



Cax8 Files

2020-10-09 - EFILive Support - General

User defined calibrations are managed in the V8 Editor using Cax8 files. Cax8 files are plain text files that can be incorporated into the tune tool to add additional tables and/or parameters for editing. Cax8 files must adhere to the layout and design criteria documented in the template located in the \Documents\EFILive\V8\User Defined Cax8\Template.cax8 file.

Cax8 files, when correctly defined are integrated and displayed in the V8 Tune Tool Editor and multiple Cax8 files can be active on a single tune file. Calibrations within each Cax8 file can be the same as calibrations defined by EFILive and other Cax8 files. Users also have the ability to include a range of Provider information that is displayed at calibration level in the V8 Tune Tool Editor.

All values and units in the Cax8 file MUST be specified using metric units.

To assist users transitioning from V7 to V8, a cax to cax8 file conversion tool is also available in the [F8: Tools] -> [F6: Bulk Files] -> [Convert User Calibration files] tab.

Further information on Cax8 files, and the conversion process can be found in the [Cax8 Files](#) article on the EFILive Service Desk. The [V8 Reference Guide](#) has also been updated for this feature.

An example of how multiple Cax8 files are displayed in a single tune file is below.

EFLive Tune Tool [C:\EFLive\LS1B_0000.dlg]

General

Adjust: # + - * / X + - + -

Parameters

Parameter	Value	Units
(01201) 1st Gear Ratio	3.059	:1
(01202) 2nd Gear Ratio	1.625	:1
(01203) 3rd Gear Ratio	1.000	:1
(01204) 4th Gear Ratio	0.696	:1
(01205) Rev Gear Ratio	2.204	:1
(01206) WOT Shift Mode Upper Threshold	95	%
(01207) WOT Shift Mode Lower Threshold	85	%
(01208) WOT Shift Mode Upper Threshold - Cruise	95	%
(01209) WOT Shift Mode Lower Threshold - Cruise	85	%
(01210) WOT Shift Mode Upper Threshold - 4WD	95	%
(01211) WOT Shift Mode Lower Threshold - 4WD	85	%
(02001) Performance Mode Pressure Adjust	Disable	
(04000) Shift Pattern Color	No Switch	
(000.89103) AX4 Enable	2wd	none
(000.02400) Gear Indicator Type	None	none
(Test_1.89103) AX4 Enable	2wd	none
(Test_1.02400) Gear Indicator Type	None	none
(Test_2.89103) AX4 Enable	2wd	none
(Test_2.02400) Gear Indicator Type	None	none

Parameters

- (01201) 1st Gear Ratio
- (01202) 2nd Gear Ratio
- (01203) 3rd Gear Ratio
- (01204) 4th Gear Ratio
- (01205) Rev Gear Ratio
- (01206) WOT Shift Mode Upper Threshold
- (01207) WOT Shift Mode Lower Threshold

General

Version: 1.1.1.1 Date: 17/09/2020

File Name: C:\Users\m\Documents\EFLive\VB\User Defined CxS\LS1B\12587603_TestA.cxs

Provider: Test File 1

Web Site: www.testfileone.com

Contact: email@gmail.com

Description: File description can be documented here.

12587603_TestA.cxs - Notepad

File Edit Format View Help

```
[Provider]
.....
[Version]
Name=1.1.1.1
Date=2020-09-17
Name=Test File 1
Provider=Test_1
HelpFile=
Description=File description can be documented here.
URL=www.testfileone.com
Contact=email@gmail.com
.....
[Parameters]
.....
[Parameter]
Name=Tag/Value List
.....
[Parameter]
Name=Disabled_to_Enable
Value=0=Disabled,1=Enabled
.....
[Axis]
Name=AXIS Labels
Value=8-80,6-75,10-50,18-75,15-60,31-25,37-60,43-75,50
Start=0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100
.....
[Data]
.....
[Calc]
Calculation=
```