INSITE 8.9.1 Features Notes

The latest INSITE information can be found on the website:
https://www.cummins.com/support/digital-products-and-services-support

For technical support, please either call 1-800-CUMMINS or send an email to
servicetoolsupport@cummins.com

To locate the nearest distributor, visit this website:
https://locator.cummins.com

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1. General Information

1.1 Upgrade Capability

Upgrade from INSITE 8.9.0

2. New Base Features

NOTE: No new Base Features have been implemented

3. New Diagnostic Tests

NOTE: These will only display if supported and enabled in the calibration

3.1 Cooling Fan Control Test

Used to manually turn the Cooling Fans on and off to check the operation of the fans

3.2 Aftertreatment Exhaust Gas Temperature Sensor Test

Diagnoses errors for any of the exhaust gas temperature sensors in the aftertreatment system

3.3 Fuel Metering Valve Injector Override

Allows selection of Fuel Metering Valve Injectors to be commanded on in order to ensure proper functionality

3.4 Thermal Management System Manual Deaeration

Provides ability to command the Electric Vehicle's Thermal Management System (TMS) pumps at various speed to support the system deaeration process

4. New Advanced ECM Data

NOTE: These will only display if supported and enabled in the calibration

4.1 Battery Packs Energy Throughput

Displays information related to the total energy output during discharge of each battery pack

4.2 Battery Pack Isolation Pack

Provides ability to reset battery pack isolation after battery isolation repairs have been completed

4.3 Engine Protection High Temperature Coolant Level Low

Provides engine protection functionality, ability to derate torque, and shutdown to prevent damage when High Temperature Coolant Level is detected below operational threshold

5. New Features and Parameters

NOTE: These will only display if supported and enabled in the calibration

5.1 Operation Time

Allows the ability to monitor electric vehicle powertrain running and charging time

5.2 DCDC1 Monitor

Allows monitoring of the DCDC1 converter current and voltage

5.3 DCDC2 Monitor

Allows monitoring of the DCDC2 converter current and voltage

5.4 Service Brake Switch Diagnostic

Provides ability to configure whether Limp Home is triggered when the Dual Accelerator Conformance error is active

5.5 Wireless Adapter Communication Configuration

Allows monitoring of the connection between the ECM and Wireless Adaptor

5.6 LIN Sensor Type

Provides the ability to enable diagnostics based on the type of installed LIN sensor

5.7 Air Processing Unit Control

Allows ability to configure whether the Air Processing Unit is controlled by the ECM

5.8 Neutral Gear Switch Multiplexing

Allows configuration to use switch input and set source address via the datalink instead of a physical ECM input

5.9 Transmission Gear Table Type

Allows selection of transmission gear table type based on number of forward gears, torque ratings and gear box model

5.10 Fault Codes Flash Out

Allows display of active fault codes using the Red Stop Lamp and Amber Warning Lamp

6. New Product Support

F2.5 CM2620 F150B
F2.8 CM2620 F155C