



No.: 20 CSA-08

TO: Service Locations
FROM: Service Diagnostics & Tools
SUBJECT: **Release of DiagnosticLink® 8.12**

SUBJECT DETAIL

On Wednesday, June 10, 2020, DiagnosticLink® 8.12 will be made available for download from the ordering system. Current subscribers of DiagnosticLink® 8.xx can upgrade to DiagnosticLink® 8.12 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) DD13/ DD15/ DD16 MY2020 software release:
 - MCM21T – m6.8.0.1 (FE1), m14.2.1.3 (Full range misfire)
 - ACM21T - e7.60.2.0
 - CPC04T - R44_00_000a
 - TCM01T – NAMT191901
 - CPC302T – R31.33.00 and R33
- Support for Medium Duty (MD) DD5 and DD8 MY2020 software release:
 - MCM21T – m14.02.02.3
 - ACM21T - e13.55.02.00
 - CPC04T - R44_00_000a
- Extended support included for New Cascadia customer demo units (CDU) with ACM3 + MCM2.1T + CPC501T:
 - MCM21T – m17.1.1.203
 - ACM301T – S8.50.0.203
 - CPC501T – R19.32.00
- Extended support for New Cascadia
 - Includes support for ICC5 programming (Handling of Large file download support in zip files and CFF files)
 - Panel updates covered:
 - APS3 calibration to support sensor offset mitigation
 - ABS02T instrumentation panel update to support displaying 5 axles information
 - SRRL01T calibration service update to access the needed prefix services
 - Support added to connect to ECP and multiple XMCs
- Support added for cTP updates – flash over the airwave (FOTA)
 - cTP initialization panel updates for capturing the VIN write, sending up configuration data etc.
 - cTP GPRS configuration panel.
 - cTP factory reset panel



- Enhancements or extended support added for the Guided Diagnostics work:
 - Enable TechLane radio button without a truck connection
 - Send TechLane fault codes in the prioritized order
 - Included DiagnosticLink tool version for Troubleshooting report uploaded to the TechLane system
 - Included the DiagnosticLink version and the language being used by the runtime as a metadata information for the TechLane server
 - Enabled the cut and paste capability in DiagnosticLink for Techlane via DiagnosticLink

- Included support for warranty work analysis and customer driven enhancements:
 - Troubleshooting content can now be downloaded in background while utilizing DiagnosticLink.
 - Package programming included for powertrain related ECUs.
 - DiagnosticLink includes a test panel to help troubleshoot server connection issues via the server tab (i.e. Tools, Options, and Server or from the registration menu via Options > Server).
 - DiagnosticLink records the additional requested TCM instrumentation values in summary log for countershaft TCM values used for engineering and warranty analysis activity.

- Addressed improvements or provided fixes for MTU (Stage5) support:
 - Support for ACM3 programming via program device.
 - Seed Key unlock shared procedure improvements added to send the ID code information to server.

- Enhancements and other general improvements:
 - The Program Device panel now includes descriptions of multiple parameter settings.
 - The Program Device panel new user interface (UI) should attempt to match target dataset part numbers to correct ECU information items.
 - Improved parameter view for chassis ECUs in relation to the live connection versus replaying/viewing a log file.
 - The Compare Parameter panel (UI) clearly indicates the variant data.
 - As of DiagnosticLink 8.12, all tools are now built as 32-bit and 64-bit variants. The 64-bit variant will be released at a future date.
 - DiagnosticLink supports Program Device package programming (i.e. all powertrain controllers with a single operation).

For more details regarding DiagnosticLink 8.12[®] new features, please visit <https://dtnacontent-dtna.prd.freightliner.com/content/public/dtnaconnect---daimler-trucks-north-america.html>. Navigate to Secure DTNAConnect, Service Diagnostics & Tools, and click DiagnosticLink[®]



UPGRADE INSTRUCTIONS

NOTE: You must have a current DiagnosticLink® subscription in order to upgrade to version 8.12 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 8.10 or 8.11 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 8.12 button.
6. Save the install package file to desktop.
7. Double click install package file (zip file).
8. Copy the DL8.12 folder and paste to desktop
9. Open the DL8.12 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.