

## How to Load .BBX tune files Step 1: EFILive

#### Scan and Tune

- 1. Make sure you have the most up to date EFILive software downloaded to your Windows Computer.
- 2. Current most up to date software for EFILive click here: EFILive V8.

3. A Pop-up for User Account Control will then come up asking "**Do you want to allow EFILive V8 Scan and Tune to make changes to this computer**".

Click "Yes".

4. EFIlive Scan and Tune Setup will then open up to their Installer. Click "Next".



5. EFILive Licenses Agreement will prompt you to read the following document carefully.

Select check box "I agree to the terms of this licenses agreement".

Click "Next" to proceed to the next step of the installation of EFILive Scan and Tune.



6. EFILive Installation Folder will be the next step in the install.

Click "Next" for allowing the Software to be installed to "c:\Program Files (x86)\EFILive".



7. EFILive Shortcut Folder will then want you to select if you want the V8 Scan and Tune to be accessible by all users or only the current user.



8. Ready to install "you are now ready to install EFILive Scan and Tune V8"

#### Click "Next".



9. EFILive will then proceed to install Scan and Tune to your desktop.

5	EFILive Scan And Tune Setup	×
Installing E Please wait.	FILive Scan And Tune	
Installing File C:\Program	19 Files (x86)\EFILive\V8\EFILive_ScanAndTune.exe	
		Cancel

10. EFILive Scan and Tune "Installation Successful".



11. EFILive Scan and Tune V8 will be located on your desktop.

#### Step 2: Updating your AutoCal or V2

- 1. After installing the latest EFILive software onto your computer plug your AutoCal or V2 into your computer with the supplied USB cables.
- 2. Open "EFILive Scan and Tune"



3. At the bottom right hand side of your desktop on the taskbar you will have a small V2/AutoCal icon pop up. Click on the icon.



4. EFILIve Control Panel will then be displayed in front of you. Click the **F6: Firmware** tab on the left hand side.

🛷 F2: USB		Device name	Status	Bootblock	Firmware		
🚜 F3: USB Settings	THINK	💥 FlashScan V2	Not Connected				
	. uniti	💥 AutoCal V2	Connected	2.07.07	2.07.82		
🙀 F4: Options							
🚗 F5: Calibrate A/D	UNITE	AutoCal V2 Boot b	ock				
F6: Firmware		Version: 2.0	7.07	Date: Feb 0	7, 2014		
👰 F7: Licensing		Boot block version is OK.					
🝇 F8: Trace		AutoCal V2 Firmw	are				
F9: LCD Capture		Firmware: 2.0	7.82	Date: Apr 1	0, 2015		
🕢 F10: About		Please update	to version: 2.07.85	Updat	e Firmware		
					Refresh		

5. If your device is needing to be updated then it will have in red "Please update to version: x.xx.xx" with an Update Boot Block/Firmware button to the right. (if it doesn't need updating then the words will be in green)

🛷 F2: USB		Device name	Status	Boot	block	Firmware
🚜 F3: USB Settings	Thurson a	🔀 FlashScan V	2 Not Conn	ected		
Sig 15. Obb Settings	THEFT.	💥 AutoCal V2	Connecte	d 2.07	.07	2.07.82
🙀 F4: Options						
🚗 F5: Calibrate A/D	unnin	AutoCal V2 Boo	ot block			
🗢 F6: Firmware	,	Version:	2.07.07	Date	: Feb 07	, 2014
👰 F7: Licensing		Boot block	version is OK.			
💐 F8: Trace		AutoCal V2 Fire	nware			
🔄 F9: LCD Capture		Firmware:	2.07.82	Date	: Apr 10	, 2015
🕢 F10: About	C	Please upda	ate to version: 2	2.07.85	Update	Firmware
					(	<u>R</u> efresh

6. Click the **Update Firmware** button. The devices screen will begin to flash while updating. Once this is complete your device is ready to have your tunes loaded onto it!

### **Step 3: Updating your BBX Setting**

- 1. First you will download the attachment in the email labeled "BBX Settings"
- 2. To download the "**BBX Settings**" attachment left click the download button on your email (some emails may be different than others depending on your web browser, <u>Google Chrome</u> is what we prefer you to use)
- 3. Once it has downloaded to your computer from your email you will it will be at the bottom of your web browser "**left click"** on "**BBX Setting**"
- 4. EFILive Scan and Tune will then pop up immediately to the "FlashScan/AutoCal PID Selections" where you will be able to see the BBX settings are ready to be

configured to your device.



5. Click the "**F2: Scan**" Tab and select the type of truck you are flashing. (for this particular example we are going to select the CME Module also known as the 2013 - 2015 6.7L Dodge Cummins) Here is a list of what is what

E54 = LB7 2001 – 2004 Duramax
E60 = LLY 2004.5 – 2005 Duramax
E35A = LBZ 2006 – 2007 Duramax
E35B = LMM 2007.5 – 2010 Duramax
E86A = LML 2011 – 2014 Duramax
E86B = LML 2015 Duramax
CMB = 5.9L 2006 - 2007 Cummins
CMC = 6.7L 2007.5 - 2009 Cummins
CMD = 6.7L 2010 - 2012 Cummins
CME = 6.7L 2013 - 2015 Cummins

F3: Tune     F3: F4: Switch	E35B E35A		Enable HotK	ed Controllers Description E35B LMM Duramax ECM	0
F3: Tune     F3: F4: Switch	E35B E35A	E35B	HotK	E35B LMM Duramax ECM	0
E4: Switch	E35A				
E4: Switch		E35A			
E4: Switch	A40			E35A LBZ Duramax ECM	
	E54	A40 E54		A40 Allison 6 speed TCM E54 LB7 Duramax ECM	
		E60		E60 LLY Duramax ECM	
F5: DTCs	AL5	AL5		AL5 Allison 5 speed TCM	0
	CMC	CMC		CMC CM2100 Cummins Diesel E	V7
F6: Quick Setup	CMB	CMB		CMB CM849 Cummins Diesel ECM	
	E86A	E86A		E86A LML Duramax 11-14 ECM	Q
	E86B	E86B		E86B LML Duramax 2015+ ECM	
	CMD	CMD		CMD CM2200 Cummins Diesel E	
	CME	CME		CME CM2350B Cummins Diesel	

6. Depending on your type of truck you will select your control that belongs to your truck. For these instruction as stated previously are for a 2013 - 2015 Dodge 6.7L Cummins also known as "CME module". Make sure you only select the controller for the truck you're tuning. You're going to left click the check box and also left click to the right on the controller to turn the selected controller blue.

	CMC	CMC CM2100 Cummins Dieser E
СМВ	CMB	CMB CM849 Cummins Diesel ECM
E86A	E86A	E86A LML Duramax 11-14 ECM
E86B	E86B	E86B LML Duramax 2015+ ECM
CMD	CMD	CMD CM2200 Cummins Diesel E
CME	CME	CME CM2350B Cummins Diesel

7. Next you're going to left click on the "F3: Tune" Tab and do just the same as you did before in #6. Select the controller for the truck you're tuning. You're going to left click the check box and also left click to the right on the controller to turn the selected controller blue.

<b>a</b>			FlashScan/AutoCa
F2: Scan			
	Caption	Module	Description
A F3: Tune	🗌 E54	E54	E54 LB7 Duramax ECM
	E60	E60	E60 LLY Duramax ECM
En suitet	🗌 E35A	E35A	E35A LBZ Duramax ECM
F4: Switch	E35B	E35B	E35B LMM Duramax ECM
_	СМВ	CMB	CMB CM849 Cummins Diesel ECM
F5: DTCs	СМС	CMC	CMC CM2100 Cummins Diesel ECM
	E86A	E86A	E86A LML Duramax 11-14 ECM
F6: Quick Setup	E86B	E86B	E86B LML Duramax 2015+ ECM
	AL5	AL5	AL5 Allison 5 speed TCM
	🗌 A40	A40	A40 Allison 6 speed TCM
	CMD	CMD	CMD CM2200 Cummins Diesel ECM
	CME	CME	CME CM2350B Cummins Diesel ECM

8. Once you have selected the controllers for your truck in the F2: Scan and the F3: Tune tabs your will then proceed to the "Program" button at the bottom. Click the down arrow to the right of the Program tab.



9. Once you have click the down arrow on the right side you will then "Format CONFIG File System"



10. Once you have selected the "Format CONFIG File System" above then you will do the same steps but youre going to select the "Program Selections and Configuration File (Slower)" this time.



11. It will then begin "Copying Configuration Files".



**12.**Once completed your device has been updated with the most up to date BBX PID's for your truck!

# Step 4: Downloading EFILive Tunes to your computer

- 1. Open your email that has your tune file or files attached.
- 2. Download the attached tune file or files by clicking the download button on your email (some emails may be different than others depending on your web browser, <u>Google Chrome</u> is what we prefer you to use)
- Once it has downloaded to your computer from your email you will "right click" the download and select "Open with EFILive V8 Scan and Tune Application (default)". And click "OK"



## Step 5: Loading your custom tunes to your V2 or AutoCal

1. On your desktop now locate and open "EFILive Scan and Tune". When you have already opened the .BBX tune file, it will automatically go to the tune programming screen (F6: Quick Setup)

2. Once you have selected the tune(s) by double clicking on them they will show up in your Quick Setup Box.

C:\Users\Chad\Desktop\EFILive\Tunes\Cummins Tunes\CSP4_PPEI.bbx							
Tune Files	Туре	Private	Lock	Cal-Only	Full-Only	Device Lice	Device S
聞 CSP4.ctz	CME	Private	-	-	Full	003852972	0
New Quick Setup		ope 🔂	en Quic	k Setup	PI	rogram Quick S	etup

3. Towards the top of the displayed screen you will have 5 check boxes. The 4 boxes that you are going to need to select are the following:



4. To transfer the tunes onto the AutoCal or V2 you will then need to locate the Red down arrow that says "**Program Quick Setup**" and left click on it.



5. A pop up screen will appear titled "**Confirm**" stating that you want to confirm the re-configuration calibration to be written to the device. Click "**Yes**".

	Confirm				
0	Re-configure FlashScan/AutoCal with the currently selected Quick Setup options?				
	Existing files on FlashScan/AutoCal may be overwritten during this process.				
	Continue?				
	Yes No				

6. A progress bar will appear that will say "**Copying**..." this task could take up to a few minutes.

Progress	X
Copying CSP4.ctz	

- 7. When the progress bar disappears you are then ready to program your truck! Take a look at your original instructions that were provided with the AutoCal to load the tunes onto your Truck!
- 8. Disconnect the AutoCal/V2 from the computer and proceed to flashing the truck.
- 9. Plug the AutoCal/V2 into the truck's OBDII using supplied cables.
- 10. Turn the key to the "**RUN**" position, do not start the truck.
- 11.Toggle down using the right (skull) button until you see "**Tuning Tool**". Press the "**OK**" button (skull) in the center of the AutoCal..
- 12. Toggle down to "Program Full" press "OK".
- 13.Toggle down until you have found your desired tune that you are wanting to load onto the truck and press "**OK**".
- 14. The screen will say "**Checking 0 100%**" Followed by "**Erasing... Flashing**" with a percentage % below it. This process take approximately 13 minutes.
- 15.When the flashing has finished, the AutoCal will prompt you to turn the "**ignition off now!**" Turn the key off and press "**OK**". Once the countdown has completed you have now successfully loaded your new tune onto your truck, you may turn the key to the run position and start the truck!