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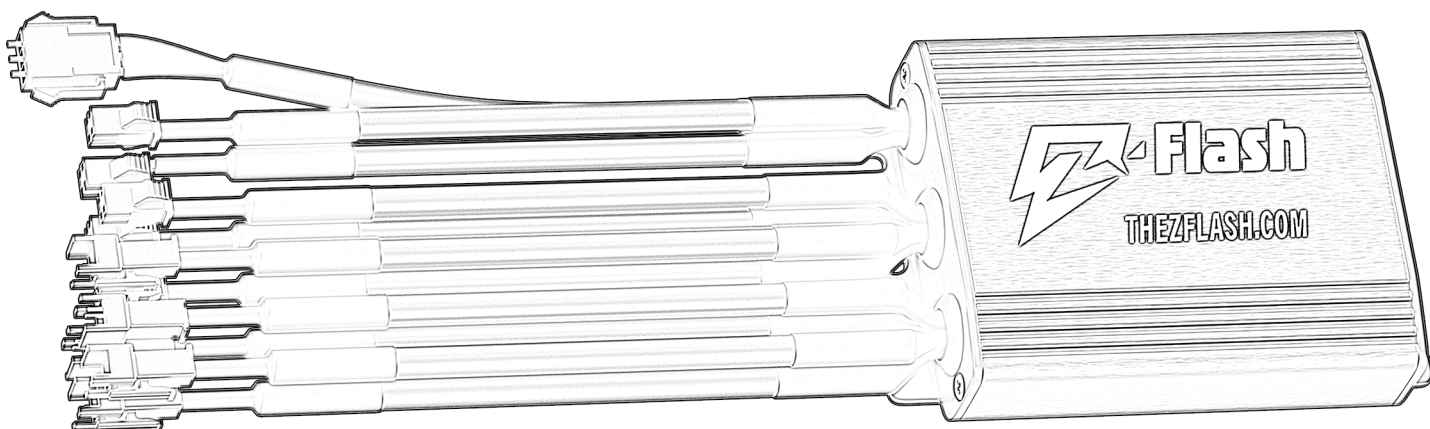


# **Flash**<sup>TM</sup>

## **VEHICLE FLASHER**

**USER MANUAL**

**BCM • GM**



## **WARRANTY**

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This warranty protects the product(s) specified to be free from defects in material and workmanship for 2 (two) years. During the warranty period we will, at our sole discretion, repair or replace the product(s). This limited warranty does not cover travel expense or labor charges for the removal and reinstallation of the product, or any other charges alike. We are not responsible for incidental damages, including but not limited to: loss of time, loss of work, inconvenience, loss and/ or damage to personal property, shipping expenses. We are in no way responsible for any loss or any indirect or consequential damages resulting from any such defect in material and/ or workmanship whether it's due to negligence, incorrect installation, or manufacturer mistake. It is the sole responsibility of the party initiating a warranty claim to pay shipping charges associated with returning a product.



## WARNING

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- If you do not know what you are doing, do not try.
- We advise professional installation for all products.
- Electrical shock can cause injury or death. Please use proper tools and protection when installing. Professional installation is strongly advised.
- Please check for correct installation method before powering on. Electrical fire can occur.
- Do not run any wires in the way of air bags or other safety devices.
- Please check with your local laws to ensure this module is legal in your area.



## INSTALLATION INSTRUCTIONS

Please read all of the instructions before you begin your installation

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1. Locate the vehicle's body control module (BCM) under the steering wheel column above the break pedal. See Figure 1 for plug locations.
2. Remove factory plug 4 (black) from the BCM and plug in the black Z-Flash plug into that socket. Then plug factory plug 4 that you removed into the Z-Flash adapter.
3. Remove factory plug 5 (brown) from the BCM and plug in the brown Z-Flash plug into that socket. Then plug factory plug 5 that you removed into the Z-Flash adapter.
4. Remove factory plug 6 (pink) from the BCM and plug in the pink Z-Flash plug into that socket. Then plug factory plug 6 that you removed into the Z-Flash adapter.
5. Locate the black three-wire plug on the Z-Flash module (see Figure 2). Connect the black wire to ground and connect the red wire to a +12V fused switch or a factory switch if equipped in your vehicle
6. If you would like to be able to change patterns after the module is installed, connect the blue wire to one side of a momentary switch. Connect the other side of the momentary switch to a fused +12V circuit. If you would only like to use one flash pattern, you may touch the blue wire to +12V momentarily to change the pattern until you find the one you would like to use. controller or the vehicle's upfitter switch. See the chart below for instructions.
7. Plug the seven plugs from the three adapters and the black three-wire plug into the Z-Flash module.



**Note:** Disconnect your vehicle's battery before disconnecting the BCM.

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**Mode Switch:** Insert a paper clip or something similar in size into the hole shown in Figure 3 to switch modes. When the mode switch is in position A, the vehicle's factory functions will override the Z-Flash's warning functions. When the mode switch is in position B, the vehicle's factory functions will NOT override the Z-Flash's warning functions.

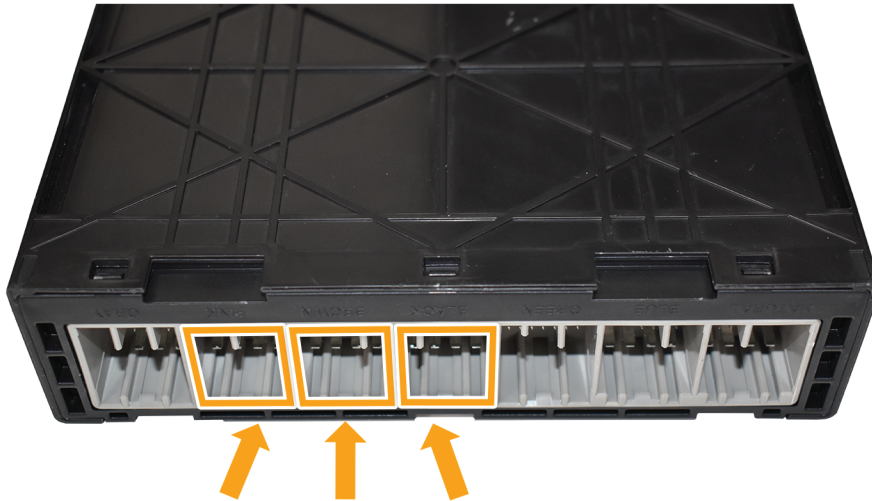


**Note:** It is not advised to run the Z-Flash in position B when on public roads.

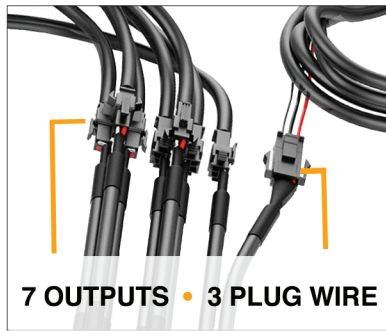


# MODULE INSTALLATION

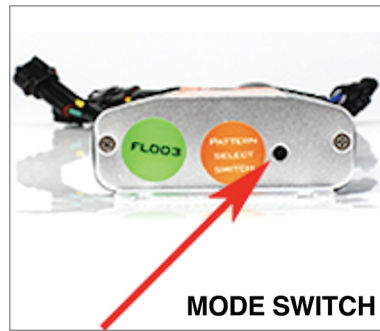
## FIGURE 1



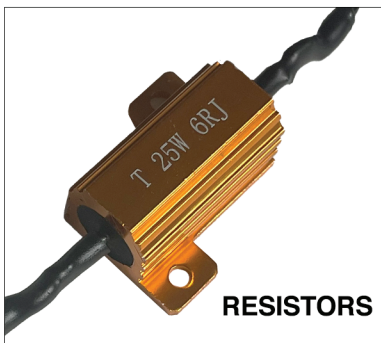
## FIGURE 2



## FIGURE 3



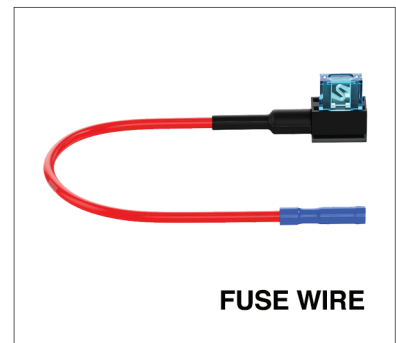
## FIGURE 4



## FIGURE 5



## FIGURE 6



If you have non-factory LED bulbs, or if you're getting a hyper flash condition after installation, the resistors need to be installed on the lights that are having that issue.

These are used when you want to disable certain lights from flashing.

This fuse wire needs to be plugged into the fuse panel on the side of the dashboard when hardwiring your module.



## FAQS

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- **How does the Z-Flash BCM Flasher for General Motors Vehicles work?**

Using diagnostic signals, the Z-Flash Plug and Play Flasher for GM Vehicles tells the vehicle to activate the respective lights using select BCM ports. The flasher module does not rewrite computer code or affect the vehicle in any way. The codes are the same that the dealer could use to diagnose your vehicle through the BCM ports.

- **Will this burn my computer?**

The Z-Flash Plug and Play Flasher for GM Vehicles does not put out any voltage and will not burn up the computer. It's similar to plugging a USB stick into your PC.

- **Will my brake lights still work?**

Your brake and turn signals will override the flashing pattern. If the module is active and you hit the brakes or use your turn signal, that function will override. This cannot be disabled as it is an important safety feature.

- **Does this put my vehicle in reverse?**

The Z-Flash Plug and Play BCM Flasher for GM Vehicles will not change your vehicle's gears.

- **What are the benefits of having a plugin flasher?**

They are very affordable and a great way to get your POV noticed when responding to emergencies. Plugin flashers are also a great addition if you already have a lighting system in your GM. Plugin flashers require no additional wiring and can be installed in minutes!

- **Will this burn up my bulbs?**

Like any headlight/taillight flasher it will burn out your bulbs faster than normal. Aftermarket HID's will burn up very quickly because the ballasts are not intended to flash.

- **Why are my Halogen bulbs not flashing or very dim?**

Unlike LEDs, Halogen bulbs require a charge up and cool down time. Because of this, it is not possible to flash them as fast as LED bulbs.

- **Is the Z-Flash BCM Plug and Play Flasher for General Motors Vehicles traceable?**

Once removed, the flasher module does not leave any trace of being installed.