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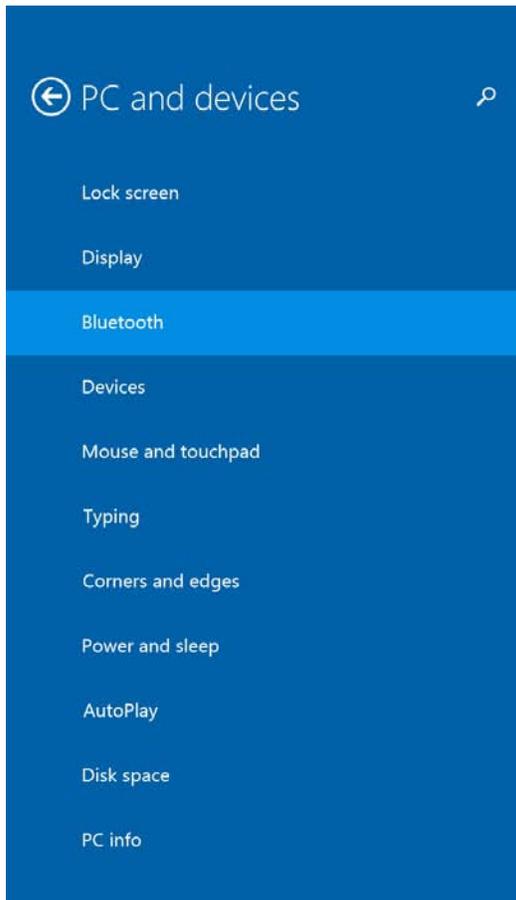
Requirements

1. Windows 7 or higher compatible Laptop
2. Laptop with Bluetooth compatibility

Bluetooth Connection Process

1. Plug the Spork OBD-II Dongle into the OBD-II port of the vehicle.
2. Pair the Delicious Tuning Spork to the laptop
3. Make sure the laptop shows it is connected after it has paired successfully.

Software Installation

1. Extract from the zip file to the desktop and double click the installation executable
2. Follow the steps to install the software for reflashing your vehicle
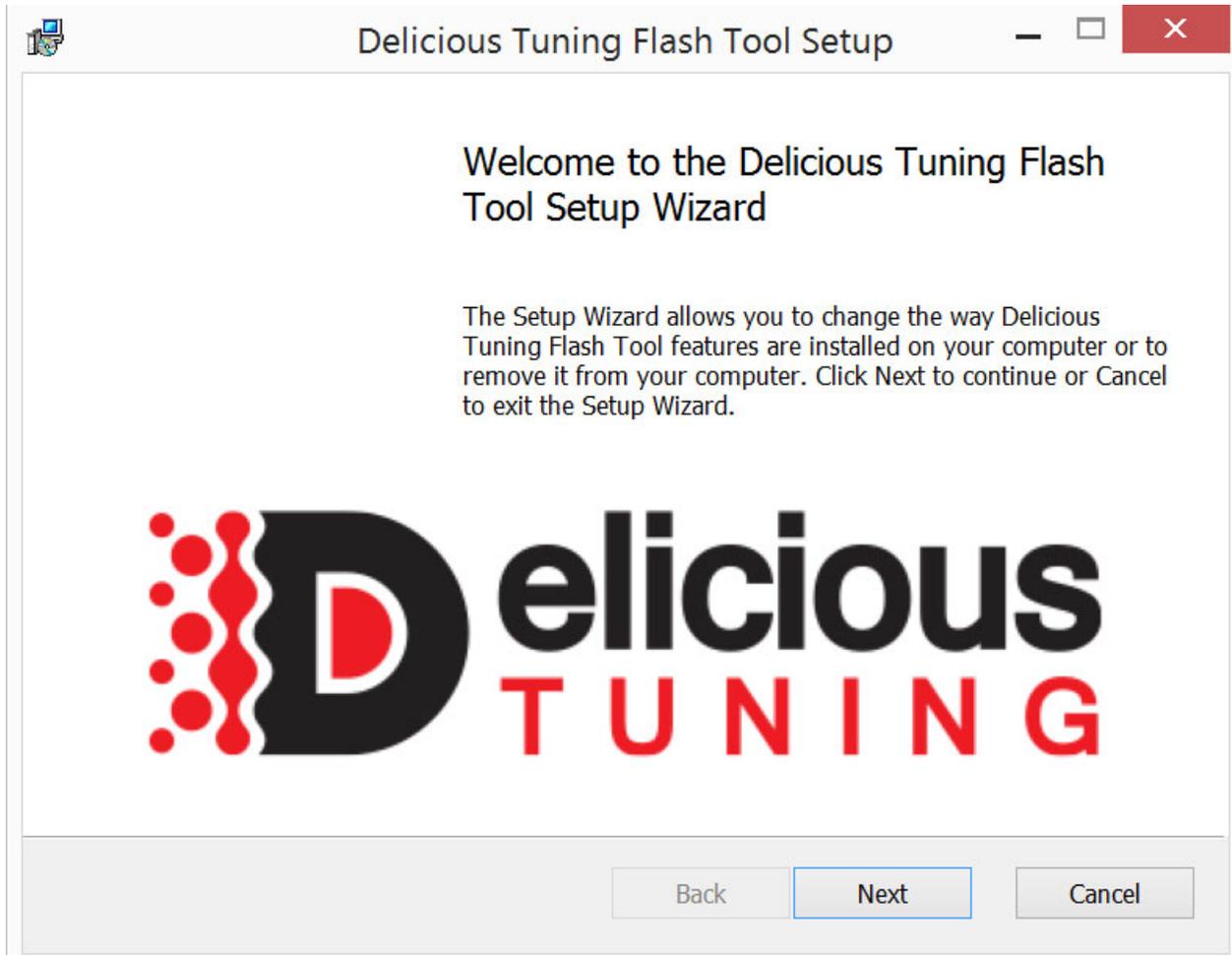
Retrieving Spork's Serial Number

1. Make sure to the have the Spork plugged into the vehicle and the car in the ON position
2. Double click the Delicious Tuning Flash Tool Icon to open the software
    a. This will automatically connect to the Delicious Tuning Spork Hardware
3. Goto -> Tuning -> Device Info and Retrieve the Serial Number
4. Please email the serial number to sales@delicioustuning.com
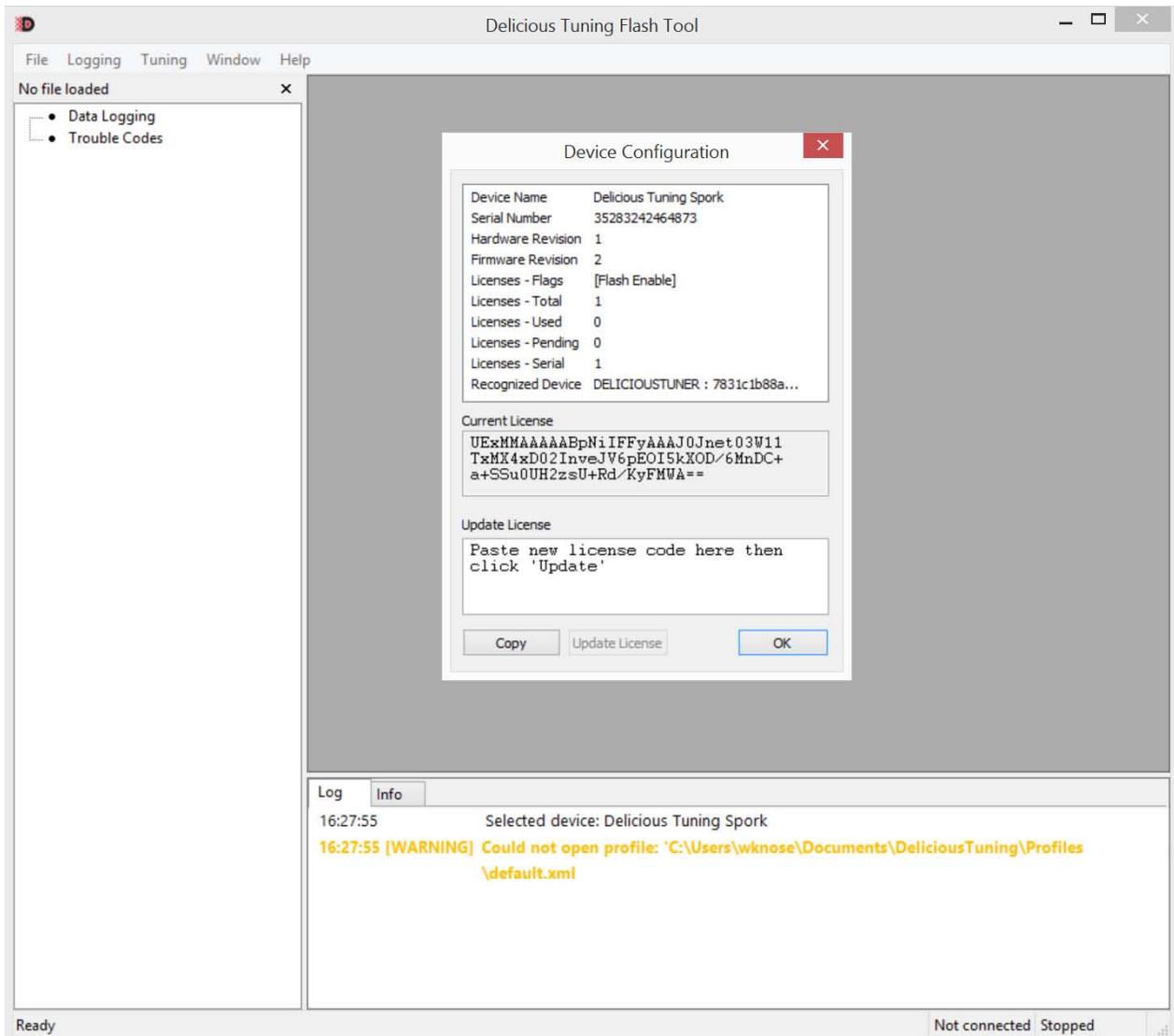
Retrieving the ECU's ROM Calibration

1. Make sure to the have the Spork plugged into the vehicle and the car in the ON position
2. Double click the Delicious Tuning Flash Tool Icon to open the software
3. Goto -> Tuning -> Read to download the calibration information
4. Please "OPEN" the file when prompted to do so.
   a. If asked to upgrade to latest version, select "YES".
   b. The file identification will be at the top of the left hand window.
   c. Ex. "2001 Subaru Forester 2457cc (AJ211)"
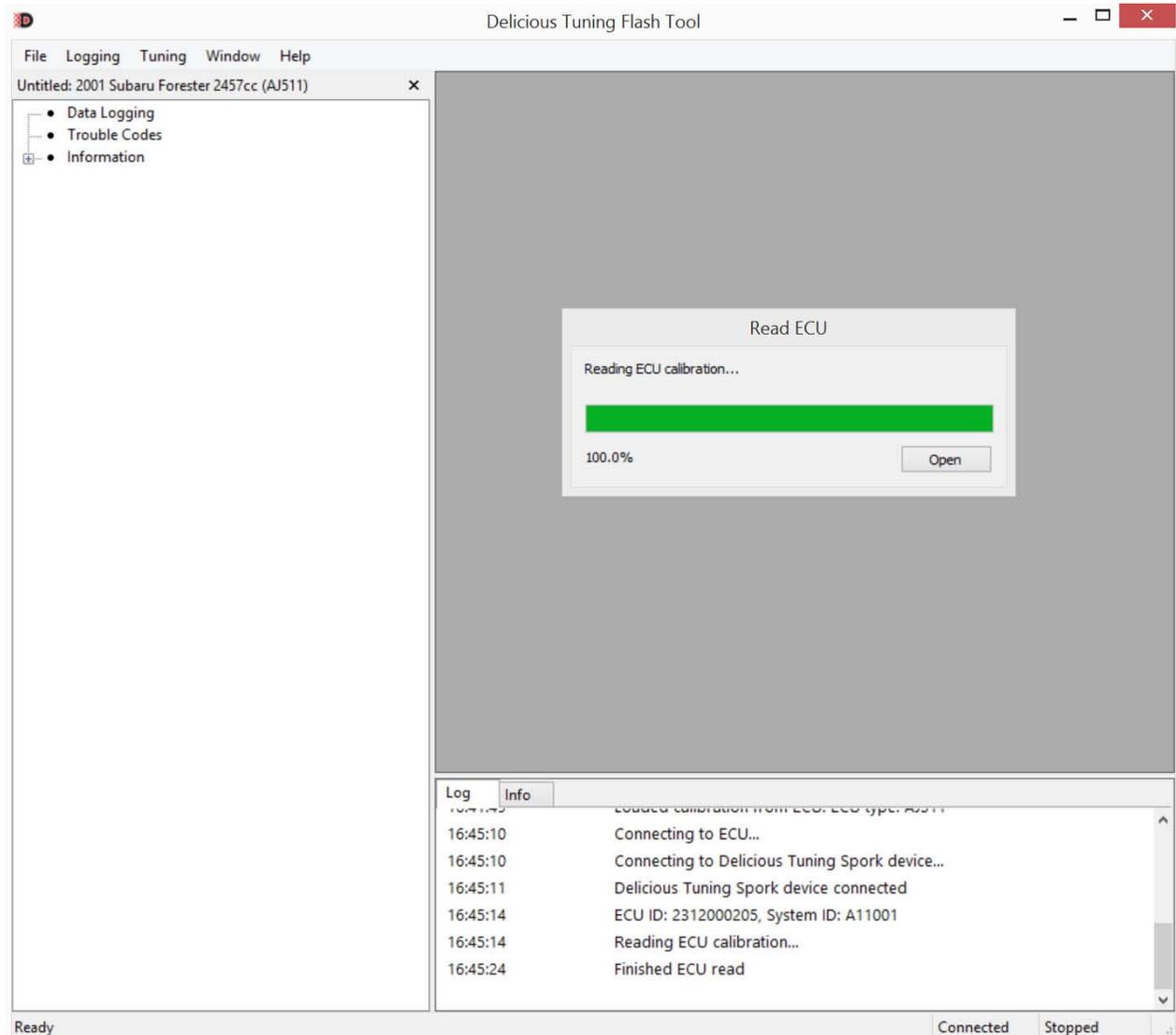5. Please send those details to sales@delicioustuning.com

Reflashing the custom ECU ROM Calibration

1. Make sure to the have the Spork plugged into the vehicle and the car in the ON position
2. Double click the Delicious Tuning Flash Tool Icon to open the software
3. Goto -> File -> Open and select the file that was emailed and downloaded to your laptop
4. Goto -> Tuning -> Write to flash the calibration onto the ECU and follow the on screen steps
   a. *The green test mode connectors are located under the driver's side dash.*

Setup logging profile for ECU ROM Calibration
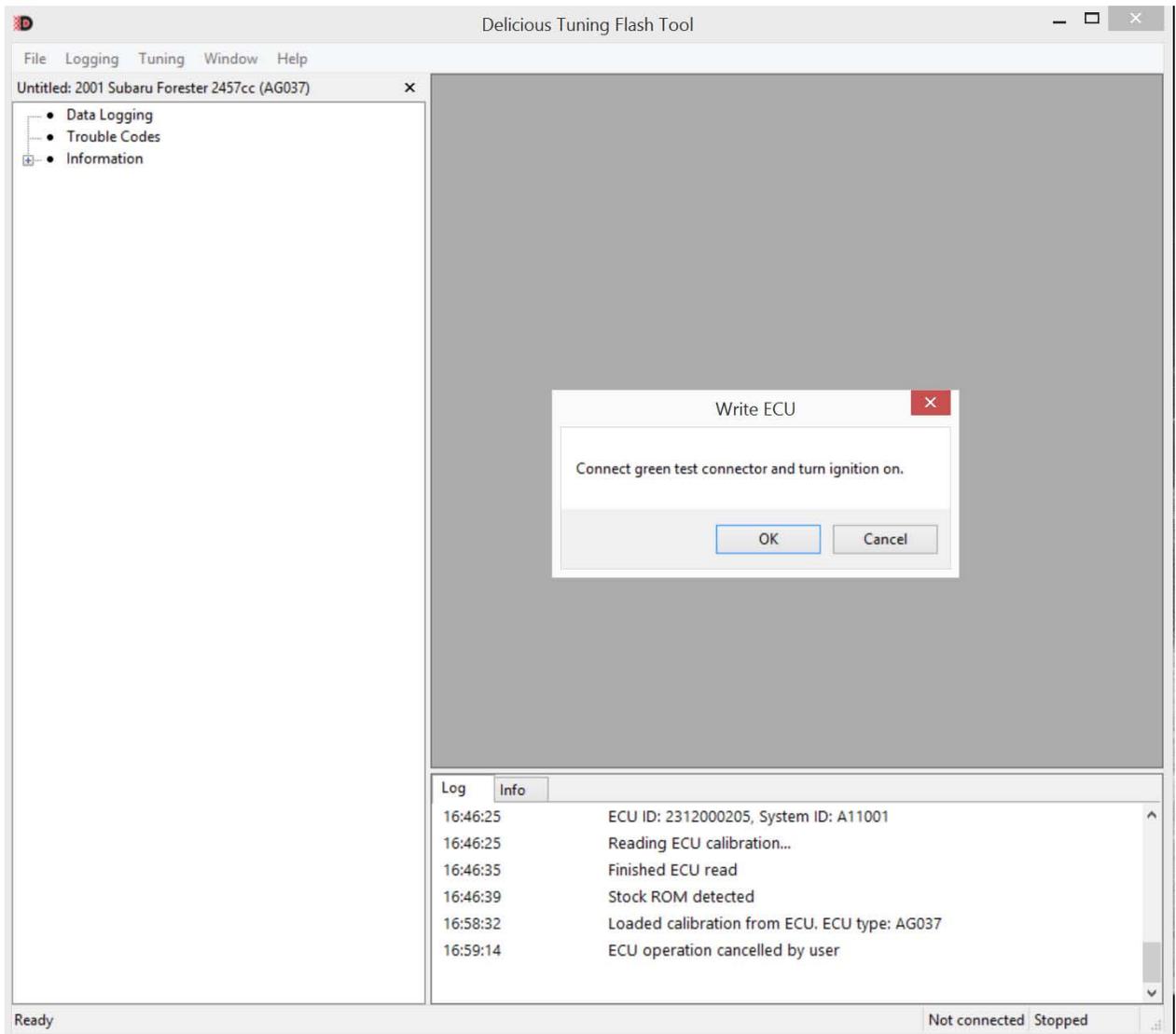
1. Make sure to the have the Spork plugged into the vehicle and the car in the ON position
2. Double click the Delicious Tuning Flash Tool Icon to open the software
3. Goto -> File -> Open and select the file that was emailed and downloaded to your laptop
4. Goto -> Logging -> Settings and "Select ECU"
    a. Select the Model, Market (USDM if purchased in North America) and Year
    b. Then select the highest valued ECU ID and press OK
    c. Set ECU as default profile and press OK, it will ask you to save the profile.

ECU	Year	Model	Engine	OS ID	ROM ID
AF408X-AT	2002	GDEA Impreza USDM	EJ251	A11001	1B12008105
AF408X-MT	2002	GDEA Impreza USDM	EJ251	A11001	1B12008005
AF580	2000	(GC) Impreza 2.5RS USDM	EJ251	A11001	1E12000405
AF581	2000	(GC) Impreza 2.5RS USDM	EJ251	A11001	1E12000705
AF582	2000	(GC) Impreza 2.5RS USDM	EJ251	A11001	1E12080805
AF583	2000	(GC) Impreza 2.5RS USDM	EJ251	A11001	1E12080905
AF584	2000	(GC) Impreza 2.5RS USDM	EJ251	A11001	1E12080A05
AF592	2000	(GC) Impreza 2.5RS USDM	EJ251	A11001	1E12000805
AF593	2000	(GC) Impreza 2.5RS USDM	EJ251	A11001	1E12000905
AF594	2000	(GC) Impreza 2.5RS USDM	EJ251	A11001	1E12000A05

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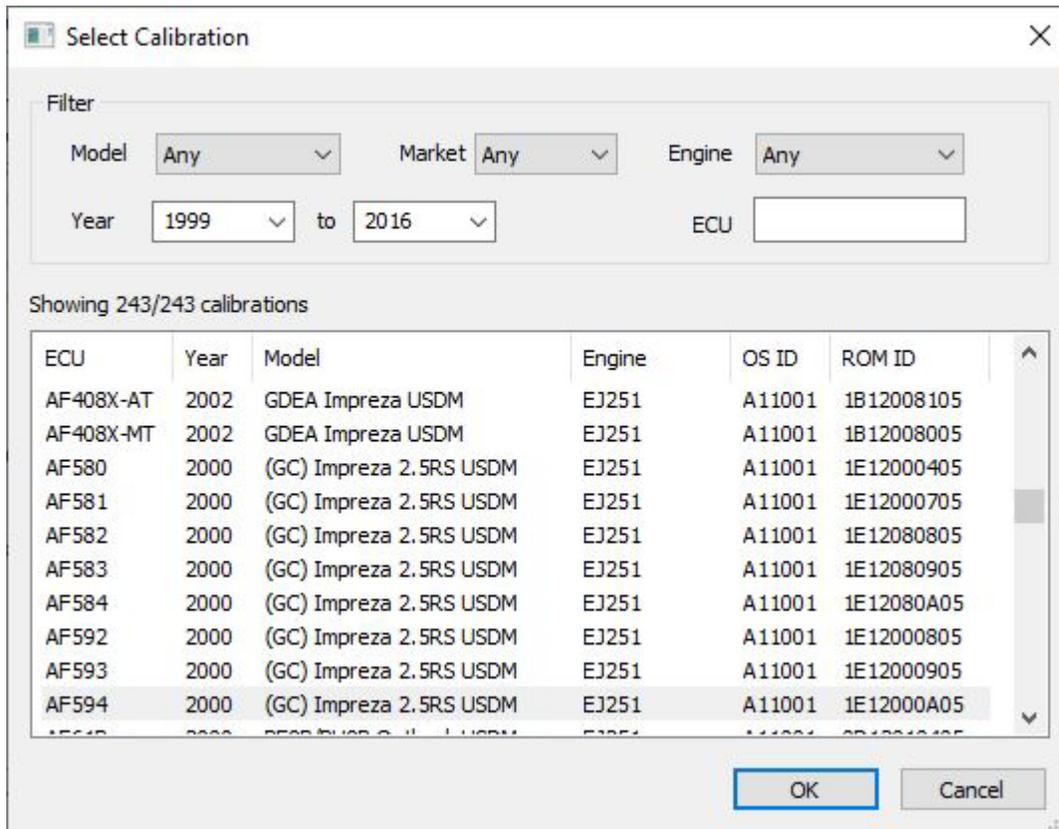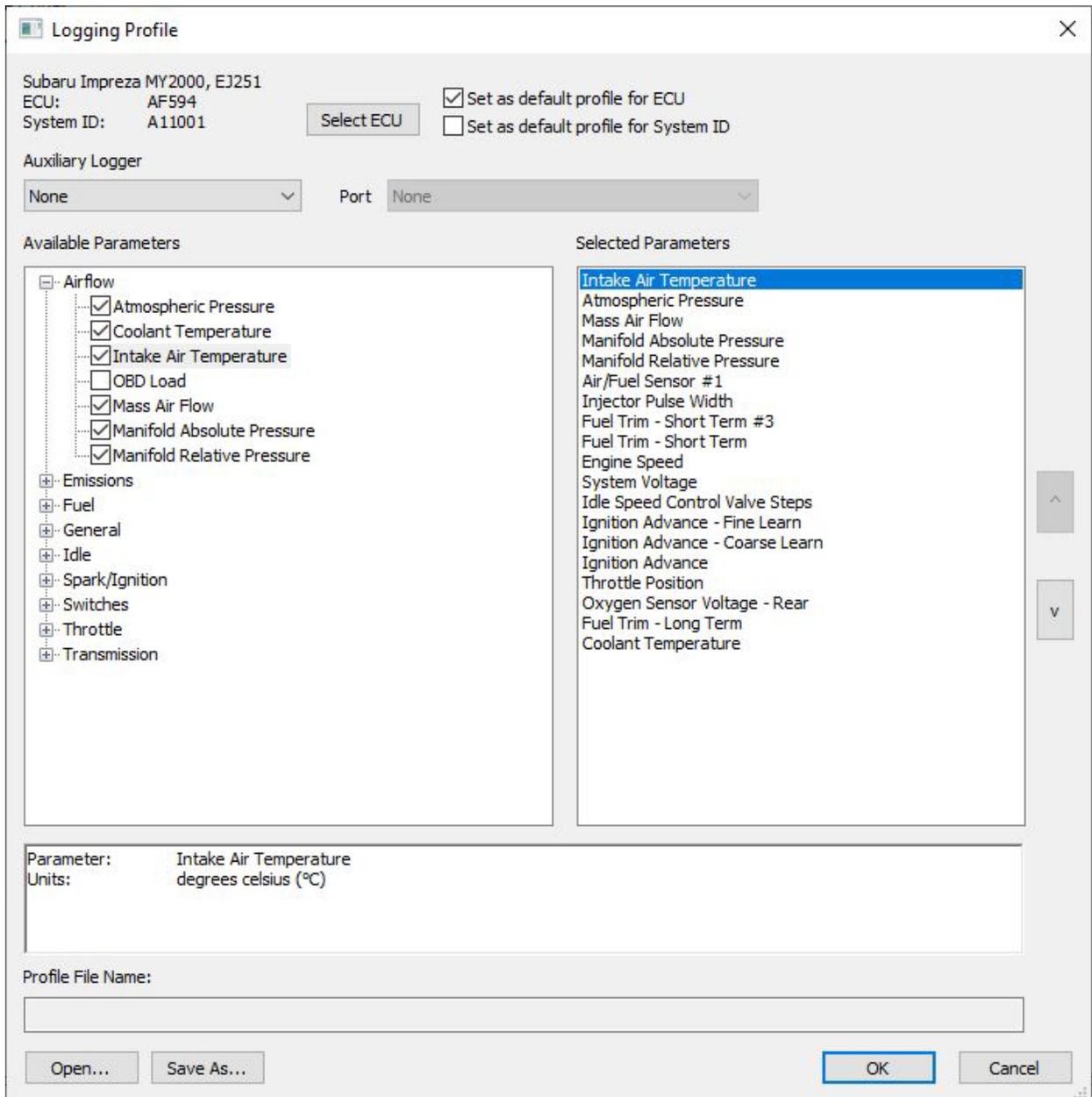**Setup logging parameters for ECU ROM Calibration**

1. Make sure to the have the Spork plugged into the vehicle and the car in the ON position
2. Double click the Delicious Tuning Flash Tool Icon to open the software
3. Goto -> File -> Open and select the file that was emailed and downloaded to your laptop
4. Goto -> Logging -> Select Parameters (list below) and Save As to store the changes.
   a. Some parameters will be different or missing between ROM's.

Please select at least these parameters (right hand column) when sending logs.

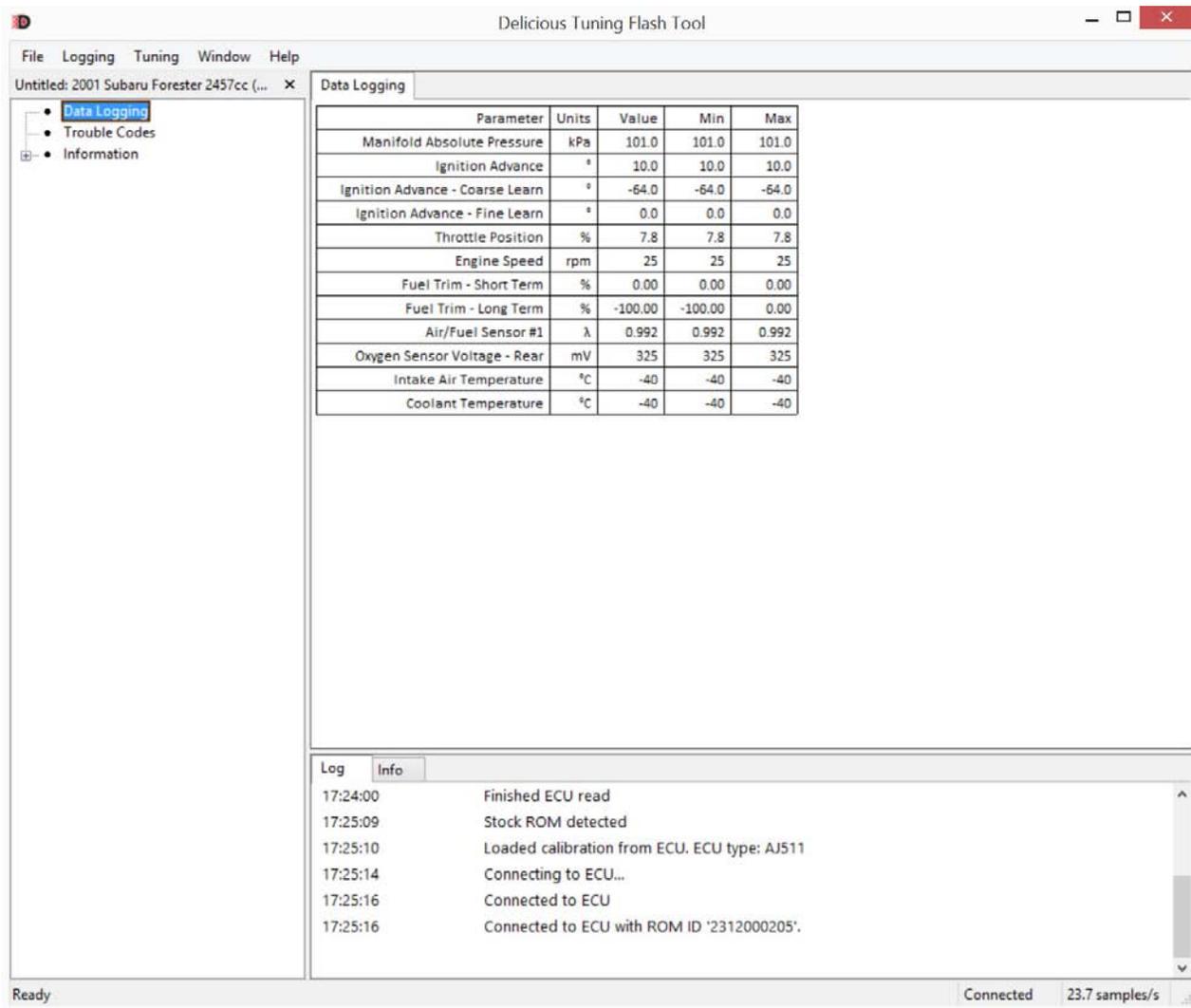**Logging based on the custom ECU ROM Calibration**

1. Make sure to the have the Spork plugged into the vehicle and the car in the ON position
2. Double click the Delicious Tuning Flash Tool Icon to open the software
3. Goto -> File -> Open and select the file that was emailed and downloaded to your laptop
4. Goto -> Logging -> Start
   a. This will start logging immediately
5. Goto -> Logging -> Stop
   a. This will stop the logging process
6. Goto -> Logging -> Open Log Folder
   a. Select the most recent logs and please email them to your tuner for review.

Parameter	Units	Value	Min	Max
Manifold Absolute Pressure	kPa	101.0	101.0	101.0
Ignition Advance	°	10.0	10.0	10.0
Ignition Advance - Coarse Learn	°	-64.0	-64.0	-64.0
Ignition Advance - Fine Learn	°	0.0	0.0	0.0
Throttle Position	%	7.8	7.8	7.8
Engine Speed	rpm	25	25	25
Fuel Trim - Short Term	%	0.00	0.00	0.00
Fuel Trim - Long Term	%	-100.00	-100.00	0.00
Air/Fuel Sensor #1	λ	0.992	0.992	0.992
Oxygen Sensor Voltage - Rear	mV	325	325	325
Intake Air Temperature	°C	-40	-40	-40
Coolant Temperature	°C	-40	-40	-40

Log	Info	
17:24:00	Finished ECU read	
17:25:09	Stock ROM detected	
17:25:10	Loaded calibration from ECU. ECU type: AJ511	
17:25:14	Connecting to ECU...	
17:25:16	Connected to ECU	
17:25:16	Connected to ECU with ROM ID '2312000205'.	

PROGRAMMING POLICY; RESULTS NOT GUARANTEED

Results are not guaranteed for Installation Services and Programming Services. Any horsepower estimates are believed to be accurate based on the best information available at the time the estimates are made, however they are subject to the efficiency of individual automobile engines and transmissions, and may be adversely affected by the intake system, turbochargers, suspensions, O2 sensors, the exhaust system, other performance products, programming devices, among other variables outside of the control of DT For example, an important part of having my automobile tuned is to be sure that the intake tract is free of leaks both when in positive boost pressure and under engine vacuum. The vast majority of modern day cars use an extremely sensitive mass airflow sensor which can be thrown off by these leaks.

DT cannot be responsible for variation in the actual power output of automobiles from DT's representative results—even where the power output is adversely affected by performance products or programming devices serviced or programmed by DT.

Programming of electronic devices is a highly sensitive science. DT cannot be responsible for my actions regarding fuel quality, maintenance, driving use or abuse, or other such factors. Therefore, DT is not responsible for direct or consequential damages to my automobile or engine from driving after the Diagnostic Testing and Programming Services.