



No.: 07 TS-51
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TO: Service Locations

FROM: Technical Support Development

SUBJECT: **Release of Detroit Diesel Diagnostic Link 7.02/6.4 Software**

ISSUE

Detroit Diesel is pleased to announce the newest release of Diagnostic Link 7.02 and Diagnostic Link 6.4 software. Both versions are being released on one CD and contain several enhancements. Please review this letter carefully and refer to DDDL Help for full explanations of each enhancement.

DDDL 6.4 Enhancements:

- Improvements to parked regeneration reporting
- Added firm brake counts
- DDEC Reports 6.42 for all engine platforms including DDEC VI

DDDL 7.02 Enhancements:

- Panels and dialogs displayed are now engine-specific so you will only see features that apply to the engine currently connected.
- Commonly used Service Routines are now available in the new **Actions Menu**. These include the following:
 - EGR Delta Pressure Sensor
 - Injector Codes
 - Rating
 - Real-time Clock
 - Turbo Actuator
 - Set ESN (**NEW**)
 - DPF Ash Accumulator (**NEW**)
- **SID Configure** is now located within the DDDL program under Tools, Options and then the Connection Tab. This allows you to change your translator box within DDDL and does not require a restart. DDDL will automatically establish a connection with your vehicle as long as the translator box you have selected in SID Configure matches the translator box that is physically connected.
- The Parameter list has been re-organized making the process of searching for specific parameters easier. Each tab lists parameters that are pertinent to that feature.

- There have been several changes to the **Service Routines** window. The **DPF Regeneration** tab was relabeled **DPF System** and combines the functionality of **DPF Regeneration**, **HC Doser Routine** and **ATD** (previously listed under Instrumentation).
- Three new Service Routines have been added:
 1. **Air Mass Adaptation** - The MBE 4000 and MBE 900 engines use a delta-pressure sensor in the intake air stream to measure mass air flow into the engine. The **AMA** routine is used by engine control software to learn the appropriate correction factors under fixed engine operating conditions.
 2. **Intake Throttle Valve** - This routine will help determine if the valve is opening or closing with the requested command.
 3. **Idle Speed Balance** - This feature is used to interpret the performance of each injector when the vehicle is idling. Currently this Service Routine is only available for the MBE 900 engine platform. Capability for the MBE 4000 and the HDEP engines will be incorporated at a later time. This Routine is not functional for the Series 60.
- **Fault Codes**

If fault codes are present, they will be displayed in the connections status area at the bottom left hand corner of the screen. The fault codes can be viewed in detail, in the Fault Code Window, along with troubleshooting information for each by double-clicking either the CPC2 or MCM.
- The troubleshooting guides now contain links to specific reference material used most often by technicians. This association between troubleshooting material will significantly decrease the amount of time required to research specific issues. Clicking on the links will take you directly to the relevant section of a particular guide.
For example: SPN 3719 provides a link to the *Aftertreatment System Technician's Guide*.
- The **Chart** tab in the **Instrumentation Window** lists the active and inactive fault codes. Active codes are red, inactive codes are gray.
- **User Event** – This is used by the technician to mark observed occurrences during the recording of a snapshot. The User Event is automatically date and time stamped to make it easier to locate these occurrences when the logfile is replayed. Select the Event from the **Log Seek** submenu.

The event can also be renamed using the **Add Editable User Event** feature for easy identification when the log file is replayed.
- The **Help** and **About** dialog box also changed. The dialog box shows the Application Components, System Information, Access Levels, Supported Devices and Files, Package Information, Configured Translators, Service Routine Panels, Instrument Panels, and Parameter Panels for your installation.

REQUIRED ACTION

Detroit Diesel is offering a cost effective upgrade program for current users. Current users may obtain the upgrades by contacting Nexiq directly at 1-877-974-3539. For pricing and part number information refer to CSA letter [07 CSA-26](#).

CONTACT INFORMATION

Please contact the Detroit Diesel Customer Support Center at 313-592-5800 if you have any questions.