LIGHT MY BRICKS: Destiny's Bounty Lighting Kit

Here is the instructions document for the LEGO Destiny's Bounty LED lighting kit. Please read and follow the steps carefully to ensure this lighting kit is installed properly.

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

Package contents:

- 11x **White 30cm Bit Lights**
- 3x **White Strip Lights**
- 1x **6-Port Expansion Board**
- 1x **12-Port Expansion Board**
- 1x **30cm Connecting Cable**
- 2x **15cm Connecting Cables**
- 1x **5cm Connecting Cable**
- 1x **AA Battery Pack** (requires 3x AA batteries)
- 2x **Adhesive Squares**

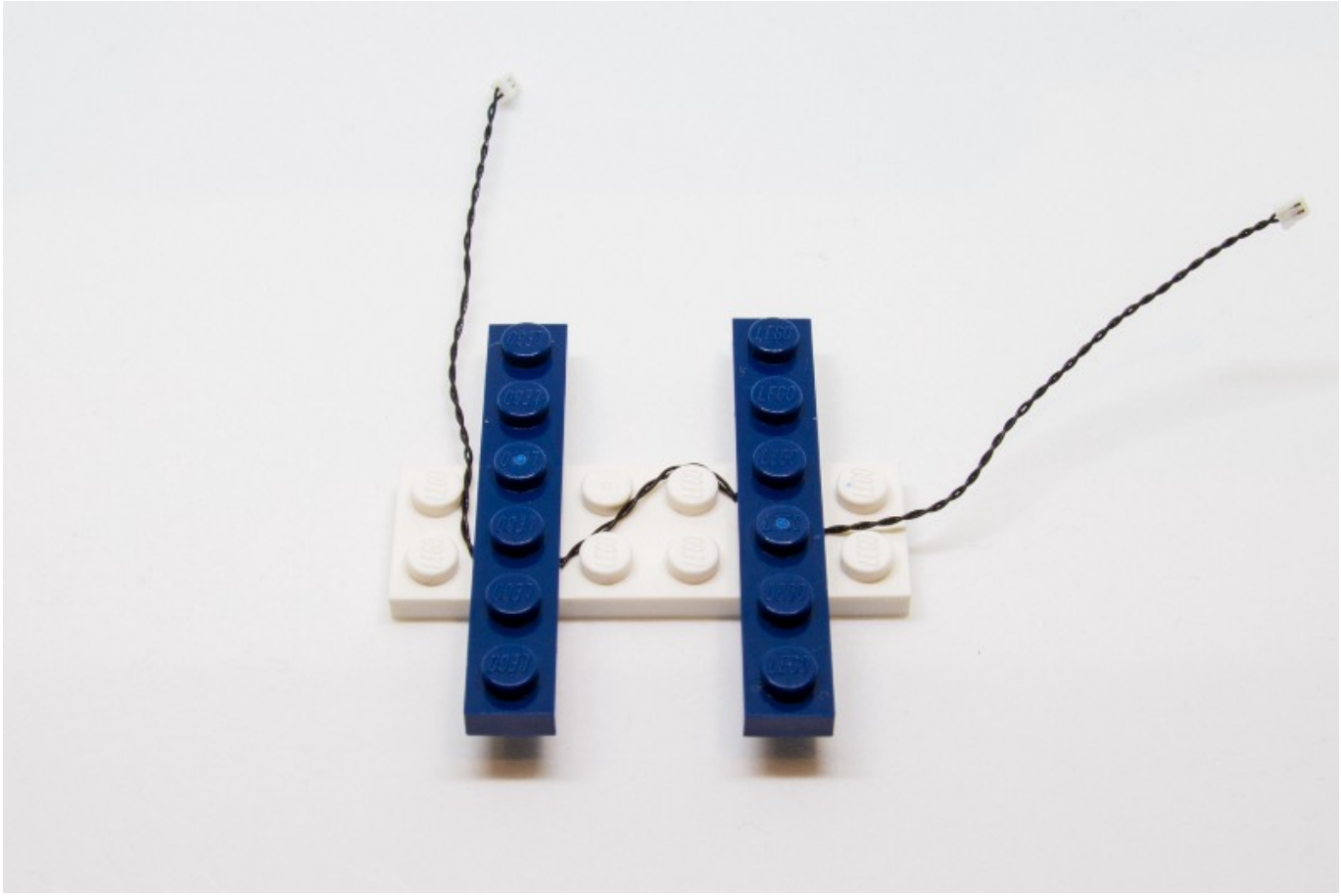
LEGO Pieces:

- 2x **Plate 1×6** (for mounting strip lights)
- 6x **Round Plate 1×1** (trans red)

Important things to note:

Laying cables in between and underneath bricks

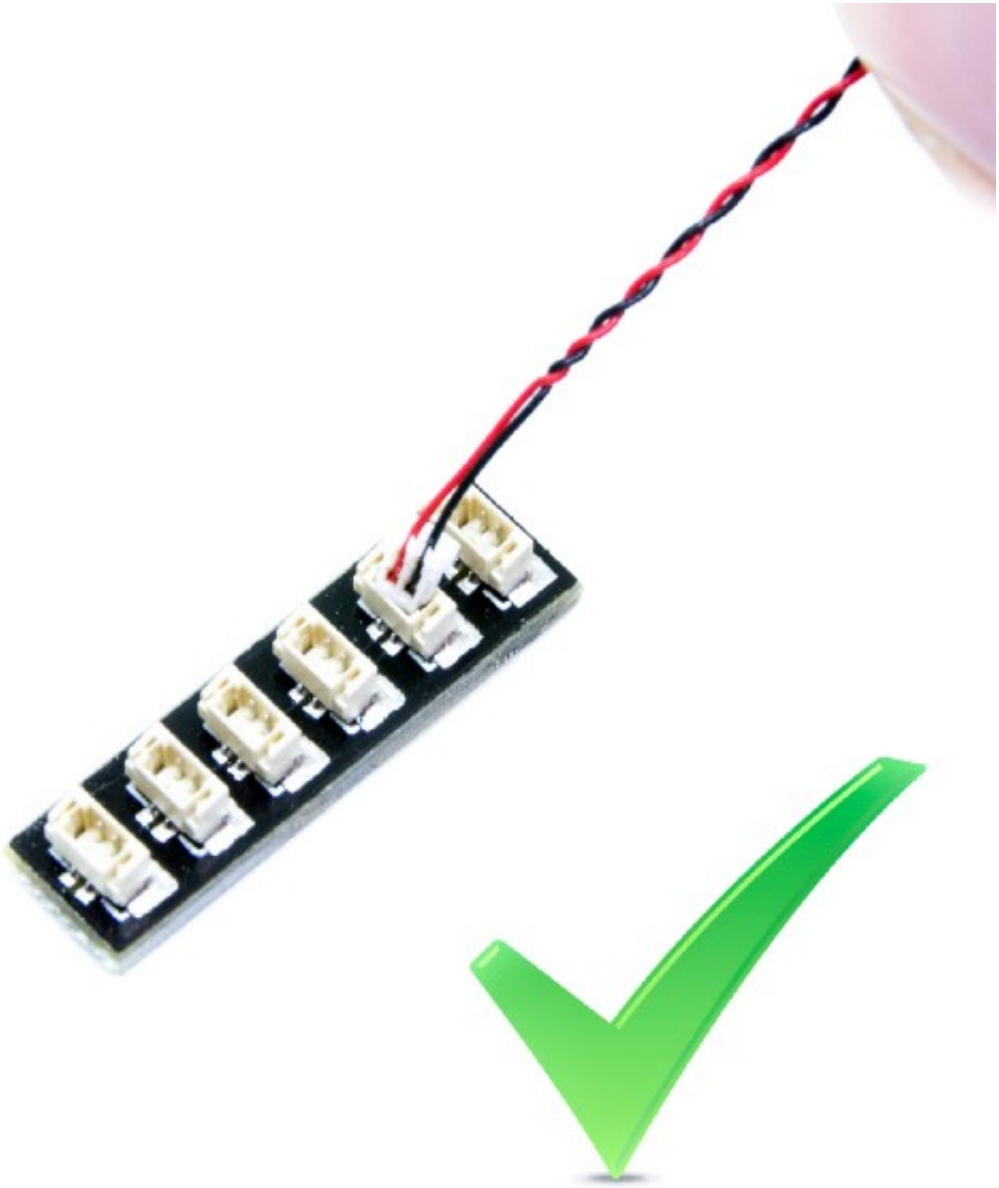
Cables can fit in between and underneath LEGO® bricks, plates, and tiles providing they are laid correctly between the LEGO® studs. Do NOT forcefully join LEGO® together around cables; instead ensure they are laying comfortably in between each stud.

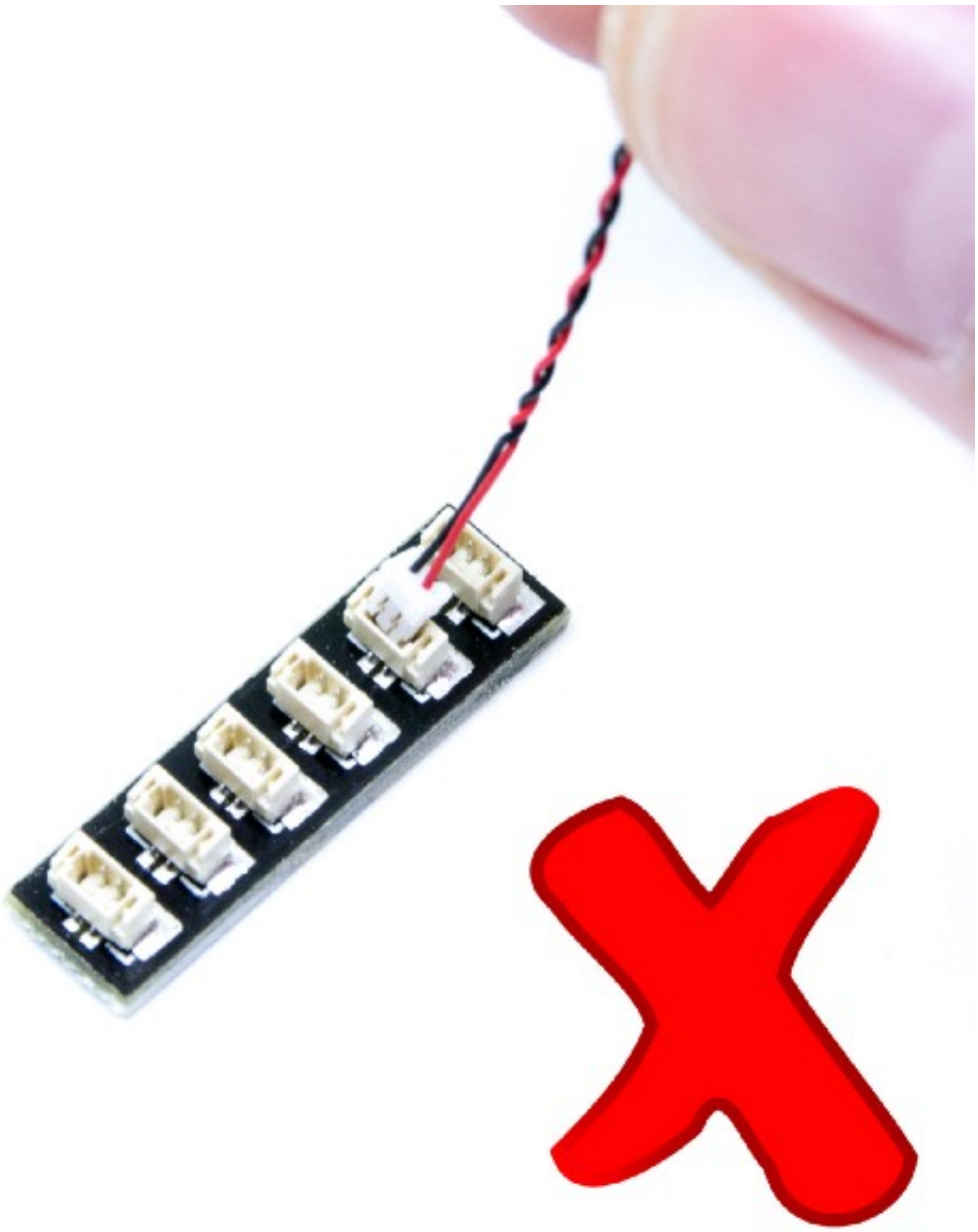


CAUTION: Forcing LEGO® to connect over a cable can result in damaging the cable and light.

Connecting cable connectors to Expansion Boards

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



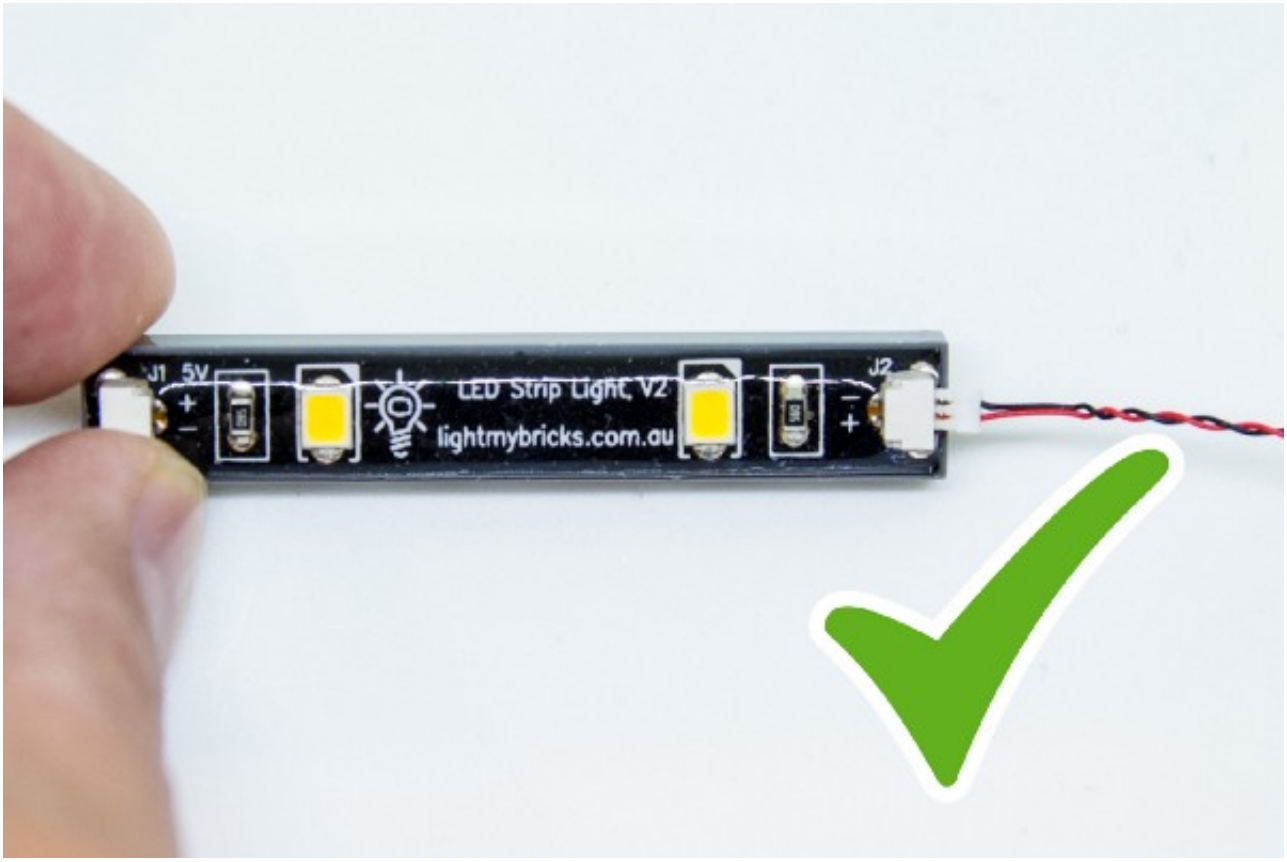


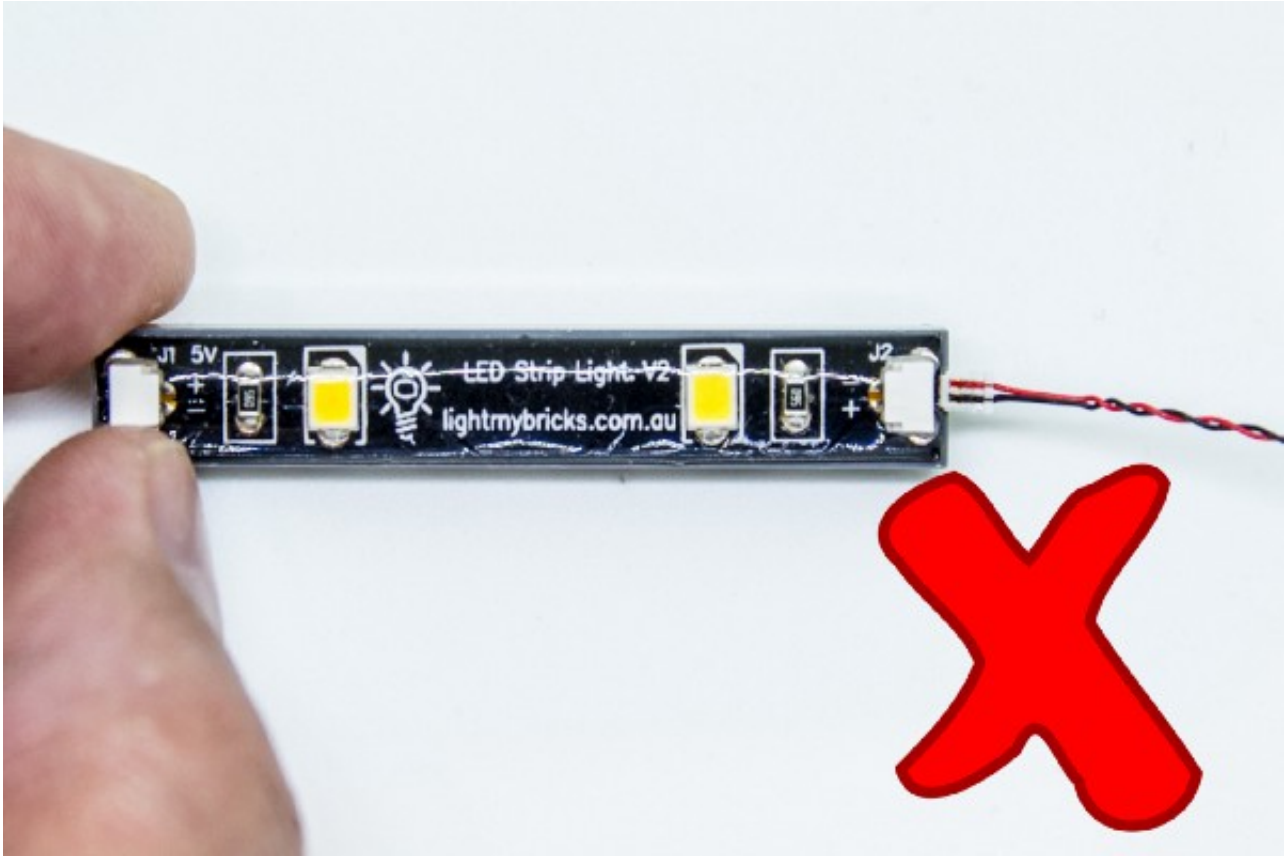
Incorrectly inserting the connector can can result in bent pins inside the port or possible overheating of the expansion board when connected.

Connecting cable connectors to Strip Lights

Take extra care when inserting connectors to ports on the Strip Lights. Connectors can be inserted only one way. With the Strip Light facing up, ensure

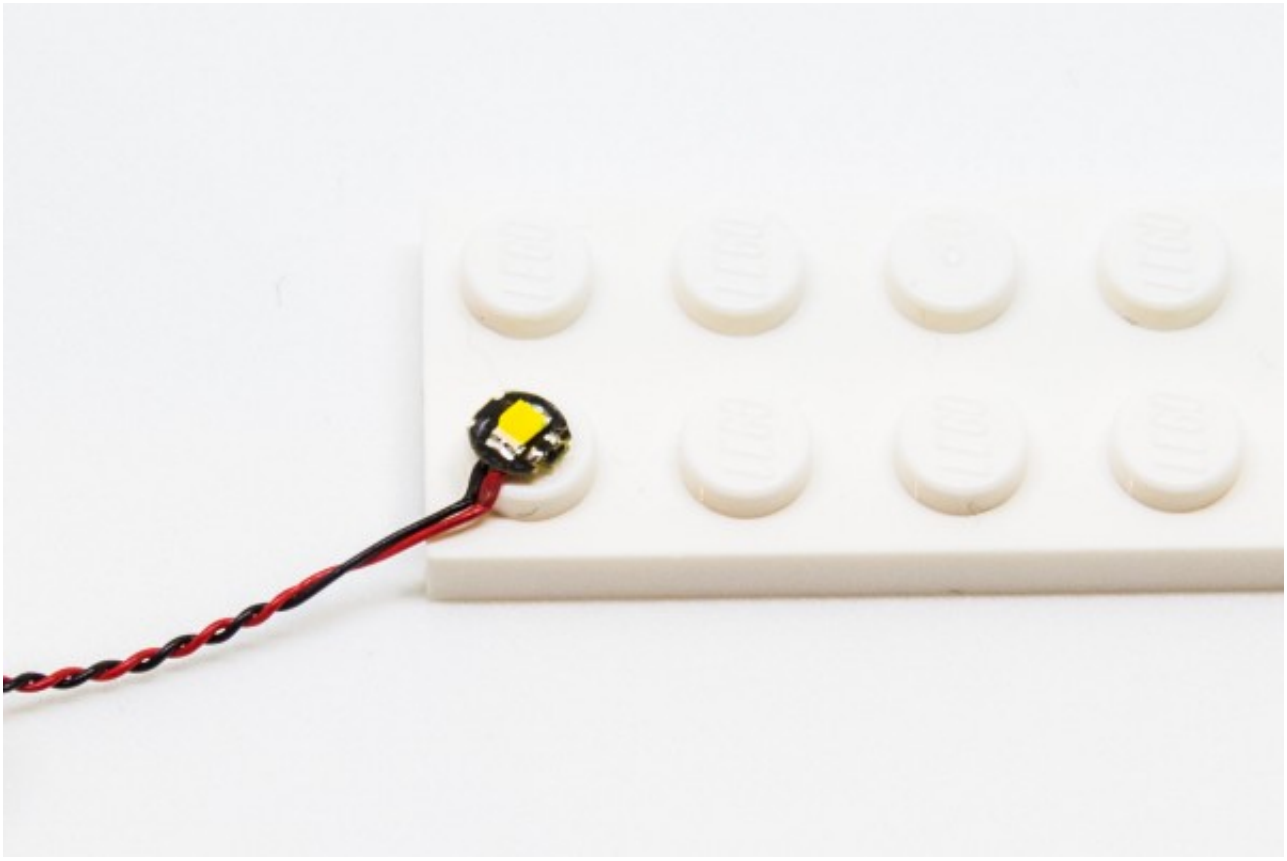
the side of the connector with the wires exposed is facing down. If a plug won't fit easily into a port connector, don't force it. Doing so will damage the plug and the connector.

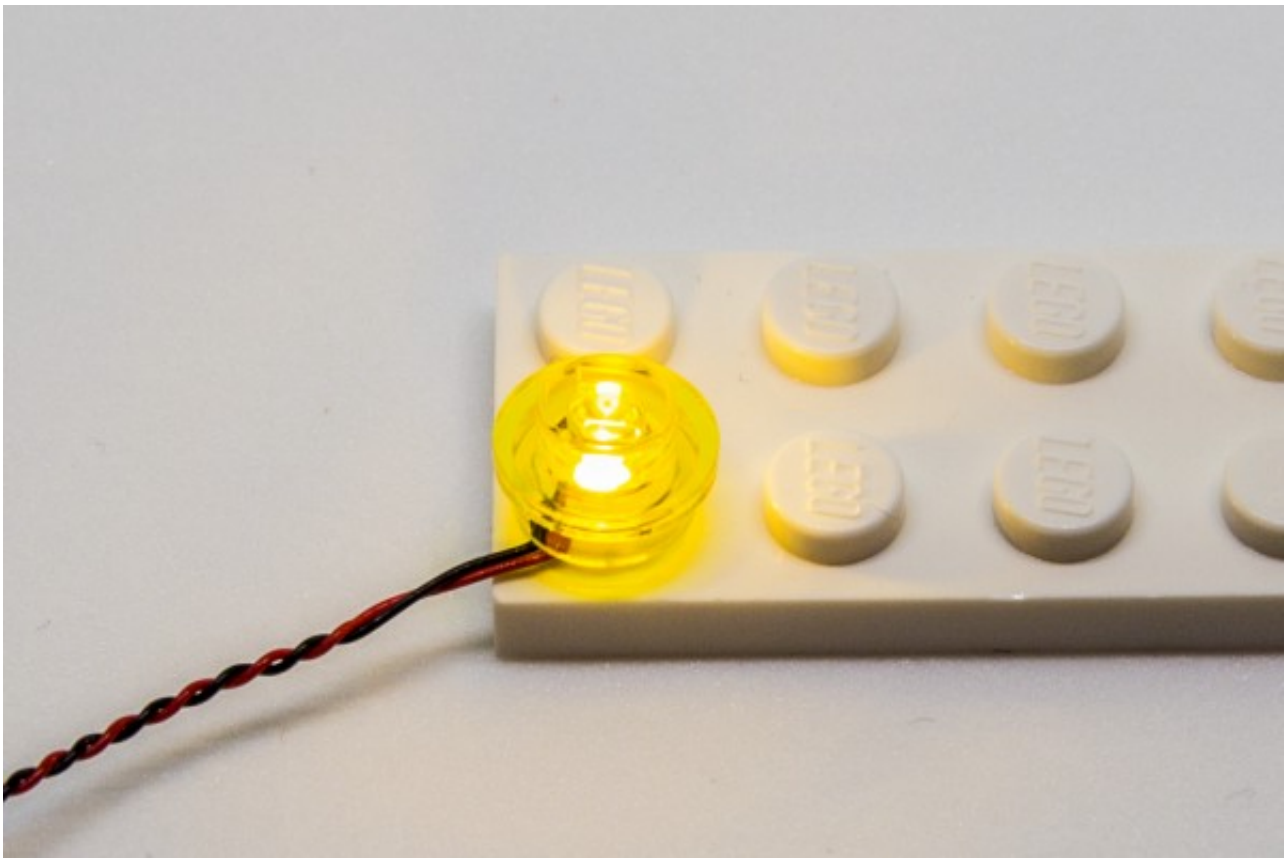


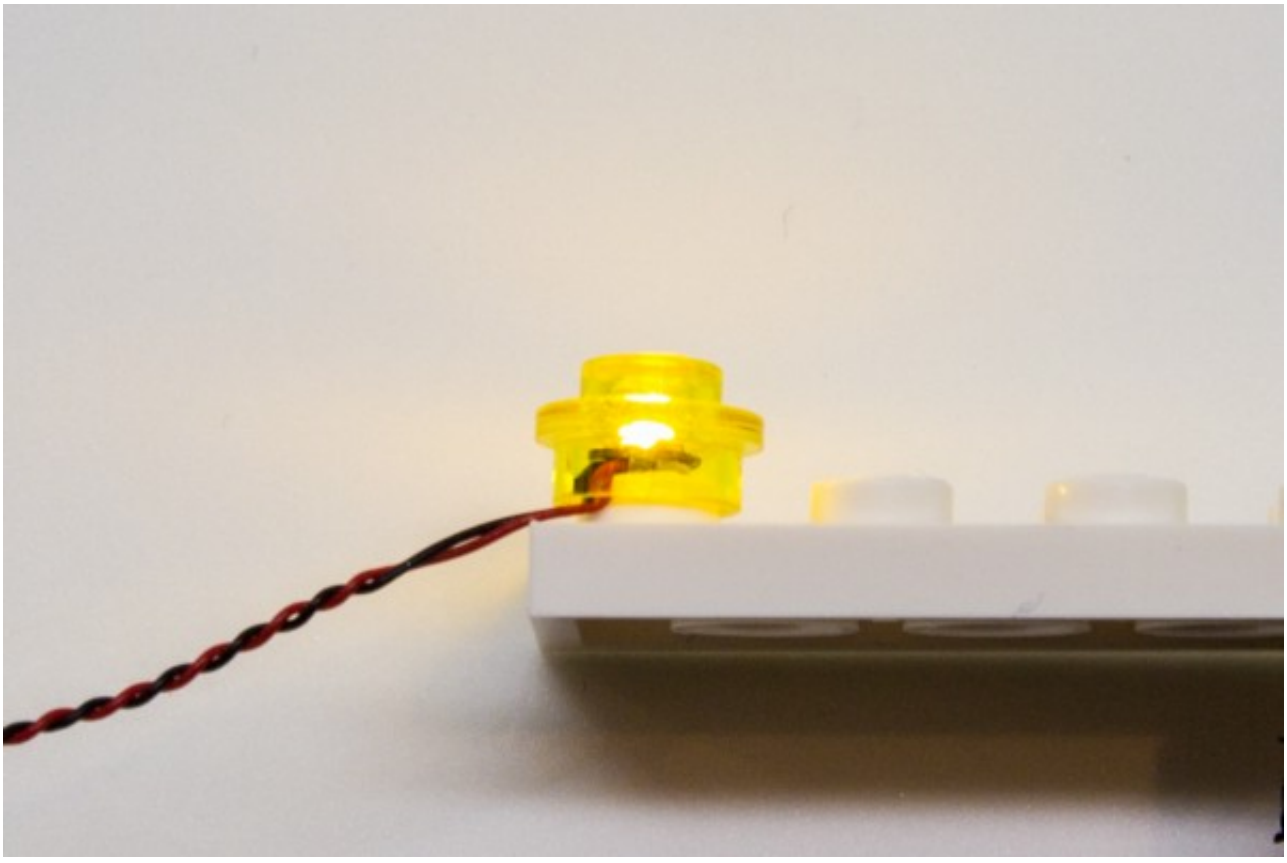


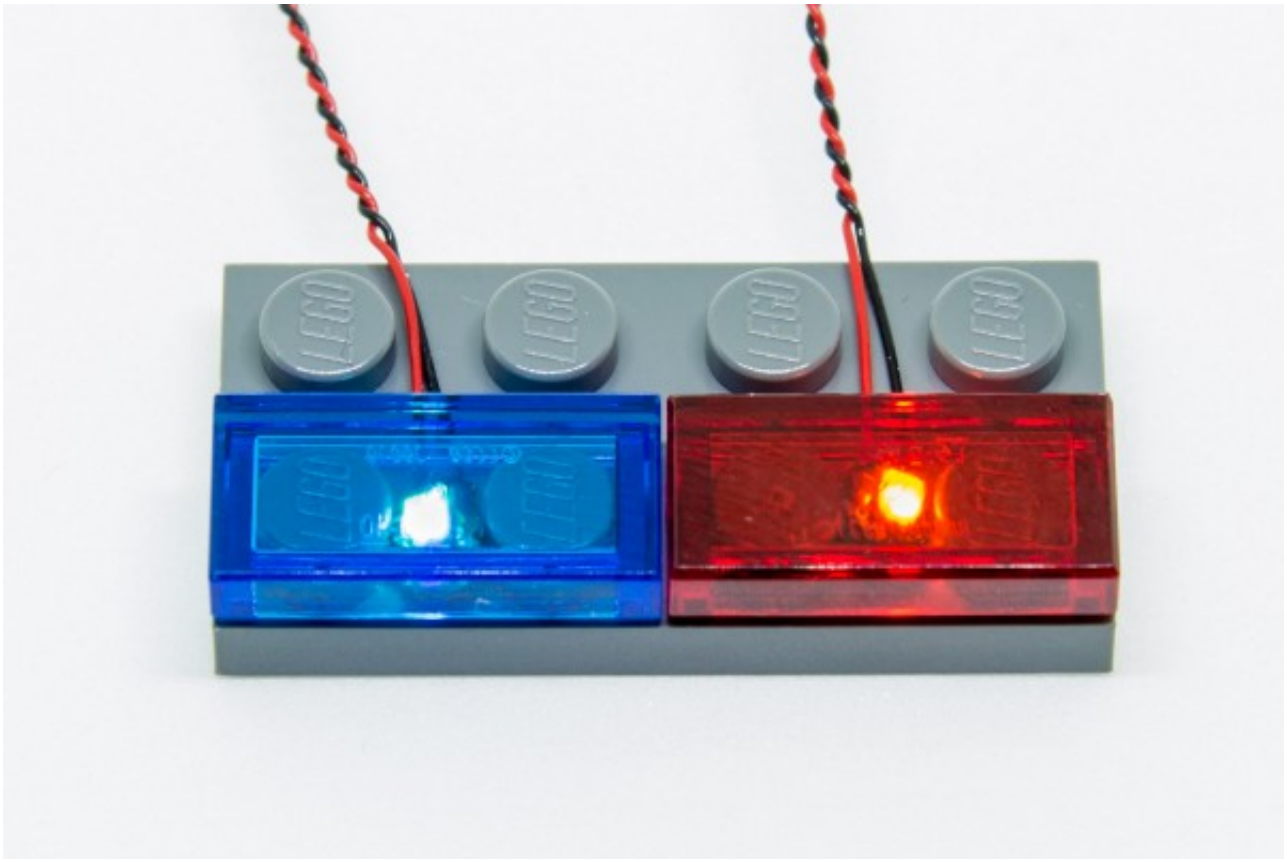
Installing Bit Lights under LEGO® bricks and plates.

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







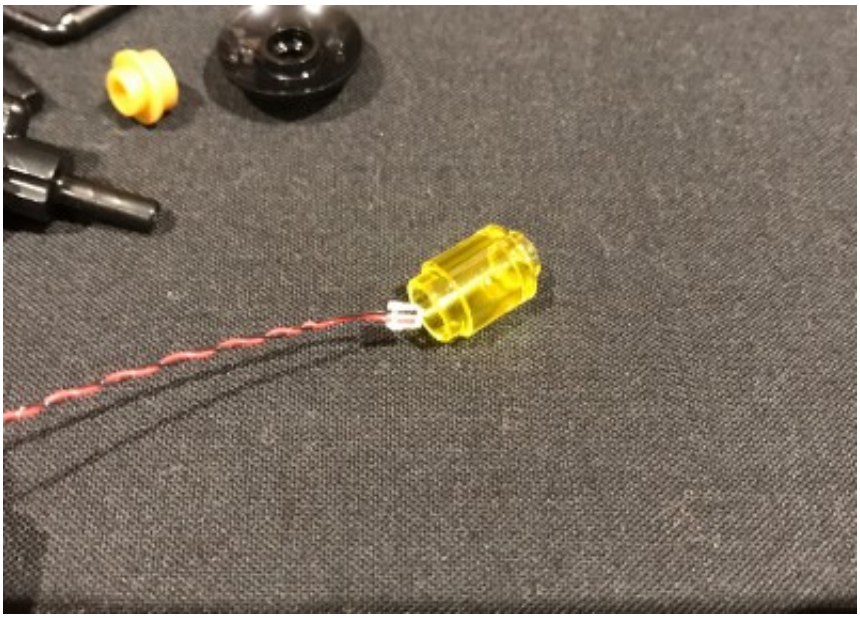


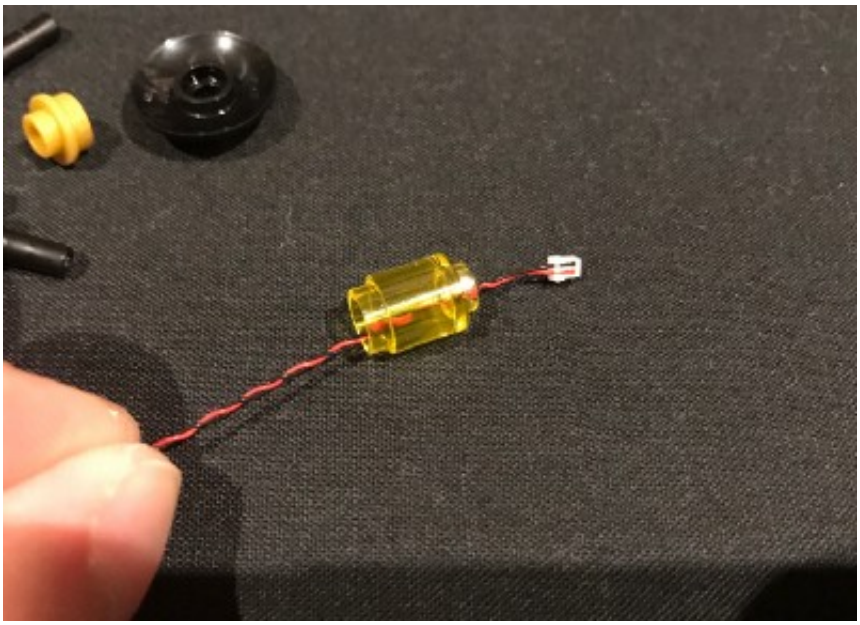
OK, Let's Begin!

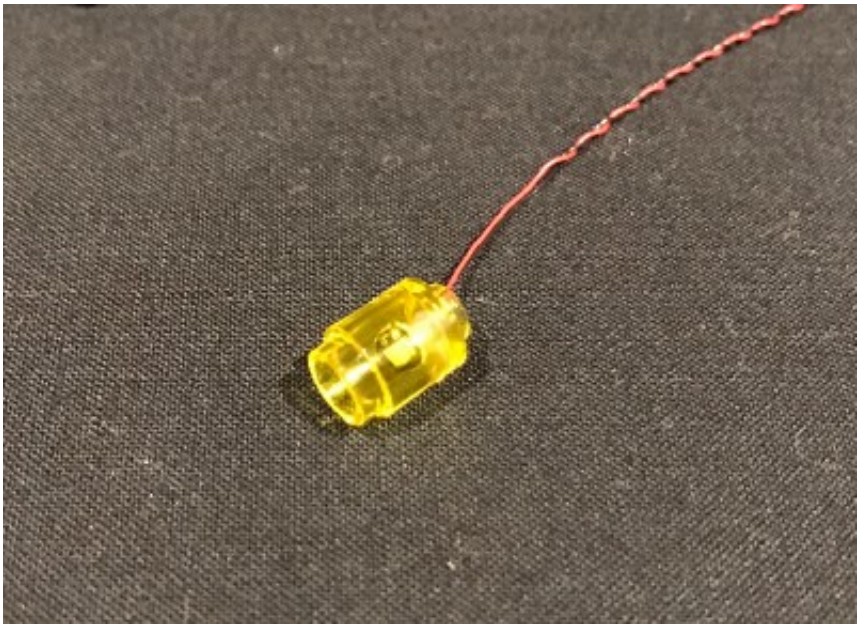
1.) First remove the base of the top floor as per below images.

2.) We will first install lights to those attached to the front mast and along the middle. Remove the front light section and then disassemble pieces as per below:

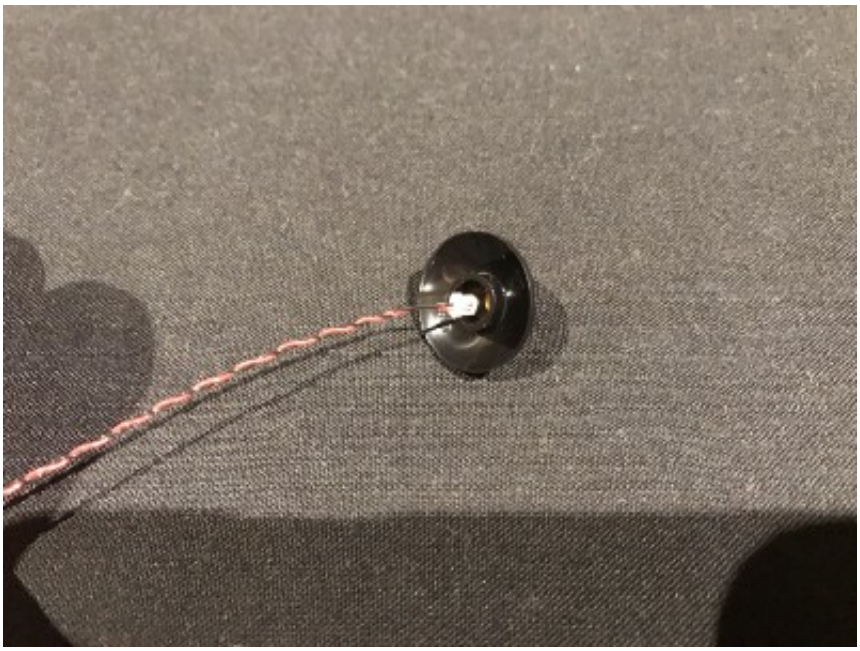
3.) Install a **White 30cm Bit Light** by threading the connector side through the base of the trans yellow brick (larger hole). Thread the cable all the way through until the Bit Light is sitting inside the brick.

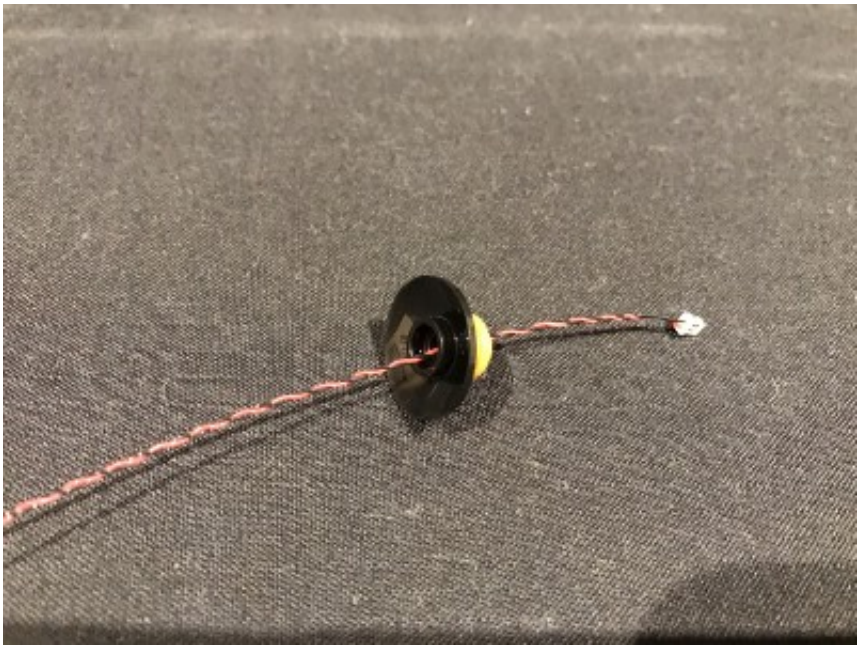


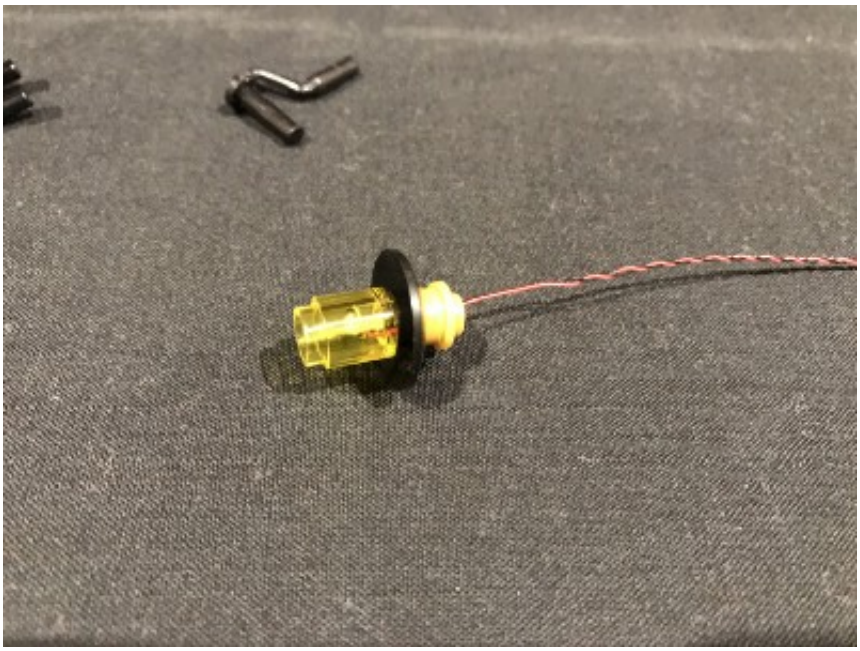




Thread the cable through the base of the black lamp shade piece as well as the gold round plate with hole before connecting pieces together.

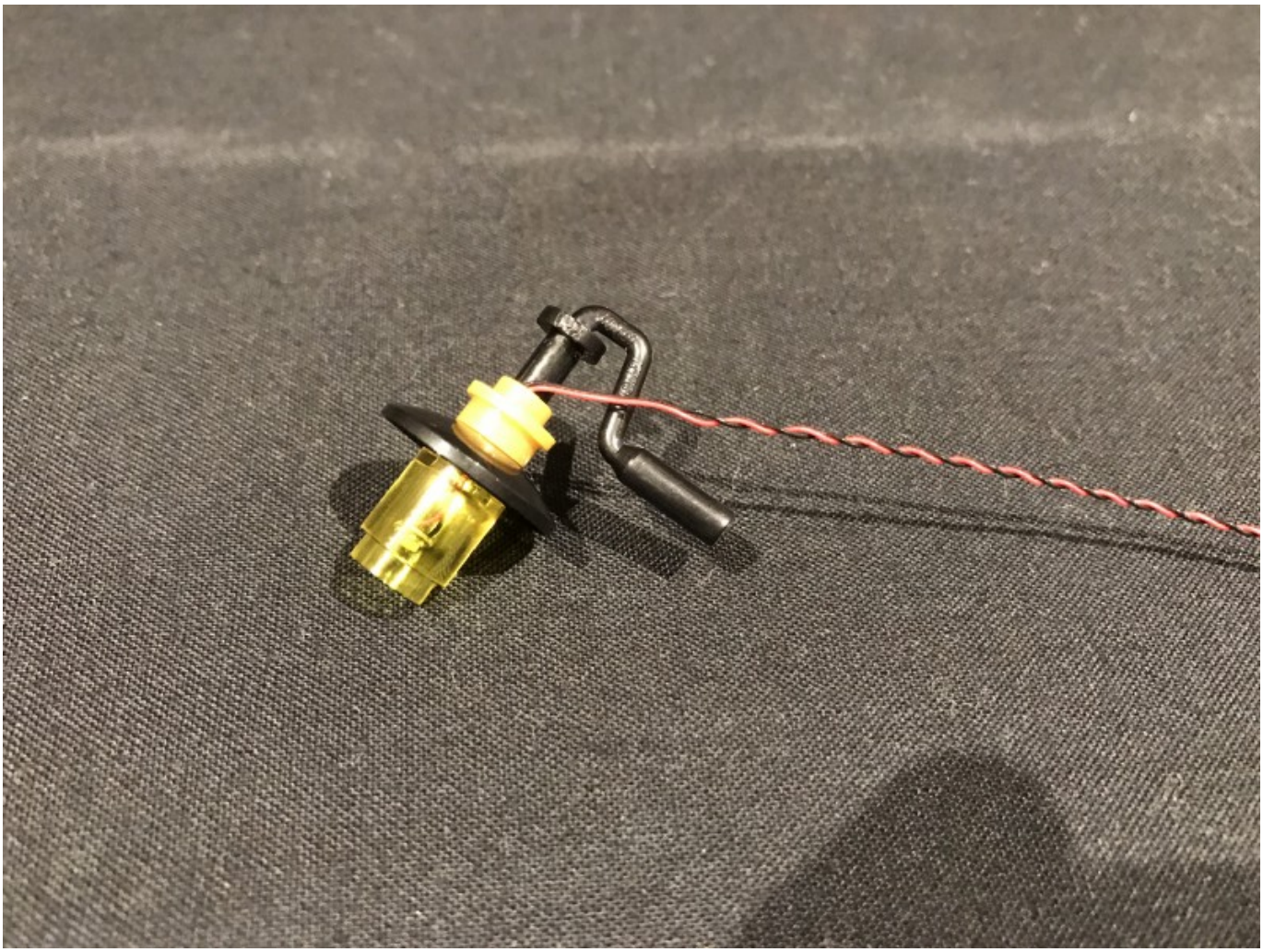




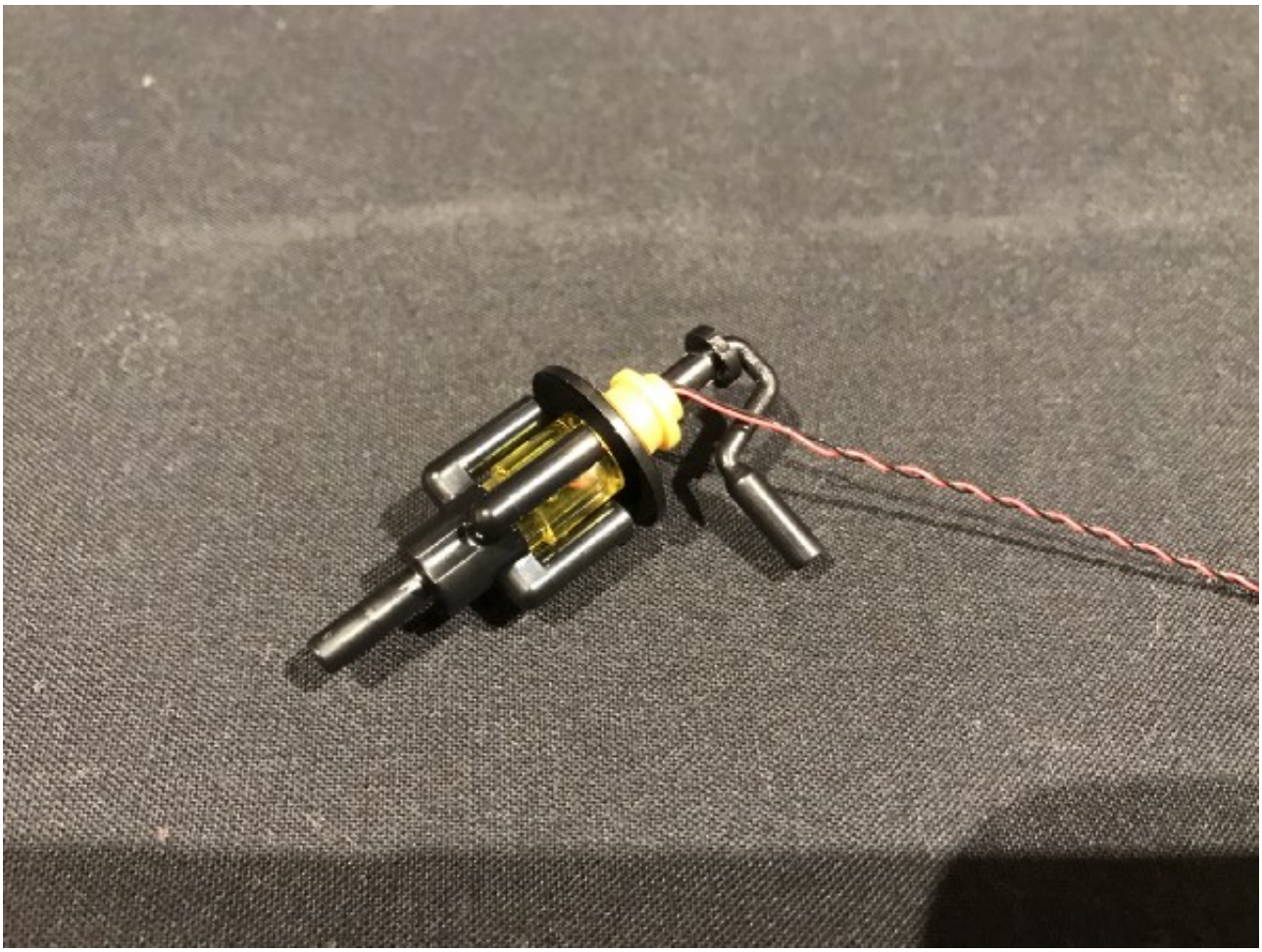


Reconnect the black hook piece by carefully pushing down through the top of the lamp shade piece. ***NOTE: You will notice that this particular piece will not push all the way down. Do not force push it all the way.***

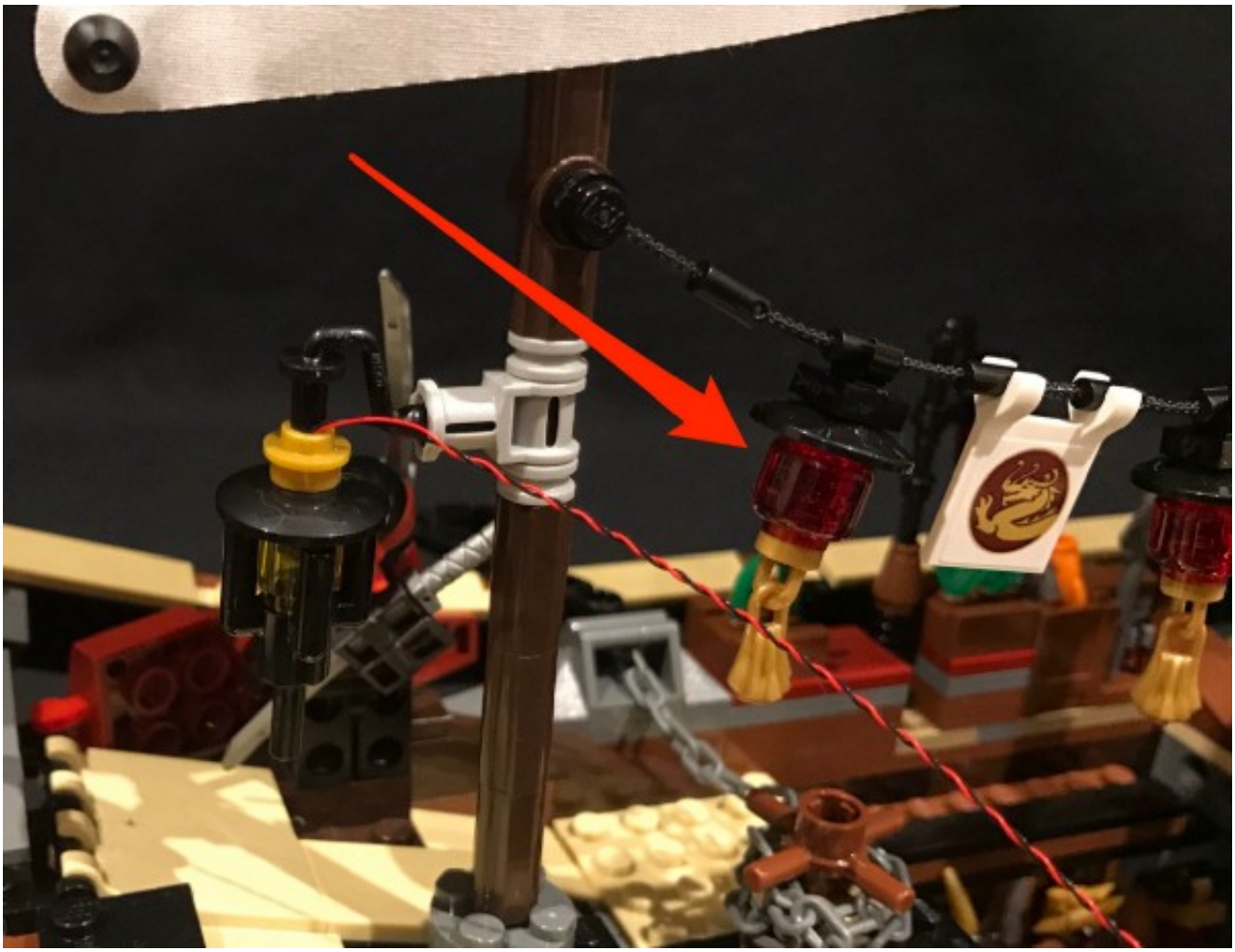
It should look similar to the below example.



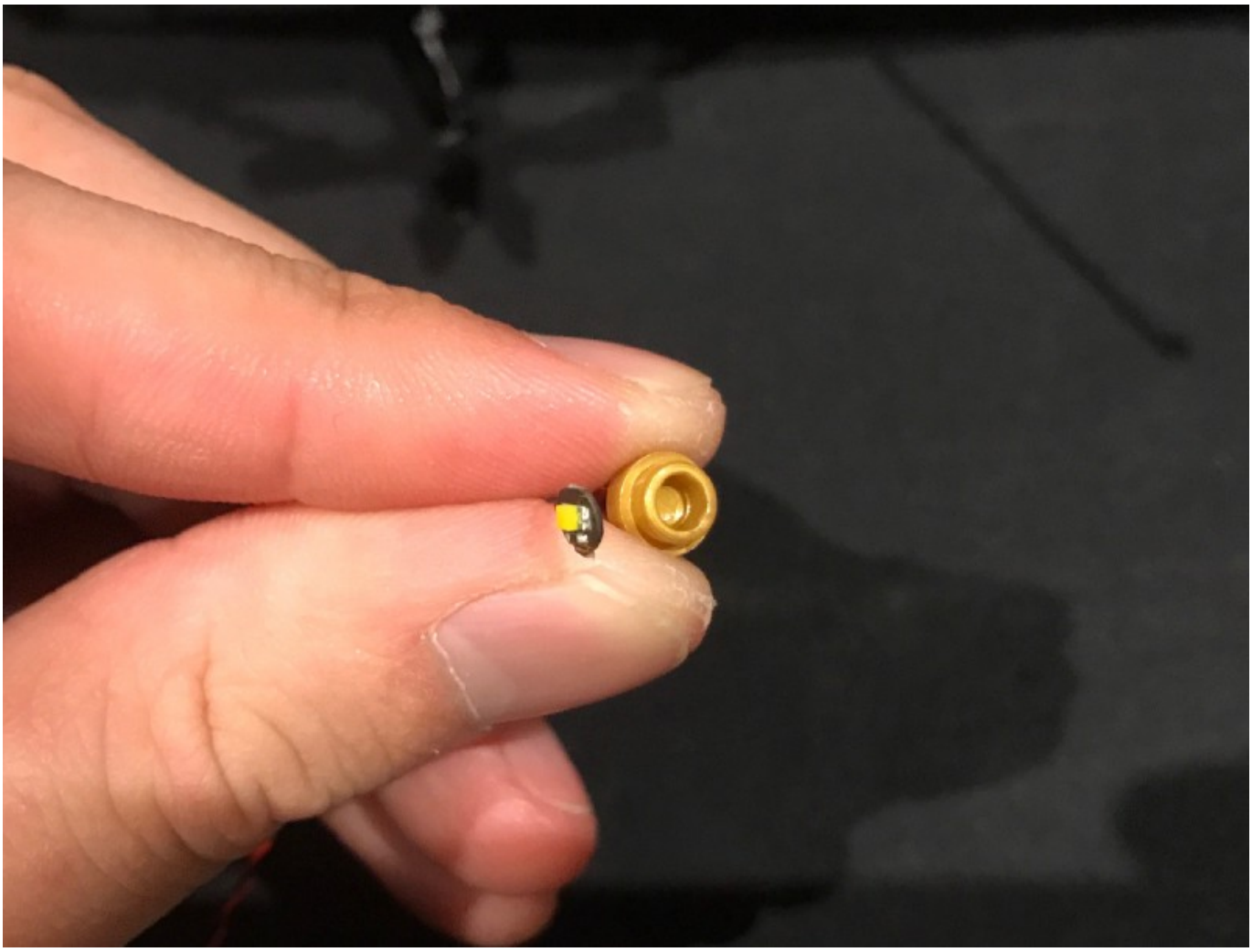
Lastly, reconnect the remaining piece which sits underneath the lamp before reconnecting back to the front mast.

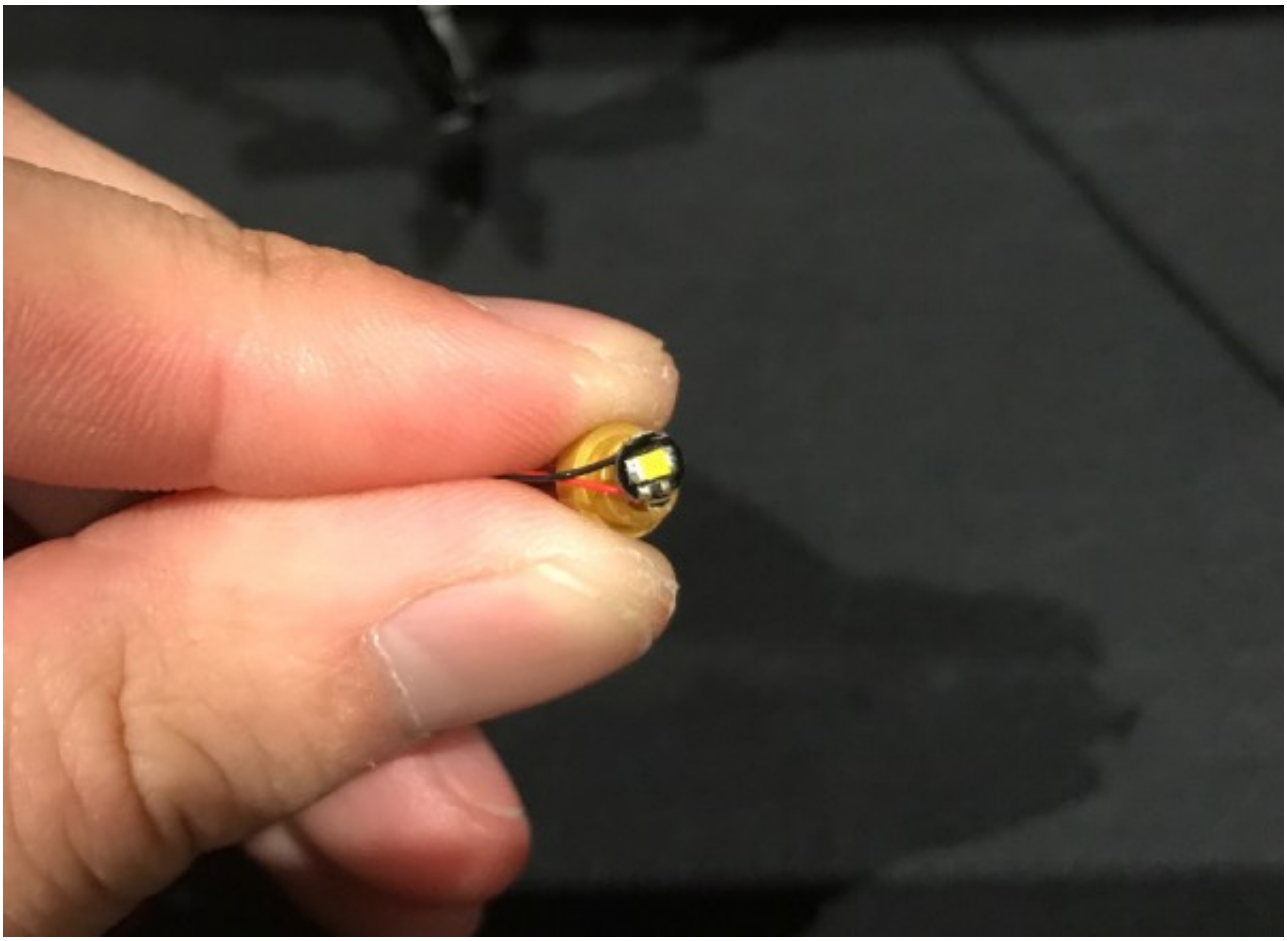


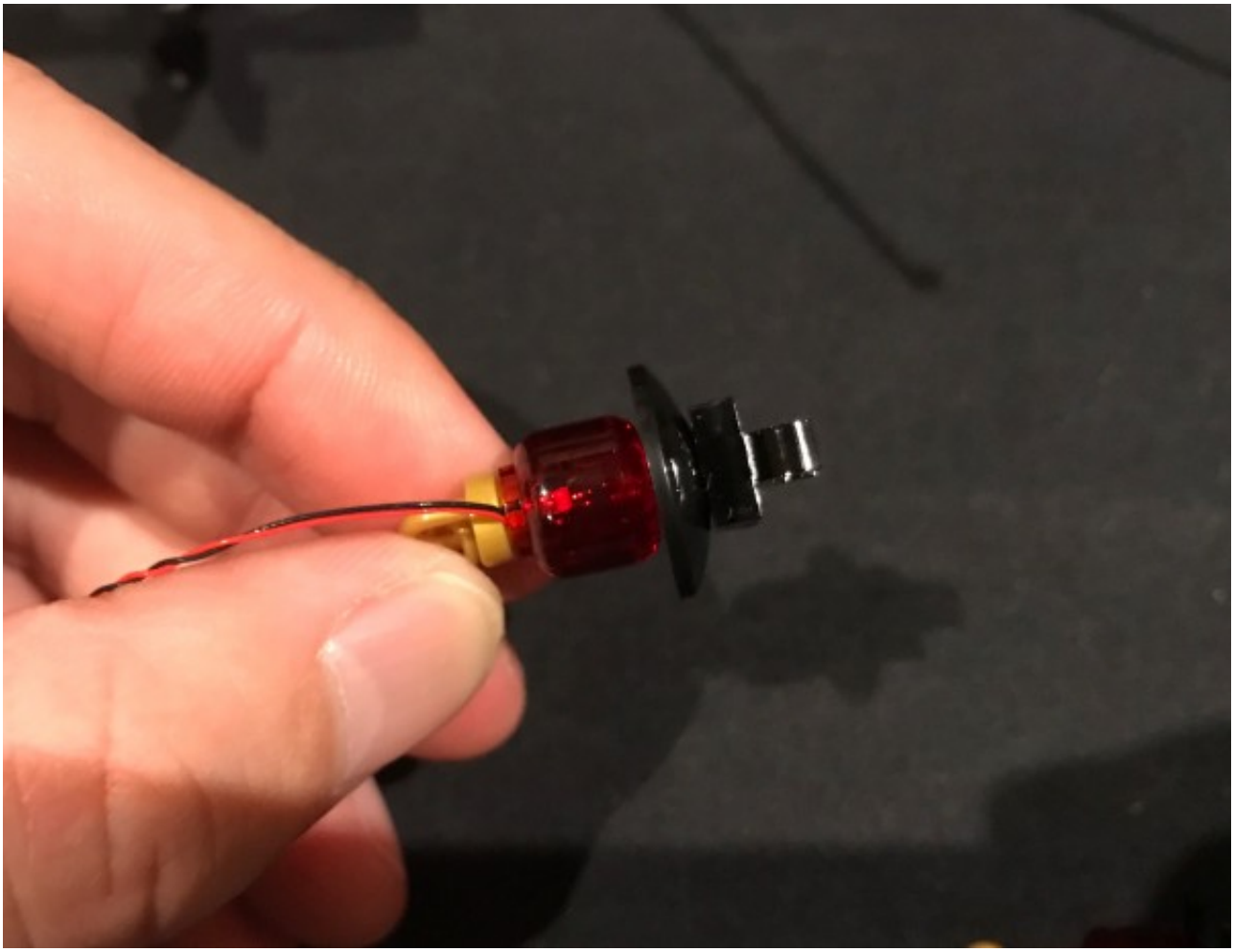
4.) Next, we will install lights to the lanterns along the middle line. Disconnect the one closest to the front lamp we just installed and then remove the gold piece underneath.



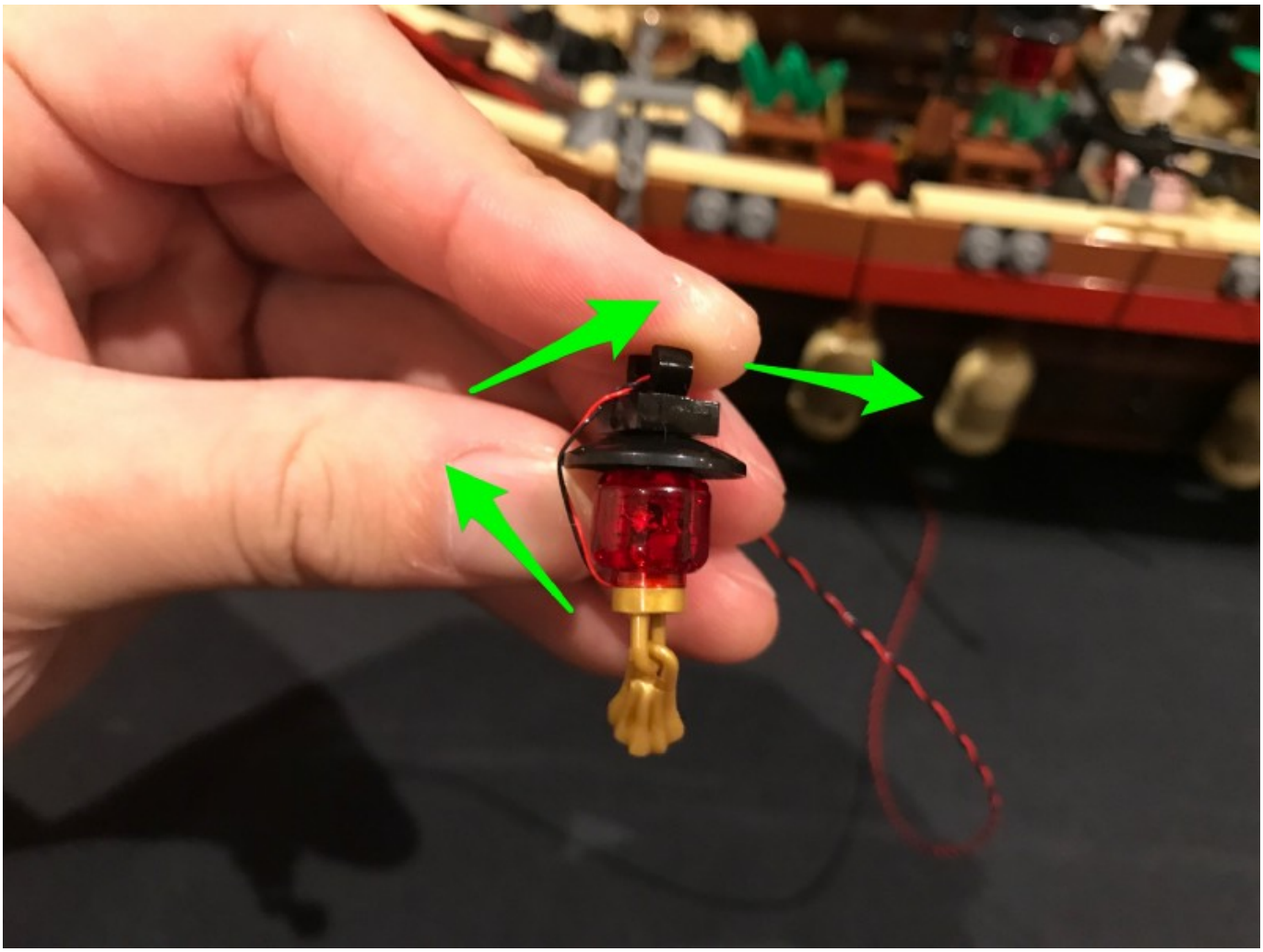
Take another **White 30cm Bit Light** and then place the bit light directly over the top of the gold piece we removed. Secure the light in place by reconnecting the trans red piece over the top as per below.



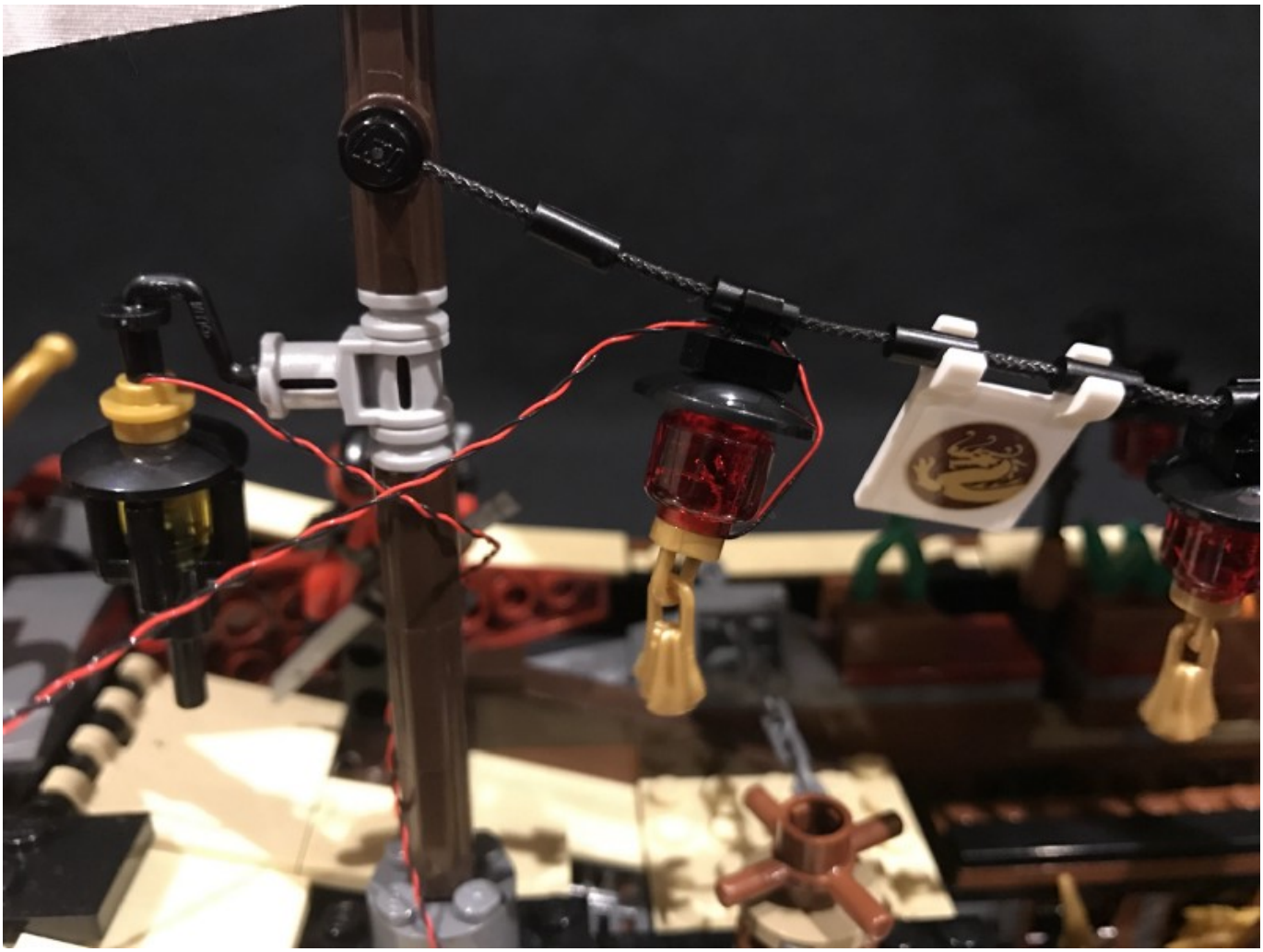




5.) Take the cable from the bit light and then pull it up and then across the top and lay in between the black clip.

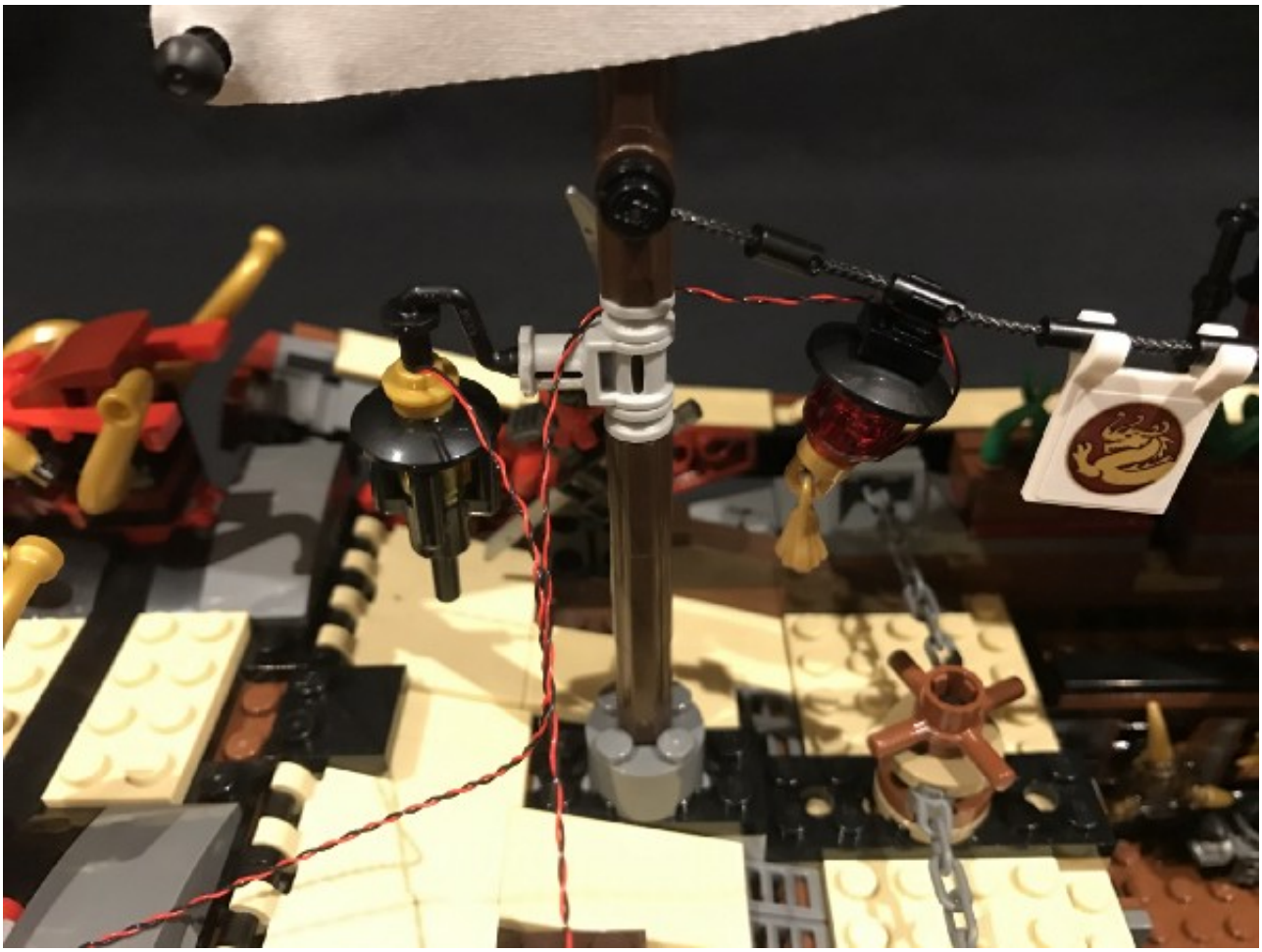


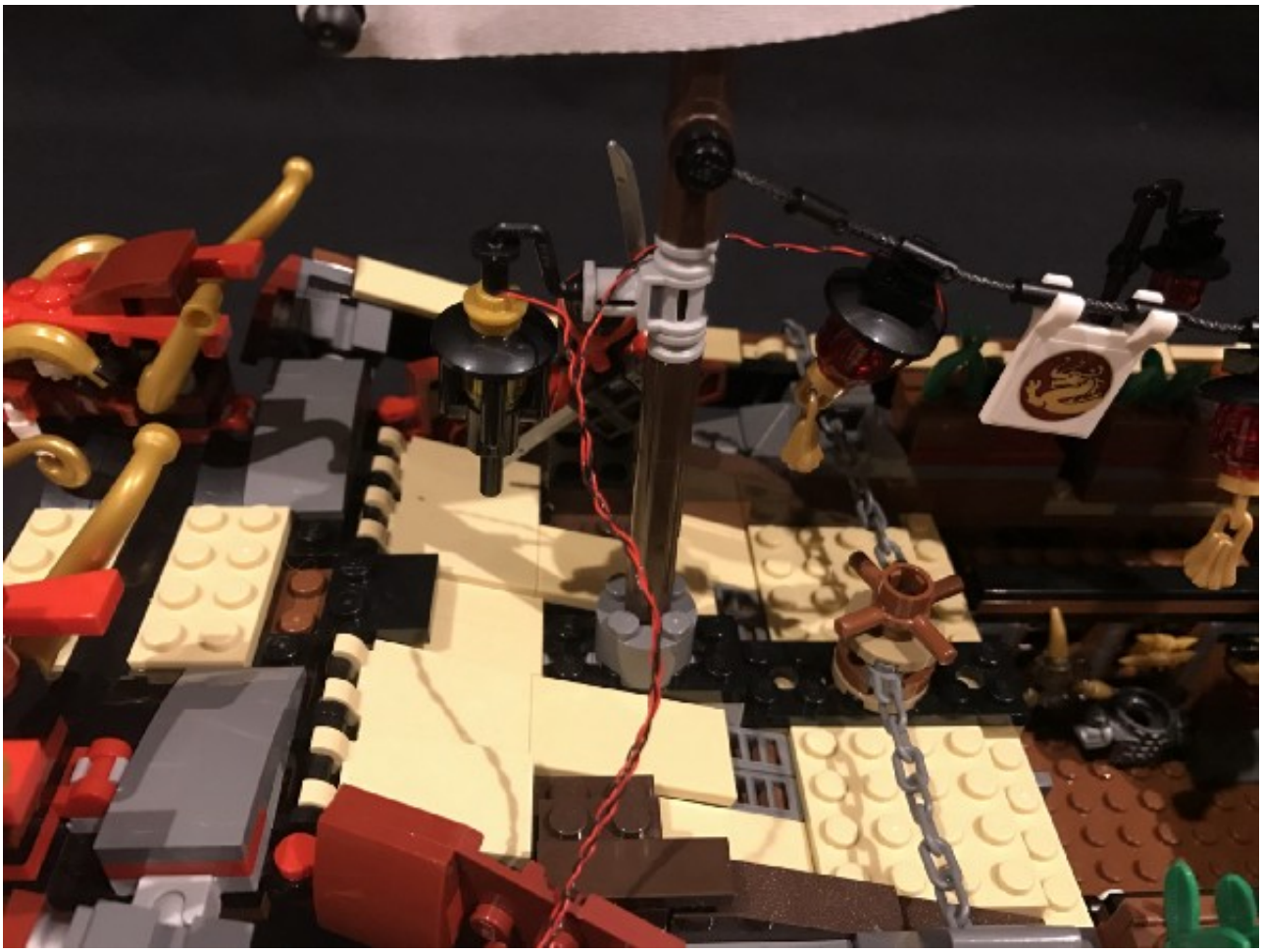
Reconnect this section back to the middle line ensuring the cable is facing forward.



The cable should be laid in between the clip handles.

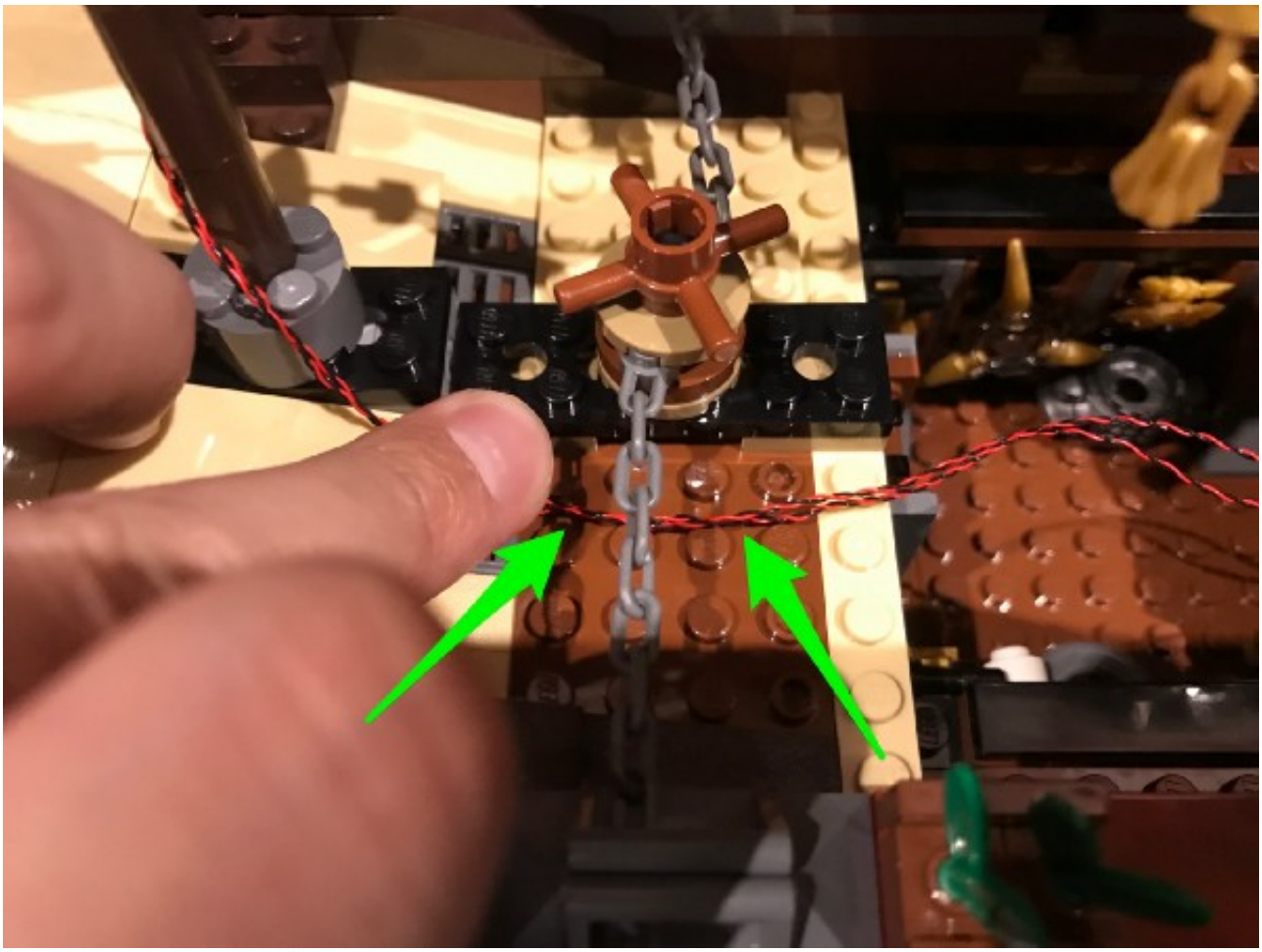
6.) Twist the cables from the two lights we just installed around each other so they come together forming one cable.



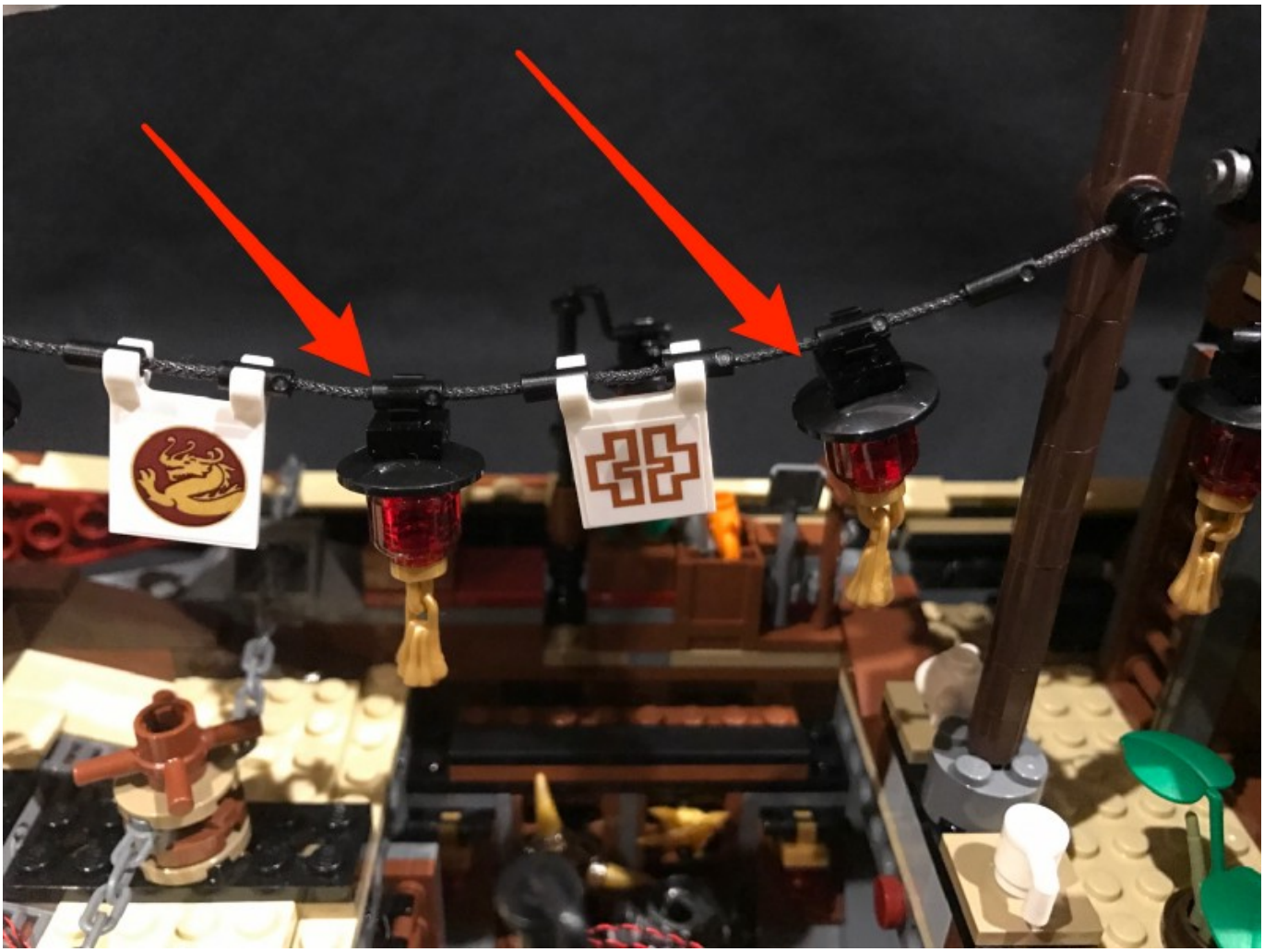


Take the cable and then wind the cable around the mast and then pull the cable toward the right to then thread underneath the chain leading to the bottom deck.

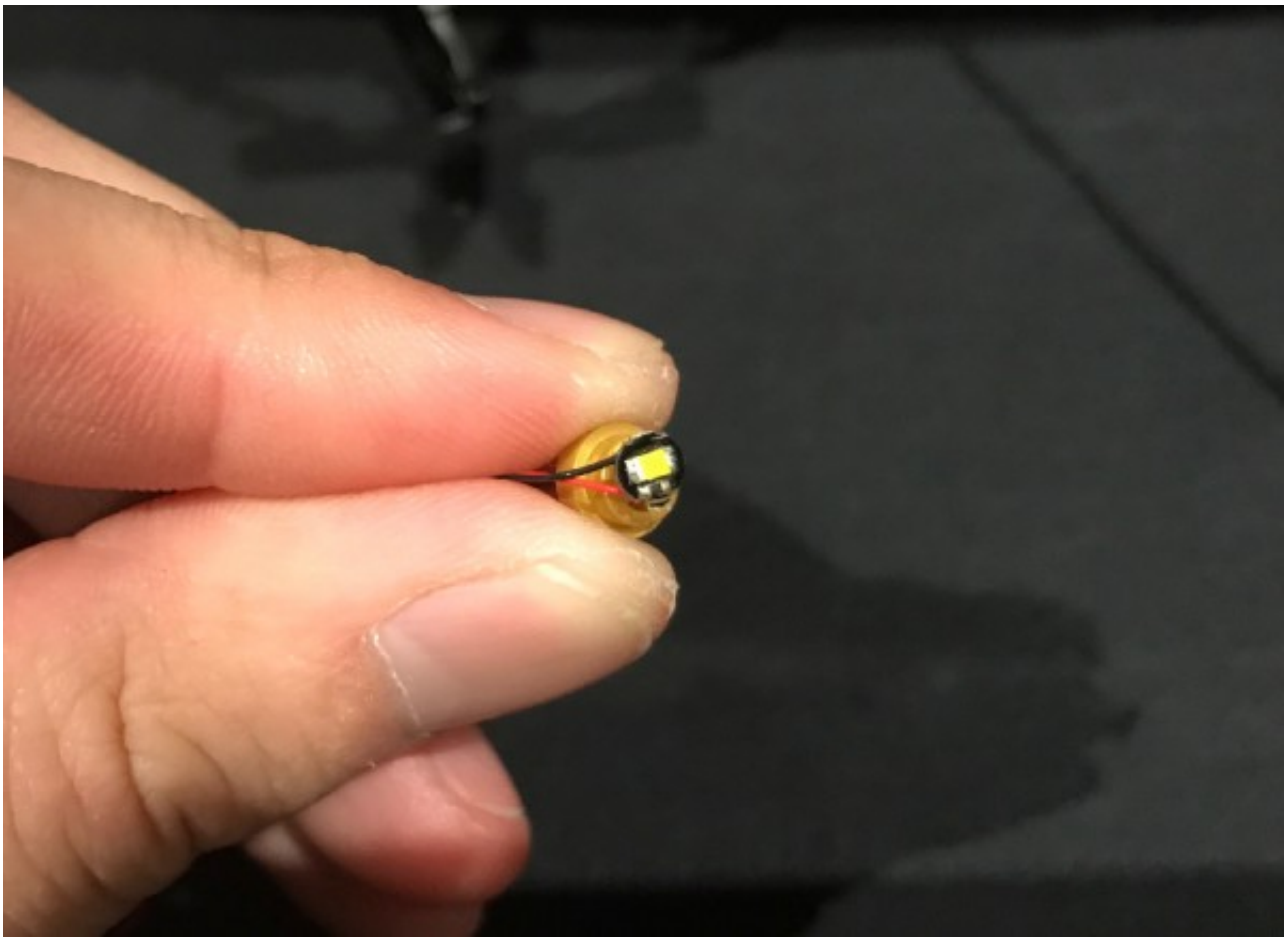
Use your LEGO removal tool to remove the 4×4 plate cream coloured. Lay the cable down in between studs underneath before reconnecting the plate back over the top.

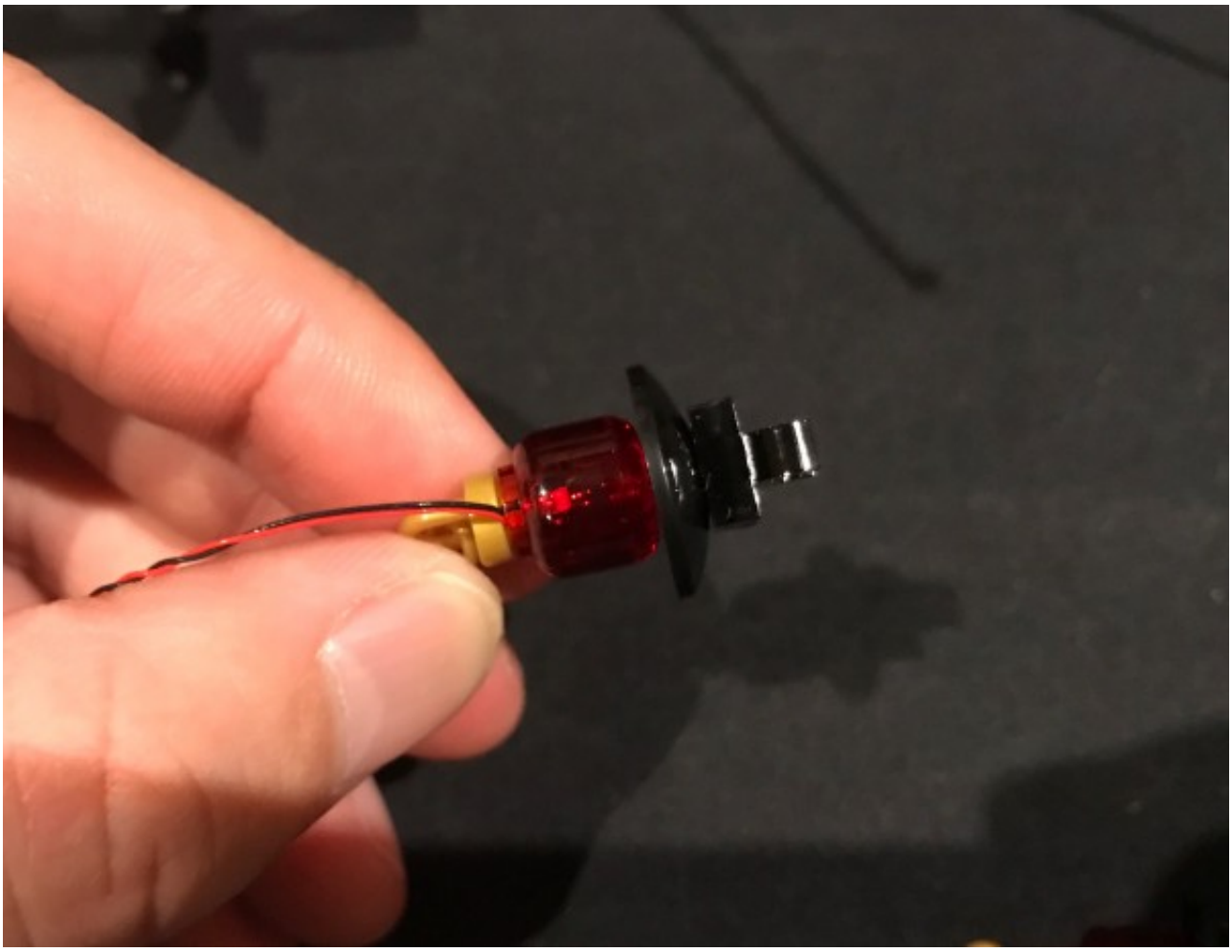


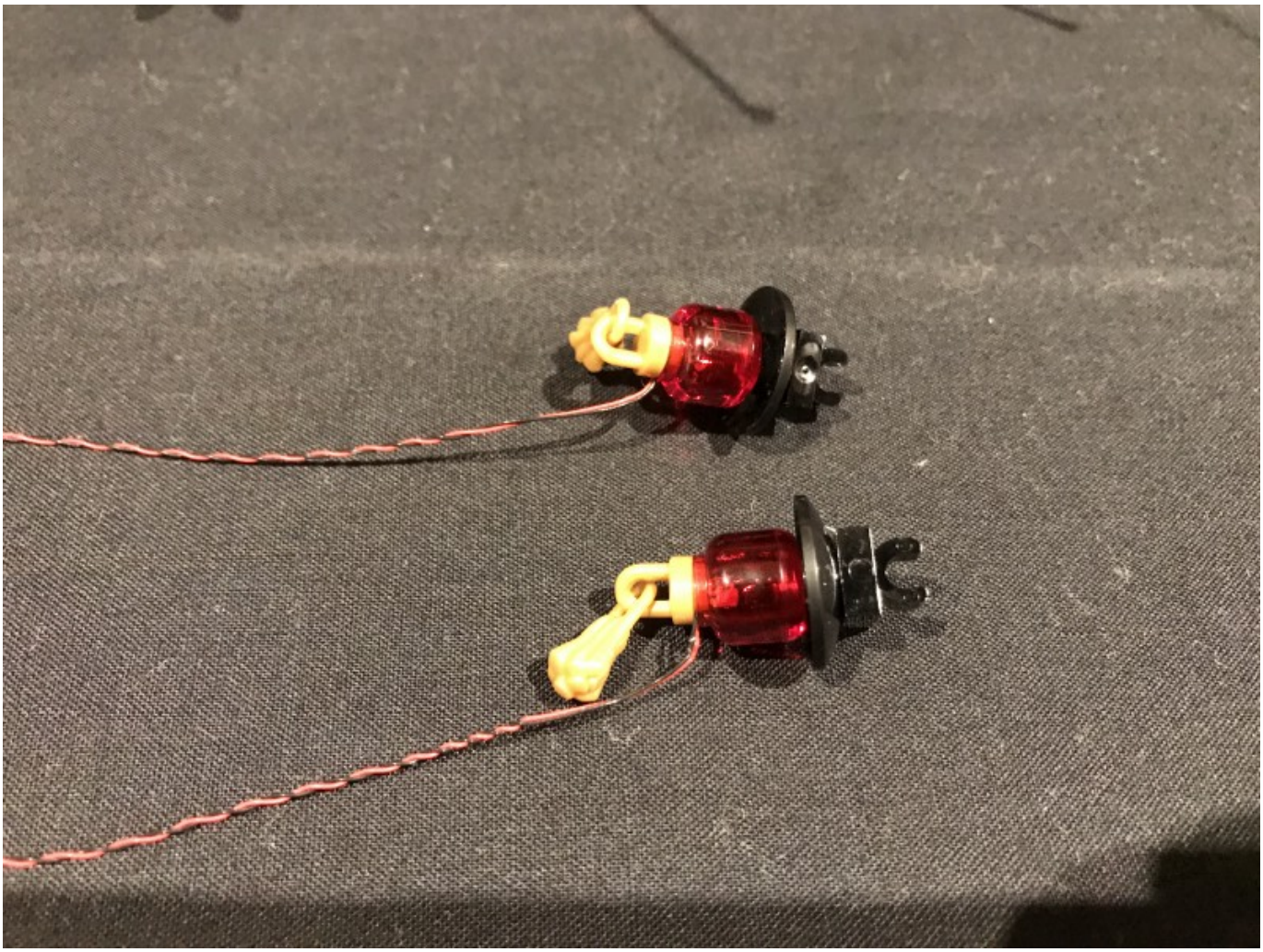
7.) We will now install lights to the second and third lanterns along the middle line. Remove these two sections and then disconnect the gold pieces from the bottom of them.



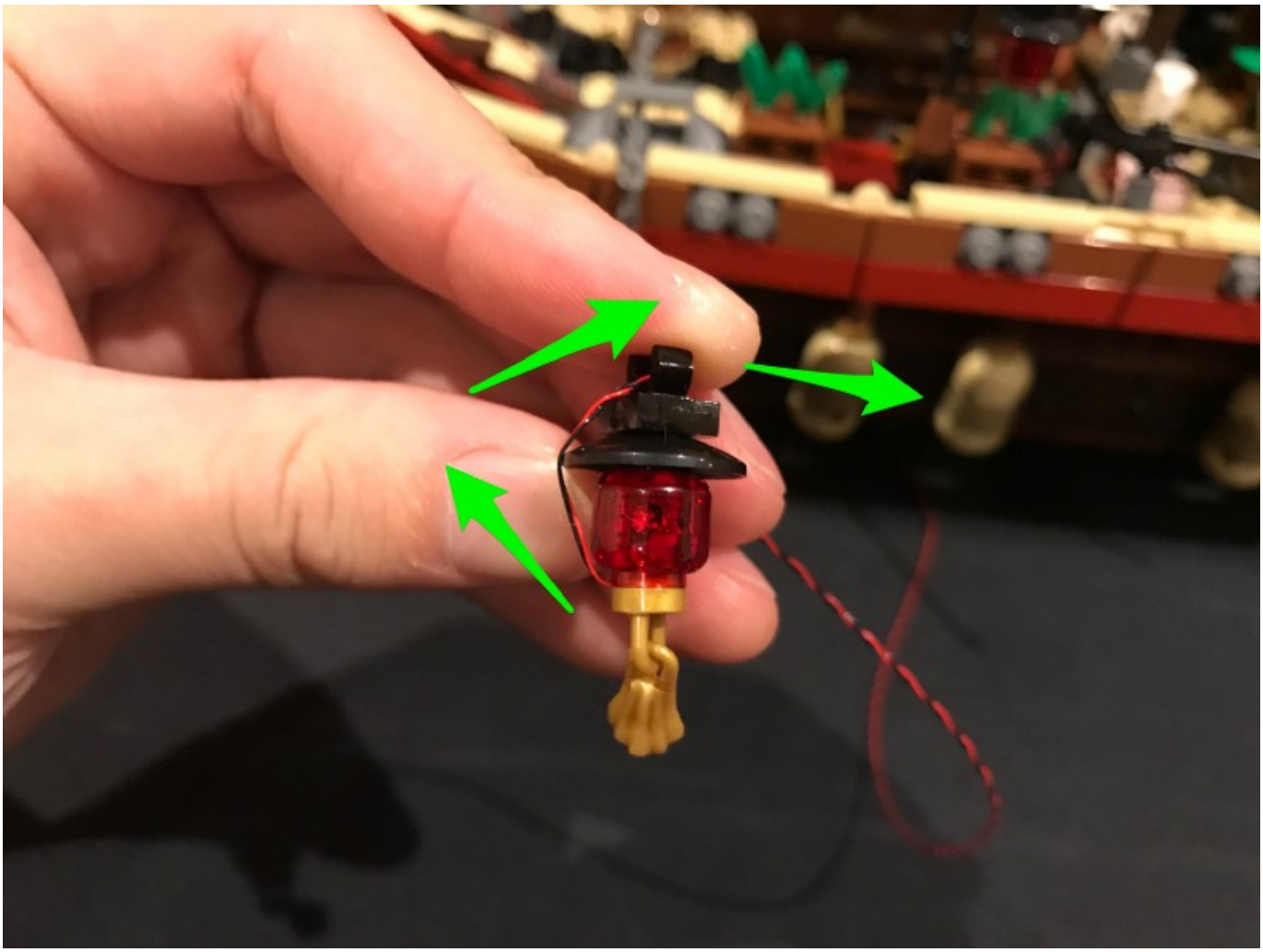
Following the same method we used for the first lantern, install another **2x White 30cm Bit Lights** to these two lanterns.



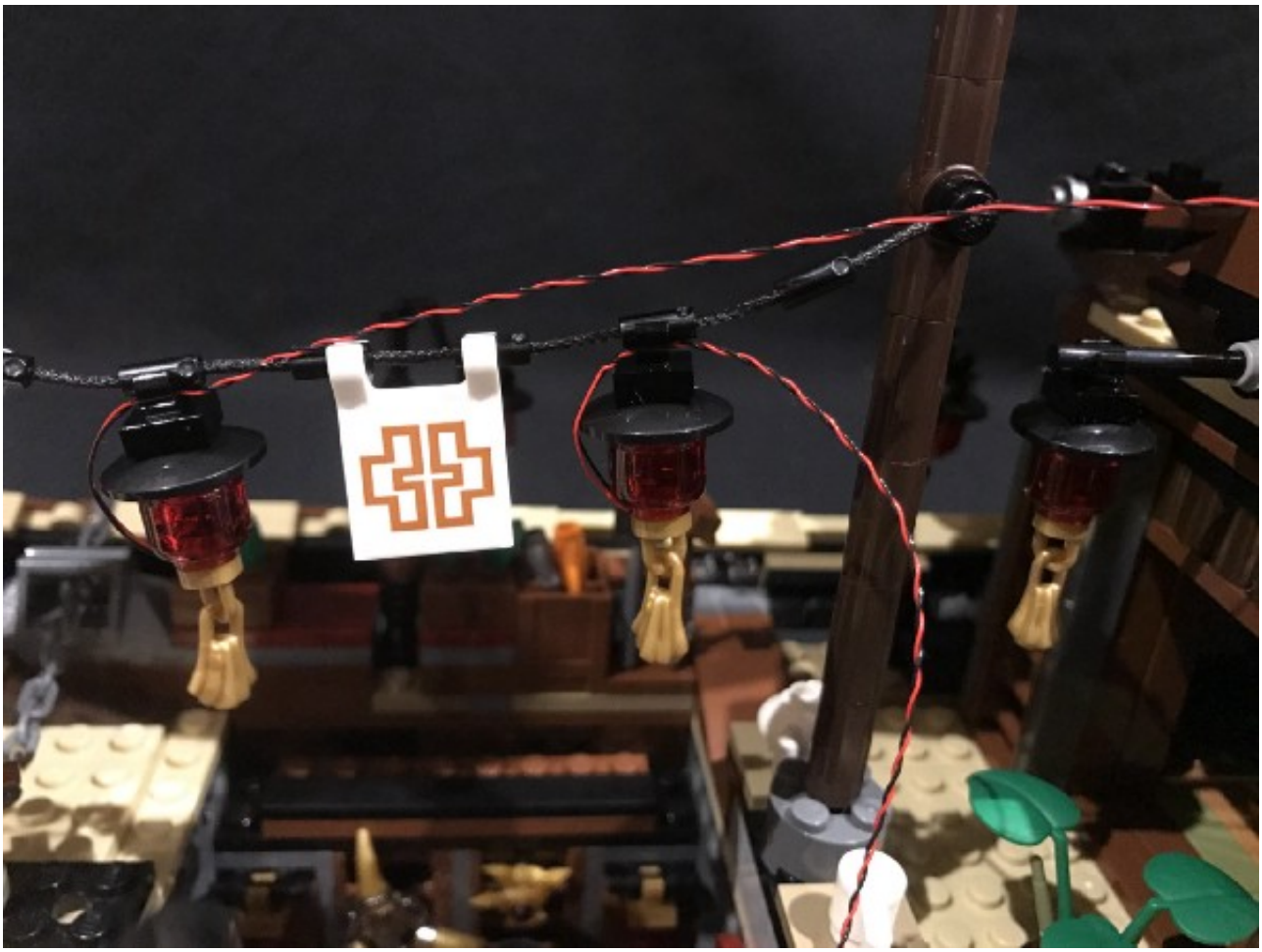




Take the cable from the bit light and then pull it up and then across the top and lay in between the black clip for both lanterns.

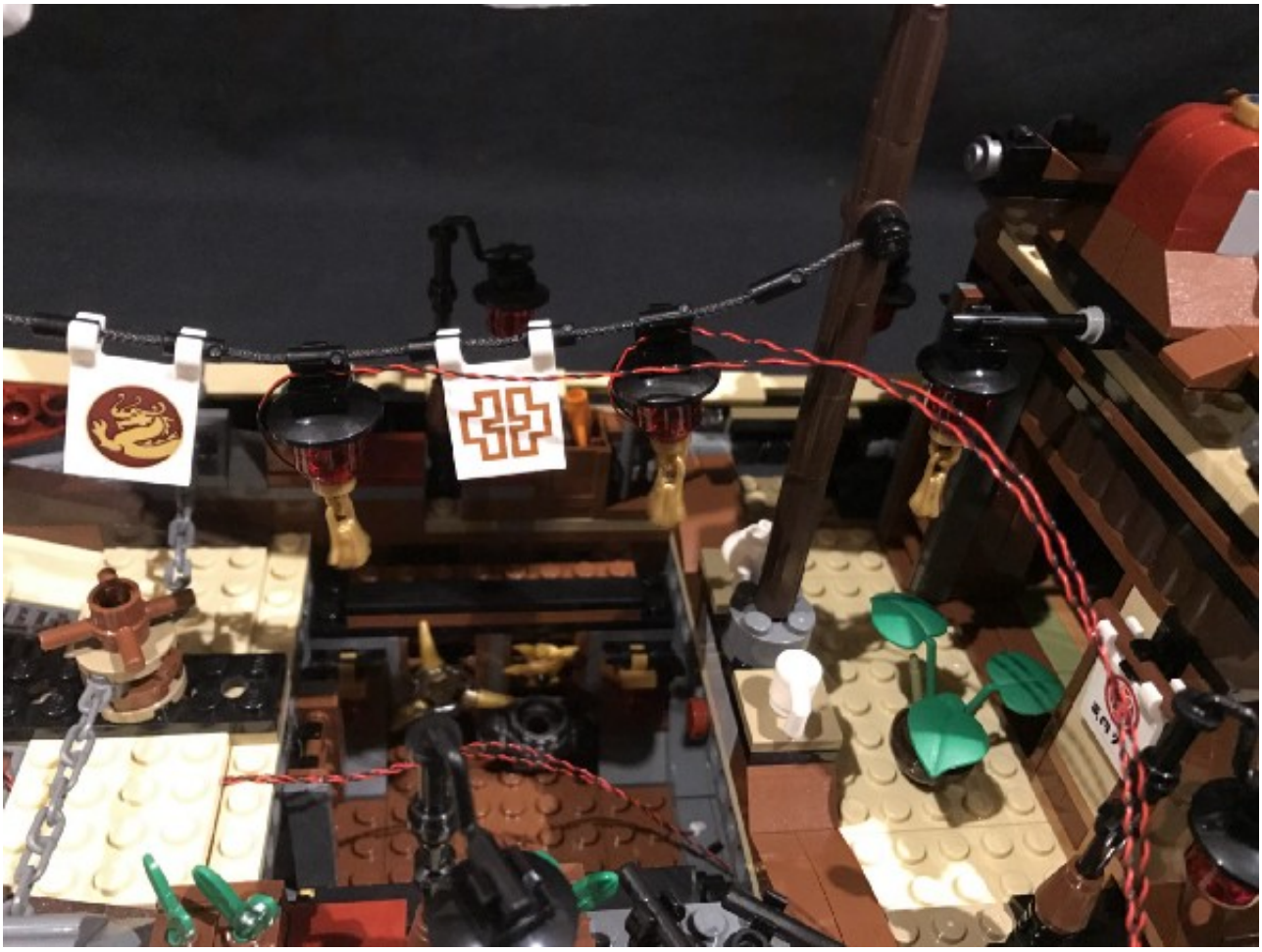


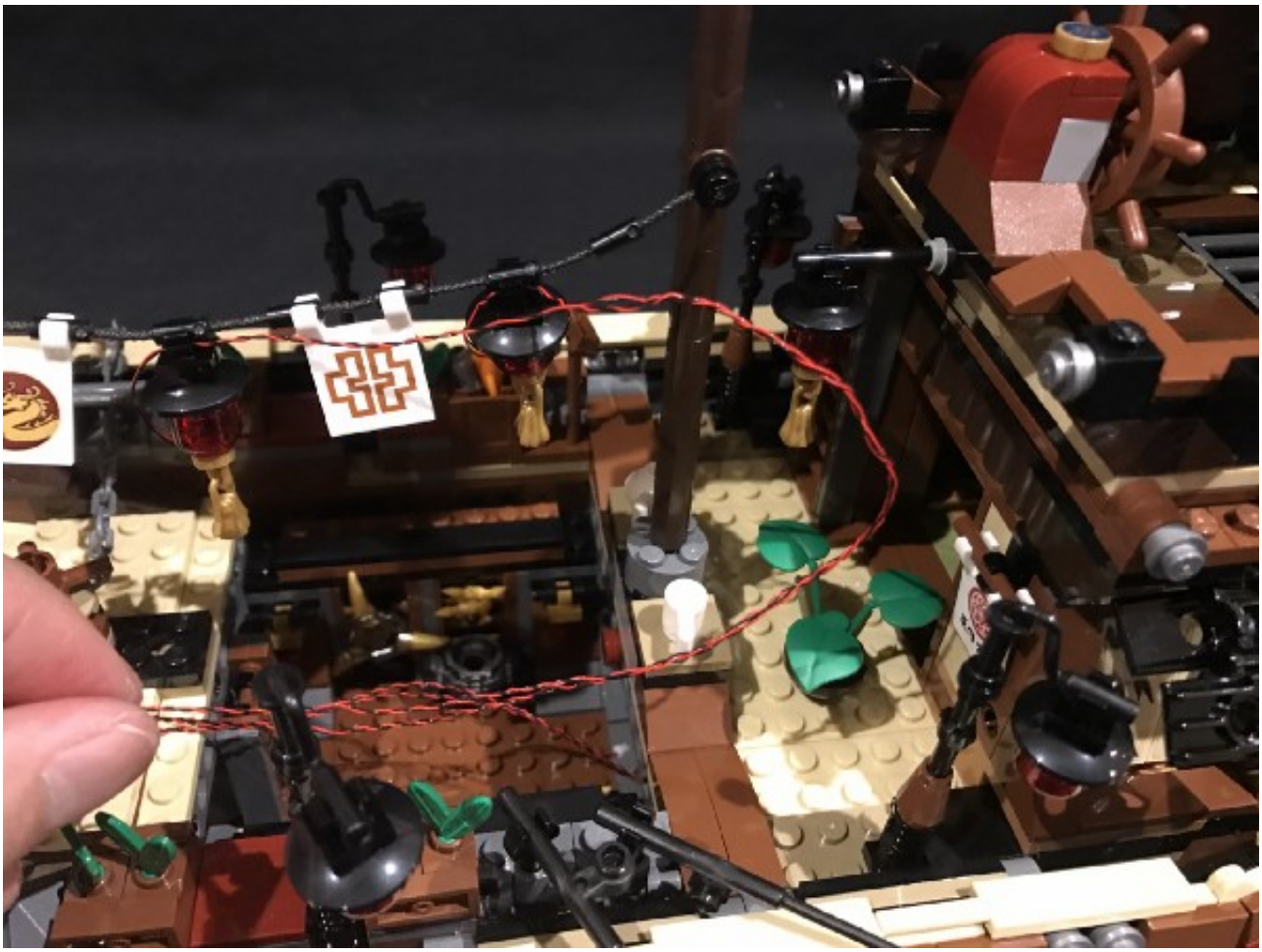
8.) Reconnect both lanterns back to the middle line ensuring both cables are facing the back.

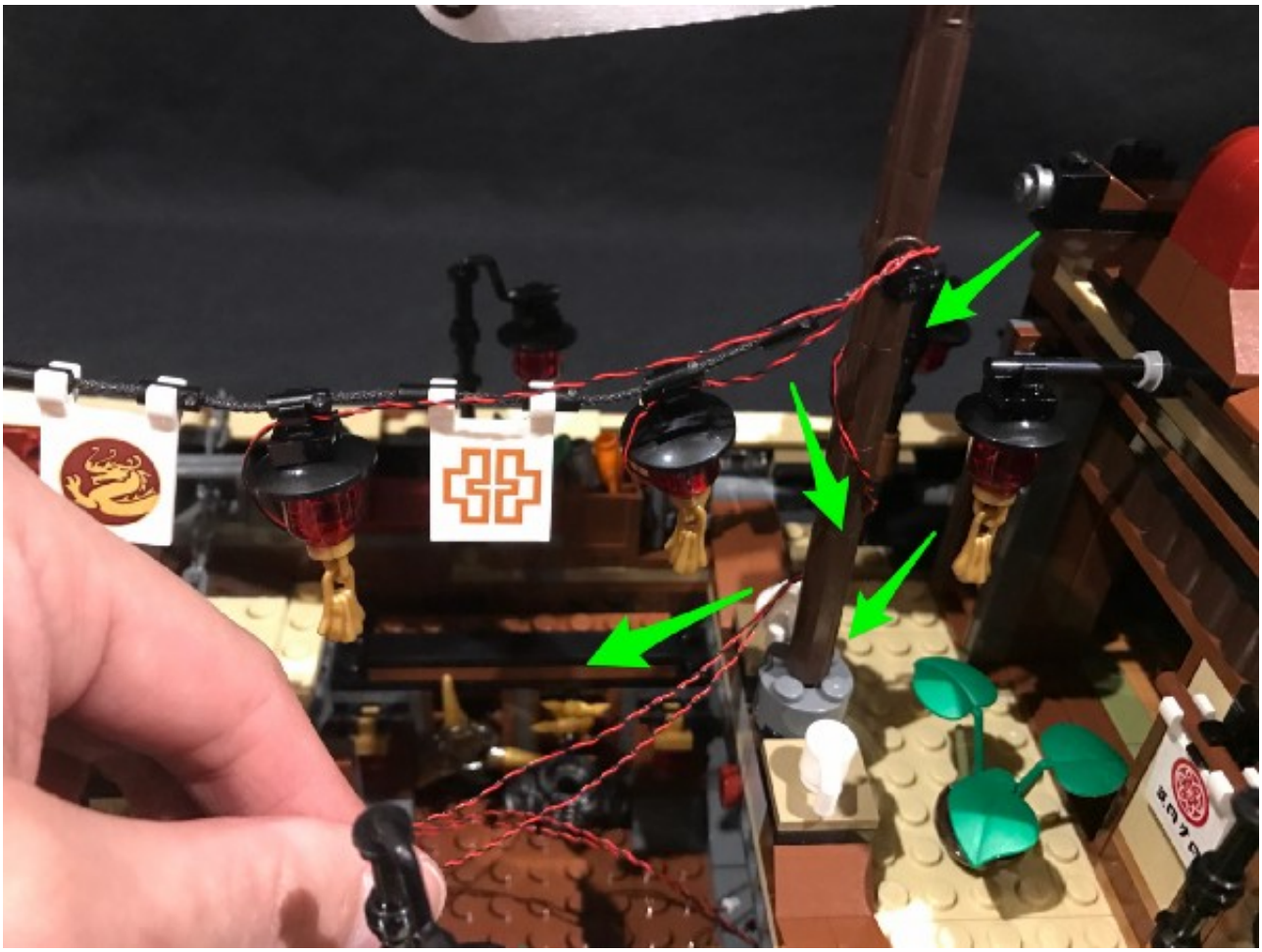


The cable should be laid in between the clip handles.

9.) Twist the two cables together to form one larger cable and then follow the below images to wind the cable around the mast and then pull toward the inside of the bottom deck.



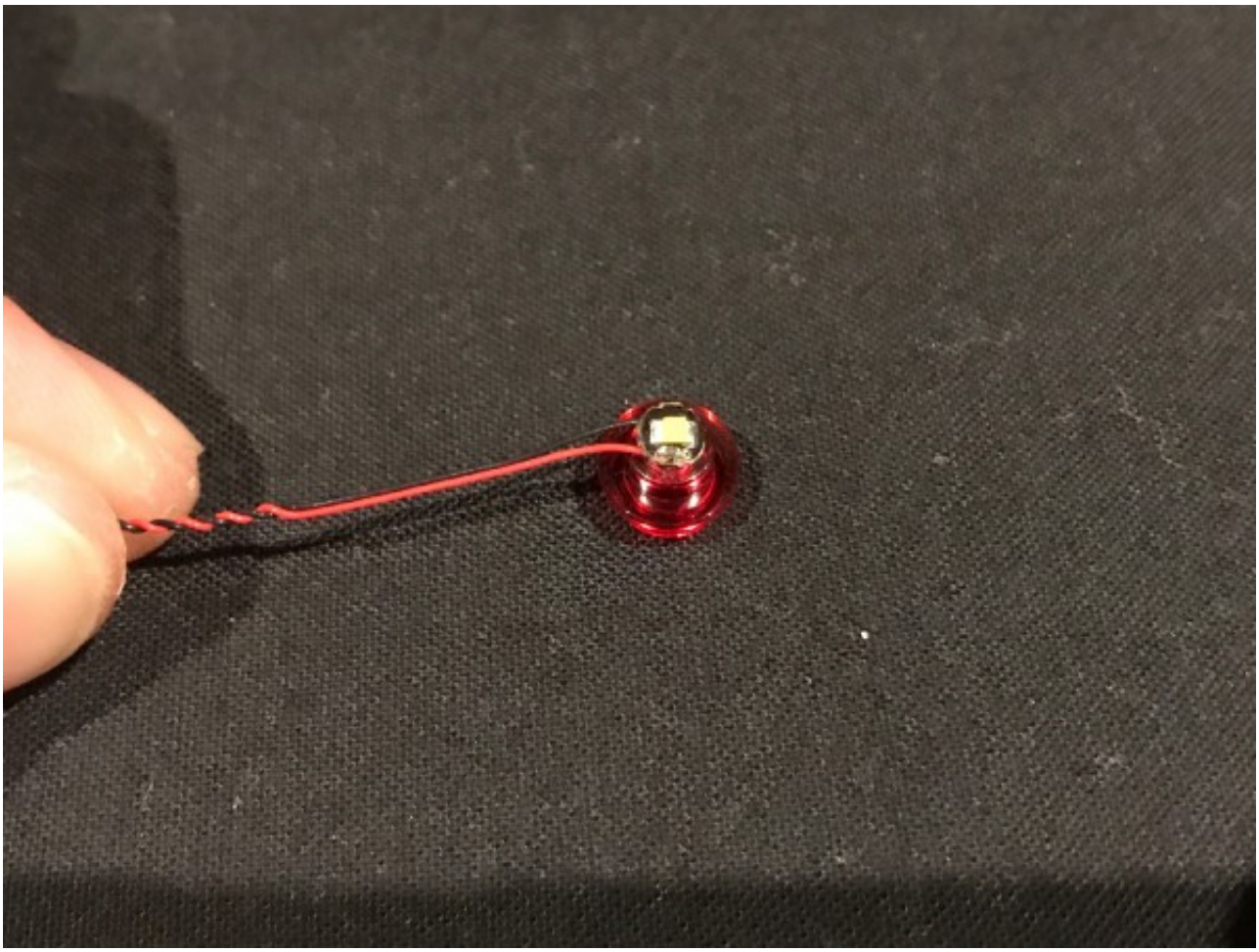


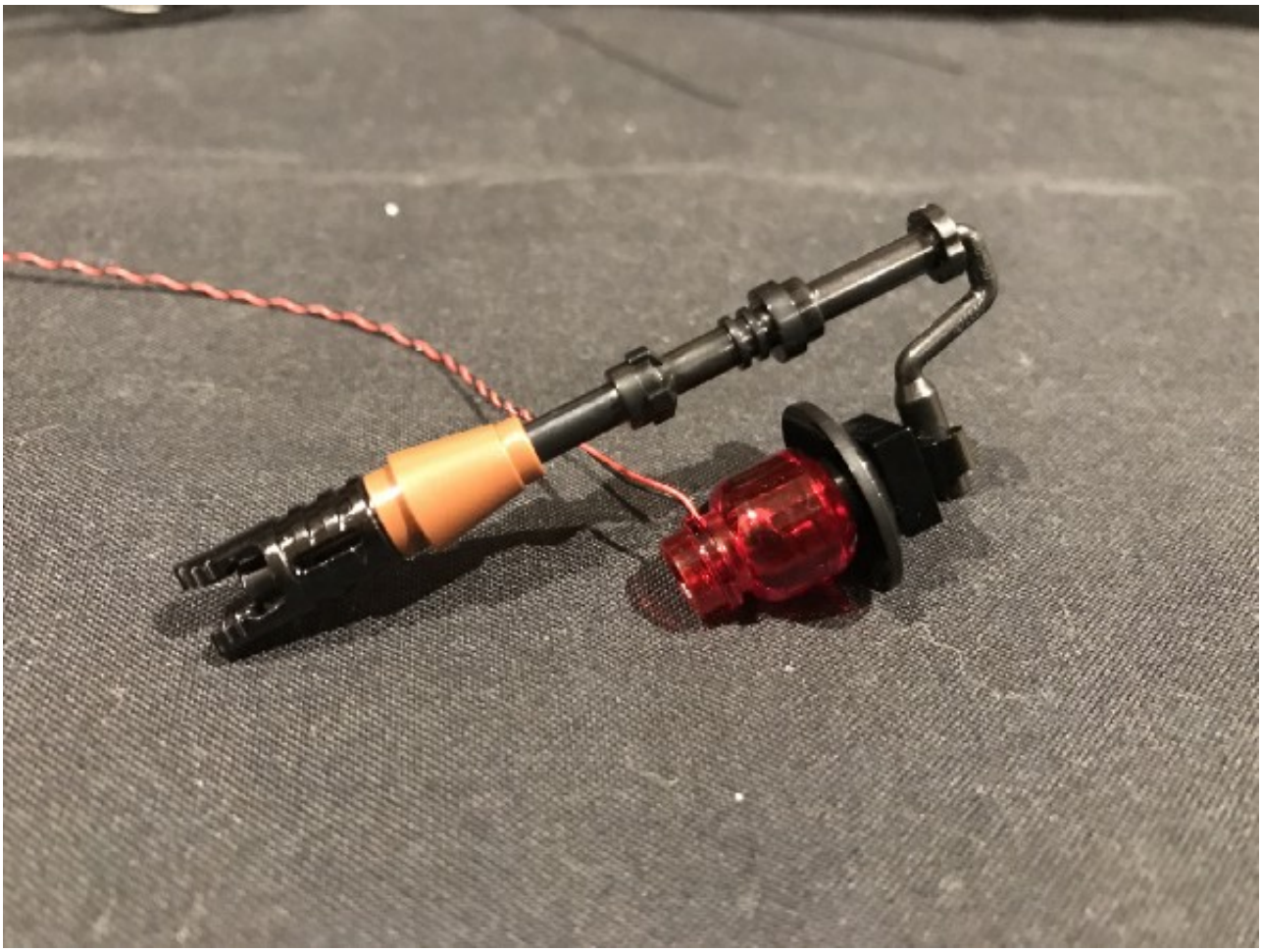


Secure this cable by laying it underneath the table with the mug on it ensuring the cable is laid neatly in between studs underneath.

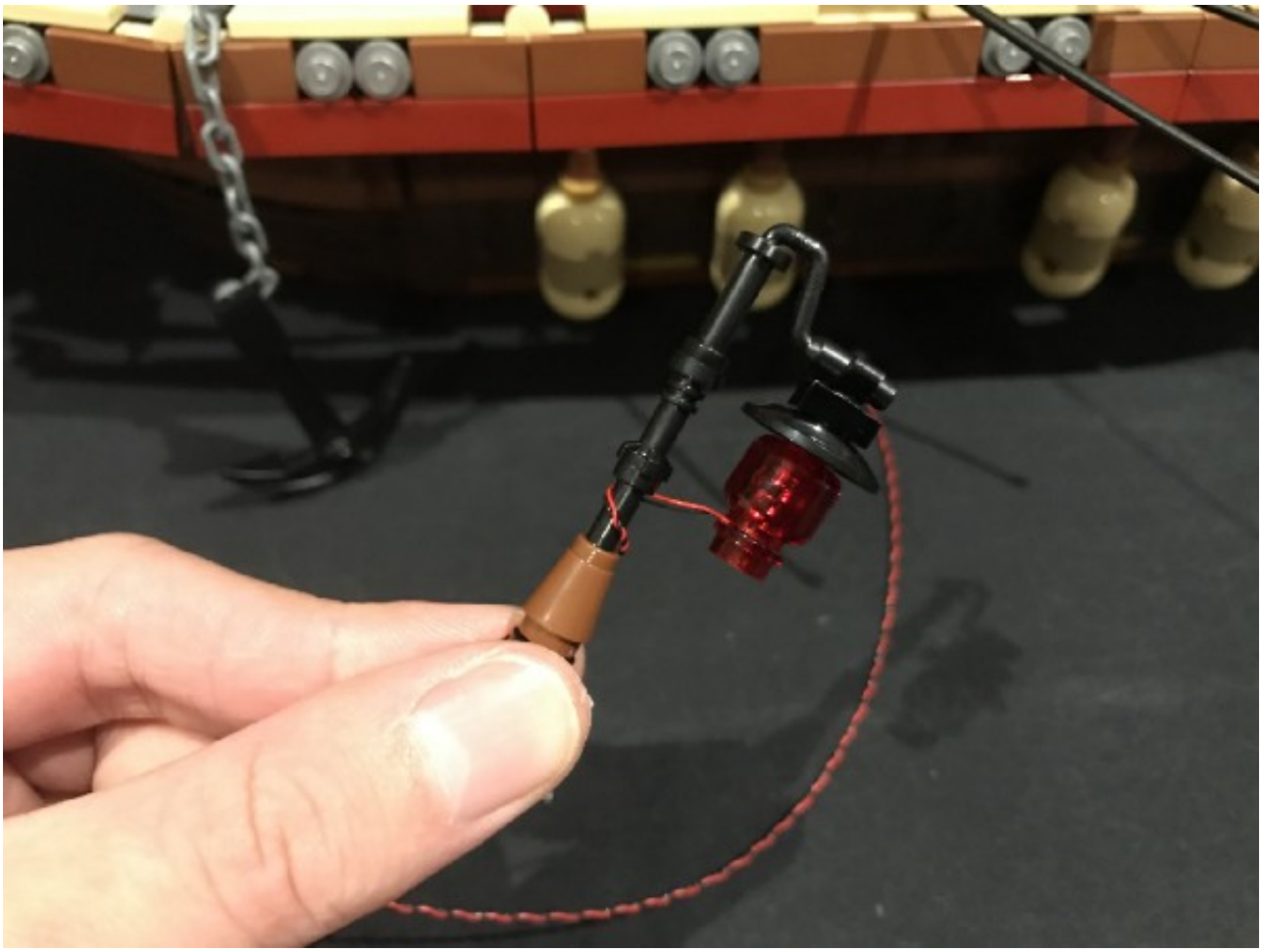
10.) We will now install lights to the lanterns on the sides of the boat (2 each side). First remove the first section at the base of it's pole and then locate one of the **provided Trans Red Round Plates**.

Take a **White 30cm Bit Light** and place it directly over the top of the trans red round plate. Secure the light in pace by connecting this piece up inside the trans red lantern piece ensuring the cable is facing toward the pole as per below.

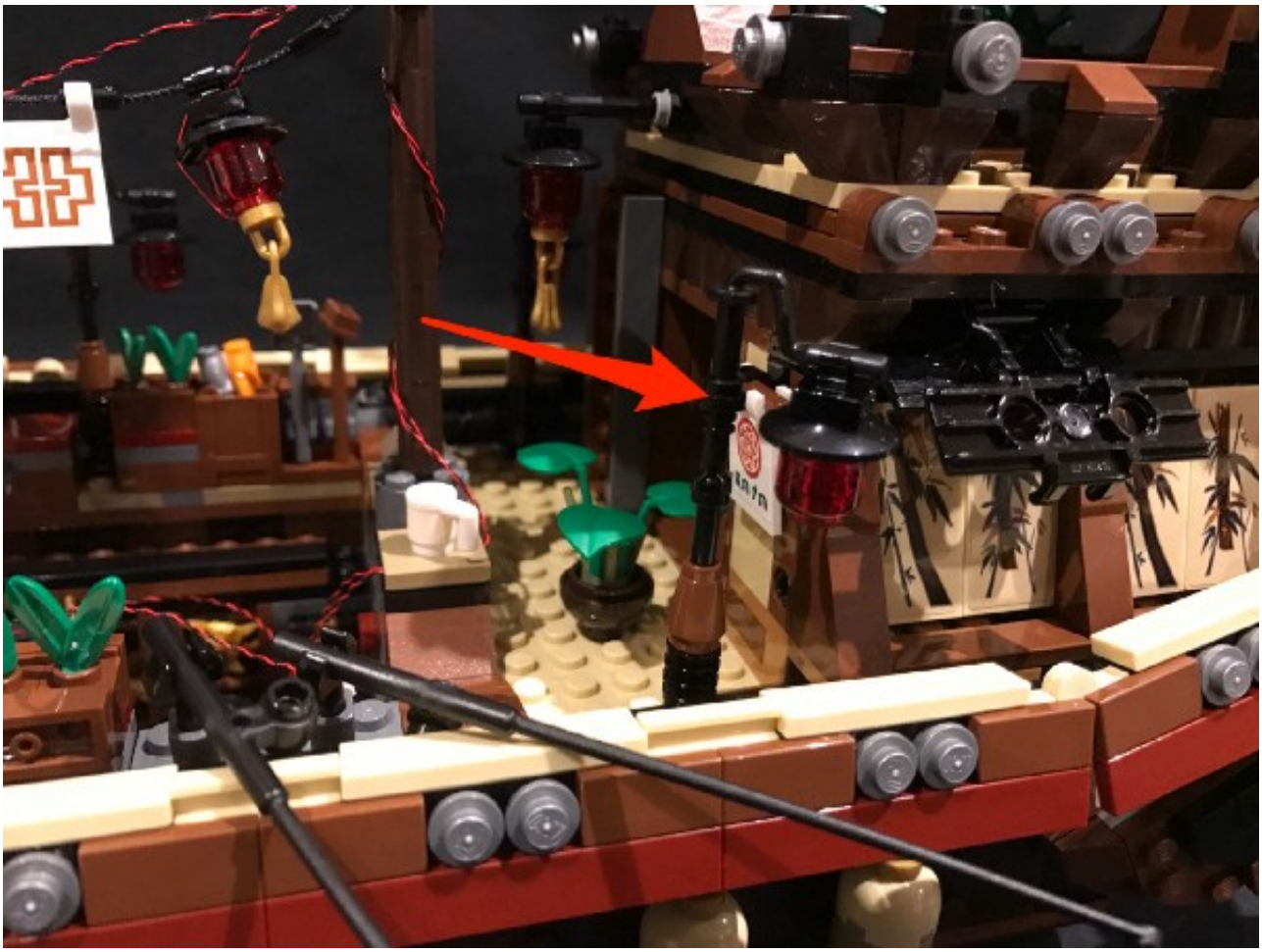


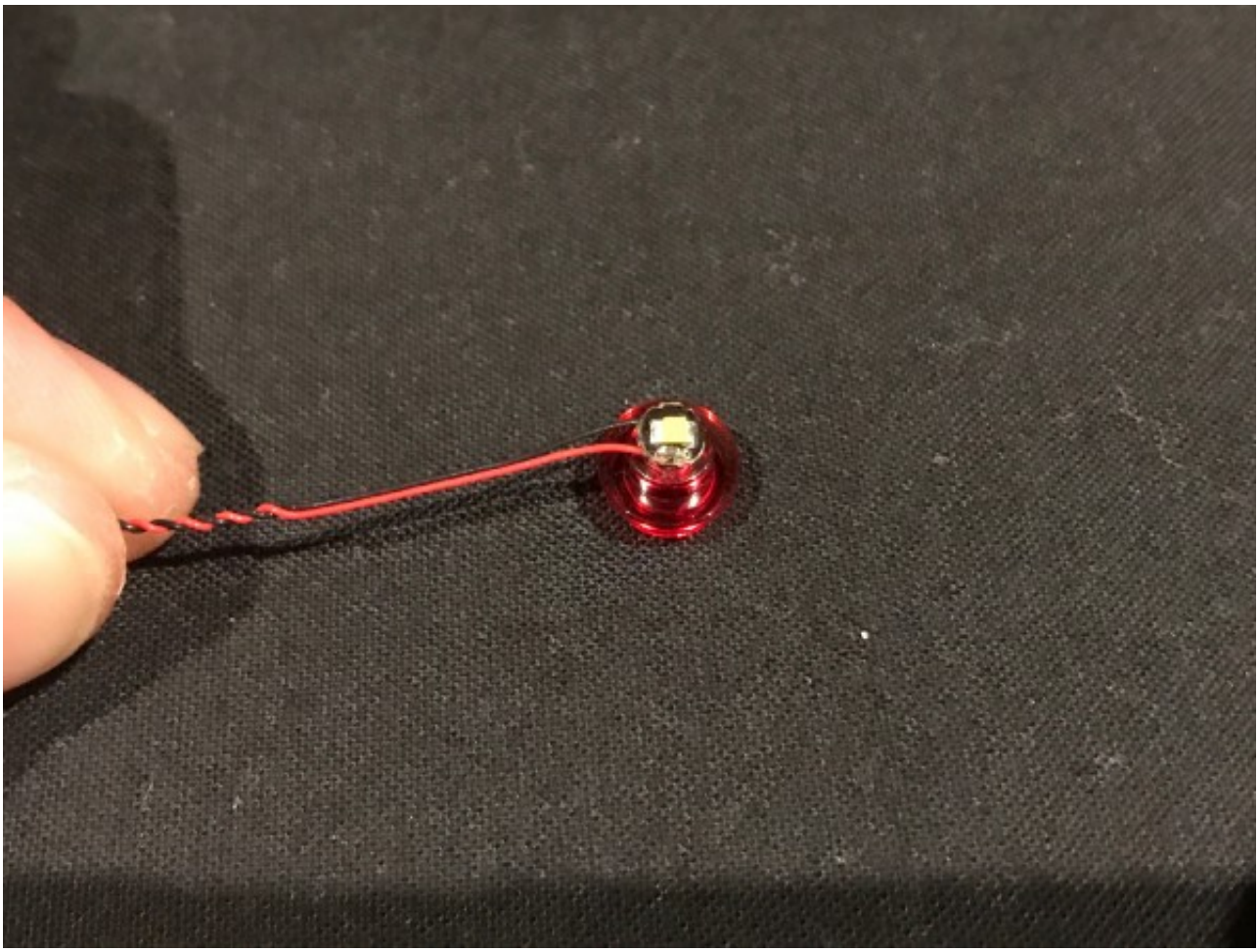


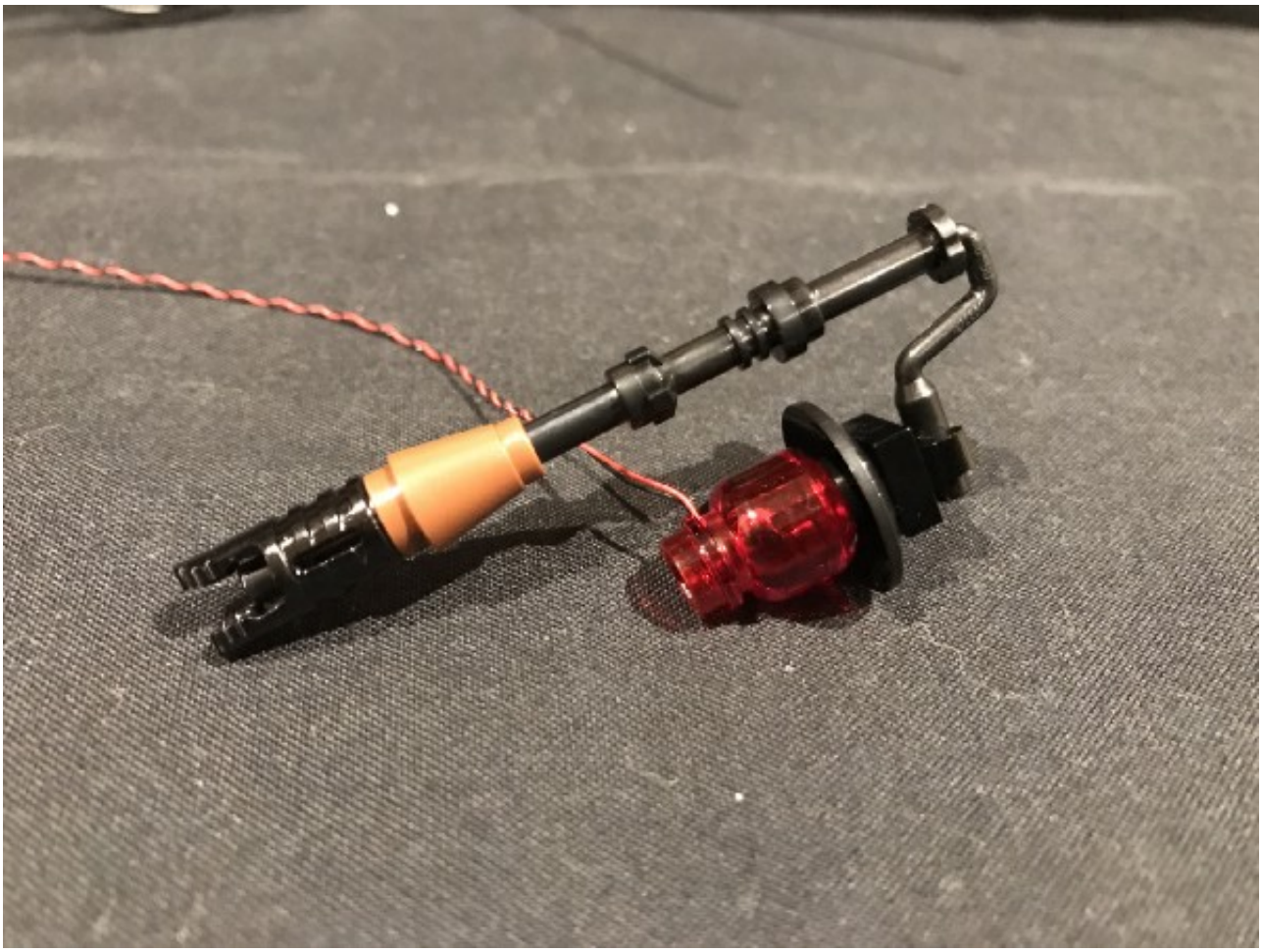
Wind the cable around the pole and then reconnect this section to the side of the boat.



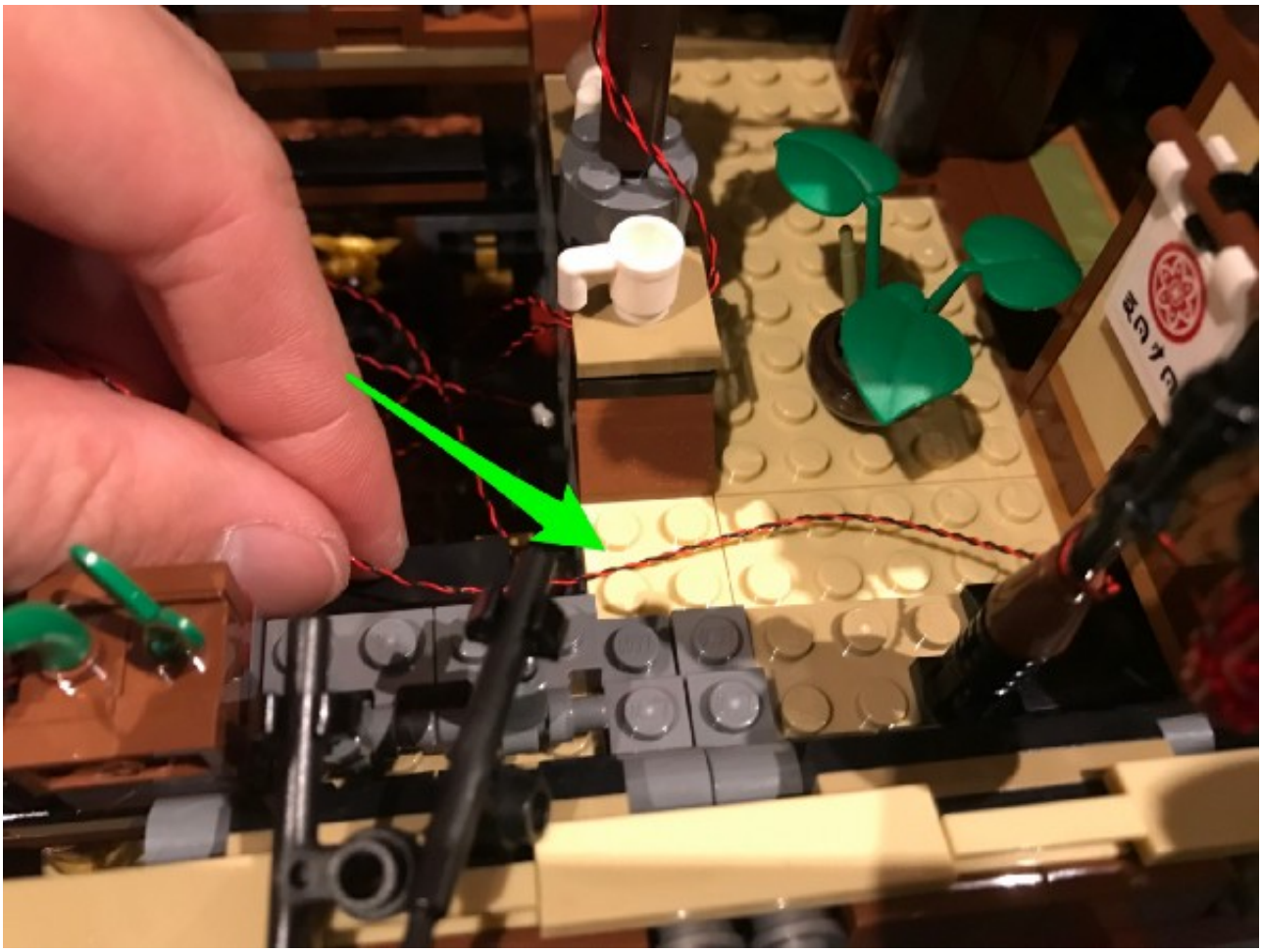
Repeat this process to install a light to the other lantern using another **White 30cm Bit Light** and provided **Trans Red Round Plate.**

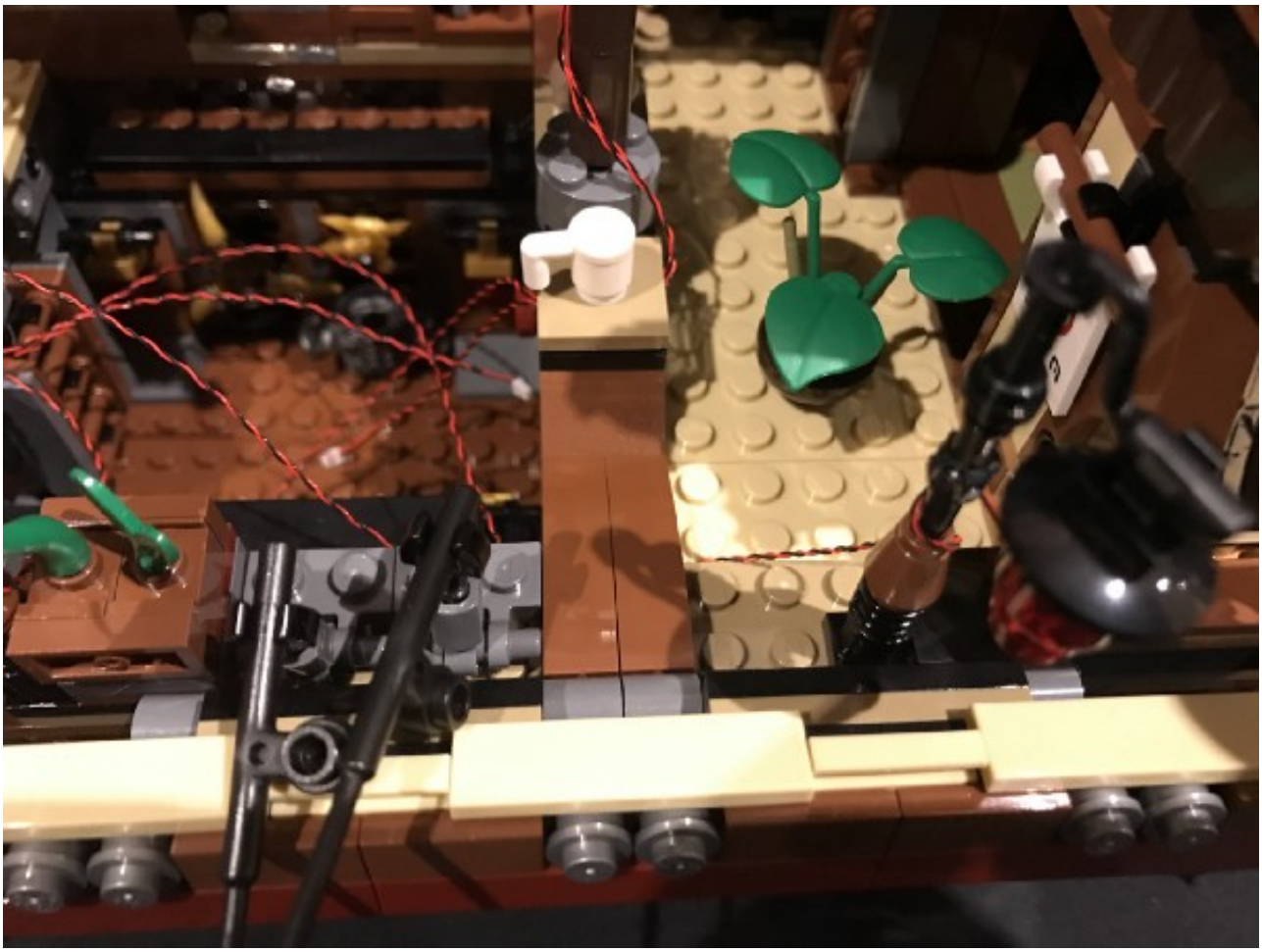




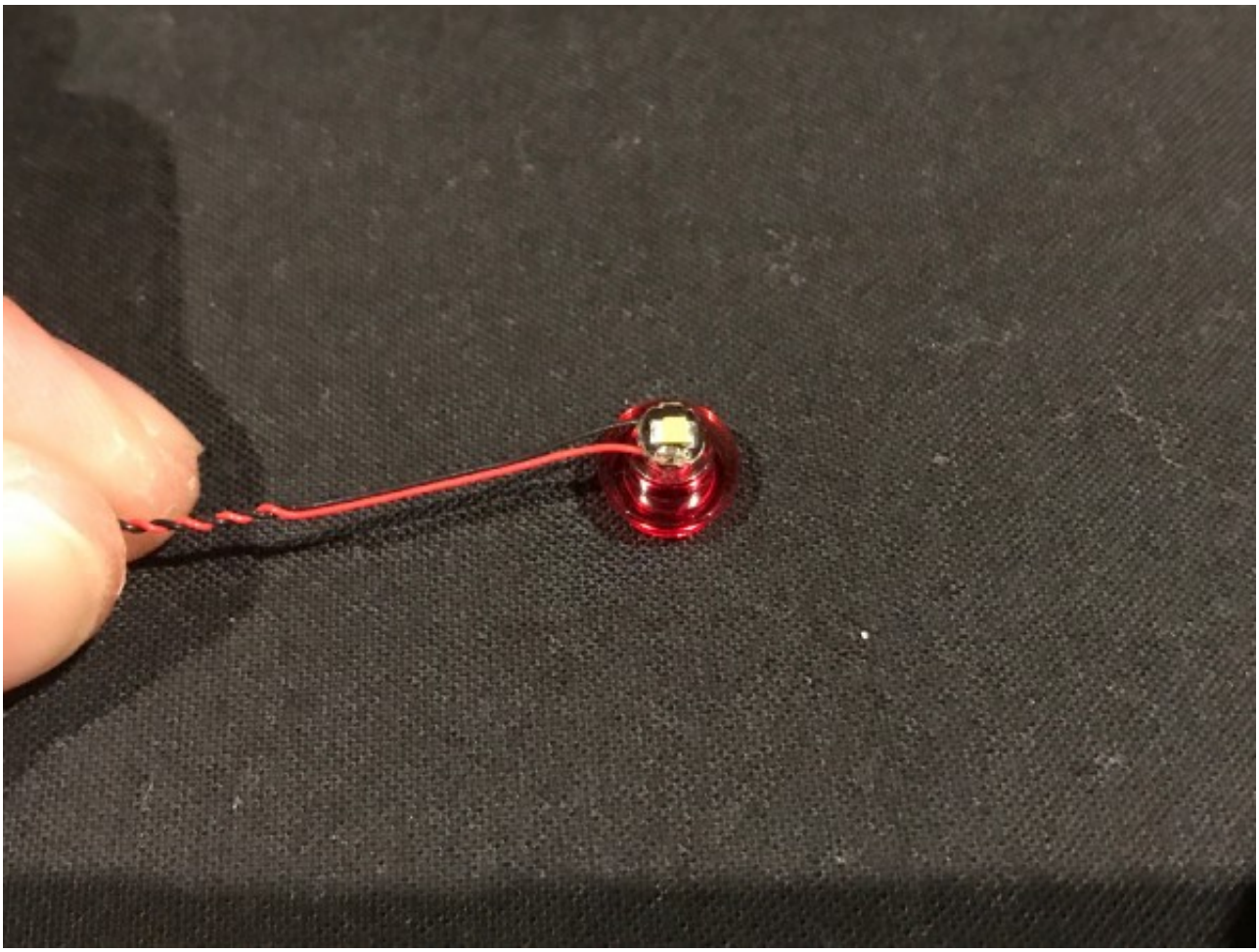


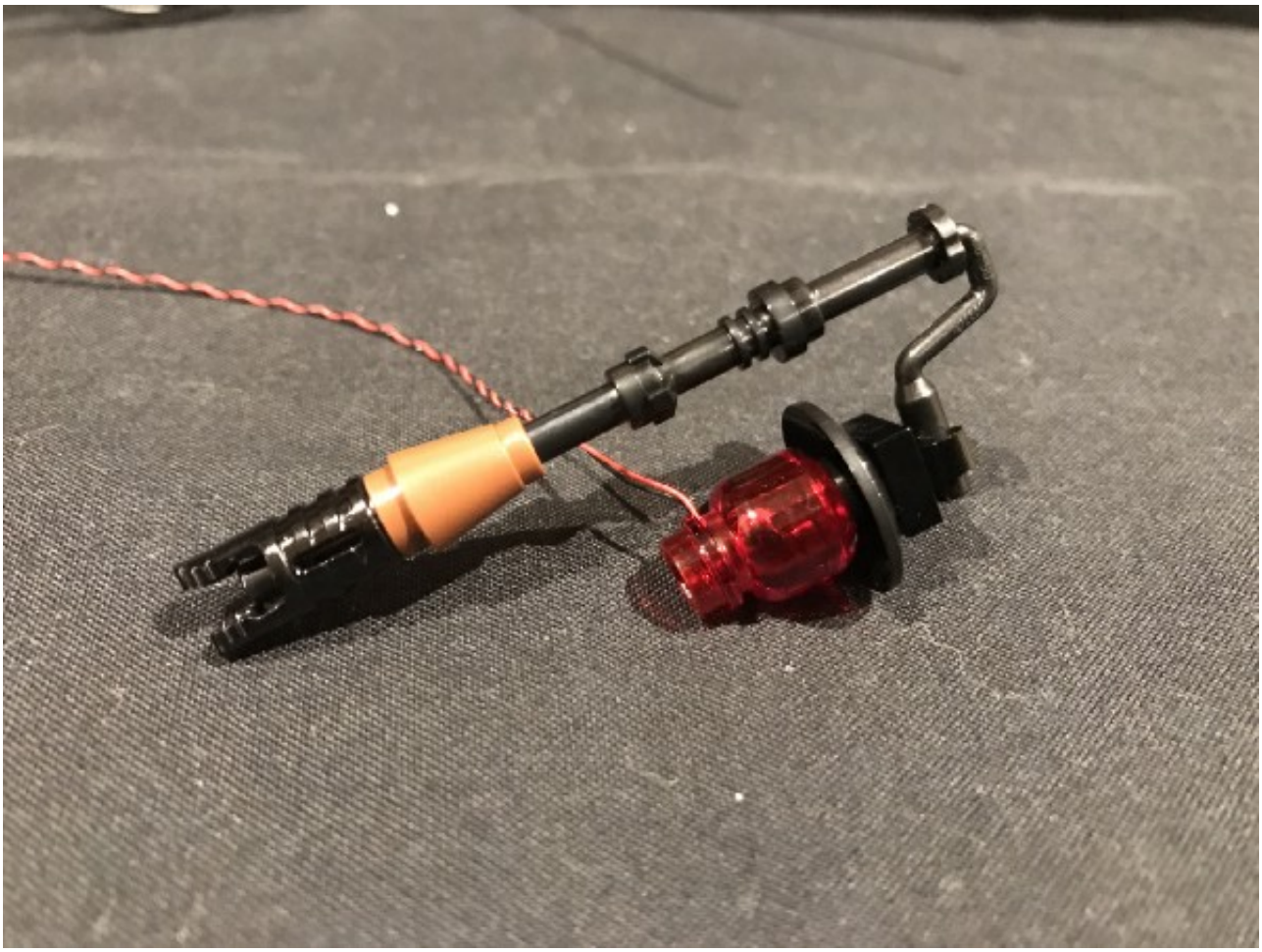
11.) Lay the cable from this lantern we just installed underneath the brown LEGO tile pieces ensuring the cable is laid in between studs underneath as per below



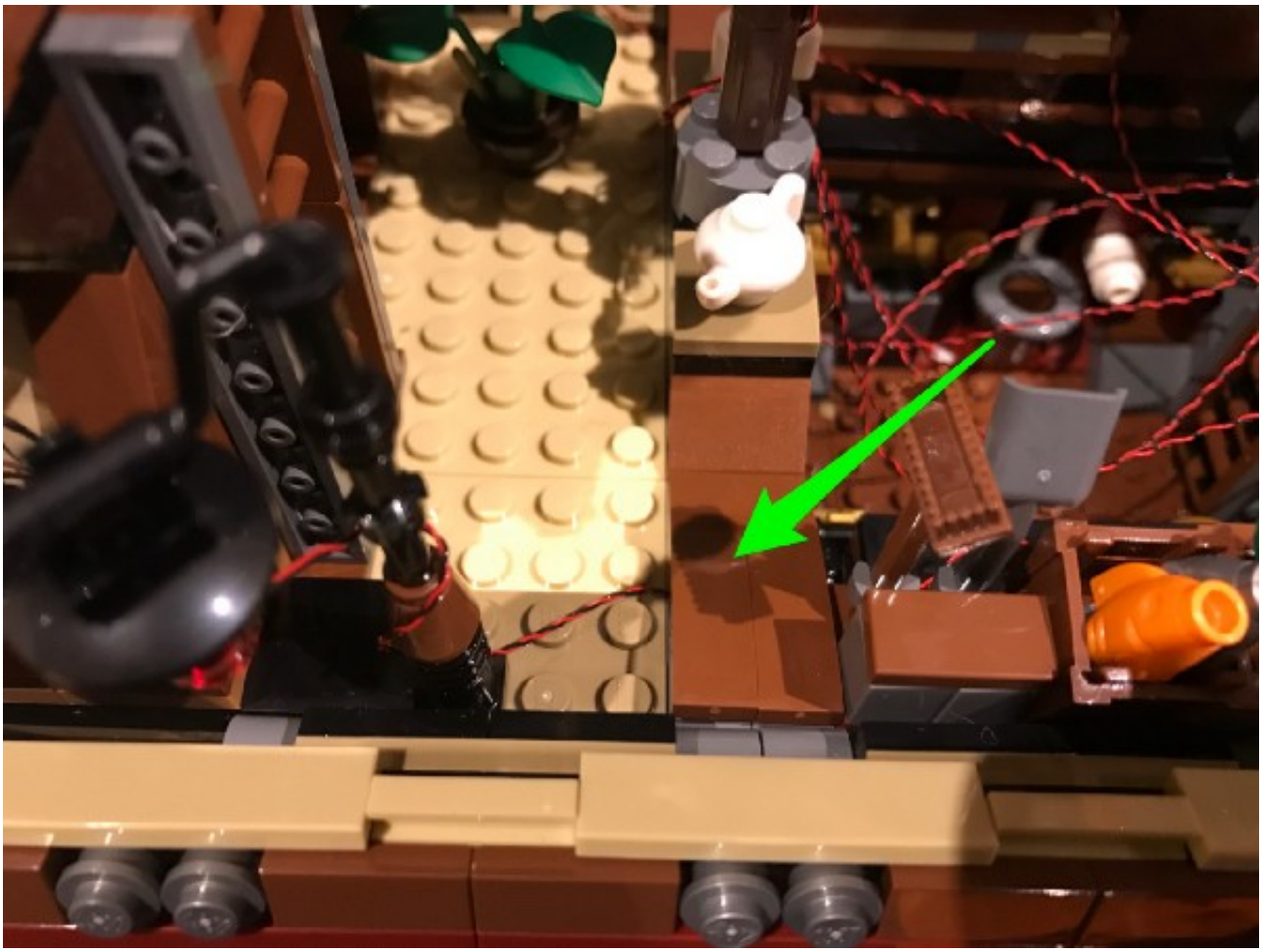


12.) Turn the ship around to install lights to the other 2 lanterns on the other side using another **2x White 30cm Bit Lights and 2x Provided Trans Red Round Plates.**

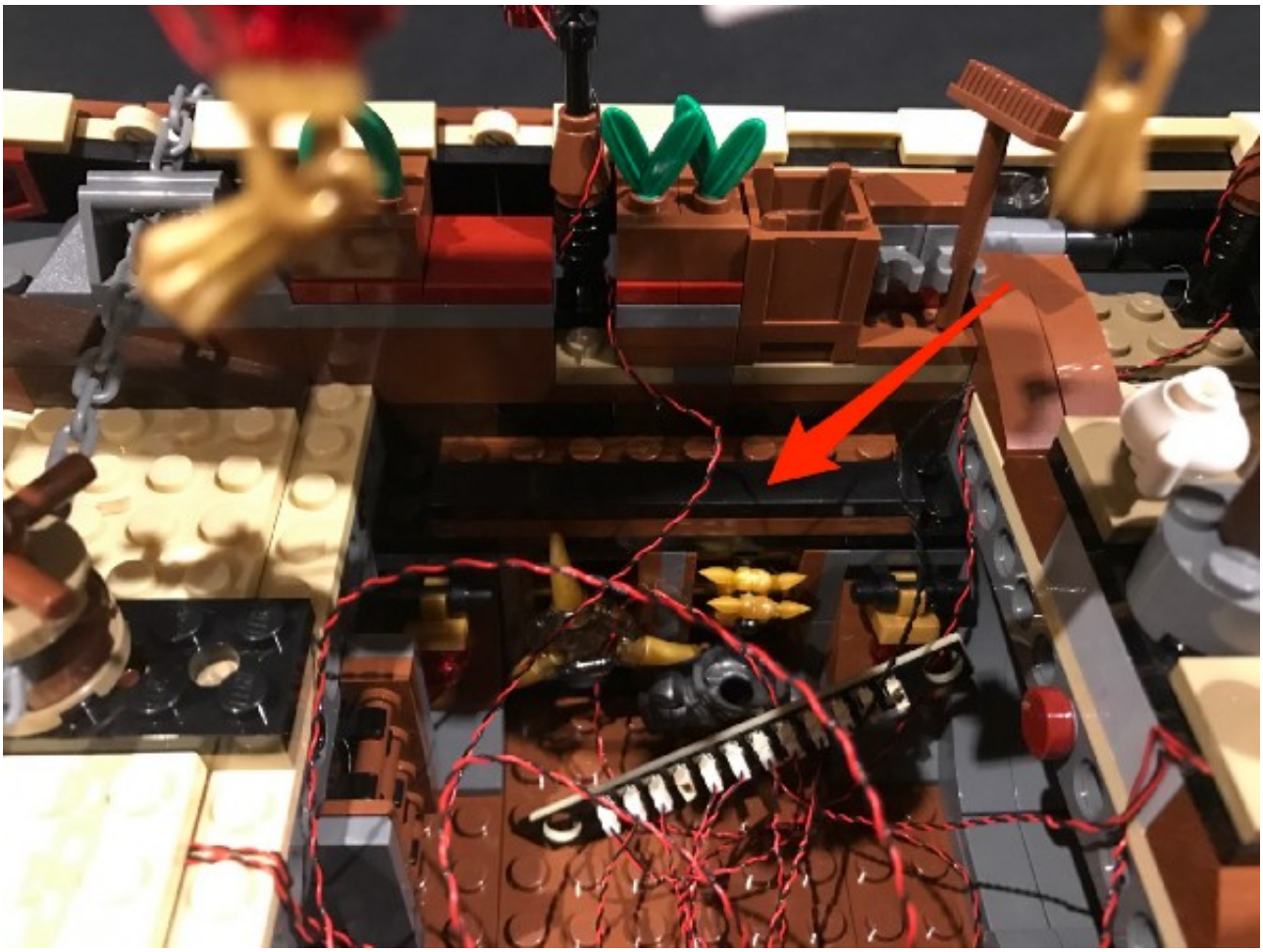


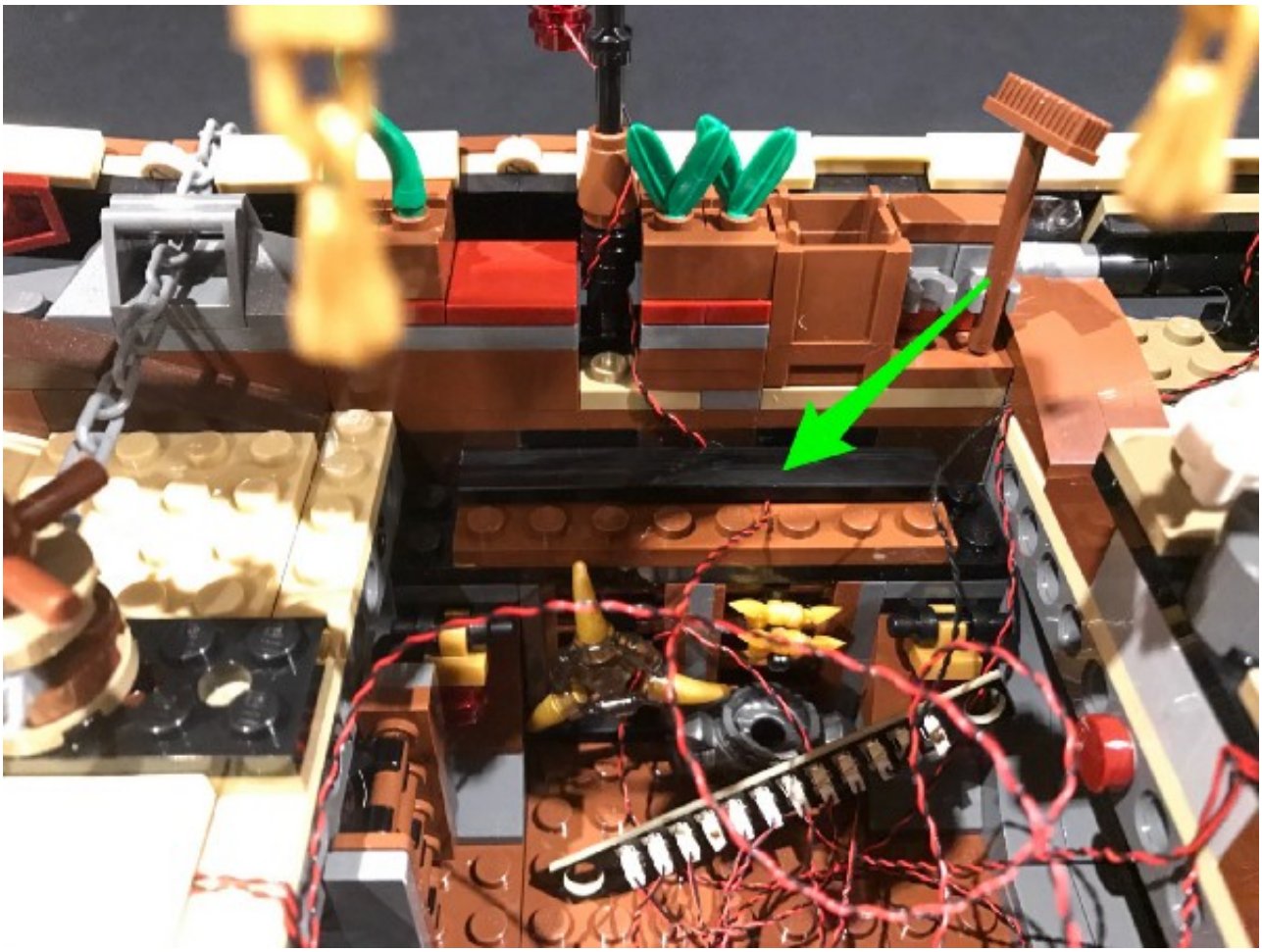


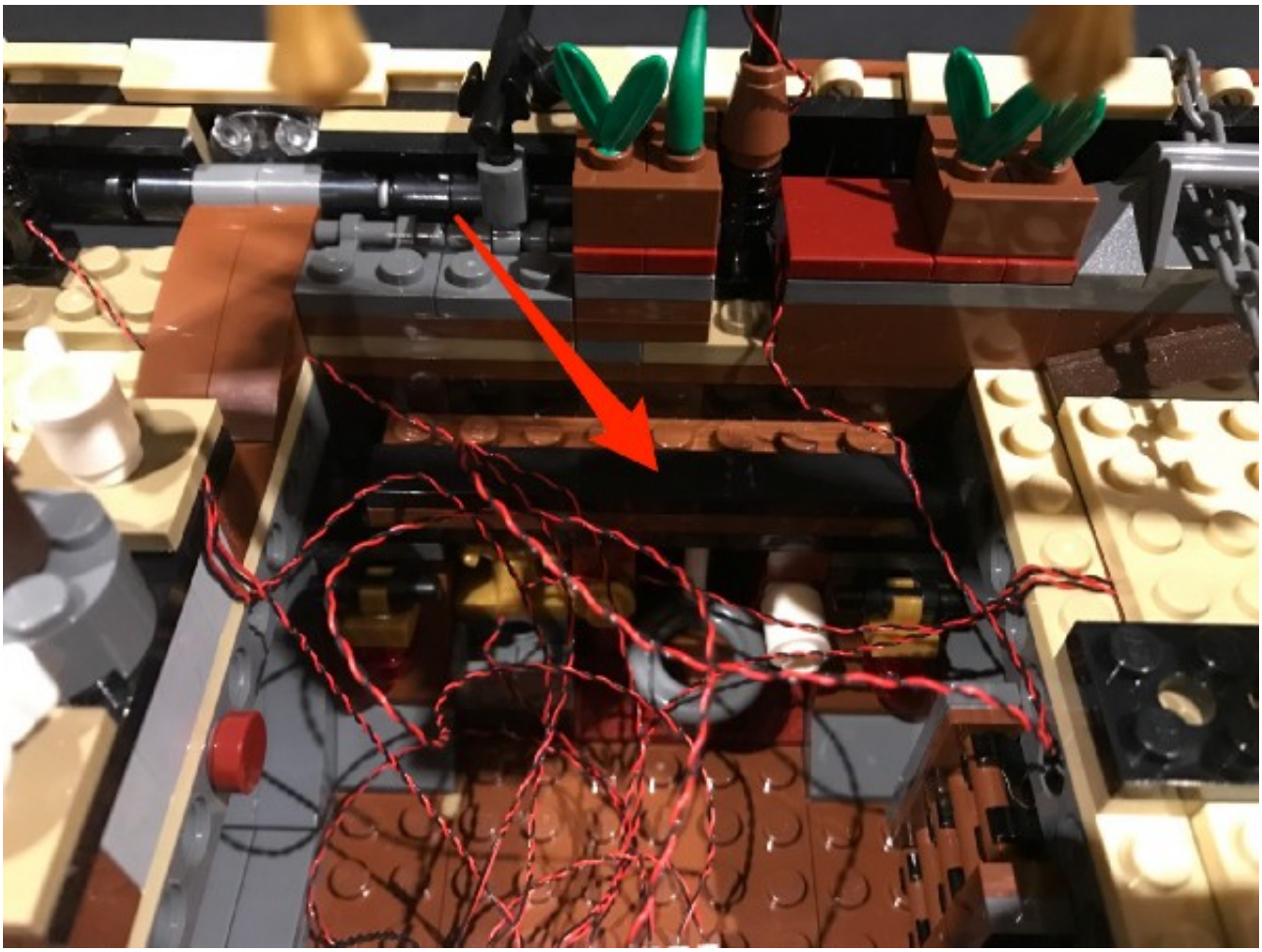
Lay the cable for the left lantern underneath the two brown LEGO tile pieces as per below:

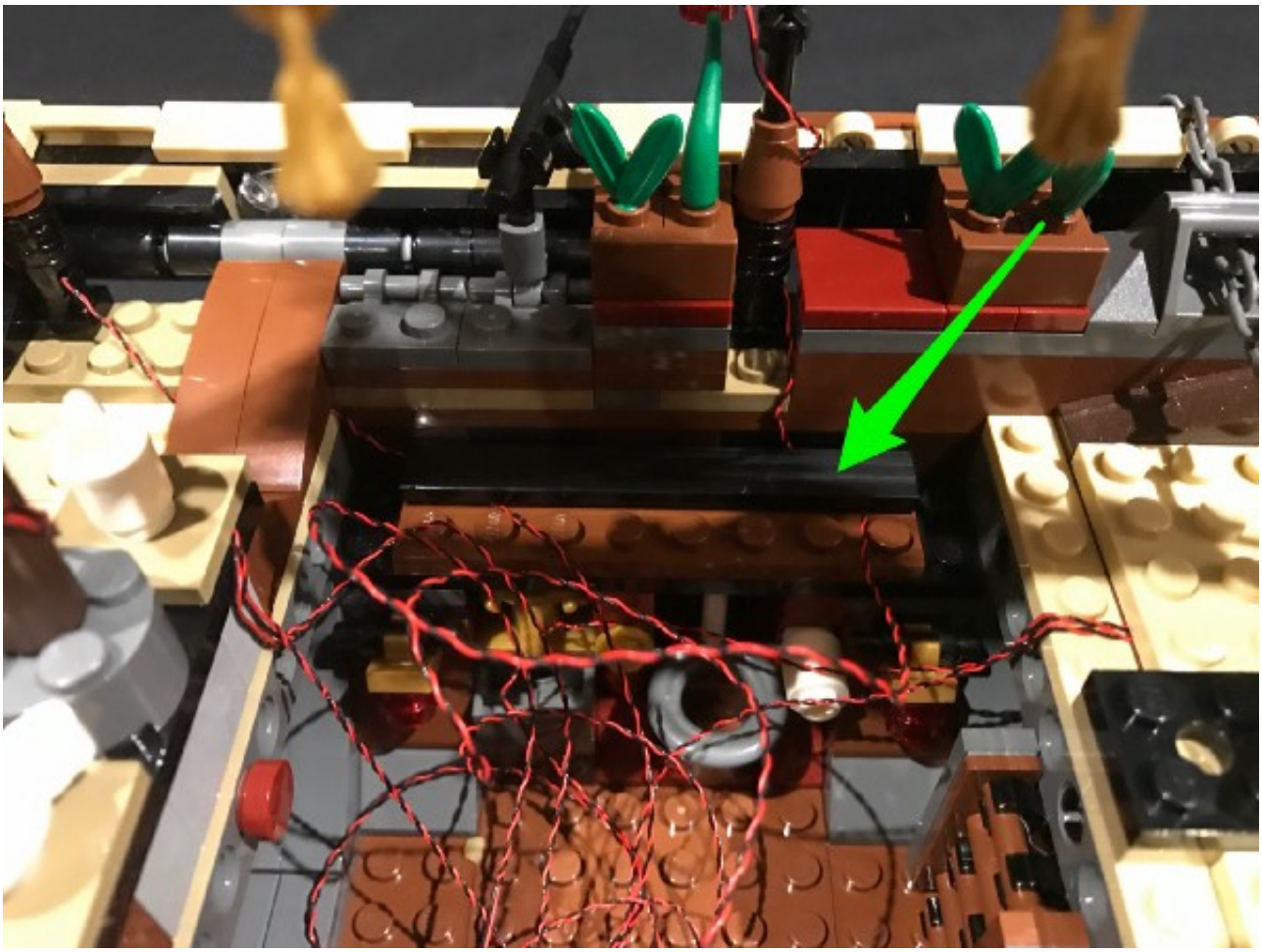


13.) Secure the cables for the other two lanterns underneath the black 1×8 tile by first disconnecting, laying the cable in between studs, and then reconnecting it (over the studs closest to the wall as per below)

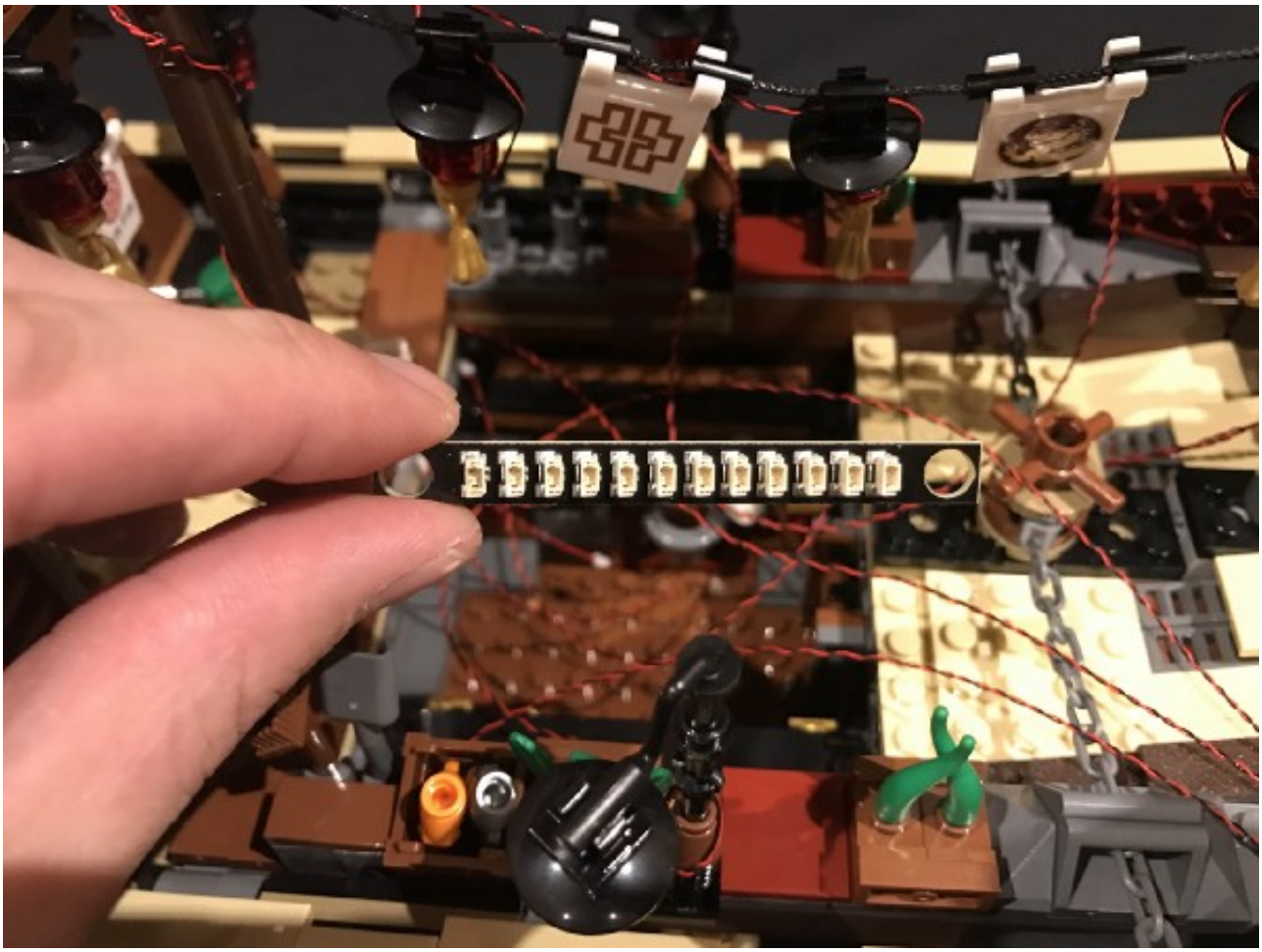


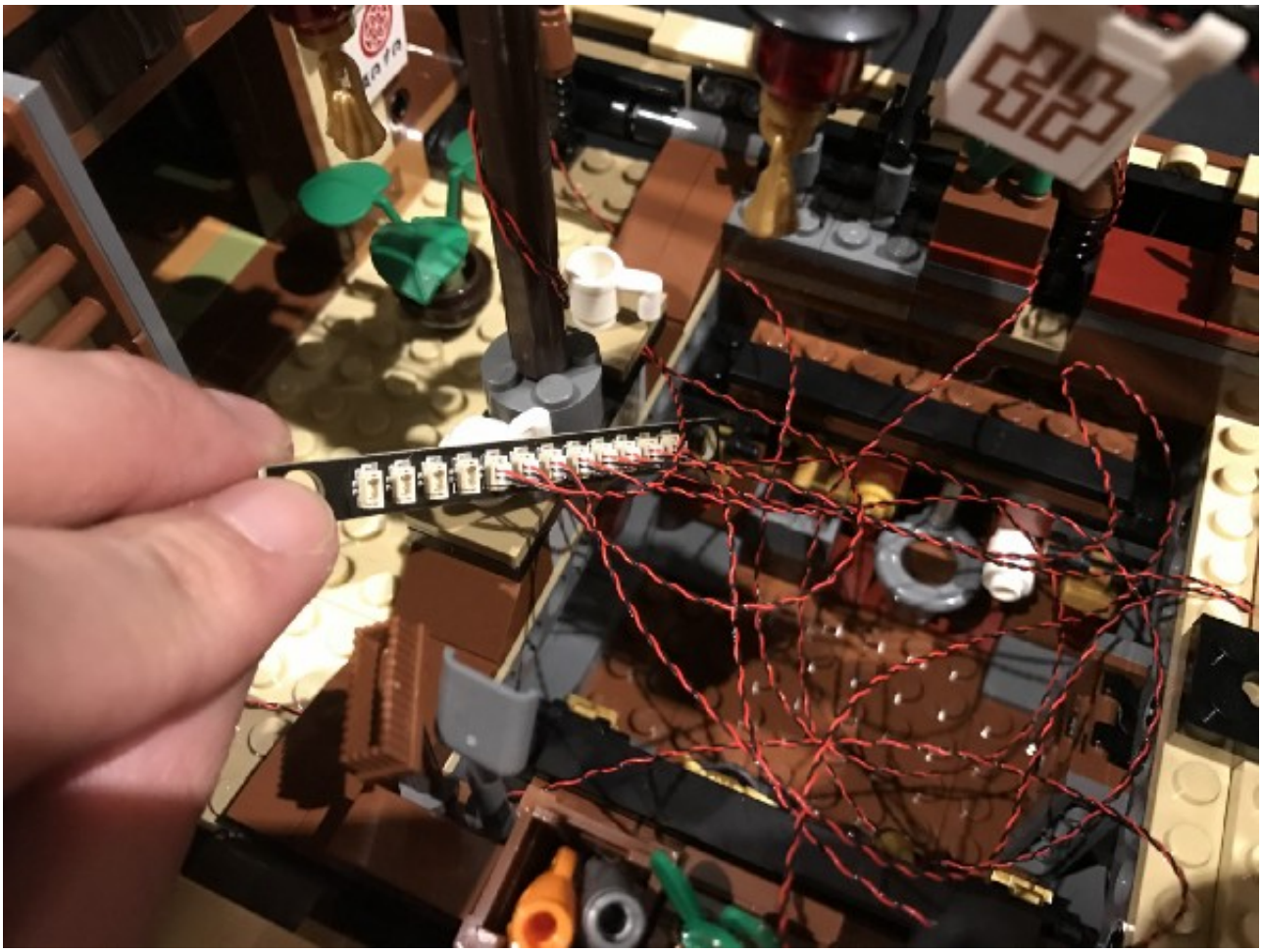




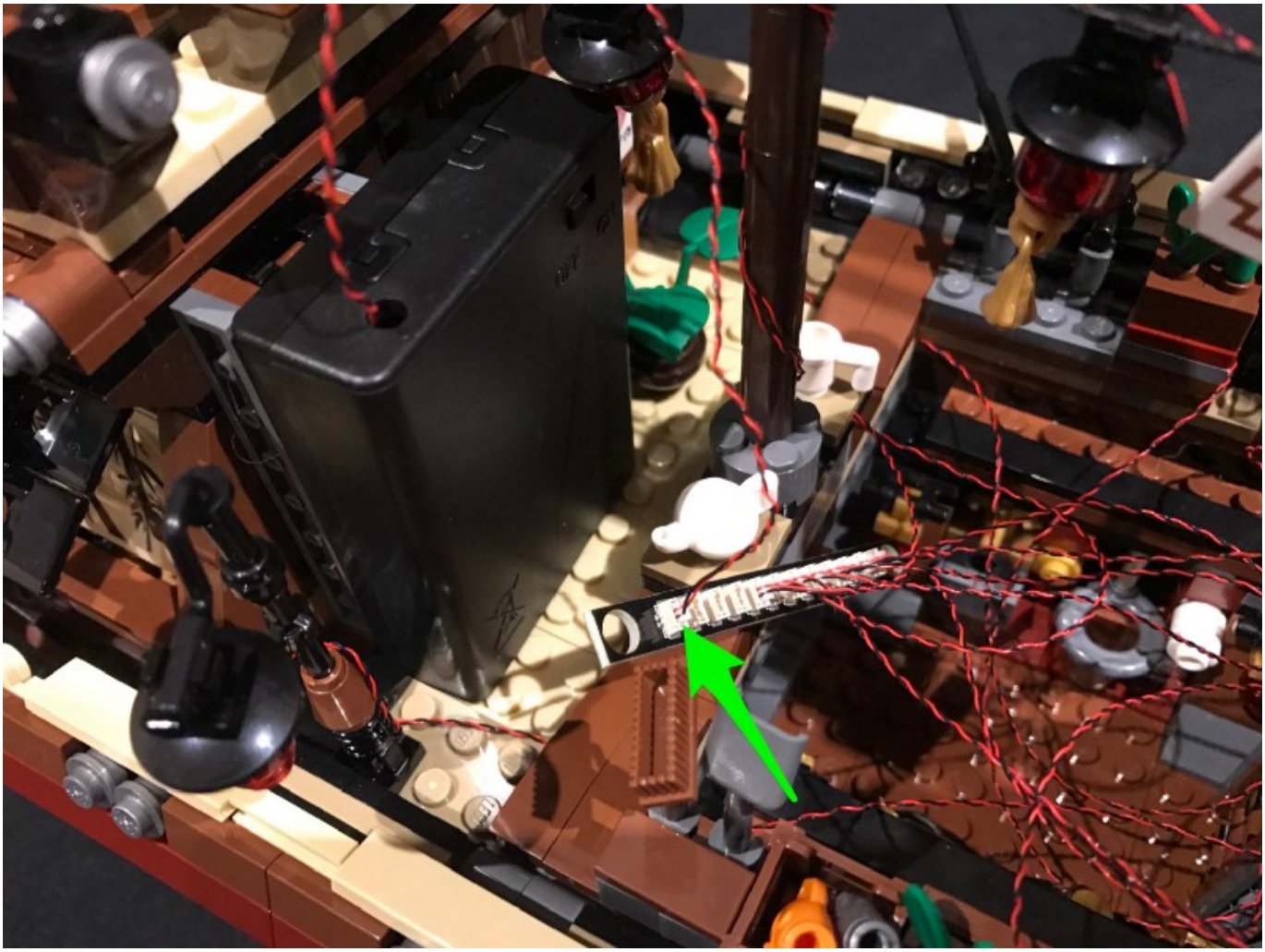


14.) Take a **12-port Expansion Board** and then connect all eight lights to the available ports.



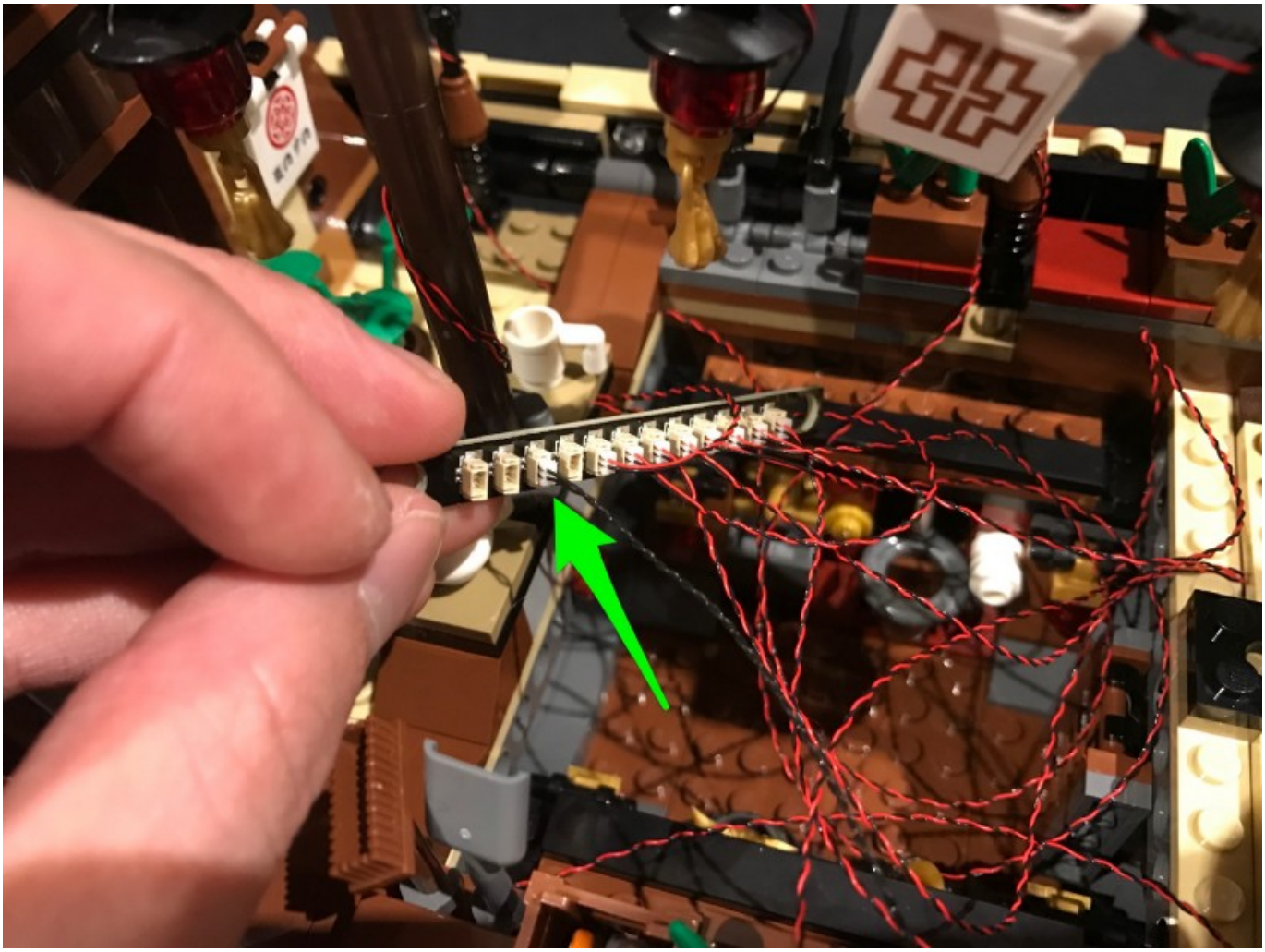


Take this time to test all lights are working ok by taking the the **AA Battery Pack** and inserting 3x AA batteries into it. Take the battery pack cable and connect it to one of the available ports on the expansion board. Turn the switch ON and verify that all lights are working OK.

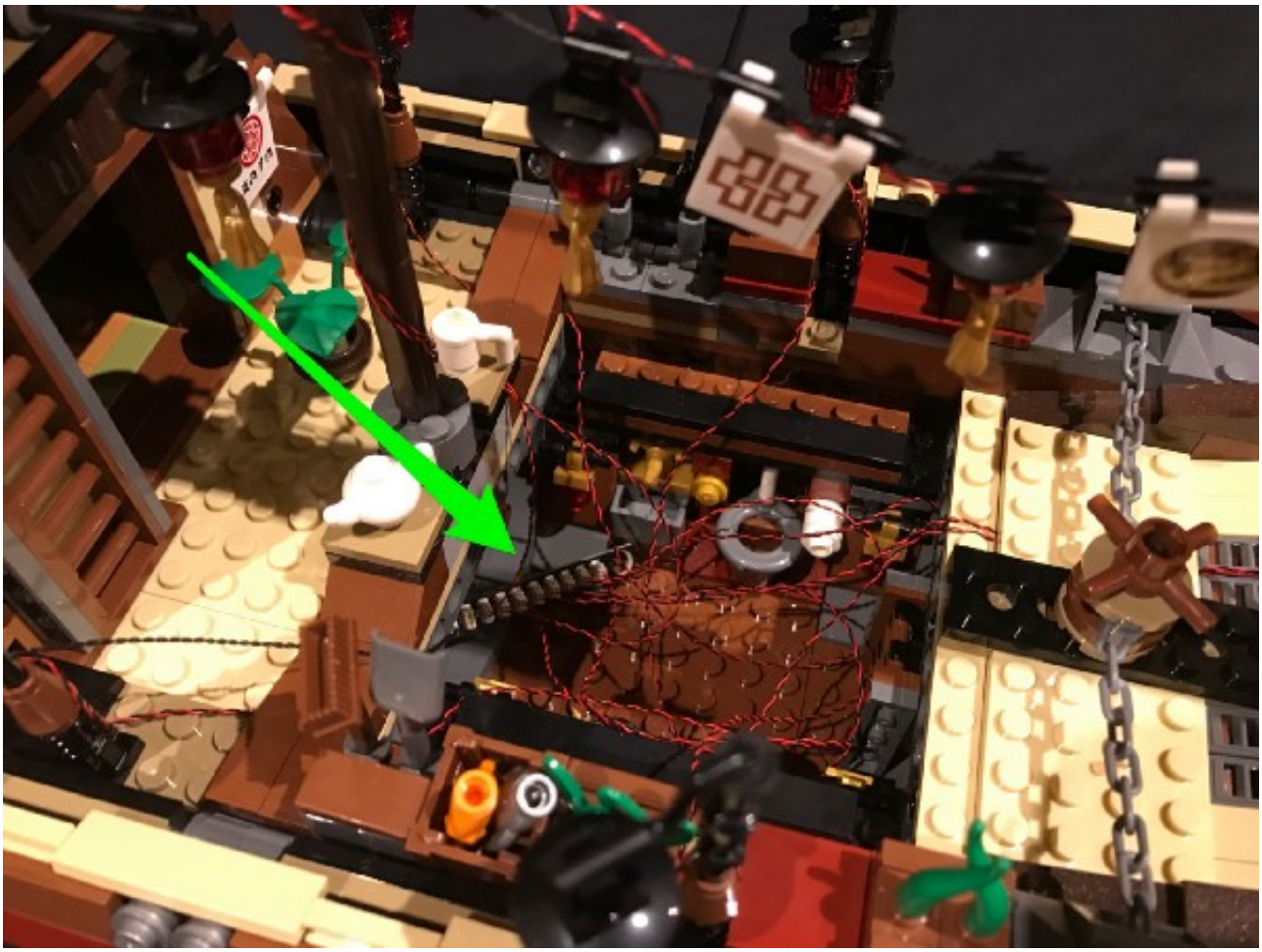


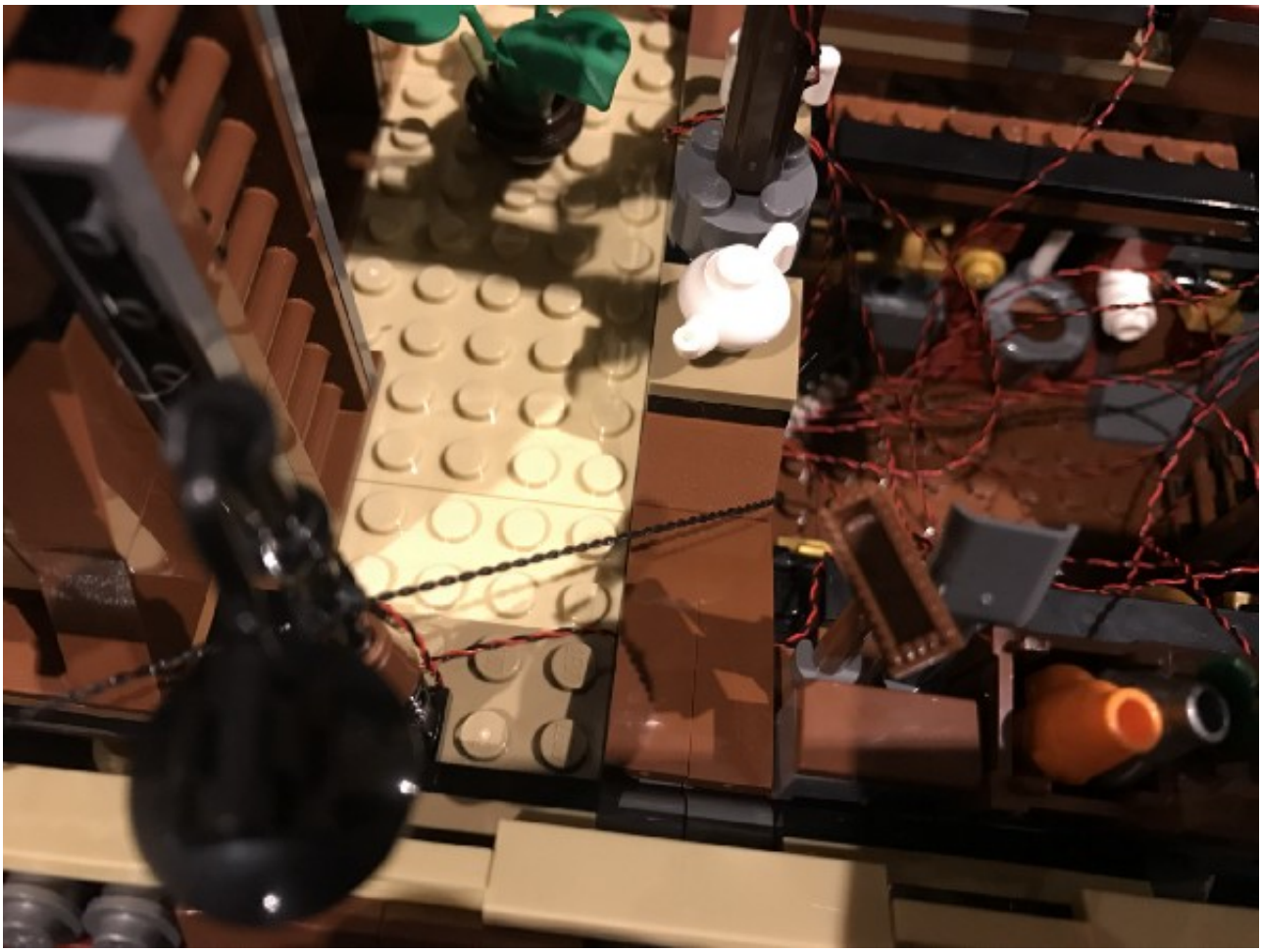
Once you have verified that all lights are working OK, remove the battery pack cable and then proceed to the next step.

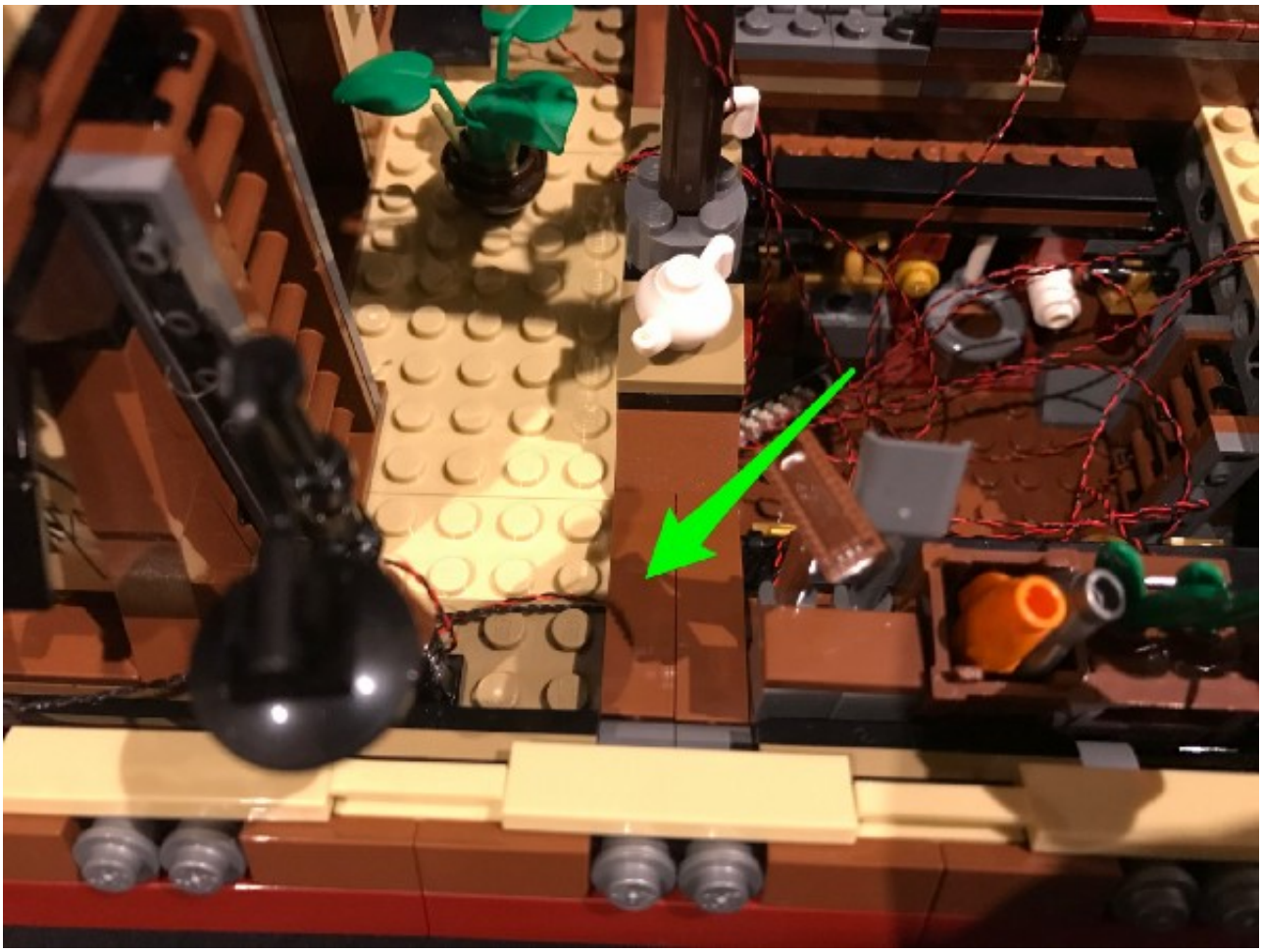
15.) Take a **30cm Connecting Cable** and connect it to a spare port on the 12-port expansion board.



Tuck the expansion board and cables down underneath the lower deck and then pull the 30cm connecting cable out and then secure underneath the brown tile pieces (same ones we used to secure the lantern cable)

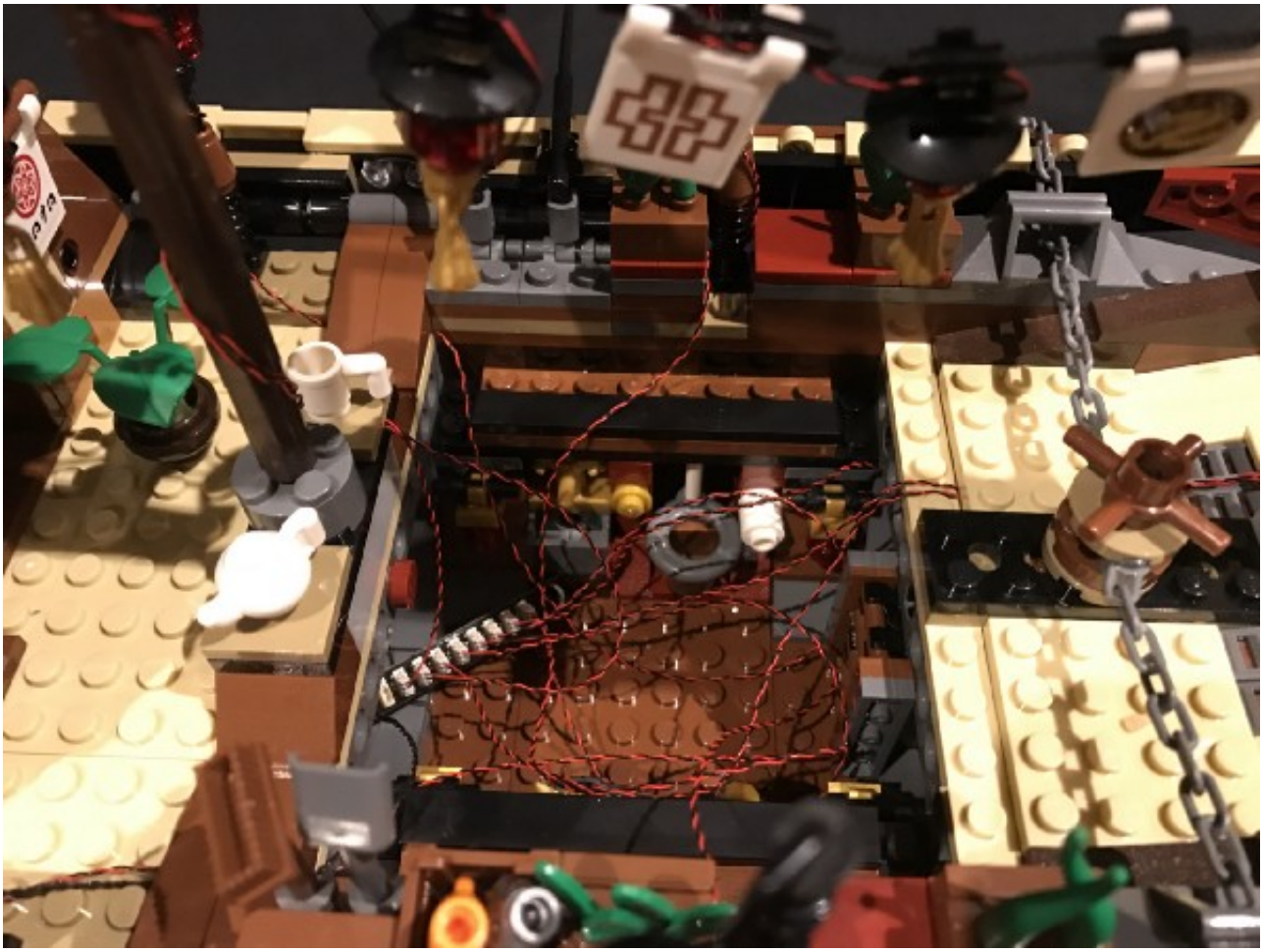






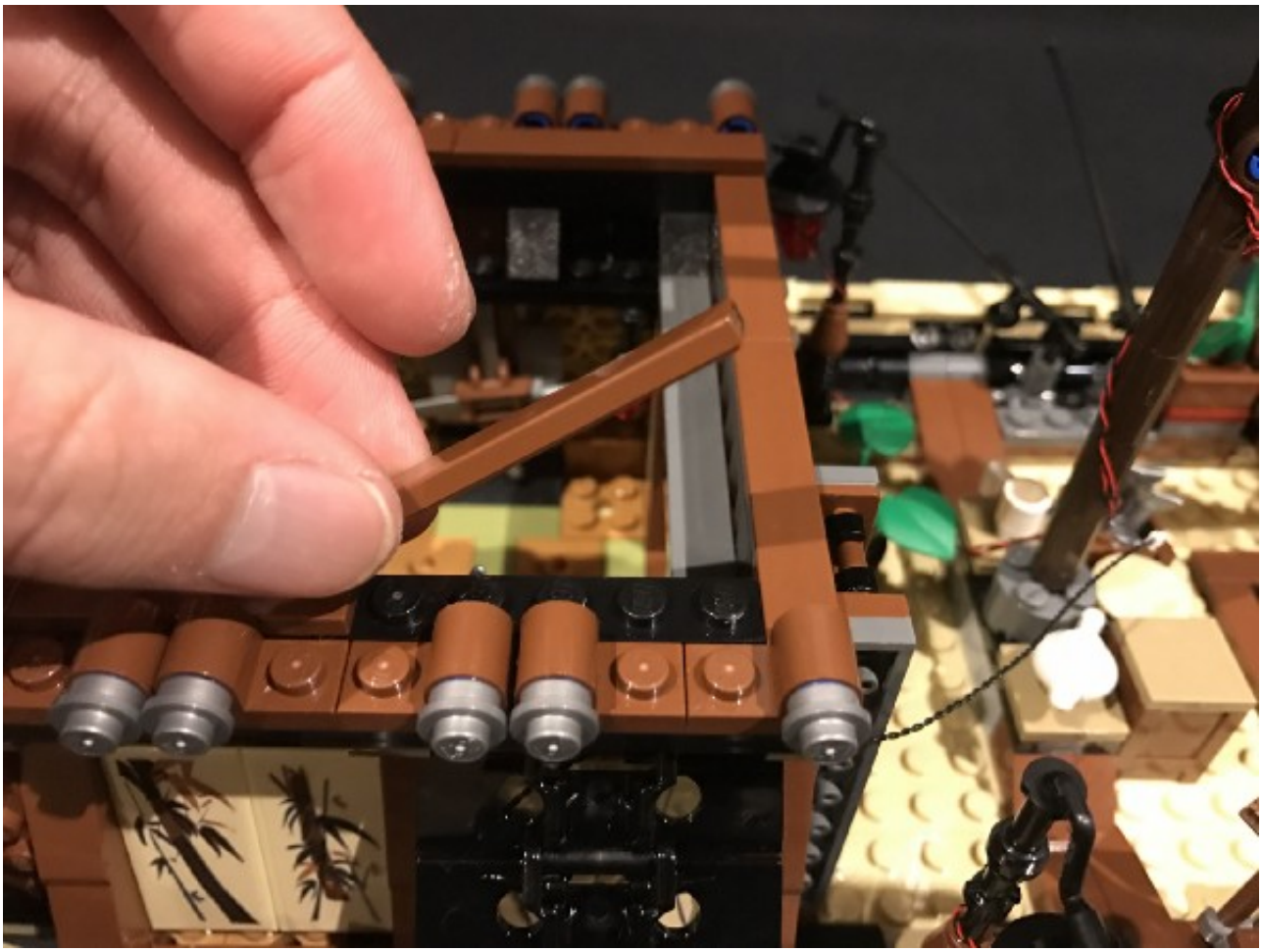
16.) Ensure all cables are well tucked in before reconnecting the section we removed at the very start.

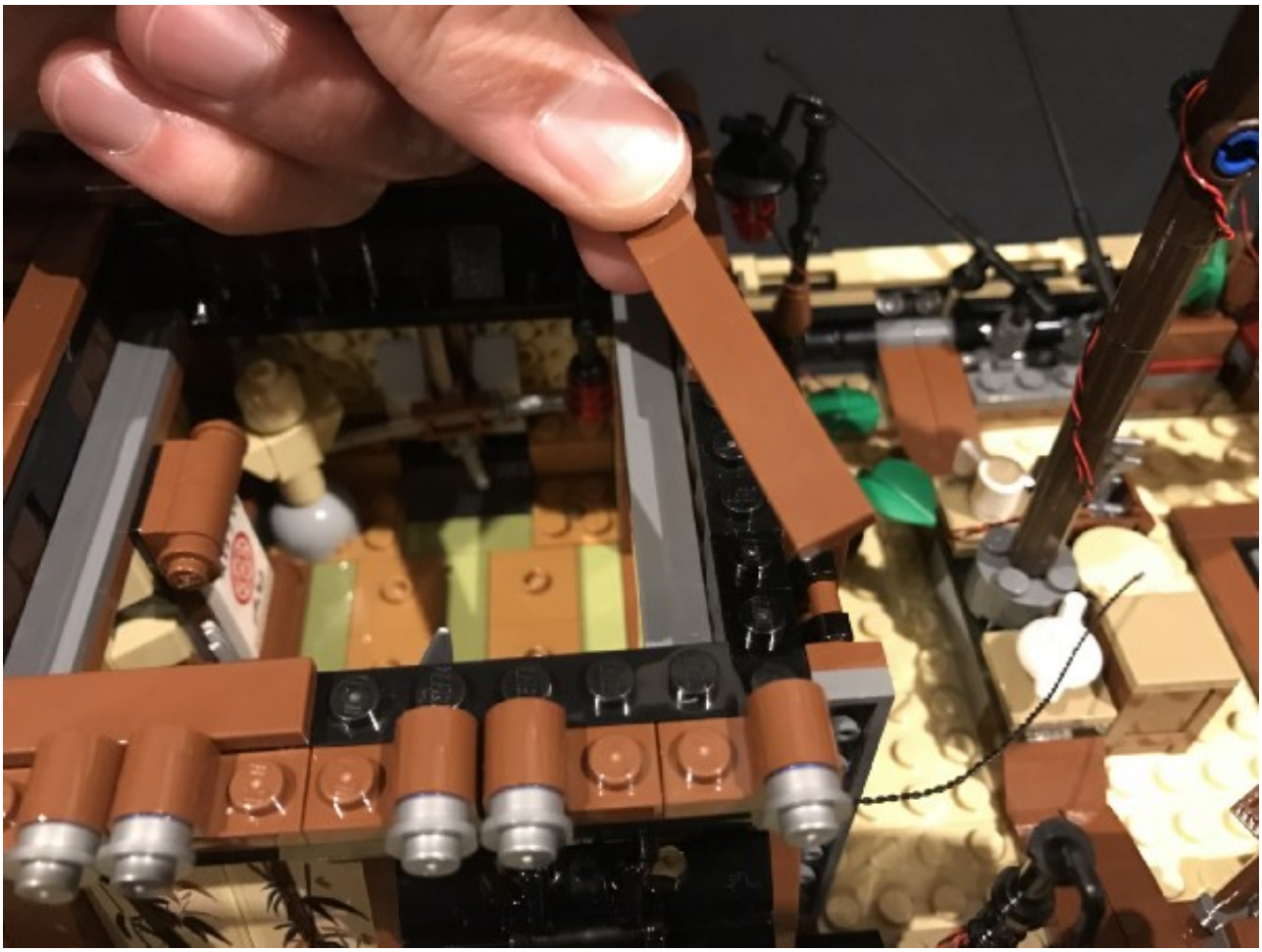
Ensure you do not force this plate to reconnect as it may damage the bit light cables.

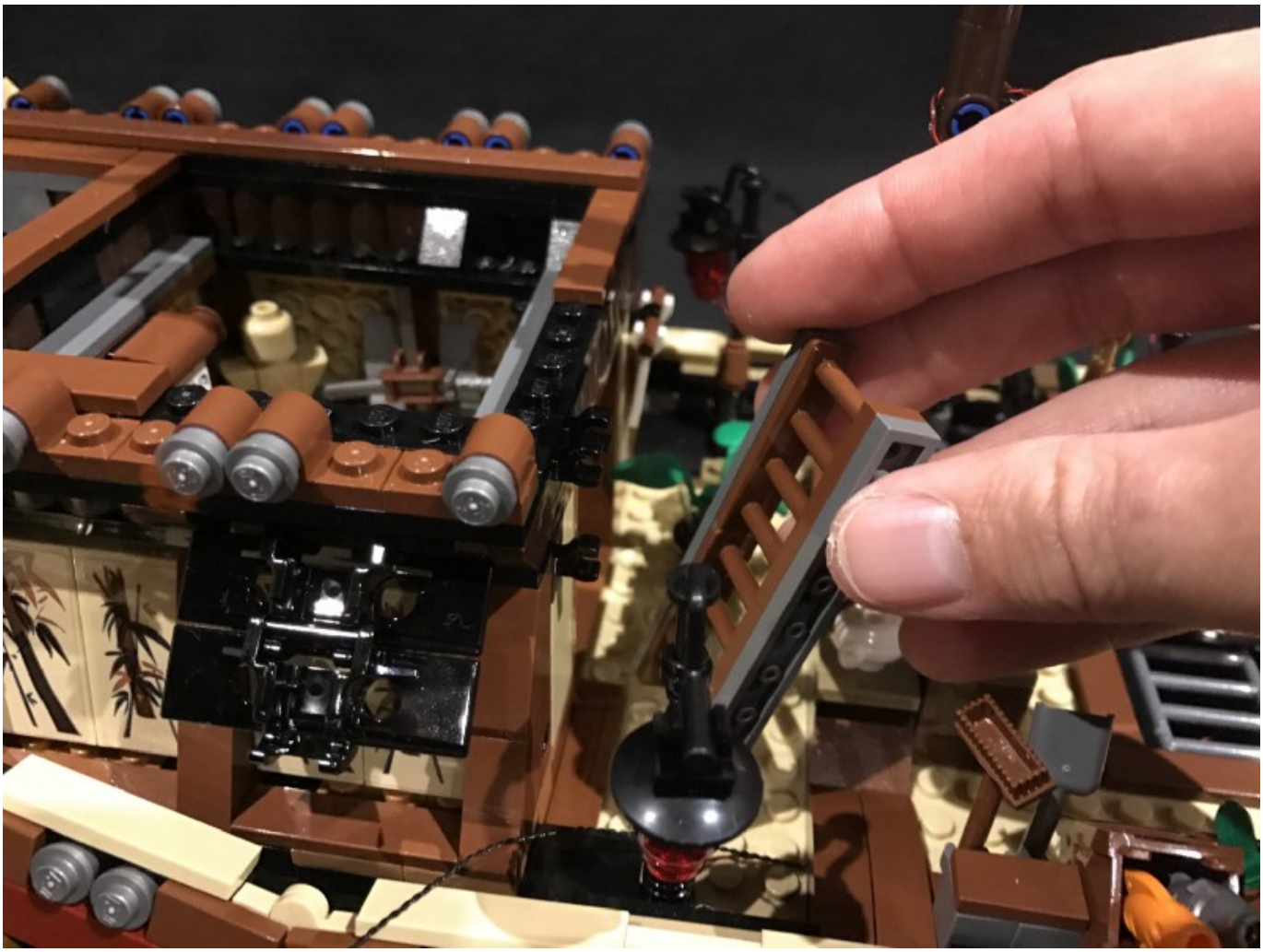


17.) Remove the top level of the ship as per below:

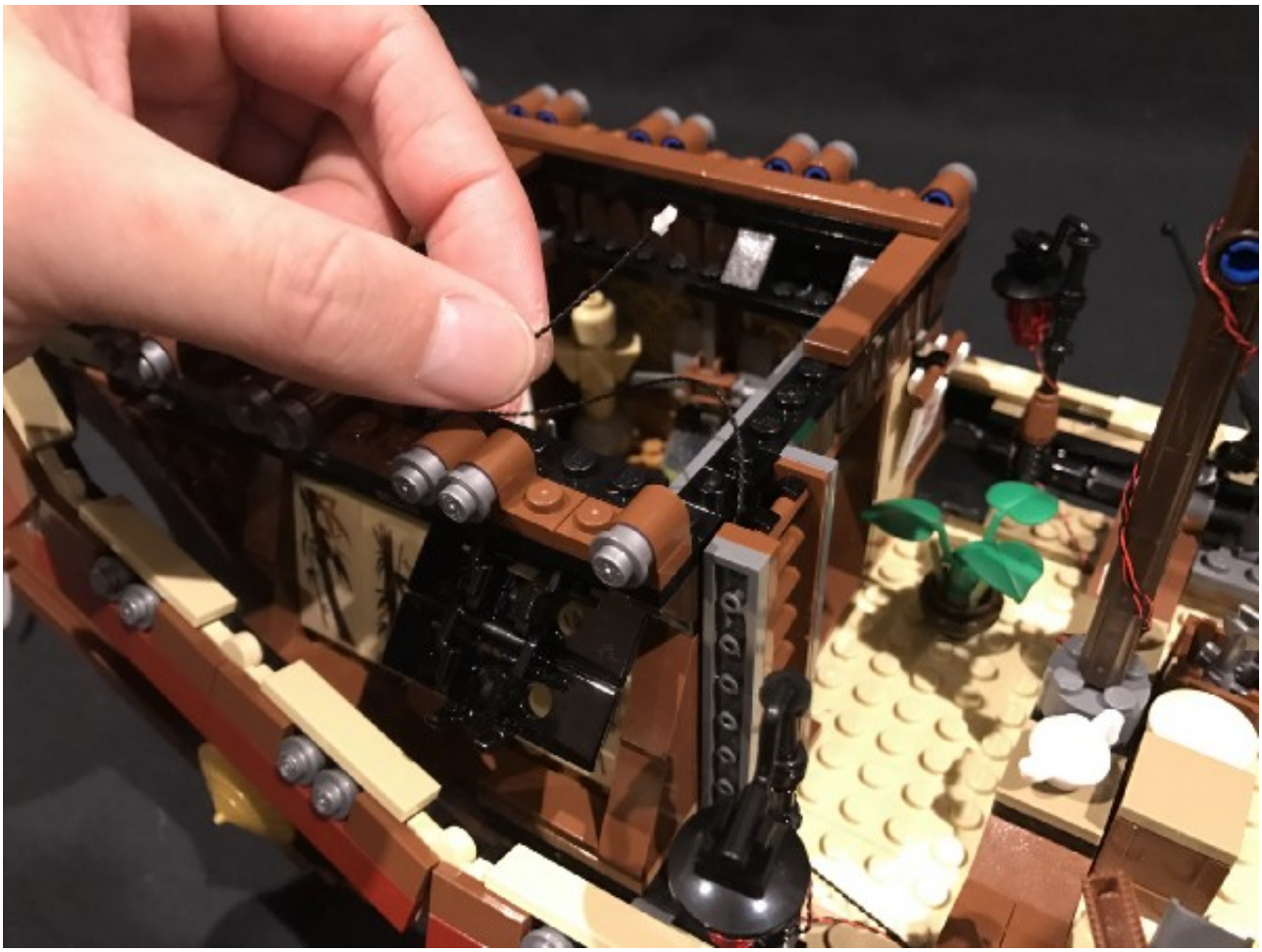
We will now thread and hide the 30cm cable through to the upper level. First remove the following tiles as well as the ladder.

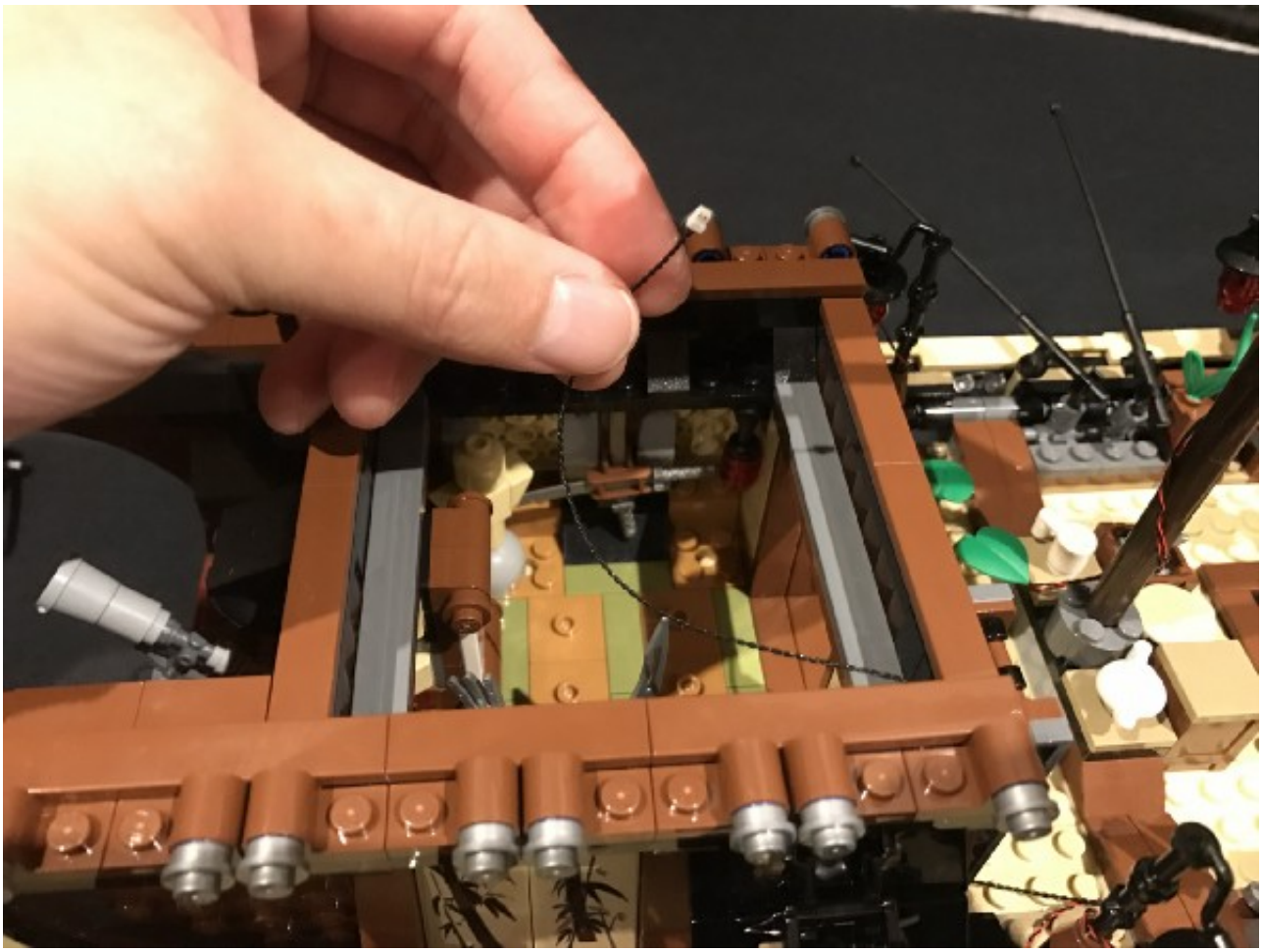




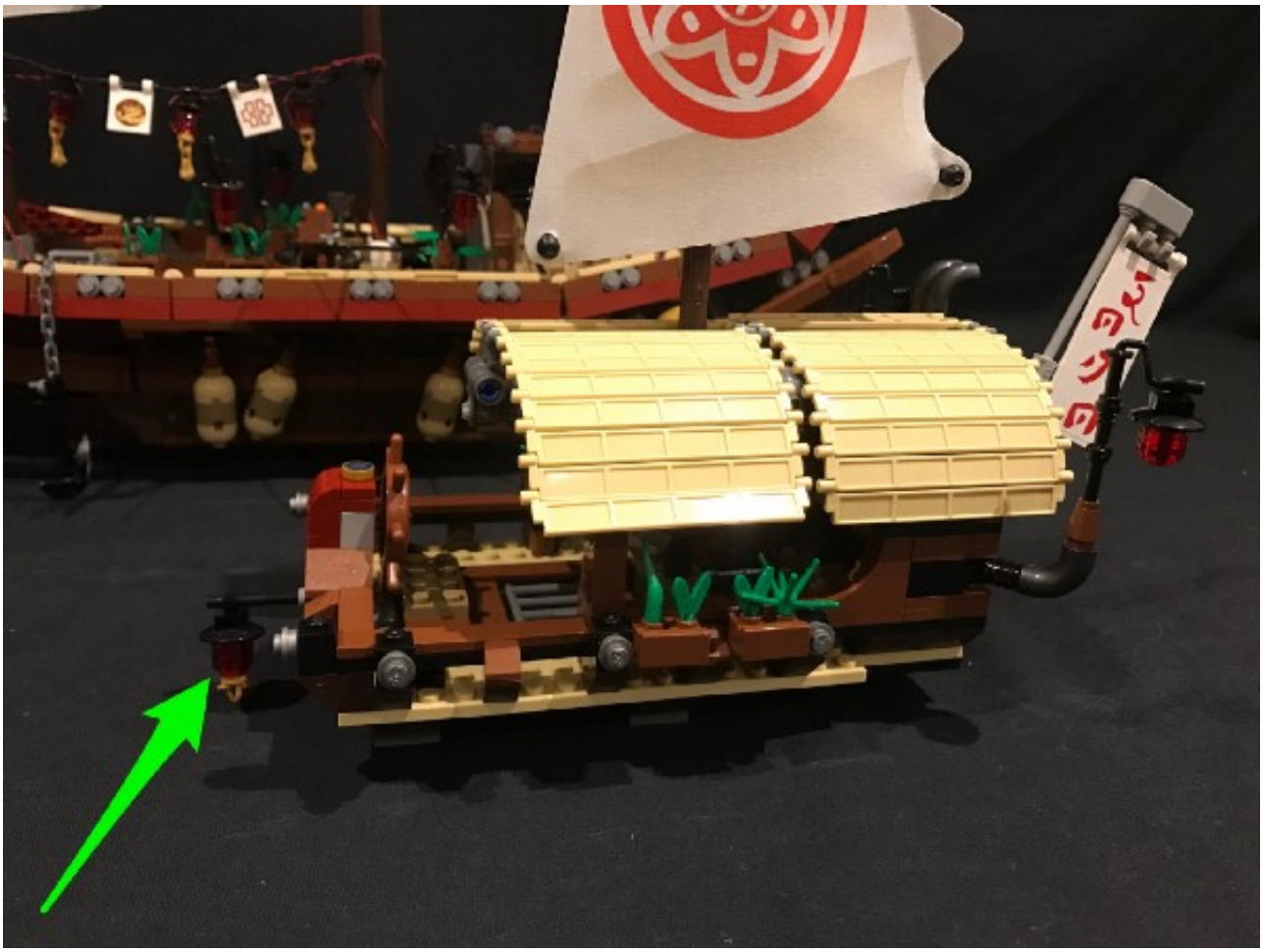


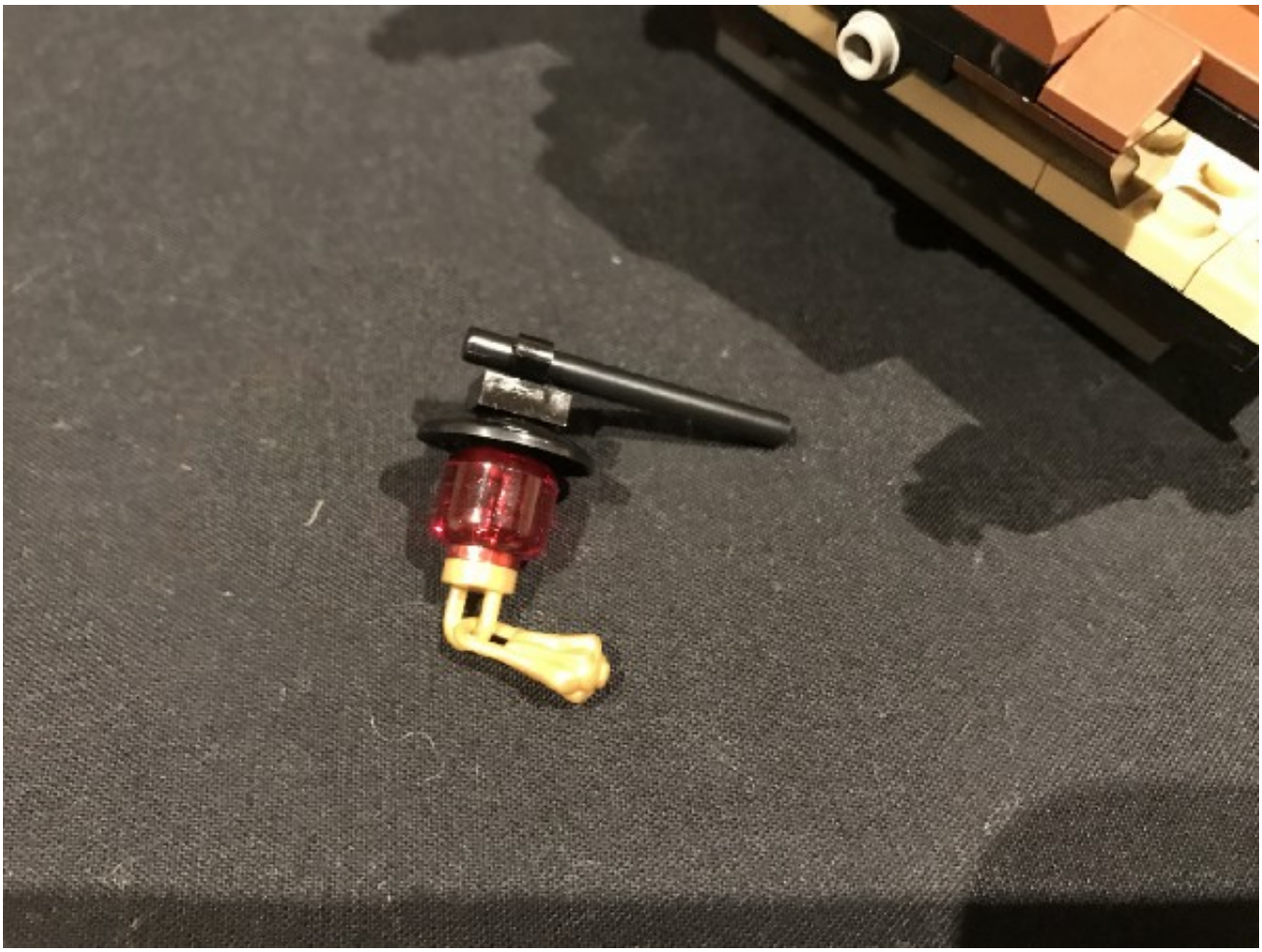
Pull the cable up and then lay it across the top of the upper level in between studs. Reconnect the ladder piece over the top, followed by the tiles we removed earlier.

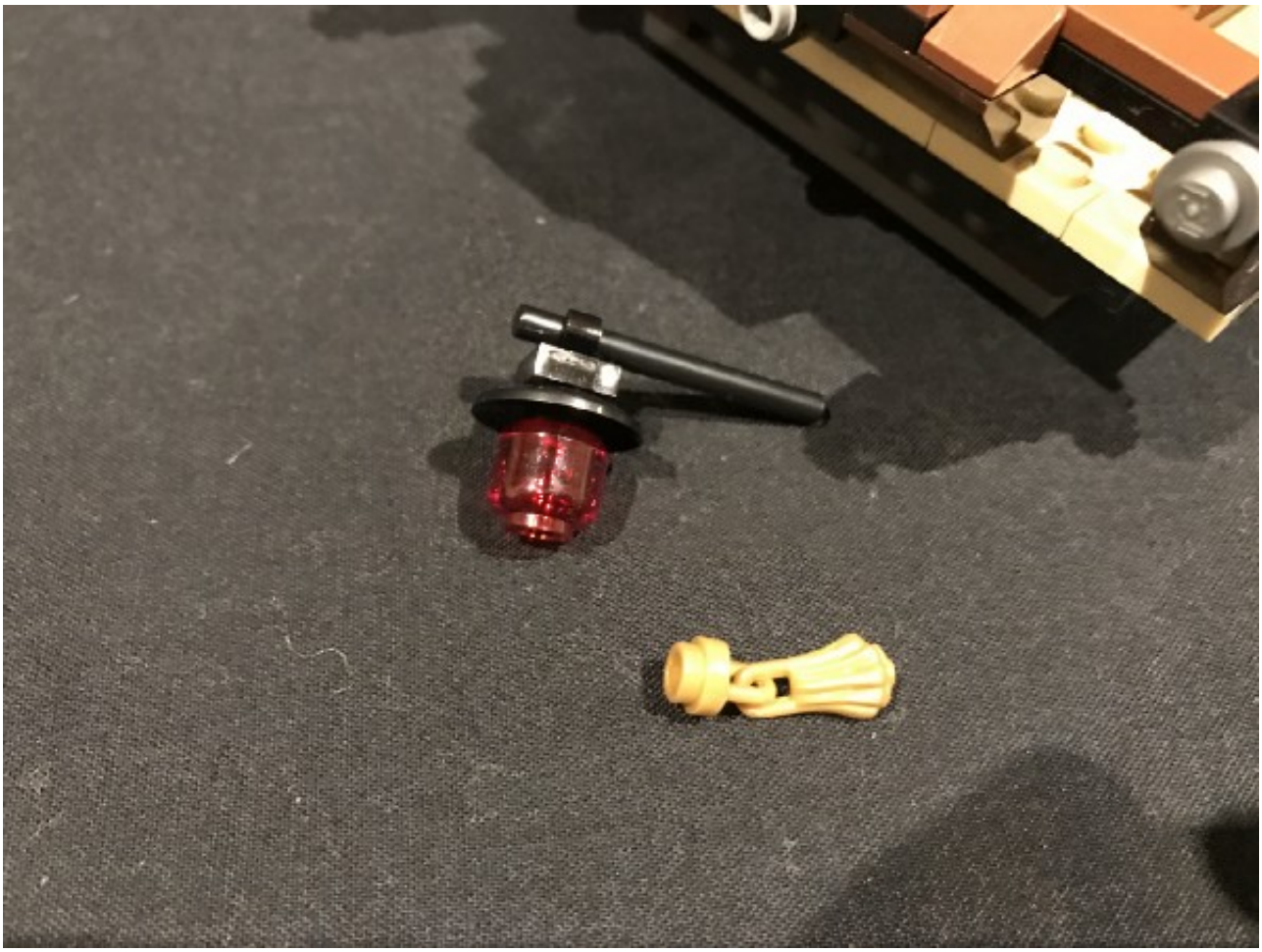




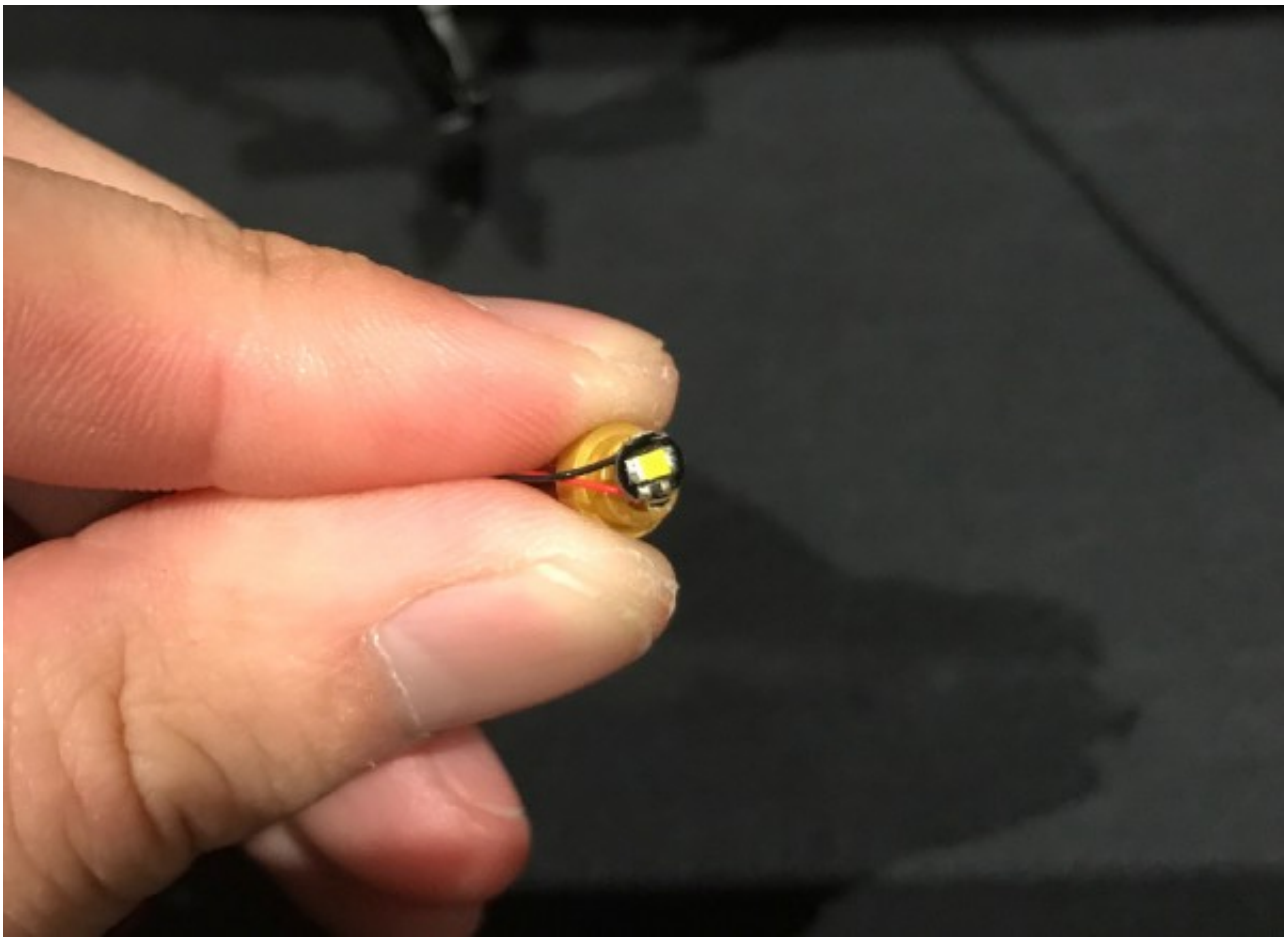
18.) We will now install a light to the lantern on the front of the upper level. Disconnect this section and then remove the gold piece from underneath the lantern.



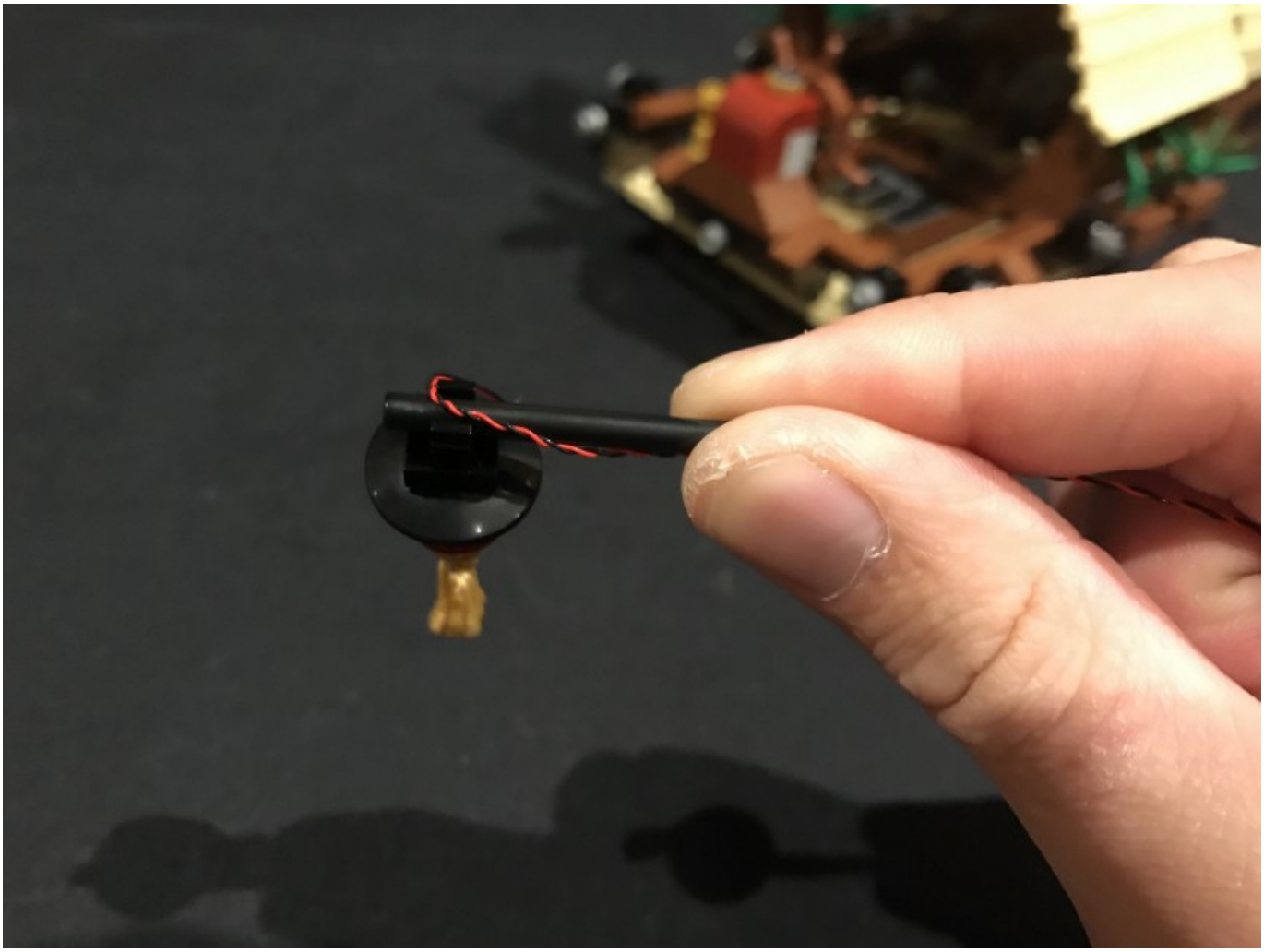




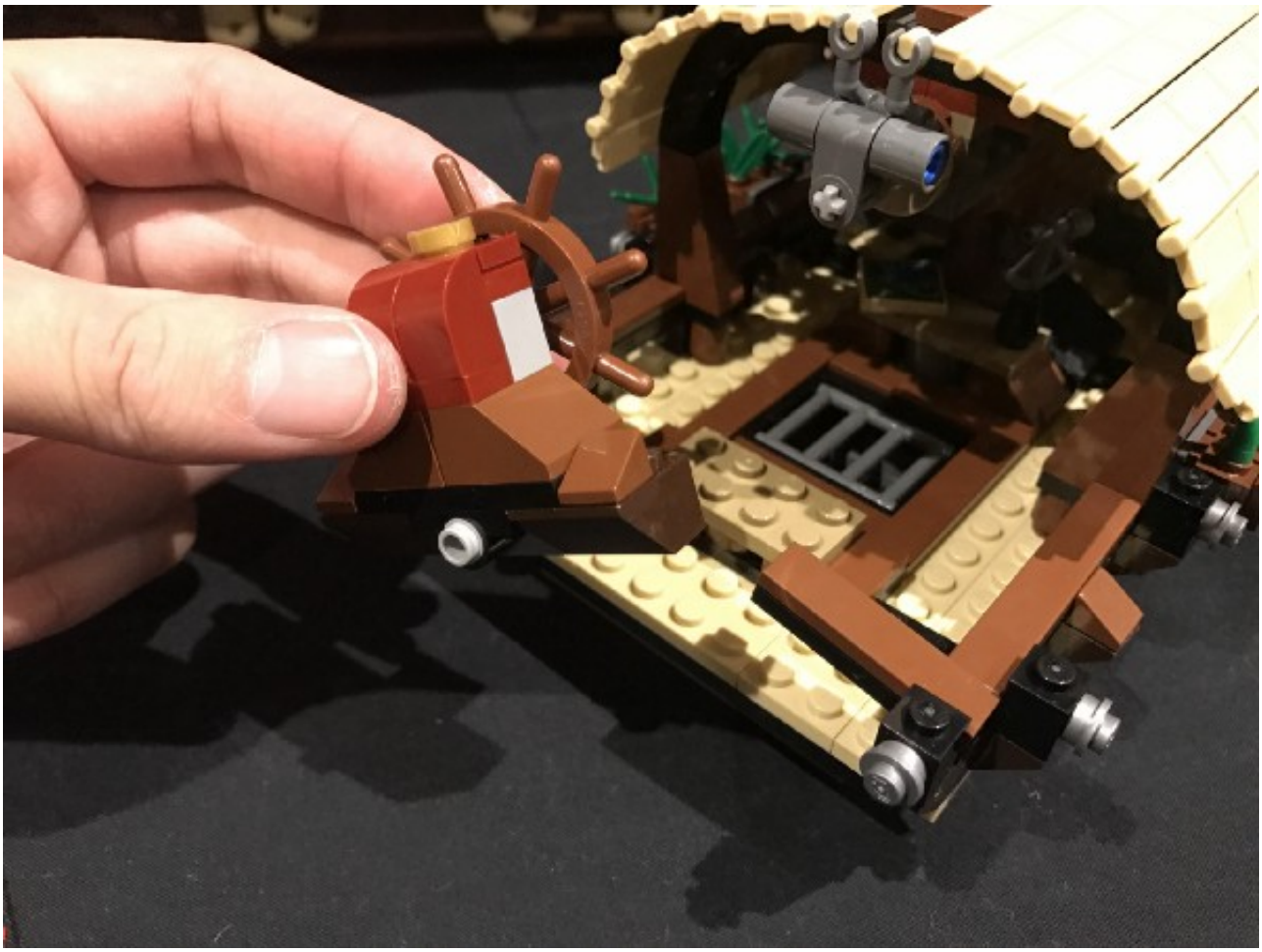
19.) Take a **White 30cm Bit Light** and then place it over the top of the gold piece. Reconnect the lantern piece over the top securing it in place.

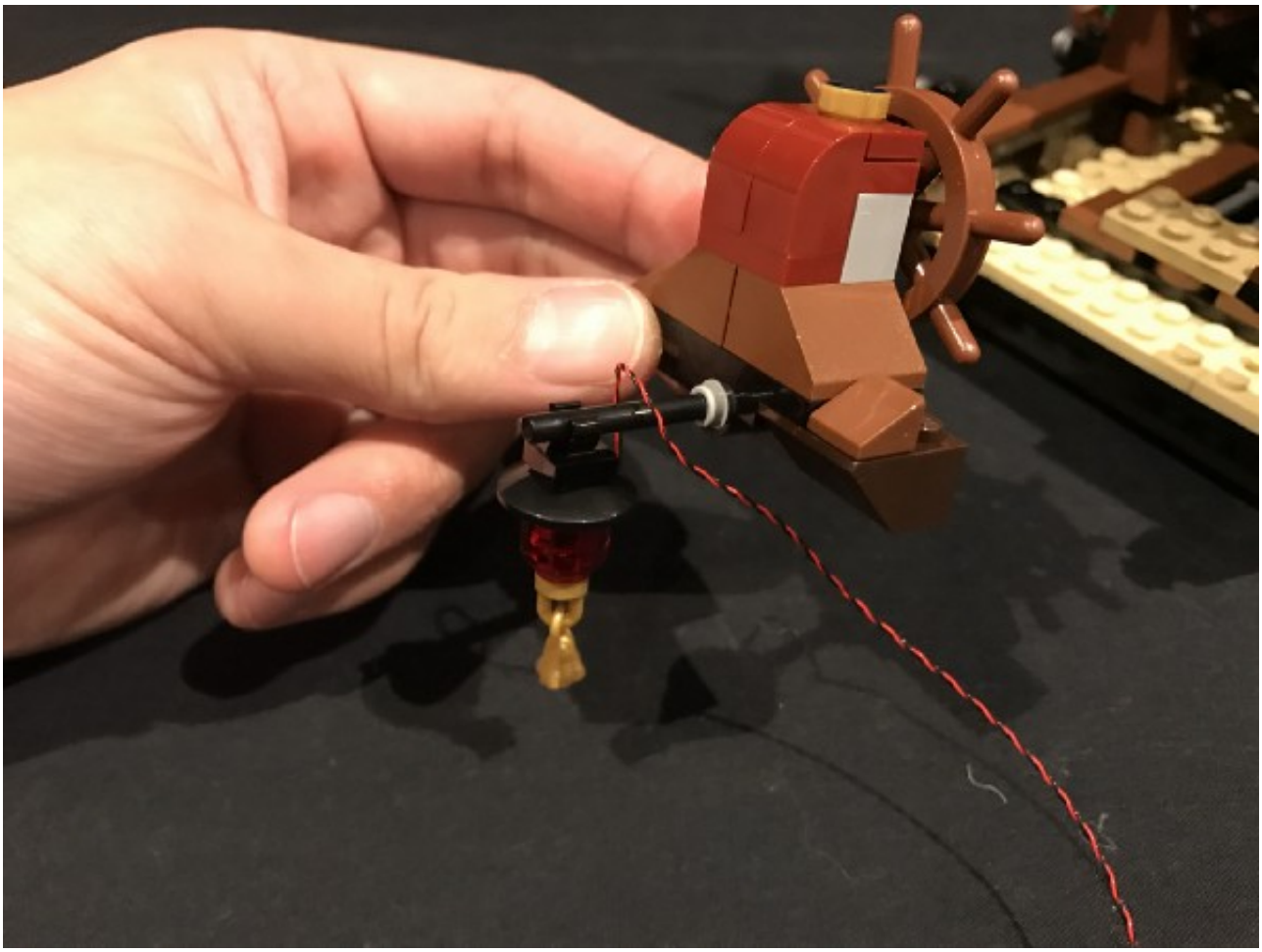


Wind the cable around the top of the pole and then pull it toward the back.

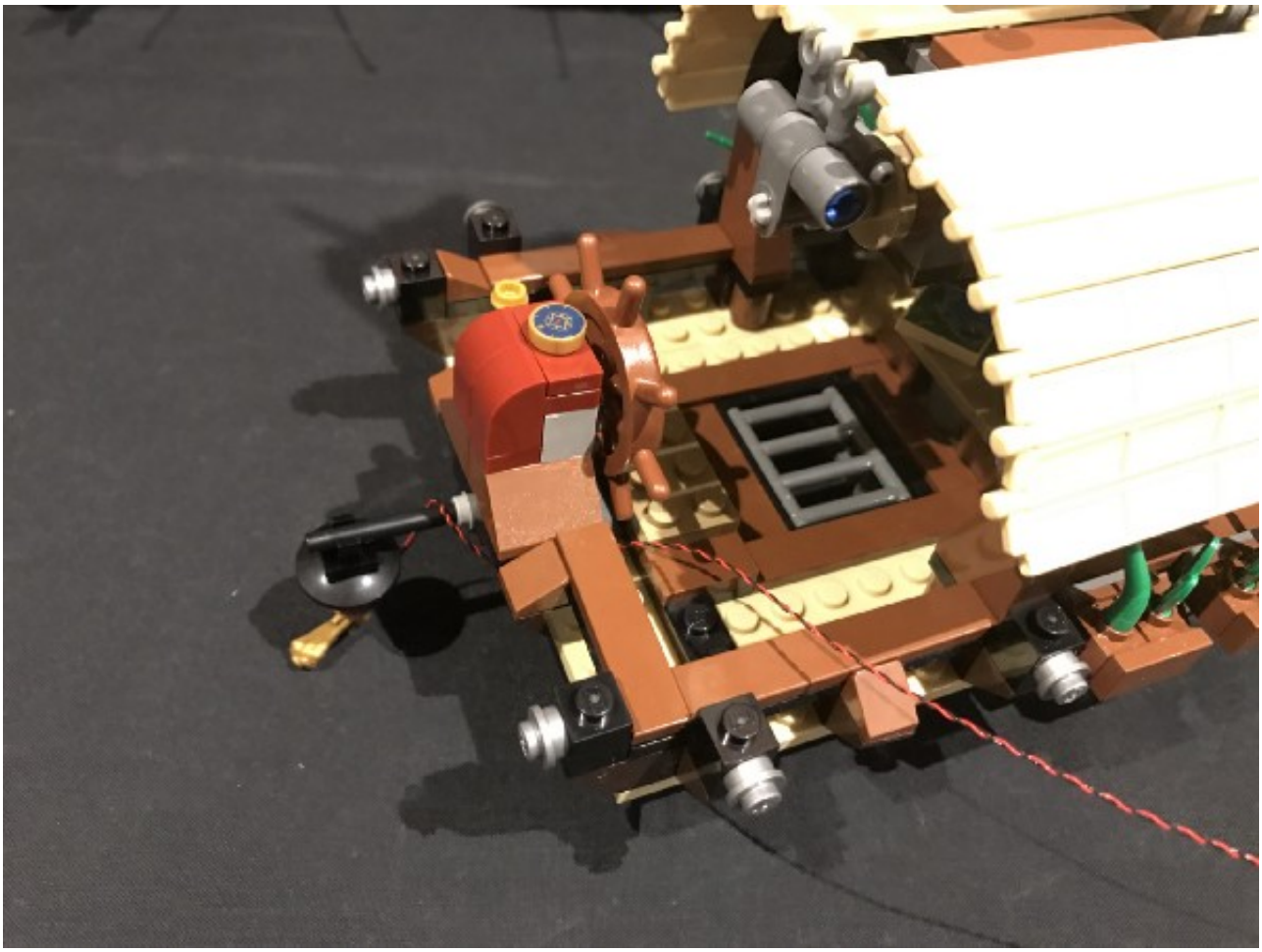


Remove the steering wheel section and then reconnect to it the lantern piece we just installed a light to.

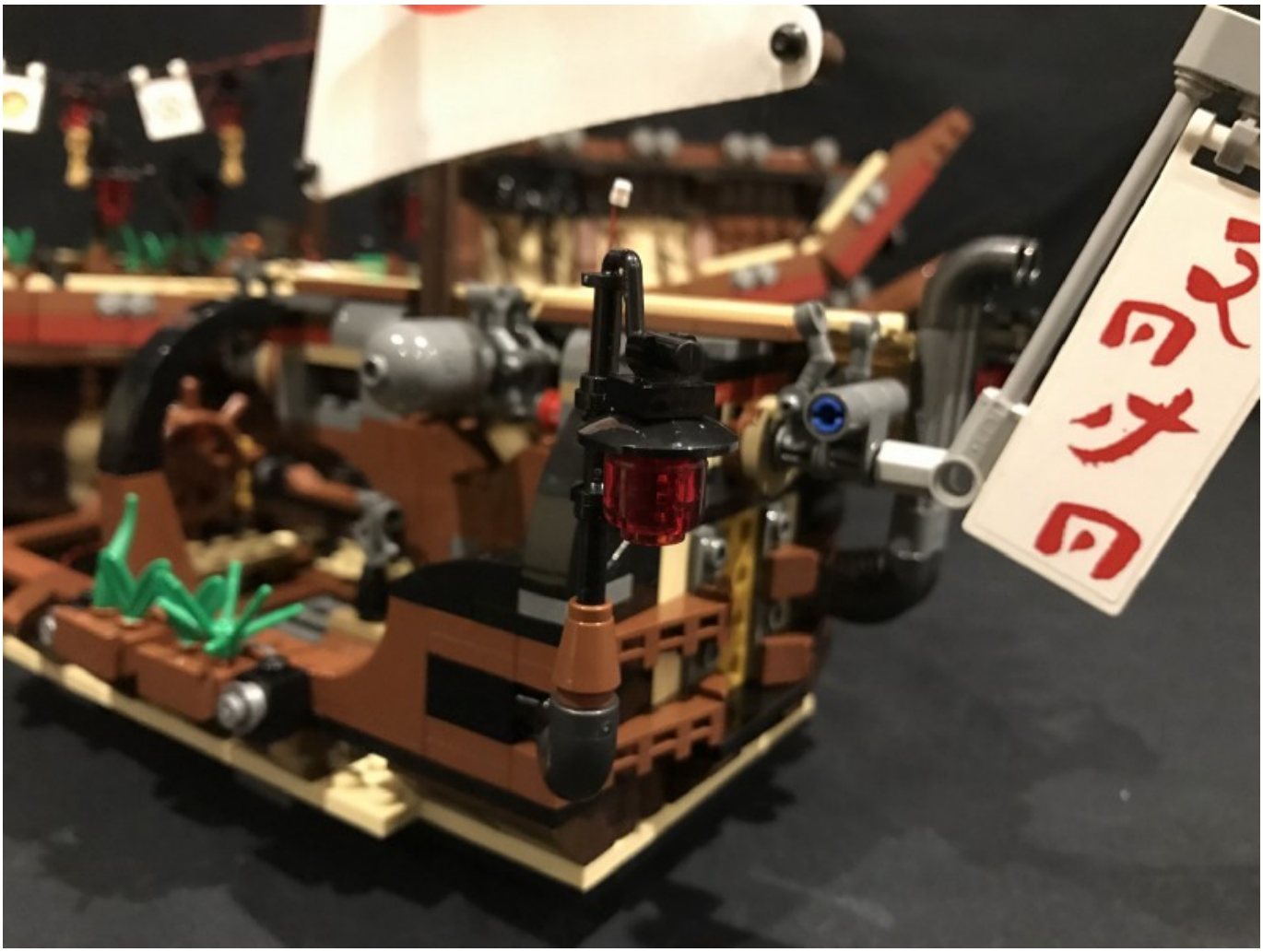




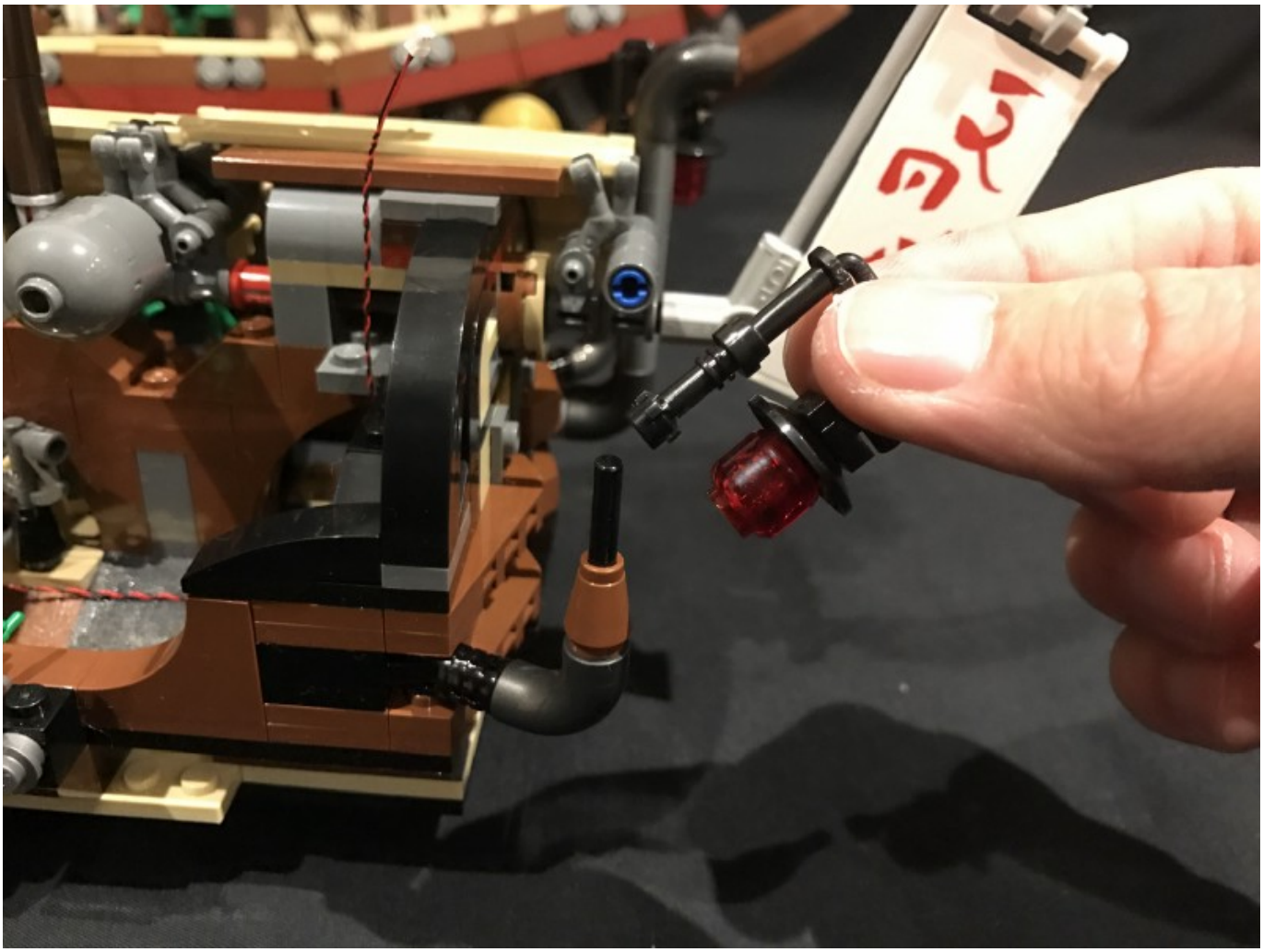
Lay the cable underneath and towards the inside of the upper deck before reconnecting this section.

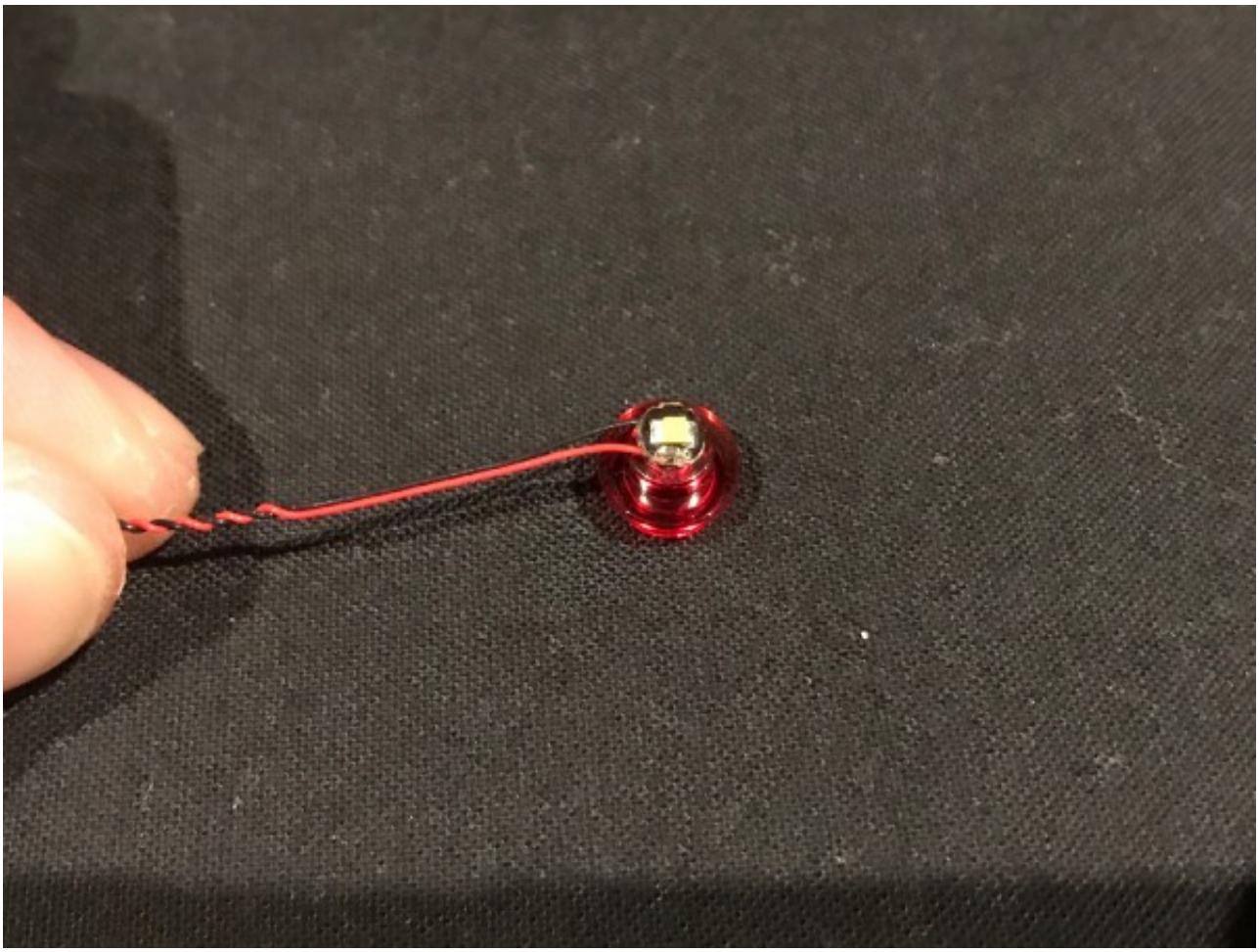


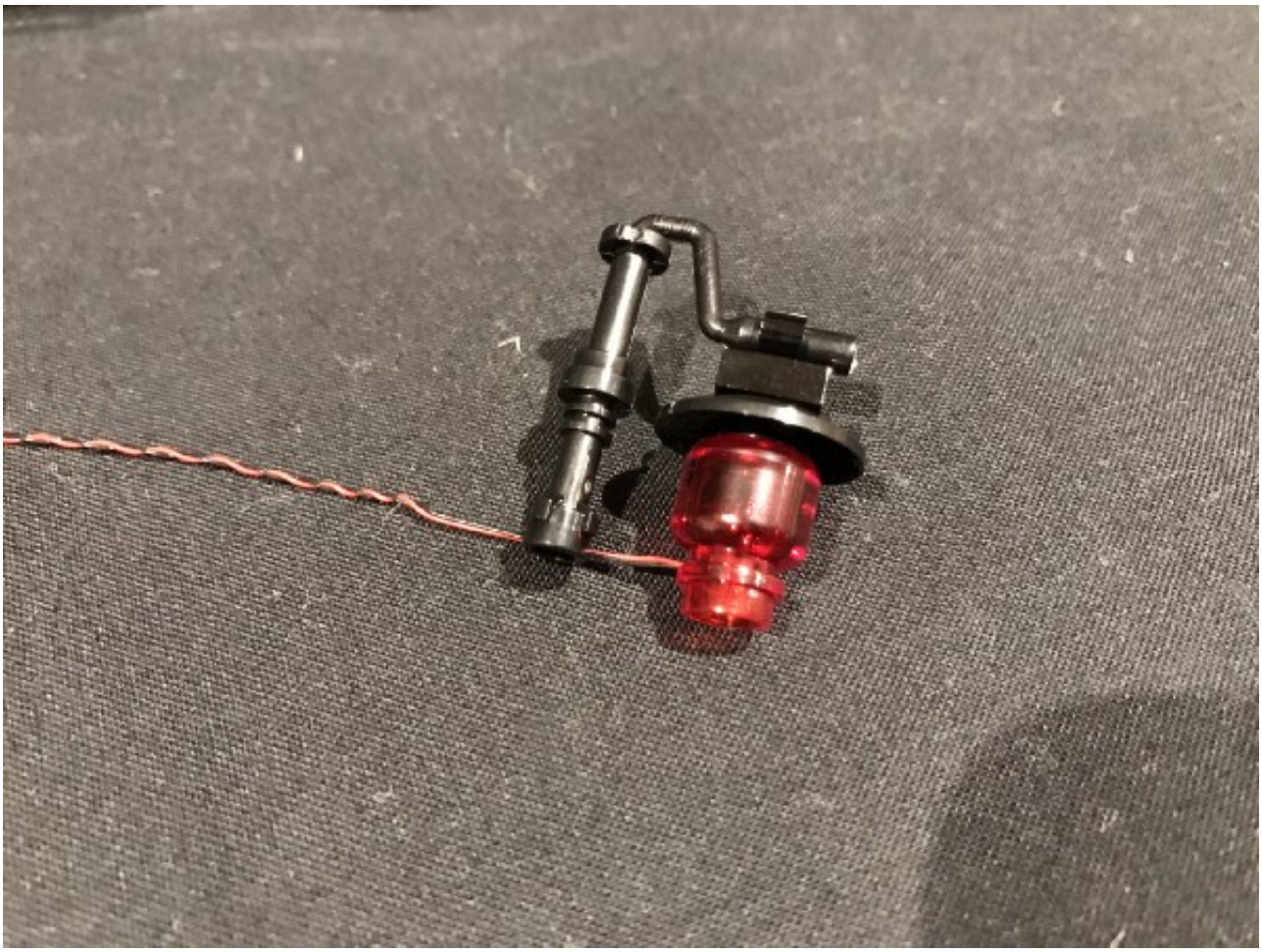
20.) Turn the upper level toward the back so that we can install lights to the lanterns on the back of the boat.



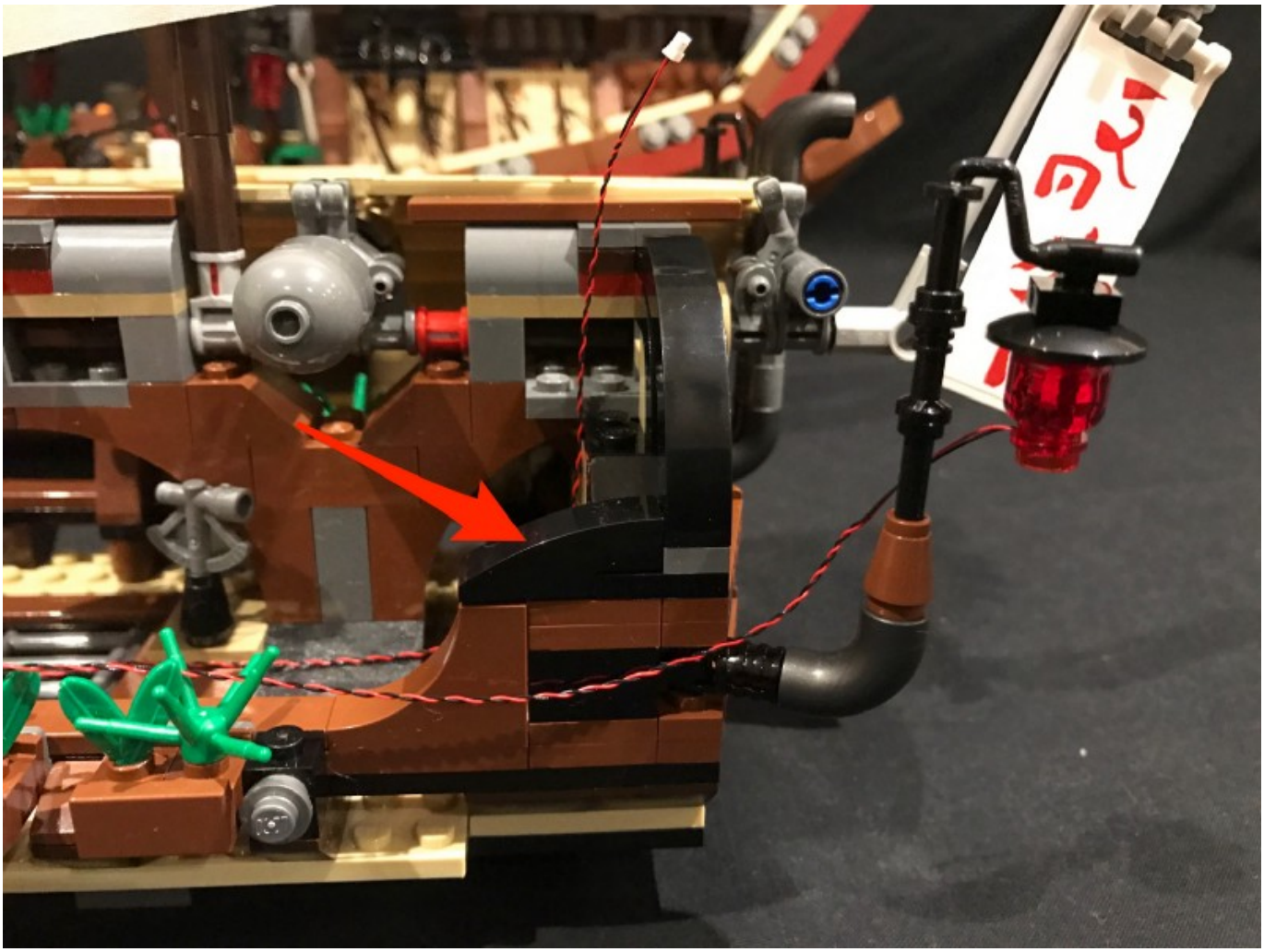
Remove one of the back lanterns at the following section and then install another **White 30cm Bit Light** using a provided **Trans Red Round Plate** (same method as we used for lanterns on the side)

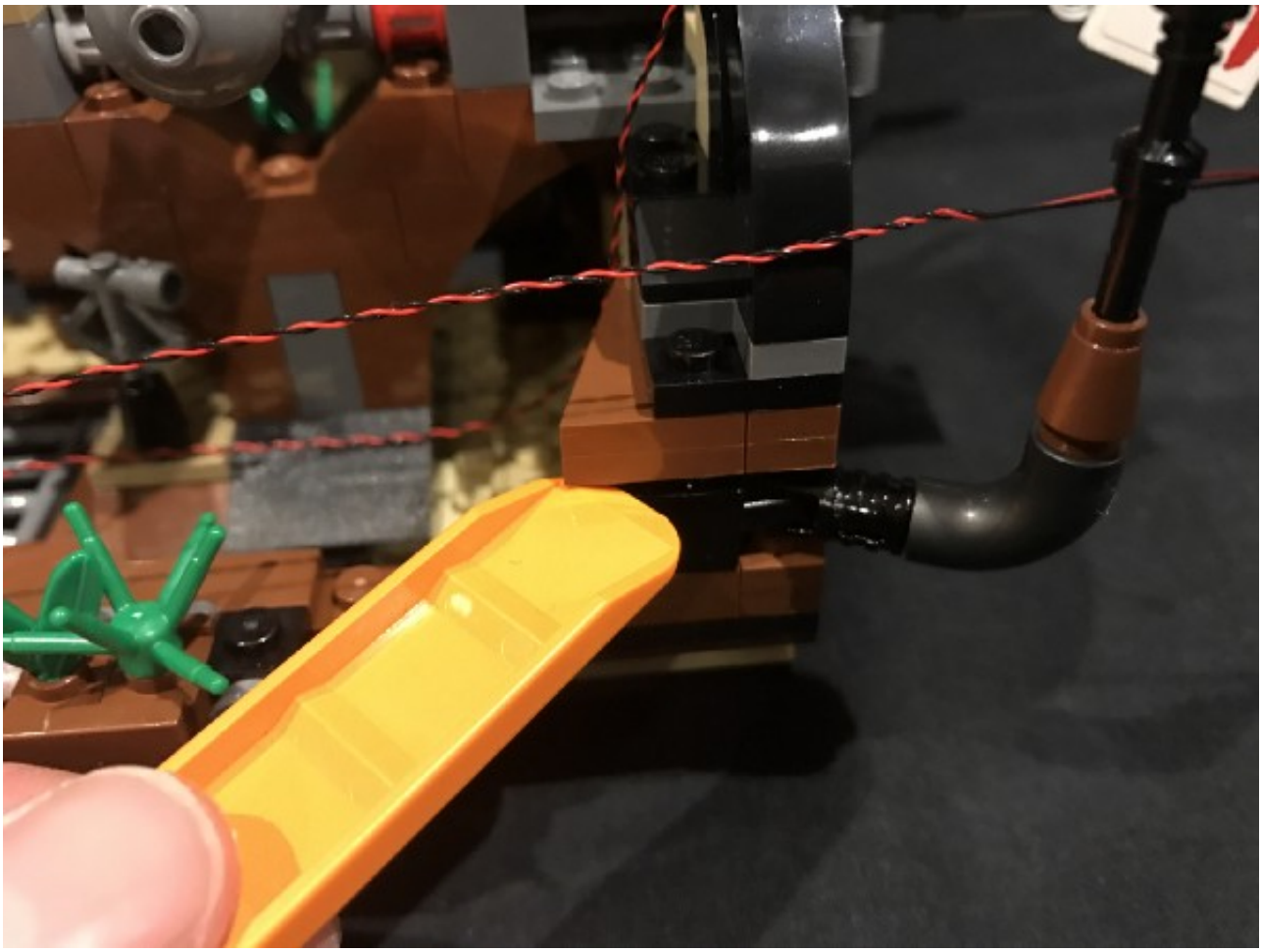


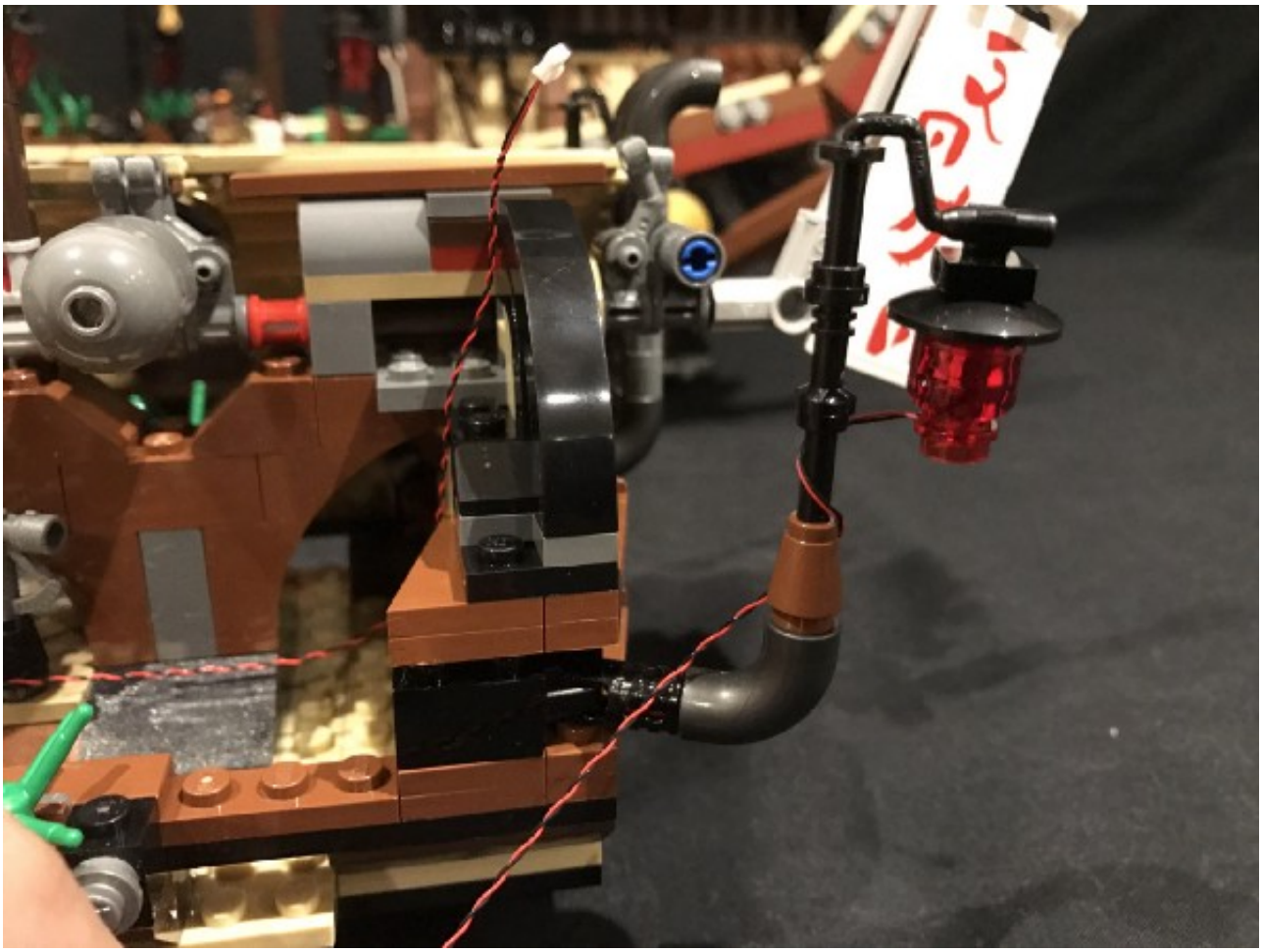


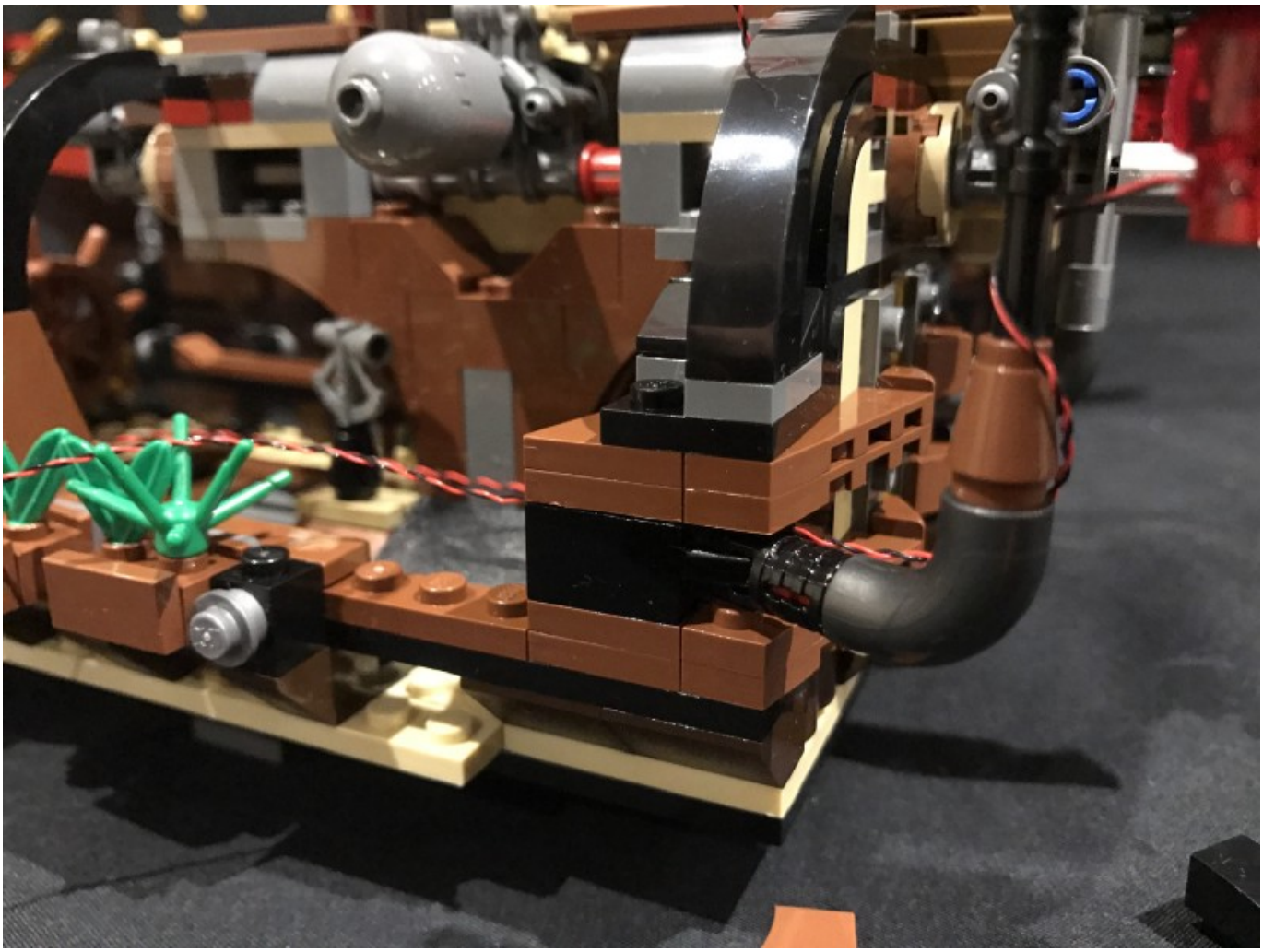


21.) Reconnect this lantern section back to the ship and then remove the black rounded tile. Use the LEGO removal tool to create a gap so that we can thread the cable inside.



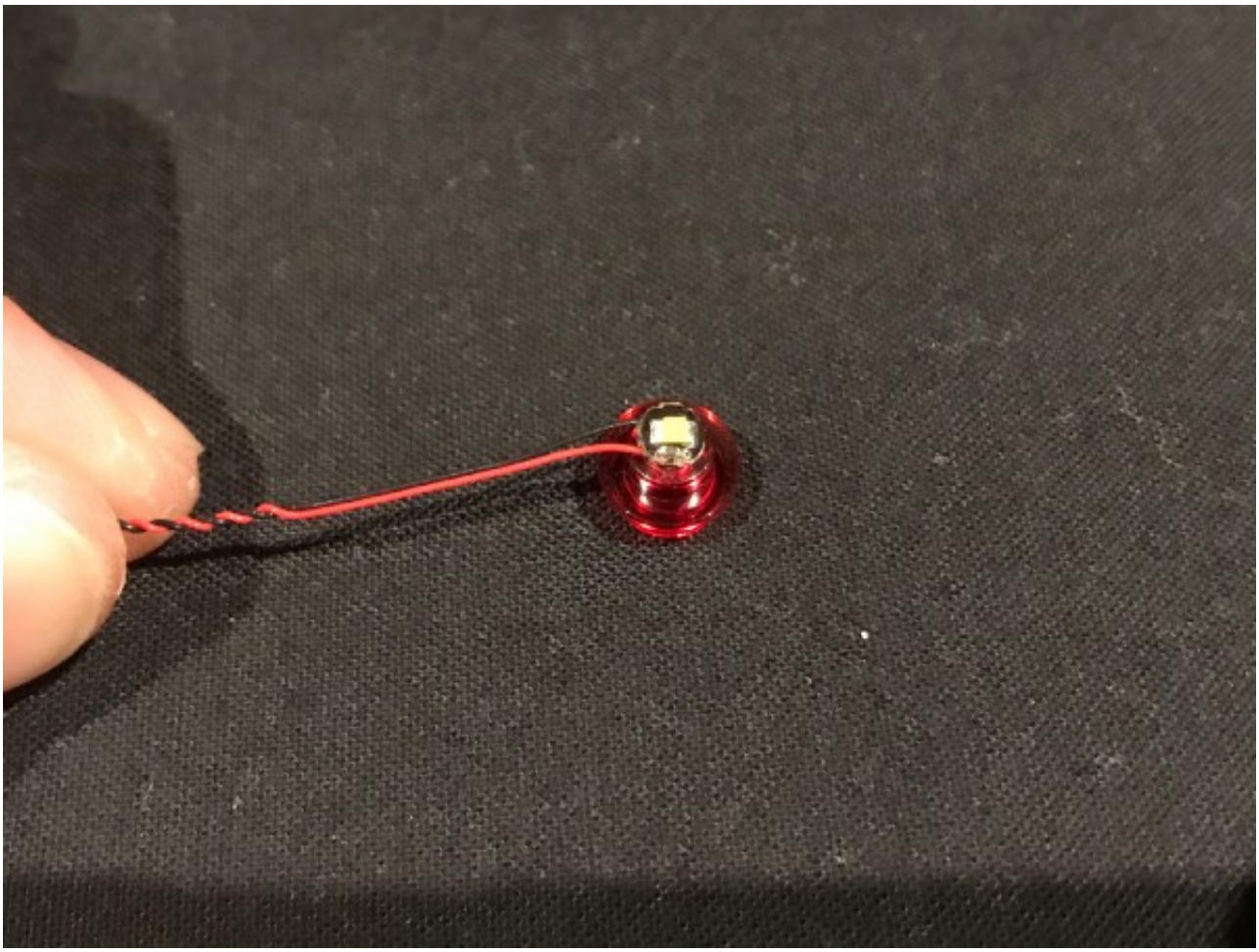


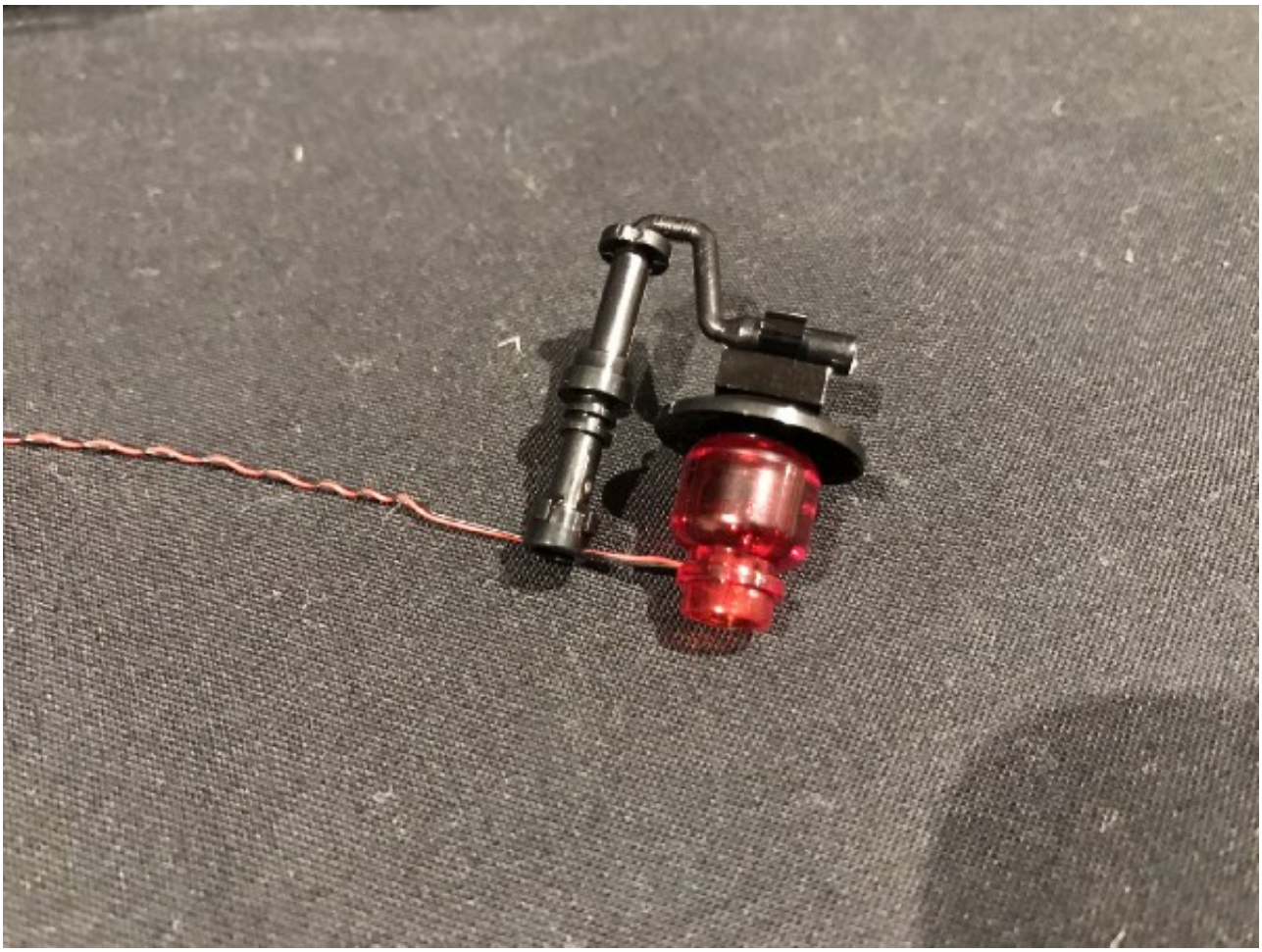


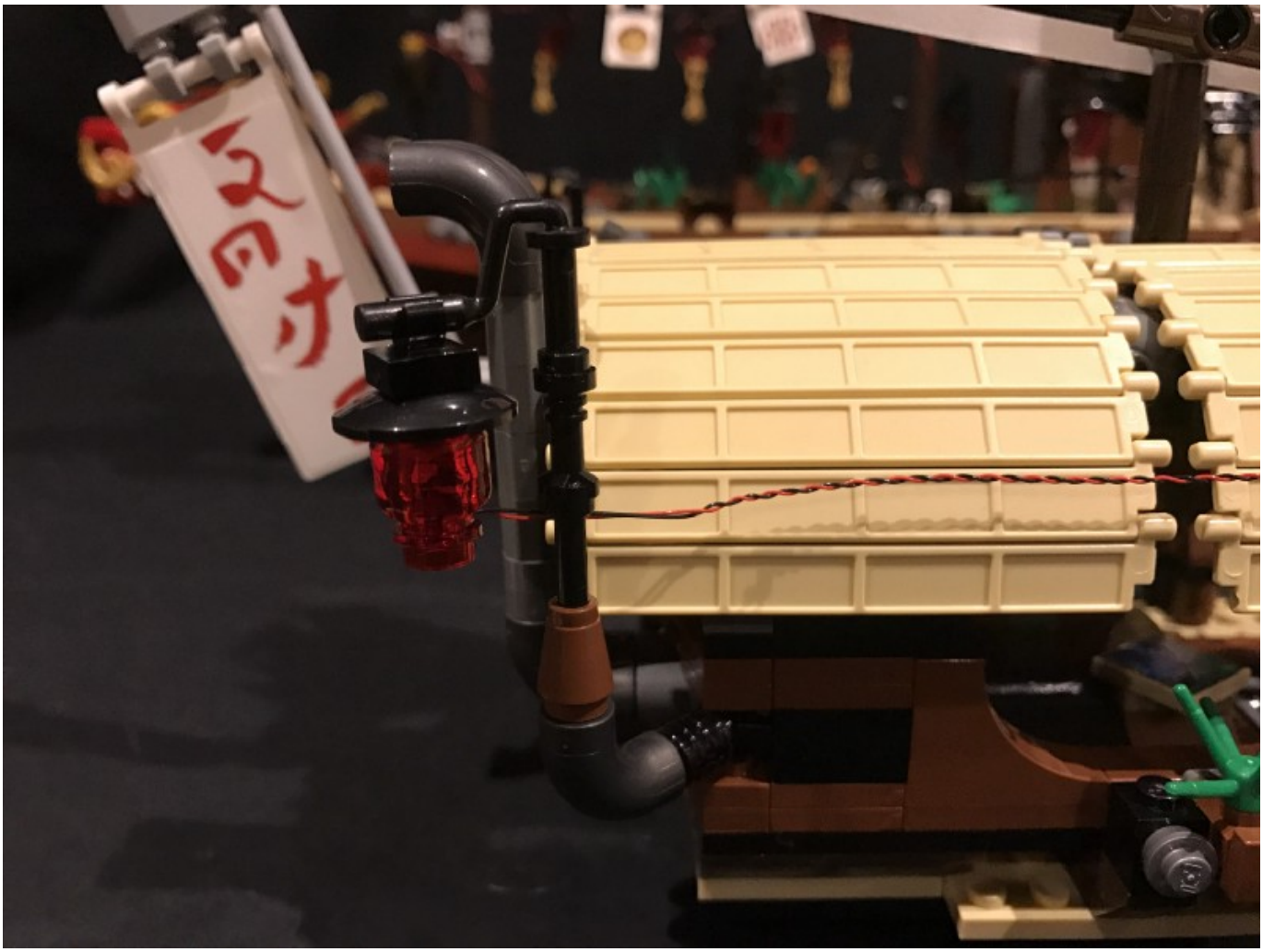


Close up the gap and then reconnect pieces we removed earlier.

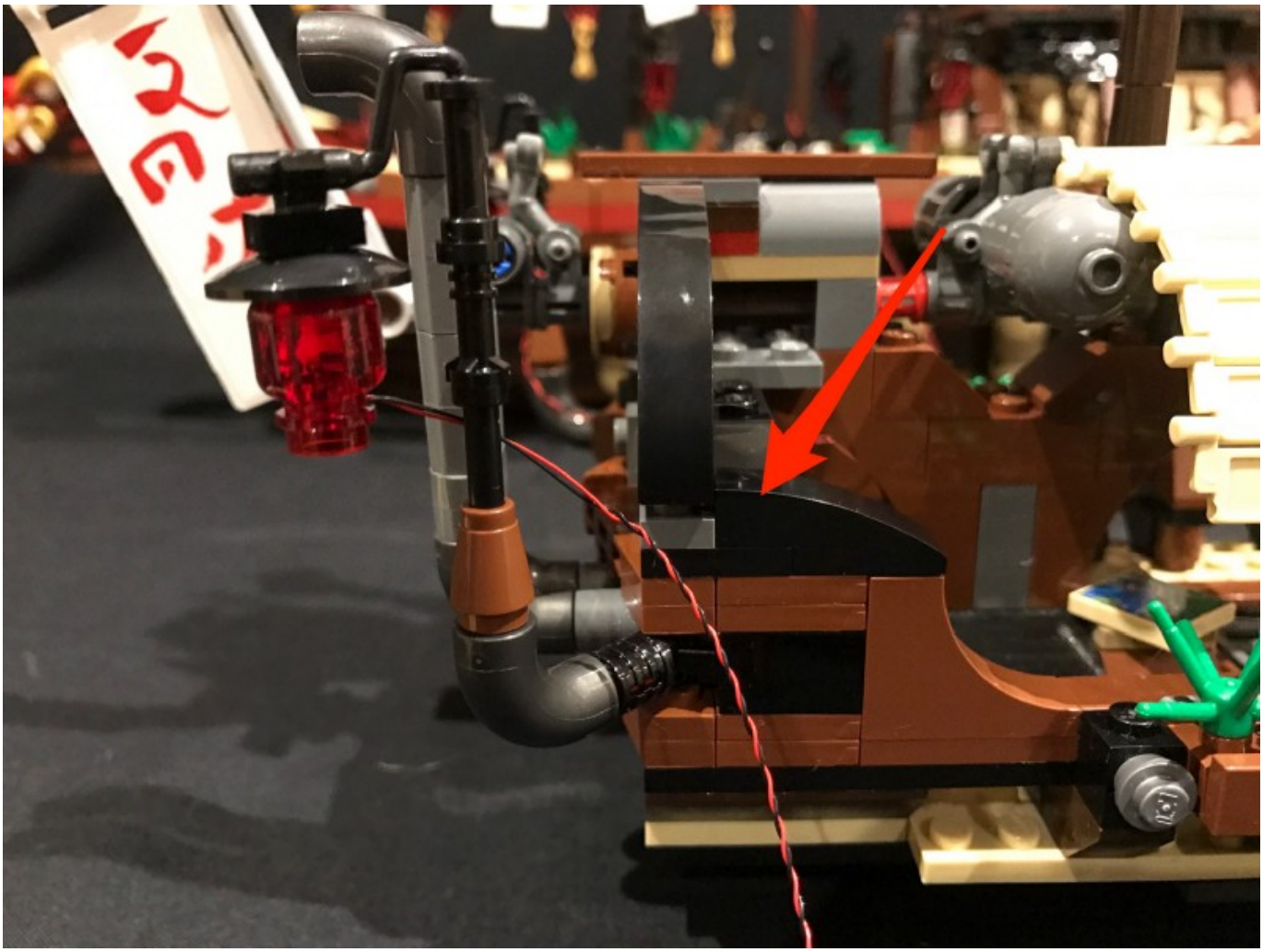
22.) Repeat previous step to install another **White 30cm Bit Light** to the other back lantern using another **Trans Red Round Plate.**

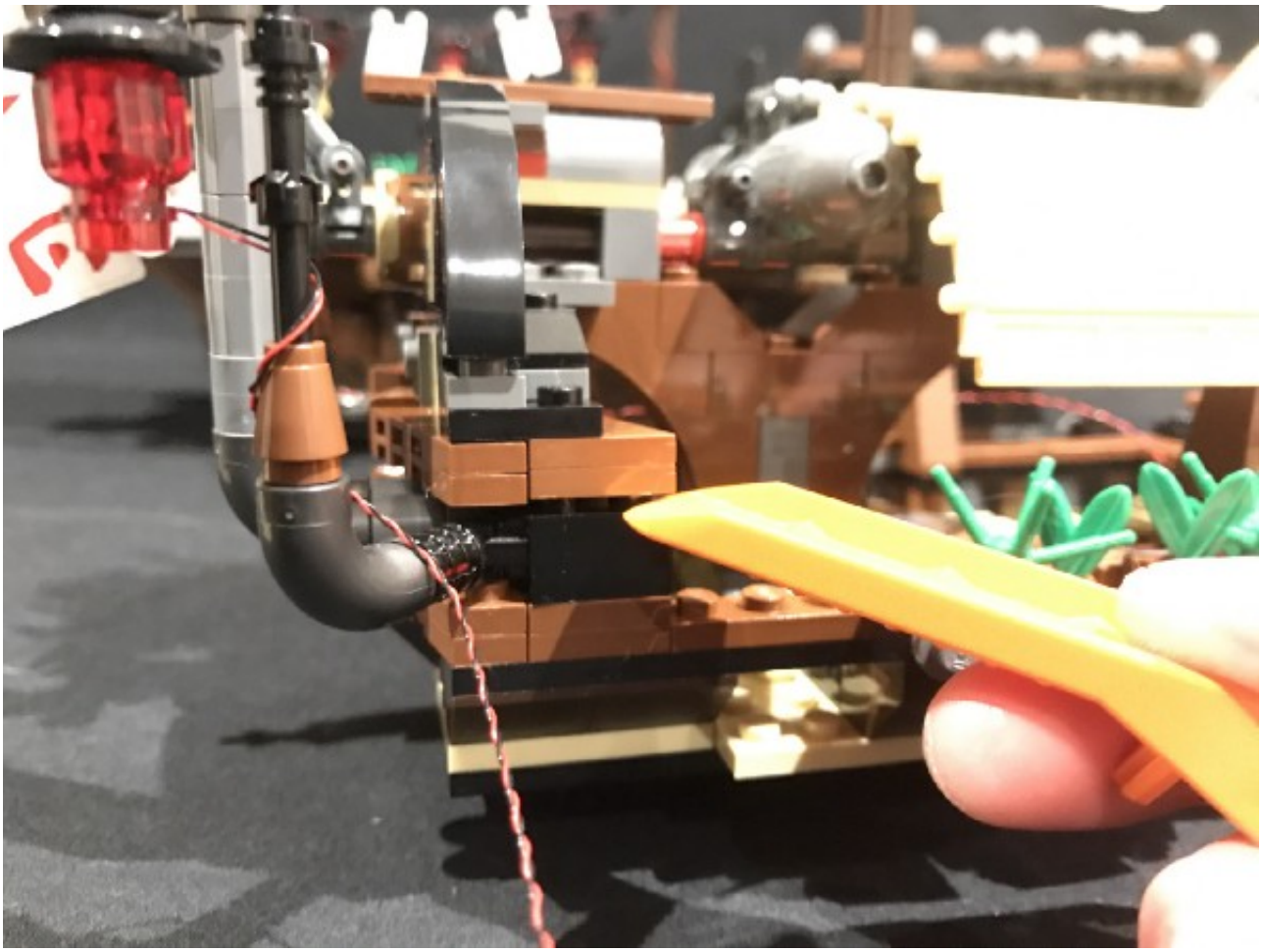


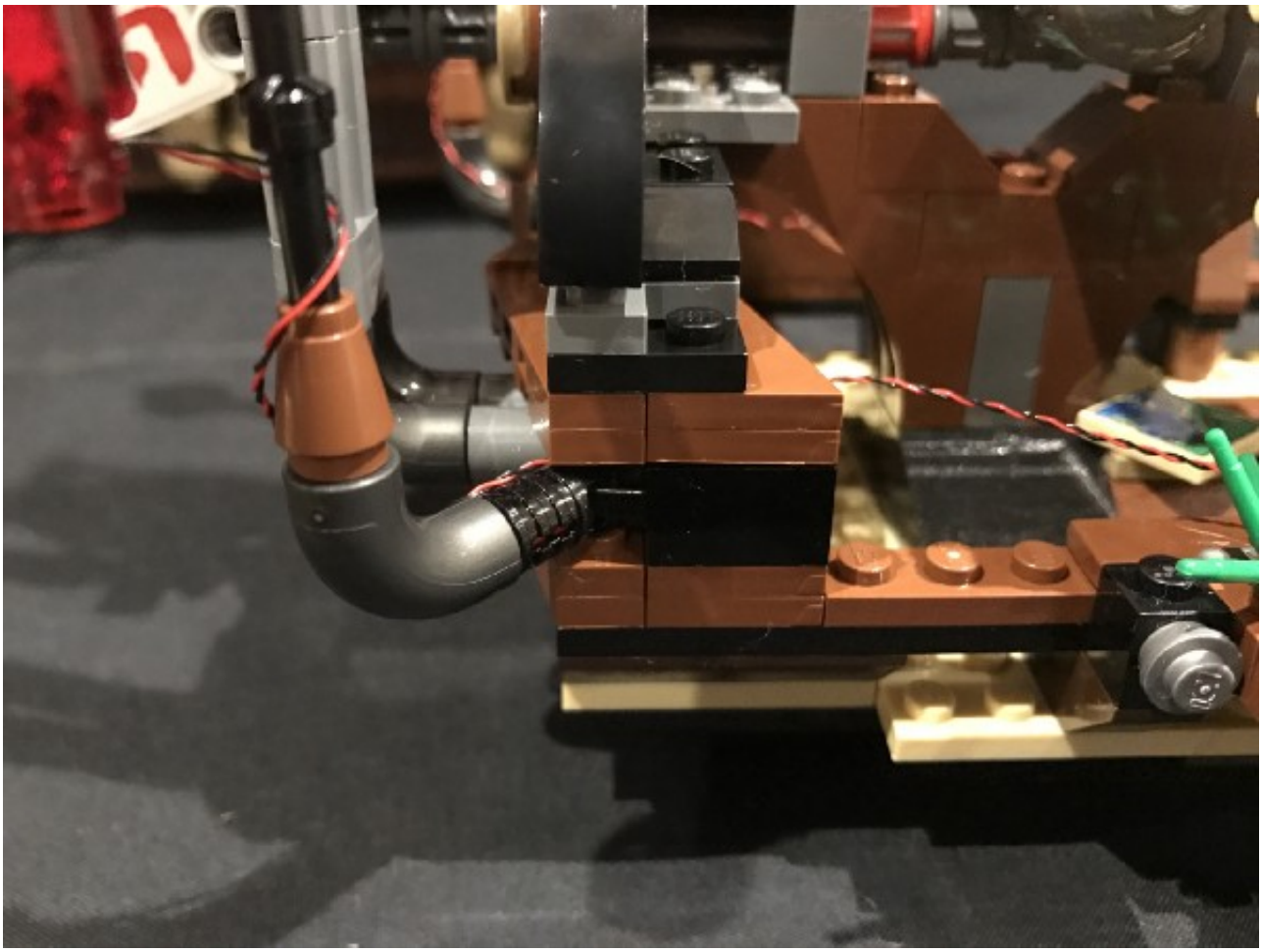




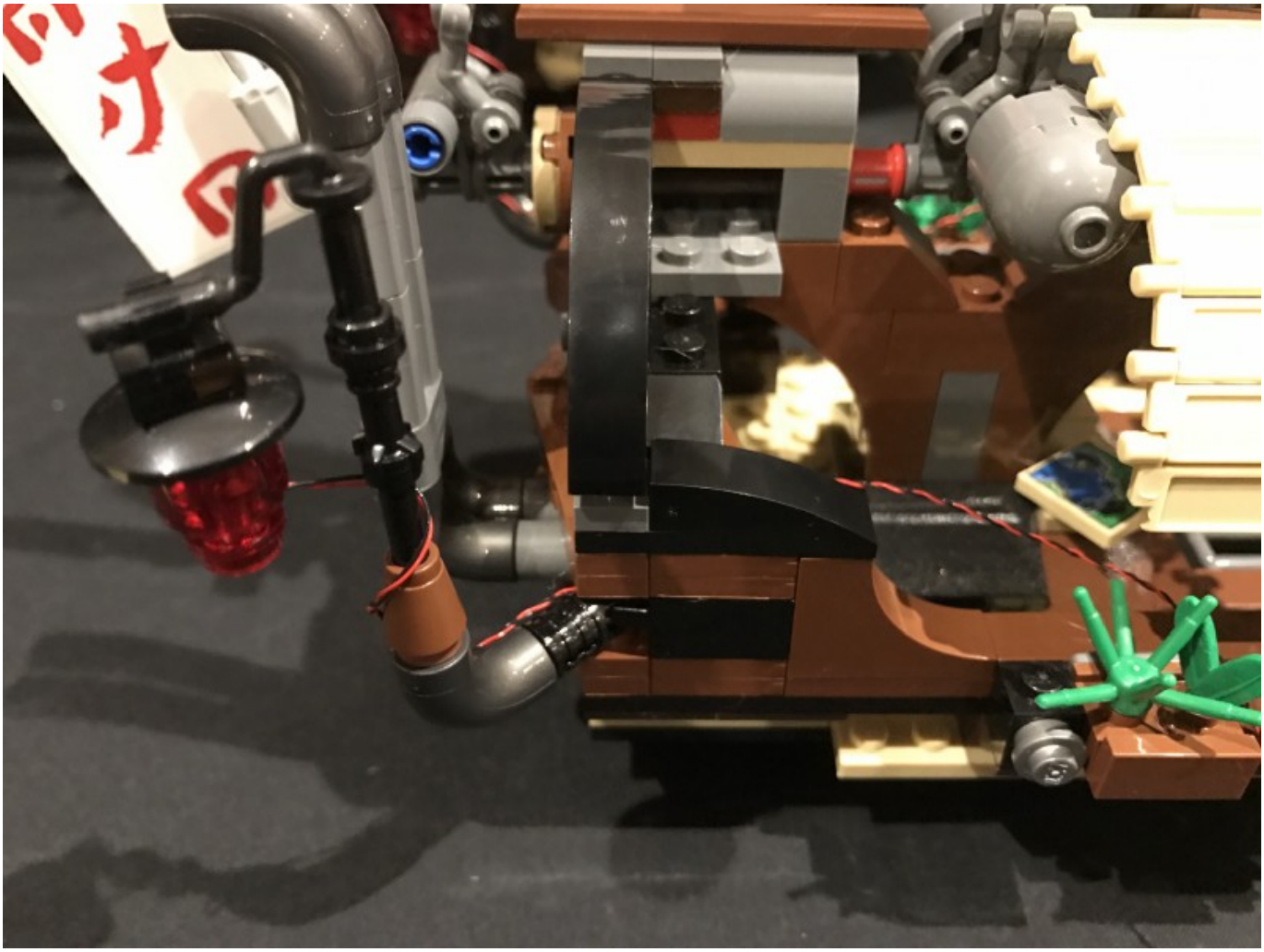
22.) Reconnect the lantern section and then remove the black round tile piece. Use the LEGO removal tool to create another gap to allow you to thread the cable inside.



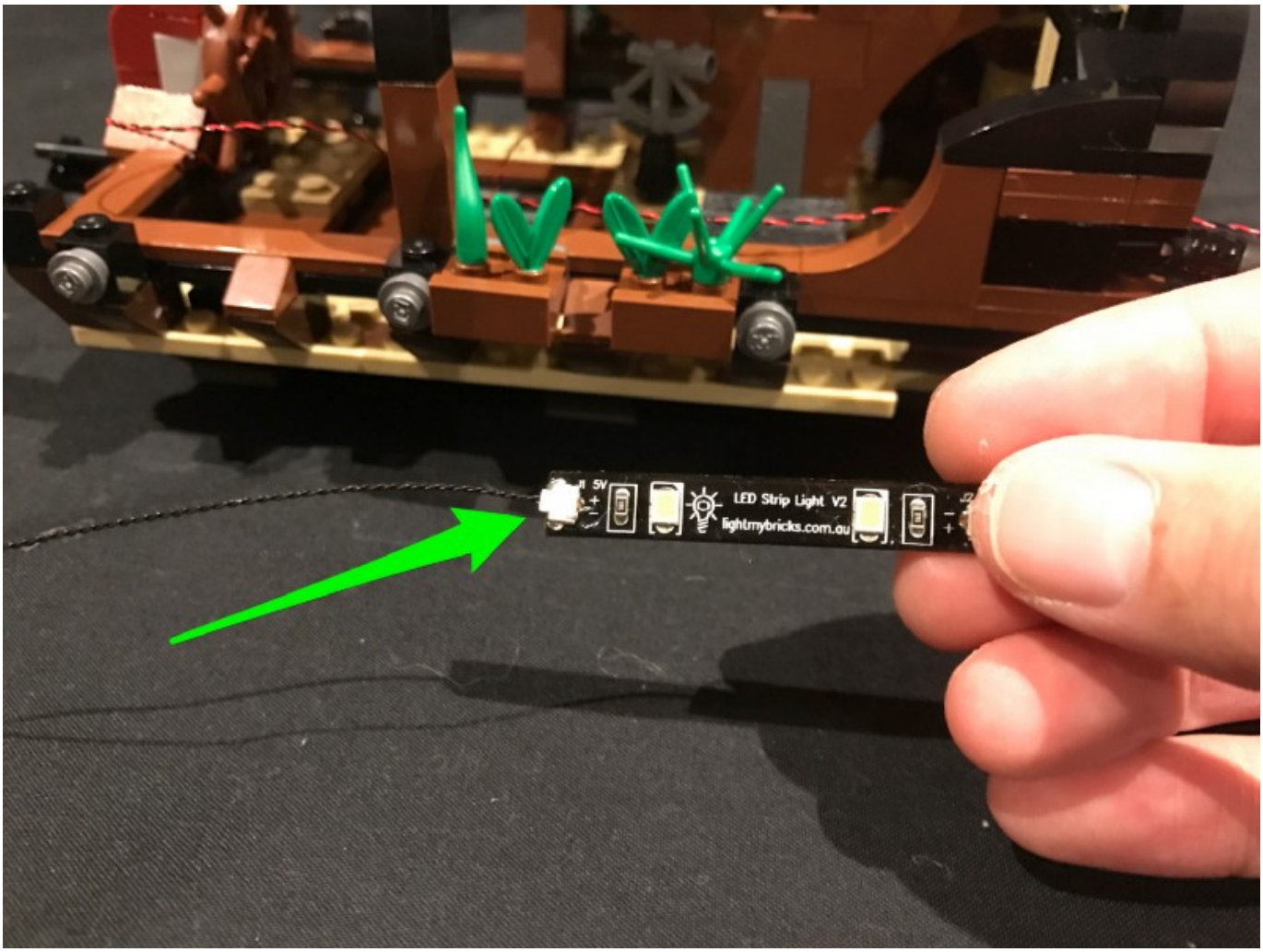




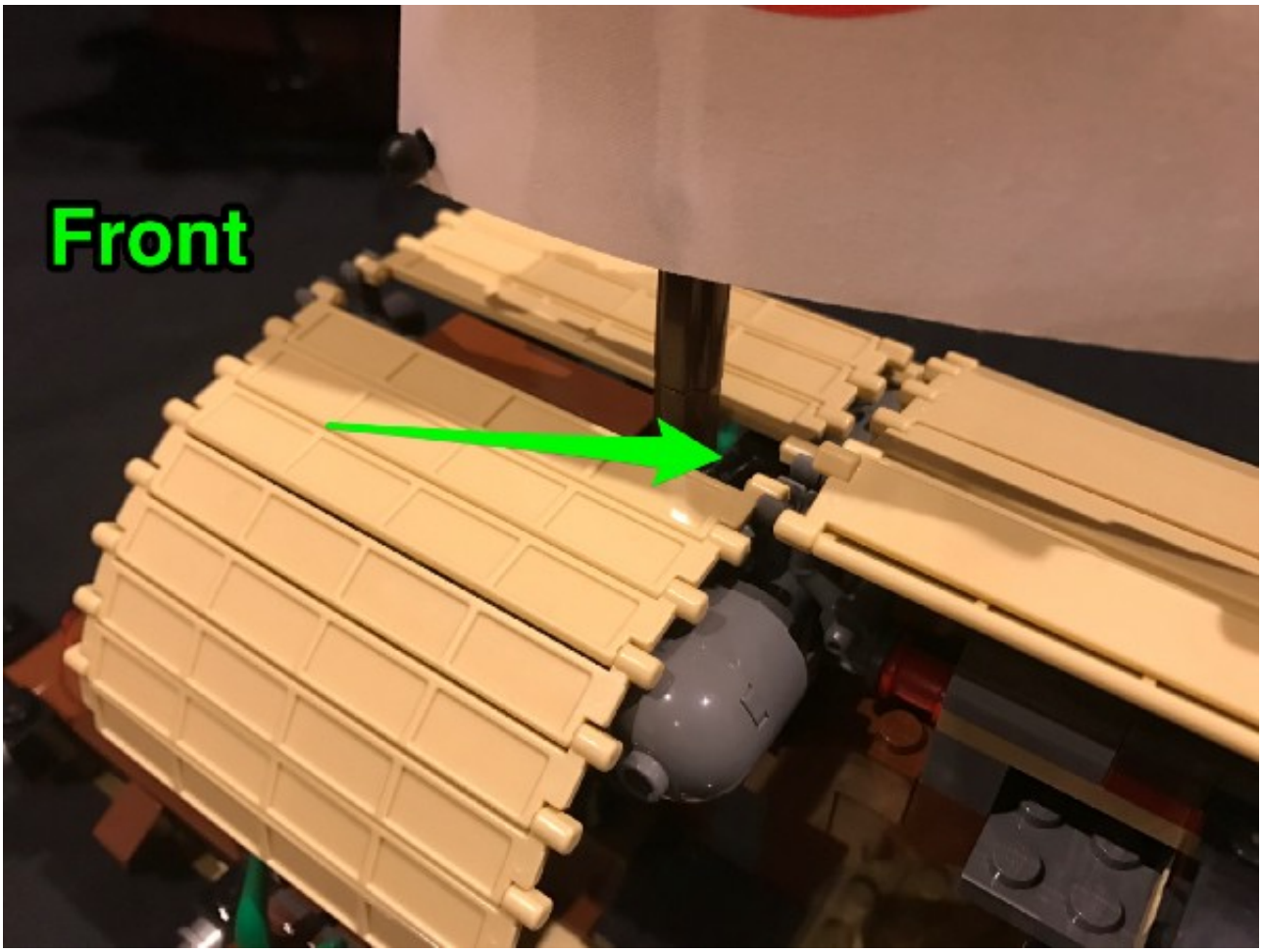
Close up the gap and then reconnect pieces we removed earlier.

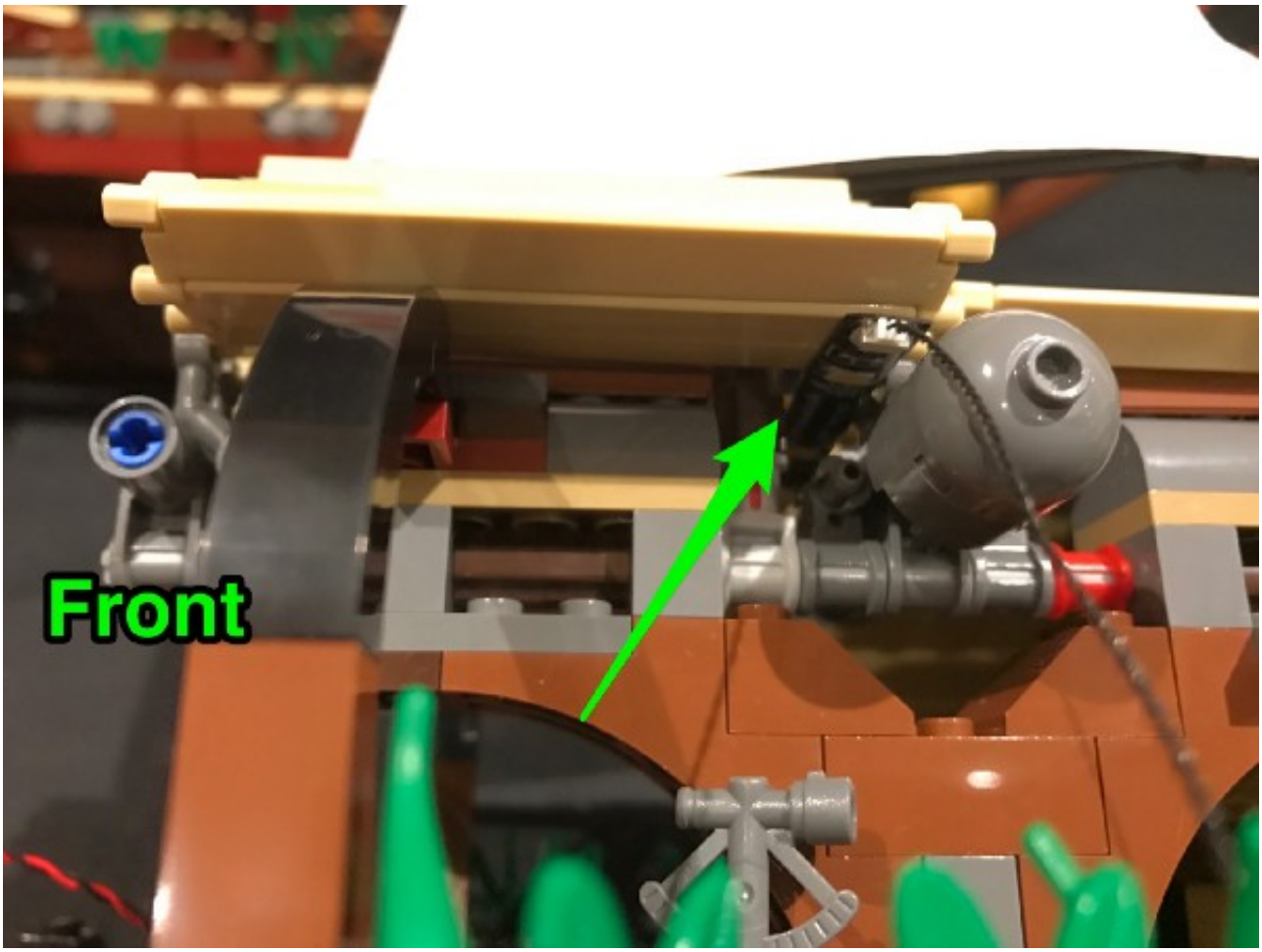


23.) Take a **White Strip Light** and connect a **15cm Connecting Cable** to the left port.

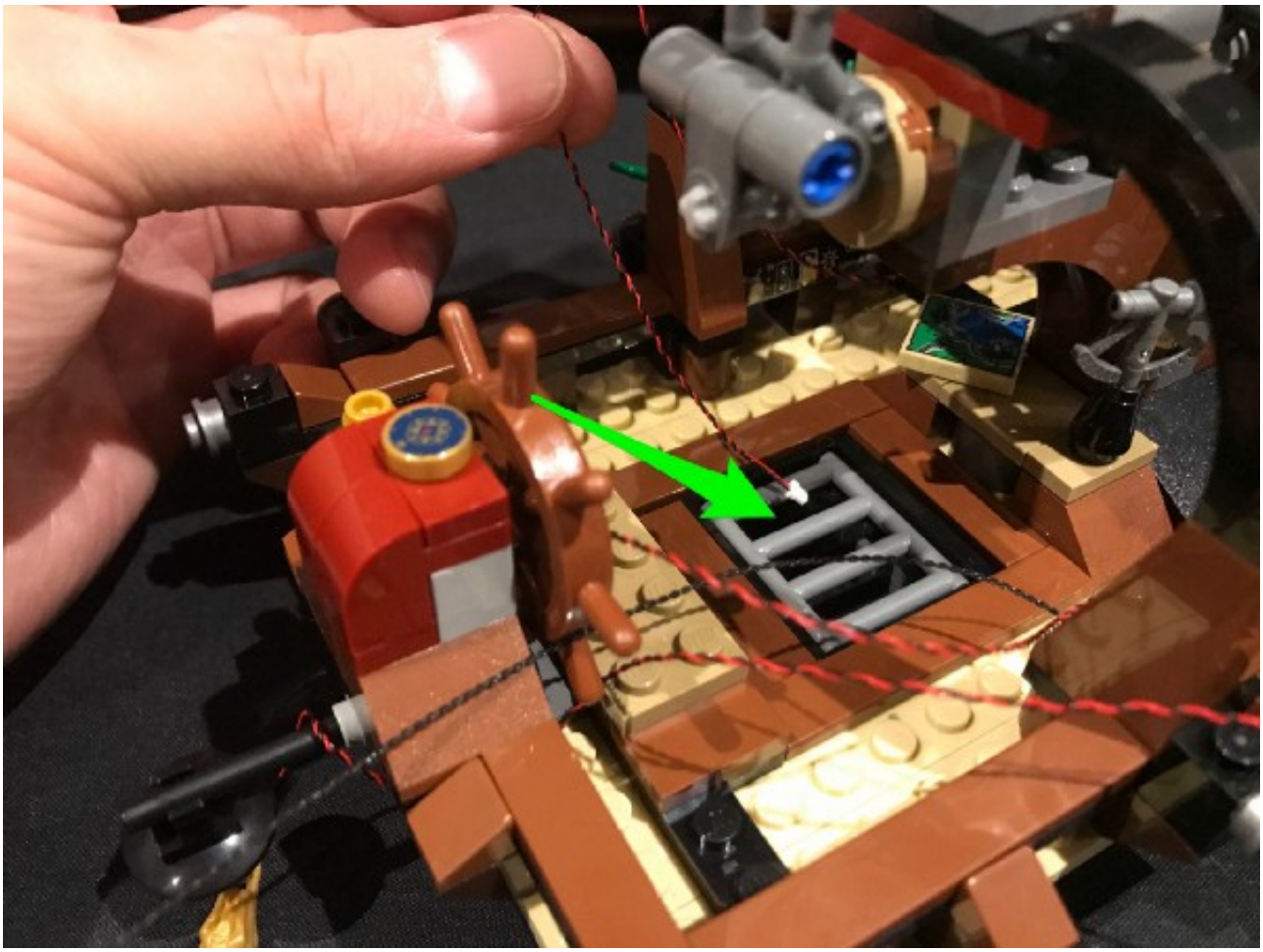


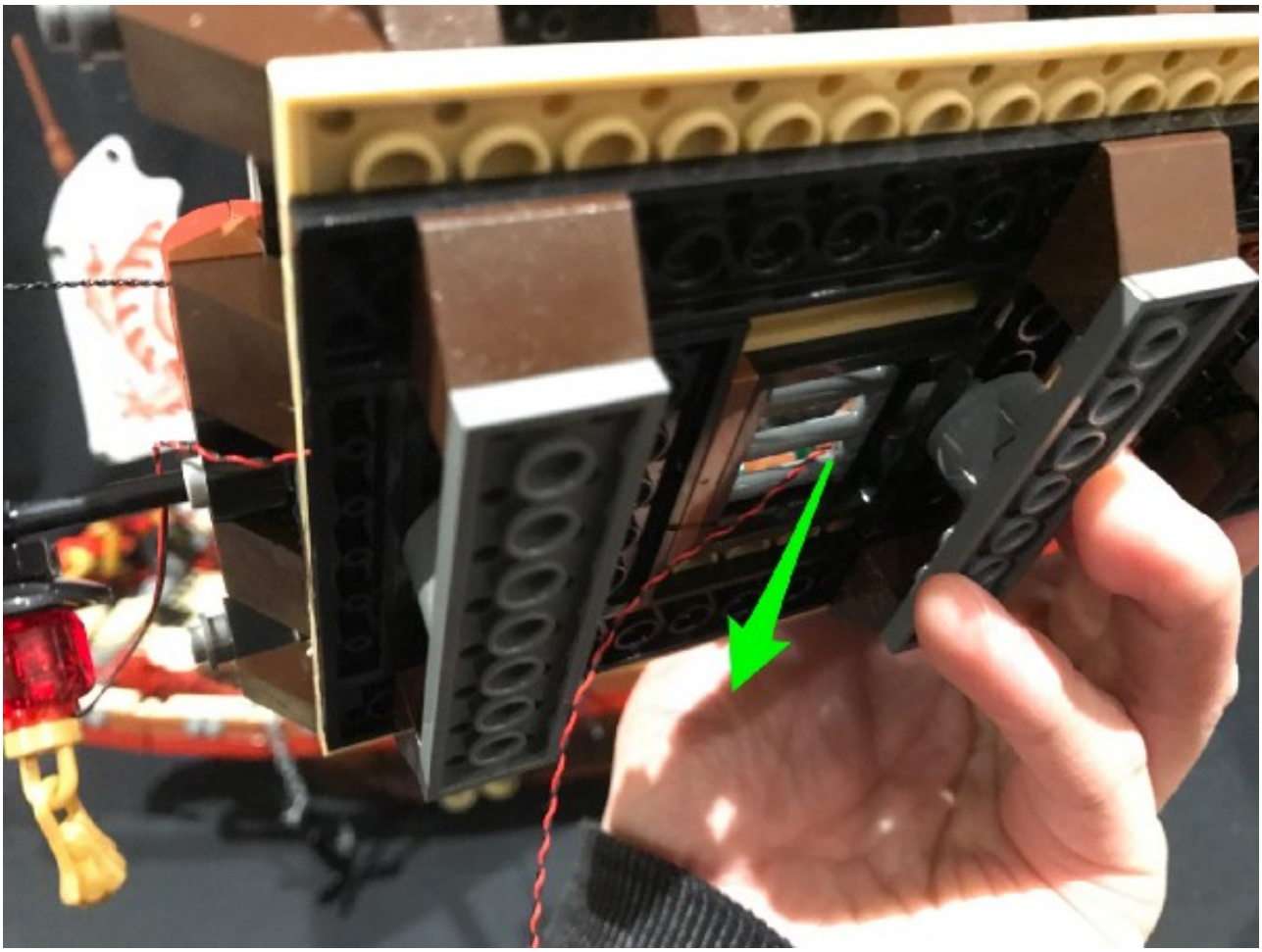
Using the adhesive backing, stick the strip light underneath the roof of the upper deck in the following position. The Strip Light should be placed in the middle between the two front roof flaps.

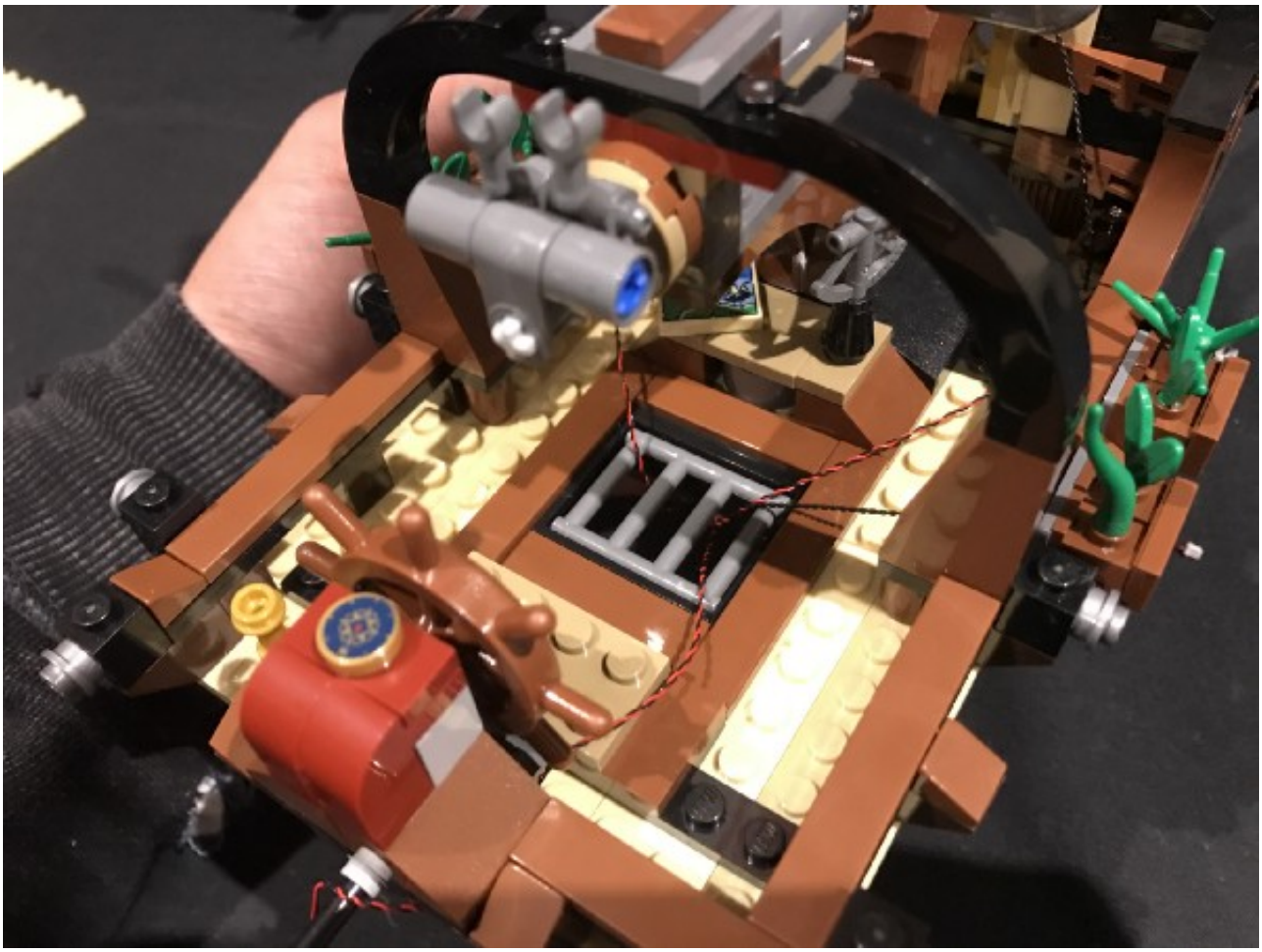

Front

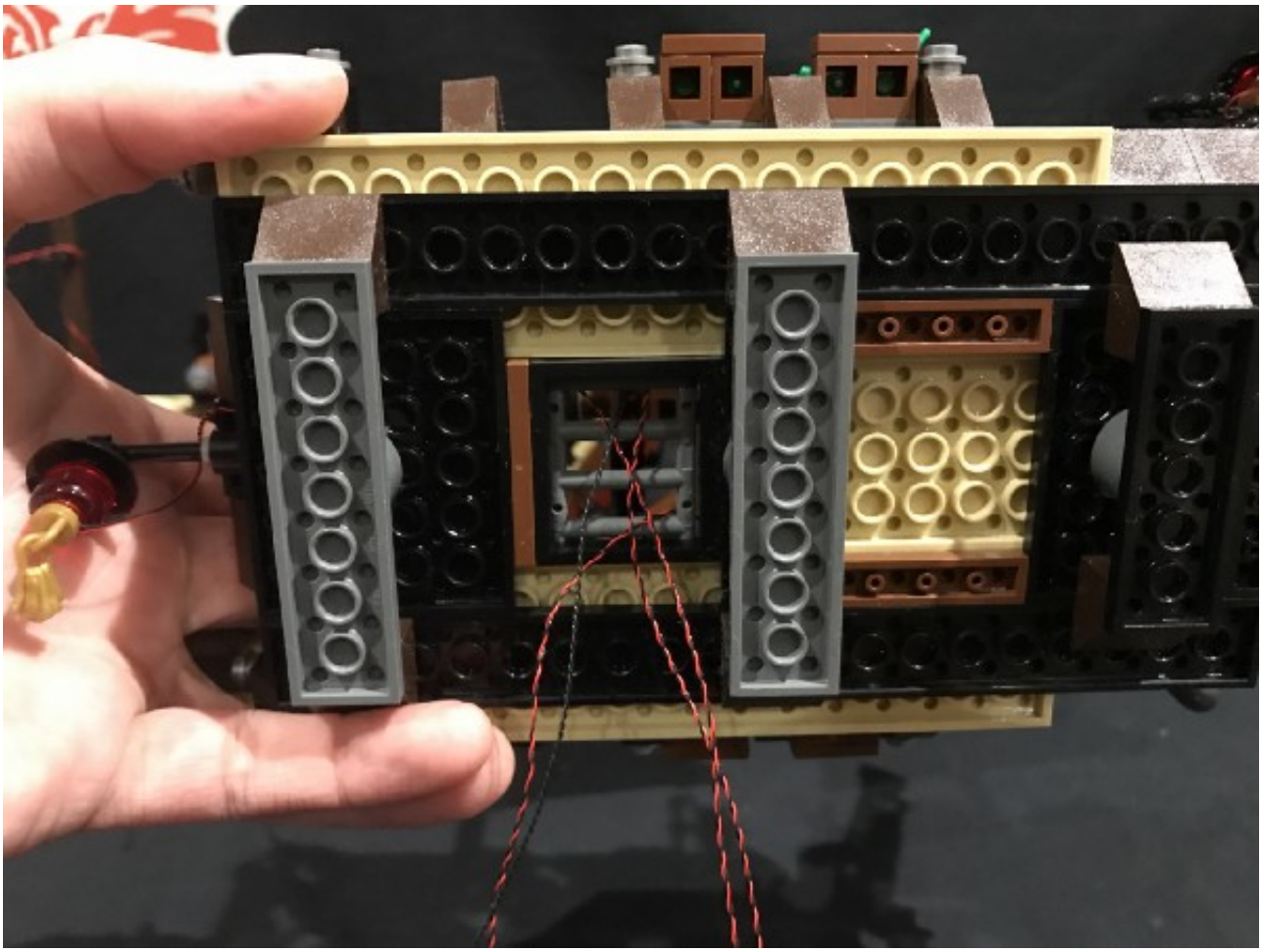

Front

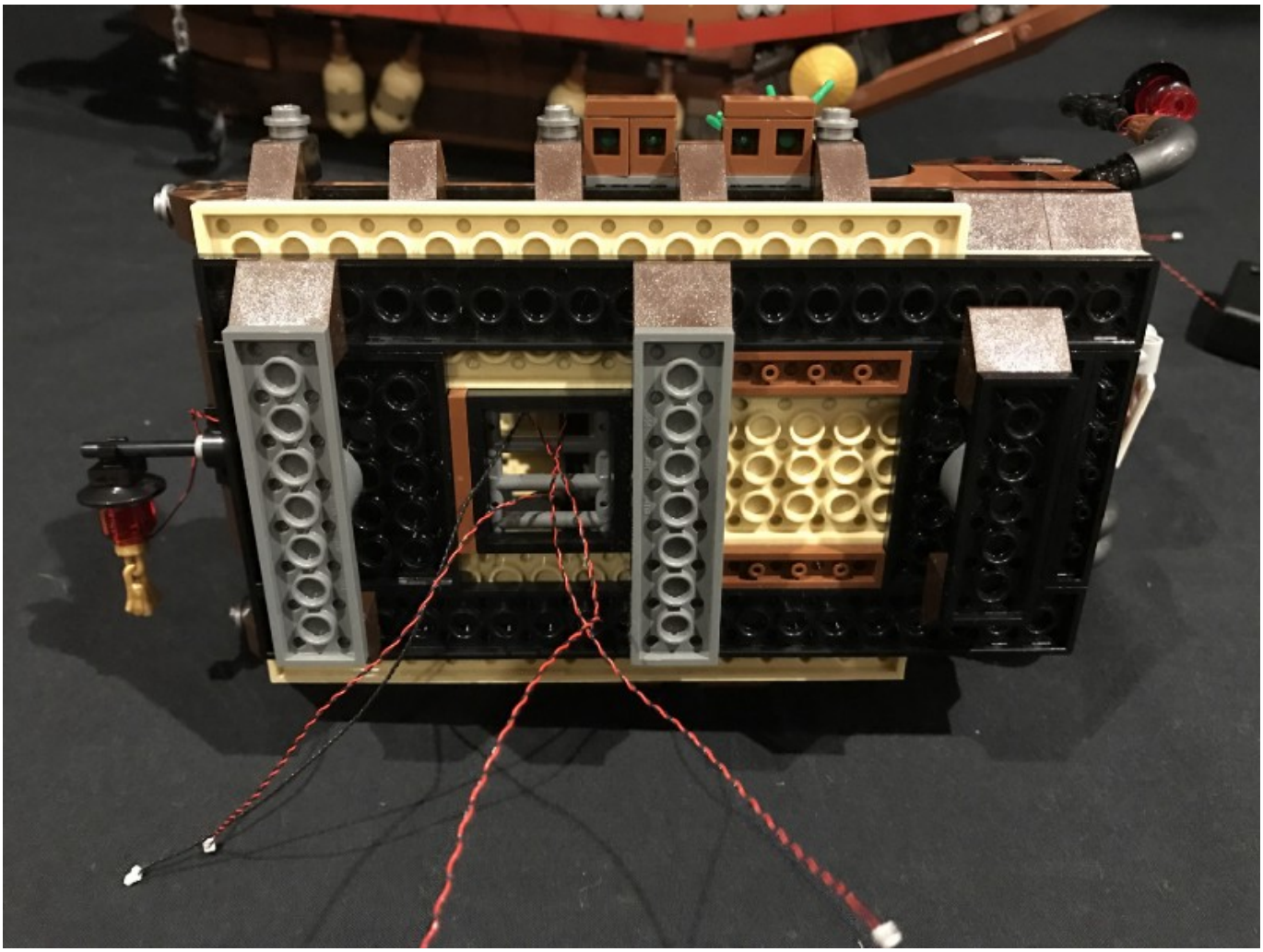
24.) Take all the cables from the upper level and then thread them down the bars which lead to the lower level. Lift the whole section up and then pull the cables down from underneath.



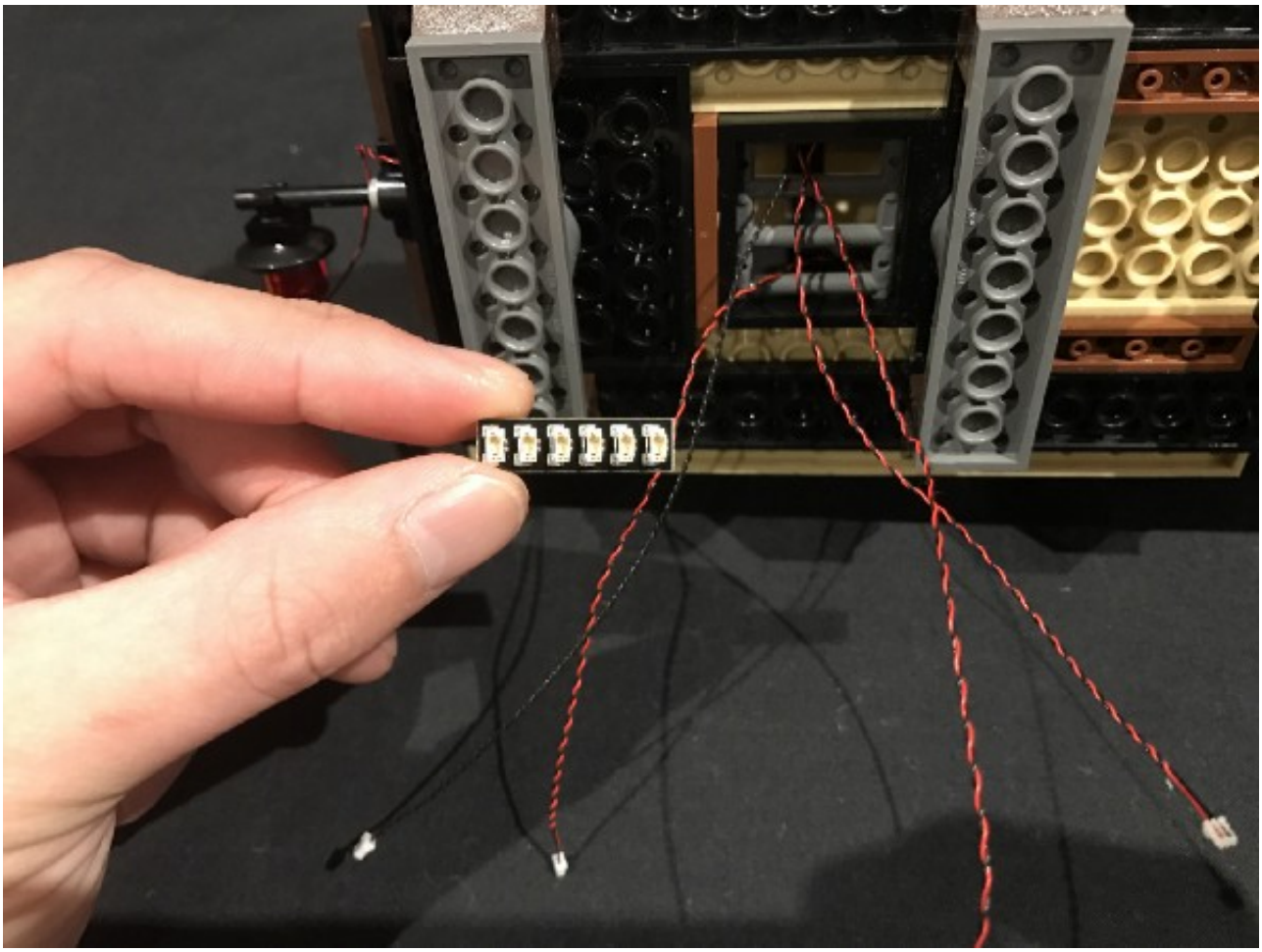


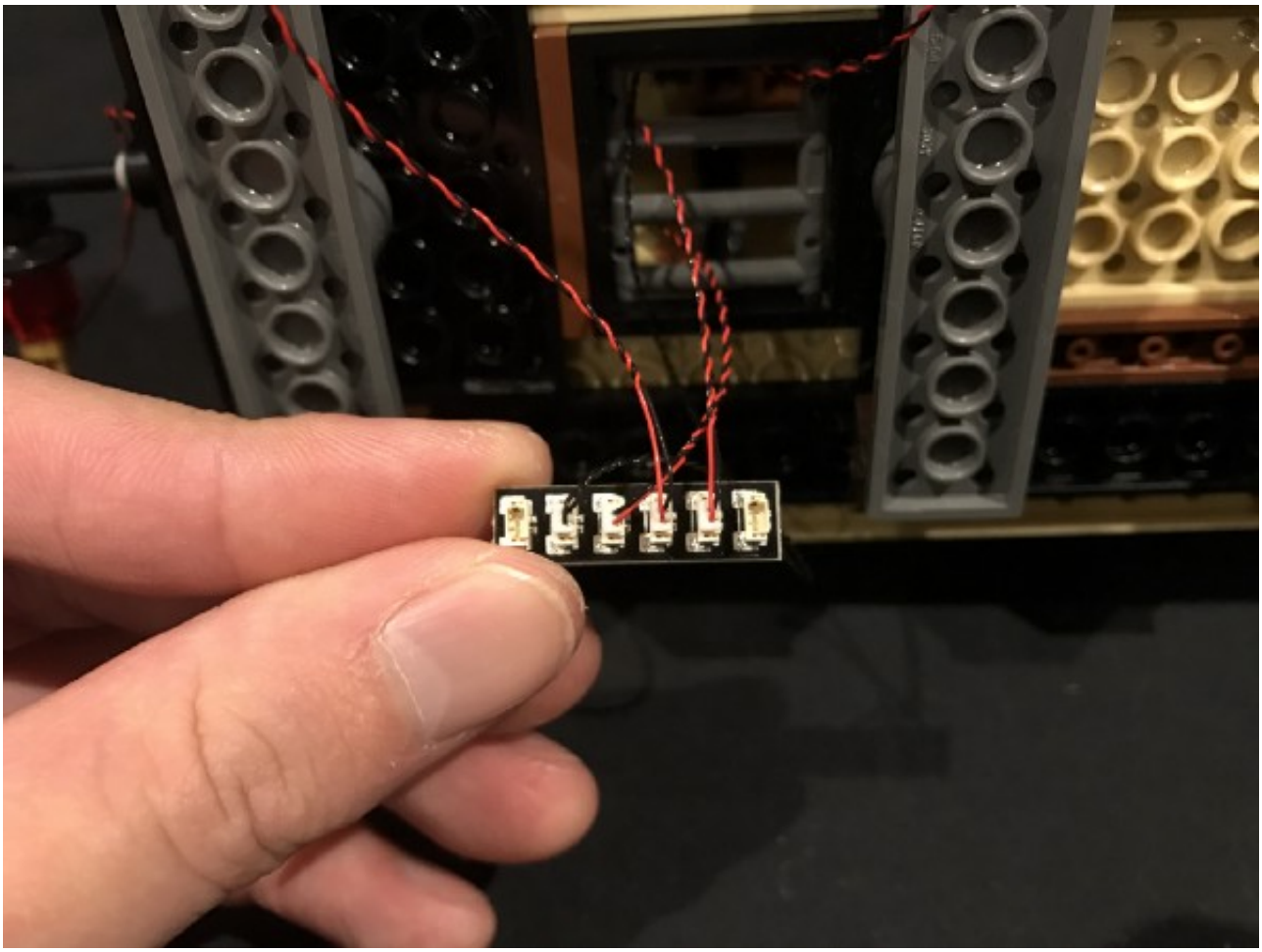




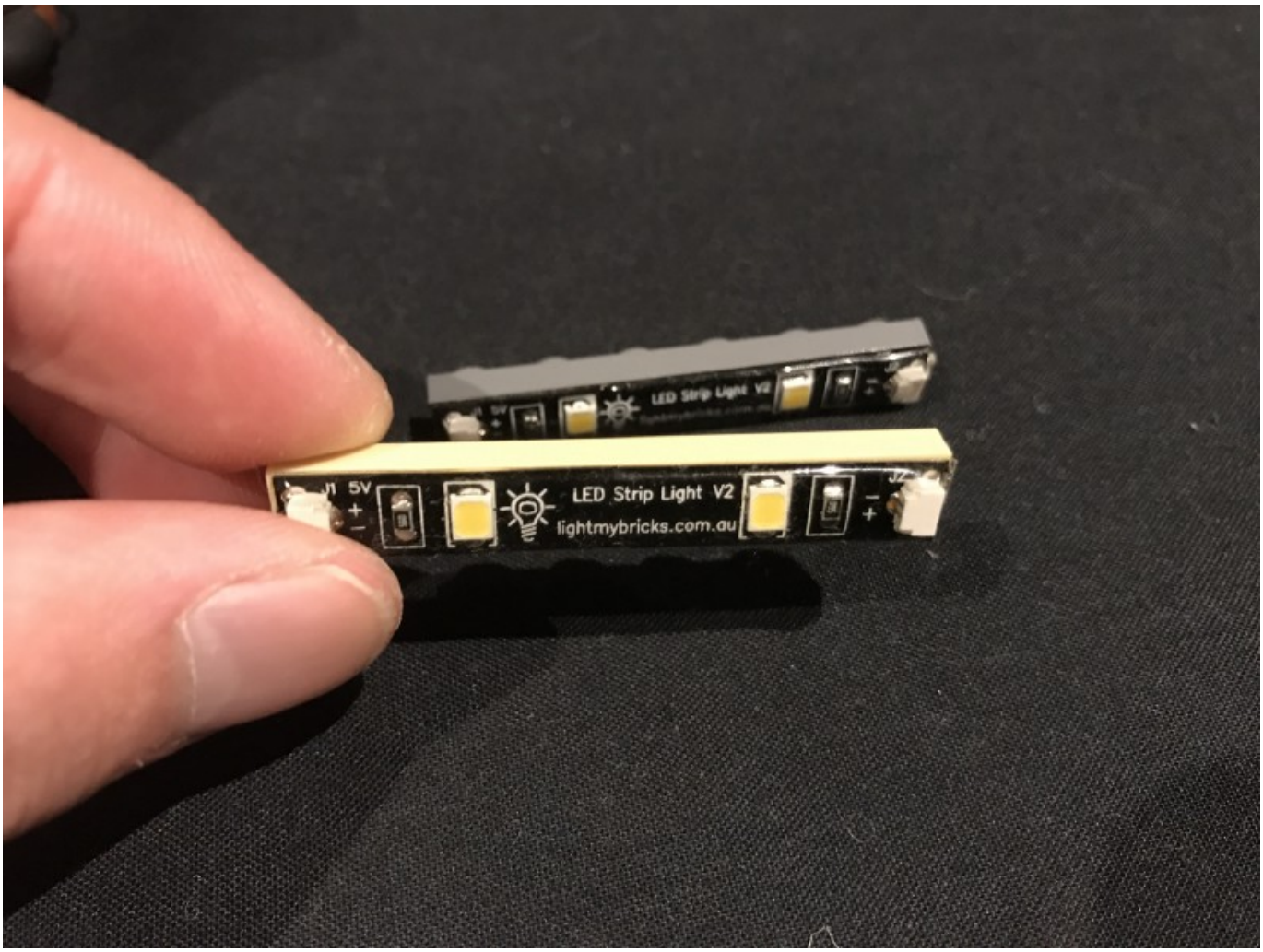


25.) Take a **6-port Expansion Board** and then connect all four cables to the available ports.

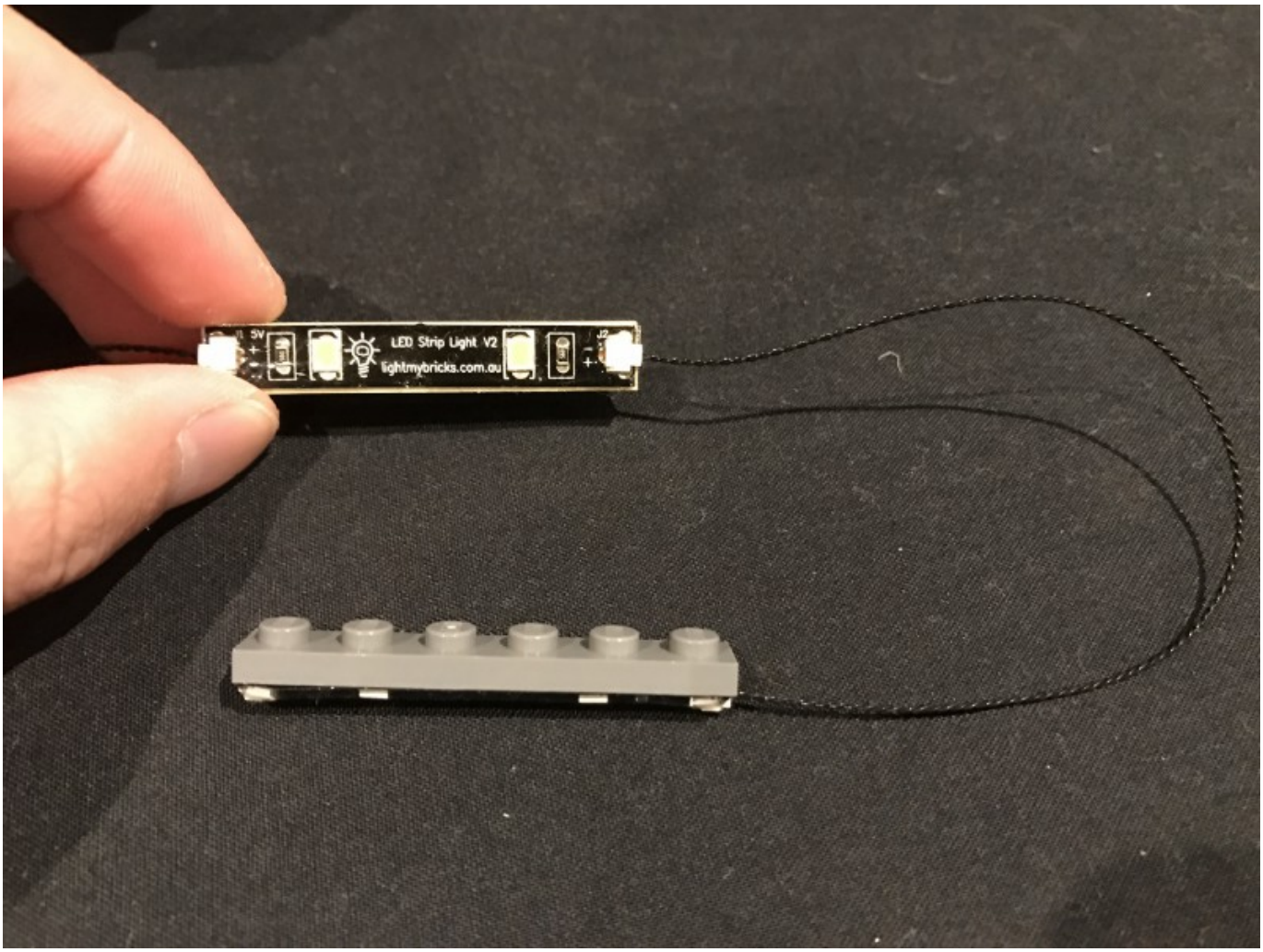




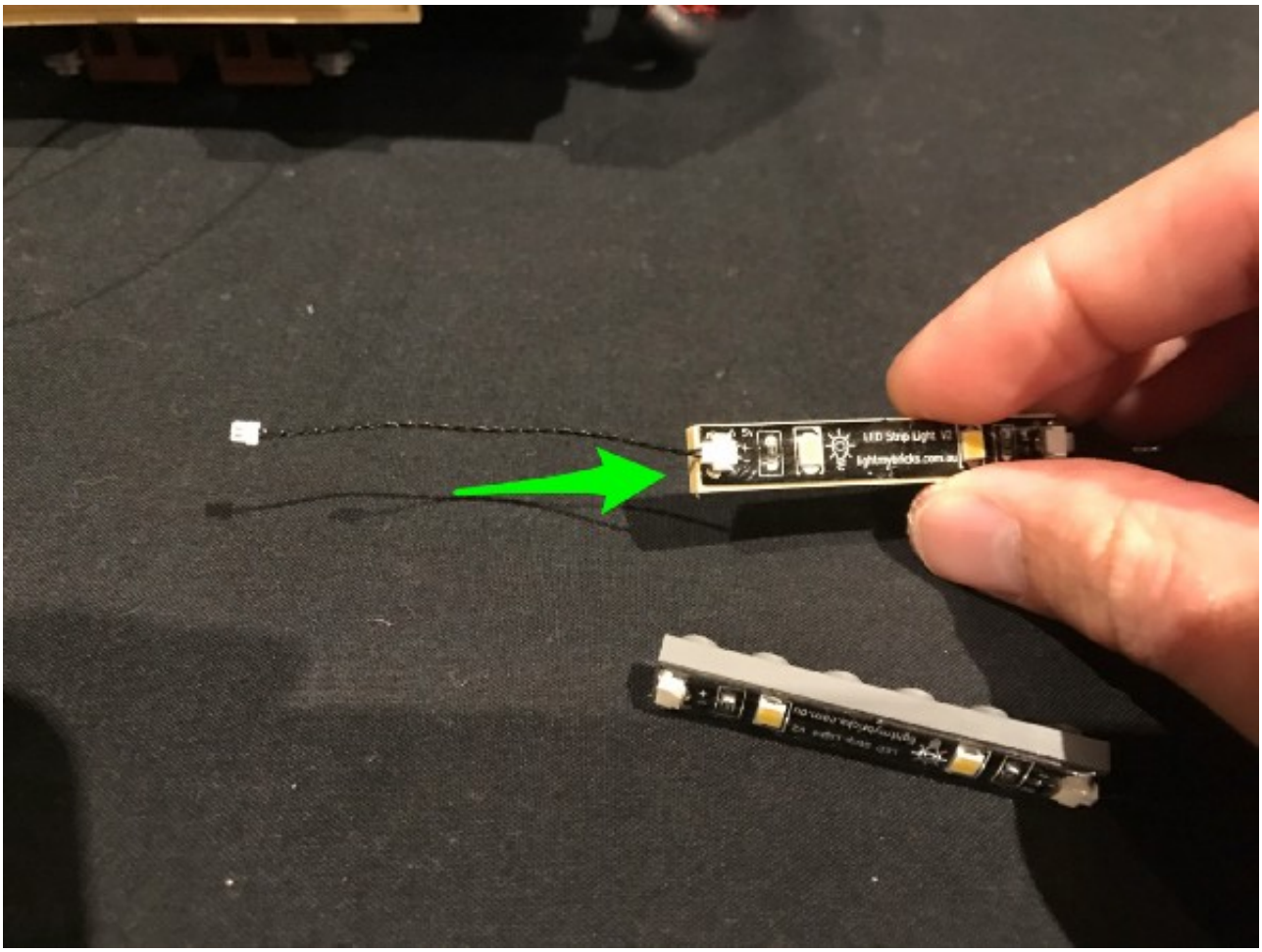
26.) Take **2x White Strip Lights** and then stick them (using their adhesive backing) onto the base of the **2x provided LEGO 1×6 Plates**.

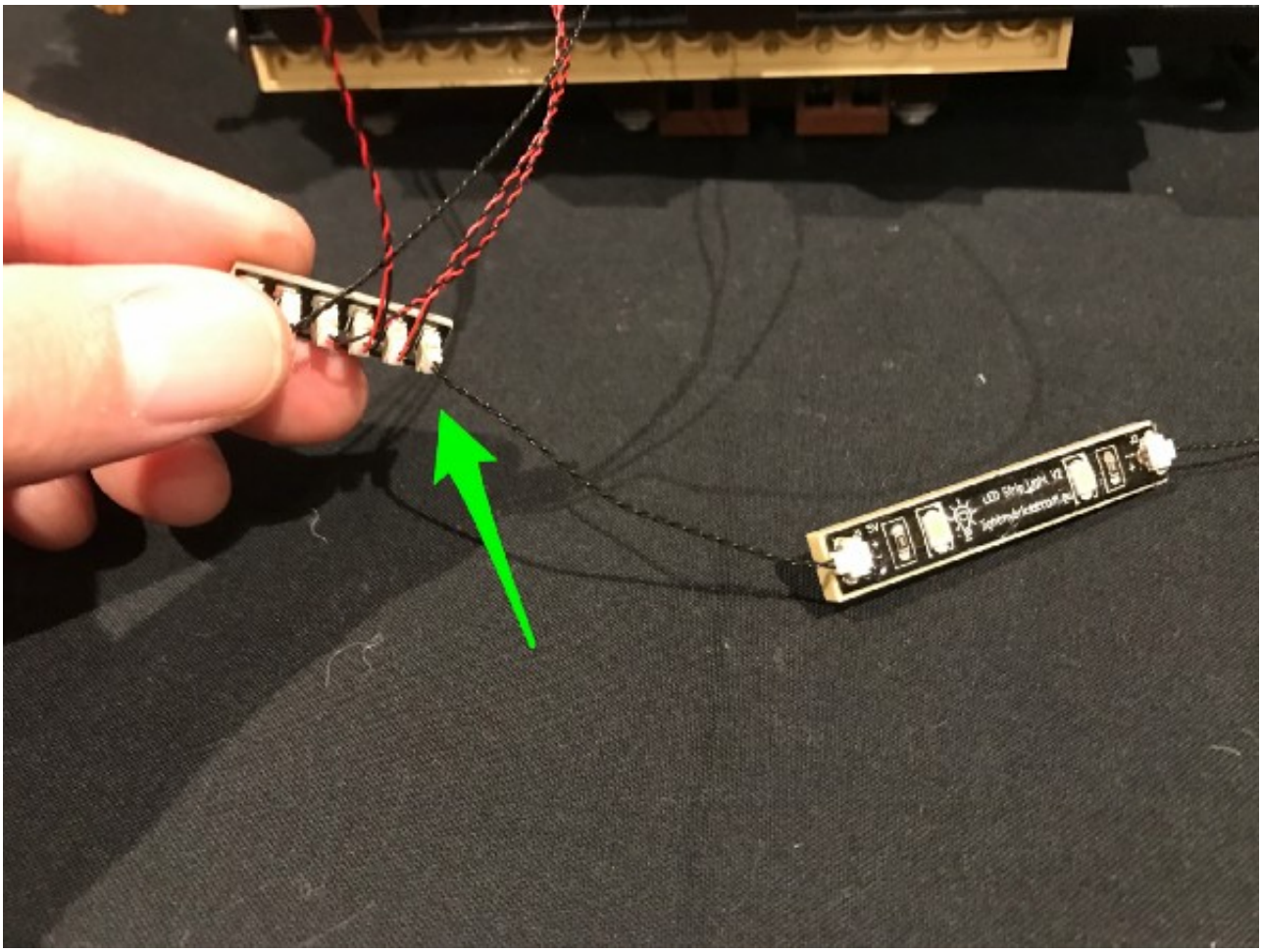


Take a **15cm Connecting Cable** and then connect them in between the strip lights.

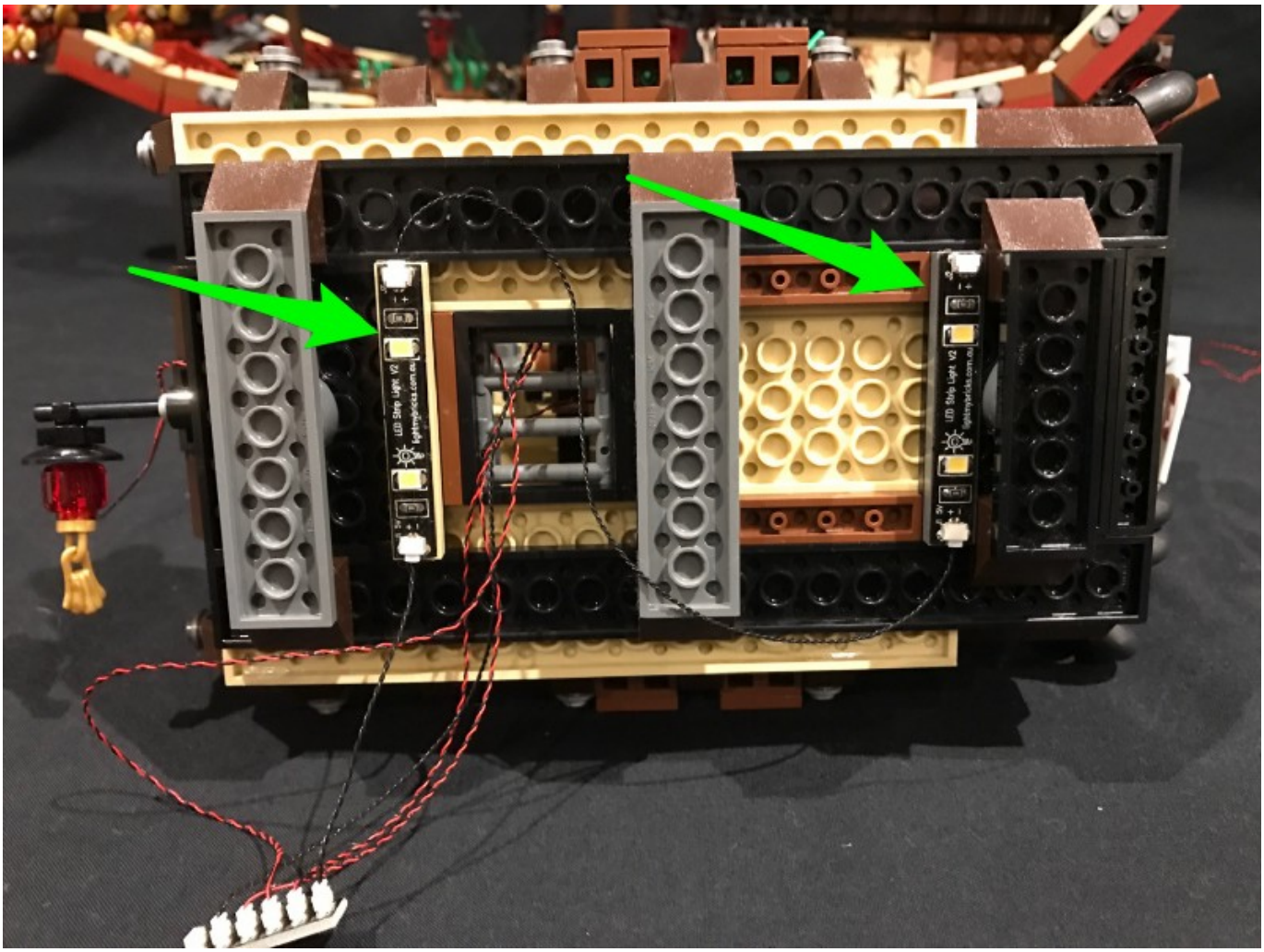


Take a **5cm Connecting Cable** and connect it to one of the strip light ports and then connect the other end into the 6-port expansion board.

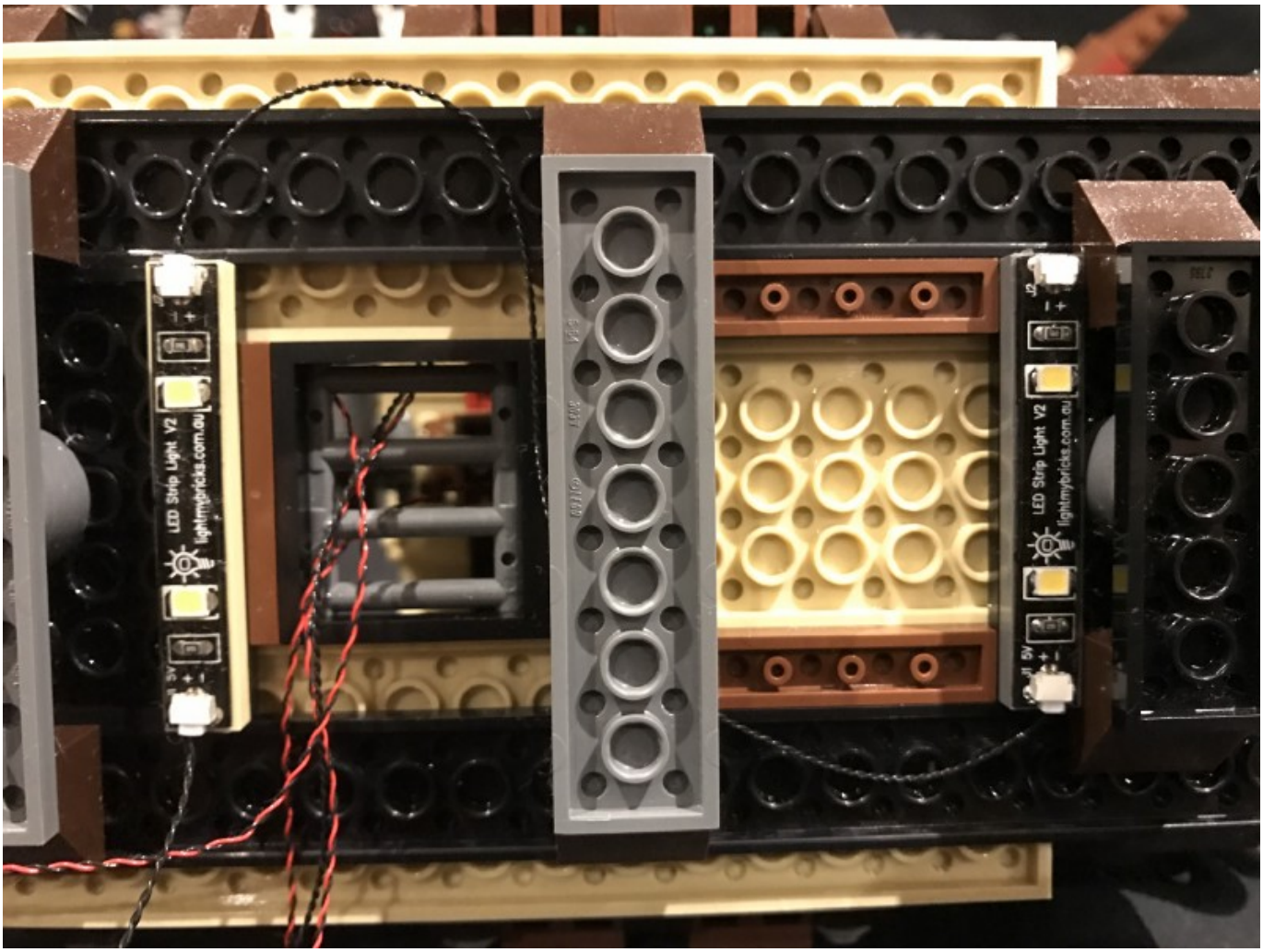




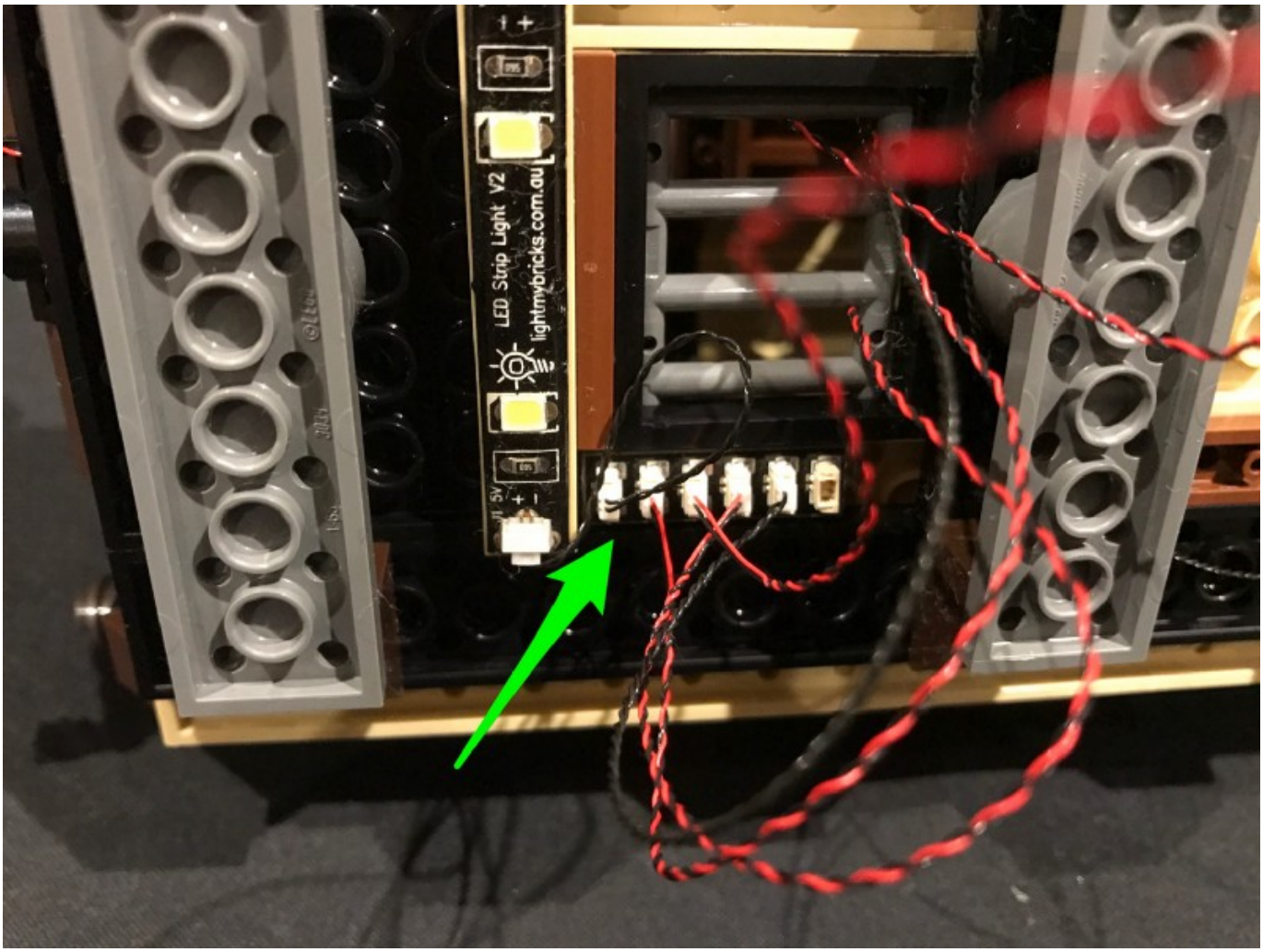
27.) Connect both strip lights underneath the upper level section in the below positions. Ensure the strip light with the spare port is closest to the back of the ship.



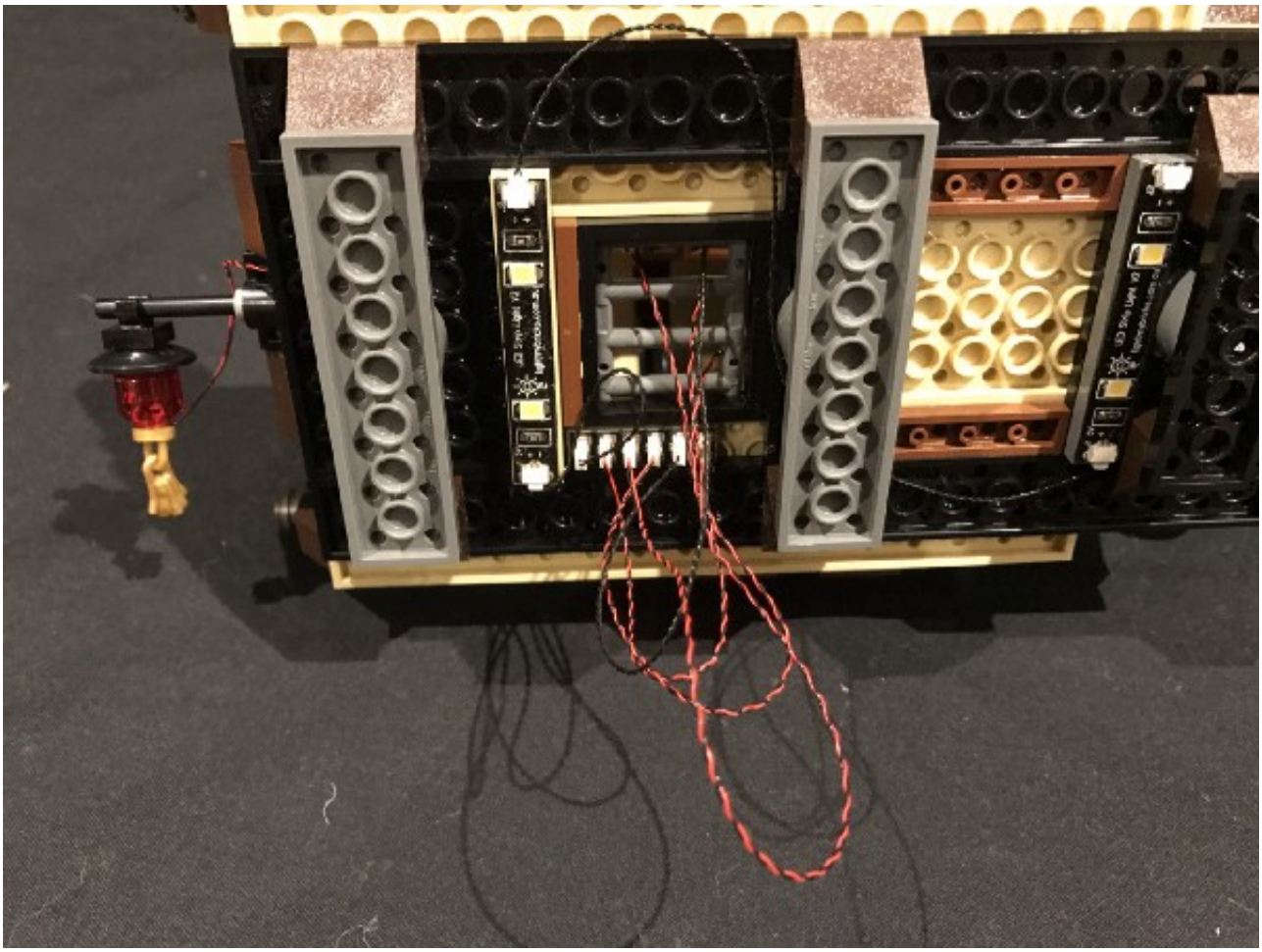
Hide the 15cm cable underneath the grey 2×8 plate as per below.

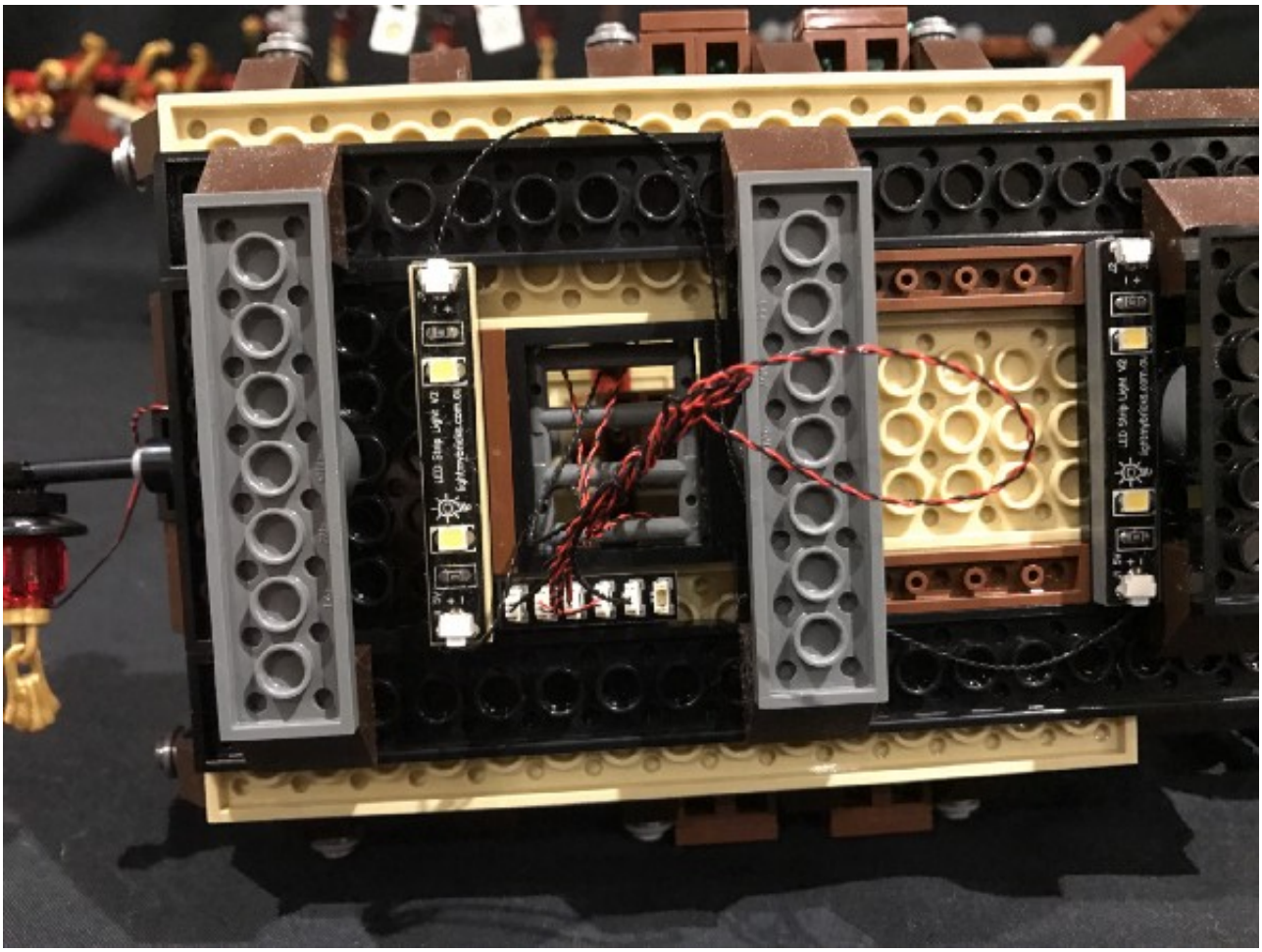


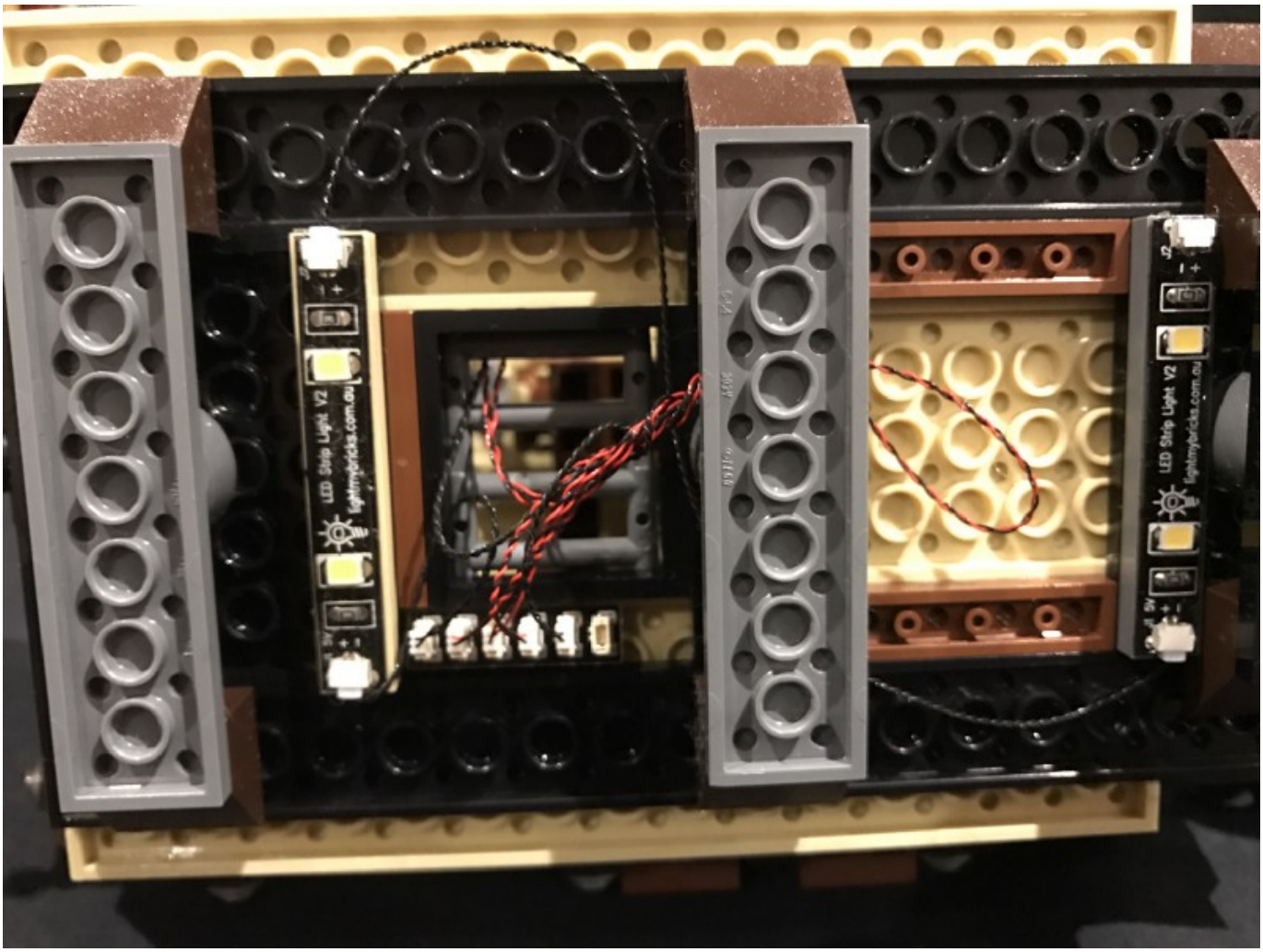
28.) Use the provided **double sided adhesive squares** to mount the expansion board to the following position.



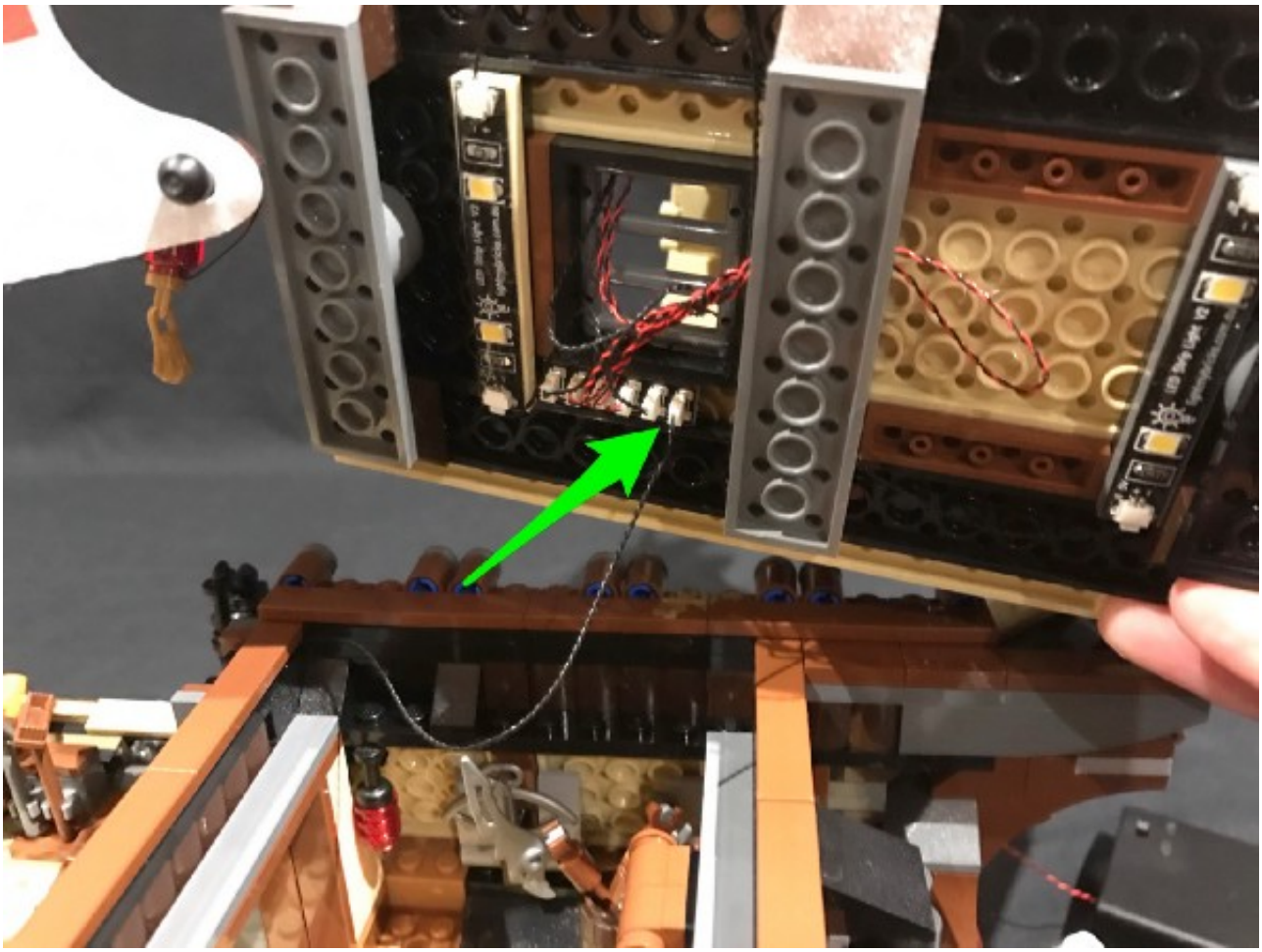
29.) Pull all the excess cables down and twist them together before tucking them inside underneath the grey 2×8 plate.



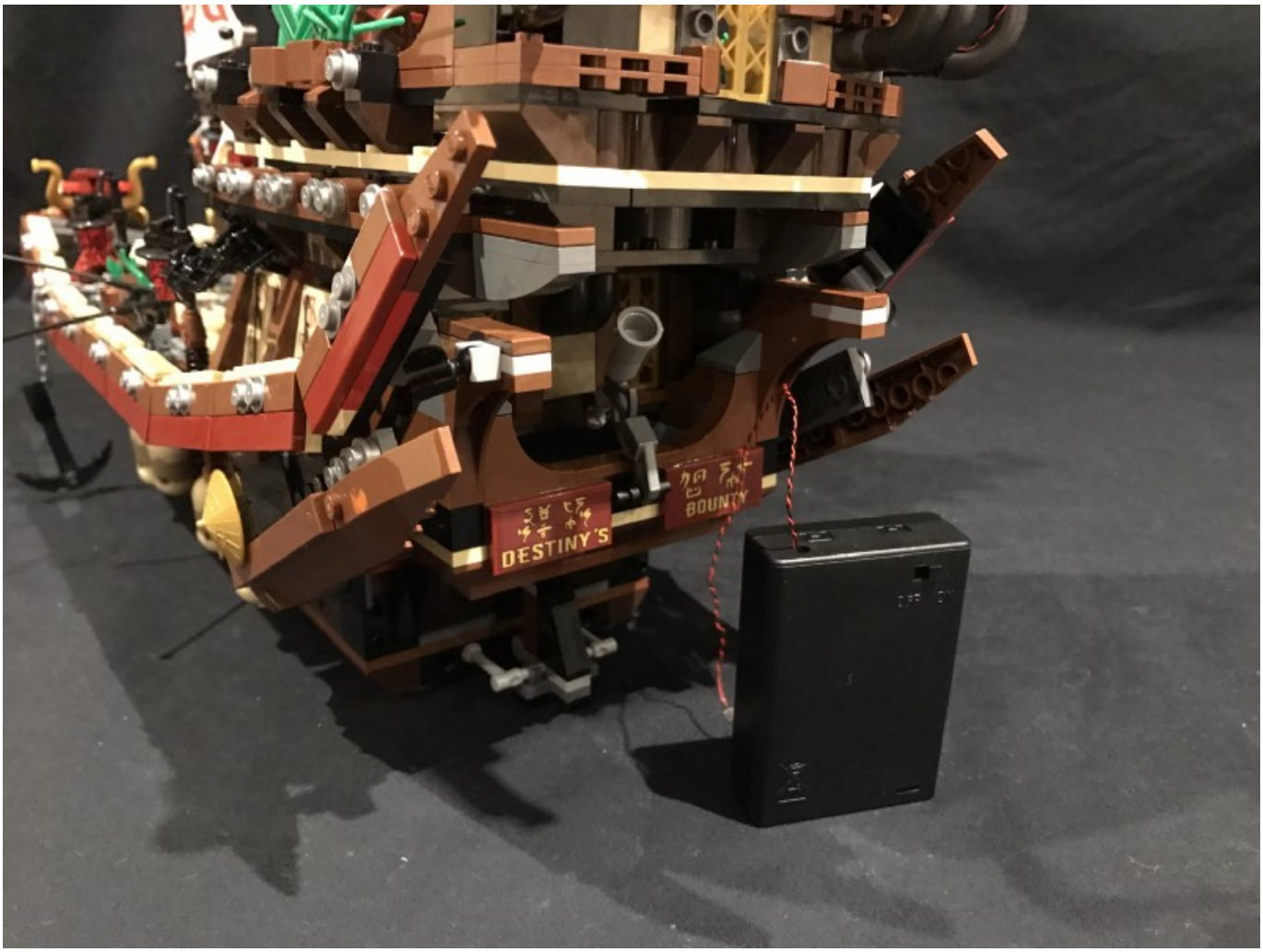


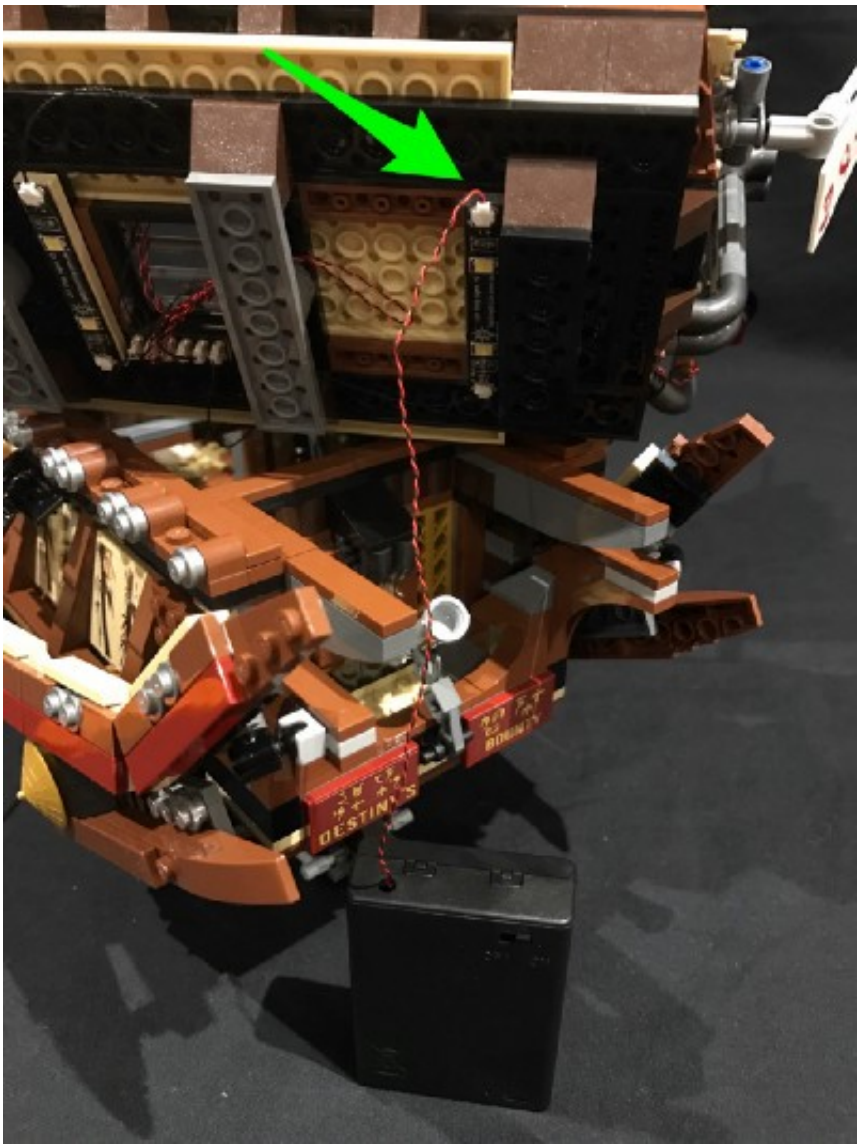


30.) Bring the entire upper level over the ship and then locate the other end of the 30cm connecting cable from below and connect it to the spare port on the 6-port expansion board.



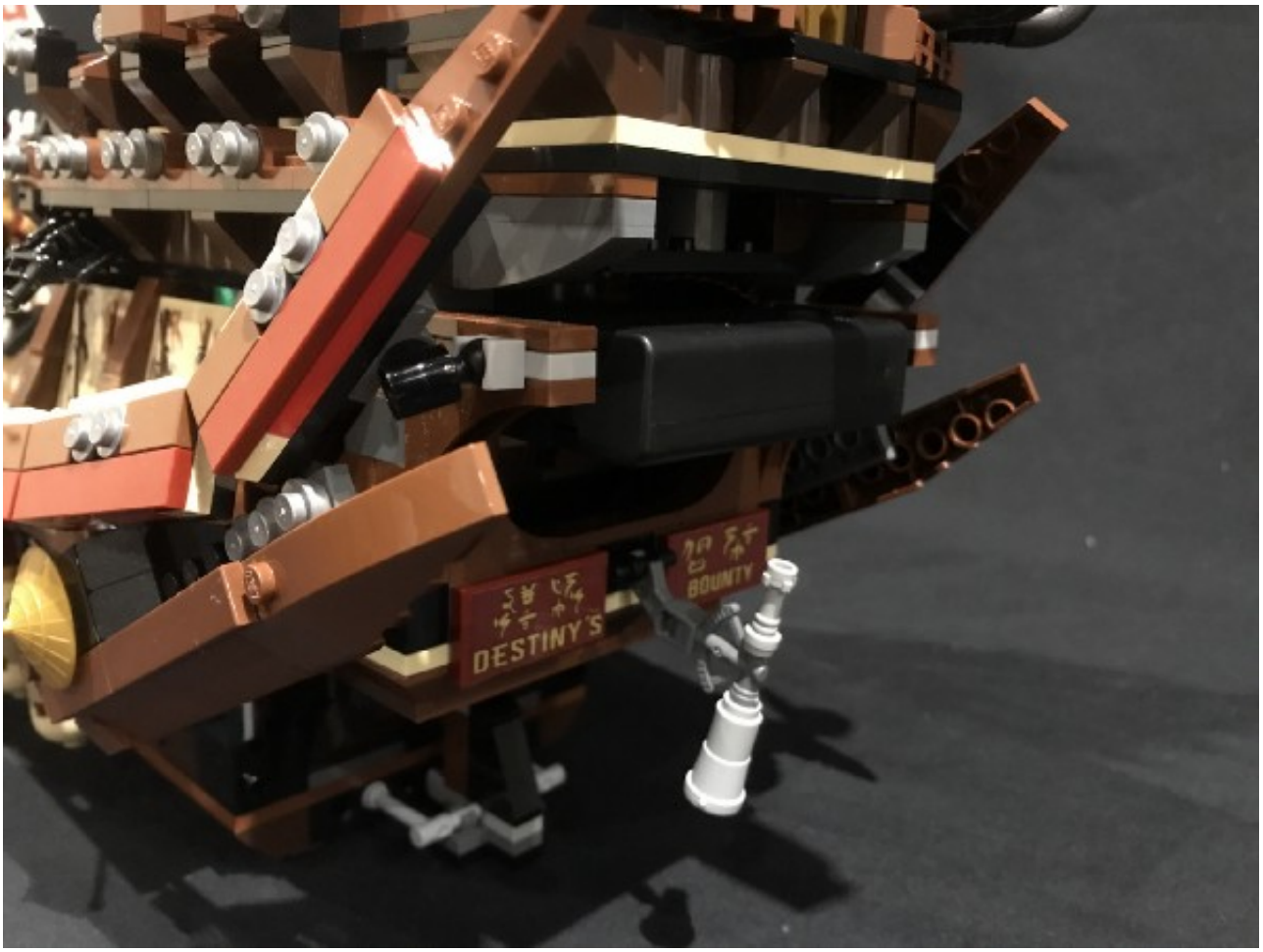
31.) Before reconnecting the upper level, take the **AA Battery Pack** and place it behind. Connect the battery pack cable into the strip light towards the back.

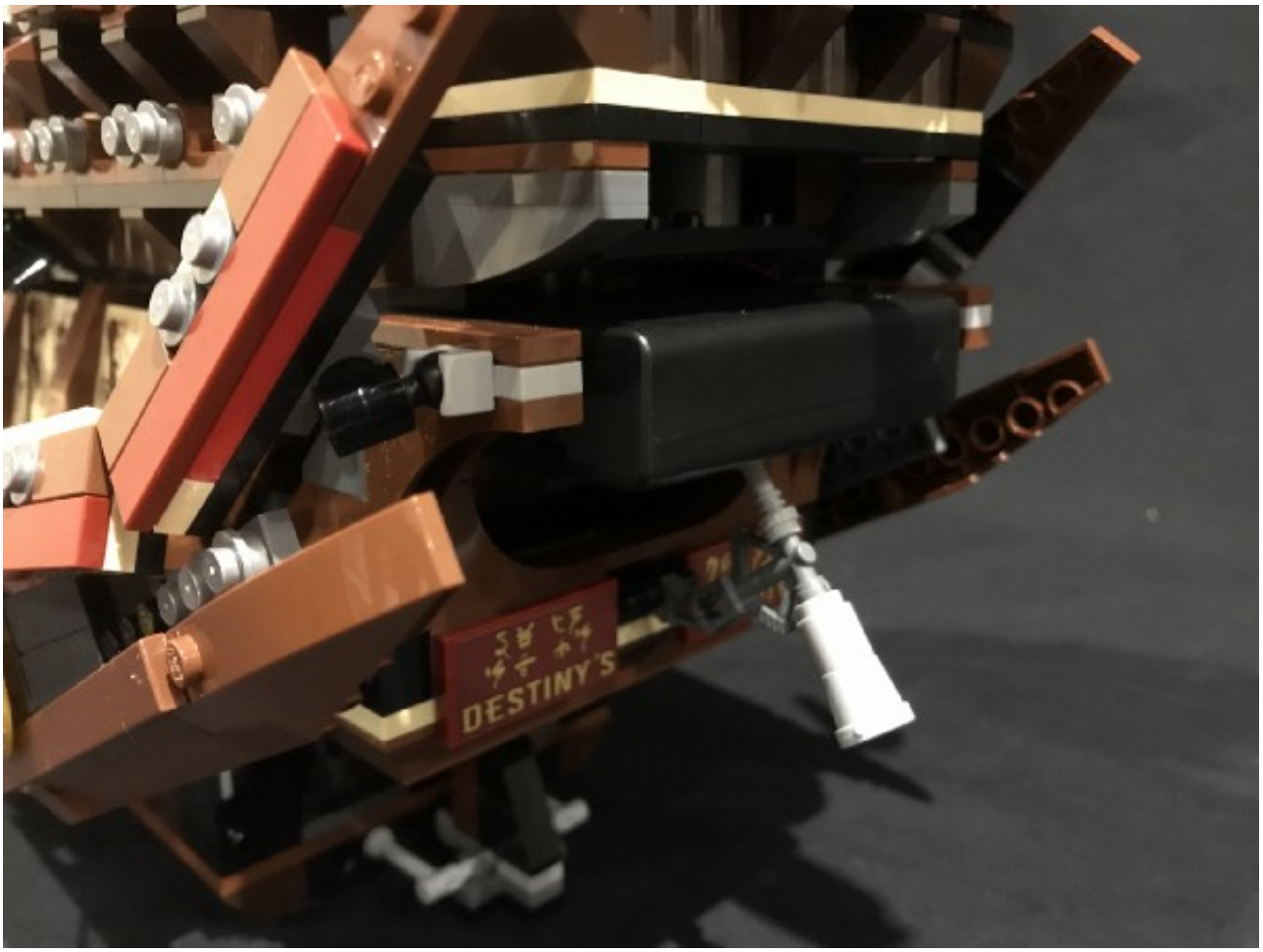




You can now securely reconnect the upper level.

For easy mobility, the battery pack can be fitted nicely in the back in between the upper and lower levels. Just ensure you fold down the telescope before doing so.


DESTINY'S
BOUNTY


DESTINY'S

This finally completes installation of the Destiny’s Bounty Lighting Kit. Now turn the battery pack on and ENJOY!

Light My Bricks

Light My Bricks