

SS 3175-FTL Progressive Low Voltage Disconnect Parameter Update

Applicable Vehicles

New Cascadia vehicles built between July 1st, 2021 and February 5th, 2025.

M2+ vehicles built between January 9th, 2023 and February 5th, 2025.

Vehicles must be equipped with Progressive Low Voltage Disconnect feature which is ordered under the following sales codes.

Sales codes:

306-015: Progressive low voltage disconnect at 12.3 volts for designated circuits

306-016: Progressive low voltage disconnect at 12.1 volts for designated circuits

Symptoms

Depleted vehicle batteries often accompanied by a sufficiently cold refrigerator.

Issue

While the vehicle is shut off and parked for extended periods the batteries are protected from over-discharge with the Progressive Low Voltage Disconnect feature. Due to an error in a feature parameter which wakes up the ASAM periodically to check battery voltage, the feature did not work as intended. This error caused failure to disconnect specific loads from the power supply causing batteries to over-discharge.