10294 Titanic P29102

- P29102 is the unique code of lighting set, we use this to accurately identify the product you purchased and the corresponding manuals and services you need to obtain. Please make sure your product code is the same as the label on the back of the box shown "10294 P29102".
- Installation requires a lot of patience and great observation that your LEGO bricks will come alive when you get this finished. The bricks with lighting as below, so make sure you're ready and let's get started.



Strategies for the Installation

This instruction divides three sections to complete the installation of the lighting set.

Section A: Check the type and quantity of components.

The quantity and type of components of each products are different and it needs to be carefully checked to make sure there do have enough material. The type of components is indicated by the label on the bag.

Section B: Test that each components is working properly.

Each components is made individually so it is necessary to test that each components is working properly to avoid the situation that the lighting does not work .

Section C: laying out components following the instruction.

Our material is very small but not fragile, just be reminded that don't to pull the wires too hard. For different people, there may be some installation steps that you can't understand. Please look at the previous and later installation steps.

Section A: Check the type and quantity of components.

There are 14 bags in this set. The name and quantities of specific components are as shown , please check carefully.

Label	Content	Quantity
Light Strips-Warm White-21	Light Strips-Warm White-21	5
Light Strips-Warm White-28	Light Strips-Warm White-28	17
Light Strips-Warm White-7	Light Strips-Warm White-7	2
Bit Lights-30CM-Warm White	Bit Lights-30CM-Warm White	31
Headlights-15CM-Warm White	Headlights-15CM-Warm White	3
Light Strips-Cyan -28	Light Strips-Cyan -28	5
Bit Lights-30CM-White	Bit Lights-30CM-White	4
USB Power Cable	USB Power Cable-30CM	2
Connecting Cables-30CM	Connecting Cables-30CM	3
Connecting Cables-20CM	Connecting Cables-20CM	5
Connecting Cables-50CM	Connecting Cables-50CM	14
Expansion Board	2 Socket Expansion Board	6
	4 Socket Expansion Board	11
	6 Socket Expansion Board	5
	8 Socket Expansion Board	3
	12 Socket Expansion Board	3
Spray Module	Spray Module	4
F	Parts package	

Please contact us immediately if there have any missing components.

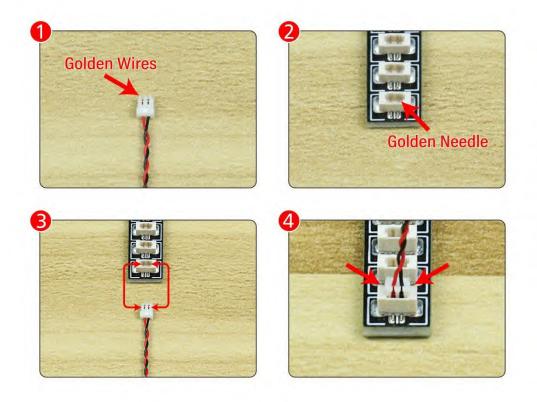
Section B: Test that each components is working properly.

We need a structure to test all lights, so take out the bag with label "USB Power Cord" and "Expansion Boards" as follows.



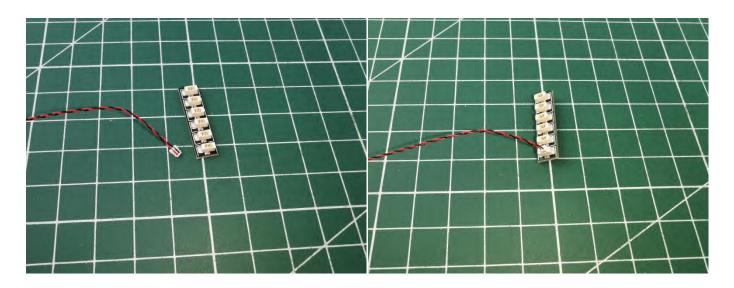
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

Note that on one side of the white plug you can see two very small golden wires that should be connected to the two golden needle in socket of the expansion board.shown as blow.

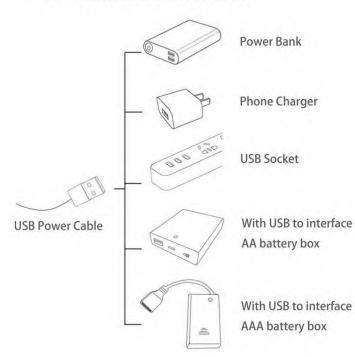


All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

The connection method between the USB Power Cord and Expansion Boards is as follows:



The USB Power Cord can be powered by phone chargers, power banks,etc.

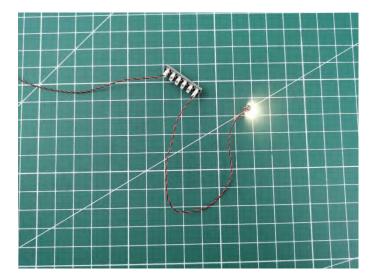


USB connectors to connect devices

This instruction will use the power bank as power supply . The test structure is shown as follow. All lamp in this set will be tested by this structure.



when we test "Headlights-15CM-Warm White" particles, Take out the bag labelled "Headlights-15CM-Warm White". Take out one of the light and connect it to the socket. Turn on the power bank, the light will turn on normally as shown below.

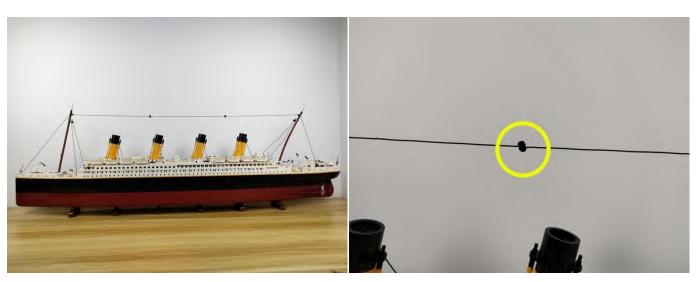


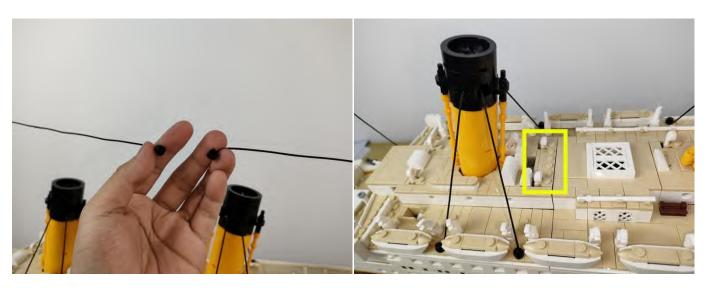
Test each lamp according to this method. It should be noted that after the test, the lamp must be returned to the corresponding bag to avoid confusion of types.



The components needs to be tested in this set is 5*Light Strips-Warm White-21, 17*Light Strips-Warm White-28, 2*Light Strips-Warm White-7, 31*Bit Lights-30CM-Warm White, 3*Headlights-15CM-Warm White, 5*Light Strips-Cyan -28, 4*Bit Lights-30CM-White. Please contact us immediately if any components don't work. **Section C:** laying out components following the instruction.

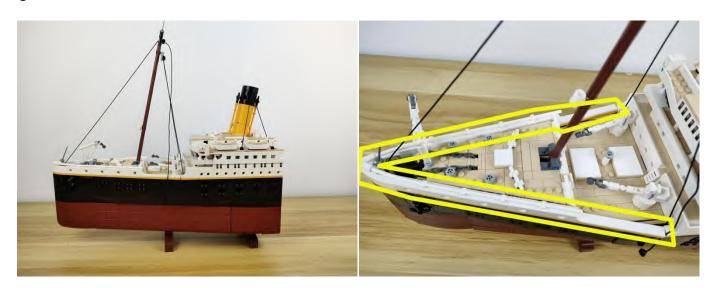




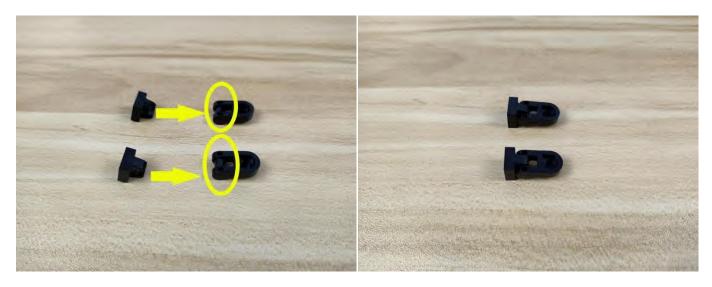


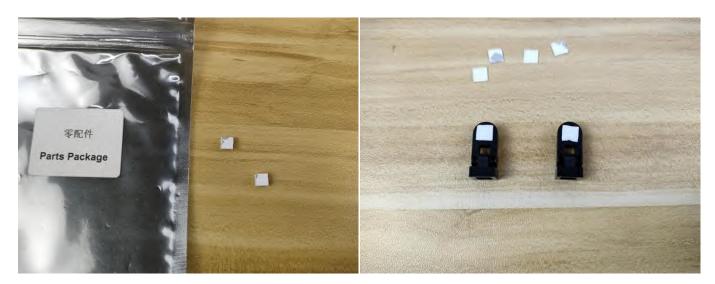


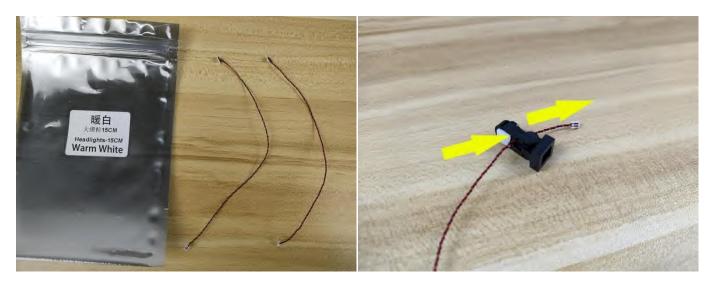


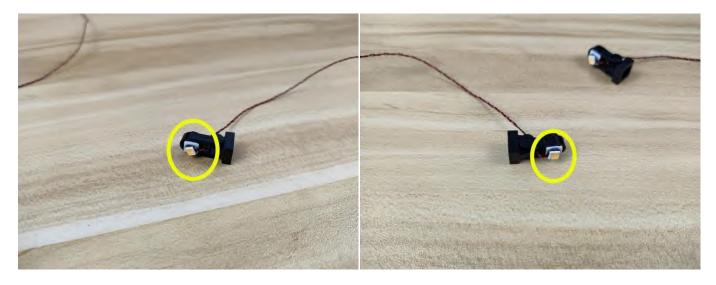






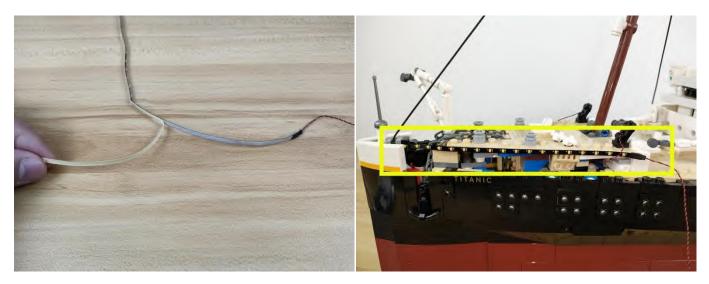












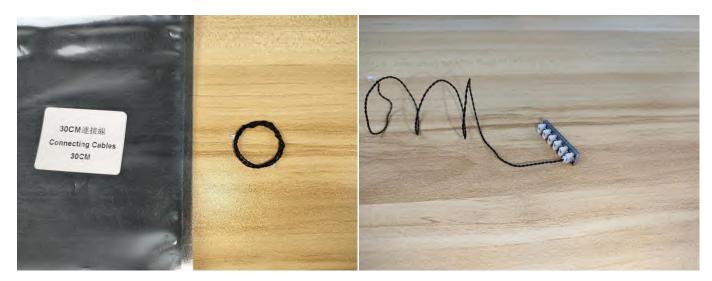


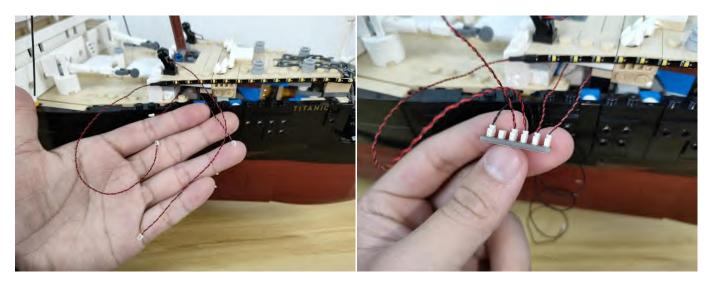


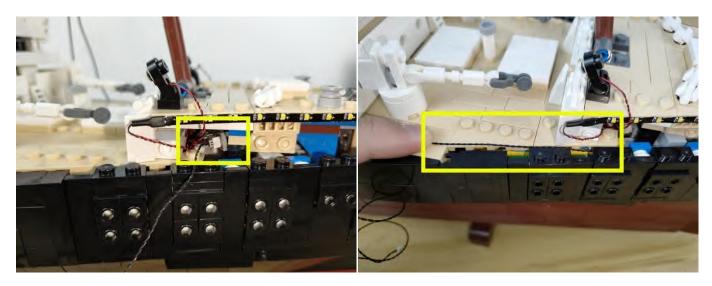


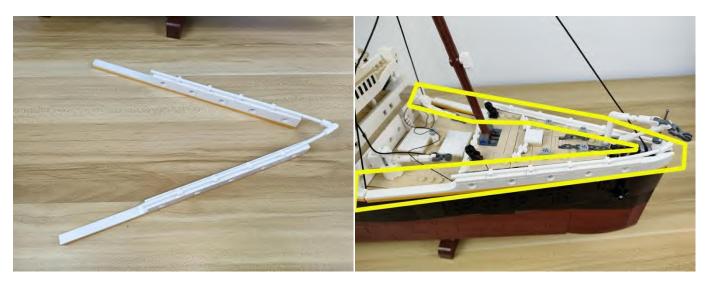


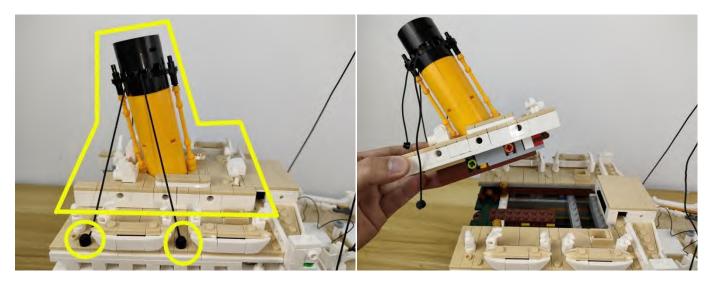


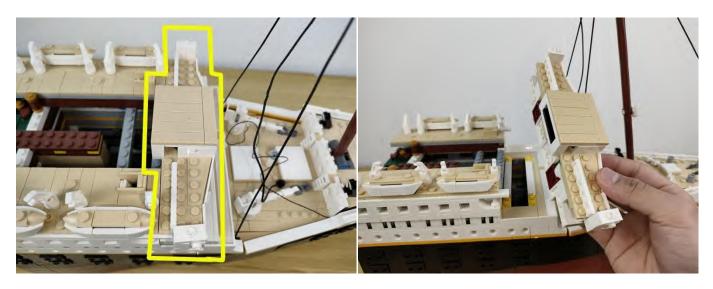


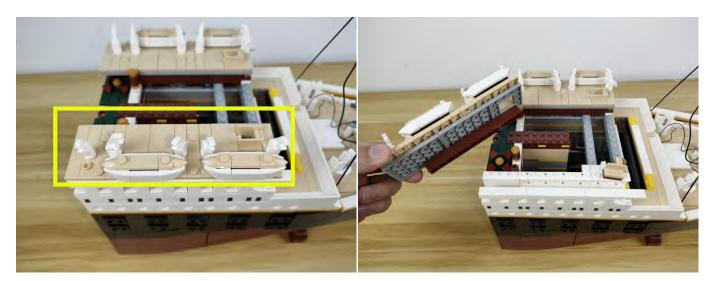


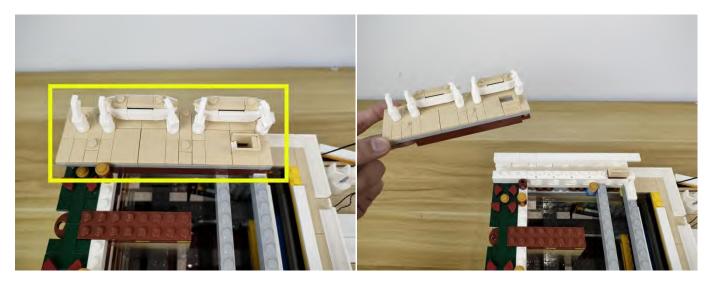


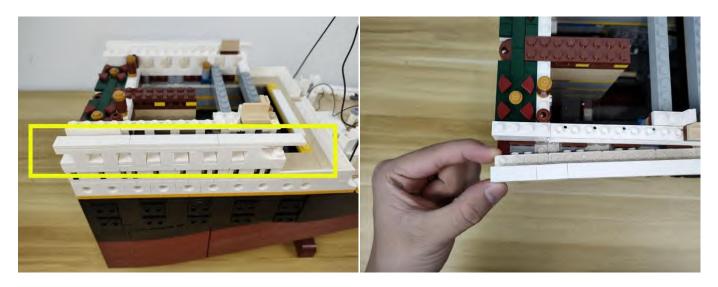


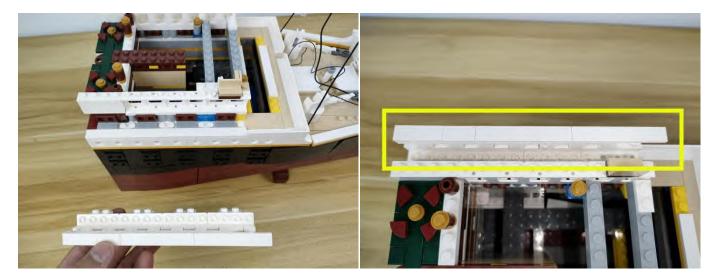






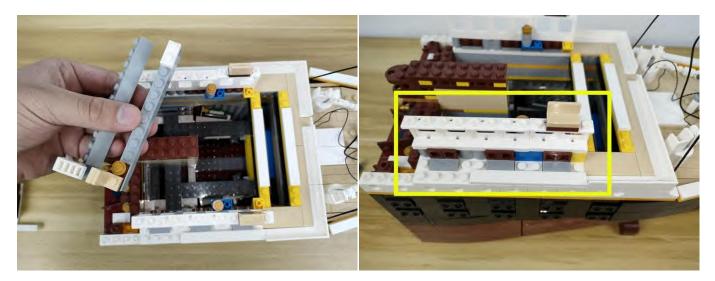


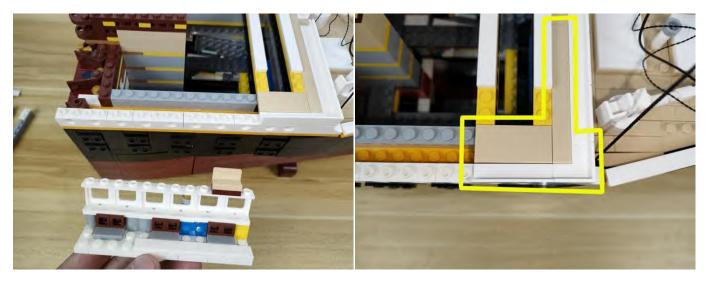




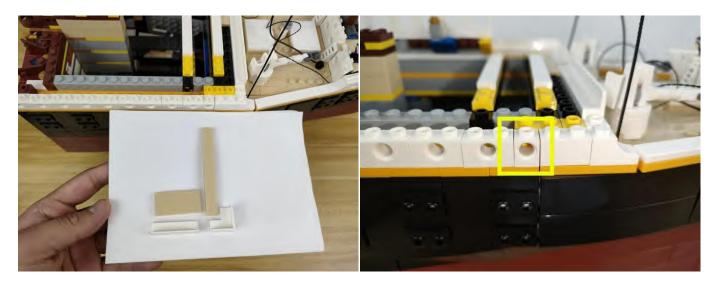










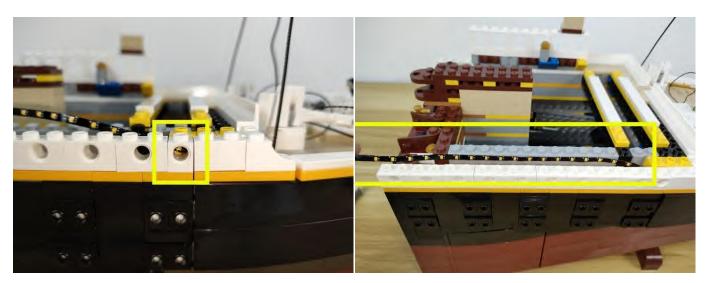


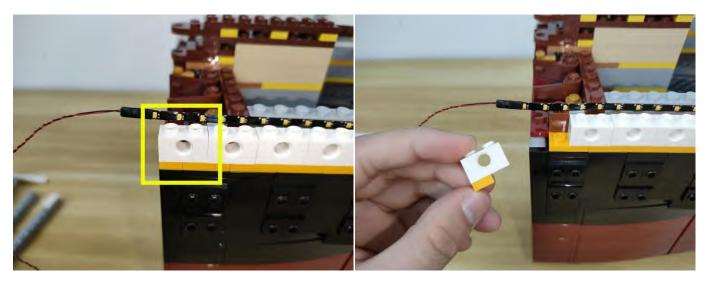


Take out Light Strips-Warm White-21 lights.



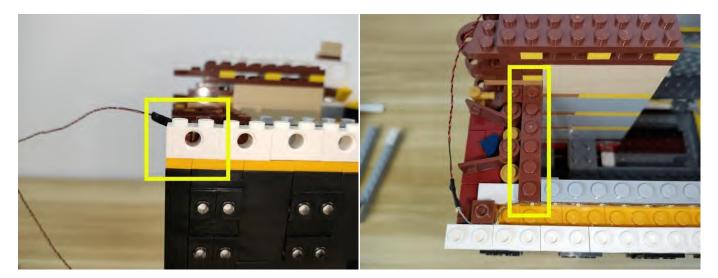


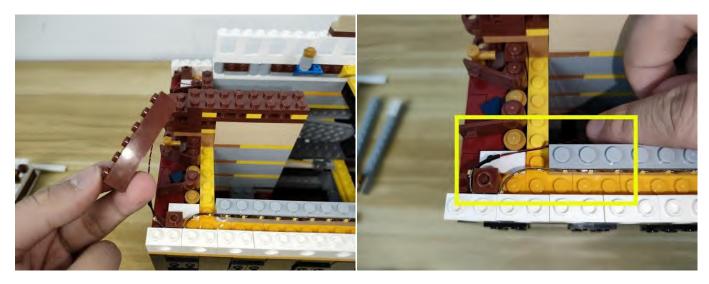




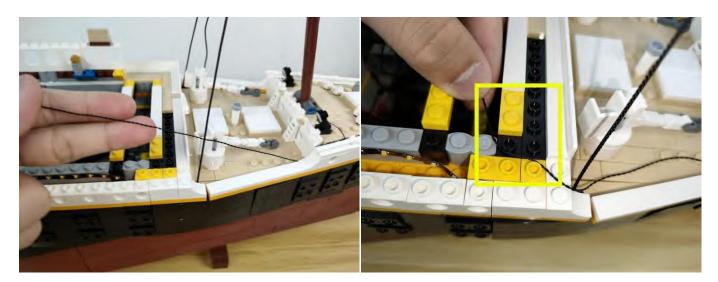


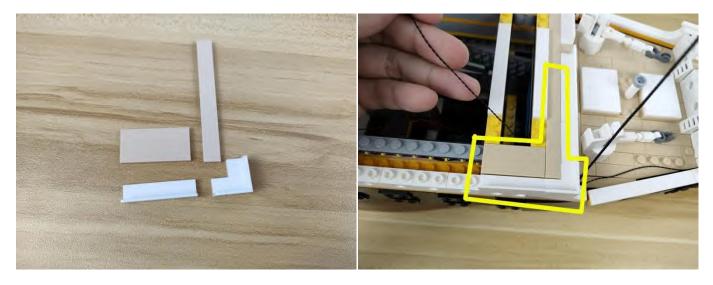


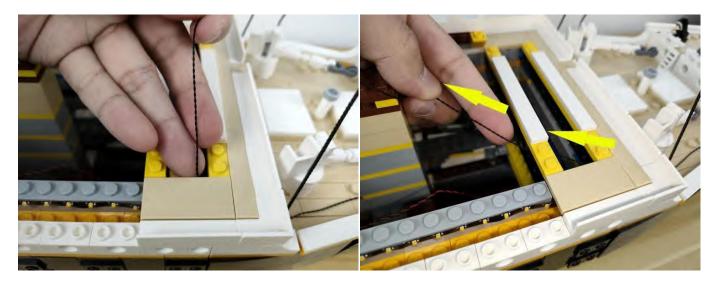


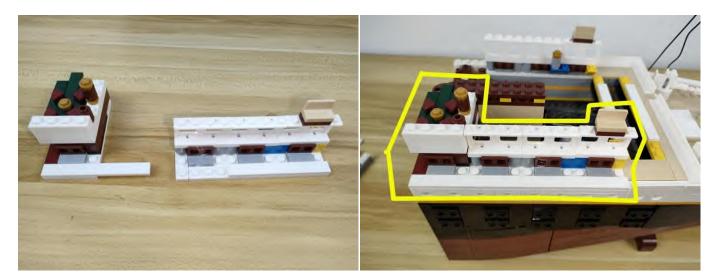


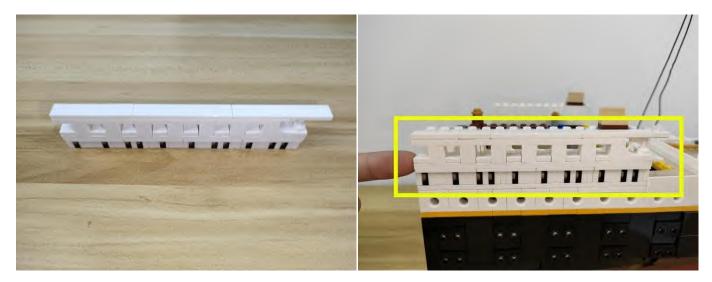






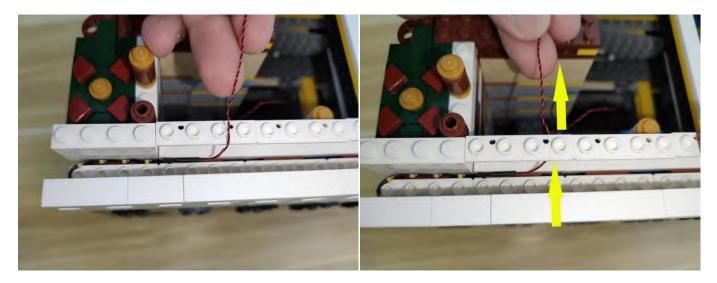




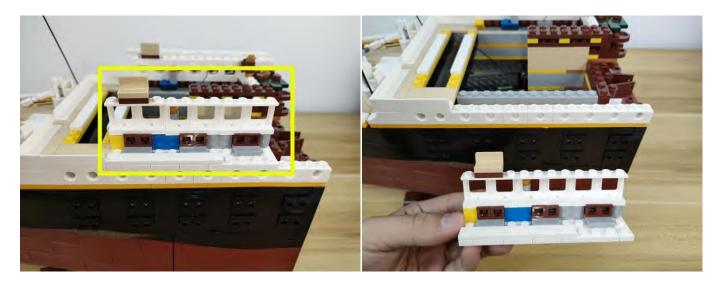


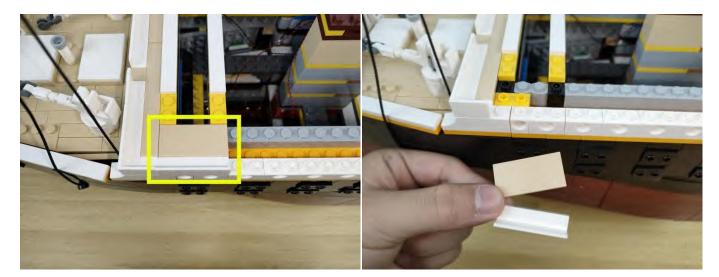
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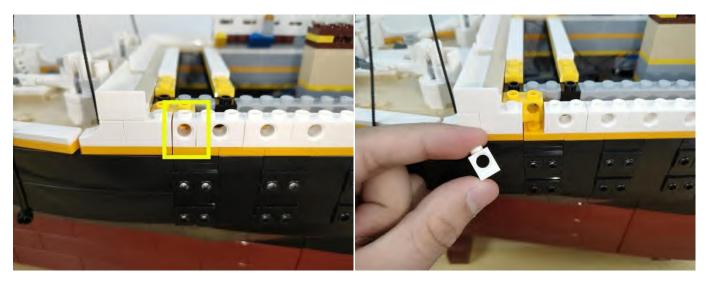








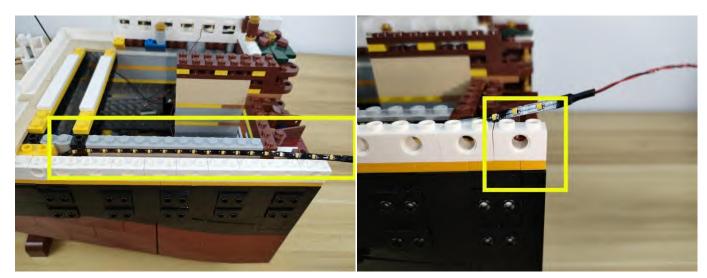




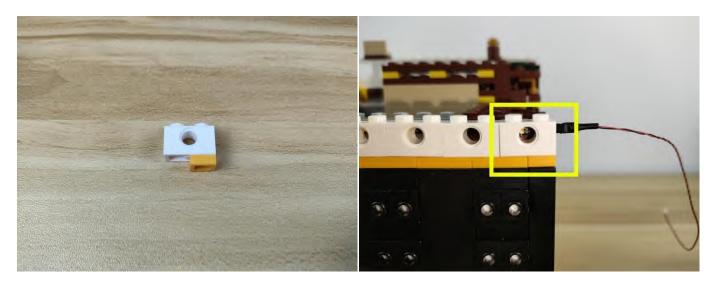
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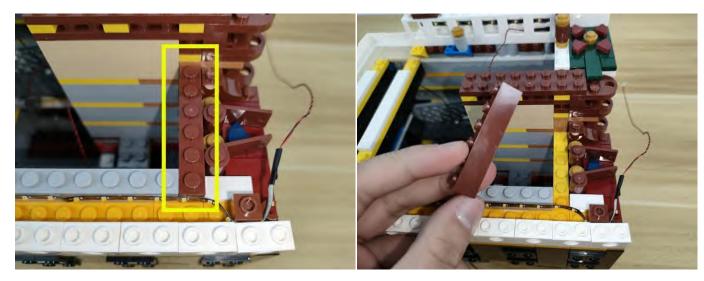




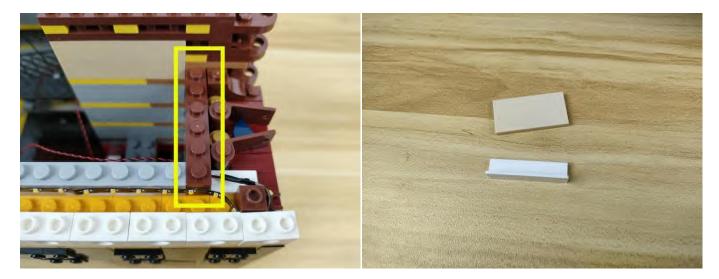


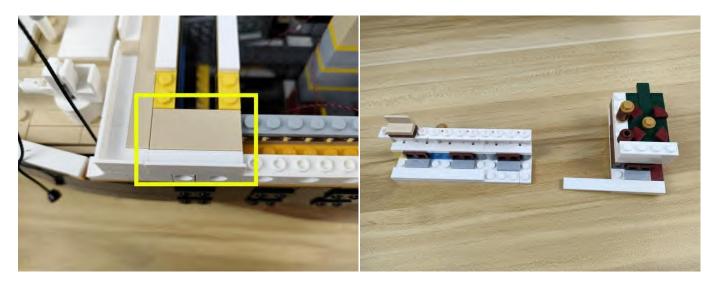




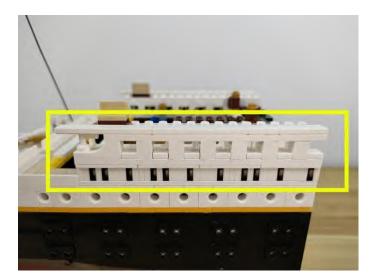












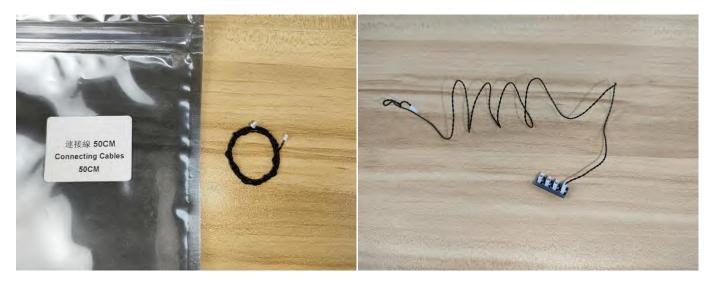
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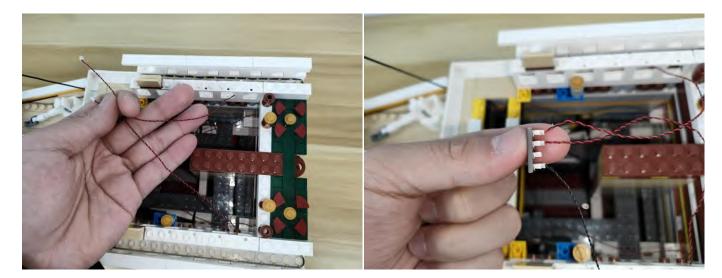


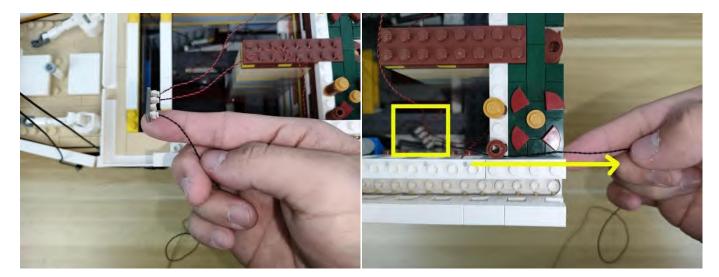








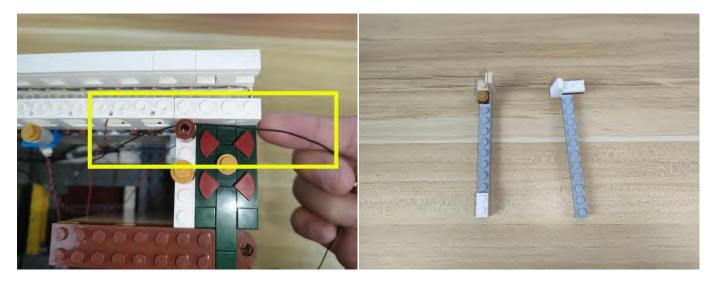


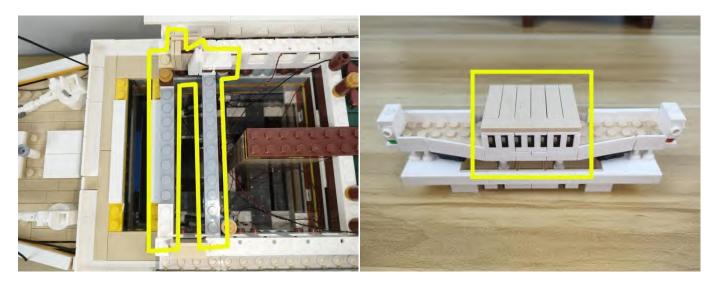


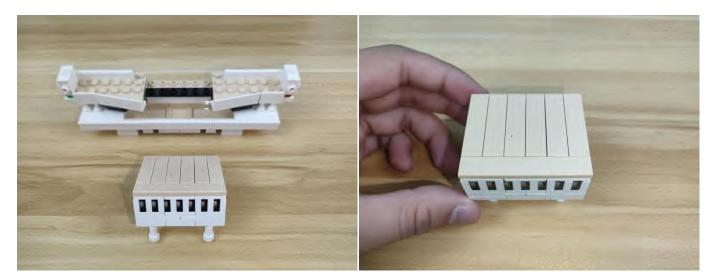
















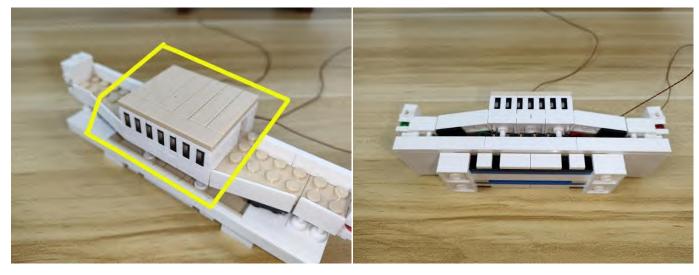




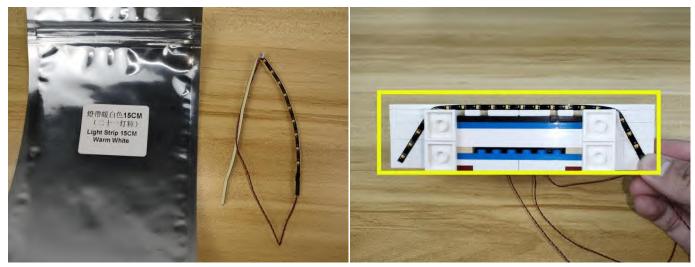


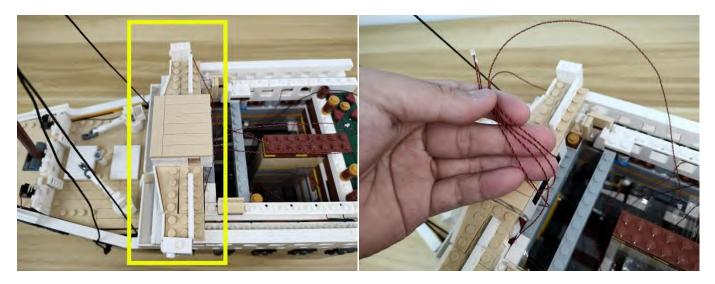






Take out Light Strips-Warm White-21 lights.

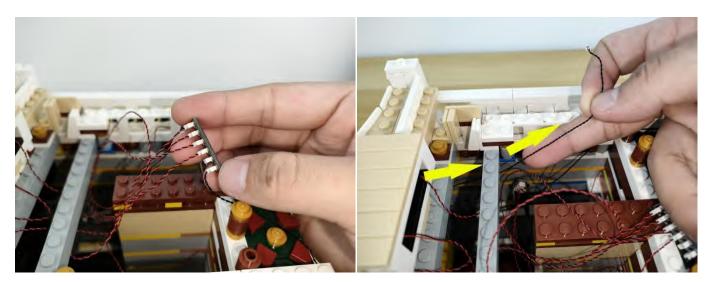


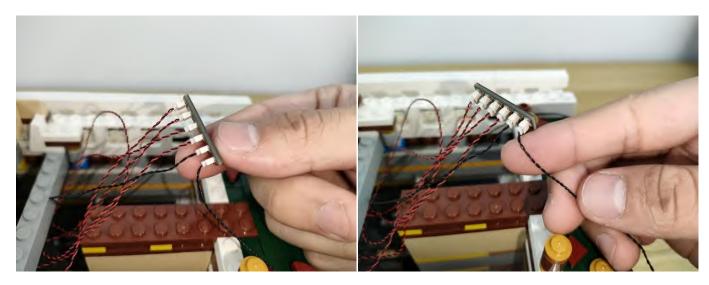


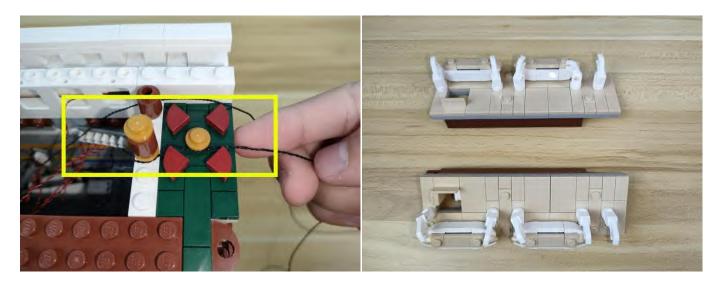


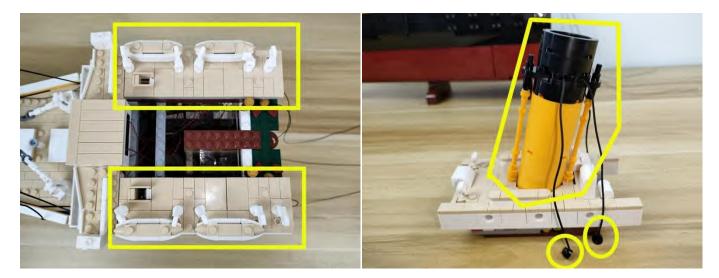


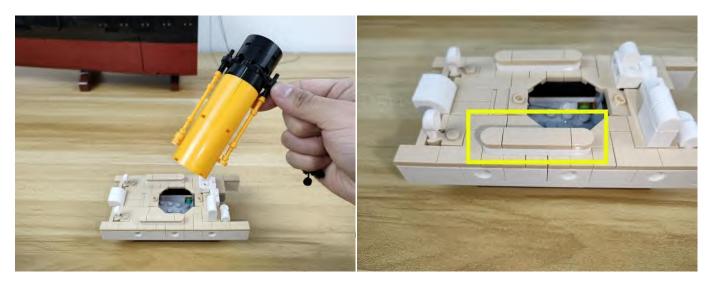


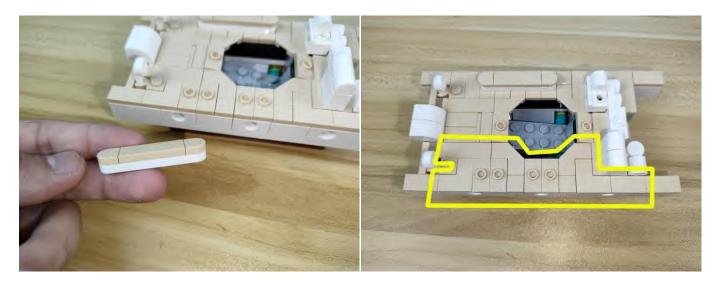


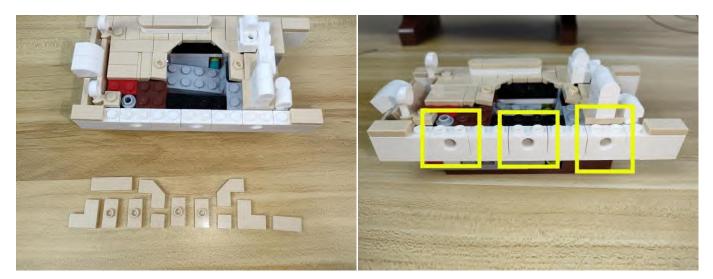


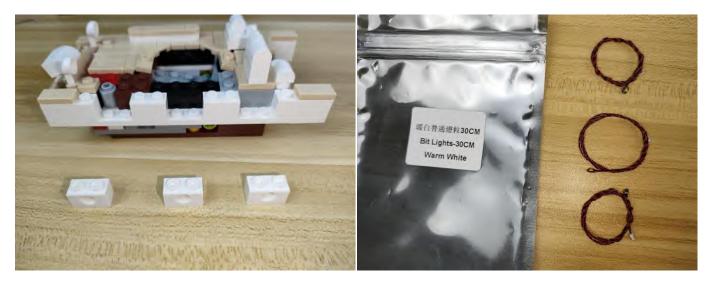


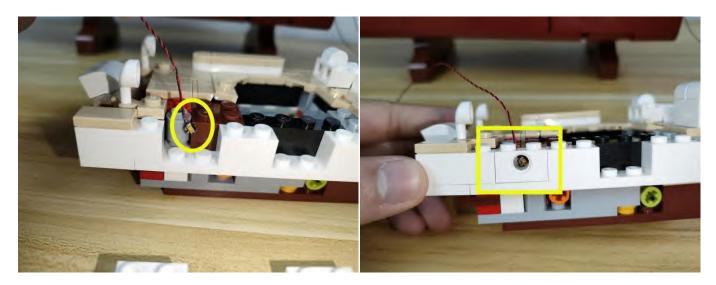


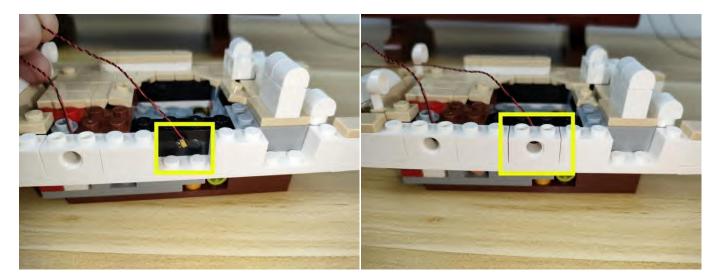


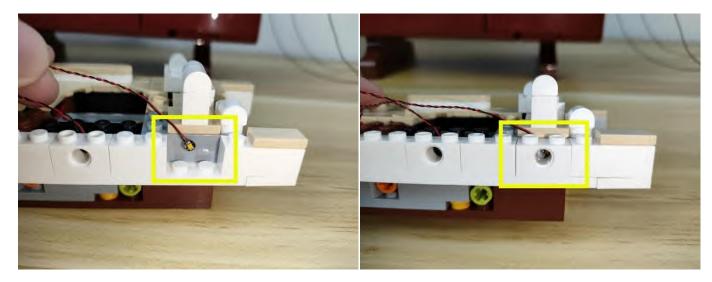


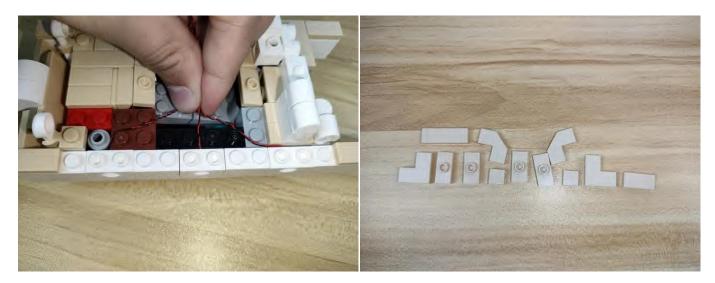


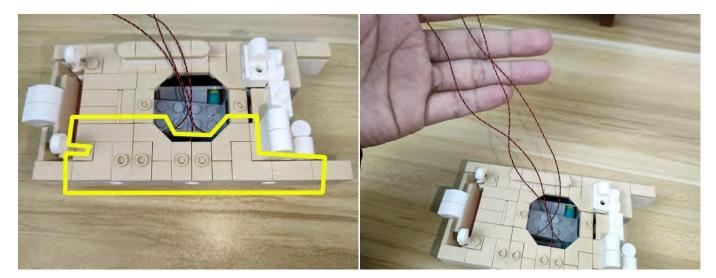


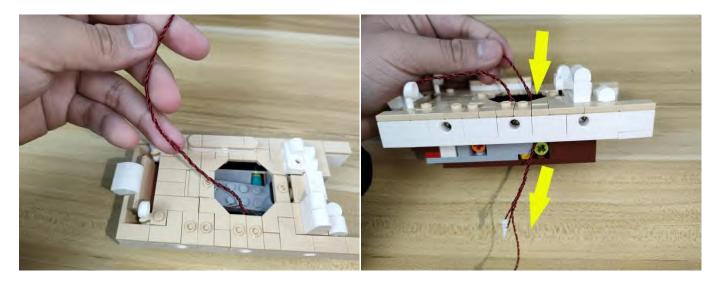


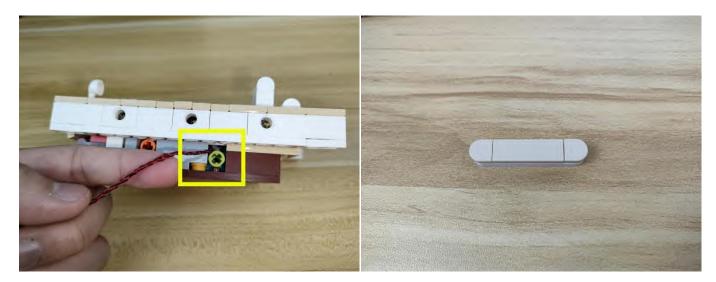


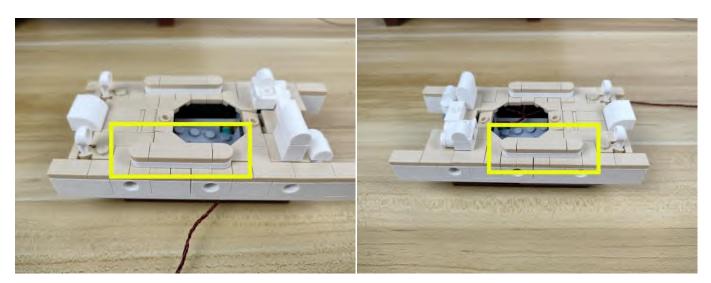


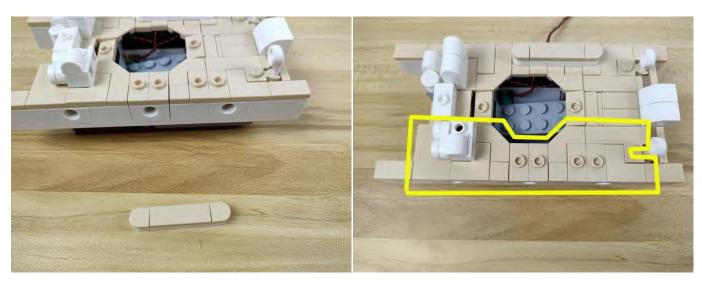


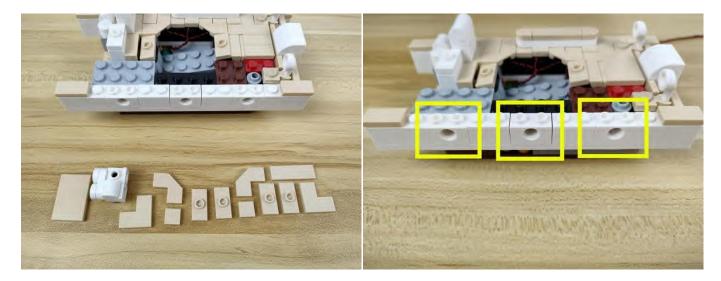


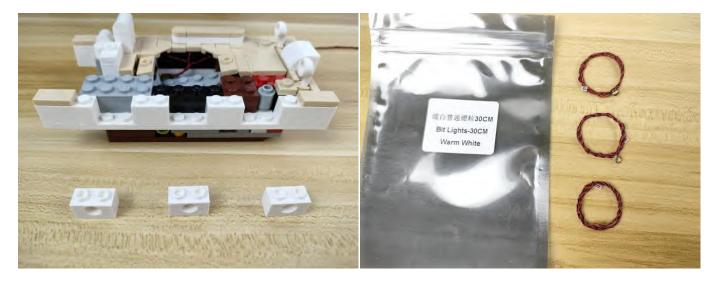




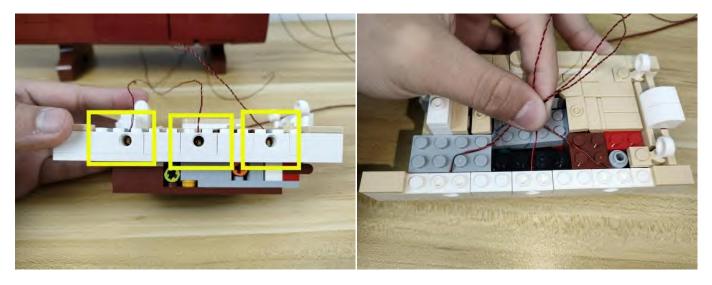


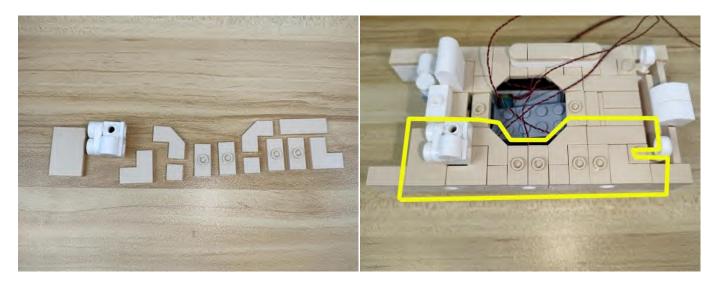


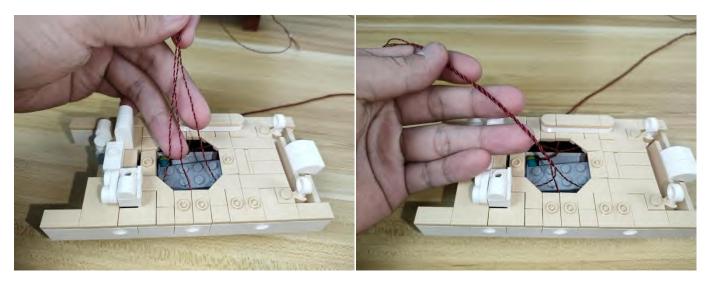




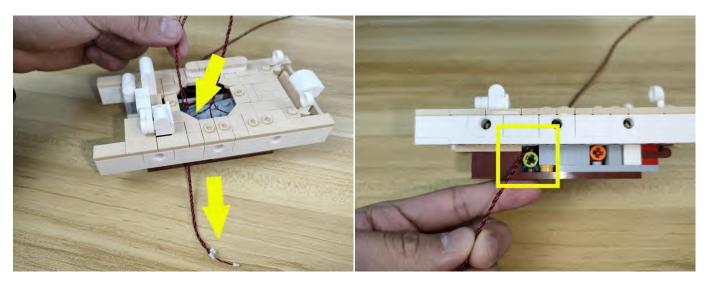


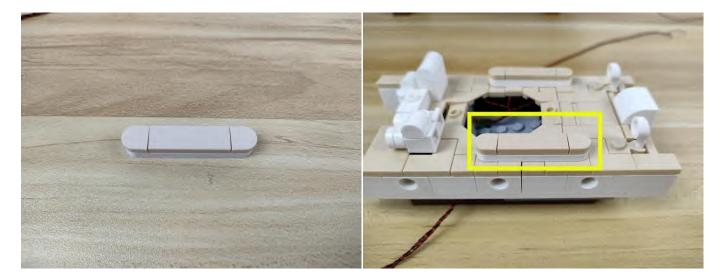






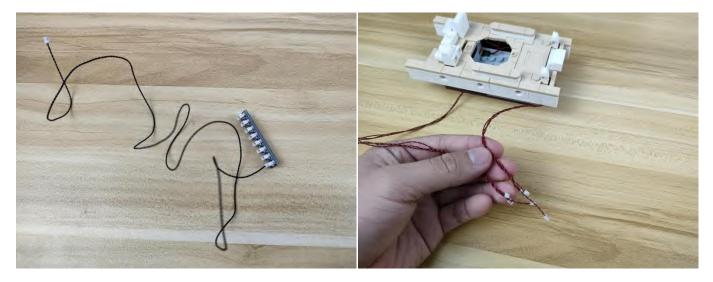


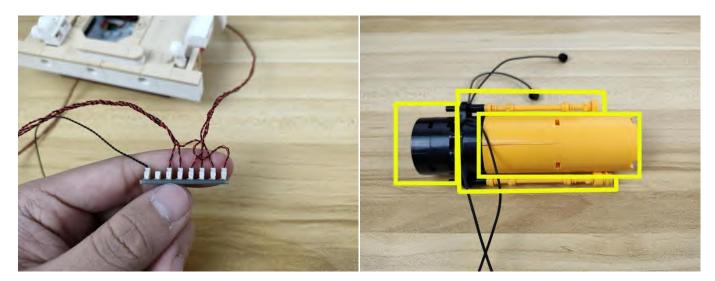




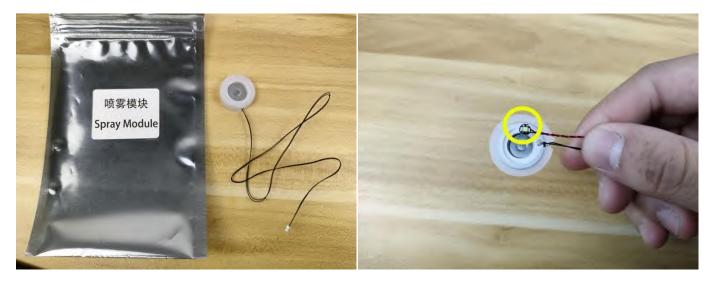




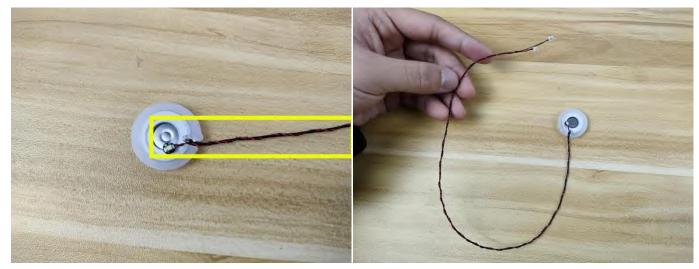




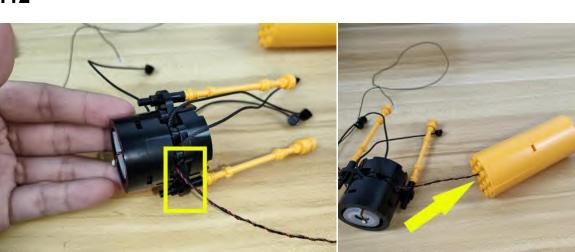


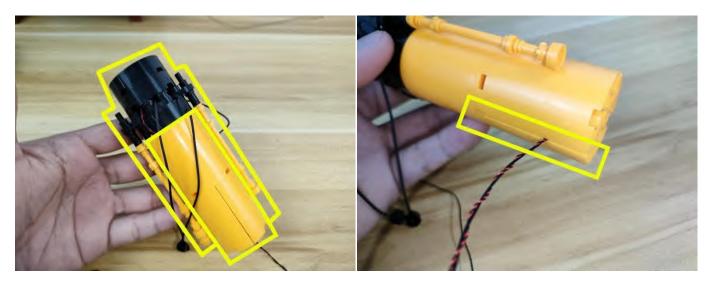


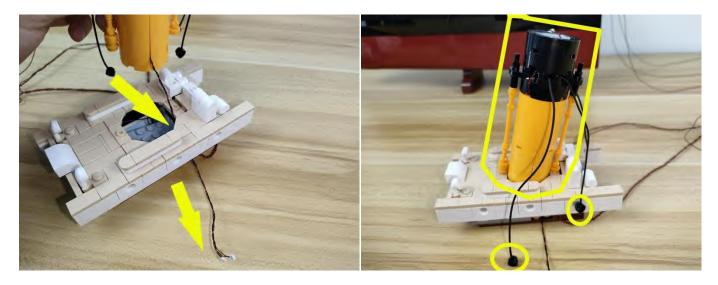
Fix the lamp pellet at the position selected by the frame in the figure, with the solder joints of the spray module components facing upwards.



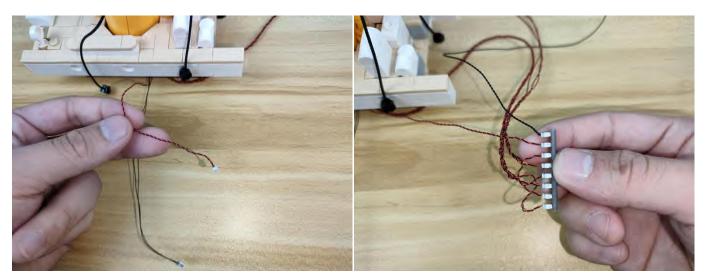


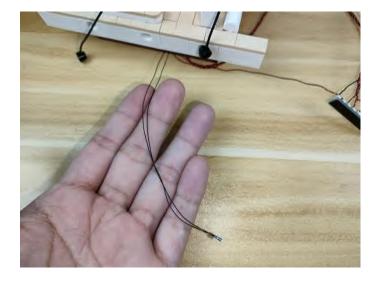




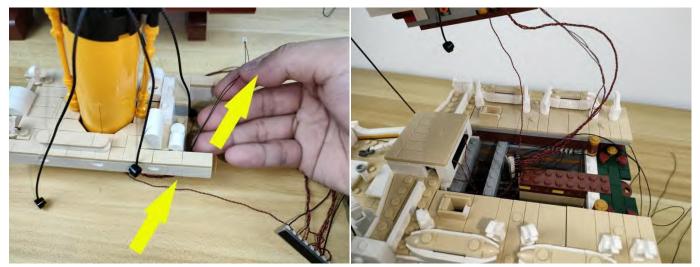




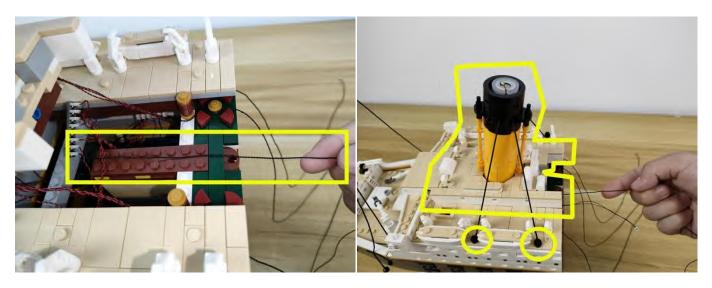




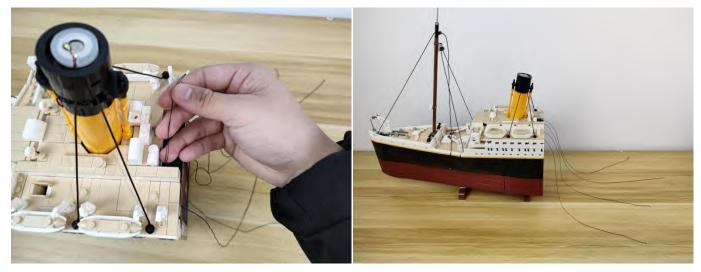
Pull the connecting line on the expansion board to the right, and place the connecting line between the bumps of the blocks.



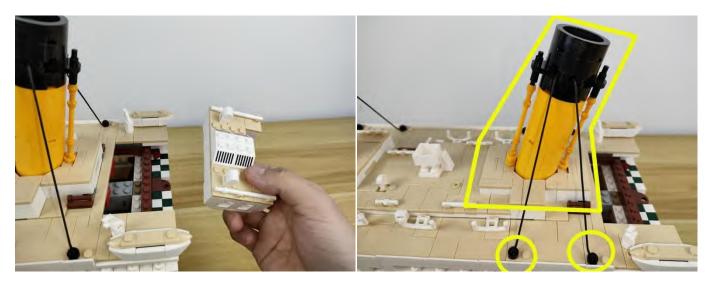
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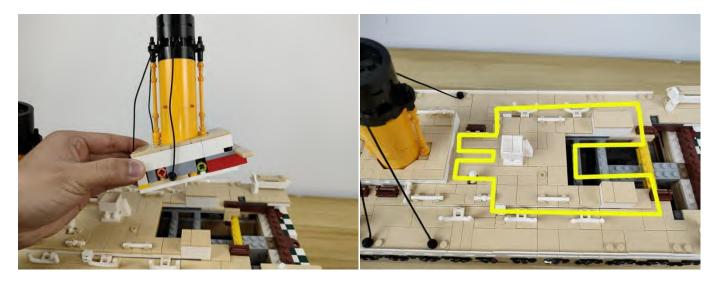


Pull the spray module line at the bottom to the top.

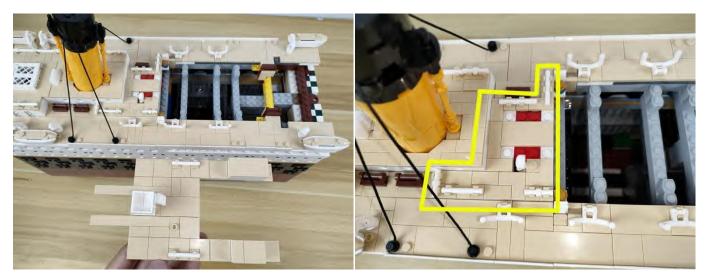


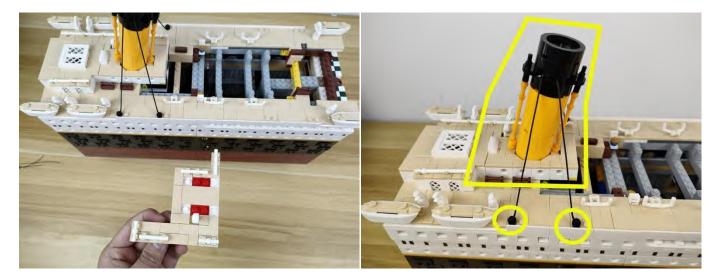






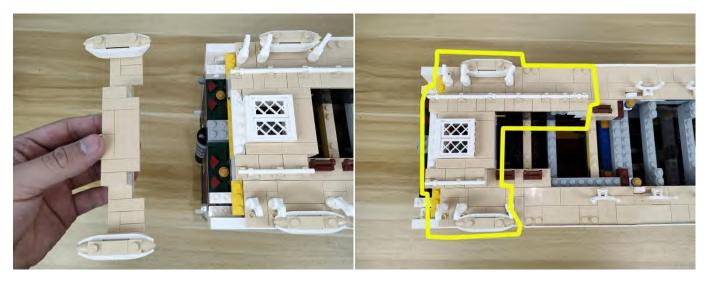


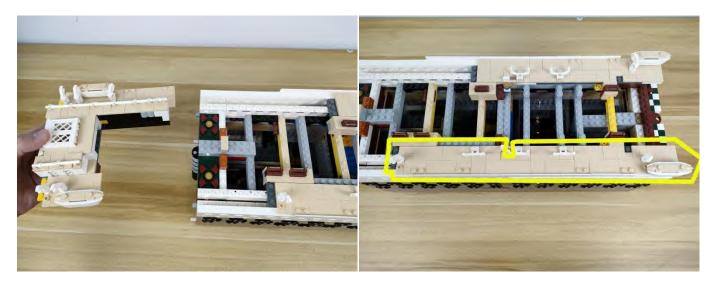


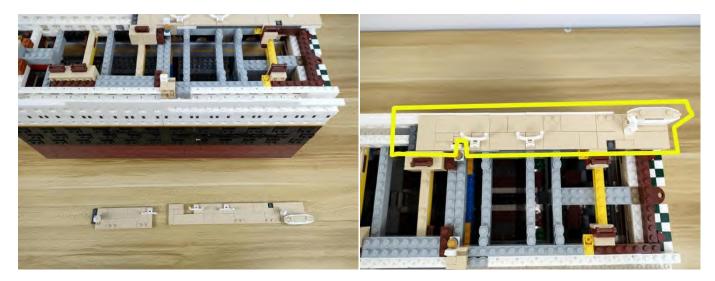


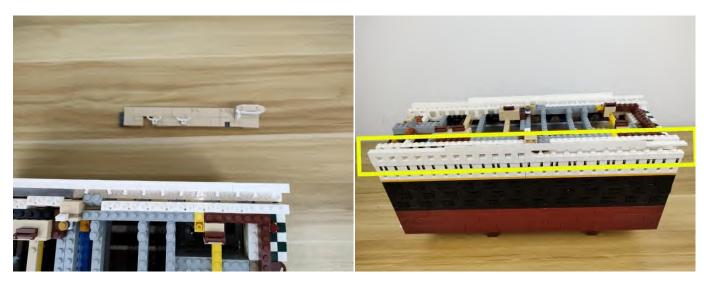




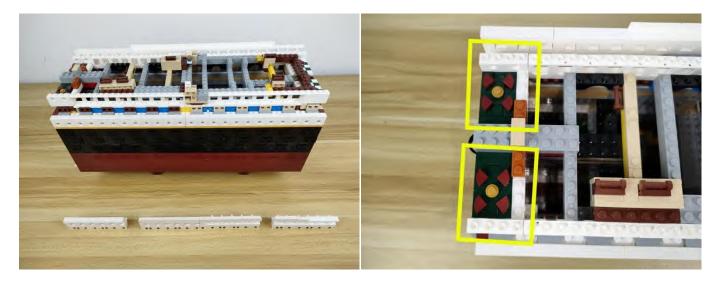


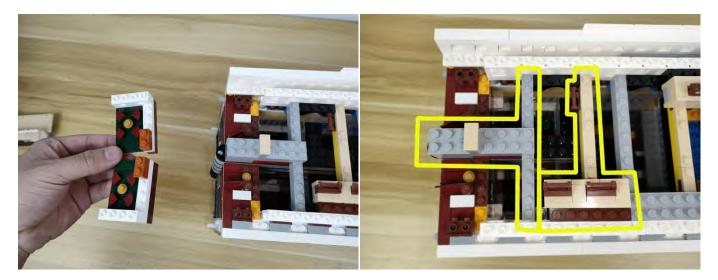




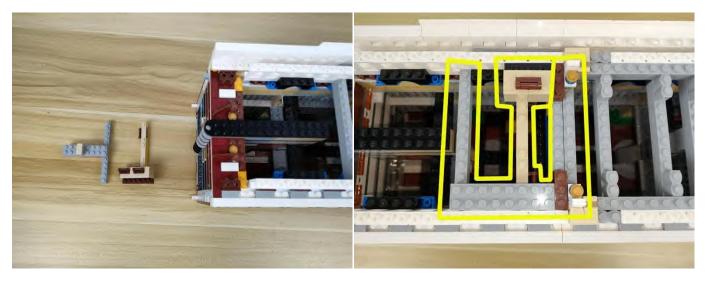




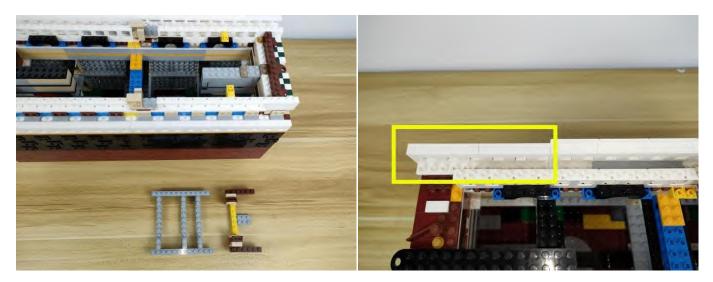




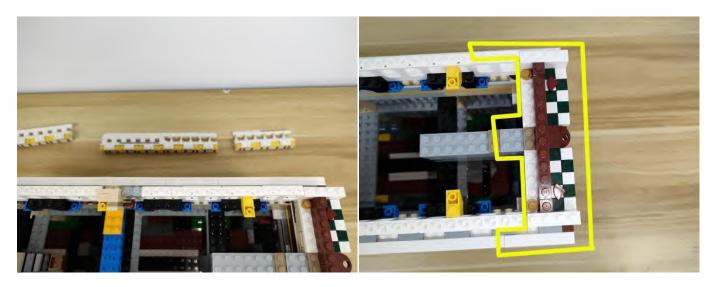


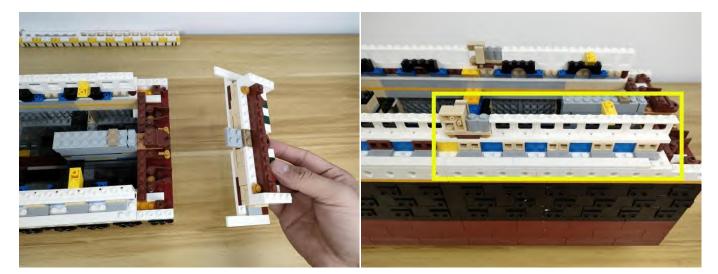




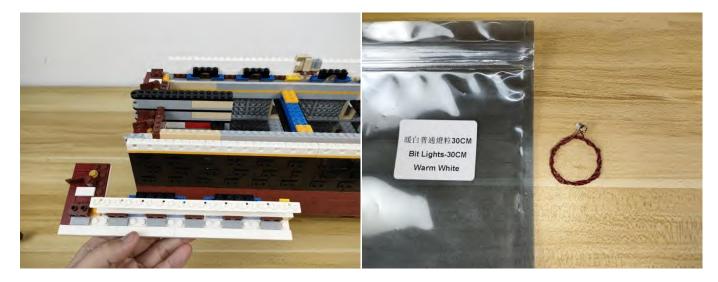


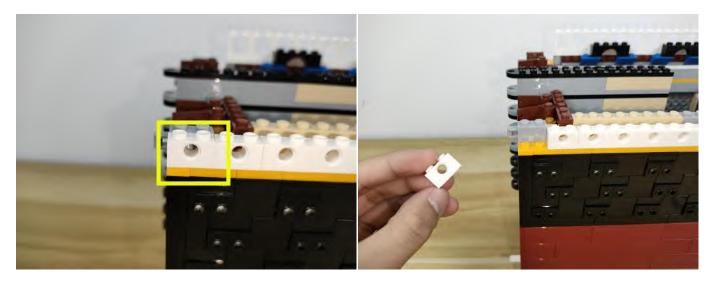






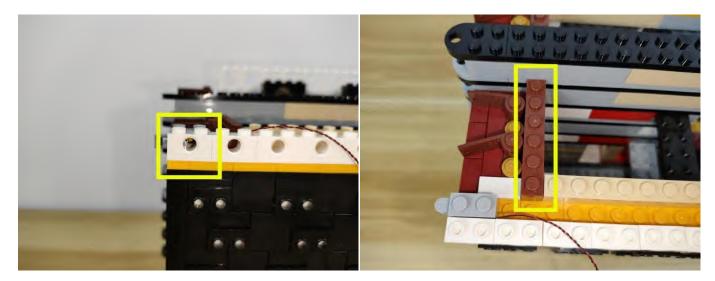








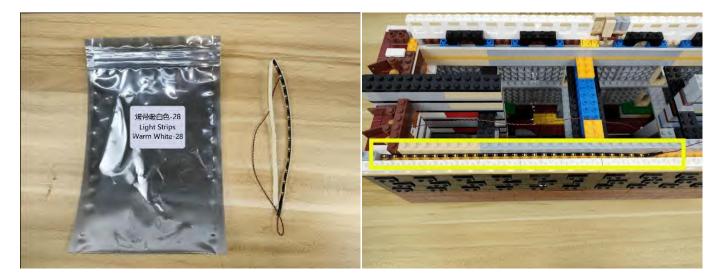


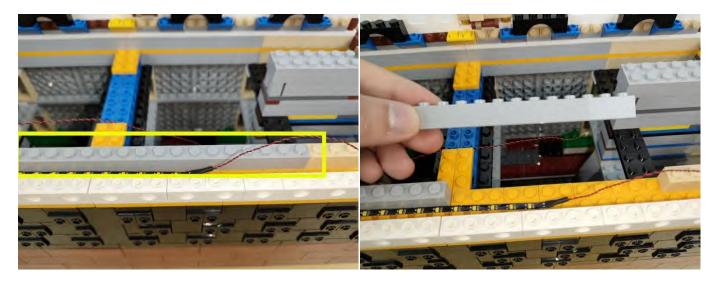


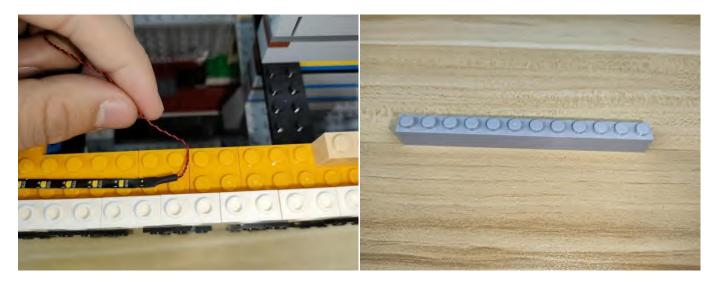






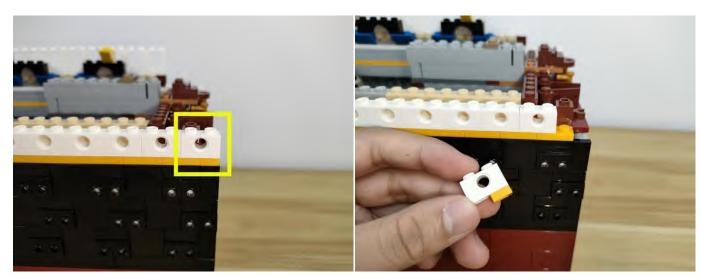


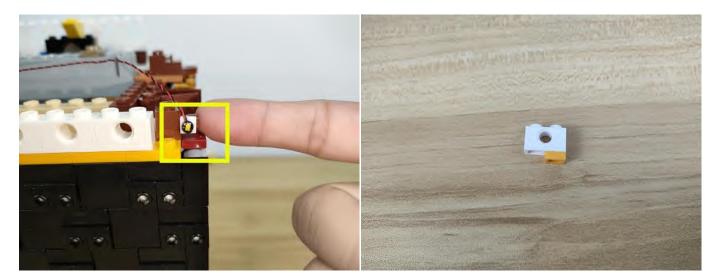






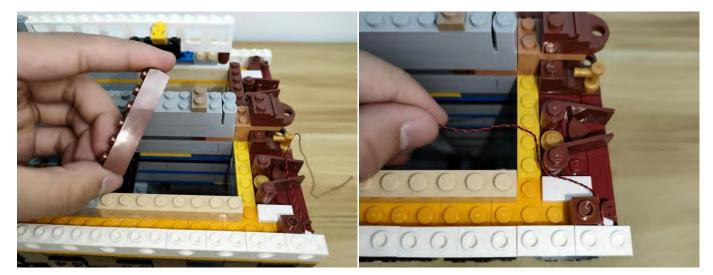




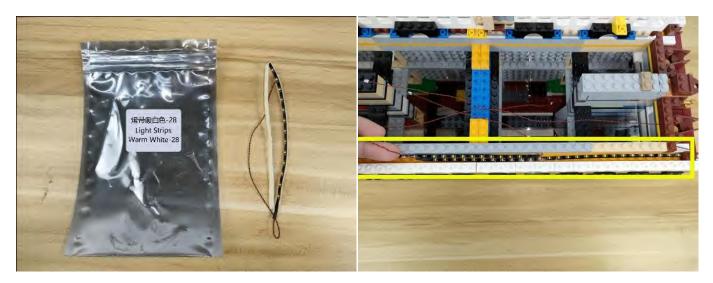


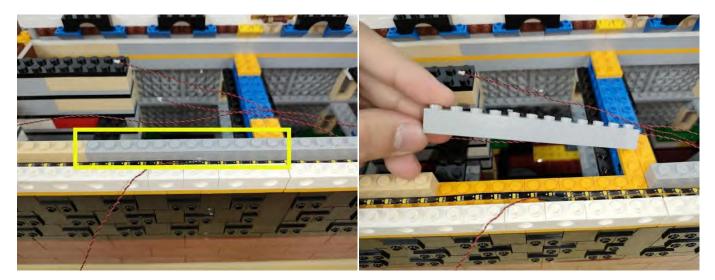


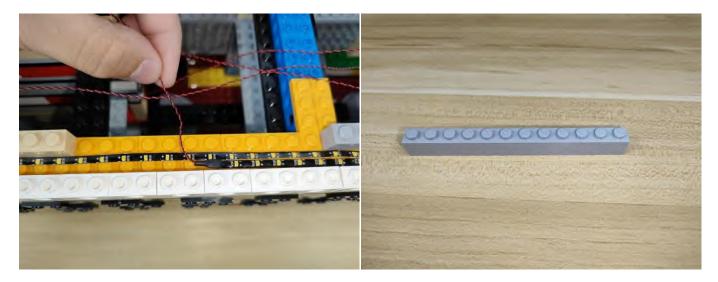






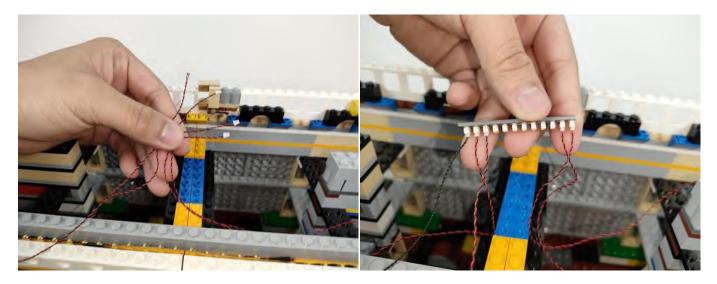


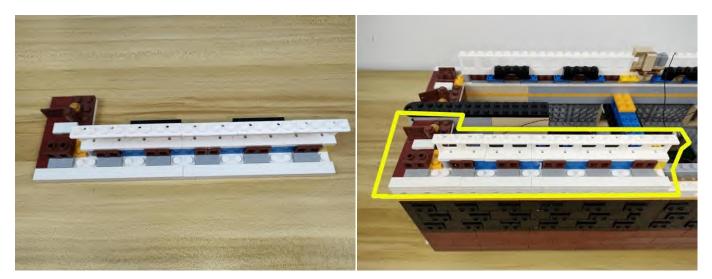




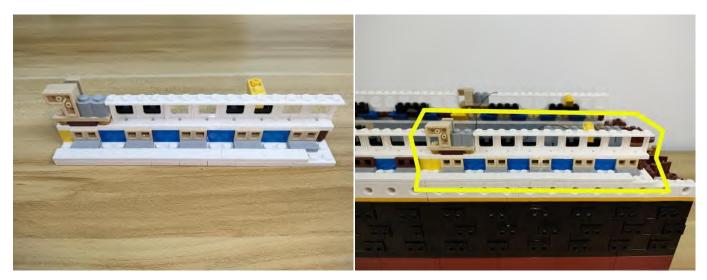


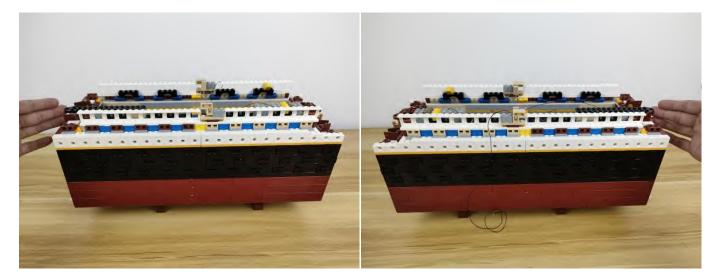


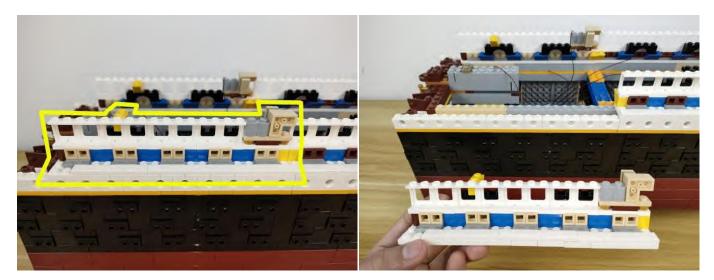


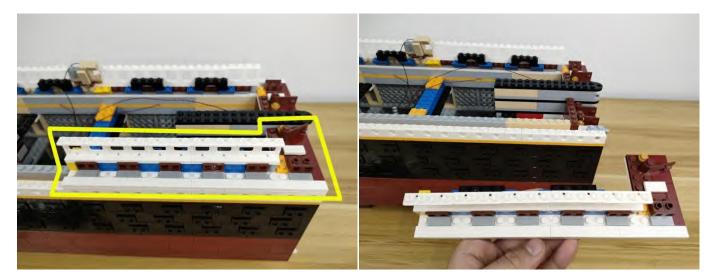


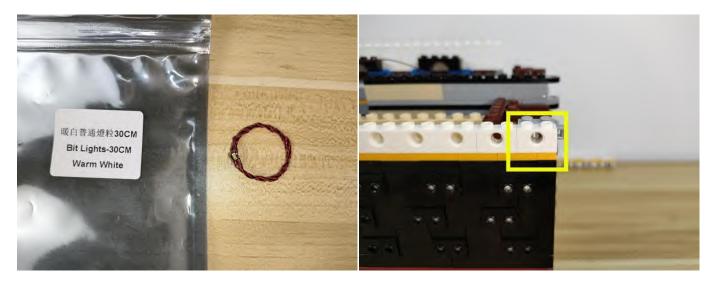








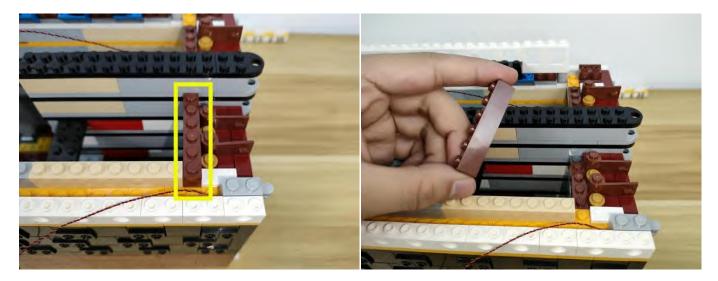


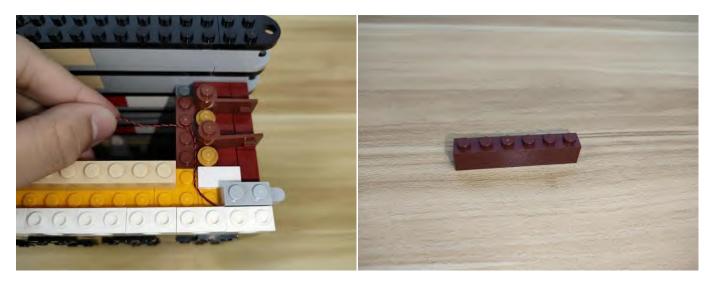






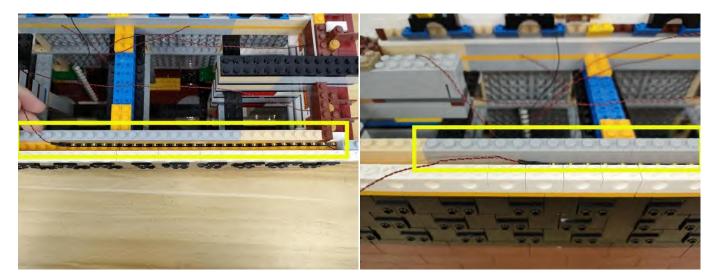


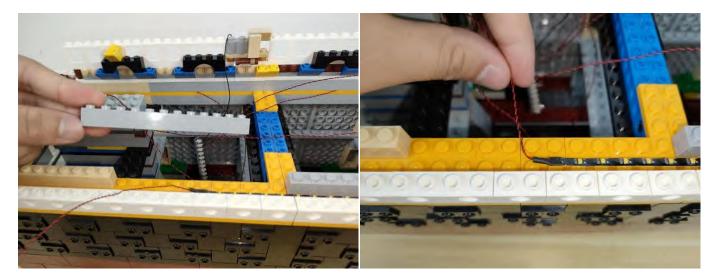


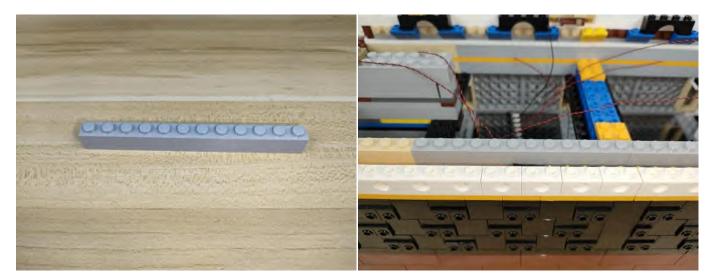


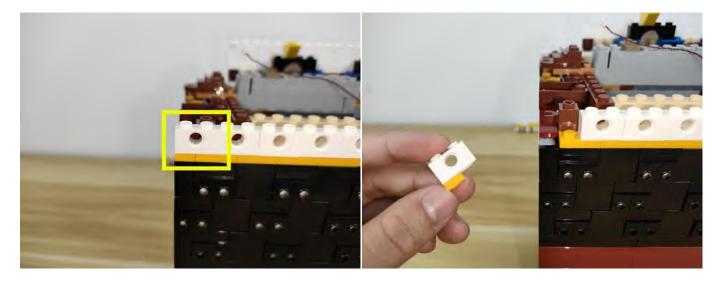






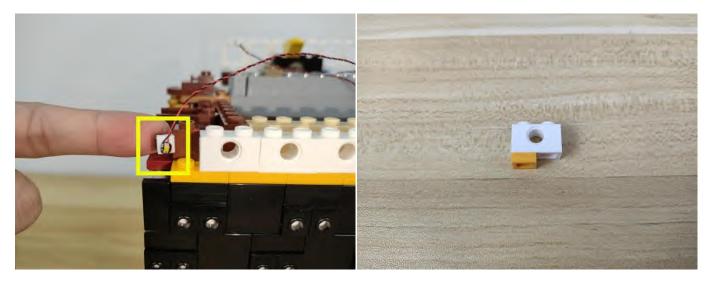


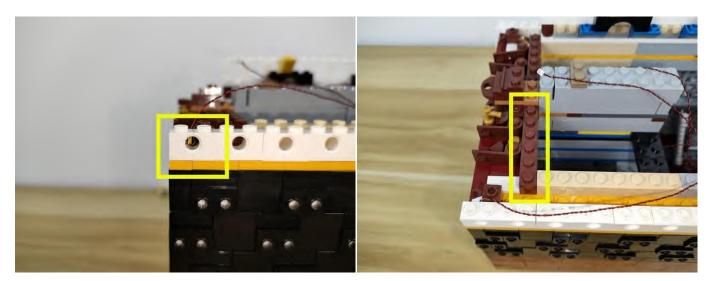


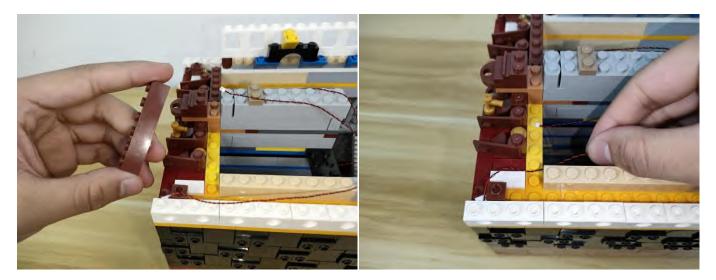






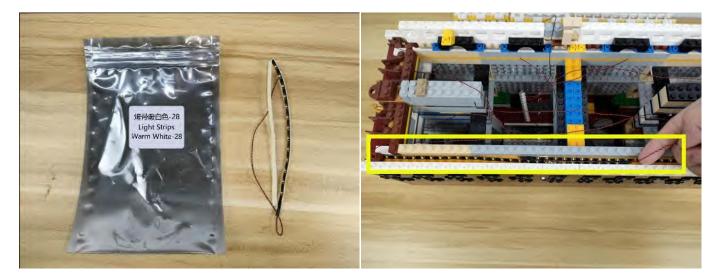


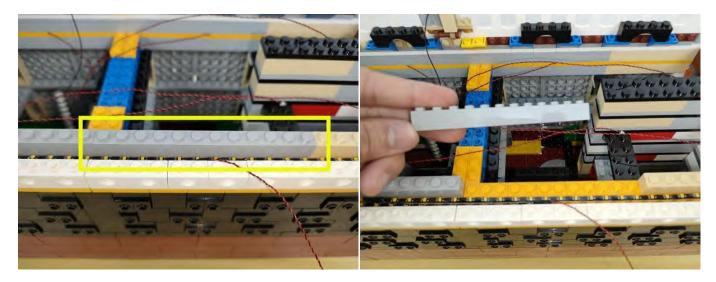




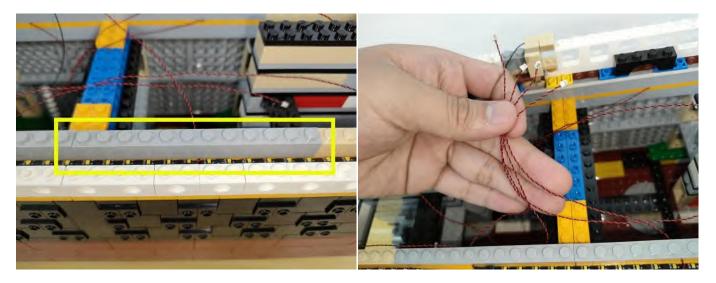


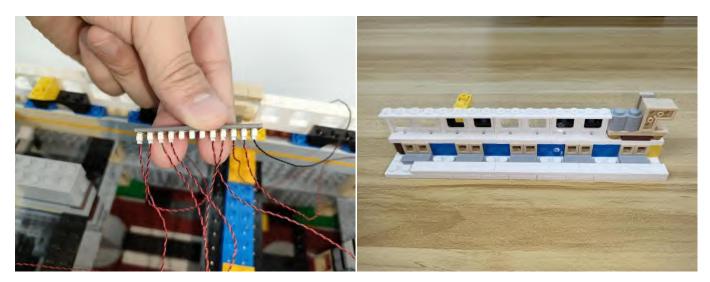


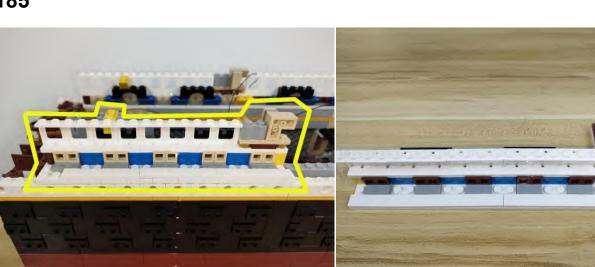




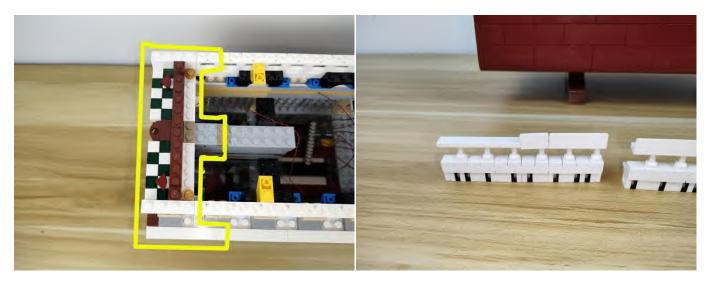


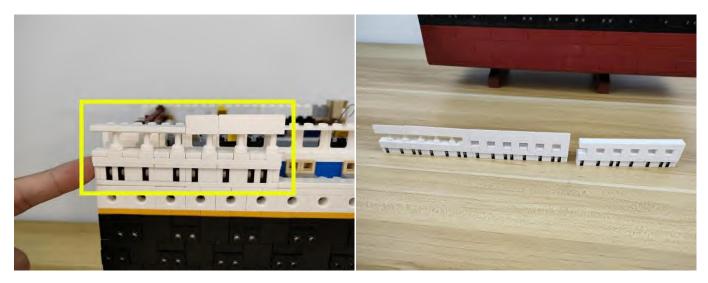








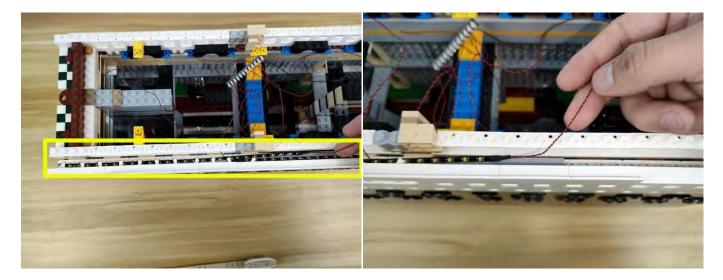








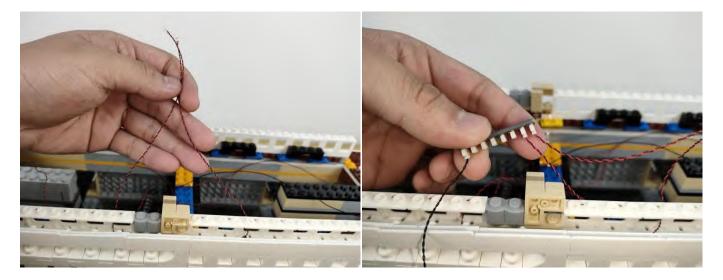




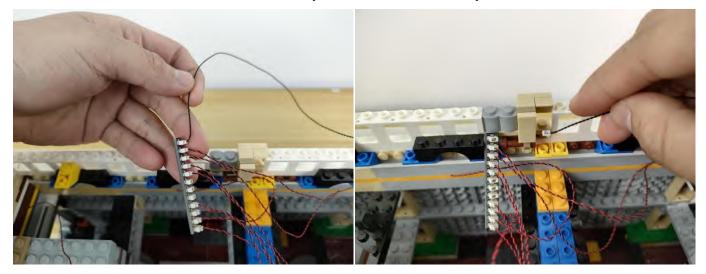






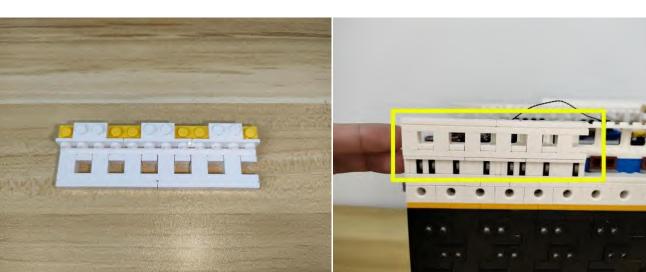


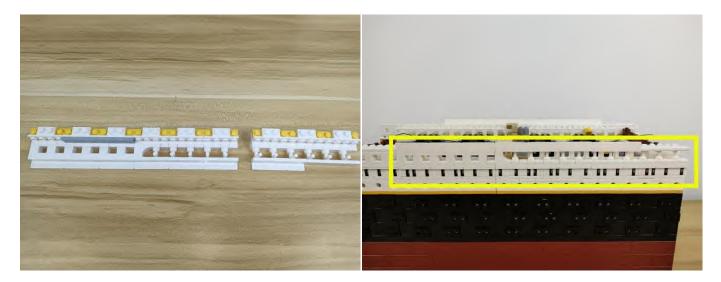
Remove the 50 cm cable from the 12 expansion board and replace it with a 20 cm cable.

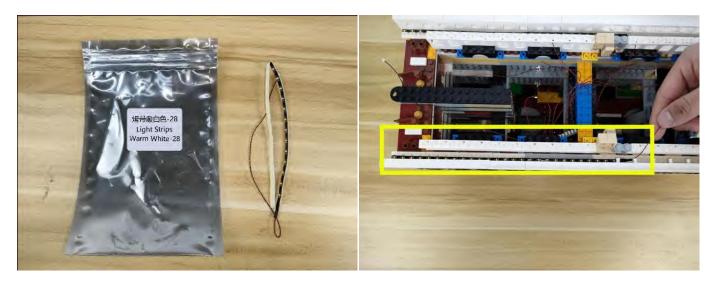




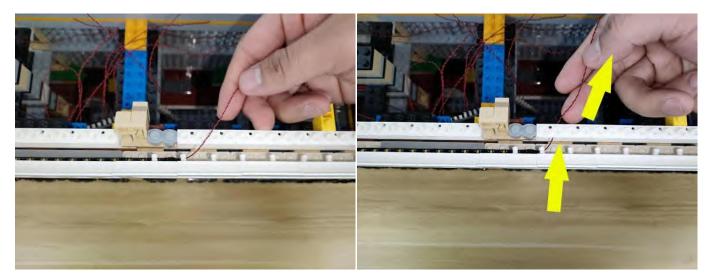


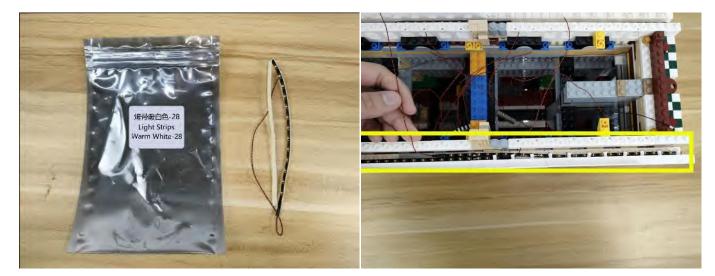


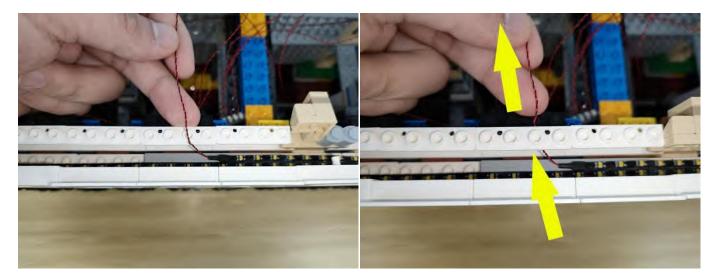


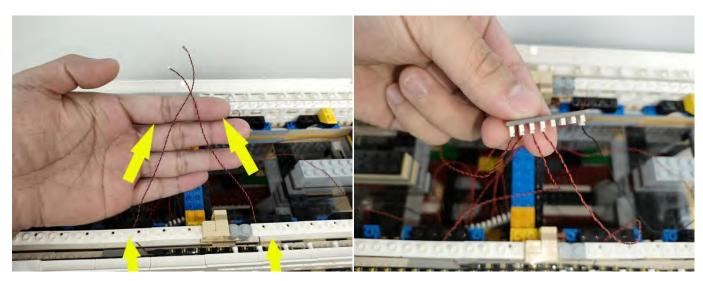


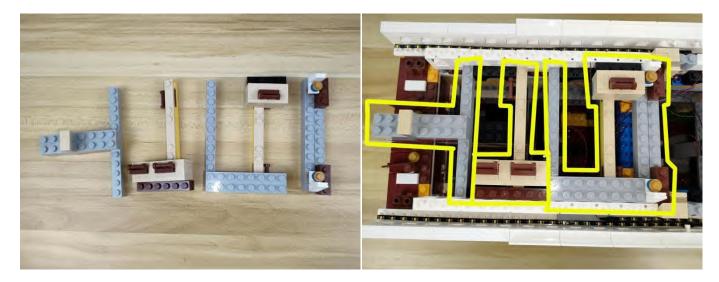


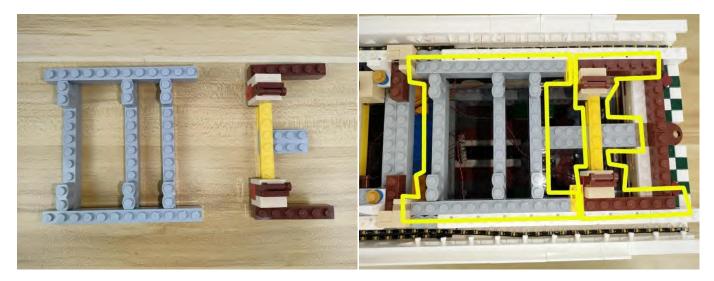








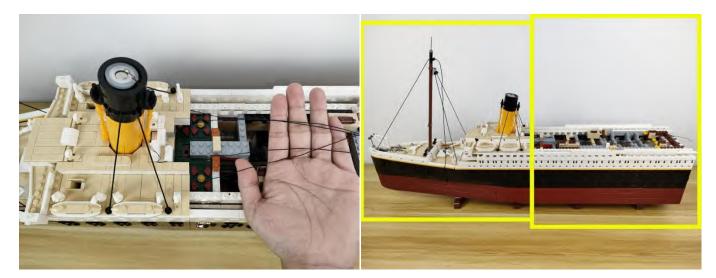




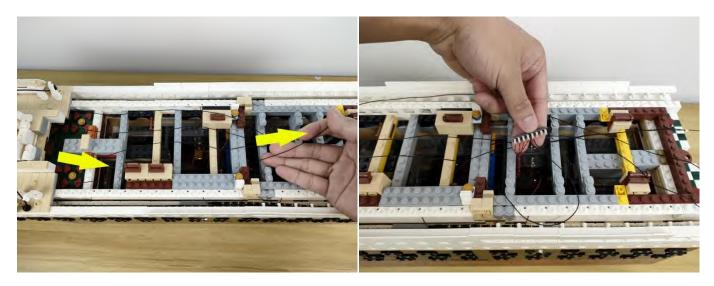


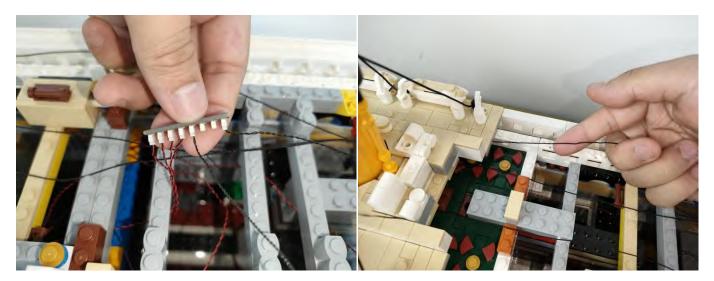




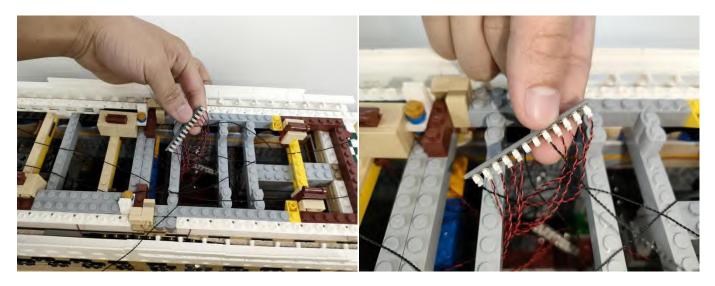


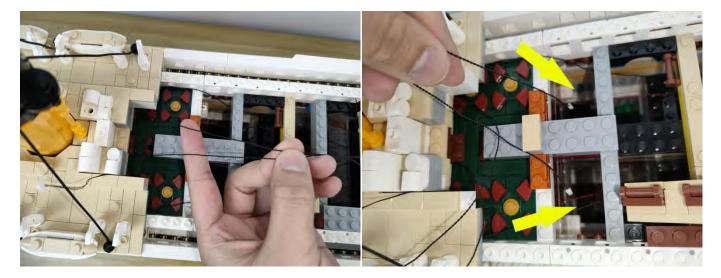




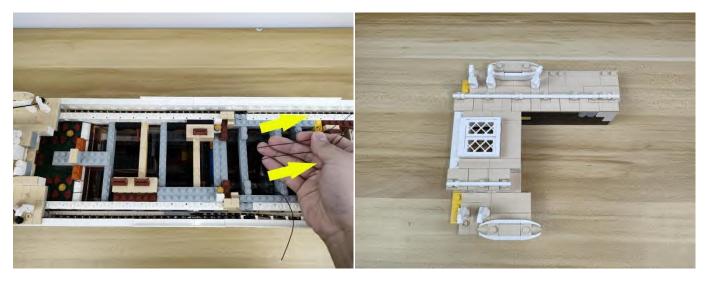


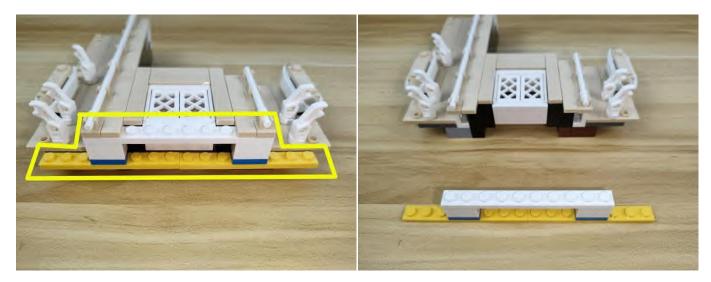






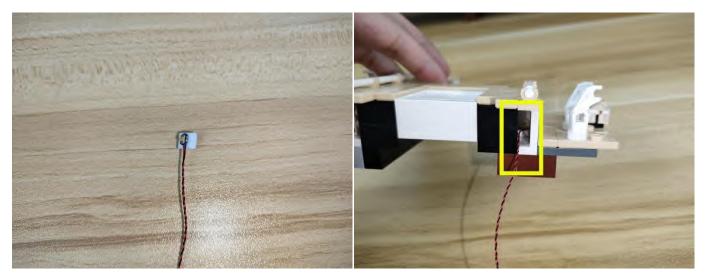


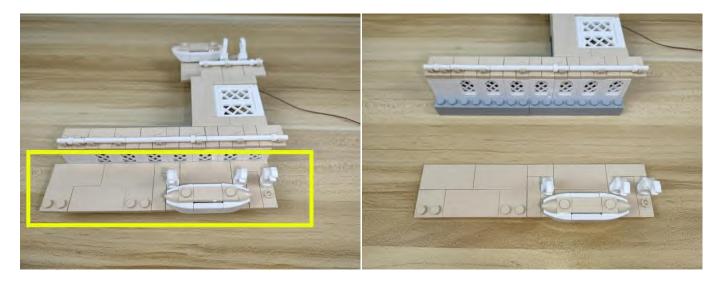


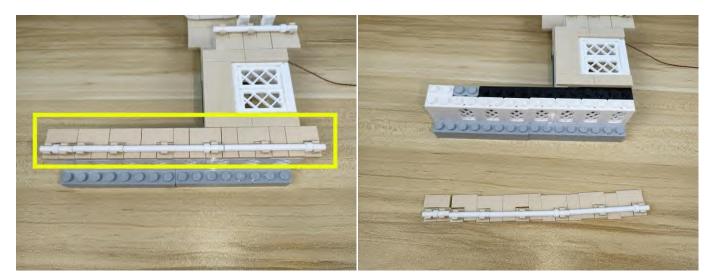




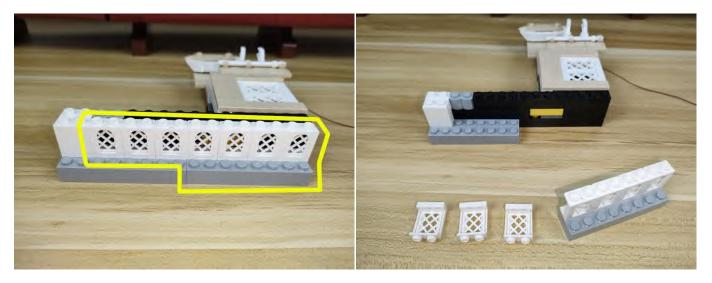


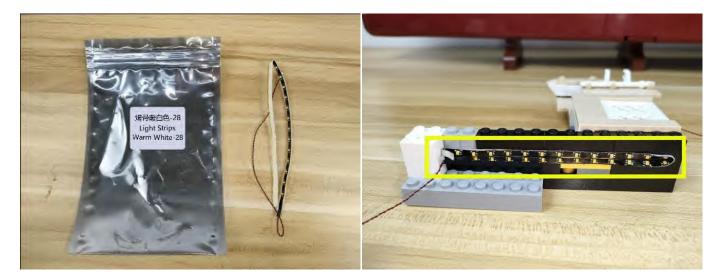


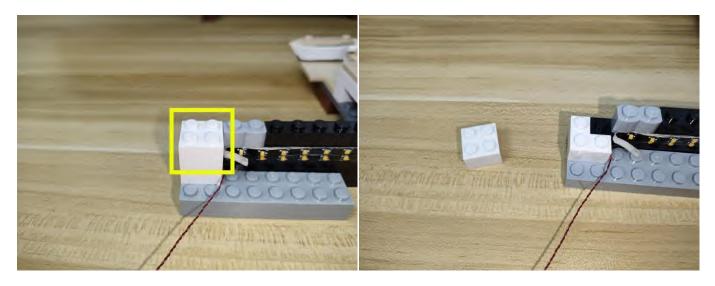




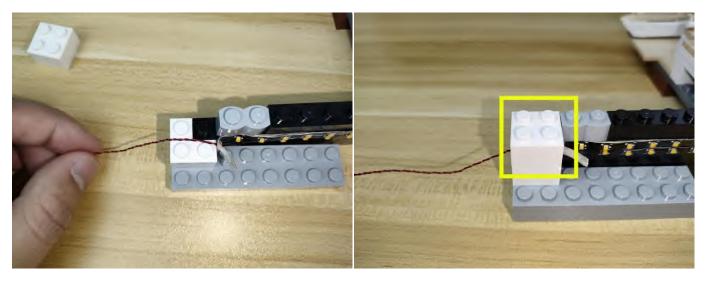


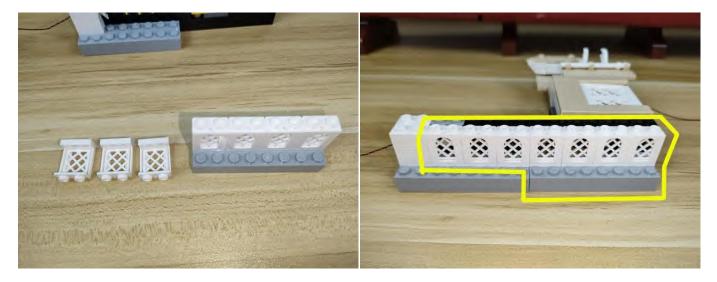


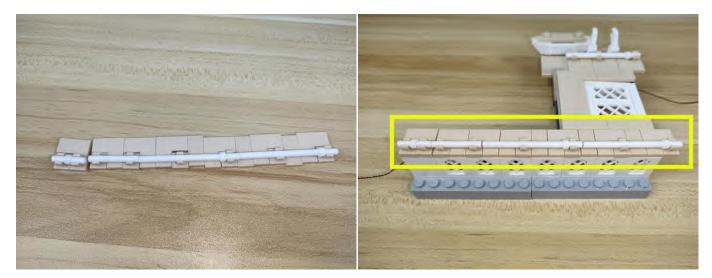




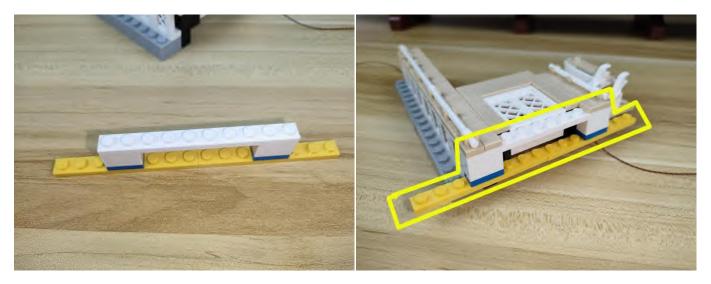








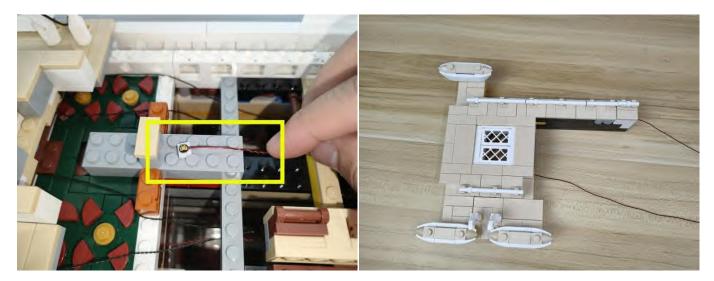


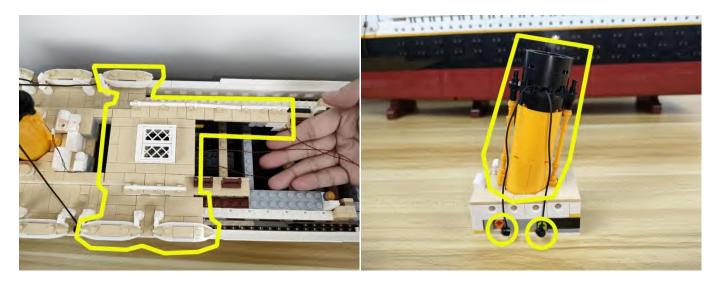












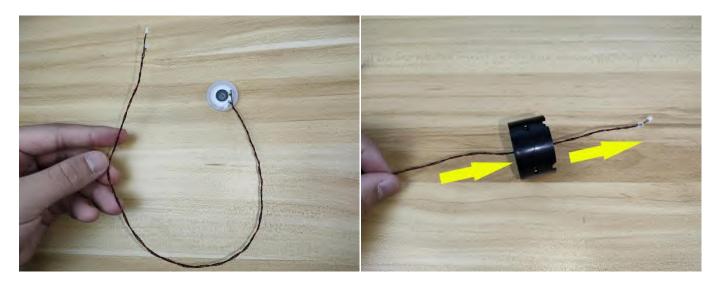


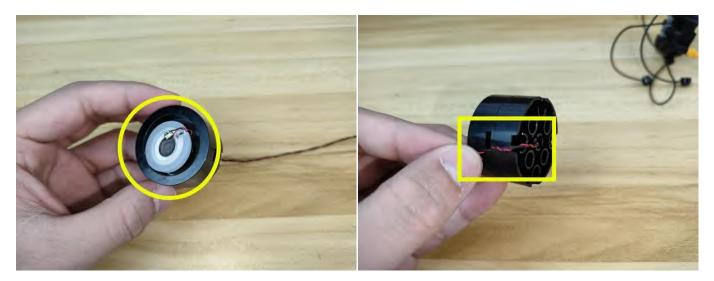




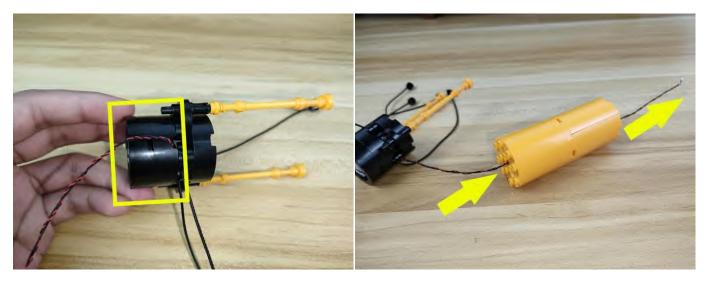
Fix the lamp pellet to the position selected in the figure, with the solder joints of the spray module components facing upwards.

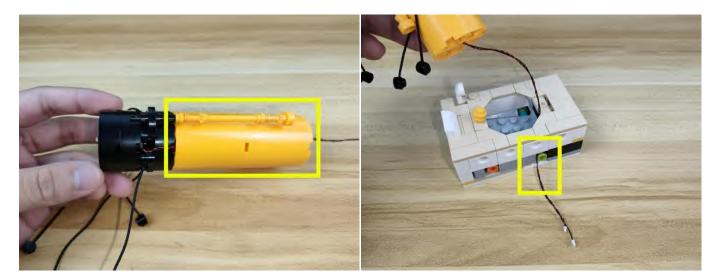


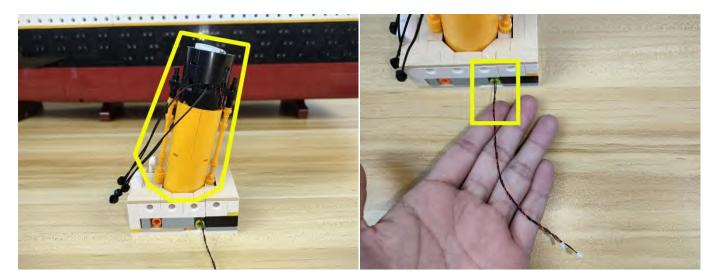






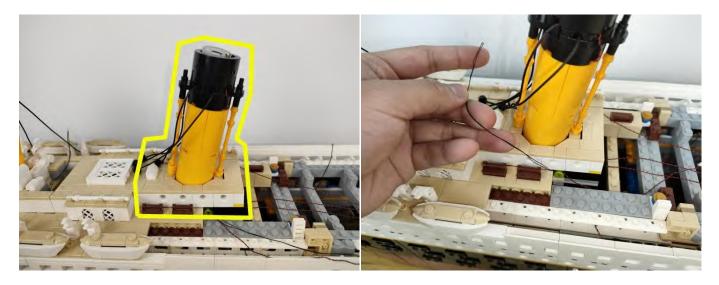








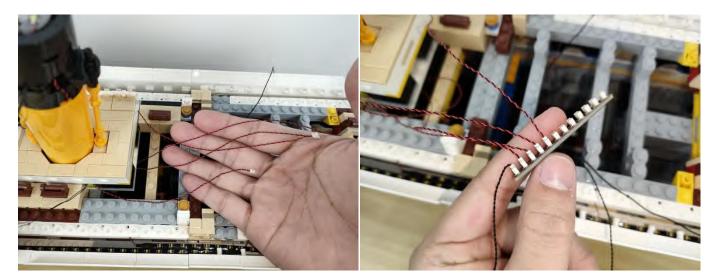




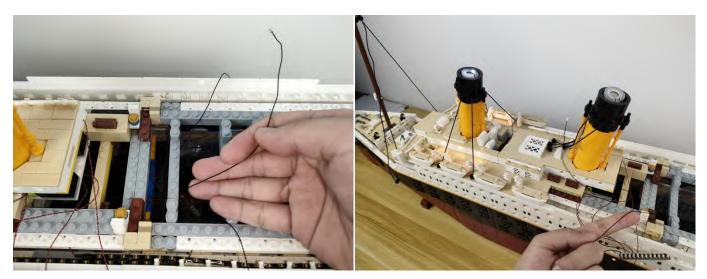






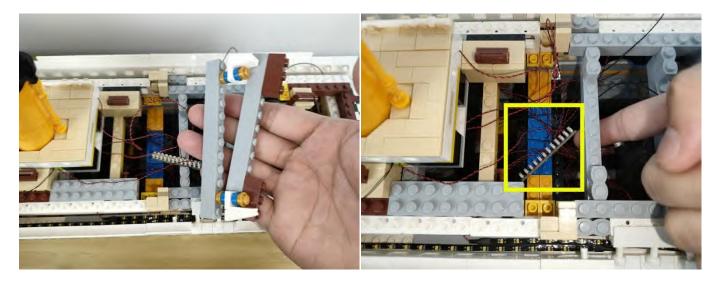










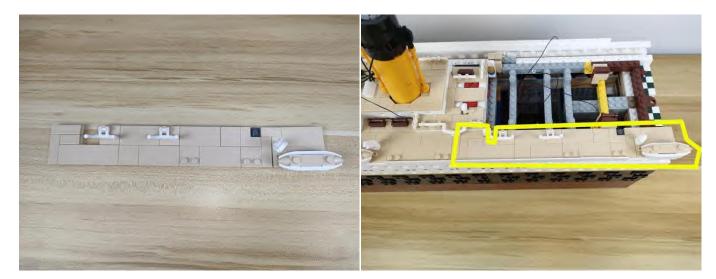












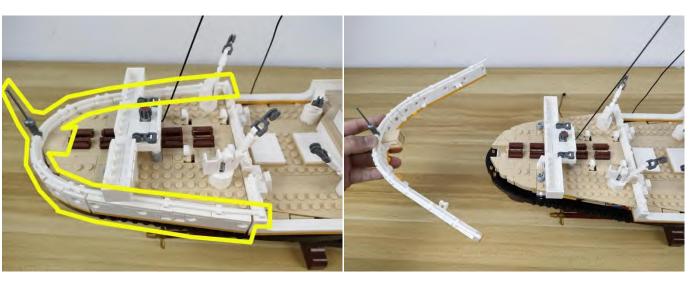


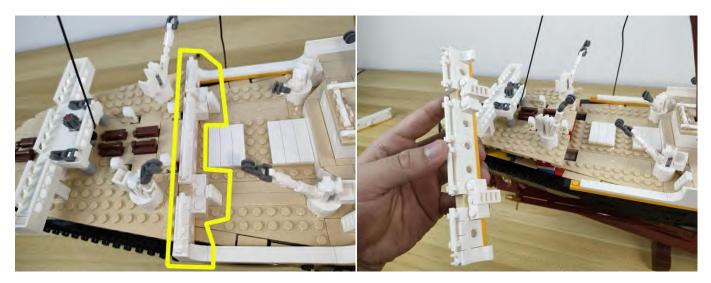


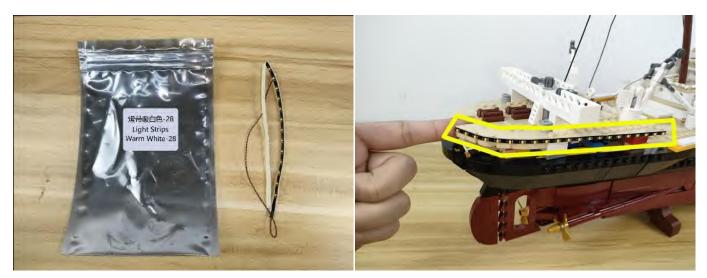




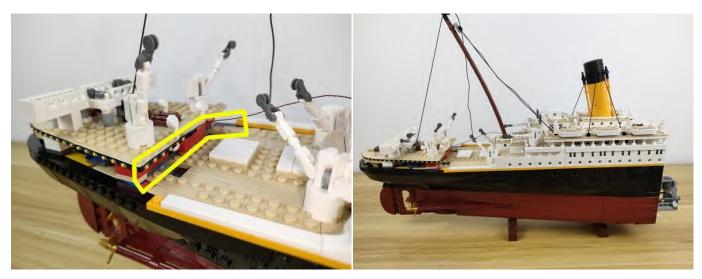




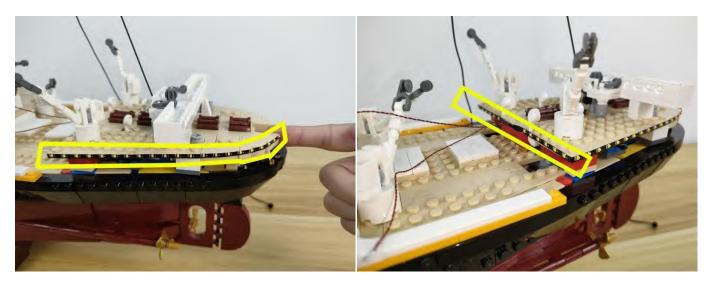


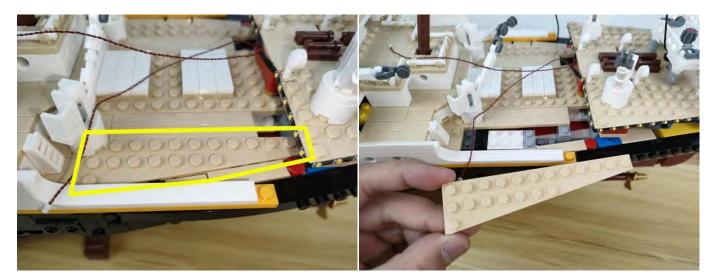




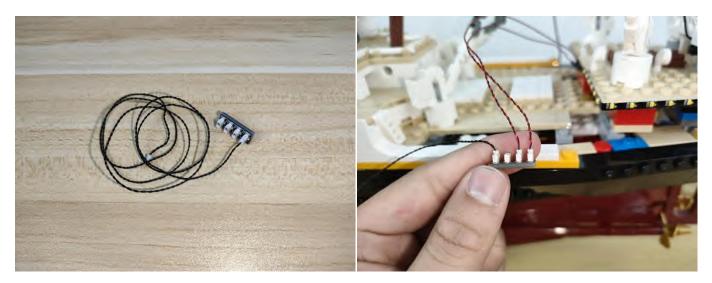


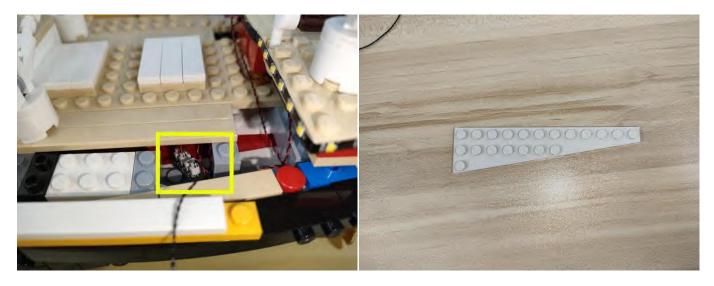


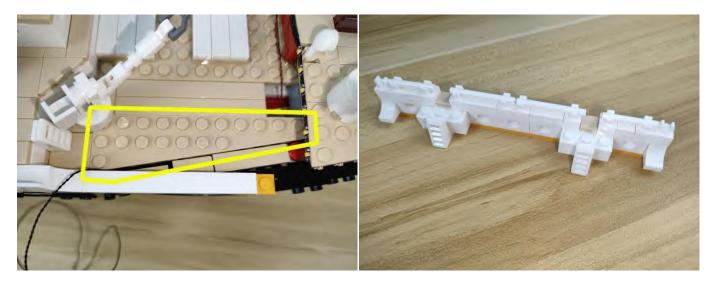


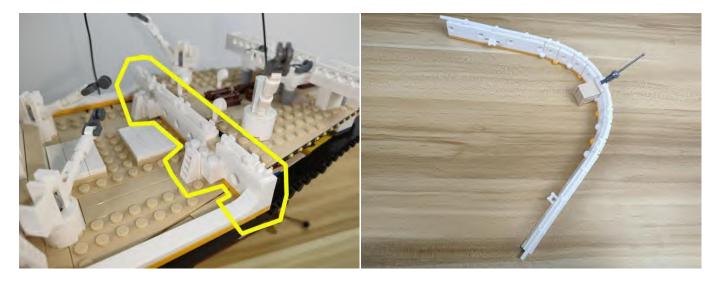




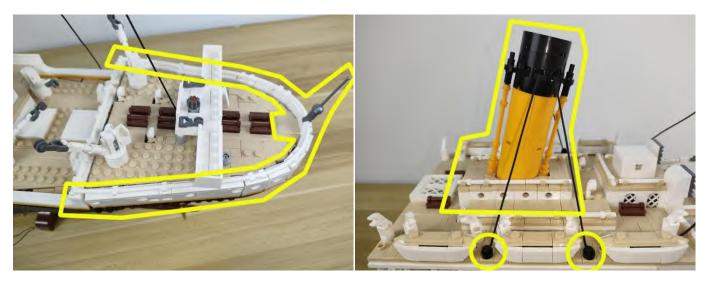


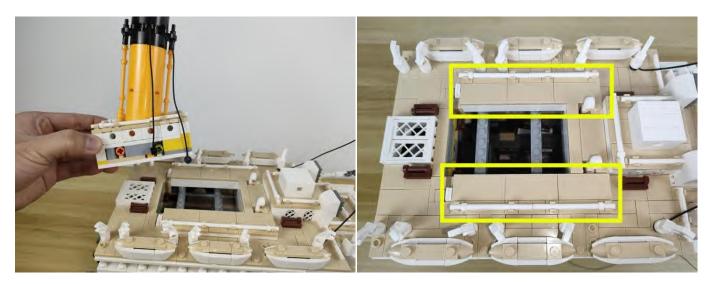


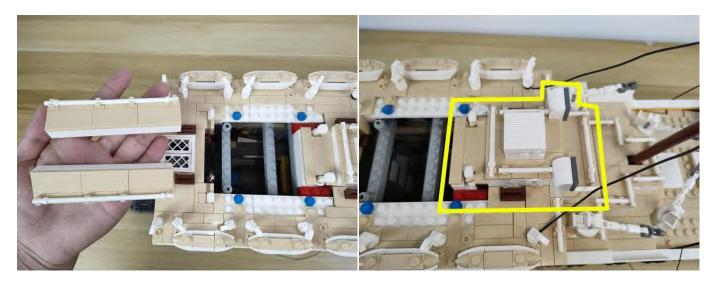




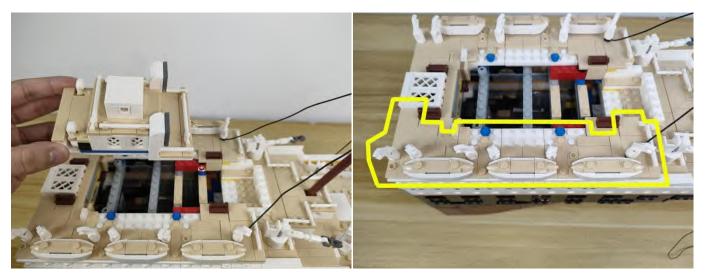


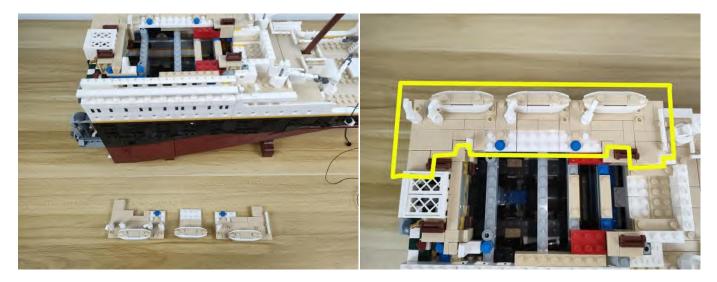






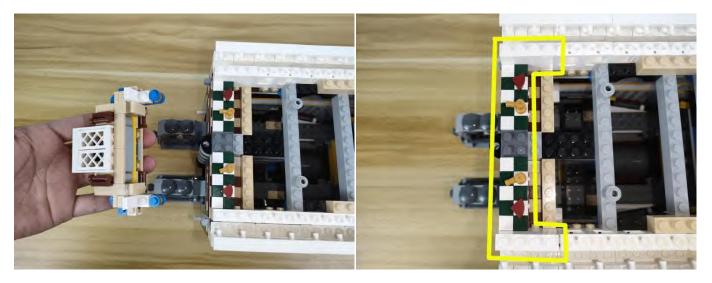


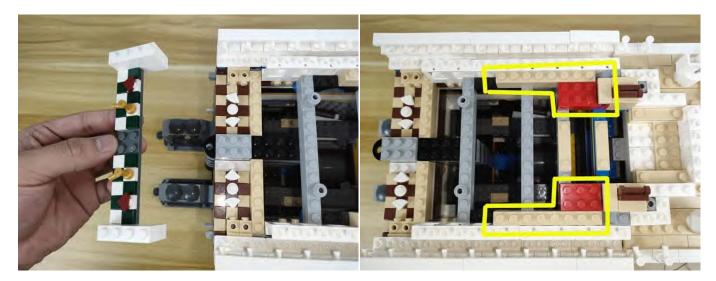


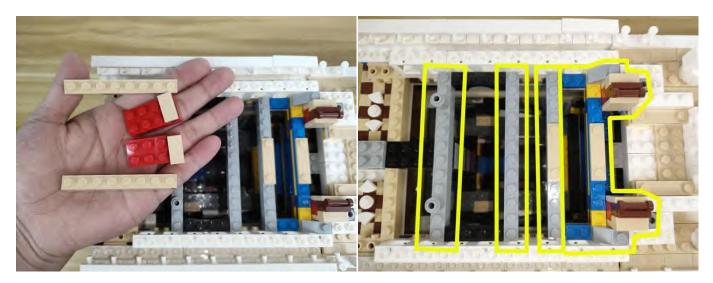




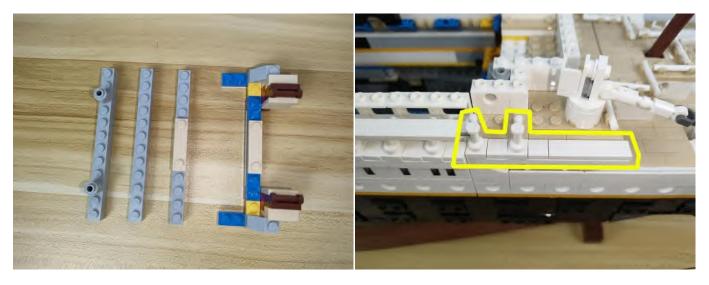








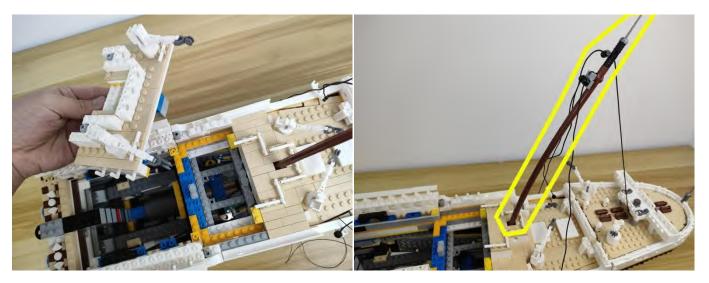


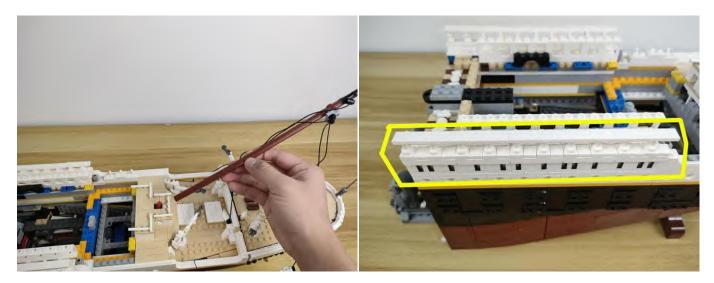




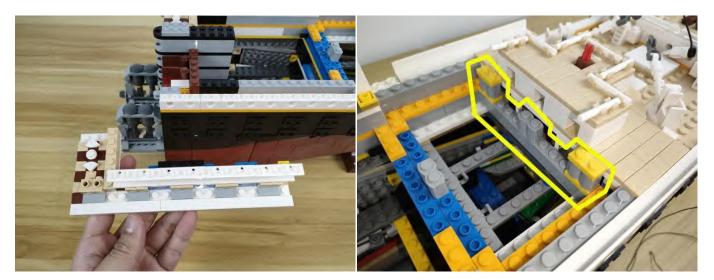


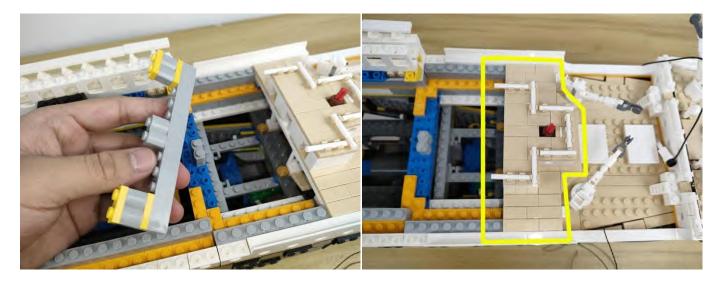


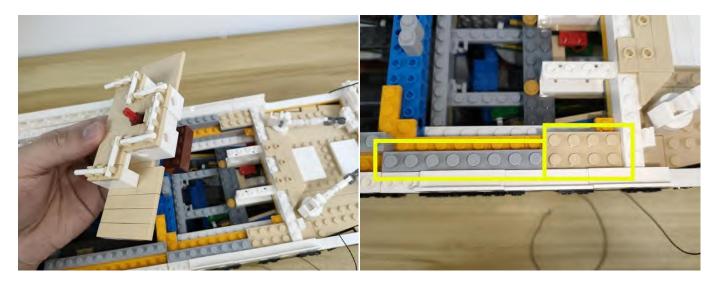


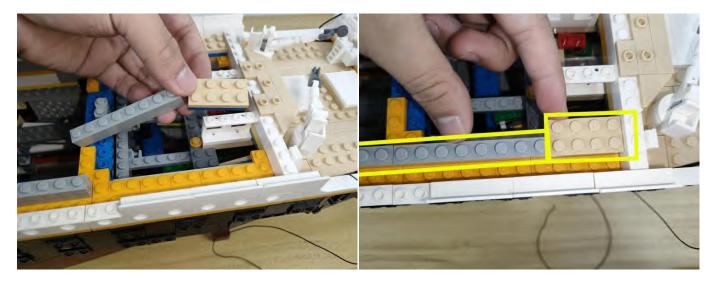


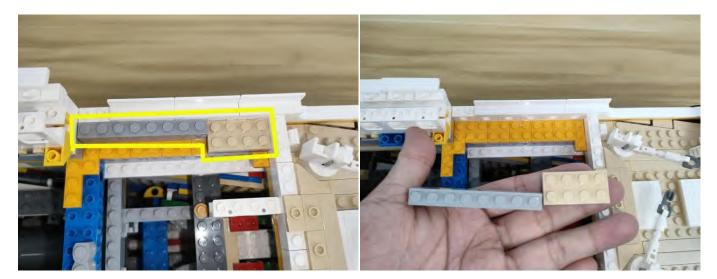






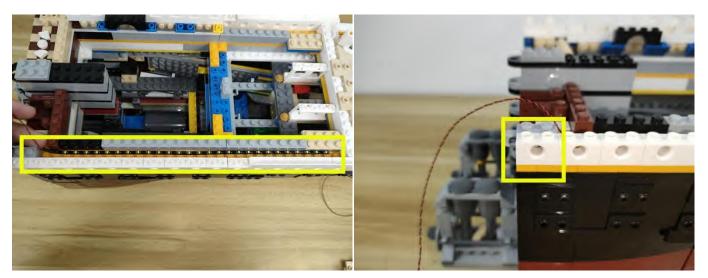








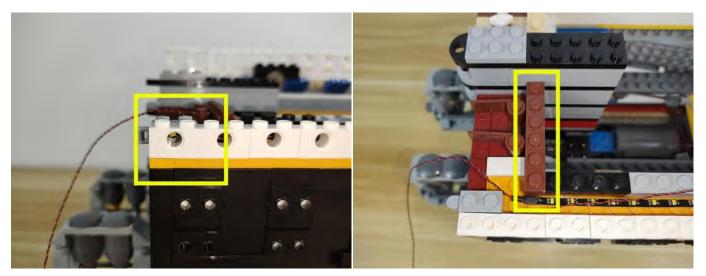


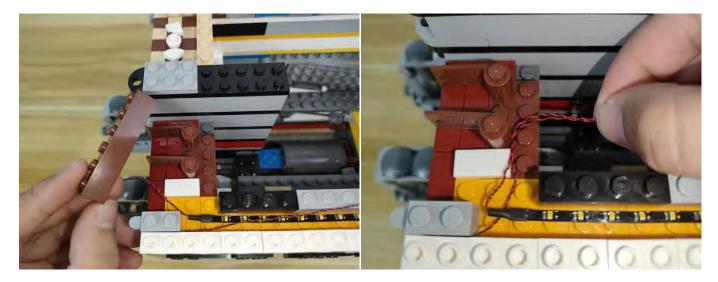


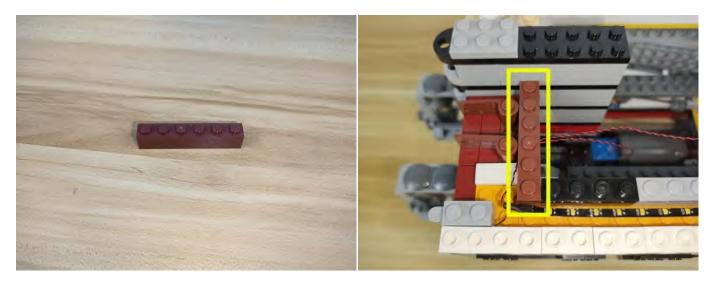




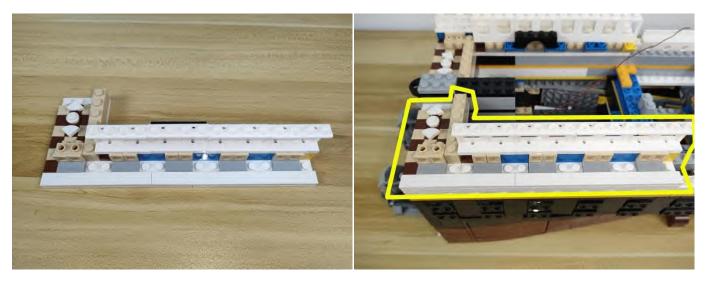


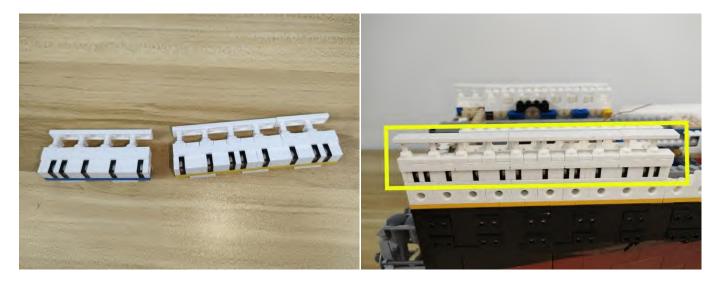


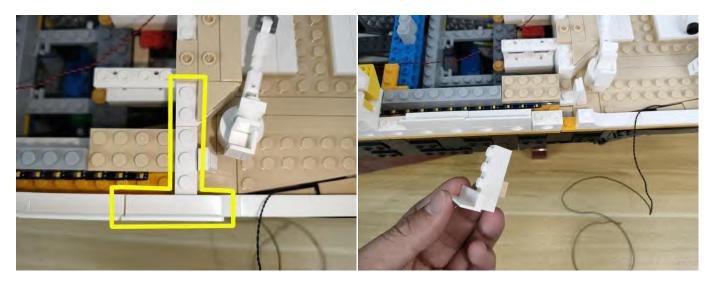




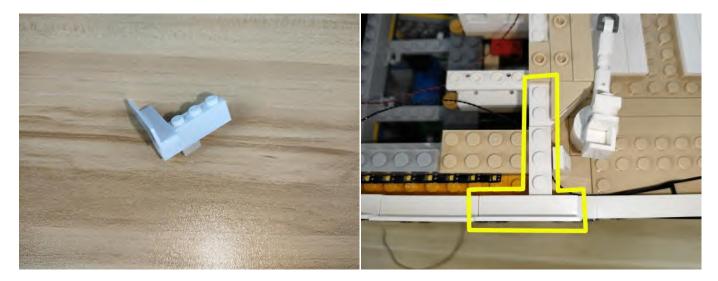




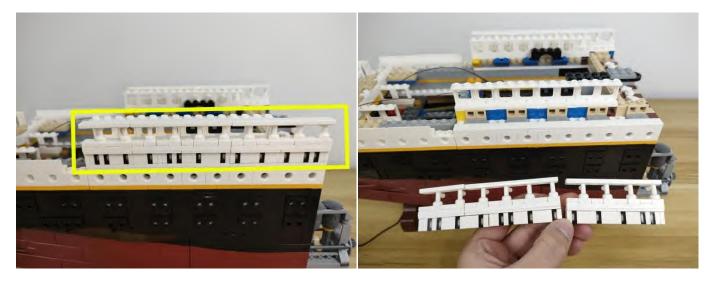


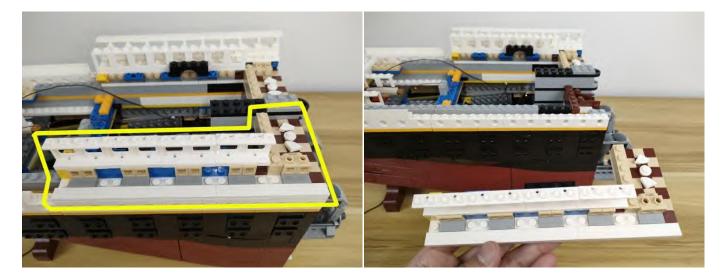


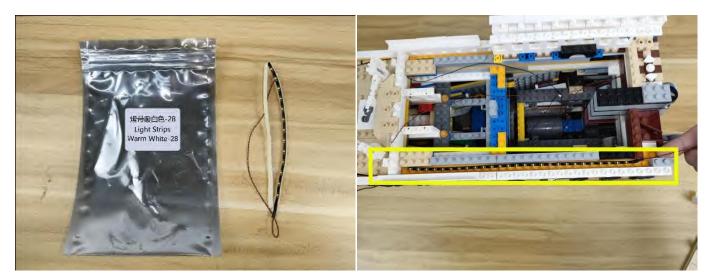


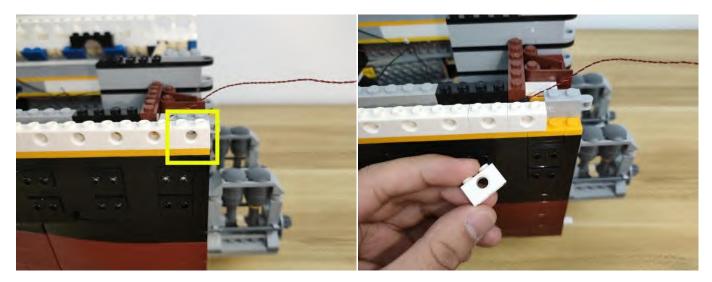


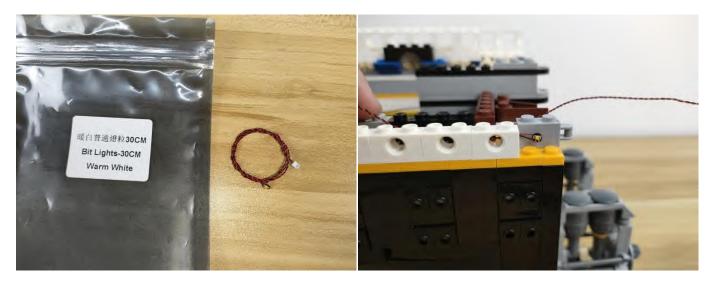


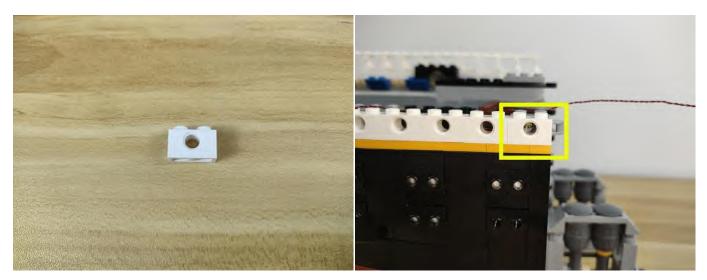


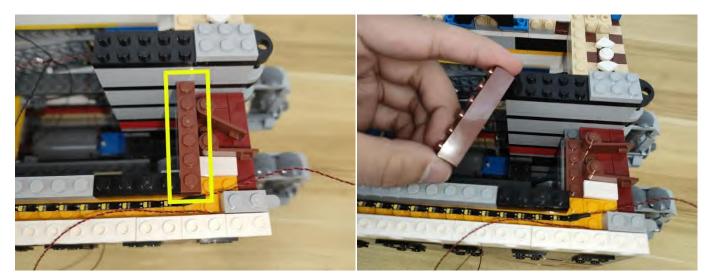


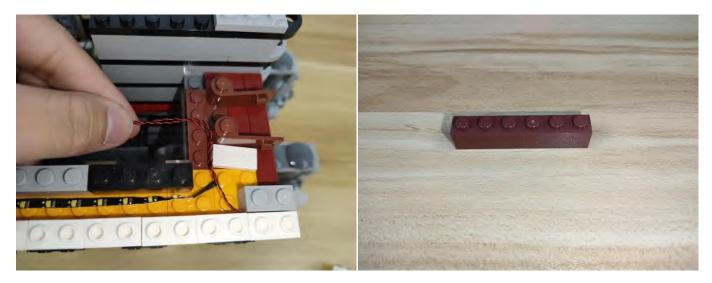








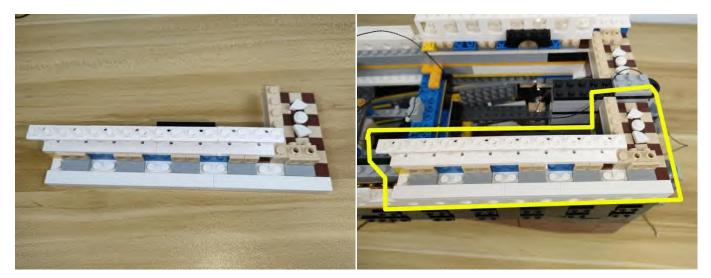




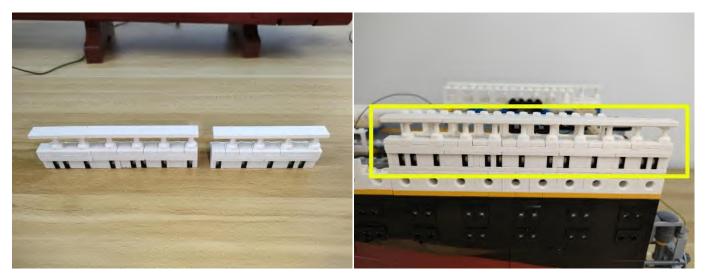




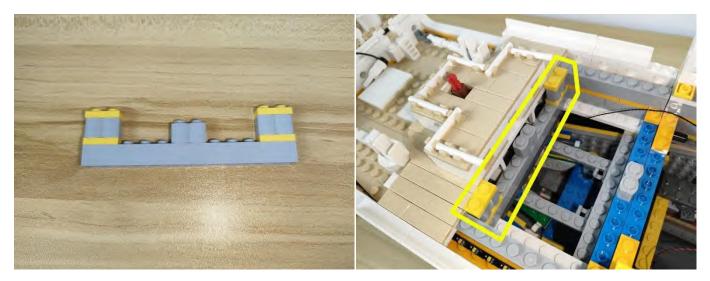




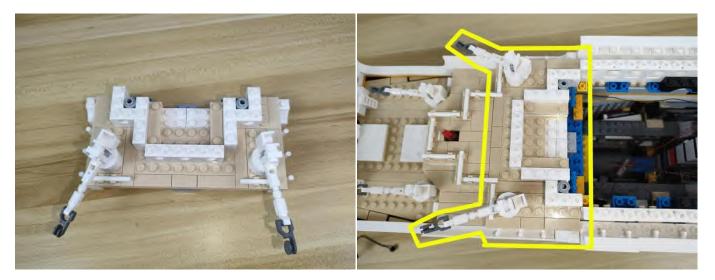


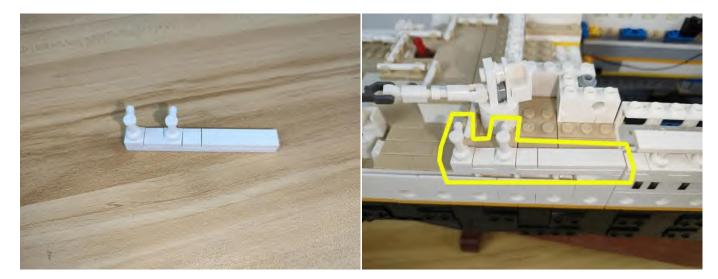


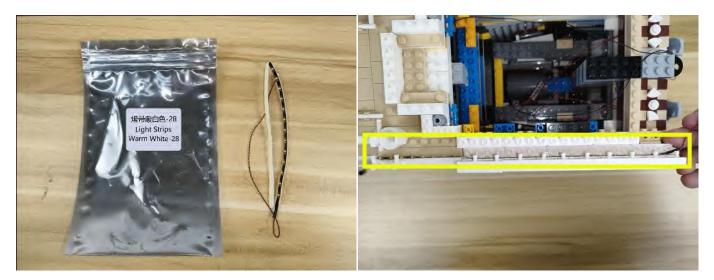


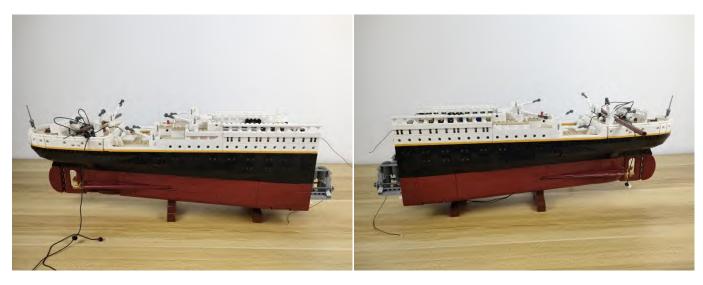


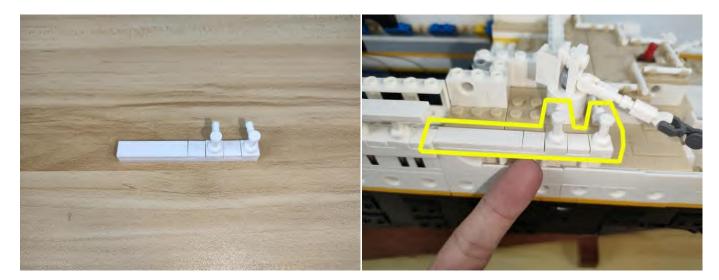


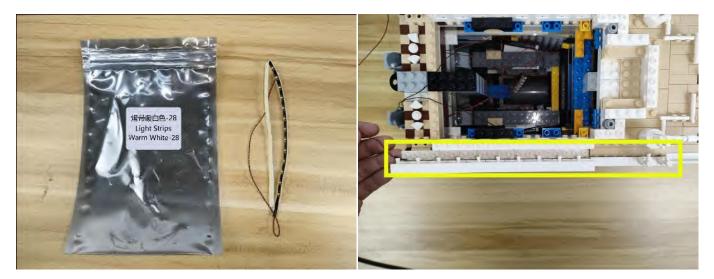






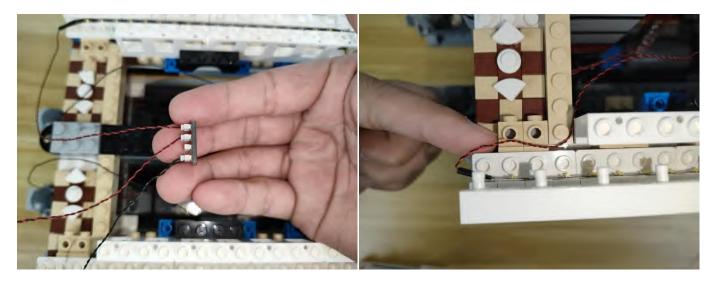






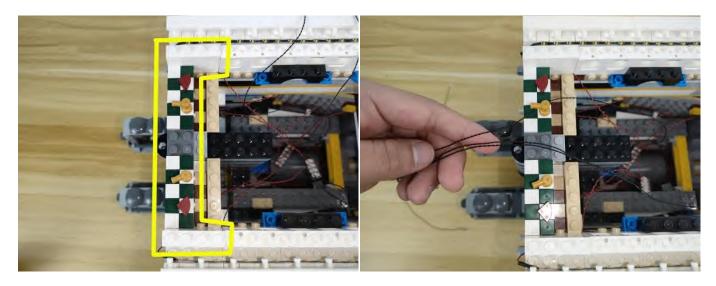


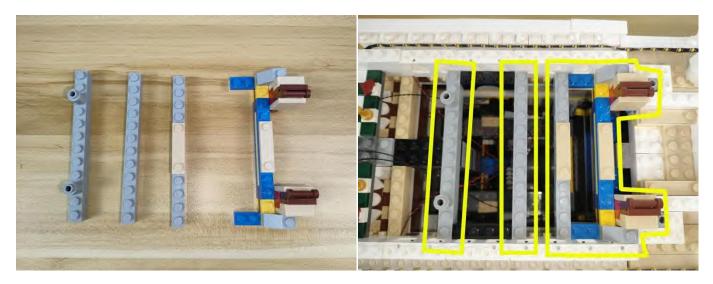


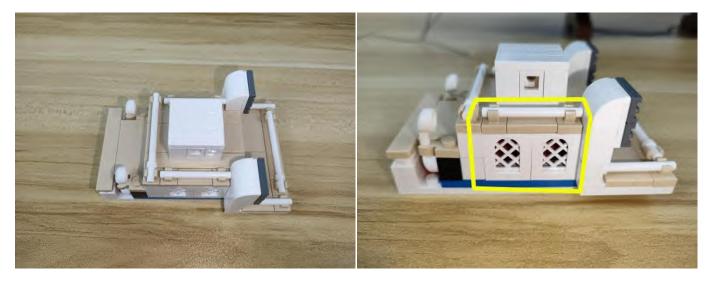




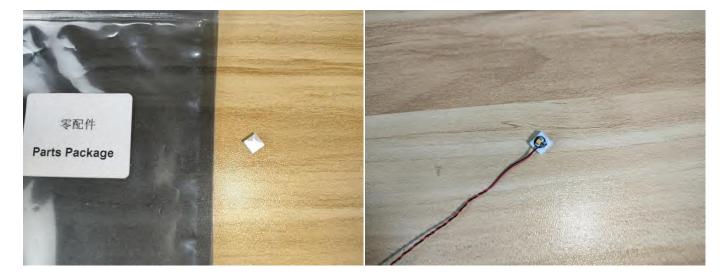




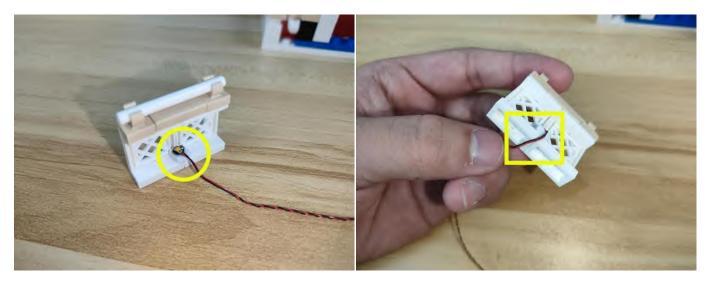


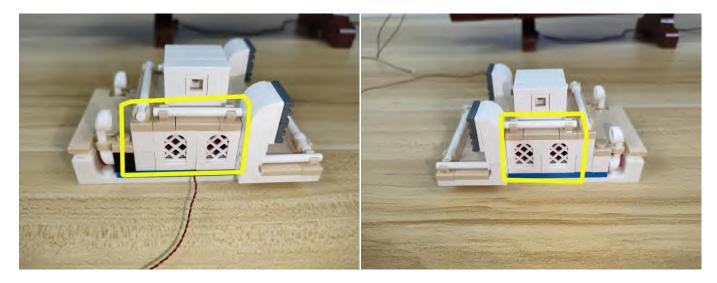






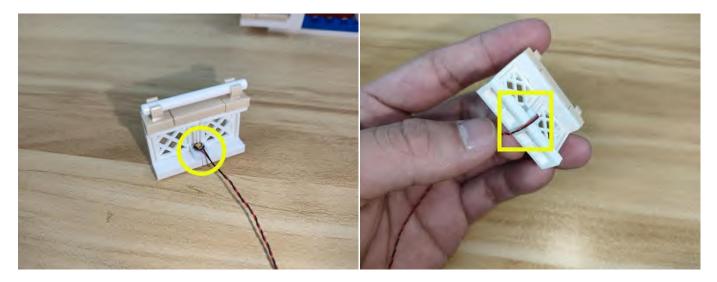


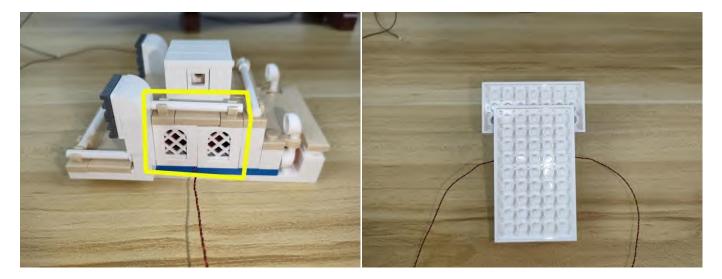


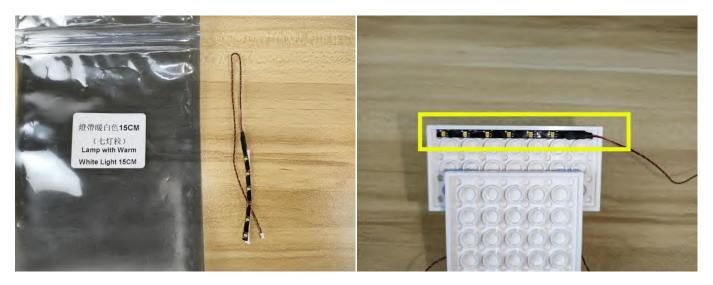


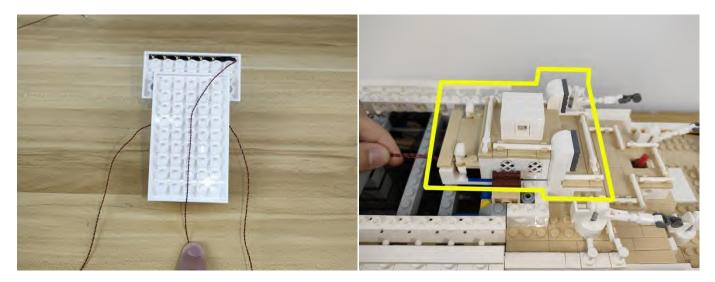






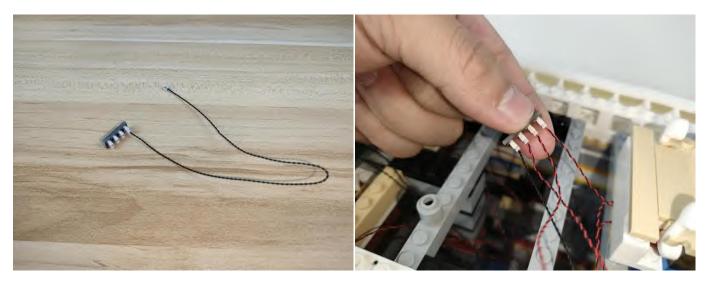


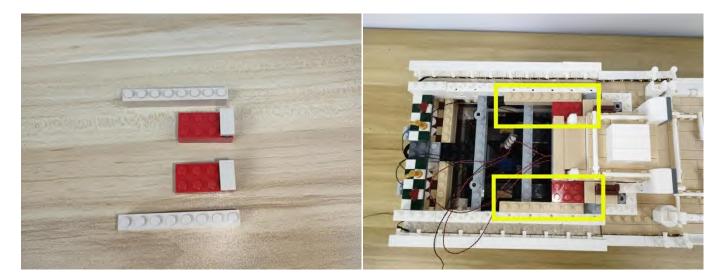


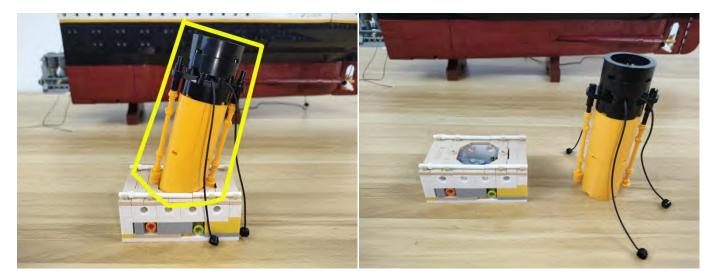




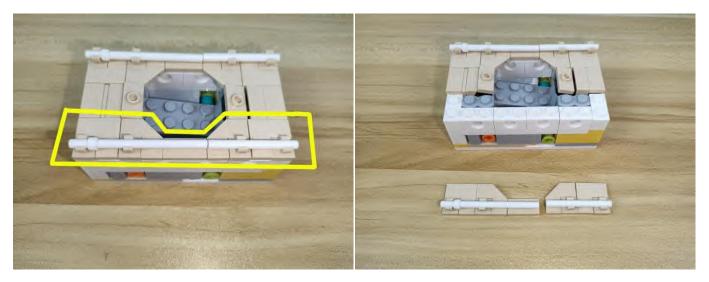


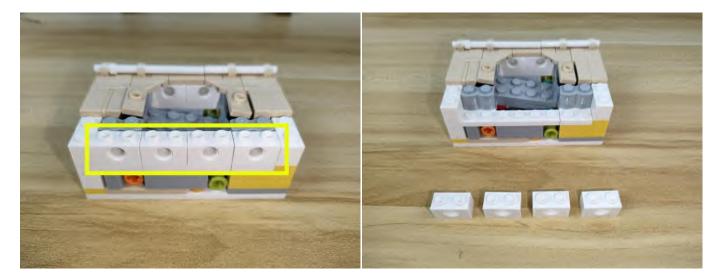


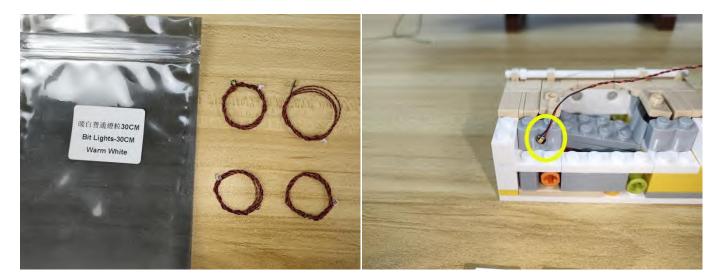






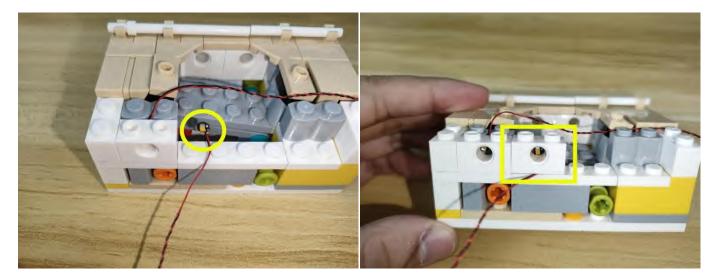


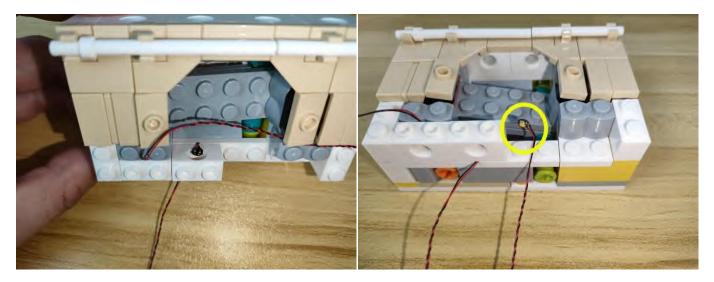


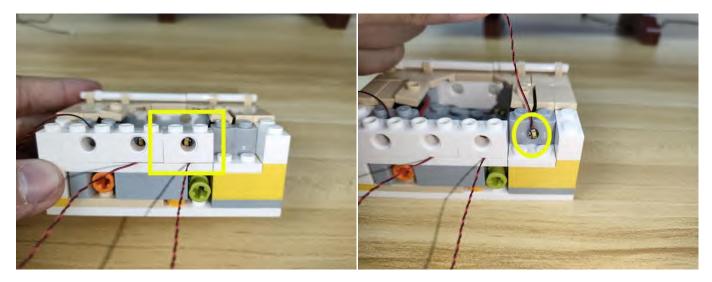


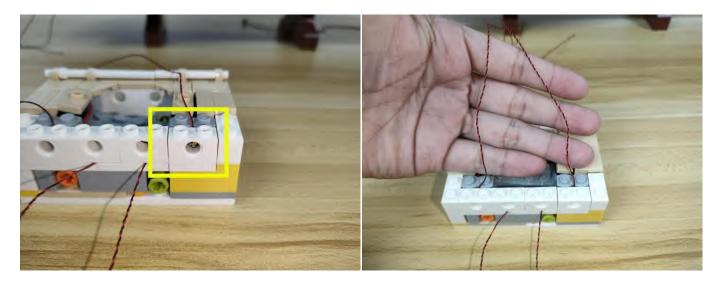


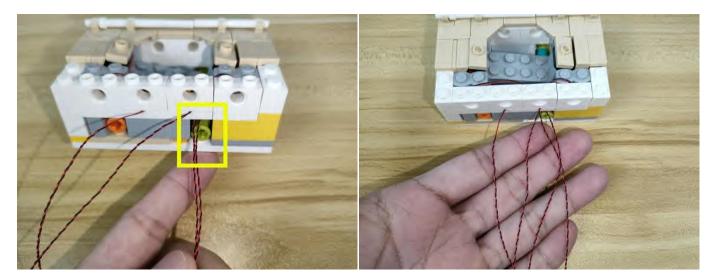


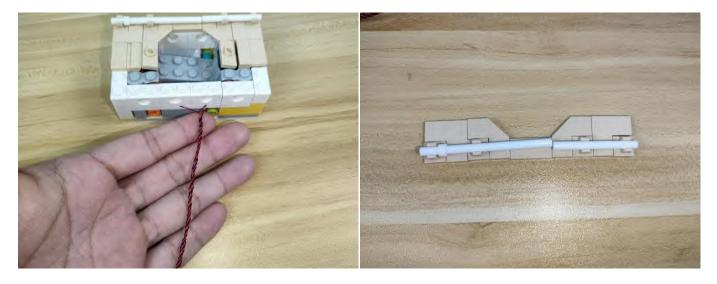




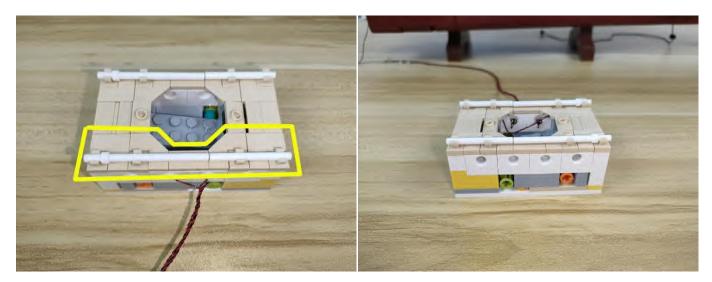


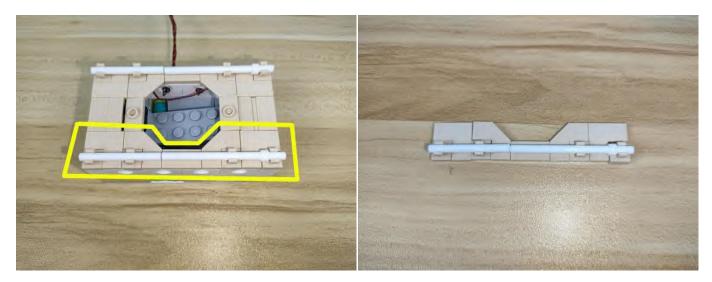


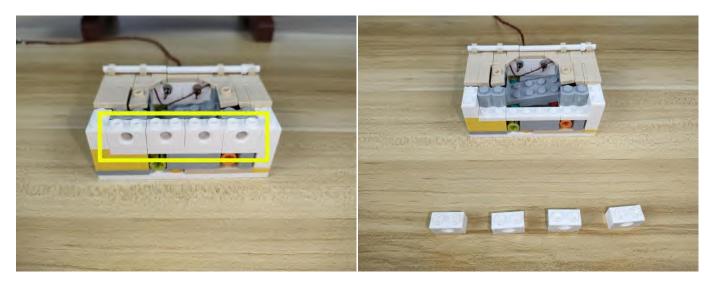


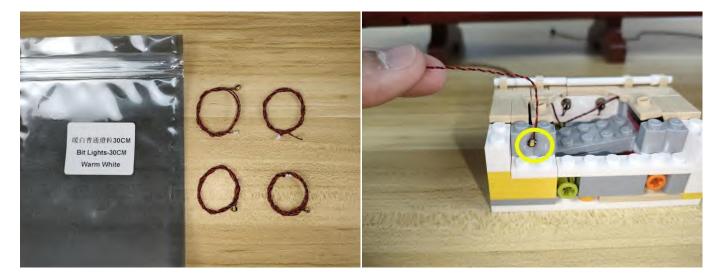


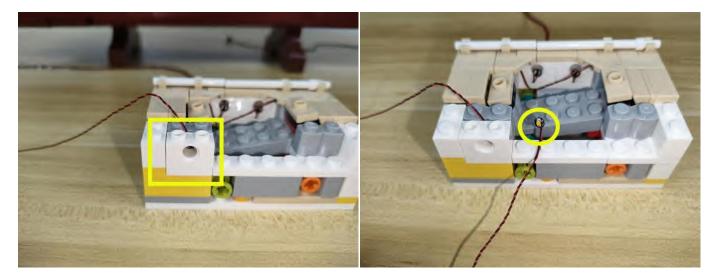




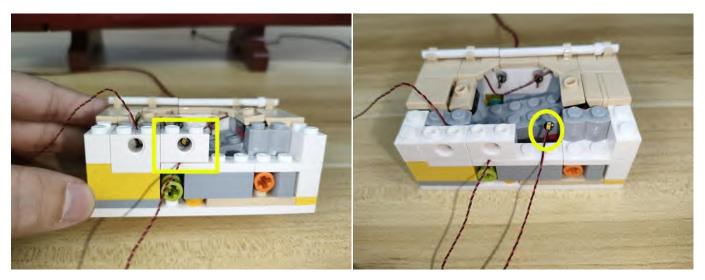


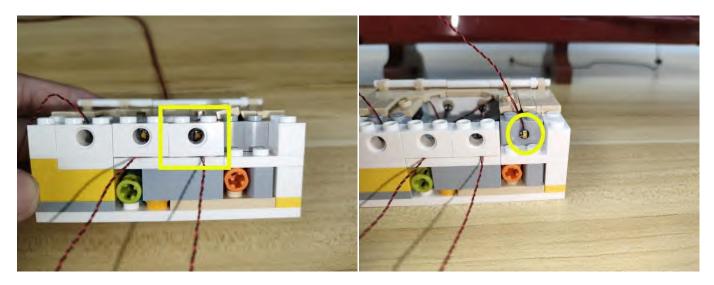


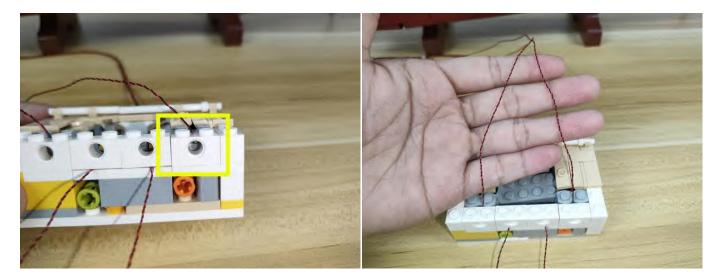


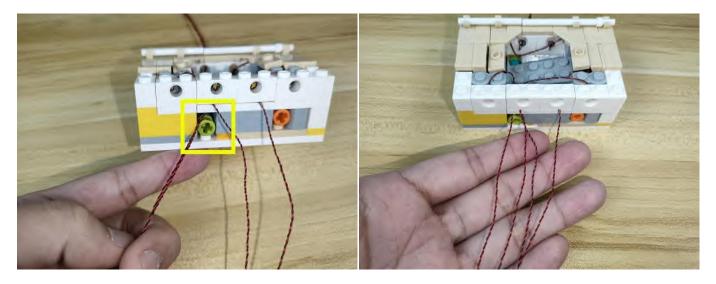






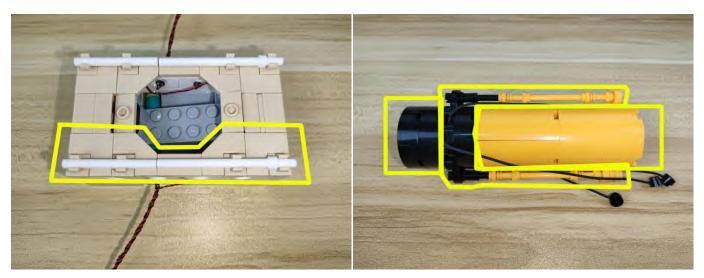












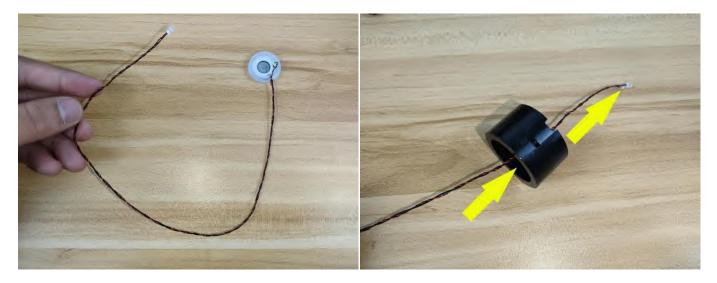


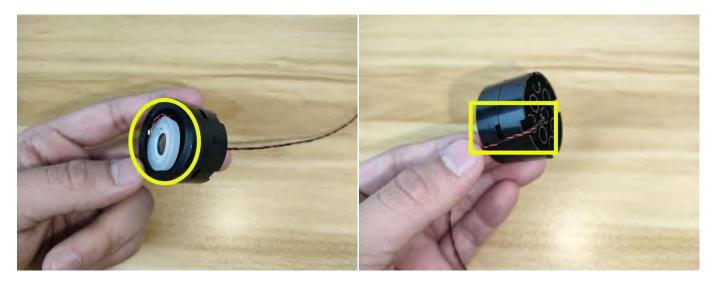


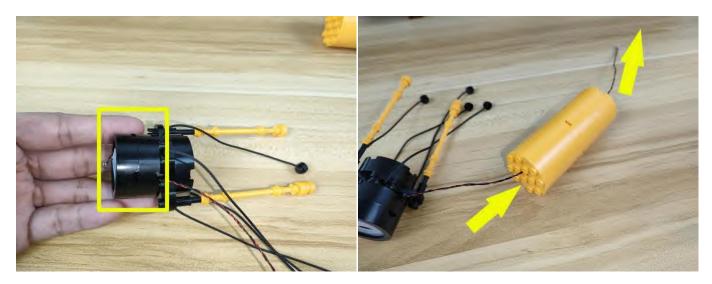


Fix the lamp pellet to the position selected in the figure, with the solder joints of the spray module components facing upwards.

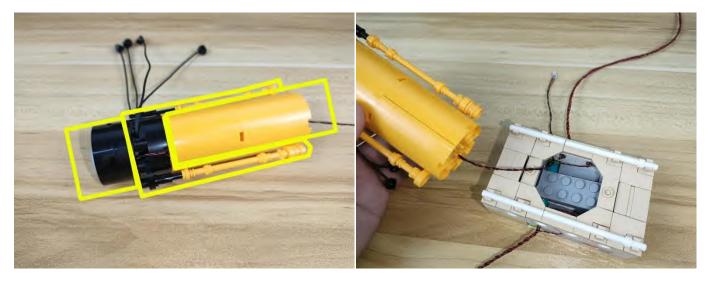


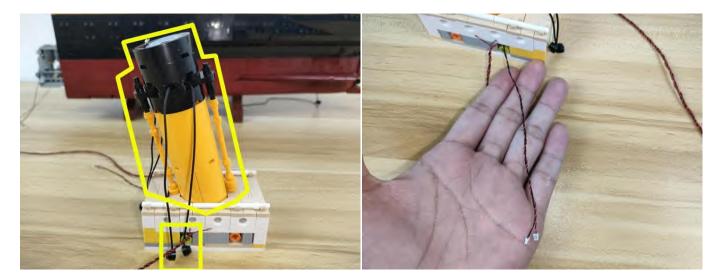


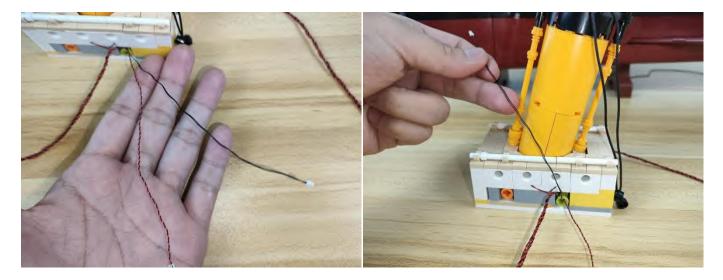






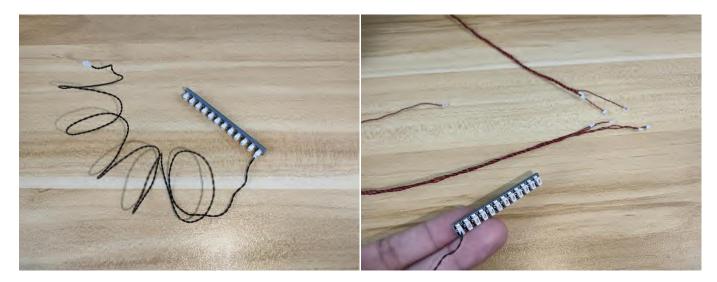


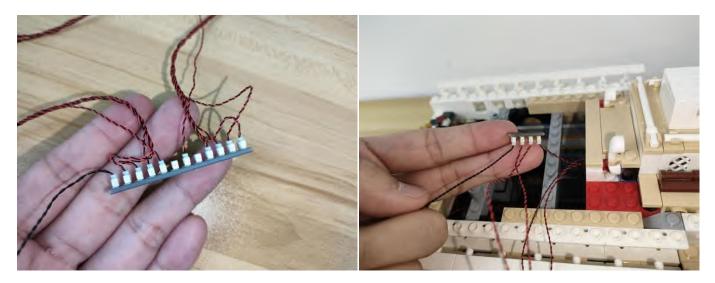




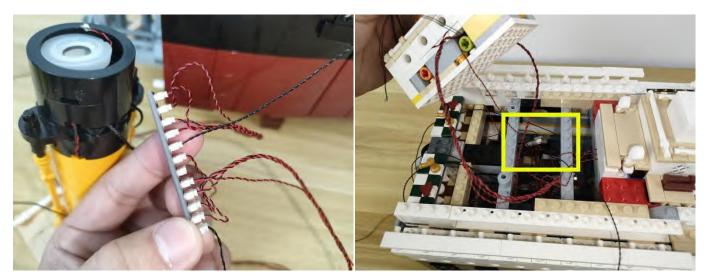




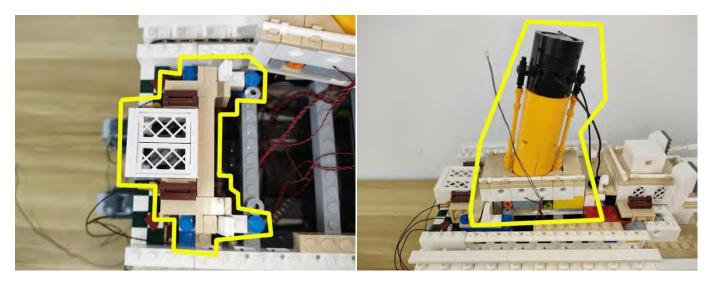


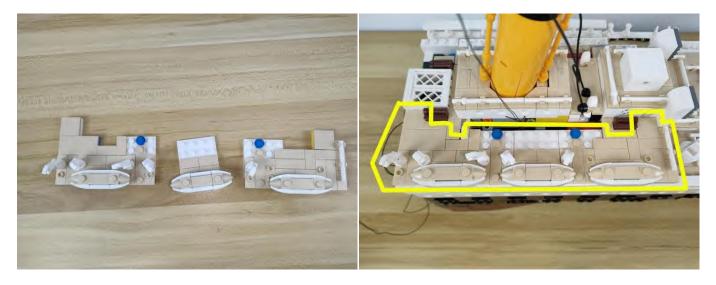


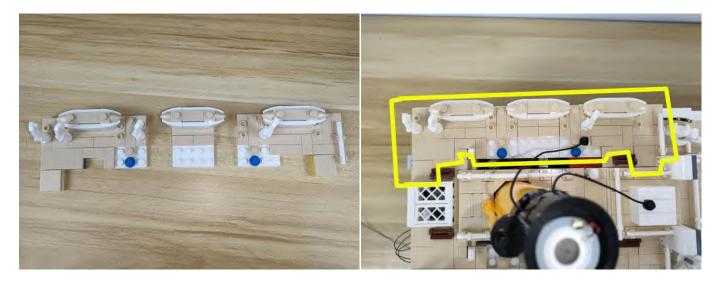


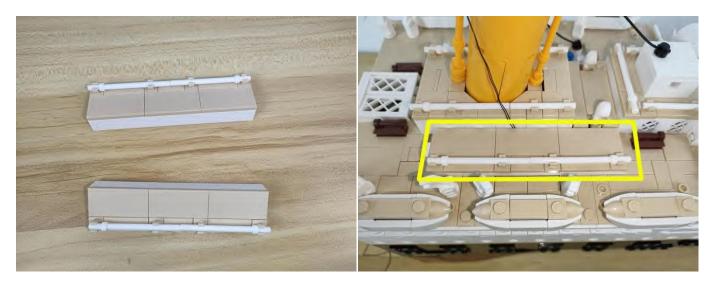






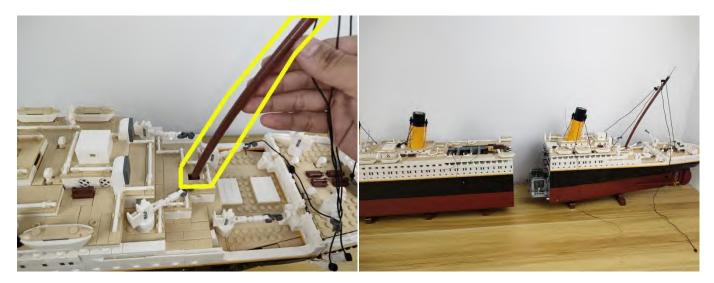


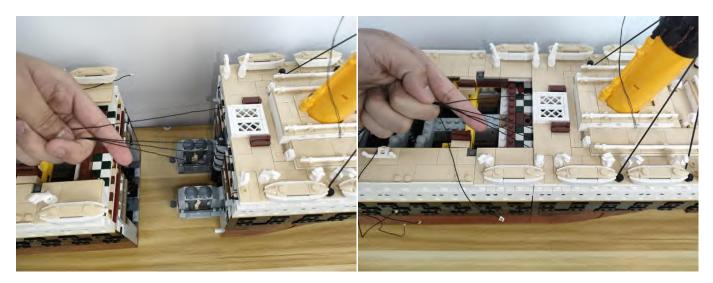


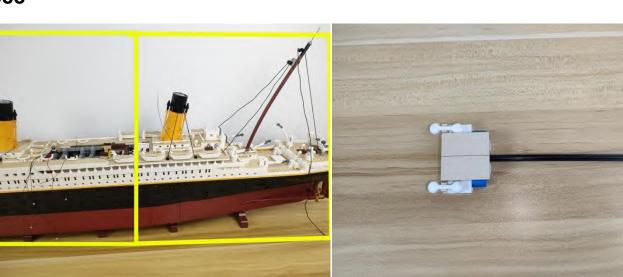












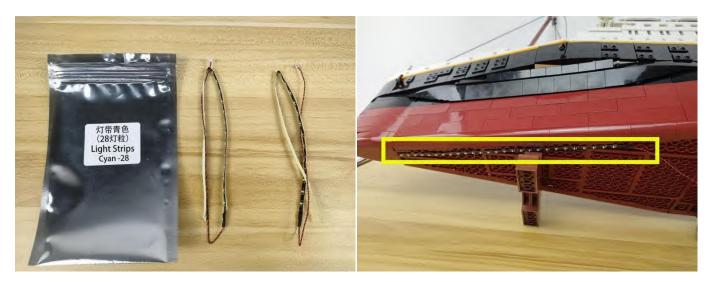


After restoring as shown in the figure, place the packing box in the middle of the hull.



Place the model diagonally against the mounting box.







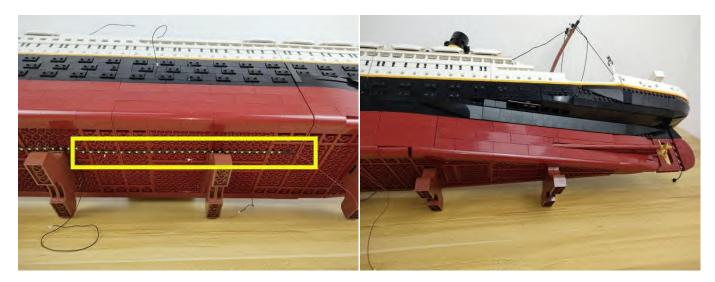


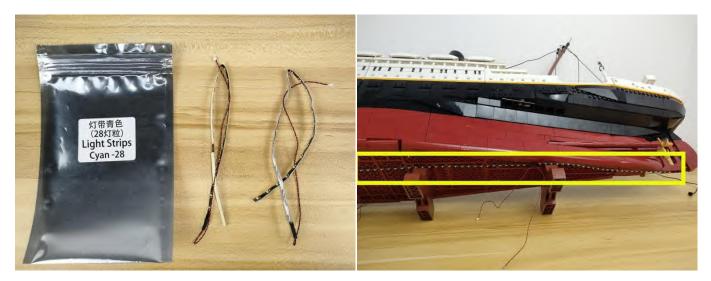






















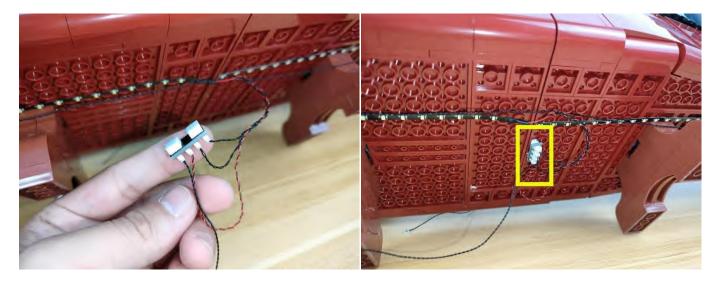












Place the connecting line in the picture in the gap between the blocks and pull the connecting line to the top.



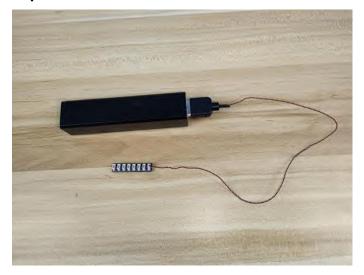




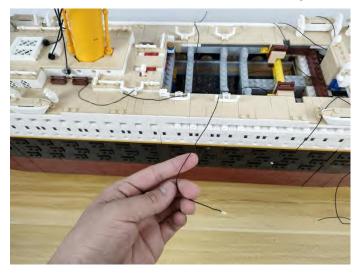
Connect the cable to the expansion board.



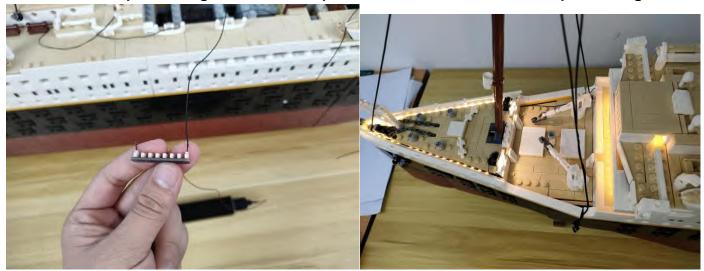
Take out the previously tested mobile power supply and USB power cord and an 8-seater expansion board.



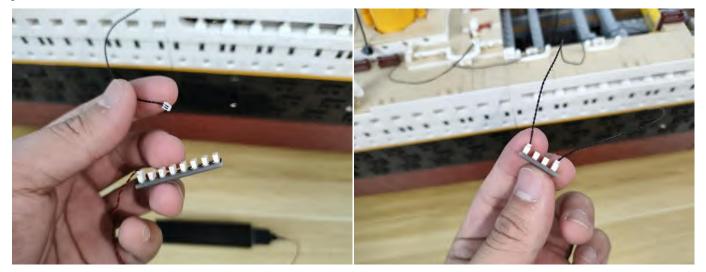
Find out the connection line of the ship's headlights.



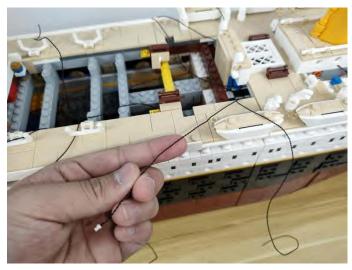
Connect the ship's headlight cable to the power source and see if the ship's headlight is lit.



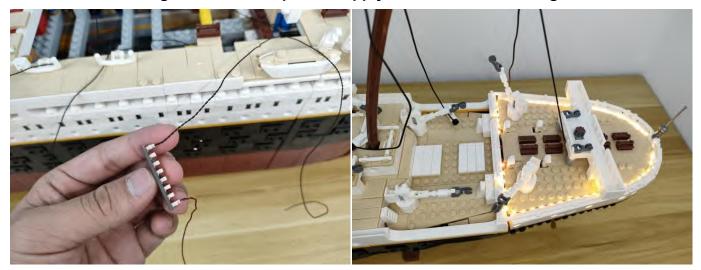
Then take off the ship's headlight cable and connect it to the 4-seater expansion board just taken out.



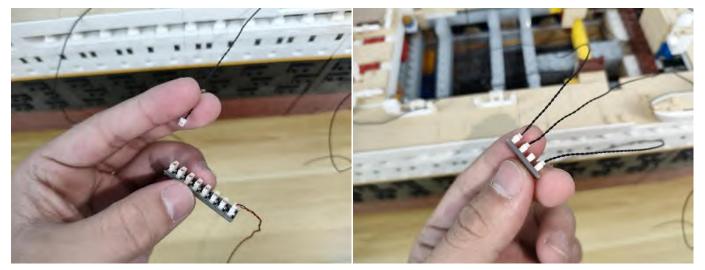
Find the connection line of the stern light.



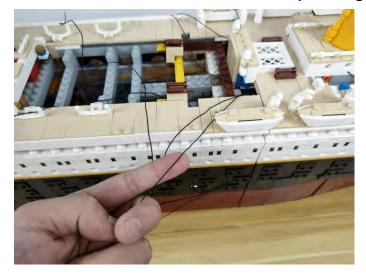
Connect the stern light cable to the power supply and see if the stern light is lit.



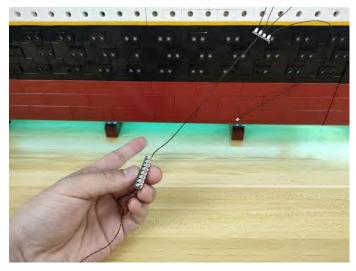
Take off the stern light cable and connect it to the 4-seater expansion board.



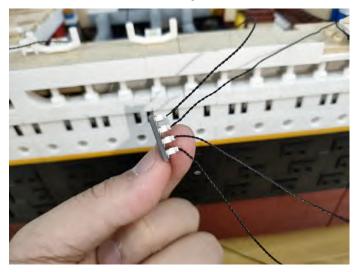
Find the connection line of the atmosphere light at the bottom of the hull.



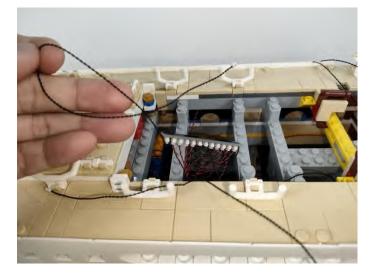
Connect the ambient light at the bottom of the hull to the power source and see if the stern light is lit.



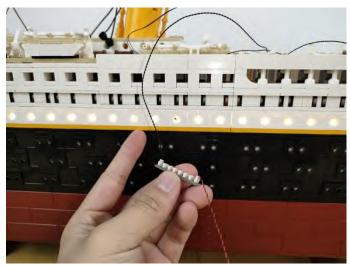
Then remove the connecting wire of the atmosphere light at the bottom of the hull and connect it to the four expansion board.



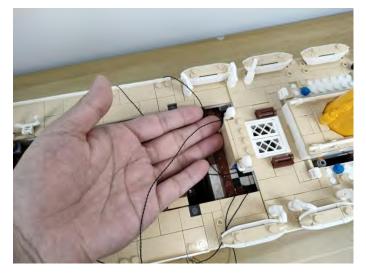
Find the connection line of the lights on the first floor of the hull.



Connect the connecting line of the light on the first floor of the hull to the power source and see if the light on the first floor of the hull is lit.



Find another connection line for the lights on the first floor of the hull.



Connect the connecting line of the light on the first floor of the hull to the power source and see if the light on the first floor of the hull is lit.



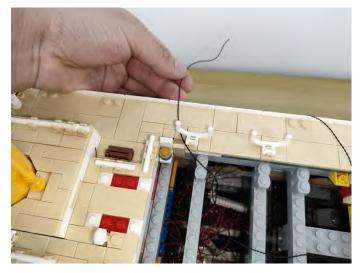
Then thread the found thread into the hull.



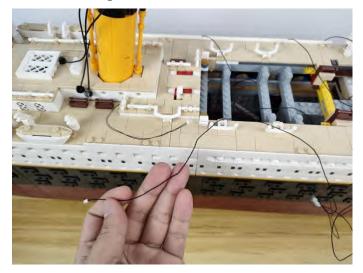
Pull it to the left, and then connect it to the expansion board.



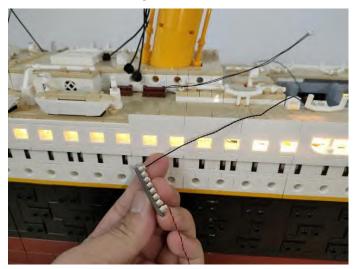
Unplug the 20cm cable on the 12 expansion board from the power supply and place it at the position shown in the figure.



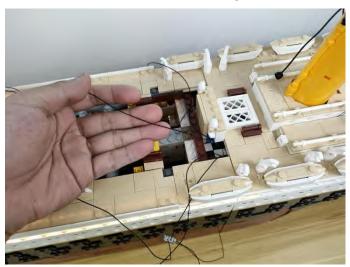
Locate the light connection line on the second floor of the hull.



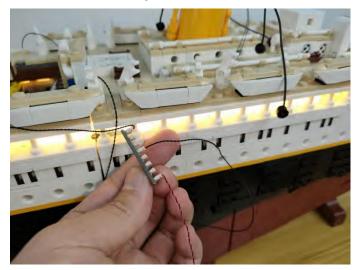
Connect the connecting line of the lamp on the second floor of the hull to the power source and see if the lamp on the second floor of the hull is lit.



Find another second floor lamp connection line.



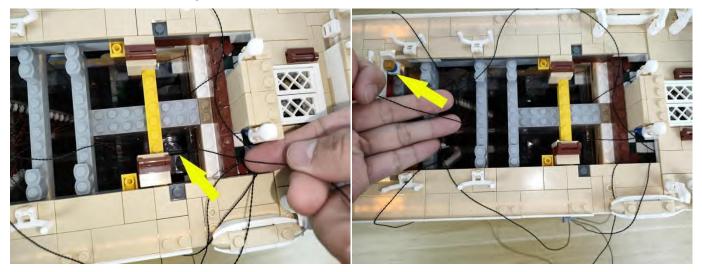
Connect the connecting line of the lamp on the second floor of the hull to the power source and see if the lamp on the second floor of the hull is lit.



Take off the connection line of the lamp on the second floor of the hull from the power supply.



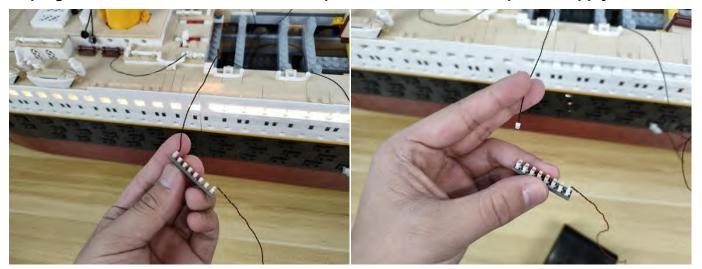
Pass the connecting line of the lamp on the second floor of the hull through the building block at the bottom and pull it to the left.



Connect the cable just pulled over to the 8-seat expansion board in the picture.

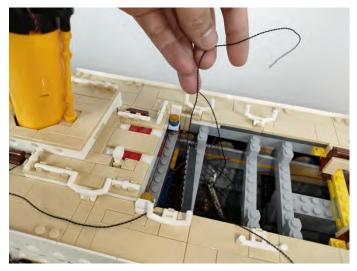


Unplug the 20cm cable on the 8-seater expansion board from the power supply.

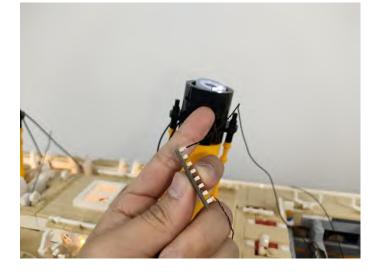


Then place it in the position in the picture.

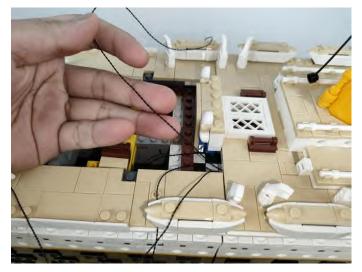
Find out the connecting wire of the deck light.



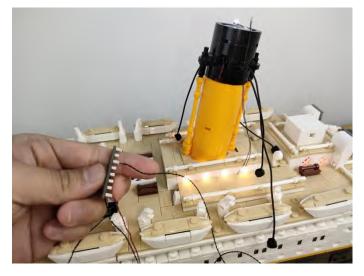
Connect the deck light cable to the power source and see if the lights on the deck are lit.



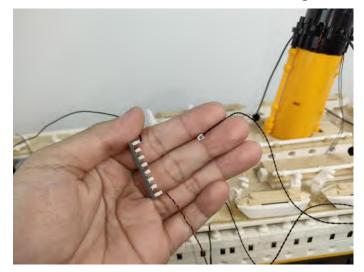
Find the connection line of another deck light.



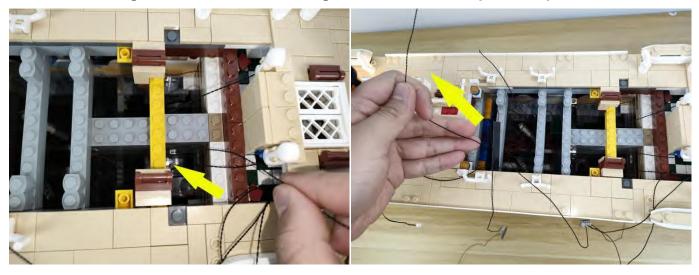
Connect the power supply to see if it is lit.



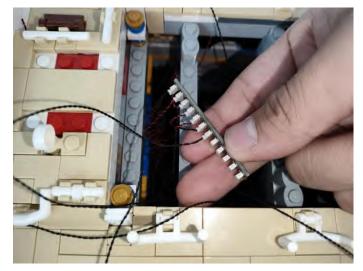
After confirmation, remove the deck light cable from the power supply.



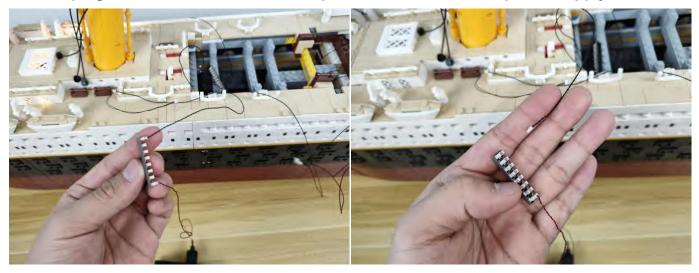
Pass the deck light connection line through the bottom block part and pull it to the left.



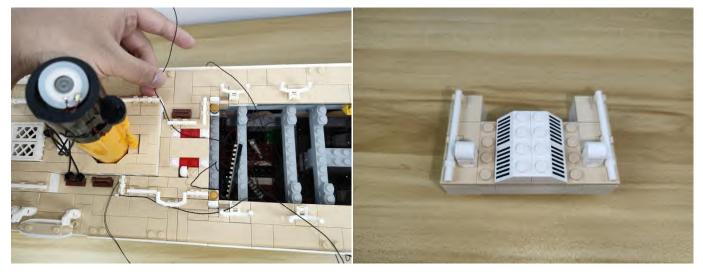
Connect the connecting wires that pass through to the 12 expansion boards in the picture.



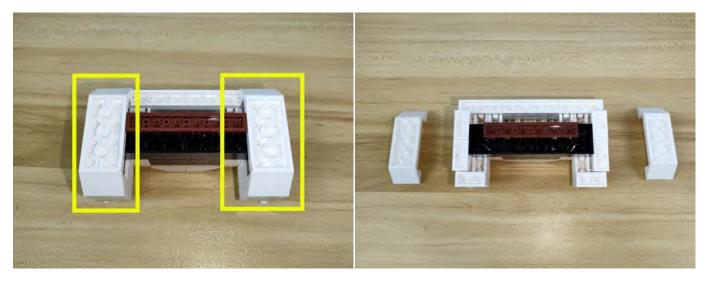
Then unplug the 20cm cable on the 12 expansion board from the power supply.

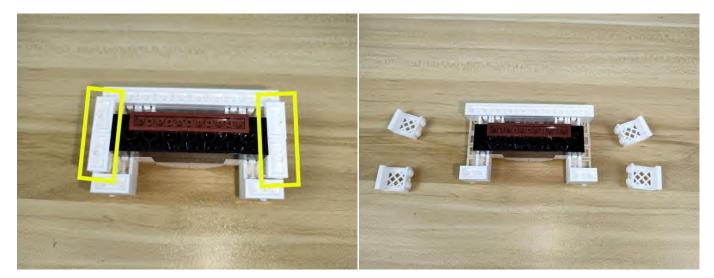


Place it in the position in the figure.



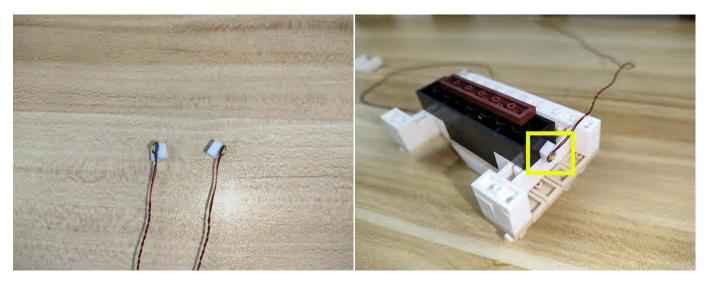


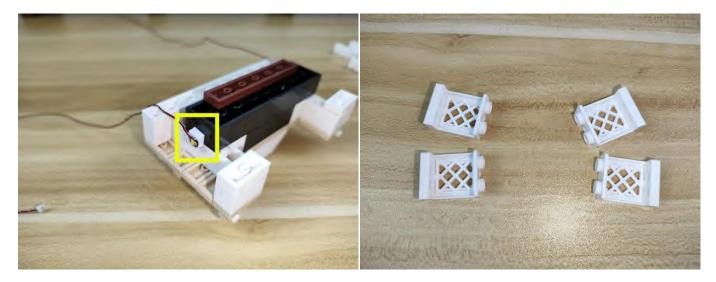


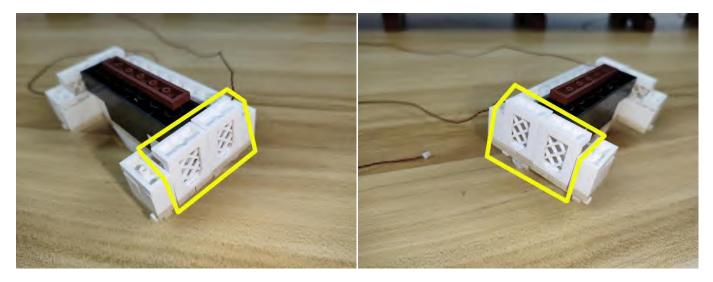


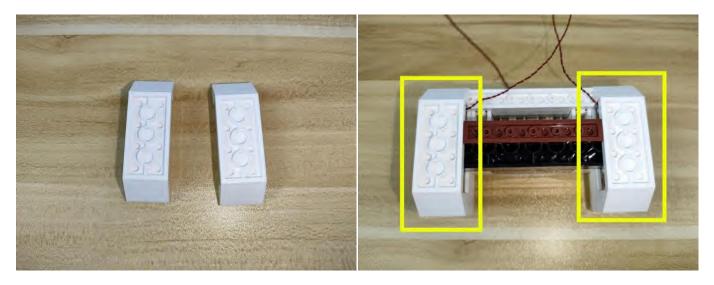


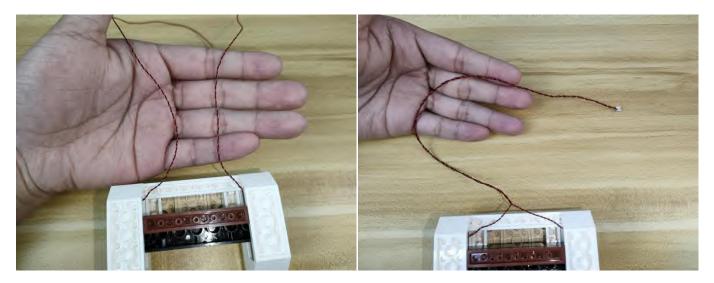






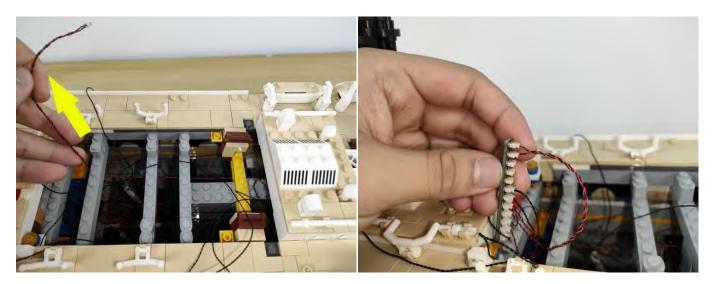


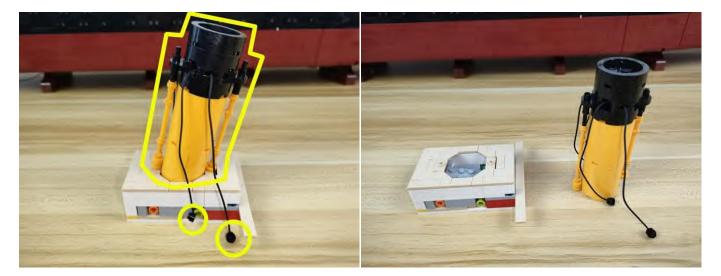














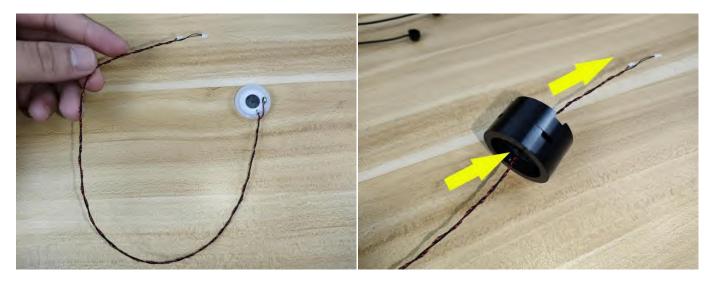




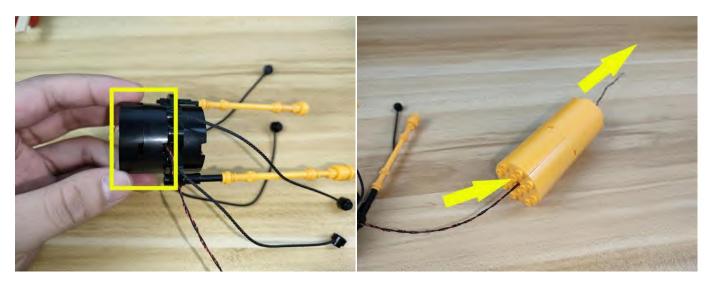
Fix the lamp pellet at the position selected by the frame in the figure, with the solder joints of the spray module components facing upwards.

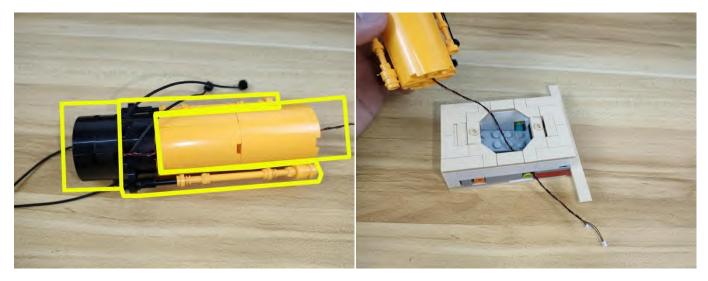


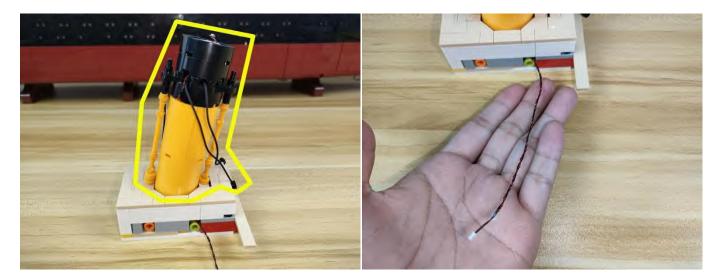


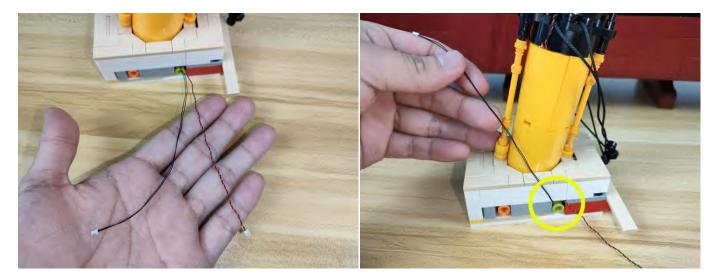




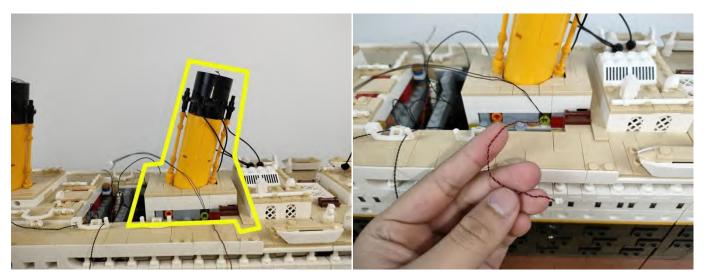




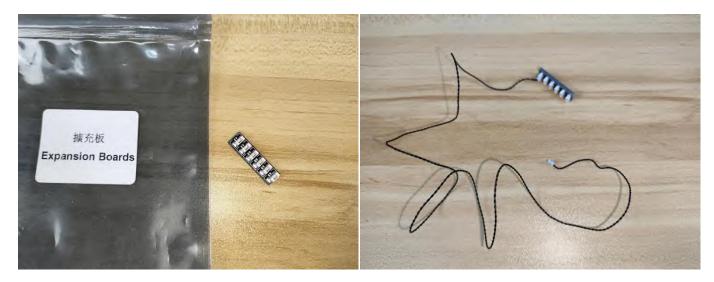




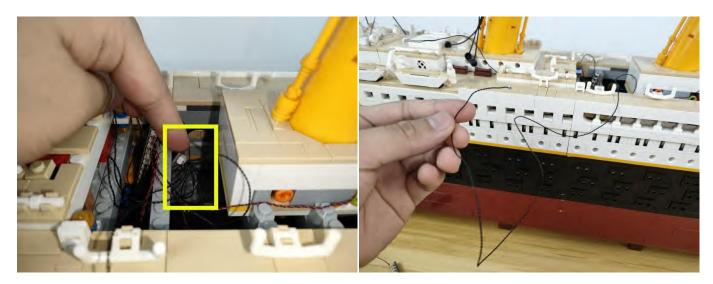


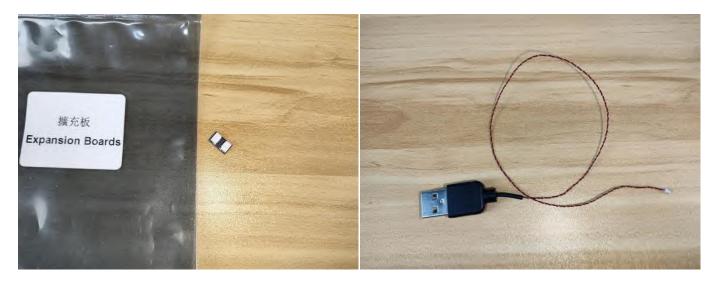




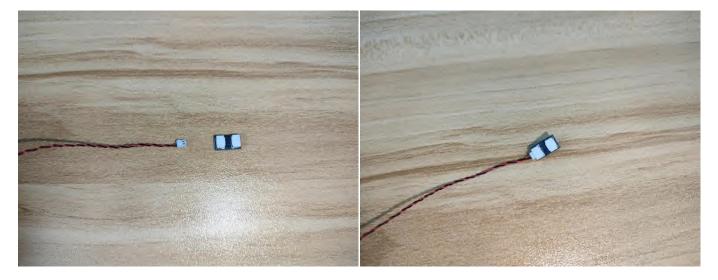


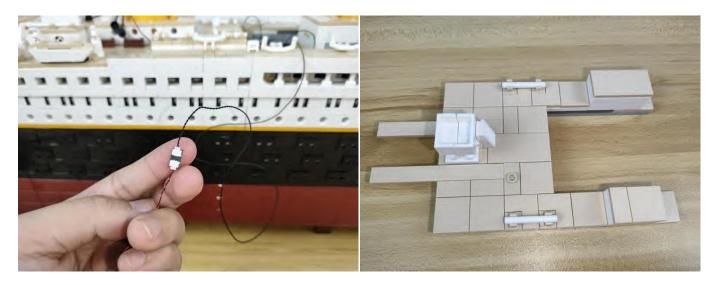


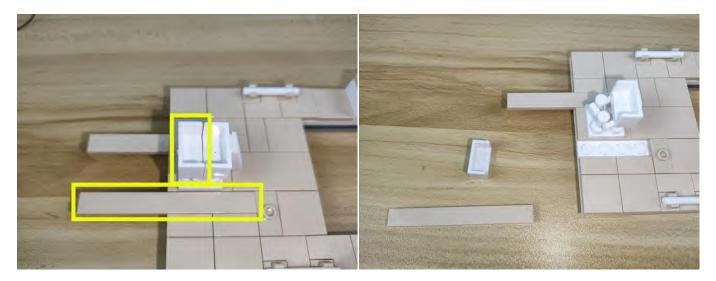






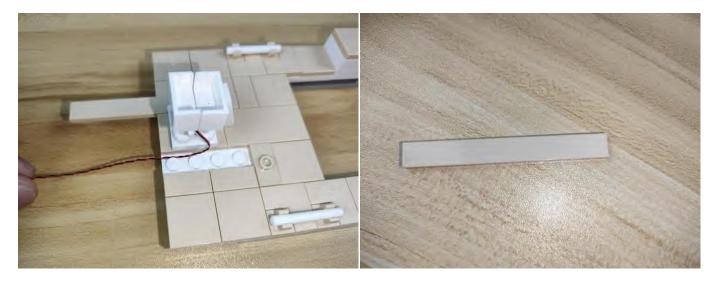




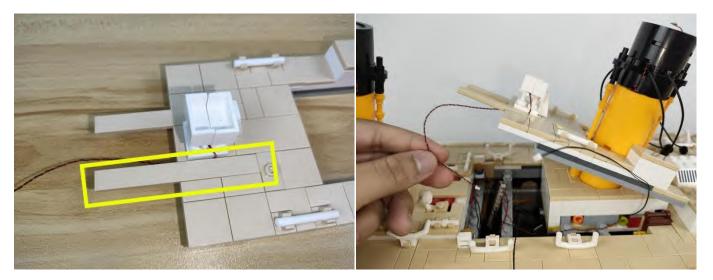


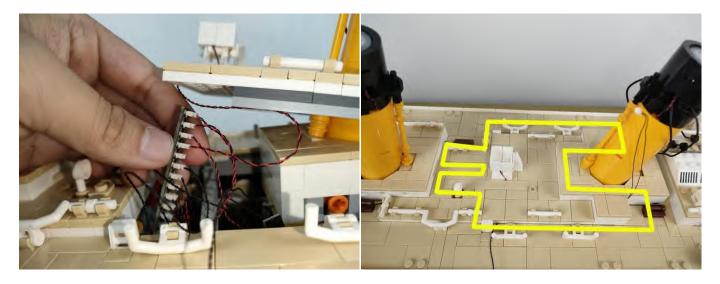










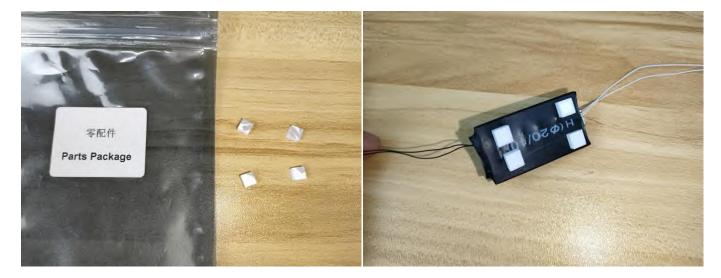




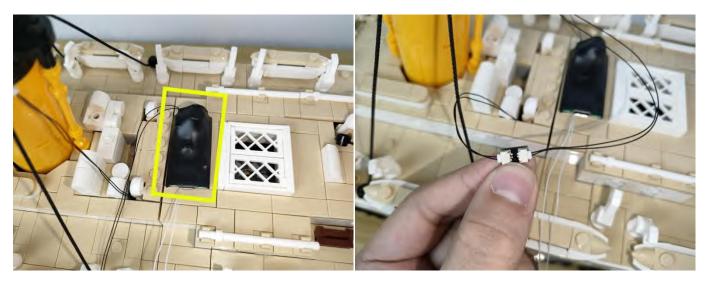
The position selected by the frame in the figure is the switch of the spray module (after the module is powered on, press the switch to use).







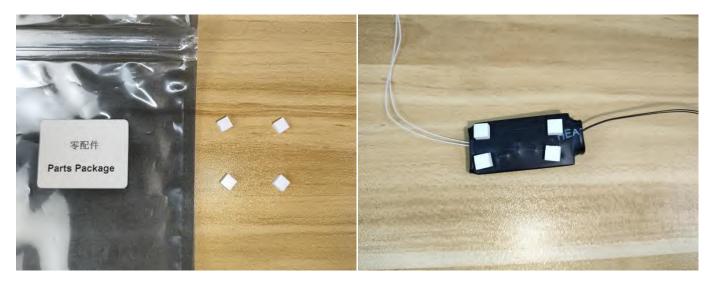


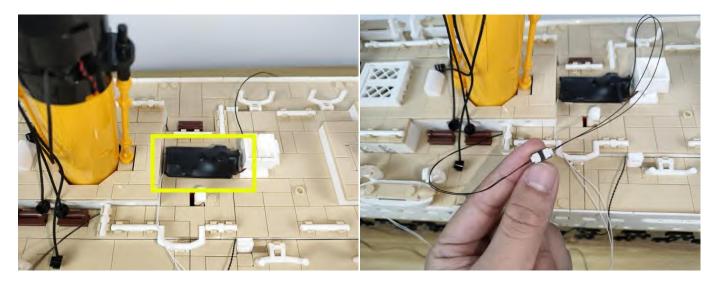










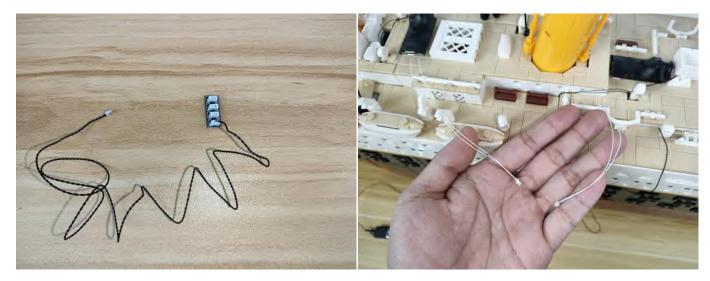














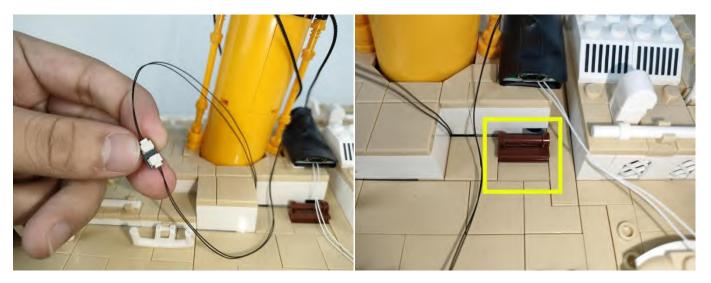


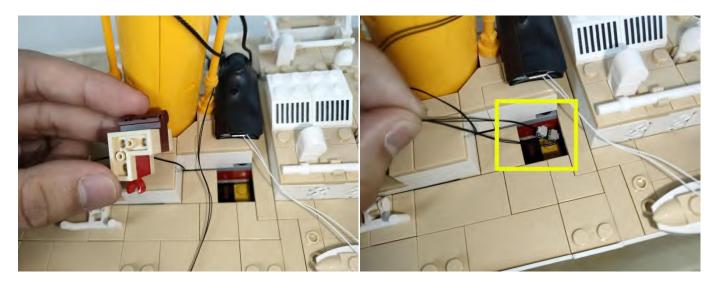












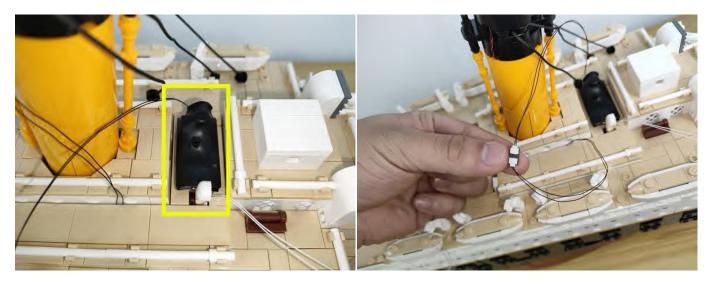


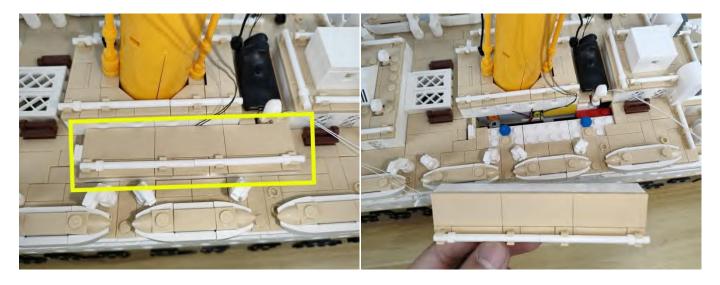






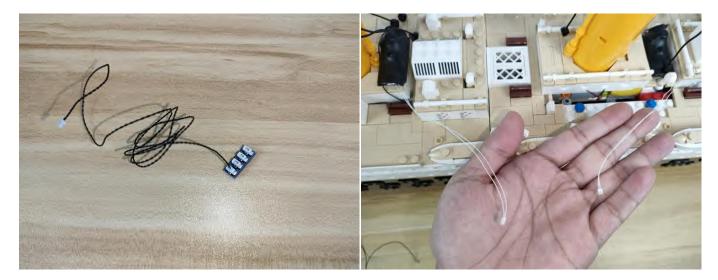


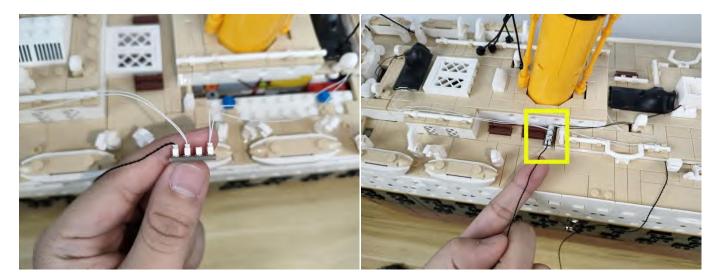




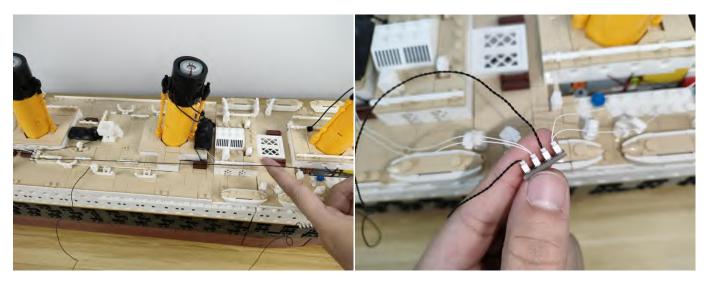


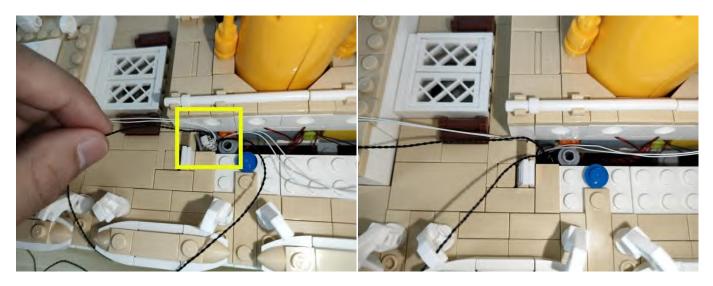




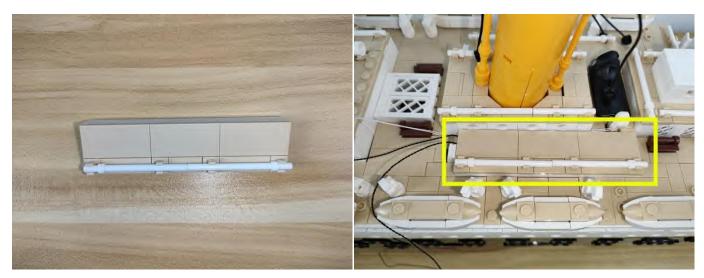










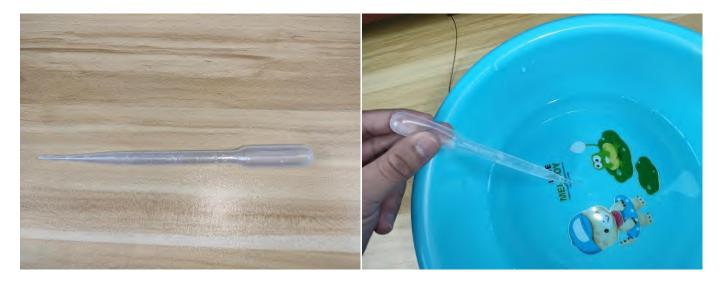








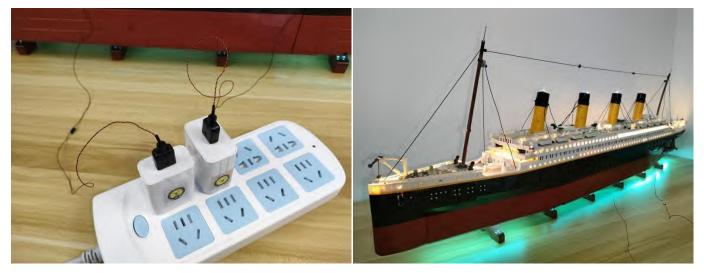




Press the dropper, and use the dropper to pour water into the cotton ball (the other three places are also operated in the same way).



Because there are many lights, it is recommended to use plug-in power supply directly.



Good job, you've done all the installation steps, power it up and enjoy your work.



If everything is as excellent as expected, we'll be appreciate if a good review can be given.

THANKS