



INSTALLATION INSTRUCTIONS
DIRECT CONNECTION REDEYE STAGE 1 KIT

DODGE CHALLENGER SRT® HELLCAT REDEYE 6.2L HO
DODGE CHARGER SRT® HELLCAT REDEYE 6.2L HO
DODGE CHALLENGER SRT® DEMON 6.2L
PART NUMBER: 77072581AB



www.dperformance.com



TO PREVENT **SERIOUS INJURY** AND **PROPERTY DAMAGE**, YOU SHOULD READ, UNDERSTAND AND FOLLOW THE WARNINGS AND INSTRUCTIONS IN THIS MANUAL **PRIOR** TO INSTALLATION.
FOR ASSISTANCE CONTACT **DIRECT CONNECTION TECH HOTLINE 1-800-998-1110**



The Installation of a Hellcat Redeye Pre-Stage Kit is required to install the Hellcat Redeye Stage I Kit onto your vehicle.
See Direct Connection Tuner section for more details.

Bill of Materials

Part Description	Part Number	Service Parts	Quantity
Calibration Keychain	DC-KC001	Contact DC	1
CARB EO Label	EO Label	Contact DC	2
Instruction Sheet	K6864147AB	Online	1

Contents

Direct Connection Tuner 3

 Security Gateway Module Update – Redeye & Demon Vehicles Only 3

 Keychain & Calibration Retrieval..... 3

 Tuning..... 4

High Octane Mode 5

 Functionality..... 5

 Fuel Requirements 5

Dealer Installed Vehicle Option VIN Assignment 6

California Air Resources Board Executive Label..... 6

DISCLAIMER

WARNING: Before using this device, read the complete User Manual. Never attempt to alter this device. This device is not intended for your attention while driving – distracted driving may cause motor vehicle accidents, death, or serious injury. User ASSUMES ALL RESPONSIBILITY and LIABILITY FOR ANY CLAIMS arising from distracted driving while using this device or from altering it. To AGREE and continue, select “Yes” from the Direct Connection Tuner Initial Startup.

Direct Connection Tuner

The purchase of a Hellcat Redeye Pre-Stage Kit is required to install the Hellcat Redeye Stage 1 Kit onto your vehicle. It is required that you reference all applicable material related to installing any parts or flashing your vehicle found within the DC Tuner Manual and Pre-Stage Kit Instruction Sheets before installing the Stage 1 Kit.

Please review the table below for the applicable Pre-Stage Kit part number for your vehicle:

Application	Part Number	Part Description
2018 Challenger Demon		
2019-2023 Challenger Hellcat Redeye 6.2L HO	77072579AD	Challenger Redeye Pre-Stage Kit
2020-2023 Challenger Super Stock		
2021-2023 Charger Hellcat Redeye 6.2L HO	77072605AA	Charger Redeye Pre-Stage Kit

NOTE: Revision level (suffix) of part numbers are subject to change. Contact dealer or DC Hotline for the latest released part number

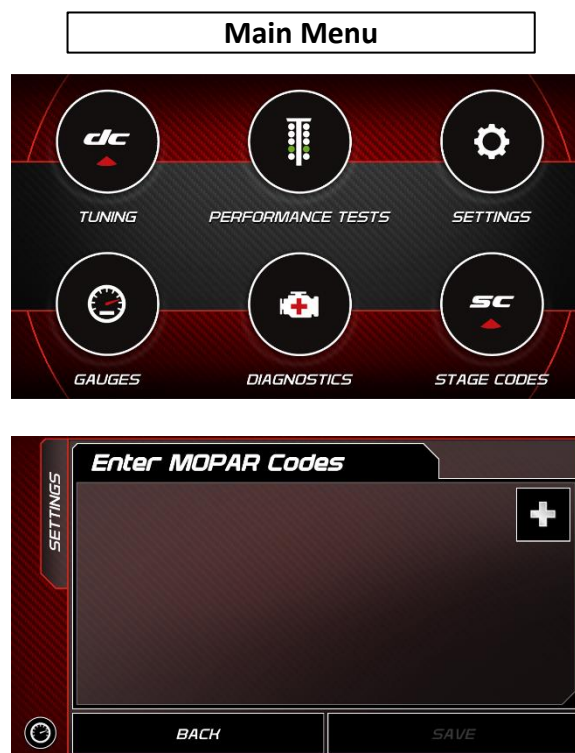
Security Gateway Module Update – Redeye & Demon Vehicles Only

In order for all features of the Direct Connection Tuner to function properly, make sure your Security Gateway Module is flashed with calibration **68593431AB**. Redeye, Super Stock, and Demon Vehicles Only. See dealer to install.

NOTICE It is necessary to complete the Security Gateway module update **BEFORE** connecting to the Direct Connection Tuner. Failure to do so will result in reduced functionality.

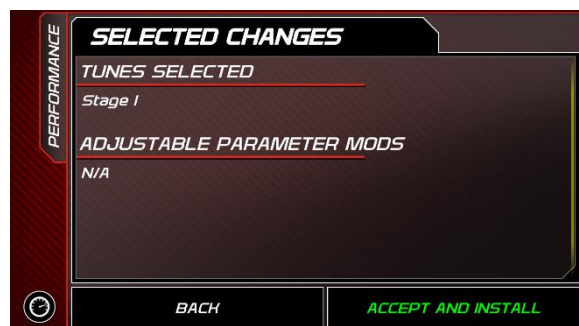
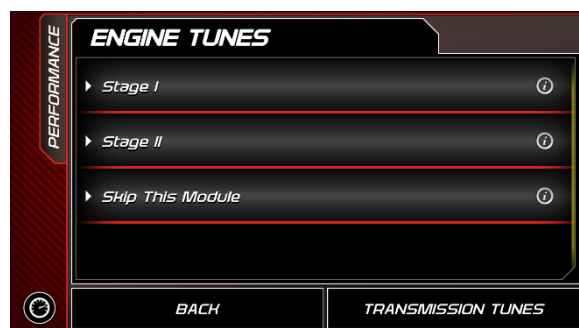
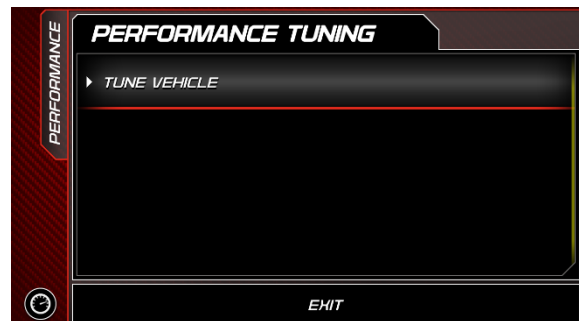
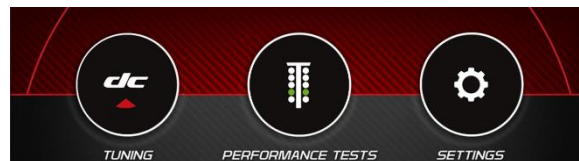
Keychain & Calibration Retrieval

- Select the “**Stage Codes**” icon from the **Main Menu**.
This is the Stage Code entry for unlocking additional Stage Calibrations. This code comes printed on the keychain provided in the kit. **For more information, please call the Direct Connection Hotline at 1-800-998-1110.**
- Press the “+” in the Top-Right of the screen and enter the Keycode on the back of the Calibration Keychain when prompted.
- The applicable Stage Calibration for your vehicle is now available to flash. Follow the Tuning steps below.



Tuning

1. Reboot the device after entering the stage code.
2. Install a battery charger to the vehicle to maintain constant battery voltage, otherwise communication with onboard ECUs may be lost and ECUs can be damaged during Tuning.
3. **REQUIRED:** Select “**Settings**”, then check the device for any available software updates. A Wi-Fi connection is necessary. If updates are available, the device will provide the option to perform the update.
4. Return to the Main Menu and Select the **Tuning** icon.
5. Turn the vehicle ignition to ON. Engine must remain OFF. Select “Tune Vehicle”. Follow the on-screen instructions.
6. Select Stage I. Follow the on-screen instructions.
7. Choose **Accept and Install** to continue. Follow on-screen instruction.
8. Once your vehicle has been successfully tuned, press Continue to return to the **Main Menu**.



NOTICE

Do not remove or bump the OBD-II connector during any programming sequence. If you do, the vehicle may not start.

WARNING: Do not program the vehicle while parked in unsafe locations including in heavy traffic or places without cell phone service and the internet (if possible).

High Octane Mode

Functionality

Can be found by pressing the “Gauges” button within the Main Menu.

High Octane mode will default to OFF on start-up. To activate the High Octane mode press and release the High Octane button located within the Direct Connection Tuner. The LED indication light on the button will turn ON and a message will appear on the DC Tuner screen “High Octane ON.”

If the fuel requirements are not met, system error message “High Octane OFF Fuel Quality Too Low” will be displayed for 5 seconds as well as the LED indication light will flash. The High Octane mode will default to OFF.

To deactivate the High Octane mode, press and release the High Octane button located within the Direct Connection Tuner.

The LED indication light on the button will turn OFF and a message will appear on the DC Tuner screen “High Octane OFF.”

LED indication light will flash and a fault message will appear for 5 seconds and turn OFF if there is a system error.

System error messages are as follows:

- High Octane status cannot be changed with Foot on Gas.
- High Octane status cannot be changed when Cruise Control is Set.
- High Octane will be unavailable if there are System Faults.
- High Octane is not available in Reduced Power Modes.

High Octane mode will not remain ON if the ignition is cycled.

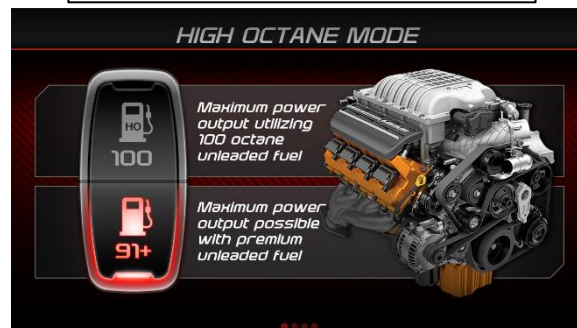
Fuel Requirements

NOTICE

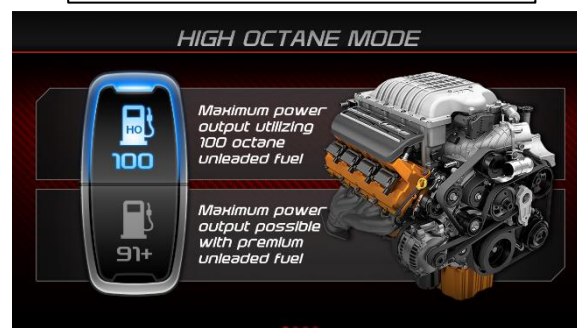
Use of gasoline with a lower than recommended octane number or leaded gasoline can cause engine failure and may void or not be covered by the Direct Connection Limited Warranty.

When the High Octane mode is not engaged, a high-quality unleaded “Premium” gasoline having a posted octane number of 91 or higher as specified by the (R+M)/2 method is required. When the High Octane mode is engaged, the calibration requires high-quality unleaded gasoline with a posted octane number of 100 as specified by the (R+M)/2 method. If the fuel mixture in the tank does not meet the required 100 octane number during High Octane mode, the calibration will revert back to the factory octane calibration to avoid engine damage. Use of gasoline with a lower than recommended octane number or leaded gasoline can cause engine failure and may void or not be covered by the Direct Connection Limited Warranty.

High Octane OFF



High Octane ON



Dealer Installed Vehicle Option VIN Assignment

After installing the stage kit on the vehicle, your Dodge Power Broker dealership can assign the Dealer Installed Vehicle Option to the vehicle VIN. See your Power Broker dealer to assign the appropriate option code associated with the stage kit that has been installed on your vehicle.

Vehicle Option Code	Application
6TQ	Redeye Pre-Stage Kit
6TR	Redeye Stage 1 Kit
6TS	Redeye Stage 2 Kit

NOTICE

It is advised to add Dealer Installed Vehicle Options after installing all stage kits to minimize communication interruptions with vehicle modules. 2018 Challenger Demon and Super Stock vehicles should use the same Option Codes as Redeye vehicles.

California Air Resources Board Executive Label

All models have a VECI Label. Chrysler permanently attaches the label in the engine compartment. It cannot be removed without defacing information and destroying the label.

Please place the CARB E.O. Label Supplied in the Kit directly next to the VECI label. **This product information label is required to aid in passing the California Smog Check program.**

NOTICE

If you are a 2018 Challenger Demon owner and your kit did NOT come with D-265-72 EO Labels, you MUST contact the DC Tech Hotline to have a D-265-72 EO label sent to you to meet CARB Installation Requirements. Either D-265-71 and D-265-72 EO Labels are OK to use on Challenger Redeye and Super Stock vehicles.

The label contains the Executive Order Number for the Direct Connection Hellcat Redeye Stage 1 Kit.



MOPAR
26311 Lawrence Ave
Center Line, MI 48015
888-528-HEMI

The following kit part number
has been issued under
C.A.R.B. E.O.

D-265-72
Redeye Stage 1 Kit
77072581AB

THIS PAGE INTENTIONALLY LEFT BLANK