

GOMINIGO Gen2 Third Brake Light Pulsar Kit MINI Clubman Installation

This kit allows the owner of the MINI Clubman 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 five or nine 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

Tools required for installation:

T-20 Torque Driver

Wire Strippers

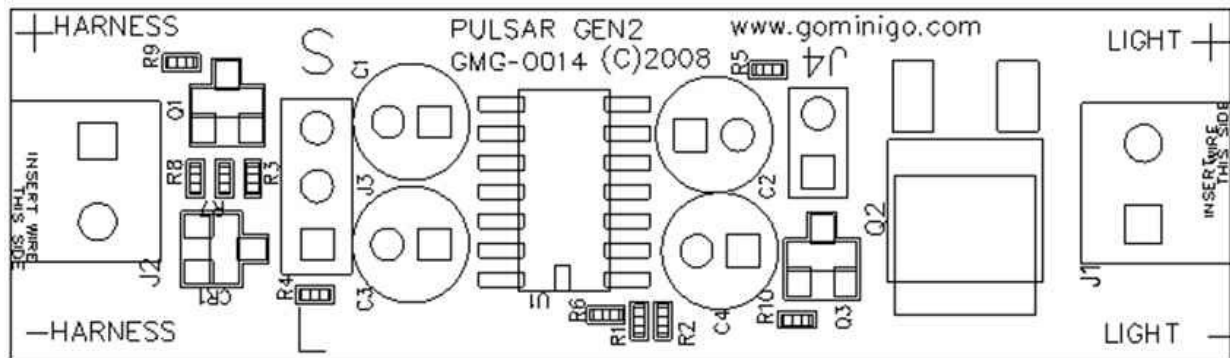
Wire Cutters

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.

Step 1: Remove the four Torx screws (size T20) that are visible from the outside of the car on the bottom side of the Third Brake Light Assembly.



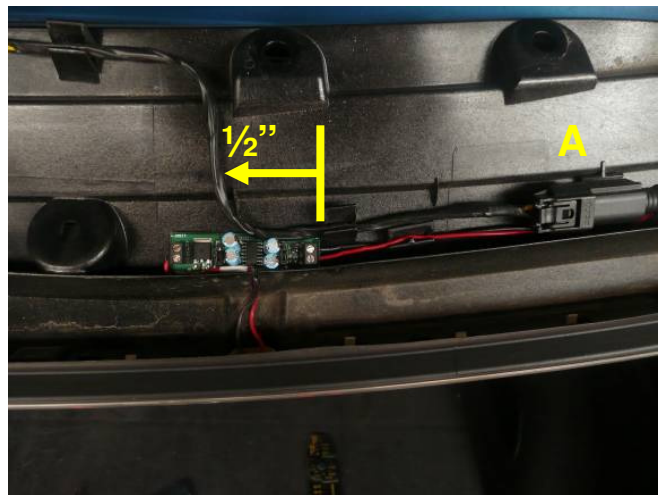
Step 2: Open rear doors and remove four (two on each side) more Torx Screws that are hidden by the closed doors.



Step 3: The rear light assembly will now be loose. Pull rearward slightly and let the assembly hang like below. The light connector will be on the right side of the assembly.



Step 4: Install PULSAR in location shown below using general PULSAR wiring instructions. There should be enough excess wire to install the PULSAR in this location by pulling the wire tight from connector A. Connector A does not need to be removed or unplugged. While pulling the wiring tight from connector A, cut the black and red wires about 1/2" to the left of the wire router as shown below. If there is not enough wire for installation, use the wire extensions provided with the PULSAR kit. Install PULSAR.



Step 5: Reassembly light assembly by reversing steps above.

