

INSITE 8.2.0 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	2
1.1	Upgrade capability	2
2	New Base Features	2
2.1	Connect Window.....	2
3	New Diagnostic Tests	2
3.1	Aftertreatment SCR System Cleaning	2
4	New Advanced ECM Data	2
4.1	Engine Protection Settings.....	2
4.2	Engine Protection.....	2
4.3	Stop Start Service Inhibit.....	2
5	New Features and Parameters	2
5.1	Aftertreatment Mobile Regeneration Minimum Idle	3
5.2	Retarder Coolant Bypass Valve Relay	3
5.3	PTO Speed Saved on Power Down.....	3
5.4	Engine Fuel Supply Pump Filter Restriction Level Warning Limit	3
5.5	Low Fuel Level Warning Configuration	3
5.6	Aftertreatment System Information (1 and 2).....	3
6	Languages Supported:	3
7	Operating System Support.....	4
7.1	Operating Systems	4
8	Recommended PC Requirements	4
9	Minimum PC Requirements.....	5

1 General Information

1.1 Upgrade capability

Upgrade from INSITE 8.1.x or install as a new program.

2 New Base Features

2.1 Connect Window

Cummins Service System (CSS) users will be required to enter their Cummins Service Provider Code on the Connect window.

3 New Diagnostic Tests

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

3.1 Aftertreatment SCR System Cleaning

This test has been modified to support multiple Aftertreatment SCR Systems on supported applications. It has been modified so that it can initiate a cleaning on Aftertreatment 1, Aftertreatment 2, or both Aftertreatment SCR Systems.

4 New Advanced ECM Data

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

4.1 Engine Protection Settings

This feature has been expanded to display the data for Shutdown Warning Period (time for flashing lamp) on both the RPM Derate and Torque Derate feature.

4.2 Engine Protection

This feature has been expanded to display information when the engine experiences a torque derate or shutdown based on the Intake Manifold Over Pressure and the Low Temperature Coolant Intake Pressure.

4.3 Stop Start Service Inhibit

This feature allows the automatic stop start functionality of a vehicle to be temporarily inhibited.

5 New Features and Parameters

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

5.1 Aftertreatment Mobile Regeneration Minimum Idle

This feature allows the engine idle speed to be controlled by the engine during a mobile regeneration. This feature also provides a monitor that displays the desired engine idle speed during a mobile regeneration.

5.2 Retarder Coolant Bypass Valve Relay

This feature allows maximum coolant flow to be redirected to the driveline retarder during braking when there is a coolant circle bypass valve installed. This feature also provides a monitor that displays the current state of the relay.

5.3 PTO Speed Saved on Power Down

This Power Take Off feature has been modified to allow the manually adjusted Cab PTO Speed to be saved when the vehicle is powered down. When PTO is engaged and the Resume switch selected, the Cab PTO will resume to the saved speed. This feature also provides a monitor that displays this saved speed.

5.4 Engine Fuel Supply Pump Filter Restriction Level Warning Limit

This feature allows setting the Engine Fuel Supply Pump Stage 1 and Stage 2 Filter Warning Limits.

5.5 Low Fuel Level Warning Configuration

This feature allows setting the thresholds and criteria that can trigger low fuel level warnings.

5.6 Aftertreatment System Information (1 and 2)

These features provide the Aftertreatment System Part Number and Serial Number Information under System ID and Dataplate.

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

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 (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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