

## SHIP IN A BOTTLE #21313 Basic Version

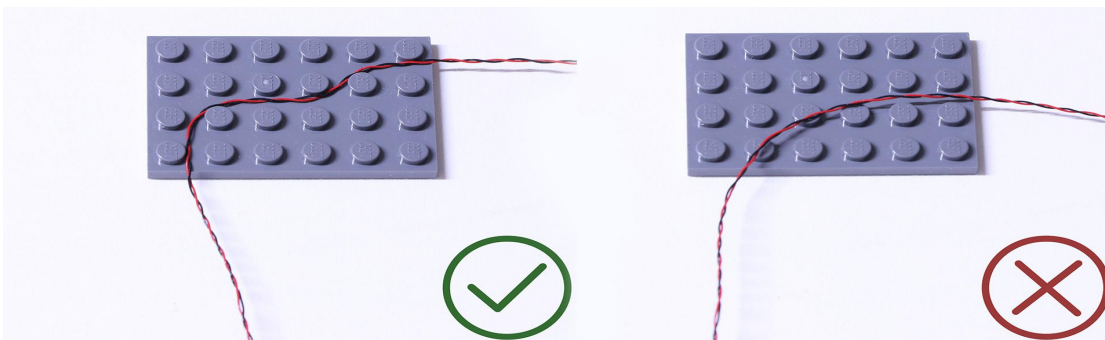
### Product parameters

Dot Light	15cm Warm White	1
Dot Light	30cm Warm White	2
Flashing Dot Light	Red 30cm	1
Expansion Board	6-Port	1
Battery Pack	AA	1
LEGO Plate Pieces		

### Note:

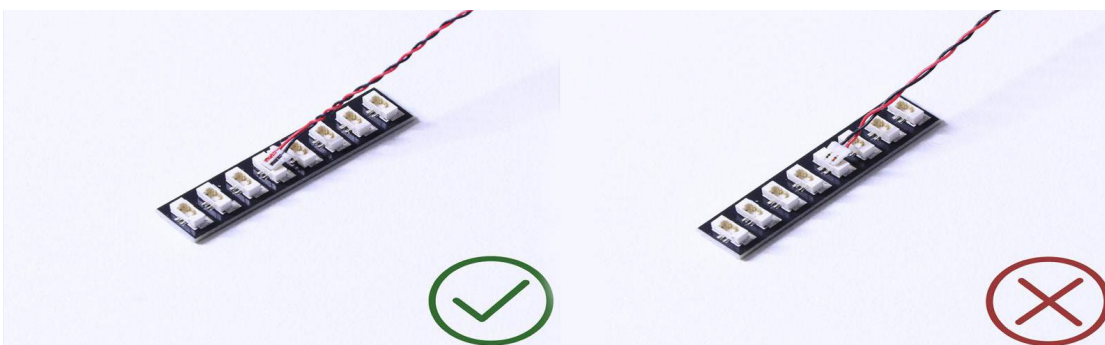
Place wires on the surface or under the LEGO building blocks.

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

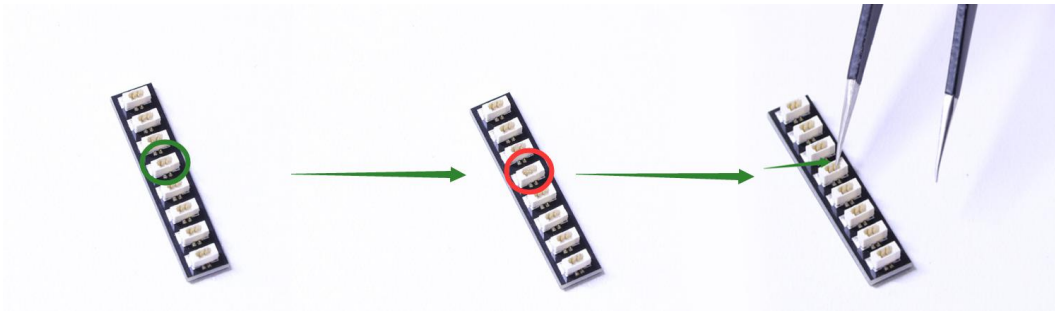


Insert the connectors to the ports.

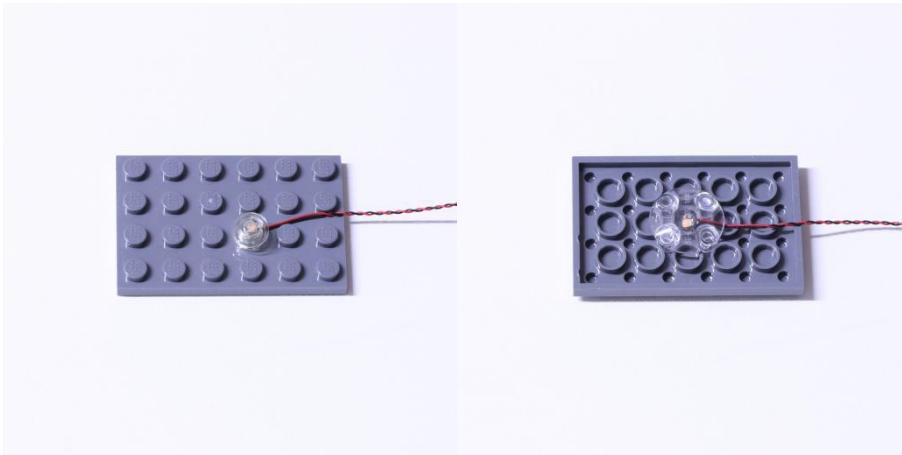
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop,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



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

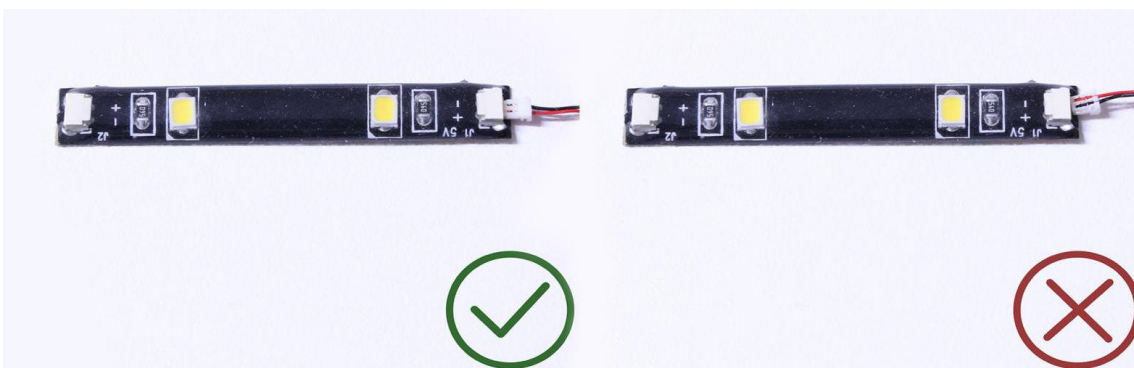


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

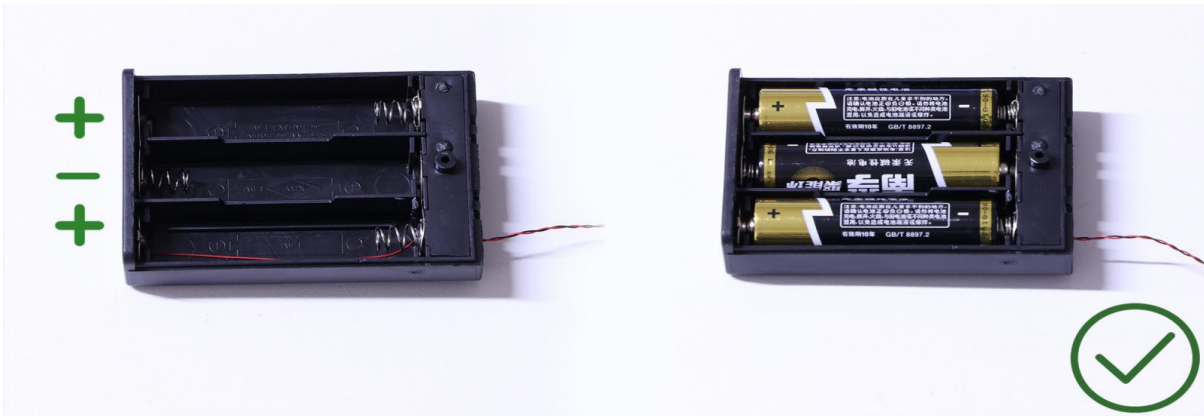


### Connecting cable connectors to Strip Lights

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



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

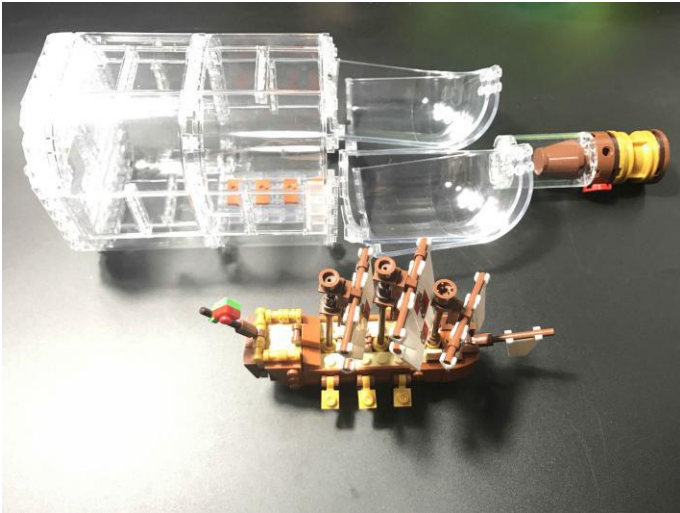


OK, Let's Begin!

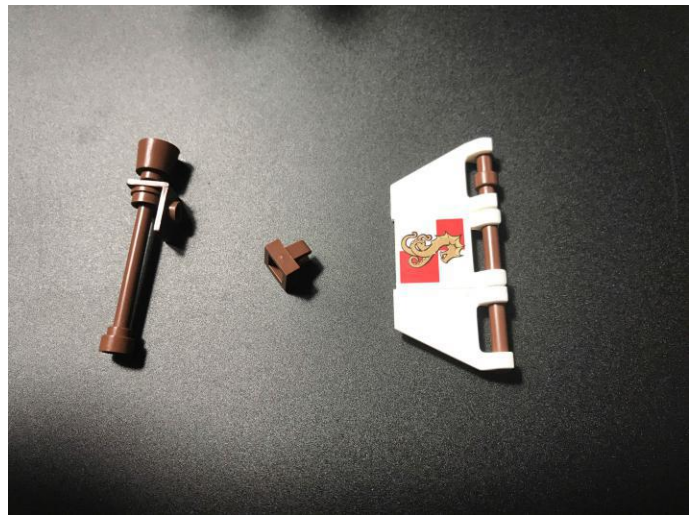
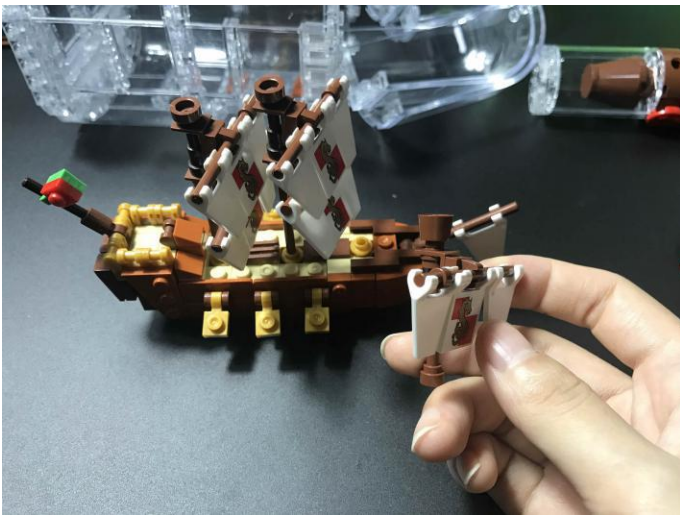


Instruction for this kit.

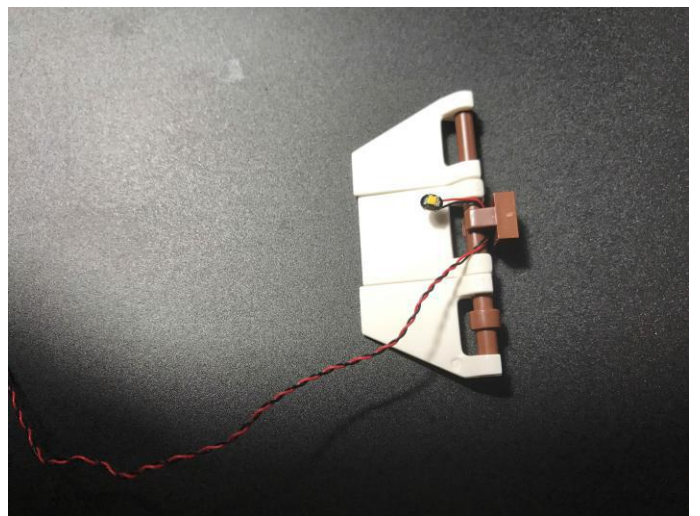
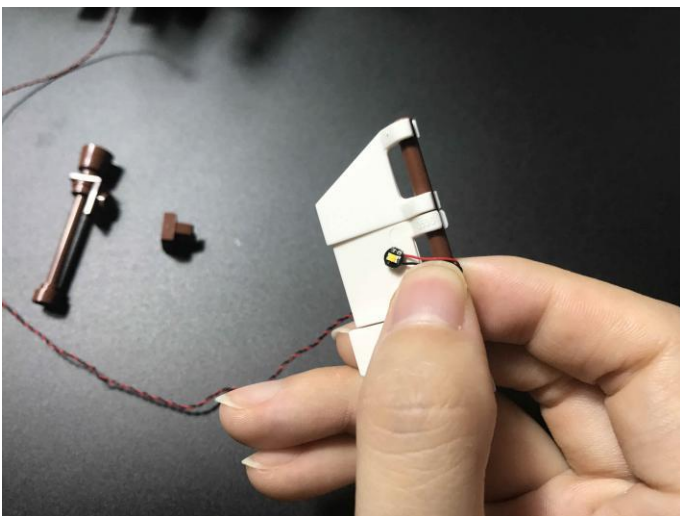
Open the bottle, take out the boat, and take two 30cm warm white dot lights.



Remove the first mast and disconnect the mast

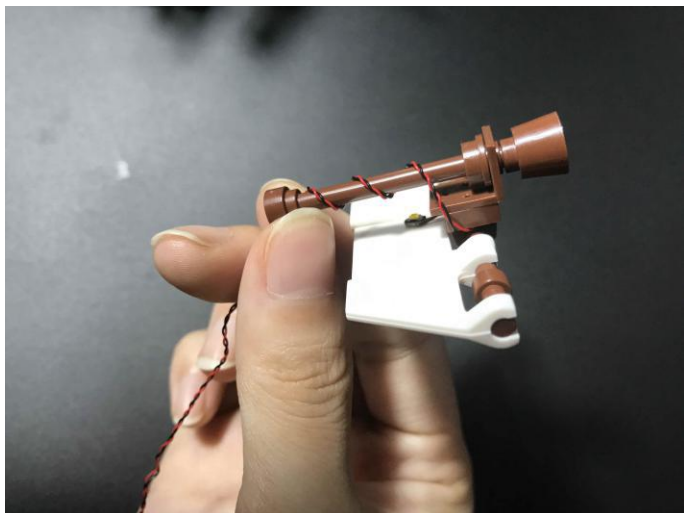


Take a warm white dot light, and wind the light end as shown on the sail, and fasten it with the top plate (you can also use an adhesive square to fix the light on the white flag, according to personal preference).

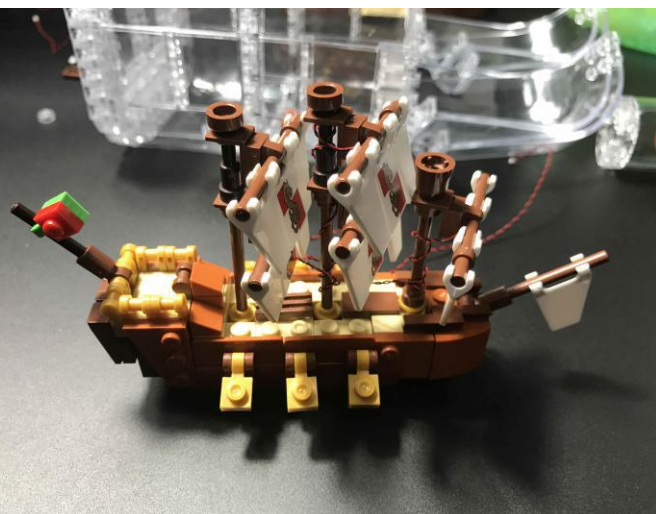
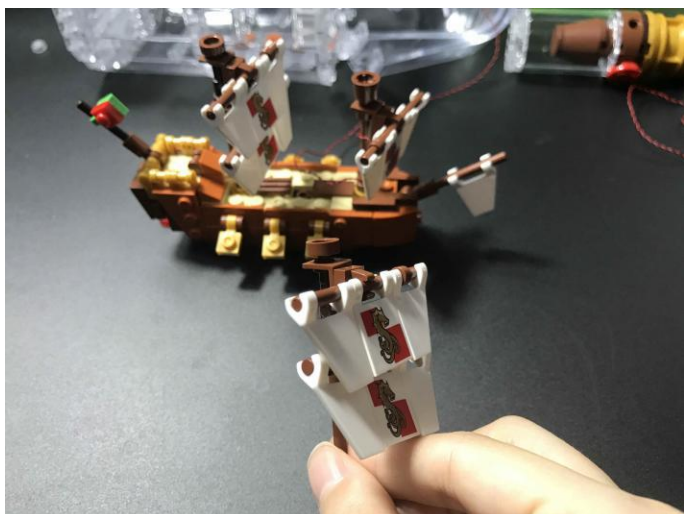


Wrap the wire around the mast and install it back on board.





Repeat the above operation to install another warm white dot light on the second mast.

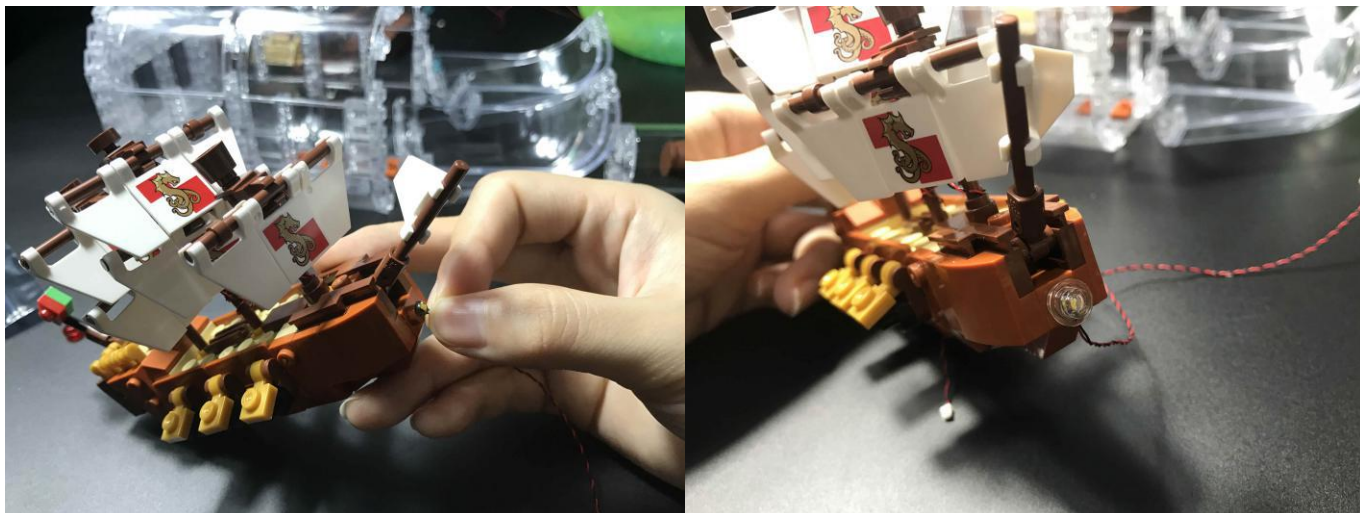


Take one 15cm warm white dot light and transparent white round piece.



Place the dot light with the light side up and fix it in the bow with a transparent piece as shown blew.

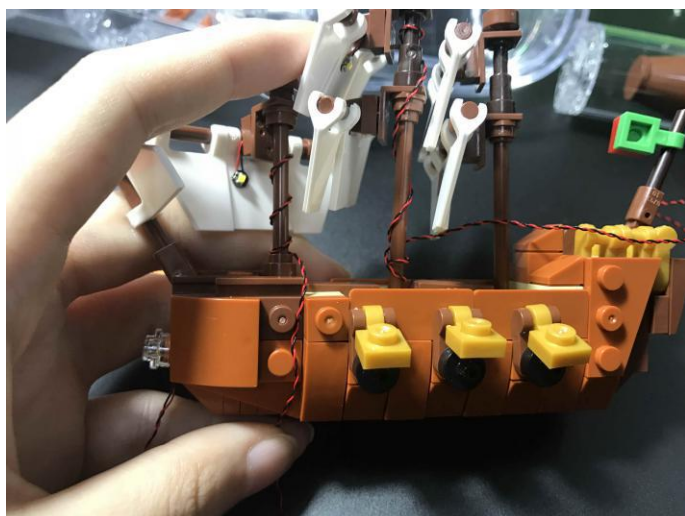
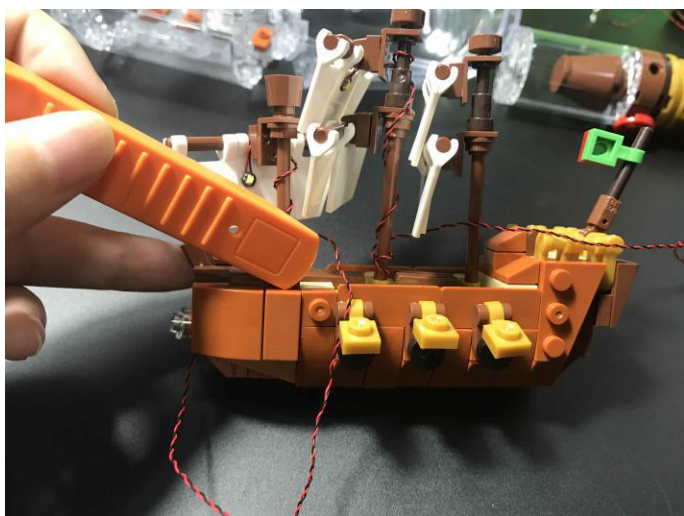




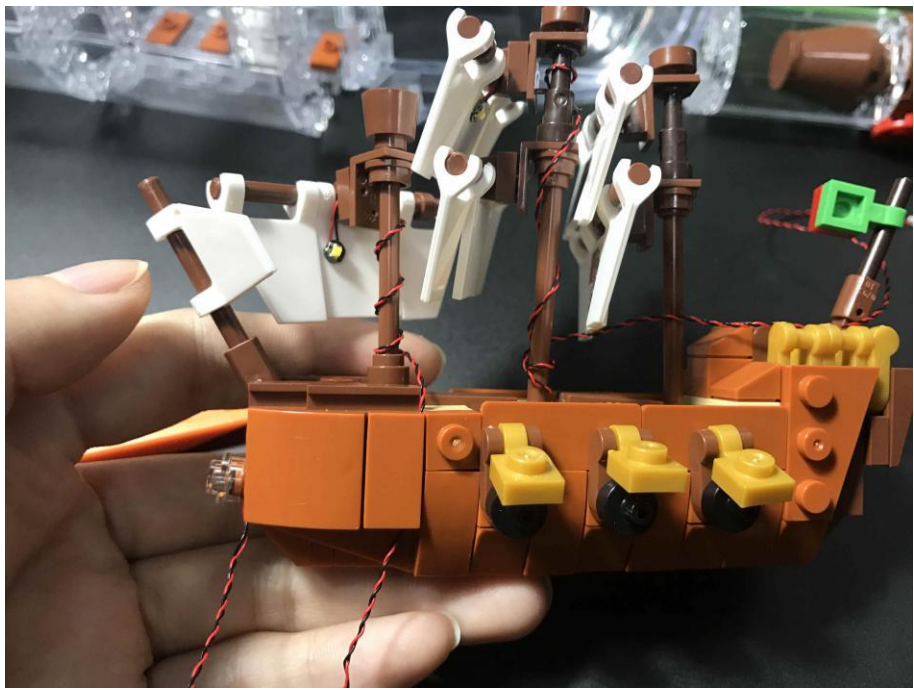
Pull the three installed cables to one side, then hide the cables on the two masts.



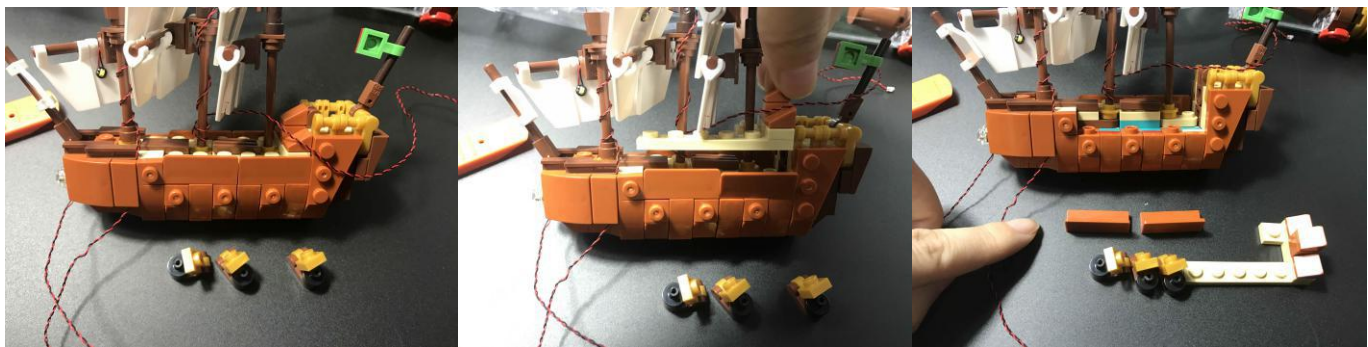
Remove the brown base plate on the side of the bow and hide the cable from the first mast under the base plate.



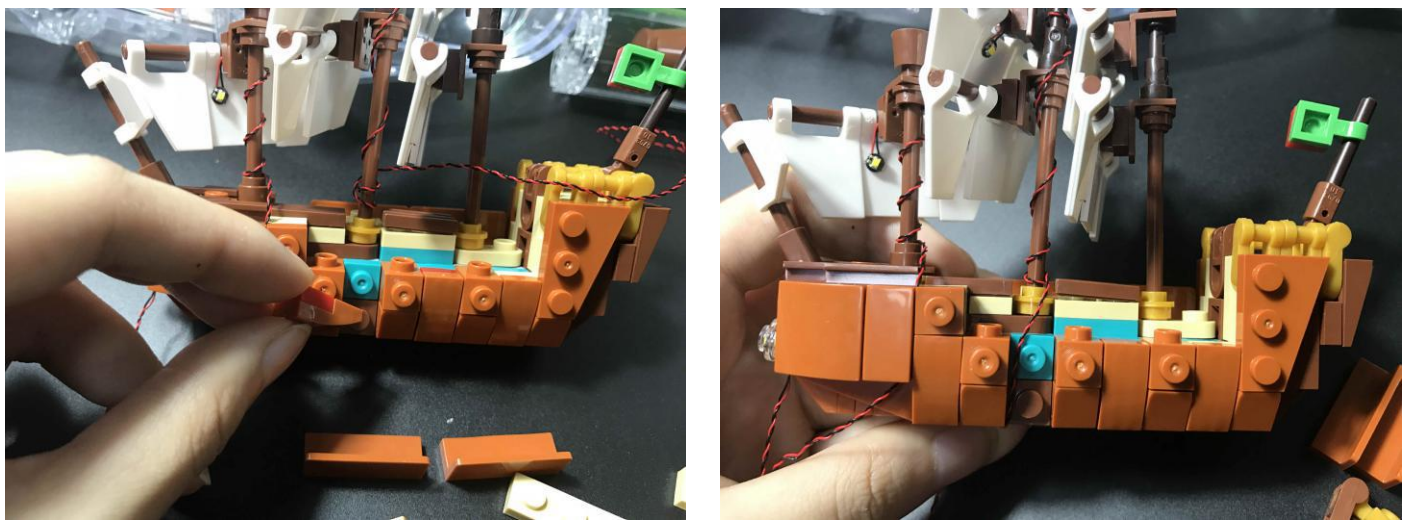


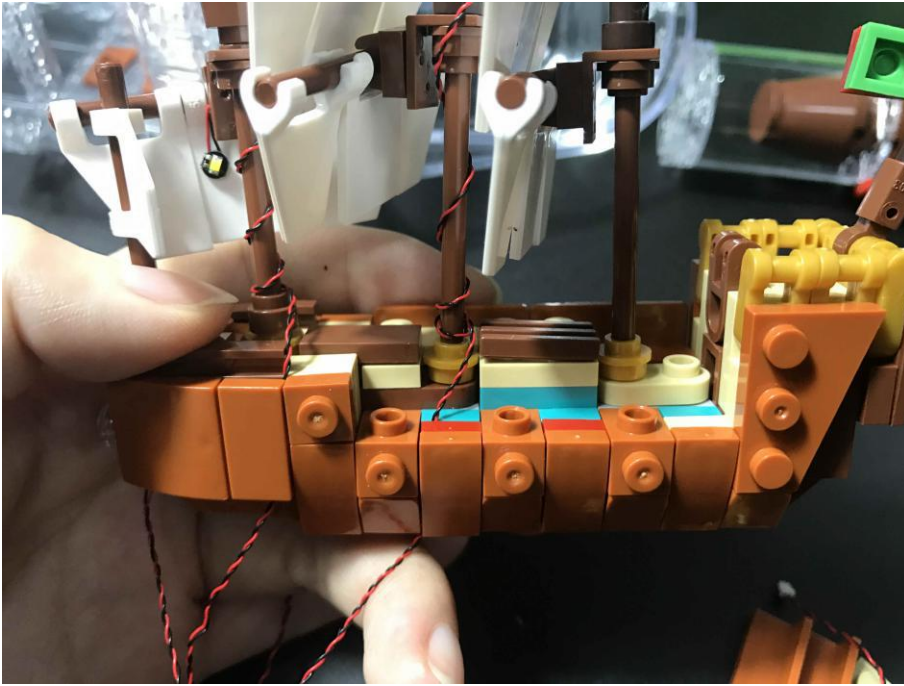


Remove the pieces from the side of the ship, as shown below.

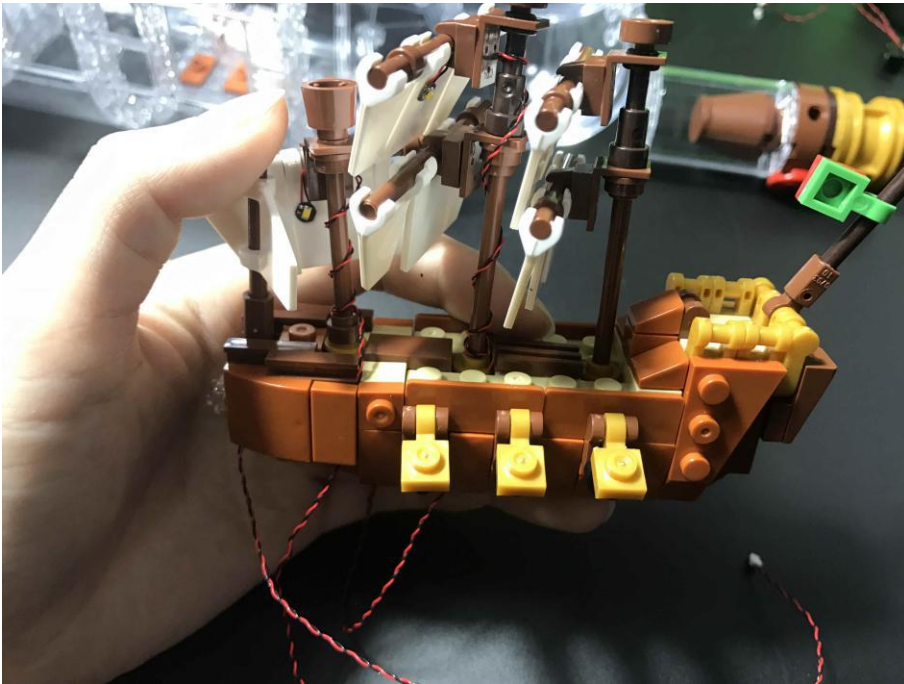


Remove the following plates and press the cable from the second mast below.

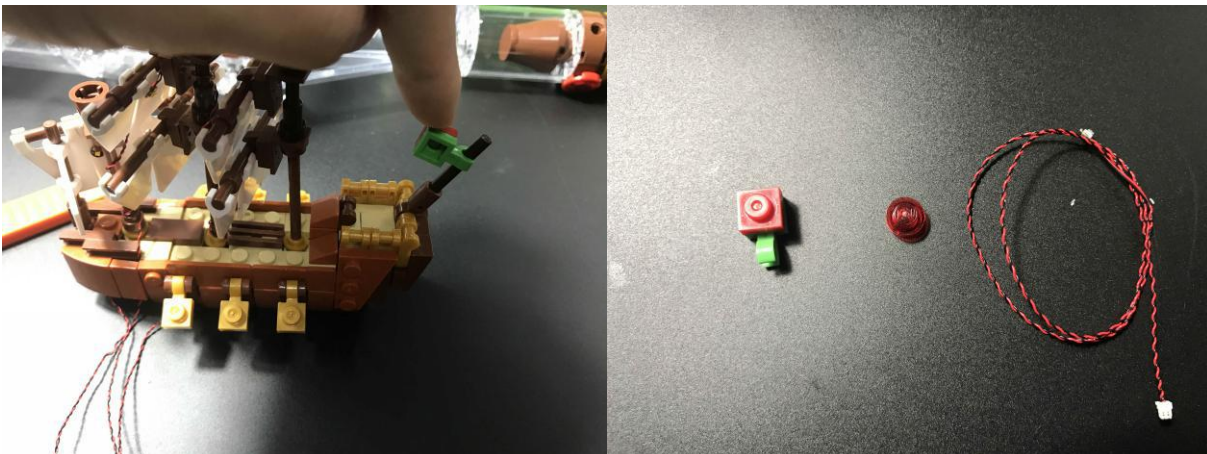




Install all the pieces that are removed, now the cables of the two masts are hidden.

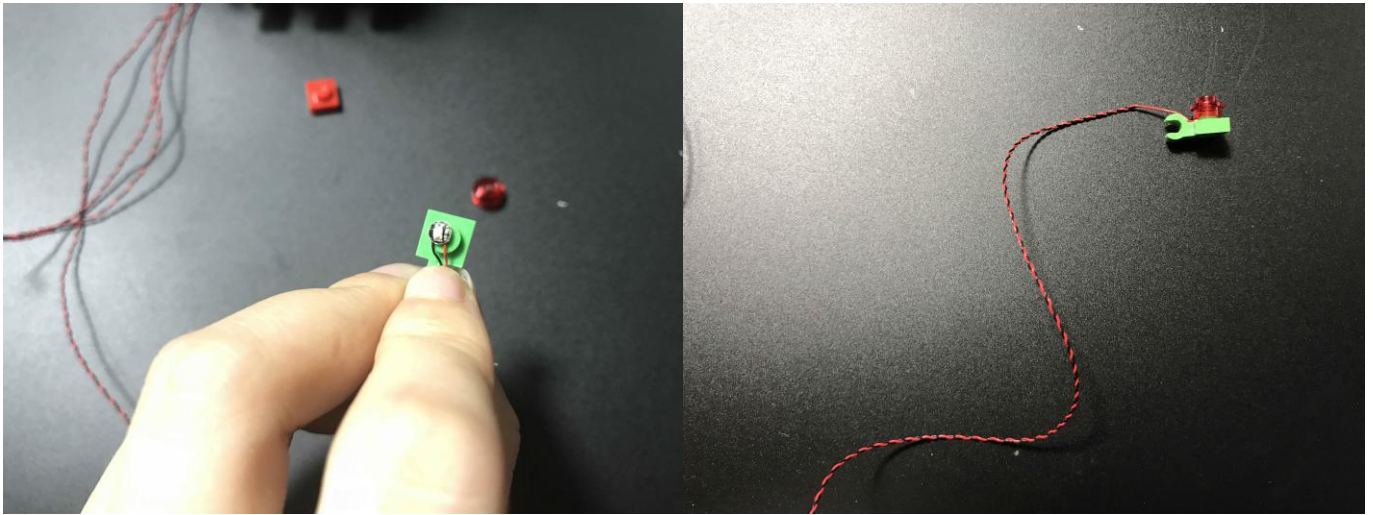


Remove the red and green plates from the stern, take a 30cm red flashing dot light and a square transparent red piece (because there is only a circle one at hand, I will use the circle one instead).

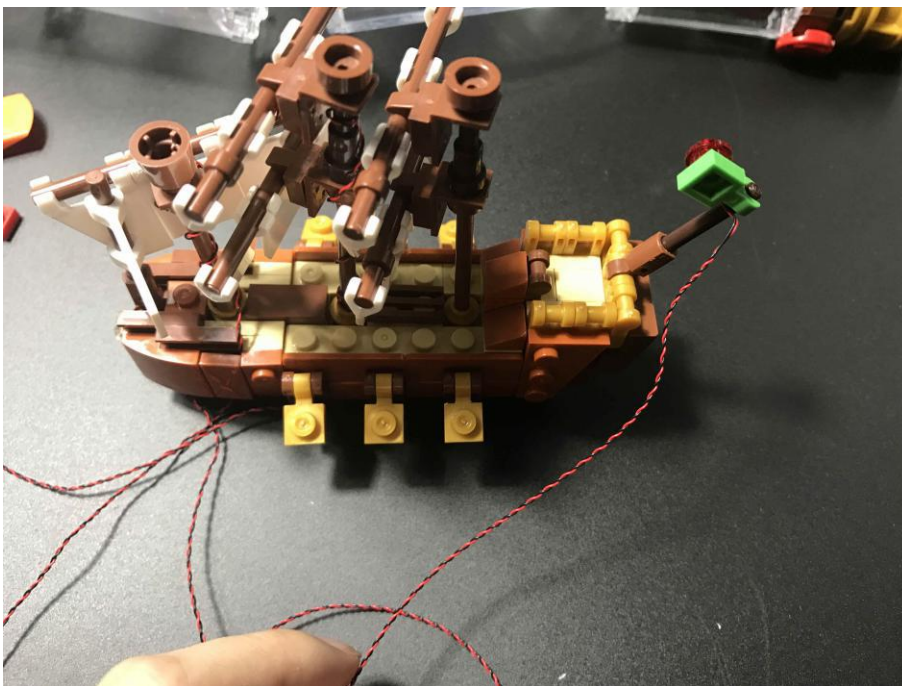




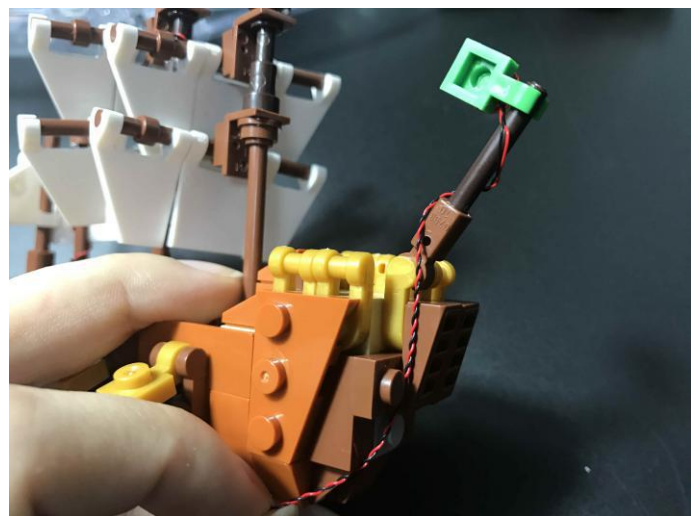
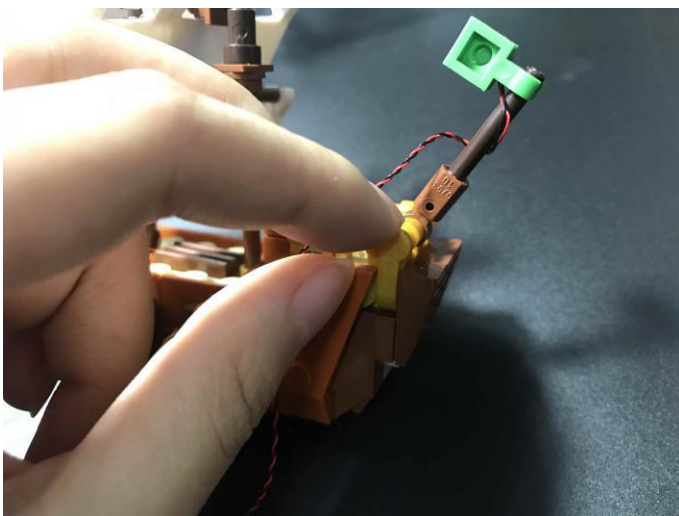
Place the dot light with the light side up and fix it on the green blocks with red transparent pieces.

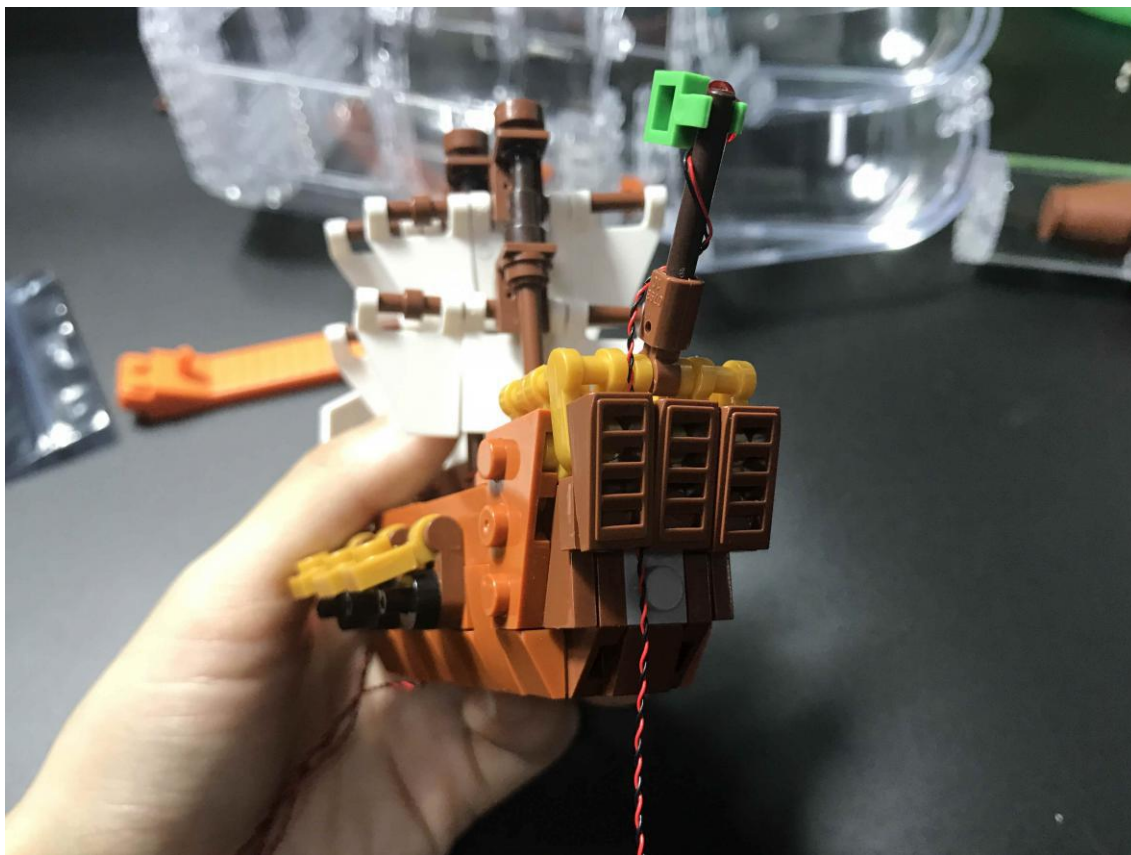


Install it back to the stern.

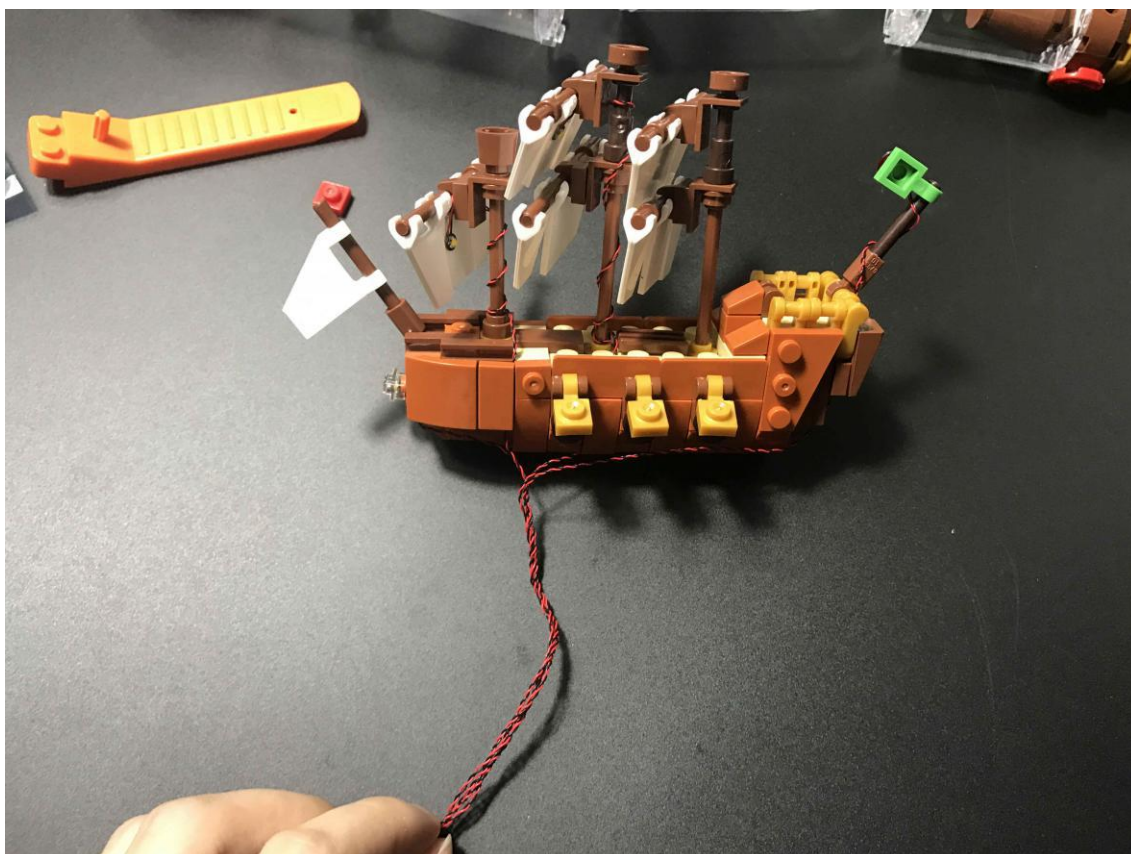


Wrap the cable around the mast and press it under the yellow-brown piece.





Now screw four cables into one strand.



Take a 6-port expansion board and battery pack and install the battery.



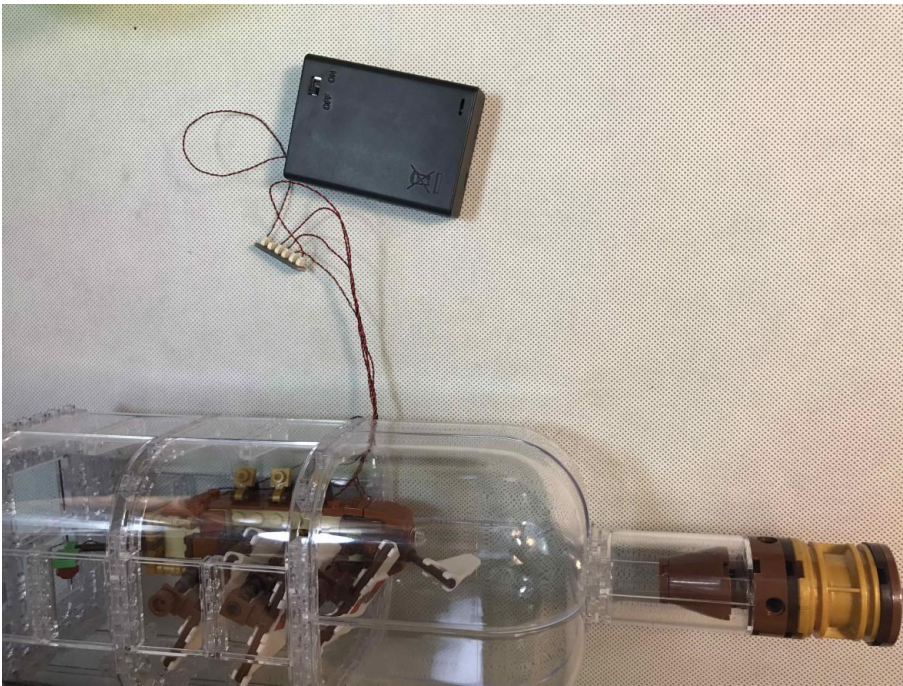
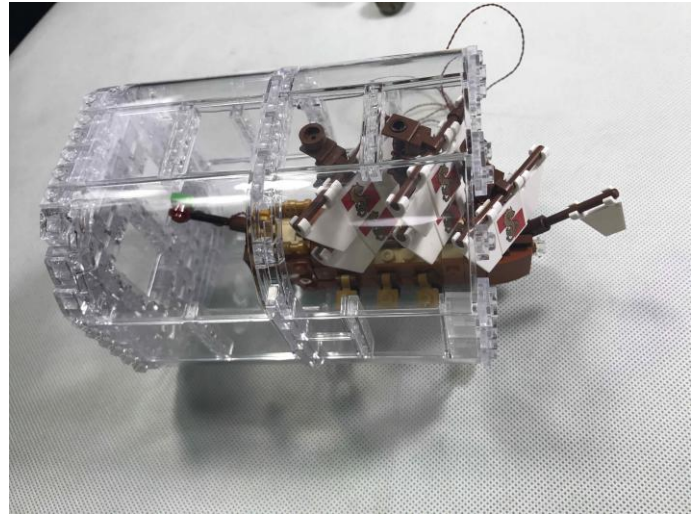
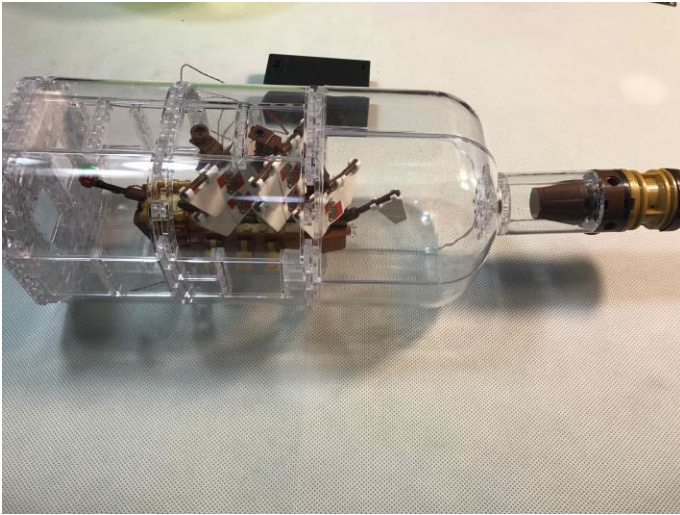


Connect the four plugs of the cables to the 6-port expansion board, and connect the power. Turn on the switch, let's see the effect!

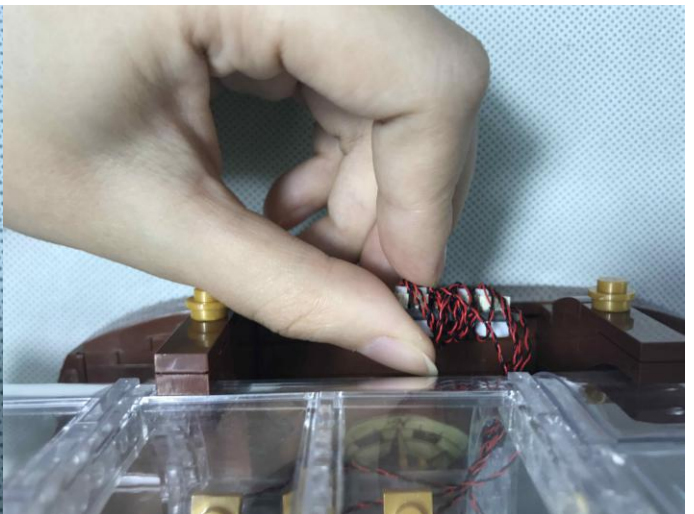
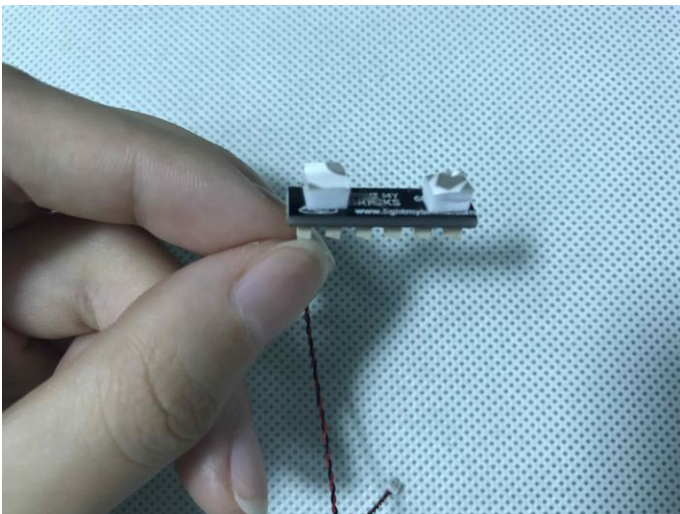


Install the front end of the bottle and clamp the cable into the gap of the bottle.



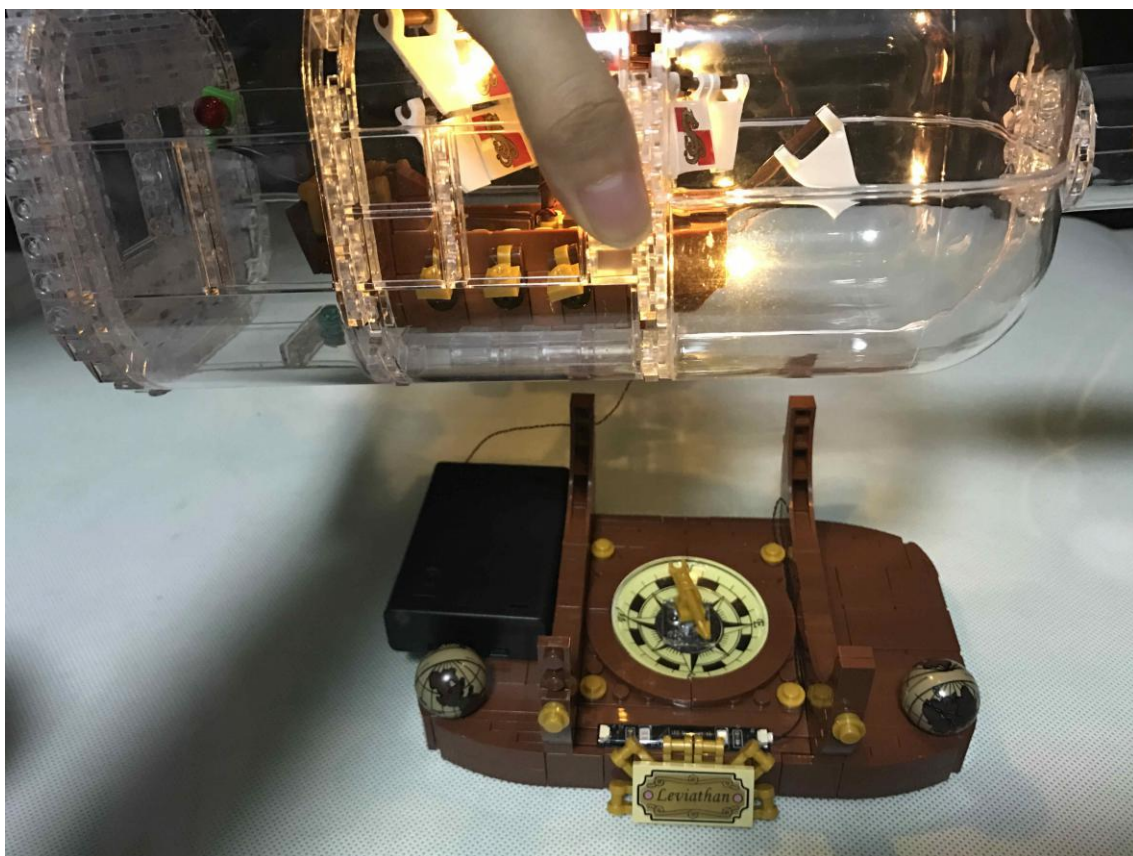
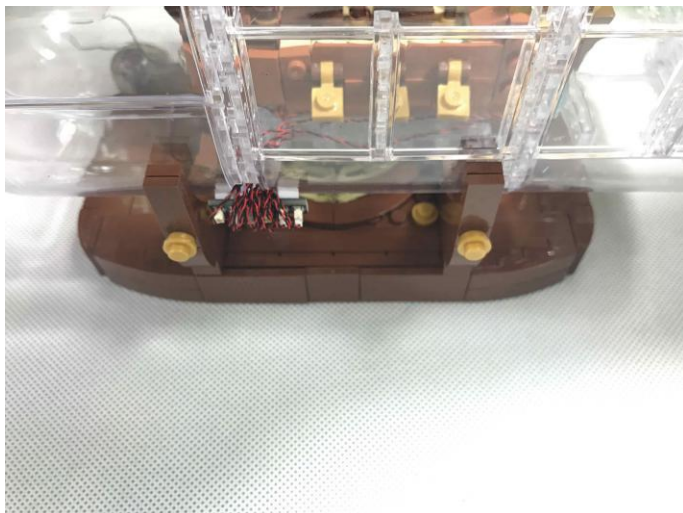


Take 2 adhesive squares and stick them on both ends of the 6-port expansion board. According to the slack of the cable, wrap the cable properly on the board, connect the plug to the board.



Stick the board in place, Recommended to stick to the bottom of the bottle so that the bottle and base can be freely separated. connect the power, and place the power on the side of the base.





Turn on the switch and enjoy it!

