****** **IMPORTANT: Please read the Entire directions CAREFULLY before you begin!** *******

Step 1 – Saving & Preparing the Files to be Installed:

In this step you will ensure you have saved *and extracted* the file(s) before proceeding to Step 2

1. **Download / Save the files to your Desktop -** Save the attached files from your email program to the Desktop of the computer you will use to install the flash to your vehicle. It is very important that you do this exactly as stated!
Do not attempt to run the file(s) from within Outlook or any other email application.

2. **Unzip the Saved Files – (Anything other than this will damage your DME!)** Do not assume they are Unzipped. **THEY MUST BE UNZIPPED and on your DESKTOP.** Make certain of this! To check for this condition you will note that there will be **NO ZIPPER** on **ANY** files you would click to get to the Tuned or Original file. If you see a zipper, then you **HAVE NOT** unzipped the files. **If you fail to unzip the file(s) it will cost you a DME.**
(To Unzip a file in Windows – Right Mouse Click on the zip file and choose the "Extract All" option, and then select "Desktop". If you have done this correctly, the file(s) will be extracted and visible on the Desktop WITHOUT A ZIPPER on it.)

   PLEASE NOTE: Make sure you **UNZIP** the files *on the computer you will be using* for the flashing program. **THEY WILL FAIL** if they are not. **DO NOT** unzip them and re-send them in an Email. This can cause them to become corrupt files and they will fail.

Step 2 – Instructions for Flashing Your Vehicle with the Files

In this step you will prepare your vehicle and computer and install the flash file(s) – Then go to Step 3

1. **Getting the Vehicle Ready** – Before you begin, your vehicle battery should be at, or near 100%. If the car has been sitting for as little as a week, **IT WILL NOT HAVE A FULLY CHARGED BATTERY**. Check this before you attempt to flash the vehicle, and place and leave the vehicle on a battery charger of at least 10 amps and up to 40 amps during the flash. Again, **the battery must be fully charged before any programming is started!**

2. **Getting the Computer Ready** - Plug the Laptop in, so the battery is **charging (You should NOT do this procedure on the computer's battery power!)** If you do attempt to run on battery power while programming, the computer may shut down and cause damage to the DME.

   Make sure your computer is booted up with **NO** Anti-spyware, Instant Messaging, Anti- virus running, or otherwise disable or close them. These types of programs may launch at any time and cause issues or failure of the flashing process.

   Make sure you have an Internet connection. You can verify this by clicking this link: http://www.softronicsoftware.com/

3. **Flashing the Vehicle –** Plug the USB end of the provided Durametric® cable into the laptop ***and then*** plug the other (large) end to the OBD2 port (also called the diagnostic port).
   1) Now, with the key in your vehicle, turn the ignition to the **ON** position **(DO NOT START THE VEHICLE).** Make sure the cable is fully plugged into the OBD2 port! **DO NOT** bump the cable while programming! (In fact, do not sit in the car. Place the laptop on the seat and plug in the cable.)
   2) Double click on the Tuned file that you downloaded (the unzipped file on your desktop).
   3) The program will start and run. Follow any on screen directions. You can watch the status bar on the bottom. *(This should take about 5 minutes.)* **DO NOT** change to "slow", leave the program rate set to "fast" as it defaults. Also, **DO NOT** open any other software, re-click start, or any other action while flashing.

4. **Finishing Up** – When complete, the program will say "Finished". At this point, turn the key off, unplug the cable and start the vehicle.

Step 3 – Post Flashing Process Instructions (For DFI equipped vehicles)

** Do this step AFTER you have flashed the vehicle as outlined above in steps 1 and 2

1. **Limp Mode** – When you start your vehicle after flashing the vehicle as described above, the car will likely go into **"LIMP" Mode**. **This is normal** and happens even when the Dealer flashes a DFI car. **The faults have to be eliminated for it to run properly.** When the car is in this **"LIMP"** mode it will start, however, **"Reduced Engine Power"** will display. **DO NOT**

flash the car again as the flash was done correctly. The faults simply need to be cleared and the Throttle Body needs to go through an adaptation process. The Following Steps will correct this.

2. Make sure you have downloaded and installed the latest version of Durametric® 6.1.0.2 or higher. **For the Durametric Software,** go to http://www.durametric.com and download the latest version software.

3. Plug the Durametric® cable into the USB port of the computer, then into the ODBII port of the vehicle. Now, with the key in your vehicle, turn the ignition to the **ON** position **(DO NOT START THE VEHICLE).**

4. Launch the Durametric software and go to the "DME or Engine Control Unit (ECU)" section.

5. Select "Basic Settings" and then accept the terms to continue. Turn on and start **"read"** if the Throttle Body (TB) adaption doesn't start. You may have to start over if the key has been on for a bit. When the **14** is displayed in the bottom box, this is done and you may exit this section.

6. Next, go to the left top (**Menu**) of the Durametric software while the vehicle is still connected (**with version 6.xx**). You will see an option to "**Erase all faults**". Click this.

7. When completed exit the program, disconnect the cable, turn of the ignition, and then start your vehicle.

Note: Never use a Mac unless it is an Intel base running Boot Camp in XP, XP pro, Vista or Win 7.0 or 8.
If you have **ANY** problems you **MUST** re-boot the computer, cycle the key and unplug the USB cable from the laptop and start over! Basically, like you just walked out to the car for the first time. The software will automatically try to fix it.