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Pass-Thru Data Logging

EFILive Support - 2021-07-14 - Comments (0) - V8 Scan and Tune Software

Follow these steps to log the selected controller using EFILive V8 Scan and Tune software.

- 1. Open the EFILive V8 Scan and Tune application.
- 2. Connect your FlashScan/AutoCal device to your PC and vehicle.
- Select an existing Dashboard configuration either by using the [Open Dash] button or using the Dashboard drop down, or configure after making controller and PID selections.
- 4. Navigate to the **[F2: Scan] -> [F2: PIDs]** menu option.
- 5. In the **Engine** and/or **Transmission** field use the drop down list to select the correct controller type or use **Auto Detect**.
- Drag PID selections from the Available PIDs window into the Selected PIDs window.

	_												
K F2: PIDs				Available PIDs									
	Engine: CN	ME CM2350B Cummins Diesel EC	м 🔫	Auto		Name	Description	Units	Group	Source			
F3: Data	Transmission:		.		0	🖉 Det	ect	> 🔛 EDA 1	Enhanced Data Acquisition 1				
		Coloritoria DID	-					> 🥵 Generic 1	General				
F4: Charts		rs					> Generic 2	Pressures and Temperatures					
	Name	Description	Units	Group	Source		0	> Generic 3	Engine Conditions				
EFL Gaugas	MAININJD_F	Main Injection Time	us	EDA 1	ECM	^		> S Trans 2	69PEE Transmission Data 1				
Po: Gauges	PILINU1Q_F	Pilot 1 Fuel Quantity	mm3	EDA 1	ECM		9	> Trans 2	69PEE Transmission Data 2				
	PILINJ2Q_F	Pilot 2 Fuel Quantity	mm3	EDA 1	ECM		0	> Trans J	69PEE Transmission Data 4				
F6: Maps	💊 MAININJQ_F	Main Injection Fuel Qua	mm3	EDA 1	ECM		O	> S Trane 5	69PEE Transmission Data 5				
	POSTINJ1Q_F	F Post 1 Fuel Quantity	mm3	EDA 1	ECM		\bigcirc	> Trans 5	69PEE Transmission Data 6				
7 F7: DVT	POSTINJ2Q_F	F Post 2 Fuel Quantity	mm3	EDA 1	ECM		0	> S Trans 7	69PEE Transmission Data 7				
	POSTINU3Q_F	F Post 3 Fuel Quantity	mm3	EDA 1	ECM		4	> Trans 9	69PEE Transmission Data 9				
	POSTINJ4Q_F	F Post 4 Fuel Quantity	mm3	EDA 1	ECM		•	> Colculated	Colculated BIDs				
	AIRDENH_F	Altitude Adjust Table Se		EDA 1	ECM			> Calculated	Culculated Pilos				
	AIRDENL_F	Altitude Adjust Table Se		EDA 1	ECM			> S Digital	External Digital/Corial DDc				
	> AIRDENSC_F	Altitude Tables Active		EDA 1	ECM			> Digital	External Digital/Senal PIDS				
	CMPDENS_F	Compressor Inlet Density	kg/m3	EDA 1	ECM				Mainine Dyno Pibs				
	PILINUIT_F	Pilot Timing	•	EDA 1	ECM				rieece Performance XDL PIDS				
	MAININJT_F	Main Injection Timing	•	EDA 1	ECM				fleece Performance XDL2 PIDs				
	POSTINUIT_F	 Post Timing 	۰	EDA 1	ECM			> W FPEZ	Heece Performance 010 PIDs				
	MAF_CM_F	MAF Flow	g/s	EDA 1	ECM								
	TURBOSPD_F	Turbo Speed	rpm	EDA 1	ECM								
	OPFSOOT_F	DPF Soot Level	q	EDA 1	ECM								
	S FPD F	Fuel Pressure Desired	MPa	EDA 1	ECM								
	S FPA F	Fuel Pressure Actual	MPa	EDA 1	ECM								
	FRCURR_F	Fuel Pressure Reg Current	А	EDA 1	ECM								
	ENGTRST F	Engine Torque Control		EDA 1	ECM								
	ENGTRQD_F	Engine Torque Desired	Nm	EDA 1	ECM								
	S ENGTROA F	Engine Torgue Actual	Nm	EDA 1	ECM								
	S RPM F	RPM	rpm	EDA 1	ECM								
	STP_F	Pedal Position	%	EDA 1	ECM								
	S INTTHR F	Intake Throttle Position	%	EDA 1	ECM								
	TURBODPOS_	F VGT Desired Position	96	EDA 1	ECM								
	TURBOAPOS	F VGT Actual Position	%	EDA 1	ECM								
	S EGRPOS F	EGR Position	96	EDA 1	ECM	×		0					
	<					>		Search for PIDs:					
	Channel Allocation pe	er Module:						Channels: Any V Gr	oup: All 🗸 🤡	Clear			
	CME	81 of 128 mans	ere used.					Search:					_
	Engine CME	00000000		Tran	mission				0000000				
			1				-	Dashboard:	Se	arch/Filter	PID:		
	-				Open			oave _		1. A P		1	41

7. For GM and Cummins HD, PIDs should be validated using the Validate option to ensure only valid PIDs are logged.

🙊 EFILive Scan Tool [Unti	itled.pld]											-		×	
K F2: PIDs	Selected Controller(s)						Available PIDs								
	Engine:	E38 PFI ECM	-		Auto		Name	Description	Units	Group	Source				
F3: Data	Transmission:		\		.9	Detect	> SECM - Generic	SAE Defined PIDs							
		Selected PIE)s				> SECM - Enhanced > SECM - Custom	Manufacturer Defined PIDs EFILive Defined PIDs							
F4: Charts	Name	Description	Units	Group	Source	0	> 🤮 Calculated	Calculated PIDs							
Sr: Gauges	RPM TF P	Eggie PPM Thorttle Postonn Thorttle Postonn Vehicle System Status Vehicle System Status Nethol 25 Sensor Voltau- Heated 02 Sensor Voltau- Heated 02 Sensor Voltau- PTC That can be also that the Short Tam Puel Tim For The The Status Since DT - Short Tam Puel Tim For The The The Status Short Tam Puel Tim For The The The Status Cogo Sensor - Bank 1, Organ Sensor - Bank 2, Organ Sensor - Bank 2, Distance Transmitted Sensor System Vapor Pressure Barometric Tressure	rpm % km/h mV mV % % % kPa % % % % % % % % % % % % % % % % % % %	EGM EG	ECM ECM ECM ECM ECM ECM ECM ECM ECM ECM	*	 Charles Digital Digital Diyno FFE FFE	External Analog PDBs External Digital Senial PDDs Mainline Dyno PDDs Heace Performance: XDL2 PDBs Heace Performance: XDL2 PDBs Heace Performance: VDD PDDs Heace Performance: VDD PDDs PDDs PDDs PDDs PDDs PDDs Validate: cal PDDs Validate: cal	date I s: generic, culated, e: trollers, cl ct the target vid PIDs i idated	PIDs enhanced and custo takes [Volidate] to valid takes [Volidate] to	om PIDs. PIDs. dote oll PIDs. to stem.	•	×		
	E38	66 of 112 chann	eis u sed.				Search:								
	Engine E88 12559930 Transmission 0000000 - Casarchicitar Pth-														
💁 🛉 😫	• 🦳 Open 🔻	Save 💌 🎆	Config		Dash		Dash EFI_E38_Sample	_Metric ~				~	3 a		

- Navigate to the [F3: Data], [F4: Charts], [F5: Gauges] or [F6: Maps] tab and configure your dashboard to arrange data displays where a dashboard has not already been selected.
- 9. Start the vehicle.
- Select either Record or Monitor from the [F3: Data], [F4: Charts], [F5: Gauges] or [F6: Maps] screens.
- 11. Select **Stop** to stop the data logging session.
- 12. Save the log.
- To replay the data log, navigate to the [F3: Data], [F4: Charts], [F5: Gauges] or [F6: Maps] tab and select the appropriate Playback buttons.



Related Content

- FlashScan V2 Data Logging
- V3 Data Logging
- AutoCal V2 Data Logging