



## November 2024 Public Release Software

2024-11-24 - EFILive Support - Download

**The November 2024 Public Release software is available [here](#).**

### **EFILive Software Version Numbers**

- V8 Software: V8.4.67
- V7.5 Software: V7.5.51

#### **FlashScan/AutoCal V3:**

- Firmware: V3.00.137 (Nov 12, 2024)
- Boot Block: V3.00.006 (Feb 26, 2021)

#### **FlashScan/AutoCal V2:**

- Firmware: V2.08.214 (Nov 11, 2024)
- Boot Block: V2.08.009 (Feb 26, 2021)

## **EFILive V8 Software**

### **V8.4.67 Public Release**

- Software/Firmware version synchronization.

#### **V8.4.66 RC4**

- Added diagnostic and data logging support for E01B and E90 global-B controllers.  
Global-B flashing is not available yet.
- Added three new functions to the Lua scripting to allow a script to manage multiple, connected AutoCal and/or FlashScan devices.
- Fixed the find/replace option in the script editor.

#### **V8.4.65 RC3**

- Re-alignment of some visual controls in the EFILive Control Panel.

#### **V8.4.64 RC2**

- Added A40 TIS import option.
- Fixed some Cummins HD controllers that were not generating any QR code in the [F4: OBD] window.

#### **V8.4.63 RC1**

- Fixed display of PIDs' statistics in the Scan Tool's [F4: Data] display. When multiple PIDs shared the same units, some of those PIDs' min/avg/max values were being displayed incorrectly.
- Added auto-detect support for E41 boot block 12723940.
- Adjusted low level CAN timings which make the Cummins flash process slightly faster and more resilient to errors.

#### **V8.4.62 Beta**

- Fixed T93 TIS import option which was adding unnecessary unused data to the end of the bin file.
- Fixed the new Cummins timing calculator which was not computing the correct timings in some circumstances.
- Added a [Clear History] button to allow tune file modification history to be cleared.
- Fixed \*.cax8 decryption \$0B03 error.
- Added T87 TIS import option.

#### **V8.4.61 Beta**

- Added T93 TIS import option.

#### **V8.4.60 Beta**

- Fixed the V8 software's Auto-Detect option not detecting any controllers when using a FlashScan/AutoCal V3 device.

#### **V8.4.59 Beta**

- BBX Lua script files are now pre-compiled and encrypted (to \*.xLua) files before being installed as part of a FlashScan/AutoCal V3 custom menu. See \Documents\EFILive\V8\User Defined Menus\SampleCustomMenu.txt for more info.
- Added unlocking option to allow FlashScan to generate the correct unlock key, to unlock controllers that were locked using the "Lock (using FlashScan generated key)" option.
- Fixed file corruption when encrypted files were added to \*.bbx quick setup files and the Remote AutoCal link was changed/updated.
- Added ECM/TCM hardware number to QR-code in [F4: OBD].
- Cummins Timing Calculator now checks the target calibration and will warn the user when the timing calculator may not be 100% accurate due to mismatched axis units.
- Cummins Timing Calculator now attempts to compensate for mismatched axis units.
- Fixed A40 flash failure if/when the A40 TCM reports an operating system number of 00000000.
- When copying \*.ctz tune files to FlashScan or AutoCal, a warning message is displayed if the tune file's check sums are incorrect.

- Added right-click-copy option for VIN/OS data displayed at the bottom of the main Scan Tool window in the status bar.

## **FlashScan/AutoCal V3 Firmware**

### **V8.0.137 Public Release**

- Fixed TCM (and other non-engine controllers) not being detected if an ECM is not also connected.

### **V8.0.136 RC4**

- Software/Firmware version synchronization.

### **V3.00.135 RC2**

- Some Cummins HD controllers were not being correctly auto-detected.
- Selecting a Controller/PID set prior to data logging was not actually selecting the Controller/PID set.
- Fixed serial wide-band data not being detected/recorded.

### **V3.00.134 RC1**

- Added auto-detect support for E41 boot block 12723940.

### **V3.00.133**

- Adjusted retry limits for PCI frames in multi-segmented CAN messages.

### **V3.00.132**

- Increased timing tolerances for multi-segmented CAN messages - again.

### **V3.00.131**

- Increased timing tolerances for multi-segmented CAN messages.
- Fixed CAN ID miss-matches for GM Global-B controllers.
- Added bb.CanPci() function to BBX Lua scripting to allow greater control over PCI flow control frames.
- Added new error result to bb.VinLicense() BBX Lua scripting to indicate an attempt was made to license a controller in a non-flash script.

### **V3.00.130**

- Fixed black box flashing of encrypted tune files which failed to decrypt the tune file correctly, resulting in failed flashes.

### **V3.00.129**

- Changed the parameter signature of Lua BBX script function bb.SeedKey().

### **V3.00.128**

- Changed the way Lua scripts are called from custom menus. See `\Documents\EFILive\V8\User Defined Menus\SampleCustomMenu.txt` for more info.

## **EFILive V7.5 Software**

### **V7.5.51 RC3**

- Software/Firmware version synchronization.

### **V7.5.50**

- Tune file version synchronization.

## **FlashScan/AutoCal V2 Firmware**

### **V2.08.214 RC4**

- Increased timing tolerances for multi-segmented CAN messages - again.

### **V2.08.213**

- Software/Firmware version synchronization.

### **V2.08.212**

- Increased timing tolerances for multi-segmented CAN messages.

### **V2.08.211**

- Fixed "Script File Invalid" error when reading/flashing via pass-thru from the V8 software.

### **V2.08.210**

- Version synchronization.

## **Calibration Updates**

### **V8.4.65 RC3**

- Added B1861 and B1862 to E83 operating system 12653113.

### **V8.4.64 RC2**

- Fixed "Up/Down shift vs RPM" table address errors for CMD operating systems 22110708 and 55110708.

### **V8.4.63 RC1**

- Added G0902-G0906 Desired Temperature Tables to E80 operating systems 12677562, 12676181, 12676665 and 12696162.
- Added VATS support for E92 operating system 12711163.

#### **V8.4.62 Beta**

- Added editing support for CM2350A operating system 23701753.

#### **V8.4.60 Beta**

- Fixed description for E41 V190001 calibration (was pulses per mile, changed to pulses per transmission output shaft revolution).
- Added editing support for CM2350A operating system 23701936.

#### **V8.4.59 Beta**

- Added editing support for T87A operating system 24285377.
- Added editing support for E78 operating system 12640750.
- Added D9548 clutch air purge to T43 operating systems.
- Added editing support for CM2350A operating system 22701970.
- Removed soft limit of 500 for B0202 "Boost Sensor Scaling" for E54 (LB7) and E60 (LLY) controllers. Hard limit is still 1024.
- Added editing support for CM2250 operating system 26000501.
- Added minimum alternator voltage for some E38 operating systems.
- Added editing support for CM2450A operating system 24702331.
- Added closed throttle torque calibrations to most E38 operating systems.
- Added start/stop control calibrations to some E92 operating systems.

## **Documentation Updates**

#### **V8.3.66 RC4**

- EFILive Command Line Reference.pdf

#### **V8.3.62**

- EFILive BBX Scripting Reference.pdf

#### **V8.3.61**

- EFILive BBX Scripting Reference.pdf

#### **V8.3.60**

- EFILive BBX Scripting Reference.pdf

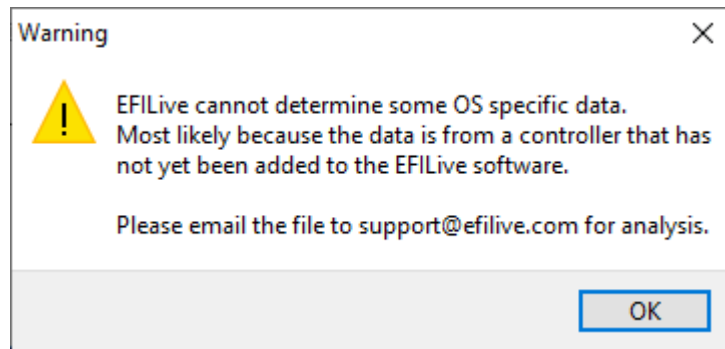
#### **V8.3.59**

- DefaultMenu.txt
- SampleCustomMenu.txt
- EFILive BBX Scripting Reference.pdf
- EFILive Error Codes.pdf

#### **Limitations**

- **Limitation #1:** When logging DMA PIDs (i.e., PIDs whose names end with \"\_M\" or \"\_DMA\"), if the ignition is switched off for an extended period while data logging but data logging is not terminated, then when the ignition is switched on again the data log automatically continues. However, the DMA PIDs may no longer return valid data.
- **Workaround:** EFILive recommends stopping the data log and restarting the data log when switching off the ignition for extended periods

- **Limitation #2:** When opening CMF (CM2450B) Cummins 2022 tune files, the EFILive software will complain with the following message:



That is expected and the message may be ignored. We have only added the option to open CMF 2022 stock files so that EFILive can flash stock files. EFILive cannot be used to update the check sums of modified files. Modified files cannot be flashed. You do not need to email the file to EFILive. Ignore the message if you are opening and flashing a 100% stock tune file. Do not attempt to flash a modified file, it will fail at the end of the flash and the vehicle will be left in a no-start condition until a stock file is flashed in.

- **Workaround:** None.

## Known Issues

- None