

Ewok™ Village 10236 Lighting Kit

Package contents:

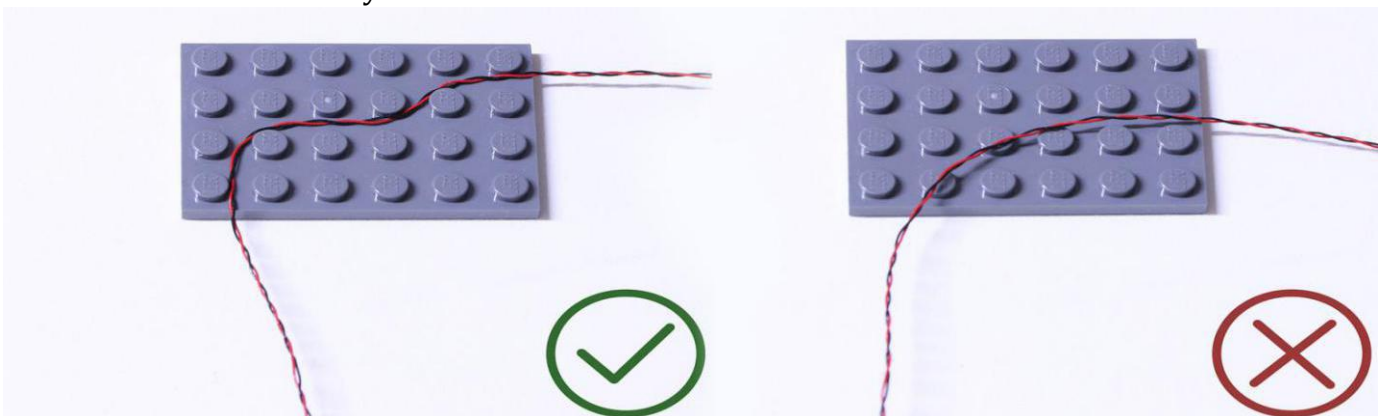
- 4 x 15cm Warm White Dot Lights
- 13 x 30cm Warm White Dot Light
- 8 x 30cm Green Dot Light
- 2 x Warm White Strip Lights
- 2 x Green Strip Lights
- 7 x 5cm Connecting Cables
- 2 x 15cm Connecting Cables
- 1 x 30cm Connecting Cables
- 1 x 50cm Connecting Cables
- 1 x 2-port Expansion Board
- 3 x 6-port Expansion Boards
- 1 x 8-port Expansion Board
- 1 x 12-port Expansion Board
- 2 x Flicker Effects Boards
- 1 x USB Cable

Extra LEGO pieces

Note:

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

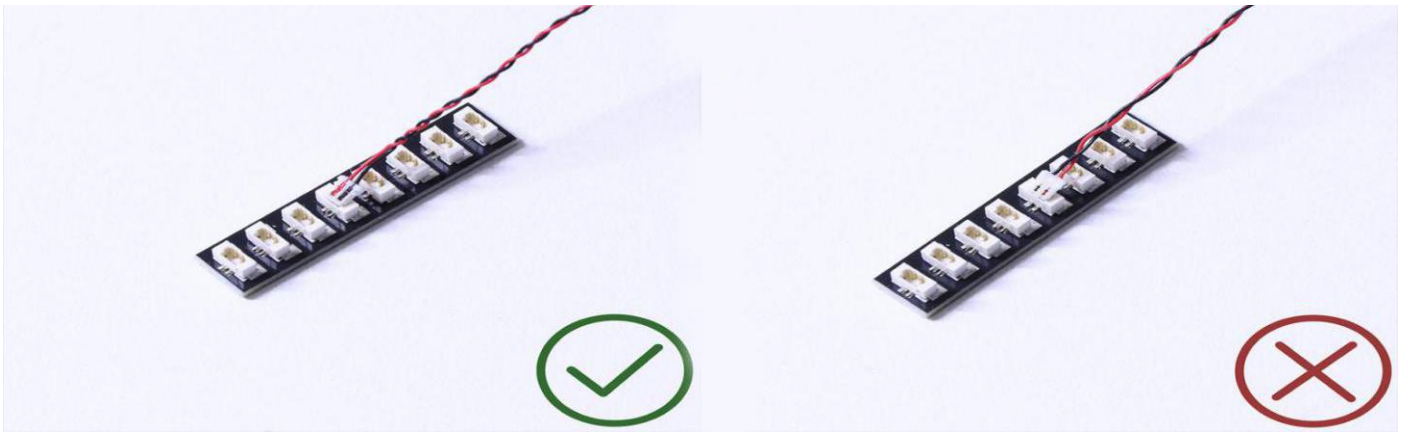
The wire can be placed between the building blocks or under the block, but they should be placed between the studs correctly.



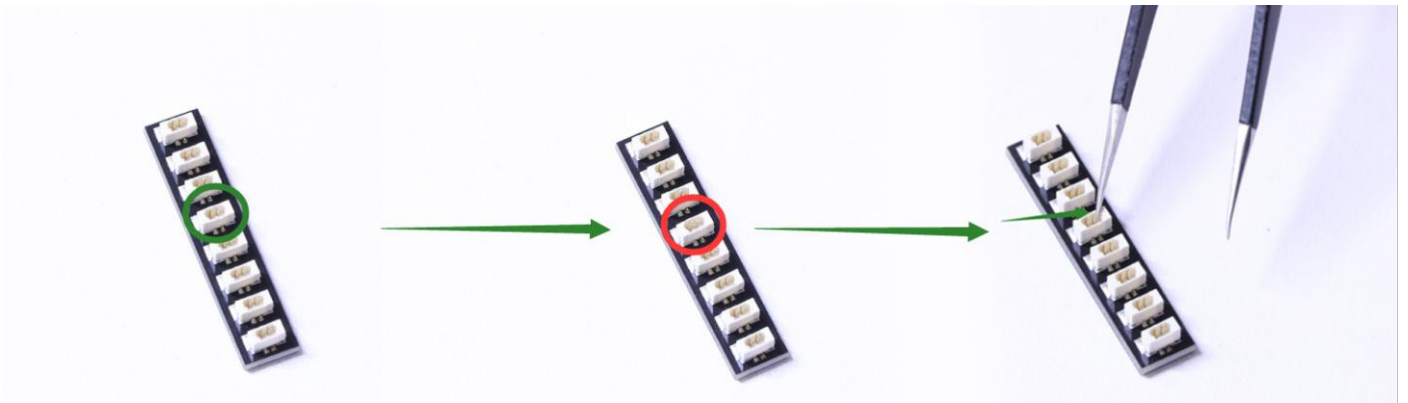
Insert the connectors to the ports.

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

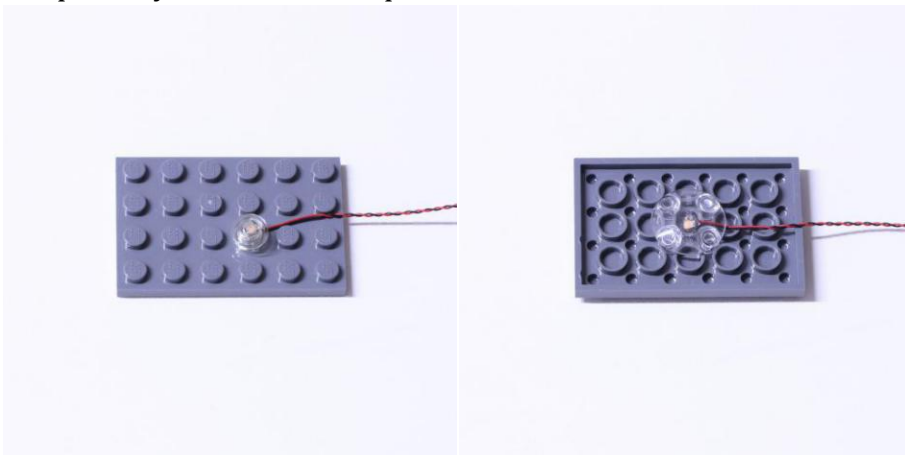
board.



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

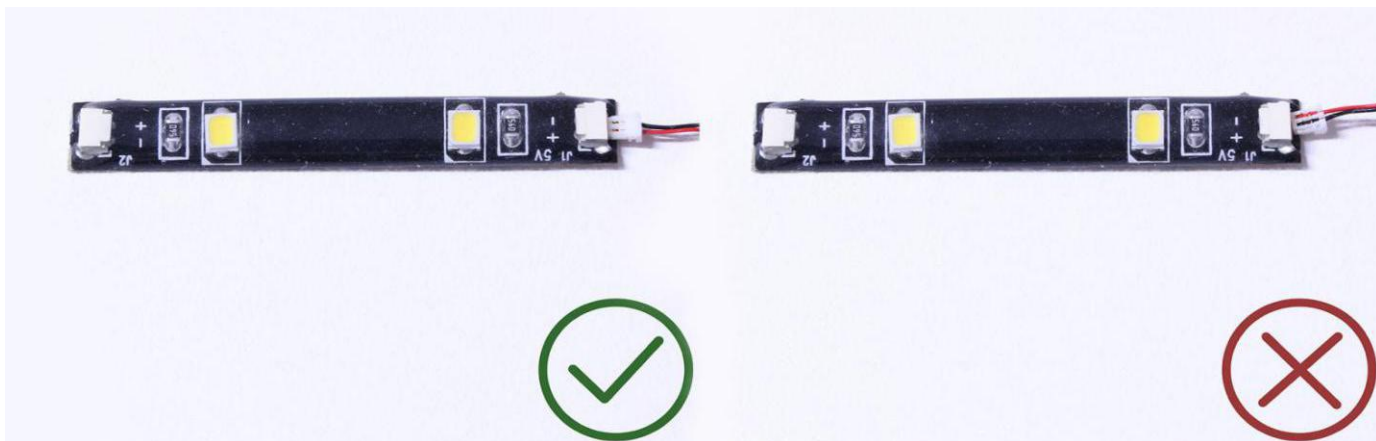


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

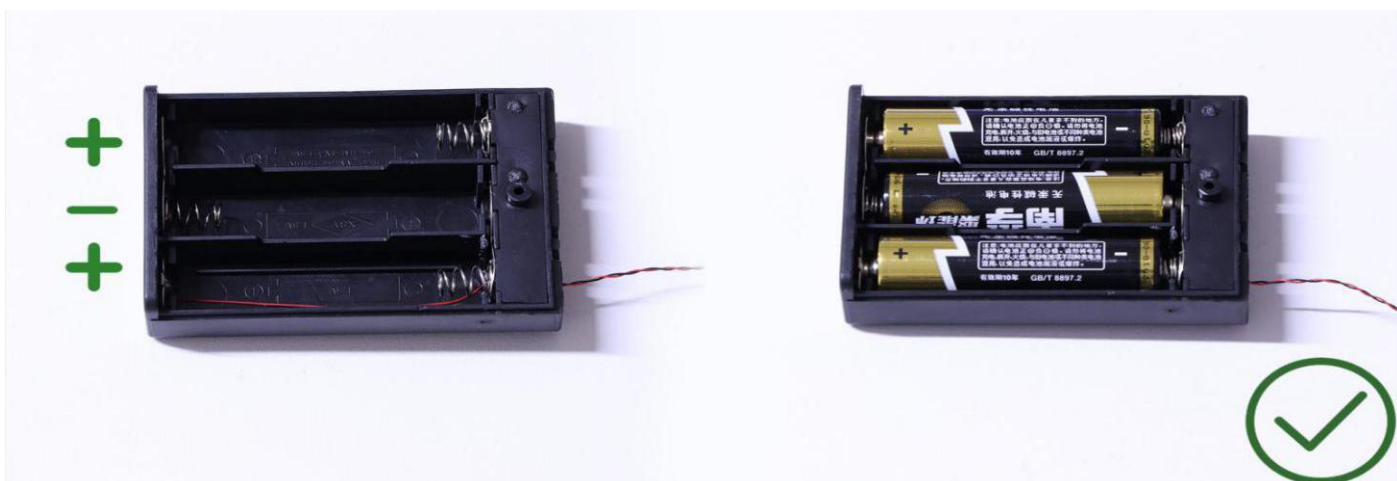


Connecting cable connectors to Strip Lights

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



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



Instructions for installing this kit:

OK, Let' s Begin!

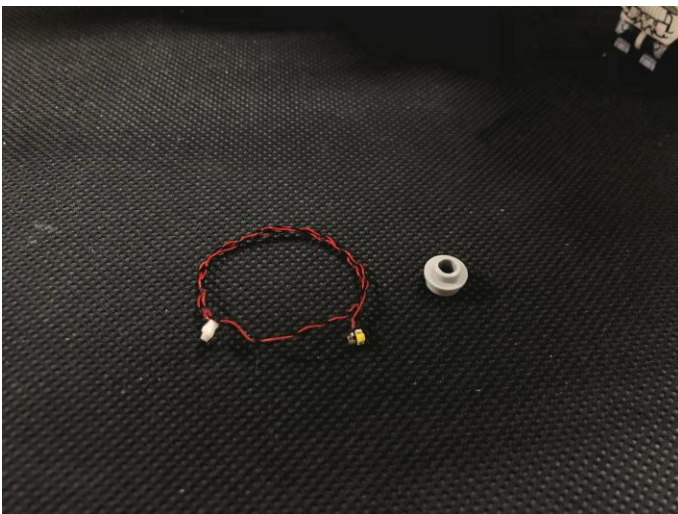
Start from installing the laser sword



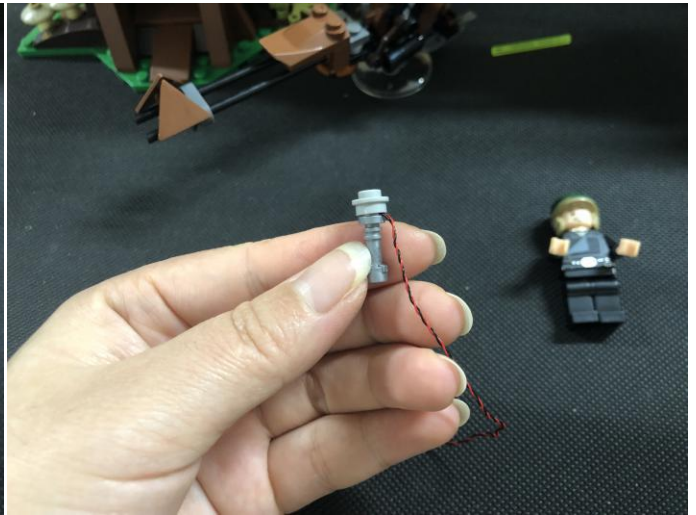
Disconnect the sword and disassemble it as per below



Take a warm white 15cm dot light, a light gray 1x1 round plate with hole



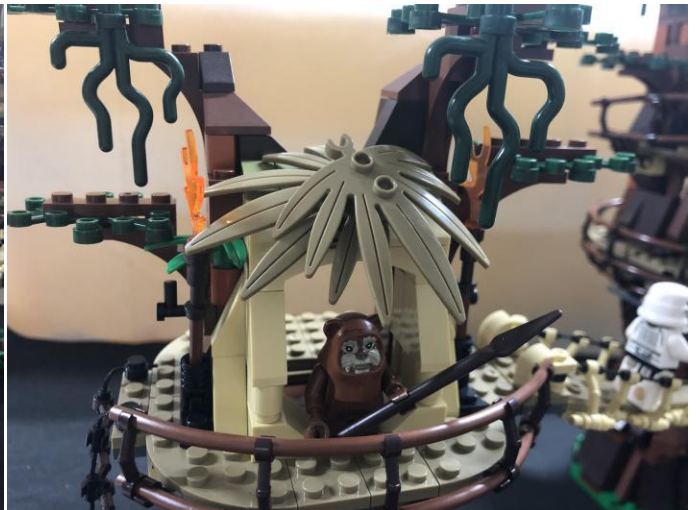
With lighting part facing up, secure the light with the round piece

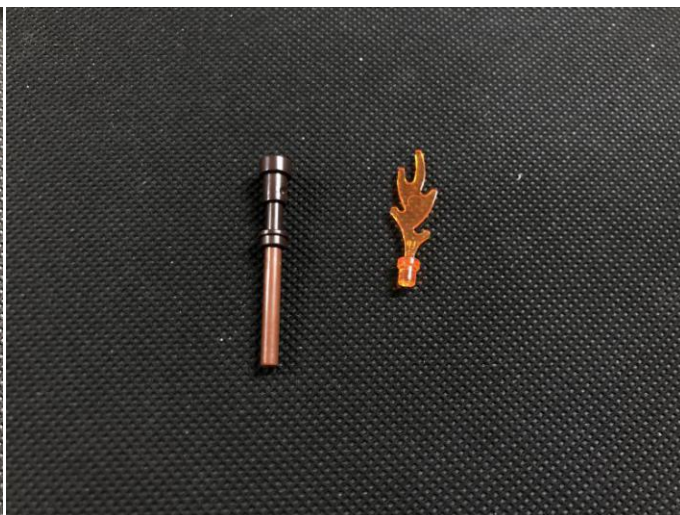


Reconnect the green piece, place the sword back to the hand of the man



Now, we' ll install lights for the tree house at the far left, remove the torch(torch#1) from the door, disassemble it as per below





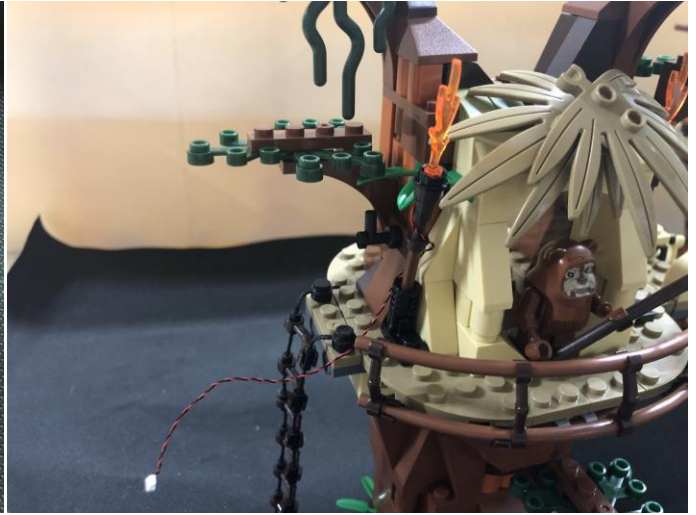
Take a warm white 15cm dot light, a black 1x1 round plate with hole



With lighting part facing up, secure the light with the black round piece as per below



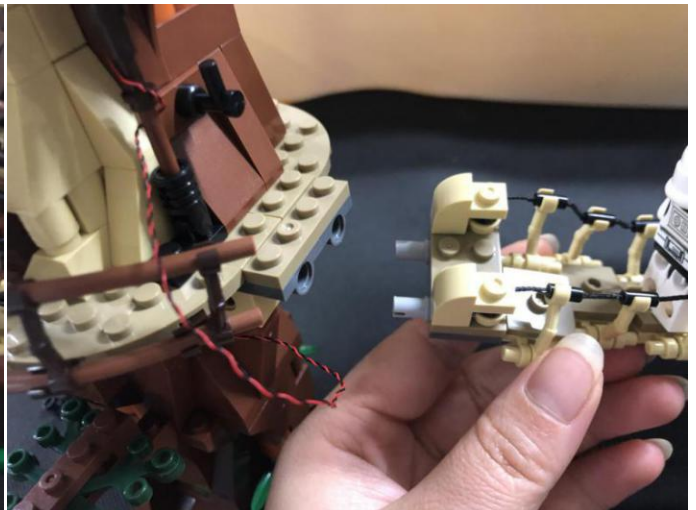
Reconnect the torch



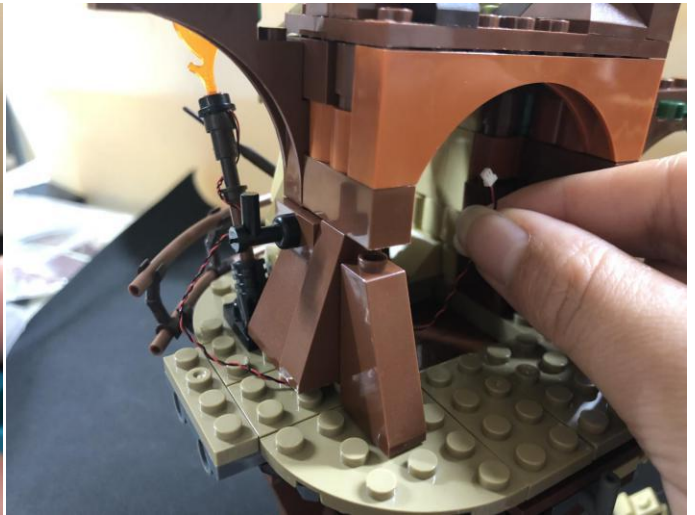
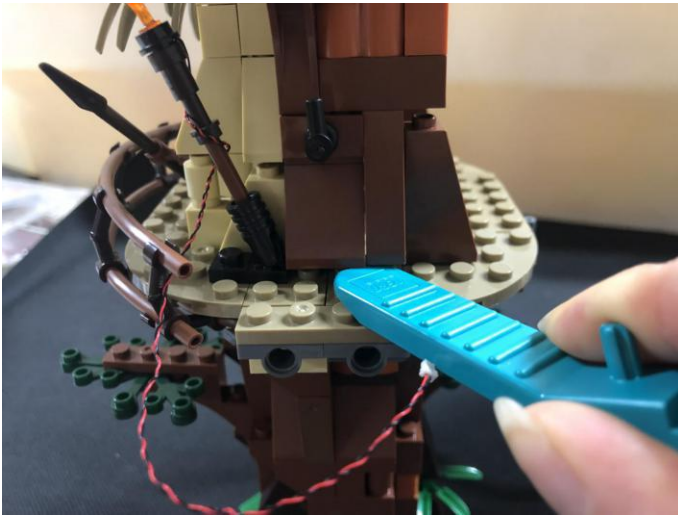
Take a warm white 15cm dot light, a black 1x1 round plate with hoe. Repeat the steps above to install the other torch (torch#2)



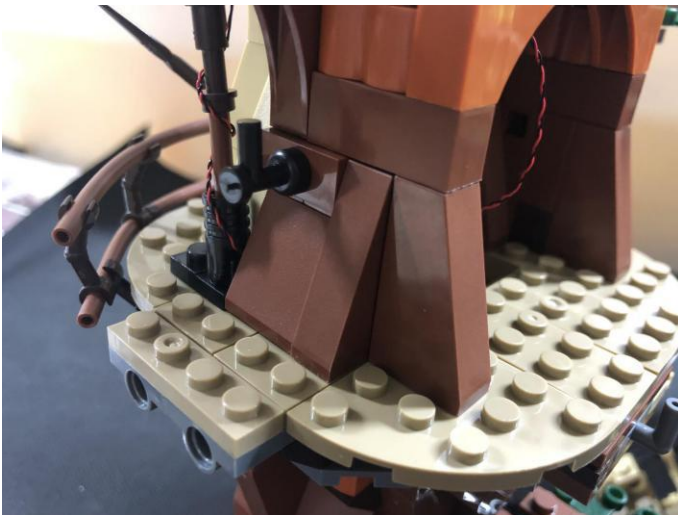
Disconnect the bridge as per below



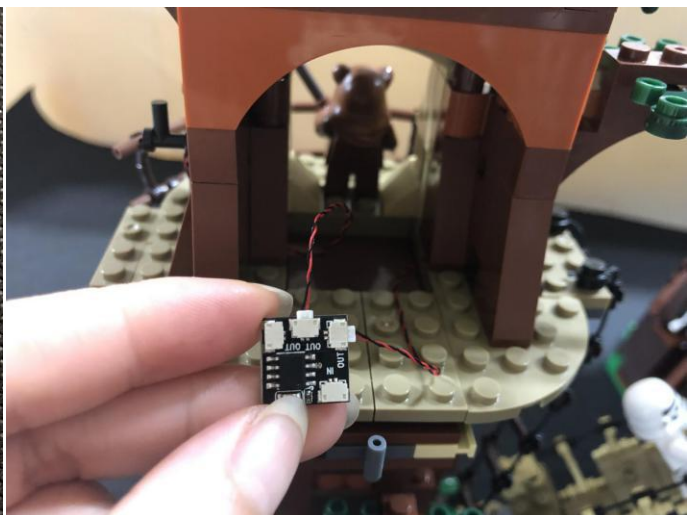
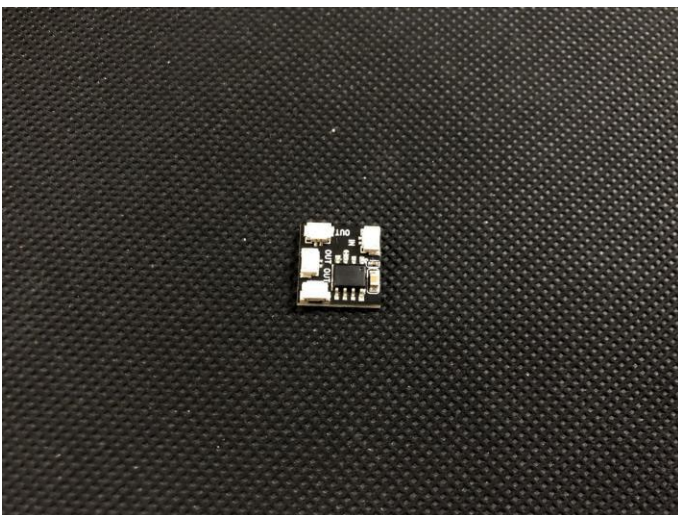
Lift the following piece to allow the cable thread through the gap to the inside



Reconnect the piece we lifted. Repeat the steps we did before to thread the other cable to the inside as per below



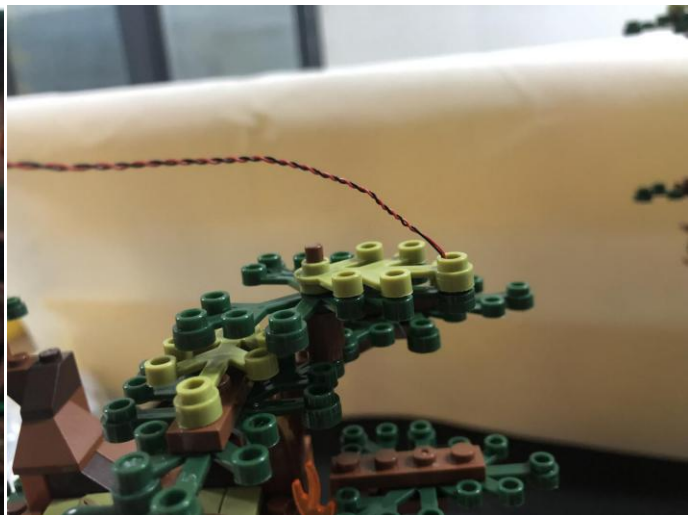
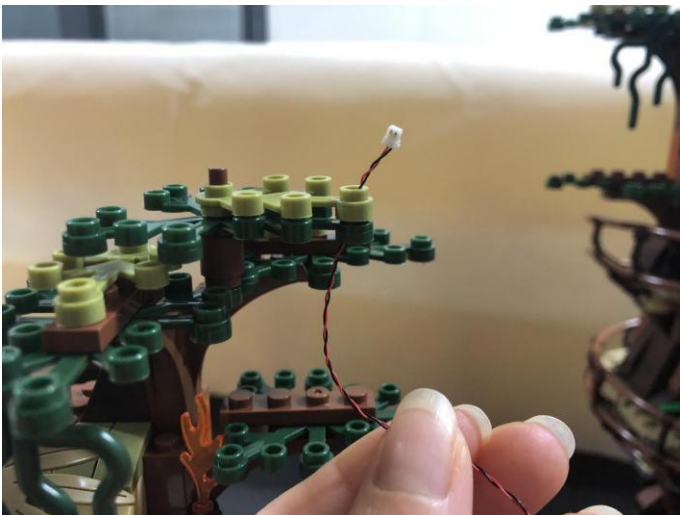
Take a Flicker Effects Board, connect the cable of the torch#1 and torch#2 to the Flicker Effects Board



Take a 30cm green dot light



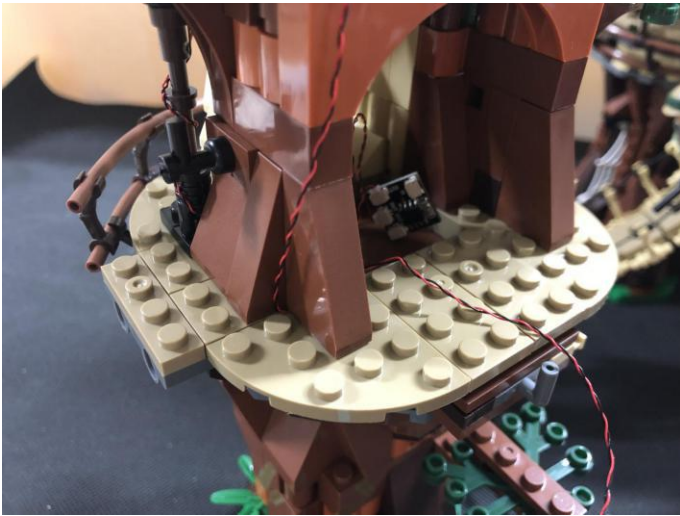
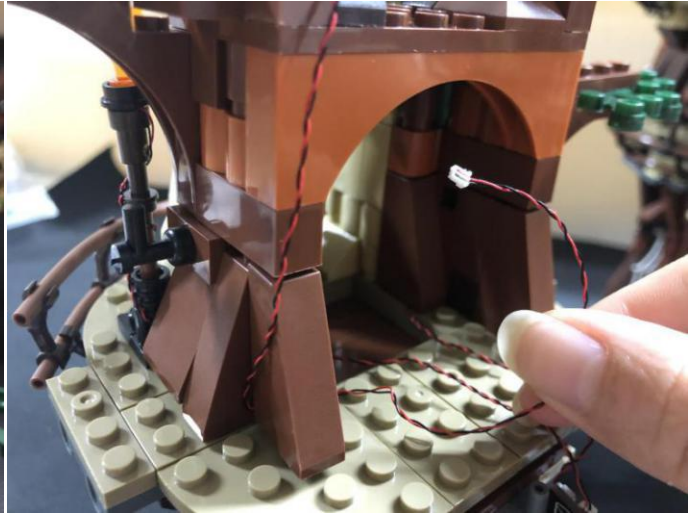
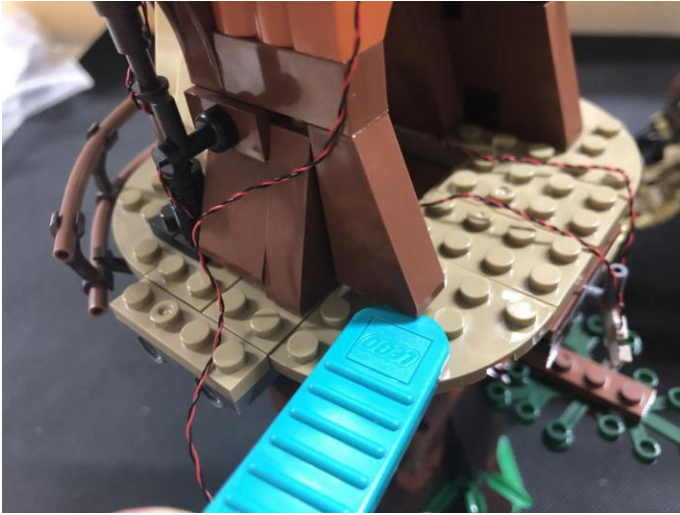
Install the light on the leaf, thread the light through the hole on the leaf, pull the cable out. (Note: you can install the light to any leaf on the tree)



Tuck the cable around the trunk several times (there' s no specific position you need to place the cable at), pull the cable backward



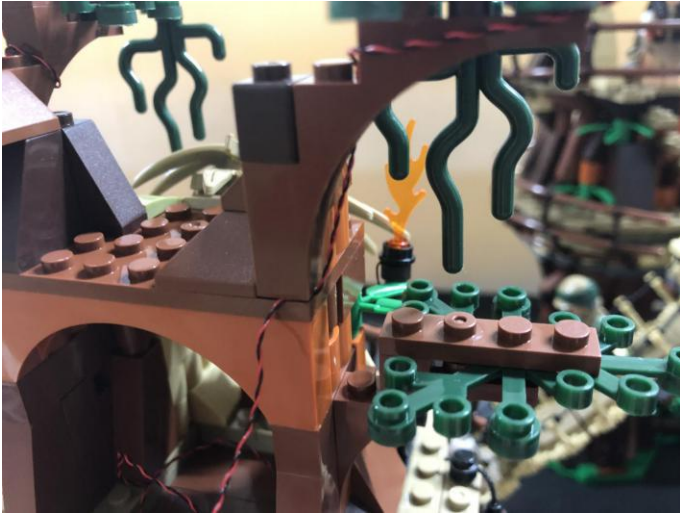
Lift the following piece, thread the cable of the leaf through the gap, reconnect the piece we lifted



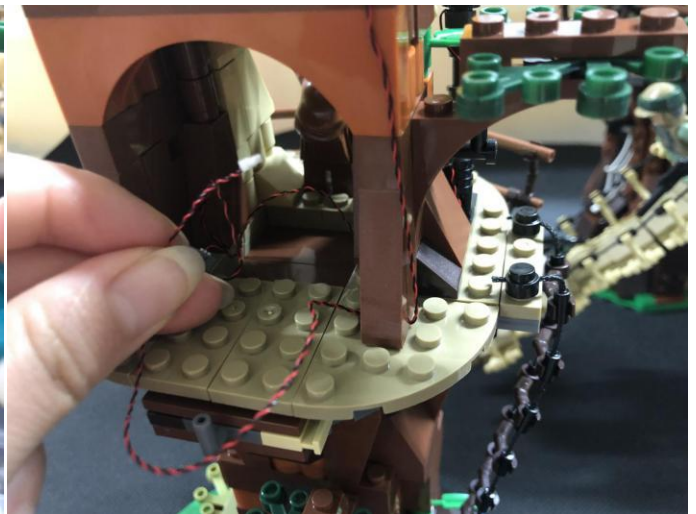
Take a green 30cm dot light to install another light for the leaf (note: you can install it to any leaf)



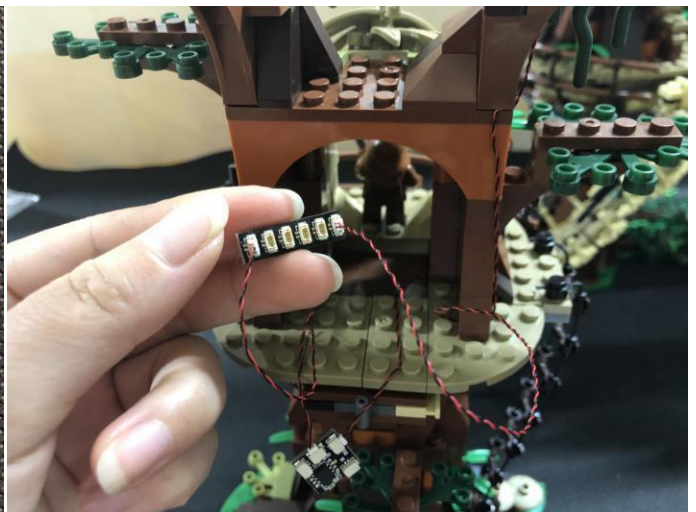
Wind the cable around the trunk twice, then secure it as per below



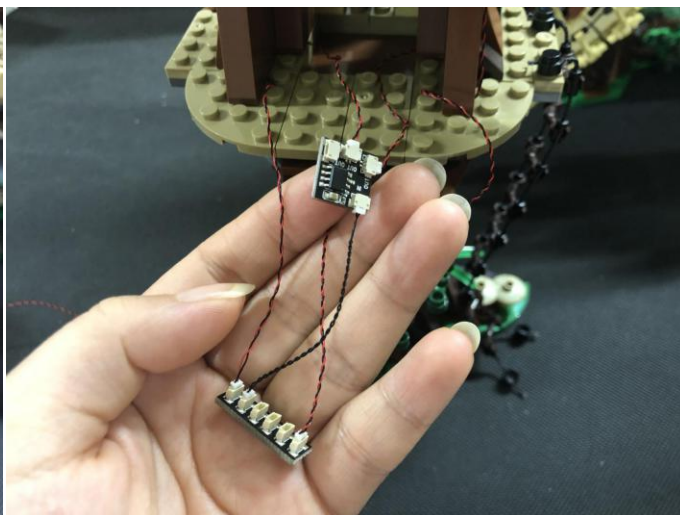
Lift the following piece to allow the cable thread through the gap as per below



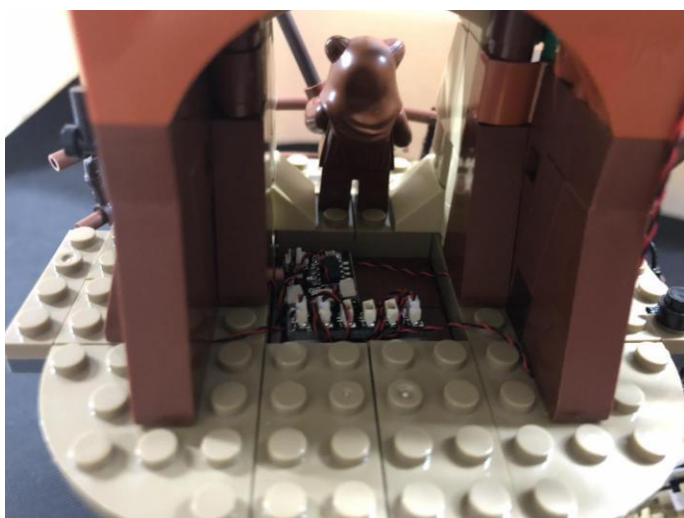
Take a 5cm connecting cable, a 6-port expansion board, connect the 2 cables from the leaves to the expansion board



Connect the 5cm connecting cable to the expansion board, connect the other end to the Flicker Effects Board



Tuck excess cables, stick the expansion board and the Flicker Effects Board to the following places with the adhesive squares



We' ll continue to install lights for the following part



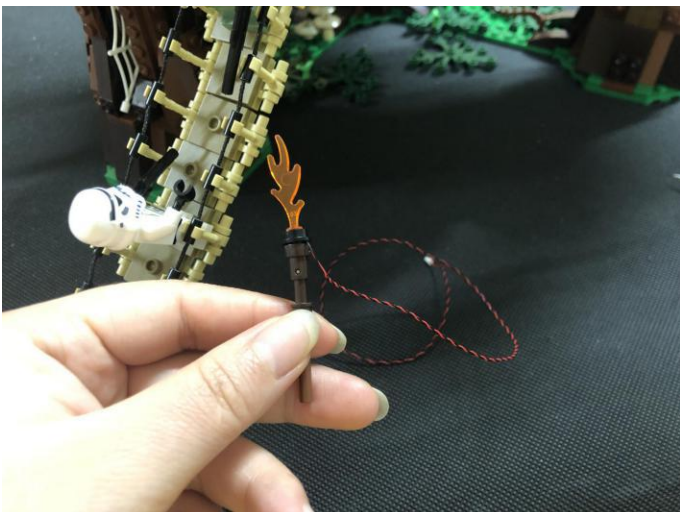
Remove the torch (torch#3)



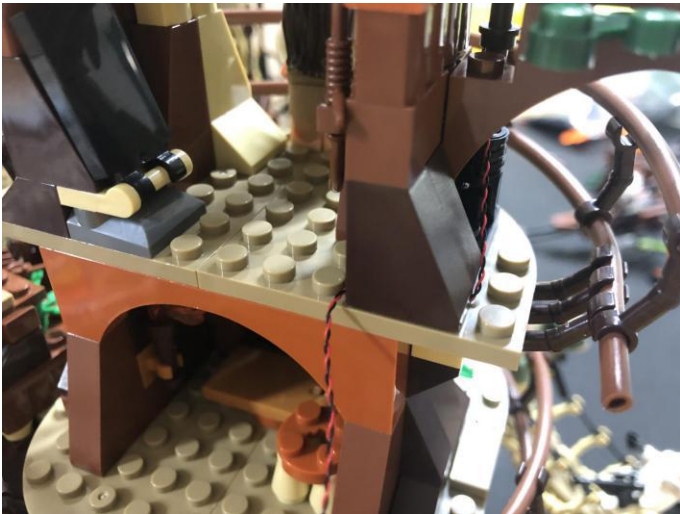
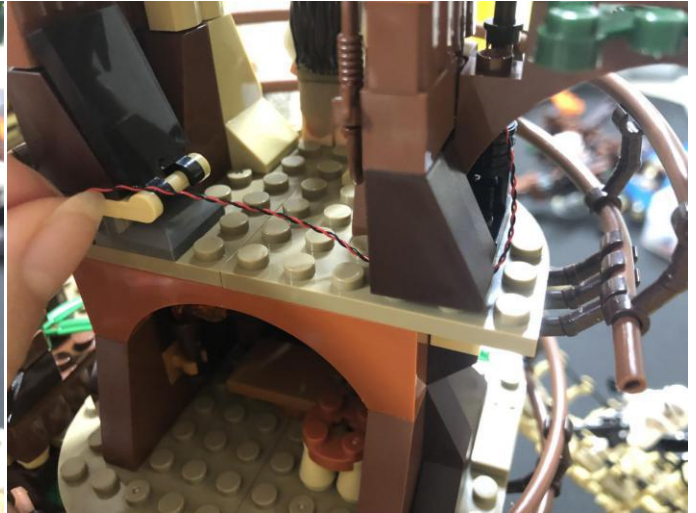
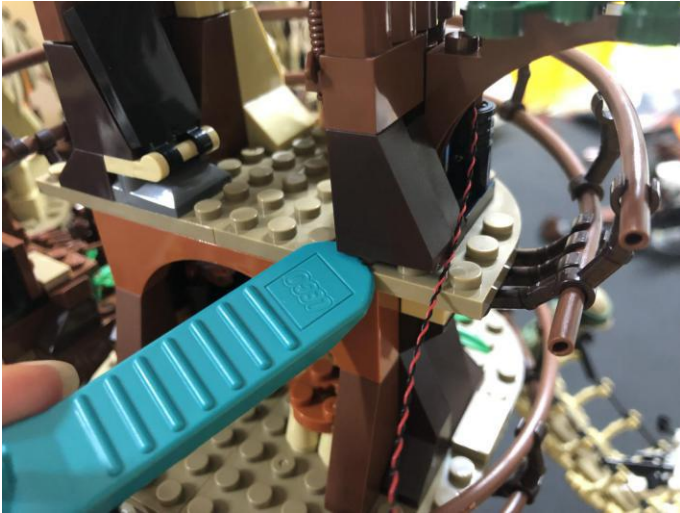
Take a warm white 30cm dot light, a black 1x1 round plate with hole, repeat the steps we did before for installing torch#1 to install this torch



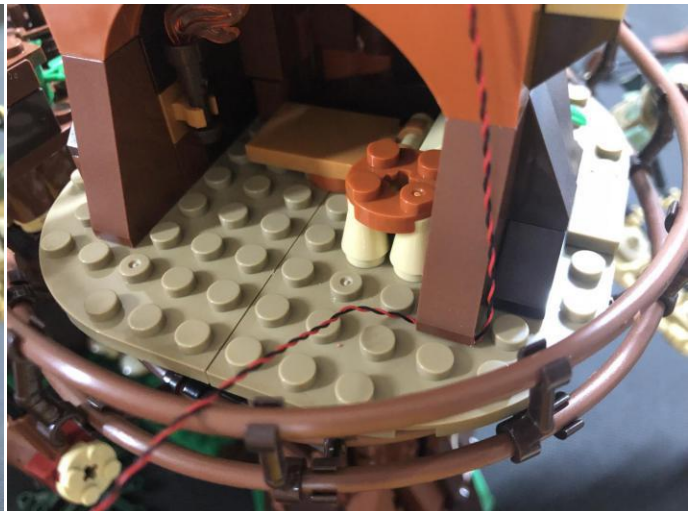
Reconnect the torch



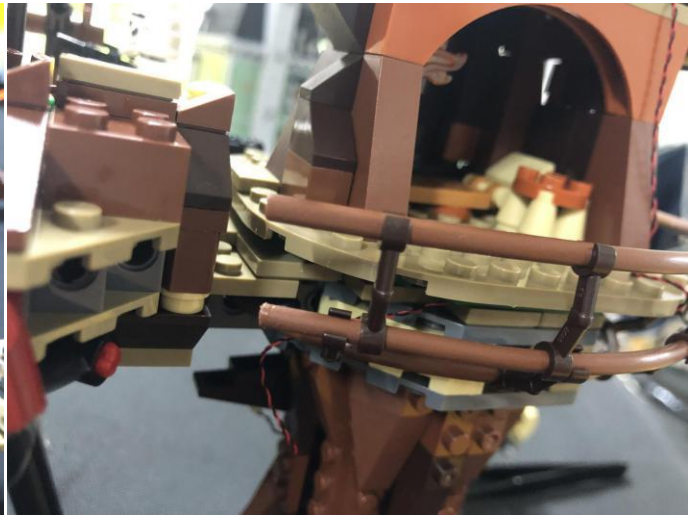
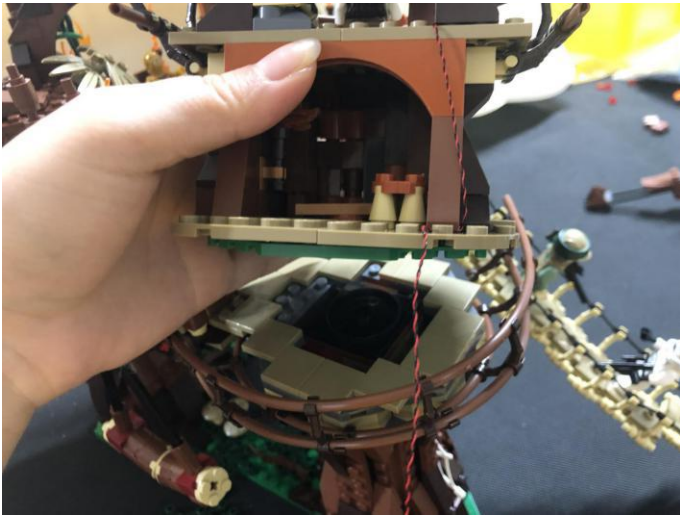
Lift the following piece, thread the cable of the light through, reconnect the piece we lifted to secure the cable, and pull the cable downward



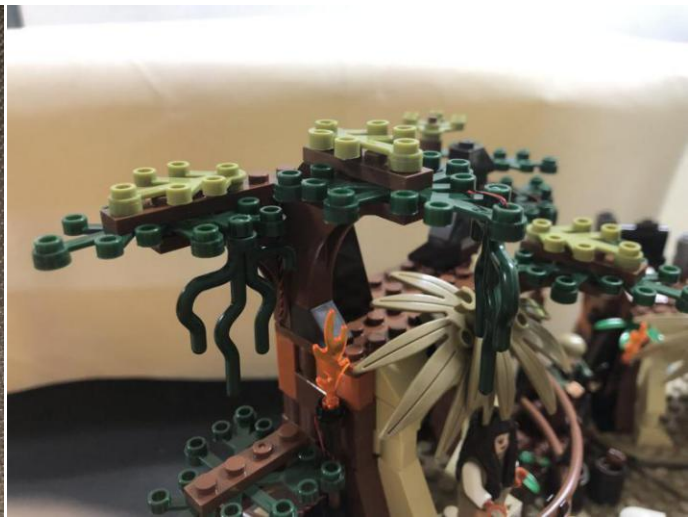
Continue to lift the following piece to secure the cable as per below



Disconnect the whole house to hide the cable underneath, and pull the cable out from the left



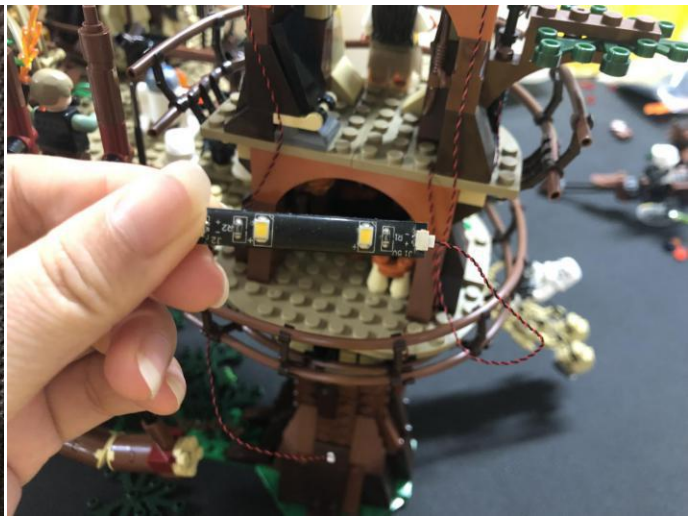
Take 2 green 30cm dot light, connect the 2 lights on the leaves as we did before (note: you can connect them to any leaves)



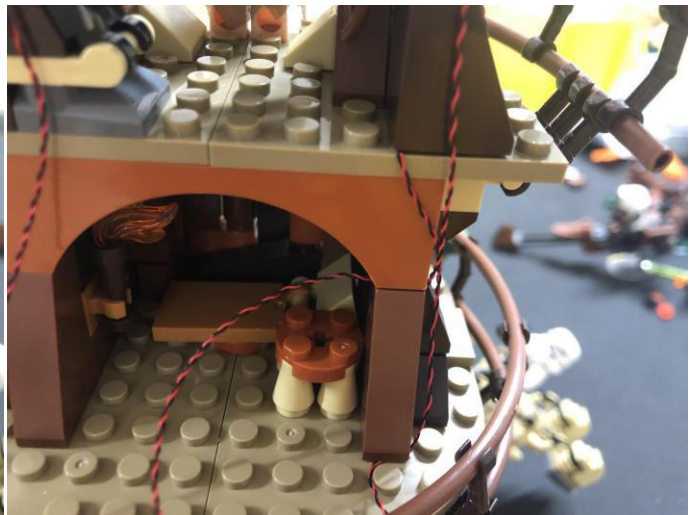
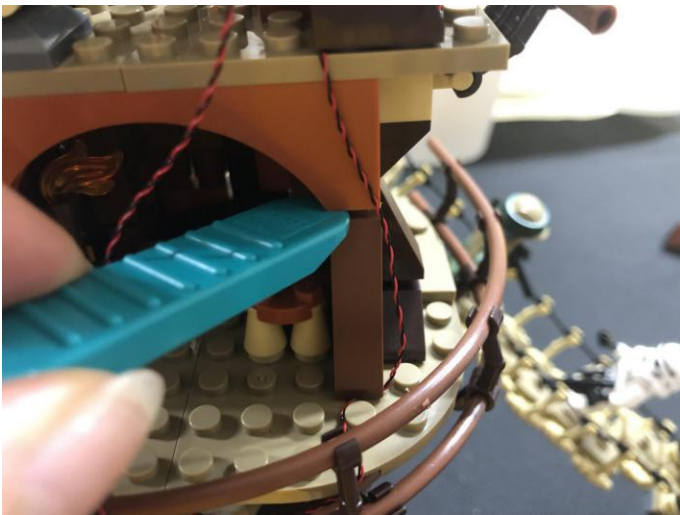
Tuck the cables around the trunk several times, then, pull them backward, and secure them as per below



Take a warm white strip light, connect the cable at from the right side to the strip light



Lift the orange door to secure the cable as per below



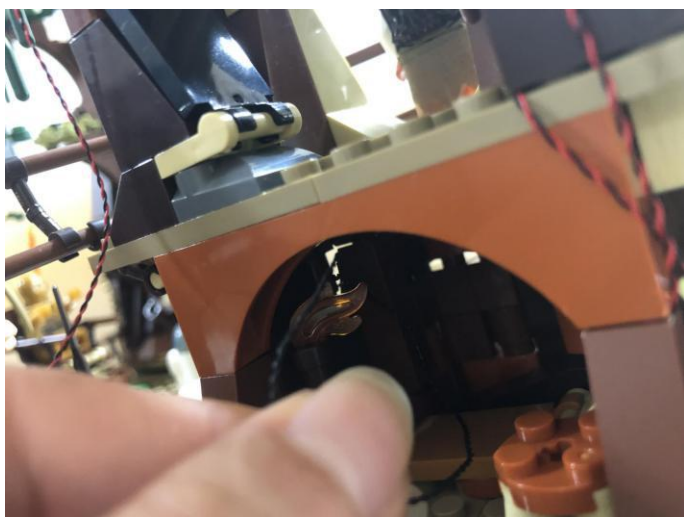
Take a 15cm connecting cable, connect it to the other end of the strip light



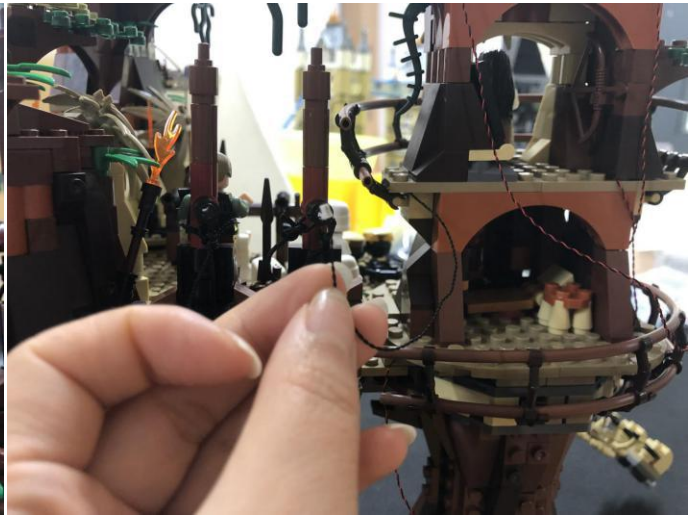
Stick the strip light to the ceiling of the room with bed inside



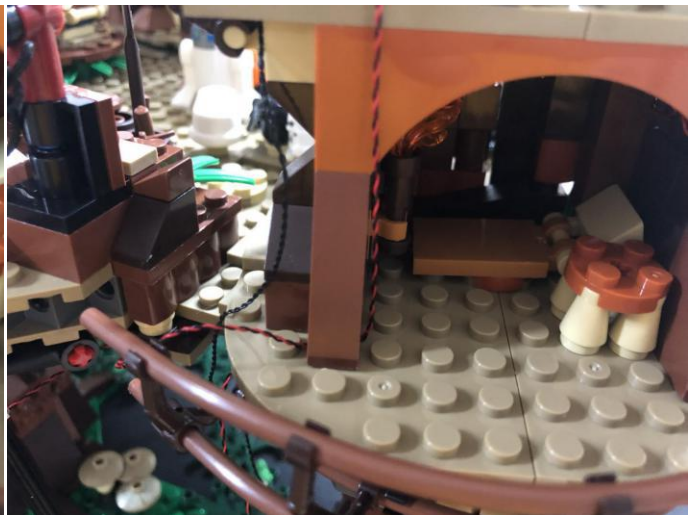
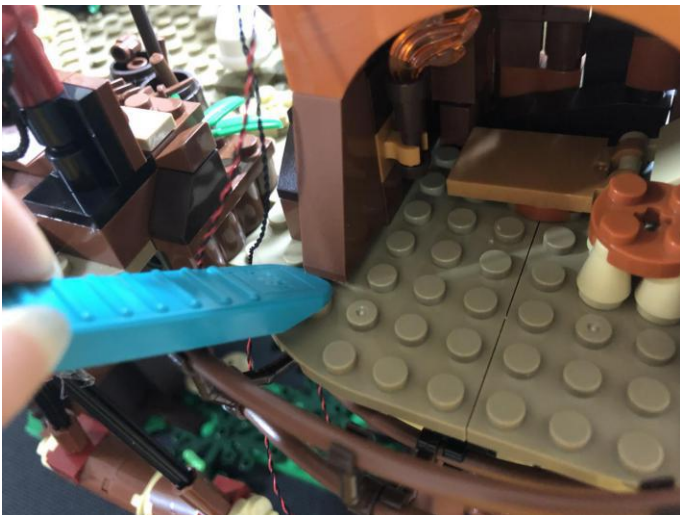
Thread the cables connected to the strip light through the gap at the wall as per below



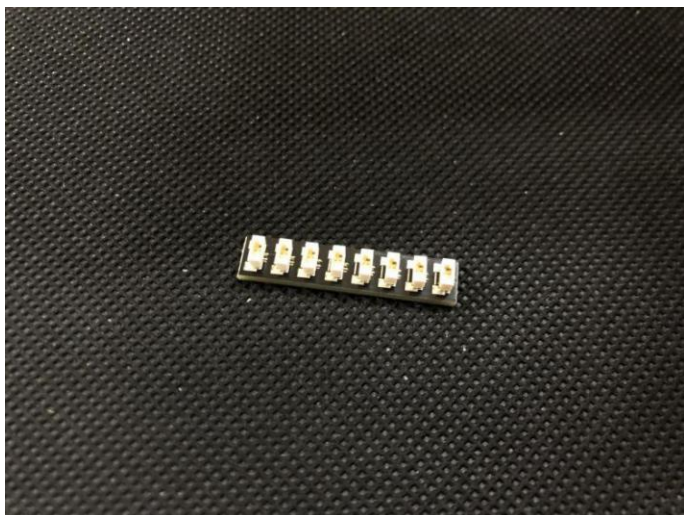
Continue to thread them to the back



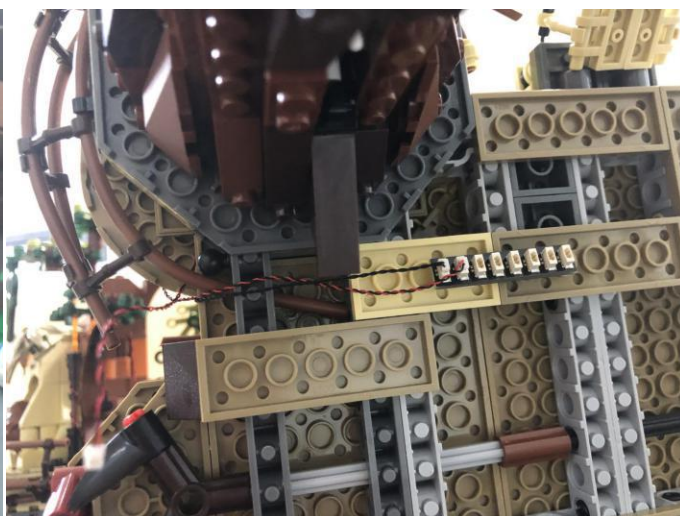
Lift the following place, thread the cable of the leaf at the left through the gap, reconnect the piece to secure the cables, pull the cables downward



Take a 8-port expansion board, connect the strip light and the cables of the lights on the leaves to the expansion board



Turn the whole piece to its side, stick the expansion board to the bottom with adhesive squares



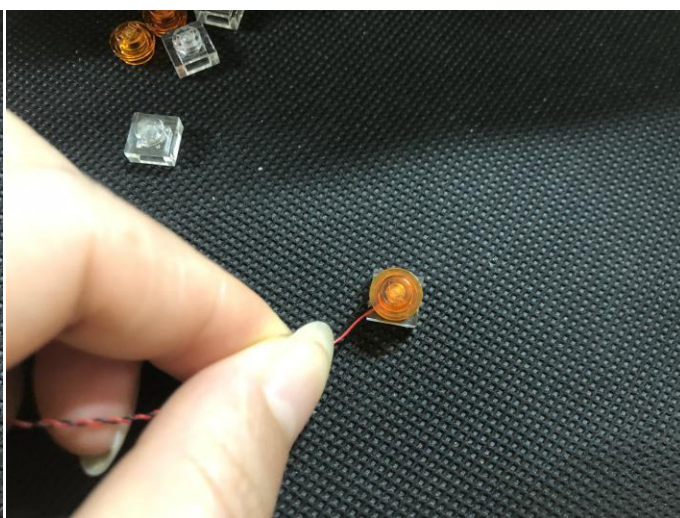
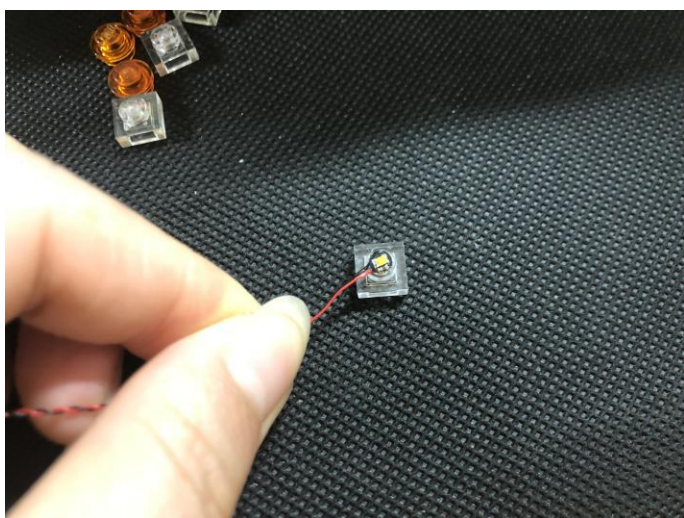
Move onto installing lights for the fire, remove the fire pieces



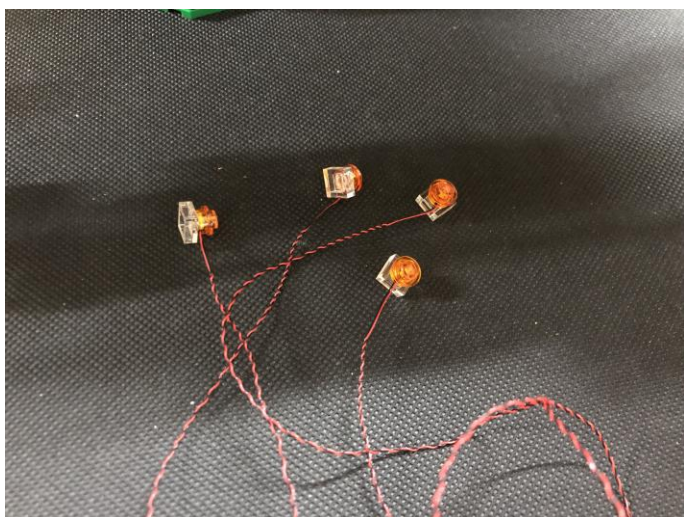
Take 4 warm white 30cm dot lights, 4 trans orange 1x1 piece, and 4 trans 1x1 pieces



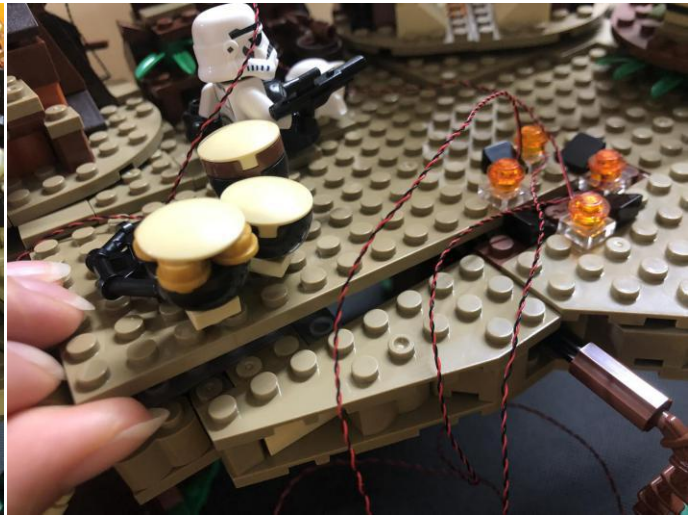
Take a dot light, with lighting part facing up, connect it to the trans piece, and secure it with the trans orange piece



Repeat the steps above to install the last 3 lights
Then, connect them to the following places



Remove the grill, lift the following plate



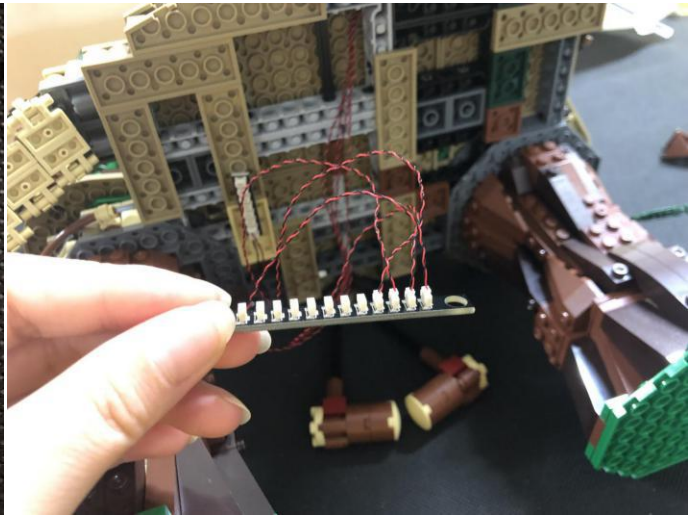
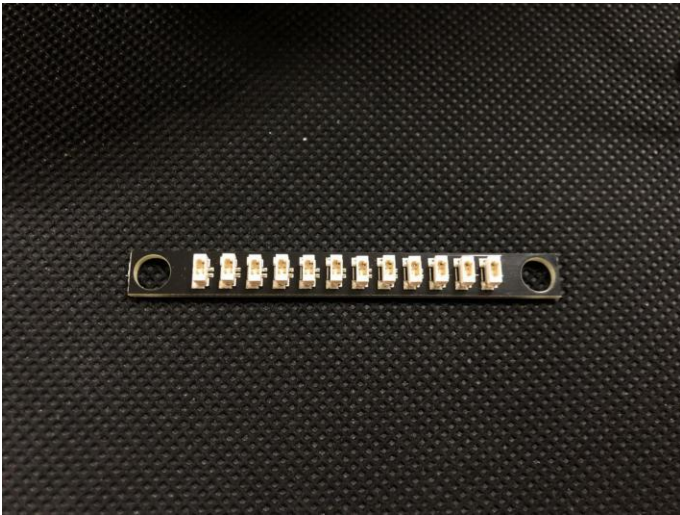
Pull all the 4 cables of the fire lights to the bottom, reconnect the base plate



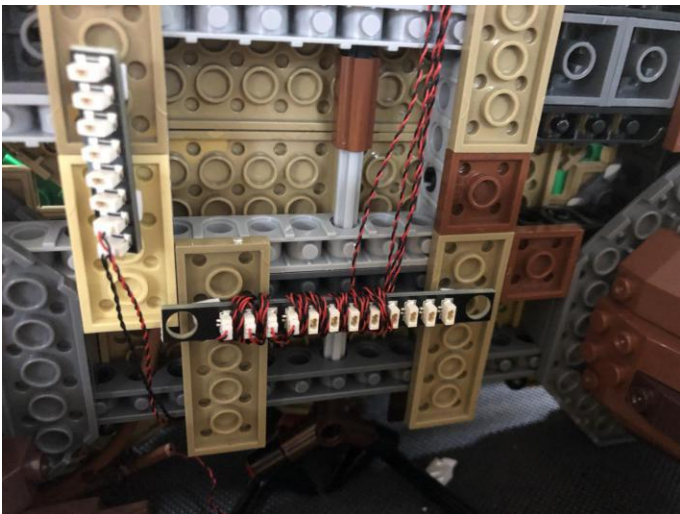
Reconnect the fire and the grill as per below



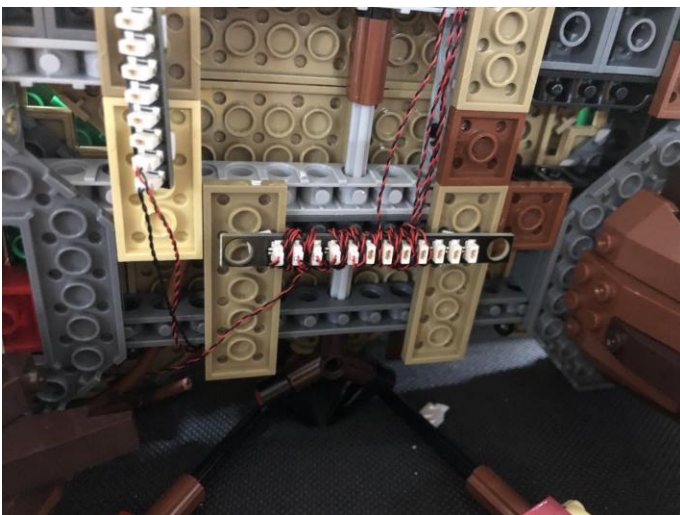
Take a 12-port expansion board, connect the 4 cables of the fire lights to the expansion board



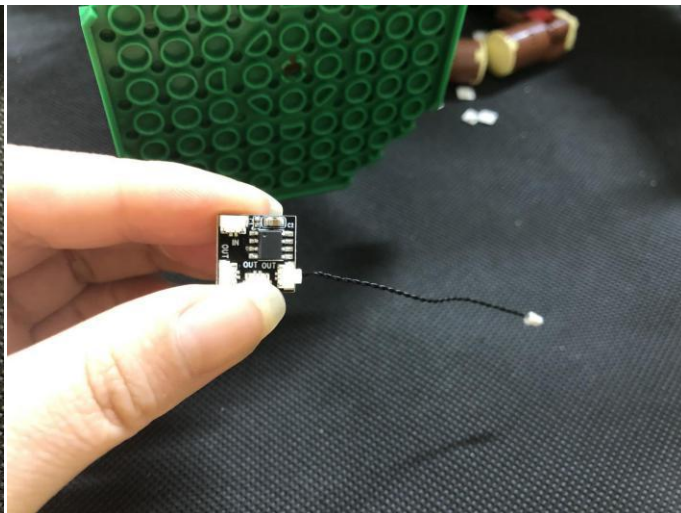
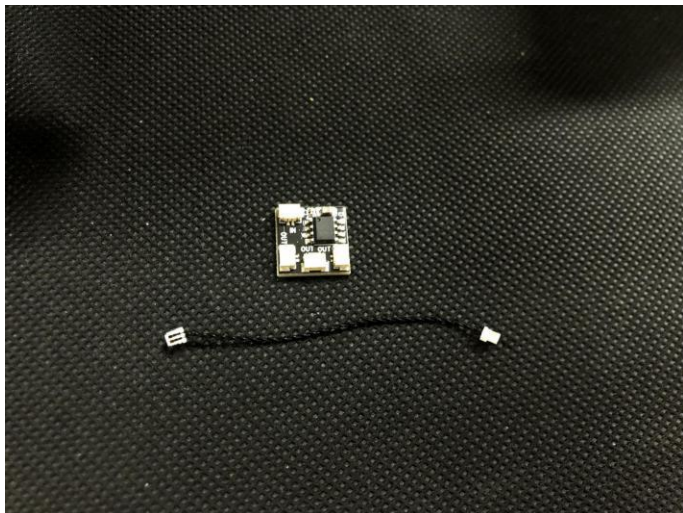
Tuck excess cables, stick the expansion board to the bottom with adhesive squares



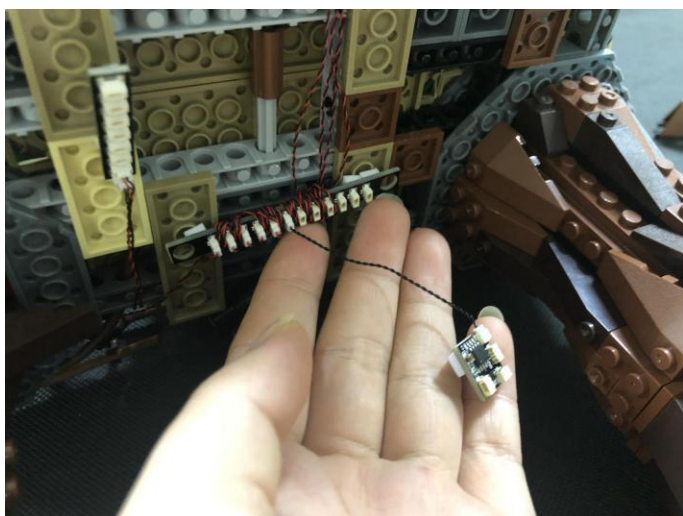
Connect the cable of the torch#3 to the 12-port expansion board



Take a Flicker Effects Board, a 5cm connecting cable, connect the connecting cable to the Flicker Effects Board (note: do not connect it to the port for the power)



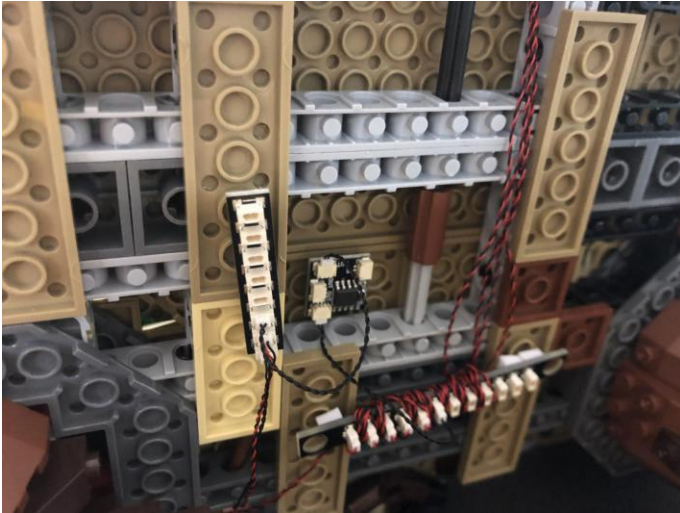
Connect the other end of the connecting cable to the 12-port expansion board



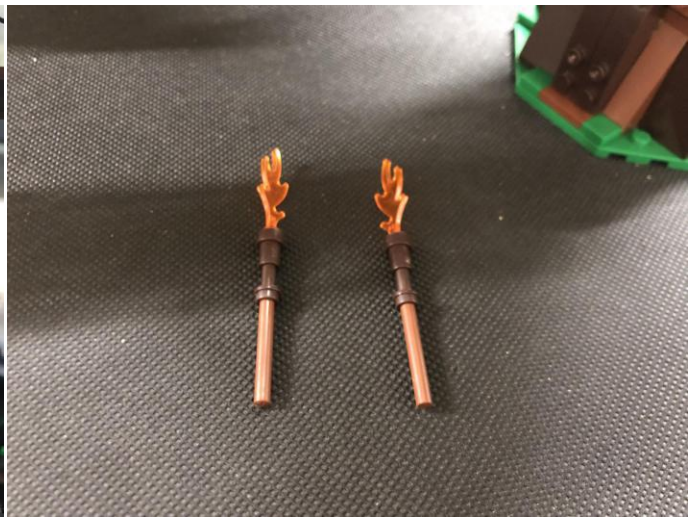
Take a 5cm connecting cable, connect it to the following port



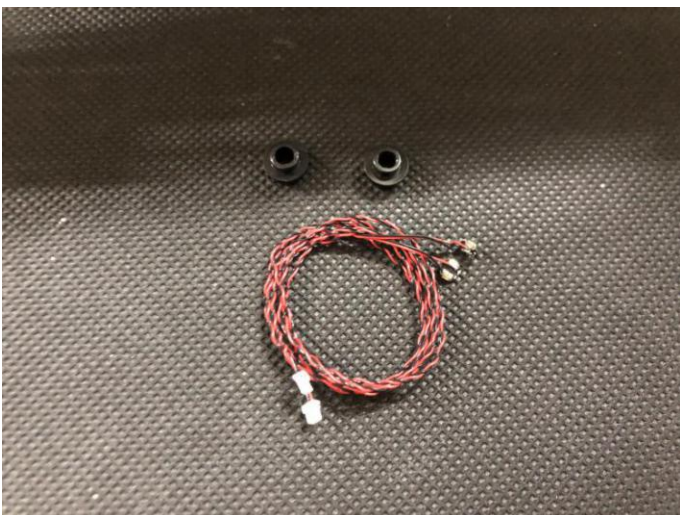
Connect the other end of the connecting cable to the 8-port expansion board



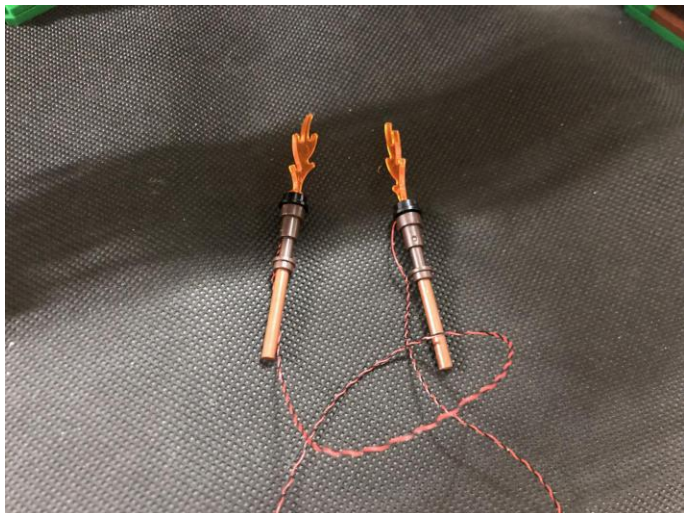
We will now install lights for the wooden house at the far right, remove the 2 torches (torch#4, torch#5) from the door



Take 2 warm white dot lights, 2 black 1x1 round plates with hole, repeat the steps we did before for installing torch#1 to install torch#4, torch#5



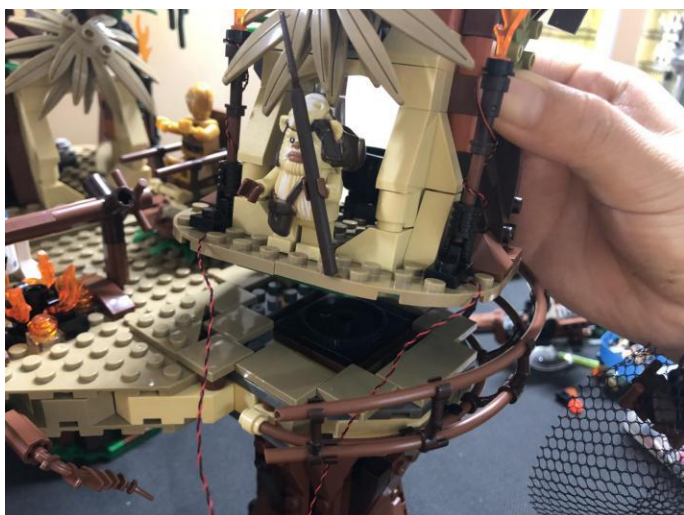
Reconnect the torches as per below



Secure the cables with the bases of the torches



Lift the whole house, thread the cables of the torches through the following space and pull them out from the bottom



Reconnect the house



Take a green 30cm dot light, install it to the leaf (note: you can install it to any leaf).



Wind the cables around the trunk several time, lift the following piece to secure the cable, pull the cable backward



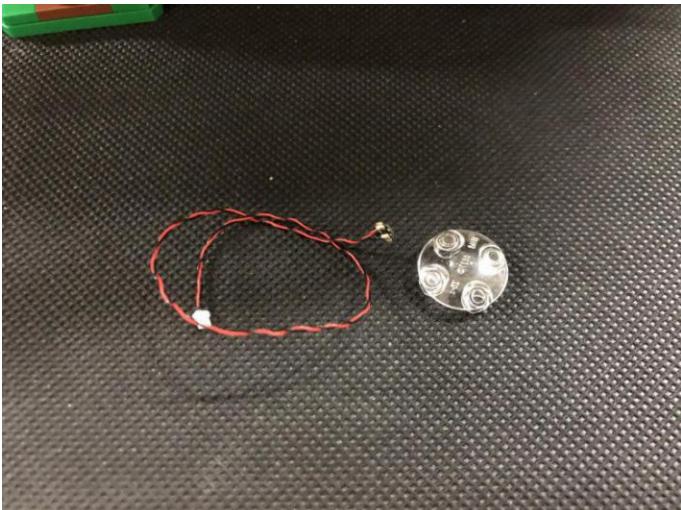
Take a green 30cm dot light, install it to a leaf at the other side (note: also you can install it to any leaf)



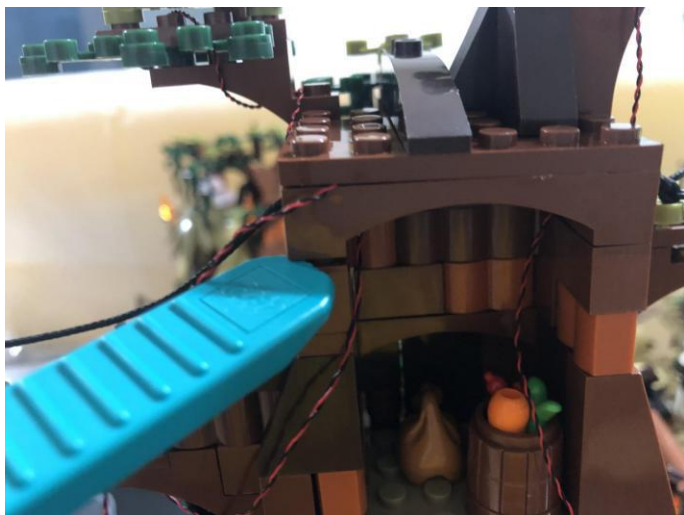
Thread the cable of the light to the inside from the side of the house as per below



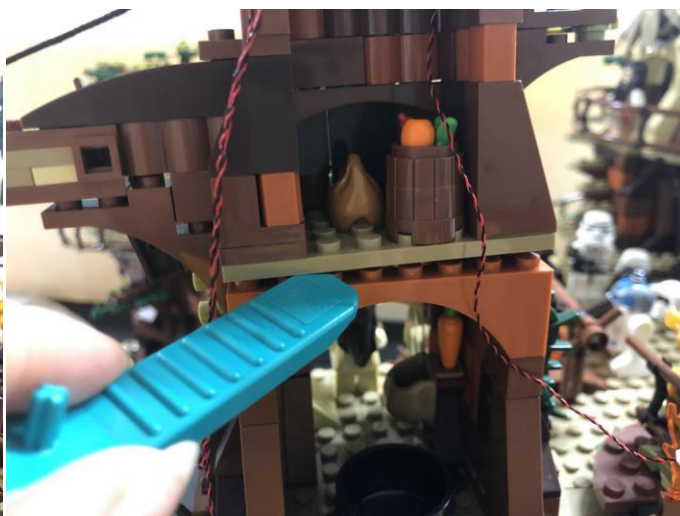
Take a warm white 15cm dot light, a trans 2x2 piece, install the light to the ceiling of the second floor



Lift the following brown door to secure the cable



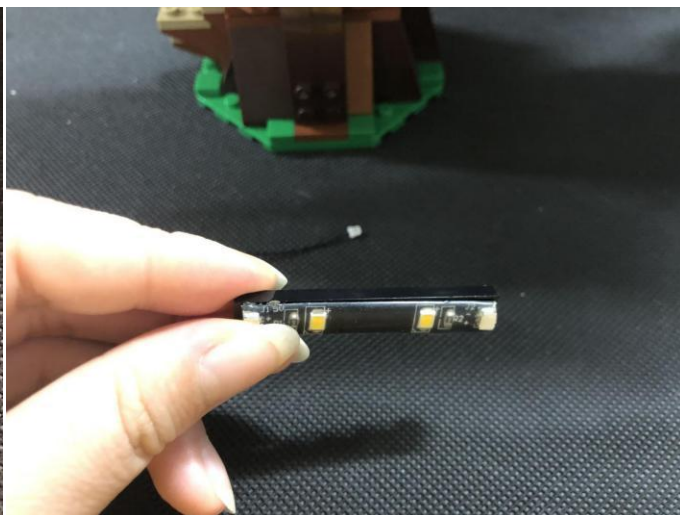
Group the cables at the left side together, lift the second floor as per below



Thread the 2 cables to the inside



Take a 5cm connecting cable, a warm white strip light, a 1x6 piece (with any colour), stick the strip light to the 1x6 piece



Connect the connecting cable to the strip light, connect the cable from the light we installed before to the other end of the strip light



Connect the strip light to the ceiling of the first floor



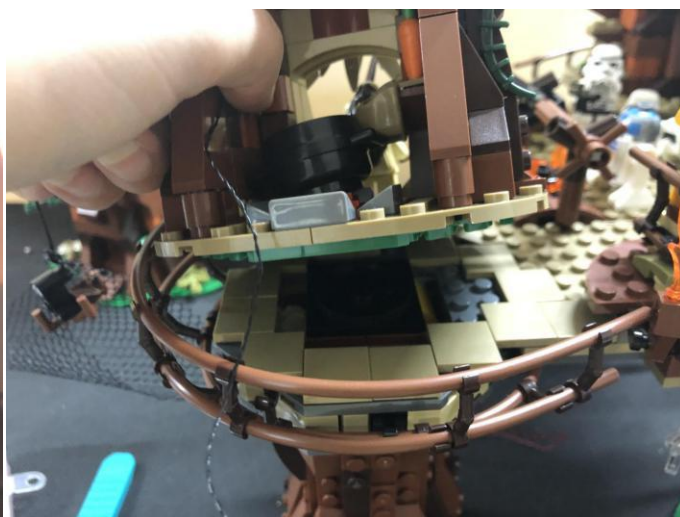
Take a 6-port expansion board, connect the cables of the strip lights and the dot lights to the expansion board



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



Stick the expansion board to the ceiling with adhesives squares. Lift the house as per below



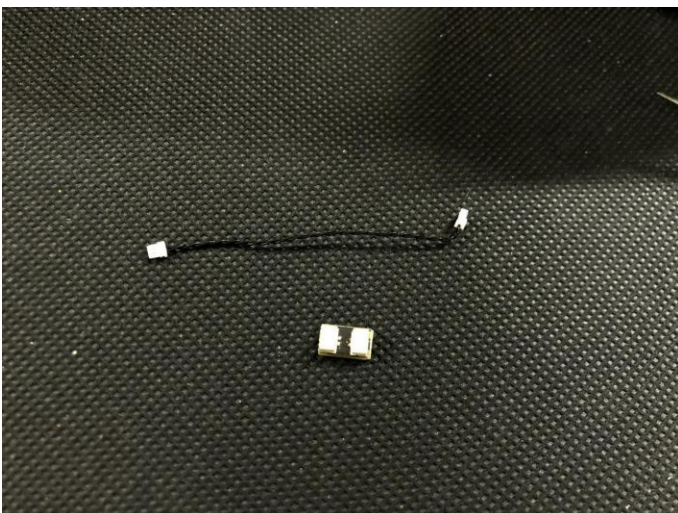
Thread the cable through the following space, pull them out from the bottom, reconnect the house



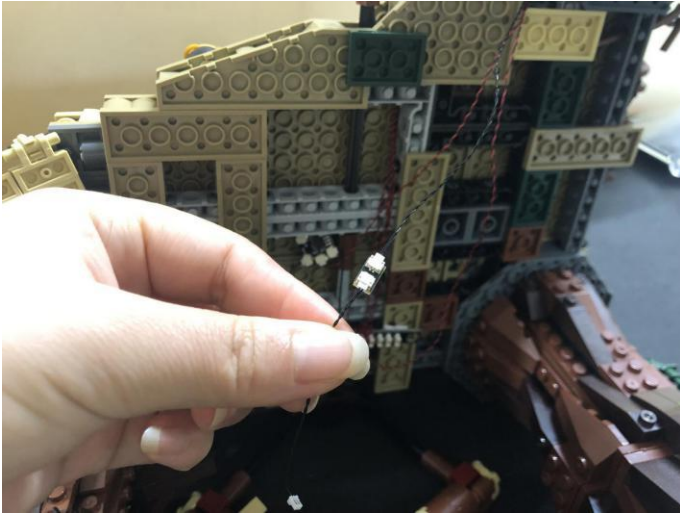
Turn the house to its side, connect the cables of torch#4, torch#5 to the Flicker Effects Board and the 12-port expansion board



Take a 5cm connecting cable, a 2-port expansion board, connect the cable to the expansion board



Connect the connecting cable mentioned before to the 2-port expansion board, connect the 5cm connecting cable from the 2-port expansion board to the 8-port expansion board



Now, continue to install lights for the torches at the back of the chair, turn to the back of the chair



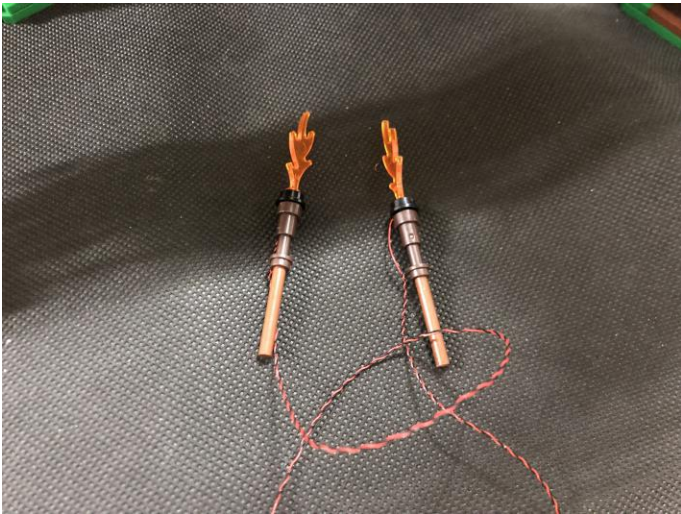
Remove the 2 torches(torch#6, torch#7)



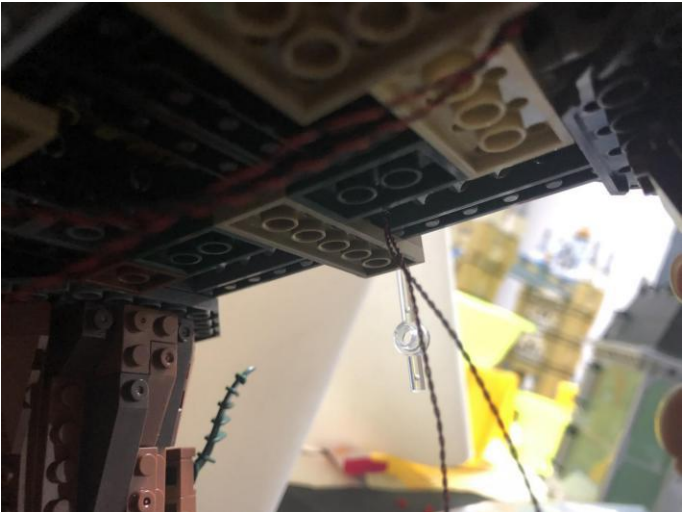
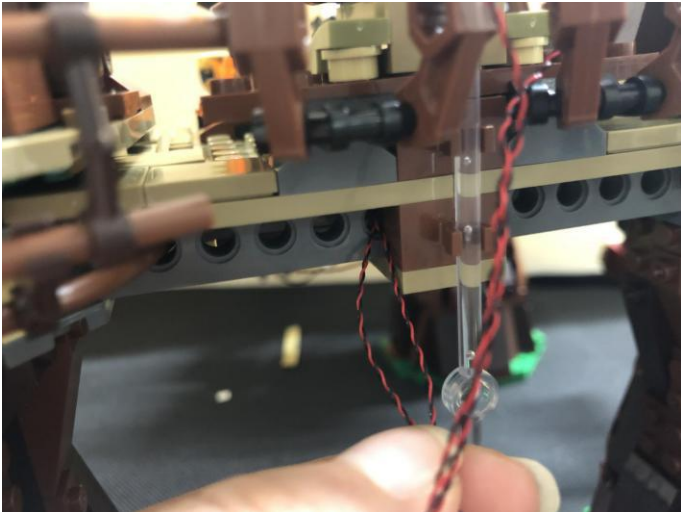
Take a warm white 30cm do t light, 2 black 1x1 round plate with hole, follow the steps we did before for installing the torch#1 to install torch#7, torch#8



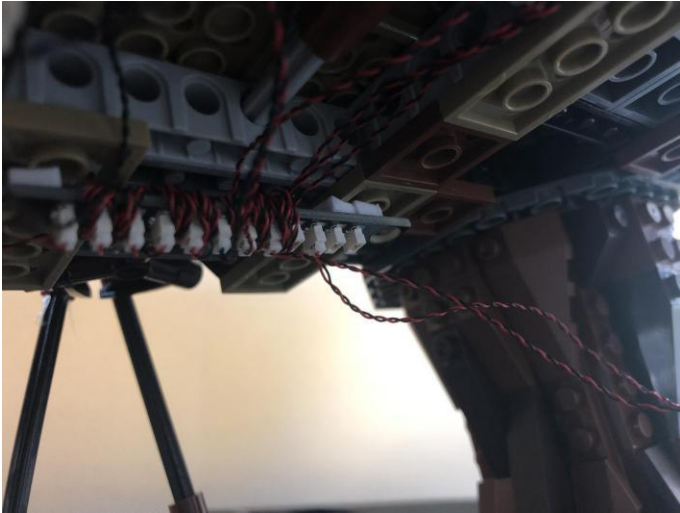
Reconnect the torches



Thread the cables of the lights through the following piece



Connect the cables from the 2 torches to the 12-port expansion board



Now, we' ll install lights for the last wooden house, remove the torch(torch#8)



Take a warm white 30cm dot light, a black 1x1 round plate with hole. Repeat the steps we did for installing torch#1 to install torch#8

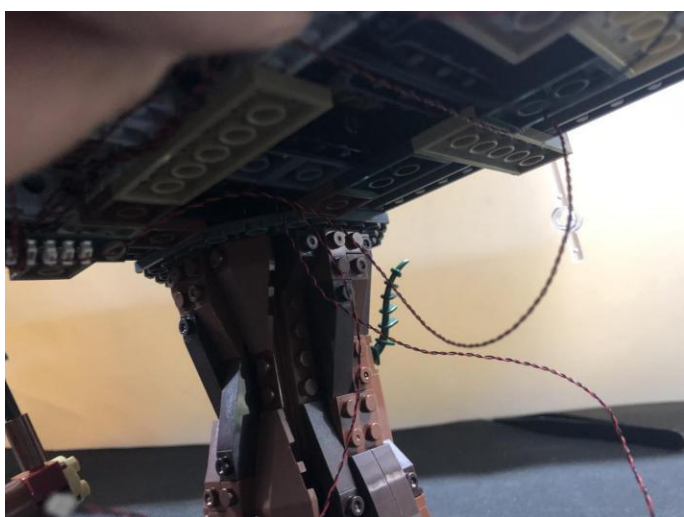
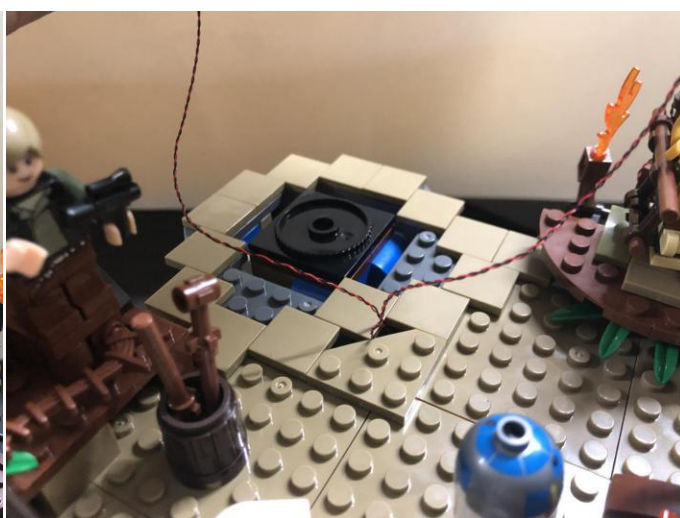


Install the light as per below, reconnect the torch



Take a warm white 30cm dot light, a black 1x1 round plate with hole, repeat the previous steps to install the torch#9

Lift the house thread the cable of the torch and pull it out from the bottom



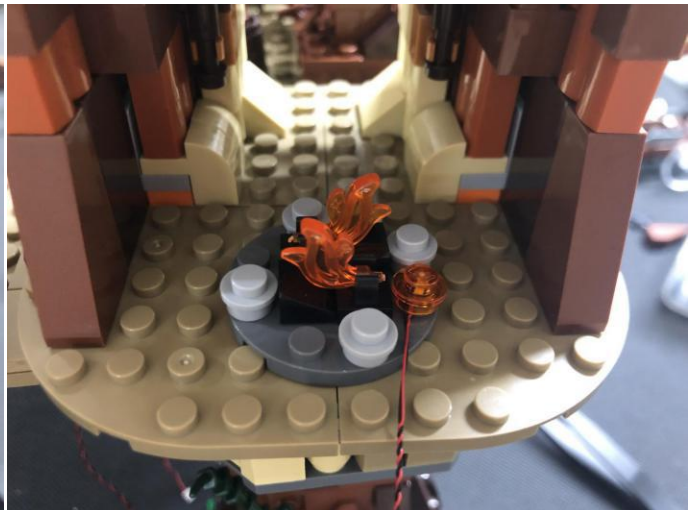
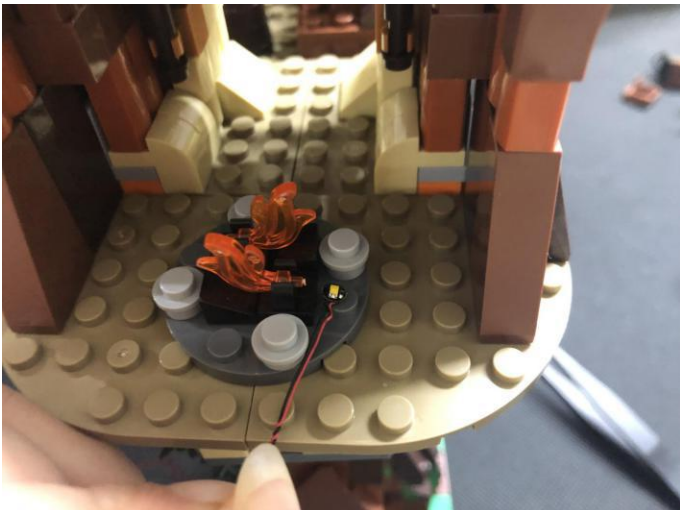
Move onto install lights for the fire



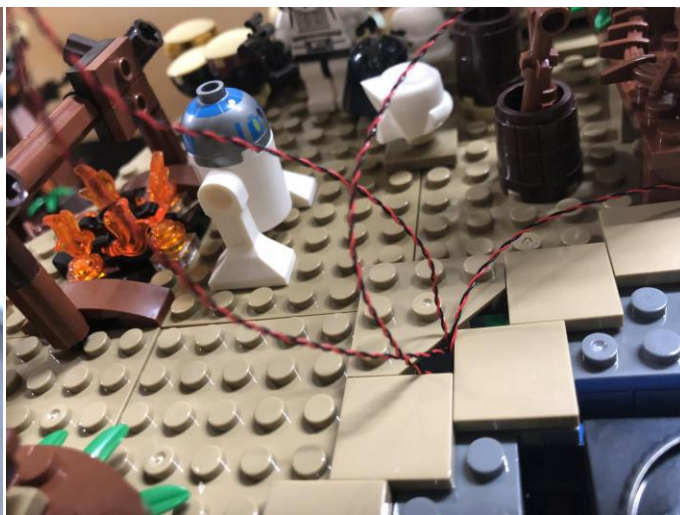
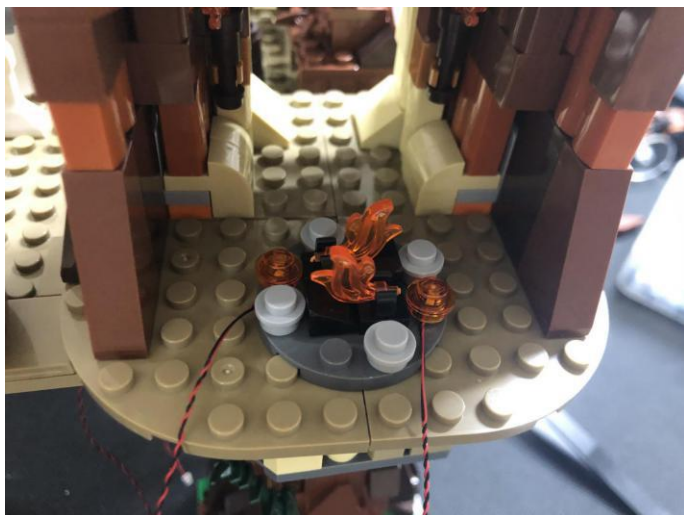
Take 2 warm white 30cm dot lights, 2 trans orange 1x1 pieces



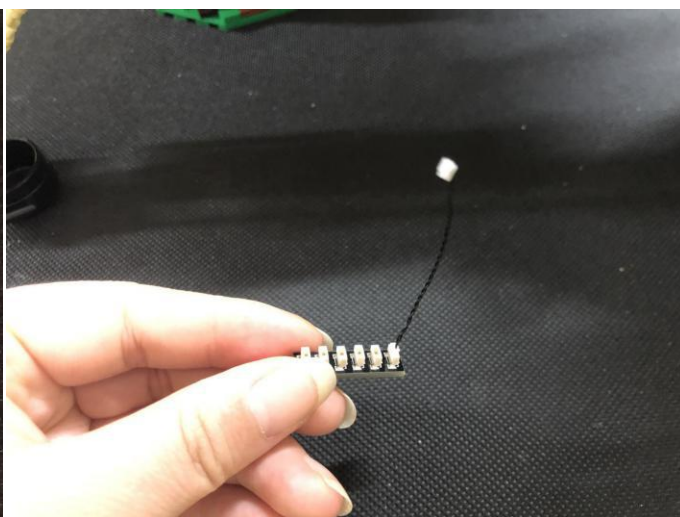
With lighting part facing up, connect the light to the following place, secure it with the trans orange piece



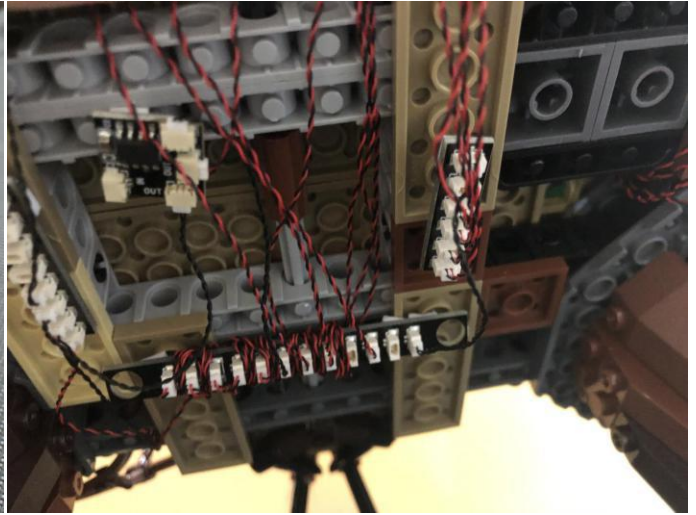
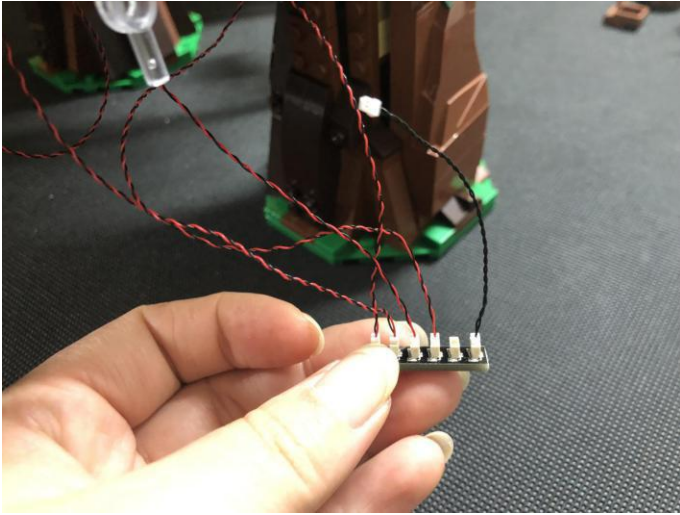
Repeat the steps above to install the other light, lift the house to allow the cable thread through the following space, and pull it out from the bottom



Take a 5cm connecting cable, a 6-port expansion board, connect the connecting cable to the expansion board



Connect the cables from the fire to the expansion board, stick the 6-port expansion board to the bottom, and connect the connecting cable on the 6-port expansion board to the 12-port expansion board

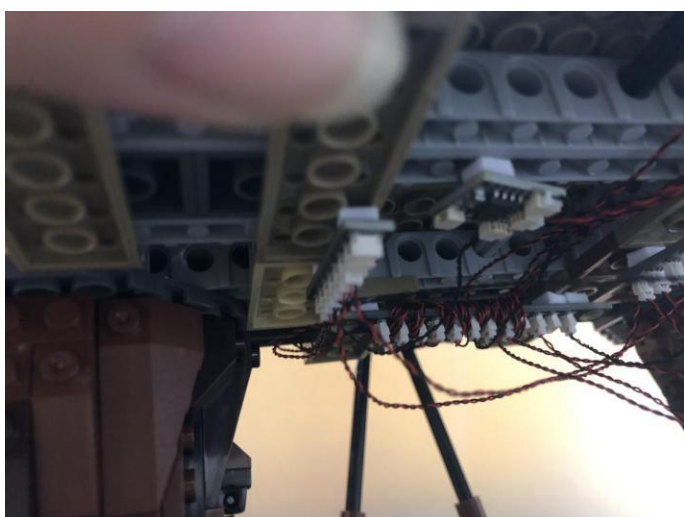
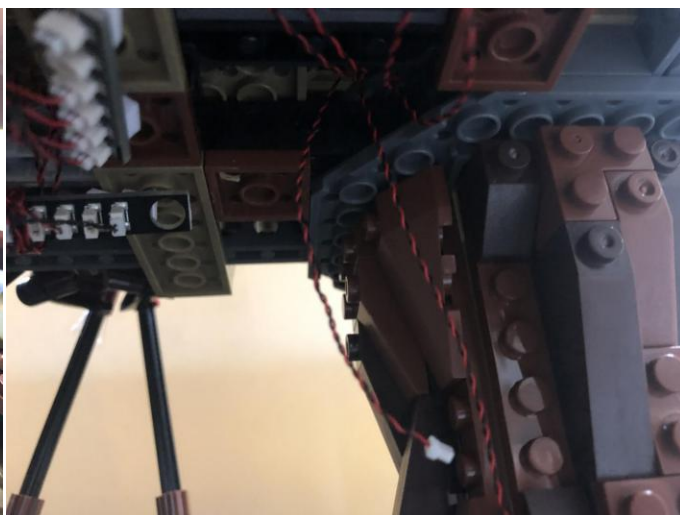


Take 2 green 30cm dot light to install lights for the leaves (note: you can install them on any leaves)





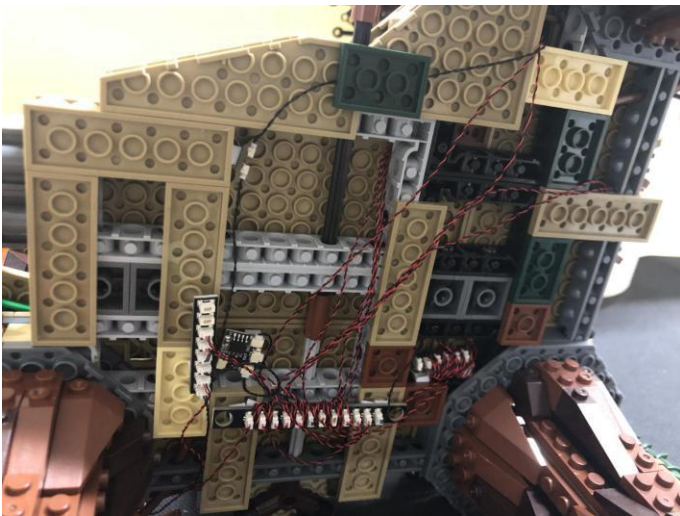
After installation of the leaves, lift the wooden house to allow the cables thread through the following space and pull them out from the bottom, then, connect them to the 8-port expansion board



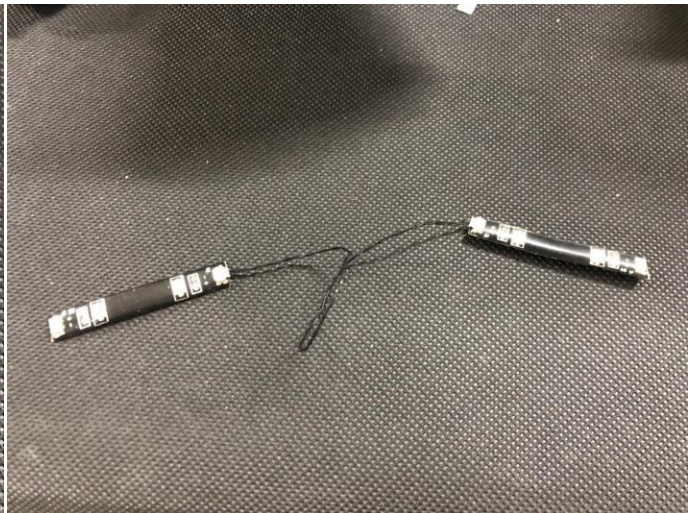
Turn the house to its side, tuck excess cables as per



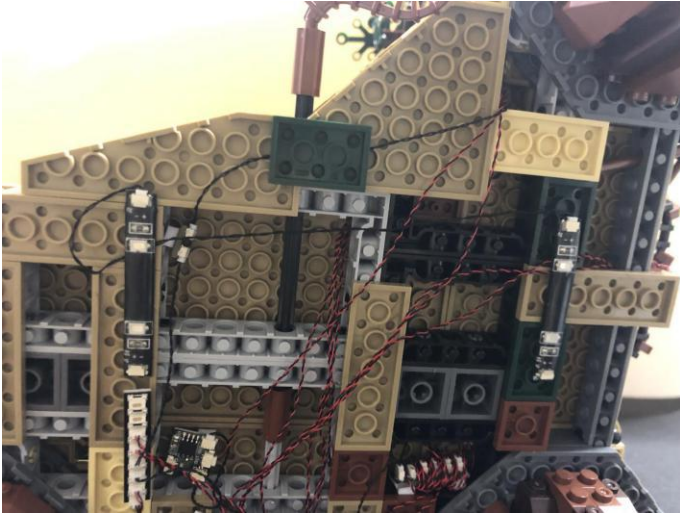
below



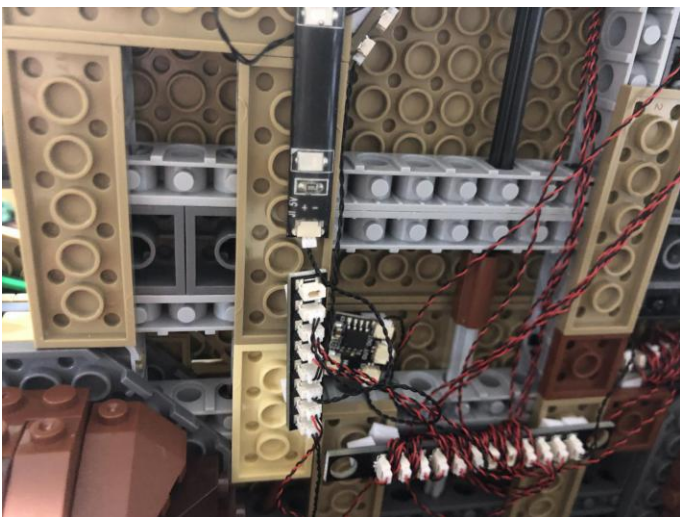
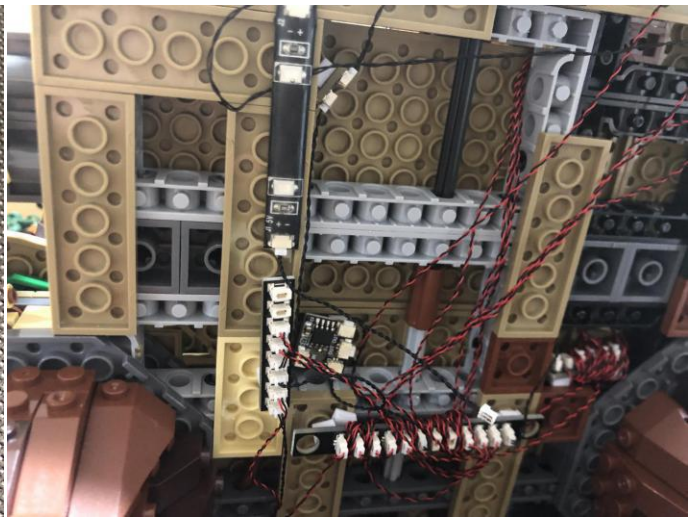
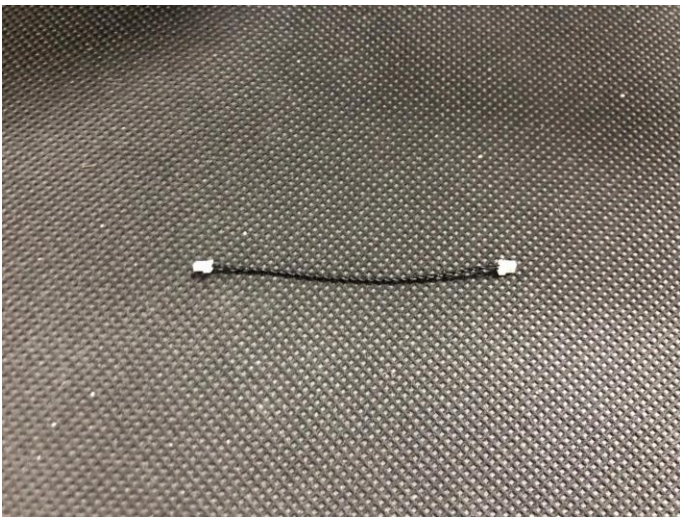
Take 2 green strip lights, a 15cm connecting cable. Assemble them as per below



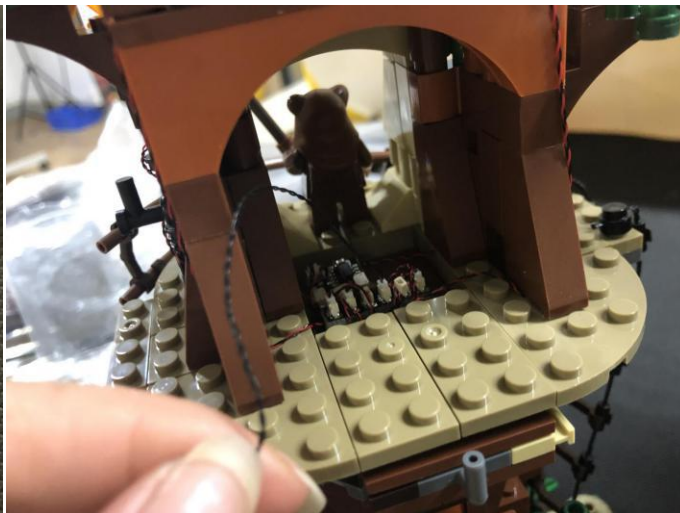
Stick the strip lights to the bottom as per below



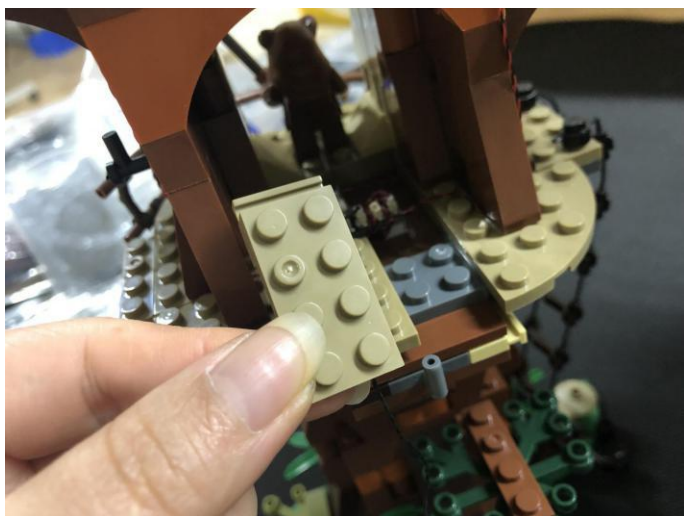
Take a 5cm connecting cable, connect one end of the connecting cable to the strip light, the other end to the 8-port expansion board



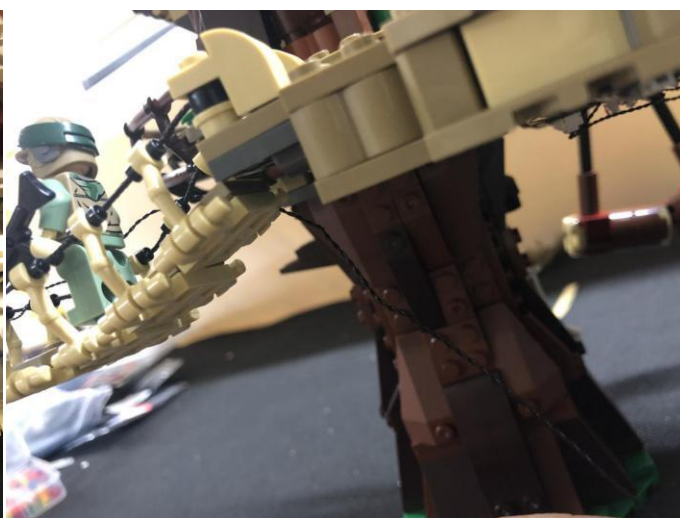
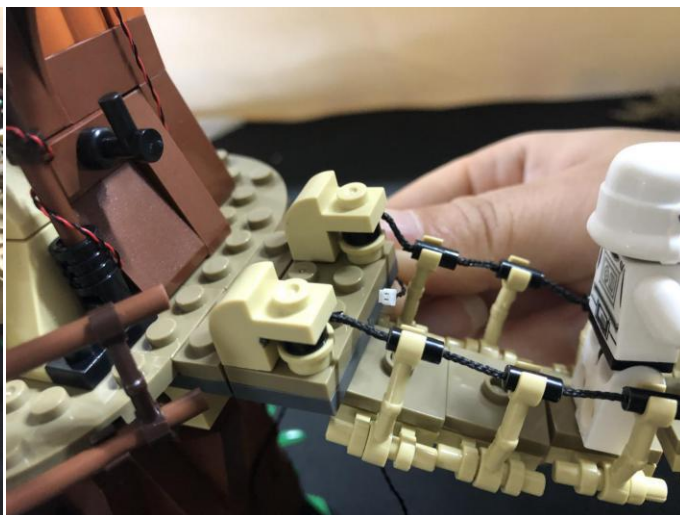
Take a 50cm connecting cable, connect the connecting cable to the expansion board at the first wooden house we installed



Remove the following piece to allow the connecting cable thread through the following space, reconnect the piece to secure the cable



Reconnect the bridge we removed before, place the cable alongside the bridge as per below



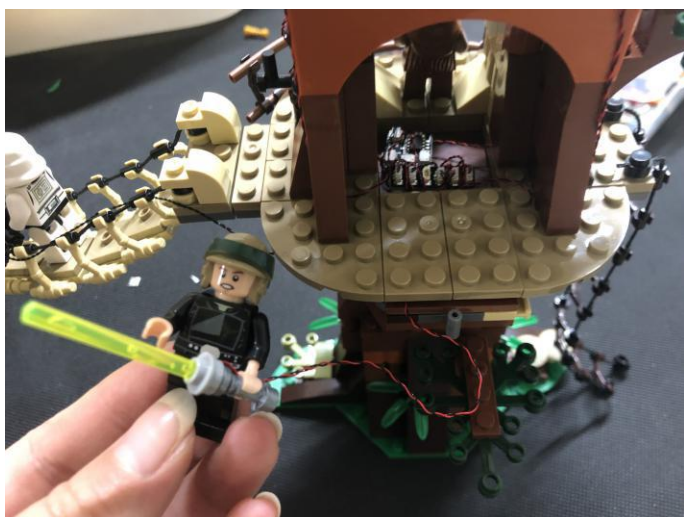
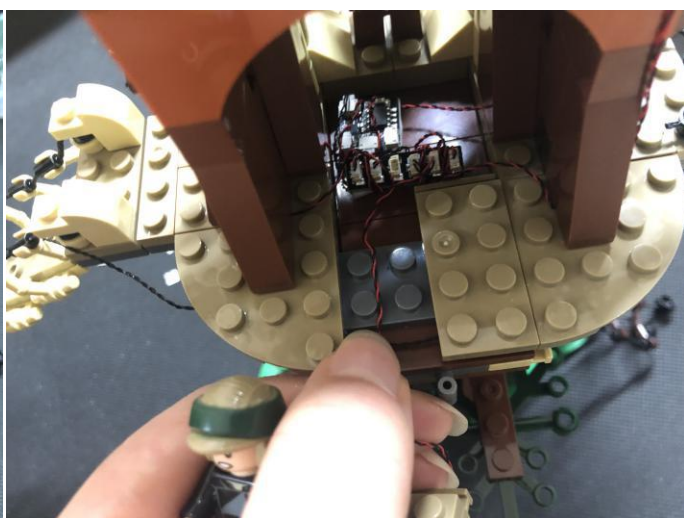
Connect the connecting cable to the spare port of the following strip light, secure the cable with the dark green piece



Connect the cable from the laser sword to the first expansion board as per below



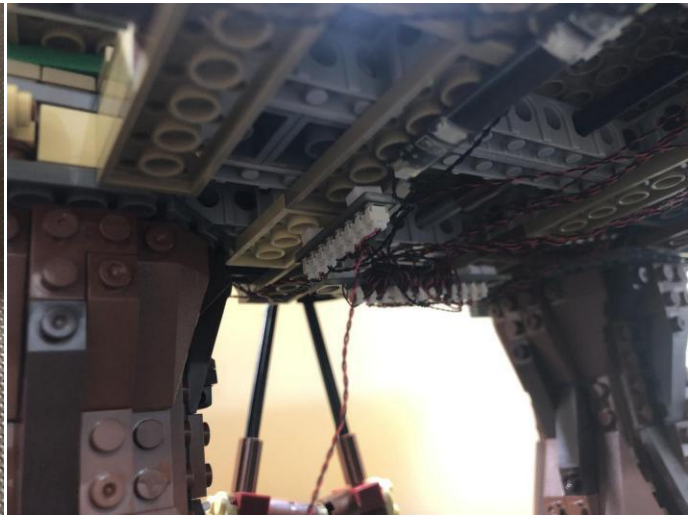
remove the follllowing piece, place the cable as per below, reconnect the piece to secure the cable



place the doll at the following position



Take the USB cable, connect it to the 8-port expansion board



This completes installation of this LED Lighting Kit. ENJOY!

