

INSITE 8.2.1 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 or call 1-800-CUMMINS.

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

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1 General Information

1.1 Upgrade capability

Upgrade from INSITE 8.2.0 or higher.

2 New Base Features

2.1 Feature

No New Base Features have been implemented

3 New Diagnostic Tests

NOTE: *This will only be displayed if it is supported by the calibration.*

3.1 Engine Compression and Air Handling System

This test will help the technician to troubleshoot the issues with the compression and the air handling system before tearing down the engine.

3.2 Exhaust Throttle Hysteresis Test

This test will request the exhaust throttle to complete a series of hysteresis tests and monitor the span, position error, and motor effort. The ECM will determine if the Exhaust Throttle should be replaced.

3.3 Exhaust Throttle Actuator Install and Calibration

This test allows the operator to properly install the throttle actuator and command it to undergo self-calibration after the installation is complete.

4 New Advanced ECM Data

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

4.1 Aftertreatment DPF Absence History

This feature records and displays information regarding the most recent DPF Absence events as well as the total number of occurrences over the engine life and total amount of time with one of the faults active over the engine life.

4.2 Diesel Exhaust Fluid Dosing Unit Compatibility

This feature provides the information required to select the correct calibration for the Diesel Exhaust Fluid Dosing Unit and recalibrate it.

5 New Features and Parameters

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

5.1 SCR Catalyst Health Management

This feature aids in the management of heat in the engine.

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

7.1 Operating Systems

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 8.2.0 is **not** supported on the following Operating Systems:

Windows® 7 Starter Edition or Basic Edition

Windows® 8 RT Edition

Windows® 8.1 RT Edition

7.2 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

8 Minimum PC Requirements

COMPONENT REQUIREMENTS (Recommended for new hardware purchases)

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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