



FLAT 6 MOTORSPORTS

TUNING INSTRUCTIONS

It is highly recommended to first connect the battery tender to your battery to keep a stable supply of power running to the ECU.

STEP 1 – Plug the OBDII cable into the tuning module and then plug into the OBDII port. The OBDII/diagnostic port is typically under the steering wheel. Next, turn the key to the ON position to power up the ECU (leave the engine off). Next, select **Tuning** on the tuning module and then select your vehicle and engine type from the list, then arrow over and it will display *stock file missing, do you want to read it now?* Select **YES** and it will start reading out the OEM Stock File. Warning - DO NOT TOUCH ANYTHING AND LET IT COMPLETE THE READING PROCESS. THEN UNPLUG AND TURN THE KEY OFF AND TAKE THE TUNING MODULE TO YOUR COMPUTER.

STEP 2 – Download the [File Manager Software](#) from our website. YOU MUST HAVE A GOOD WORKING INTERNET CONNECTION TO USE THE SOFTWARE. Once the software is downloaded, open up the .exe file. After the software is launched, plug in the tuning module to your computer via the supplied USB cable. The software will identify the tuning module and update it. Once the tuning module finishes updating, then you can select **Download Data**, this will save your OEM file. Please name the file with the year, make, model, and your last name (ex. 2007-Porsche-911TT-Smith). Save the file to my documents on your computer. Then simply open an email to info@flat6motorsports.com, select attach file and select the file you just saved. Email us your file for tuning. Warning- YOU CAN ONLY READ THE OEM FILE ONCE, PLEASE DO NOT ATTEMPT TO RE-READ YOUR OEM FILE.

STEP 3 – You will receive an email from us with your tuned file attached. Save the tuned file to your computer. Next, open up the software's .exe file. Connect your tuning module to your computer via the USB cable. Next, select **Upload Data**. This step will upload the new tuning file onto the tuning module. After the file is loaded disconnect from your computer.

STEP 4 – Connect the tender to your battery to ensure stable power to your ECU during the programming. Do not attempt to flash on a weak battery, this could result in a damaged ECU. Next, connect your tuning module to your vehicle's OBDII port. After the tuning module powers up, select **Tuning**. You will then select the tuning file. The first map will always be your original ECU file that you can revert to at any time. The second file will be the tuned file. Select the tuned file and follow the instructions on the tuning module.

STEP 5 – After you have successfully reprogrammed your ECU, wait a few minutes and then start your vehicle. Ensure the vehicle starts properly. We do advise to capture some data logs. You can datalog via an OBDII port connection (we recommend an ELM 127 device and the Torque Pro app). Capture a few wide open throttle pulls in a safe area where you can run from 2K RPMs to redline in 3rd or 4th gear. Please obey local traffic laws. After you have logged a couple of pulls, please send us the logs and we will ensure the tune is running optimized on your vehicle. Finally, enjoy the added power!