

# BURNBOX

## G2

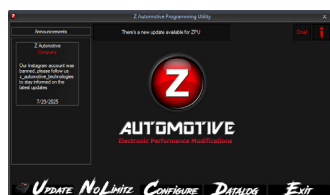
# User's Guide

## For Firmware 6.0.9

The **BurnBox G2** is an electronic plug-in device for the following vehicles:

**2015-Present** Dodge Challenger  
Dodge Charger Chrysler 300

### Firmware Updates



New firmware is available periodically, always free and posted to the Z Automotive

website. The device may not ship with the latest firmware, so use [ZPU \(Z Automotive Programming Utility\)](#), also on the website, to install the firmware over USB.

### What's in the box?



• BurnBox G2

• USB Mini-B Cable

Z Automotive cannot be held responsible for misuse or consequential damages. If you are in doubt, email [support@zautotech.com](mailto:support@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.

USING THE LIGHT SHOW FEATURE ON PUBLIC ROADS: IMPERSONATING A POLICE OFFICER IS A FELONY. LIGHT SHOW IS INTENDED FOR CAR SHOW/TRACK/OFF ROAD USE ONLY.

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## Installation

**2015-2017**

Simply **plug the BurnBox into the OBD2** diagnostic port under the dashboard, above the parking brake. (A)



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**2018-Present**

Plug the BurnBox into the **required Z Automotive Double-Bypass** (B)  
[Click here for the install guide.](#)

The module will shut off 30 seconds after the vehicle goes to sleep or if the battery voltage dips below 11v **No need to unplug it!**

## Operation

The BurnBox's features are accessed **ONLY** from the steering wheel commands described below

Function	Activation
<b>Line Lock</b> The BurnBox G2 will use the factory ABS solenoids to lock the front wheels for a burnout. It can only be activated when the vehicle is at a <b>full stop and at idle.</b>	<ol style="list-style-type: none"> <li>1. ◁ (HOLD) + CRUISE "+" (TAP) OR Remapped Cruise/AUX button (HOLD)</li> <li>2. Wait for <b>ABS light on dash</b> and "<b>Line Lock ON</b>" <b>EVIC message</b> (visible only from AUDIO screen)</li> <li>3. <b>PUMP BRAKE TO BUILD HOLDING PRESSURE</b></li> <li>4. <b>PRESS GAS TO BREAK REAR WHEEL TRACTION</b></li> <li>5. <b>RELEASE ◁ OR REMAP TO RELEASE LINE LOCK</b></li> </ol>
<b>Cooldown Mode</b> The BurnBox G2 will spoof a high temperature to activate engine fans, which can be helpful at the track. <b>The ignition needs to be ON with the engine OFF.</b>	<p>▷ (HOLD) + CRUISE "<b>CANC</b>" (TAP) or <b>Remapped Button (TAP)</b></p>
<b>Light Shows</b> The BurnBox G2 will flash the vehicle's lights in 6 different patterns - for use off-road. <a href="#">Contact support</a> for information about in-motion use. See <a href="#">Light Show Configuration Guide</a> for custom Light Shows.	<p><b>FROM KEYFOB</b>                      Start: <b>Unlock, Unlock, Lock, Unlock</b>                      Next show: <b>Unlock</b> End show: <b>Lock</b></p> <p><b>FROM STEERING WHEEL</b>                      Start: <b>HI-BEAM STALK ON (Forward) + CRUISE "+" (TAP)</b>                      Next show: <b>CRUISE "+" (TAP)</b>                      End show: <b>HI-BEAM STALK OFF (Back)</b></p> <p><b>FROM REMAP</b>                      Start/Stop: <b>Remapped Button (TAP)</b></p>
<b>Button Remap</b> Map <b>ACC Near, ACC Far, or AUX Buttons</b> to perform the functions above. <b>The dash menu must be set to AUDIO.</b>	<p>◁ (HOLD) + Button to Remap (TAP) until you see the function or Light Show you want, <b>then release both buttons.</b>  <b>Remember to tap only the remapped button to activate the function.</b></p>