

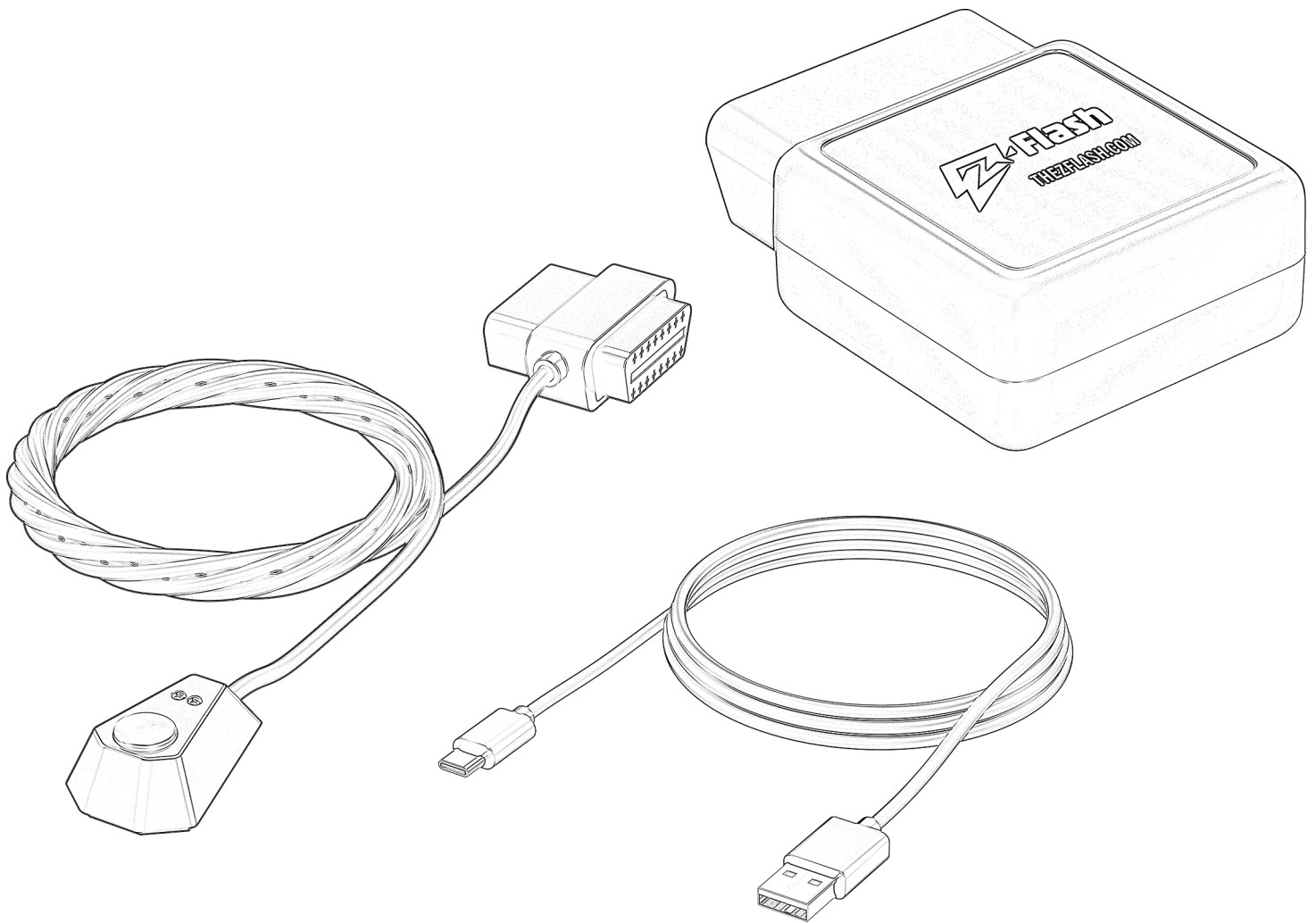
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# **Flash**<sup>TM</sup>

## VEHICLE FLASHER

**USER MANUAL**

**OBD • GM**





## WARRANTY

This warranty protects the product(s) specified to be free from defects in material and workmanship for 1 (one) year. 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.



## IMPORTANT REMINDER

1. Scan the QR code on your Z-Flash module to create an account.
2. If you cannot scan the code, note the Z-Flash 'Serial Number' and head to [profile.thezflash.com](https://profile.thezflash.com) and create an account. Be sure to enter your serial number listed on the Z-Flash module.



## INSTRUCTIONS

1. Connect the Z-Flash OBD-2 module to the OBD-2 Pass-Through Switch
2. Next, with the vehicle off, plug the module and switch into the vehicle.  
(The OBD-2 is located under the dashboard on the driver's side of the vehicle.)
3. Turn the key on, but don't start the vehicle (for trucks/SUVs with 'push-to-start', press and hold the start/stop button for roughly 8 seconds with your foot OFF the brake pedal until the ignition turns on)
4. Wait 30 seconds for the module to read your vehicle, then turn the ignition off.
5. Unplug the Z-Flash and bring it inside, near your WiFi router.
6. Plug the Z-Flash into a USB power source (any 1-amp USB phone charger cube will work).  
After about 10 seconds, the LED will turn green, indicating WiFi setup is ready.
7. Using your smartphone, connect to the WiFi network "Z-Flash".
  - a. If the "Z-Flash" network does not appear, try turning your phone's WiFi off, and then on again.
  - b. If asked, the password is "password" (all lowercase).

## CONTINUATION:

8. Once your phone is connected to the Z-Flash,
9. If the Z-Flash portal does not appear on your phone automatically within 10 seconds, go to your phone's web browser and enter 10.10.0.1 (no www or .com). The Z-Flash config menu should appear within 30 seconds and list all of the WiFi networks that are within range of the Z-Flash
  - a. Be sure that the signal strength shown next to your WiFi network name is at least 2 bars.
  - b. If the config page does not appear on your phone, try refreshing the web page.
10. Click on your home WiFi network name, and type in your home WiFi password. As soon as the Z-Flash successfully connects to your WiFi, the LED will change from green to flashing red/blue. When the LED turns off, the update procedure is complete and you can unplug the Z-Flash.
  - a. NOTE: The Z-Flash can only connect to 2.4ghz WiFi, 5ghz WiFi is not supported.
  - b. NOTE: WiFi passwords are case sensitive
  - c. If you get stuck anywhere during this process, or the Z-Flash fails to connect, you can unplug the Z-Flash at any time and start over from the beginning.
11. You can confirm your module is set up by logging into your account and verifying your vehicle is listed. Every time your module connects to WiFi it will check for updates automatically.

**Using the button:** (The unique Z-Flash OBD-2 Pass-Through Switch does not require any external power!)



## INSTRUCTIONS

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### To activate the module:

Press the button for 1 second to activate the module, press again for pattern 2, repeat for pattern 3 and once more to deactivate the module.

When the module is plugged in both LEDs will illuminate.

When the flasher is activated both LEDs will blink.

If you would like to hardwire your switch, you can cut off the button and hardwire the yellow wire to any momentary ground switch.

### To change the pattern speed:

Press the door lock button while the module is activated (The fastest pattern will look the best with LED bulbs)



## INSTALLING THE MODULE

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1. Connect the Z-Flash OBD-2 module to the OBD-2 Pass-Through Switch
2. With the vehicle off, plug in both the switch and module into your vehicle simultaneously
3. Start your vehicle and activate the module using the Pass-Through Switch
4. To remove: turn the vehicle off and remove the module.



## FAQS

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- **How does it work?**

Using diagnostic signals the module tells the vehicle to activate the respective lights. The module does not rewrite computer code or affect the vehicle. The codes are the same that the dealer could use to diagnose your vehicle.

- **Will this burn my computer?**

The module does not put out any voltage and will not burn up the computer. It's much like 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 module will not change your vehicle's gears. However, some vehicle's may activate the backup camera screen because they are wired in with the reverse lights. Unfortunately this cannot be disabled at this time.

- **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 Plug and Play Flasher for Ford Vehicles traceable?**

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