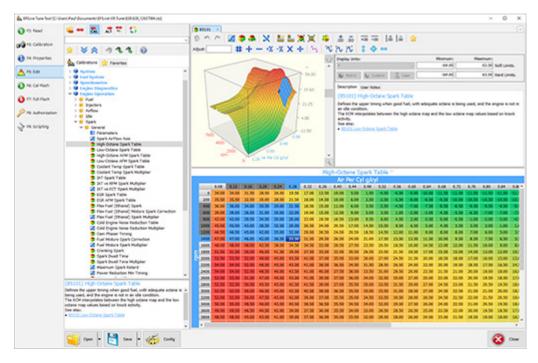


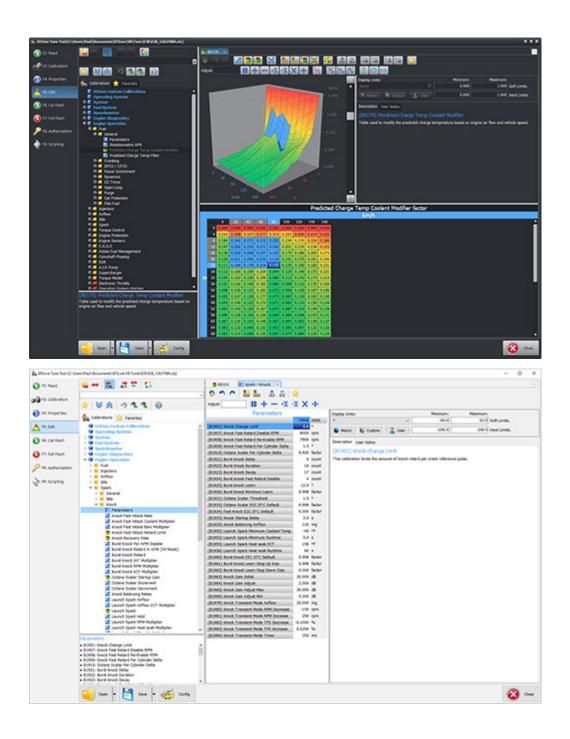
News > General > EFILive Tune Tool Development

EFILive Tune Tool Development

2019-09-23 - EFILive Support - Comments (0) - General

The EFILive Tune Tool continues to progress with tune files now functional in the development tune tool editor. With greater functionality in terms of customization, precision and display, the tune tool editor comes standard with multiple themes, including light and dark to suit each users application.





O 12 feed	≤ + 2 3 7 0.								
and its consistent									
		DTC Type	Description User Nates						
	* * * * * 1 0		* (05001) DTC Type						
fit insperies	💩 Califrations 🔆 Favoritas	The Fault: The description available	to test Reported	Use to specify individual angre 31C types.					
1.		PERCE, Intelia Camehaft Peoblen (CHP) Advator Solenoid Cantral Circuit Barik 3	B 2 Trips, Emissions Related						
P3.54	O'Live Castion Calibrations	P0011: State Censhaft Peoton (CHP) System Performance Serie 1	Br 2 Trips, Enumerors Related						
	9 Operating System	PHILE Exhaust Camebalt Postion (CHP) Advator Solenoid Control Oncut Bank 1	K: Not Reported						
NE Cali Rash	> 50 Faul System	P0004: Exhaust Canshaft Poston (CHP) System References Bank 1	1						
	> W Speedurater	PRICE: Cranishaft Peobler (OP)-Campbalt Poster (OP) Completer Bank I Sensor A							
F7. N.E-Fash	- O Capitor Disperation	PSIGD, Cranishelt Poston (OIP)-Cemshelt Poston (OIP) Cemulaton Bank 3 Sensor B							
	C) OTC Type	PERCE. Cranished Posters (OP)-Cemahalt Posters (OP) Correlates Bank 2 Sensor A							
R Advortation	Caroline Munder	MIDLK, Cranishelt Anation (OVI)-Cemulath Poston (OVI) Correlation Bank 2 Sensor B							
	1 Clarys Honor	P0120. 3date Censhaft Poster (CHP) Advater Sciencel Central Croat Bank 2							
PR Solyting	2 10 10	PSID: State Censhaft Poston (OHF) System Performance Bank 2							
	> 🗧 Malva	MITES: Robaust Camehaft Peoblen (UNP) Aduator Scienced Cantrol Circuit Bank 3							
	-> Cedrone Throthe	PSIDH, Exhaust Canshaft Poston (CHP) System Performance Bank 2							
	> CODE fuggert	P0030. 025 reater Central Circuit Bank 1 Sensor 1	Br 2 Trips, Emissions Related						
	 Implese Operations 	PIEZZ Turbultuper Charger Repeat Value Central Circuit							
		PIETAL 025 reader Cantral Central Bank 1 Seman 2	PBIDE, 025 Heater Cardinal Croad Rank (Sensor 2 Br 2 Trans. Environment Rainted						
		Plattie: 025 Heater Central Circuit Bank 2 Sensor 1							
		PORTA HORS Reader Reportance Sank 1 Sensor 1	B: 2 Trps, Emission Related						
		P0054, INC25 reader Residance Bank 1 Sensor 2	PRISH, INCOS Insultar Resolutions Bank 3 Sensor 2 B 2 Trips, Environment Related						
		Mittile: 025 reader Central Central Bank 2 Sensor 2	1						
		P90596, HG25 Header Residunce Bank 2 Sensor 1							
		PEDER, MÖDT Rester Resultance Sank 3 Sensor 3							
		P0068, MM/MWV - Thruttle Pueben Correlation	A: 5 Trip, Emissions Related						
		P0069. Nanifold Absolute Pressure - Berometric Pressure Correlation	10 test Reported						
		P0000, Baranwitric Pressure (BARC) - Supercharger Idel Pressure Camelation	X: Not Reported						
		P0096: Sitolia Air Temperature Senser 2 Circuit Range, Performance	x hat Reported						
		PEDEP, Briska Air Temperature Senser 2 Grout Law	X hat Reported						
		P0096: Setalia Air Temperature Senair 2 Circuit High	x: hat Reported						
		PEOKS. Radiator Coulant Temperature Sensor Circuit Law	X: Not Reported						
		P0004: Audiator Cavitert Temperature Sensor Circuit High	x text Reported						
		P0086. Radiator Coulant Temperatura/Engine Coulant Temperature Conteinton	K: Not Reported						
		PEDDL Hass Ar Fine (MW) Senar Performance	Br 2 Trips, Drossons Related						
		PELSE: Mass.Ar Flow (NW) Sensor Circuit Law	B: 2 Trips, Envisions Related						
		PEUD: New Ar Flew (NW) Sensor Crisik Ingh.	B: 2 Trips, Emosons Related						
	(CRODE) OTC Type	PELIN. Manhaid Absolute Pressure (MAP) Sensar Performance	B: 2 Trips, Environme Related	4					
	Use its specify individual angre STIC types.	PELEP, Manifold Absolute Pressure (MW) Sensor Cricuit Lew	Br 2 Trips, Encours Related						
		PELDA, Manifold Abashda Pressura (MAP) Sensor Circuit High	8: 2 Trips, Emissions Related	false in the second sec					
		PECEE Intelle Air Temperature (IRIT) Sensor Performance	x: hot Reported						
		PELLID: Intales Air Temperature (IR7) Sensor Circuit Law	B: 2 Trips, Environme Related						
		HELD: Jetaka Air Temperature (JAT) Sensor Circuit High	B: 2 Trps, Encours Related						
		P1118. Begine Caulent Temperature (ICIY) Senser Performance	B: 2 Trps, Environme Rainted						
	Con Illes Dirty	Terrer a strate a strategy and a str							
	🤪 (ym 🔹 💾 5m 🔹 🌾 (m	da .		S					

The new calibration comparison in V8 allows for comparisons between files that are from different operating systems. Filtering options exist that shows relevant results:

- **Different:** Hides/Shows calibrations that exist in both tune file but have different values.
- **Identical:** Hides/Shows calibrations that exist in both tune file and have identical values (including identical row and column labels).
- **Unpaired**: Hides/Shows calibrations that only exist in one of the tune files but not in both.

Where calibration tables have different sizes or different row and/or column labels the table cannot be compared cell-for-cell. Instead an interpolated difference is computed over the entire calibration table that shows a computed "percentage difference" between the two calibrations.

🕜 F2: Read	🤹 ↔ 🐹 🦽 🐨 🛞 🛟									
	🙀 🔶 📶 📶 🐺 🕄 🎝	+ Compare ×								
		Compare Tune Files:								
F3: Calibration	L	Calibration: C:\Users\Paul\Documents\EFILive	V8\Tune\E36	VE38 12637084	ctz Alternate: C:\Users\	Paul\Documents\EETLive\VE	\Tune\E67\E67 12611938.ctz			
									Re-compare	
F4: Properties		Controller: E38			Controller: E67					
T Pa: Properties	August Calibrations 🤆 Favorites	05: 12637084			OS: 12611938			Different	☐ Identica	ı.
	-				risons are computed and displayed u			Unpaired	_	
F5: Edit	EFILive Custom Calibrations	10	ensure correc	t results, compa	risons are computed and displayed t	ising metric values.		E onpared		
	 Operating System System 	Description	Calibration	Status	Difference	Calibration	Alternate Units			
F6: Cal-Flash	> G Fuel System	Segment Checksums								
	> Speedometer	X Operating System	Seg 1	Different		12637084 (\$C908F3D1)	12611938 (\$99828AED)			
F7: Full-Flash	Speedometer See Engine Diagnostics	X System	Seg 2	Different		12635478 (\$4F68636A)	12613175 (\$DDB1B536)			
Pro Pulienasi	> S Engine Operation	K Fuel System	Seg 3	Different		12635030 (\$9AF12800)	12594150 (\$5E00447D)			
	2 GP Engine Operation	X Speedometer	Seg 4	Different		12634070 (\$180A0E9E)	12609982 (\$C256A21D)			
F8: Authorization		K Engine Diagnostics	Seg 5	Different		12635474 (\$26573CF3)	12616186 (\$9027847B)			
		K Engine Operation	Seg 6	Different		12637167 (\$C1CFBAF7)	12612850 (\$55437AE4)			
F9: Scripting		Fuel Tank.Variable Axis								
£		Primary Tank Axis 1	A9021	Different	Different from [0,1][0,31]					
		Kecondary Tank Axis 1	A9022	Different	Different from [0,1][0,31]					
		Fuel.General								
		-X Cylinder Volume	B0104	Different		0.77	0.75 1			
		-X Predicted Charge Temp Coolant Modifier	B0179	Different	Different from [0,0][8,32]					
		Predicted Charge Temp Filter	B0180	Different	Different from [0,0][0,16]					
		Fuel.Cranking								
		————————————————————————————————————	80138	Different	Different from [0,0][16,16]					
		- Cranking Fuel Mass Coolant Factor	B0183	CAL Only						
		Fuel.DFCO / CFCO								
		K DFCO Speed Thresholds	B2402	Different	Different from [0,0][1,3]					
	Caption	DFCO Throttle Thresholds	B2403	Different	Different from [0,0][1,5]					
	Capuon	X DFCO Airflow Thresholds	B2404	Different	Different from [0,0][1,16]					
		X DFCO Airflow Thresholds, AFM	B2419		Different from [0,0][1,16]					
		DFCO Coolant Temp Enable	B2405	Different		-10	30 °C 25 °C			
		DFCO Coolant Temp Disable DFCO Entry Delay	B2406 B2401	Different	Different from [0,2][0,5]	-15	25 °C			
		DFCO Entry Delay DFCO Injector Shutoff Delay	82401 82407	Different	Different from [0,2][0,5] Different from [0,0][0,0]					
		DECO Injector Shutom Delay DECO RPM Disable	82407 82409	Different	Dimenent from [0,0][0,0]	1200	1100 rpm			
		DECO RPM Disable	B2409 B2410	Different		1200	1400 rpm			
		A DECO REM ENable	82410	Different		1300	1400 IDIN			

The following additional features are also under development.

- Intelligent copy/paste that:
 - automatically converts between different units.
 - supports copying data accurately between tables that have different rows/columns using interpolation.
 - automatically fill empty cells with intelligent defaults.
- Easily change display units for rows, columns and table data.
- Multiple selections per table, selected data is not restricted to a single rectangle.
- Display simulated, interpolated data to see how the target controller interprets calibration data.
- Tables can be transposed, i.e. the row and column labels can be swapped.
- Curve fitting generates smooth curves based on only a few data points.
- 2D chart editing (via the mouse) is more accurate.
- 3D charts are displayed in perspective.
- 3D charts accurately model the controller's interpolation of the calibration data.

The EFILive team looks forward to sharing our progress with you over the coming weeks and months ahead of our tune tool beta release.