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WHAT YOU'LL NEED

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- 1) Laptop using Windows with:
 - a) VF Tuner installed and updated to the latest version
 - b) Full charge of battery and/or plugged in to the wall socket
- 2) WiFlash Device or Legacy Device
- 3) Strong/Consistent internet connection where you will do the writing/flashing
- 4) The vehicle to be flashed and its car key(s)
- 5) Battery tender (optional)

Reminder:

If you're updating your VF Tuner from an old version, you may want to:

- a) uninstall your old version of VF Tuner,
- b) delete the installation folder,
- c) restart your laptop before proceeding with installation of a fresh/new copy
- d) temporarily disable the anti-virus software in your laptop as they may be too aggressive in flagging files during the installation.



PROCEDURES

1) Connect the following together:

- a) WiFlash/Legacy Device to the cable
- b) The cable to the USB port on your laptop*
- c) The WiFlash/Legacy Device to the vehicle's OBD2 port
- e) The battery tender to the car's battery (optional)

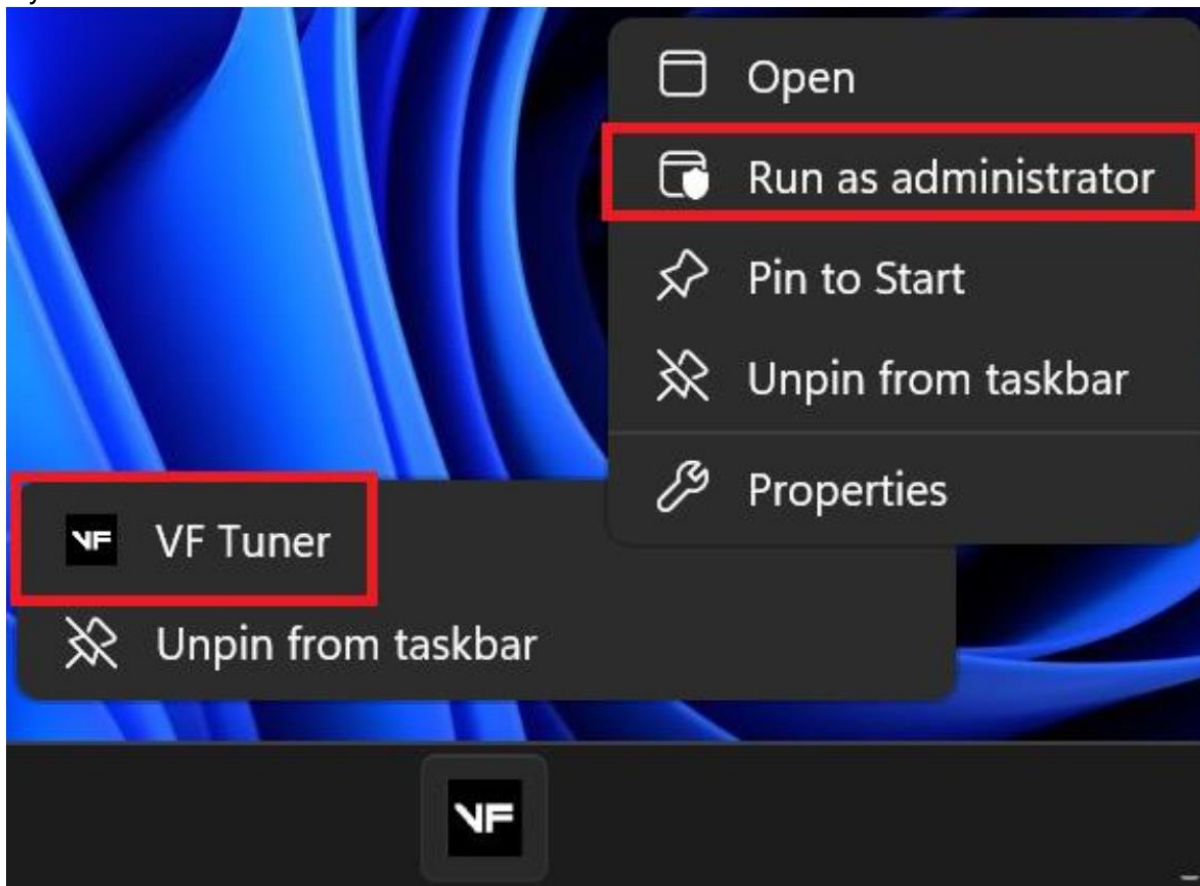
*In Step 1- B), you should see the WiFlash/Legacy Device light up. If none, check your connections carefully, and/or try other USB ports on your laptop

Place your car keys near the start/stop button.

Place the car in Ignition On mode. Two presses of the start/stop button will usually put it on this mode. The electricals will start to work, turn off as much as you can. If you have CAN devices connected, remove them as it may interfere with the writing/flashing process. Engine should NOT be running/idling.

2) Run/Open VF Tuner in ADMINISTRATOR MODE, Right click on the VF Tuner Icon and click on "Run as Administrator".

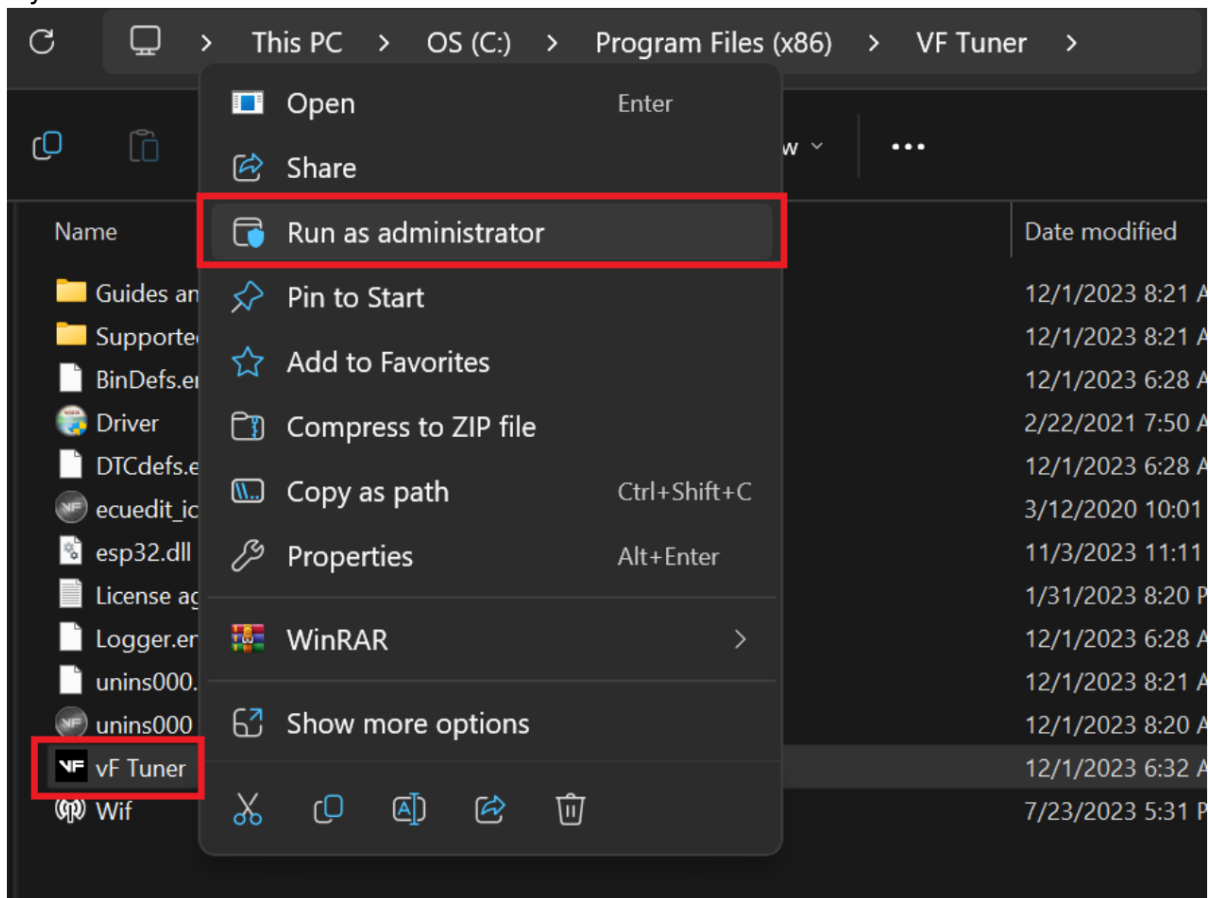
If your VF Tuner is on the taskbar:





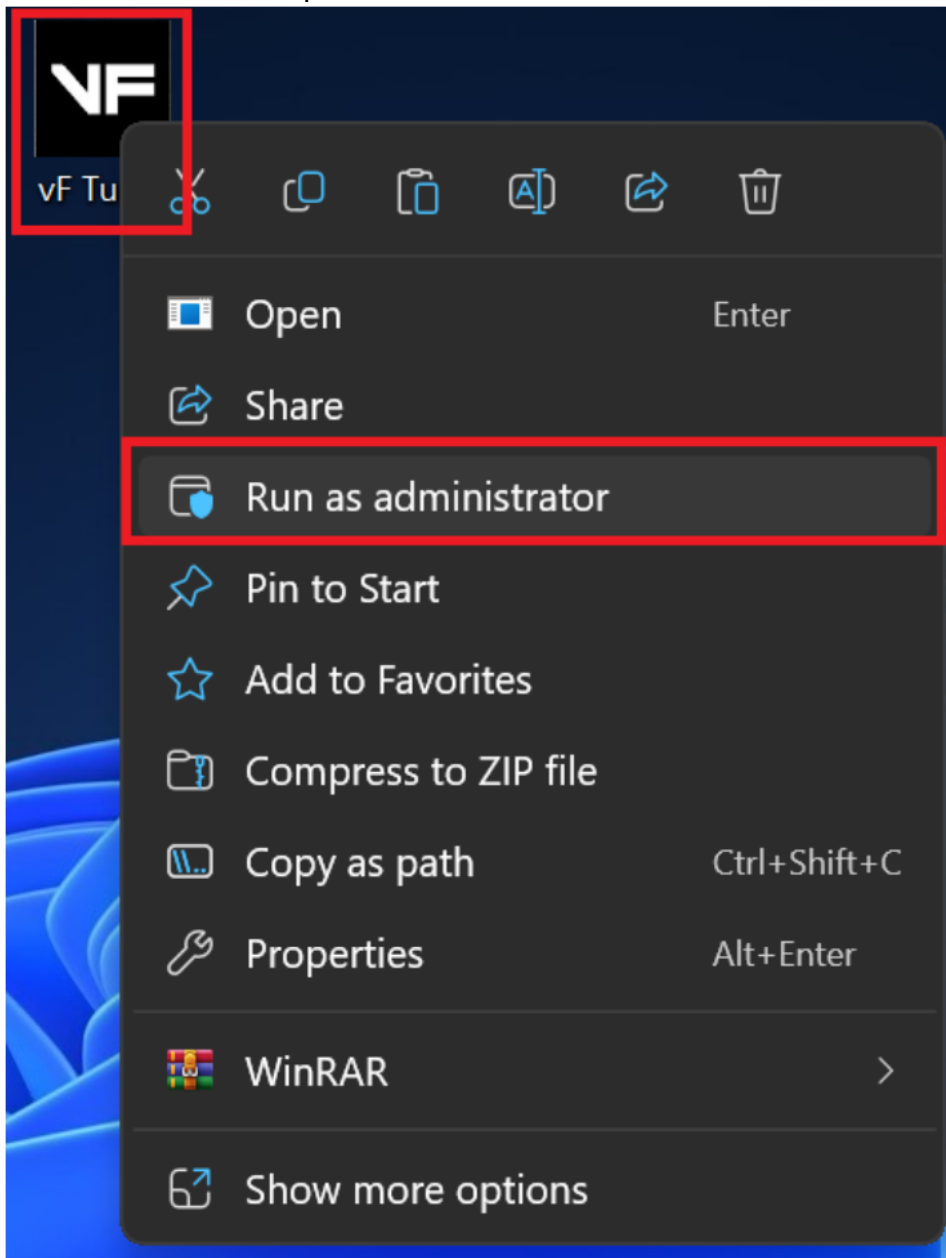
VF TUNER ECU FLASHING

If your VF Tuner is on the installation folder:



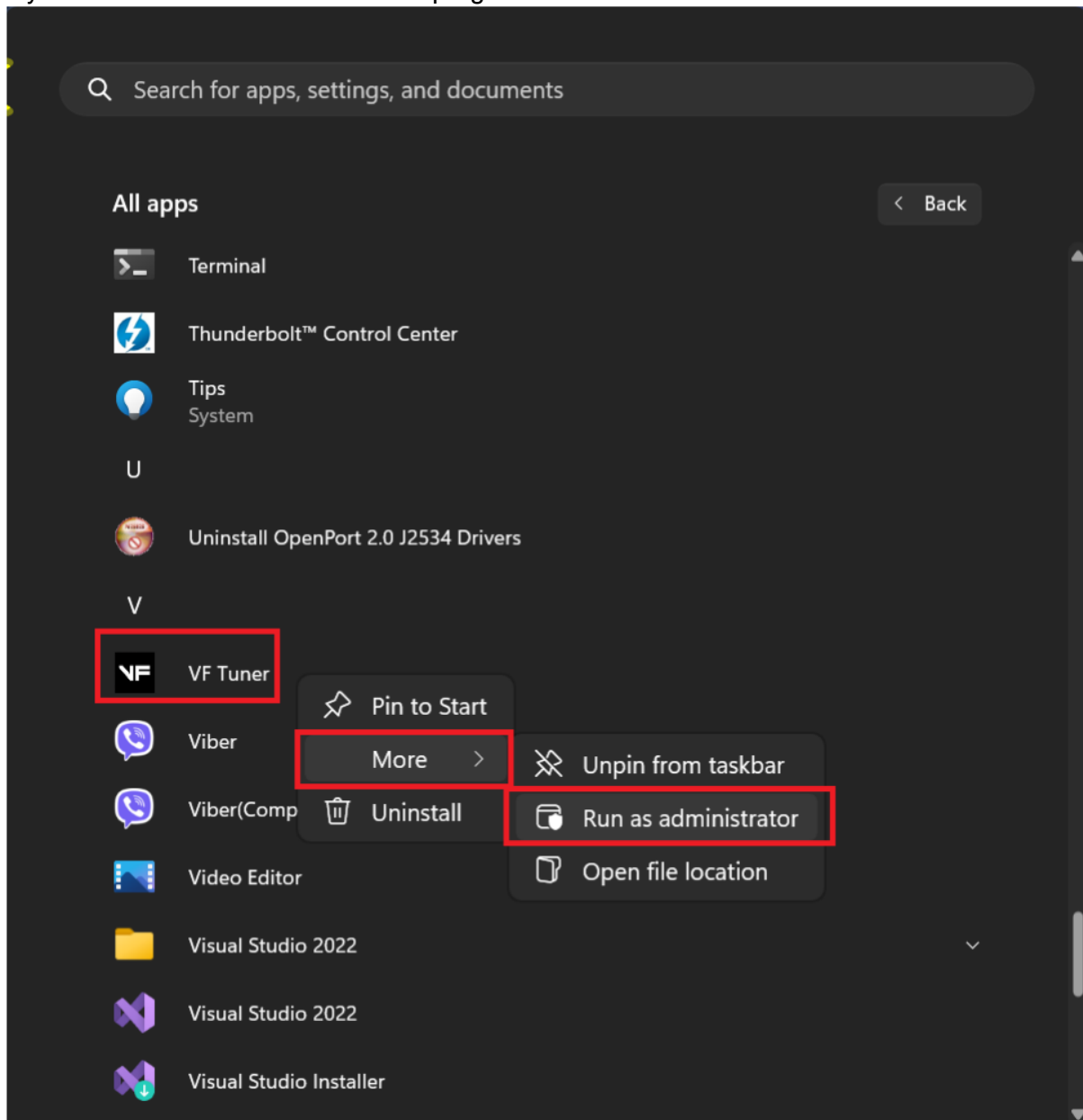


If your VF Tuner is on the desktop:



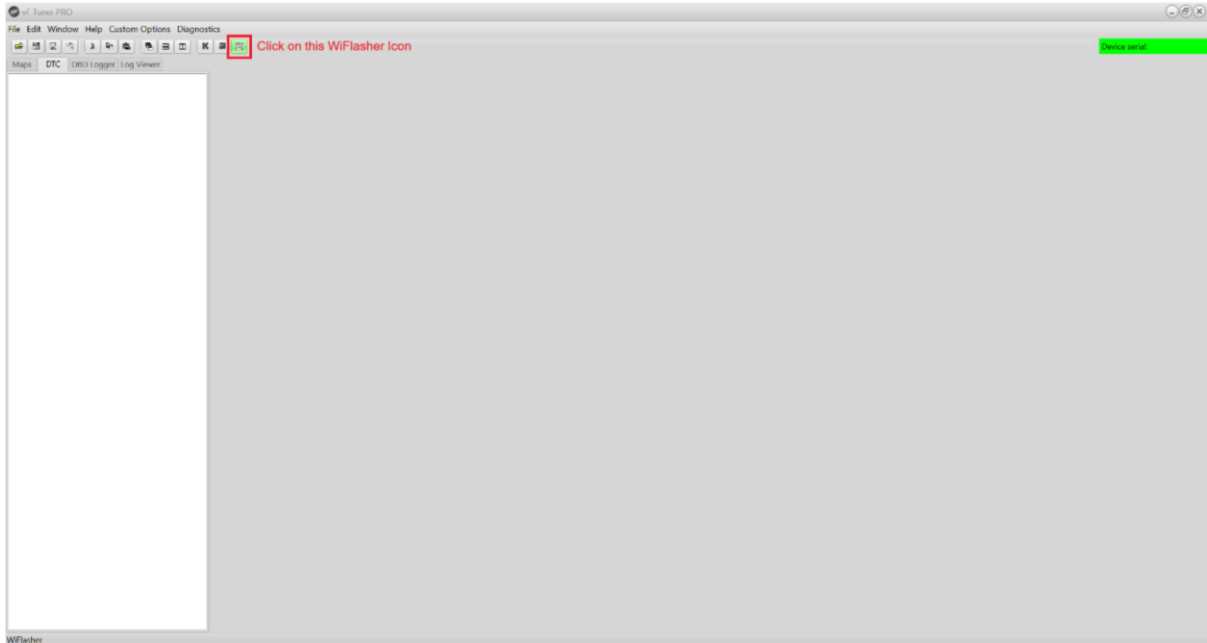


If your VF Tuner is on the star menu programs:





3) Click the WiFlash Icon.





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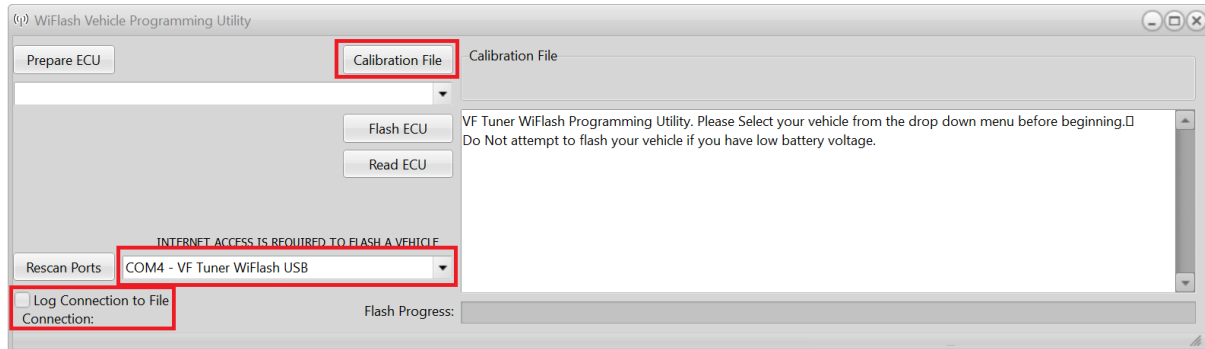
4) The WiFlash Vehicle Programming Utility window will pop up. will open a window that will ask you to save the installer.

Make sure that the “Log Connection to File” is unchecked.

> We may ask you to have it checked for certain scenarios. But for now, leave it unchecked as a default until we advise you to.

Make sure that there is a text on the “Device” dropdown.

> if the dropdown is empty, then the WiFlash cannot be detected



5) Click on the “Calibration File” button and then select the tune file you want to upload/write/flash to the vehicle’s ECU.

6) Selecting the correct template.

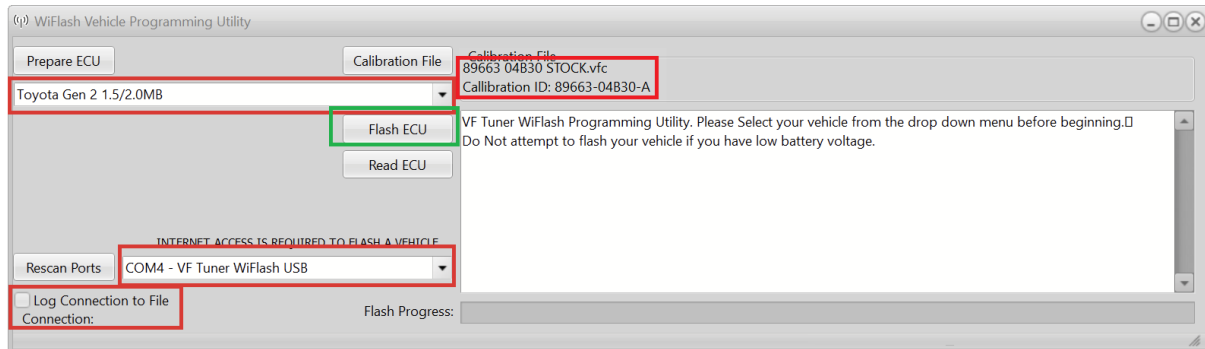
Template	For These Vehicles
Mazda Skyactiv Denso (2014-2018)	2014-2018 Mazda vehicles with Denso ECUs
Mazda Skyactiv Mitsu (2014-2018)	2014-2018 Mazda vehicles with Mitsubishi ECUs
Subaru BRZ GR86 2.4L Gen2	2022+ BRZ FA24 Generation 2 2022+ GR86 FA24 Generation 2
Toyota Gen 3 Yaris 4MB - Dual MCU	Toyota GR Yaris Toyota GR Corolla
Toyota Gen 1 512K/736K/992K	Toyota ECUs with files that are 1MB or smaller (like 992KB, or 736KB, or 496KB)
Toyota Gen 2 1.5/2.0MB	Toyota ECUs with files that are 1.5MB or 2MB
Aston Martin Visteon - 4.3 / 4.7	
Aston Martin Bosch - V12 Dual ECU	
Aston Martin Visteon - V12 Dual ECU	



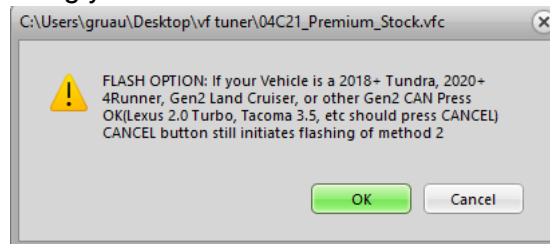
VF TUNER ECU FLASHING

7) Final check of the settings and click the “Flash Button”.

- > Internet connection
- > Car battery
- > Laptop battery
- > Ignition ON
- > Laptop should be secure (We recommend placing the laptop on the driver seat, and you are just hunched over outside of the car. This is to make sure there's absolutely no movement of the USB cable, laptop, etc)



A window might pop up asking you to click “OK” or “Cancel”



Click “OK” if your vehicle is	Click “CANCEL” if your vehicle is
2018+ Tundra	Lexus 2.0 Turbo
2020+ 4Runner	Tacoma 3.5L
LandCruiser Generation 2	

!!!===!!! IF AT ANY POINT IN TIME THE FLASHING FAILS, please redo everything BUT THIS TIME, make sure there is a CHECK to the "Log Connection to File Connection" (this will only function if you run VF Tuner as administrator). Please send us the file that it will create in the VF Tuner Install folder so we can diagnose the error. !!!===!!!

8) Wait for the Flash to Finish and then after, check if you can start the vehicle.