

1) Read your stock file – With the car “Off” plug the tuner into your OBD2 diagnostic port (use the cable included). The OBD2 diagnostic port is located below the steering wheel.

Turn the key to the “ON” position but **do not** start the car.

Press the “**Next**” button on your tuner until the display reads
“**Read 1**
E55”

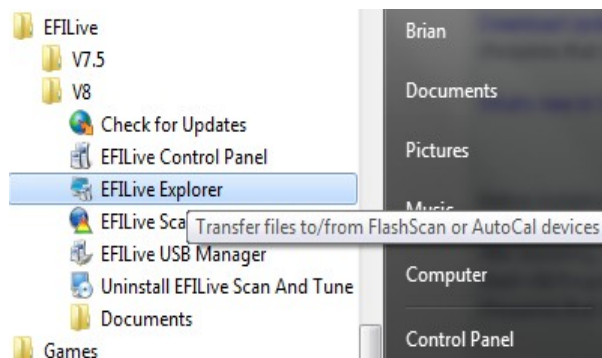
Press the “**Ok**” button to begin reading the file. The display will show a progress bar and will prompt you to turn the key to the “**Off**” position when it is finished. Press the “**Ok**” again and it will run a count-down timer to allow the computer in the car to reset before you start the engine.

Unplug the tuner from the car and connect it to your computer using the USB cable.

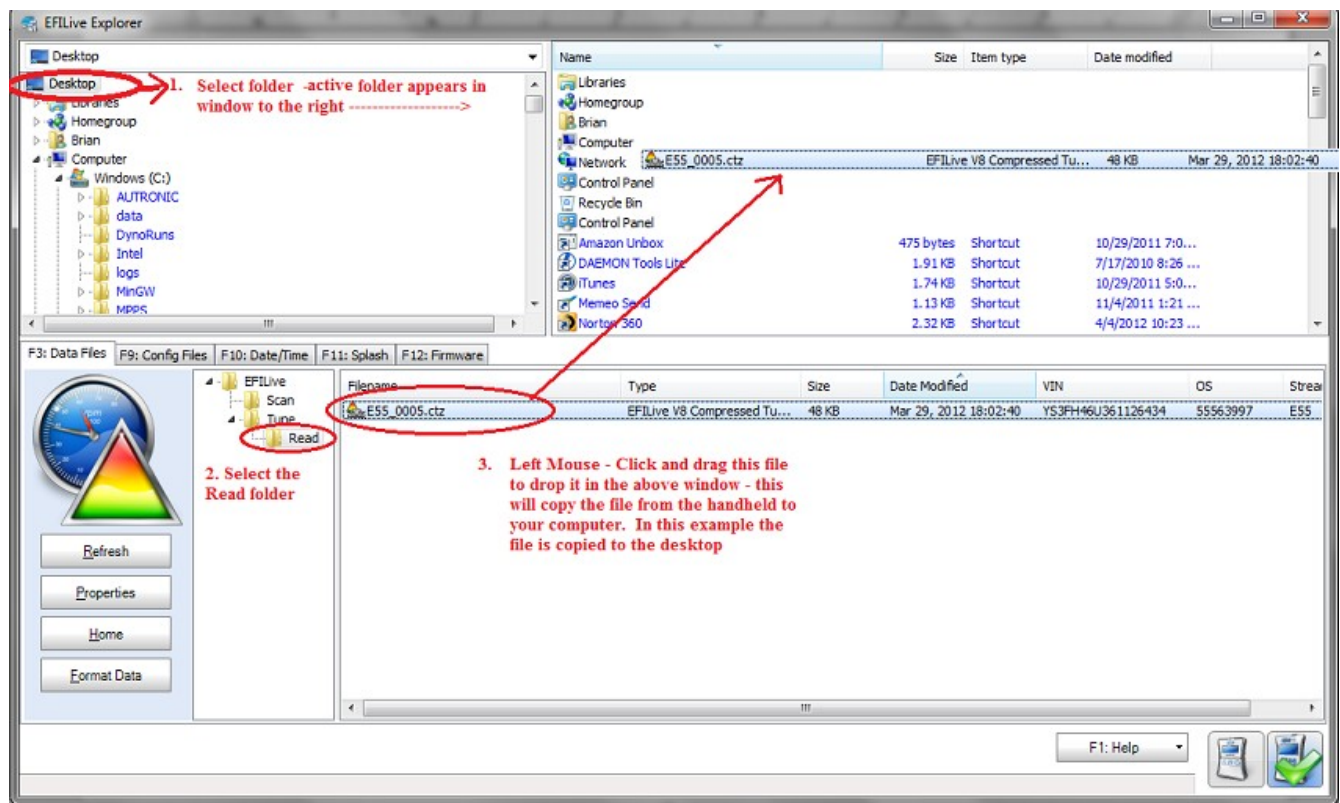
2) Download and Install EFILive V8 software:

http://www.efilive.com/index.php?option=com_content&view=article&id=48&Itemid=133)

Open EFILive V8 Explorer:

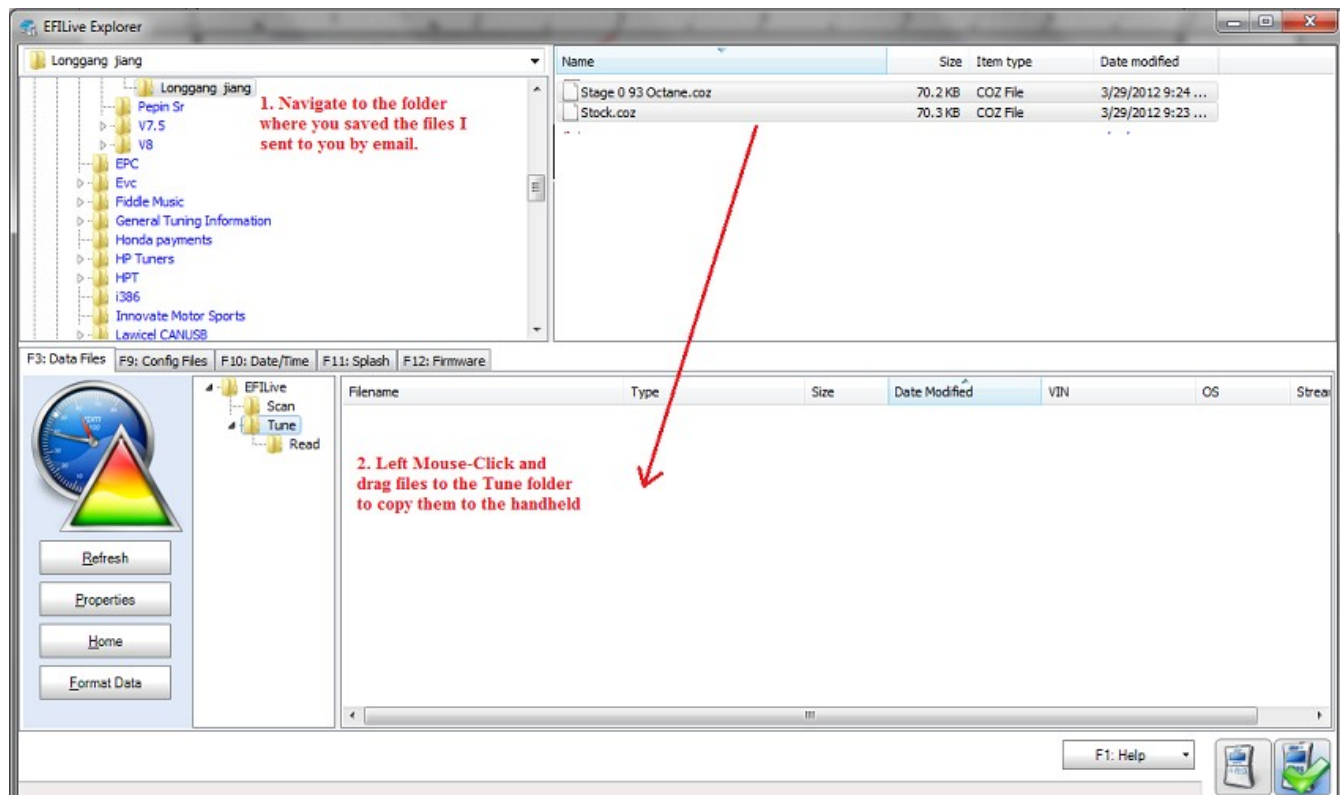


3) Copy files from the handheld to your computer and email the files:



Email the E55_000X.ctz file to vermontuner@yahoo.com.

4) I will email to you the new Tune files within 24hrs. Once you receive the new files, open EFLive Explorer again and copy the new files to the Tune directory:



5) Unplug the handheld from your computer and go to your car.

To flash a new calibration file – With the car “Off” plug the tuner into your OBD2 diagnostic port. Turn the key to the “ON” position but **do not** start the car. Press the “Next” button on your tuner until the display reads the calibration you would like to install:

Example:

Prog 1

Stage 0 98 RON

Press the “Ok” button to begin writing the file. The display will show a progress bar and will prompt you to turn the key to the “Off” position when it is finished. Press the “Ok” again and it will run a count-down timer to allow the computer in the car to reset before you start the engine.

Thats it – just unplug the tuner and enjoy the new power!

Data Logging:

You start a data log by selecting the "Record Data" option on the handheld while the engine is running. Once the log begins it will display a timer indicating the elapsed time. If you do not see the timer and a message displays like Unknwn PIDs then just press the OK button and the timer should appear. You must exit/save the log before you disconnect the handheld or the data will be lost. Just press the "Prev" button while the timer is running to exit/save the log (it will prompt you to press the OK button to confirm that you wish to exit and save). I like to see 5-10 minutes of mixed driving with some wide open throttle acceleration through the first couple of gears. To transfer the logs from the handheld to your computer, start the EFILive V8 Explorer application and click on the “Scan” folder. Your data logs will appear under this folder with file names like E55_0001.efi. The date/time may not be current because the handheld does not have a built in battery to keep the current date/time. You can synchronize the handheld date/time to your computer each time you run the EFILive V8 Explorer application by selecting the F10 Date/Time tab and then clicking on the Set Now button while connected to the handheld.

If you experience stuttering/misfires under hard acceleration then you probably need to check your spark plug gaps and you may need one or more ignition coils. I can advise you of any issues after I review your data log, including misfires on each cylinder to help isolate which coils need to be replaced. There is much more information on misfires, why they occur after tuning, how to resolve the misfire issues, spark plug gap recommendations, coil part numbers and much more posted on my website under the Forum section for the Saab 2.8T Aero:

<http://www.vermonttuning.com/forums/forum/model-specific-discussions/saab/saab-9-3-aero-2-8t-turbo-x/>

Cheers,

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