

Part 573 Safety Recall Report

24V-934

Manufacturer Name : Cummins, Inc.**Submission Date :** DEC 17, 2024**NHTSA Recall No. :** 24V-934**Manufacturer Recall No. :** C5807**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 :** 205**Estimated percentage with defect :** 100 %**Vehicle Information :****Vehicle 1 :** 2022-2024 Cummins Power Generation C275D2RE**Vehicle Type :** TRAILERS**Body Style :****Power Train :** NR

Descriptive Information : This recall covers certain Cummins Power Generation generator sets mounted on trailers manufactured by Helgesen Industries Inc. and MMDi Inc. Cummins Power Generation does not assign model years to these products, but the units were manufactured during calendar years 2022, 2023 and 2024. The recall population consists of all model C275D2RE generator sets assembled following the introduction of a wiring harness design and part number change, beginning on January 2, 2022 and ending on December 6, 2024 when the C275D2RE assembly procedure document was updated to eliminate the issue.

Production Dates : FEB 14, 2022 - SEP 13, 2024**VIN Range 1 : Begin :** 5632F2031LM000671 **End :** 5851f1531rp025802☒ Not sequential**Description of Defect :**

Description of the Defect : Exposed leads providing service access to fuse holders within the wiring harness of the subject generator sets may vibrate and chafe against the housing or terminal stud of the starter motor, abrading the wire insulation. This condition may result in an electrical short.

FMVSS 1 : NR**FMVSS 2 :** NR

Description of the Safety Risk : An electrical short in the generator set wiring harness creates a risk of electric shock and/or fire which in turn presents a risk of burns or smoke inhalation.

Description of the Cause : This condition resulted from potentially incomplete instructions to assembly personnel on how to route and secure the wiring harness.

Identification of Any Warning that can Occur : Operators, bystanders or service personnel may smell smoke. Possible precursors to the existence of the hazard include blown fuses (if wiring harness lead abrasion occurs downstream of the fuse location), or hot wires being observed by service personnel during maintenance events.

Involved Components :

Component Name 1 : Wiring Harness

Component Description : C275D2RE Generator Set Wiring Harness

Component Part Number : A065H306

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

October 11, 2024: A C275D2RE generator set rental unit owned by United Rental experienced a fire
October 25, 2024: Cummins received notification of the fire on the United Rental unit
November 18, 2024: A work order for repair of the damaged United Rental generator set was created
November 21, 2024: Two additional C275D2RE generator sets in the same fleet were inspected and found to have signs of wiring harness lead chafing
November 21, 2024: Cummins Power Systems Product Safety Leader was notified of the issue
November 22, 2024: Cummins initiated a Product Safety Hazard Analysis to evaluate the potential safety risk
November 26, 2024: An inspection of work-in-progress and finished C275D2RE generator set units at the Cummins Power Generation manufacturing facility in Fridley, Minnesota found units with contact between the exposed leads and the starter motor
December 2, 2024: The Product Safety Hazard Analysis for this issue was completed and escalated through the Product Safety Defect Determination process for review by the Product Safety Defect Board
December 10, 2024: The Product Safety Defect Board determined that the issue may constitute a Safety Defect and decided to initiate this recall.

To date, Cummins has not received any reports of injuries related to this issue.

Description of Remedy :

Description of Remedy Program :	<p>The remedy is (i) to inspect the generator set wiring harness for signs of chafing and abrasion, (ii) to repair or replace the generator set wiring harness if it is found to be damaged, and (iii) secure the exposed wiring harness leads to prevent contact with the housing or terminal stud of the starter motor.</p> <p>Pursuant to 49 CFR 577.11(e), Cummins requests that it be exempt from providing notification of a reimbursement plan. Any pre-notification product failure would have been replaced under the manufacturer's limited warranty. Accordingly, no person would be eligible for reimbursement pursuant to 573.13.</p>
How Remedy Component Differs from Recalled Component :	<p>The remedy will involve application of zip ties to the existing wiring harness (if no abrasion is identified) or the new wiring harness (if replacement is required). Then zip ties will secure the exposed wiring harness leads and prevent contact with the housing or terminal stud of the starter motor.</p>
Identify How/When Recall Condition was Corrected in Production :	<p>The C275D2RE assembly procedure document was updated on December 6, 2024 to better illustrate the correct and required wiring harness routing. The C275D2RE assembly procedure document was also updated to require the use of zip ties to secure the exposed wiring harness leads and prevent contact with the housing or terminal stud of the starter motor.</p>

Recall Schedule :

Description of Recall Schedule :	<p>Cummins expects to release a safety campaign and to notify owners by February 7, 2025. There will be no dealers affected by this campaign; accordingly, Cummins does not anticipate issuing dealer notification.</p>
Planned Dealer Notification Date :	<p>NR - NR</p>
Planned Owner Notification Date :	<p>FEB 07, 2025 - FEB 07, 2025</p>

* NR - Not Reported