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› Z-Flash Vehicle Flasher Module Instruction Manual for Ford F-150, F-250, Explorer, Expedition, and Taurus

Z-Flash Z-Flash OBD Plugin Flasher Switch Module

Z-Flash Vehicle Flasher Module Instruction Manual

For Ford F-150 (2011-2020), F-250 (2011-2019), Explorer (2014-2019), Expedition (2016-2019),
Taurus (2015-2018)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Z-Flash OBD Plug and Play Strobe Light Module. This module is designed to enhance the visibility of your vehicle's lighting system by enabling various flashing patterns for turn signals, brake lights, and reverse lights. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The Z-Flash module is compatible with specific Ford models and years, including:

- Ford F-150 (2011-2020)
- Ford F-250 (2011-2019)
- Ford Explorer (2014-2019)
- Ford Expedition (2016-2019)
- Ford Taurus (2015-2018)

Compatibility

VEHICLE	YEAR
Ford F-150	2011-2020
Ford F-250	2011-2019
Ford F-350	2011-2019
Ford F-450	2016-2019
Ford F-550	2016-2019
Ford Fusion	2015-2018
Ford Expedition	2016-2019
Ford Explorer	2014-2016
Ford Taurus	2015-2018
Ford Edge	2015-2018
Ford Mustang	2015-2018
Ford Ecosport	2018
Lincoln Navigator	2016-2019

Figure 1.1: Compatibility table for the Z-Flash Vehicle Flasher Module, listing various Ford models and their compatible year ranges.

2. SAFETY INFORMATION

Always prioritize safety during installation and operation. Ensure the vehicle is turned off and the ignition key is removed before connecting or disconnecting the module. This device is intended for off-road or show use only, or in accordance with local laws and regulations regarding emergency vehicle lighting. Misuse may result in legal penalties or accidents. Do not operate the vehicle with flashing lights enabled on public roads unless authorized.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Z-Flash OBD Plug and Play Strobe Light Module
- Plug and Play Switch (optional activation method)
- Hardwire connection (for integration with upfitter switches or external controllers)
- USB cable (for PC connection and custom pattern creation)



Figure 3.1: The Z-Flash OBD Plug and Play Strobe Light Module shown with its accompanying plug-and-play switch and hardwire option.

4. SETUP AND INSTALLATION

The Z-Flash module features a simple plug-and-play installation process. No special tools or modifications are typically required.

4.1. Connecting the Module

1. Locate your vehicle's OBD-II port, typically found under the dashboard on the driver's side.
2. Ensure the vehicle's ignition is off.
3. Plug the Z-Flash module directly into the OBD-II port. The module is designed to fit snugly and remain out of the way.



Quick and Easy Installation

- ✓ Simple plug-and-play setup
- ✓ No special tools or modifications needed
- ✓ Ready to use out of the box

Figure 4.1: The Z-Flash module is shown being plugged into the vehicle's OBD-II port, highlighting the simple plug-and-play installation.

4.2. Activation Options

The Z-Flash module offers multiple activation options:

- **Plug and Play Switch:** Connect the included switch to the module for immediate control.
- **Hardwire:** For seamless integration with existing upfitter switches or external control systems, use the provided hardwire connection.



Figure 4.2: Illustration of the Z-Flash module's flexible operation, showing both the plug-and-play switch and hardwire connection options.

4.3. Installation Video

For a visual guide on the installation process, please refer to the official product video below:

Video 4.1: Official Z-Flash OBD for Ford Plug and Play Strobe Light Module installation and demonstration. This video showcases the module's features and ease of use.

5. OPERATING INSTRUCTIONS

The Z-Flash module provides various flashing patterns for your vehicle's lights.

5.1. Activating Flashing Patterns

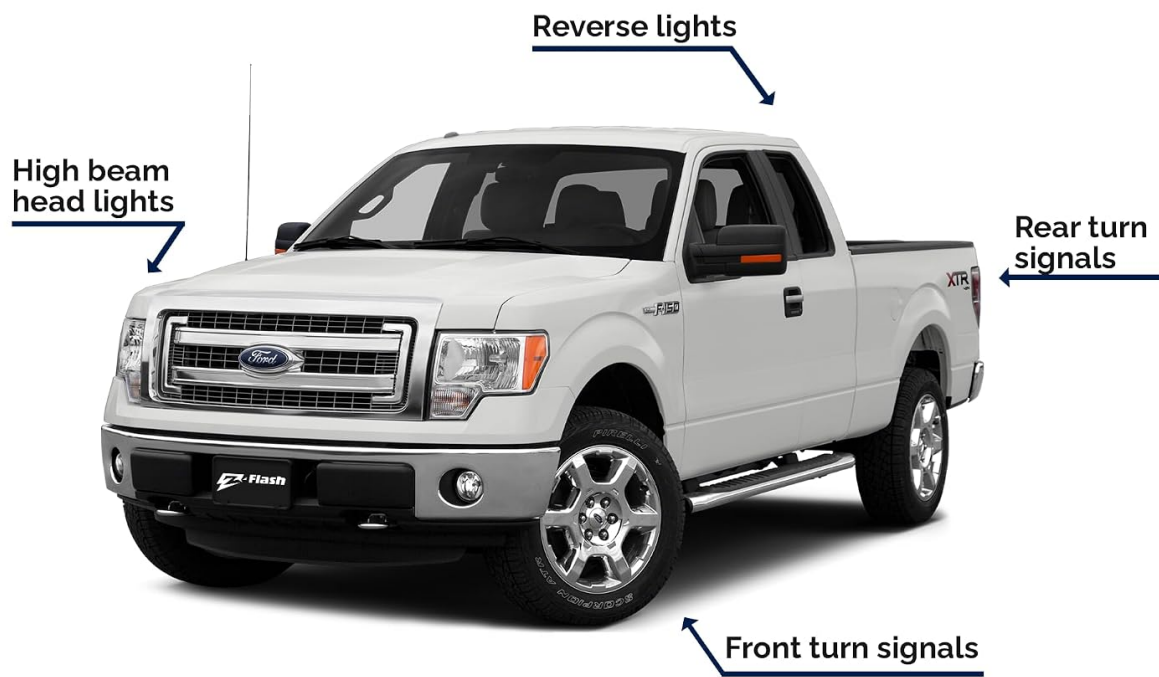
To activate the flashing patterns, typically pull back the high beam stalk for approximately six seconds. Releasing it will engage the default flash pattern. To deactivate, hold the high beam stalk for another three seconds and release.

5.2. Available Patterns

The module features:

- One pre-set **Drive pattern**, suitable for use while driving.
- Six customizable **Park patterns**, ideal for stationary situations.

Flashes



Features 1 Pre set Drive pattern & 6 customizable Park patterns

Figure 5.1: A Ford truck demonstrating the Z-Flash module's capabilities, highlighting the synchronized flashing of high beam headlights, reverse lights, and front/rear turn signals.

6. CUSTOMIZATION AND PROGRAMMING

The Z-Flash module allows for customization of its flashing patterns.

6.1. Connecting to a PC

The module can be connected to a personal computer via a USB cable to create and upload custom patterns. This feature provides flexibility to tailor the light sequences to your specific needs.



Figure 6.1: The Z-Flash module is shown with a USB cable, illustrating its connectivity to a PC for creating custom light patterns.

7. MAINTENANCE

The Z-Flash module is designed for durability and requires minimal maintenance. Keep the module and its connections clean and free from debris. Ensure the OBD-II port remains unobstructed. Periodically check connections for security.

8. TROUBLESHOOTING

If you encounter issues with your Z-Flash module, consider the following:

- **No Power/No Function:** Ensure the module is securely plugged into the OBD-II port and the vehicle's ignition is on. Check all connections if using the hardwire option.
- **Incorrect Patterns:** Verify that the correct patterns have been loaded onto the module via the PC software. Re-upload patterns if necessary.
- **Intermittent Operation:** Check for loose connections or potential interference. Ensure the module's firmware is up to date.
- **Vehicle Error Messages:** If the vehicle displays error messages, temporarily remove the Z-Flash module and consult your vehicle's manual or a qualified technician.

9. SPECIFICATIONS

Feature	Detail
Brand	Z-Flash
Model Number	Z-Flash OBD Plugin Flasher Switch Module
Item Weight	5.3 ounces
Package Dimensions	9.72 x 7.6 x 1.46 inches
Power Source	Corded Electric (via OBD-II port)
Installation Type	Plug and Play (OBD-II)
Compatibility	Ford F-150 (2011-2020), F-250 (2011-2019), Explorer (2014-2019), Expedition (2016-2019), Taurus (2015-2018)

10. WARRANTY AND SUPPORT

Z-Flash products are manufactured to high standards. For warranty information and technical support, please refer to the contact details provided with your product packaging or visit the official Z-Flash website. Keep your purchase receipt for warranty claims.