Part 573 Safety Recall Report 25E-018

Manufacturer Name : Cummins, Inc.
Submission Date : APR 09, 2025
NHTSA Recall No. : 25E-018
Manufacturer Recall No. : C7135

Manufacturer Information :

Manufacturer Name : Cummins, Inc.
Address : Box 3005
Mail Code COB118 Columbus IN
47202-3005
Company phone : 812-377-5000

Population :

Number of potentially involved : 103
Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 :	Cummins, Inc.
Model :	High Voltage Battery used in PowerDrive 7000
Part No. :	6388081
Size :	NR
Function :	Electric Drive
Descriptive Information :	This notice covers electric vehicle battery packs that are used in certain Cummins Accelera PowerDrive 7000 electric drivetrains. The PowerDrive 7000 electric drive components, minus the batteries, were shipped to Cummins' OEM customer, Blue Bird Corporation, from Cummins. Cummins placed the order for these battery packs from BorgWarner, and the battery packs were shipped directly from BorgWarner to Blue Bird who assembled the complete drivetrain themselves. Although Cummins neither manufactured the subject batteries nor assembled them into the drivetrain, Cummins is voluntarily submitting this defect notification to facilitate remedying affected vehicles. The potentially affected population was determined based on specific electric drivetrains equipped with suspect battery packs identified by BorgWarner. There are a total of 19 suspect battery packs in the Cummins recall population. Cummins has vehicle traceability for eleven of the battery packs (two of which remain at the OEM in the United States, six are installed in vehicles located in the United States and three are installed in vehicles located in Canada). Due to limited serial number traceability, however, Cummins will need to notify the owners of up to 95 additional US-based vehicles to identify the remaining eight suspect battery packs. Therefore, the Number Potentially Involved has been listed as 103 units. The listed part number is the Battery Part Number, not the part number of the PowerDrive 7000 Electric Drive.
Production Dates :	JAN 01, 2023 - AUG 08, 2024

Description of Defect :

Description of the Defect :	According to the supplier, pieces of the fastener hardware internal to the High Voltage Battery may become detached because of inadequate manufacturing process control at the supplier. Broken pieces may become debris and potentially cause an internal short circuit.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	An internal short circuit may lead to a partial battery fire and activate the Thermal Runaway Detection (TRD) warning, which would open the High

Description of the Cause :	Voltage Battery contactors. This may cause a sudden loss of motive power without warning, increasing the risk of a crash. Supplier had inadequate manufacturing process control for internal fasteners.
Identification of Any Warning that can Occur :	A red lamp will illuminate on the vehicle dashboard.

Involved Components :

Component Name :	BorgWarner (Akasol) Gen3 Battery Pack
Component Description :	Battery Pack
Component Part Number :	BorgWarner Part Number P102040200012

Supplier Identification :

Component Manufacturer

Name :	BorgWarner
Address :	3800 Automation Ave Auburn Hills Michigan 48326
Country :	United States

Chronology :

February 14, 2025: BorgWarner notified the Accelera Supplier Quality function of a quality issue
February 21, 2025: Discussion was initiated with the Accelera Product Safety team
February 24, 2025: Follow-up discussion was conducted with BorgWarner
March 4, 2025: Although Cummins neither manufactured the subject batteries nor assembled them into the drivetrain itself, the issue was reviewed by the Cummins Product Safety Defect Board (PSDB) and, based upon information available to date, the PSDB authorized this defect notification to facilitate remedying affected vehicles.

To date, there have been no reports of vehicle fire or injuries due to this condition.

Description of Remedy :

Description of Remedy Program :	For one vehicle in the vehicle manufacturer's inventory that is fitted with two suspect High Voltage Battery Packs, the remedy is to replace the suspect High Voltage Battery Packs with new replacements. For vehicles that have left the vehicle manufacturer's control, the remedy is (i) to remove all suspect High Voltage Battery Packs from the vehicle, (ii) to ship the suspect High Voltage Battery Packs to an offline repair location, and (iii) to reinstall the repaired High Voltage Battery Packs in the vehicle when they are returned from the offline repair location. Cummins requests that it be exempt from providing notification of a reimbursement plan. Any pre-notification product failure would have been corrected under the manufacturer's limited warranty. Accordingly, no person would be eligible for reimbursement pursuant to 49 CFR Part 573.13.
How Remedy Component Differs from Recalled Component :	The remedy High Voltage Battery Packs do not contain the defect because of the offline repair work performed by the supplier to correct the issue.
Identify How/When Recall Condition was Corrected in Production :	Cummins was advised by the supplier, BorgWarner, that this condition was corrected on 08/08/2024 when the supplier implemented improvements to its manufacturing process control.

Recall Schedule :

Description of Recall Schedule :	Cummins expects to notify the OEM by 3/18/2025. Subject to consultation and agreement with the OEM, Cummins will conduct the recall, including sending owner notifications. The timing of owner notification will be determined in consultation with the OEM. In any event, Cummins expects to notify owners no later than 5/10/2025 pending availability of owner addresses from the OEM.
Planned Dealer Notification Date :	MAY 10, 2025 - MAY 10, 2025
Planned Owner Notification Date :	MAY 10, 2025 - MAY 10, 2025

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name :	Blue Bird Corporation
Address :	3920 Arkwright Rd. Suite 200 Macon GA 31210
Country :	US
Company Phone :	4789935093

* NR - Not Reported