

INSITE 8.1.1 Features Notes

The latest INSITE information can be found on the website at <http://insite.cummins.com>

For technical support, please send an email to servicetoolssupport@cummins.com or call 800-433-9341, Option 2 within the U.S. Outside the U.S call 812-377-8136, Option 2.

To locate the nearest distributor, visit the [Distributor locator](#).

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1 General Information

1.1 Upgrade capability

Upgrade from INSITE 8.0.0 or higher.

2 New Base Features

2.1 ECM Code Search

Following an ECM code search, there is an option to view the calibration history of that ECM code. Added to this ECM Calibration Revision History window is the option to export the history information into a comma separated value (csv) file format.

2.2 ECM Templates

Templates created with INSITE 8.1.0 or later can be modified using the ECM Template Editor. Right click on the template and select Edit Template. After the adjustable parameters are modified, the template can be saved as the current template or saved as a new template. If a value entered is not within the limits, there will be a pop up showing the limit for that parameter.

2.3 Programmable Datalink Device (PDD) Download

When downloading a PDD, the option to right click and select Autodetect to find the hardware part number of the connected device has been added.

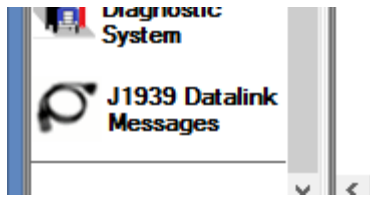
2.4 Enhanced Simulator Mode

The INSITE simulator mode, which contains all Features, Special Features, and Tests, can be accessed without having to activate an INSITE license.

2.5 Enable Cummins Inc. Data Collection

This functionality enables or disables the Cummins Inc. data collection in Tools > Options > Work Orders. This allows Cummins to collect information for emissions compliance reporting and for product development.

2.6 J1939 Datalink Messages



This functionality provides Source Address, PGN, SPN, and the values of the J1939 datalink messages if supported in the calibration.

2.7 INSITE for Cense

Calibration download can be performed with a valid Basic license with INSITE for Cense only.

3 New Diagnostic Tests

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

3.1 Cylinder Bank Cutout Test

This test can activate cylinder cutout on the selected group of cylinders or deactivate all cylinder cutouts.

3.2 Starter Intake Air Heater Override Test

This test is used to validate the Starter Intake Air Heater operation by turning the heater on and off.

4 New Advanced ECM Data

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

4.1 Aftertreatment SCR System Health Monitor

This feature provides the user with the capability to monitor several different engine parameters in order to manage heat in the engine. This feature also provides the capability to reset the coke accumulation and hydrocarbon adsorption counters.

5 New Features and Parameters

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

5.1 User Adjustable Fuel Economy Switch Multiplexing

This feature provides the ability to allow the ECM to receive the User Adjustable Fuel Economy input from the datalink.

5.2 Driver Operation Interlock

The feature is designed for forklift applications. Based on input status, the feature will provide driver output and lamp control.

5.3 Load Management

This feature provides the ability to command an override of the rated load to manage heat in the engine.

5.4 Starter Intake Air Heater

This feature provides the ability to enable the heating elements in the engine intake air stream.

6 Languages Supported:

English

Limited Translation:

Chinese (Simplified)

Czech

Danish

Dutch

Finnish

French

German

Greek

Indonesian

Italian

Hungarian

Japanese

Korean

Norwegian
Polish
Portuguese
Romanian
Russian
Spanish
Swedish
Turkish

7 Operating System Support

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

NOTE: INSITE 8.1 is *not* supported on the following Operating Systems:

Windows® 7 Starter Edition or Basic Edition
Windows® 8 RT Edition
Windows® 8.1 RT Edition
Windows® 10 32-bit and 64-bit (will be included in a future INSITE release)

8 Recommended PC Requirements

COMPONENT	REQUIREMENTS (Recommended for new hardware purchases)
Platform:	IBM or 100% Compatible
Operating System:	Windows® 8 32-bit
Processor:	2.1 GHz or greater dual-core
RAM Memory:	4 GB or greater
Hard Drive:	2 GB or greater available disk space
Media Device:	Dual Layer - Double Density DVD-ROM
Display:	Minimum Resolution 1024 x 768
Keyboard:	101 Key Enhanced
Pointing Device:	Windows® Compatible Device PC's that will be used for Virtual College training will require multimedia and sound capability
Multimedia:	
Other Software:	Adobe Acrobat Reader v9.0 and later
Printer:	Windows® Compatible
Internet Connection:	DSL / Broadband high-speed
Available Ports:	Two USB 2.0 Ports

9 Minimum PC Requirements

COMPONENT	REQUIREMENTS (for minimum performance)
Platform:	IBM or 100% Compatible
Operating System:	Windows® 7 32-bit
Processor:	2 GHz
RAM Memory:	2 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:	DSL / Broadband high-speed
Available Ports:	See datalink adapter manufacturer for port specifications

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