



No.: 18 CSA-22Rev
November 14, 2018

TO: Service Locations

FROM: Service Systems Development

SUBJECT: **Release of DiagnosticLink® 8.09**

SUBJECT DETAIL

On Wednesday, November 28, 2018, DiagnosticLink® 8.09 will be available for download from the ordering system. Current subscribers of DiagnosticLink® 8.xx can upgrade to DiagnosticLink® 8.09 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 New Cascadia Heavy Duty (HD) MY2019 software release:
 - o MCM21T – M6.7.0.2
 - o ACM21T – E7.59.2.0
 - o CPC302T – R31.23.00
 - o TCM01T – NAMT150600
- Support for Classic Cascadia HD MY2019 software release:
 - o MCM21T – M6.7.0.2
 - o ACM21T – E7.59.2.0
 - o CPC04T – R42.00_000a
 - o TCM01T – NAMT150600
- Support for GHG17 Medium Duty (MD) MY2019 software release:
 - o MCM21T – M12.2.2.2
 - o ACM21T – E13.54.2.0
 - o CPC04T – R42_00_000a
- Support for ECONIC MY2019 software release:
 - o MCM21T – M12.2.2.2
 - o ACM21T – E13.54.2.0
 - o CPC302T – R31.83.2
- Support for Euro V HD MY2019 software release:
 - o MCM21T – M12.12.0.3
 - o ACM21T – E7.59.2.0
 - o CPC302T – R31.23.0
 - o TCM01T – NAMT150600
 - o CPC04T – R42_00_000a

- Support for MBE900 Euro V MD MY2019 software release:
 - o MR201T – V30
 - o CPC04T – R42_00_000a
- New panel support for New Cascadia pre-series:
 - o MPC02T Calibration Panel
 - o Side Radar Calibration Panel
 - o Detroit Assurance panel updates
- Additional panel support for Stage V Off-Highway HD engine (MTU):
 - o Inducement System Activation
 - o ATS test routine
 - o Server-based clear non-erasable faults
 - o FIS fuel filter
 - o Set VIN/PIN panel support extended for ACM3
 - o EGR actuator slow learn routine
 - o Pressure limiting valve
 - o Voltages
 - o FIS Fuel Quantity Control
 - o FIS Water in Fuel
 - o FIS Low Pressure Leak Test
 - o FIS Fuel Filter
- Log files will now store parameter data:
 - o Upon connection to vehicle, if the parameter panel is selected, the parameter data will be read and captured by the log file.
 - o To access the parameter data from the log file, use the parameter tab.
- A server connection will be required to compile panel content:
 - o During startup, the tool checks whether new service panels have been installed.
 - o This will happen after the installation of a service pack.
- The tool has been updated to better manage the increasing demand for memory:
 - o The update reduces memory usage from about 494MB to 184MB.
 - o The update also reduces startup time (after the first run of the tool).
- Support included for Hadley Smart Valve and XMC J1939 messaging.
- The Log file search feature now includes full text search.
- Software and Dataset information is now presented in an organized and grouped view where errors are more clearly indicated.
- The Initialize Truck Data Center panel now displays the CTP activation status from the device as well as the server.
- Support included for CPC5 DPF system service routine:
 - o Available for:
 - CPC5 + MCM21T + ACM21T
 - CPC5 + MCM21T + ACM301T

- Support included for server based security unlocking for reprogramming:
 - o Supports Tier4, Stage V, and MBE900 Euro V MR2 reprogramming.
 - o MR2 controllers will be relocked after programming (ACM/MCM based controllers auto-relock).
- Support included for server based security unlocking for Fault Management Mode (FMM) clearing:
 - o Supports clearing of faults on Tier4, Stage V, Euro V, and MR2 based engines.
 - o Supports XN and Seed key style unlocking via the server.
- Improvements to the software compatibility table popup in the Compatibility Information panel:
 - o Compatibility warning dialog will now always be available if there's a compatibility issue.
 - o If a valid compatibility set cannot be suggested, the reason will be provided.
- New service panel added to support DEF pump priming:
 - o Located under **Actions > Aftertreatment > DEF Pump Priming**, the new service panel allows the service technician to fully prime the DEF pump for compatible software on ACM21T or ACM301T.
- For gasoline engines with MT88 engine controllers, a message has been added to indicate if the Vendor Component Program (VCP) tool is not installed.
 - o If the VCP tool is not installed and the service technician would like to read/write the PSI-MT88 parameters, DiagnosticLink® will indicate that the VCP tool will need to be installed.
- A link to PSI service manuals has been added to DiagnosticLink®.
 - o From **Help > References > FCCC Engines**, authorize users with a DTNAConnect SSO ID can access PSI-MT88 engine service manuals.
- New MPC2 Calibration panel added
 - o The panel is an update to the MPC1 Calibration panel for use with the MPC2 multipurpose camera.
- Countershaft Brake panel enhancement
 - o The results of the countershaft brake test is now more prominent.
- Detroit Assurance panel updated
 - o Instruments have been added to Detroit Assurance panel when connected to SRRR01T controller.

For more details regarding DiagnosticLink® 8.09 new features, please visit <http://ddcsn-ddc.freightliner.com/>. Navigate to Tools, Electronics, Electronic Tools Updates, and DiagnosticLink® 8x, and click DiagnosticLink® 8.09 Features.

UPGRADE INSTRUCTIONS

NOTE: You must have a current DiagnosticLink® subscription in order to upgrade to version 8.09 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 8.07 or 8.08 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 8.09 button.
6. Save the install package file to desktop.
7. Double click install package file (zip file).
8. Copy the DL809 folder and paste to desktop
9. Open the DL8.09 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.