

INSITE 8.4.0 Features Notes

The latest information can be found on the Electronic Service Tools website at <https://www.cummins.com/support/electronic-service-tools-support>.

For technical support, please send an email to servicetoolssupport@cummins.com or call 1-800-CUMMINS.

To locate the nearest distributor, visit the Distributor locator at <https://locator.cummins.com>.

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1 General Information

1.1 Upgrade capability

Upgrade from INSITE 8.3.x.

2 New Base Features

No new Base Features have been implemented.

3 New Diagnostic Tests

NOTE: These will only be displayed if they are supported by the calibration.

No new Diagnostic Tests have been implemented.

4 New Advanced ECM Data

NOTE: These will only be displayed if they are supported by the calibration.

4.1 Engine Protection Oil Level Switch

This feature provides the ability to derate torque and shut down the engine to prevent damage when an extreme condition is detected.

4.2 Engine Protection Fuel Pump Oil Pressure

This feature provides the ability to derate torque and speed and the ability to shut down the engine to prevent damage when an extreme condition (most severe threshold for Fuel Pump Oil Pressure is crossed for a specified amount of time) is detected.

5 New Features and Parameters

NOTE: These will only be displayed if they are supported by the calibration.

5.1 Predictive Gear Shifting Version 2

This feature allows the ECM to predict and request gear shifts to optimize drivetrain energy utilization in advance of upcoming terrain and configuring either a performance, economy or balanced predictive gear shifting type.

NOTE: User must enable "Predictive Gear Shifting On Accelerator Pedal" for the feature to operate while the vehicle is running on only the accelerator pedal and not in cruise control.

5.2 Predictive Gear Shifting On Accelerator Pedal Version 2

This feature allows the ECM to predict and perform gear shifting in advance while vehicle is running on accelerator pedal.

5.3 Trip Information Predictive Gear Shifting Version 2

This feature logs the trip information count of predictive gear shifting and time of predictive gear shifting available with Predictive Gear Shifting.

5.4 Maximum Vehicle Speed Control

This feature allows the OEM or service technician to set speeds above Cruise Control, Road Speed Governor and Predictive Cruise Control where engine brakes may be engaged.

5.5 Genset Breaker Status

This feature displays the status of the utility circuit breaker and the genset circuit breaker.

6 New Products Supported

ISG 10.5L CM2670 ISL9.5 NS5 2880E IAT
BEV CM2450 EV101B ISZ13 NSV 2880E IAT

7 Languages Supported

English

Translation:

Chinese (Simplified)
Czech

Greek
Indonesian

Portuguese
Romanian

Danish
Dutch
Finnish
French
German

Italian
Japanese
Korean
Norwegian
Polish

Russian
Spanish
Swedish
Turkish

8 Operating Systems Supported

Windows® 7 32-bit and 64-bit
Windows® 8 32-bit and 64-bit
Windows® 8.1 32-bit and 64-bit
Windows® 10 32-bit and 64-bit

NOTE: INSITE 8.4.0 is *not* supported on the following Operating Systems:

Windows® XP
Window® Vista
Windows® 7 Starter Edition or Basic Edition
Windows® 8 RT Edition
Windows® 8.1 RT Edition

9 PC Requirements

9.1 Recommended Requirements

COMPONENT	REQUIREMENTS (Suggested for new hardware purchases)
Operating System:	Window 7, 8 or 10 (32-bit or 64-bit)
Processor:	2.1 GHz or greater (Intel i5 or AMD K10)
RAM Memory:	12 GB or greater
Hard Drive:	2 GB or greater available disk space
Media Device:	Dual Layer - Double Density DVD-ROM
Display:	1366 x 768 or greater resolution
Keyboard:	101 Key Enhanced
Pointing Device:	Windows® Compatible Device
Multimedia:	Virtual College training will require multimedia and sound capability
Other Software:	Adobe Acrobat Reader v9.0 and later
Printer:	Windows® Compatible Device
Internet Connection:	Broadband High-Speed (such as DSL or Cable)
Available Ports:	Two USB 2.0 Ports

9.2 Minimum Requirements

COMPONENT	REQUIREMENTS (Suggested for use with existing hardware)
Operating System:	Window 7, 8 or 10 (32-bit or 64-bit)
Processor:	2 GHz or greater (Intel i3 or AMD K10)
RAM Memory:	8 GB
Hard Drive:	2 GB available disk space
Media Device:	DVD-ROM
Display:	Minimum Resolution 1024 x 768
Keyboard:	101 Key Enhanced
Pointing Device:	Windows® Compatible Device
Multimedia:	Any Windows® Compatible Sound Device
Other Software:	Adobe Acrobat Reader v9.0 and later
Printer:	Windows® Compatible Device
Internet Connection:	Broadband High-Speed (such as DSL or Cable)
Available Ports:	See datalink adapter manufacturer for port specifications