



**Automotive**  
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## **OBZII – The OBDII plug-in Flashing Emergency Light System**

For Firmware Version 7.0.6- 110216

The OBZII module is an electronic plug-in device for:

2011-2017 Dodge Charger

2015-17 Challenger

2014-2017 Jeep Grand Cherokee

2014-2017 Dodge Durango

2013-2017 RAM 1500

Traditionally, making the exterior lights flash in patterns suitable for police/fire/EMS/construction/emergency use requires permanent modification, cutting, splicing, adding switches, drilling, etc. The OBZII Module gets around all that, utilizing the vehicle's own lighting controller to do the work. It simply plugs in, leaving no trace of its use. Ready to use at any time, can be activated using steering wheel controls or from the vehicle's keyless entry keyfob.

This document describes how to install and use an OBZII Module.

### **Installation:**

Installation is a matter of simply plugging the OBZII Module into the OBDII diagnostic port under the dashboard, above the parking brake. The module will shut itself off, 30 seconds after the car goes to sleep. So there's no need to unplug it – it'll always be ready to use.

### **Operation:**

The OBZII Module comes pre-configured with 6 light shows out of the box, plus 3 “make your own” light shows that you can configure with the ZPU utility. There are two ways to control the OBZII Module:

**From the keyfob:** The light show can be turned on by pressing unlock-unlock-lock-unlock from the keyfob. This will start the first light show in the sequence (depending on which show it's configured to start with). Pressing unlock again will advance to the next enabled show. Pressing lock will turn off the light shows. You may lock the vehicle while the shows are on by pressing the button on the door handle or using the key.

**From the steering wheel buttons:** The light show can be activated by moving the High Beam stalk to the forward (hi beam) position, and tap the cruise + button. This will start the first light show in the sequence (depending on which show it's configured to start with). Pressing cruise + again will advance to the next enabled show. Moving the High Beam stalk back to its normal position will end the show.

The OBZII Module will shut off if it's used for such a long time that the vehicle battery voltage drops below 11V.

## **Configuration:**

Configuration of the OBZII Module is accomplished by using the supplied USB cable connected to a PC, using the ZPU Programming Utility. The ZPU User Guide explains how to install ZPU and how to perform firmware updates.

Please see the accompanying “Light Show Configuration Guide” to configure your OBZII Module’s light show options.

Z Automotive cannot be held responsible misuse or consequential damages. If you are in doubt, email [techsupport@zautotech.com](mailto:techsupport@zautotech.com). **Please be aware that modifying your vehicle in any way can affect your vehicle’s warranty, longevity, handling, etc. Please use with caution, and AT YOUR OWN RISK.**