## ** HOW TO COPY CURRENT TUNE FILES FROM TOOL/VEHICLE **

**SECTION 1** is for U7194 rev. 9r07 or less, and U7191 rev. 9r03 or less.

**SECTION 2** is for the new U7194 rev. 9r08 or higher, for the Trinity, and for 7192, 7193, 7198's on new 9rXX revisions.

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So, you want/need a custom tune for your vehicle?? And your tuner asks you to send them your tune file from your vehicle but you're not sure how??

Well, here's what you do:

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## SECTION 1:

## FOR U7194 rev. 9R07 OR LESS - AND - U7191 rev. 9R03 OR LESS

**To get a copy of the current diablo tune (the "extra tune") out of your vehicle:**

1. **With your predator hooked up to your vehicle's OBDII port, and the car key is turned into the same ON position as if you were going to install a tune, go to OPTIONS > CUSTOM TUNE > READ EXTRA TUNE. -- This will copy the diablo preset tune from the car into the predator.** -- You MUST do this step before you will be able to export the extra tune from the Predator to your PC!

Once that copy process is done, press the ESC button until you are back at the main menu, and then you can unplug your predator from the OBD port.

2. Make sure you have installed the GMLS2InterfaceInstaller app on your PC.

3. then hook up your predator to your PC

4. then after the predator boots up, go to OPTIONS > CUSTOM TUNE > EXPORT TUNE > EXTRA TUNE -- the predator will start the transfer process of copying the tune file to your PC, and will pause at 5%

5. start up the GMLS2InterfaceInstaller app (the E40 Interface app)

6. click the GET FILE button - it will give you a popup window to select where to save the file, and the option to change the filename. Enter that info and click OK. then it will tell you to start the xmodem transfer process before clicking ok - we already did that with the predator - so just click OK.

7. the copy process will begin and it will copy the tune to your PC to the location you selected. When it's done, it will give you a popup saying Download Completed OK.

8. Then, email that extra tune file to your tuner.

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**To get the copy of your <u>original backup</u> tune file out of the predator:**

1. hook up your predator to your PC

2. then after the predator boots up, go to OPTIONS > CUSTOM TUNE > EXPORT TUNE > ORIGINAL BACKUP -- the predator will start the transfer process of copying the tune file to your PC, and will pause at 5%

3. start up the GMLS2InterfaceInstaller app (the E40 Interface app)

4. click the GET FILE button - it will give you a popup window to select where to save the file, and the option to change the filename. Enter that info and click OK. then it will tell you to start the xmodem transfer process before clicking ok - we already did that with the predator - so just click OK.

5. the copy process will begin and it will copy the tune to your PC to the location you selected. When it's done, it will give you a popup saying Download Completed OK.

6. Then, email that original backup tune file to your tuner as well.

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The tuner will make the custom tune for you, and then email the custom tune file back to you.

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Now - After they email you back with your new custom tune, you'll need to load that custom tune into your predator, so...


**Importing a custom tune into the Predator:**

1. hook up your predator to your PC

2. go to OPTIONS > CUSTOM TUNE > IMPORT TUNE -- the predator will start the transfer process of copying the custom tune from your PC to the predator, and will show "Importing from PC" on the screen.

3. start up the GMLS2InterfaceInstaller app (the E40 Interface app)

4. click the SEND FILE button - it will give you a popup window to select the tune file to import.

5. select that custom tune file that your tuner sent you back and click OK.

6. the copy process will begin and it will copy the custom tune from your PC to your Predator. You will see the byte count increasing in the lower left side of the E40 PC Interface app...

7. once it's done, it will say download complete / file transfer complete - and the Predator screen will show/flash "import OK".

8. You may now unhook the Predator and go to the vehicle to install the custom tune.

**READ "** ** IMPORTANT NOTE **" AT BOTTOM BEFORE INSTALLING TUNE TO YOUR VEHICLE!**

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## SECTION 2:

## FOR U7194 rev. 9R08 OR HIGHER - AND - TRINITY - AND - 7192, 7193, 7198 on new 9rXX revisions

**Saving the original backup tune and current tune (Last Tune Written) to your PC:**

1. Make sure you have installed the latest version (2.2.2.11) of the DSDownloader app on your PC.

2. Connect your Predator/Trinity to your PC and power it up, and then run the DSDownloader program.

3. Once you open DSDownloader, click "Options" and make sure there is a check mark next to "Auto Connect".

4. Once Auto Connect is enabled, the DSDL will search for and find your

Predator/Trinity on its assigned COM port.

5. Once it finds your Predator/Trinity, you will be taken to the Express Tune page. From the Express Tune page, click "Get tune file from Tool".

6. The DSDownloader will then popup a new window with two choices - Original Backup and Last Tune Written. Click on ORIGINAL BACKUP once to select/highlight it, and then click OK to save it to a location of your choosing on your PC.

7. Your "Original Backup" tune file is now saved to your PC.

8. Now, Repeat the steps above in order to export a copy of the "Last Tune Written" - because the tuner creating your custom tune for you will need BOTH files. This "last tune written" tune file is a copy of the current diablo tune you have installed in your vehicle. So, from back at the Express Tune page in the DSDownloader, click "Get tune file from Tool".

9. The DSDownloader will then popup a new window with two choices - Original Backup and Last Tune Written. This time, click on LAST TUNE WRITTEN once to select/highlight it, and then click OK to save it to a location of your choosing on your PC.

10. Now your "Last Tune Written" tune file is also saved to your PC.

11. Email BOTH of those tune files to your tuner.

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The tuner will make the custom tune for you, and then email the custom tune file back to you.

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Now - After they email you back with your new custom tune file attached, you'll need to save that custom tune file to your PC and load that custom tune

into your Predator/Trinity, so...

**Importing a custom tune into the Predator/Trinity:**

1. Connect the Predator/Trinity to your PC and power it up... Then open up the DSDownloader.

2. Let the DSDownloader auto connect to the tool.

3. On the DSDownloader - go to the Express Tune tab and click "Send Tune File to Tool".

4. You will get a new window asking you to select the custom tune file for importing.

5. So, Browse through your PC to find where you saved the new custom tune file, and click it once to highlight it, then click "open".

6. You will then get a new window asking you to select your original backup stock tune file - so select Browse for original backup... then, browse your folders or desktop to look for the copy of your "original backup" stock tune file you saved to your PC before, and click it once to highlight it - then click "open".

7. The DSDownloader will automatically compare these files to determine if they are the same size and of the same calibration.

8. Once it determines the files are OK, it will import the custom tune file to the Predator/Trinity. This will all happen very fast, usually in under 10 seconds.

9. The DSDownloader will tell you that the import/download was successful, and the Predator/Trinity screen will show/flash "import OK". (this occurs quickly on the Predator/Trinity screen, so you may not see the message.)

10. You may now unhook the Predator/Trinity and go to the vehicle to install the custom tune.

**READ "** <span style="color:red">**\*\* IMPORTANT NOTE**</span>**" AT BOTTOM <u>BEFORE</u> INSTALLING TUNE TO YOUR VEHICLE!**

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<span style="color:red">**\*\* IMPORTANT NOTE:**</span> your Predator/Trinity may prompt you to say that you are changing tunes, and then ask you if you want to **"Reset All Parameters?" - when it asks you this, <u>make sure you answer/select YES</u> to this question to reset the parameters** that you adjusted before. <u>The changes you made yourself before are already in the custom tune</u> (or have been corrected), since you copied it out of your vehicle ("last tune written) to send to the tuner. If you select NO, then it will apply your previous adjustments on top of the adjustments that are already in the custom tune, and it will get very ugly. **So, if/when it asks you to "Reset all parameters?" - make SURE that <u>you answer/select YES!</u>**

Do the install just like any other performance tune, and you're good to go with your new custom tune.