



**Automotive**  
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## **BurnBox G2 – OBDII plug-in Line Lock and Light Show System**

For Firmware Version 6.0.6 - 110216

The BurnBox G2 module is an electronic plug-in device for:

2011-2017 Dodge Charger

2015-17 Challenger

2013-2017 RAM 1500

### **Installation:**

Installation is a matter of simply plugging the BurnBox G2 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:**

**Line Lock:** The BurnBox G2 Module will use the ABS solenoids to lock the front wheels for burnout purposes. To use this feature, you must stop the car then press the steering wheel “back” button (2011-2014) or “OK” button (2015+) and hold it while pressing the cruise + button. Continue to hold the back/ok button, but the cruise button does not need to be held. Once the ABS light on the dash comes on (and EVIC message “Line Lock ON”), pump the brake pedal twice firmly and release. Press the gas pedal, and the rear wheels will break traction. Brakes release when the back/ok button is released.

### **Light Shows:**

The BurnBox G2 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 BurnBox G2 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 BurnBox G2 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 BurnBox G2 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 G2 Module’s light show options.

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