

Vehicle Interface Controller (VIC) Software Update

TSB-54-030-TBB

Creation Date: 2026-08-27

Engine or Vehicle Affected:

► eB2

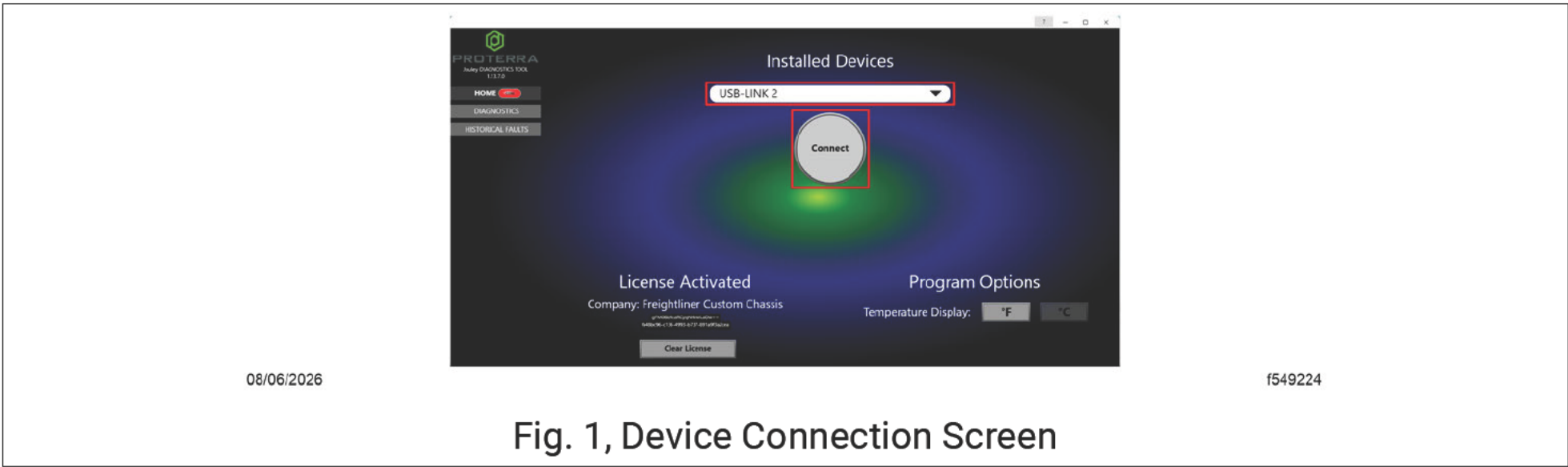
Warranty applies to this described condition. See the warranty information at the end of this bulletin.

Described Condition

eB2 Gen 1 vehicles equipped with the Emperor battery pack may report erroneous faults during vehicle operation or charging. In addition, charging interoperability issues may occur with SparkCharge, XOS Hub, and Aplitrionics charging systems. Vehicles exhibiting this condition may also experience missing Diagnostic Trouble Code (DTC) reporting and erroneous Battery Thermal Management System (BTMS) coolant pump commands. The following procedure provides instructions to diagnose and correct these conditions.

Procedure

- ☐ Park the vehicle on a level surface, place the vehicle in neutral, shut down the vehicle, and set the park brake. Chock the tires.
- ☐ Connect a laptop to the vehicle and launch the Jouley Proterra Diagnostic Tool.
- ☐ Select the appropriate adaptor from the dropdown menu, then select 'Connect'. See Fig. 1.



- ☐ Select the configuration tab from the navigation pane on the left side. See Fig. 2.

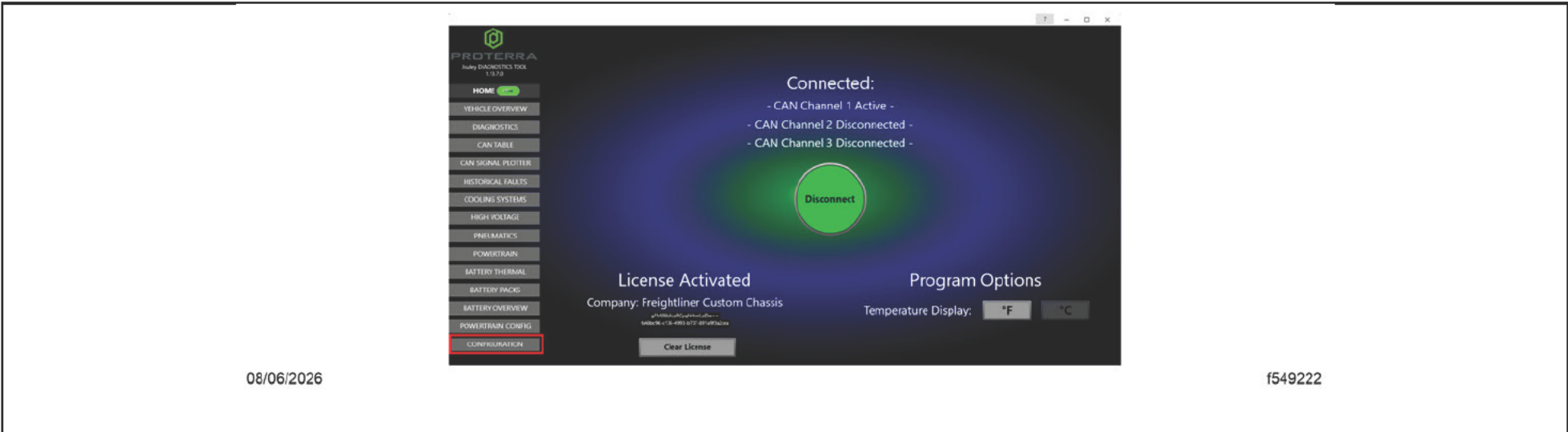
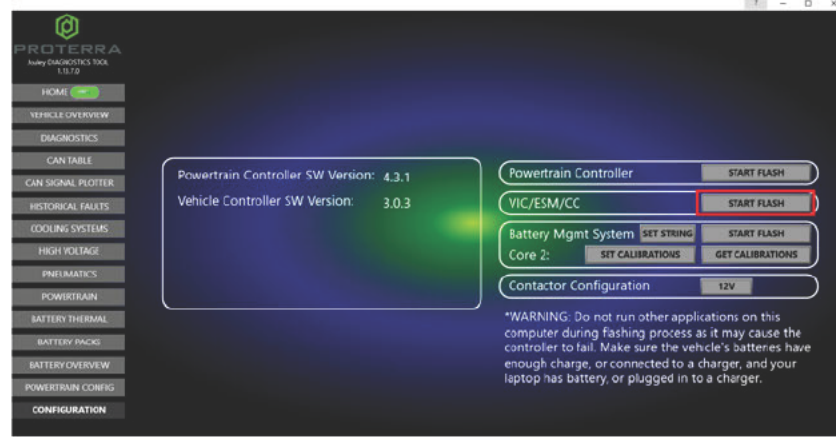


Fig. 2, Configuration Tab

5. ☐ Select 'Start Flash' for VIC/ESM/CC. See Fig. 3.

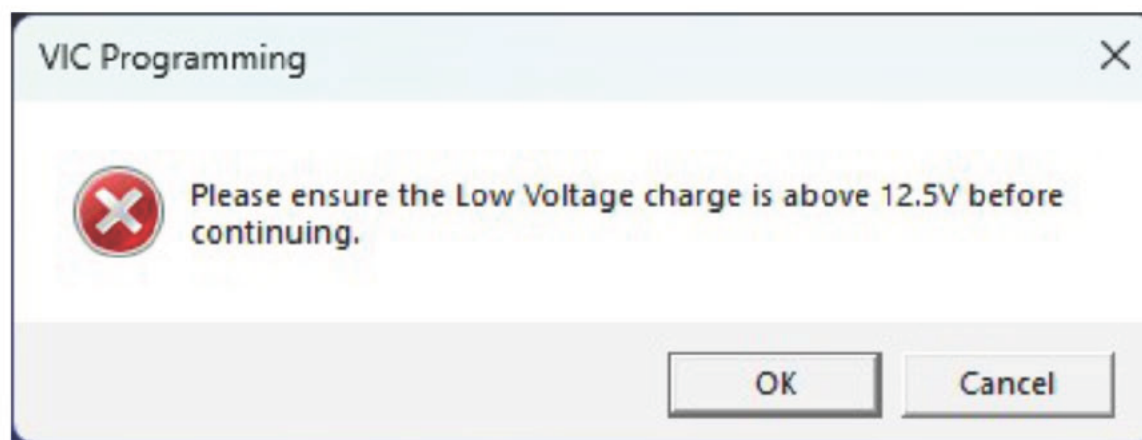


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Fig. 3, Start Flash Screen

6. ☐ Select 'OK' on the VIC Programming alert, confirming that the vehicle low-voltage system is at or above 12.5 V. See Fig. 4.



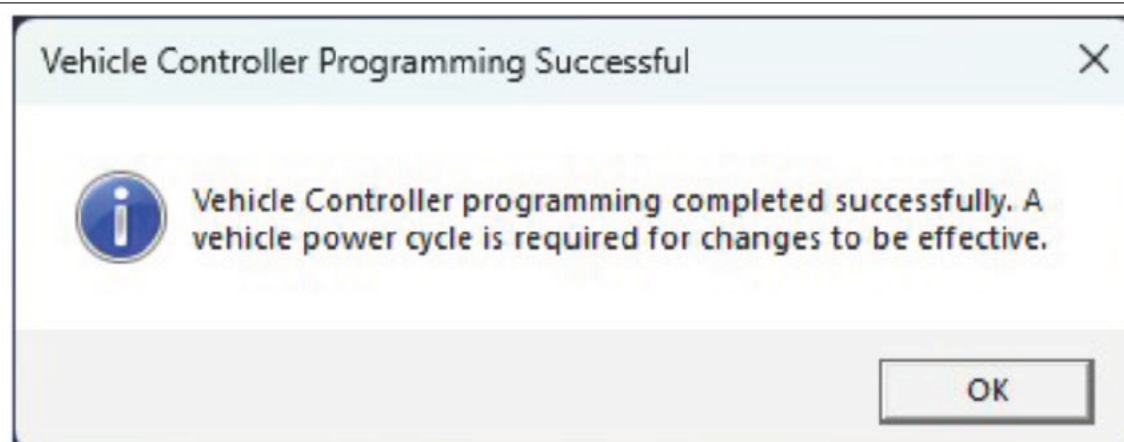
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Fig. 4, VIC Programming Alert

7. ☐ Wait while the software update is applied, ensuring that power to the vehicle and the RP1210 (Nexiq) interface is not interrupted during the update process.

8. ☐ Once programming is complete, select 'OK' on the Vehicle Controller Programming Successful alert. See Fig. 5.

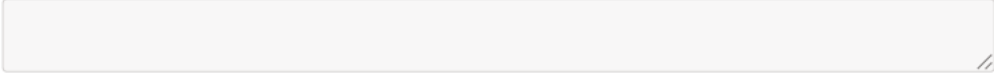
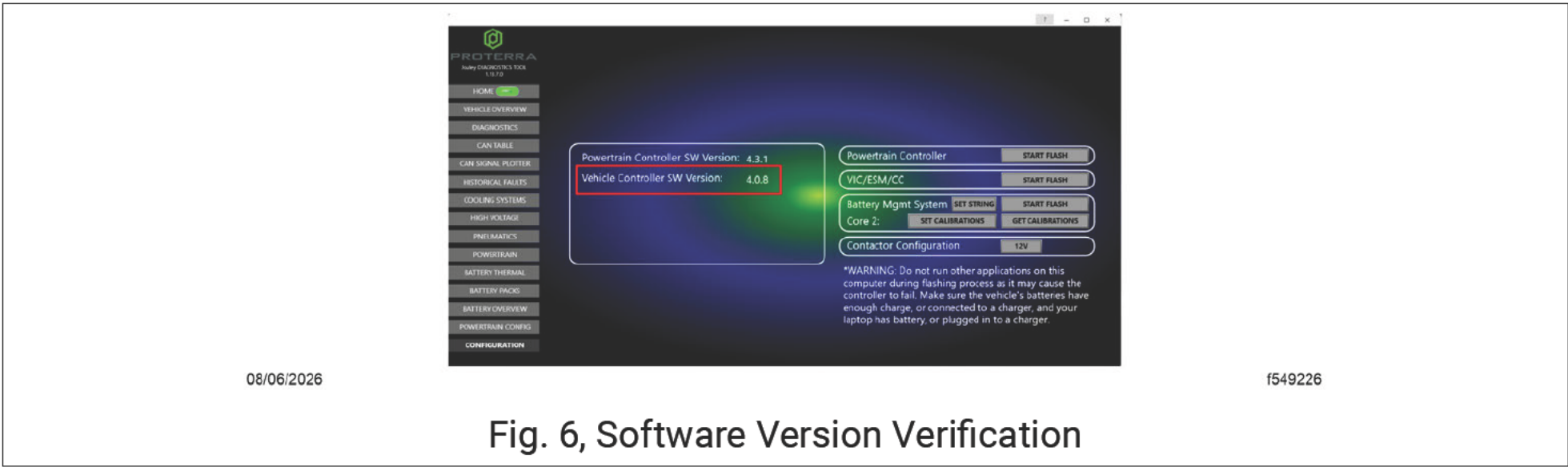


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Fig. 5, Programming Successful Alert

9. ☐ Cycle the ignition switch to confirm that the update was successfully applied. Confirm that software version 4.0.8 is displayed in the configuration tab. See Fig. 6.



Warranty Statement

This procedure is warrantable only if the described condition exists and the repair is performed within the applicable base or extended coverage warranty period.

Table 1, OWL VMRS Codes and Labor Allowance

Damage Code and Time Guide Information						
Primary Failed Part	Component Code	Cause Code	Correction Code	SRT Code	Description	Hours
66-34692-000	039-005-001	51	23	7A5-5000A	Software update	0.3
66-40837-000	039-005-001	51	23	7A5-5000A	Software update	0.3

Table 1, OWL VMRS Codes and Labor Allowance

Note:
039-005-005
C10
TROUBLESHOOT
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