

# TDN End-User Guide



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## 1. General Testing Notes

Thank you for participating in the beta testing of HP Tuner's TDN system. We look forward to hearing your feedback about the Tuner Web Portal, the app, and these instructions. Your experience and overall opinion is valuable to us.

We have greatly appreciated the feedback we've received so far, and would also appreciate hearing precisely what vehicles you have tested on. For future reference, you can use any file that is capable of being flashed by the vehicle being tested. If you do not have a tune file to flash, you can use the controller test procedure in Section 4 to test all aspects of the system.

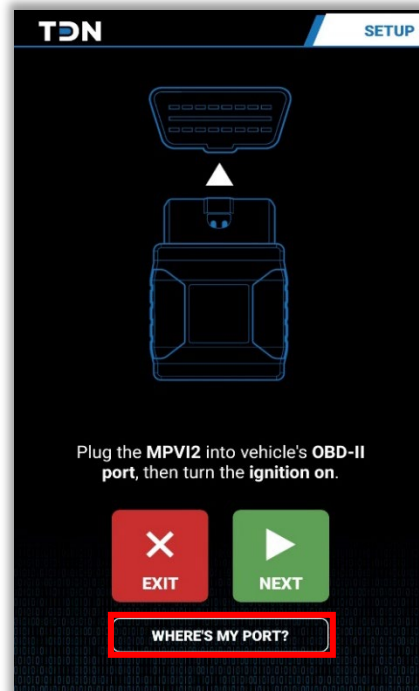
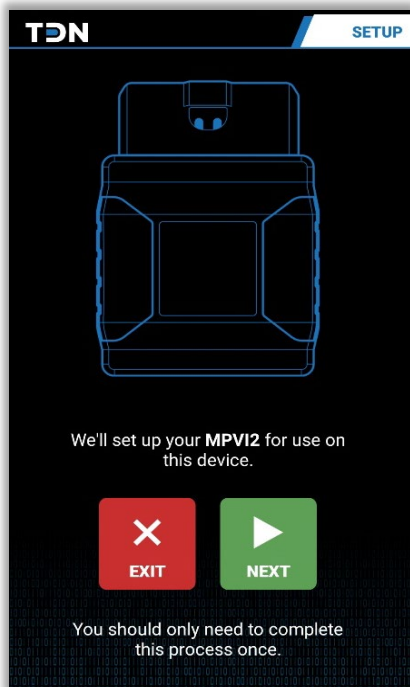
Thanks again for being a part of the beta testing team. The more feedback we get, the better the product will be!

## 2. Initial Device Setup and Account Creation

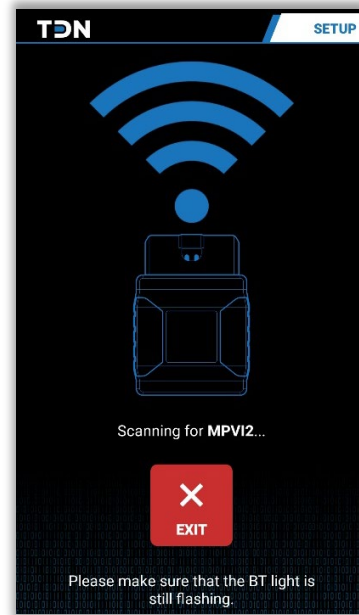
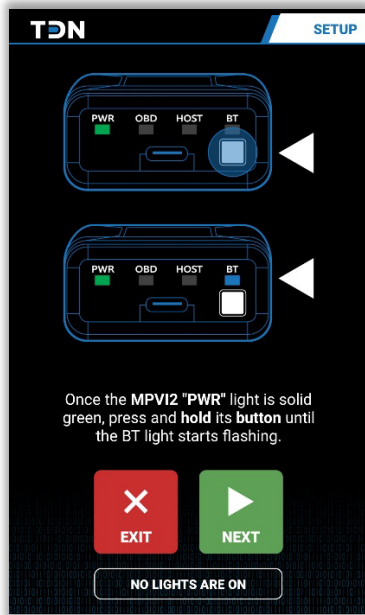
### Setting up your device

You may complete these steps before creating your TDN account (detailed in the following section).

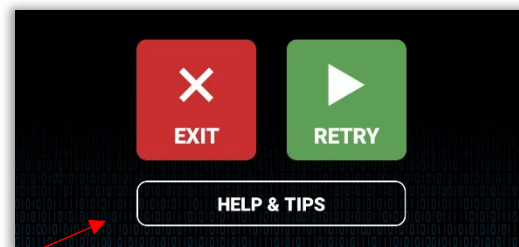
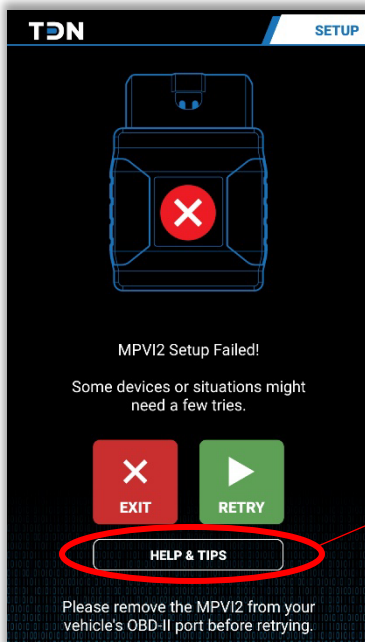
1. When you open the TDN app for the first time, it will ask you to accept the **Privacy Policy**. Please read these and click **Accept** when you understand and agree to all of the terms.
2. In the next window, click OK to allow the app to access your phone's Bluetooth.
3. Now the app will begin setting up your TDN-compatible device. Click OK to proceed.
4. The TDN app will walk you through the steps of setting up your MPVI2. You will need to plug it into your OBD-II port. If you do not know where your OBD-II port is, the second screen in this process will help you locate it.



5. Now the TDN app will use Bluetooth to scan for your MPV12 interface.

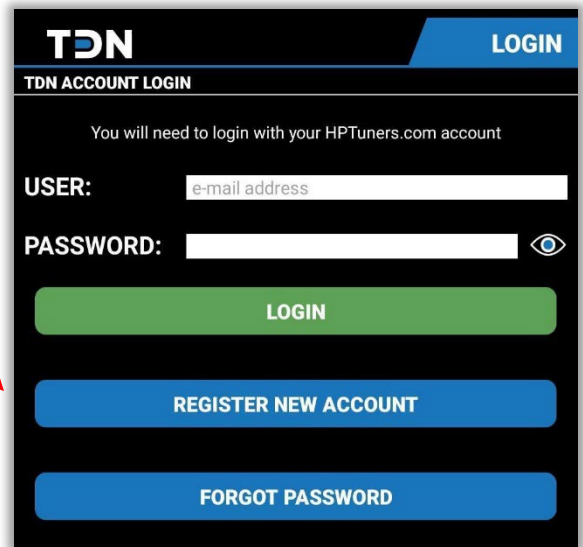
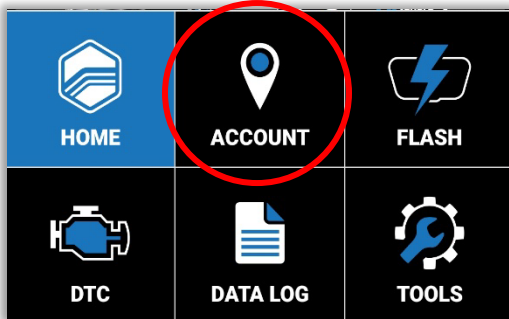


6. If a connection error occurs, or the setup is otherwise unsuccessful, you will see the error screen with the option to retry the setup procedure. If you continue to experience problems, click on the **Help and Tips** button at the bottom of the screen.



## Create HPTuners.com account:

1. In the TDN app on your phone, click on the **Account** button on the navigation bar.



2. On the next window, click on **Register New Account**.
3. Click the **Sign Up Now** link that appears below the login credential fields.
4. Under the **Sign Up** heading, enter your e-mail address and click the **Send Code** button.
5. Open a new browser-tab or check your phone's mail app to access your email. Search your inbox for an email from HP Tuners. This email will include your verification code.
6. Go back to the tab with the **Sign Up** page. Enter the verification code into the field that now appears under your email address. Click the **Verify Code** button.
7. Select a password to use and re-enter the password in the following field.
8. Fill in your first and last name where indicated.
9. Pass the Captcha test.
10. Click **Create**.
11. Return to TDN app, and use your new credentials to log in.
12. Tap on the 'i' gear icon near top right. Enter your contact info as you'd like your tuner to see it. When done, click **Save Profile**.

## Join your tuner's network:

1. Obtain an **Invite Code** from your tuner. You will have to arrange with them the best way in which to obtain this code.
2. On the **Account** screen, enter the **Invite Code**, and click **Join**.
3. Your tuner may have set the code to accept customers automatically. In this case, you will immediately receive a confirmation pop-up. If your tuner has elected to approve customer's manually, you will have to wait for them to approve you.
4. Once you are linked, the tuner will appear in your **Linked Dealers** list.

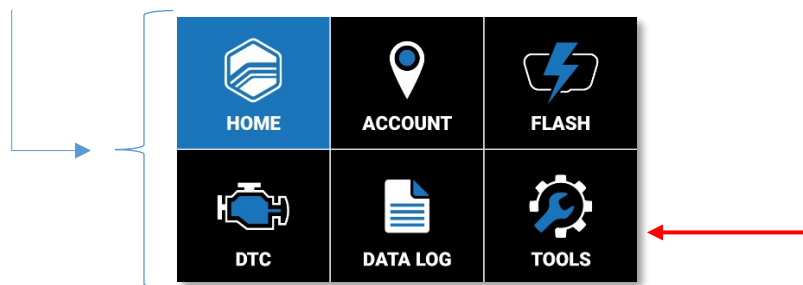
## 3. End-User Read/Write/Logging Procedures

### Please note:

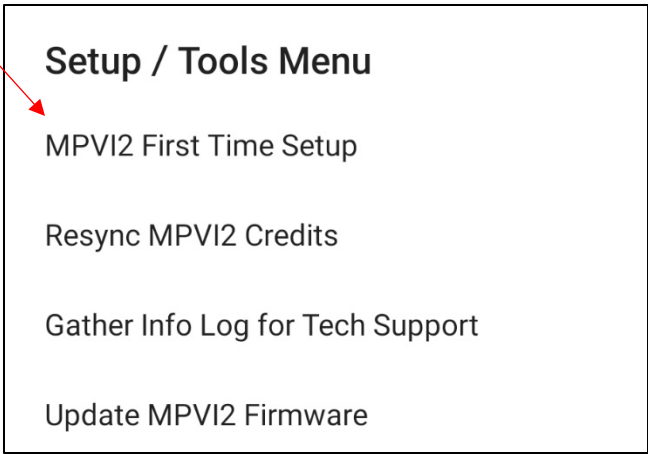
- The first time you perform a tune read or data log may require more time than standard reads due to firmware and resource file updates.
- Updates may also occur at other times.
- These updates are an necessary step whenever our vehicle support is expanded or improved.

## Sync with your MPVI2 device:

1. Make sure your phone's Bluetooth is turned on and your device is discoverable.
2. In the **Navigation Bar**, click on the **Tools** icon (the wrench inside of the gear).

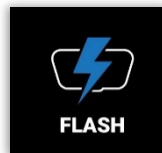


3. Select the first option, **MPVI2 First Time Setup**. This will walk you through the setup process, step-by-step. You should only need to perform this step once.
4. Click the green **Next** button.
5. Follow the instructions in the app and make sure tha the BT light is blinking during the entire sync process. Follow an prompts on your phone to authorize the connection.
6. Upon successful completion, you will receive a confirmation message.

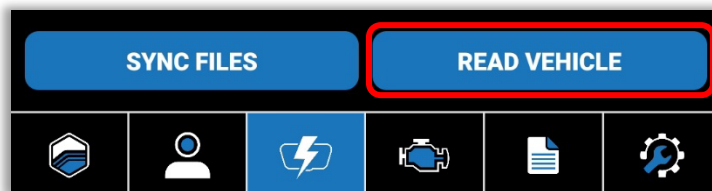


## Send an initial read to your tuner:

1. Tap on the **Flash** button on the **Navigation Bar**.



2. Selecte the **Read Vehicle** button from the options at the bottom of the screen.



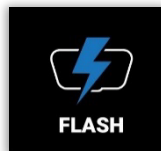
3. The tune read should appear in the list.
4. If you have files for multiple vehicles, you will need to select the desired vehicle's folder.
5. If the read file is accompanied by a green check mark, then the file has been uploaded to the server and your tuner can access it.
6. If the read file does not have a green check mark, tap **Sync Files** to sync it with the servers.

7. All tune files should now display a green check mark.

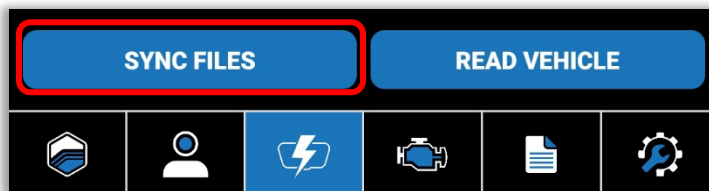
**Note:** If the files still do not appear next to a green check mark, ensure that you are still logged into your account. Once verified, go to the **Account** , and then try **Sync Files** again.

## Download and flash the latest tune from your tuner:

1. Tap on the **Flash** button on the **Navigation Bar**.



2. Tap **Sync Files**.



3. A green check mark should appear after all tune files and vehicle folders.

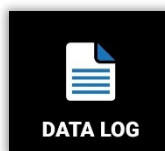
4. If a file or folder is not followed by a green check mark, or if the expected tune file doesn't appear, ensure that you are still logged into your account. Once verified, go to the **Account** , and then try **Sync Files** again.

5. Select the desired tune file and tap **Write Vehicle**.

6. If you have files for multiple vehicles, you'll need to first tap on your vehicle's folder

## Create data logs and send to your tuner:

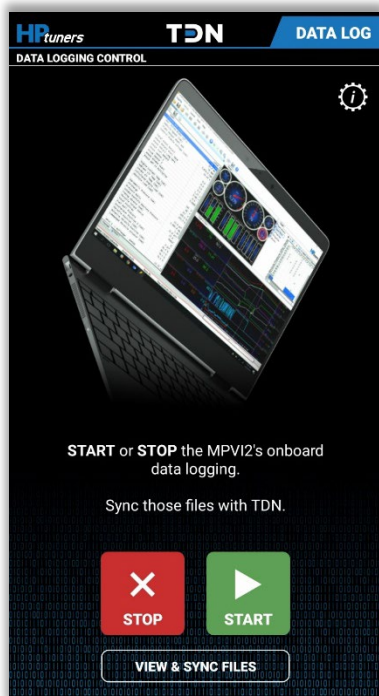
1. Tap on the **Data Log** button on the **Navigation Bar**.



2. Tap in the 'i' gear icon near the top right to choose an appropriate time limit for this logging session.



3. Connect your MPVI2 to our vehicle and start the engine.
4. Tap the **Start** button to start the session. Pay attention to the status displayed, as there is a delay before logging starts.

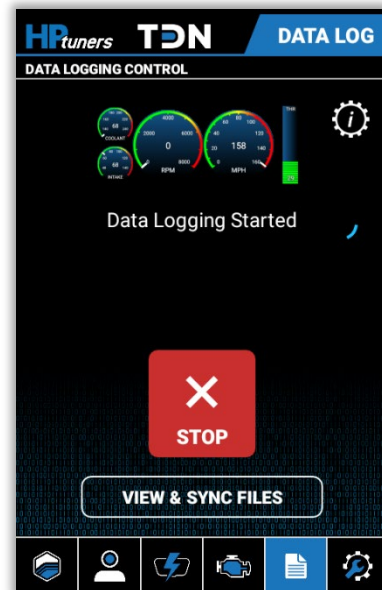


5. Once the data logging process is underway, a screen with gauges will appear, allowing you to monitor your vehicles data in real-time. This screen can be displayed in both landscape and portrait views.



- 6. When complete, tap the **Stop** button to end the logging session.
- 7. There may be many log files stored on the MPVI2 that may not be useful to your tuner. For this reason, files will not be uploaded automatically.
- 8. To upload a log to your tuner, click **View & Sync Files**. Tap on the desired file and select **Upload**.

**Note:** If you have any incomplete or aborted data logging sessions, you can remove them by swiping left, and then tapping on **Delete**.



## 4. List of Controllers

### GM

#### ECM

Controller	Internet Required
GM_E38	N
GM_E67	N
GM_E78	N
GM_E78A	Y
GM_E41	Y
GM_E92	N
GM_E92A	Y
GM_E90	Y
GM_E99	Y
GM_P01	N
GM_P59	N

#### TCM

Controller	Internet Required
GM_T42	N
GM_T43	N
GM_T87	N
GM_T87A	Y

#### FSCM/CCM

Controller	Internet Required
GM_FSCM_A	N
GM_FSCM_B	N

GM_FSCM_C	N
GM_FSCM_D	N
GM_FSCM_E	N
GM_FSCM_F	N
GM_FSCM_G	N
GM_C304	N

## Ford

### ECM

Controller	Internet Required
Ford_Tricore_277	N
Ford_Tricore_298	Y
Ford_Tricore_298_B	Y
Ford_Tricore_1791	N
Ford_Tricore_1797	N
Ford_Copperhead_2048K	N
Ford Oak 1024K	N
Ford Oak 1536K	N
Ford Oak 2048K	N
Ford ESYS 2048K	N
Ford_MED17_0_1	Y

### TCM

Controller	Internet Required
Ford_Tricore_277_B_TCM	Y
Ford_Tricore_277_D_TCM	Y

FCA

ECM

Controller	Internet Required
Dodge_GPEC2A_15	N
Dodge_GPEC2A_18	Y

TCM

Controller	Internet Required
Dodge_ZF8HP	N
Dodge_ZF8HP2	Y

VAG

ECM

Controller	Internet Required
VAG_SIMOS18_6	Y
VAG_MED17_1_1_TC1797	Y

Porsche

ECM

Controller	Internet Required
Porsche_MED17_1_11_TC1797	Y