HPtuners

TDN

App User Guide

19 June 2025

TABLE OF CONTENTS

ABOUT TDN 5
WORKING WITH A TUNER 5
SUPPORTED INTERFACE DEVICES 6
SUPPORTED VEHICLES 6

RECOMMENDED USAGE AND CLEANING 7

GETTING STARTED 8
INSTALLING THE TDN APP 8
INITIAL DEVICE SETUP (APPLE IOS) 9
INITIAL DEVICE SETUP (ANDROID) 18

USER INTERFACE 25
NAVIGATION BAR 25

ACCOUNT CREATION AND CONFIGURATION 27
CREATING AN HPTUNERS.COM ACCOUNT 27
CREATING AN HPTUNERS.COM ACCOUNT 29
FILLING OUT YOUR ACCOUNT PROFILE 31

READING AND WRITING TUNES 33
READING YOUR CAR'S CURRENT TUNE 33
APPLYING THE LATEST TUNE FROM YOUR TUNER 36
ADVANCED WRITE OPTIONS 41

DATA LOGGING 43
GENERATING A DATA LOG 43
SENDING LOG FILES TO YOUR TUNER 46
DELETING UNWANTED LOG FILES 47
ADDING A DESCRIPTION TO A LOG FILE 47
SELECTING SCANNER CONFIGURATION FILES 47

READING DIAGNOSTIC TROUBLE CODES 49

THE SETUP / TOOLS MENU 51

SUPPORTED CONTROLLERS 54
FORD 56
FCA / STELLANTIS 57
VAG 58
PORSCHE 58
MERCEDES 58
POWERSPORTS 59

RTD FACE PLATE DESCRIPTION 60
RTD RGB STATUS LED DESCRIPTION TABLE 61
RTD RGB BT (BLUETOOTH) LED DESCRIPTION TABLE 63
RTD STANDALONE DATA LOGGING & BLUETOOTH BUTTON 64

MANUFACTURING & REGULATORY SYMBOLS 65

CUSTOMER SUPPORT 67
HP TUNERS SUPPORT TICKETS 67
HP TUNERS KNOWLEDGE BASE 67
SENDING AN INFO LOG 68

REVISION HISTORY

Date	Revisions
November 2021 (Version 1.0)	Initial Release. Replaced "TDN End User Guide" (beta)
November 22, 2021	Added instructions for sending an Info Log to Customer Support.
January, 2022	Combined Android and iOS manuals into a single document. Documented new options in Setup / Tools menu.
April, 2022	Added *Supported Controllers* list.
September, 2022	Added *Supported Interface Devices*, *Getting Started*, and *Installing the TDN App*.
November 2024	Included new AI Tech Support Chatbot verbiage
April 2025	Included CE symbols/labels, FCC notices, and face plate descriptions

Copyright © 2025 HP Tuners LLC. All Rights Reserved.

ABOUT TDN

Tune Delivery Network (TDN) is a suite of applications that allows users to easily exchange tuning files and log files with their selected tuner. The suite includes:

- A mobile app that allows users to retrieve scan files from their vehicles, send them to their selected tuner, and then apply tuned files that the tuner returns.
- A web portal that is used by tuners to receive submitted scan files, keep the received files organized by customer and vehicle, and send completed tuning files back to their customers.

This guide covers the TDN mobile app.

WORKING WITH A TUNER

The TDN app is designed to help customers easily exchange vehicle tune files and log files with an HP Tuners-authorized tuner, whether that tuner is just around the corner or on the other side of the country.

> **NOTE:** Unless you have a relationship with an authorized tuner, you cannot use this software to tune your vehicle.

Copyright © 2025 HP Tuners LLC. All Rights Reserved.

Before you begin, you will need to identify a tuner that is knowledgeable about the tuning needs of your vehicle make and model and is willing to take you on as a customer. Once you have selected a tuner, the tuner can advise you on any special requirements of the vehicle to be tuned.

SUPPORTED INTERFACE DEVICES

You must have one of the following interface devices to connect your phone or tablet to the vehicle:

- MPVI3
- RTD Gen3
- RTD Gen 4

> **NOTE:** In order to support the most recent generation of devices (above), you must have a version of the TDN app dated April 2025 or later. If you installed TDN prior to this date, update to the latest version.

- MPVI2+
- RTD+
- MPVI2 (Android phones and tablets only)
- RTD (Android phones and tablets only)

SUPPORTED VEHICLES

Consult your tuner to see whether the vehicle you wish to have tuned is supported at this time.

> **NOTE:** The Supported Vehicles List on the hptuners.com website is for the VCM Suite of applications used by the tuners themselves. The TDN app supports only a subset of these vehicles. If you know which controllers your vehicle contains, you can check the list later in this book. See ***Supported Controllers*** **(Page 54)**.

RECOMMENDED USAGE AND CLEANING

Please note the following guidelines for use and care of RTD. Use of this device in any manner not specified by HP Tuners may impair the protections provided by the device.

ENVIRONMENTAL CONDITIONS

- The RTD is not intended for exposed use. Keep dry.
- Only non-conductive pollution occurs, except that occasionally a temporary conductivity caused by condensation is expected.
- Operating temperature: -20 to 50 °C
- Altitude: 0 to 2000 meters
- Humidity: 10 to 90%

CLEANING

Wipe clean with a cloth dampened with water or isopropyl. DO NOT immerse.

GETTING STARTED

Once you have identified a tuner to work with, you will need to do the following to get started using TDN:

1. Obtain a supported interface device. In many cases, an appropriate interface device will be supplied by your selected tuner. Alternately, you can purchase a device directly from the HP Tuners website:
   - **https://www.hptuners.com/mpvi3/**
2. Install the TDN app on the phone or tablet you wish to use. See *Installing the TDN App* (Page 8) for instructions.
3. The first time you open the TDN app, you will be prompted to perform the initial setup for your interface device:
   - Apple iOS (Page 9)
   - Android (Page 18)
4. Follow the tasks in *Account Creation and Configuration* (Page 27) to setup an account with HP Tuners and connect to your selected tuner.

INSTALLING THE TDN APP

ANDROID

1. Open a browser on the phone or tablet.
2. Go to the **Tune Delivery Network (TDN)** page in the Google Play Store:

   https://play.google.com/store/apps/details?id=com.hptuners.tdn
3. Click the **Install** button.

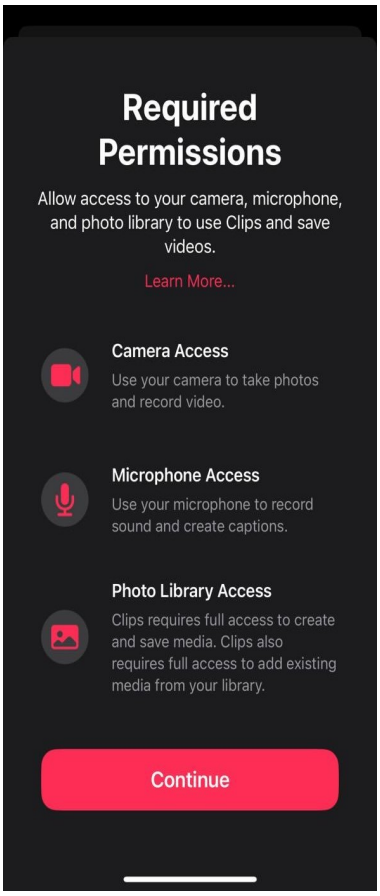
APPLE IOS

1. Open a browser on the phone or tablet.
2. Go to the **Tune Delivery Network (TDN)** page in the App Store:

   https://apps.apple.com/us/app/tune-delivery-network-tdn/id1590560864
3. Click the **Install** button.

INITIAL DEVICE SETUP (APPLE IOS)

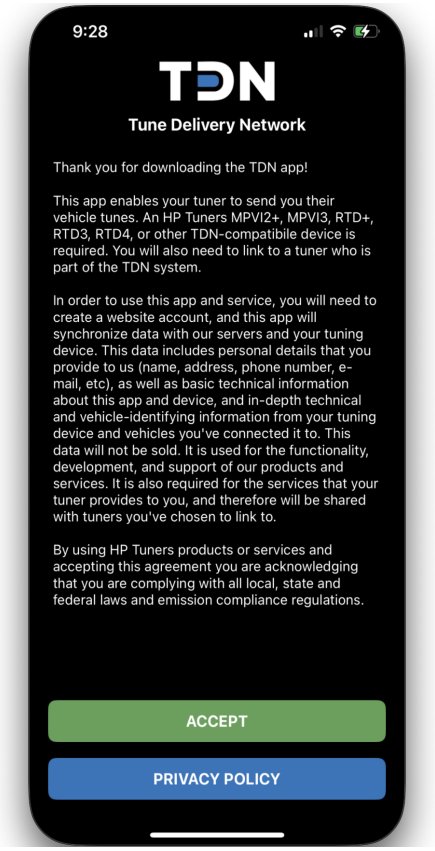
> **NOTE:** Once downloaded the TDN App will ask permission to use your camera, microphone, and photos. Select "Continue".



1. When you open the TDN app for the first time, the app will display a welcome page that asks you to read and accept our Website Privacy Policy.

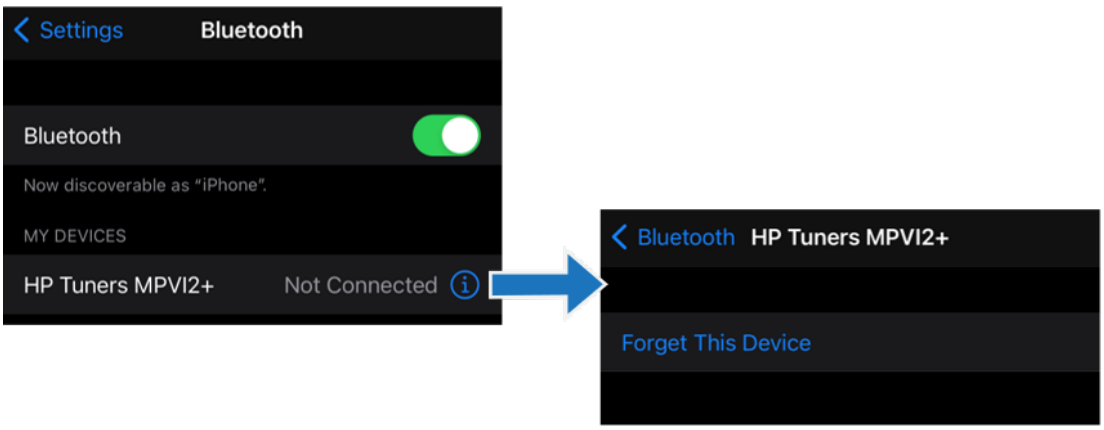
a. Select **PRIVACY POLICY** to open the privacy policy document. When you are finished reading, click **Done** to return to the initial screen.

b. Tap **ACCEPT**.



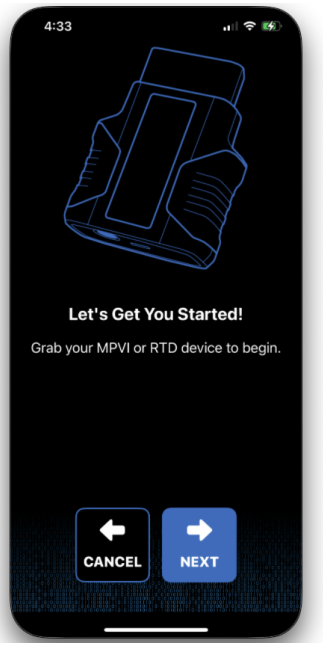
2. The app will indicate that if you have previously paired this device with an interface device, you may need to reset its Bluetooth® pairings.

3. Follow these steps to check for and delete old pairings:
   a. Go to your phone's Settings app.



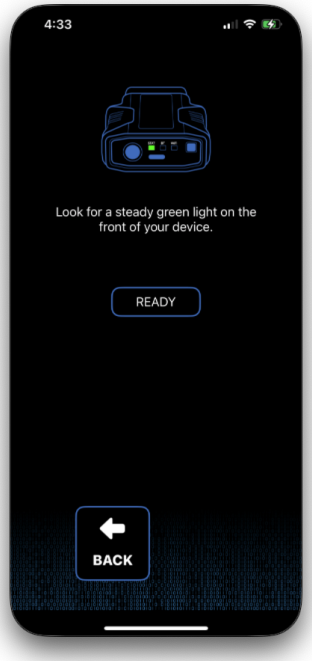
   b. If an HP Tuners interface device is listed as a paired device, tap the circled i icon and then select **Forget this Device**.

4. Tap **NEXT**. The app indicates that it is about to set up your interface device.



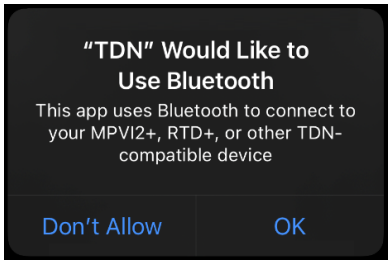
5. Tap **NEXT**.

6. The TDN app prompts you to connect your interface device to your vehicle's OBD-II port and turn the vehicle's ignition on. Go ahead and do so.
7. Tap **NEXT** and wait for the STAT light on the front of the device to turn green.

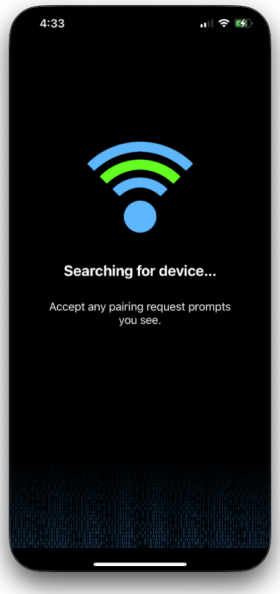


8. When STAT or PWR is on solid, hold down the button on the front of the device until the BT light starts flashing.

9. If your phone prompts you to confirm that the TDN app is allowed to access Bluetooth®, tap **OK** to grant access.

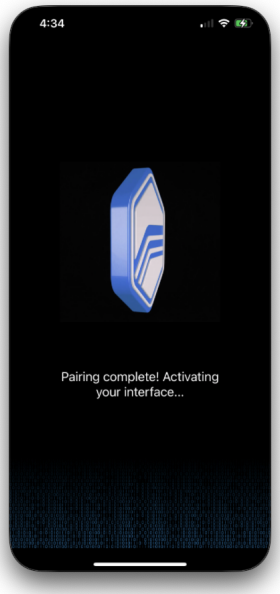


10. Tap **NEXT**. The app will begin scanning for compatible devices.

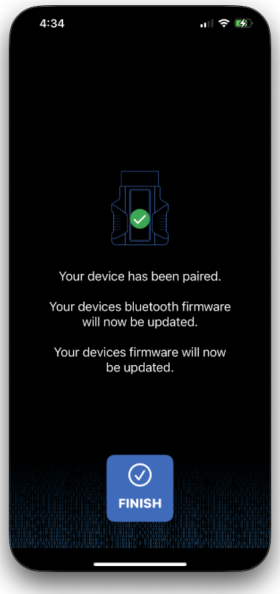


> **NOTE:** If issues persist, exit the setup wizard page and login to your HP Tuners account and enter in your credentials by tapping the ACCOUNT button and entering your email and password, Re-try the process once you have successfully logged into your HP tuners account. Refer to "***Account Creation and Configuration*** **(Page 27)**", if you do not have an HP tuners account.

11. Once the app has detected your device, it will attempt to establish a Bluetooth pairing with the device. If your phone prompts you to pair with the device, be sure to confirm.
12. After successful pairing, the app will attempt to synchronize the device with the server.



13. When the sync process is finished, the app will indicate that setup is complete. Click **Done** to exit the setup wizard.
14. If there are any firmware updates that need to be applied to your interface device, they will be downloaded and applied now. Depending on the size of the updates, this may take several minutes. Be sure to keep your phone connected to the internet and near the device until this process is complete.
15. When all firmware updates have been applied, the initial setup process is complete, ensure to press **Finish**.

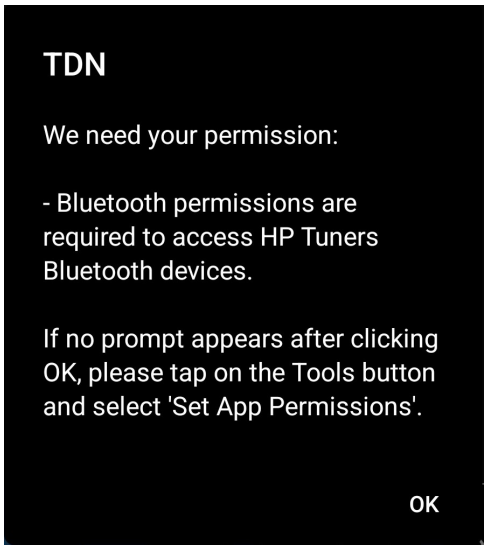


NOTE: If you do not yet have an HP Tuners account, see "***Account Creation and Configuration*** **(Page 27)**".

NOTE: We recommend re-syncing IMMEDIATELY after pairing your device to bluetooth, By tapping the TOOLS and tapping "Resync RTD4".

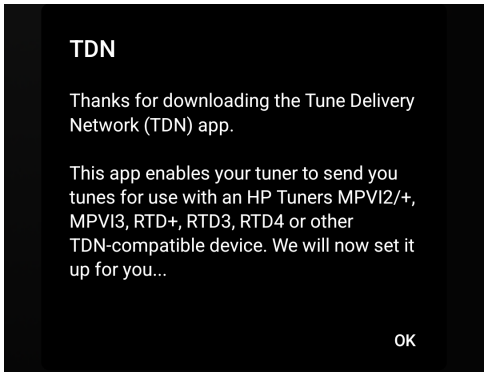
INITIAL DEVICE SETUP (ANDROID)

1. When you open the TDN app for the first time, the app will display a welcome page that asks you to read and accept our Website Privacy Policy.
   a. Select **PRIVACY POLICY** to open the privacy policy document in a browser window.
   b. When you are finished reading the privacy policy, return to the TDN App and then tap **ACCEPT**.
2. The app will prompt you for permission to access your phone's Bluetooth®. Tap **OK** to allow access.

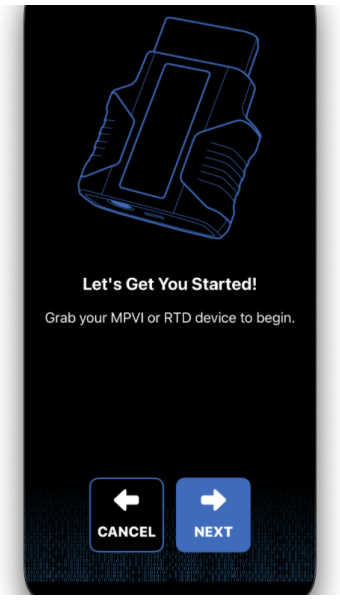


3. Your phone may respond by prompting you to confirm that the TDN app is allowed to access Bluetooth®. Grant access if prompted.

4. The app will inform you that it is going to begin configuring your TDN-compatible device. Tap **OK** to proceed.

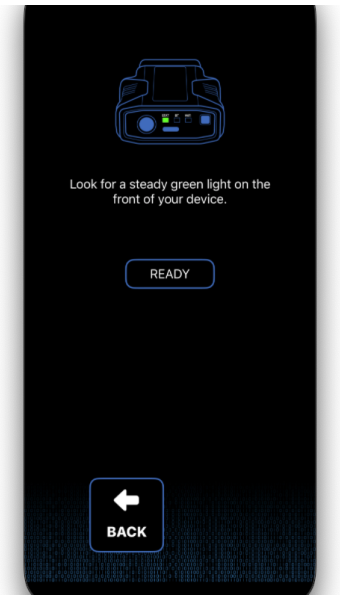


5. The app indicates that it is about to set up your interface device.



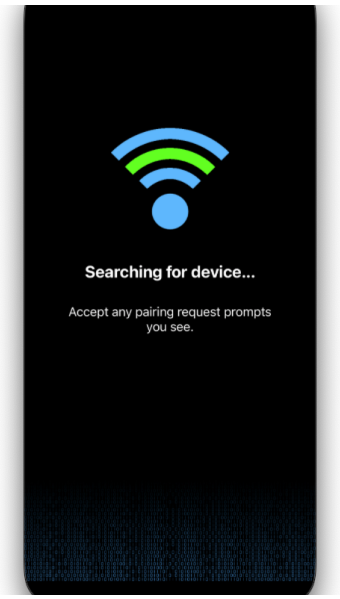
6. Tap **NEXT**.

7. The TDN app prompts you to connect your interface device to your vehicle's OBD-II port and turn the vehicle's ignition on. Go ahead and do so.
8. Tap **NEXT** and wait for the STAT light on the front of the device to turn green.



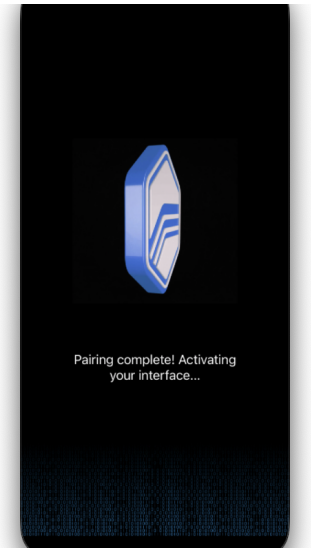
9. When STAT or PWR is on solid, hold down the button on the front of the device until the BT light starts flashing.

10. Tap **NEXT**. The app will begin scanning for compatible devices.

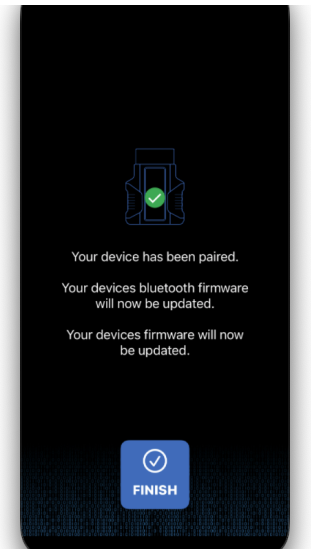


> **NOTE:** If issues persist, exit the setup wizard page and login to your HP Tuners account and enter in your credentials by tapping the ACCOUNT button and entering your email and password, Re-try the process once you have successfully logged into your HP tuners account. Refer to "***Account Creation and Configuration* (Page 27)**", if you do not have an HP tuners account.

11. Once the app has detected your device, it will attempt to establish a Bluetooth® pairing with the device. If your phone prompts you to pair with the device, be sure to confirm.
12. After successful pairing, the app will attempt to synchronize the device with the server, which may include downloading and applying firmware and resource updates to the device. Depending on the size of the updates, this may take several minutes. Be sure to keep your phone connected to the Internet and near the device until this process is complete.



13. When all firmware updates have been applied, the initial setup process is complete, ensure to press **Finish**.



NOTE: If you do not yet have an HP Tuners account, proceed to ***Account Creation and Configuration*** **(Page 27)**.

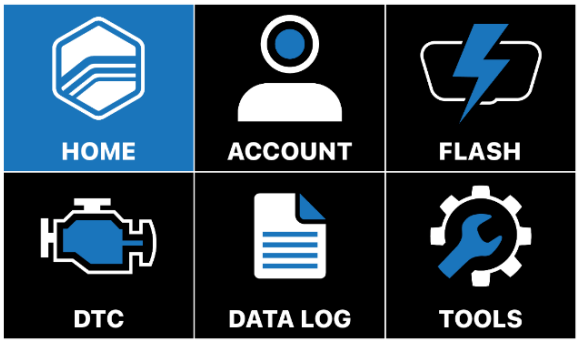
NOTE: We recommend re-syncing IMMEDIATELY after pairing your device to bluetooth, By tapping the and tapping "Resync RTD4".

USER INTERFACE

Once initial device setup is complete, the TDN home screen will be displayed. This is the initial screen that appears whenever you start the app.

NAVIGATION BAR

The primary feature of the home screen is the navigation bar along the bottom of the display. A smaller version of the navbar can be found along the bottom of many of the other screens in the TDN app.



The individual buttons in the navbar have the following functions:

Returns to the home screen.

Displays the TDN Account Login screen. HP Tuners accounts can be created and modified on this screen. See *Account Creation and Configuration* (Page 27).

Displays the Tunes screen. From this screen, you can read your car's current tune, send it to your tuner, and apply tuning files received from your tuner. See *Reading and Writing Tunes* (Page 33).

Displays the DTC screen, which allows you to read Diagnostic Trouble Codes (DTCs) from the vehicle. See *Reading Diagnostic Trouble Codes* (Page 49).

Displays the Data Log screen, which gathers live performance data from the vehicle. This data may be useful to your tuner in creating a new tune, or in validating a preliminary tune. See *Data Logging* (Page 43).

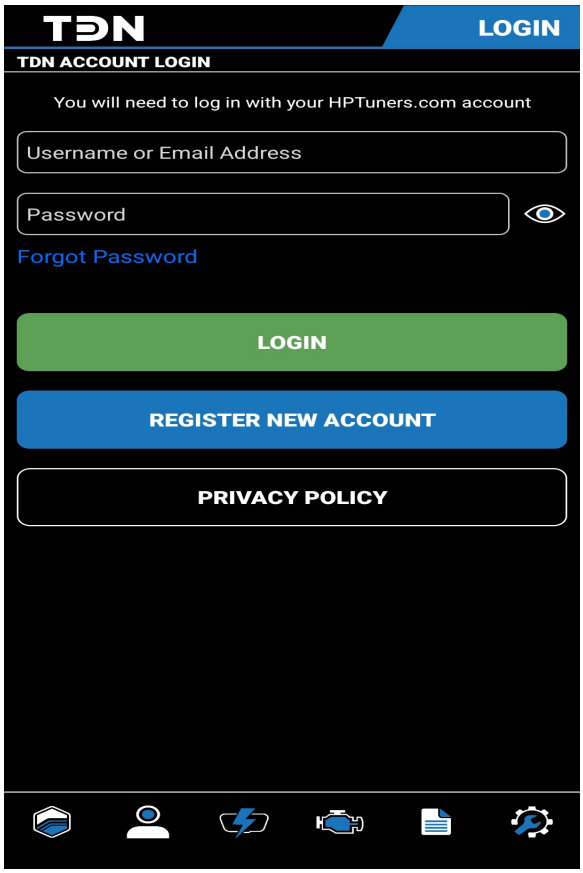
Displays the Setup / Tools Menu, which contains a handful of additional utilities and informational resources. See *The Setup / Tools Menu* (Page 51).

ACCOUNT CREATION AND CONFIGURATION

CREATING AN HPTUNERS.COM ACCOUNT

Once initial setup is complete, you will need to create an account with hptuners.com. Follow these steps:

1. Tap the **ACCOUNT** button in the navigation bar.
2. The TDN Account Login page appears. Tap the **REGISTER NEW ACCOUNT** button.



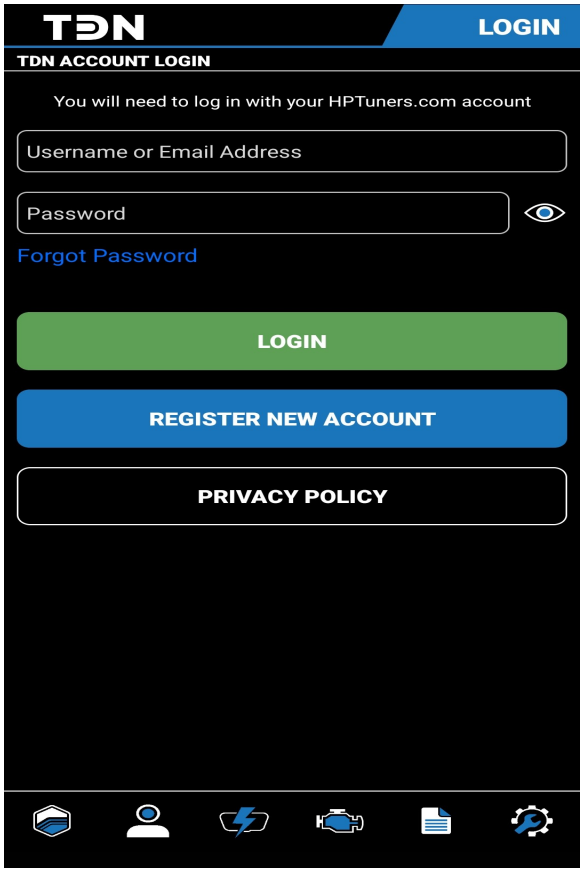
3. A browser window opens and displays the My Account page of the HP Tuners website. Click the **Sign up now** link at the bottom of the page.
4. The My Account Sign Up Page appears. Enter your email address and click the **Send Code**. A verification code will be sent to the email address entered.

5. Once you receive the code, enter the verification code in the space provided and fill out the remaining fields on the page.
6. Tap **Create**.

CREATING AN HPTUNERS.COM ACCOUNT

Once initial setup is complete, you will need to create an account with hptuners.com. Follow these steps:

1. Tap the **ACCOUNT** button in the navigation bar.
2. The TDN Account Login page appears. Tap the **REGISTER NEW ACCOUNT** button.



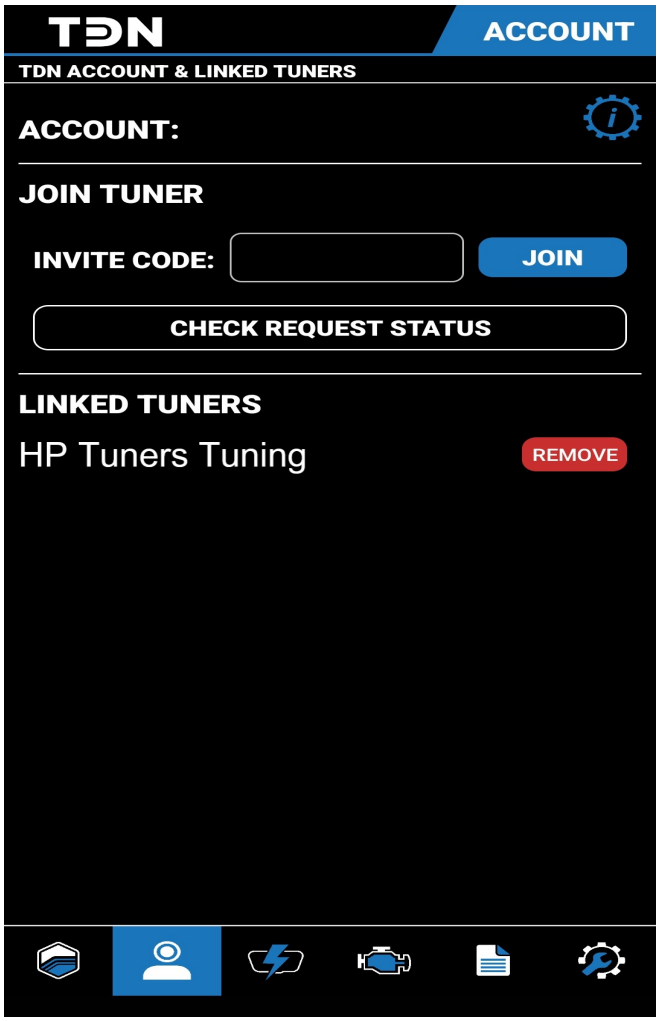
3. A browser window opens and displays the My Account page of the HP Tuners website. Click the **Sign up now** link at the bottom of the page.
4. The My Account Sign Up Page appears. Enter your email address and click the **Send Code**. A verification code will be sent to the email address entered.
5. Once you receive the code, enter the verification code in the space provided and fill out the remaining fields on the page.

6. Tap **Create**.

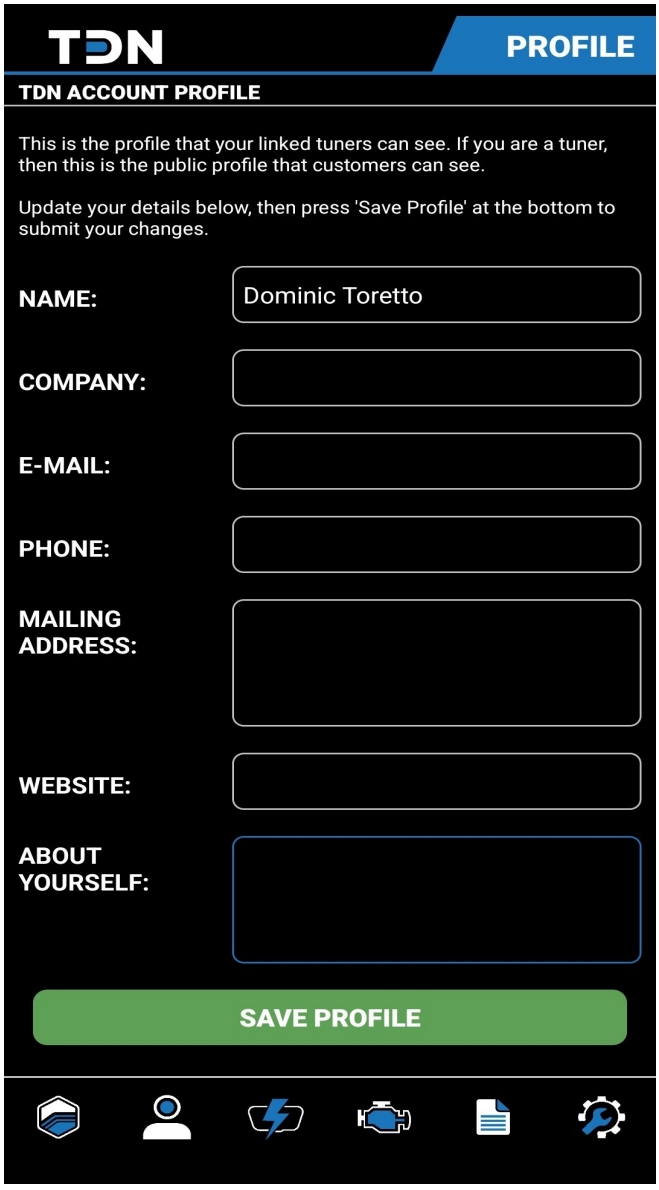
FILLING OUT YOUR ACCOUNT PROFILE

Before dealing with tuners, it's a good idea to make sure your profile has the information about you that you would like tuners to see. Follow these steps to configure your profile:

1. If the Account screen is not already displayed, go there now by selecting the **ACCOUNT** button in the navigation bar.



2. Tap the gear icon in the upper-right corner of the screen. The Account Profile page will appear.



3. Enter the contact information that you would like tuners to be able to see.
4. Tap **SAVE PROFILE**.

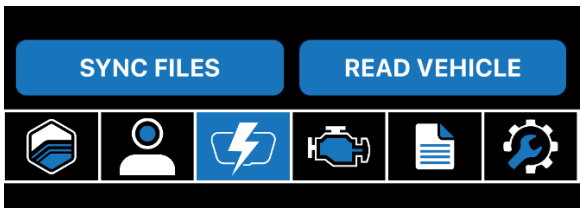
READING AND WRITING TUNES

READING YOUR CAR'S CURRENT TUNE

Your tuner will need a read of your car's current tune to get started. Follow these steps to read the tuning data from your car:

1. Before you begin, ensure that:
   - Your car has a fully charged battery.
   - Your phone has a fully charged battery.
   - Your phone has a good Internet connection and its Bluetooth has been switched on.
2. Tap the **FLASH** button in the navigation bar.

3. The Tunes screen appears. This screen will normally have a list of vehicles that you are working with. Until you perform your first read, the list will be empty. Tap the **READ VEHICLE** button near the bottom of the screen.



4. The app will prompt you to connect interface device to the vehicle and turn the ignition to the on position (but do not start the engine). Do so now.
5. Tap **OK** to start the read process. The process is automated, but it will take several minutes, with actual time depending on the number of updates required for the interface device and the type of vehicle being scanned.

CAUTION: While the read is in process, do not start the vehicle's engine, turn the ignition off, or unplug the interface device. Keep your phone close to the interface device and connected to the Internet.

The process has several steps:

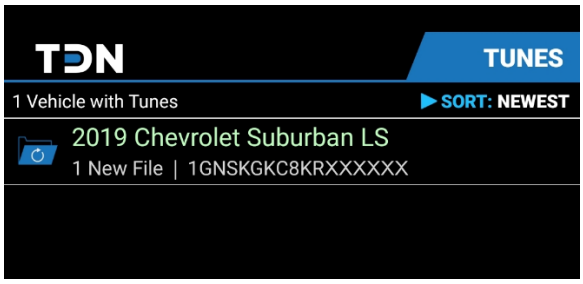
a. If updates to the interface device's firmware and resource files are needed, the app will download them and apply them.

b. The tune data is read to the interface device's memory.

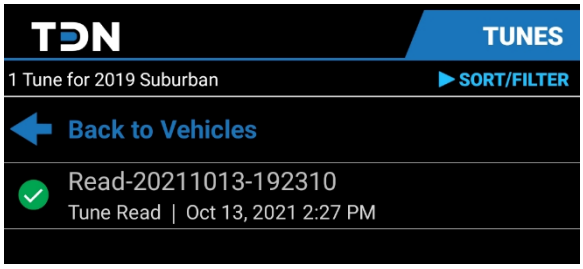
c. The data is transferred to your phone.

d. The data is uploaded to the server.

6. The first time a vehicle is read, a file folder for the vehicle will be added to the list at the top of the Tunes screen.



7. Find the vehicle you just read in the list and tap its name to open its folder. This screen contains a list of all the reads you have performed on the vehicle.



8. Verify that a green check icon appears to the left of the scan you just performed.

   If the scan is listed here, but the green check is missing, it means the scan was successful, but the upload to the server failed. Follow these steps to resend:

   a. Ensure that your phone has a good Internet connection.

   b. Tap the **SYNC FILES** button near the bottom of the screen.

   c. If the green check still does not appear, ensure that you are still logged into your account (go to the account screen and log in again) and then try to sync the files one more time.

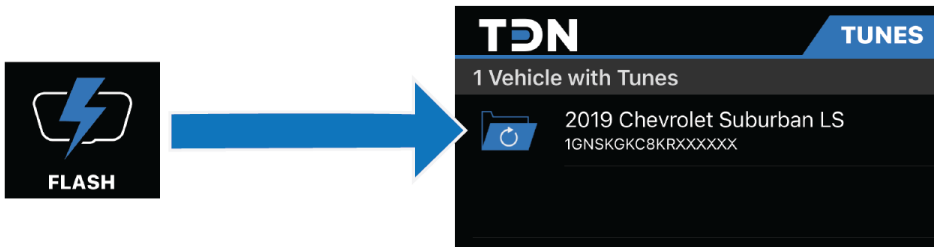
APPLYING THE LATEST TUNE FROM YOUR TUNER

When your tuner sends you a new tune file, you can use TDN to flash the tune to your vehicle:

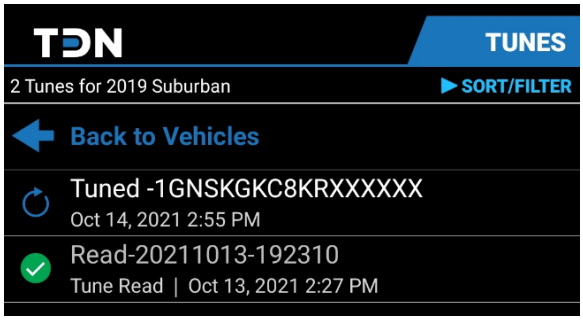
> **NOTE:** The TDN software is licensed per vehicle tuned. If you are flashing a vehicle for the first time, you must have purchased enough credits to tune the vehicle or you will not be able to flash the vehicle. However, many tuners will take care of this detail for you as part of their service. Consult your tuner for details OR purchase at: **hptuners.com > My Account > My Devices.**

Follow these steps to flash the new tune to your vehicle:

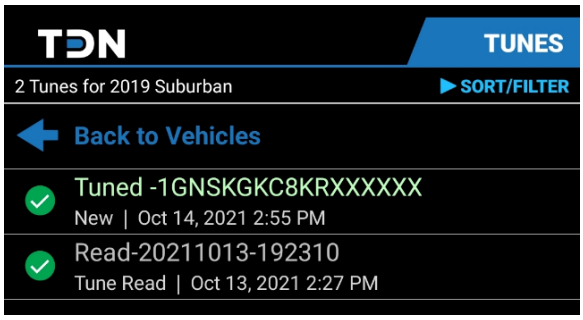
1. Before you begin, ensure that:
   - Your car has a fully charged battery.
   - Your phone has a fully charged battery.
   - Your phone has a good Internet connection and its Bluetooth has been switched on.
2. Tap the **FLASH** button in the navigation bar. The Tunes screen appears.



3. Tap the vehicle to which you want to apply a tune. The list of tuning files for the selected vehicle appears.



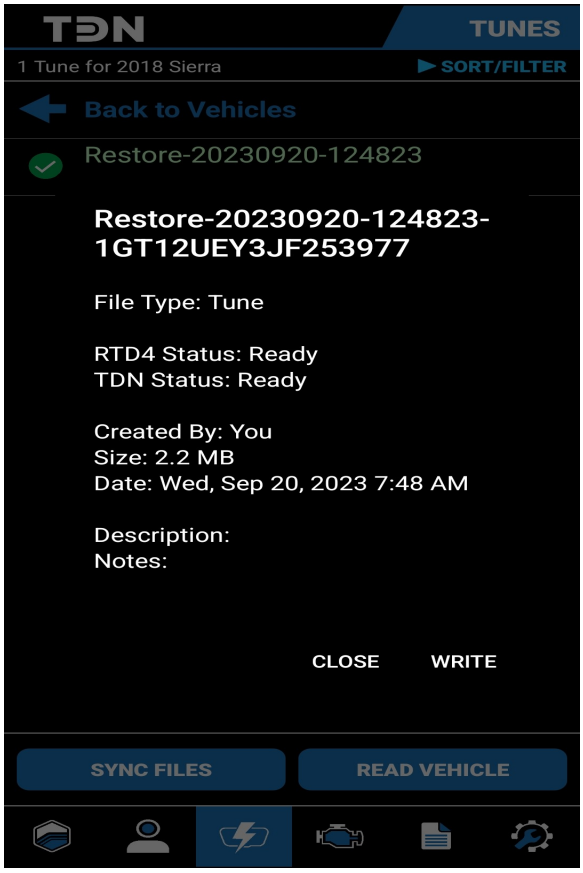
4. When your tuner sends you a new tune file, it should automatically appear in the list. If you don't see it here, or if it doesn't have a green check next to it, click the **SYNC FILES** button near the bottom of the screen to retrieve the latest files.



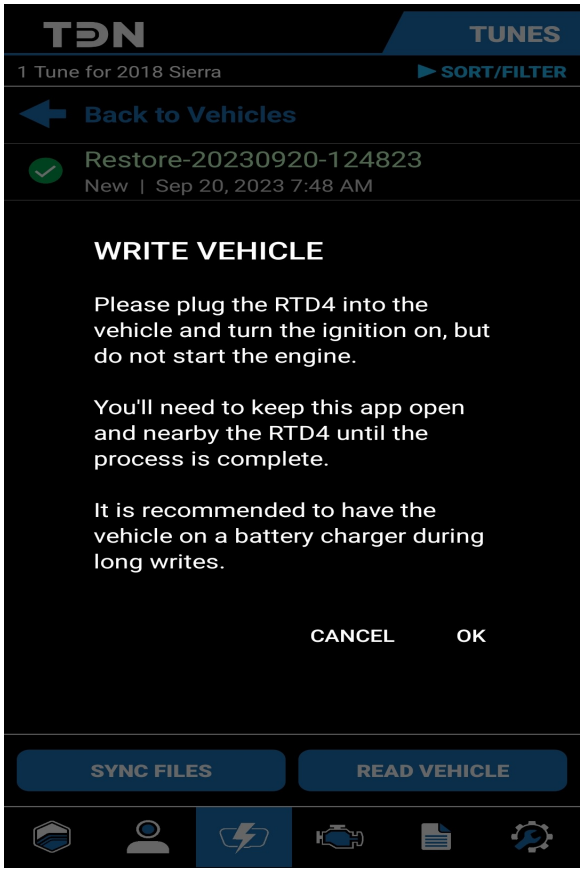
5. Tap the tune file that you want to apply to the vehicle. A popup that includes information about the selected file appears.

> **NOTE:** A tune file that you have just read from the vehicle will have a name that starts with "Read-". Files with this name can't be flashed back to your vehicle. Once the file has been successfully transmitted to the TDN server, the name will be changed to begin with "Restore-". Files named this way can be flashed if you wish to restore the vehicle to the tune contained in that read.

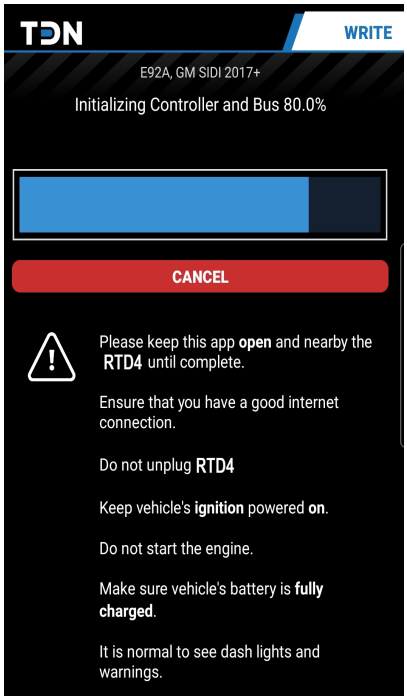
6. Tap **WRITE VEHICLE**.



7. A second popup appears. It prompts you to connect your interface device to the vehicle and turn the ignition to the on position (but do not start the engine). Do so now.
8. Click **OK** to start the write process. The process is automated, but it may take several minutes, depending on the number of updates required for the interface device and the type of vehicle being flashed.



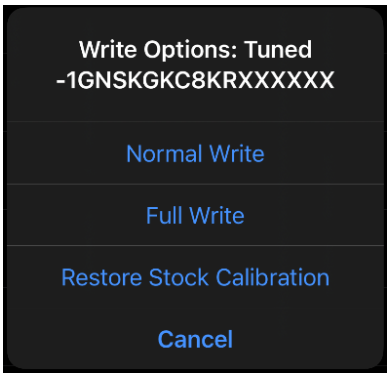
CAUTION: While the flash is in process, do not start the vehicle's engine, turn the ignition off, or unplug the interface device. Keep your phone close to the interface device and connected to the Internet.



9. When the write process is finished, a Complete screen is displayed.
10. Click **OK**.

ADVANCED WRITE OPTIONS

If you tap and hold a tuning file received from your tuner, the app will display a short menu that selects the type of write that it will do.



CAUTION: The options other than "Normal Write" in this menu trigger types of file writes that are not recommended except in certain cases in which they are required for troubleshooting. Use only as directed by HP Tuners Customer Support or your tuner.

The options in this menu include:

NORMAL WRITE

This is the default type of write that occurs when you flash a tune file received from your tuner. If supported by the controller, this writes calibration data only. (However, some controllers only support a full write. For those controllers, this option performs a full write).

FULL WRITE

In addition to writing calibration data, this flashes the controller's operating system.

RESTORE STOCK CALIBRATION

If supported, this option retrieves the stock tuning data from your vehicle manufacturer and applies the stock tune.

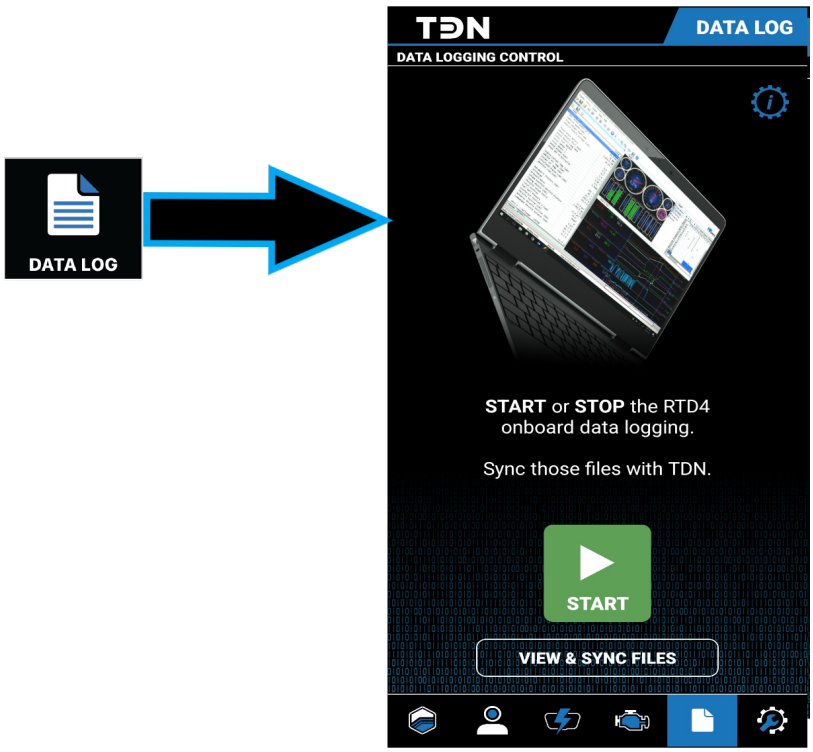
Although the option is displayed for all vehicles, it is only supported by a small number of vehicles. If not supported, this option does nothing.

DATA LOGGING

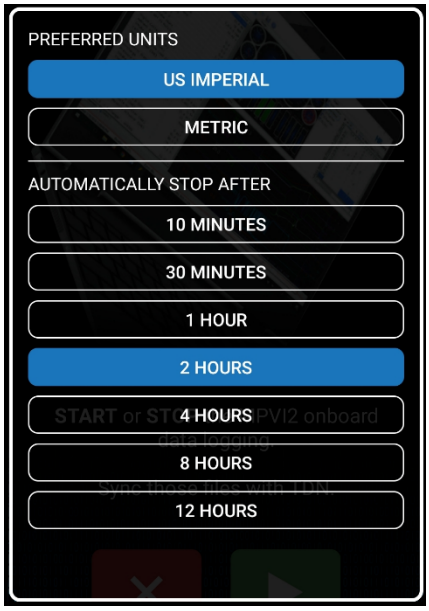
Your tuner may request that you generate a log file that captures live performance data of the vehicle in operation. This can be accomplished on the Data Log screen of the TDN app.

GENERATING A DATA LOG

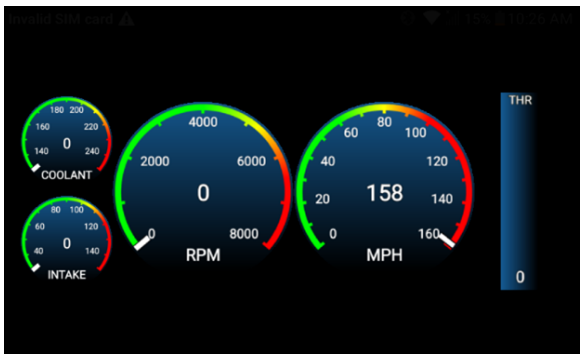
1. Tap the **Data Log** button on the navigation bar. The Data Logging Control screen appears.

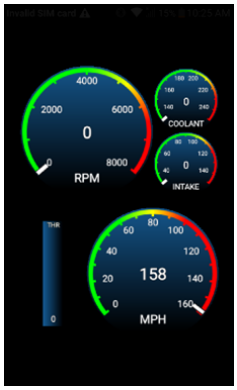


2. Tap the settings icon (gear in the upper-right corner). A popup containing settings for the data logging function appears.

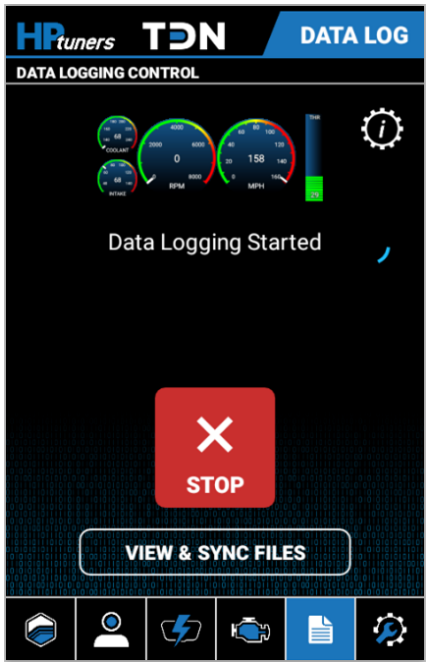


3. Choose an appropriate time limit for this logging session. If your tuner prefers English or metric units, you can also specify that here.
4. Connect your interface device to the vehicle and start the ignition.
5. Tap the **START** button to begin the session. Pay attention to the status displayed. There is a delay before logging actually starts.
6. Once logging starts, a screen with gauges is displayed, allowing you to monitor your vehicle's data in real time. The screen can be displayed in either portrait view or landscape view.





7. Drive the car (or put it on a dyno) to reflect as broad a range of engine performance data as possible.



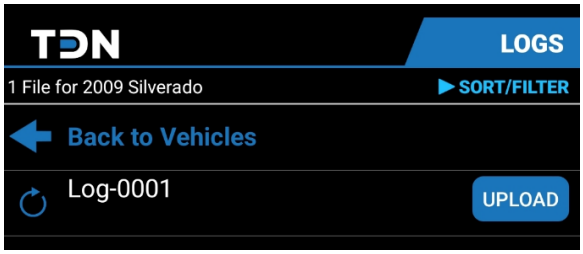
8. When you have enough data, end the session by doing one of the following:
   - Tap the **STOP** button.
   - Wait until the time selected earlier is reached.

SENDING LOG FILES TO YOUR TUNER

Since there may be many log files on your interface device, some of them may not be useful to your tuner. For this reason, log files are not automatically sent to your tuner. Follow these steps to send a log file:

1. Tap the **DATA LOG** button on the navigation bar. The Data Logging Control screen appears.
2. Tap the **VIEW & SYNC FILES** button. A list of vehicles that have log files stored on this interface device appears.

3. Select the vehicle whose log data you want to send. A list of log files available for the selected vehicle appears.



4. Click the **UPLOAD** button next to the log file you wish to send.

DELETING UNWANTED LOG FILES

You may accumulate log files that are unwanted. They may have been generated by incomplete or aborted logging sessions or might simply be no longer needed. To delete these files:

1. Swipe left on a file to be deleted.
2. Tap **Delete** to confirm.

ADDING A DESCRIPTION TO A LOG FILE

If you want to add a description to a log file, follow these steps:

1. Tap the log file to which you want to add a description.
2. Tap **EDIT**.
3. Enter the description.
4. Tap **OK**.

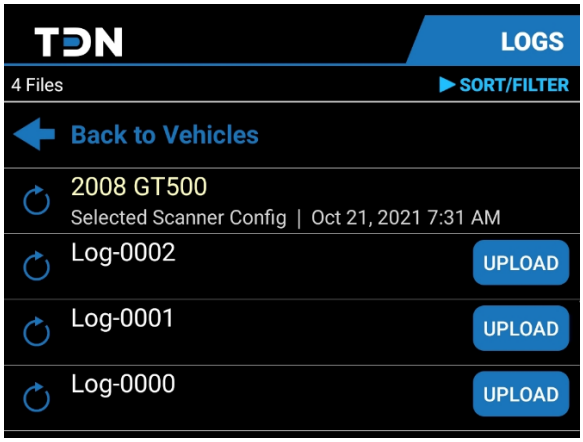
SELECTING SCANNER CONFIGURATION FILES

The TDN app is capable of gathering a broad range of data during the data logging process. Your tuner may choose to specify exactly which data is being gathered by assigning a scanner configuration file to your vehicle.

The most recent file assigned to the vehicle by your tuner will automatically be applied the next time you launch a data logging session. However, you can deselect the file to return to the default configuration or select an older file that the tuner had sent you previously. Follow these steps:

1. Tap the **DATA LOG** button on the navigation bar. The Data Logging Control screen appears.
2. Tap the **VIEW & SYNC FILES** button. A list of vehicles that have log files stored on this interface device appears.

3. Select the vehicle for which you want to select a scanner configuration file. A list of log files available for the selected vehicle appears. Scanner configuration files will be labeled "Scanner Config".

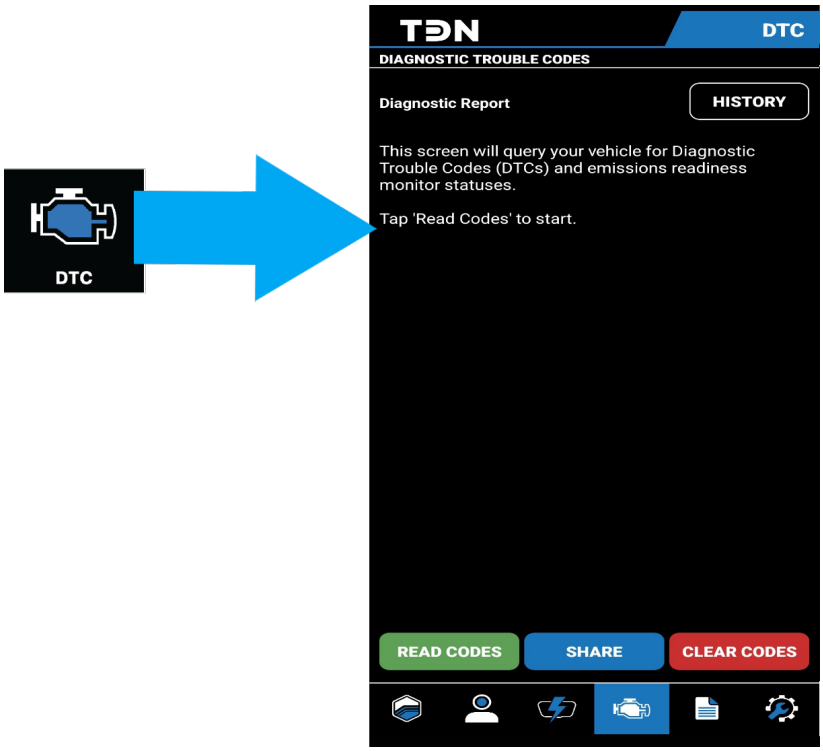


4. If a scanner configuration that your tuner has sent you is NOT listed here, tap the **SYNC FILES** button at the bottom of the page to update the list.
5. By default, the most recent scanner configuration file sent by your tuner will be selected. However, you can manually change which file is selected:
   - To deselect a scanner configuration file, tap on the currently-selected file and then tap **DESELECT**.
   - To select a different scanner configuration file, tap on the desired file and then tap **SELECT**.

READING DIAGNOSTIC TROUBLE CODES

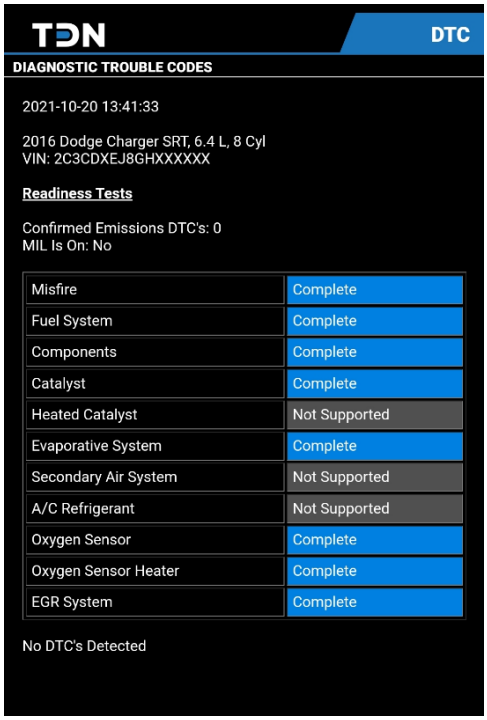
TDN can query your vehicle for Diagnostic Trouble Codes (DTCs) and emissions readiness monitor statuses. Follow these steps:

1. Tap the **DTC** button on the navigation bar. The DTC screen appears.



2. Connect your interface device to the vehicle and start the ignition.

3. Tap the **READ CODES** button. The TDN app will begin scanning for DTC codes. When finished, it will display a report like the one shown below.



4. If you want to share this report, tap the **SHARE** button at the bottom of the screen and then select the person, email account, or other resource with which you wish to share it.

THE SETUP / TOOLS MENU

The Setup / Tools Menu contains a number of additional utilities and informational resources.

> **NOTE:** Most of the tools listed in this menu are for troubleshooting potential issues with your interface device. In most cases, you should never need them.

To display this menu, tap the **TOOLS** button on the navigation bar.

Items in this menu include:

USER GUIDE

Opens this user guide.

MPVI2/2+FIRST TIME SETUP

Reruns the initial setup covered in the beginning of this manual. May be useful if you are having trouble connecting to the device with Bluetooth.

RESYNC MPVI2/2+ CREDITS

If you or your tuner purchase additional credits for your interface device, it will eventually learn about the purchase through an autosync process. If you need to use the credits immediately, however, the autosync might not have occurred yet. Select this option to have the device check for newly purchased credits.

GATHER INFO LOG FOR TECH SUPPORT

If you contact HP Tuners Customer Support, we may ask for an Info Log. Select this option to create one. Your interface device must be connected to your vehicle and the vehicle ignition must be on to gather this information.

UPDATE MPVI2/2+ FIRMWARE

Downloads and applies the latest version of the firmware appropriate for the vehicle with which you last used your interface device.

SWITCH MPVI2/2+ FIRMWARE

Your interface device has limited memory available. Each time you change vehicles, it must load firmware appropriate to the new vehicle. If you are changing vehicles, manually switching firmware before a read or write operation may save a little time during the actual read or write.

UPDATE MPVI2/2+ BLUETOOTH FIRMWARE

This option pushes the latest Bluetooth® firmware onto your interface device. It may be useful if you are having issues establishing or maintaining a connection to the device.

SET BLUETOOTH LE MODE

(Android phones only.) A small number of older Android phones may have trouble maintaining a connection using the default mode. If you are using such a phone and are experiencing trouble maintaining a Bluetooth® connection to your interface dedvice, selecting this option may help.

SET APP PERMISSIONS

Opens your phone's permission settings for the TDN app. This is a quick way to enable or disable the app's ability to use your phone's Bluetooth® capability.

RESET FILE SYNC DATA

Causes the app to forget what files have been synced with your tuner. Typically, the app will relearn which files have already been sent the next time it performs a sync. Some files may be resent, though.

ERASE FILES ON MPVI2/2+

Erases all the files on the MPVI2/2+. This may be useful in extreme cases where files have become corrupted or are not being erased correctly. Tune files received from your tuner will typically be redownloaded the next time a sync occurs. But some items, such as data logs, may be lost.

ABOUT THIS APP

Opens a popup containing a little information about the TDN app.

PRIVACY POLICY

Displays the HP Tuners privacy policy.

SUPPORTED CONTROLLERS

As of this manual's publication date, the app supports vehicles with the following controllers:

> **NOTE:** Consult your tuner for help on which vehicles contain the supported controllers.

ECM

- GM E38
- GM E40
- GM E41 (L5P) - Diesel
- GM E46 - Diesel[3]
- GM E67
- GM E67A
- GM E78
- GM E78A
- GM P59
- GM E86 - Diesel
- GM E86A - Diesel
- GM E90
- GM E92
- GM E92A
- GM E98 - Diesel
- GM E98A
- GM E99 (C7 ZR1)
- GM P01
- GM P59

3 Requires RTD3 or newer device

TCM

- GM T42
- GM T43
- GM T87
- GM T87A - Gas/Diesel
- GM T 93 - Gas/Diesel (Global A)[3]
- GM A40 - Diesel*
- GM A40b - Diesel*
- GM A50 - Diesel

* Support for these controllers is in a beta state. We expect them to work, but can't guarantee it at the time of this writing. Feedback from field testing would be appreciated.

3 Requires RTD3 or newer device

FSCM/CCM

- GM C304
- GM C304A
- GM FSCM A
- GM FSCM B
- GM FSCM C
- GM FSCM D
- GM FSCM E
- GM FSCM F
- GM FSCM G
- GM S53*

* Support for these controllers is in a beta state. We expect them to work, but can't guarantee it at the time of this writing. Feedback from field testing would be appreciated.

FORD

ECM

- Ford Tricore 277
- Ford Tricore 298
- Ford Tricore 298 B
- Ford Tricore 1791
- Ford Tricore 1791B 3M*
- Ford Tricore 1797
- Ford Tricore 1797 EDC17 - Diesel
- Ford Tricore 1797A EDC17 - Diesel
- Ford Tricore 1797B EDC17 - Diesel
- Ford Tricore 1793 EDC17 - Diesel
- Ford Tricore 1793A EDC17 - Diesel
- Ford Copperhead 2048K
- Ford ESYS 2048K
- Ford Oak 448K - Diesel*
- Ford Oak 1024K
- Ford Oak 1472K - Requires 5.3.29 Alpha FW (or newer)[3]
- Ford Oak 1536K
- Ford Oak 1856K - Requires 5.3.29 Alpha FW (or newer)[3]
- Ford Oak 2048K
- Ford OAK2048K DSL - Diesel
- Ford Oak 2368K - Requires 5.3.29 Alpha FW (or newer)[3]
- Ford MED17.0.1
- Ford MED17.0.7*
- Ford MD1CP006- Requires 5.3.29 Alpha FW (or newer)[3]
- Ford MG1CS036[3]

* Support for these controllers is in a beta state. We expect them to work, but can't guarantee it at the time of this writing. Feedback from field testing would be appreciated.

3 Requires RTD3 or newer device

TCM

- Ford Tricore 277 B TCM
- Ford Tricore 277 D TCM
- Ford Tricore 277 DSL TCM - Diesel
- Ford Tricore 1766 TCM - Diesel
- Ford TR C75 (GT500)
- Ford Oak 448K TCM - Diesel*
- Ford Oak 512K TCM - Diesel
- Ford Oak 2048K TCM - Diesel

FSCM/CCM

- Ford FICM 60 DSL - Diesel

FCA / STELLANTIS

ECM

- Dodge GPEC2
- Dodge GPEC2A (14 trucks)[3]
- Dodge GPEC2, 15
- Dodge GPEC2A, 15
- Dodge GPEC2A, 18
- Dodge NGC4A
- Dodge CM849 - Diesel
- Dodge CM2100 - Diesel
- Dodge CM2200 - Diesel
- Dodge EDC 17C69 - Diesel*
- Dodge EDC 17C79 - Diesel

3 Requires RTD3 or newer device

TCM

- EGS52
- EGS53
- Dodge ZF8HP
- Dodge ZF8HP2

VAG

ECM

- VAG MED17.1.1 TC1797
- VAG SIMOS18.6 (also covers 18.1)

TCM

- VAG DQ2500D9*
- VAG ZF8 HP*

PORSCHE

ECM

- Porsche MED17.1.11 TC1797 (GT3)

MERCEDES

ECM

- Mercedes MED40AMG
- Mercedes MED177*

POWERSPORTS

ECM

- BRP ME17.8.5
- BRP ME17.8.5 B
- Polaris ME17.9.74
- Polaris M17.8.7
- Polaris MG1CA007
- Polaris MG1CA007[3]

[3] Requires RTD3 or newer device

RTD FACE PLATE DESCRIPTION

Below outlines the legacy features on the face plate of the RTD Gen 4, with a detailed description of each LED RGB (red, green, and blue) and bluetooth status icon.

1. RTD Face Plate
2. HPTNET Screw on Connector
3. Status LED Icon
4. Bluetooth Low Energy (BLE) LED Icon
5. WiFi LED Icon
6. Standalone Data Log & Bluetooth Button
7. USB-C

CAUTION: When over-voltage is detected , the RGB Status LED will become solid red and will remain solid red until voltage drops below 15.5v, then it will go back to solid green. Operating the RTD with voltage over 15.5v can cause damage to the RTD.

NOTE: When an over current event is detected, the firmware cycles three times by turning the bus OFF and ON to see if current is below threshold. If any of the three attempts comes back reading adequately, the LED turns red only, after the firmware has used all three tries and the current is still high. Only a power or OBD reset will let the RTD recover from this state.

RTD RGB STATUS LED DESCRIPTION TABLE

Color	Description
No Color	Off/No App Running
Solid Blue	RTD is powering on
Medium Blue	RTD Safe Mode Initiating
Blinking Blue	RTD Safe Mode Running
Fast Blinking Blue	RTD Safe Mode USB Active
White	RTD Safe Mode Ended Successfully
Solid Red	RTD Safe Mode Exit Failed

Color	Description
Blinking Medium Blue & Medium Yellow	RTD Safe Mode Firmware Update
Medium Yellow	RTD Safe Mode Firmware Update Successful
Blinking Medium Blue & Medium Red	RTD Safe Mode Firmware Update Failed
Medium Blue	RTD Main Application Starting
Medium Green	RTD Main Application Running
Fast Blinking Green	RTD USB Main Application Activity
White	RTD Main Application Exit Successful
Solid Red	RTD Main Application Exit Failed
Fast Blinking Medium Green	Main Application USB Communication
Fast Blinking Medium Green & Medium Magenta	Main Application USB+OBD Communication
Fast Blinking Medium Yellow	Main Application Task Starting
Blinking Yellow	Main Application Task Running

Color	Description
Flashes Red, Yellow and Red, Yellow again then will remain Green	Main Application Task Returned False
Flashes Red, Yellow and Red, Yellow again then will remain Green	Main Application Task Exception
Blinking Medium Green & Medium Yellow	Main Application Firmware Update
Medium Yellow	Main Application firmware Update Successful
Blinking Medium Green & Medium Red	Main Application Firmware Update Failed

RTD RGB BT (BLUETOOTH) LED DESCRIPTION TABLE

Color	Description
Blinking Blue	When blinking slowly the RTD is in pairing mode. When blinking quickly the RTD is paired with the users bluetooth device.
White	Bluetooth has unpaired successfully
Solid Red	Bluetooth Failure Detected
Cyan Blue	RTD Bluetooth Device Connected

RTD STANDALONE DATA LOGGING & BLUETOOTH BUTTON

This button (refer to below image) can be used to connect your bluetooth device to your RTD. This button can also be used to start and stop your standalone data logging. Below outlines the RGB LED light and their corresponding description associated with the standalone feature.

Color	Description
Blinking Blue	When the STAT light is blinking fast blue the standalone action has started. When it is blinking blue slowly the standalone action is in progress
Blinking Purple	RTD Standalone Failed to Start

MANUFACTURING & REGULATORY SYMBOLS

Description	Reference	Symbol
FCC (Federal Communications Commission) Certified		
Caution	ISO 7000-4334B	
Refer to operating instructions	ISO 7000-1641	
Do not get wet		
Separate collection for waste electric and electronic equipment (WEEE) is required	IEC 60417-6414	
Does not charge		

Direct current	IEC 60417-5031	

CUSTOMER SUPPORT

Your tuner is your first line of support for all issues related to your vehicle's tune and the TDN app.

Additional support can be found through the following resources:

HP TUNERS SUPPORT TICKETS

If you are experiencing issues with the TDN app and wish to contact us, please create a **support ticket.**

> **NOTE:** Be sure to also send us an Info Log whenever a support ticket is submitted. See ***Sending An Info Log*** **(Page 68)** for instructions. The Info Log contains vital information that will help us in resolving your problem.

HP TUNERS KNOWLEDGE BASE

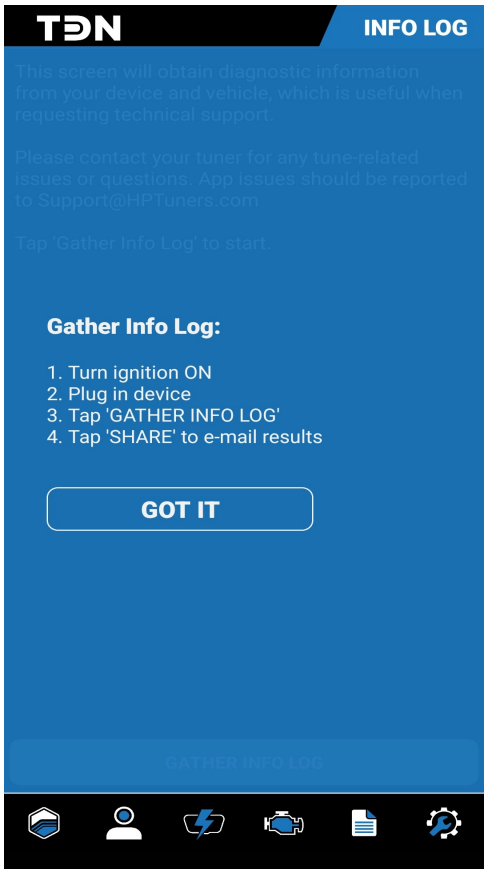
Explore our knowledge base articles at:

support.hptuners.com

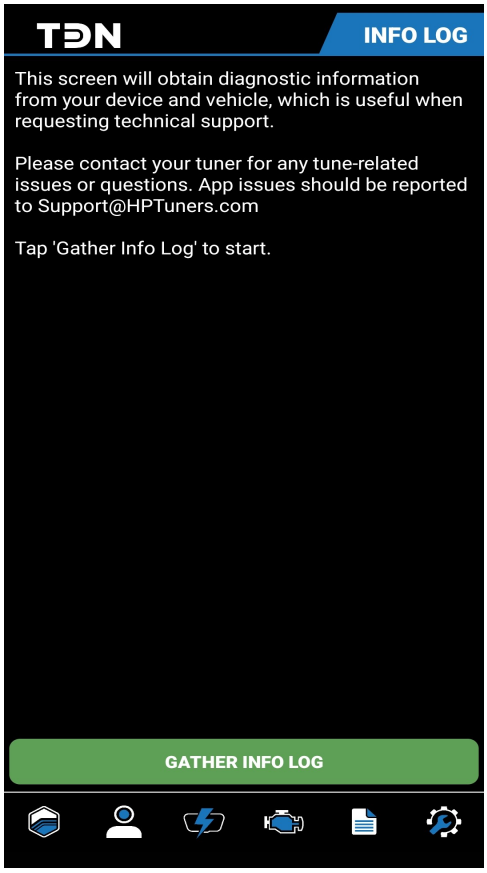
SENDING AN INFO LOG

To send an Info Log to our support staff:

1. Turn the vehicle key to the on position.
2. Connect your interface device to the vehicle.
3. Tap the**TOOLS** icon to open the Setup / Tools Menu.
4. Select **Gather Info Log for Tech Support**. Info Log Screen appears, Tap **GOT IT**.



5. Tap the **GATHER INFO LOG** button. The app will begin gathering the Info Log.



6. When the app has finished gathering the Info Log, tap **SHARE** to email the log to customer support.