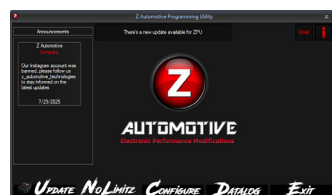# BURNBOX HELLCAT

User's Guide
For Firmware 9.0.9

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

2015-Present
Dodge Charger &

Dodge Challenger
Hellcat

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 Hellcat

- USB Mini-B Cable

Z Automotive cannot be held responsible for misuse or consequential damages.
If you are in doubt, email 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.

Z Automotive is in no way affiliated with FCA.

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Installation

2015-2017
Simply **plug the BurnBox into the OBD2** diagnostic port under the dashboard, above the parking brake. (A)

Z AUTOMOTIVE
Electronic Performance Modifications

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
Line Lock The BurnBox Hellcat 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 **full stop and at idle**.	1. ◁ (HOLD) + CRUISE "+" (TAP) OR Remapped Cruise/AUX button (HOLD) 2. Wait for ABS light on dash and "Line Lock ON" EVIC message (visible only from AUDIO screen) 3. PUMP BRAKE TO BUILD HOLDING PRESSURE 4. PRESS GAS TO BREAK REAR WHEEL TRACTION 5. RELEASE ◁ OR REMAP TO RELEASE LINE LOCK
Cooldown Mode The BurnBox Hellcat will spoof a high temperature to activate engine fans and/or intercooler pump, which can be helpful at the track. **The ignition needs to be ON with the engine OFF.**	Cycle Fan/IC/IC + Fan/Off ▷ (HOLD) + CRUISE "CANC" (TAP) or Remapped Button (TAP)
Light Shows The BurnBox Hellcat will flash the vehicle's lights in 6 different patterns - for use off-road. Contact support for information about in-motion use. See Light Show Configuration Guide for custom Light Shows.	FROM KEYFOB Start: Unlock, Unlock, Lock, Unlock Next show: Unlock End show: Lock FROM STEERING WHEEL Start: HI-BEAM STALK ON (Forward) + CRUISE "+" (TAP) Next show: CRUISE "+" (TAP) End show: HI-BEAM STALK OFF (Back) FROM REMAP Start/Stop: Remapped Button (TAP)
Button Remap Map ACC Near, ACC Far, or AUX Buttons to perform the functions above. The dash menu must be set to AUDIO.	◁ (HOLD) + Button to Remap (TAP until you see the function or Light Show you want, then release both buttons). Remember to tap only the remapped button to activate the function.