Upload and Download ECU files
by Anonymous 09-10-2016

Take a backup copy of ECU ..

Here is how to do >

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  ** Connect to truck with adapter and make sure you can communicate with truck. Make sure to do dpf maintenance reset and erase all codes possible with Insite and stuff first. If you don do this then codes will get trapped into you backup and every time you restore backup codes will come back. Close Insite when done.

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  ** Ignition switch for truck in ON position and truck not running.

  ** Open Calterm and cancel anything that it wants to do on startup. You should be at blank window.
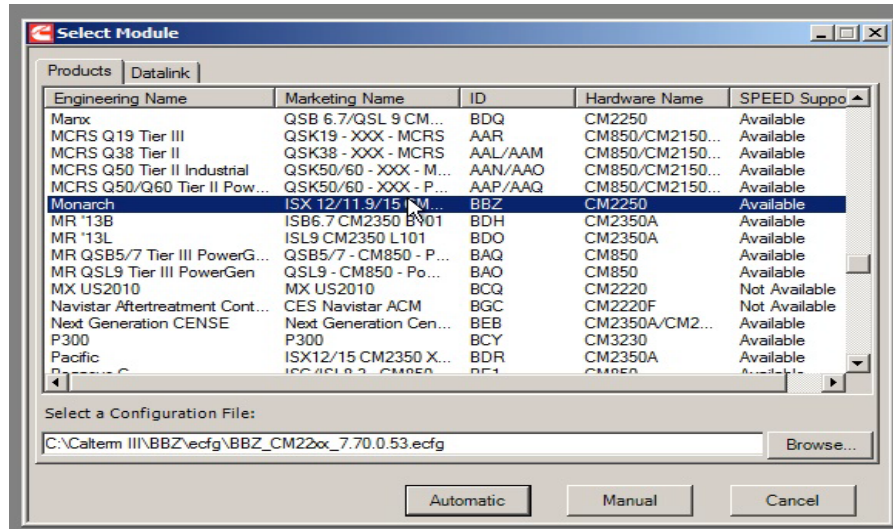
  ** Select Open Module from main menu …
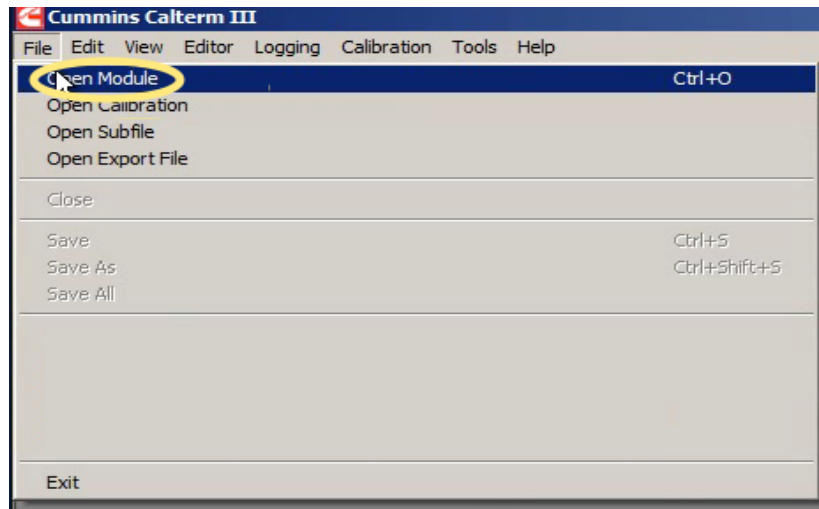
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**** Now choose what module. It is asking for what kind of engine ECU!. Choose what kind FIRST!.**
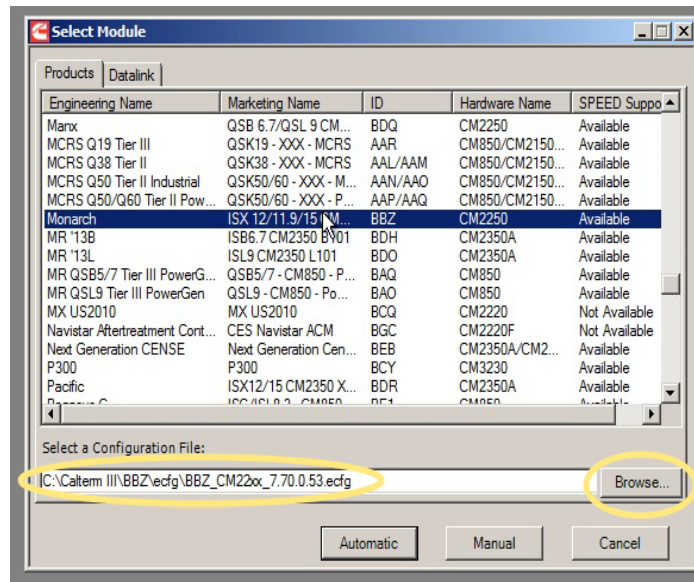
        For 871 engine Choose "Eagle Red" from the list.
        For 2250 engine Choose "Monarch" from the list.
        For 2350 engine Choose "Pacific" from the list.
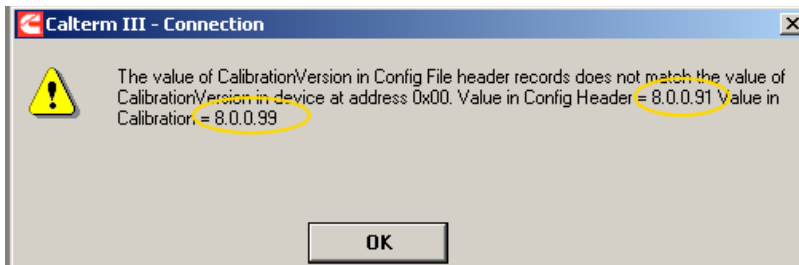

(Shown for 2250 in picture above)

**** choose the right meta-file for your ecu. 871 is a BAC file, 2250 is a BBZ file, and 2350 is a BDR file. Without meta-file for right ECU you will get no where. These ECU files are not coming with calterm. They are seperate so you must get these from someone. Some are hard to come by for new engines.**

Select Module

Products | Datalink

Engineering Name	Marketing Name	ID	Hardware Name	SPEED Suppo
Marx	QSB 6.7/QSL 9 CM...	BDQ	CM2250	Available
MCRS Q19 Tier III	QSK19 - XXX - MCRS	AAR	CM850/CM2150...	Available
MCRS Q38 Tier II	QSK38 - XXX - MCRS	AAL/AAM	CM850/CM2150...	Available
MCRS Q50 Tier II Industrial	QSK50/60 - XXX - M...	AAN/AAO	CM850/CM2150...	Available
MCRS Q50/Q60 Tier II Pow...	QSK50/60 - XXX - P...	AAP/AAQ	CM850/CM2150...	Available
Monarch	ISX 12/11.9/15 CM...	BBZ	CM2250	Available
MR '13B	ISB6.7 CM2350 B101	BDH	CM2350A	Available
MR '13L	ISL9 CM2350 L101	BDO	CM2350A	Available
MR QSB5/7 Tier III PowerG...	QSB5/7 - CM850 - P...	BAQ	CM850	Available
MR QSL9 Tier III PowerGen	QSL9 - CM850 - Po...	BAO	CM850	Available
MX US2010	MX US2010	BCQ	CM2220	Not Available
Navistar Aftertreatment Cont...	CES Navistar ACM	BGC	CM2220F	Not Available
Next Generation CENSE	Next Generation Cen...	BEB	CM2350A/CM2...	Available
P300	P300	BCY	CM3230	Available
Pacific	ISX12/15 CM2350 X...	BDR	CM2350A	Available
Pegasus G	ISC/ISL8.3 - CM850	BE1	CM850	Available

Select a Configuration File:

C:\Calterm III\BBZ\ecfg\BBZ_CM22xx_7.70.0.53.ecfg   Browse...

Automatic | Manual | Cancel

** choose "Automatic" button when you have it right..

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If you get THIS warning telling you that your Calibration Version does not match!!!...

Calterm III - Connection

The value of CalibrationVersion in Config File header records does not match the value of CalibrationVersion in device at address 0x00. Value in Config Header = 8.0.0.91 Value in Calibration = 8.0.0.99
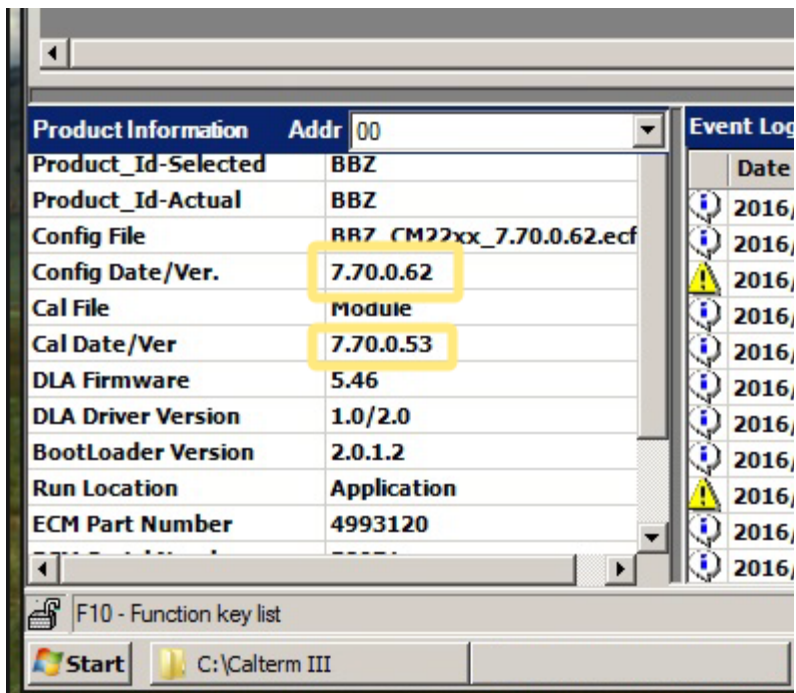
OK

** For upload and Download ONLY this is OK! Just choose OK button. > You only need correct file of you make edit yourself. The circled numbers are telling you difference for to what file you have and what file it requires.

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**** Your window should look something like this.**
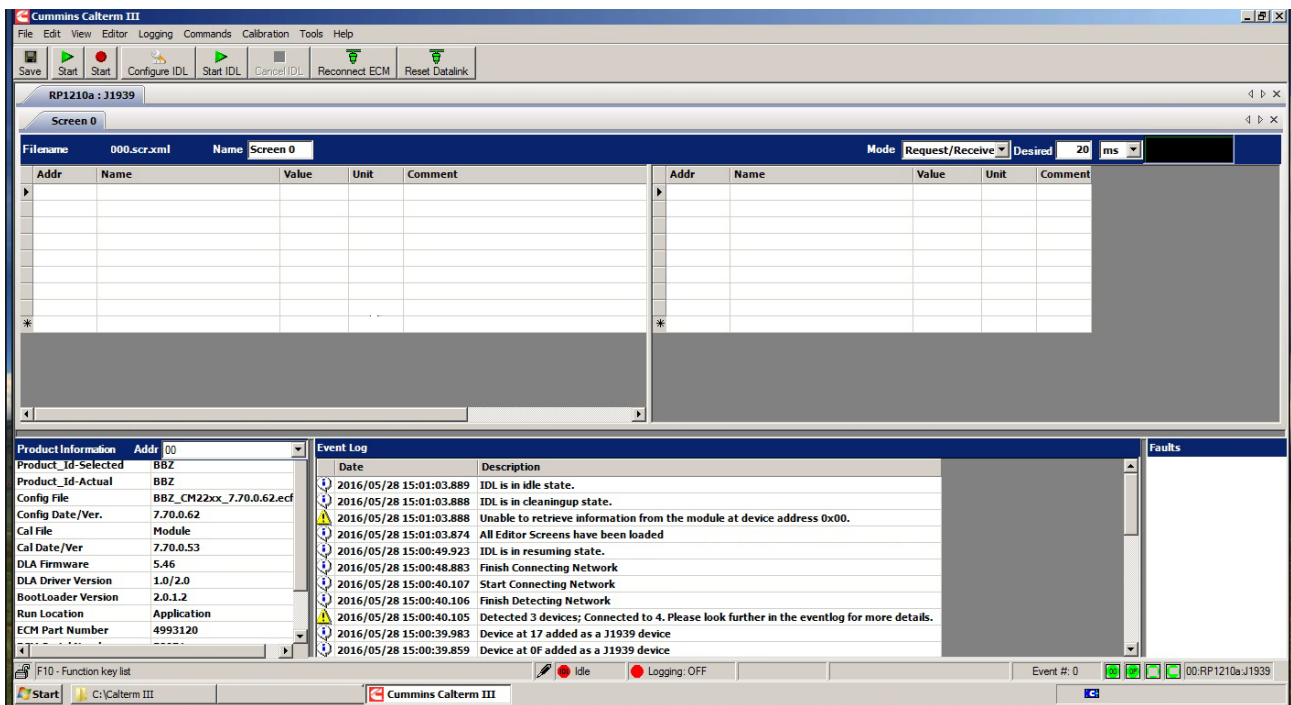
You can look at bottom left of window if you like to see if there is difference. "Config Dare/ver." is the file you are using. The "Cal Date/ver." Is file you need if you want to edit later on. This is no big deal if you are only upload or download file.

Product Information	Addr	00	▼
Product_Id-Selected	BBZ		
Product_Id-Actual	BBZ		
Config File	BBZ_CM22xx_7.70.0.62.ecf		
Config Date/Ver.	7.70.0.62		
Cal File	Module		
Cal Date/Ver	7.70.0.53		
DLA Firmware	5.46		
DLA Driver Version	1.0/2.0		
BootLoader Version	2.0.1.2		
Run Location	Application		
ECM Part Number	4993120		

F10 - Function key list
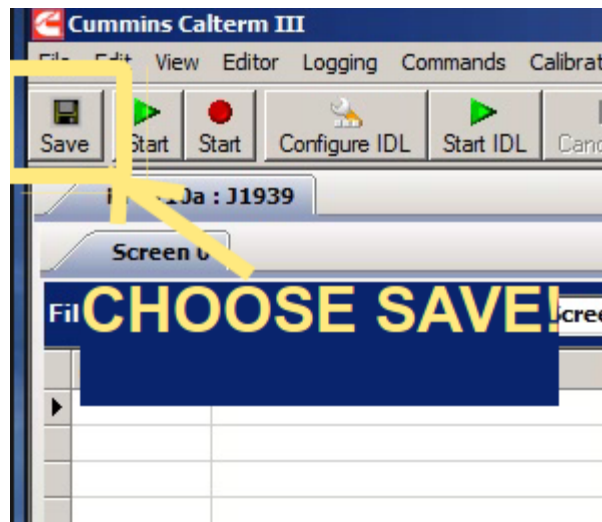
Start   C:\Calterm III

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** Make sure ECU is unlocked! - The padlock at bottom of window will be open when unlocked.
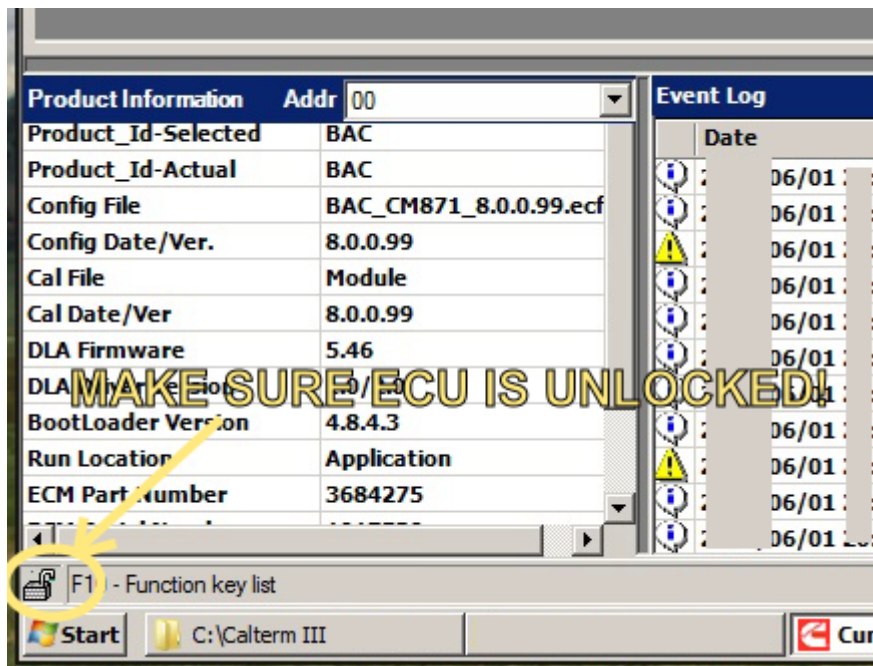
** If is NOT unlocked and padlock symbol is closed then you can switch it with "Toggle Security Key" from menu.
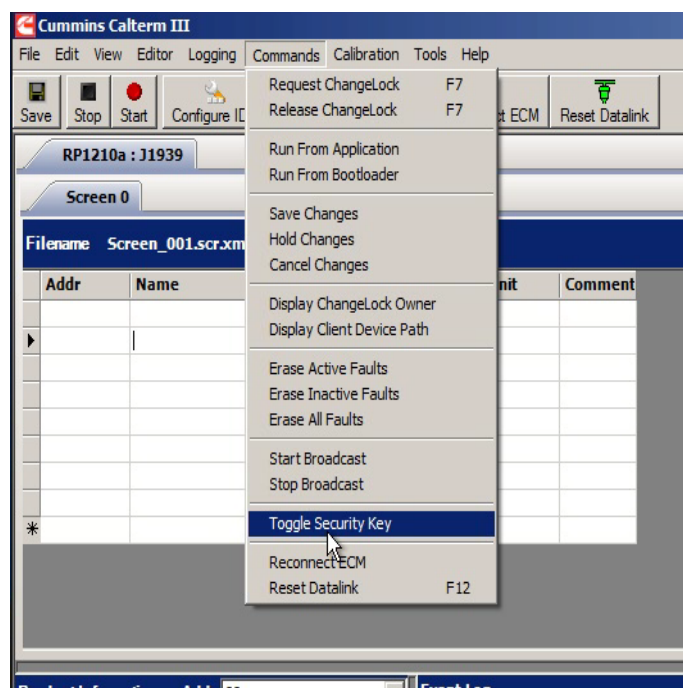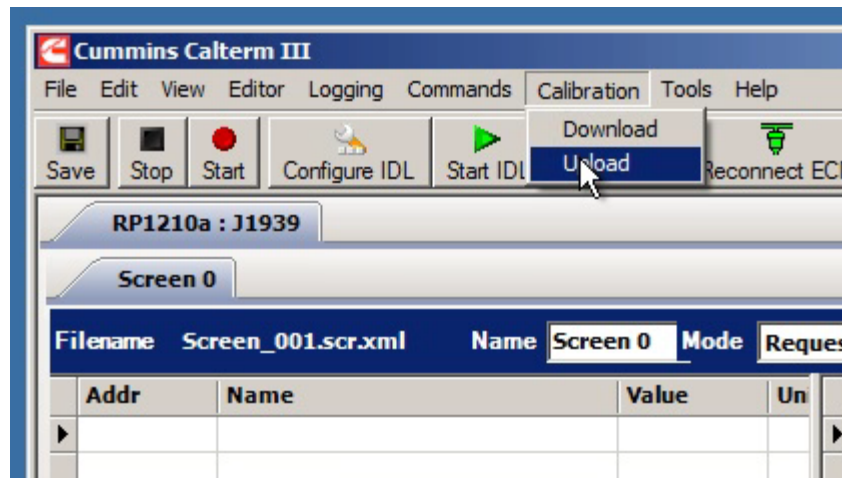

** Use the "Save" button if you had to unlock it before going on. Unlock will not stay if you don't use save button right after unlocking it.
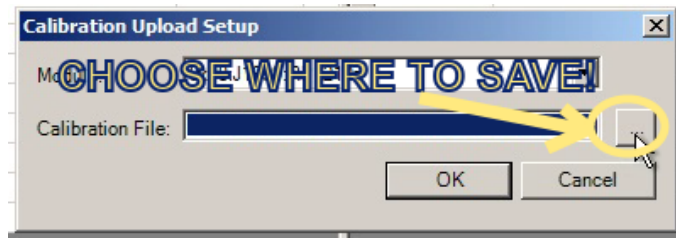
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** **With the ECU unlocked** now you can take a backup of it to your computer. For to start backup Choose "Upload". **UPLOAD IS FOR SEND TO YOUR PC!.**
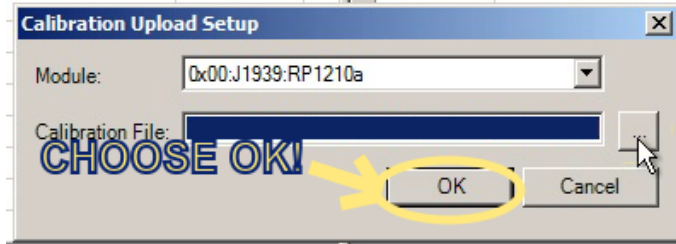


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** **Choose where to save the file ...**

Calibration Upload Setup

Mo **CHOOSE WHERE TO SAVE!**

Calibration File: [   ] [...]

[OK]   [Cancel]

then choose "Ok".

Calibration Upload Setup

Module: 0x00:J1939:RP1210a [▼]

Calibration File: [   ] [...]

CHOOSE OK!   [OK]   [Cancel]

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** Wait for to finish.

Calibration Upload

Source   0x00:J1939:RP1210a

Destination   C:\   :\Administrator\Desktop\
              backup   cal

Transferring block 1 of 4 from addresses: 0x10000 to 0xa9076   (301000 / 2069296)

[█████   ] **14%**

[Cancel]
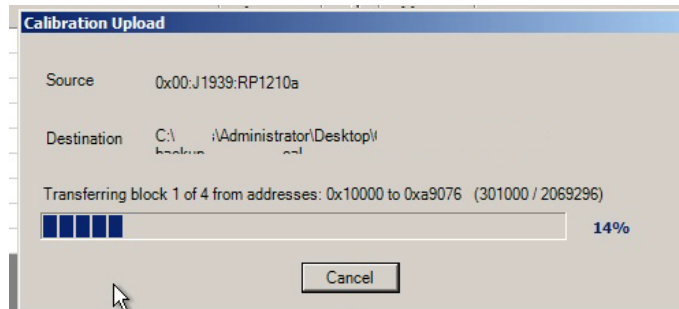
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** You now have backup.