Avengers Ultimate Quinjet #76126 Remote Controller Version Lighting Kit

Package contents：

- 8 x 15cm Warm White Dot Lights
- 1 x 30cm Warm White Dot Light
- 1 x 15cm Warm White Light
- 3 x 5cm Connecting Cables
- 2 x 6-port Expansion Boards
- 1 x Multi Effects Board
- 1 x Flat Battery Pack
- 1 x Remote Control and the Switch Board
- Extra LEGO 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.
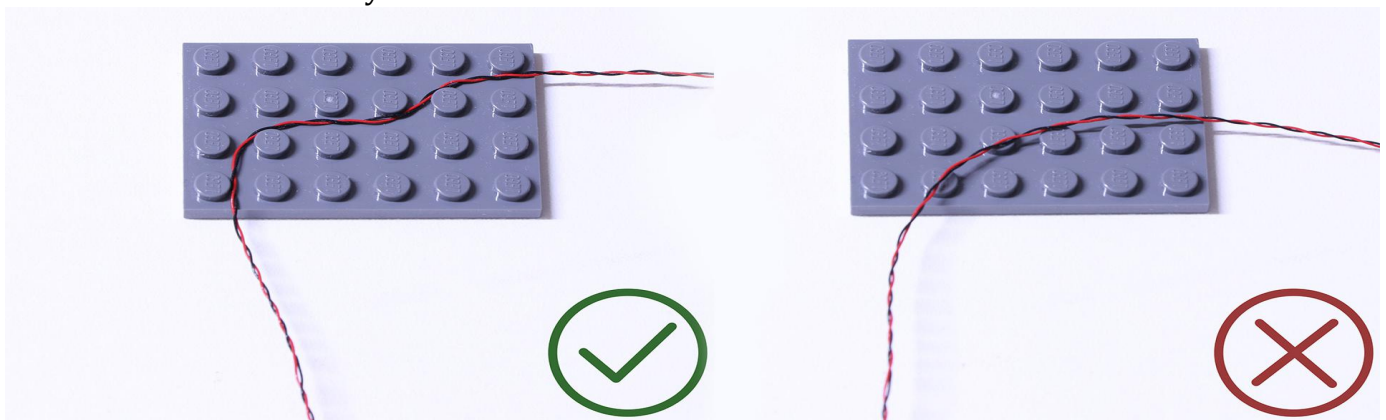

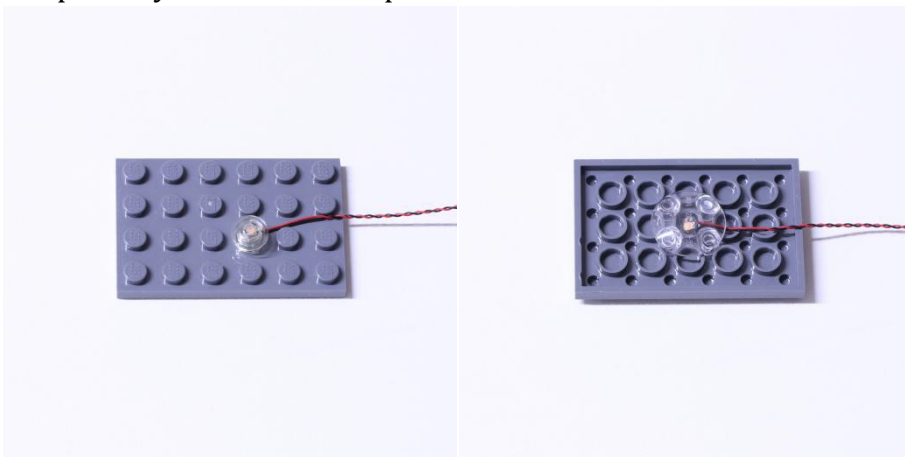Insert the connectors to the ports.
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and 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.
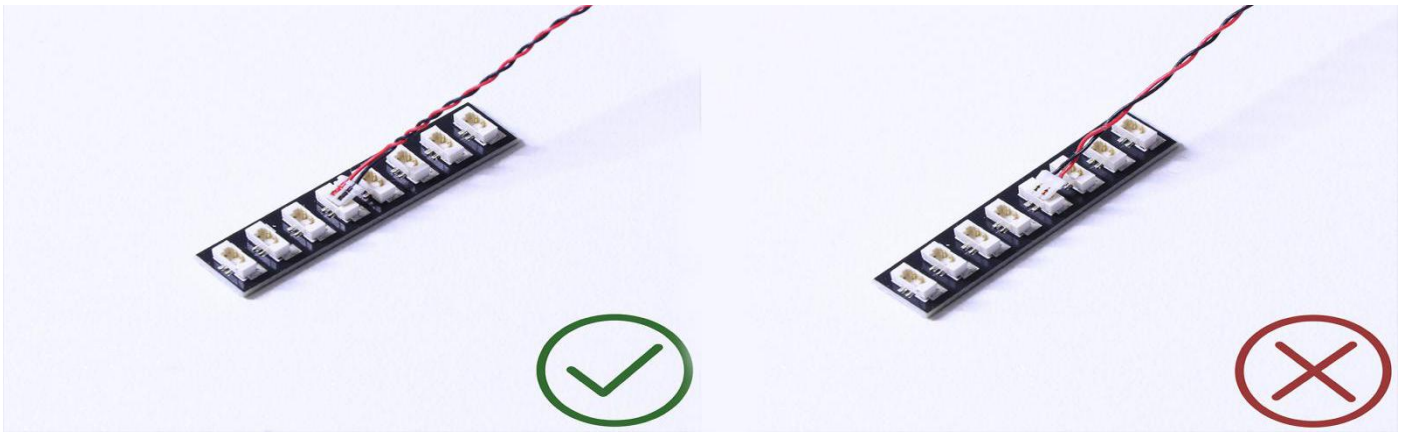
At this point, use the tweezers to straighten the bent pins.
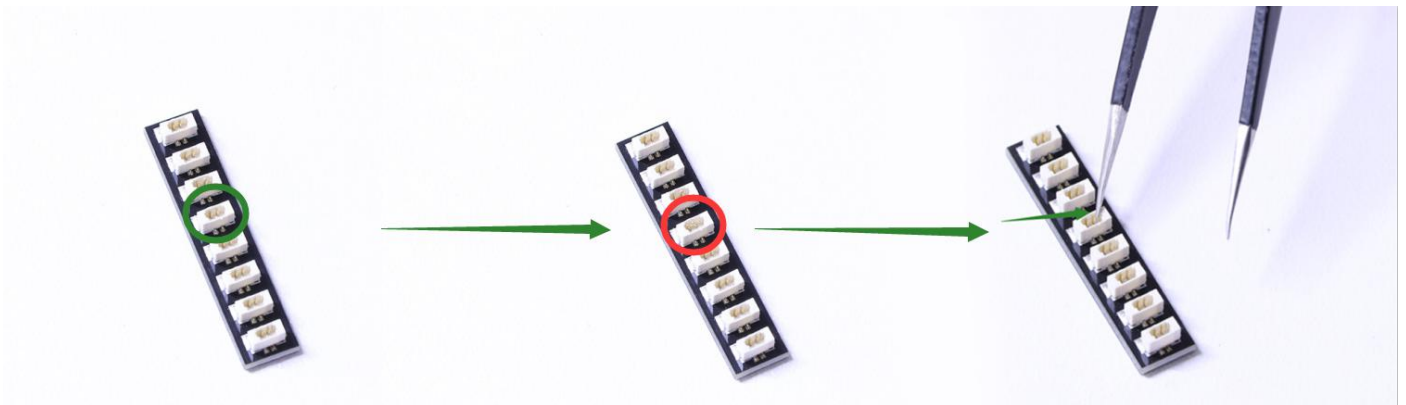
When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put they either on the top of the studs or between studs.


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.
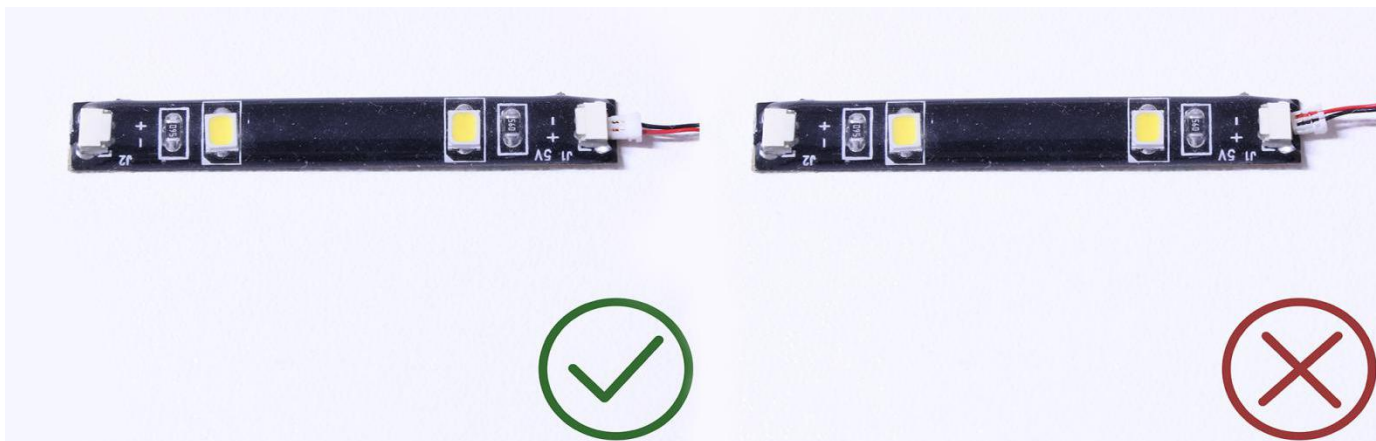
Finally, please pay attention to the positive and negative terminals of the battery when installing the battery case.
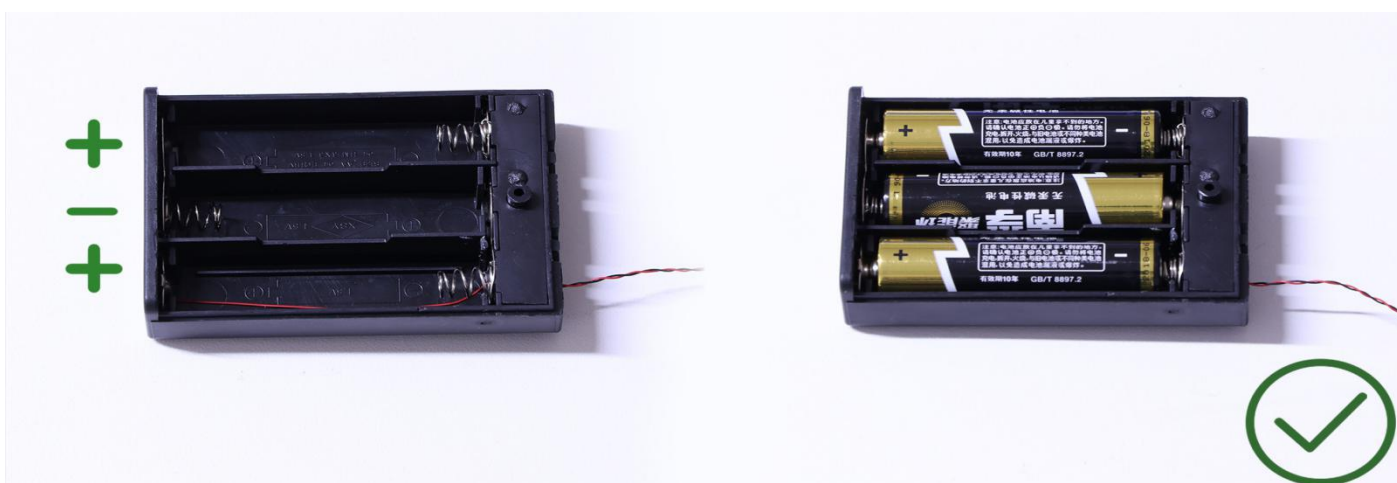
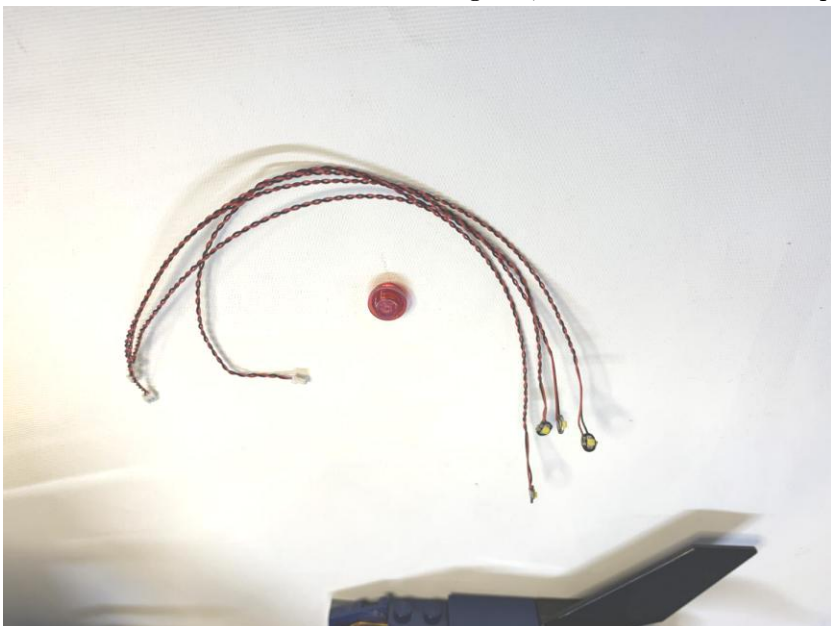OK, Let's Begin!

Instructions for installing this kit

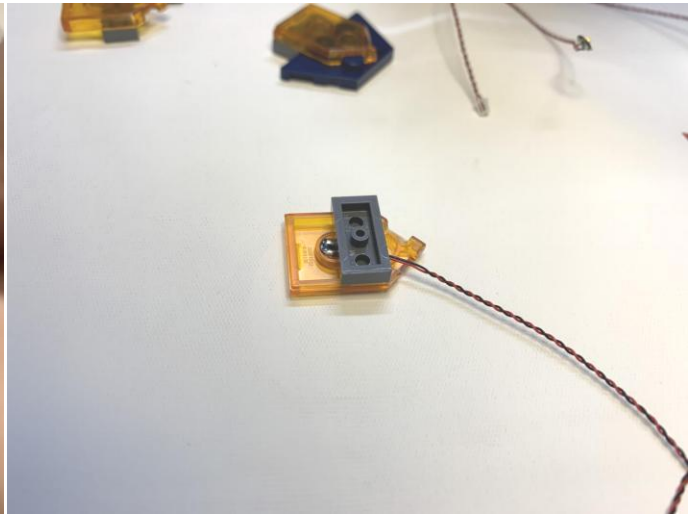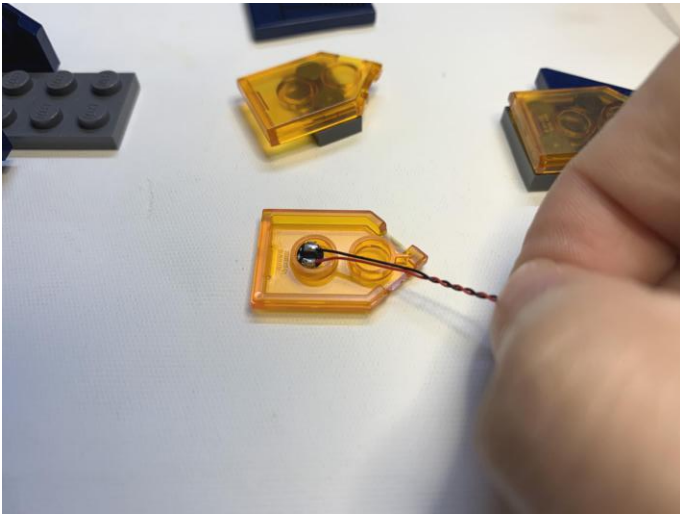Start from installing lights for the fighter plane

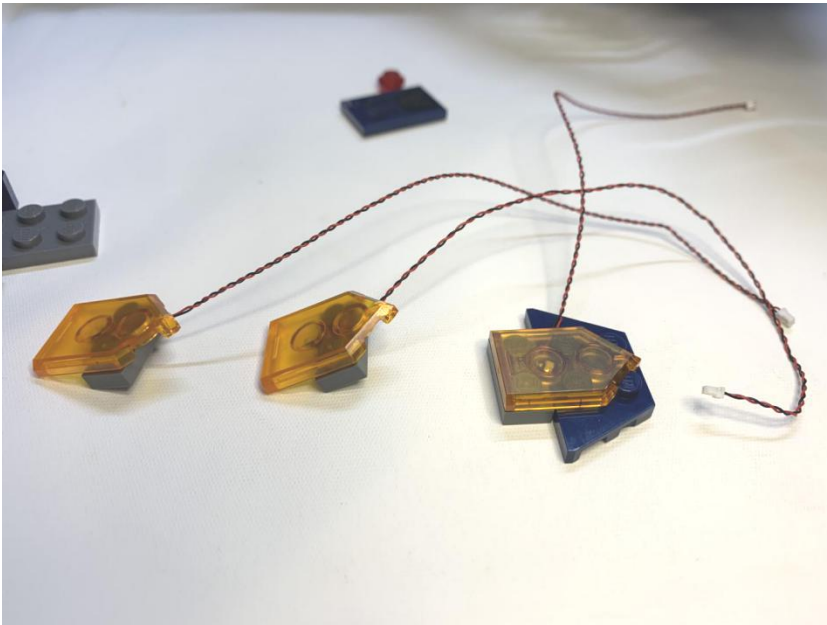Remove the propeller and disassemble it as per below
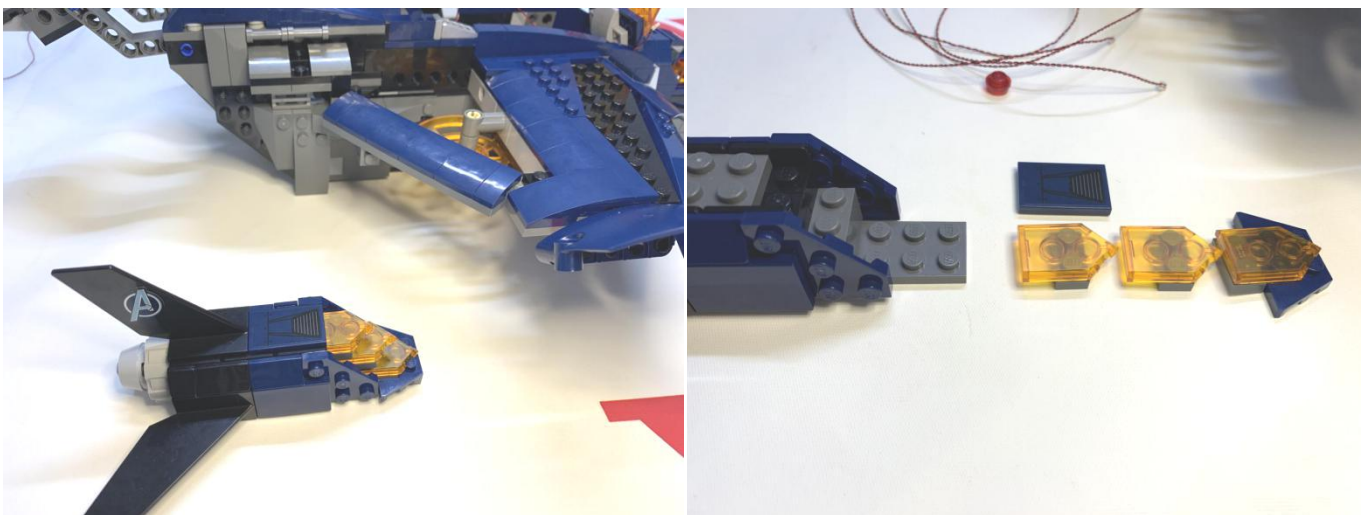
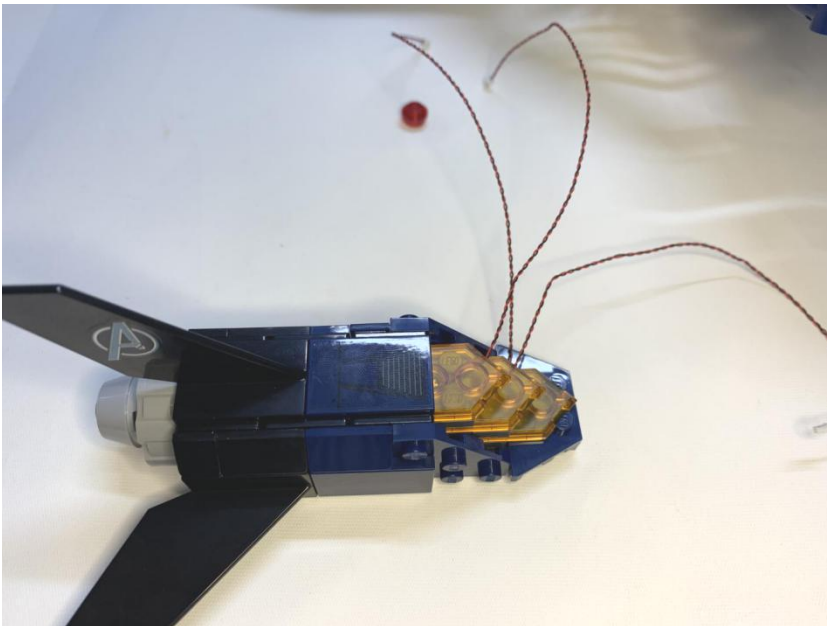Take 4 warm white 15cm dot lights, a red 1x1 round plate

With lighting part facing down, secure the light with the gray plate as per below
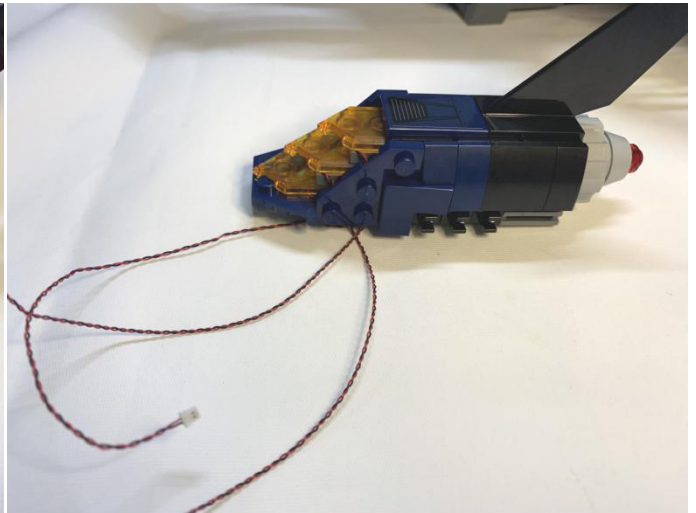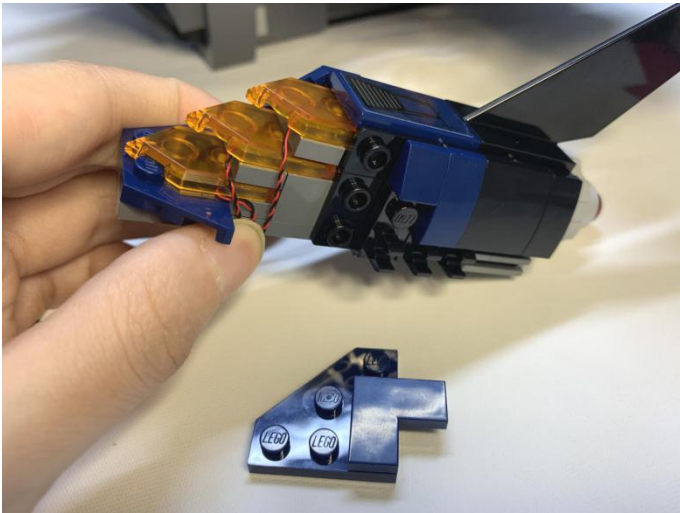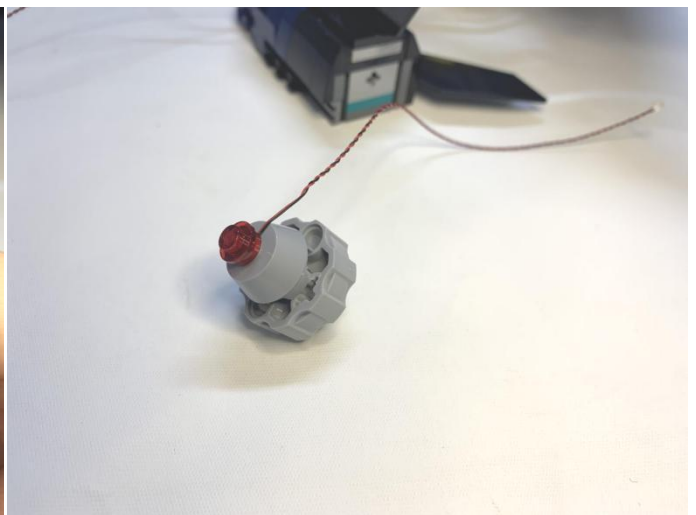
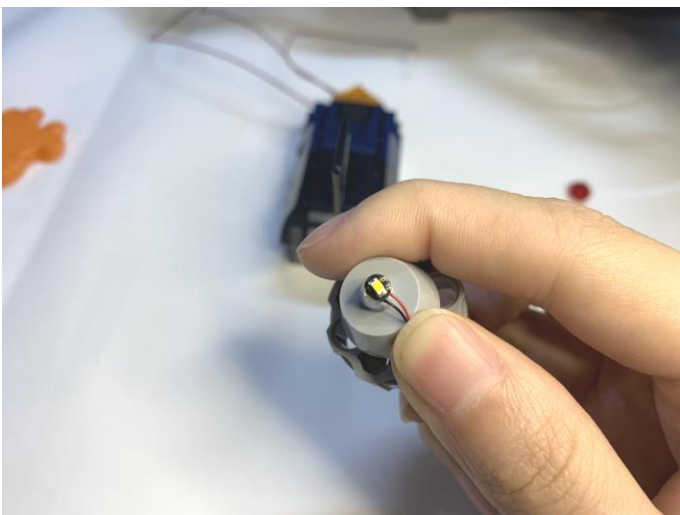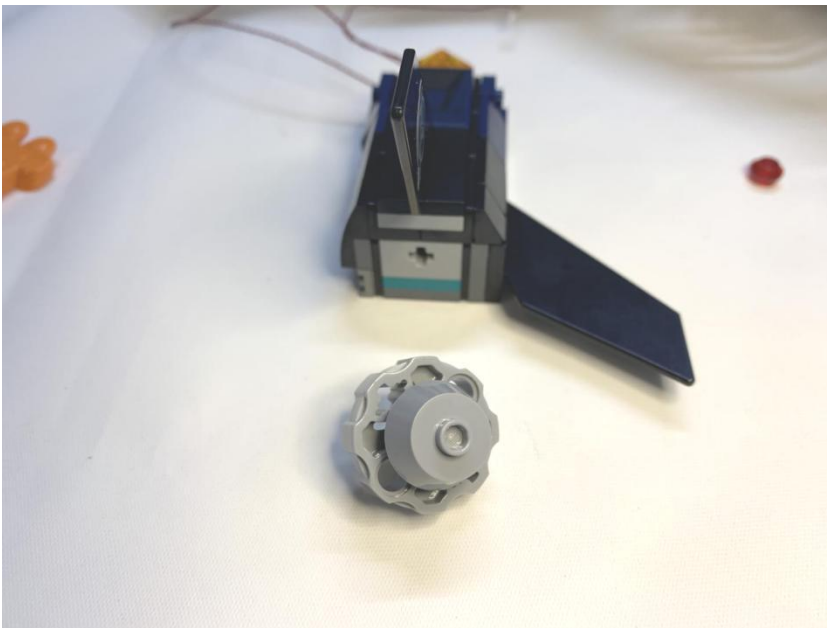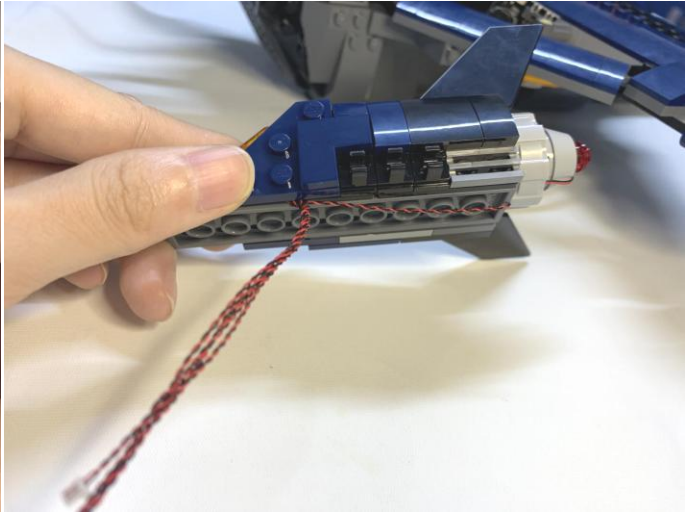Similarly, install the other 2 lights
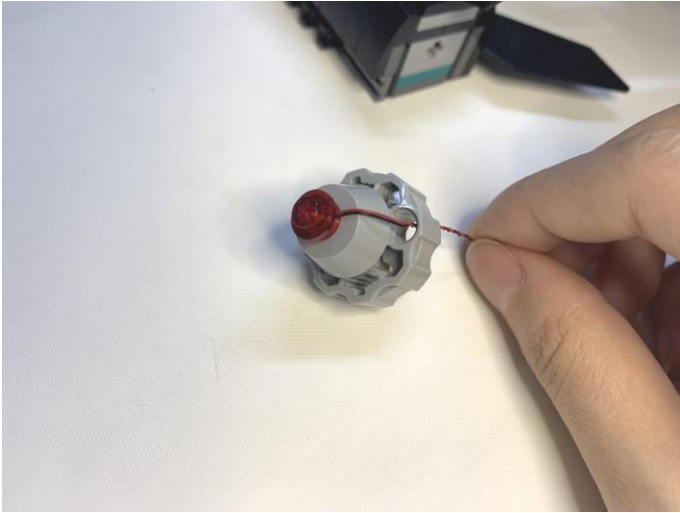

Reconnect the propeller

Remove the following blue plate, place the cable underneath in between studs
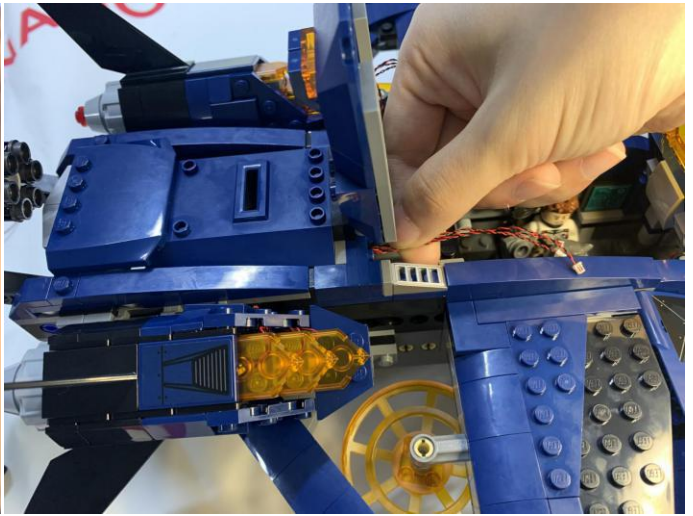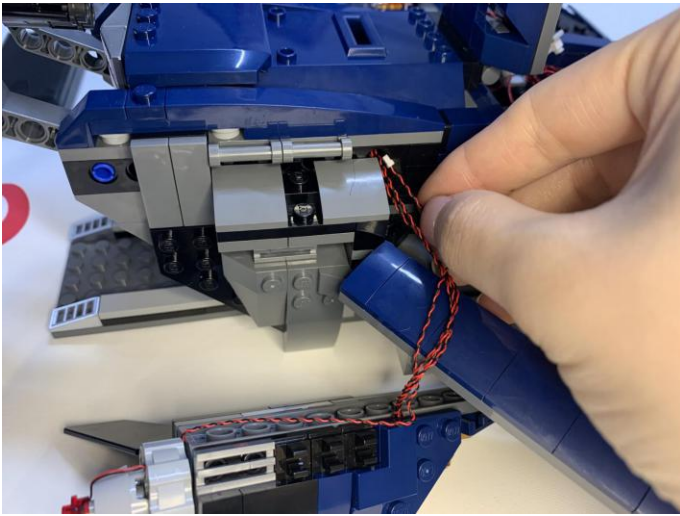
Disconnect the part from the back of the propeller, secure the light to the back with the red round plate
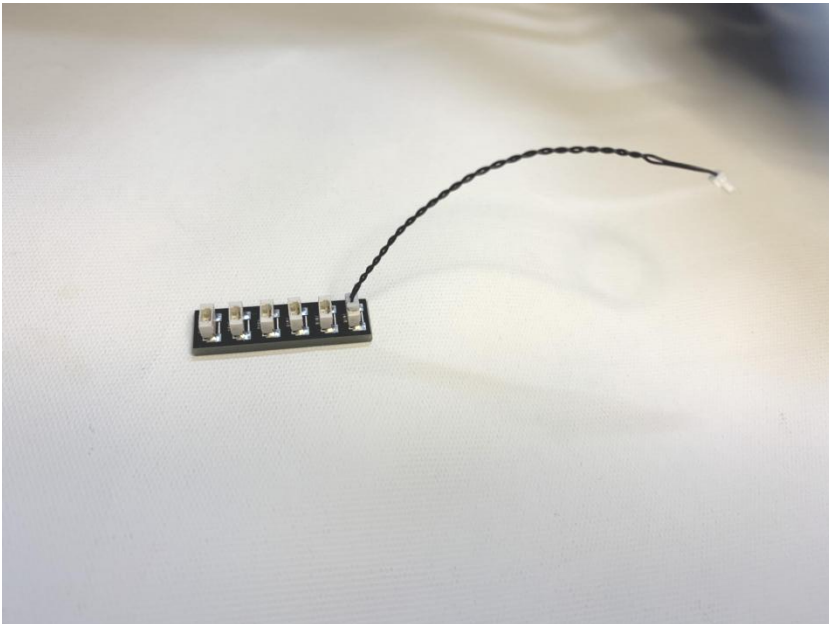

Thread the connector of the light through the hole on the part, reconnect the part

Thread the cables of the 4 lights through the following gap, pull them out from the cabin. Thread the connectors carefully.
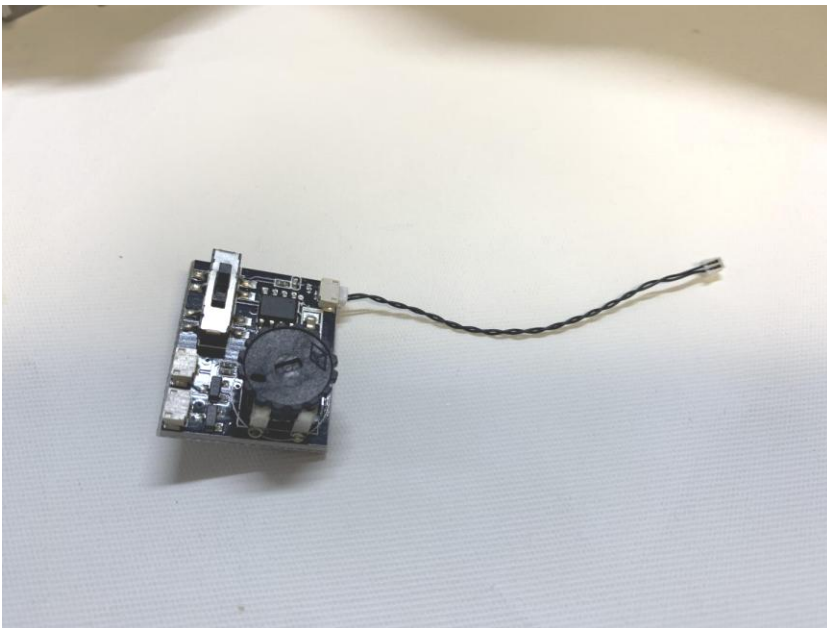

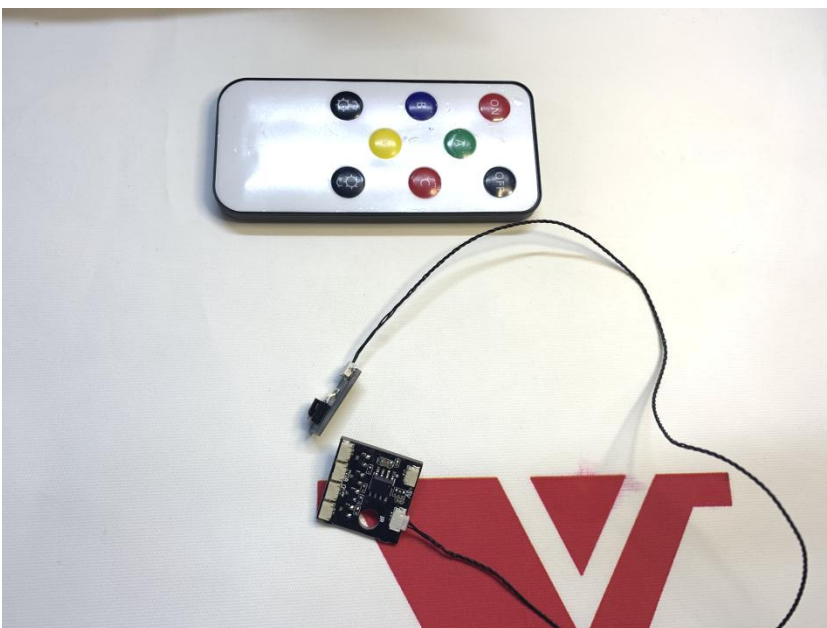Take a 6-port expansion board, connect a 5cm connecting cable to it

Connect the cables inside the cabin to the 6-port expansion board, place the expansion board inside the cabin by using the adhesive squares
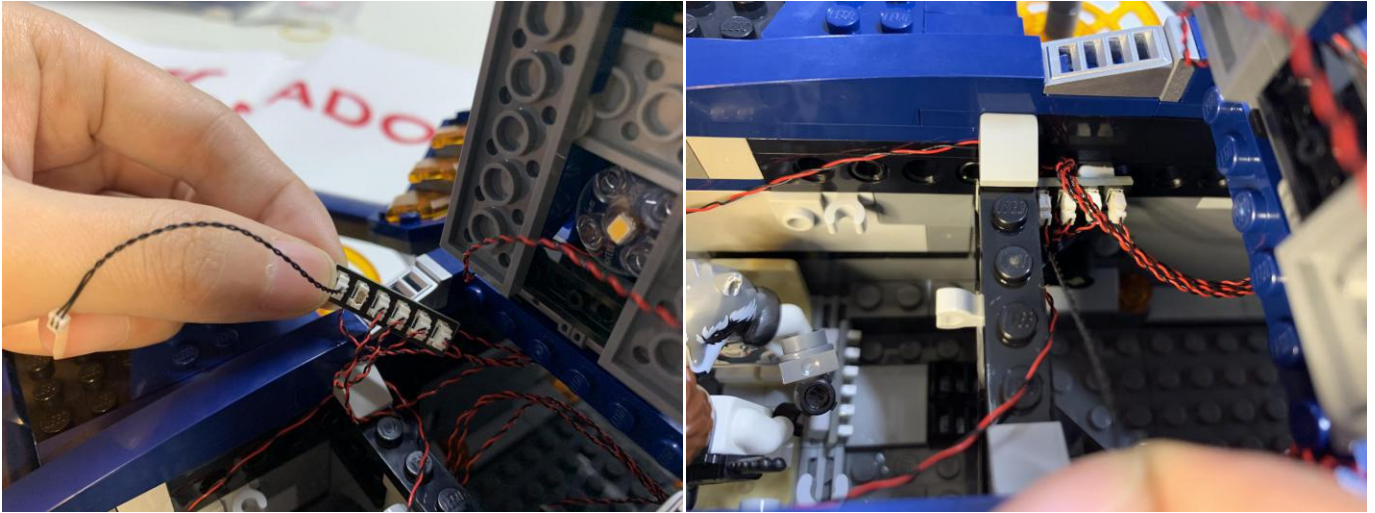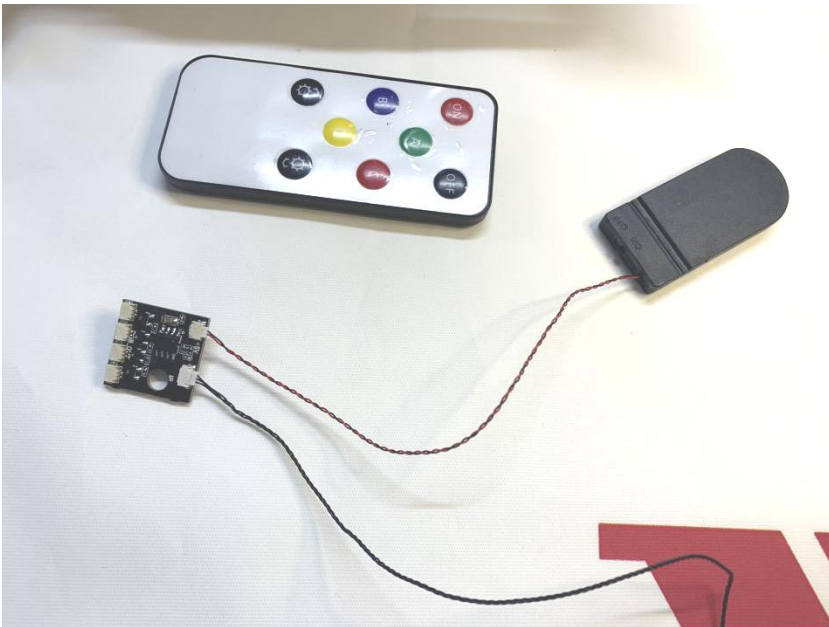
Take the Multi Effects Board, connect a 5cm connecting cable to the input port, connect the other port of the 5cm connecting cable to the expansion board.
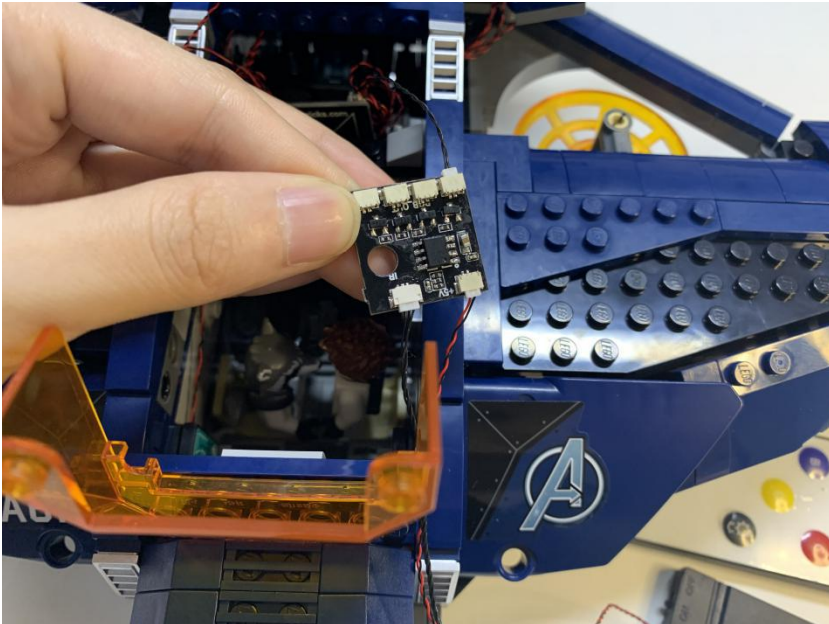

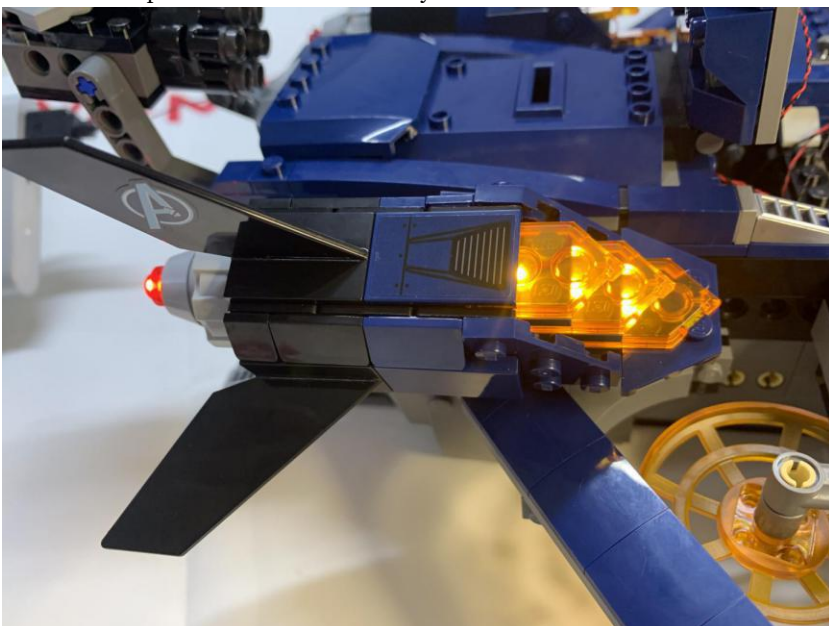Take the remote control and the switch board

Take the battery pack, inserted with batteries, connect its cable to the other input port on the Multi Effects Board as per below
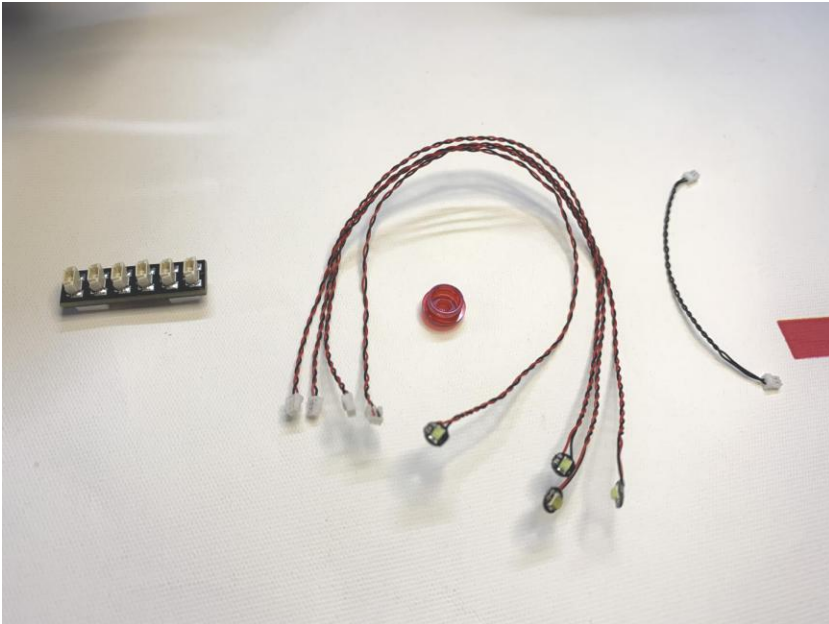
Connect the cables from the Multi Effects Board to the output port on the switch board
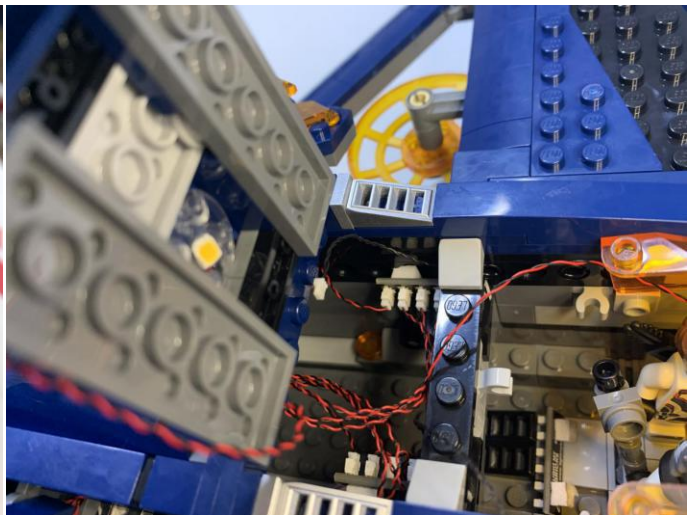

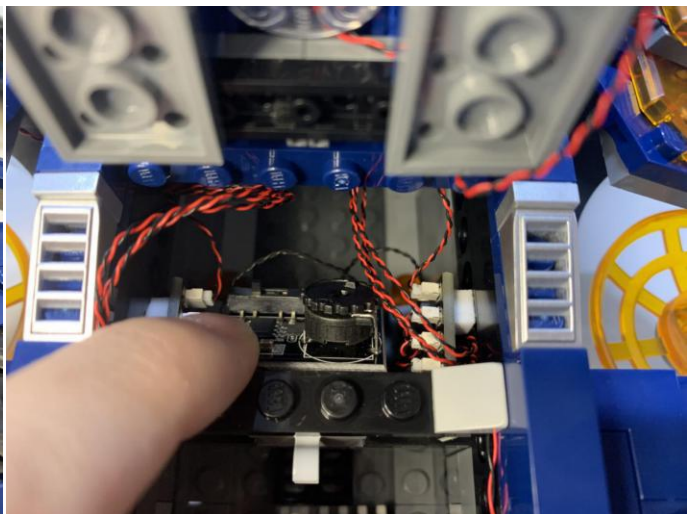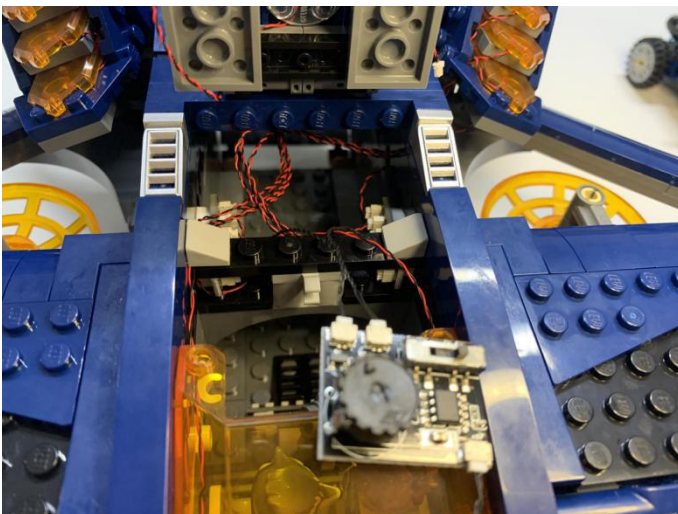Turn the power on to verify the current

Take 4 warm white 15cm dot lights, a 6-port expansion board, a 5cm connecting cable, a red round plate
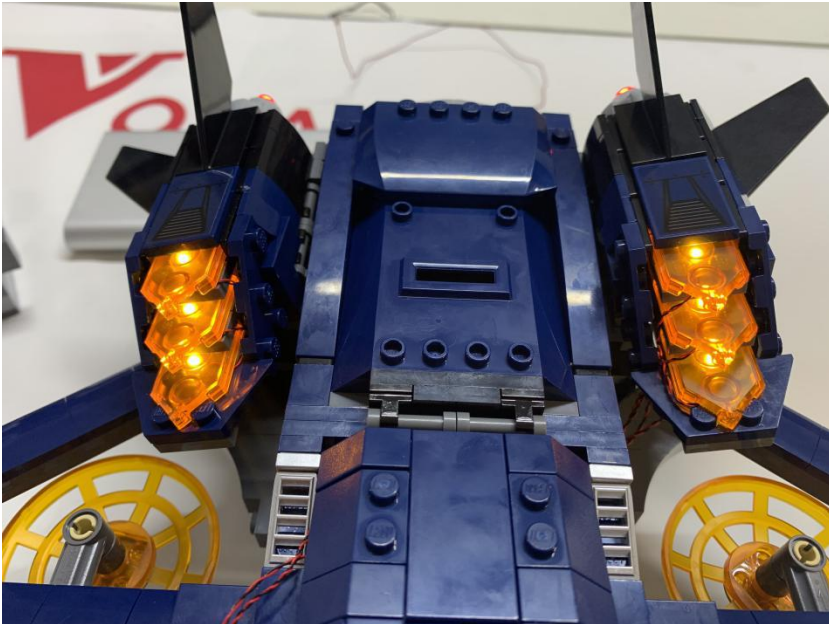
Repeat the previous steps to install lights for the propeller at the other side. Also place the expansion board inside the cabin
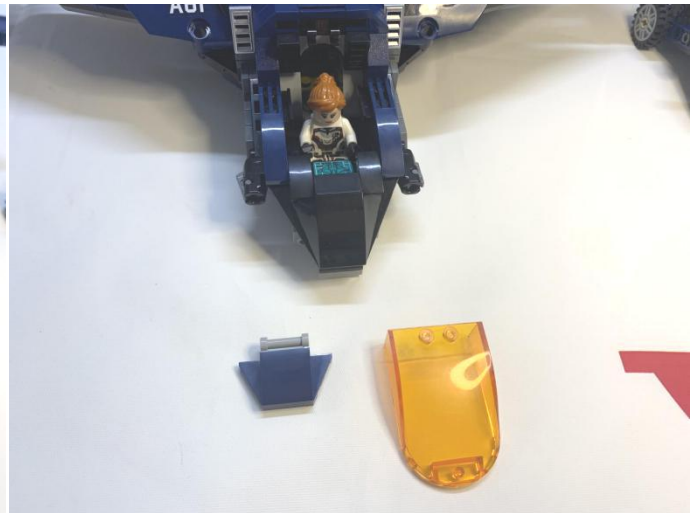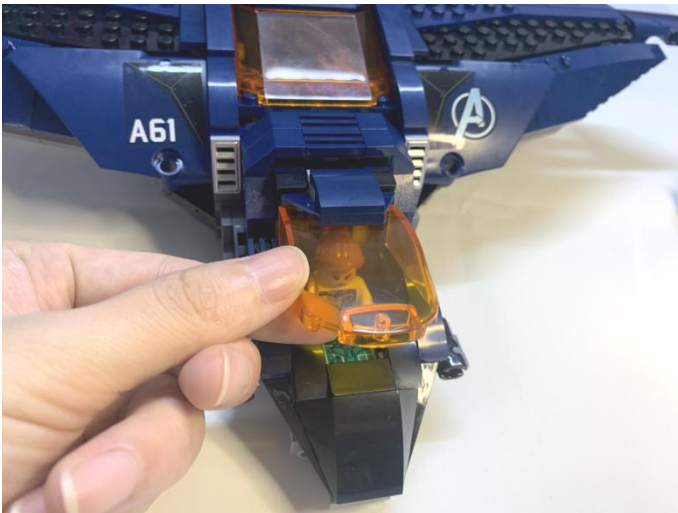

Connect the 5cm connecting cable to the Multi Effects Board, place the Multi Effects Board inside the cabin with the adhesive squares
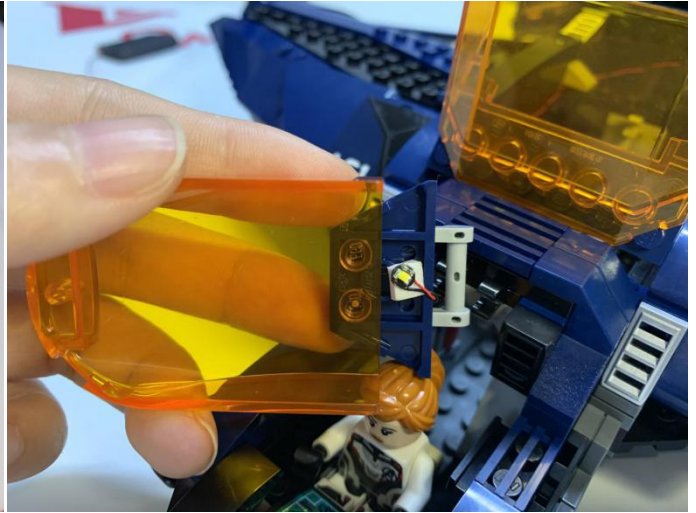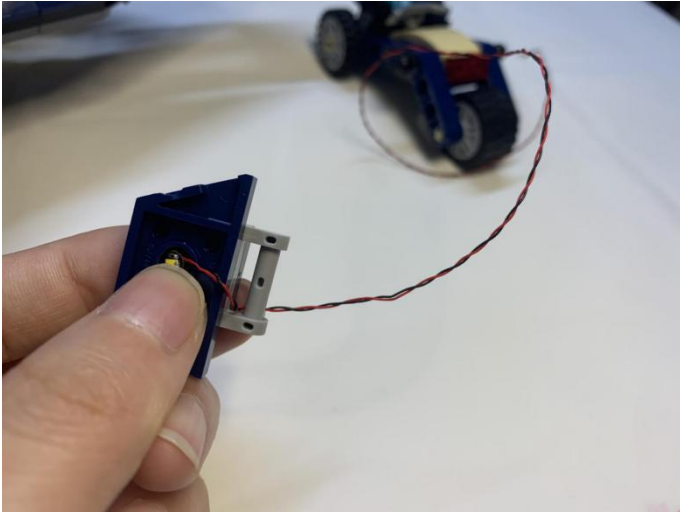

Turn the power on to verify the current

Continue to install lights inside the fighter plane. Remove the sunroof
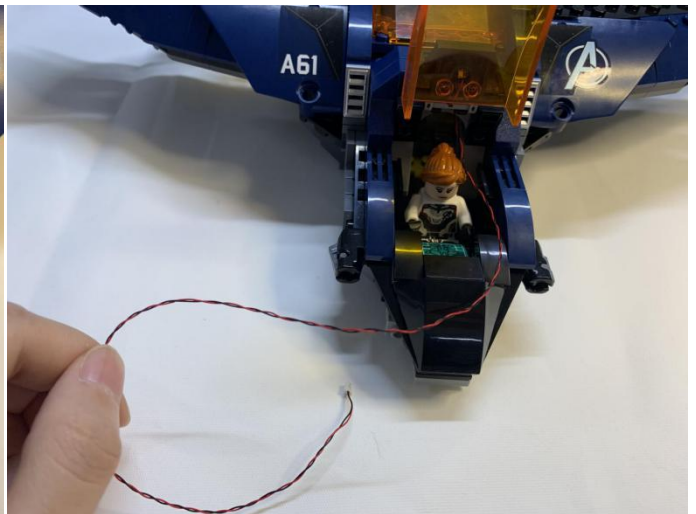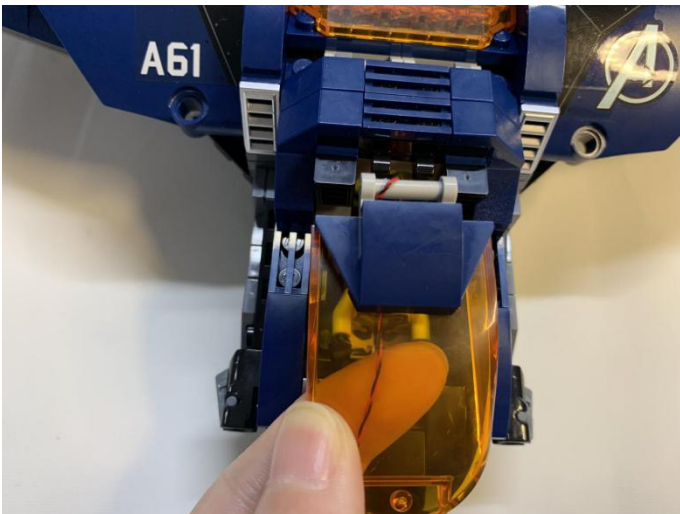

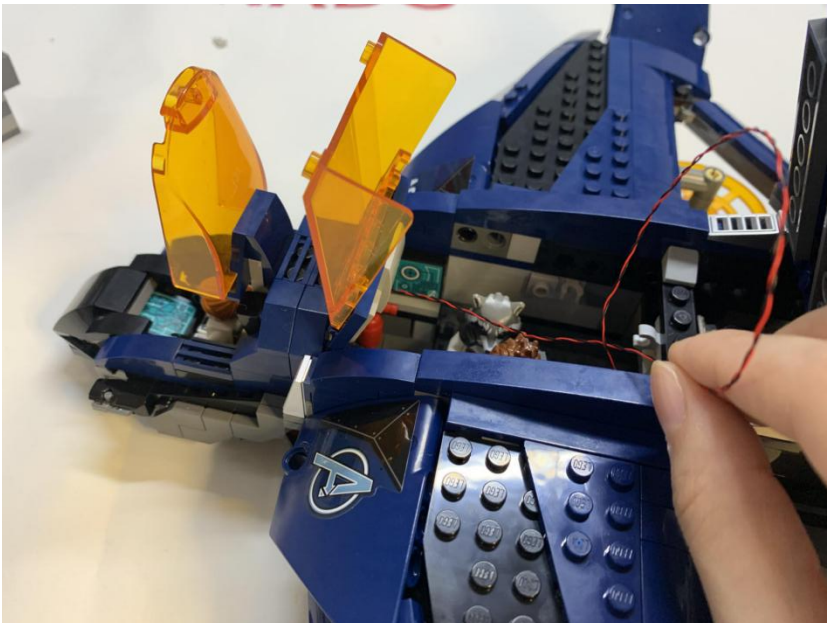Take a warm white 30cm dot light

Connect the light to the blue plate with the adhesive square, thread the cable through the following gap
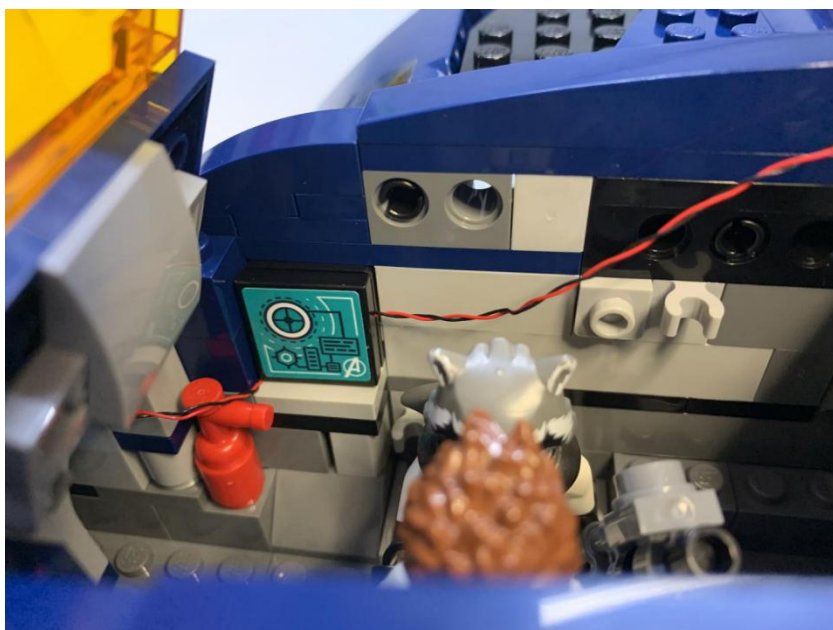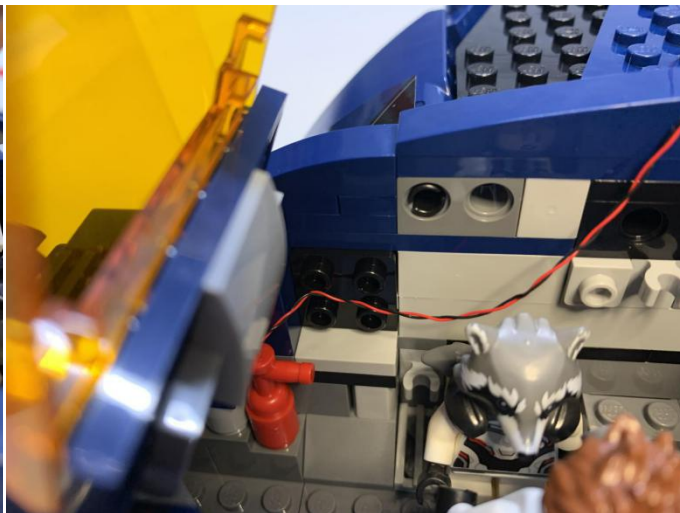
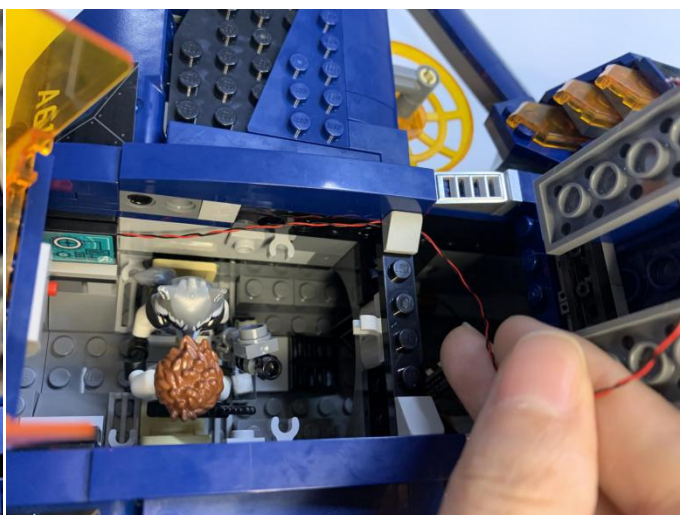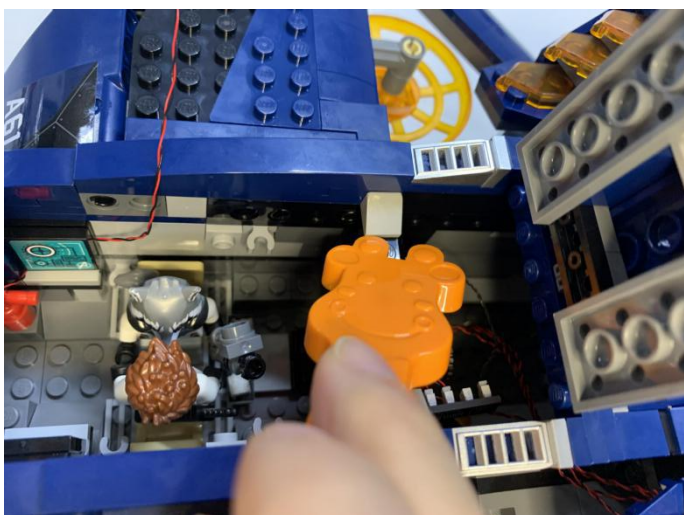Wind the cable around the gray rail, pull it out from the inside

Pull the cable toward the rear cabin

Remove the picture to allow the cable be placed underneath in between studs
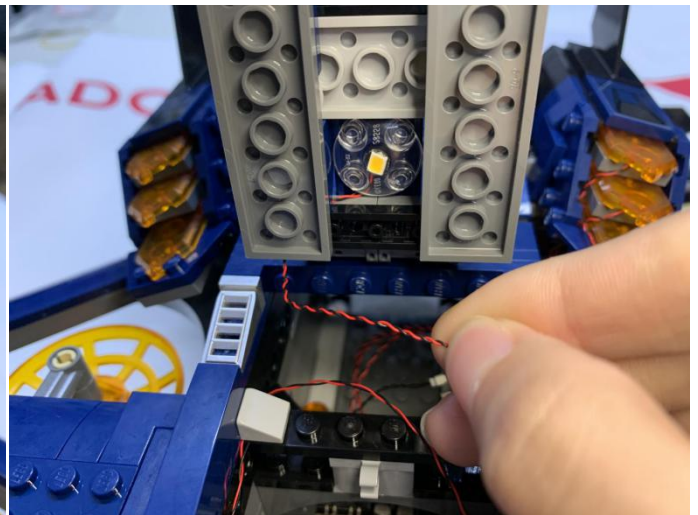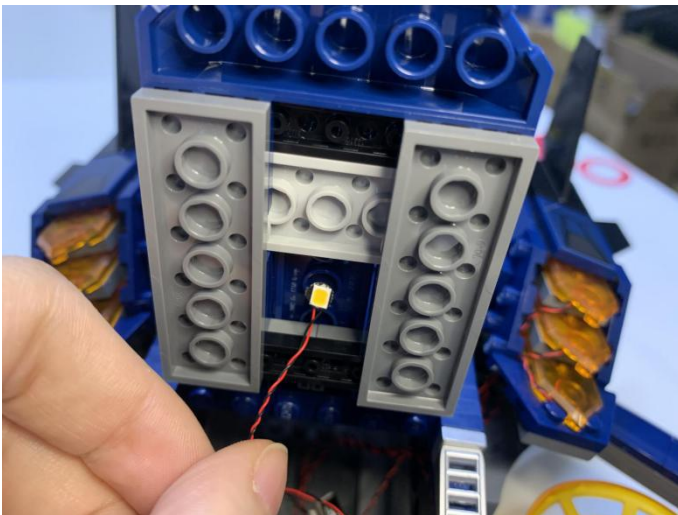
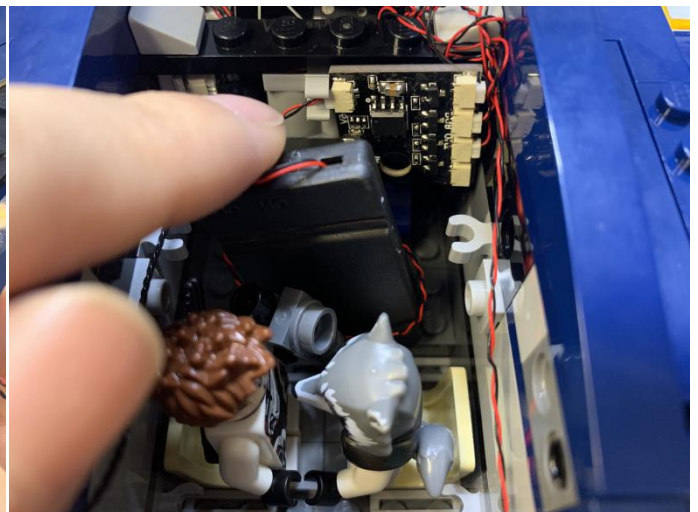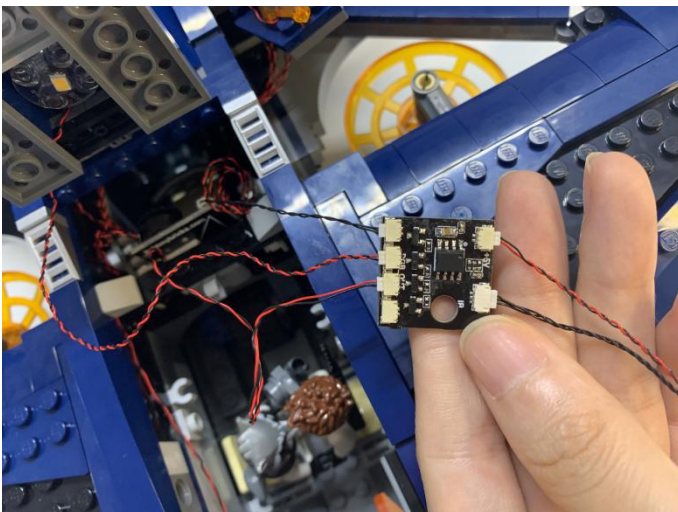Remove the gray slope plate, secure he cable under

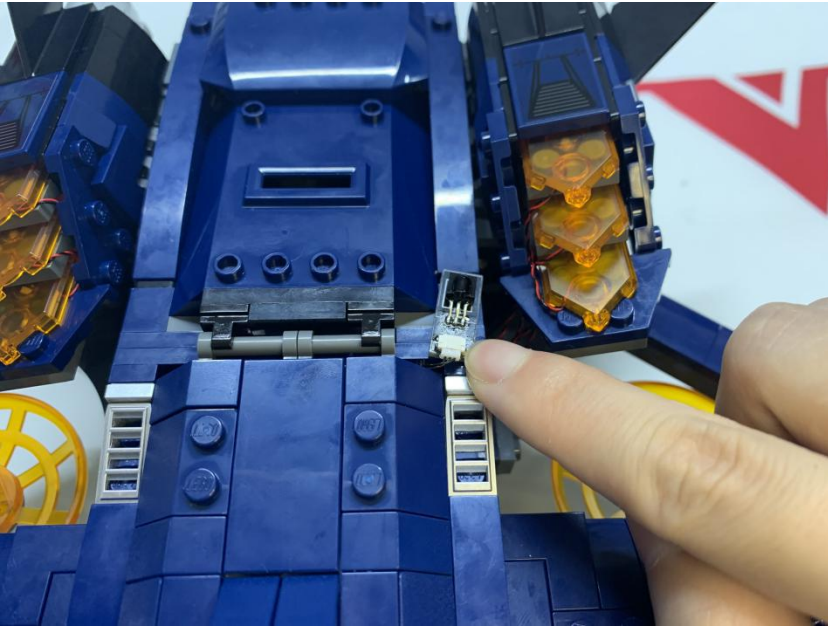Take a 15cm light, a trans 2x2 round plate

Connect the light to the ceiling of the cabin as per below. Secure the cable under the gray plate

Connect the cables of the lights to the switch board, tuck excess cable around it, secure it to the following place with adhesive squares. Place the battery pack inside the cabin

Close the door, pull the receiver out.

This completes installation of this LED Lighting Kit. ENJOY!