



## Lit Lightz 2013-2016 Subaru BRZ RGBW DRL LED Board Installation Guide

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### **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. 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.

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### OPENING THE HEADLIGHTS

1. Preheat your oven at 220 degrees
2. Remove any screws located on the back of the headlight
3. Place one headlight at a time inside the oven (Do not place on top of a metal sheet)
4. Set timer for 10 mins
5. Once the time is up, carefully remove the headlight from the oven.
6. Carefully start to pull apart, make sure you slightly bend the tabs holding the lens.

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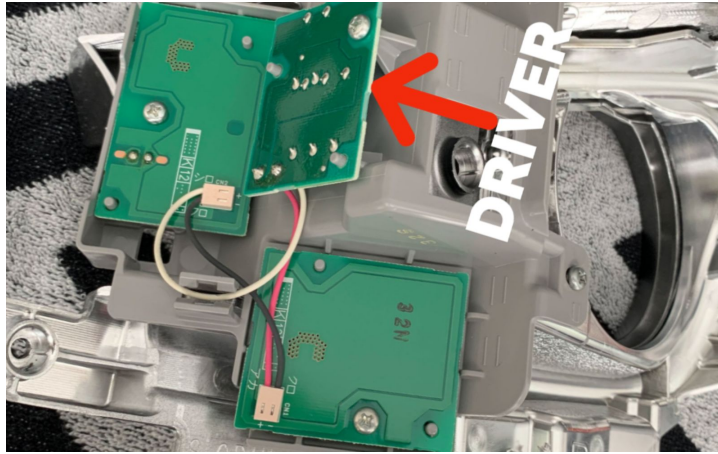
### REMOVING THE CHROME HOUSING

1. Remove the screws holding the chrome housing (picture below)
2. Pull the chrome housing away from the headlamp and unclip the factory connector.

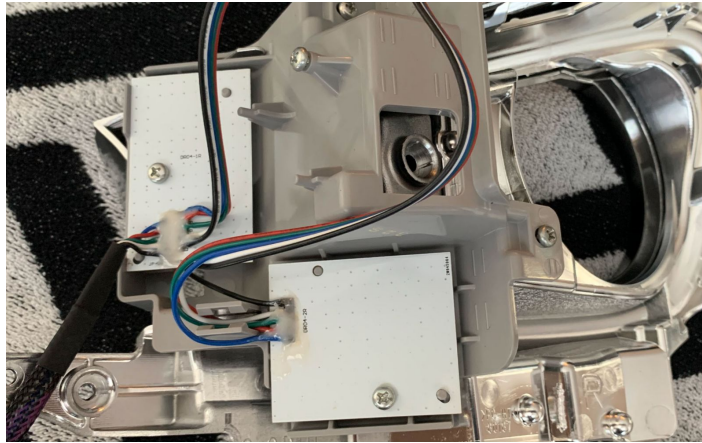


### ADDING YOUR NEW RGBW LED BOARD

1. Remove the screws holding the factory boards and factory driver in place and pull off each panel to remove.



2. Using the same alignment notches, install your new LED boards. Match each board to the correct side. You will no longer be using the factory driver. You can add the screw for the driver back to its original spot (picture below)
3. Add the original screws to secure the boards



4. Reinstall the chrome housing back in its original spot.
5. Once complete, replace the headlamp lens and repeat it for the other headlamp.

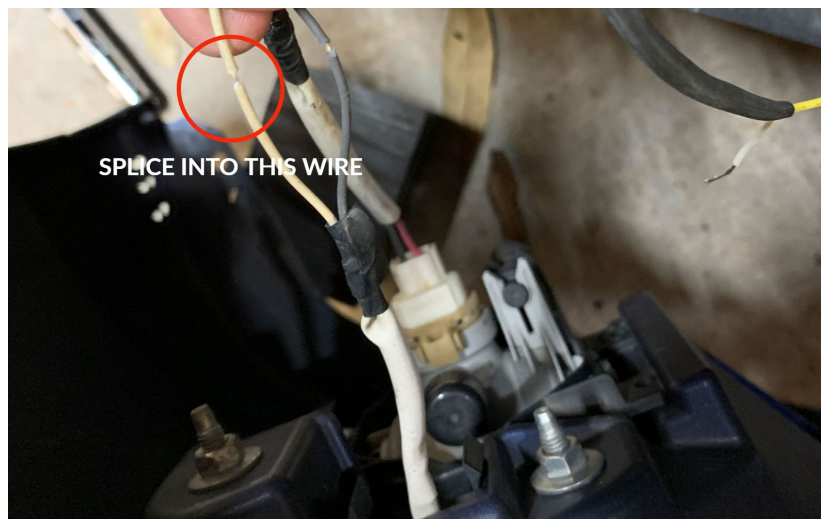


### CONNECTING TO THE DRIVER

1. Before sealing the headlights, test your kit to make sure everything is working properly.
2. Each board will connect to one of the connectors on the driver, the smallest connection will be for the Bluetooth controller.
3. With a 12V power source (you can use your car battery) properly connect your power and ground terminals. Test thoroughly and make sure all colors are working.
4. Make sure you have the correct settings on the app, please refer to the setup guide page received with your kit.

### CONNECTING THE DRL WIRE

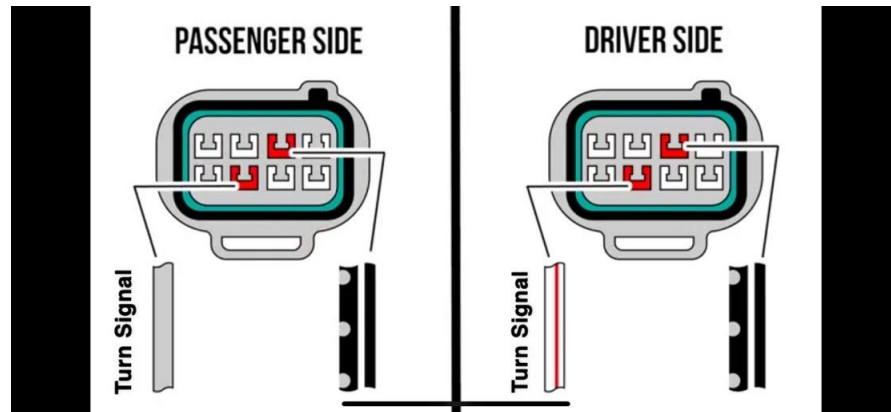
1. Locate the white/tan wire in the lower DRL bumper area. This wire will be where you will be splicing the white wire from the driver (picture below)
2. You can use T-taps or you can hardwire it.
3. The driver will only come with one DRL wire. You only need to splice it on one side only.





### CONNECTING THE OPTIONAL TURN SIGNALS

Our kit gives you the option to use your boomerangs as turn signals. Keep in mind, you will see a delay of 10 seconds when performing the switchback function. The turn signals are added as an extra bonus and are completely optional.



If you wish to use the optional boomerang turn signals, please follow the diagram above Or you can follow the instructions below.

#### SPLICING THE DRIVER SIDE TURN SIGNAL

Locate the white/red wire on the vehicles harness, this is the location where you will splice the driver side

#### SPLICING THE PASSENGER SIDE TURN SIGNAL

Locate the grey wire on the vehicles harness, this is the location where you will splice the passenger side

Please contact Lit Lightz should you have any questions about the installation or wiring process, at [supportt@litlightz.com](mailto:supportt@litlightz.com). Monday - Friday 8a - 5p CST

