



Cummins Guidanz™ Windows Service Feature Training

Table of Contents

- General app information
 - <u>New Release Information</u>
 - Hardware Requirements
 - Download/Installation
 - Supported Adapters
- General Usage
- Service Features
- Questions or Issues

Version 1.4 Release

- Registered User without Subscription (Guest User Support) Connection, Raw faults, Limited Fault Snapshot (Single module/multi module, J1939 devices), fault prioritization
- IAM
- Registered User Support with SRV Subscription
- Audit Trail
- Multi-Level Security
- Data Monitoring & Logging
- Features & Parameters
- Clear Faults
- Full Fault Snapshot
- ECM Images & Templates
- Diagnostic Tests
- Software Shelf Support
- Update Manager Support

Hardware Requirements

- Works on
 - PC
 - Laptop
 - Tablet
- Minimum Windows OS version:
 - Microsoft Windows 10 Enterprise 10.0.17763 Windows 10 (Build# 1809) or later
- RAM: 1 GB for 32 bit, 2 GB for 64 bit
- Hard disk space : 16 GB for 32 bit, 20 GB for 64 bit
- CPU : 1 gigahertz(GHz) or faster processor or SoC

Download/Installation

Free Download

- SoftwareShelf (for Cummins employees)
- Website

Supported Adapters

- INLINE 6 USB (not sold any longer)
- INLINE 7
 - Has Wired/Wi-Fi/Bluetooth capability
 - Guidanz limited to USB and Bluetooth mode
 - Works with INSITE as well
- More information about Adapters

https://www.cummins.com/parts-and-service/digital-products-and-services/inline

- How to purchase adapters?
 - For Cummins internal employees (non-Distributor) go to Ariba, use non-catalog items and order the part using part number and enter MDC as the supplier
 - End users can contact their local Cummins distributor or purchase directly from <u>https://store.cummins.com/</u>

File Locations

Log Files

C:\Users\Public\Public Documents\Cummins\Guidanz\Logs

Exported Image and Template Files

C:\Users\Public\Public Documents\Cummins\Guidanz\Exports

DML Files

C:\Users\Public\Public Documents\Cummins\Guidanz\Events

General Usage

8

New Log-In Screen

Cummins Guidanz	- Ø
Sign on to Guidanz	Event Share Connection Monitor Relaad Search
Sign On Region	SELECT A SIGN ON METHOD
Current region: Cummins Global Change region	\searrow Email You are registered using an Email ID to access Cummins products and services. \rightarrow
Need Help? To create a new account <u>register now.</u>	Corporate You are a Cummins employee or have a Cummins issued User ID or WWID.
For credentials and subscription related issues please visit <u>Cummins Care</u> .	Legacy Email Cummins is undergoing User ID migration. Enter Email ID if you are facing sign-in issues with the Email ID option.

 All users need to have a valid Cummins user name and password. If not, users can click on the "register now" link or they can register at

https://mylogin.cummins.com/web/IAM_N ewRegistration?appid=a1a4N00000F2oKa

- Email login for user name in Email format
- Corporate login for users with a WWID
- Legacy Email login for which Email login does not work
- After successful Login users will need to set a PIN code and accept the EULA Terms and Conditions to land on Home page.

New Log-In Screen

Cummins Guidanz		- 6 X
Sign on to Guidanz		
Sign On Region	SELECT A SIGN ON METHOD	
Current region: Cummins Global Change region	Email You are registered using an Email ID to access Cummins products and services.	\rightarrow
Need Help? To create a new account register now,	Corporate You are a Cummins employee or have a Cummins issued User ID or WWID.	\rightarrow
For credentials and subscription related issues please visit <u>Cummins Care</u> .	Legacy Email Cummins is undergoing User ID migration. Enter Email ID if you are facing sign-in issues with the Email ID option.	\rightarrow

 If a user registered in China wants to log into the Guidanz Windows app, the user needs to change the region by clicking on the change link before login for authentication

Cummins Guidanz	- @ X
	■ ≪ № © Q , ··· Event Share Connection Monitor Reload Search
Sign on to Guidanz	
About Regions	SELECT YOUR SIGN ON REGION
Cummins maintains separate authentication services for different regions. It is important you select the right region in order to successfully sign on.	Cummins Global
	Cummins China
If your region on the username page does not match where your user account was registered, you may need to manually select the proper one.	
Ourrent Location	
United States	

PIN Creation

Create a PIN

To make it easier to unlock Guidanz, enter a Personal Identity Number.

		N I	-
μ	н	IN	-

Make sure your PIN is at least 6 digits long and not easily guessed. Avoid repeating digits and personal info like birthdates. Read more tips.

Confirm your PIN

Enter the same PIN again to confirm it.

PIN:		
Keep your PIN s	secret. Treat it like a password.	
	Continue	

- User is prompted to set a PIN code ٠ and then to confirm his/her entry
- New PIN security rules ٠
 - PIN must be at least 6 numbers • and can be up to 16 numbers long.
 - The PIN cannot be an entire sequence of numbers such as 123456 or 654321
 - The entire PIN cannot be a sequence that simply repeats two digits like 121212
 - You cannot repeat any single number 4 or more times, such as 000012
 - Try not to use easily guessed sequences of numbers such as your birthdate, address, or phone number

Subscription Expiration Notification



The app will display a notification of active subscriptions expiring within 14 days and expired subscriptions.

Subscription Management

Cummins Guidanz								e x
- Settings & Preferences	Event	Share	Conn	ection_N	fionitor	Reload	Searc	n
Subscription Management								
cg904								
All Active Subscriptions								
Full Service					Expir	ires in 291	128 days	\odot
Ask <u>Cummins Care</u> or your distributor about a subscription to the full version of Guidanz.								

Subscription Management

The user can see All Active Subscriptions

To access Subscription Management: Settings & Preferences \rightarrow Account Management \rightarrow Select the user under Profiles And Accounts \rightarrow Select the User \rightarrow Subscription Management

Home Page/Start Page

Cummins Guidanz						- 6
G Signed in as C	:g904					
Lock Application	n					
Analyze Equipment	History and Templates	pid Scan				
Guidanz Web						
Contact Cummi	ins					
Settings						
English (US)						

After logging in, user will see the Home page.

Note: When the user is on the Home Page/Start Page, the Guidanz Windows app is disconnected from the ECM.

Note: Features displayed on the Home page are dependent upon the user's subscription level.

14

Home Page/Start Page

Cummins Guidanz		– 8 ×
	■ ≪ ⇄ ⊖ Event Share Connection Monitor	r Reload Search
000000000000000000000000000000000000000		🛈 Start
Equipment Summary		년 Lock App
Equipment Dataplate		Contact Cummins
VIN: 000000000000000000000000000000000000		# Settings
Engine #1		∜ Share
Model: ISL9 CM2350 L101/L108/L109/L123B	Engine Serial Number: 74171043	14
Creater Retarder, Exhaust, Engine #1		\rightarrow
Model: no data	Serial Number: no data	

Another way to get to the Home page is by clicking on Menu → Start while performing any action at which time the Guidanz Windows app will be disconnected from the ECM.

Menu – Contact Cummins

Image: Signed in as Cg904 Image: Lock Application Image: Lock Application	
Analyze History and Equipment Rapid Scan Rapid Scan Se Guidanz Web	
Analyze History and Equipment Templates Image: Guidanz Web Rapid Scan	
Contact Cummins	
* Settings	
English (US)	

Allows user to call or email technical support.

On the Start page, click on Contact Cummins.

Cummins

Menu – Contact Cummins

Cummins Guidanz	- & ×
- Contact Cummins	tren, share cumeturun muntur kebab seatri
GET TECHNICAL SUPPORT (24/7/365)	FIND A LOCAL DEALER OR DISTRIBUTOR
Call 1-800-CUMMINS	To get service or advice on your equipment, contact your local Cummins service center, or call Cummins Care. Worldwide
Email ServiceToolSupport@Cummins.com	→ Cummins Global Locator locator.cummins.com →
Tool Support Website	\rightarrow U.S. and Canada (24/7/365)
Guidanz Windows Support	Cummins Care 1-800-CUMMINS

89	$\downarrow \uparrow \mho$	cummins Guidanz Support/Feedback - Message (HTML)	E	-	٥	×
File	Message Ins	rt Options Format Text Review Help Adobe PDF Q Tell me what you want to do				
Paste ▼ 🗳	Copy Format Painter	Calibri II A A' E E A B B B B B B B B Calibri Cal				
Clip	board 🕠	Basic Text 🕫 Names I Include Sensitivity i Adobe Document Cloud Tags rs i Voice Box My Templatesi				^
\triangleright	То	ServiceToolSupport@Cummins.com				
Send	Cc					
	Bcc					
	Subject	Cummins Guidanz Support/Feedback				

The following information will help us better diagnose your problem Make: Dell Inc. Model: Latitude 7490 System Type : 64-bit Operating System OS Version : Microsoft Windows 10 Enterprise 10.0.17763.0 Cummins Guidara v 1.4.0.116 Username : zx010 Date : 6 April 2021 Adapter: Cummins Inc. INLINE7 Firmware: 0.016230 Driver: 2.8.0.2 The email contains device details that will help the support personnel troubleshoot issues. This app does not

automatically attach a log file. The user will have to attach it manually from C:\Users\Public\Public Documents\Cummins\ Guidanz\Logs

Menu - Settings and Preferences

Cummins Guidan	z					- 8	×
CG Signed in as	cg904						
Cock Application	on						
Analyze Equipment	History and Templates	Rapid Scan					
🚱 Guidanz Web							
📞 Contact Cumm	nins						
★ Settings							
English (US)							

To access Settings and Preferences:

- On the Start page, click on the Settings button
- When connected, click on Menu → Settings

Cummins

Menu - Settings and Preferences

Cummins Guidanz	- 8
Settings & Preferences	
ACCOUNT	
Account Management cg904	\rightarrow
CONNECTIVITY	
Proxy Setup	
Direct connection (proxy is off)	\rightarrow
PREFERENCES	
Notifications	\rightarrow
Get Alerts when out of adapter range or calibrations complete	~
Language	\rightarrow
English (US)	/
Share Location in Email	
Coordinates of the mobile device or computer will be shared in all emails you send. Location on the mobile device or computer must be enabled, and Guidanz must be allowed to use location inform	nation.
Units of Measure	\rightarrow
U.S. Conventional	7
ABOUT	
Cummins Guidanz	
Version 1.4.0.111, Released Friday, March 05, 2021	\rightarrow
Terms of Service	\rightarrow
Privacy Policy	\rightarrow
Feedback	
Tell us what you think, or report a problem	\rightarrow

Allows user to change their Settings and Preferences in the Guidanz Windows app.

Connecting Adapter to Guidanz Windows



 When Analyze Equipment or Rapid Scan is selected, the tool will offer a list of supported adapters to connect to the ECM

Cummins

Connecting Adapter to Guidanz Windows

Cummins Guidanz

Datalink Adapters



Add a new USB adapter

Refer to the adapter manual, and install the drivers before attempting to connect.



Add a new Bluetooth adapter

Go to Windows settings to add a new Bluetooth connection.



Get help with adapters

Find out about Cummins INLINE adapters, troubleshooting issues, and get support. Inline support This is the screen with instructions for setting up and choosing your Datalink Adapter

Connecting Adapter to Guidanz Windows

Cummins Guidanz		
Datalink Adapters		Event shale Connection Monitor Network Sealch
Add a new USB adapter Refer to the adapter manual, and install the drivers before attempting to connect.	Connect to an existing datalink adapter AVAILABLE USB ADAPTERS	
Add a new Bluetooth adapter Go to <u>Windows settings</u> to add a new Bluetooth connection.	INLINE7, USB Plug in an INLINE7, USB adapter and click to connect	\rightarrow
Get help with adapters Find out about Cummins INLINE adapters, troubleshooting issues, and get support.	INLINE6,USB Plug in an INLINE6,USB adapter and click to connect	\rightarrow
Inline support	USB-Link 2 Plug in an USB-Link 2 adapter and click to connect	→
	PAIRED BLUETOOTH ADAPTERS	
	USBL2-0156_CG904 00:07:80:0d:6a:9d	Not Available
	(%)	Not Available
	CIL7_705_Ralph 00:07:80:a1:a2:84	Available
	Adapter that are "not available" may be out of range, in use by other connecting, make sure your adapter is powered on so the proper ligh	r computers or phones, or simply not found at all. If you are having trouble ts appear.

- The Guidanz Windows app will look for installed drivers on the user's machine.
- The Guidanz Windows app will offer a list of supported adapters to connect to the ECM with

Cummins

Share Button



 User can share the content of the screen via email

Connection Button



The connection tab in the header on each screen brings up a chyron drawer which allows a user to change adapter or disconnect from the adapter

Manual Refresh



- Separate refresh button named Reload
- Users can manually refresh by clicking on the Reload button

25

Service Features

Service Subscription

🗲 Cummins Guidanz 🗕 🗗
ZX Signed in as ZX010
Cock Application
Analyze History and Equipment Fistory and Equipment Rapid Scan
🚱 Guidanz Web
Contact Cummins
* Settings
B English (US)

 To check for Service functionalities, click on the Analyze Equipment button which will connect the user to the ECM.

Multi-Level Security

Cummins Guidanz	- <u>-</u>	×
	■ ≪ ⇄ ⊖ ℭ ♀ Event Share Connection Monitor Reload Search	
← 000000000000000 > Engine #1		
🔒 Unlock Device		
To calibrate engine you must enter the Master password.		
Master Password		•
Unlock \rightarrow		

Cummins Guidanz		- 8	×
	■ ≪ ≠ ●		
- 00000000000000000 > Engine #1	Event Share Connection Monitor	Reload Search	
🔒 Unlock Device			
Incorrect Password The password you entered was not recognized. Please try again.		e005	56
To calibrate engine you must enter the Master password.			
Master Password	•••••		0
Unlock \rightarrow			

If master password is set, user will be prompted for password.

Multi-Level Security

Cummins Guidanz			- & ×
		📄 ≪° ⇄ 💿 Event Share Connection Ma <u>ni</u>	l C Q tor Reload Search
← 00000000000000000 > Engine #1			🛈 Start
🖷 Engine #1			🚽 Dashboard
Engine Dataplate			氐 Lock App
Engine Dataplate Model: L9 CM2350 L123B	Engine Serial Number: 74171043		Unlock Device
Faults			Þ Manage Passwords
Tap to scan for faults			Contact Cummins
Data Monitor			🗱 Settings
U Pauseu 1 Seconds			Share
Tap to view/edit settings			\rightarrow
🛓 Calibrate Engine			
Installed ECM Code: EB90015.29			\rightarrow
New ECM Code Ready to Install EB90015.39			

User can also unlock the device by going to Menu → Unlock Device prior to installing the calibration.

Cummins

User Input Screens

Cummins Guidanz					– & ×
=			■ ≪ Event Share C	← ←	
Engine and Custome	r Information				
To give you accurate diagno:	tics data, first we need some information.				
Customer Name	Cummins	5			
Engine Serial Number	74171043 5				
Complaint or Other Notes	Optional				
Create ECM Image					
		Continue ->			

- When clicking on Analyze Equipment, user connects the adapter to the truck and pairs to the adapter via the app
- The app pulls up Engine Serial Number, and Customer Name from ECM, and the user can edit them if they are incorrect



User Input Screens

🗲 Cummins Guidanz			-	đ X	
					-
O AUTOCAR					
O BERGKAMP					
O BLUE BIRD					
O BMC					
O CLEAN HARBORS					
O DIVERSE ENG					
O DOOSAN					
O FREIGHTLINER					
O GILLIG					
O HSC					
O INTERNATIONAL					
O KAMAZ					
O KENWORTH					
O LINK BELT					
O NEOPLAN					
O NEW FLYER			F	rom ECM	
O NEW IDEA					
O NOVABUS					
O PETERBILT					
O PIERCE					
O PRINOTH					
O SPT					~

- Based on the confirmed ESN, the equipment make and model list is retrieved from the server.
- App pre-selects the data received from warranty data on the server and from the ECM if available, but the user has to make a selection.
- If there is no manufacturer list, it can be caused by:
 - No data based on the ESN provided
 - No Internet
 - Server issue

 $\frac{3}{31}$

User Input Screens

Cummins Guidanz	- 6
Pick the Equipment Model	
NEW FLYER Model	
O C40LF/C40LFR	
O D60LF	
O XCELSIOR	
O XD40	
O XD60	
O XDE40	
O XDE60	From ECM
O Other Model	

- Based on the confirmed ESN, the equipment make and model list is retrieved from the server.
- App pre-selects the data received from warranty data on the server and from the ECM if available, but the user has to make a selection.
- If there is no equipment model list, it can be caused by:
 - No data based on the ESN provided
 - No Internet
 - Server issue

ECM Image Creation

Cummins Guidanz	- 8 ×
	■ ≪ ⇄ ● Ć Ϙ ··· Event Share Connection Monitor Reload Search
Engine and Customer Information	
To give you accurate diagnostics data, first we need some information.	
Customer Name Cummins 5	
Engine Serial Number 74171043 5	
Complaint or Other Notes Optional	
· Optional	
Create ECM Image 🔽	_
Continue →	
Continue /	
Cummins Guidanz	- 8 ×
00000000000000000	
Creating ECM Image for System - 1 of 1 - Engine #1 - 1 out of 1	
4	
Step 2 of 3	
40%	
Reading Parameters	
Cancel	
!	
IMPORTANT Do not disconnect from the equipment, turn off the device or close the application until the process is complete.	

- During input, user can also select whether to create an initial ECM image by selecting or deselecting the checkbox.
- ECM images are created at the beginning and end of a connection to the ECM.
- During ECM image creation user can cancel out of ECM image creation by clicking on Cancel button.

33

Cummins

ECM Image Creation

Cummins Guidanz	× <mark></mark> = ··· ♀ ゔ ● ☆ ≫ ■
	Event Share Connection Monitor Reload Search
← Settings & Preferences	
Account Management	
PROFILES AND ACCOUNTS	
ZX Zx010 Active - CURRENT USER	\rightarrow
Add New User Profile Will log out this account. Lock the new account and use your PIN to re-enter.	\rightarrow
SERVICE INFO	
Create ECM Image Automatically creates an ECM Image on Connect and Disconnect of ECM.	
SLEEP	
- Keep Awake When the App is in the foreground, your mobile device or computer's dim, sleep and lock timers will be ignored, so you can keep working hands free.	×
LOCKING	
- Background Lock Automatically locks for security when running in the background after a short time.	
Background Lock Time Locks after 1 minute	\rightarrow
- Foreground Lock Automatically Locks for security when running in the foreground after a short time.	
Foreground Lock Time Locks after 1 minute	\rightarrow

 ECM image creation can also be enabled or disabled in Settings. Go to Settings & Preferences → Account Management and check or uncheck the Create ECM Image checkbox.

ECM Image Creation

Cummins Guidanz						-	e ×
ZX Signed in as Z	x010						
Lock Application	n						
Analyze Equipment	History and Templates	Rapid Scan					
😙 Guidanz Web							
Contact Cummi	ns						
✿ Settings							
🗈 English (US)							

1	Cummins Guidanz	_ & ×
Ξ		■ 📽 🗱 💿 C Q ··· Event Share Connection Monitor Reload Search
\leftarrow	-	
	Events	
	Sort order: Newest Event First *	
	Images View, share, delete, and create templates of ECM Images	\rightarrow
	Templates View list, delete, and apply templates to device modules	\rightarrow

Cummins Guidar				- 8
=			Eve	≪ ≈ ⊜ ୯ ۹
\leftarrow				
👘 Images				Sort order: Newest Image First \sim
Image Name	/ Date Device	Custom	er Name Service Mode	/ ESN
GI-20210405 04/05/21	42431-2147483648-144306540-000 Engine	#1 Cummin	ns L9 CM2350 L12 74171043	^{3B} →
GI-20210405 04/05/21	41838-2147483648 Engine	#1 Cummin	ns L9 CM2350 L12 74171043	^{3B} →
GI-20210405 04/05/21	41321-2147483648 Engine	#1 Cummin	us L9 CM2350 L12 74171043	^{3B} →
	41321-2147483648 Engine	#1 Cummin		3B

 ECM images are saved in the History and Templates folder which can be accessed through the Home screen.

Cummins | 35

Equipment Summary Screen

Cummins Guidanz		_ Ø
		■ «c ⇄ ⊜ Ć Ϙ ·· Event Share Connection Monitor Reload Search
00000000000000000		
Equipment Summary		
Equipment Dataplate VIN: 000000000000000000000000000000000000		\rightarrow
Engine #1 Model: ISL9 CM2350 L101/L108/L109/L123B	Engine Serial Number: 74171043	\rightarrow
Retarder, Exhaust, Engine #1 Model: <i>no data</i>	Serial Number: no data	\rightarrow

- The equipment summary screen will show (if available):
 - Equipment Dataplate
 - Cummins Engines
 - Engine #1
 - Public Cummins Devices
 - Other Devices


Equipment Dataplate

Cummins Guidanz	
	■ ≪ ≃ ⊝ C Q .
	Event Share Connection Monitor Reload Search
0000000000000000000	
Equipment Dataplate	
INFORMATION YOU ENTERED	
Customer Name	Cummins
Customer Notes	no data
Manufacturer	NEW FLYER
Service Model	XDE60
Change this information	\rightarrow
CUSTOMER INFORMATION	
Customer Location	Columbus
Customer Name	Cummins
Customer Unit Number	5432
VEHICLE/OEM INFORMATION	
Engine Distance	0.0 mi
OEM Name	NEW FLYER
OEM Vehicle or Equipment Model	XDE60
Vehicle Identification Number or Equipment Serial Number	000000000000000000000000000000000000000
Vehicle or Equipment Year	2017

- Equipment Dataplate can be accessed via the Equipment Summary Screen and Engine Dataplate
- It contains the information the user enters such as customer name, manufacturer, model, etc., as well as other information



Device Dashboard

Cummins Guidanz		- @ ×
≡		■ ≪ ⇄ ● C Q ··· Event Share Connection Monitor Reload Search
← 00000000000000000000 ≻ Engine #1		
🖦 Engine #1		
Engine Dataplate Model: L9 CM2350 L123B	Engine Serial Number: 74171043	\rightarrow
Faults Tap to scan for faults		\rightarrow
Data Monitor (1) Paused 1 Seconds		\rightarrow
Engine Settings Tap to view/edit settings		\rightarrow
Calibrate Engine Installed ECM Code: EB90015.39 Up to Date		\rightarrow
Diagnostic Tests Tap to perform tests		→
Tap to view images and use templates		\rightarrow
Audit Trail Tap to read audit trail		\rightarrow

- Clicking on a device on the Equipment Summary screen displays the device dashboard
- The device dashboard screen shows all the functionality that is available for that device

Engine Dataplate

Cummins Guidanz	_ @ ×
	■ ≪ ⇄ ● C Q ··· Event Share Connection Monitor Reload Search
← 00000000000000000 > Engine #1	
🔳 Engine Dataplate	
CALIBRATION	^
Calibration Software Phase	1F0C080F
Calibration Time/Date Stamp	Jan 23, 2018 at 10:39 AM Eastern Standard Time
DO Option	92433
ECM Code	EB90015.39
Other Options	Not Available
SC Option	99244
ECM	
ECM Name	CM2350A
ECM Part Number	5290170
ECM Serial Number	852
ENGINE INFORMATION FROM MODULE	
Engine Build Date	070717
Engine Make	СММИХ
Engine Model	6L u13D089000000
Engine Serial Number	74171043
Service Model	L9 CM2350 L123B
SYSTEM	
Advertised Power RPM	2000 rpm
Advertised Power at RPM	350 hp
Control Parts List	3664
Fuel Code	FP92246
Governed Speed	2200 rpm
Peak Torque RPM	
Peak Torque at RPM	1000 ft*lb
	\rightarrow

- Engine Dataplate can be accessed via the device dashboard
- It contains the information read from the ECM, such as ECM information, Calibration information and Equipment information

ECM Fault Screens

Cummins Guida	nz	<mark>נ</mark> ים _ פ ט פ ≒ ≫ ∎
≣		Event Share Connection Refresh Reload Search
	0000000 > Engine #1	
🔏 Faults a	nd Analysis	
PRIMARY FAULTS		
<u>451</u>	Injector Metering Rail 1 Pressure Sensor Circuit	
	Voltage Above Normal or Shorted to High Source	\rightarrow
	1 Count Count Active	
<u>272</u>	Engine Fuel Pump Pressurizing Assembly 1 Circuit	
	Voltage Above Normal or Shorted to High Source	\rightarrow
	1 Count Count Active	
<u>2272</u>	EGR Valve Position Circuit	
	Voltage Below Normal or Shorted to Low Source	\rightarrow
	1 Count Count Active	
<u>483</u>	Injector Metering Rail 2 Pressure Sensor Circuit	
	Voltage Above Normal or Shorted to High Source	\rightarrow
	1 Count Count Active	
<u>2274</u>	Exhaust Gas Recirculation Differential Pressure Sensor Circuit	
	Voltage Below Normal or Shorted to Low Source	\rightarrow
	1 Count Count Active	
<u>123</u>	Intake Manifold 1 Pressure Sensor Circuit	
	Voltage Below Normal or Shorted to Low Source	\rightarrow
	1 Count Count Active	
<u>222</u>	Barometric Pressure Sensor Circuit	
	Voltage Below Normal or Shorted to Low Source	\rightarrow
	1 Count Count Active	
<u>3539</u>	Engine Intake Throttle Actuator Position Sensor Circuit	
	Voltage Above Normal or Shorted to High Source	\rightarrow
		\rightarrow

 Clicking on Faults on the ECM Device Dashboard displays the Faults and Analysis screen with primary faults, unprioritized faults, and related faults

> **40** 40

Cummins

ECM Fault Screens

Cummins Gui	idanz		_ e >
≡			ा ≪ स्टे © ८ २ ••• Event Share Connection Monitor Reload Search
- 00000000000	000000000> Engine #1		
🕰 Fault 🛙	Details: 451 ∨		Previous 1 of 30 Next >
<u>451</u>	Injector Metering Rail 1 Pressure Sensor Circuit		
	Voltage Above Normal or Shorted to High Source		
FAULT INFORM	IATION		
1	Count		
	Active		
157	SPN		
3	FMI		
003011:41:	:47 ECM Time (Key On Time) (h:m:s)		
000121:02:	:38 Engine Hours (h:m:s)		
0	Keyoffs		
Parameter		First	Last
Aftertreatment	Diesel Exhaust Fluid Dosing Unit State	Initializing	Initializing
Aftertreatment	Diesel Exhaust Fluid Dosing Valve Commanded Position	Closed	Closed
Aftertreatment	Diesel Exhaust Fluid Pressure(psi)	-14.5	-14.5
Aftertreatment	Diesel Exhaust Fluid Tank Heating Valve Position Commanded	Closed	Closed
Aftertreatment	Diesel Exhaust Fluid Tank Level(Percent)	0	0
Aftertreatment	Diesel Exhaust Fluid Tank Temperature(°F)	-58	-58
Aftertreatment	Diesel Oxidation Catalyst Intake Temperature(°F)	32.0	32.0
Aftertreatment	Diesel Particulate Filter Differential Pressure(InHg)	-0.32	-0.32
Aftertreatment	Diesel Particulate Filter Intake Temperature(°F)	32.0	32.0
Aftertreatment	Diesel Particulate Filter Operating State	Inactive	Inactive
Aftertreatment	Diesel Particulate Filter Outlet Pressure(InHg)	-1.84	-1.84
Aftertreatment	Diesel Particulate Filter Outlet Temperature(°F)	32.0	32.0

 Clicking on an individual Cummins fault code displays the Fault Details and, if supported, the fault snapshot

ECM Fault Screens

🗿 Files - OneDrive 🚺 INSIT	TE wiki 🕘 C2ST Production - WebUtil 🔤 All Files Powered By	Box 🚯 Customer Solutions Orga 🚯 EBU Electronic Service To 🥏 Sign in The AME Group	ාරු Contact Us
	Injector Metering Rai	I 1 Pressure Sensor Circuit - Voltage Above Normal o	r Shorted to High Source
verview			
	Codes Fault Code: 451	Reason	Effect
PID(P): P157 SPN: 157 FMI: 3/3 Lamp: Amber SRT:	Fault Code. 401	High signal voltage detected at the fuel rail pressure sensor circuit.	Progressive power and/or speed derate increasing in severity from time of alert. If the Engine Protection Shutdown feature is enabled, the engine will shut down 30 seconds after the red STOP lamp starts flashing.

 Clicking on a fault code number will open the respective Fault Information System (FIS) file in a web browser

v

Circuit Description

The engine control module (FCM) provides a 5 volt supply to the fuel rail pressure sensor using a dedicated sensor supply circuit. The FCM also provides a ground on the sensor return circuit. The fuel rail pressure sensor

LARGE Injector Metering Rail 1 Pressure Sensor Circuit

Cummins

Clear Fault Codes

Cummins Guida	nz	- 8 ×
=	■ ペ 굳 Event Share Connection Re	▶ C Q Itesh Reload Search
$\leftarrow $ 00000000000	00000000 > Engine #1	O Start
🔏 Faults a	nd Analysis	星 Dashboard
PRIMARY FAULTS		🕒 Lock App
<u>451</u>	Injector Metering Rail 1 Pressure Sensor Circuit	Unlock Device
	Voltage Above Normal or Shorted to High Source	🗭 Manage Passwords
	1 Count Active	📞 Contact Cummins
272	Engine Fuel Pump Pressurizing Assembly 1 Circuit	* Settings
	Voltage Above Normal or Shorted to High Source	📋 Clear All Faults
	1 Count Count Active	📽 Share
2272	EGR Valve Position Circuit	
	Voltage Below Normal or Shorted to Low Source	\rightarrow
	1 Count Count Active	

Clear All Faults Codes?

Confirm you want to clear all fault codes on Engine #1.

This cannot be undone, and will take about two minutes to complete.

Leave the equipment powered on during this process.

Clear Cancel

- To clear fault codes, click on the right-hand top Menu option and select Clear All Faults
- After user confirms to Clear All Faults Codes, app continues to Key Off/Key On process
- At the end of the process, app confirms Faults cleared successfully
- If user Cancels, no faults will be cleared



Data Monitor Logging (DML)

Cummins Guidanz	- @ ×
	■ << << ○ ○ ○ ○ ··· Event Share Connection Monitor Reload Search
$\leftarrow $ 00000000000000000000 > Engine #1	
🖂 Data Monitor	
Manage Groups	
▲ FAVORITES	
Manage Groups to add your favorites	
CUSTOM GROUPS	
Manage Groups to create custom groups	
▲ PRE-DEFINED GROUPS	
Monitor	\rightarrow
Aftertreatment	→
Aftertreatment - Diesel Particulate Filter	\rightarrow
Aftertreatment - Diesel Particulate Filter Stationary Regeneration	\rightarrow
Aftertreatment - SCR	\rightarrow
Driver Operation Interlock	\rightarrow
ECM Information	\rightarrow
EGR and Turbocharger Performance	\rightarrow
Engine Braking	\rightarrow
Engine Protection	\rightarrow
Hard Start	\rightarrow
Lamps	\rightarrow
Low Power/Fuel Economy	\rightarrow
Relays	\rightarrow
Sensors	\rightarrow
Stop Start	\rightarrow

- Clicking on Data Monitor on the ECM Device Dashboard takes the user to the Data Monitoring screen which allows the user to monitor and record parameters
- When clicking on Monitor the user can monitor all parameters while ECM is running

Data Monitor Logging (DML)

🗲 Cummins Guidanz		- @ ×
		ा ि स्थित स्थ Event Share Connectio Monitor Reload Search
← 00000000000000000 > Engine #1		Data Monitoring
🖂 Data Monitor		
Monitor		
Parameter	Current Value	N Monitoring Record Pause
Accelerator Pedal Or Lever Position Sensor 2 Signal Voltage (V)	3.69	3.6
Accelerator Pedal Or Lever Position Sensor 2 Supply Voltage (V)	5.01	5.0 [.] Pause to change monitor speed.
Accelerator Pedal or Lever Position Sensor Signal Voltage (V)	3.69	3.6 Display or record every:
Accelerator Pedal or Lever Position Sensor Supply Voltage (V)	5.02	5.0
Active Accelerator Type	Dual Analog	Seconds
Aftertreatment Diesel Exhaust Fluid Dosing Unit Heater State	Initializing	
Aftertreatment Diesel Exhaust Fluid Dosing Unit State	Initializing	$Save \rightarrow$
Aftertreatment Diesel Exhaust Fluid Dosing Valve Commanded Position	Closed	Minimum speed is automatically set based on
Aftertreatment Diesel Exhaust Fluid Lamp Status	On	parameters and connection.
Aftertreatment Diesel Exhaust Fluid Line Heater 1 Status	Off	∧ Close

- When clicking on the green button, the Data Monitoring control screen is opened
- The user can start and pause (stop) DML and change the time settings
- When clicking on the Record button the user can record the parameters
- While recording, each time the user clicks the Pause button or leaves the DML screen a record file is created and stored.



Data Monitor Logging (DML)

Cummins Guidanz	- Ø 3
≡	■ ペ 祥 ● C Q ・・ Event Share Connection Monitor Reload Search
☐ Create New Group	
Parameter Group Name	
Accelerator Pedal Or Lever Position Sensor 2 Signal Voltage	
Accelerator Pedal Or Lever Position Sensor 2 Supply Voltage	
Accelerator Pedal or Lever Position Sensor Signal Voltage	
Accelerator Pedal or Lever Position Sensor Supply Voltage	
Active Accelerator Type	
Aftertreatment Diesel Exhaust Fluid Dosing Temperature	
Aftertreatment Diesel Exhaust Fluid Dosing Unit Heater State	
Aftertreatment Diesel Exhaust Fluid Dosing Unit Heater Temperature	
Aftertreatment Diesel Exhaust Fluid Dosing Unit State	
Aftertreatment Diesel Exhaust Fluid Dosing Valve Commanded Position	
Aftertreatment Diesel Exhaust Fluid Lamp Status	
Aftertreatment Diesel Exhaust Fluid Line Heater 1 Status	
Aftertreatment Diesel Exhaust Fluid Line Heater 2 Status	
Aftertreatment Diesel Exhaust Fluid Line Heater 3 Status	
Aftertreatment Diesel Exhaust Fluid Pressure	
Aftertreatment Diesel Exhaust Fluid Pressure Sensor Voltage	
Aftertreatment Diesel Exhaust Fluid Quality	
Aftertreatment Diesel Exhaust Fluid Reverting Valve Position	
Aftertreatment Diesel Exhaust Fluid Tank Heating Valve Position Commanded	
ම Save	• Monitor

- A user can use pre-defined groups with pre-defined parameters to monitor or record
- A user can create and save a new custom group with parameters user selects (the parameters that are not currently supported are grayed out)
- A user can add custom or pre-defined groups to Favorites

Engine Settings

Cummins Guidanz		- @ ×
	🗎 ≪ Event Share	Connection Monitor Reload Search
0000000000000000> Engine #1		
🐼 Engine Settings		
System ID and Dataplate		\rightarrow
Accelerator Interlock		Disable 🗡
Accelerator Options	E Locked	Enable >
Adjustable Low Idle Speed	Locked	Enable →
Aftertreatment		\rightarrow
Air Shut Off Valve		$Disable \lor$
Alternator Failure Warning		$\boxed{Enable} \checkmark \rightarrow$
Battery Power Required Lamp		Disable ~
Clutch Pedal Position Switch		Not Installed \checkmark
Cruise Control		$\boxed{Enable} \checkmark \rightarrow$
Cruise Control and Engine Brake Interaction	E Locked	Disable
Cruise Control Switch Setup		\rightarrow
Electrical System Voltage		\rightarrow
Engine Brake Control		Disable 🗡
Engine Coolant Level Sensor	Locked	Installed

- Clicking on Engine Settings on the ECM Device Dashboard the user is taken to the Engine Settings screen where the user can see the values of each parameter.
- User can view and edit System ID and Dataplate settings by clicking on System ID and Dataplate in the Engine Settings screen

Cummins

Engine Settings

Cummins Guidanz	•	נ ⊡ _ ···· ט ט ⇔ ≒ ≫
E 0000000000000000000 > Engine #1	Event	Share Connection Monitor Reload Search
A Engine Settings		
View and Save changes		
System ID and Dataplate		→
Accelerator Interlock		$\begin{array}{c} Enable \searrow \\ Previously Disable \end{array} \rightarrow$
Accelerator Options	Locked	Enable \rightarrow
Adjustable Low Idle Speed	Locked	Enable →
Aftertreatment		\rightarrow
Air Shut Off Valve		Disable \checkmark
Alternator Failure Warning		$\boxed{Enable \lor} \rightarrow$
Battery Power Required Lamp		Disable 🗸
Clutch Pedal Position Switch		Not Installed \checkmark
Cruise Control		$\boxed{Enable} \checkmark \rightarrow$
Cruise Control and Engine Brake Interaction	e Locked	Disable
Cruise Control Switch Setup		\rightarrow
Electrical System Voltage		\rightarrow
Engine Brake Control		Disable 🗡



- User can search the Engine Settings parameter list
- User can change parameter and subparameter values that are not locked by changing the value within the specified min and max values

Engine Settings

Cummins Guidanz Image: Cummins Guidanz <	- 8
Event Share C Save Engine Settings C	≠ ⊜ ℃ ♀
🐼 Save Engine Settings	Connection Monitor Reload Search
Save Changes	
	Discard all Changes
ACCELERATOR INTERLOCK	Enable
	Previously Disable
CRUISE CONTROL	Disable
	Previously Enable

🗧 Cummins Guidanz	_ & ×
≡	■ ≪ ⇄ ⊖ C Q ··· Event Share Connection Monitor Reload Search
← 0000000000000000 > Engine #1	
🐵 Engine Settings	
All 2 changes saved successfully.	
System ID and Dataplate	\rightarrow
Accelerator Interlock	$\boxed{Enable} \checkmark \rightarrow$

- After user confirms the changes, user can save changes
- Changes are written to ECM by going through Key Off/Key On process
- At the end of the process, saved changes are confirmed
- If you move away from the screen without saving, the changes will be discarded

Calibrate Engine

Cummins Guidanz			- 8 ×
≡		Event	≪ ⇄ ⊙ C Q ··· Share Connection Monitor Reload Search
← 0000000000000000000 > Engine #1		Lyen	
👗 Engine Calibration			
EB90015.29		See details	\rightarrow
New ECM Code Available	EB90015.39		\rightarrow
Download ECM Code 🛛			
Cummins Guidanz			- @ ×
=		Even	≪
0000000000000000000 > Engine #1			
👗 Engine Calibration			
EB90015.39 Installed ECM Code		See details	\rightarrow
Up to Date No new ECM code to install			

 The Calibrate Engine feature on the ECM Device Dashboard will display to the user whether the installed ECM code is up to date or whether there is a new revision of the ECM code available.

Calibrate Engine

Cummins Guida	nz			_ 8 ×
=				■ ≪ 2 ● C Q ···· Event Share Connection Monitor Reload Search
- 0000000000000000000000000000000000000	00000000 > Engine #1			
📥 Engine (Calibration			
EB90015.29	Installed ECM Code		See details	\rightarrow
Ģ	New ECM Code Available	EB90015.39		\rightarrow
Downloa	ad ECM Code 🛛 🗸			

 If there is a new ECM code available, and the user clicks on the Calibrate Engine feature on the ECM Device Dashboard, the user will be taken through the process to upgrade to the latest ECM code revision.

Cummins Guidanz					-	- 8	×
	Event	≪ Sha	; ire Co	≓ nnection	C Reload	Q Search	
← 000000000000000 > Engine #1							
🕄 Diagnostic Tests							
₩ Manage Test List							
✓ FAVORITES							^
Aftertreatment Diesel Exhaust Fluid Pump Heater Test							\rightarrow
Aftertreatment Diesel Exhaust Fluid System Leak Test							\rightarrow
Aftertreatment Diesel Particulate Filter Regeneration Test							\rightarrow
Cylinder Cutout Test							\rightarrow
Diesel Exhaust Fluid Doser Pump Override Test							\rightarrow
Diesel Exhaust Fluid Doser System Heater Test							\rightarrow
Electric Fuel Lift Pump Override Test							\rightarrow
Engine State Monitor							\rightarrow
Fan Override Test							\rightarrow
Fast Idle Warmup Test							\rightarrow
Fuel Injector Performance Test							\rightarrow
Fuel System Leakage Test							\rightarrow
Intake Air Heater Override							\rightarrow
SAE J1939 Datalink Control Test							\rightarrow
Setup for Dynamometer							\rightarrow
Starter Lockout Relay Driver Override Test							\rightarrow
Switch and Sensor Intermittent Connection test							\rightarrow
VGT Electronic Actuator Install and Calibration							\rightarrow
VGT Hysteresis Test							\rightarrow

 Clicking on **Diagnostic Tests** on the ECM **Device Dashboard** the user is taken to the Diagnostic Tests screen where the user can see all the diagnostic tests implemented in the Guidanz Windows app and supported by the calibration.

Cummins Guidanz		– 8 ×
≡		ा ि ् दें । स्टे । ा ि । टे । २ । Event Share Connection Monitor Reload Search
(0000000000000000000000000000000000000	000000 ∑ Engine #1	
🔋 Diagnosti	c Tests	
Cylinder Cutou	Test	
This test is used to	cutout cylinders for troubleshooting cylinder misfires.	^
4. Engine Coolant 1 Steps 1. Press the Start b 2. Select Cylinder(s 3. Monitor engine I 4. Press the Stop b Additional Informa 1. If vehicle speed i	d in the ON position emperature greater than 140 degrees F (60 degrees C) utton to begin the test to cutout reaction and record data utton to end the test	
CUTOUT CYLINDER		Restore All 🕥
Cylinder 1 Cylinder 2 Cylinder 3 Cylinder 4 Cylinder 5 Cylinder 6		
ENGINE STATISTICS		
ENGINE STATISTICS	t is running	

- When clicking on a specific diagnostic test in the Diagnostic Tests screen the user is taken to the selected diagnostic test with instructions, possibly indicators with check boxes, and the status box.
- The user should follow the pre-conditions outlined in the Instructions section before trying to start any diagnostic test in order to avoid any issues with starting or running the diagnostic test.

Cummins Guidanz	× ⁵ = ♀ ゔ ● ≒ ≫ ■
≡	Event Share Connection Monitor Reload Search
\leftarrow 0000000000000000 $>$ Engine #1	
🔋 Diagnostic Tests	
Cylinder Cutout Test	
This test is used to cutout cylinders for troubleshooting cylinder misfires.	^
∧ INSTRUCTIONS	
Initial Conditions: 1. Engine running 2. Air Conditioning off 3. Engine Face ladved in the CN position	
B. Engine Fan locked in the ON position 4. Engine Coolant Temperature greater than 140 degrees F (60 degrees C)	
Steps 1. Press the Start button to begin the test 2. Select Cylinder(s) to cutout 3. Monitor engine reaction and record data 4. Press the Stop button to end the test	
Additional Information 1. If vehicle speed is greater than zero, only one cylinder can be cutout at a time. 2. If the engine stalls or communication is lost with the ECM during the test, the Key Switch must be cycled to restore cylinder(s).	
CUTOUT CYLINDERS	Restore All 🕥
Cylinder 1	_
Cylinder 2	-
Cylinder 3	-
Cylinder 4	-
Cylinder 5	-
Cylinder 6	-
ENGINE STATISTICS	
will display when test is running	
Status Pop out ②	
Start Test O Stop Test	Pop out status 🞜

 The user can Start and Stop the test using the buttons located at the bottom left of the test.



Cummins Guidanz		_ ♂ × ♡ ○ ○ ○ ○ ○ ○
		Event Share Connection Monitor Reload Search
← 0000000000000000000000 > Engine #1		
Diagnostic Tests		
Cylinder Cutout Test		
This test is used to cutout cylinders for trop	ubleshooting cylinder misfires.	
✓ INSTRUCTIONS	Test Status	
CUTOUT CYLINDERS	Cylinder Cutout Test	Restore All 🕥
Cylinder 1	-	
Cylinder 2	The engine must be running before starting this test.	•
Cylinder 3		•
Cylinder 4		
Cylinder 5 Cylinder 6		
ENGINE STATISTICS	Close	
will display when test is running		
Stati s Pop out 🔎		The engine must be running before starting this test.
Start Test O Stop Test		Pop out status ^{"D}

- The Status box displays the diagnostic test status.
- In order for the user to better monitor the test progress during the diagnostic session, a user can pop out the Status box either by clicking on the pop out icon next to Status or on the Pop out status icon on the right hand bottom of the screen.

Cummins Guidanz				– <i>-</i> ×
			🔳 < स्ट 👄 C Event Share Connection Monitor Reloa	Q ··· d Search
000000000000000000000 > Engine #1				
📅 Images			Sort order: Newest Imag	ge First \checkmark
Image Name / Date	Device	Customer Name	Service Model / ESN	
GI-20210406-104530-2147483648 04/06/21	Engine #1	Cummins	L9 CM2350 L123B 74171043	\rightarrow
GI-20210405-143622-2147483648-106229720-000 04/05/21	Engine #1	Cummins	L9 CM2350 L123B 74171043	\rightarrow
GI-20210405-143455-2147483648 04/05/21	Engine #1	Cummins	L9 CM2350 L123B 74171043	\rightarrow
GI-20210405-142431-2147483648-144306540-000 04/05/21	Engine #1	Cummins	L9 CM2350 L123B 74171043	\rightarrow
GI-20210405-141838-2147483648 04/05/21	Engine #1	Cummins	L9 CM2350 L123B 74171043	\rightarrow
GI-20210405-141321-2147483648 04/05/21	Engine #1	Cummins	L9 CM2350 L123B 74171043	\rightarrow
	000000000000000000000000000000000000	O0000000000000000 Engine #1 Images Images Image Name / Date Device GI-20210406-104530-2147483648 Engine #1 04/06/21 Engine #1 GI-20210405-143622-2147483648-106229720-000 Engine #1 GI-20210405-143455-2147483648 Engine #1 GI-20210405-143455-2147483648 Engine #1 GI-20210405-142431-2147483648-144306540-000 Engine #1 GI-20210405-141838-2147483648 Engine #1 GI-20210405-141838-2147483648 Engine #1	O00000000000000 Engine #1 Images Image Name / Date Device Customer Name GI-20210406-104530-2147483648 Engine #1 Cummins gGI-20210405-143622-2147483648-106229720-000 Engine #1 Cummins gGI-20210405-143622-2147483648-106229720-000 Engine #1 Cummins gGI-20210405-143455-2147483648-106229720-000 Engine #1 Cummins gGI-20210405-143455-2147483648 Engine #1 Cummins gGI-20210405-143455-2147483648 Engine #1 Cummins gGI-20210405-143455-2147483648 Engine #1 Cummins gGI-20210405-141838-2147483648 Engine #1 Cummins gGI-20210405-141838-2147483648 Engine #1 Cummins gGI-20210405-141838-2147483648 Engine #1 Cummins	Images Sort order: Newest Image Image Name / Date Device Customer Name Service Model / ESN I Gl-20210406-104530-2147483648 Engine #1 Cummins L9 CM2350 L1238 74171043 Cummins I Gl-20210400-1443622-2147483648-106229720-000 Engine #1 Cummins L9 CM2350 L1238 74171043 Cummins I Gl-20210405-143652-2147483648-106229720-000 Engine #1 Cummins L9 CM2350 L1238 74171043 Cummins I Gl-20210405-143652-2147483648 Engine #1 Cummins L9 CM2350 L1238 74171043 Cummins I Gl-20210405-142431-2147483648-144306540-000 Engine #1 Cummins L9 CM2350 L1238 74171043 Cummins I Gl-20210405-142431-2147483648 Engine #1 Cummins L9 CM2350 L1238 74171043 Cummins L9 CM2350 L1238 74171043 I Gl-20210405-1418321-2147483648 Engine #1 Cummins L9 CM2350 L1238 74171043 Cummins L9 CM2350 L1238 74171043 I Gl-20210405-141821-2147483648 Engine #1 Cummins L9 CM2350 L1238 74171043 L9 CM2350 L1238



- Clicking on Images & Templates on the ECM Device Dashboard the user is taken to the Images and Templates screen where the user can manage available Images or Templates
- Clicking on Images shows all captured images for the connected ESN
- User can also search the Images or change the Sort order

Cummins

Cummins Guidanz			– ♂ × ■ °°° २२ ⊙ ℃ Q, ··· Event Share Connection Monitor Reload Search
← 000000000000000000000000000000000000			
📅 Images			Sort order: Newest Image First \sim
Image Name / Date	Device	Customer Name	Service Model / ESN
5I-20210406-104530-2147483648)4/06/21	Engine #1	Cummins	L9 CM2350 L123B 74171043 →
GI-20210405-143622-2147483648-106229720-000 04/05/21	Engine #1	Cummins	L9 CM2350 L123B 74171043 →
GI-20210405-143455-2147483648 04/05/21	Engine #1	File Options	L9 CM2350 L123B 74171043 →
GI-20210405-142431-2147483648-144306540-000 04/05/21	Engine #1	GI-20210406-104530-2147483648 Saved On Apr 06, 2021 at 10:45:31 AM	L9 CM2350 L1238 74171043 →
GI-20210405-141838-2147483648 04/05/21	Engine #1	Convert to Template Share image summary text via email	L9 CM2350 L1238 74171043 →
GI-20210405-141321-2147483648 04/05/21	Engine #1	Export image (EIF) file	L9 CM2350 L1238 74171043 →
		Delete file After exporting the file, a link will be provided so you can view it, or manually attach to an email. Cancel	

Disconnect from Engine #1?

Connecting to this image will disconnect from Engine #1.

Cancel Disconnect

- Clicking on the three dots on the left-hand side of the ECM image allows the user to Convert to Template, Share EIF File, and Delete File
- Clicking on an image allows the user to connect to the ECM image which disconnects the user from Engine #1

57

Cummins

Cummins Guidanz				- @ ×
			■ ≪ 袂 Event Share Connection M	
🔶 🖬 Create Template				
Template			GT-202	10406-132549
Created By			G	uidanz 1.4.0.116
Customer Name				Cummins
Engine Serial Number				74171043
Template Notes				
		Create Template \rightarrow		
Cummins Guidanz				- 8 ×
			■ ≪ 袂 Event Share Connection M	■ C Q ···· Ionitor Reload Search
\leftarrow				
😭 Templates			Sort order: Newes	t Template First \smallsetminus
✓ New Template Created				
Template Name	Device	Customer Name	From / Notes	
GT-20210406-132549	Engine #1	Cummins	GI-20210406-104530-2147483648	

 When user selects to convert image to template, user can change template name and enter template notes

Cummins Guidanz E Cummins Guidanz Cummins Guidan			– ♂ × ■ ≪ ∓÷ ⊙ Ć Q ··· Event Share Connection Monitor Reload Search
🐡 Images			Sort order: Newest Image First \sim
Image Name / Date	Device	Customer Name	Service Model / ESN
51-20210406-104530-2147483648 14/06/21	Engine #1	Cummins	L9 CM2350 L1238
GI-20210405-143622-2147483648-106229720-000 04/05/21	Engine #1	Cummins	L9 CM2350 L1238 74171043 →
GI-20210405-143455-2147483648 04/05/21	Engine #1	File Options	L9 CM2350 L1238 74171043 →
GI-20210405-142431-2147483648-144306540-000 04/05/21	Engine #1	GI-20210406-104530-2147483648 Saved On Apr 06, 2021 at 10:45:31 AM	L9 CM2350 L1238 74171043 →
GI-20210405-141838-2147483648 04/05/21	Engine #1	 Convert to Template Share image summary text via email 	L9 CM2350 L1238 74171043 →
GI-20210405-141321-2147483648 04/05/21	Engine #1	Export image (EIF) file Delete file	L9 CM2350 L1238 74171043 →
		After exporting the file, a link will be provided so you can view it, or manually attach to an email.	

- To send an image to another user, in History and Templates click on Images
- Go to the image user wants to share
- Click on the three dots to the left of the image
- Select Export image (EIF) File

4	Cummins Guidanz			_ @ ×
				■ ≪ ≫ ⊙ ⊄ ⊶
_				Event Share Connection Monitor Reload Search
\leftarrow				
	📴 Images			Sort order: Newest Image First \sim
	The image export file GI-20210406-142755-2147483648 It can be found in <u>C:\Users\Public\Documents\Cummins</u>			
_	Image Name / Date	Device	Customer Name	Service Model / ESN
	GI-20210406-142755-2147483648-919270092-000 04/06/21	Engine #1	Cummins	L9 CM2350 L123B 74171043 →

- Click the Export image (EIF) File link after successful export
- Select the exported image file you want to send and manually email to another user
- This same process applies to Templates



- To import an image into Guidanz Windows app, save the image in .eif format to your Desktop (or any other specified folder)
- Right-click on the image in .eif format
- Select Open with
- Unless Guidanz
 Windows app is your default app, select
 Choose another app

How do you want to open this file?		
Keep using this app		
INSITE® Service Diagnostic Program		
Other options		
GuidanzPSE.WPF		
Look for an app in the Microsoft Store		
More apps ↓		
Always use this app to open .eif files		
ОК		

- Locate and select the GuidanzPSE.WFP application
- Click on OK

Cummins Guidanz	- 8
	Event Share Connection Monitor Reload Search
Image Import	
Click continue to import the image, or cancel to abort and continue using Guidanz.	
Cancel	Import \rightarrow
Cummins Guidanz	- 8
	Event Share Connection Monitor Reload Search
🐨 Image Properties	
B ^P Intage Floperities ECM Image	GI-20210405-164148095-01-000
Created By	Guidanz 4.6.0.227
Customer Name	Customer Name**
Engine Serial Number	74053160
- Equipment	000000000000000000000000000000000000000
Service Model	ISX12 CM2350 X102/X103/X108/ISX15 CM2350 X101/X104/X109
Image Type	INITIAL_IMAGE
Unit Number	000000000
Odometer	
Technician Notes	
Event Number	WO-20210405-163535
Job Order	
Immediate Assessment	

- The user is then asked to Import
- The user can change the ECM Image name and add Technician Notes

63 63

Cummins

Cummins Guidanz				- 6
			📄 🥞 🗮 💿 Event Share Connection Monitor F	C Q • Reload Search
🕈 Images			Sort order: Newest In	nage First X
Image imported successfully. If you	are connected to a module, your	image may not appear below. You may disconnect	to view the full list of images.	
Image imported successfully. If you	are connected to a module, your	image may not appear below. You may disconnect :	to view the full list of images.	
Image imported successfully. If you Image Name / Date	are connected to a module, your Device	image may not appear below. You may disconnect Customer Name	to view the full list of images. Service Model / ESN	
Image Name / Date		Customer Name	Service Model / ESN	
Image Name / Date GI-20210405-164148095-01-000 04/09/21	Device	Customer Name Customer Name**	Service Model / ESN B6.7 CM2350 B121B	
Image Name / Date GI-20210405-164148095-01-000		Customer Name	Service Model / ESN B6.7 CM2350 B121B	→ →

 The user gets notified that the image imported successfully

Audit Trail

Cummins Guidanz		- @ ×			
=	ा ि 📽 ⇄ 💿 Ć Event Share Connection Monitor Reload	Search			
$\leftarrow \mid$ 0000000000000000000000 $>$ Engine #1	0000000000000000000000 > Engine #1				
🙉 Audit Trail					
Tool Name	ECM Time (hours)	User ID			
1 INSITE	3038:55:23	0000BC3DA57D	\rightarrow		
2 INSITE	3034:28:00	0000BC3DA57D	\rightarrow		
3 CALTERM	3033:50:02	00009376F665	\rightarrow		
4 INSITE	3033:38:15	0000BC3DA57D	\rightarrow		
5 INSITE	3017:29:26	0000BC3DA57D	\rightarrow		
6 GUIDANZ	3013:12:29	006367393034	\rightarrow		
7 GUIDANZ	3013:11:42	00000000000	\rightarrow		
8 CALTERM	3012:50:34	00009376F665	\rightarrow		

 Clicking on Audit Trail on the ECM Device Dashboard the user is taken to the Audit Trail screen where the user can see the audit trail of the connected ECM



Audit Trail

- 8 ×
Event Share Connection Monitor Reload Search
<pre> Previous 1 of 8 Next > </pre>
INSITE
8.7.1.93
0000BC3DA57D
3038:55:23
Not Set
Multi-Level ECM Security
Vehicle Anti-Theft Protection
ECM Password Removal Tool Used

 Clicking on one of the Audit Trail records will give detailed information on the tool used and the changes made to the connected ECM

History and Templates (Event Folder)

🗲 Cummins Guidanz	- 8 ×
	■ ≪ ₩ ● C Q ··· Event Share Connection Monitor Reload Search
\leftarrow	
Events	
Sort order: Newest Event First *	
View, share, delete, and create templates of ECM Images	\rightarrow
Templates View list, delete, and apply templates to device modules	\rightarrow
WO-20210406-144519 Equipment 00000000000000000 04/06/21	\rightarrow
WO-20210406-140733 Equipment 000000000000000000 04/06/21	\rightarrow
WO-20210406-140628 Equipment 0000000000000000 04/06/21	\rightarrow
WO-20210406-140400 Equipment Equipment 04/06/21	\rightarrow
WO-20210406-104318 Equipment 00000000000000000 04/06/21	\rightarrow
WO-20210406-092145 Equipment 0000000000000000 04/06/21	\rightarrow
WO-20210406-081326 Equipment 00000000000000000 04/06/21	\rightarrow
WO-20210405-143448 Equipment 00000000000000000 04/05/21	\rightarrow
WO-20210405-141643 Equipment 00000000000000000 04/05/21	\rightarrow
WO-20210405-141134 Equipment 0000000000000000 04/05/21	\rightarrow

User can access the History and Templates folder from the Home screen. The user can go to History and Templates and find

- ECM Images
- Templates

In each work order, user can find

- ECM Images
- DML Log files
- Calibration Log Files

which can be shared or deleted by the user.

Questions or Issues

- Please contact Cummins Care for any questions or issues
 - Call: 1-800-CUMMINS
 - Email: ServiceToolSupport@cummins.com
 - Chat Service: www.cummins.com
 - Tool Support Website: www.cummins.com

