Kit Overview

The document provides an overview of the Haldex DIAG+ Diagnostic Software. Use of the kit with Haldex Intelligent Trailer Control Module (ITCM) is detailed.
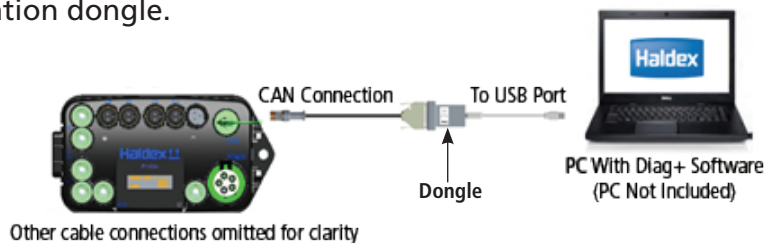
Installation

1. **The Diag+ Software is available for free download from the Haldex website:**
   Haldex.com → Tech Support → Software Updates → ITCM Diagnostics
   - https://www.haldex.com/en/North-America/technical-support/software-updates/itcm-diagnostics-window-xp-windows-7-10/
   - Click on "Download the Latest Haldex ITCM Diagnostics".
   - After the Download is completed, right click on the Download Folder and select "Extract All". Click on the BROWSE BUTTON and select Desktop in the column of locations on the left. Click on the NEW FOLDER Button to create and name a new folder. Once the new folder is created and named, select it as the destination to extract files.
   - Once files are extracted, open the NEW FOLDER and DOUBLE CLICK on: Haldexinstall.msi to install software.
   - After software installation is complete, go back to:
     https://www.haldex.com/en/North-America/technical-support/software-updates/itcm-diagnostics-window-xp-windows-7-10/
     Click on link next to Step 3 to "Install USB Driver Software".
   - Once file downloads, open folder and Double Click on CDM21226_SETUP.EXE
     A window should open and the Driver Software should install. Once Driver Software Installation is complete, reboot your computer.
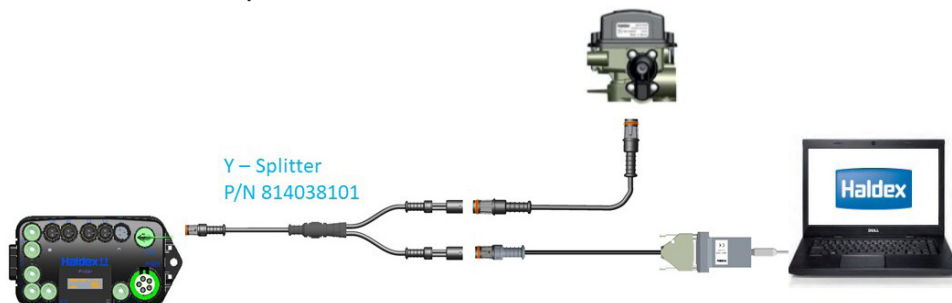
2. **Hardware and Cable Connection to the ITCM**
   - Connect the USB Cable to a USB Port on the PC, the other end to the communication dongle. Connect the CAN Cable to the ITCM CAN Port (note this connection is keyed), the other end to the communication dongle.

CAN Connection   To USB Port
Dongle
PC With Diag+ Software
(PC Not Included)
Other cable connections omitted for clarity

3. **Optional CAN Cable Y-Splitter - Connection between Stability Module and ITCM**
   - For use with a Stability Module connect an optional Y-Splitter (P/N 814038101, sold separately).
   - When finished, remove the Y-Splitter and reconnect the CAN Cable between the Stability Module and ITCM.
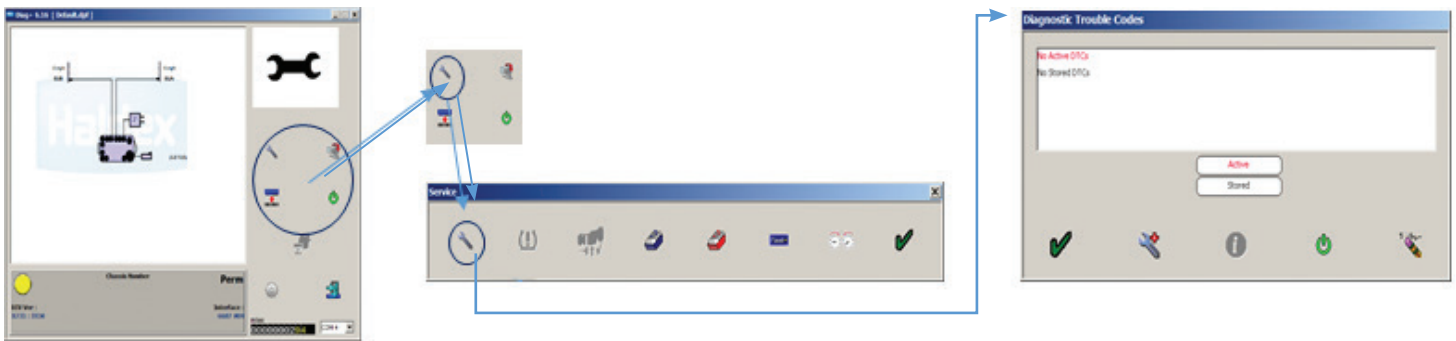

Y – Splitter
P/N 814038101

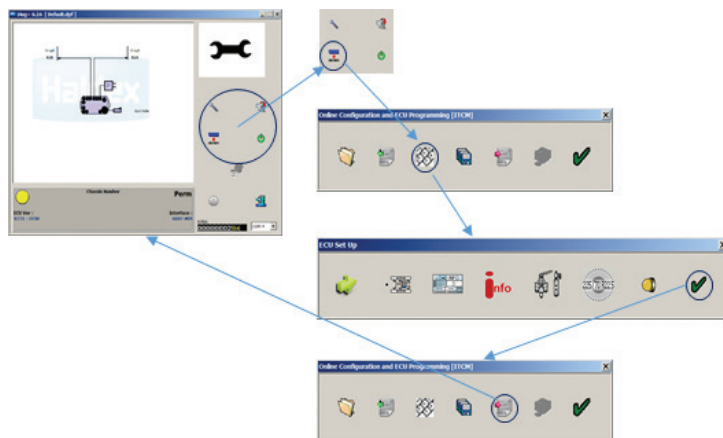**- Continued on Reverse Side -**
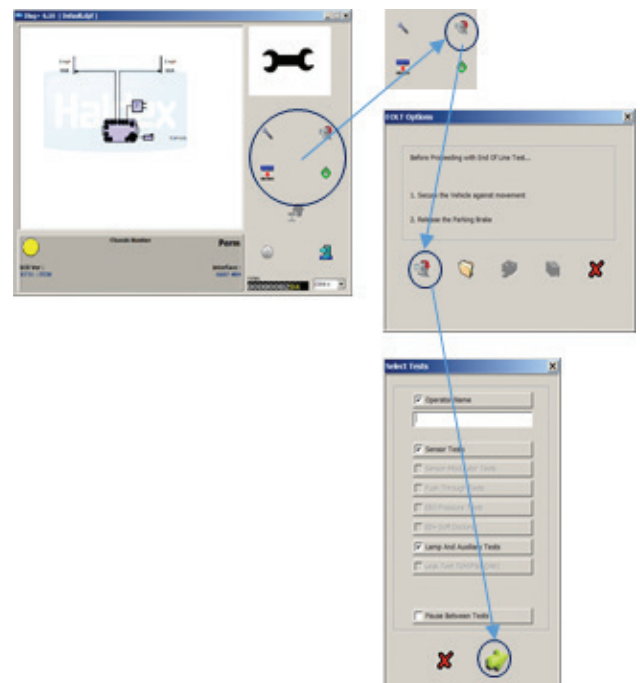
Using the DIAG+ Software

1. Reading/Clearing Diagnostic Trouble Codes (DTC)

2. Configuring ITCM

3. Performing an End-of-Line Test

Note: Some Steps Omitted for Clarity. For complete details see L31287W DIAG+ Diagnostic Software Users Guide at haldex.com (ITCM ECU Connections Section Page 192).

Additional Information Installation and Troubleshooting Guides available on the Haldex website.

Intelligent Trailer Control Module (ITCM) Installation/Service Manual (L31286W)

DIAG+ Diagnostic Software Users Guide (L31287W)

Technical Support Department Please call (816) 891-2470 and Press #2 to reach a Haldex Technical Specialist.