

INSITE 8.3.0 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 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

No new Base Features have been implemented.

3 New Diagnostic Tests

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

No new tests have been implemented.

4 New Advanced ECM Data

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

No new Advanced ECM Data features have been implemented.

5 New Features and Parameters

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

5.1 OEM Variable Rate Vehicle Acceleration Management

This feature allows for the adjustment of the acceleration limit based on vehicle speed to improve fuel economy.

5.2 Predictive Gear Shifting On Accelerator

This feature allows ECM to predict and perform gear shifting in advance based on accelerator inputs.

5.3 Trip Information - Predictive Gear Shifting

This feature logs the trip information relating to Predictive Gear Shifting.

5.4 Stop Start Battery Management and Extension

This feature allows a service technician to monitor battery states, current and voltage readings and the ability to monitor the initialization status of the sensor on the batteries.

5.5 Predictive Gear Shifting

This feature allows the ECM to predict and request gear shifts to optimize drivetrain energy utilization in advance of upcoming terrain.

5.6 Fuel Delivery System Information

This feature provides the user with information regarding the Fuel Delivery System such as the current state of certain monitors and dataplate information.

5.7 Engine Fuel Supply Pump Filter Restriction Level Warning

This feature provides the capability to set the Engine Fuel Supply Pump stage 1 and stage 2 filter clog warning limits.

5.8 Ignition Control Module Information

This feature displays the Ignition Control Module (ICM) software information to the tool.

5.9 Feature Charge Flow Virtual Sensor

This feature allows the monitoring of the Estimated Charge Flow which is calculated by the ECM.

5.10 Oil Level Shutdown Switch

This provides the necessary parameters to interface with the oil level shutdown switch.

5.11 Turbocharger Compressor Bypass Valve

This feature allows for monitoring the compressor bypass valve position being commanded and compressor bypass valve actual position.

5.12 Throttle Plate

This feature allows for monitoring the throttle actuator position being commanded and throttle actuator actual position.

6 Languages Supported:

English

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 8.3.0 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 |

| | |
|----------------------|--|
| 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 |

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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