INSITE 9.1.1 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

Contents

1. General Information

1.1 Upgrade Capability
Upgrade from INSITE 9.1.0

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 Ignition System Override Test
Test the ignition system by allowing the system to run without cranking the engine to generate sparks

4. New Advanced ECM Data

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

4.1 Engine Protection Light Coolant Pressure Differential Low
Provides the ability to derate to prevent damage when an extreme condition below the calibrated threshold is detected

5. New Features and Parameters

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

5.1 Ignition/Injector Control Module Natural Gas Spark Ignition
Helps to diagnose natural gas spark-ignited components

5.2 Variable Oil Pump Oil Pressure
Provides the capability to monitor the variable oil pump pressure command value and oil pressure value

5.3 Conditioning Fan Clutch Override
Reduces fuel consumption by ignoring the fan request from the AC pressure switch

5.4 Retarder Coolant Temperature
Monitors engine conditions and records the severity level and cumulative time that selected engine parameters exceed calibratable thresholds

5.5 Air Conditioning Fan Clutch Override

Reduces fuel consumption by ignoring the fan request from the AC pressure switch

5.6 Downhill Engine Brake Interaction

Provide the ability to select the Service Brake Switch Interlocks to activate the engine brake feature

5.7 Downhill Engine Brake Interaction Switch Multiplexing

Allows the configuration of the ECM to accept the Downhill Engine Brake Interaction Switch input via the datalink

5.8 AC Idle Shutdown

Provide the OEM the ability to select the AC shutdown in the Idle engine condition feature through the end-of-the-line tool

5.9 Air Filter Intake Restriction

Allows monitoring of the air intake filter's progressive choke status in intermediate stages

5.10 Clutch Pedal Position Switch 2

Provide OEM the ability to select the bottom-mounted clutch switch interlock to engage the starter lockout

5.11 Catalyst Inlet Oxygen Sensor

Tracks the performance of the smart O2 sensor

6. New Product Support

K29 CM2670 K170C
P14 CM2450 P101C
L10 CM2670 L179B