mountune

mTune SMARTflash V2 guide.
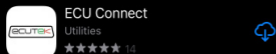

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mTune SMARTflash

9:41

Program vehicle

My files

USER GUIDE
mTune SMARTflash V2.

Having worked together with EcuTek on the original SMARTflash phone flashing system, this new V2 release offers customers a wealth of enhanced features and functionality to enjoy - please follow the revised steps to enjoy your **mountune** calibrations.
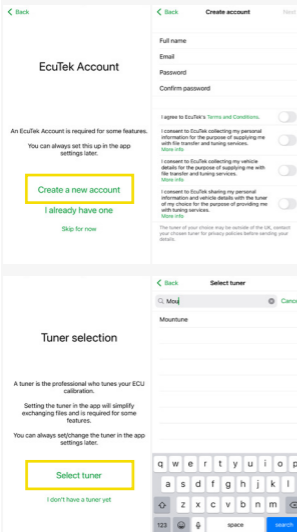
STEP 1

The first step in this process is to download and install the ECU Connect app from either the Apple App Store or Google Play store.

ECU Connect
Utilities
★★★★★ 14

Once downloaded and installed, please run the app.

You'll need to select 'create a new account' and then type and choose 'mountune' when it asks you to select a tuner.

Once you've done this, the mountune SMARTflash V2 will be loaded and the app will re-skin itself accordingly.
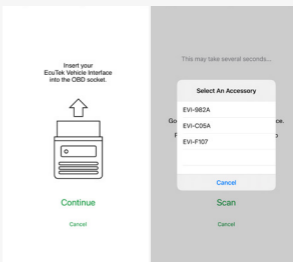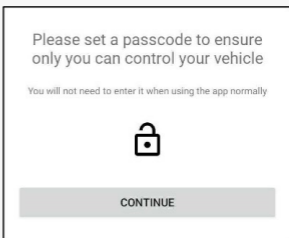

Once you've done this, the mountune SMARTflash V2 interface will be loaded and the app will re-skin itself accordingly.

If you have your mountune OBD Bluetooth vehicle interface already, you can now plug the interface in and pair the interface to your device - see Step 2.

STEP 2

To pair your OBD device with your smartphone, plug in the interface, turn the vehicle ignition on and pair the vehicle interface to your device (using the devices Bluetooth settings menu) to do this open the settings menu and find the EVI-BT, selecting it to pair with the device.

Insert your
EcuTek Vehicle Interface
into the OBD socket.

This may take several seconds...

Select An Accessory

EVI-982A
EVI-C05A
EVI-F107

Cancel

Continue

Scan

Cancel

Cancel

Then in ECU Connect enter a passcode, this will then need to be confirmed and then the vehicle will be detected

Please set a passcode to ensure only you can control your vehicle

You will not need to enter it when using the app normally

CONTINUE

Set passcode

Please enter the desired passcode

○ ○ ○ ○

1	2	3
4	5	6
7	8	9
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STEP 3 - PROGRAMMING YOUR VEHICLE

To program your car for the first time there are a few initialisation and vehicle identification processes required so that mountune can link to your account and vehicle.
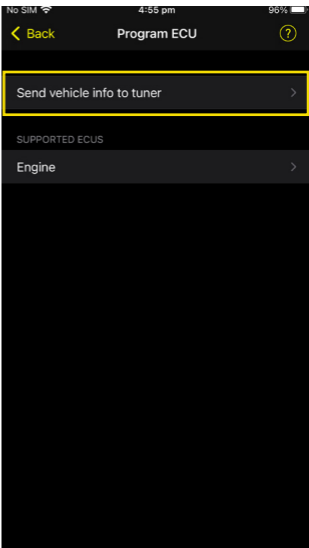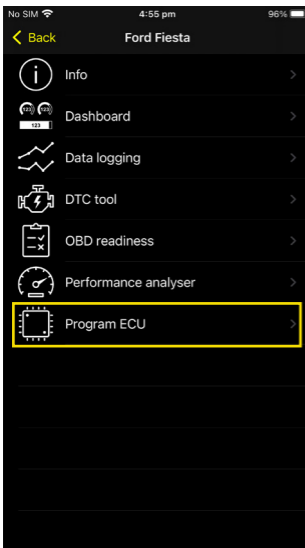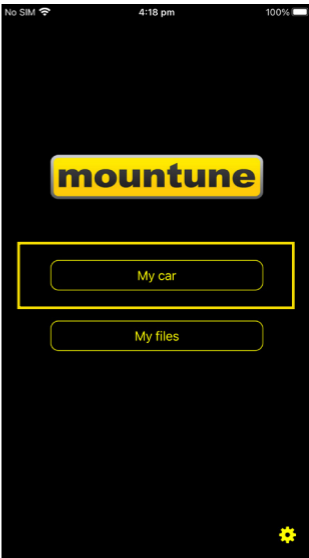
To start the process you should first have completed the ECU Connect After install setup procedure or logged into your account and chosen mountune as your tuner.

If you haven't the options will be offered during this process.

You will also need to have ECU Connect installed and the Bluetooth Vehicle Interface (EVI) plugged into the vehicle OBD port and paired correctly to your device.
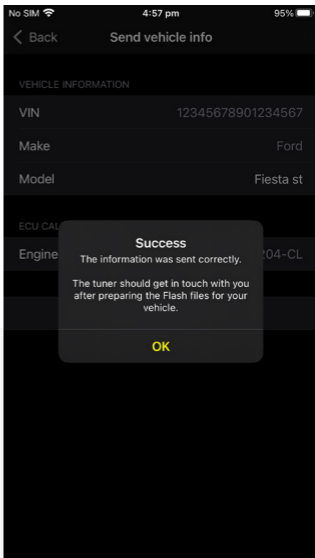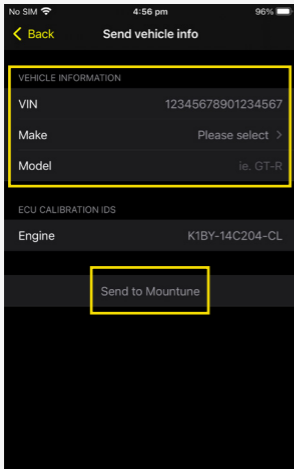
Then open ecu connect (if you have multiple EVI-BT's paired select the correct EVI-BT)

When in the main menu select "Program ECU" then "Send Vehicle Info to Tuner"

mountune

My car

My files

< Back   Ford Fiesta

- Info
- Dashboard
- Data logging
- DTC tool
- OBD readiness
- Performance analyser
- Program ECU

< Back   Program ECU

Send vehicle info to tuner

SUPPORTED ECUS

Engine

STEP 3 - CONTINUED

In the "Send Vehicle info" page fill in the details and press "Send To Tuner"
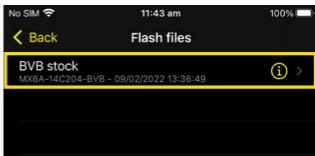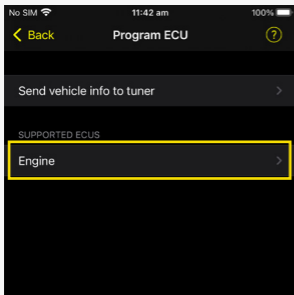

At this point the process will need to wait (you can exit ECU Connect and return to it later) It may take up to 4-hours (during normal office hours) for us to prepare your calibrations, although if this can be processed any quicker, it will be. If your vehicles CAL ID needs to be added for support, the process may take up to 7 days.
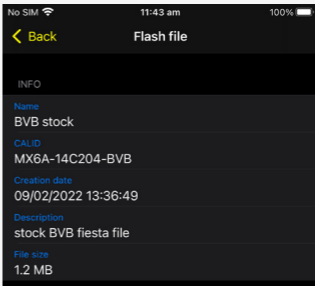
STEP 4

Once your calibration files have been uploaded to the cloud and you are ready to program your vehicle, open the ECU Connect app, plug the OBD interface in and go to "My Car -> Program ECU" and select the ECU you wish to program.

Then choose the calibration file you wish to program and the EVI-BT communication test will be available.
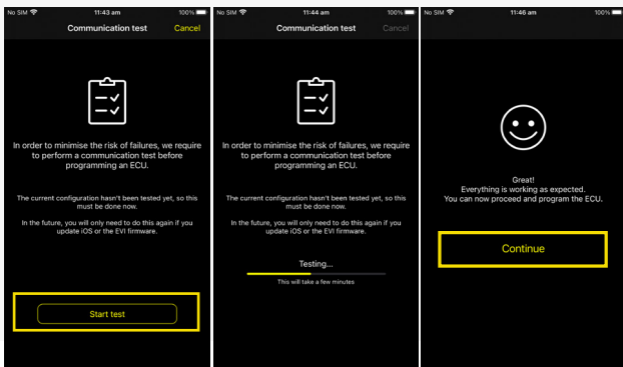

You can view info about the calibration we've sent you by pressing the info button.

STEP 5 - EVI COMMUNICATION TEST

Before you can program the vehicle the first time the Bluetooth communication between the phone and the EVI must be tested.

Once the Communication test is complete you can press the "continue" button to bring up the "PROGRAM ECU" window and commence flashing the vehicle, please make sure the conditions for programming are met before you press the program button.
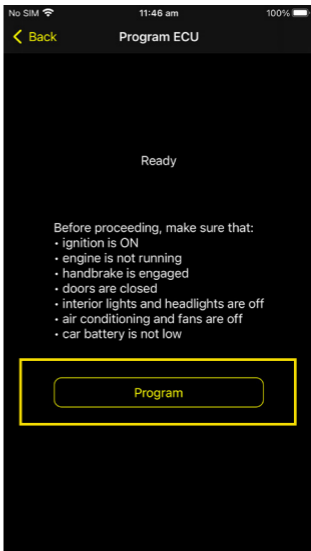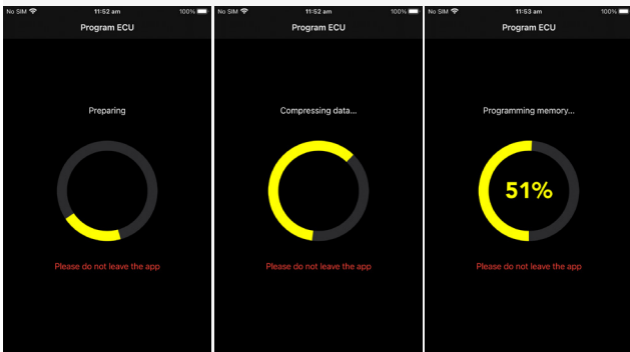

STEP 6 - PROGRAMMING YOUR ECU

Programming the ECU after the COMMs test can now be started, please make sure the conditions for programming are met before you press the program button.

This includes having the car in a safe place, with charged battery (or on a trickle charger) with doors closed and AC/heater fans off.
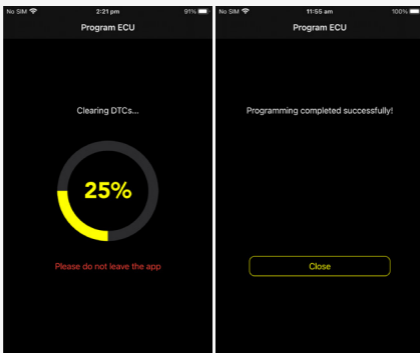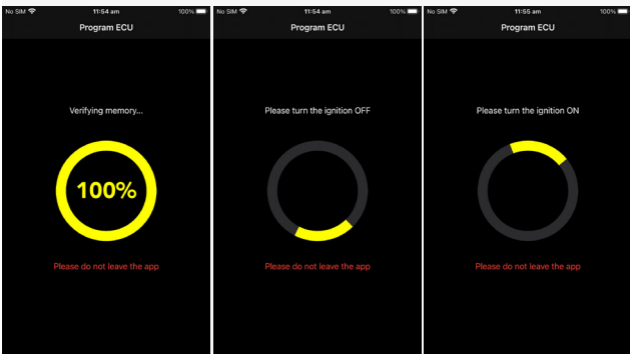
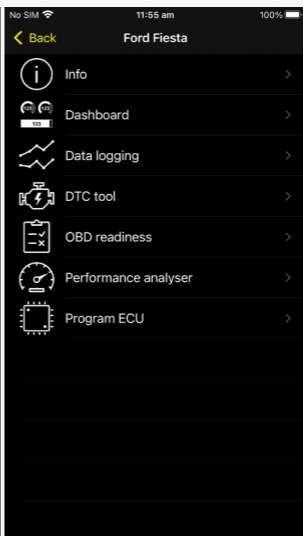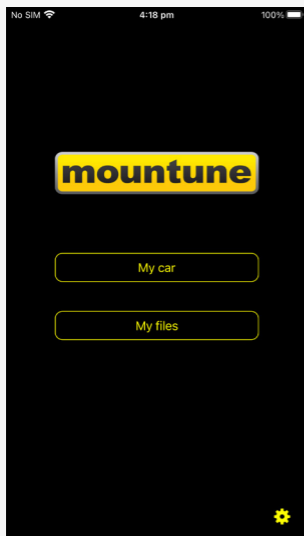To start programming press the Program ECU button

To program the ECU, ECU Connect will prepare the Calibration file, erase the stock Calibration Data and program in the tuned Calibration.

Once programming reaches 100% there is a 'Key Off' then 'Key On' sequence and the DTC's are cleared.
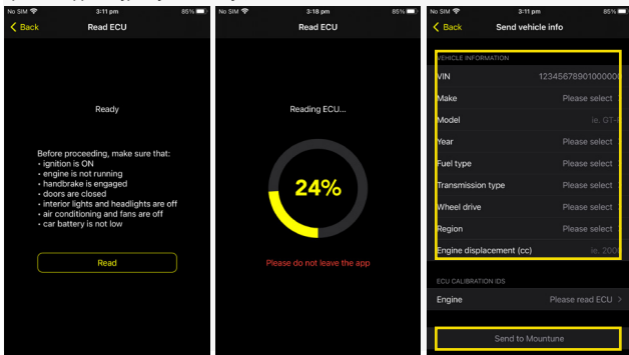
With this stage completed you can select "my car" and enjoy the additional functionality now included in V2, such as Dashboard - which displays your choice of OBD data in gauge form, full data-logging and a performance analyser.

TROUBLESHOOTING - UNSUPPORTED CALIBRATION

If during attempted programming of your vehicle an supported (normally newer calibration release) is detected, you will not be able to start the update of your ECU.

In this instance it will still ask you to read the ECU and Send Vehicle Info', which will submit a selection of data and (where possible), take a read of the calibration found on your vehicle which will allow us to provide support - typically within 7 days, or less.
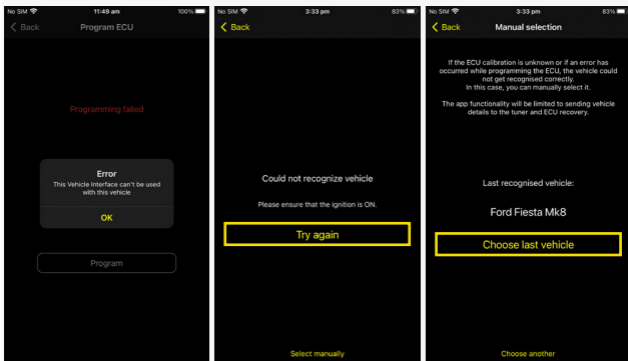

TROUBLESHOOTING - FAILED PROGRAMMING

If for some reason the programming attempt fails, there is a recovery option that can be used within the app.
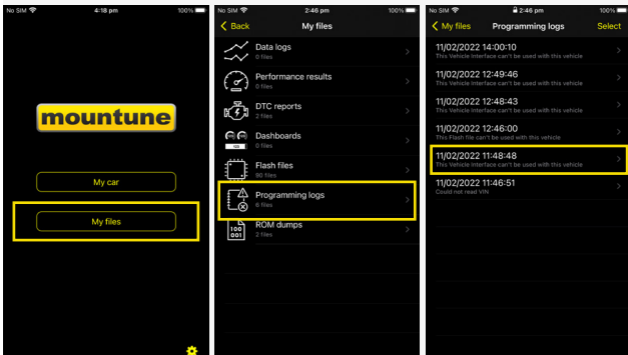
If you know the reason for failure and the app and interface are still powered you may be able to simply press program again. If this option doesn't work or isn't available, exit the app, unplug the EVI-BT and 'key off', then reconnect the EVI-BT again and start the app.

Once the app has been started, press 'My Car' and the option for recovery will show. Select "Recover ECU" and then choose the correct Vehicle, the last programmed vehicle should be correct - if not, manually choose another.
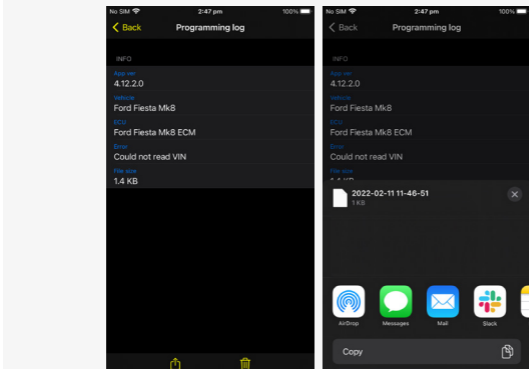

Once you select the correct vehicle type you can choose a Stock Calibration and attempt to program the vehicle again. Once the vehicle is recovered it should all operate normally.

If programming a Calibration is not possible, please contact us at mtune@mountune.com and include the programming log files stores in 'My Files'

You can also read the error message, which will point you at the reason for the programming failure.

HELP/SUPPORT

For any questions or queries regarding the mTune SMARTflash V2 app or flashing process, please email mtune@mountune.com or contact us via the usual channels.

mountune.com
AT THE HIGHEST LEVEL, SINCE 1980

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