

Third Brake Light Pulsar Kit Generic Installation Instructions

This kit allows the owner of the any vehicle to create a blinking effect from the third brake light assembly. The kit places a small circuit board assembly into the wires that feed the power and ground to the third brake light. This assembly creates a four or six blink pulse to the LED third brake light. This blinking effect alerts cars behind that you are braking. This blinking is configurable and the unit also allows for blinking delay for use in heavy traffic situations.

This assembly is designed for use on any type of third brake light.

The GOMINIGO Third Brake Light Pulsar Kit contains:

Third Brake Light Pulsar Assembly	Installation Instructions
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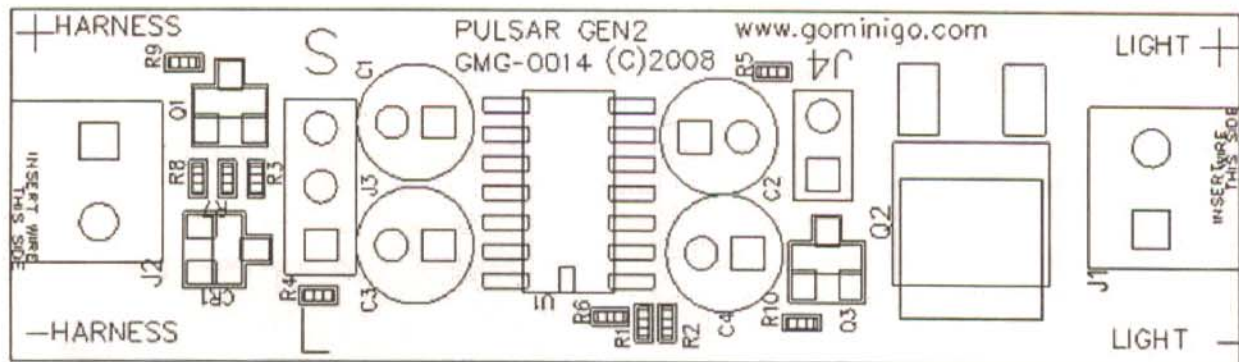
Tools required for installation:

Tools required for 3 rd Brake Light Removal	Wire Strippers
Wire Cutters	Small Straight Slot Screwdriver

General Instructions for Pulsar Configuration

The Pulsar needs to be configured prior to installation and connection of the wiring harness to the Pulsar.

Configuration of the Pulsar



Jumper J4:

When J4 jumper is “installed”, SmartPulse™ mode is **ENABLED**. With SmartPulse™ enabled, the Pulsar will monitor brake press events and will automatically limit repeat flashing when in stop/go traffic conditions.

To **DISABLE** this feature, remove jumper J4. With J4 jumper removed, the Pulsar will flash every time the brake is pressed regardless of brake press intervals or frequency. In both cases (ENABLED or DISABLED) – pulse duration is set by Jumper J3.

Jumper J3:

“L” Setting:

Set jumper between pins 1 and 2 (or closest to the “L” label located on the board) to program the Pulsar to operate in the “LONG” duration pulse mode. In this mode, the Pulsar will flash the brake light for ~ 6 seconds.

“S” Setting:

Set jumper between pins 2 and 3 (or closest to the “S” label located on the board) to program the Pulsar to operate in the “SHORT” duration pulse mode. In this mode, the Pulsar will flash the brake light for ~ 3 seconds.

Caution:

Use caution when installing Pulsar to ensure “HARNESS” terminal connects to wires going to the front of the car and ensure “LIGHT” terminal connects to the wires running directly to the rear third brake light. Improper connection may pose potential damage to the Pulsar unit.

Warnings:

- *Do not remove red bottom side tape as doing so exposes board to possible damage due to shorting conditions.*
- *Do not remove BOTH J3 and J4 jumpers as this will cause the Pulsar to continuously flash the brake light. This mode of operation is not recommended.*

Installation Instructions:

1. Gain access to the third brake light. You should be able to remove it from its housing or your deck lid with normal hand tools.
2. With the light removed locate the wires that are attached from the vehicle to the light. If you can disconnect light from the wires it is best to remove the light to prevent damage. The photo to the right is the location of the wires and the light inside of a trim panel.



3. Unplug the wire from the light and remove the harness from the clips to allow you to work. Cut the power wire and ground wire in the small wiring harness leading to the light and strip each of the four wires approximately 1/8" to expose the wire. Remove the Third Brake Light Pulsar Assembly from the bag and loosen the four screws with the small straight slot screwdriver. With the wire exposed insert the wires into the assembly as show below(harness and light side are labeled on the pulsar) and tighten each screw. Your pulsar has tags on each terminal indicating wire location and connection to harness and light. With the writing towards the bottom, insert the wires from the harness on the right side and the wires to the light on the left side. The power wire is inserted in the bottom connector and the ground wire is inserted in the top.



4. Turn on the car, depress the brake and make sure the GOMINIGO Third Brake Light Pulsar is working properly.
5. Position the Pulsar near the light or inside the light housing and secure it with the double sided tape to the trim panel. Reinstall removed items onto the vehicle in the reverse procedure of the removal.

Congratulations! – You have just made your vehicle safer with the:

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