

Part 573 Safety Recall Report

24V-932

Manufacturer Name : Mitsubishi Fuso Truck of America, Inc.

Submission Date : JAN 08, 2025

NHTSA Recall No. : 24V-932

Manufacturer Recall No. : C10131



Manufacturer Information :

Manufacturer Name : Mitsubishi Fuso Truck of America, Inc.

Address : 2015 Center Square Road

Logan Township NJ 08085

Company phone : 4674500

Population :

Number of potentially involved : 243

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2024-2024 Mitsubishi Fuso FEC7K, FEC9K RIZON trucks

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : All RIZON vehicles imported are affected by this recall. There are 9 2024 model year FEC7K and 234 2024 model year FEC9K trucks affected for a total of 243 vehicles.

Production Dates : SEP 22, 2023 - JUL 12, 2024

VIN Range 1 : Begin : JL6BBG120RK010029 **End :** JL6CCK13XRK010276 Not sequential

Description of Defect :

Description of the Defect : An error in circuit design allows a continuous overcurrent flow through the C6 connector.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Vehicles with a runtime of over 20k km can experience discoloration and damage to the connector pin due to overcurrent flowing through the housing. In the worst case, the vehicle control unit may malfunction, decelerating the vehicle and preventing further acceleration causing a crash without warning.

Description of the Cause : The cause of the failure is an incorrect circuit design.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : EL.WIR.HARNSS CAB

Component Description : Electrical wiring harness Cab

Component Part Number : A8205403026 (production p/n) / MX993342 (spare p/n)

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

During durability testing, MFTBC found two instances of circuit overcurrent. On May 7, 2024 a research team was formed and to analyze the overcurrent issue. Additional durability testing of the 13 R&D vehicles resulted in 6 occurrences, for a total failure rate of 46%. The research team concluded that in the worst case when the failure occurs, the EV system may shut down, leading to deceleration and the inability to restart the truck. On September 11, 2024, the team identified the root cause, and developed a corrective action. There have been no issues on production vehicles reported via product quality report or warranty claim.

Description of Remedy :

Description of Remedy Program : A subharness will be installed in all affected vehicles. The connectors and pins will be inspected, and discolored or deformed components will be replaced. Vehicles are under warranty, so no reimbursement statement is required.

How Remedy Component Differs from Recalled Component : The subharness is an additional component.

Identify How/When Recall Condition was Corrected in Production : The circuit was redesigned and corrected in production after 7/12/2024.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on 1/17/2025 via RIZON's dealer intranet site and customers will be notified via 1st class mail on 1/20/2025.

Planned Dealer Notification Date : JAN 17, 2025 - JAN 17, 2025

Planned Owner Notification Date : JAN 20, 2025 - JAN 20, 2025

* NR - Not Reported