

INSITE 8.1.4 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 servicetoolsupport@cummins.com or call 800-433-9341, Option 2 within the U.S. Outside of the U.S, call 812-377-8136, Option 2.

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

Table of Contents

1	General Information	1
1.1	Upgrade capability	1
2	New Base Features	2
2.1	Enhanced ECM Codes	2
3	New Diagnostic Tests	2
3.1	Aftertreatment Inducement Witness Test.....	2
3.2	Engine Fuel Supply Pump Override.....	2
4	New Advanced ECM Data	2
4.1	Boost Power History	2
4.2	Engine Protection.....	2
5	New Features and Parameters	2
5.1	Fan Control Settings.....	3
6	Languages Supported:	3
7	Operating System Support.....	3
8	Recommended PC Requirements.....	3
9	Minimum PC Requirements.....	4

1 General Information

1.1 Upgrade capability

Upgrade from INSITE 8.1.3.

2 New Base Features

2.1 Enhanced ECM Codes

Enhanced calibrations will be released in July with industry standard encryption. Calibrations without this enhancement cannot be downloaded with INSITE 8.1.4.

3 New Diagnostic Tests

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

3.1 Aftertreatment Inducement Witness Test

This test will allow the simulation of Aftertreatment Inducement Conditions. The test's Full Mode will automatically cycle through the supported Inducement Severities for the selected Inducement Type. The test's Manual Mode allows specific Inducement Type and Severity combinations to be selected.

3.2 Engine Fuel Supply Pump Override

This diagnostic test is used to troubleshoot issues related to engine compression as well as issues related to the air handling system. This is done by running four different sub-tests: Compression Test, Exhaust Leak Test, Intake Leak Test and the EGR Restriction Test.

4 New Advanced ECM Data

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

4.1 Boost Power History

This feature records data associated with the last 10 boost power usage events. It also displays data about the engine's boost power cycle as well as the current and maximum allowable boost power usage during the present cycle.

4.2 Engine Protection

This feature has been expanded to include the ability to derate torque and shutdown the engine based on the percentage of methane present in the gas.

5 New Features and Parameters

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

5.1 Fan Control Settings

This feature allows extended parameters adjustments for specific fan types in the Fan Control feature.

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

Windows® 10 32-bit and 64-bit

NOTE: INSITE 8.1.4 is *not* supported on the following Operating Systems:

Windows® 7 Starter Edition or Basic Edition

Windows® 8 RT Edition

Windows® 8.1 RT Edition

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

Multimedia:

PC's that will be used for Virtual College training will require multimedia and sound capability

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 (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

JRE Created: INSITE 8.1.4 June 2016
Document 6733-NEWF-07 Version 1.0.1