



No.: 17 CSA-22
December 5, 2017

TO: Service Locations

FROM: Service Systems Development

SUBJECT: **Release of DiagnosticLink® 8.07**

SUBJECT DETAIL

On Wednesday, December 6, 2017, DiagnosticLink® 8.07 Standard and Professional will be available for download from the ordering system. Current subscribers of DiagnosticLink® 8.xx can upgrade to DiagnosticLink® 8.07 at no cost. All DTNA service shops are required to maintain the latest version of software on each of their stations.

This release will support the following new features and updates:

- Support for GHG17 Heavy Duty (HD) production software release:
 - o MCM21T – M6.6.0.1
 - o ACM21T – E7.58.2.0
 - o CPC04T – R40.00_000a (except New Cascadia® vehicles)
 - o TCM01T – NAMT130600
- Support for GHG17 Medium Duty (MD) production software release:
 - o MCM21T – M12.1.2.3
 - o ACM21T – E13.52.4.0
 - o CPC04T – R40_00_000a
- Support for New Cascadia® software release:
 - o CPC302T – 29.23.00
- Parameter warning for idle/inactive shutdown disable on New Cascadia® CPC302T:
 - o A pop-up notification will display whenever the value for idle or inactive shutdown is changed to “disabled”. The notification will inform the user to check the settings for the idle shutdown:
 - If idle shutdown is enabled, inactive shutdown is enabled.
 - If idle shutdown is disabled, inactive shutdown is disabled.
 - Penske vehicles only – inactive shutdown is always disabled.
- Includes basic support for the ECONIC Vehicle:
 - o Supports fault code reading and instrumentation display
 - o Connects to 12 new controllers and displays identification information
 - EBS01T
 - ASAM01T
 - MUX101B
 - CLCS01T
 - EAPU01T

- EAPU02T
 - MSF01T
 - ASA01T
 - MUX201B
 - BESO01T
 - MUX301B
 - PSM01T
- Includes basic support for the MBE 900 EURO4 Export module (MR2021T):
 - o Connects to MR2021T and displays identification information
 - o Supports fault code reading and instrumentation display
 - o Supports reading of parameters
- Includes basic support for FCCC PSI_MT88 Gasoline/LPG engine:
 - o Supports the J1939 connection and identification information display to the engine related controller.
 - o Supports fault code reading and instrumentation display
- Includes basic support for the Stage5 Off-Highway (MTU) products:
 - o Supports fault code reading and instrumentation display
 - o Support files included for ACM301T
 - o Supports and displays identification information
 - o Supports reading of parameters
- Includes BHM read only features and configuration for DiagnosticLink[®] Standard users.
- Includes BHM circuit and feature panels with the ability to view 'Newest' settings.
- Tool displays warning when specific tablets that do not meet the minimum specifications (e.g. Nextbook 11).
- Added support for multiple latest settings and settings content from FOTA/POTA such as a simple description to the settings list.
- Color has been added to the Next button to highlight the proper action in the advanced diagnostics troubleshooting.
- New SSAM02T starter relay, crank protection panel added.
- New ALM (Active Lube Management) panel added.
- The tool now allows the log file play back control without exiting the modal dialog opened from the Action menu.
- Includes support to check the CTP (TDC) activation status.
- Improved log file management by reducing/optimizing the size of log files.
- New Cascadia[®] CPC302T parameter access level changes implemented:
 - o "Optimized Idle Run time Low Battery" changed from level 1 to level 2
 - o "Legal Vehicle Road Speed limit" changed from level 3 to level 1
 - o "Rear Axle Ratio 1 of 2" and "Rear Axle Ratio 2 of 2" made as level 1

- parameter
 - o "Engine Brake Over Speed" made as level 2 parameter and also the Min(2Km/hr.) and Max(24.14 km/hr.) ranges are updated
 - o "Engine Brake Over Road Speed Limit Offset Speed" set as level 1 parameter and allows only two settings "4km/hr (Enable)" and "SNA (Disable)".
- Includes additional panels for New Cascadia®:
 - o Starter Relay and crank protection panel for Detroit engine
 - o ALM (Active Lube management) panel.
 - o Optimized Idle I/O control panel for SSAM02T
- Updates or enhancements added to DiagnosticLink®:
 - o Added limp home mode functionality for MD (Medium Duty) FSIC panel
 - o Idle speed setting updates for MD (Medium Duty) for cylinder cutout manual panel.
 - o Mechanical compression test is made available for HDEP ECUS and added in improvements for precondition checks and the display of results for the routine
 - o Updates to the idle speed balance test to enhance the precondition checks for running the test.
- Updates or enhancements to Advanced Diagnostics:
 - o Added support to view ADR TS report. Allow use of Report Viewer application without a need to install DiagnosticLink®.
 - o Display the Integrated Diagnostic time for the steps in the Advanced Diagnostics.
 - o Provide visual indication when the Next button is enabled for Advanced Diagnostics Troubleshooting.

For more details regarding DiagnosticLink® 8.07 new features, please visit <http://ddcsn-ddc.freightliner.com/>. Navigate to Tools, Electronics, Electronic Tools Updates, DiagnosticLink® 8x, and click **DiagnosticLink 8.07 Features**. Please refer to [17 CSA- x](#) for ordering information and instructions.

UPGRADE INSTRUCTIONS

NOTE: You must have a current DiagnosticLink® subscription in order to upgrade to version 8.07 at no cost.

1. Disconnect any interface devices from the computer USB port such as the Nexiq USB-Link cable.
2. Uninstall previous version of DiagnosticLink®, such as version 8.05 or 8.06 from Windows Control Panel Programs.
3. Login to <https://diagnosticlink.nexiq.com>.
4. Click My Account and My Downloads.
5. Click on the download DiagnosticLink 8.07 button.
6. Save the install package file to desktop.
7. Double click install package file (zip file).
8. Open the DL8.07 folder. Right click Setup.exe and select Run as administrator. Follow setup guide to complete the installation.

CONTACT INFORMATION

Please contact the Detroit Customer Support Center at 800-445-1980 or email csc.software@daimler.com if you have any questions.