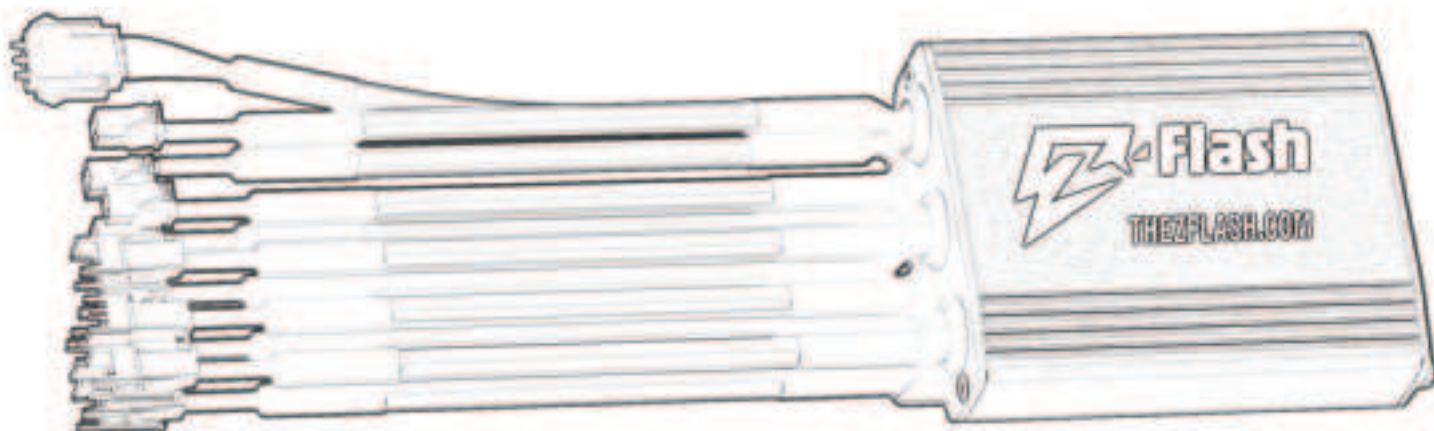




**VEHICLE FLASHER**

**USER MANUAL | BCM • FORD**



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## **WARRANTY**

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

- 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.

1. Open the fuse box panel located in the passenger side footwell to gain access to the vehicle's body control module (BCM). *See Figure 1 for location*
2. Remove factory plug A from the BCM and plug in the Z-Flash plug A into that socket. Then plug factory plug A that you removed into the Z-Flash adapter plug A.
3. Remove factory plug B from the BCM and plug in the Z-Flash plug B into that socket. Then plug factory plug B that you removed into the Z-Flash adapter plug B.
4. Remove factory plug C from the BCM and plug in the Z-Flash plug C into that socket. Then plug factory plug C that you removed into the Z-Flash adapter plug C.
5. Connect the remaining 10 outputs into their respective leads on the flasher module in any order
6. There are two ways to activate the module; with the provided switch or hard-wiring it into your own controller or the vehicle's upfitter switch. See the chart below for instructions.



**Note:** Disconnect your vehicle's battery before disconnecting the BCM. Ford F-Series trucks will have two batteries.

**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.

### SWITCH

Plug the provided switch into the flasher and turn on to activate.

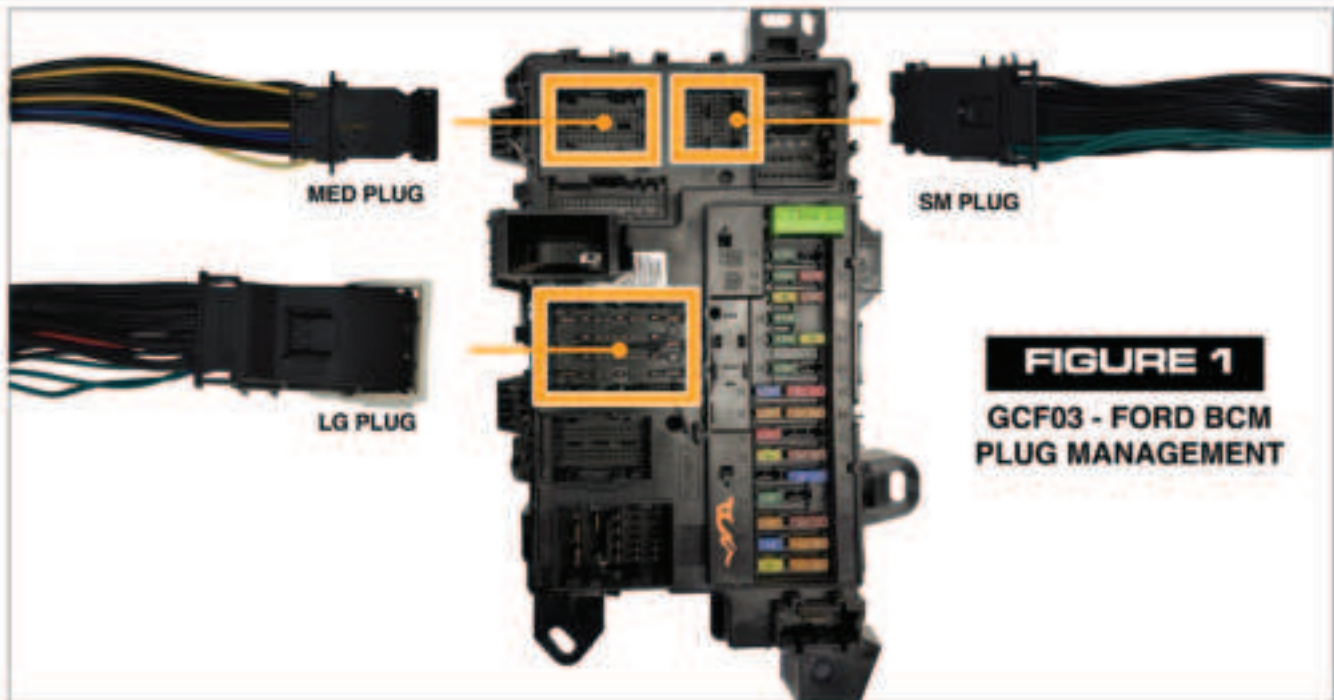
### HARDWIRE

Locate the bag with the red wire (see Figure 3). One end has a 4-slot connector that plugs into the Z-Flash and the other end is bare wire that ties to a switch. If you need to switch patterns, simply plug the red momentary switch into the other Z-Flash port that takes the 2-slot plug.





## MODULE INSTALLATION



**FIGURE 1**  
GCF03 - FORD BCM  
PLUG MANAGEMENT



**FIGURE 2**



**FIGURE 2.1**



**FIGURE 3**



**FIGURE 4**

RESISTORS



**FIGURE 5**

RED JUMPER WIRES



**FIGURE 6**

FUSE WIRE

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 is not needed unless you're hardwiring your module to an external switch.



## FAQS

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

Using diagnostic signals, the Z-Flash Plug and Play Flasher for Ford 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 Ford 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 Ford 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 Ford. 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 HIDs 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 Ford Vehicles traceable?**

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