



OBZII - Emergency Response Module

For Firmware Version 7.0.8 - 100317

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.

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 four ways to control the light shows on the OBZII Module:

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.

Quick-on: 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.

Dash Menu: You can start the show by setting the dash to “Audio” mode, then press the left arrow and tap cruise CANCEL button. “Lightshow?” will display on the dash. Hold left arrow and tap cruise on/off (center) button to turn on the first light show in the sequence. Again to advance to the next show. Exit the menu (left arrow and CANCEL) to turn off the show.

AUX buttons or Adaptive Cruise buttons:

See the button remap instructions below. You can use the mapped buttons to quickly access any one of the light shows. Press to toggle on/off. If the dash is set to “audio” you will see a confirmation message of the light show on or off.



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

Mapping AUX/ ACC buttons

For 2015+ Charger/Challenger and 2014+ Grand Cherokee/Durango: If you installed the AUX button bank, the three buttons are available full-time. If you have Adaptive Cruise Control you can remap the near/far distance buttons, which will only be available when ACC is off. To remap, first place the dash in the "audio" screen. Then press and hold the left arrow button, and press the button you want to remap. Press again to switch through the options. When you get to the desired choice, let go of the left arrow.

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 BurnBox HC Module's light show options.

Z Automotive cannot be held responsible misuse or consequential damages. If you are in doubt, email techsupport@zautotech.com.

Please be aware that modifying your vehicle in any way can affect your vehicle's warranty, longevity. Please use with caution, and AT YOUR OWN RISK.