



## HP TUNER MPVI3 MANUAL

### FORD VEHICLES

Before beginning installation, we encourage you to read this manual thoroughly before you begin any portion of the installation:

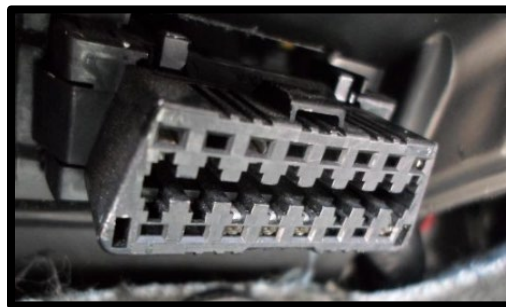
1. Making any changes to the calibration is strictly prohibited. Any change will void all warranties and will make the vehicle non-emissions legal.
2. **Whipple calibrations are for stock engines, changes such as long tubes, cold air intakes, cams and big throttle bodies are not supported.**
3. Having the latest OEM PCM and TCM calibration is highly recommended to eliminate potential OEM issues in calibration.
4. **IT IS THE RESPONSIBILITY OF THE INSTALLER AND/OR USER OF THIS PRODUCT TO ENSURE THAT IT IS USED IN COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS.**

Make sure you are connected to the internet for the first time you are reading one of the applications listed below. This is required to work with the Ford PCM's.

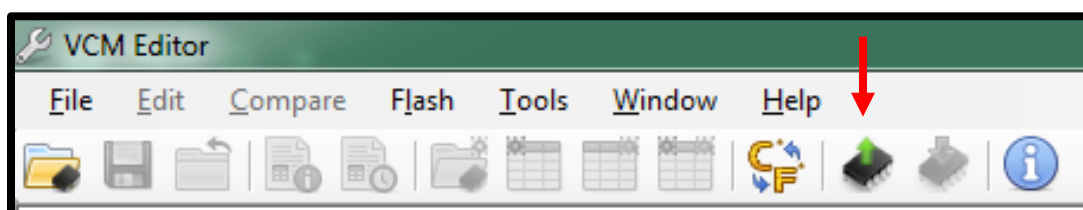
5. Go to the HP Tuner website: <https://www.hptuners.com/downloads/>. Download the latest VCM Suite **BETA**. If you run into any issues installing the software, email [support@hptuners.com](mailto:support@hptuners.com) for resolution. Issues with calibration or data logging, please contact us @ [support@whipplesuperchargers.com](mailto:support@whipplesuperchargers.com)
6. Open VCM Editor program by clicking the wrench icon.



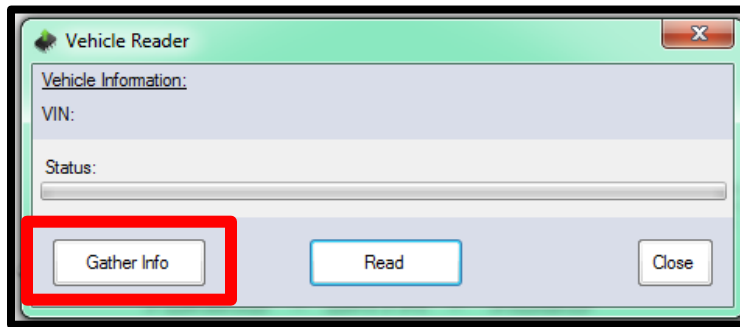
7. Connect to the OBDII port with the MPVI flash tool.



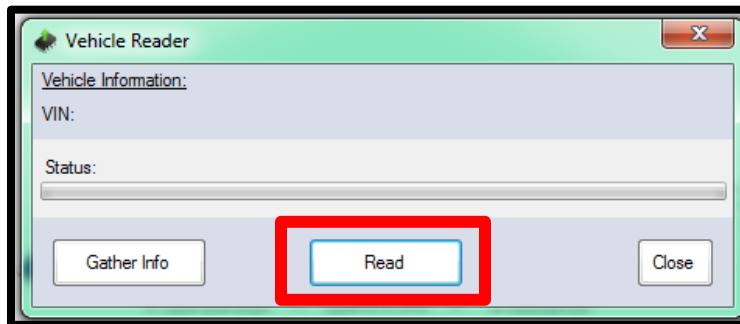
8. With the vehicle ignition in RUN position, engine not running, click the **green arrow** icon to **READ** the file in the PCM.



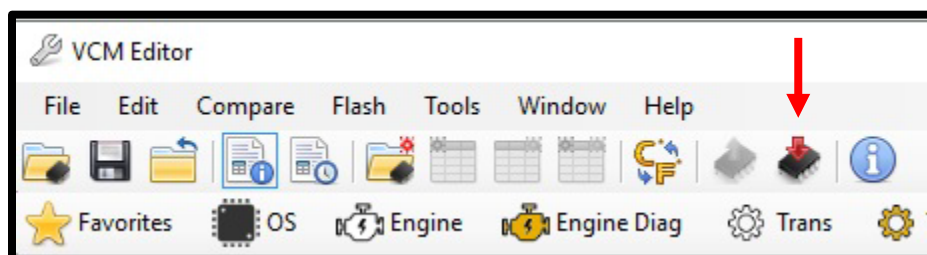
9. Click the "Gather Info" icon to populate the PCM data.



10. Once the info is gathered by HP Tuners, click the "Read" icon.



11. Once the file is uploaded, save this file in an easy to find location (example: mydocuments/HP Tuners/cals and logs). Create a file name with VIN number, Customer name and engine size. Example: **2C3CDXCT1FH737913\_John Smith\_6.2L\_Stock**. If you want to keep the file name shorter, use only the last 4 digits of the VIN but keep the same information. We will supply a similar name but with SC in the file to help distinguish between them. NOTE: Always keep the stock file. If you are a dealer/installer, email the file to the customer for future access. Whipple does not store stock files.
12. Go to the Whipple website, click the **Calibration Request** tab and follow the instructions on sending file. This may take 24-48 hours for your calibration so this is important to do before you start the supercharger installation. Each calibration is locked to the supplied MPVI serial #. If you use a different tool, you will not be able to use the file.
- a. Include the following with the calibration:
    - i. Octane fuel being run (91, 92, 93, 94).
    - ii. List any modifications to the stock engine such as air intake, exhaust, etc.
13. Once calibration is supplied, save to your PC in the same location as the stock file. Open VCM Editor. Open the calibration by clicking file, connect to vehicle, turnkey to engine run (do not start engine) and follow the on-screen commands.



14. HP Tuners supplies a free data logging program, VCM Scanner **BETA**. With foot off brake, hold the push button ignition for 10 seconds until the green light turns on, this is Diagnostic mode. Using VCM scanner, click the check engine icon, then "READ CODES". Once it populates, click CLEAR CODES. Once done, turnkey off, open door to power vehicle off, from here you're ready to run.
15. If required, you may use VCM Scanner Suite for diagnostic purposes, to check codes, read monitors and data log important parameters. Whipple has pre-made channel list for proper data logging. If logging, please request a data log channel list.
16. Once the vehicle is flashed, turnkey off for 10 seconds (follow on screen instructions). The vehicle is now ready to start and operate.
17. With your HP Tuners installation, you get the free data logging program, VCM Scanner. If required, you may use this for diagnostic purposes. Whipple has pre-made channel list for proper data logging. If logging, please request a data log channel list from [support@whipplesuperchargers.com](mailto:support@whipplesuperchargers.com).

### **WARNINGS**

- **NEVER MAKE CHANGES TO THE CALIBRATION.** The calibration is designed and tested by Whipple Superchargers. Any change will void any and all warranties, along with emissions compatibility.
- All HP Tuner files are locked and do not allow customer adjustment due to emission regulations.
- If your vehicle is not stock, Whipple will not make custom calibrations. Example, long tubes, high flow cats, different air intakes, etc.

**For questions in regards to the software and installation, please visit HP Tuners FAQ section of their online forum as almost all answers are here:** <https://www.hptuners.com/forum/forumdisplay.php?35-VCM-Suite-FAQ>