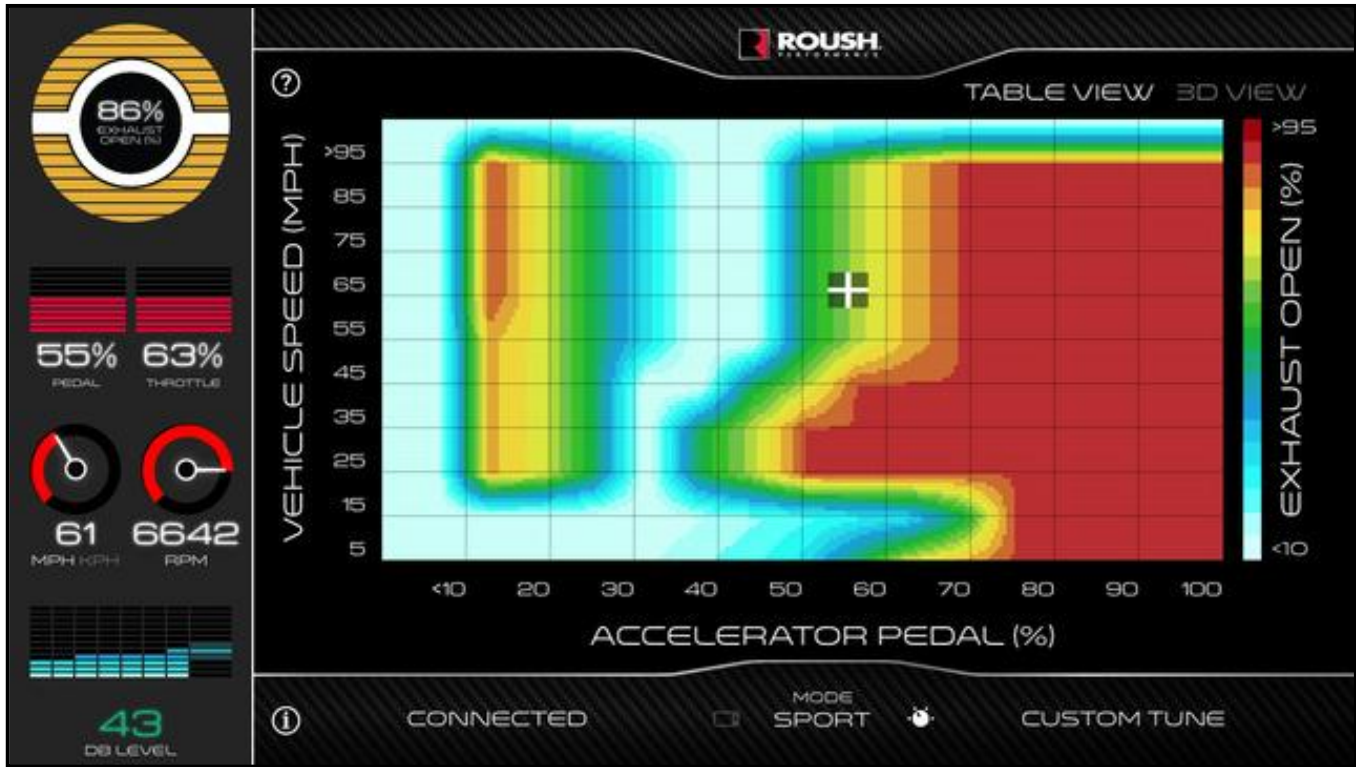# Active Exhaust User Guide

Application: 2015+ Ford Mustang

P/N: 421924 • 421925 • 421926 • 421927 • 421928

The patent pending Roush Active Exhaust flow control system is unique in the industry and allows the owner of the vehicle to "tune" their exhaust note for their driving conditions and preferences. The Active Exhaust App for iOS gives you the ability to both monitor the Active Exhaust system inside the vehicle while it's operating and design your own custom strategies for deciding how your vehicle sounds. Whether it's on the track or driving through town, you're in control!

Components required to use the ROUSH Active Exhaust App

- ROUSH Active Exhaust System
- ROUSH OBDII Active Exhaust Programmer*
- iPhone, iPad or iPod Touch with iOS 7.1 or later
- ROUSH Active Exhaust iOS Application

*Included with the ROUSH Active Exhaust System

LIMIT OF LIABILITY STATEMENT

The information contained in this publication was accurate and in effect at the time the publication was approved for printing and is subject to change without notice or liability. ROUSH Performance Products (RPP) reserves the right to revise the information presented herein or to discontinue the production of parts described at any time.

SAFETY REQUIREMENTS

STOP! READ IMPORTANT SAFETY CAUTIONS AND WARNINGS BEFORE PROCEEDING.

IMPORTANT SAFETY NOTICE

Appropriate disassembly, assembly methods and procedures are essential to ensure the personal safety of the individual performing the kit installation. Improper installation due to the failure to correctly follow these instructions could cause personal injury or death. Read each step of the installation manual carefully before starting the actual installation.

1. Always wear safety glasses for eye protection.
2. Place ignition switch in the OFF position.
3. Always apply the parking brake when working on a vehicle.
4. Chock the front and rear tires to prevent unexpected vehicle movement.
5. If working without a lift, always consult vehicle manual for correct lifting specifications.
6. Operate the engine only in well-ventilated areas to avoid exposure to carbon monoxide.
7. Do not smoke or use flammable items near or around the fuel system.
8. Use chemicals and cleaners in well-ventilated areas.
9. Batteries produce explosive gases, which can cause personal injury. Therefore, do not allow flames, sparks or flammable substances to come near the battery.
10. Keeps hands and any other objects away from the radiator fan blades.
11. Keep yourself and your clothing away from moving parts when the engine is running.
12. Do not wear loose clothing or jewelry that can get caught in rotating parts or scratch surface finishes.
13. Allow the engine, cooling system, brakes and exhaust to cool before working on a vehicle.

WORK SAFELY!
Perform this installation on a good clean level surface for maximum safety and with the engine turned off.

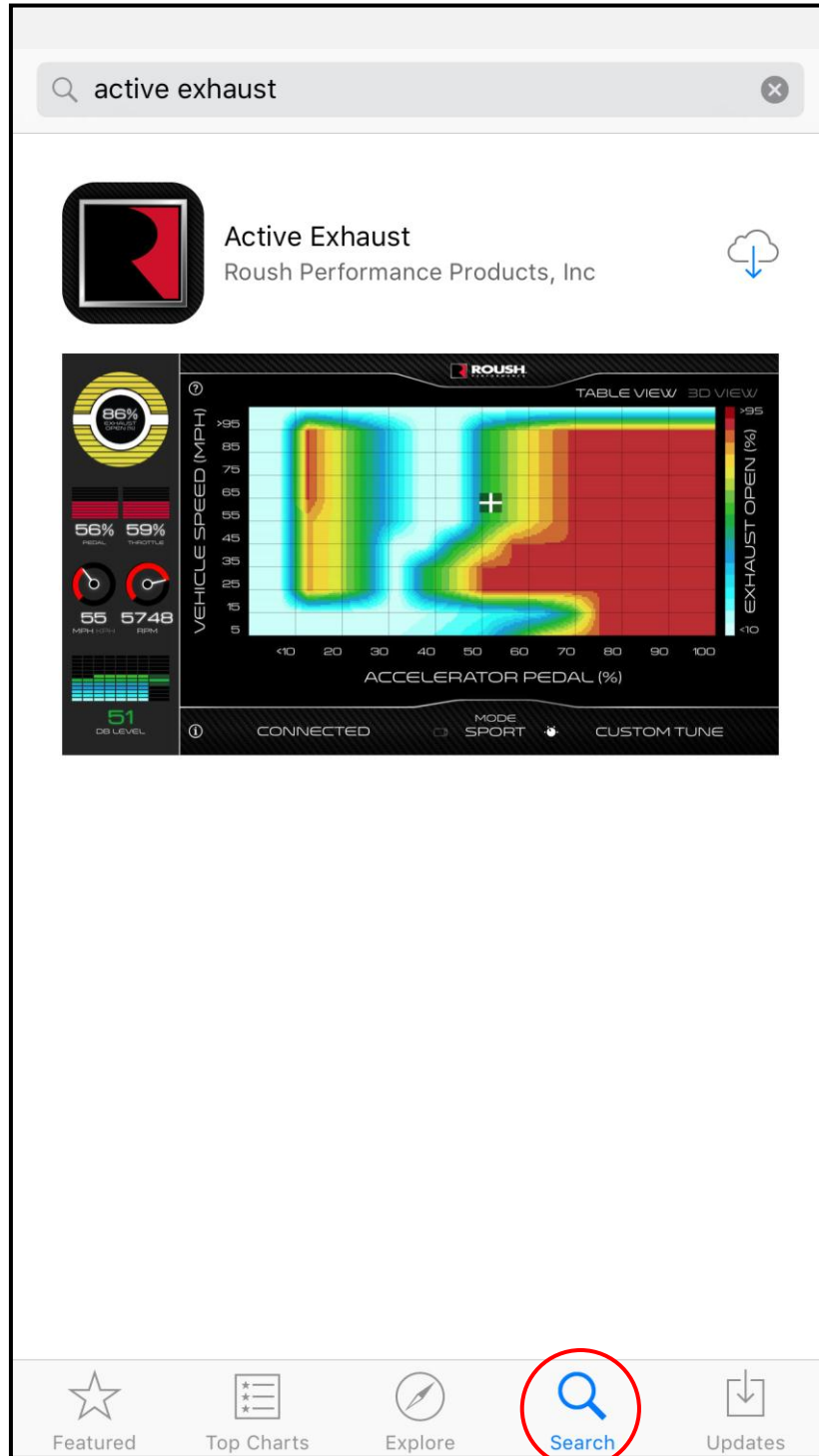## Downloading the Active Exhaust App

1. To download the ROUSH Active Exhaust App first enter the "App Store" on your iPhone, iPad or iPod Touch with iOS 7.1 or later.
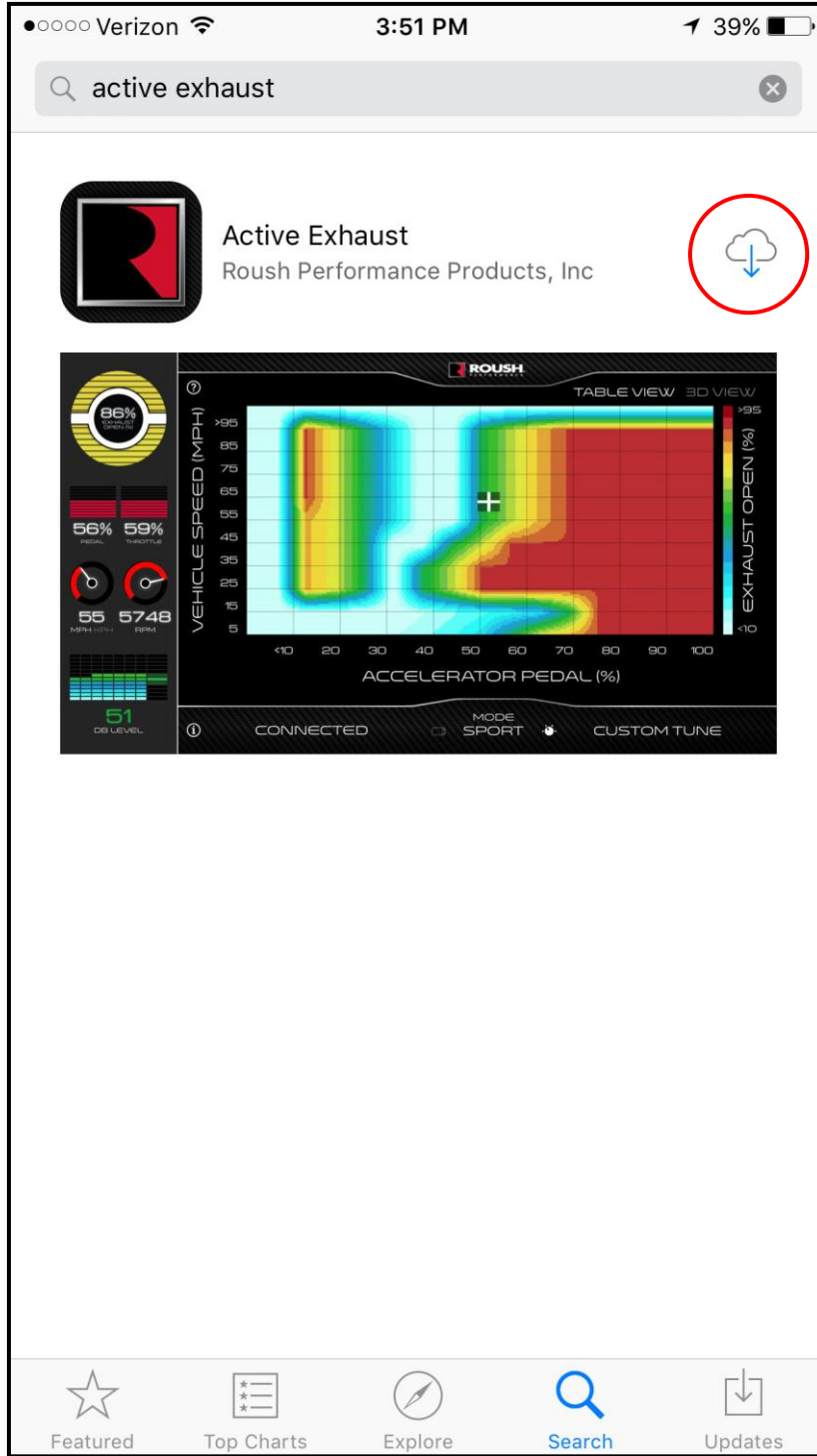
2. Once in the "App Store" select "Search" and enter in "Active Exhaust" to find the ROUSH Active Exhaust App.

3. Select the download icon as shown.

Using the Active Exhaust App

1. To use the ROUSH Active Exhaust App with the ROUSH Active Exhaust System plug the OBDII Programmer into the vehicles OBDII port which is located just above and to the passenger side of the vehicles hood release. Once connected the OBDII Programmer will display a solid red light indicating that it is powered along with a pulsing blue light indicating the Wi-Fi linking capability is active.

2. Turn on the vehicle ignition in order to power up the Active Exhaust System.

3. Using your iPhone, iPad or iPod Touch with iOS 7.1 or later and the latest ROUSH Active Exhaust App enter the "Settings" menu in order to begin connecting to the OBDII Programmer.
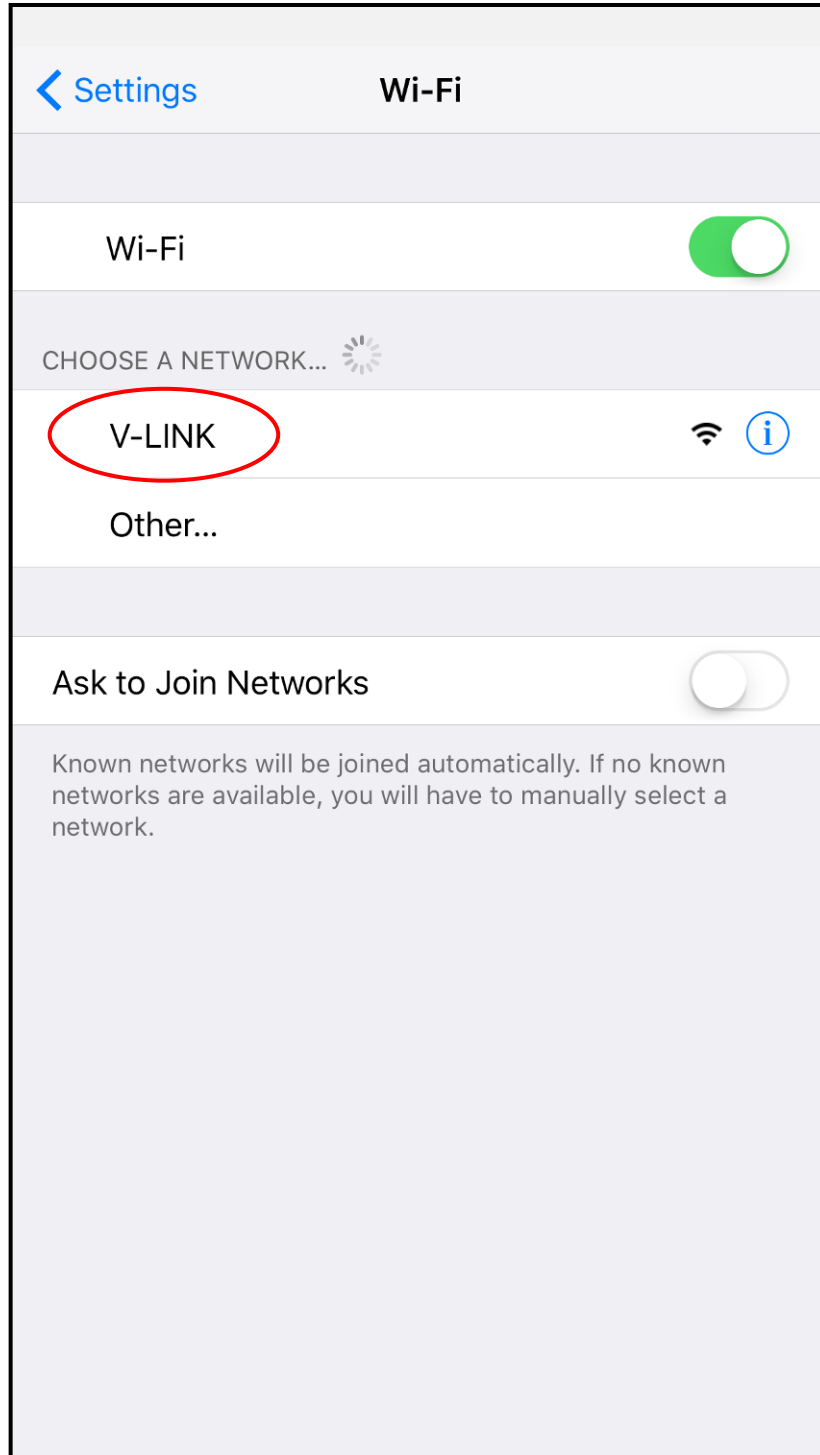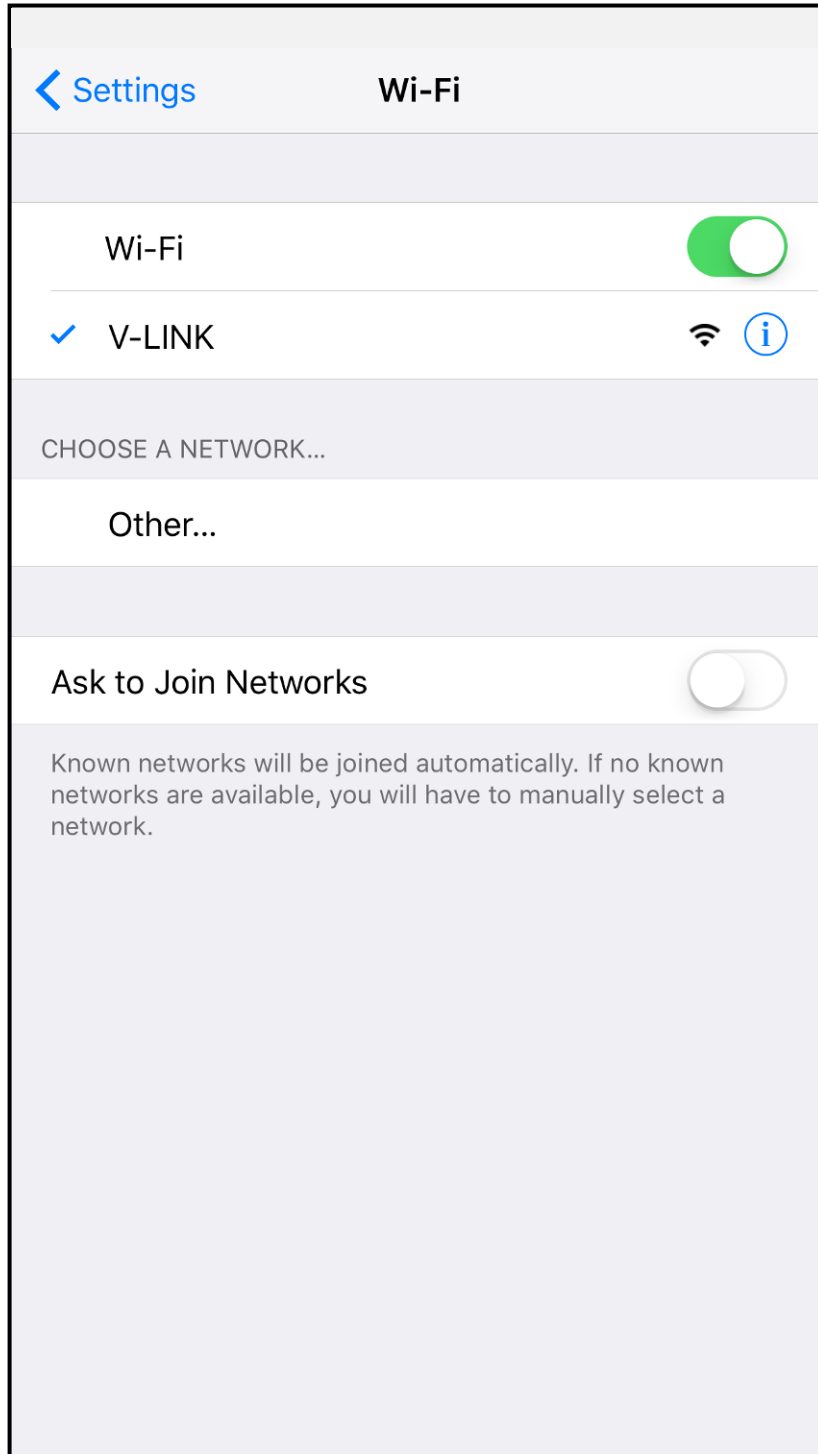
4. Select "Wi-Fi".
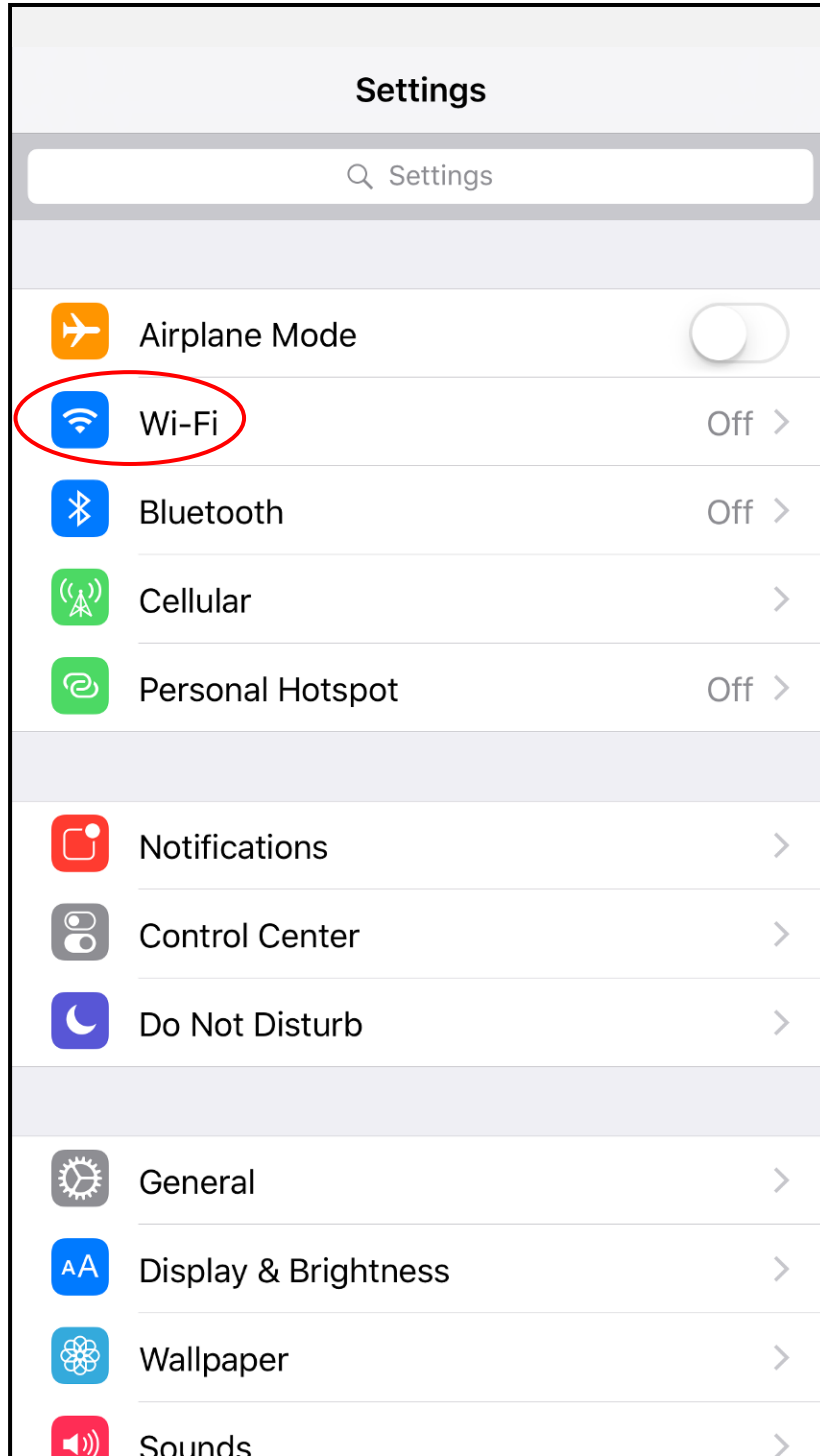
5. With the OBDII Programmer powered up select the "V-LINK" network to connect to it.

6. Once your device has successfully connected a check mark will be displayed next to the V-LINK network.
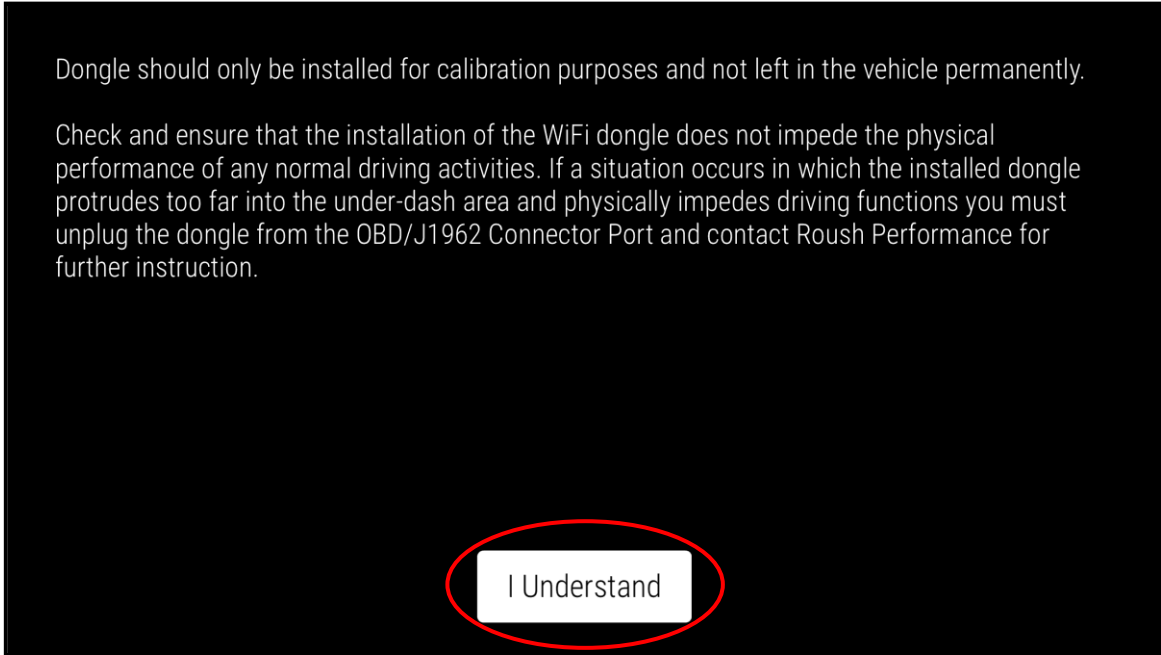
7. Exit the "Settings" menu and select the "Active Exhaust App."

8.   Once you fully read and understand the Safety Warning select "I Understand."

Dongle should only be installed for calibration purposes and not left in the vehicle permanently.

Check and ensure that the installation of the WiFi dongle does not impede the physical performance of any normal driving activities. If a situation occurs in which the installed dongle protrudes too far into the under-dash area and physically impedes driving functions you must unplug the dongle from the OBD/J1962 Connector Port and contact Roush Performance for further instruction.

I Understand

9.   The App will open up to the Dashboard. Verify that "Connected" is displayed to the lower left ensuring that your device is successfully paired with the V-LINK network and the Active Exhaust App. The OBDII Programmer will now display a rapidly pulsing green light.
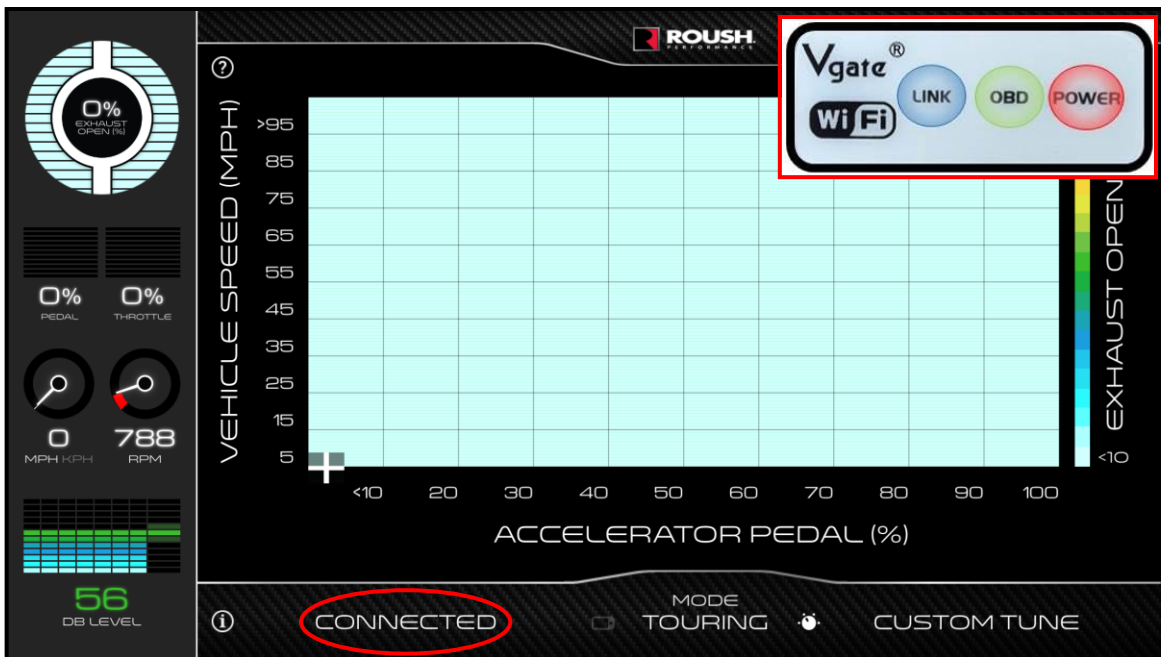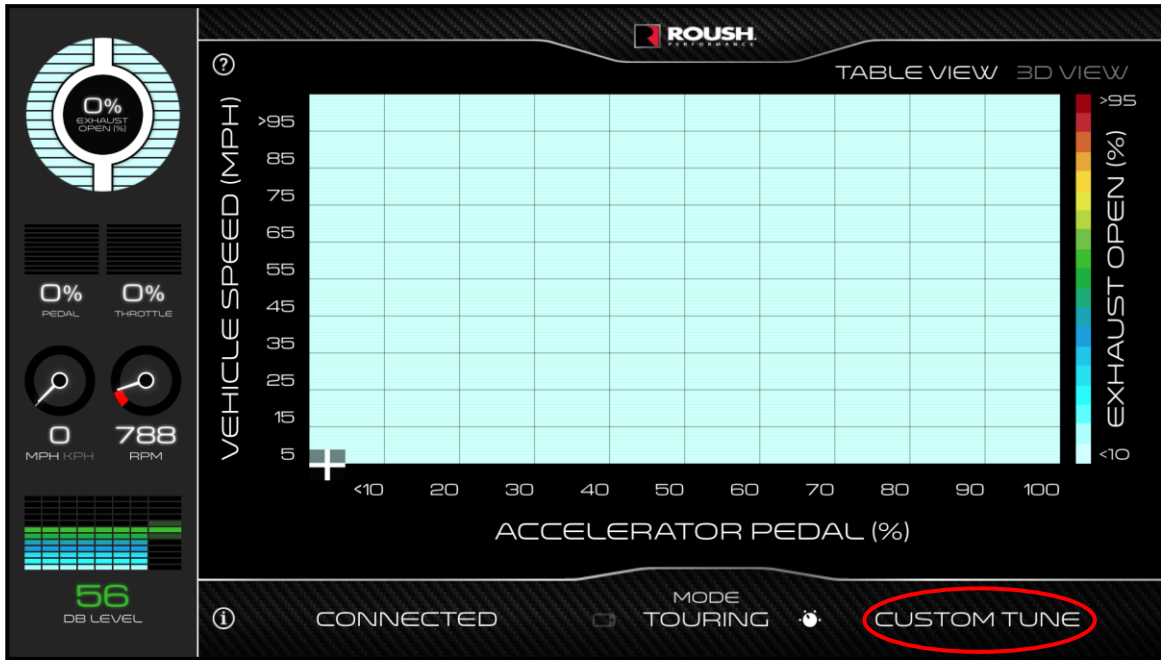
10. To change the exhaust mode from the App select "Mode" from the bottom middle portion of the display and then select the desired exhaust mode.
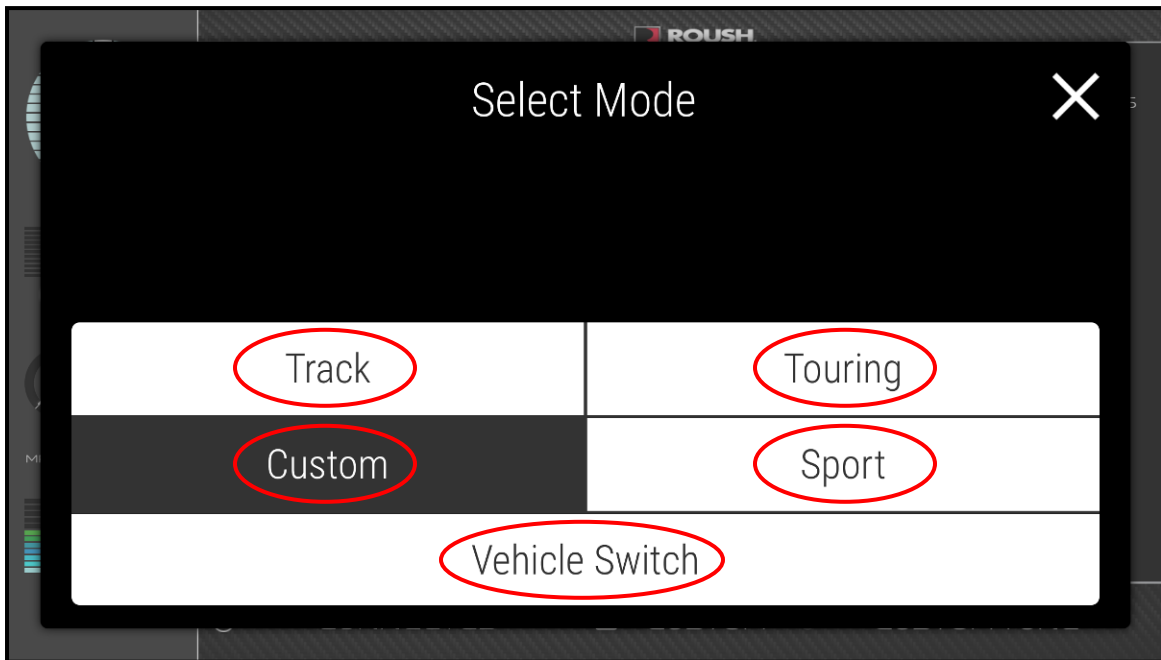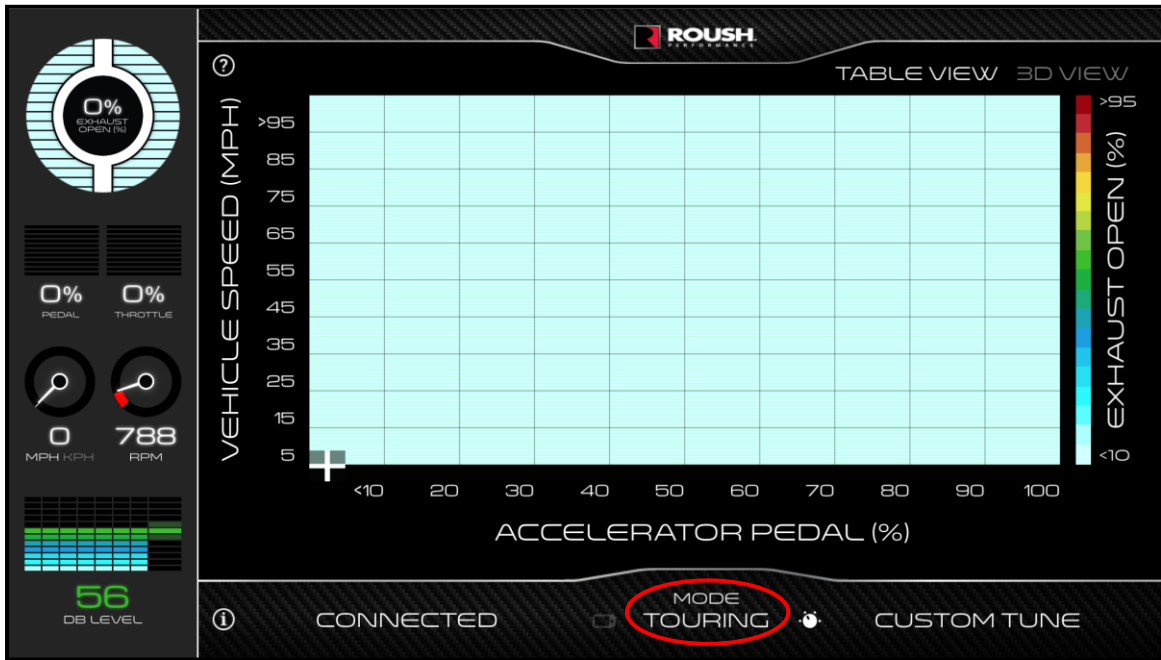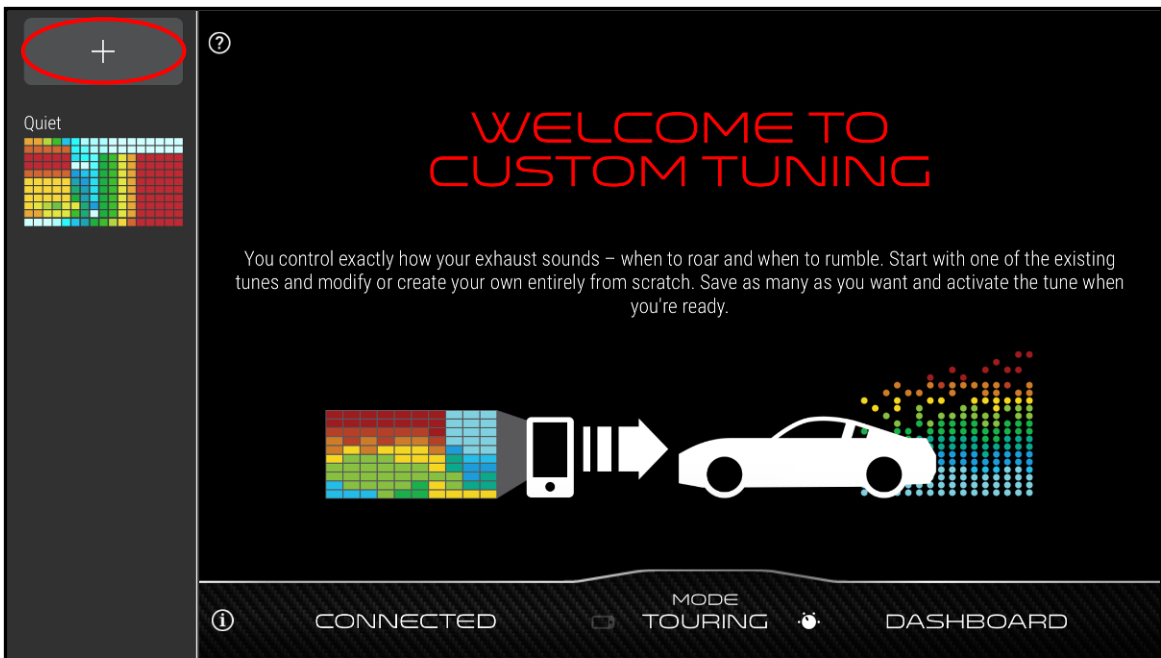
11. In order to create a Custom Tune select "Custom Tune" from the dashboard and follow the prompt that is displayed.
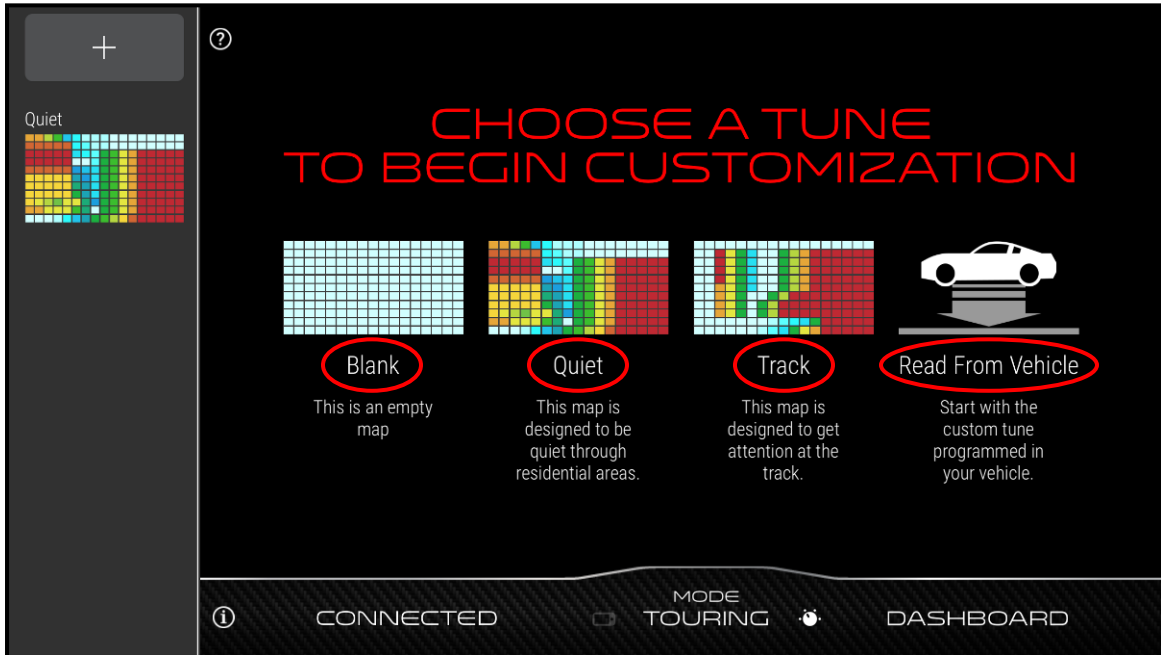

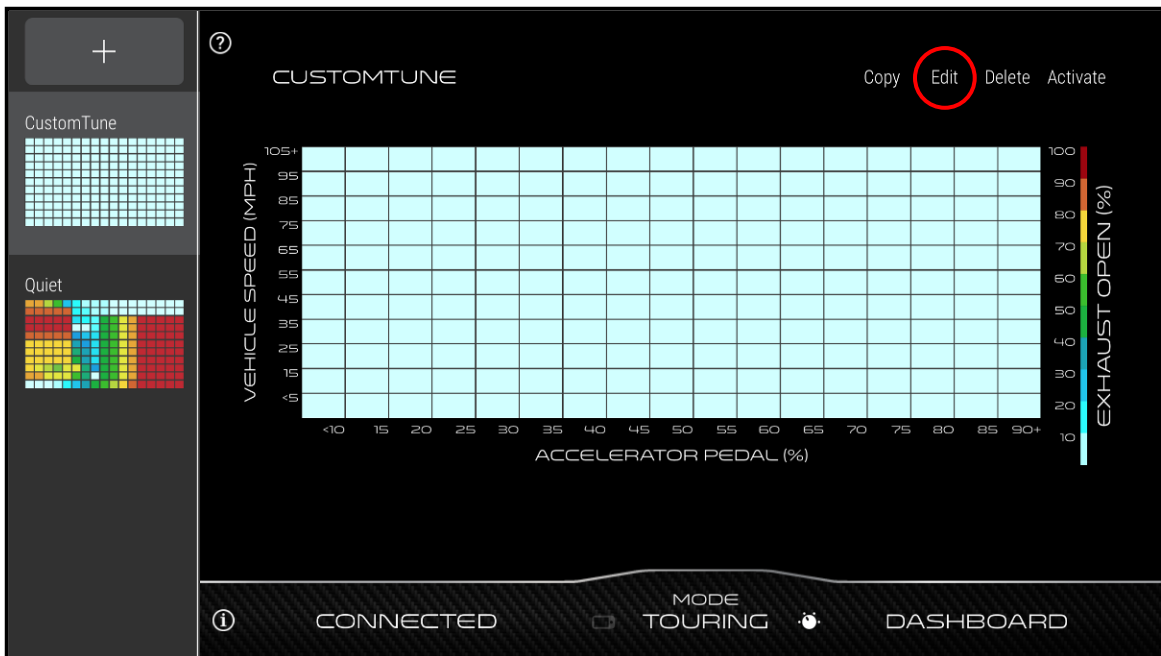12. Once in the "Custom Tuning" mode select the "+" icon.
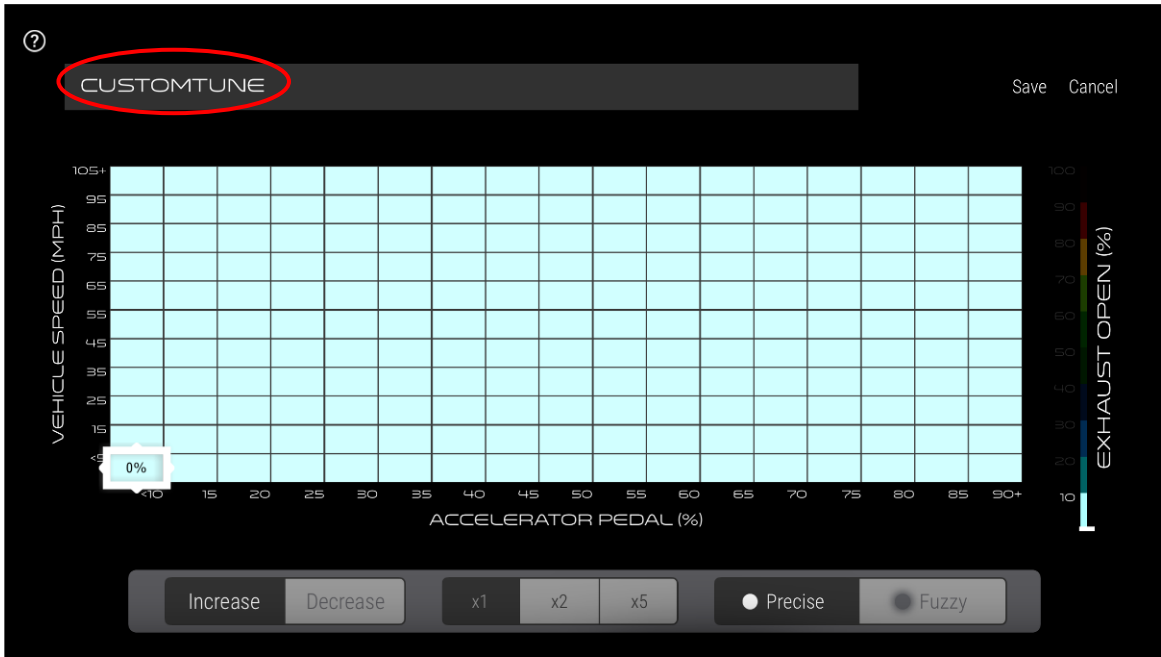
13. Select a preset to begin tuning.

14. Select "edit" on the top right of the screen.

15. Create your file name by selecting the text box in the upper left corner.

16. Select either increase or decrease, the desired multiplier and either precise or fuzzy to begin shading in the grid. Press and hold on the desired cells to shade them as indicated by the "Exhaust Open (%)" (white means the valve position is fully closed and red means the valve position is fully open).
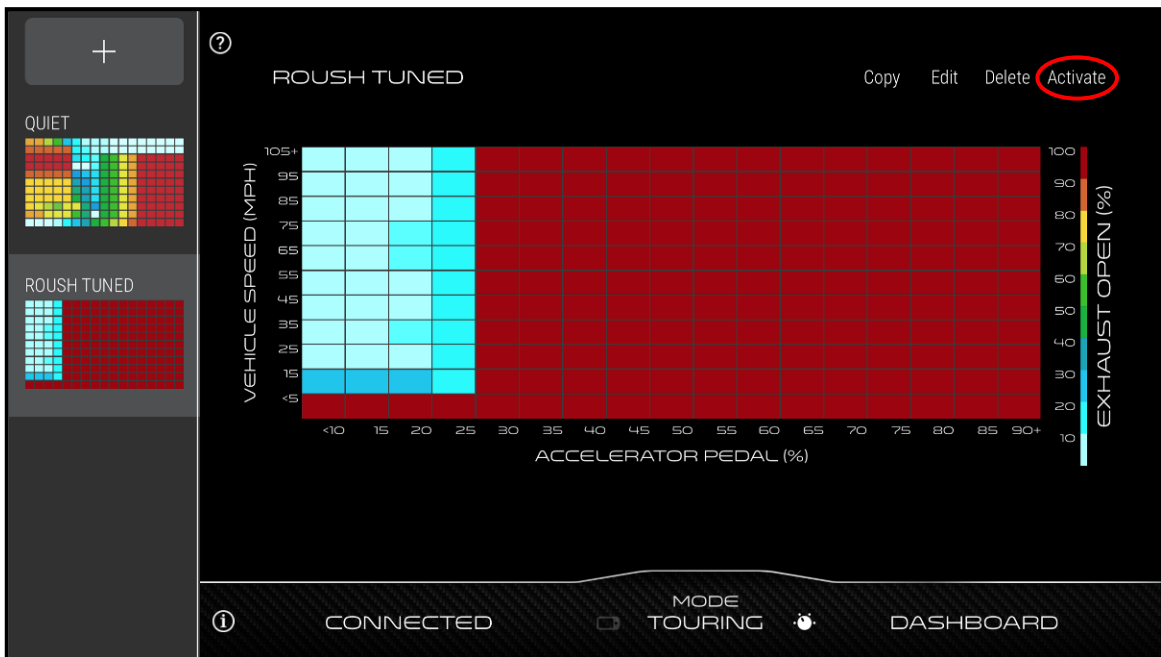
17. Once you are completed with your calibration select "Save" in the top right corner of the screen.

18. With your desired tune selected press "Activate" in order to upload it into the active exhaust module to be stored under the "Custom" setting (this does not affect the touring, sport or track settings).

19. Once the activation process has completed you are ready to enjoy your Custom tune!