P134 75955 Hogwarts Express LED Lighting Set

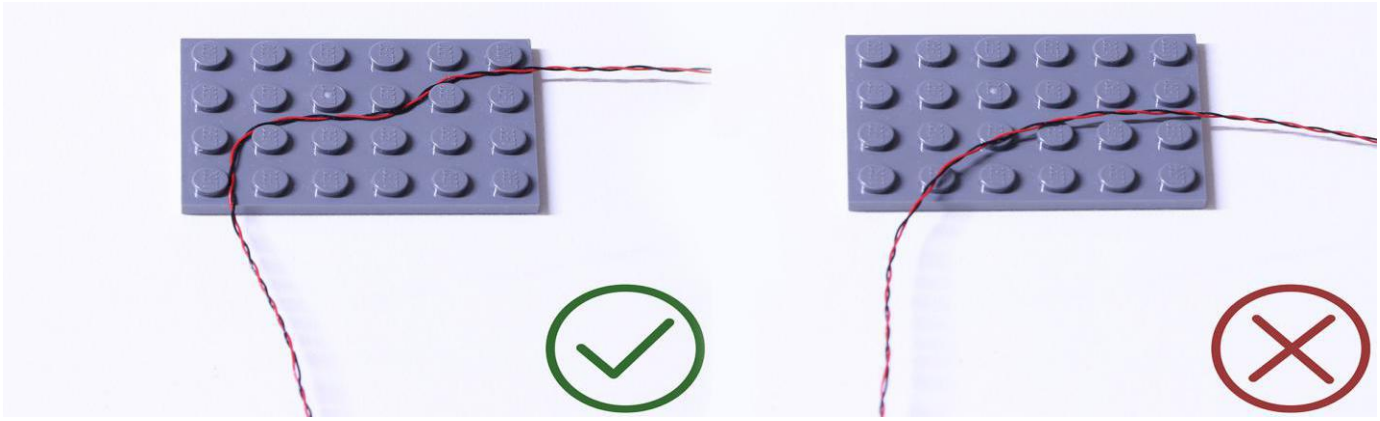
The following are the installation instructions for this package. If you encounter any difficulties, please refer to the online troubleshooting guide To ensure a smooth installation, please read the installation steps carefully

Package includes:

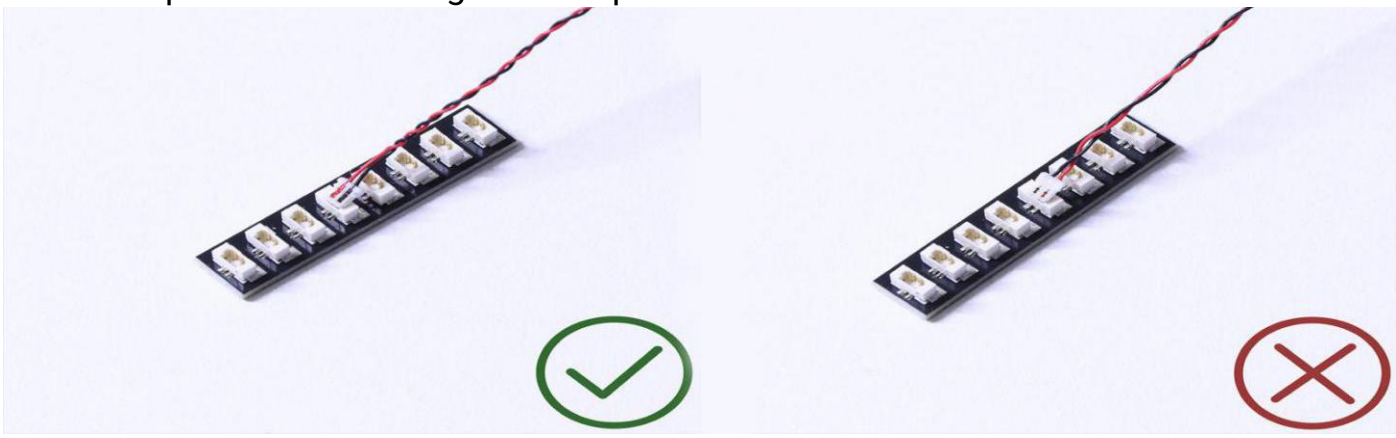
·7x 15cm white lamp pellets
·2x 30cm white lamp pellets
·3x white light bar
·1x flame lamp module
·3x 6 sockets
·1x 5cm cable
·3x 15cm cable
·1x 30cm cable
·1x AA battery box
·1x round button battery box

Extra pieces

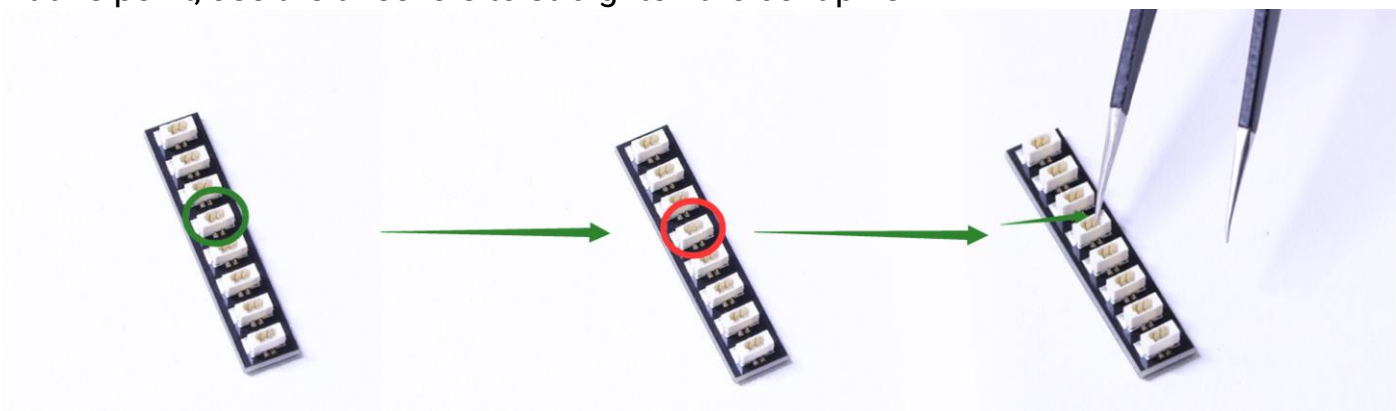
Note:
Place wires on the surface or under the building blocks.
The wire can be place between the building blocks or under the block, but they should be placed between the studs correctly.



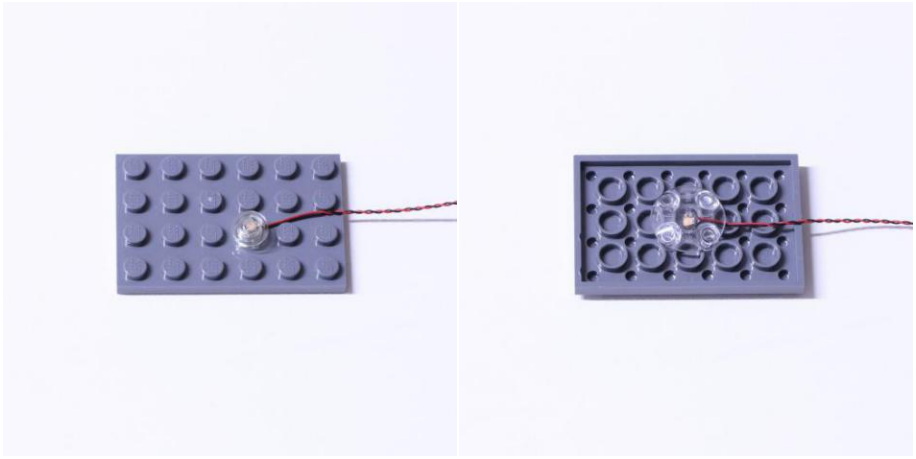
Insert the connectors to the ports.
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and 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.

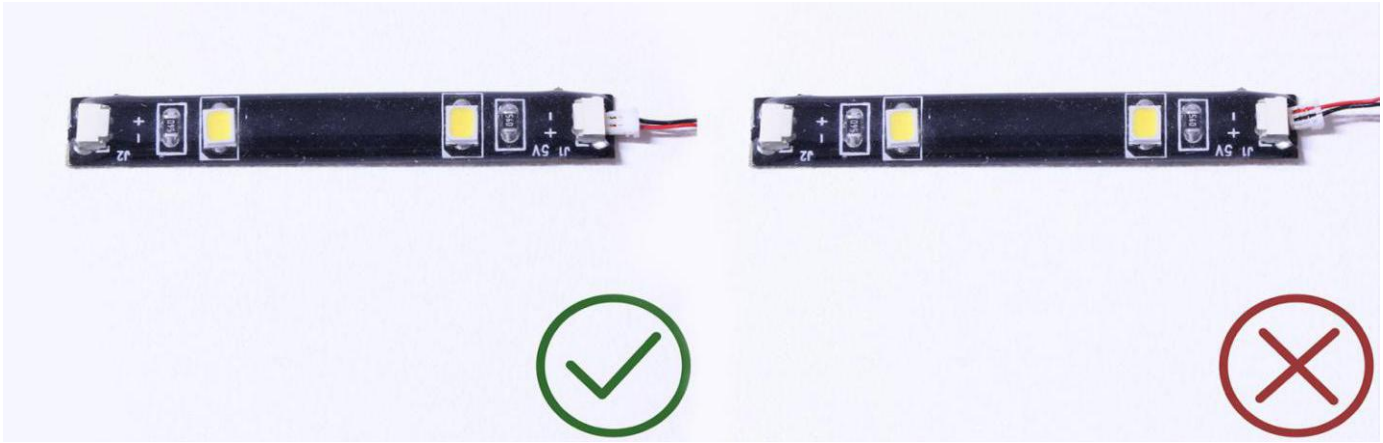


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put they either on the top of the studs or between studs.

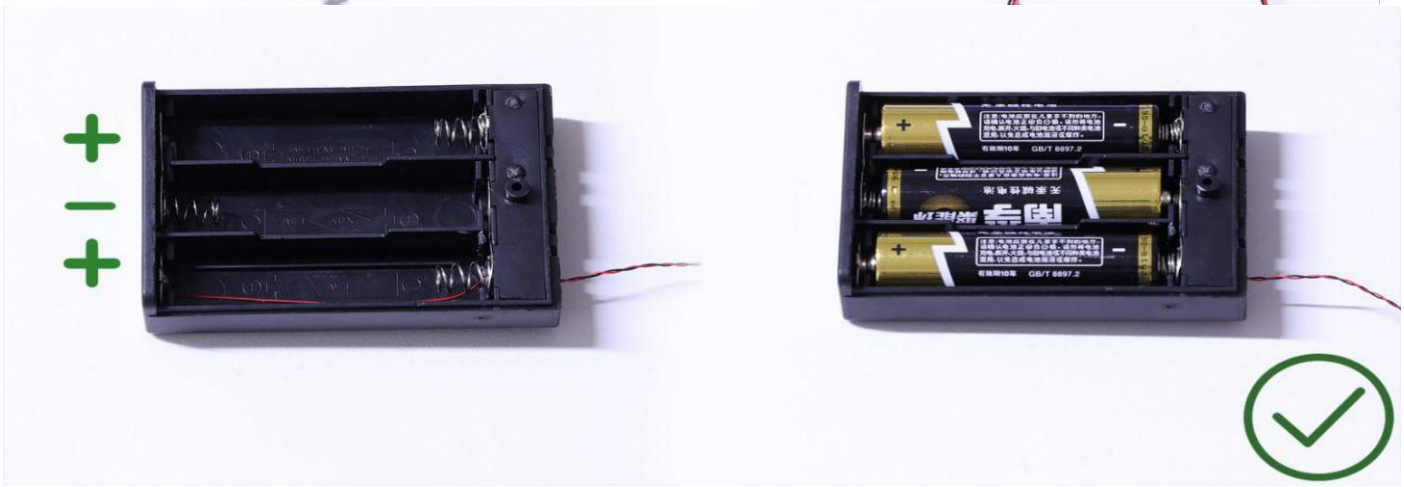


Connecting cable connectors to Strip Lights

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.



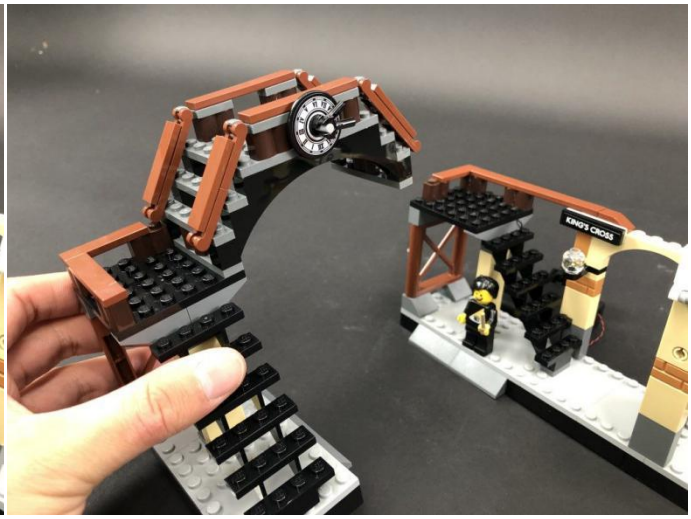
Finally, please pay attention to the positive and negative terminals of the battery when installing the battery case.

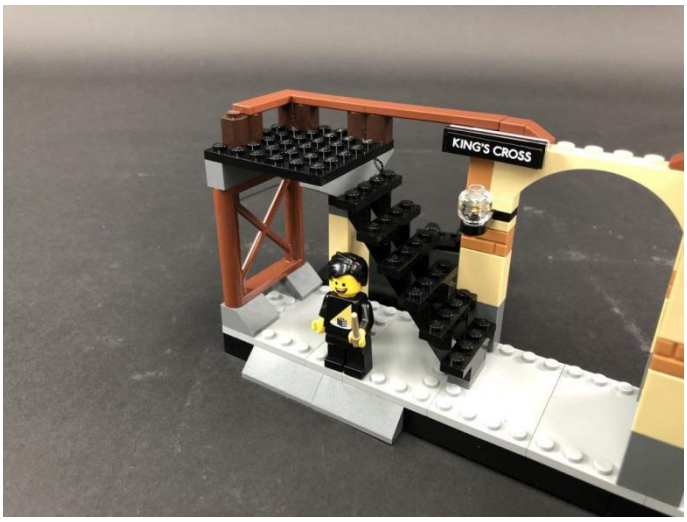


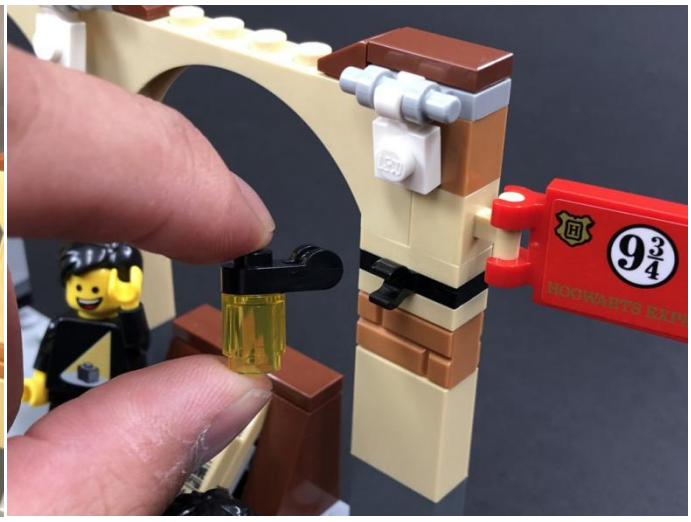
Let's start!

1.) Start with the lighting of the railway station. First remove the train, then remove the bridge and the lighting as shown.

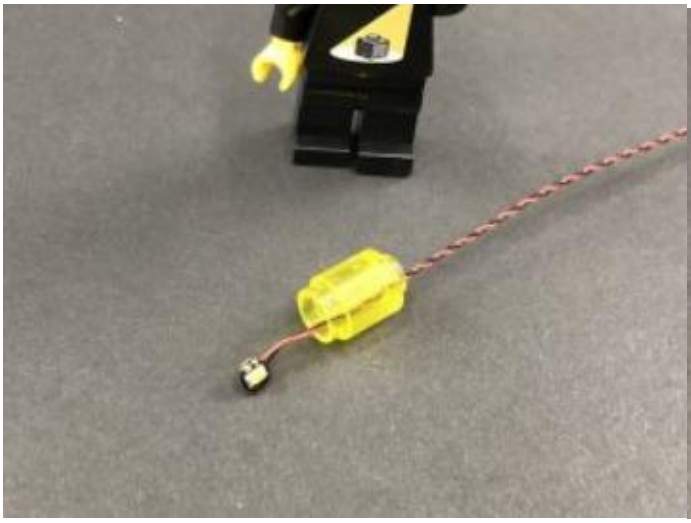




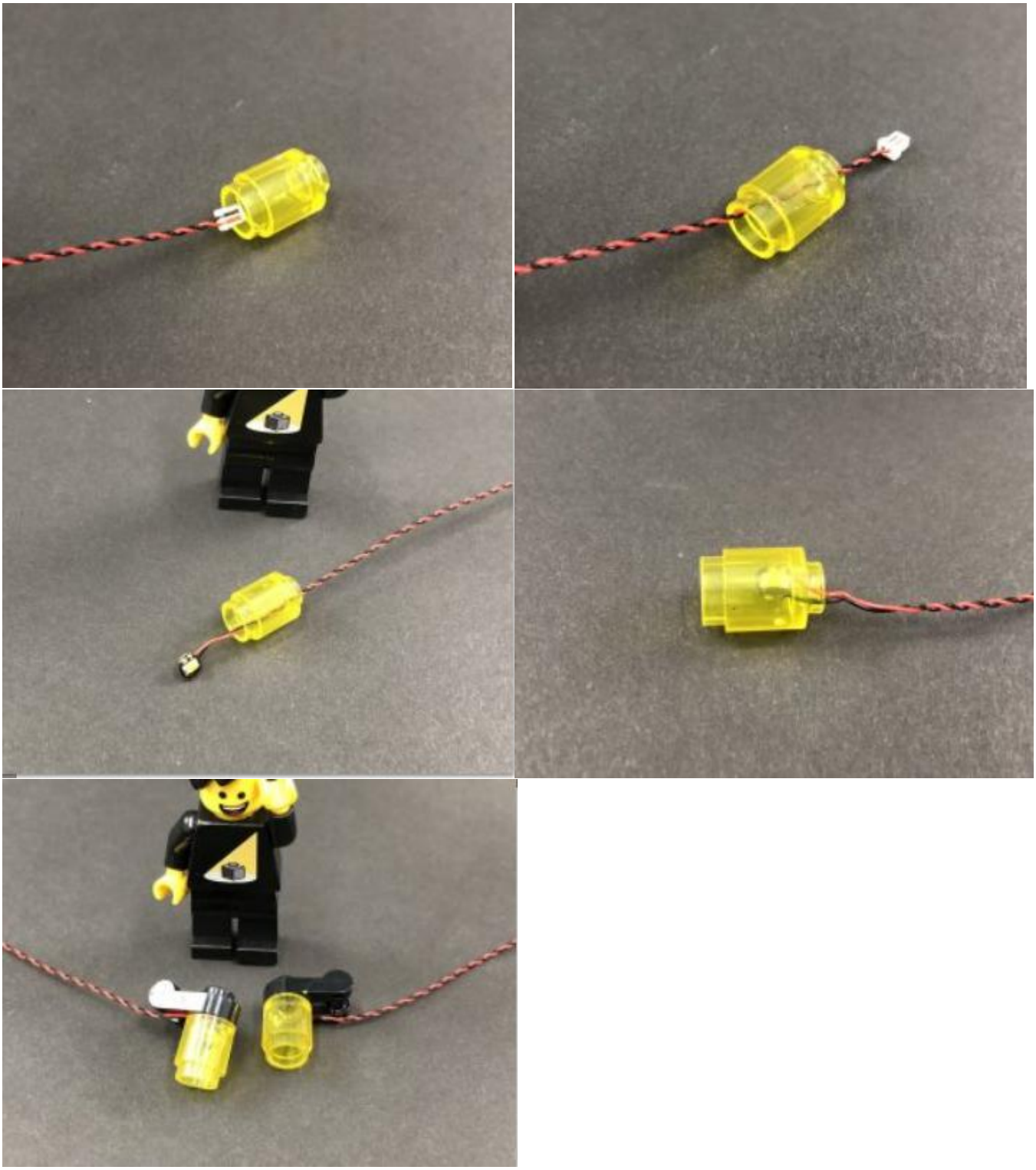




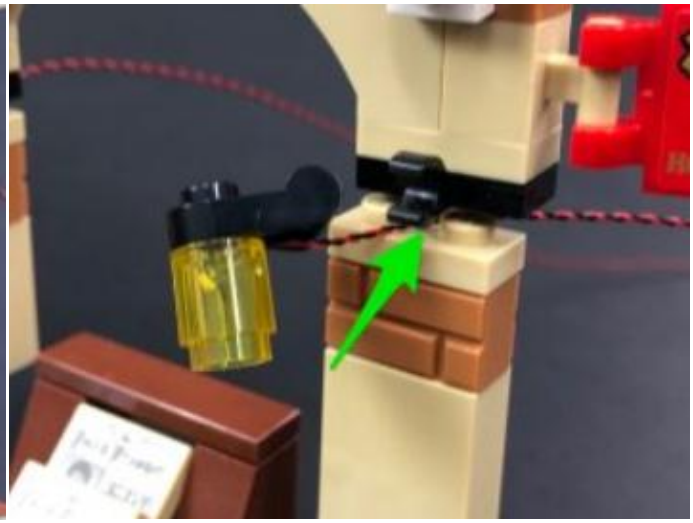
2.)Split the lighting as shown in the figure, take a 30cm white lamp pellet, and pass its plug end through the transparent yellow building block as shown in the figure until the light-emitting side of the lamp pellet is facing upwards and is located inside the building block. Replace the black building block to fix it Live the lamp pellets.



Take another 30cm white lamp pellet, repeat this step, and install it to another lamp.



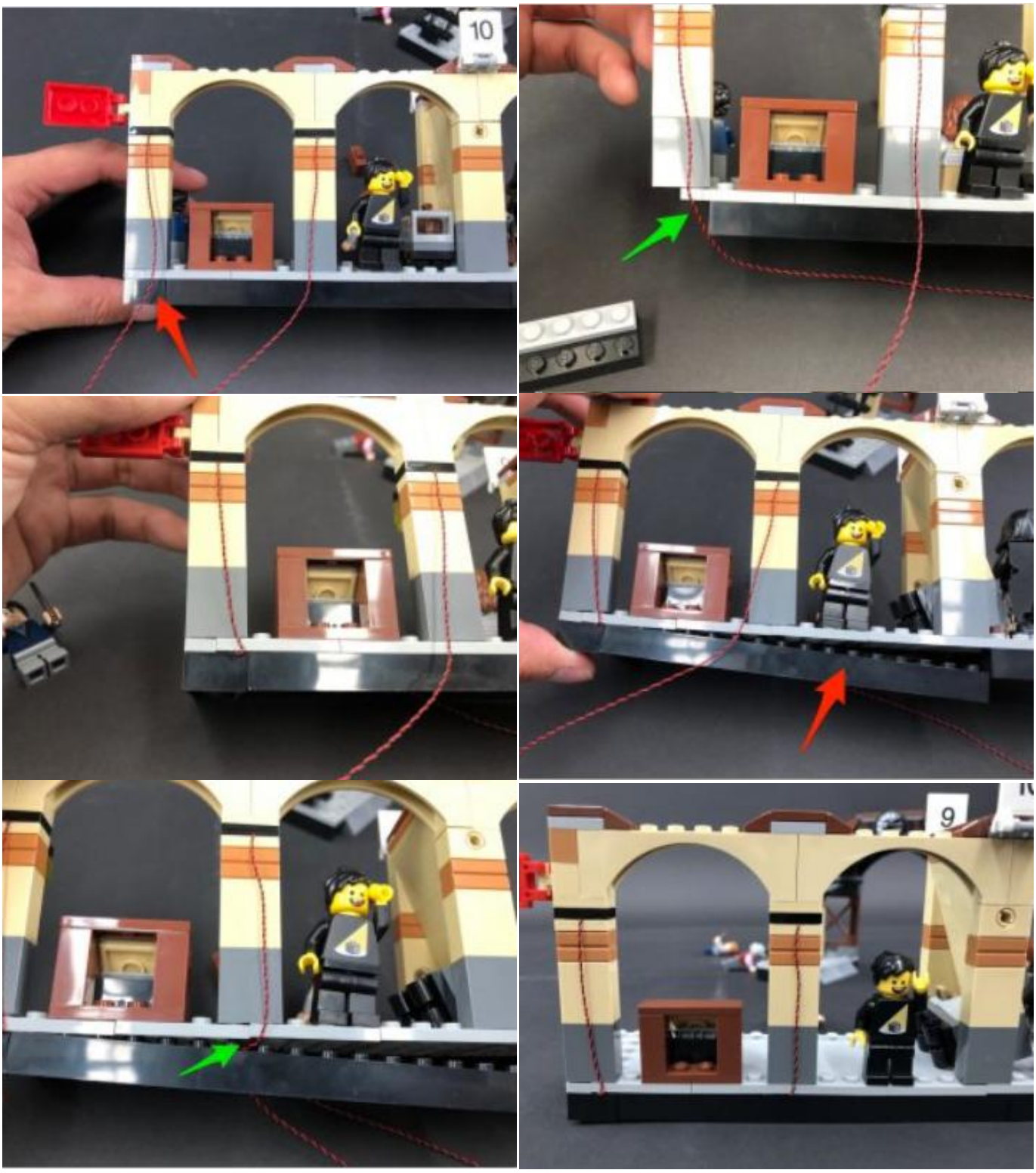
2.) Remove the upper part of the wall, pass the lighting connection line through the gap, and install the lighting back to its original position. Make sure that the connecting wire is placed between the studs, as shown in the figure:



After installing the lighting, install the wall back.

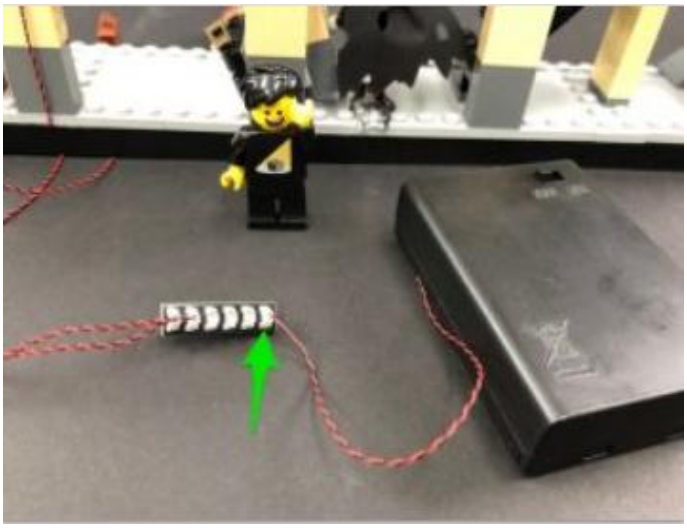
3.) Go to the back of this part, and place the light chip connection line down the wall

Fix the connecting wire under the block as shown in the figure. First, remove the block as shown in the figure, place the connecting wire between the lower studs, and then reinstall the block



4.) Take a 6-seat socket, and insert the 2 lamp pellet connecting wires into the socket. Install the battery in the battery box, insert its connecting wire into 6 sockets, turn on the power switch, and test the effect of the lamp pellet.



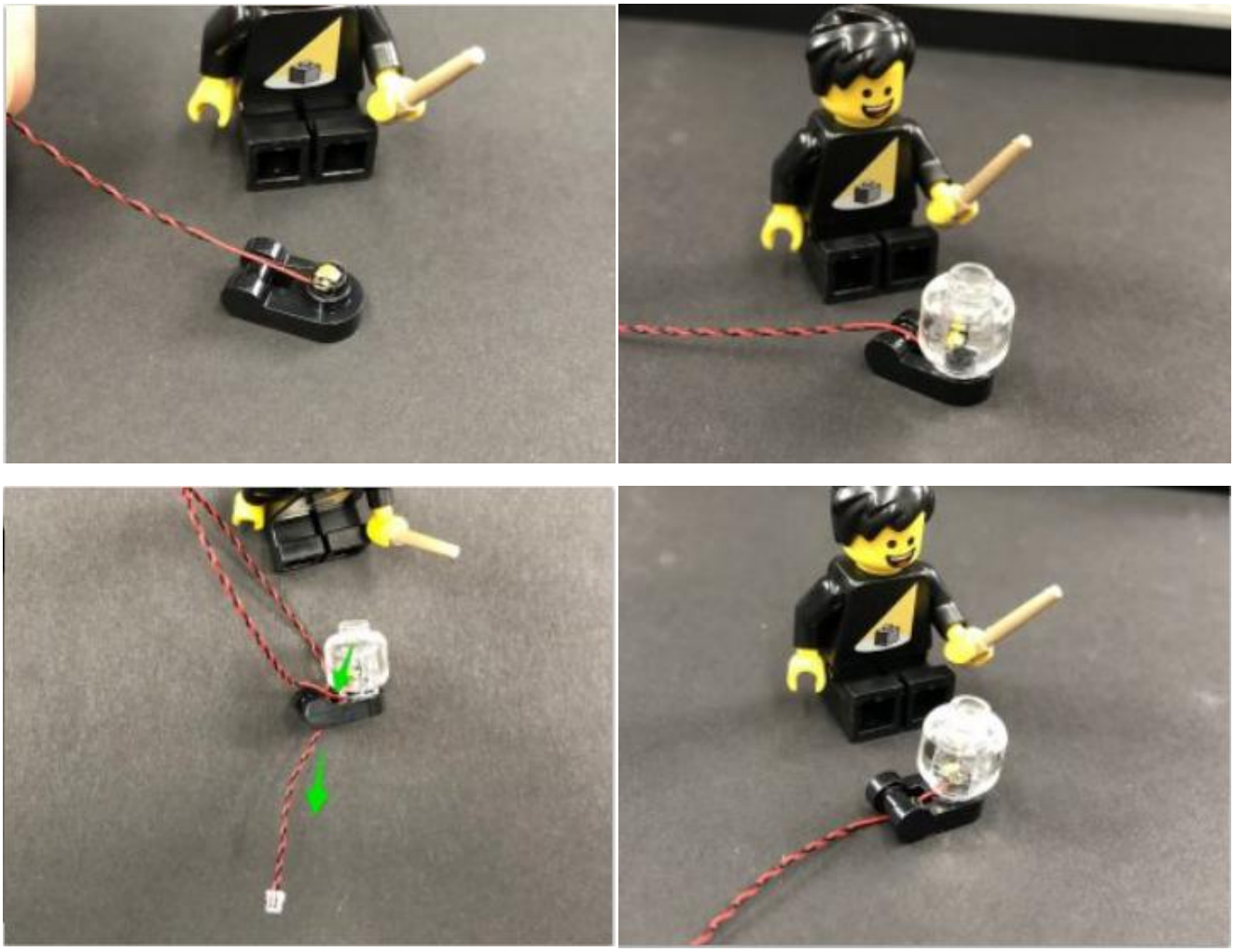



Note: If the lamp pellet does not light up, you can change the socket to find out whether the problem is on the lamp pellet or the socket. If there is a problem with the socket, please read the online troubleshooting guide

4.) Continue to install wall lighting. First, remove the lighting as shown in the figure and remove the black bayonet plate at the bottom.

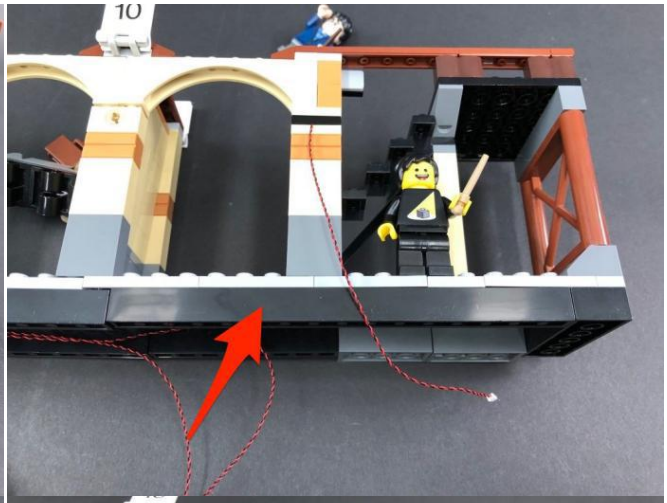

KING'S CROSS

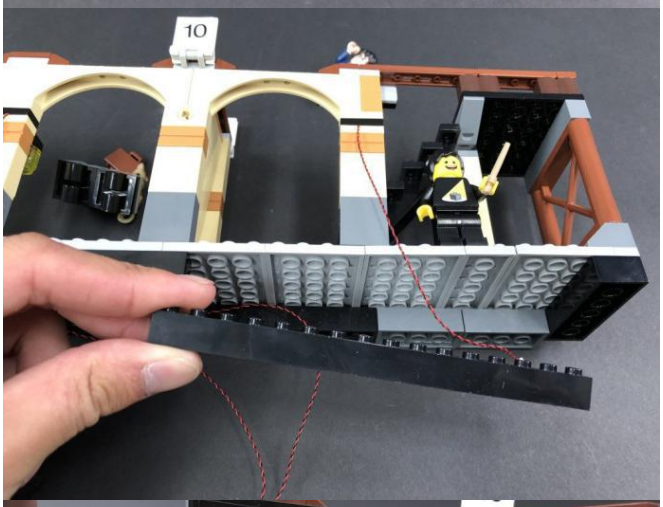
Take a white 15cm lamp pellet with the connecting wire facing the bayonet and install the lamp pellet on the stud. Replace the lamp cover to secure it. Pass the cable through the bayonet and pull it out from below

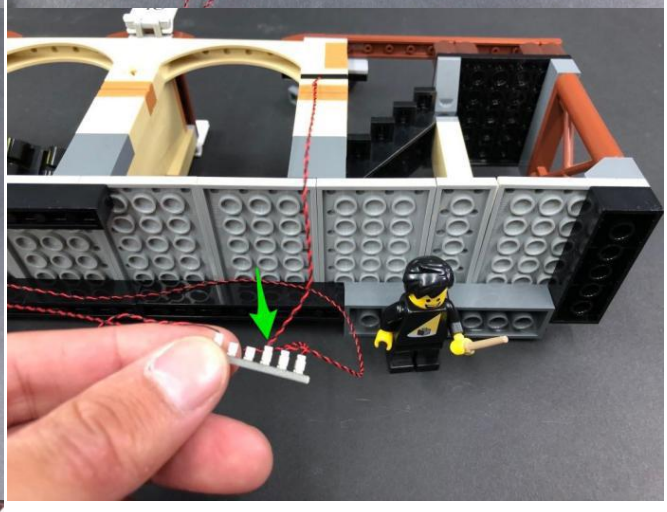


5.) Lift the upper part of the wall slightly to create a gap between the walls, and place the lamp chip connection line between the studs and pass through the gap. Reinstall the lighting, and then back to the wall.

Turn to the back of the suit and pull down the connecting line along the wall. Then remove the long black building block at the bottom, insert the connecting wire into the socket, turn on the power switch, and check the lighting effect.

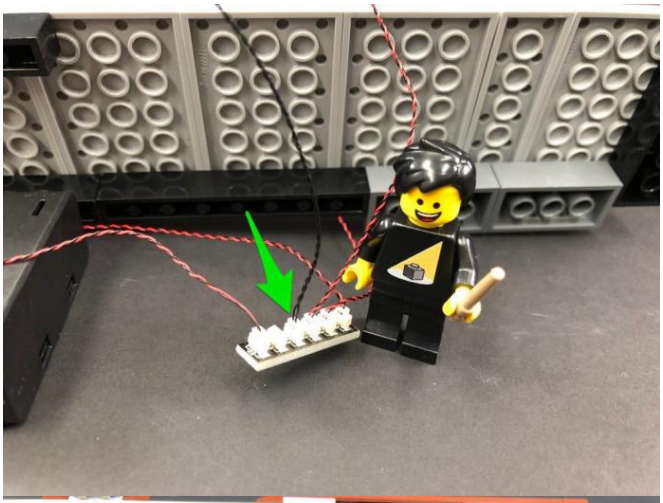
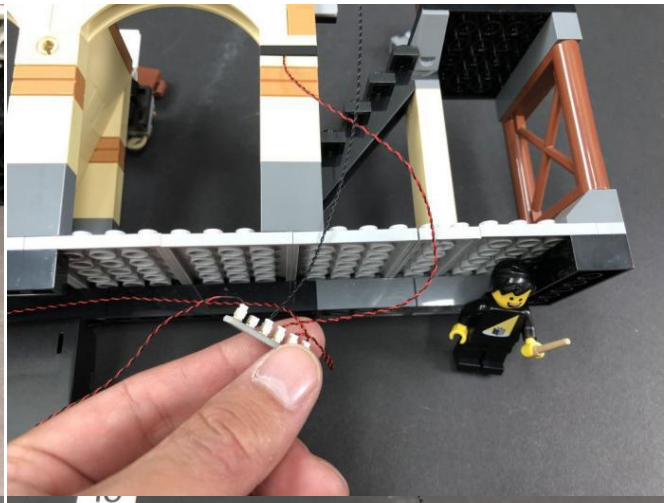
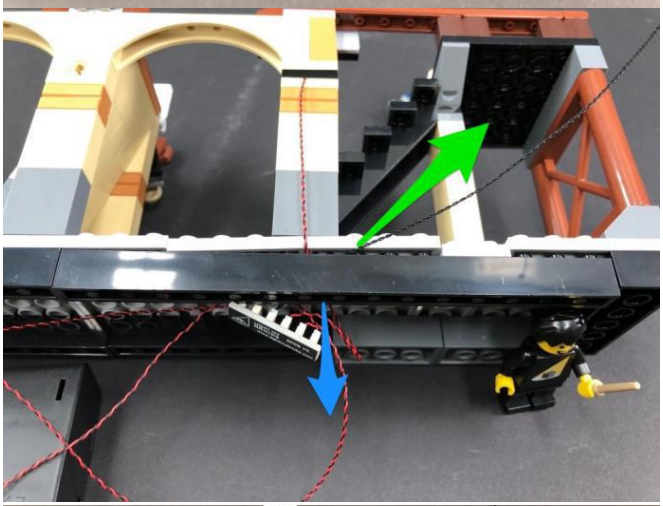
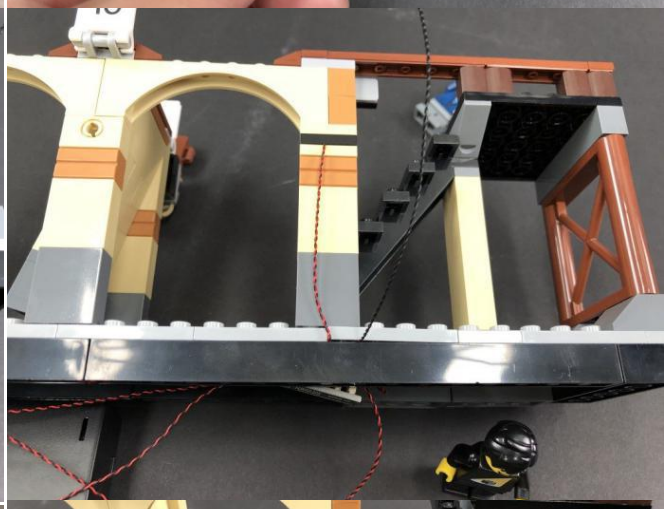
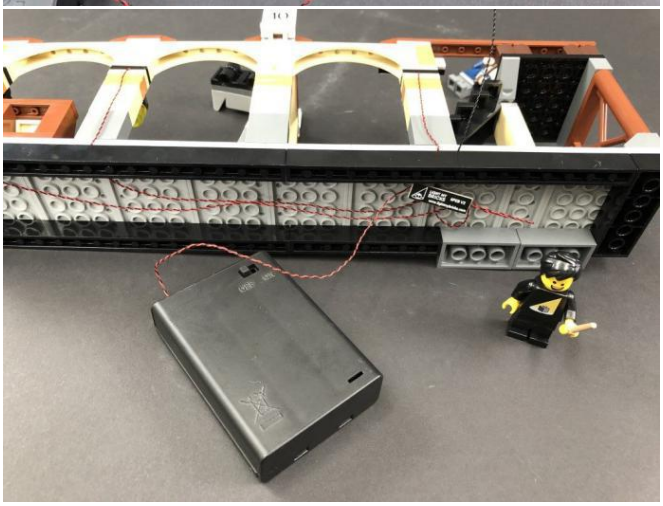
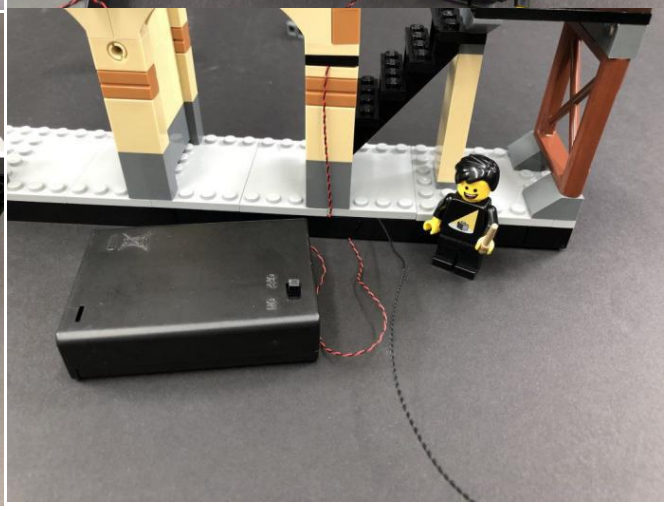




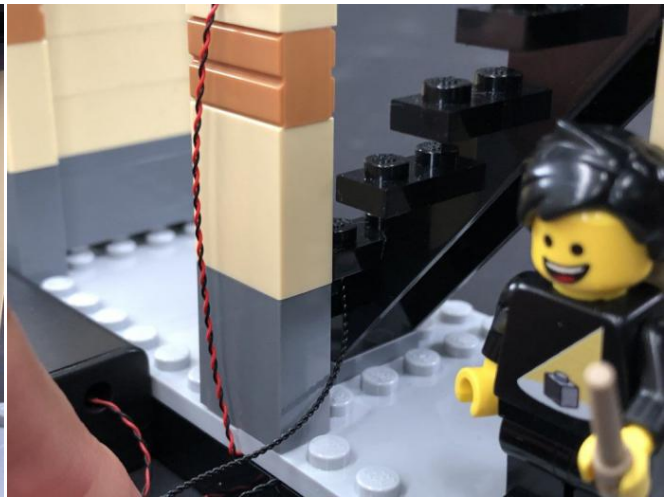


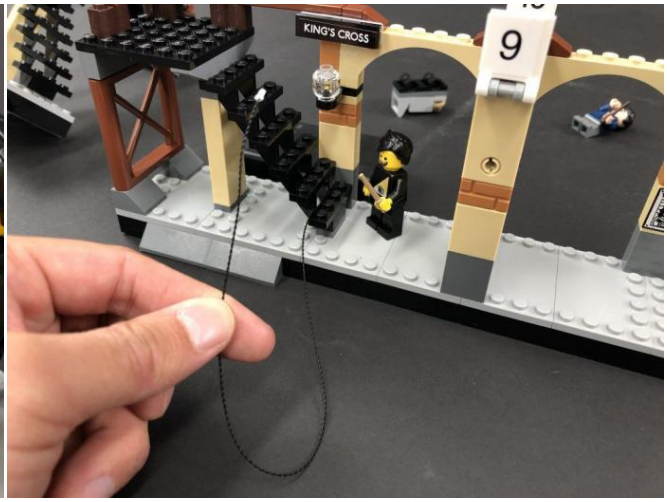
Note: If the lamp pellet does not light up, you can change the socket to find out whether the problem is on the lamp pellet or the socket. If there is a problem with the socket, please read the online troubleshooting guide

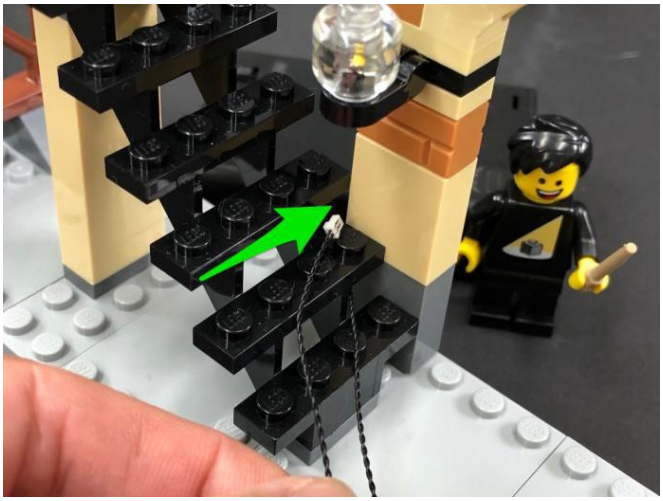
8.) Take a 30cm connecting wire, insert one end of it into 6 sockets, pull out the connecting wire from below, and put it back into the long black building block. Ensure that the lamp connection wire and 30cm connection wire are placed between the studs

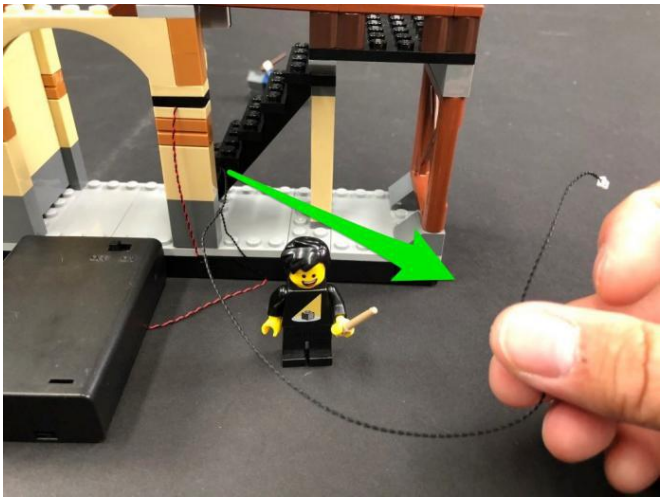







9.) From the back of this part, pass the 30cm connecting line through the gap of the first step of the staircase, and then pull the connecting line out from the front. From front to back, continue the connecting line through the next gap on the staircase, and then from Pull out the cable from the back

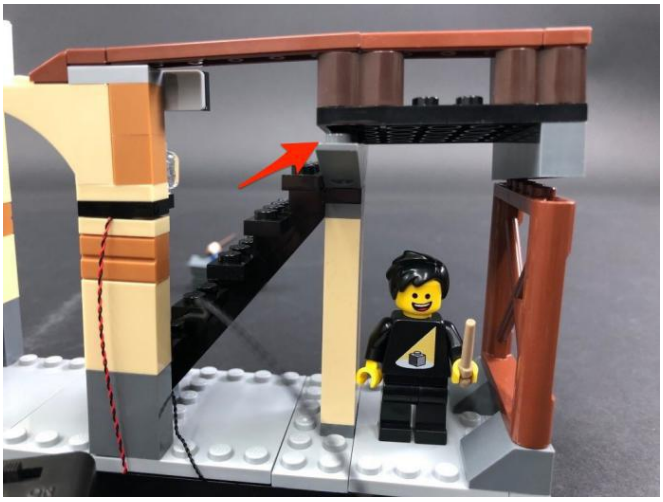





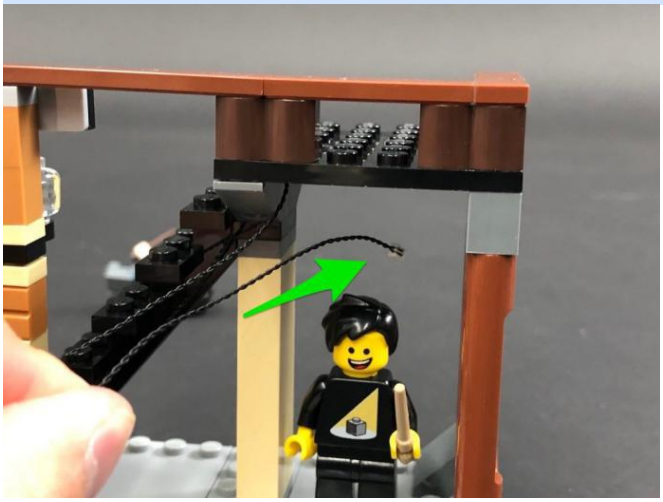


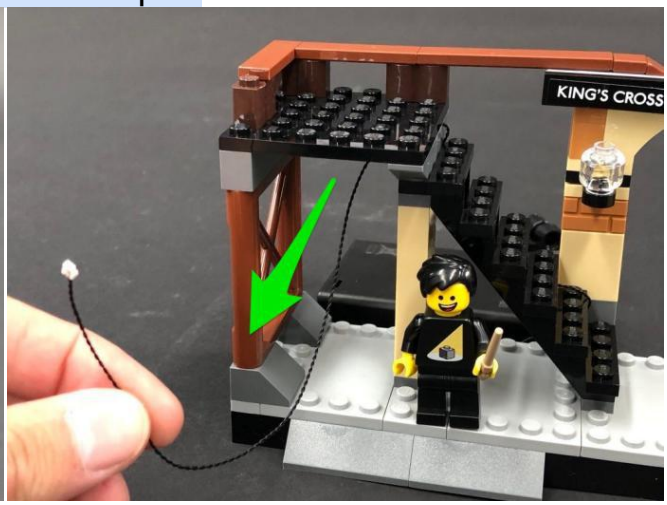



10.) Separate the stairs part as shown to create a gap, pass the connecting line through the gap, pull the connecting line out from the other side, and then close the gap.

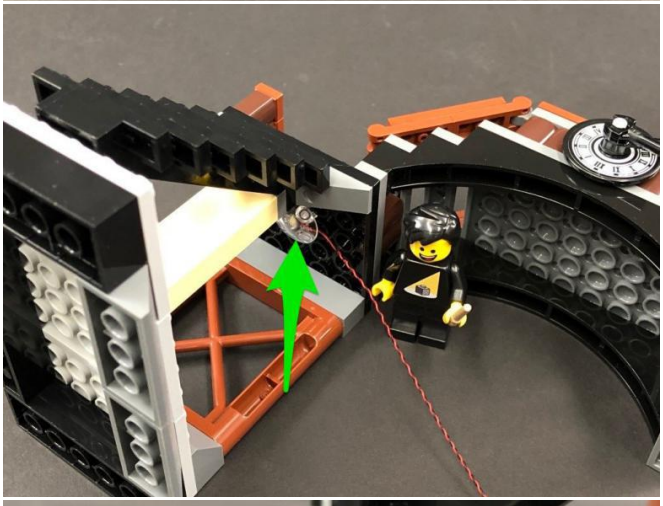


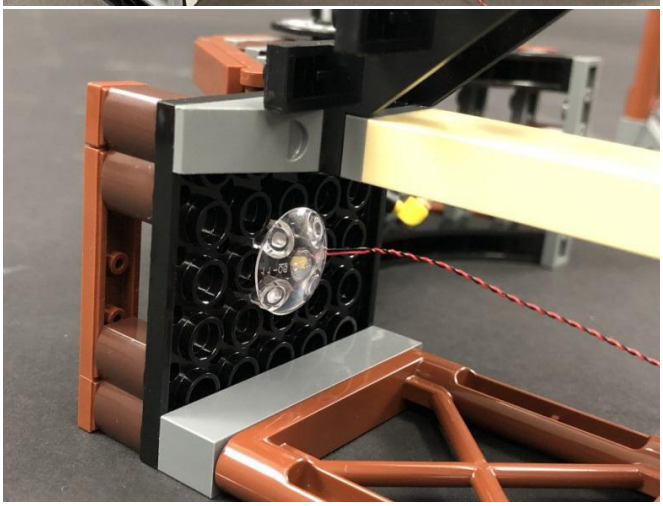
Pull the cable from the bottom to the front of this part

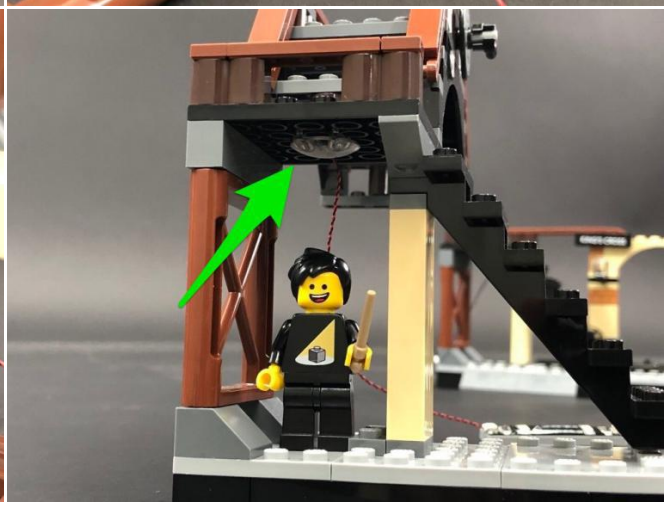


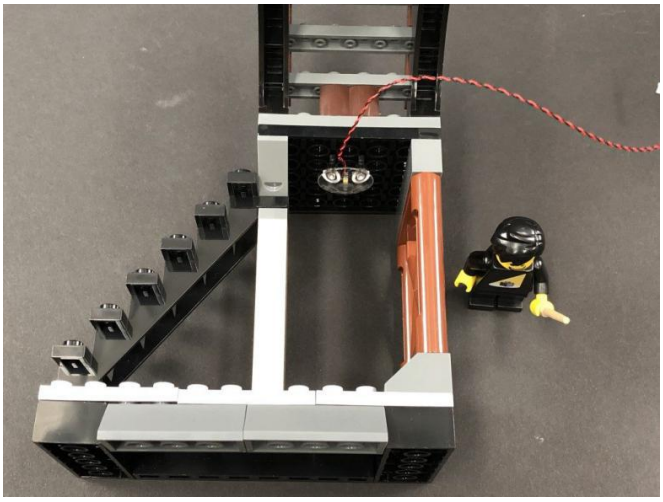


11) Turn the bridge over and take a white 15cm lamp pellet and a transparent 2x2 round bottom plank. Fix the lamp pellets on the top of the platform with a circular plate, and make the connecting line face the bridge. as the picture shows:

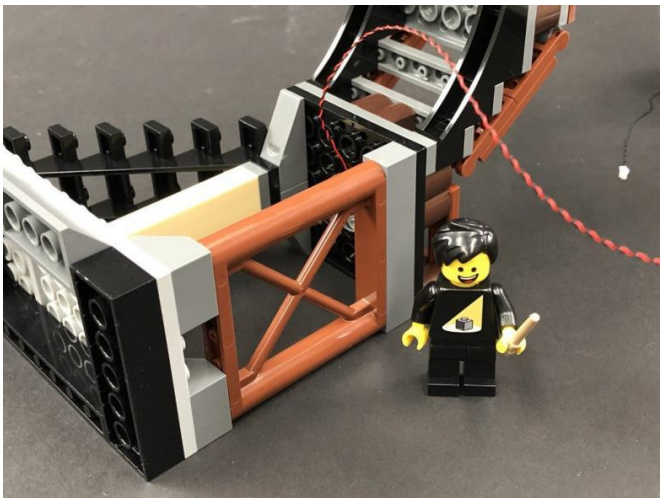


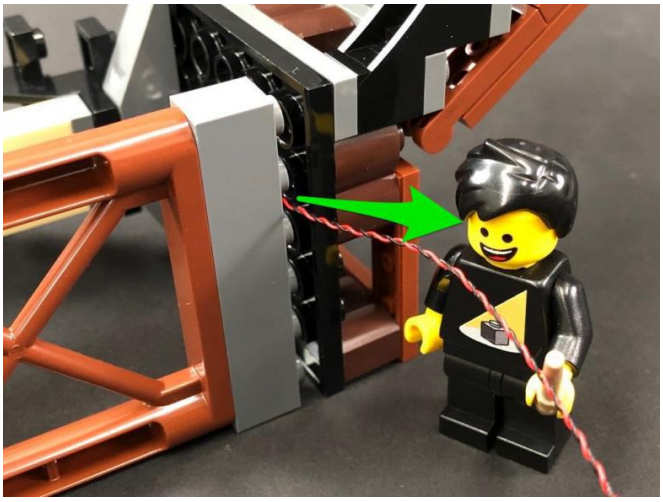


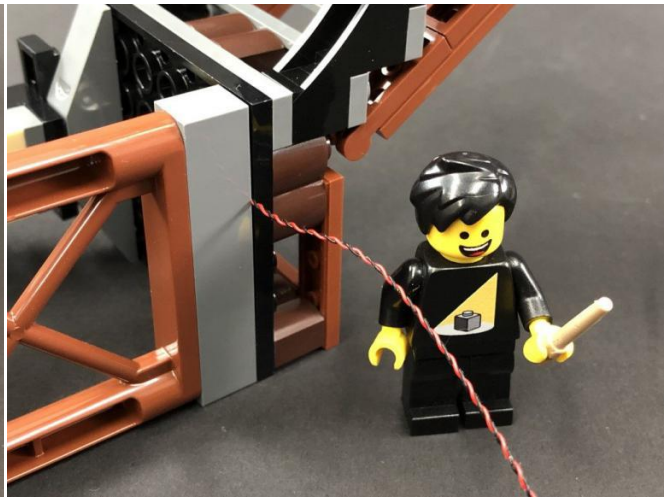




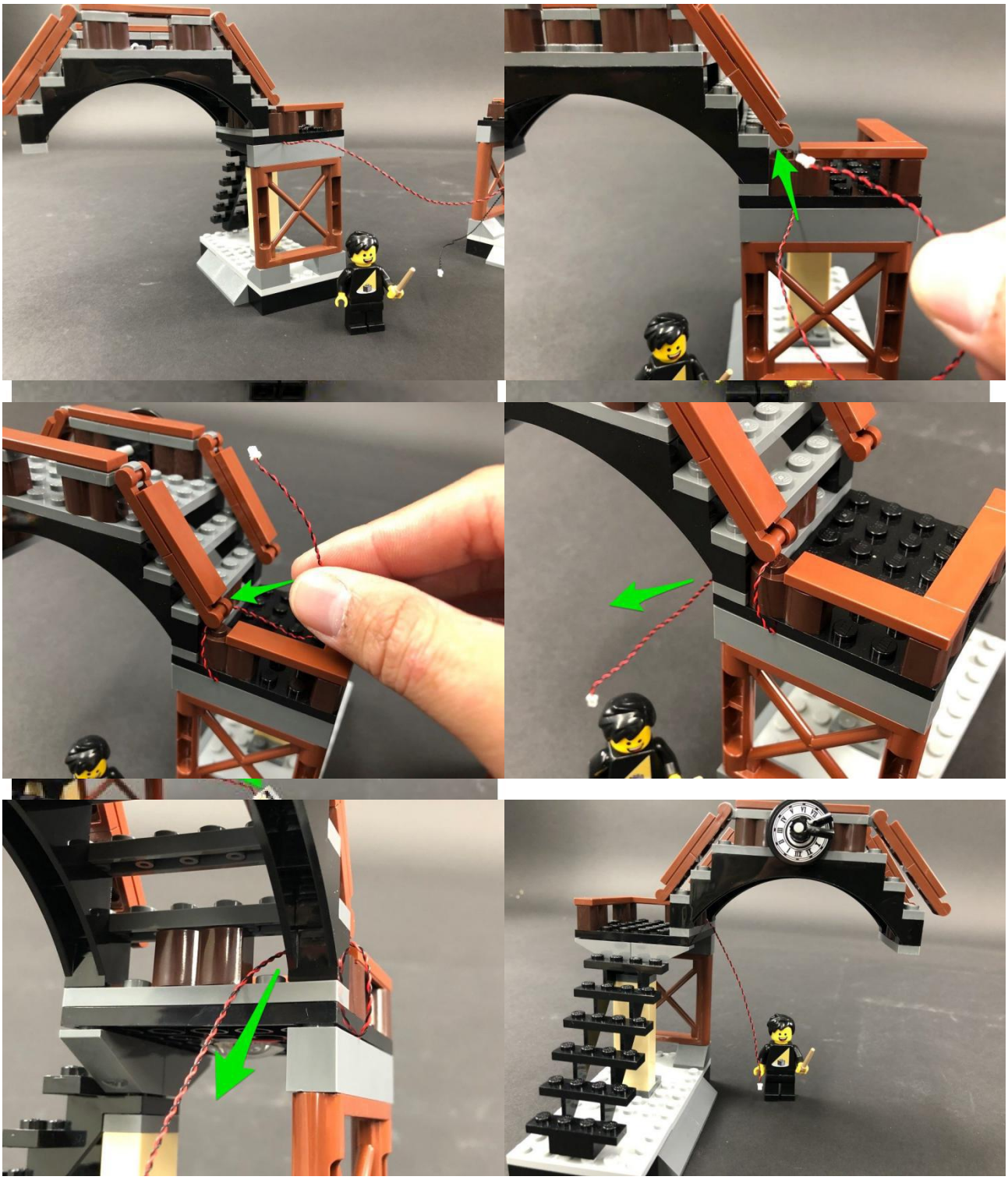
Behind the bridge, create a gap in the middle of the bridge, pass the connecting line through the gap, make sure the connecting line is placed between the studs, and close the gap





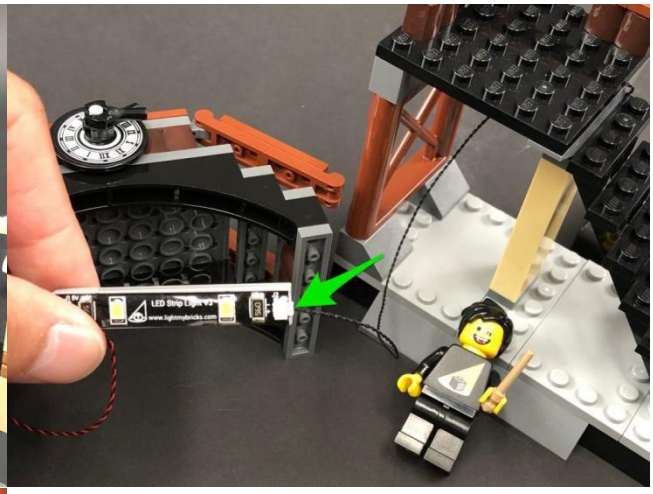


Route the connecting wire as shown in the figure below



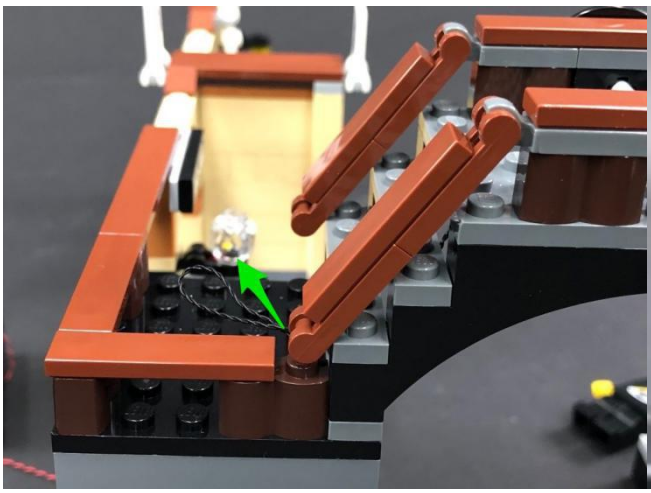
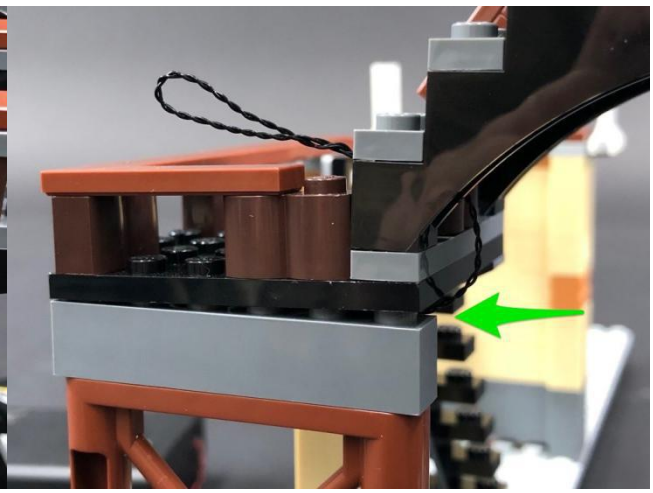
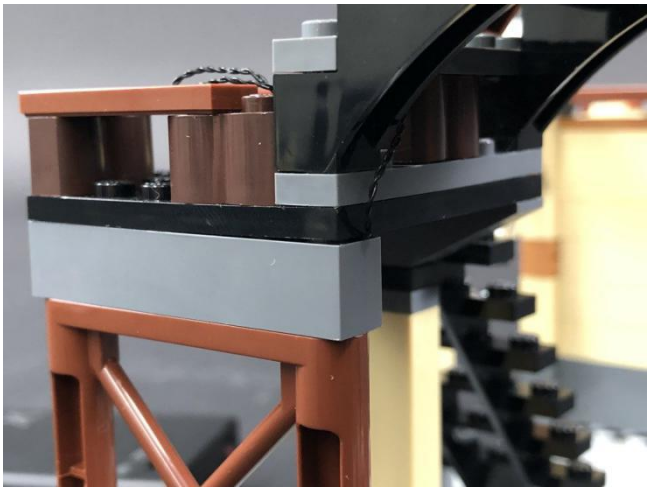
12.)Take a white light bar and paste it on a 1x6 building board, then connect the connecting wire of the light pellet in the previous step to one end of the light bar.

Connect the 30cm on the other side of the station to the remaining end of the light bar. Install the light bar to the position shown below the bridge. Then install the bridge back to the railway station, and wrap the excess part of the 15cm cable to the building plank of the light bar.

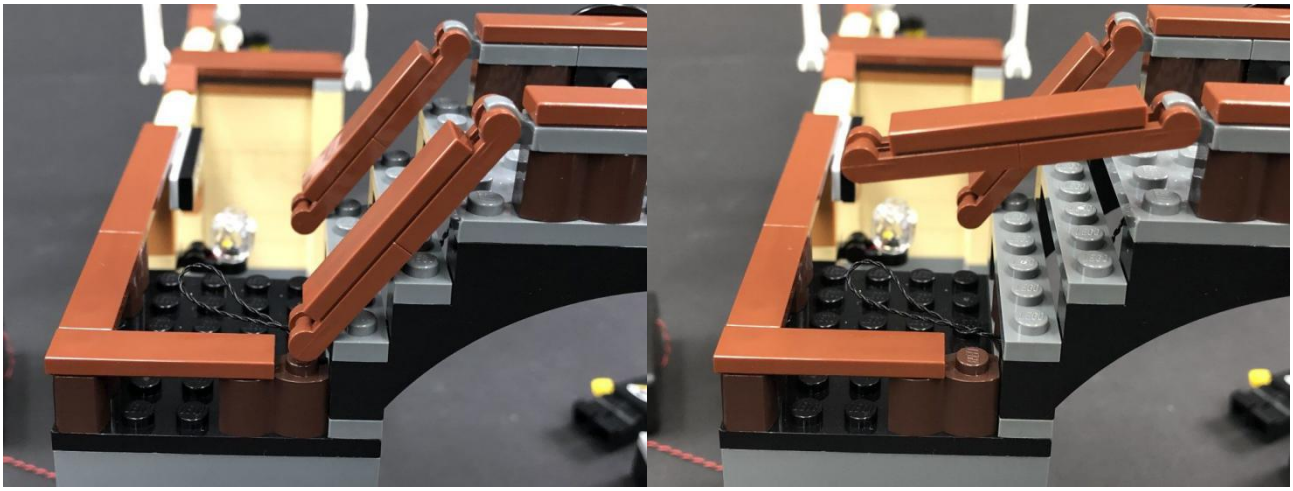
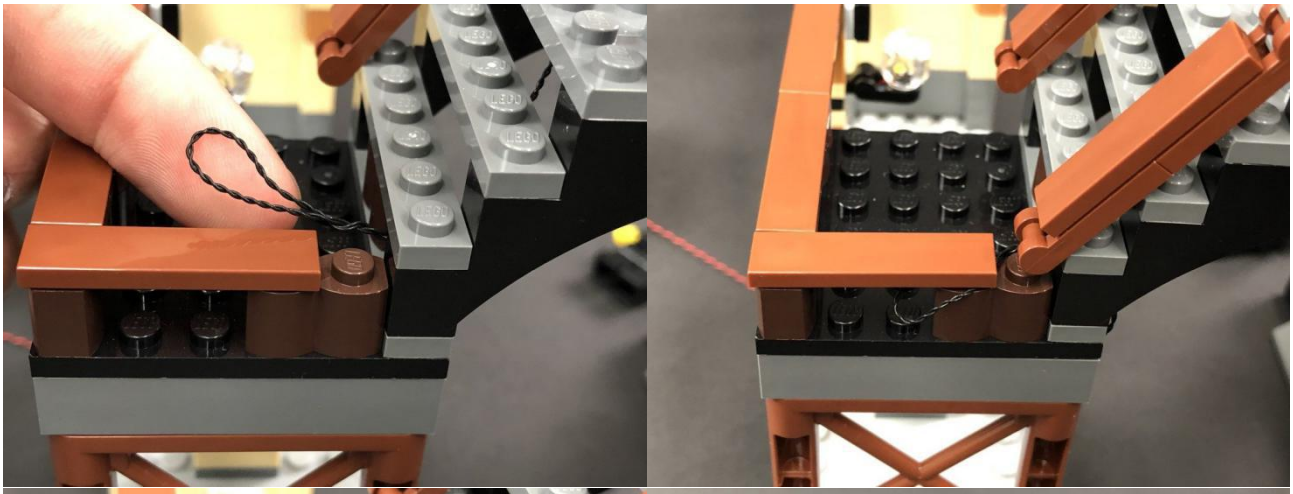
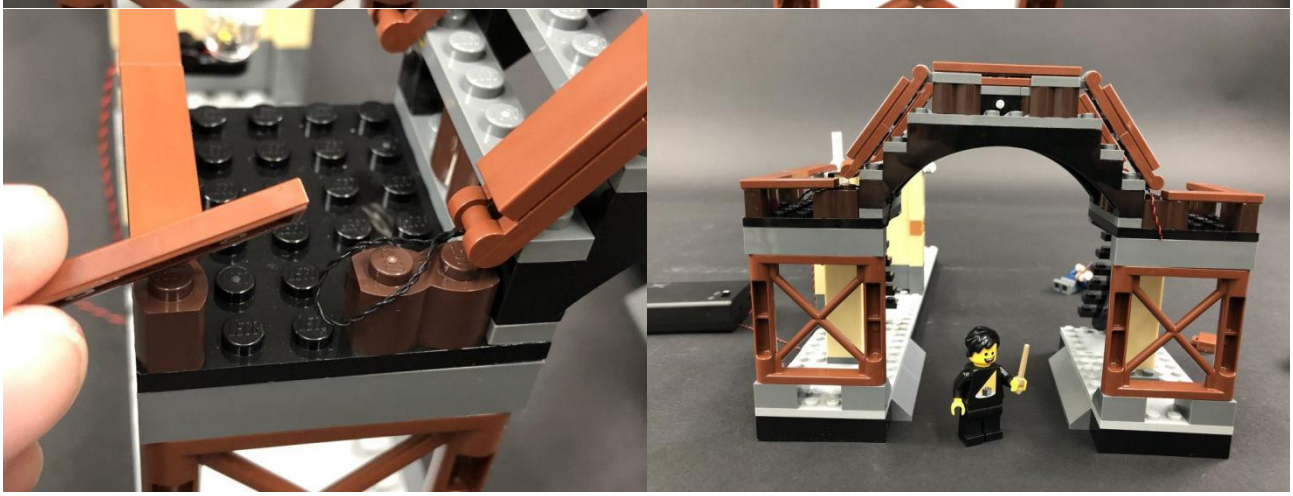


Tie the excess part of the 30cm connecting line and gather it into the space below the stairs.



Route the wires as shown in the figure below.

Finally, turn on the power and check the effect of the lighting.

13.) Continue to install the lighting of the train part. First, remove the middle and rear part of the illustrated train, and then continue to remove the illustrated part of the front of the train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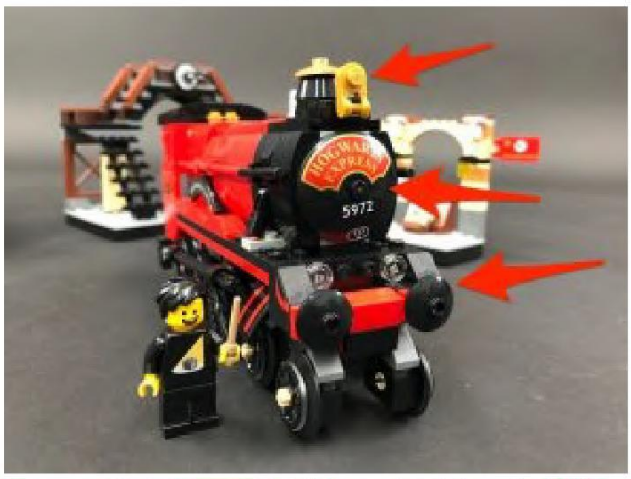
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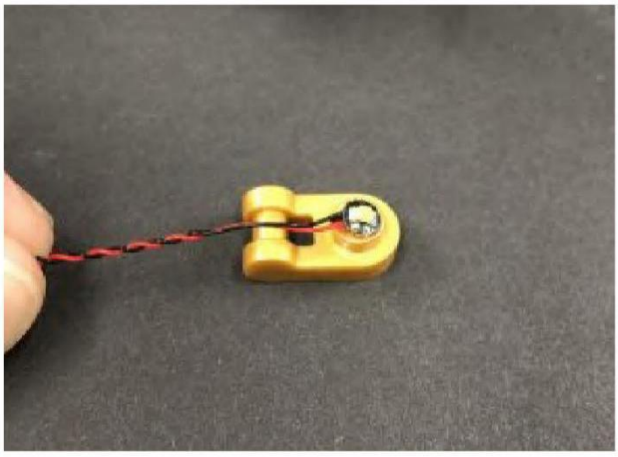
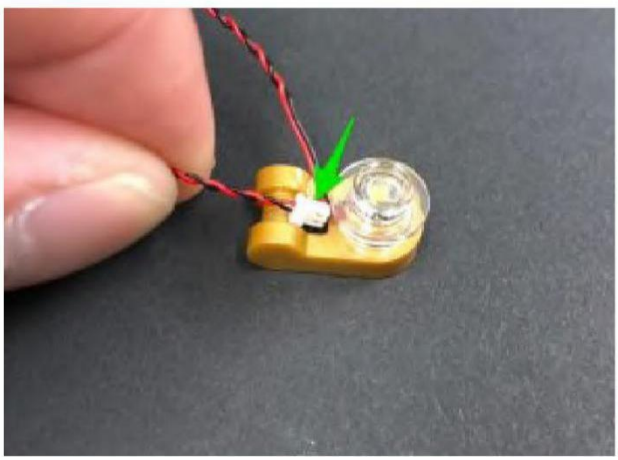
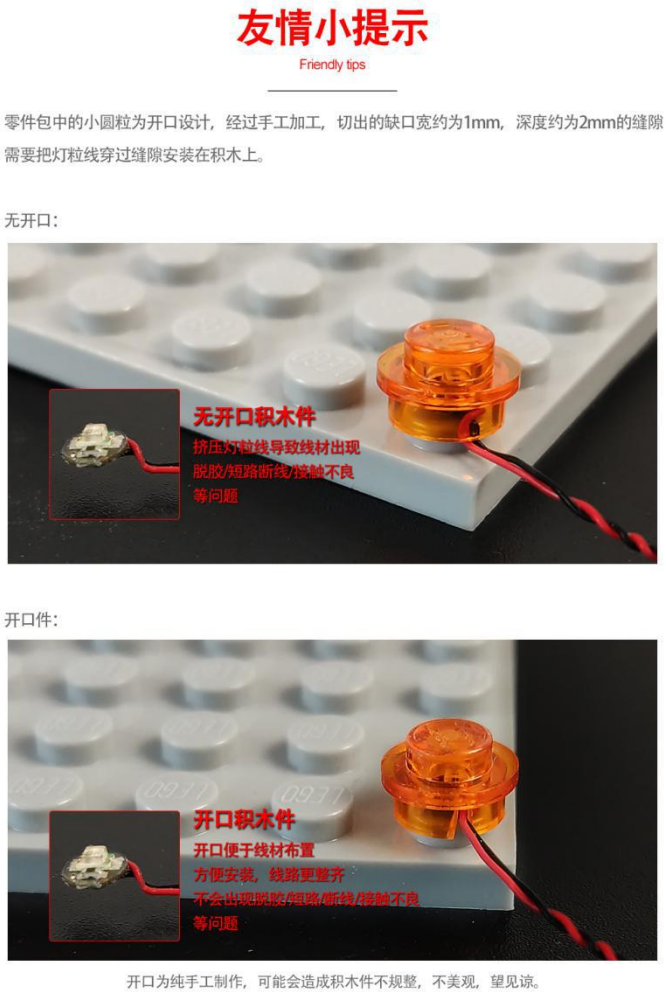
14.) Split the diagram into parts. Take a white 15cm lamp pellet with the connecting wire facing the bayonet, install the lamp pellet on the stud, and fix it with a transparent 1x1 round piece







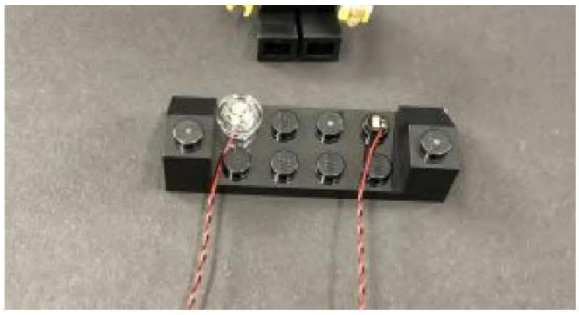
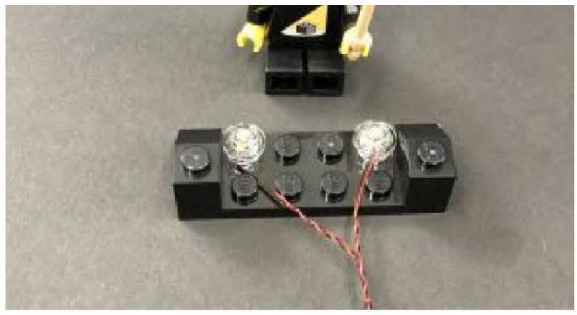



Pass the cable through the bayonet and pull it out from below. Put the part with the lamp pellets back on the black building block, and then put the whole part back on the front of the train.


Make sure that the connecting wire is placed between the studs, and then put the upper decorative part back.

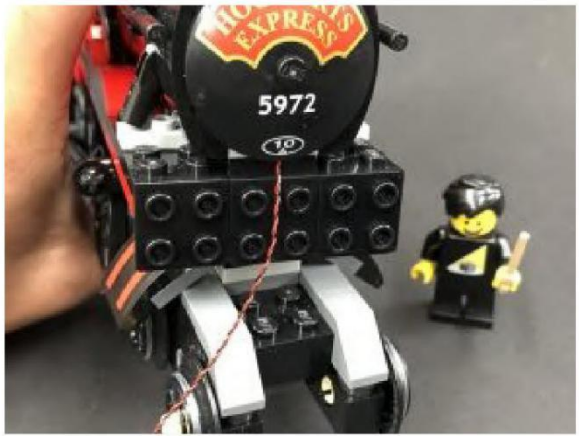

15.) Split the part as shown.


Take a white 15cm lamp pellet and install it on the stud shown in the figure. And use a transparent 1x1 round piece to fix it. Repeat this step, and then install a 15cm white lamp pellet to the following stud, and also fix it with a transparent round piece

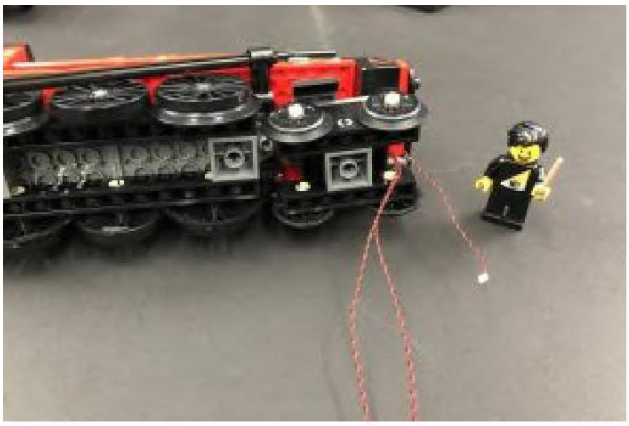
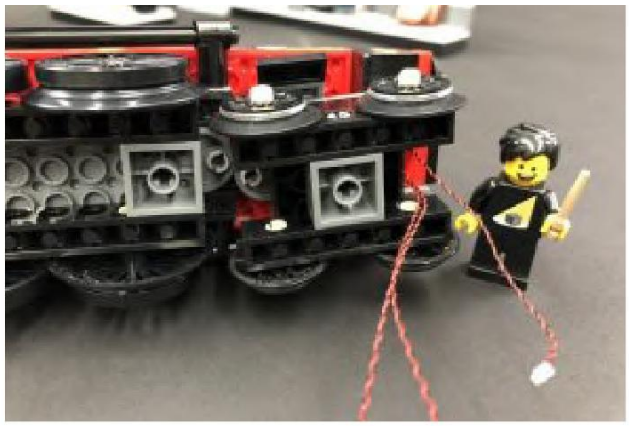
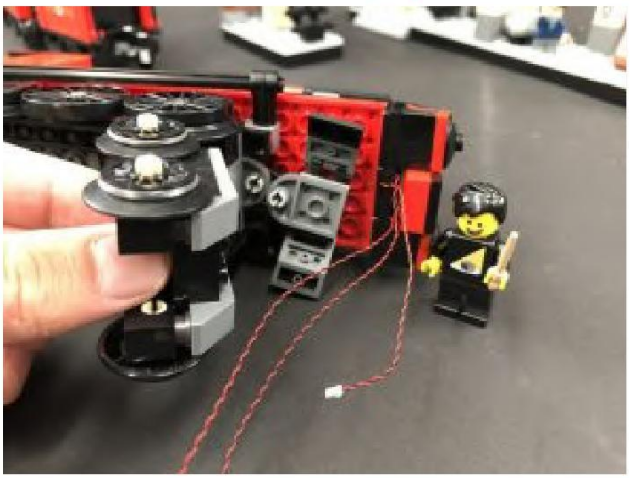
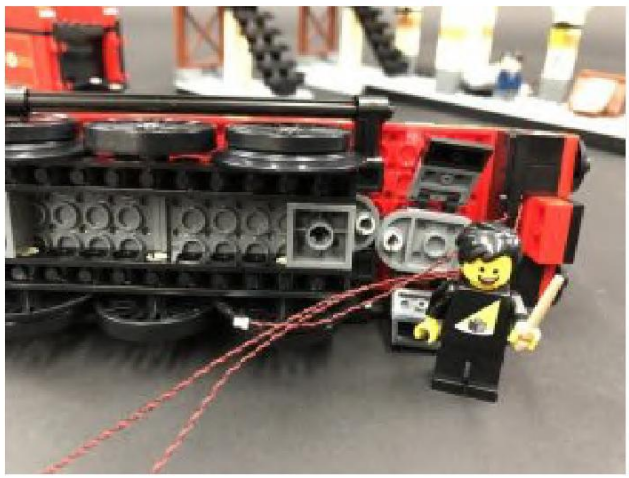



Make sure that the connecting wire is placed between the studs and replace the other parts that were previously split. Then load this part back to the train

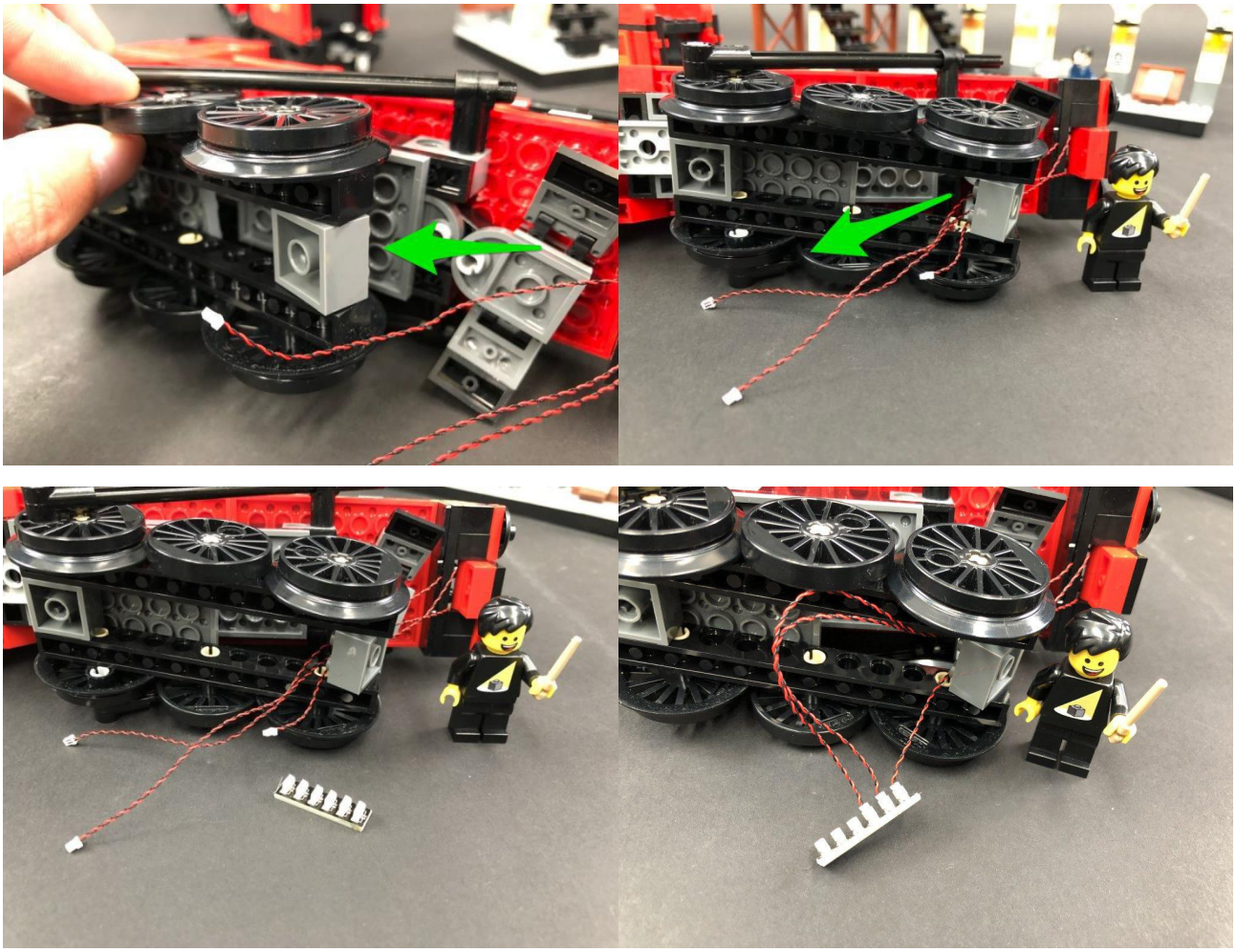




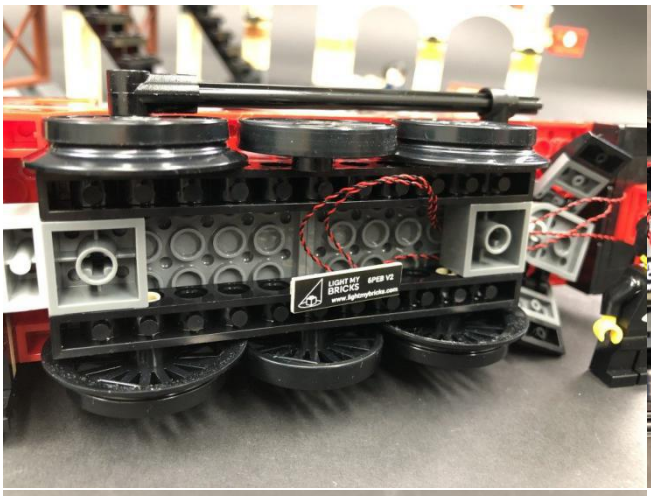
16.) Turn the train to the side and remove the two parts shown in the figure.

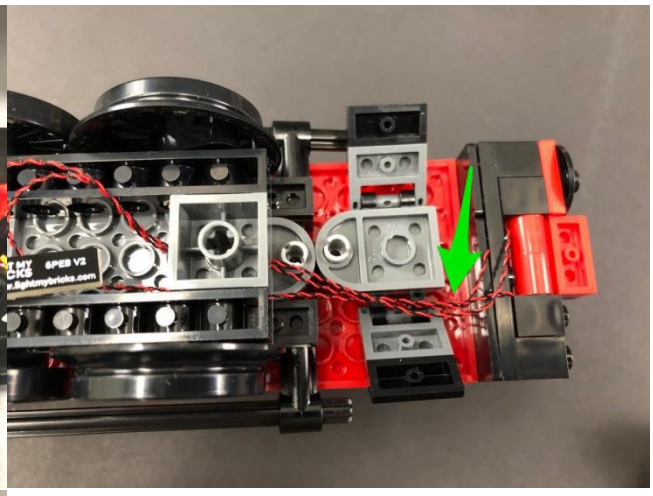





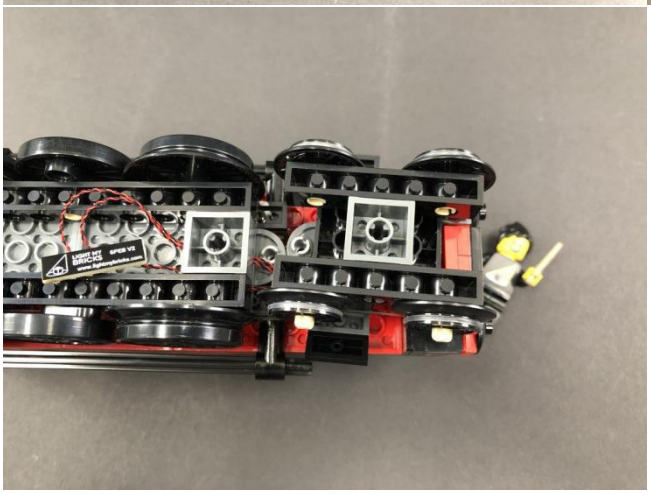

Pass the 3 light chip connecting wires through the gap shown in the figure, and insert them into 6 sockets.



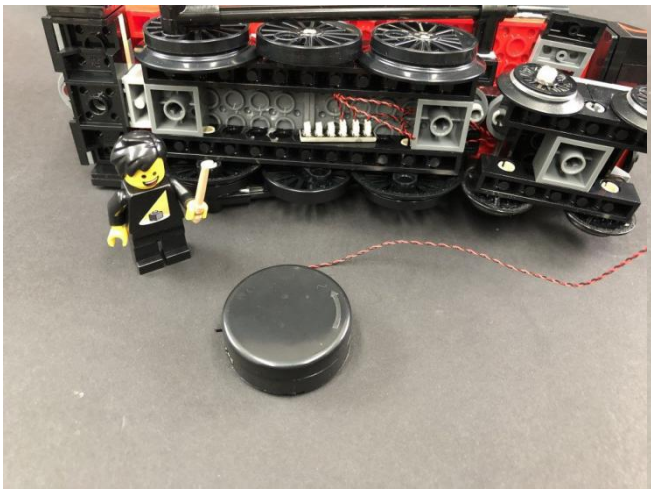
17.) Put the two previously removed parts back under the train. Make sure the connecting wire is placed between the studs

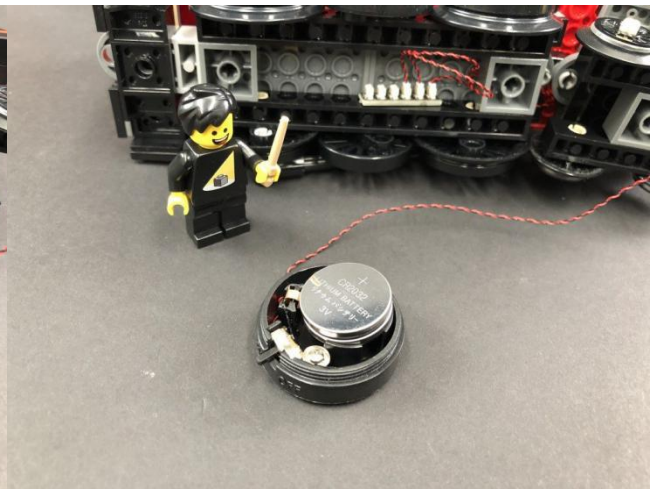


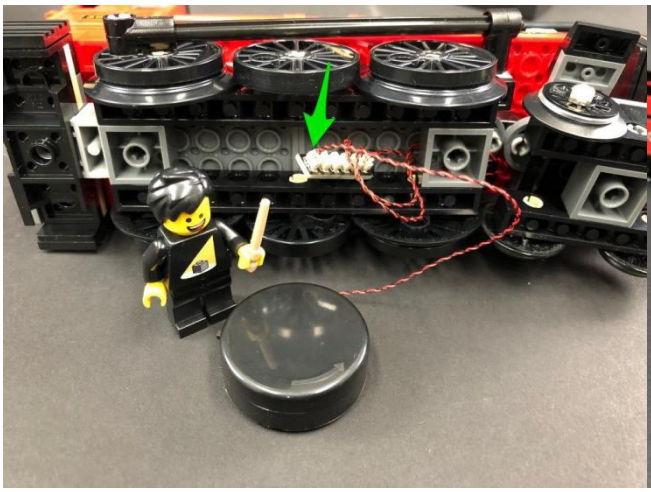




Take the round button battery box and install the battery. Insert the battery box cable into 6 sockets, turn on the power switch, and test the lighting circuit.

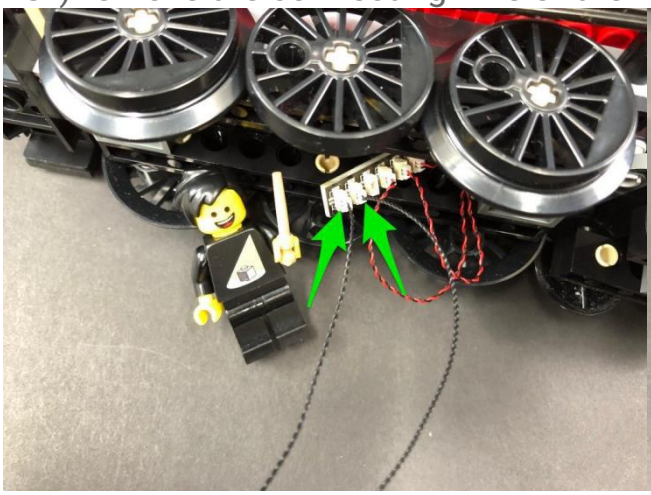
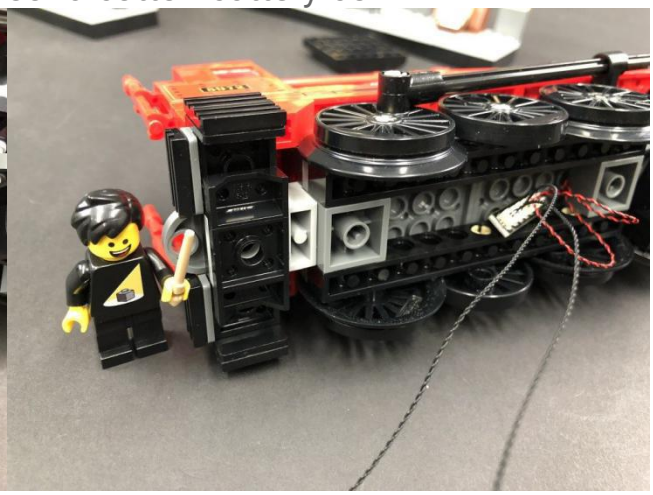




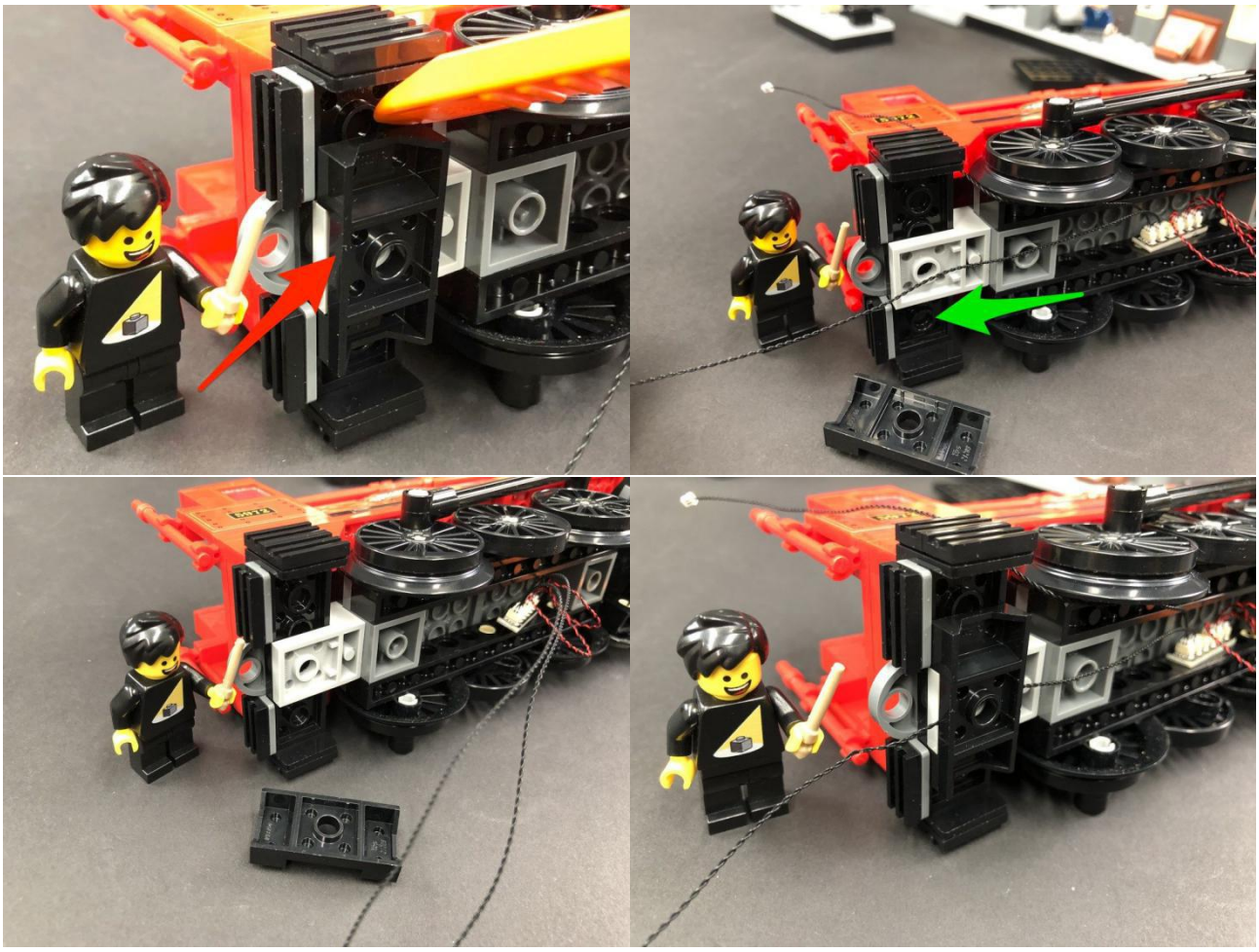



Note: If the lamp pellet does not light up, you can change the socket to find out whether the problem is on the lamp pellet or the socket. If there is a problem with the socket, please read the online troubleshooting guide

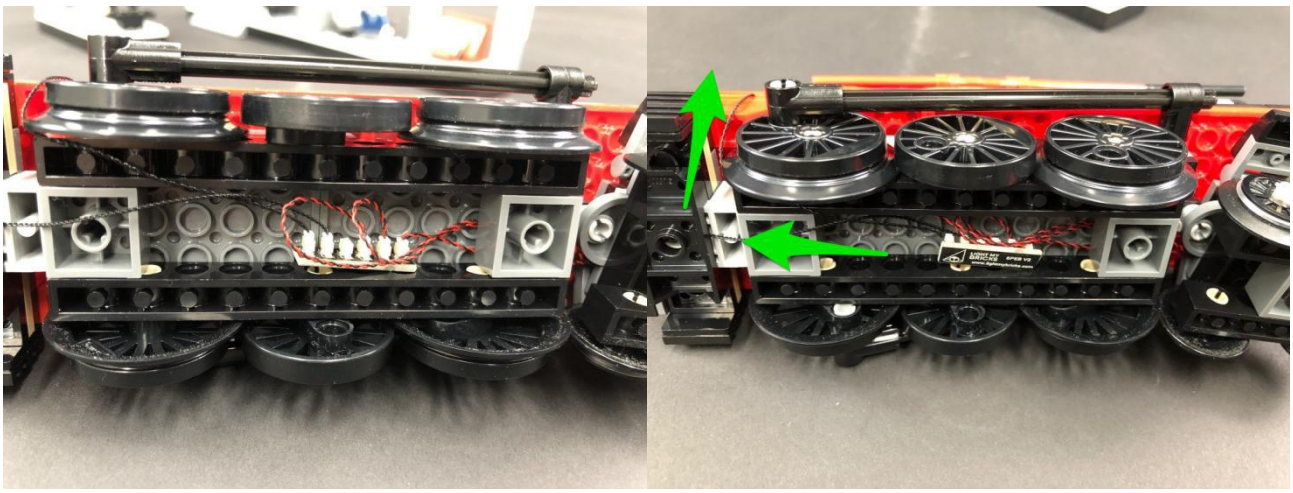
18.)Remove the connecting wire of the round button battery box

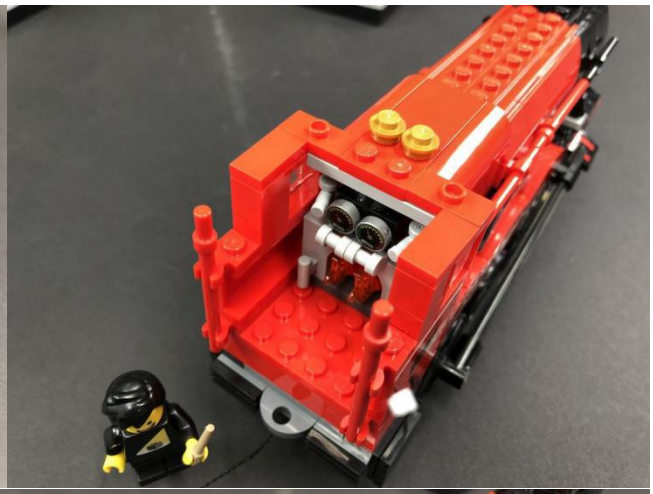
Use a lifter to remove the blocks shown in the figure from the rear of the train, and then pull one of the 15cm connecting wires to the rear. After making sure that the connecting wire is placed between the studs, fix the connecting wire with black blocks.

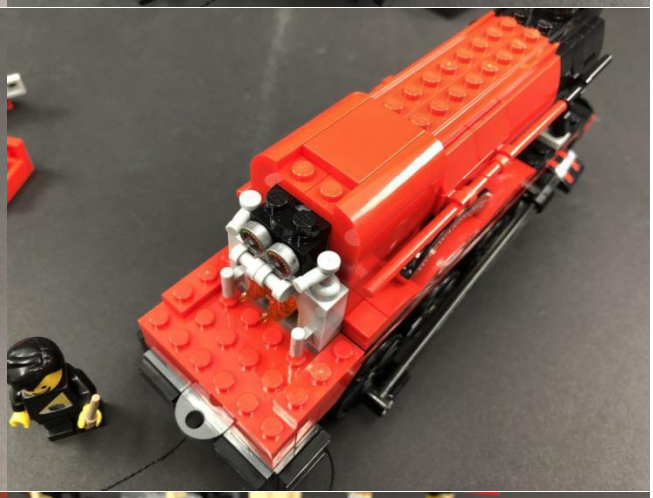


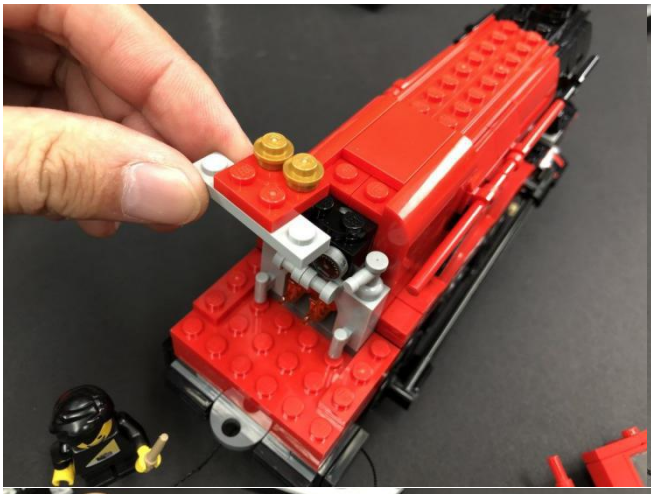
After pulling the excess connecting wires together, fold them up as shown. Pull the other 15cm cable backwards and upwards on the left side

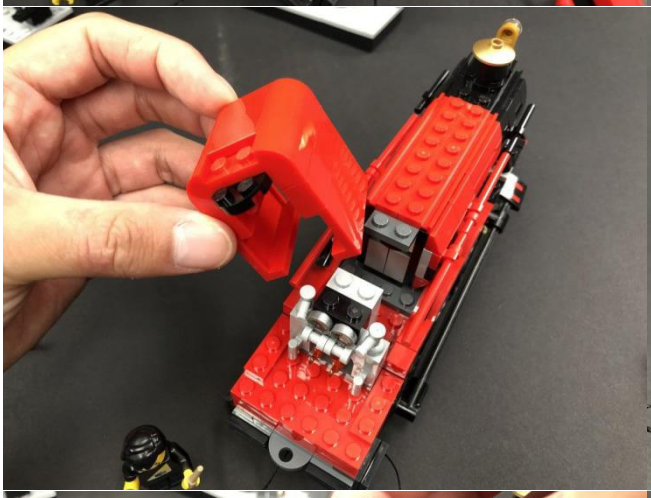
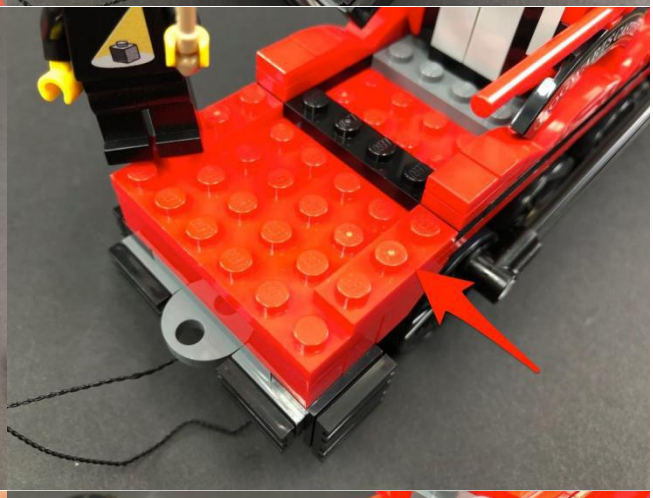


19.) Turn the train over and remove the part shown in the figure from the back

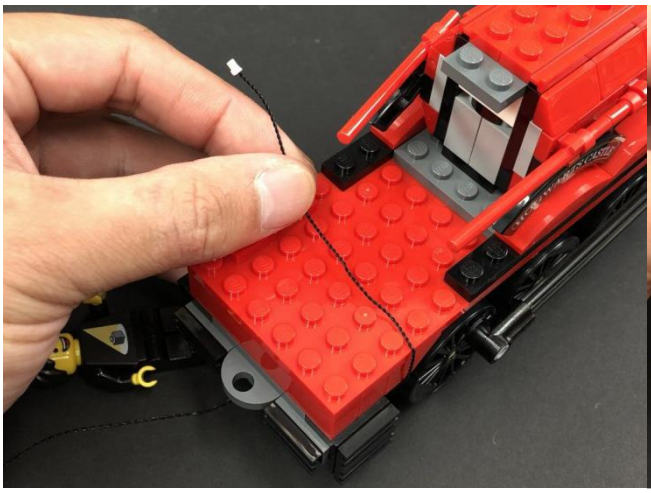



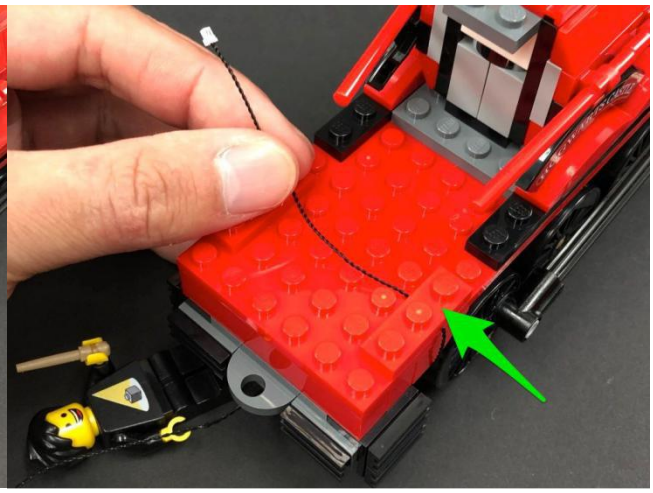




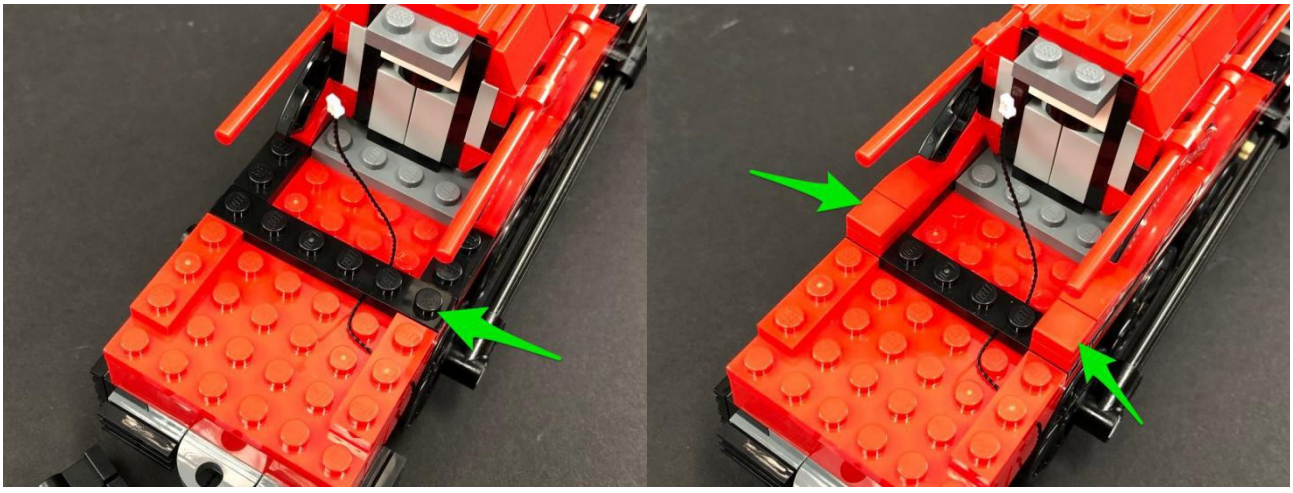



Place the 15cm connecting wire on the left side between the studs, and install a red 1x3 block on the top

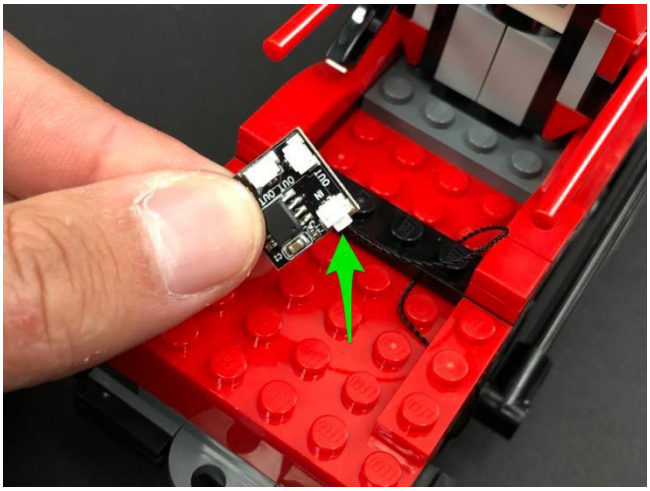




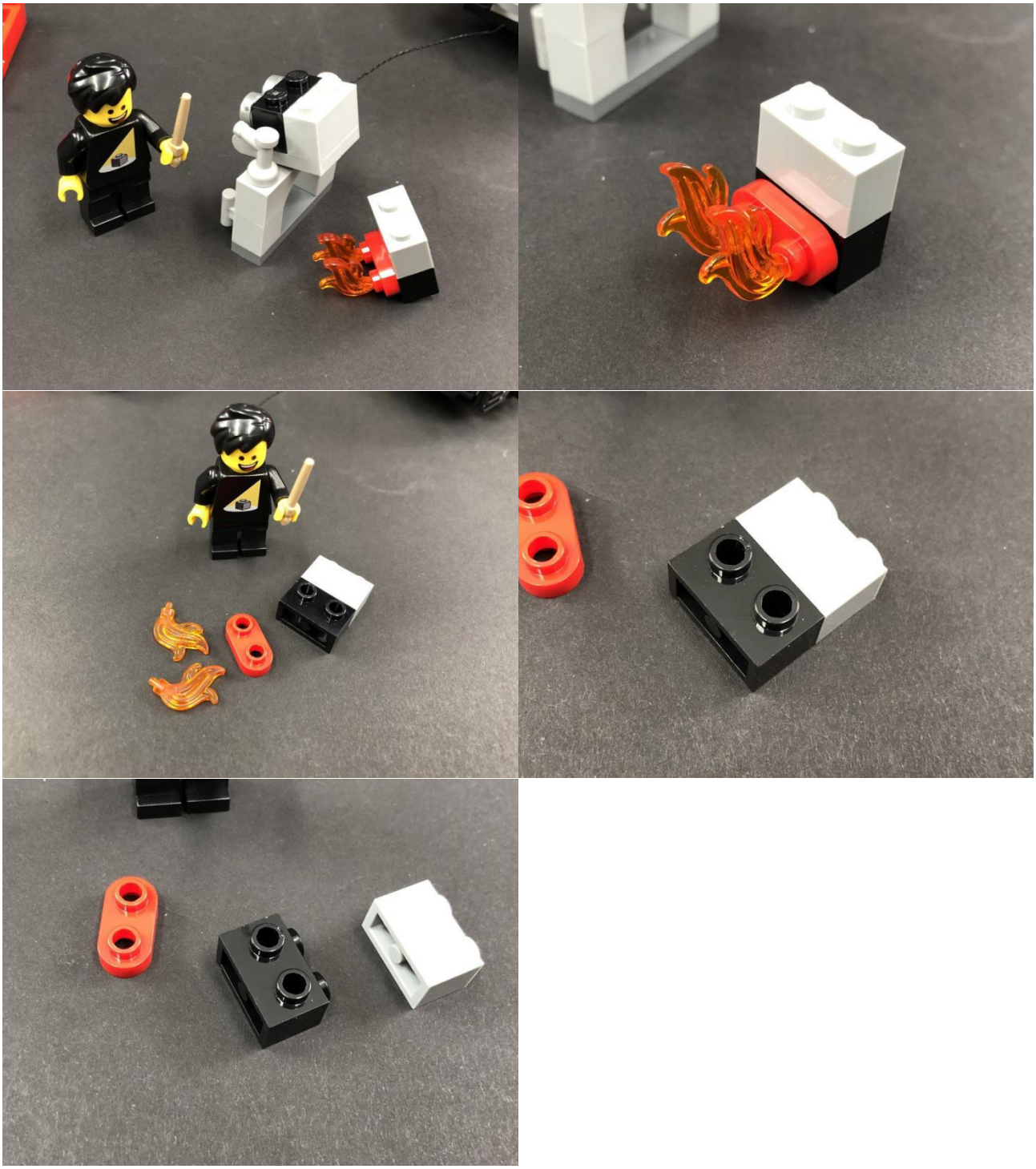
Place the connecting wire between the studs and fix it under the black and red building boards, as shown in the figure:



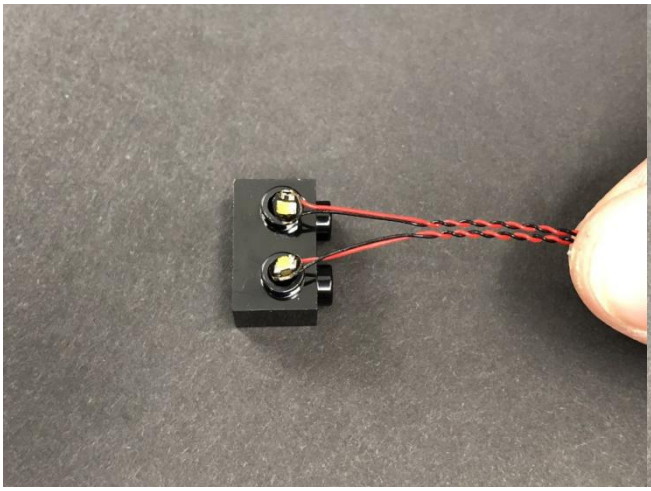
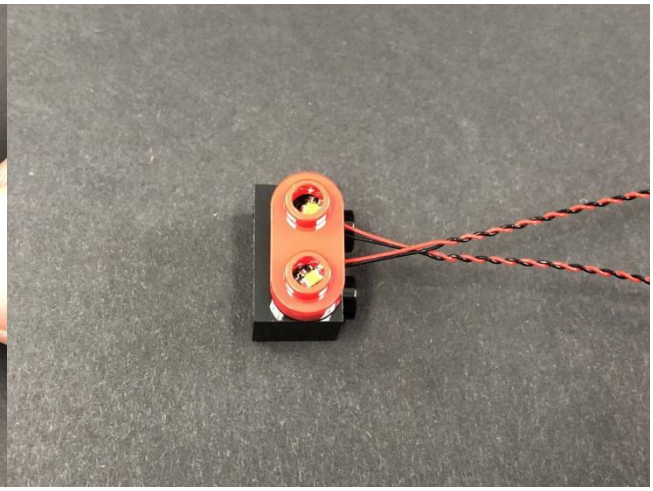
20.) Insert the 15cm cable into the input port of the flame lamp module



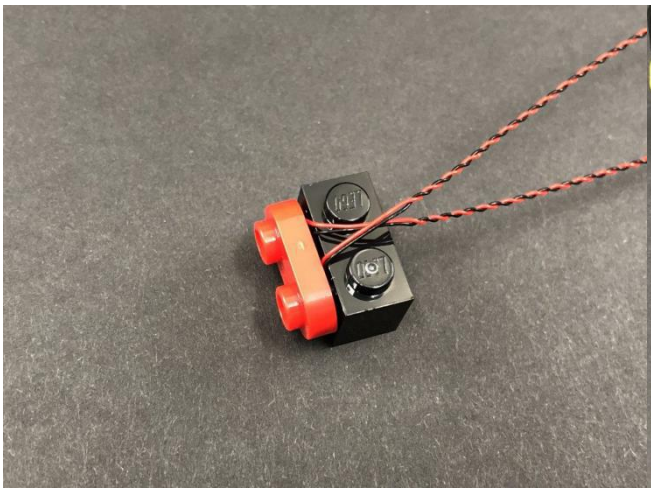
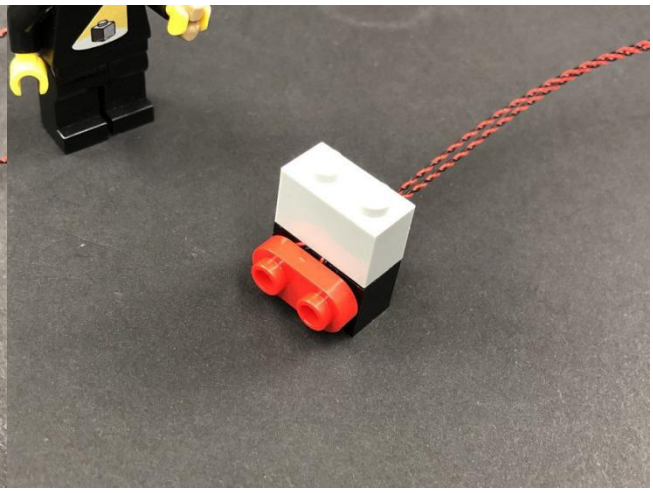
Take the following part and remove the building block T shown on the back
Split this part as shown



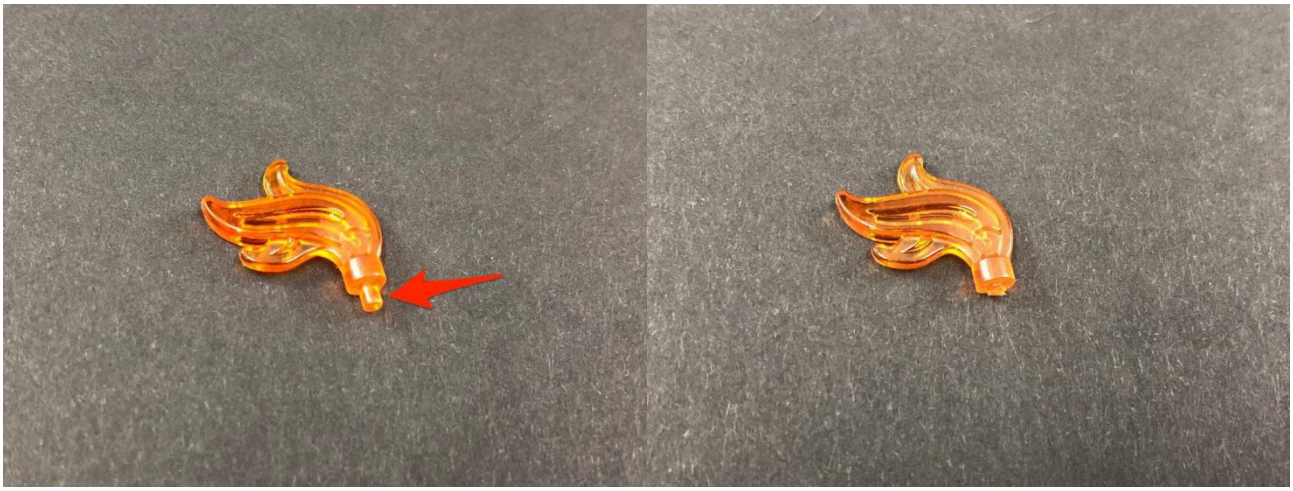
21.) Take 2 white 15cm lamp pellets, install them on the two studs as shown in the figure, and pull out their connecting wires upward, and then fix the lamp pellets with a red building block

Install the light gray building block on the black building block, making sure that the connecting line is placed between the studs. Then put this part back into the steam control room

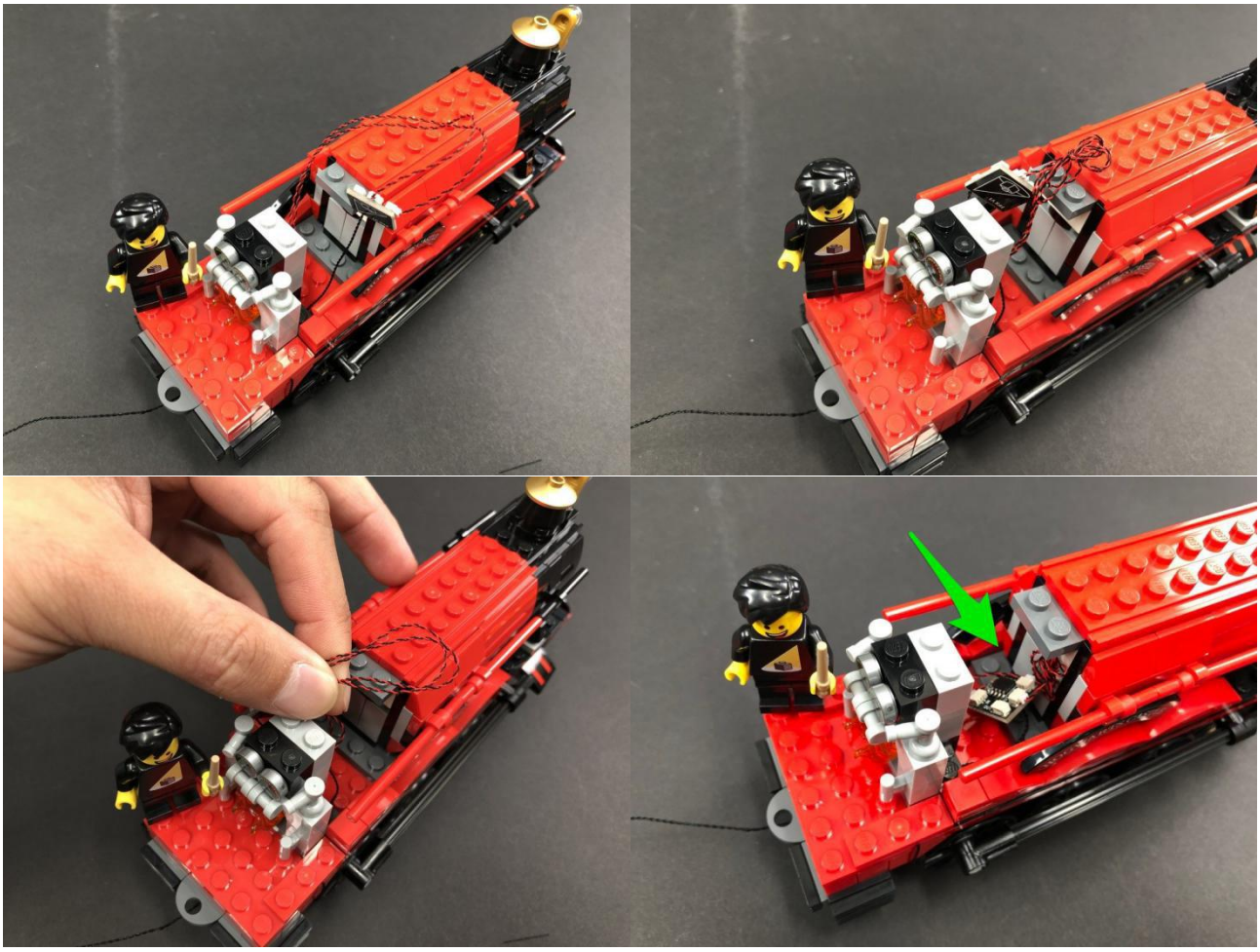




22.) Take the flame block as shown in the figure, and carefully divide it into two parts from the bottom with scissors. Then install the lamp pellets and put it back in place.



Insert the two light chip connecting wires into the output port of the flame lamp module, and then install the steam chamber back to the train

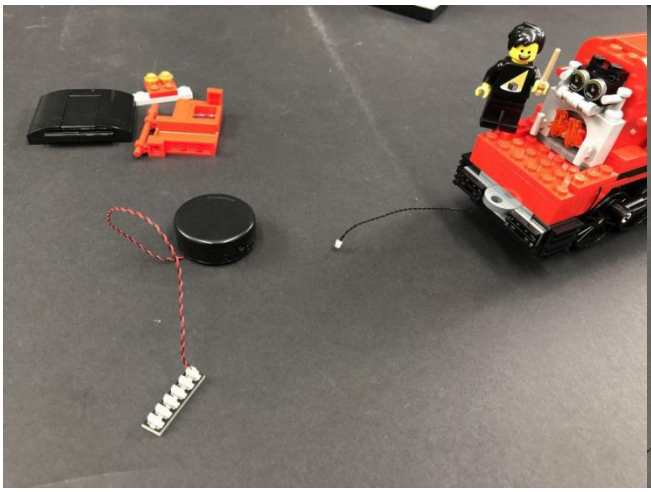
Tie the extra light particle connecting wire and gather it inside the train

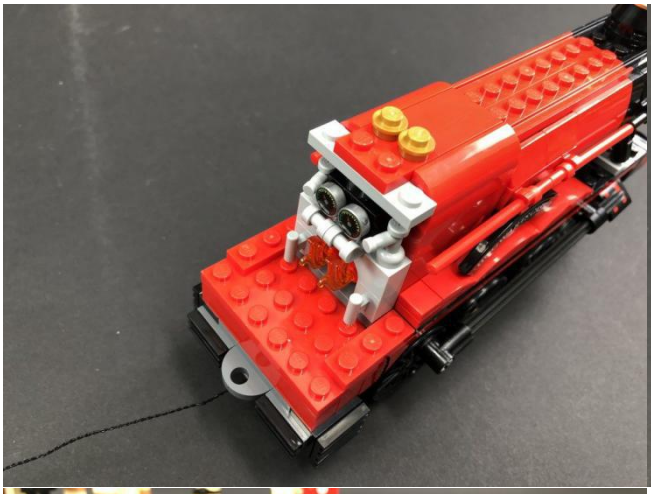
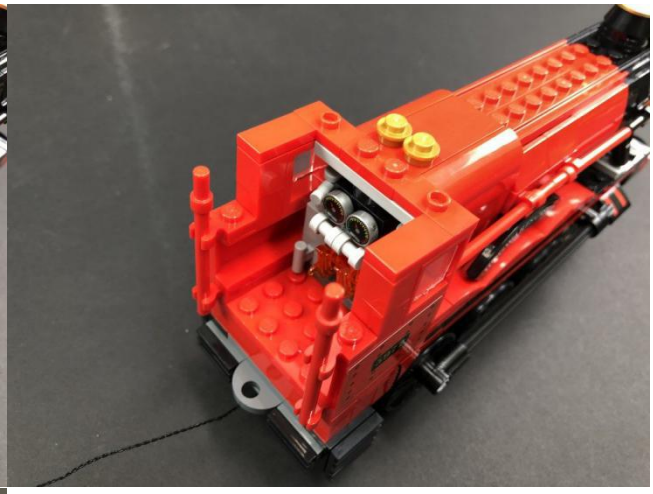


23.) Plug the 15cm cable from the rear of the train into a new 6-seater socket. Connect the round button battery box to the socket, turn on the power switch to test the effect of the flame lamp module and lighting

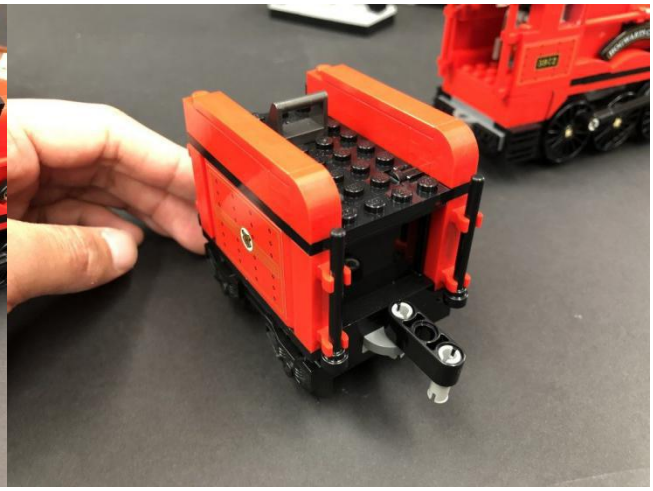
Note: If the lamp pellet does not light up, you can change the socket to find out whether the problem is on the lamp pellet or the socket. If there is a problem with the socket, please read the online troubleshooting guide

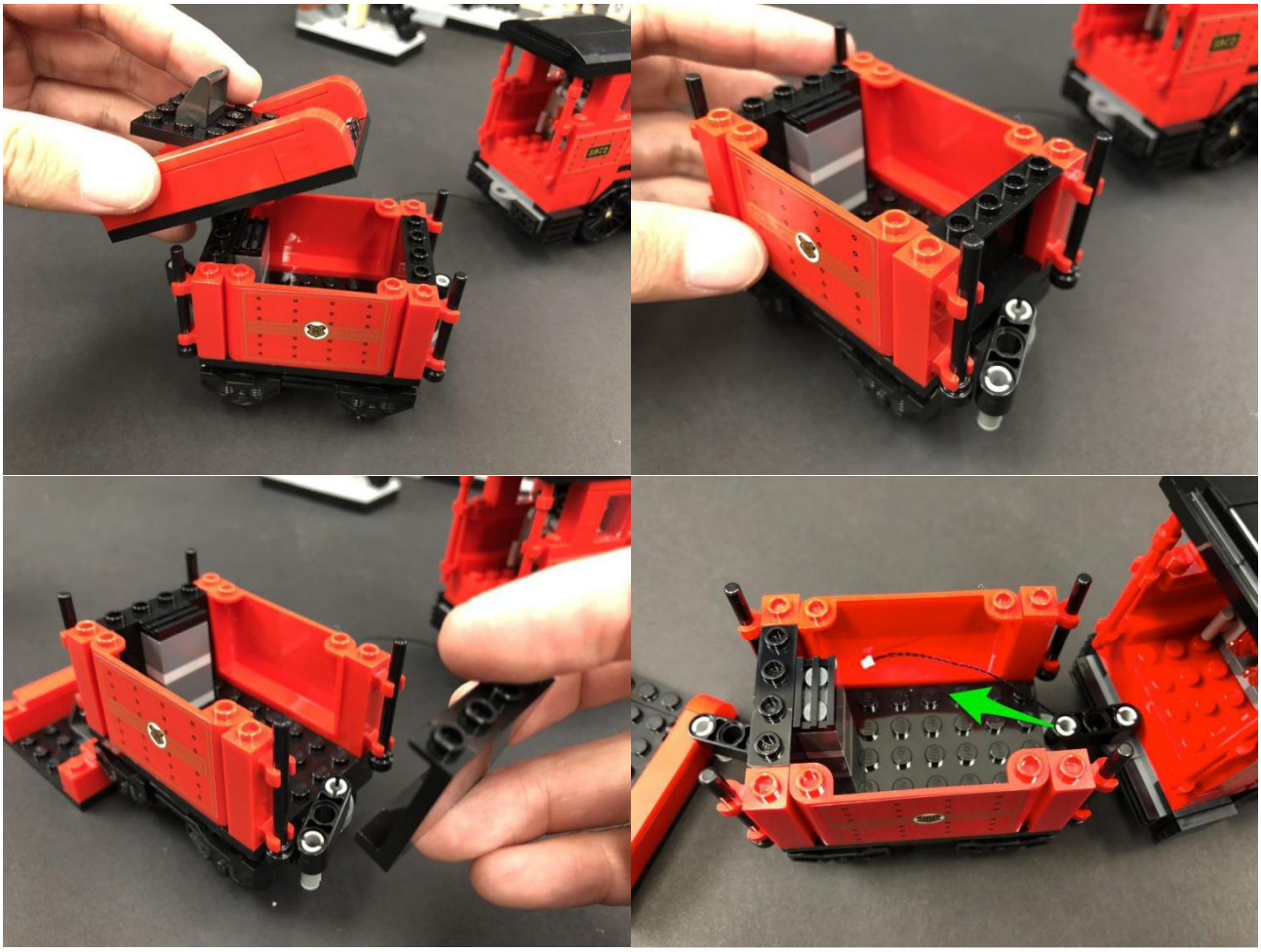
23.) Remove the 15cm cable from the socket, and reinstall the remaining parts



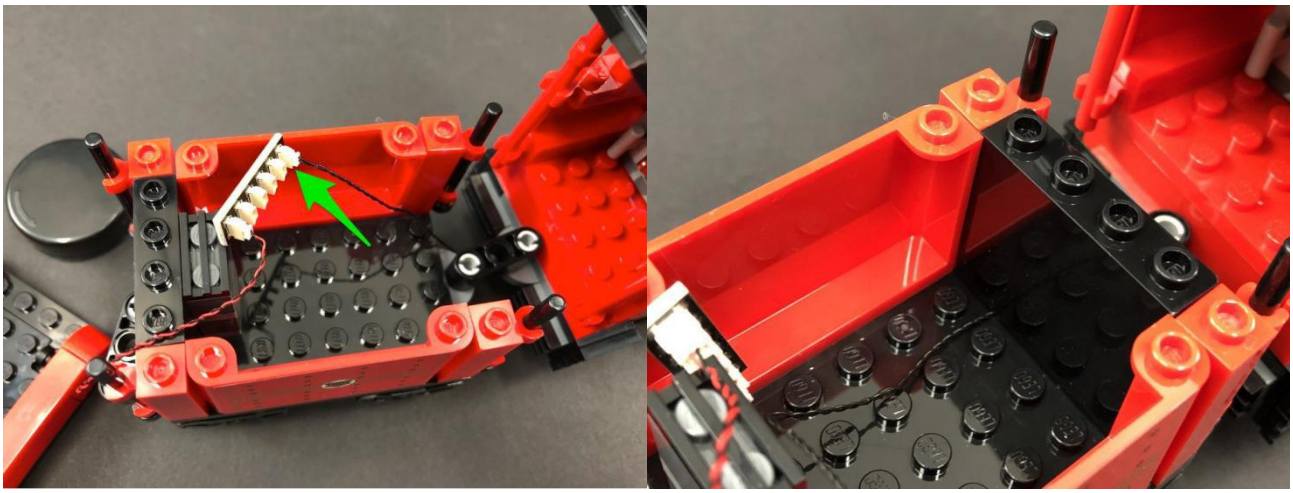




24.) Take off the middle part of the carriage, and remove the top and front walls. Then put the car back into the front of the car and thread the 15cm cable into the interior

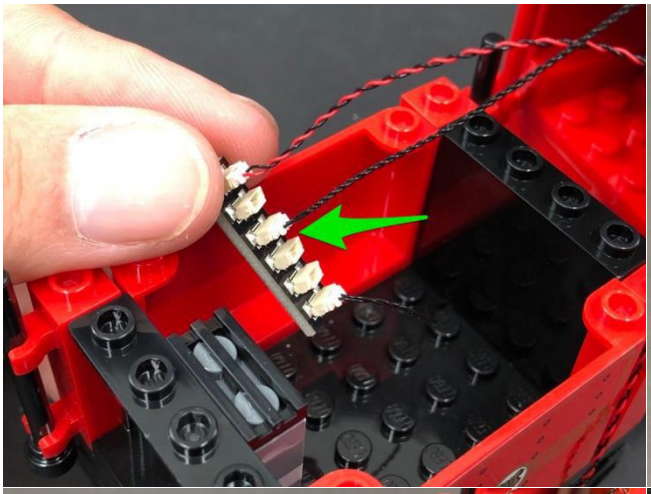
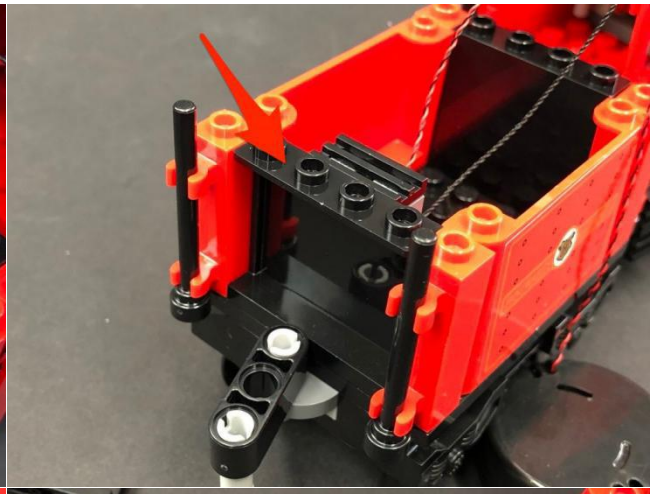



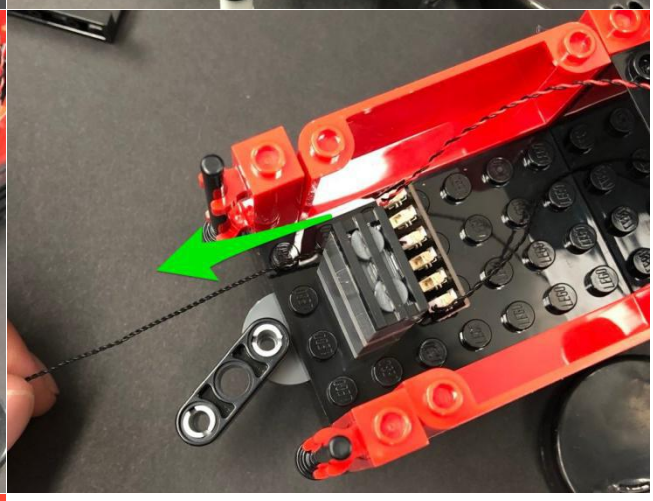
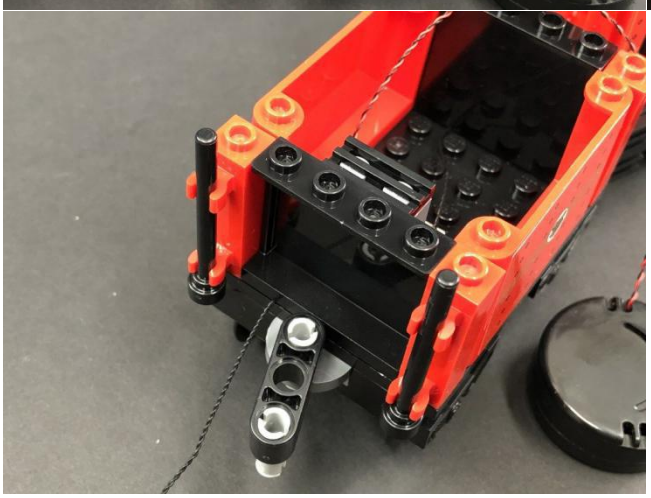


Insert the cable into the 6 sockets, make sure that the cable is placed between the studs, and then install the front wall back t.

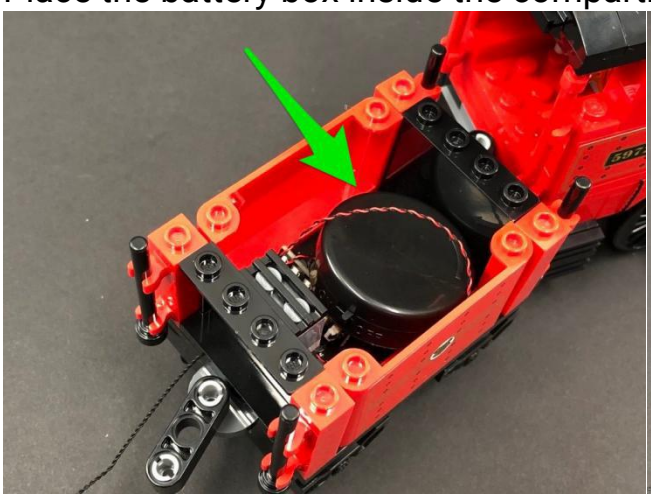


26.) Take another 15cm cable and connect it to 6 sockets. Take off the wall at the rear and pass the connecting line backwards. Make sure the connecting wire is placed between the studs, and then install the wall back

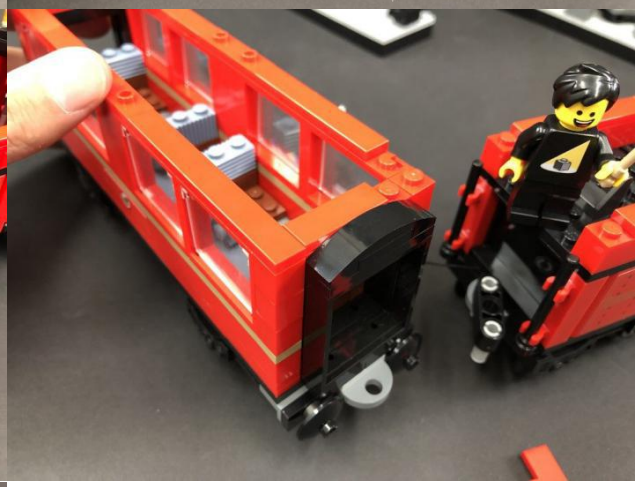



Place the battery box inside the compartment and then put it back on top.

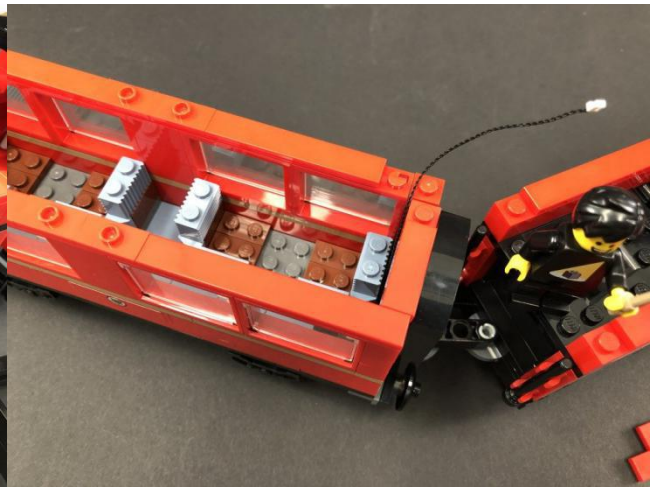



27.) Remove the top of the rear compartment and the building blocks shown in the figure so that we can remove the front wall

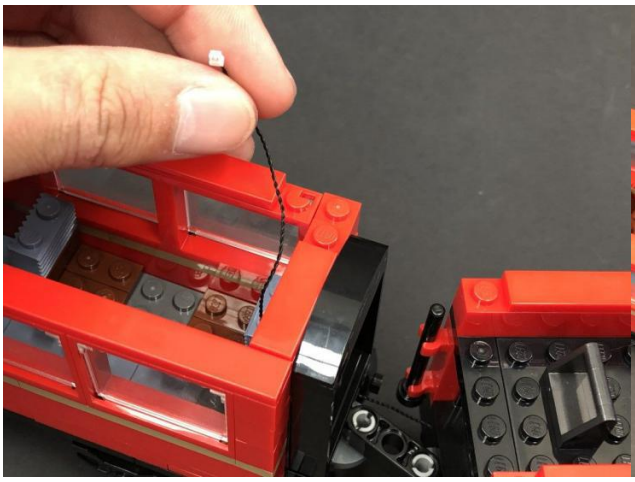
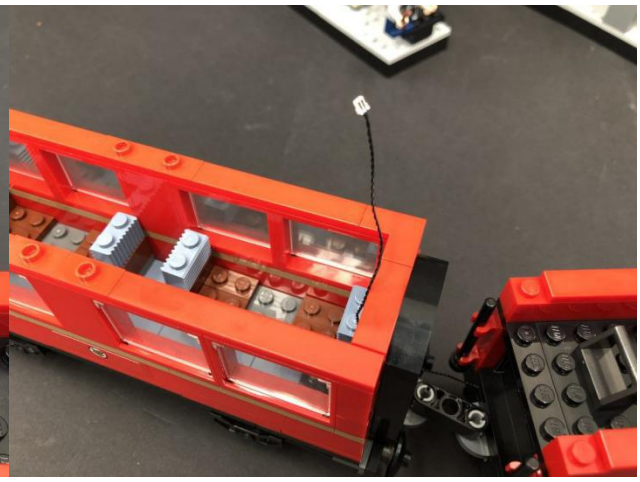



Connect this car and the middle car to everything, and then pull the 15cm connecting line to the last car. Make sure that the connecting wire is placed between the studs, and reinstall the front wall

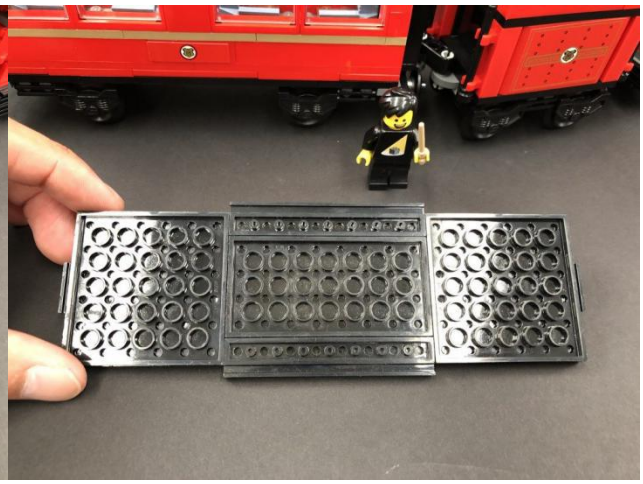



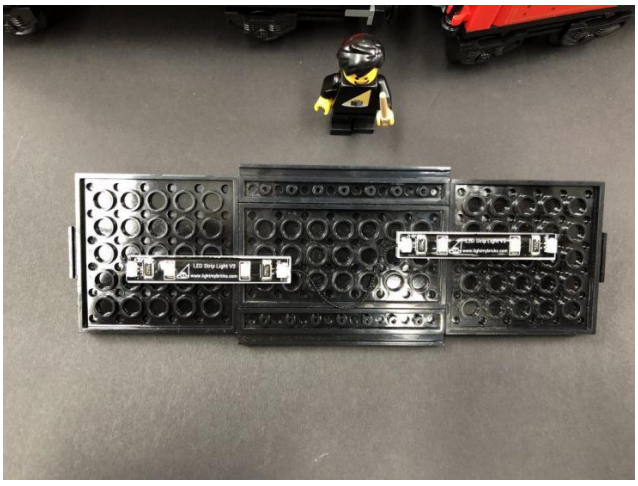
Tuck the connecting line between the blue building block as shown in the figure and the front wall, and then reinstall the previously removed building tiles

28.) Take 2 white light bars, glue them to 2 1x6 building boards, and connect them together with a 5cm connecting wire


Install these two light bars to the position shown on the top





29.) Insert the 15cm cable into the light bar, then put it back on the top

Turn on the power switch to test the effect of the cabin lighting

The above is the installation process of this lighting set. Turn on the power switch and enjoy it!