

Date: 07/09/2025  
CAL FTL 54-034\_Revised

**Subject: ICUC Internal Speaker Software Update**

**Make: Freightliner**

**Model: New Cascadia**

**Model Year Affected: 2024 through 2025**

**Build Date Range: Selected vehicles without Detroit assurance, built from January 2, 2023, to July 10, 2024.**

Our records indicate that you are the owner of certain vehicles; therefore, DTNA has decided to share the following documentation with you.

Please see the attached communication in this email. We hope you find this information helpful.

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## General Information

This CAL only applies to vehicles without the Detroit Assurance safety suite and with an ICUC software version level below A0424483721-001. The software update described in this customer advisory letter (CAL) aims to improve the sound files in the ICUC to prevent premature failure of the internal speaker. If the ICUC speaker has failed, the ICUC must be replaced. The steps included in this CAL are proactive and will not provide any correction to a failed ICUC audio function.

## Work Instructions

1. Park the vehicle, shut down the engine, and apply the parking brakes. Chock the tires.
2. Open the **TSB 54-308**, located on the DTNA Portal site, [https://www.dtnatechlit.com/portal/aem-html-content-en-6-30-23/content/dtna-servicelit/bulletins/en\\_us/freightliner/service-bulletins/sb54308.html](https://www.dtnatechlit.com/portal/aem-html-content-en-6-30-23/content/dtna-servicelit/bulletins/en_us/freightliner/service-bulletins/sb54308.html).
3. Connect the vehicle to DiagnosticLink®.
4. Ensure that DiagnosticLink is updated to the latest version (8.16 at time of publication) or newer. To update DiagnosticLink, select 'Tools' from the top menu and then select 'Update' from the dropdown menu. See **Fig. 1**.

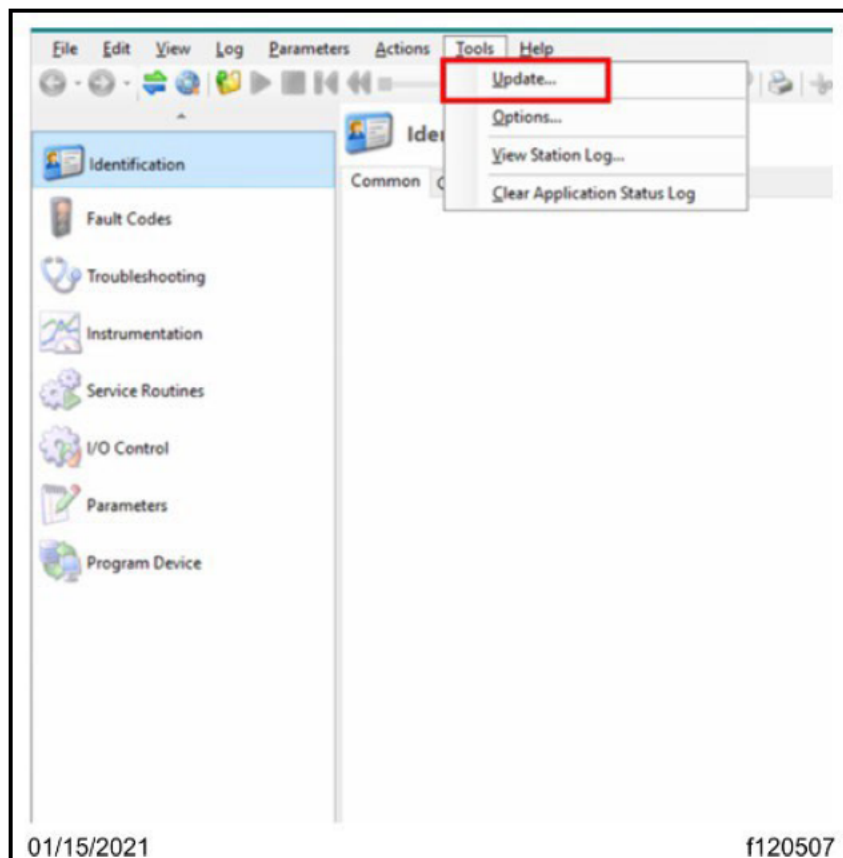


Fig. 1, Updating DiagnosticLink to the Latest Version

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5. Select 'Program Device' from the upper left-hand side of the window.
6. Navigate to the Instrumentation Control Unit (ICU).
7. Following the steps in **TSB 54-308**, select the ICU to program, select the VIN, and select 'Newest.' Then, select 'Next.' See **Fig. 2**.

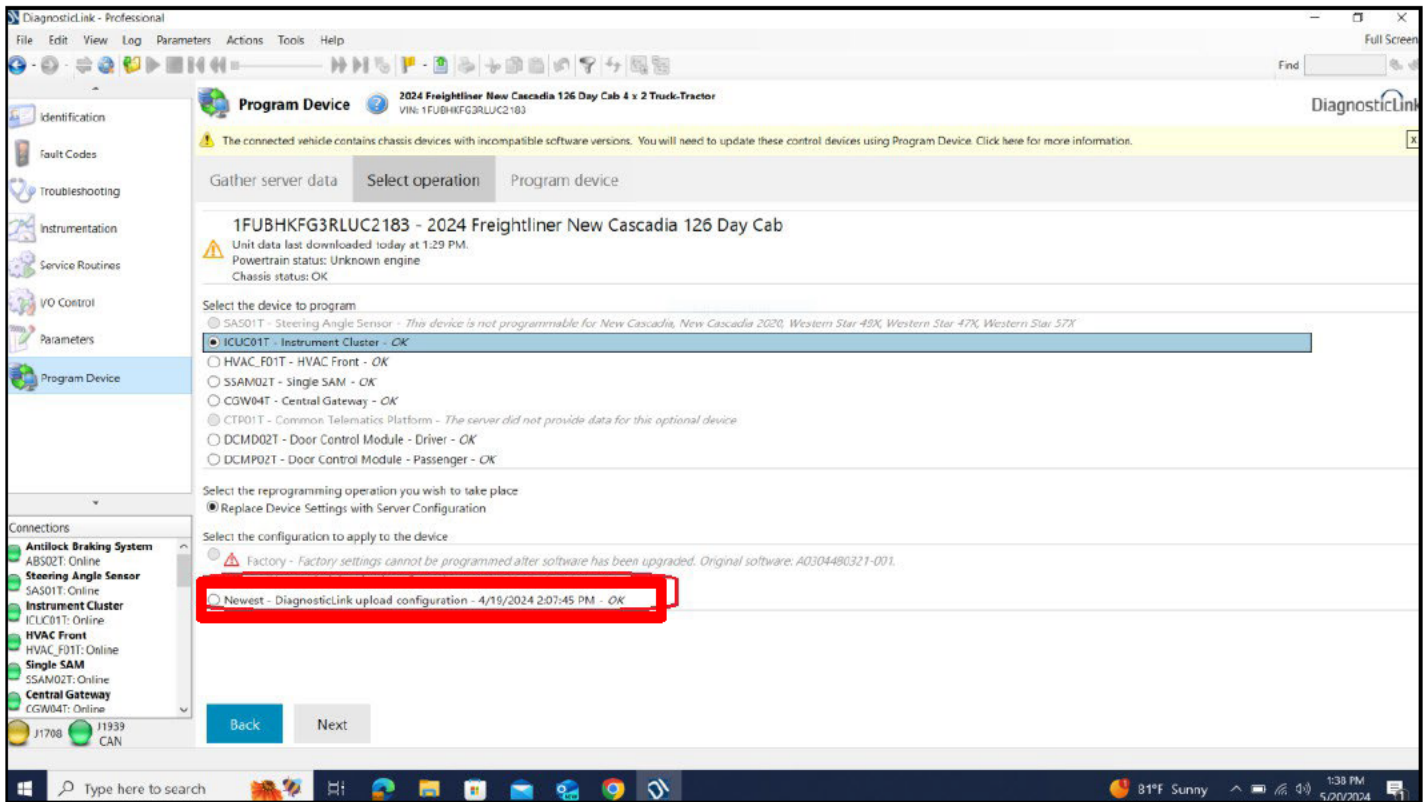


Fig. 2 Selecting DiagnosticLink Upload Configuration

8. Review the information displayed. If the information is correct, then select the 'Start' button to initiate the program. See **Fig. 3**.
9. Confirm the software version level is above A0424483721-001.

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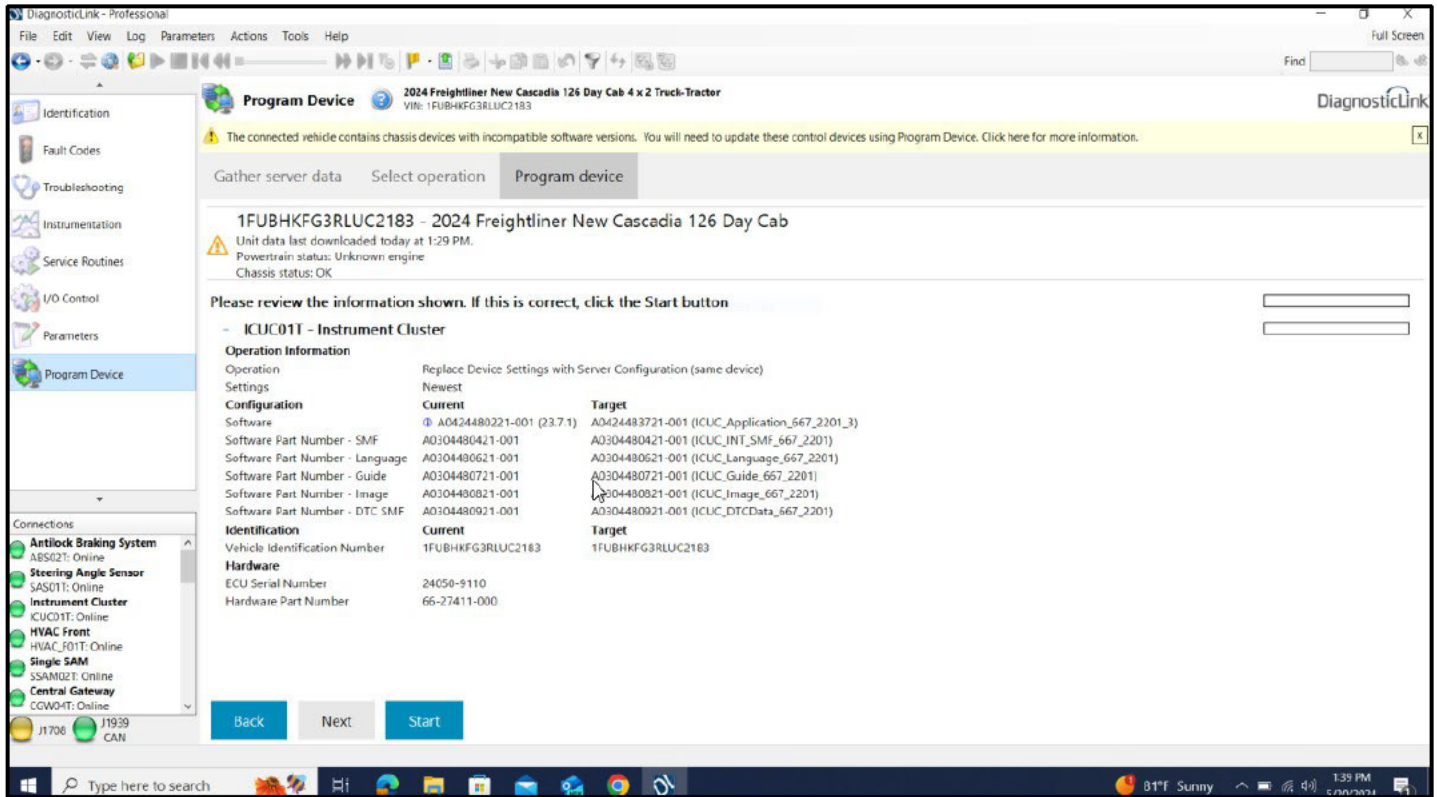


Fig. 3, Reviewing the Information Shown

10. If the programming is successful, select the 'Finish' button. See Fig. 4.

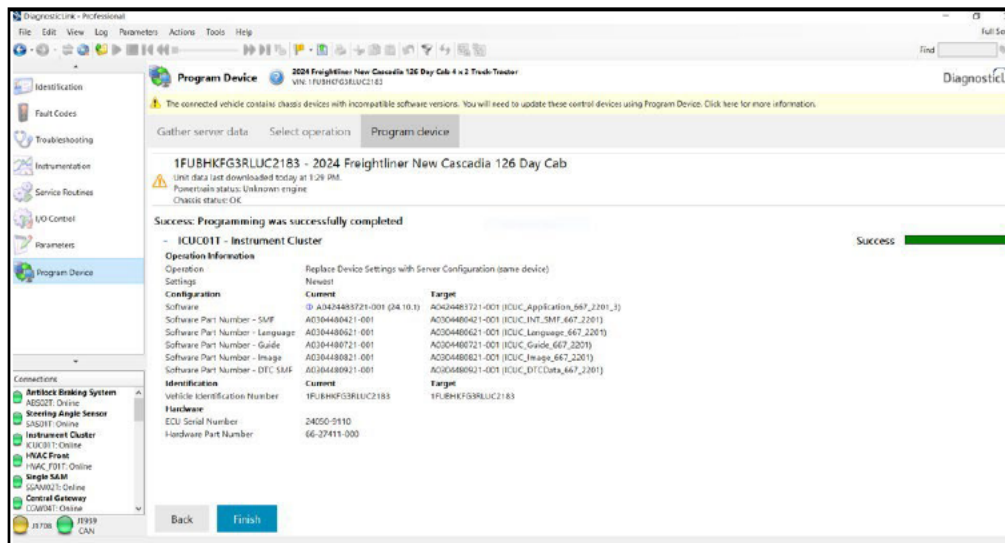


Fig. 4 Confirmation of Program Success