

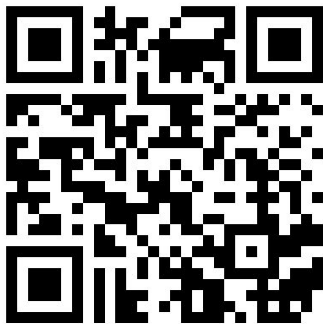


2008-2017 Mitsubishi EVO X Multi-Color LED Boards (Vland Headlights) Setup Guide

WHAT'S INCLUDED

- 2 X Lit Lightz EVO X Multi-Color LED Boards
- 1 X Driver + Bluetooth Controller

VIDEO INSTALLATION



(Scan QR Code)

HOW-TO MOUNT THE LED BOARDS



(Scan QR Code)

Please note, each board will say L1, L2 and R1, R2. Make sure when installing your kit, you're putting in the correct board for each side.

BLUETOOTH SETUP

Our updated version includes the Bluetooth controller inside the driver.

1. Download the LED Hue app on the Play Store or the App Store.
2. Open the app and let it scan for available devices.
3. Search for "EVOX" or "SP110E"
4. Click on the name and wait for the app to establish the connection.
5. Set the settings to the following:
GRB SK6812_RGBW
Pixels: 10-20



INFORMATION

1. Before opening your headlights, connect each LED board to one of the driver's connections and connect the Bluetooth controller to the smallest connector on the driver. With a 12V power source, thoroughly test your kit and make sure everything is working correctly. PLEASE make sure you have the correct settings on the controller. If you do not, the colors will be off.
2. You cannot change the colors of the boomerangs while the Daytime Running Lights (DRL) are on. You must first turn off the DRL and then go to the app and change the color.





3. Please note, the turn signal mode is optional and does not have to be used. If you decided not to use the boomerang turn signal, please add electrical tape on each end of the yellow wires located on the driver.
4. If you choose to use the optional boomerang turn signals, keep in mind you will see a delay of 10 seconds when performing the switchback function.

WARNINGS

1. The Color Changing Bluetooth Controller and driver are NOT waterproof. When installing your kit, place both the controller and driver in a dry area around your engine bay. Water damage to the controller and the driver will void the warranty.
2. Cutting, splicing, or any other tampering with the LED boards will void the warranty.
3. Adding your own wires to the Bluetooth Controller and driver will void the warranty.
4. Adding any other Bluetooth or RF controllers besides the one provided with this kit will void the warranty.
5. If you have a degrading/weak battery, please replace your battery before installing your kit.
6. Do NOT touch the LEDs on the boards.

DISCLAIMER

Please refer to local and state laws for the proper use of this product. Improper installation of electrical products such as lighting could cause damage to a vehicle's electrical system or connected devices. Practice extreme caution and follow all established safety procedures and common-sense best practices. This product could require the handling of high voltage wiring. Electricity could cause injury or death. Professional installation is recommended. Lit Lightz will not be held responsible for any damage or cost, whether direct or indirect, incurred by the consumer concerning any Lit Lightz Product..

In some cases, Lit Lightz products may not meet your local law enforcement regulations. All Lit Lightz modifications and installations are at the customer's discretion. Lit Lightz or www.litlightz.com hold NO responsibility either implied or otherwise for mechanical, electrical, or other failures when using our products. Some items sold are solely for off-road use only. They may be illegal in various states and provinces. By purchasing Lit Lightz products, the customer takes full responsibility for any use and misuse of the product and agrees that Lit Lightz or www.litlightz.com holds no liability for any consequences, legal, or other, of such use or misuse. Lit Lightz reserves the right to alter or amend any portion of the disclaimer, as mentioned above.



OPENING THE HEADLIGHTS

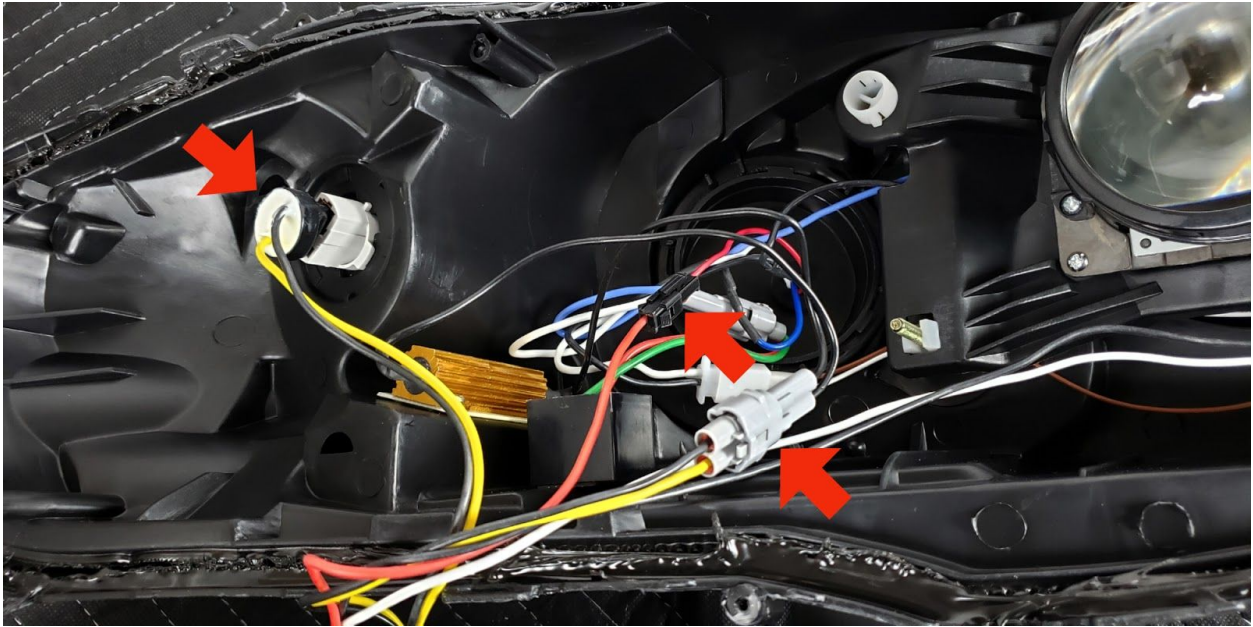
1. Start by removing the four screws on the front side of the headlight
2. Preheat your oven to 225 degrees once the oven is ready, place one headlight at a time. Do NOT place headlight on a metal sheet.
3. Set your timer for 10 mins.
4. Once the time is up, carefully start to pull the headlight lens apart. Make sure you slightly bend the tabs holding the lense. Remove any staples located on the side of the headlight.
5. By now, you should have the lens pull from the housing. .

INSTALLING THE LED BOARDS

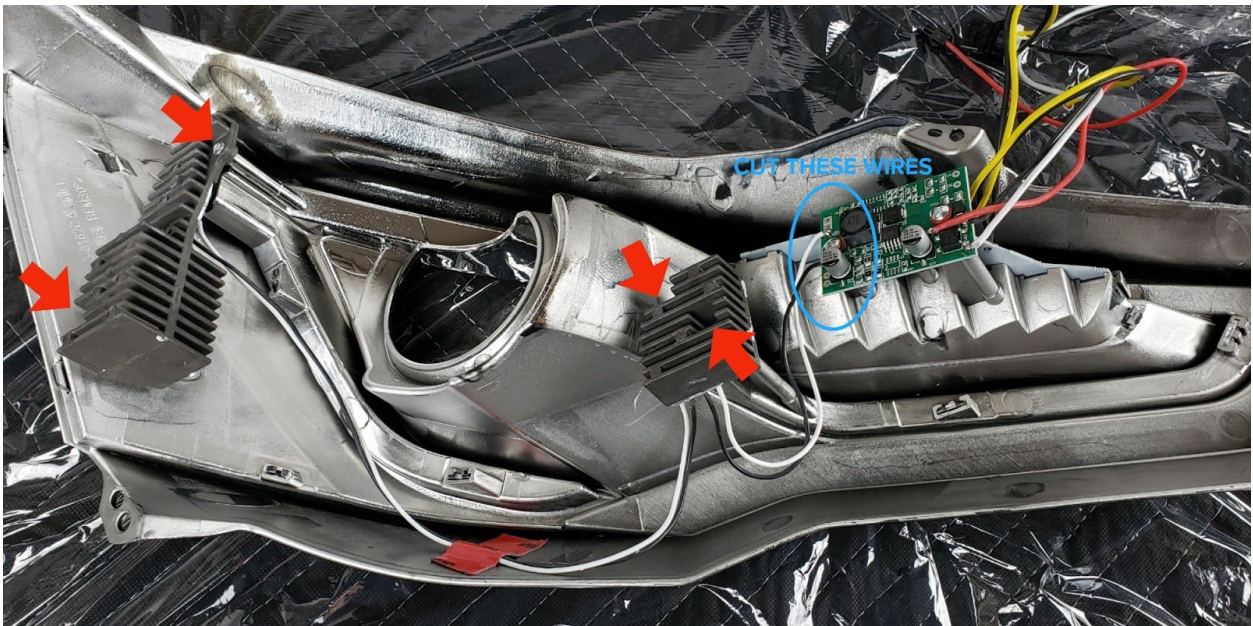
1. As shown in the picture below, remove each screw from the front of the housing.



2. Once you have removed the screws, you will see the following connectors. Please disconnect each connection. Picture below for reference.



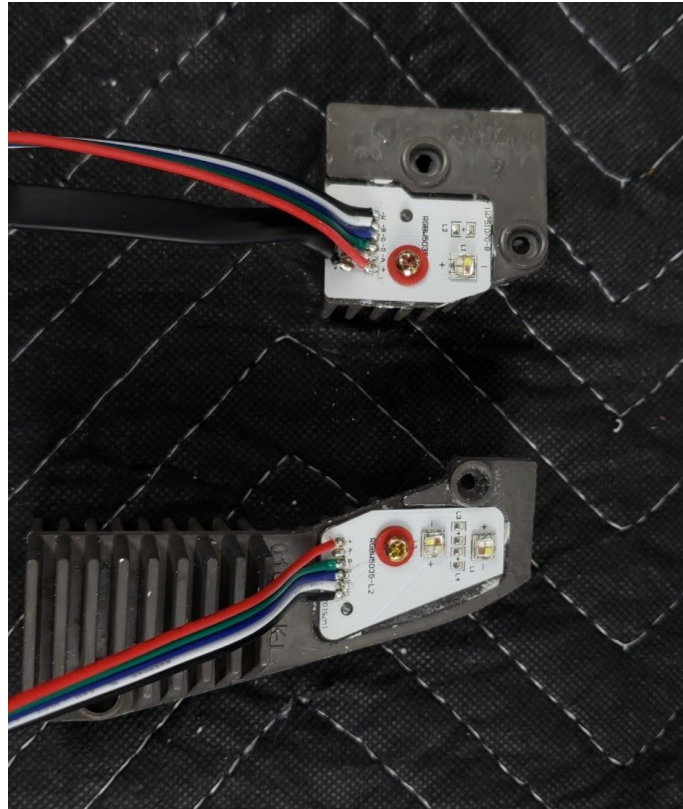
3. Once you have the connectors unplugged, remove the screws and cut the wires as shown in the picture below.



4. The grey heat sink will have the OEM boards. To remove the factory boards you will need to heat up the glue holding them (use a heat gun). Using a small flathead or anything else you can use to wedge in between the board and glue.



5. Once you have the factory board remove from the heat sink, scrape off any remaining glue from the heat sink. Repeat this process for the smaller heat sink.
6. Each Lit Lightz board will come label either Driver Side or Passenger Side. Match each board to the correct side. The same goes for the heat sink size. Although not needed but recommended, before adding the board to the heat sink, you may use a thermal paste or thermal epoxy on the surface of the heat sink, this will help with heat dissipation.
7. By now each board should be mounted on each heat sink. Picture below for reference.



8. Screw each heat sink back to their original spot. You may use the factory 3M tape to hold down the wire that connects both boards.
9. Connect all the connections you disconnected in the beginning.
10. Repeat this process for each headlight.

