



Technical Service Bulletin

Technical Service Bulletin: TSB220162

Released Date: 24-Apr-2024

J1939 Data Link Diagnostic Tool

J1939 Data Link Diagnostic Tool

Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Information Only - OEM Related Matter Not Covered By Cummins® - Contact Appropriate OEM Dealer or OEM Representative For Additional Information

Contents

Product Affected

- B6.7 CM2350 B121B
- B6.7 CM2450 B155B
- L9 CM2350 L116B
- L9 CM2350 L123B
- L9 CM2450 L126B
- X12 CM2350 X119B
- X12 CM2450 X137B
- X15 CM2350 X114B
- X15 CM2350 X116B
- X15 CM2450 X124B
- X15 CM2450 X134B
- X15 CM2450 X142B
- X15 CM2450 X146B

Contents

- The J1939 Data Link Diagnostic Tool improves troubleshooting accuracy and saves time by limiting the amount of inspection points and offers unique isolation techniques.
- This document announces the release of the J1939 Data Link Diagnostic Tool.
- The INSITE™ electronic service tool J1939 Data Link Diagnostic Tool is available in INSITE™ electronic service tool. See corresponding Service Manual.
- The release date for the J1939 Data Link Diagnostic Tool for production and service is August 2022.

Verification

- The engine is experiencing a performance issue that would require J1939 data link diagnostics.
- Issues would include, but are **not** limited to:
 - Reduced engine performance
 - Fault Codes: 1894, 2771, 3232, 3868, 4151, 4152, 4572, 4677, and 6688.

Resolution

- The J1939 Data Link Diagnostic Tool requires INSITE™ electronic service tool version 8.8.0 or later and Cummins® INLINE 7 driver 2.8.0.7 or later.
- Verify INSITE™ electronic service tool version 8.8.0 or later. Open INSITE™ electronic service tool. Click on help. Click on About INSITE™. The version number is in the upper right.
- Reference the Cummins® Virtual College for training on the J1939 Data Link Diagnostic Tool, Course 1482.

Note : <https://cst.cummins.com/ServiceTraining/>
(<https://cst.cummins.com/ServiceTraining/>)

- Use the following procedure found in the mentioned products' service manual, on how to use the J1939 Data Link Diagnostic Tool. See corresponding Service Manual. Reference Procedure 014-034 in Section 14.

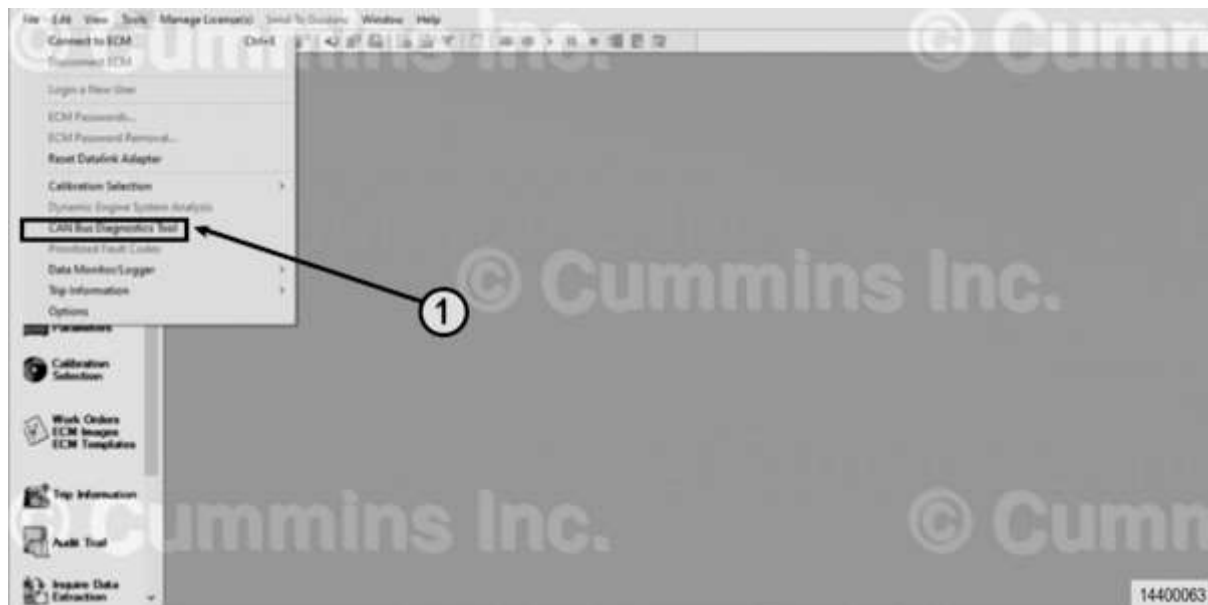


Figure 1, INSITE™ Electronic Service Tool Menu.

- 1. The J1939 Data Link Diagnostic Tool is opened by selecting CAN Bus Diagnostics Tool, under the Tools menu.

Document History

Date	Details
2022-8-1	Module Created
2022-9-30	Updated Product Affected and Contents sections.
2024-2-21	Added X142B to product affected list and tsb metadata.
2024-4-22	Added X15 CM2450 X146B and Figure 1.

Last Modified: 24-Apr-2024
