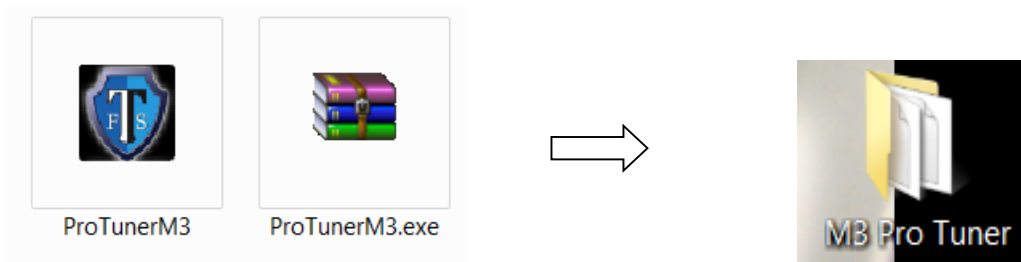




SMG Software Tune Installation Instructions - ProTuner

- Purchase your [TTFS SMG software](#) on our website and upload the [CUSTOM BUILD SHEET](#) included in the project options section. This build sheet must accompany your order. We cannot create your tune without it.
- Once your payment has been processed, you will be shipped a certified TTFS D-Can cable.
 - ***Note: Many other cables can be used with **ProTuner**. The software will recognize a supported cable when plugged in. However, we do not recommend you use other cables with our **ProTuner** software, only a TTFS certified D-Can cable should be used for optimum results.*
- Download the [ProTuner](#) software on to your desktop. You can download the files from the [Software Downloads](#) page on your site or from the [product description](#) section of the tune you purchased. *You will need to make sure your laptop has access to the internet).*
- Once the **ProTuner** software is downloaded, you will need to create a new folder on your desktop for the file.
- Once the folder is created you will need to place the downloaded **ProTuner** software in the folder. (***Note- the ProTuner software will read and write to your vehicle's DME).*



****IT IS EXTREMELY IMPORTANT TO MAKE SURE YOUR VEHICLE IS CONNECTED TO A STABLE POWER SOURCE, WHILE READING AND WRITING YOUR VEHICLE'S DME. RESULTS OF LOW BATTERY VOLTAGE WHILE CONDUCTING THESE STEPS WILL CAUSE THE DME TO CRASH. *****

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Collecting Protuner License file and performing DME read.

- Open/run **ProTuner** on your computer (some computers may require the software opened as an administrator.) Connect TTFS cable to laptop computer and then to the OBD2 port of vehicle.



- Once cable is connected and software is running, you will need to turn the ignition of your vehicle to ON (**ignition on with engine off**). Then, you will need to click on the **Collect License** tab on the **ProTuner** software.



(If everything is working properly the squares on the bottom left of the screen will be green instead of red etc.)

- Once the license data has been collected you will be asked to type in your name. Once finished, the license file will be located in the **ProTuner** folder on your desktop where the **ProTuner** software resides.
- Once license data is collected you will then need to read your DME. Select the “**read DME**” tab on the **ProTuner** software. *(Make sure all loads such as a/c blower fan, radio, interior lights and headlights are OFF.)*



PLEASE DO NOT DISTURB WHILE THE SOFTWARE IS READING YOUR DME.

- Once the software has completed the reading process you will then **save the file**, the file will be saved inside the **ProTuner** folder.
- The **ProTuner** license file .LIC and the **ProTuner** “binary read” file .enc will then need to be sent via email to the TTFS tuner, Frank Smith, at info@tuningtechfs.com. Please include your name and tune type in the subject line of your email.
- Once the files have been sent via email, you can turn the vehicle’s ignition off, disconnect the TTFS cable, and close the software on your computer.
- A custom tune with your desired specifications will be created for your vehicle (“Tuned.enc”) and emailed back to you along with a **ProTuner** key file. (“Your name .key”). **Please allow for 2-3 business days for SMG tuning file to be sent to you.**
- Once you receive these files, they will need to be downloaded from your email and placed into the **ProTuner** folder where the **ProTuner** software resides.

Flashing DME with Tuned File

- Once the .enc file and the .key file have been downloaded and placed in the **ProTuner** folder you will need to open the **ProTuner** software back up, and connect your TTFS cable to your vehicle and to your computer. Please turn your vehicles ignition ON (**leave the engine OFF**).
- Select “reflash DME” on **ProTuner** software. Once selected, you will need to open the modified tuning file (.enc file) that was sent to you.

**Note- once the file is opened the reflashing process will begin.*



DO NOT DISTURB THE SOFTWARE, COMPUTER OR VEHICLE WHILE FLASHING IS IN PROCESS.

- Once the flashing process has completed please turn your vehicle’s ignition OFF for at least 30 seconds before restarting your vehicle.
- Unplug the D-can cable from vehicle, close the ProTuner file and folder. Tuning is complete.

TTFS thanks you for your purchase!