EcoFlash

User Manual

V1.0

Http://www.ecotrons.com

Note: If you are not sure about any specific details, please contact us at info@ecotrons.com.

1 Installation of EcoFlash

1.1 Download the EcoFlash Software

1) Download the EcoFlash Reprogramming software from the website:

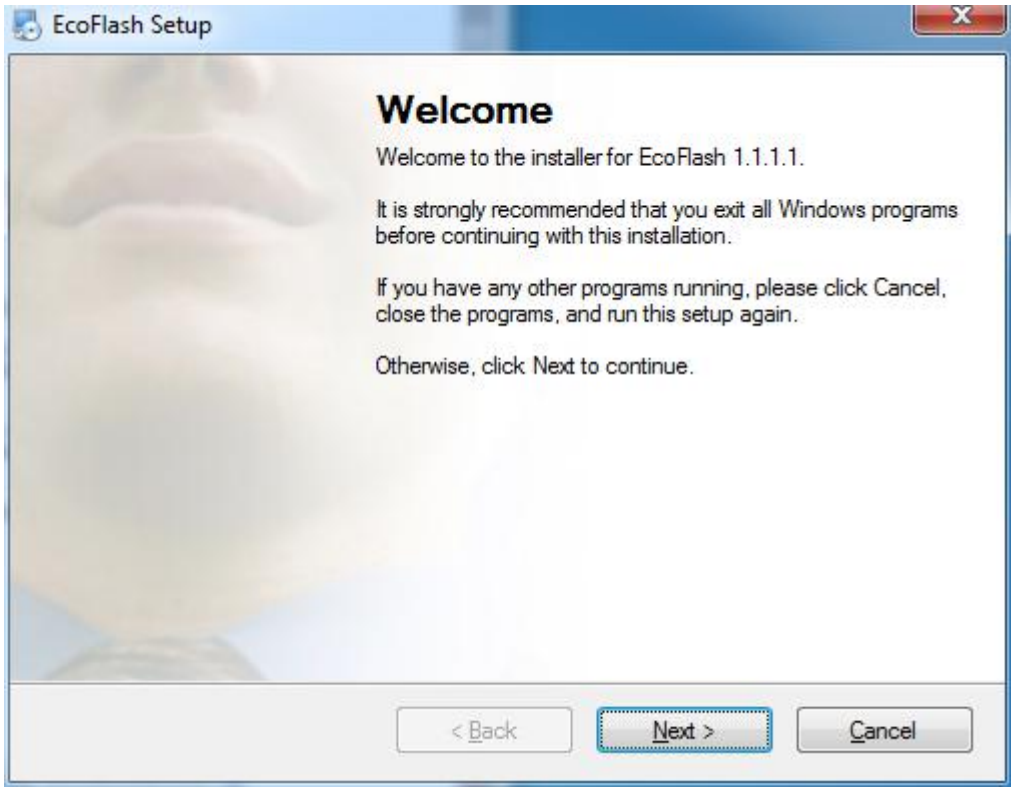
http://www.ecotrons.com/support/

Click the “EcoFlash v1.X”, and then download the software “EcoFlash v1.x-setup.exe”

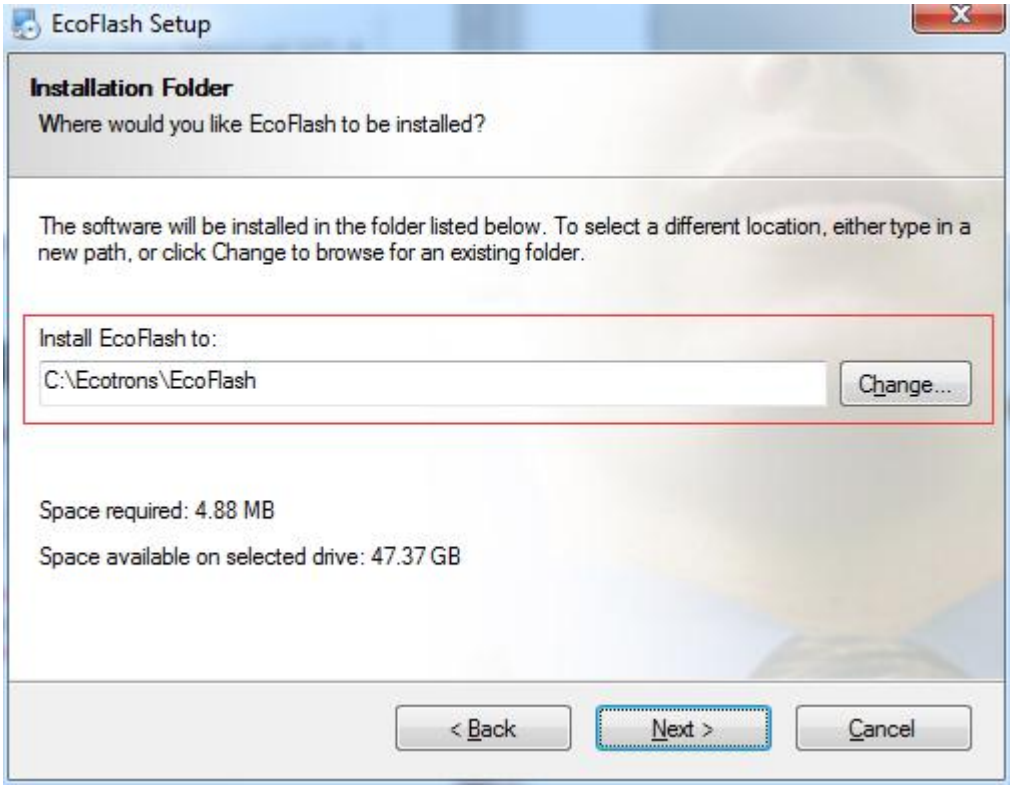
1.2 Install EcoFlash

1) Unzip the file “EcoFlashV1.X.zip” and Double-click the file "EcoFlash v1.X-setup.exe**”** to install the EcoFlash:

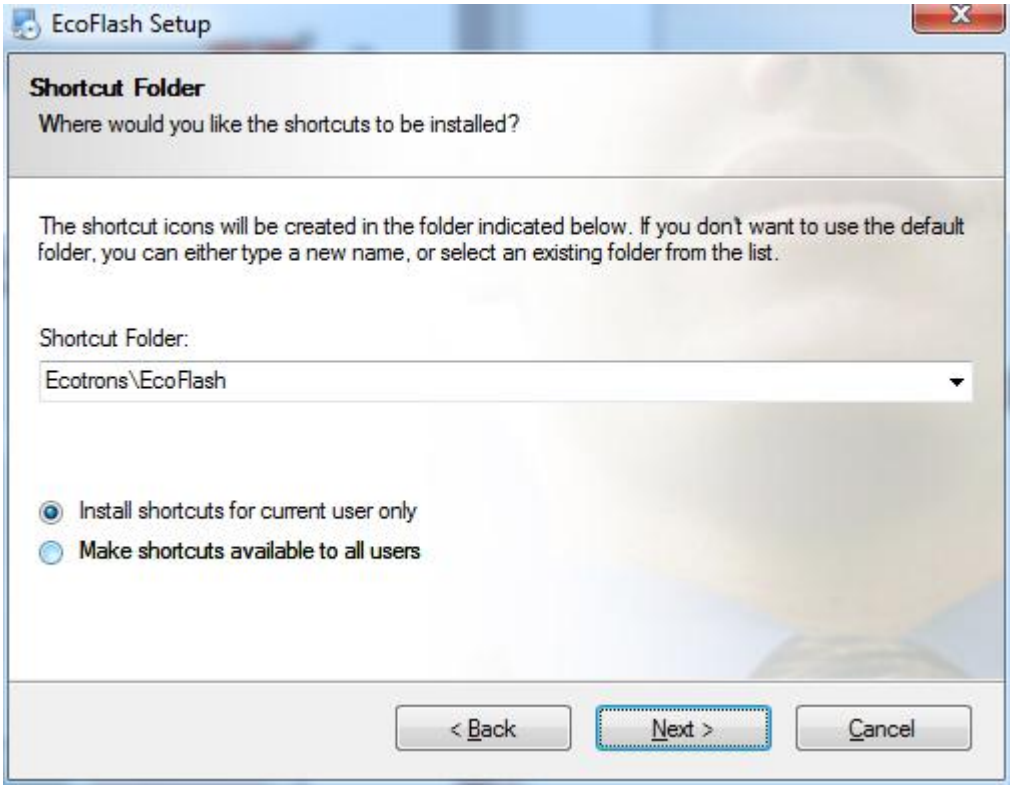
2) Click “Next”



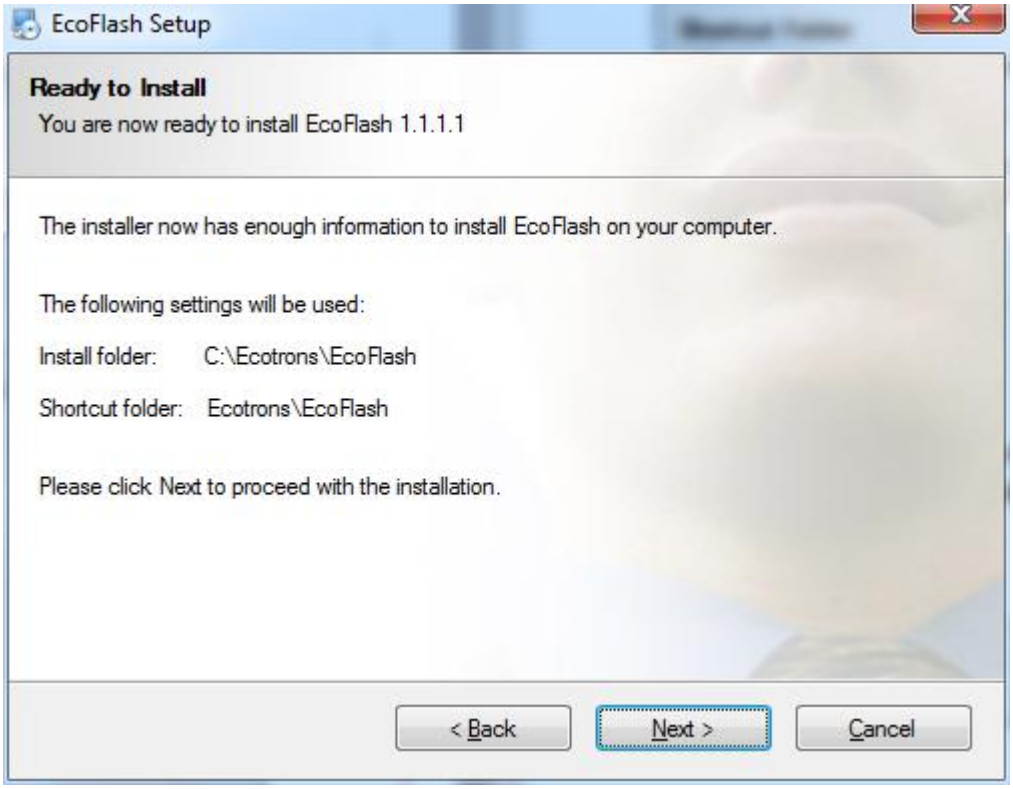
3) Click “Next” and choose the path to install EcoFlash



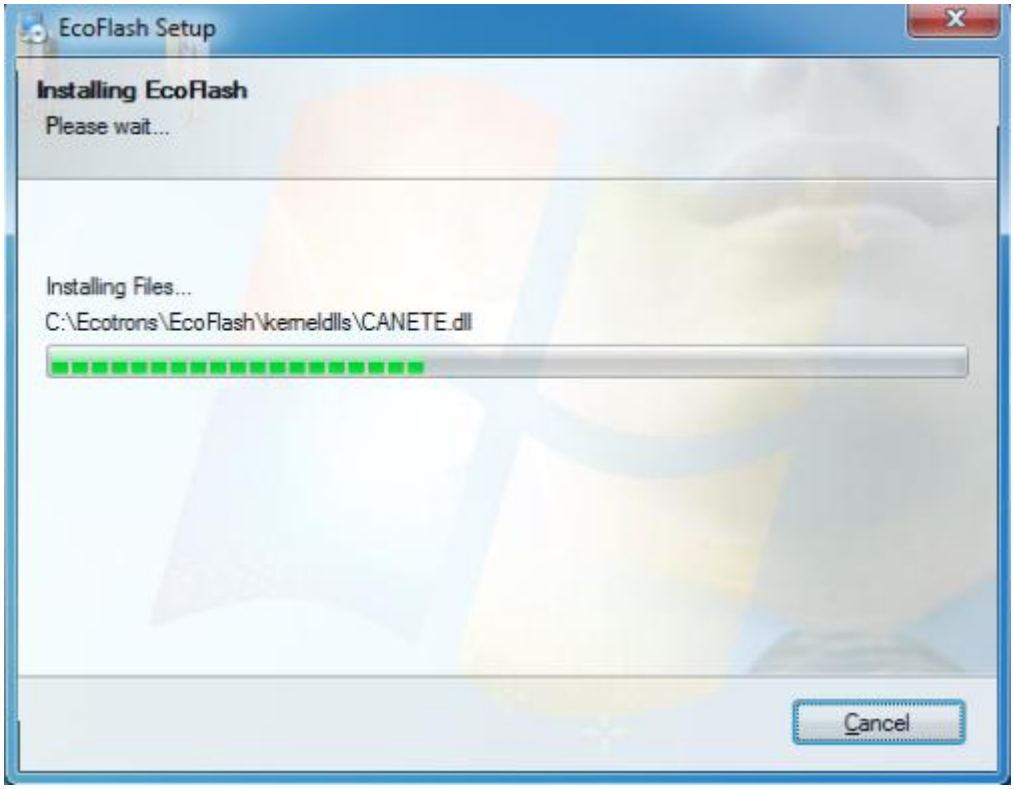
4) Click “Next”



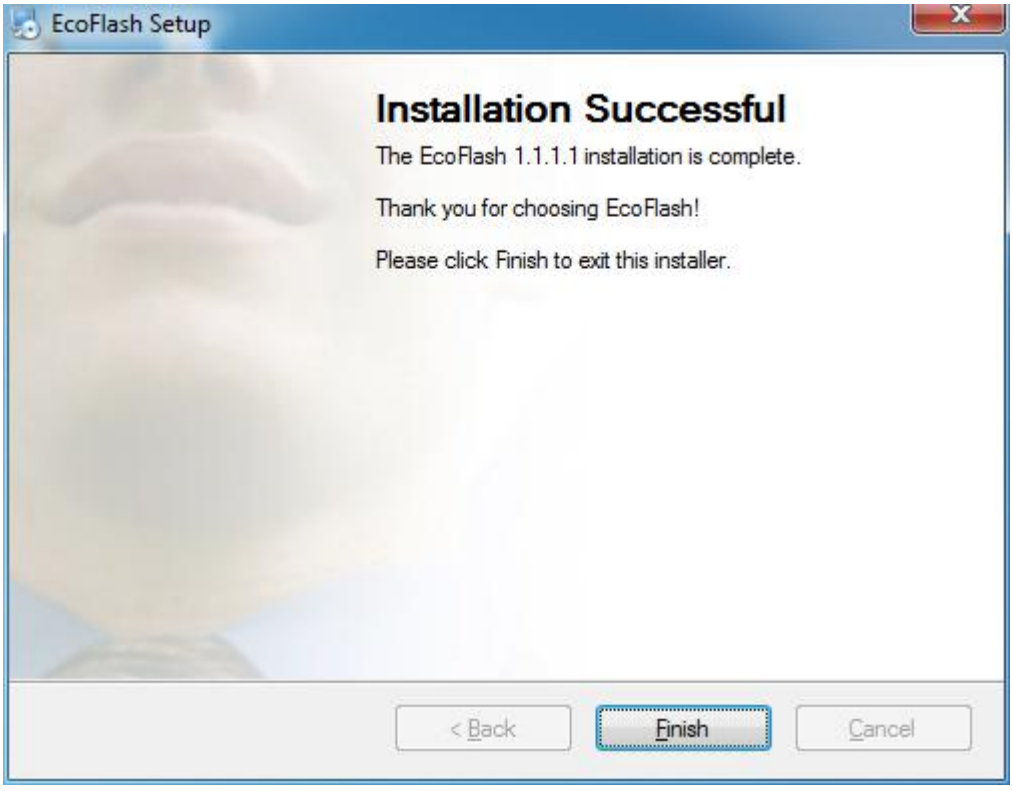
5) Click “Next”



6) Click “Next” and wait for installing



7) Click “Finish”



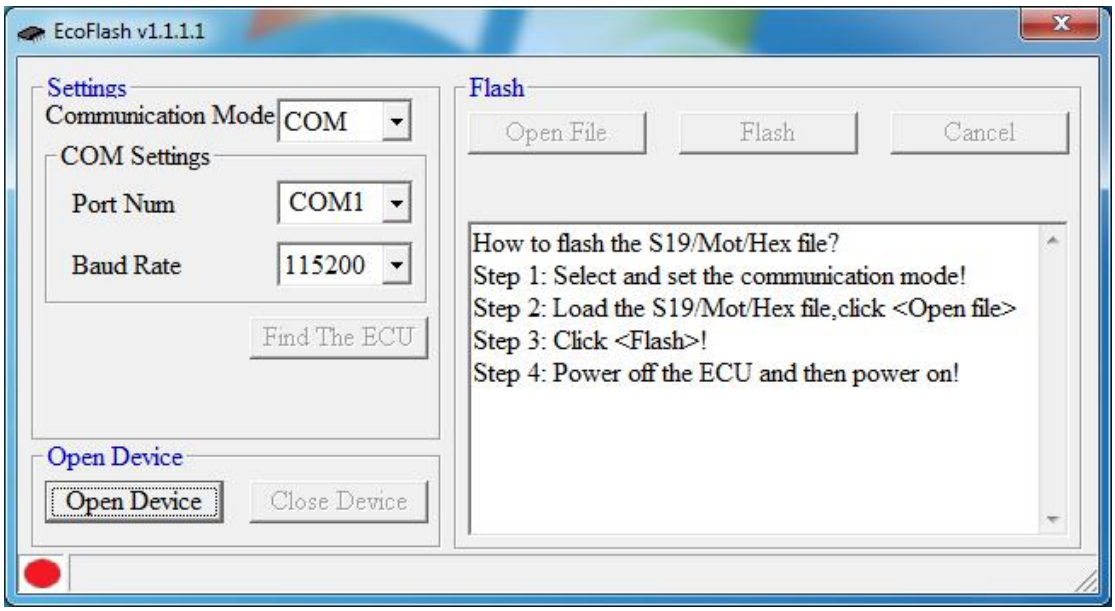
The installation of “EcoFlash” is successful.

2 Program ECU

2.1 Start EcoFlash software

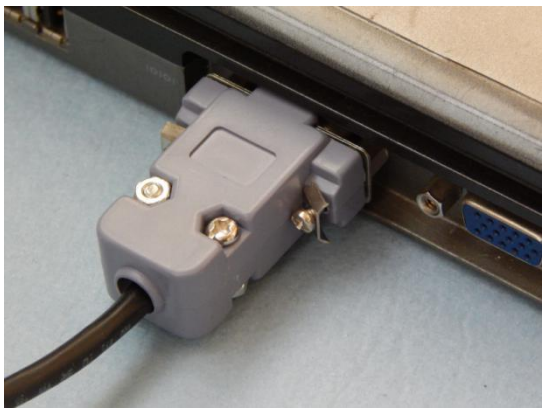
Double-click the ICON "EcoFlash" on the desktop to start the EcoFlash:

It will pop the EcoFlash window:



2.2 Flash “S19” file to ECU

1) Connect your laptop with a USB or RS232 or a CAN device to ECU harness.

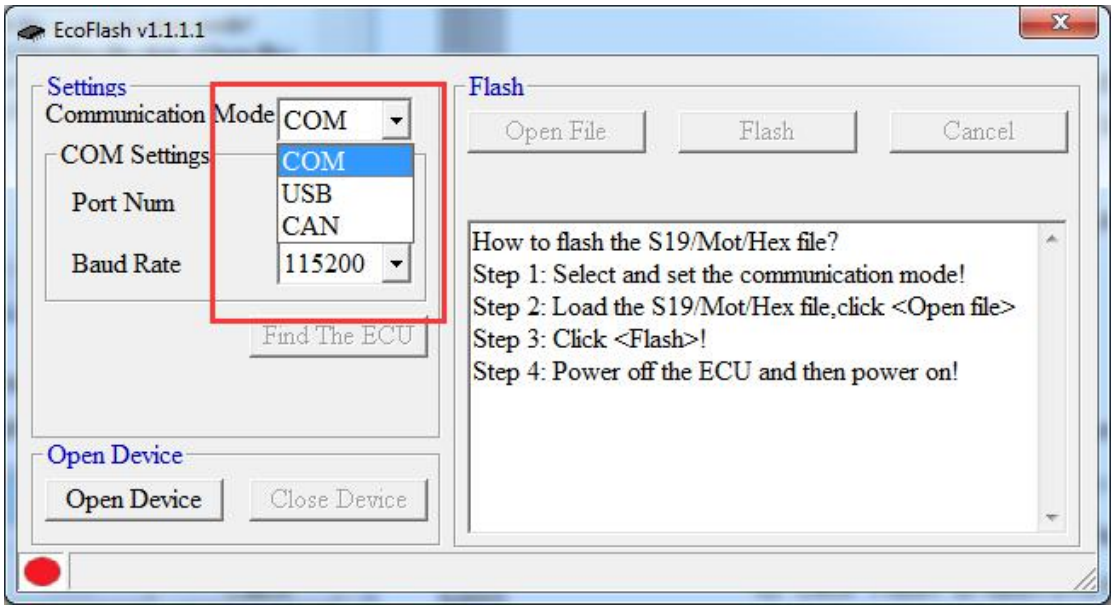


RS232 cable

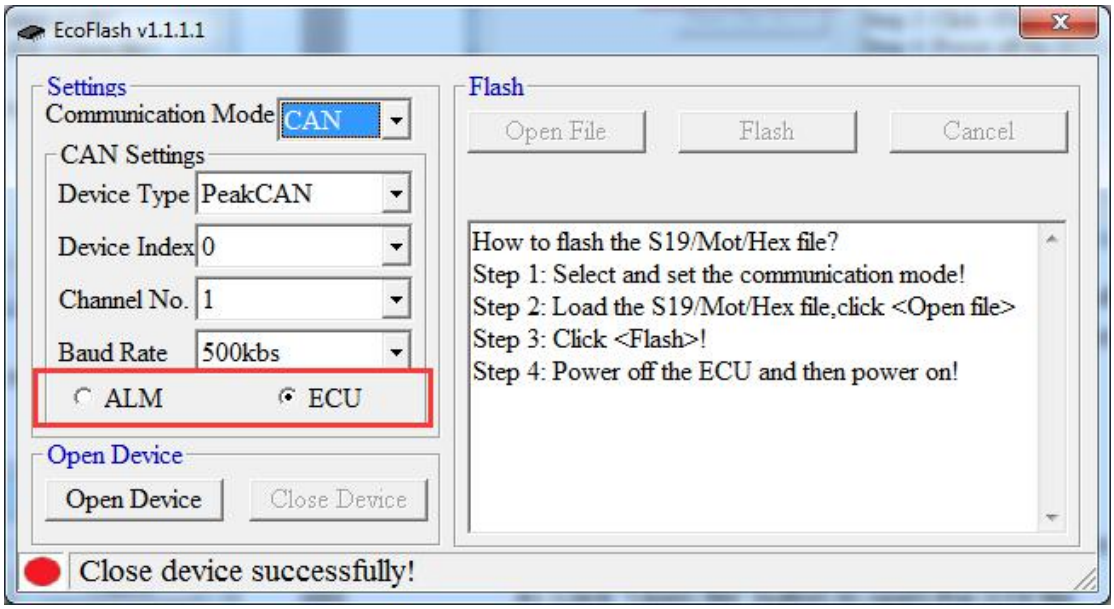
USB adaptor

Note: Make sure the connection between laptop and USB adaptor (Serial communication cable) is **FULLY** plugged in.

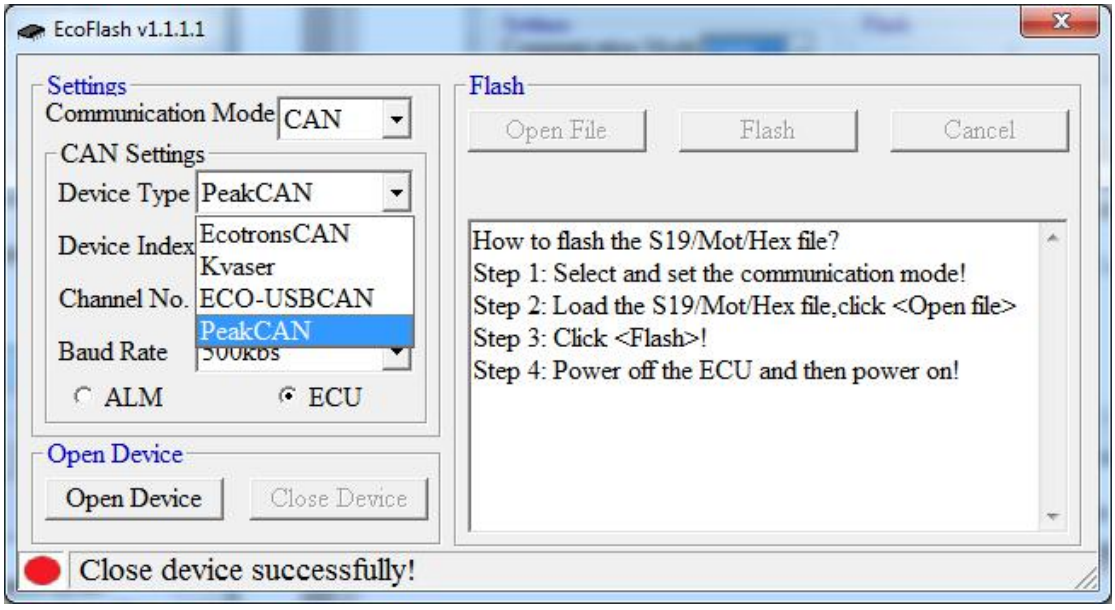
2) Select USB or COM or CAN.



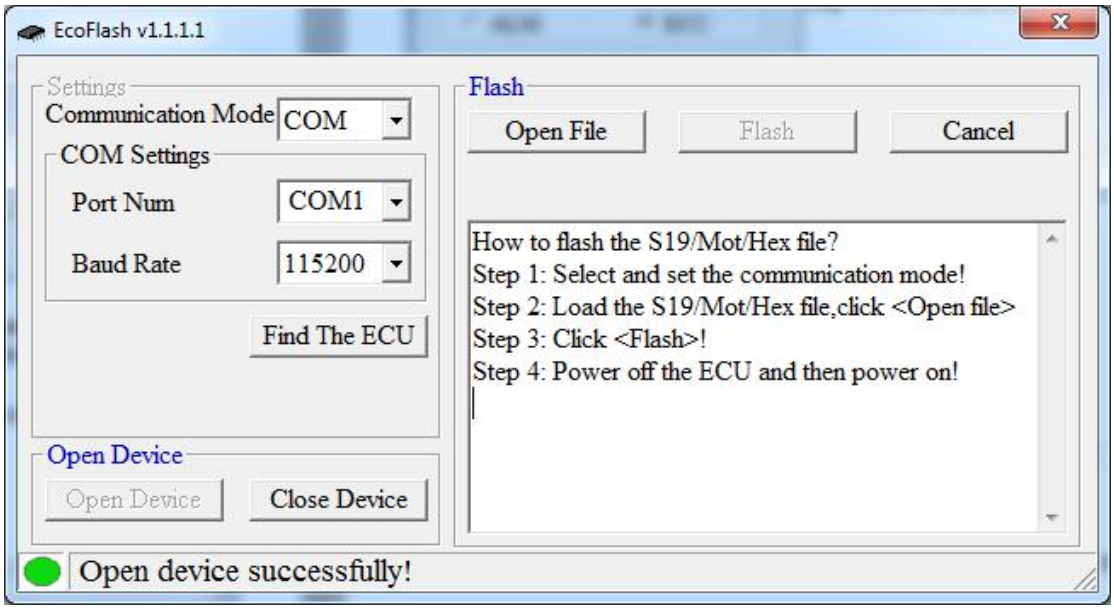
If you select use CAN device to flash, the default selection is matched to flash to ECU. Please choose the “ALM” manually if you flash to ALM.



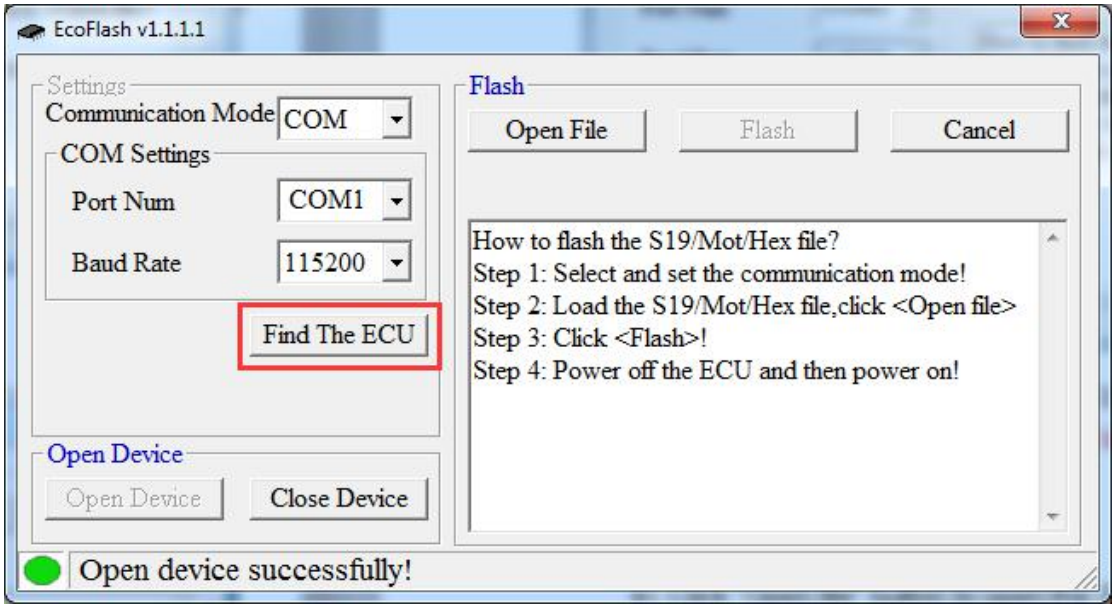
Select the device you are using. There are four options:EcotronsCAN, Kvaser,ECO-USBCAN and PeakCAN.



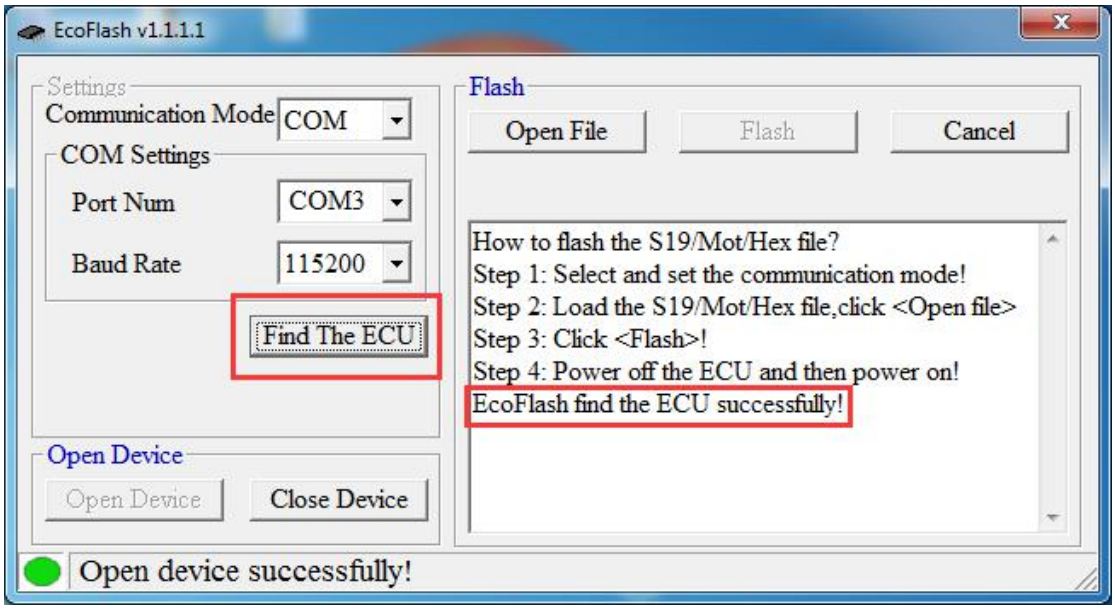
3) Click ”Open Device” button to open the device.



Note: ①You can click "Find the ECU" to check whether the "USB" or "RS232" is available. (**Make sure the ECU is powered ON**)



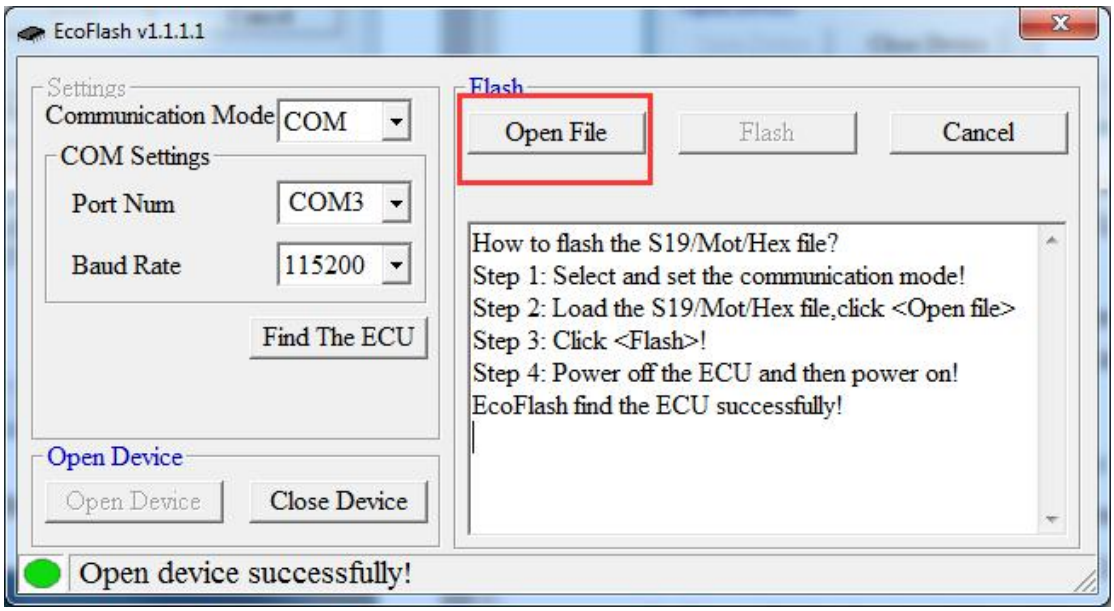
Power on ECU (**Key ON**) first, then click "Find the ECU":



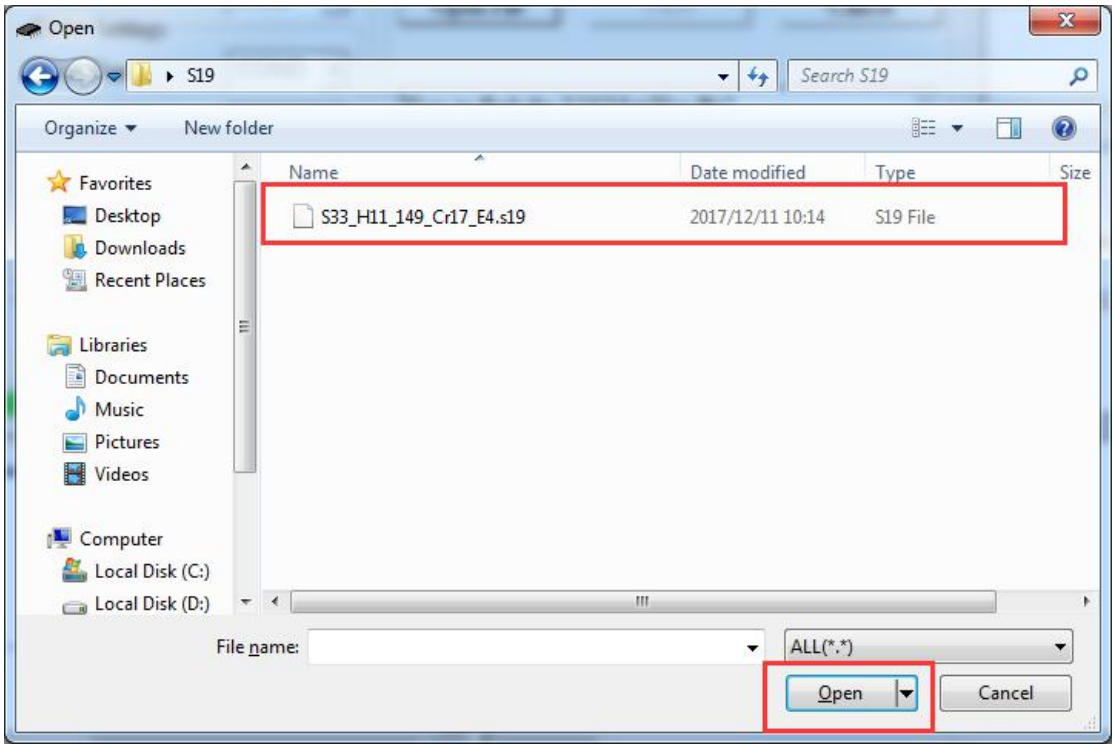
If the USB or RS232 is connected well, it will find the ECU and it will prompt information “EcoFlash find the ECU successfully!”, then you can do the below steps to flash S19 to ECU.

Otherwise, you need check the connection or whether other programs have taken up the Serial communication cable.

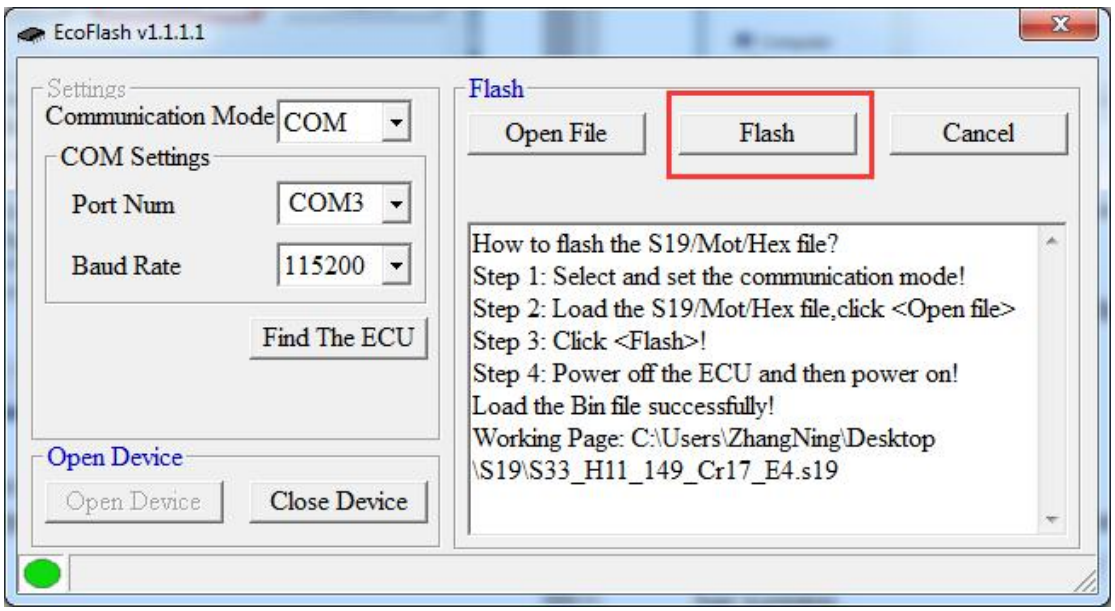
4) Click “Open file” button to open the S19 file.



5) Find the “S19” / ”Mot” / ”Hex” file,and then click “Open”.



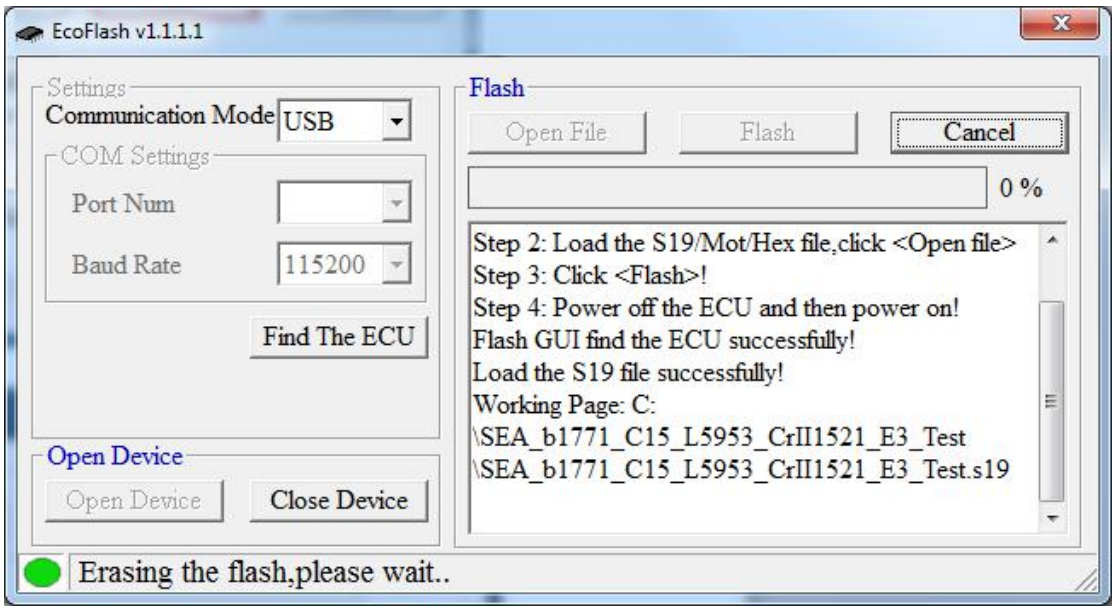
6) Click “Flash” to flash S19 file to ECU.

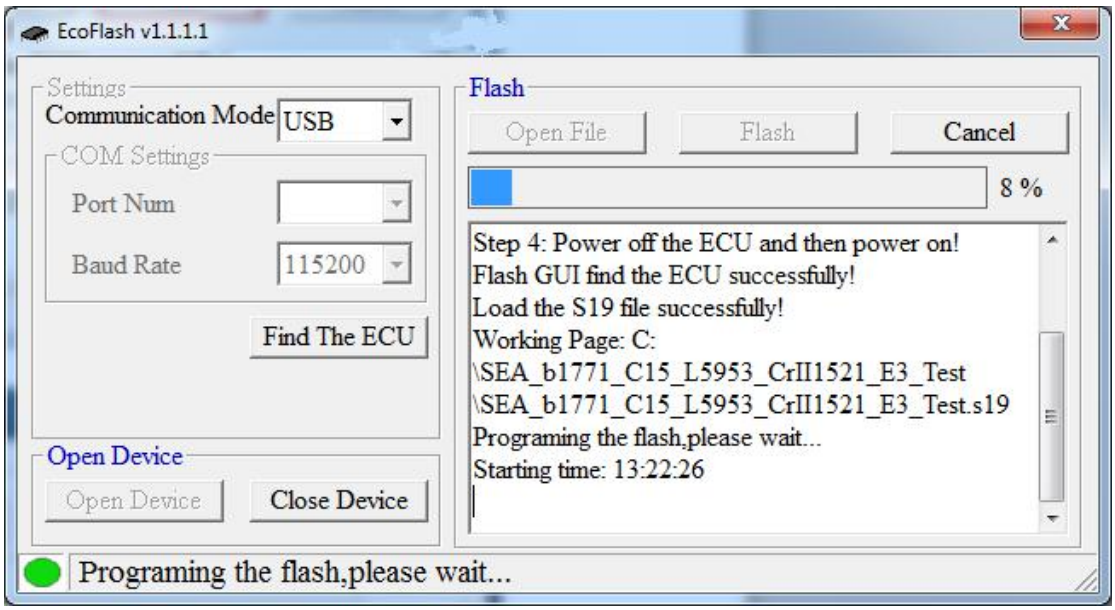


7) Turn off the key switch,and then turn on the key switch to power

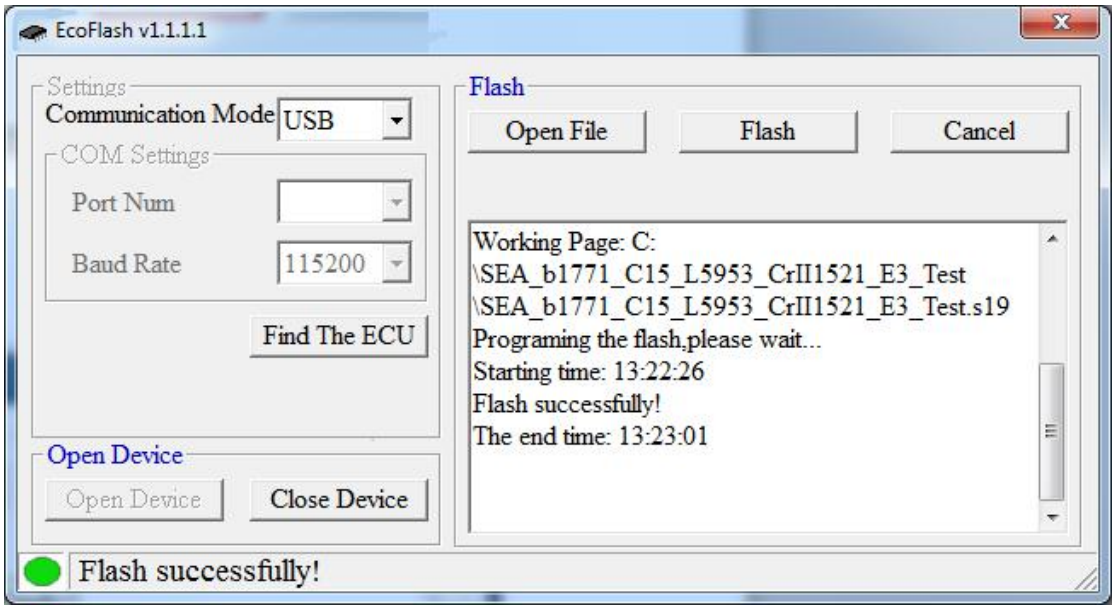
ECU.you will see the “Erasing the flash,please wait.” start to work and the blue progressing bar running...

Wait it to finish.

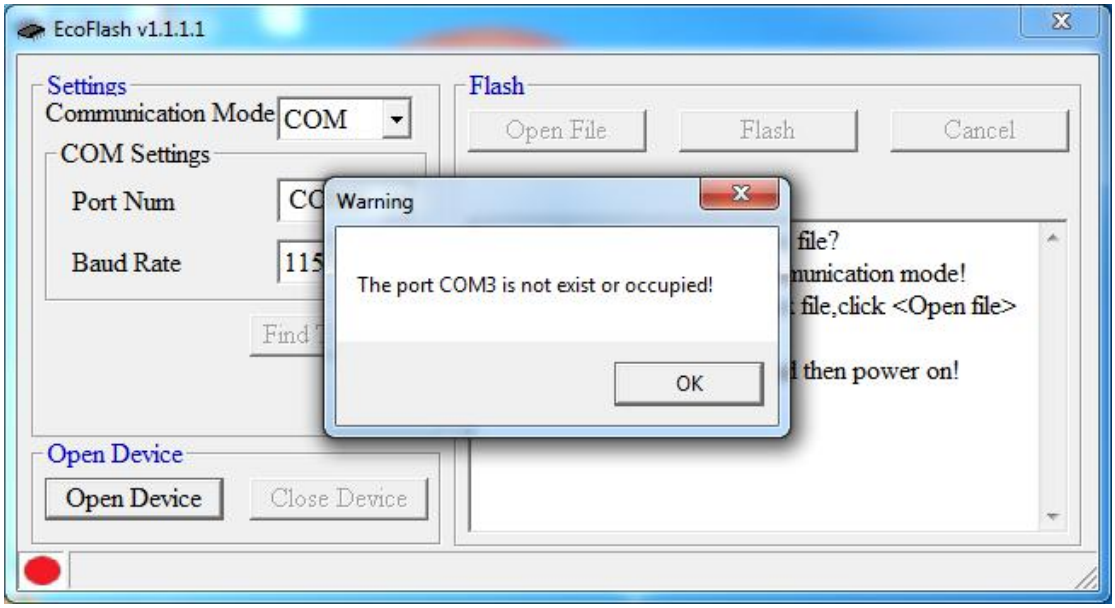




When it Flash successfully, it will prompt information "Flash successfully!" and you will hear the fuel pump running for a few seconds.



Note: If you select COM, please make sure the serial port is not occupied in other settings. If COM is occupied, it will pop up a window.



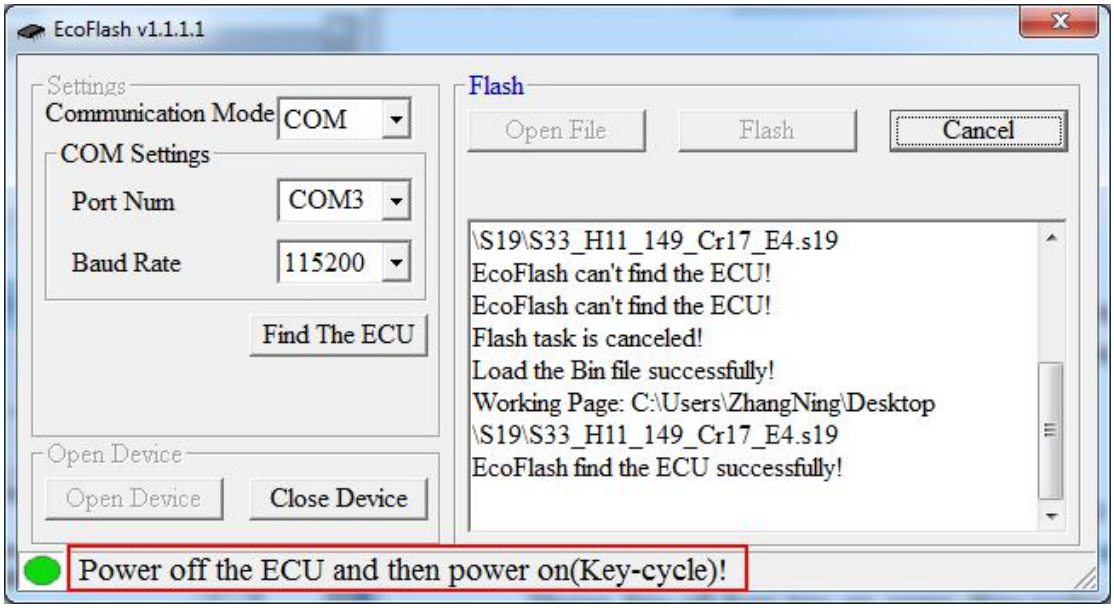
You need to check whether other programs have taken up com port.

Note:

If the ECU has been powered on, when click the “Flash” button, it will

report a message"**Power off the ECU and then power on (Key-cycle)**".

Please Key off then key on again (Key-cycle). And do the same above operation steps.



2.3 Flash "S19" file to ALM

For ALM, the operation is the same as ECU, expect the following precautions:

- ALM bootloader only runs at 500K Baud rate.
- It is better to disconnect the O2 sensor during flashing, and it is better to keep the ALM power off at the beginning, and after you clicked the "Flash" button then power it on.
- Try to "Close Device" and then "Open Device" if the connection has problem.