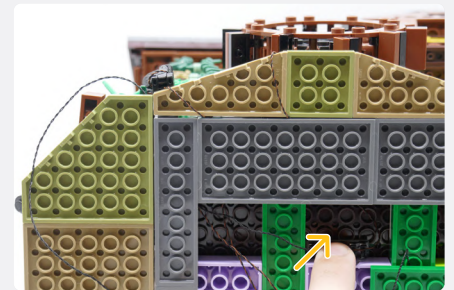
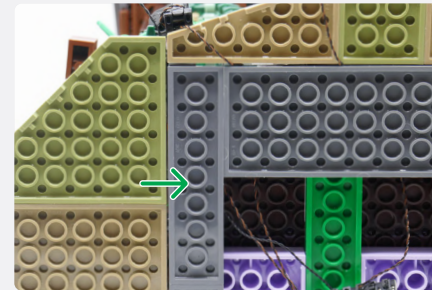
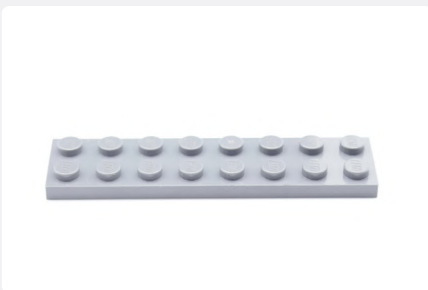
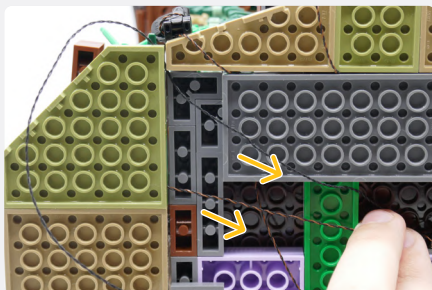
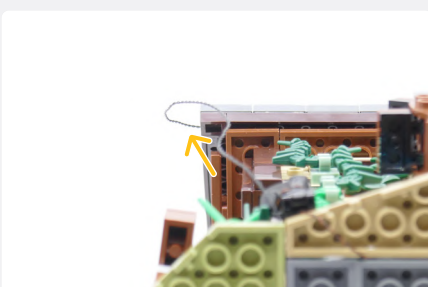
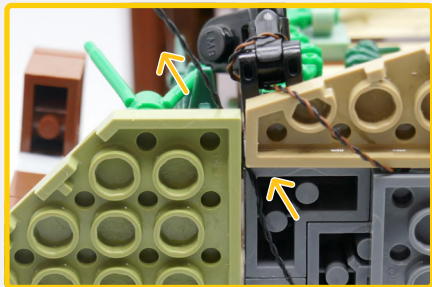
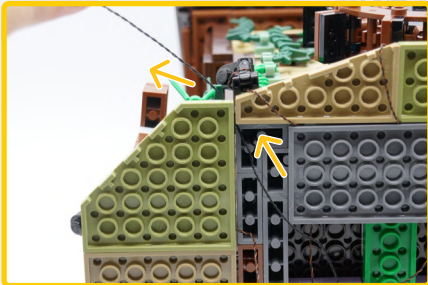
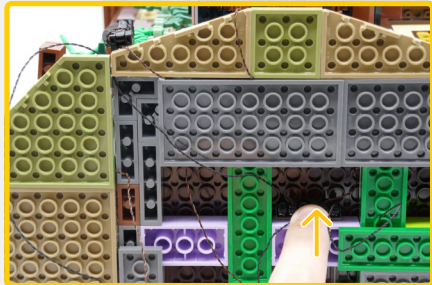
**50cm Connecting Cable**





 **NOTE**

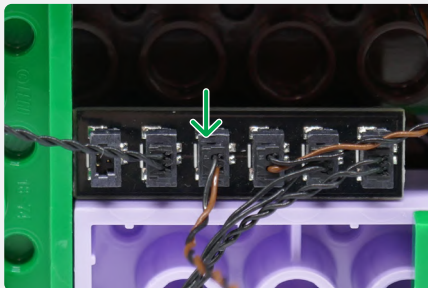
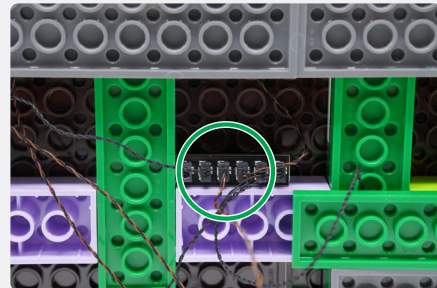
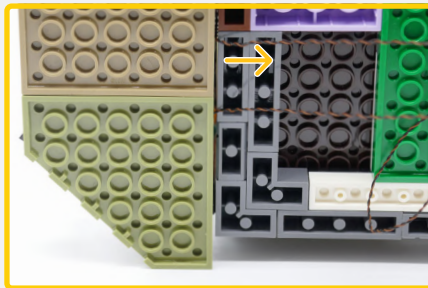
Hold the 6-Port Expansion Board in the following position while threading the 50cm Connecting Cable all the way through the following gap



 **NOTE**

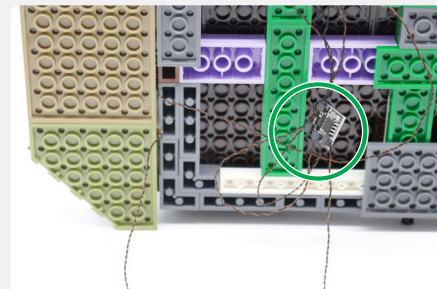
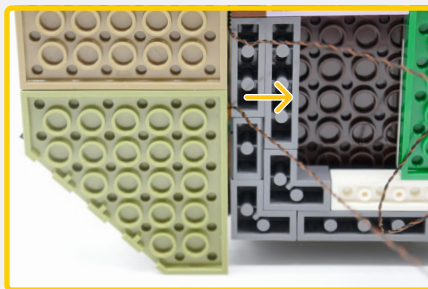
Connect the top cable only to the 6-Port Expansion Board

**40**



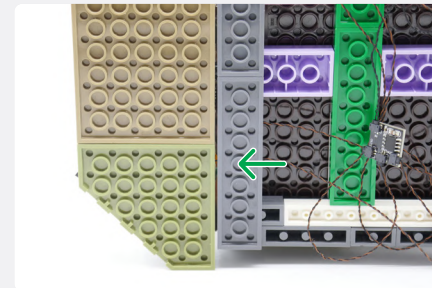
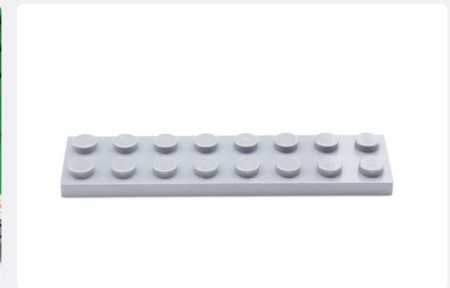
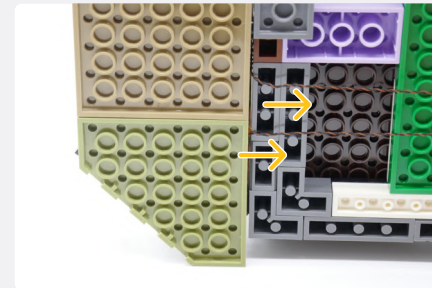
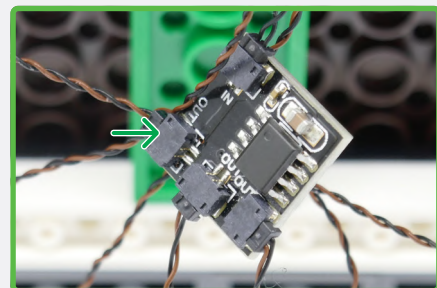
**NOTE**

Take the indicated cable (final spotlight)



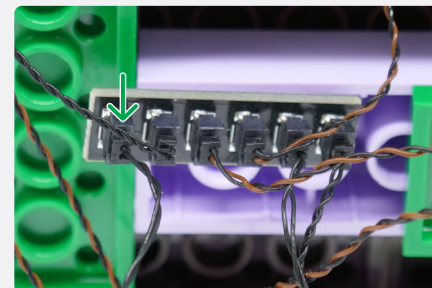
**NOTE**

Connect the cable to the 'OUT' port of the Scary Flicker Effects Board



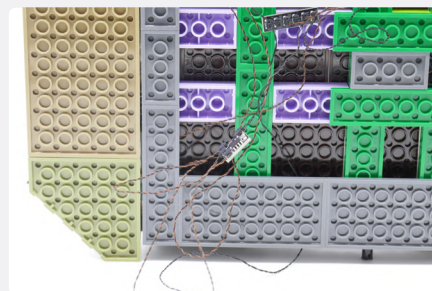
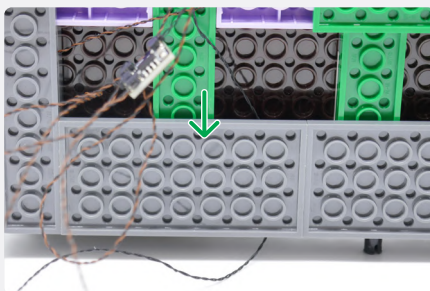
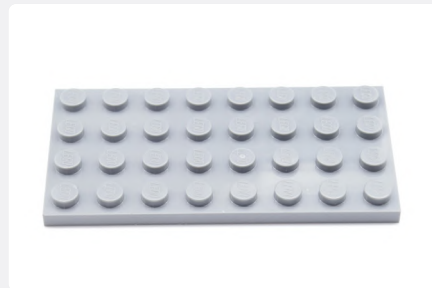
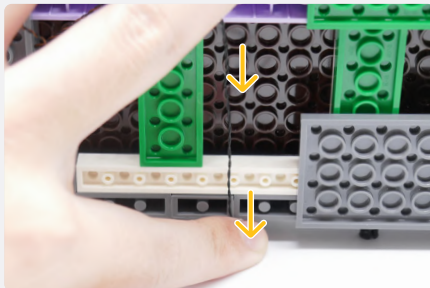
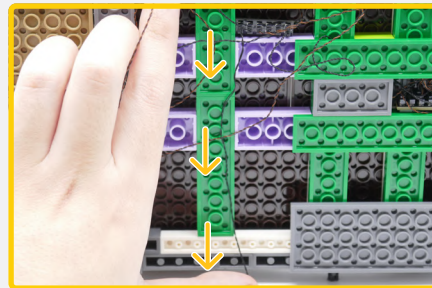
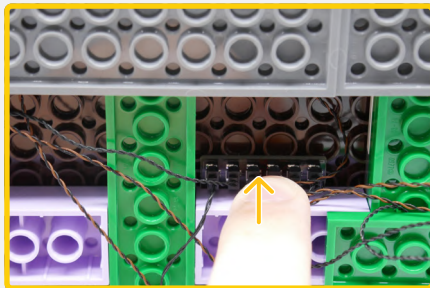
**41**

**50cm Connecting Cable**



**NOTE**

Hold the Expansion Board in the following position while the 50cm Connecting Cable is pulled down and secured into place

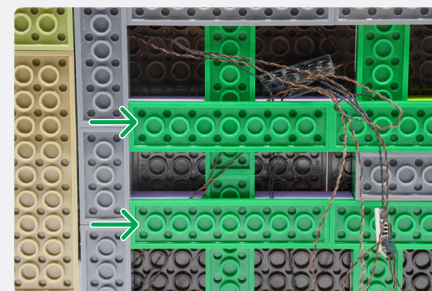
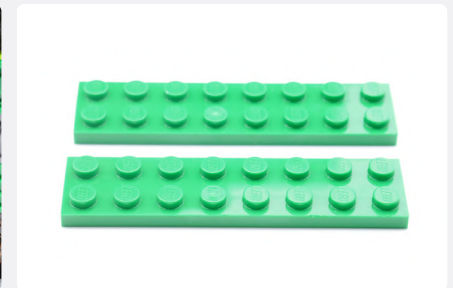
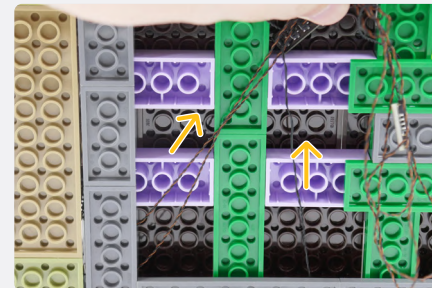
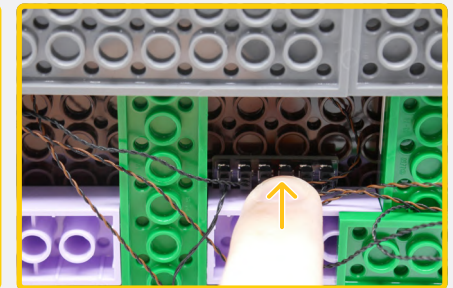


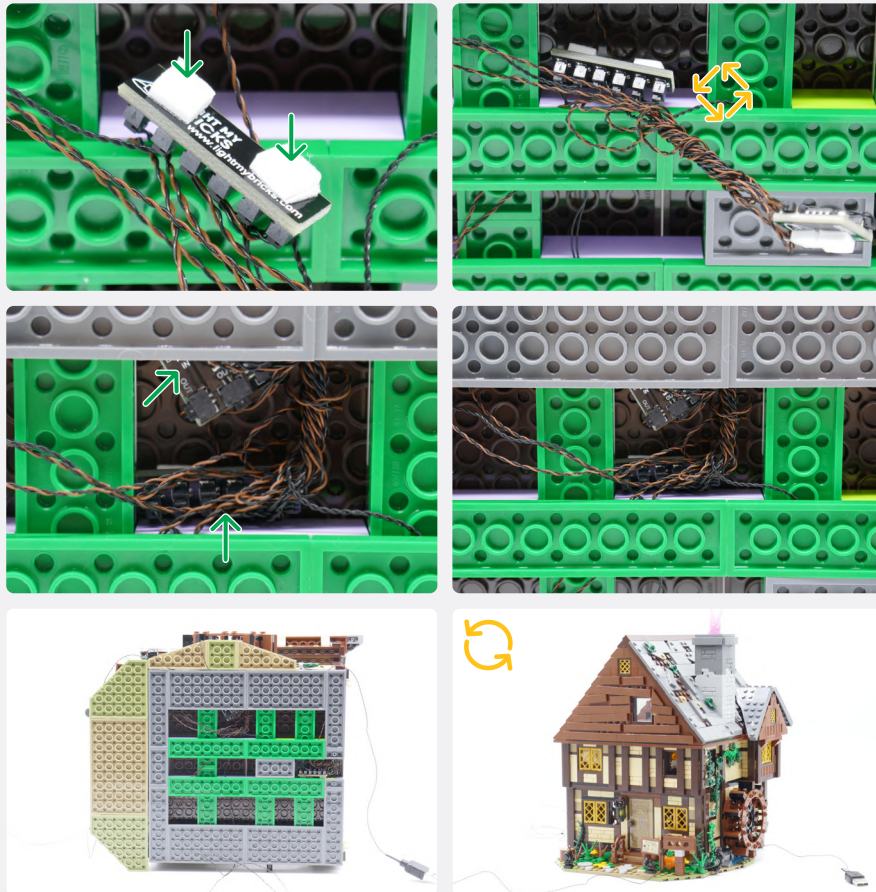
42



NOTE

Continue to hold the 6-Port Expansion Board in the following position






43



NOTE

Connect to a 5V USB Power Bank, 5V USB Wall Adaptor, or USB to AA Battery Pack (sold separately)



! 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 in our troubleshooting section. 

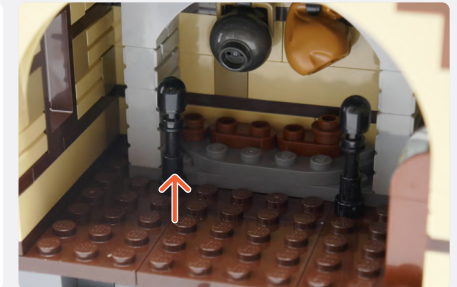
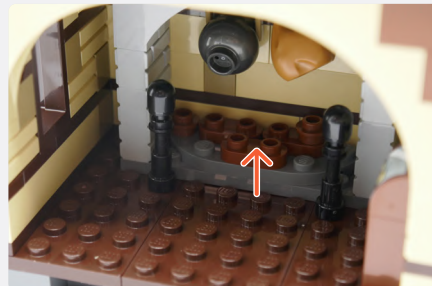
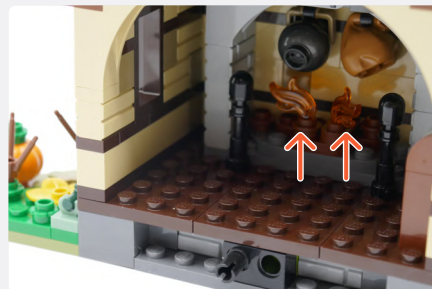
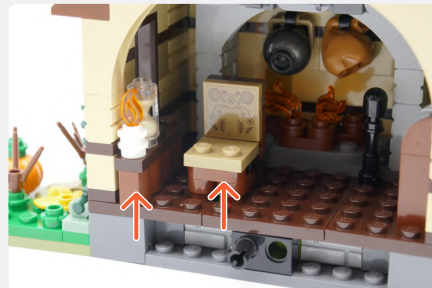


44

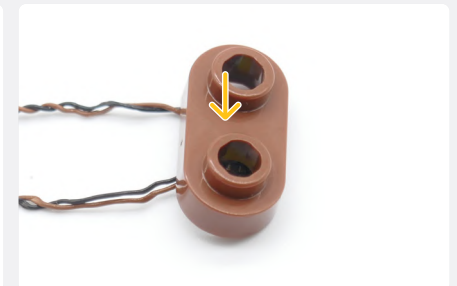


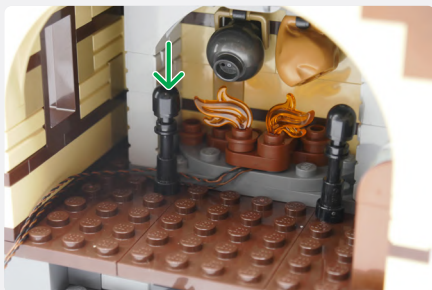
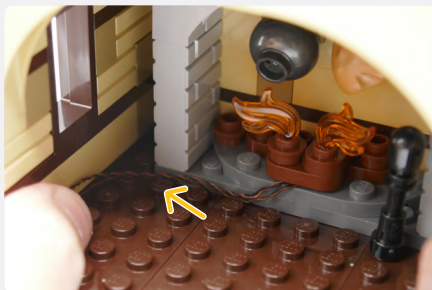
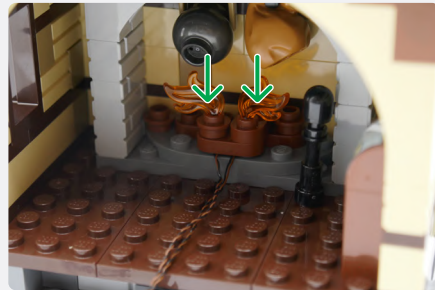
NOTE

If you are having trouble with this following Step, you can simply disconnect the roof temporarily



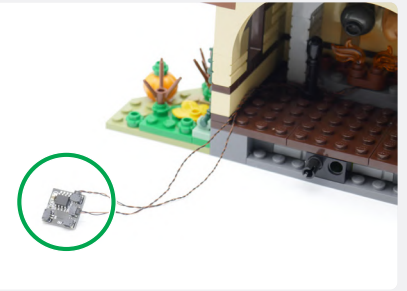
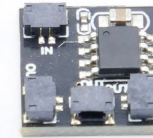
2 x White 15cm Bit Light





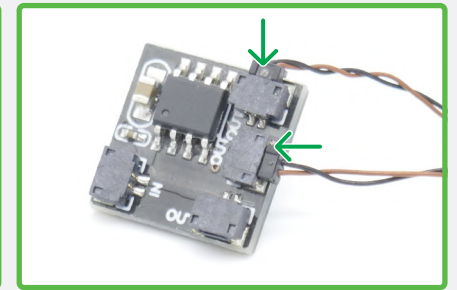
**45**

**Flicker Effects Board**



**NOTE**

Connect both White 15cm Bit Lights to the 'OUT' port of the Flicker Effects Board



**46**

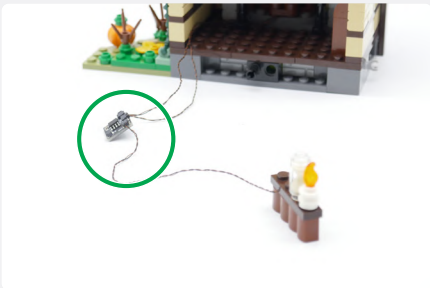




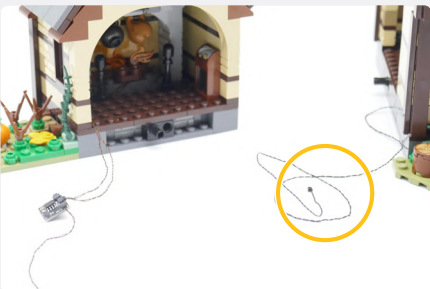
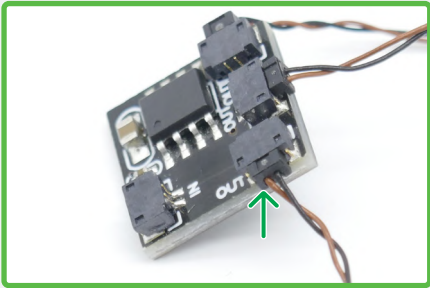
White 15cm Bit Light



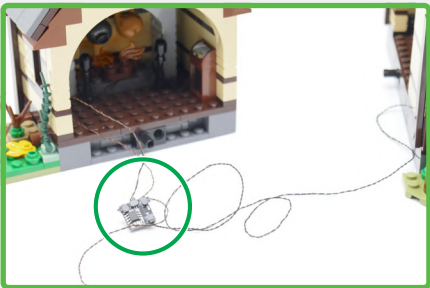
47



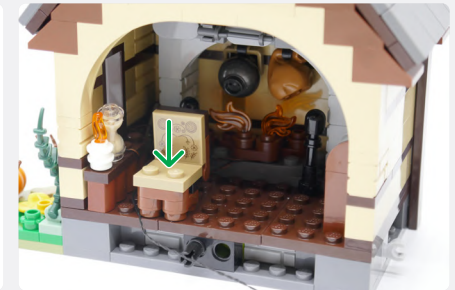
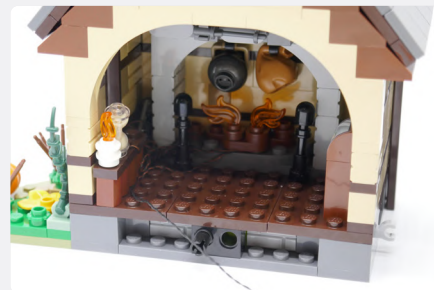
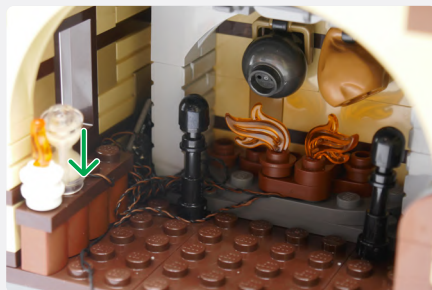
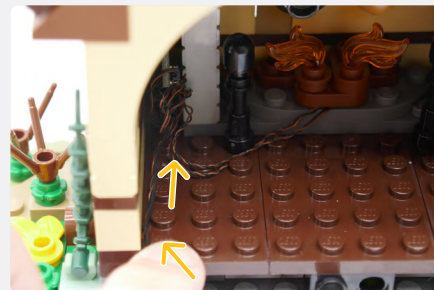
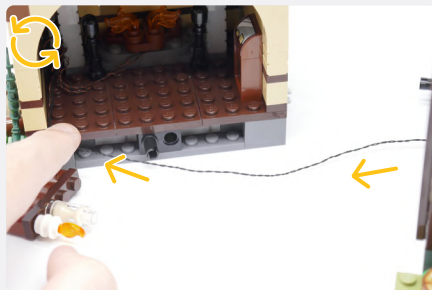
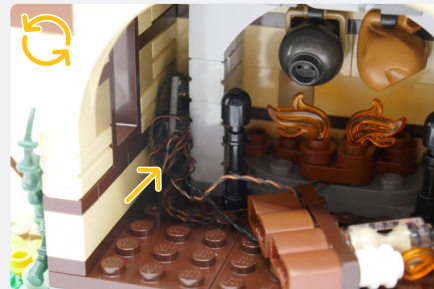
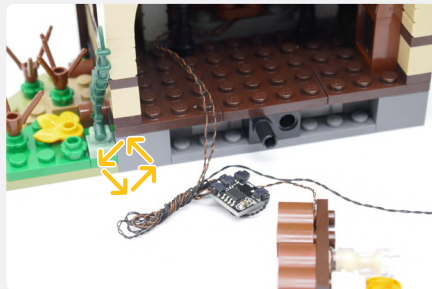
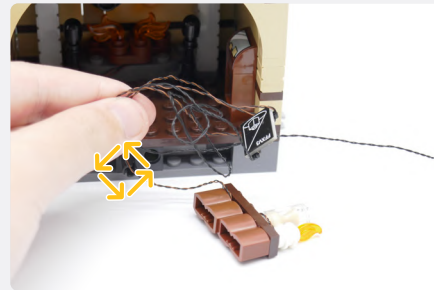
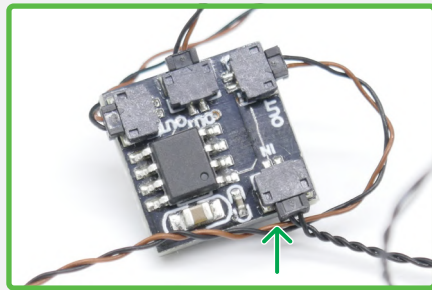
**NOTE**  
Connect the White 15cm Bit Light to the 'OUT' port of the Flicker Effects Board



**NOTE**  
Connect the loose 50cm Connecting Cable from Step 41 to the 'IN' port of the Flicker Effects Board

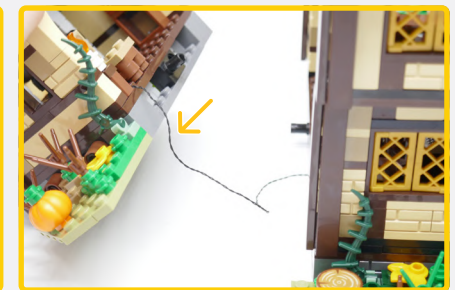






**NOTE**

Conceal any slack from the 50cm Connecting Cable beneath the building



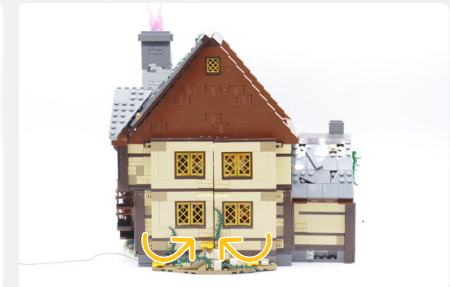
**48**

**NOTE**

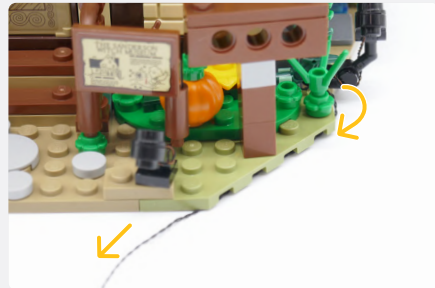
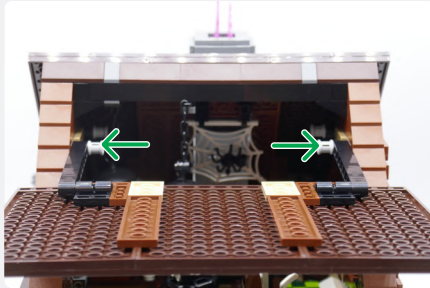
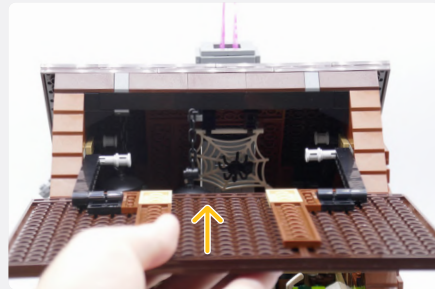
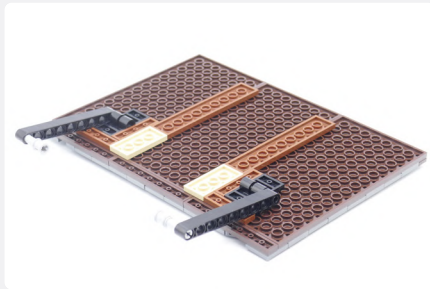
Connect to a 5V USB Power Bank, 5V USB Wall Adaptor, or USB to AA Battery Pack (sold separately)



! 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 in our troubleshooting section.


**49**


**50**



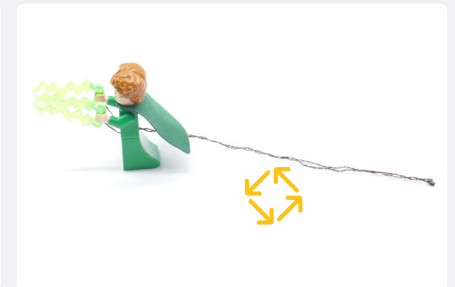
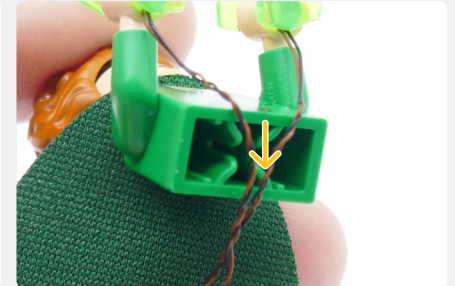
51

Green 15cm Micro Bit Light

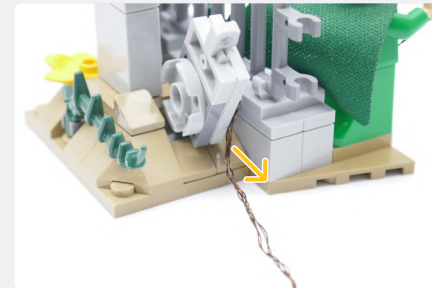
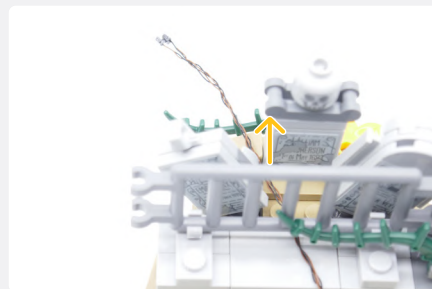
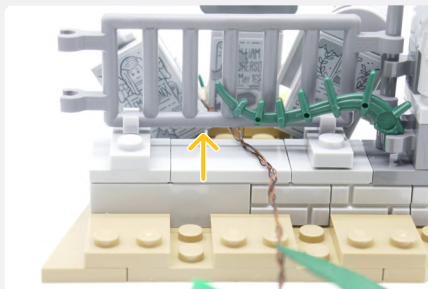
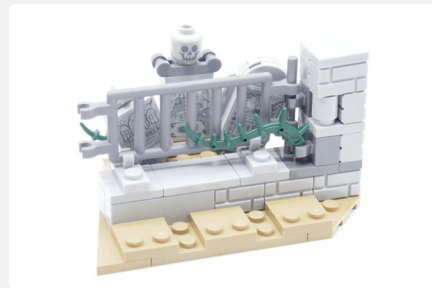


**NOTE**

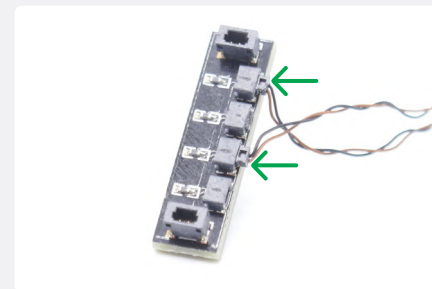
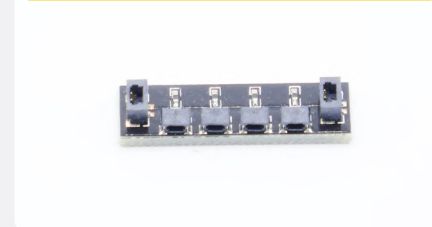
Repeat the same process for the opposite hand



52



4-Port Micro Expansion Board



**53**

Cool White 30cm Bit Light



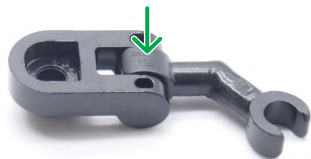
Plate, Round 1x1 with Open Stud - Black



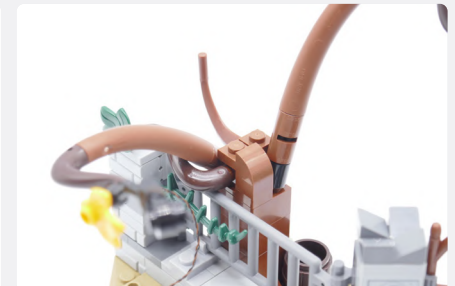
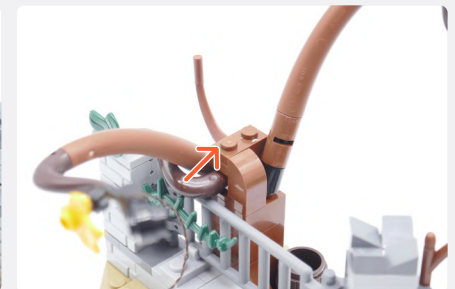
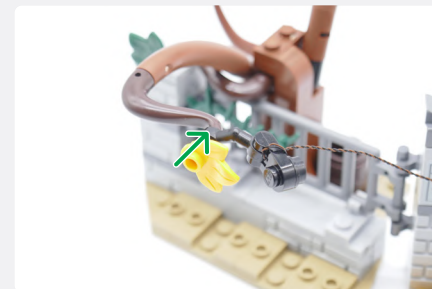
Plate, Round 1x1 with Bar Handle - Black

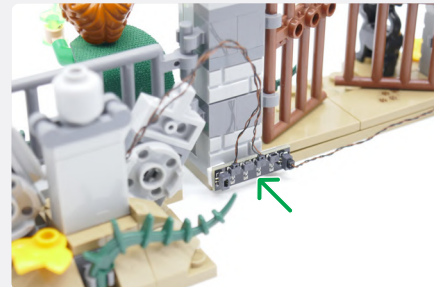
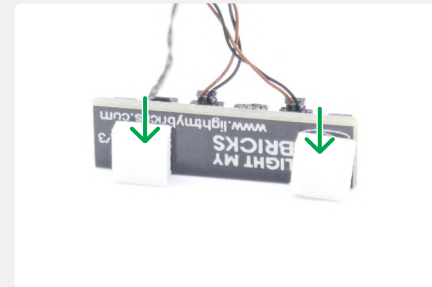
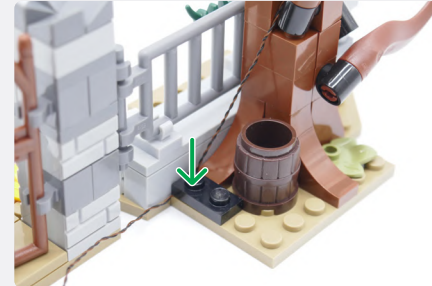
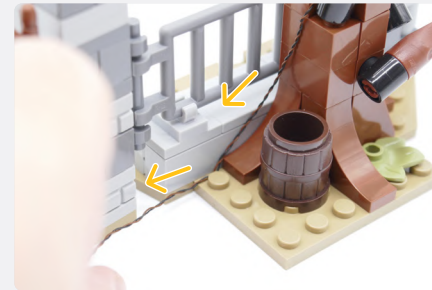
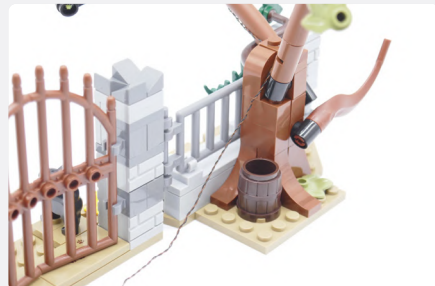
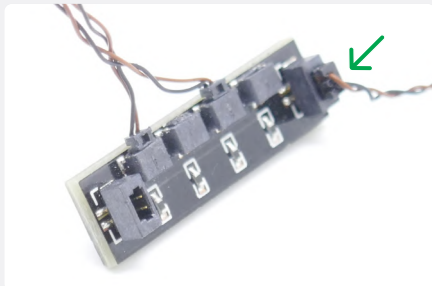
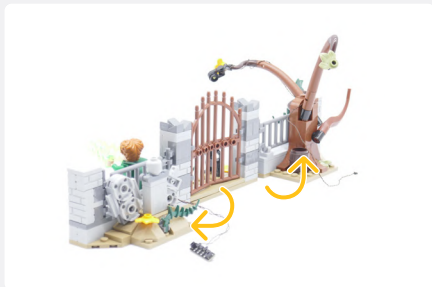
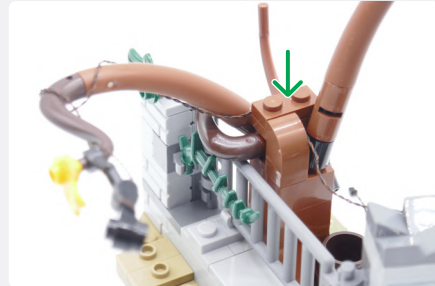


Arm Skeleton, Bent with Clips at 90 degrees (Vertical Grip) - Black

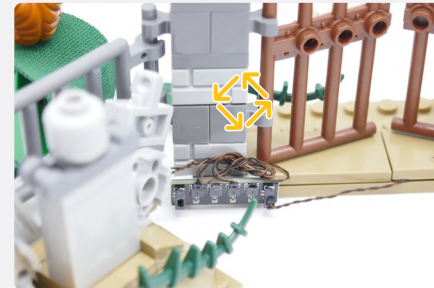
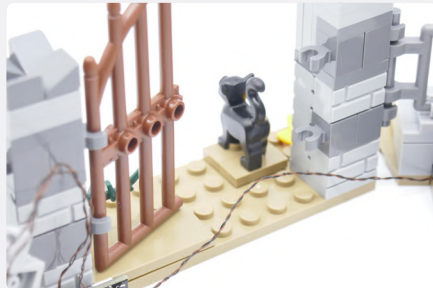
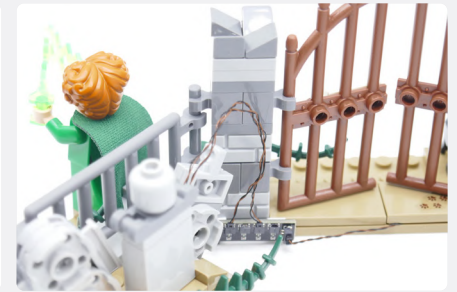
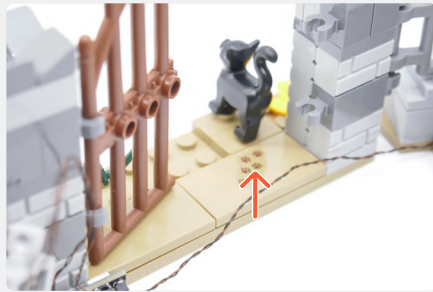
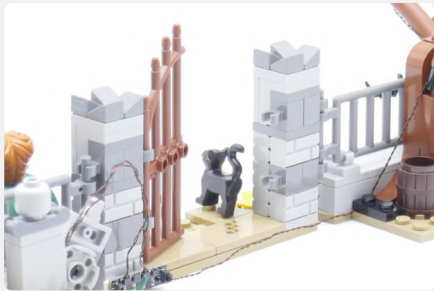
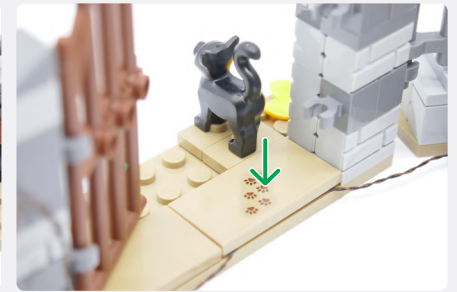
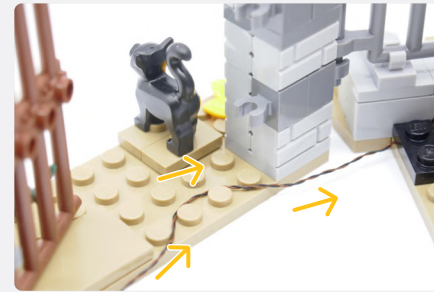
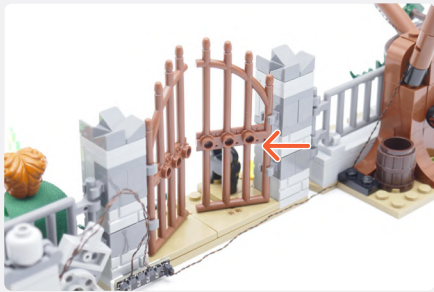


**53**



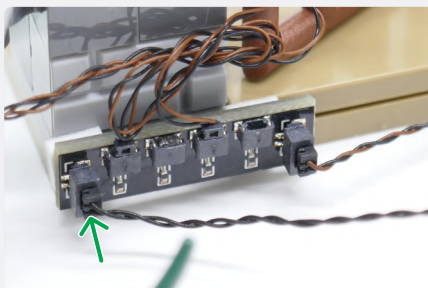
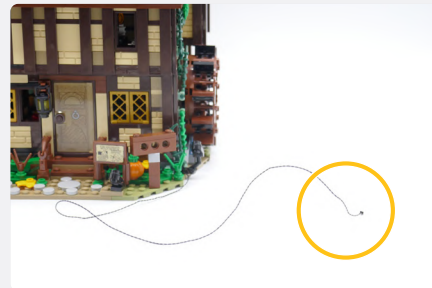


54





55



55



NOTE

Connect to a 5V USB Power Bank, 5V USB Wall Adaptor, or USB to AA Battery Pack (sold separately)



! 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 in our troubleshooting section. i



NOTE

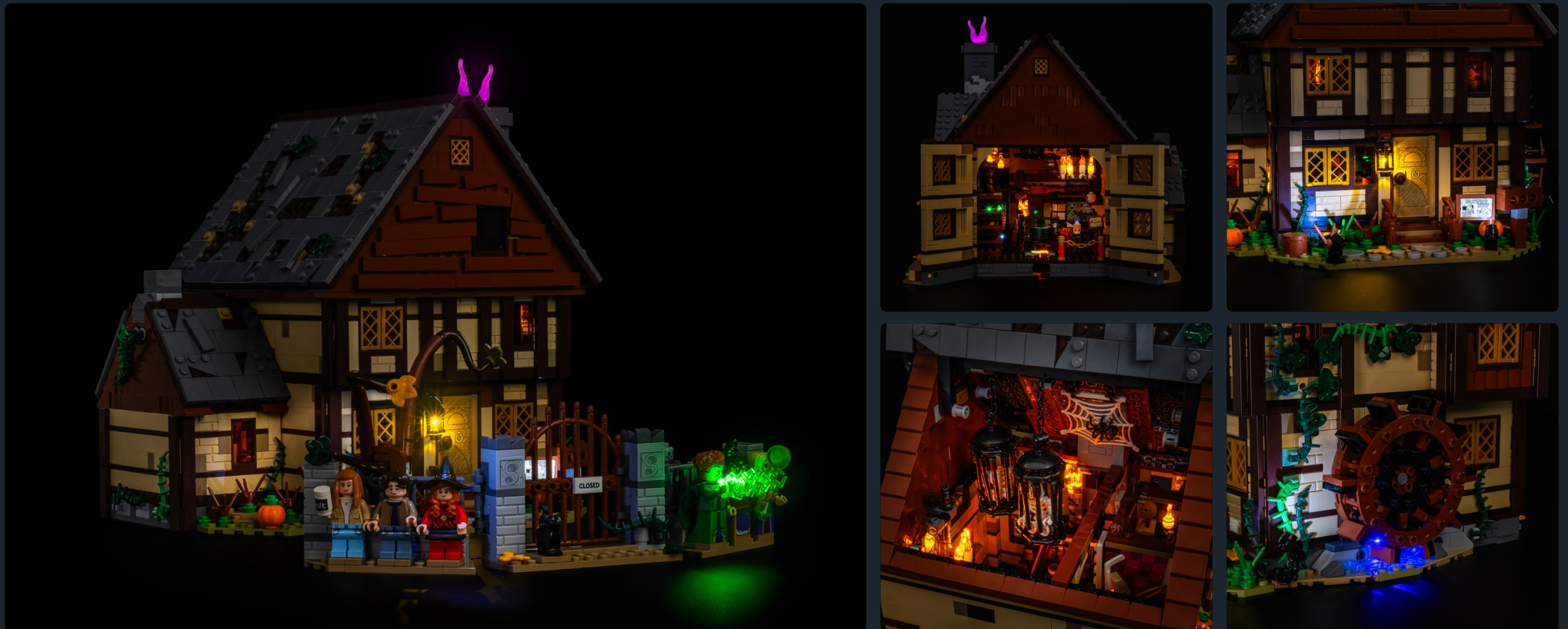
You should have these parts left over that were removed from the LEGO set



## FINAL PRODUCT

This finally completes installation of the Light My Bricks

LEGO® Hocus Pocus The Sanderson Sisters' Cottage 21341 Light Kit.





## TROUBLESHOOTING

Light My Bricks lighting kits contain individual components that are very small and can be easily damaged if not handled correctly.

To prevent unnecessary damage to components, we highly recommend that the User Guide section, **“Important things to note”** is read carefully. Follow the handling procedures in the User Guide to help prevent faults and damages to your Light My Bricks components.

If you are experiencing issues with your Light My Bricks set, watch our troubleshooting video [here](#) or read on for a list of common causes to help you troubleshoot.

## Troubleshooting

**Firstly, ensure that the batteries have power using a battery charge gauge.**

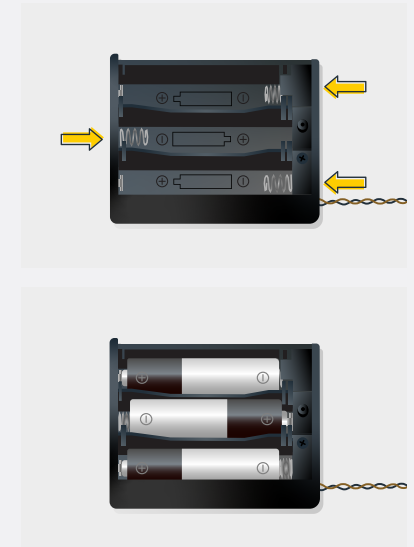
**If the batteries have no power, replace the batteries.**

**If the batteries still have power, check to see if the batteries have been inserted correctly into the battery pack.**

### Check for AA batteries using the AA battery pack

Inside the battery pack are symbols indicating which direction the AA battery should be inserted. The flat side of the battery should be paired with the spring side of the battery pack.

If the batteries have been installed correctly and your kit still isn't operating correctly, the next step is to check the wiring.



## Troubleshooting

### Check Your Wires

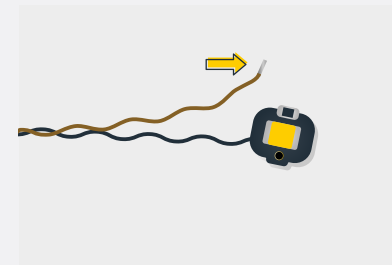
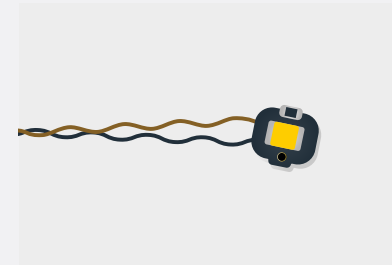
In order for Light My Bricks components to fit in between and underneath LEGO® bricks, the components need to be very small. Due to this nature, Light My Bricks components can be easily damaged when not handled correctly.

Be careful when removing unpacked components out of the packaging and ensure not to forcibly pull at the wires as this can damage the soldering that attach the wires to the LEDs.

If the wiring is detached from the LED itself, the light will not operate.

When connecting lights to your LEGO® set, check that there are no pinched wires underneath or in between bricks and plates.

When the wires are pinched and the exposed wires are touching each other, this can cause a crosswire and the lights to not function correctly.



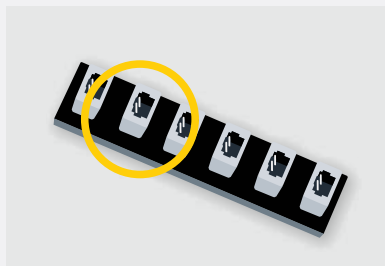
## Troubleshooting

### Check Your Expansion Board Ports / Strip Light Ports / Effects Board Ports

It is important to note that connectors can only be inserted to the expansion board, strip light, or effects board ports in one direction.

Forcibly inserting connectors in the incorrect direction will result in damaging the pins inside each of the ports on your component board.

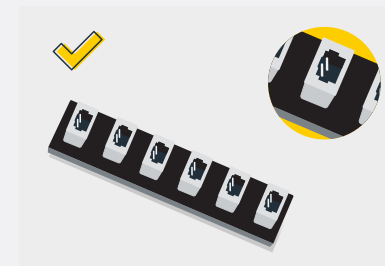
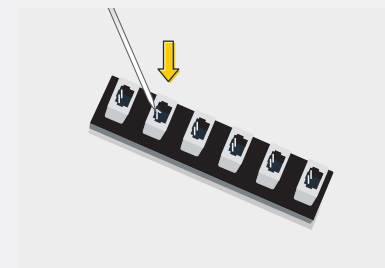
Not only will a light connected to the damaged port not work, but if the pins inside the port are bent to a point they are touching each other, this can result in all other lights in the system to stop working. This is a short circuit.



A short circuit can also result in overheating of the board, cable or batteries. If you suspect a short circuit, **DISCONNECT POWER IMMEDIATELY**. Batteries can fail, catch fire, or even explode if left connected to a short circuit for too long.

If you suspect you have a faulty component due to a bent pin, try the following steps:

If you look carefully inside each of the ports, each port contains 2 small pins that should be straight. You will be able to identify a faulty port if it has any bent pins.





## CONTACT US

If you have an enquiry regarding the online shop, our products or a general enquiry please refer to our Frequently Asked Questions webpage here.

Alternatively, you can contact our Customer Services team by visiting our online support portal here.

[support.lightmybricks.com](https://support.lightmybricks.com)

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



[lightmybricks.com](https://lightmybricks.com)