

# Part 573 Safety Recall Report

# 23V-564

**Manufacturer Name :** Isuzu Motors Limited**Submission Date :** AUG 10, 2023**NHTSA Recall No. :** 23V-564**Manufacturer Recall No. :** V2305**Manufacturer Information :**

Manufacturer Name : Isuzu Motors Limited

Address : 46401 Commerce Center Drive

Plymouth MI 48170-2473

Company phone : 866-441-9638

**Population :**

Number of potentially involved : 19,479

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2023-2024 ISUZU NPR Gas

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall population determined by production and sales records.

It includes all production vehicles of these model years, makes, and models between the manufacturing dates provided. [1,208]

Production Dates : APR 12, 2022 - JUL 10, 2023

VIN Range 1 : Begin : 54DB4W1D4PS200018 End : 54DB4W1D1RS207589  Not sequential

Vehicle 2 : 2023-2024 ISUZU NPR HD Gas

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall population determined by production and sales records.

It includes all production vehicles of these model years, makes, and models between the manufacturing dates provided. [11,788]

Production Dates : APR 11, 2022 - JUL 12, 2023

VIN Range 1 : Begin : 54DC4J1D9PS200006 End : 54DC4W1D2RS207718  Not sequential

Vehicle 3 : 2024-2024 ISUZU NQR Gas

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall population determined by production and sales records.  
It includes all production vehicles of these model years, makes, and models between the manufacturing dates provided. [146]

Production Dates : APR 05, 2023 - JUL 09, 2023

VIN Range 1 : Begin : 54DE5W1D3RS500002 End : 54DE5W1D6RS500205  Not sequential

Vehicle 4 : 2024-2024 ISUZU NRR Gas

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall population determined by production and sales records.  
It includes all production vehicles of these model years, makes, and models between the manufacturing dates provided. [921]

Production Dates : APR 06, 2023 - JUL 10, 2023

VIN Range 1 : Begin : 54DE5W1DXRSR00008 End : 54DE5W1D8RSR01173  Not sequential

Vehicle 5 : 2023-2024 CHEVROLET LCF 3500HG

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall population determined by production and sales records.  
It includes all production vehicles of these model years, makes, and models between the manufacturing dates provided. [662]

Production Dates : APR 12, 2022 - JUL 07, 2023

VIN Range 1 : Begin : 54DBDW1D1PS200042 End : 54DBDW1D7RS207421  Not sequential

Vehicle 6 : 2023-2024 CHEVROLET LCF 4500HG

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall population determined by production and sales records.  
It includes all production vehicles of these model years, makes, and models between the manufacturing dates provided. [4,692]

Production Dates : APR 11, 2022 - JUL 12, 2023

VIN Range 1 : Begin : 54DCD1D4PS200012 End : 54DCDW1D5RS207745  Not sequential

Vehicle 7 : 2024-2024 CHEVROLET LCF 5500HG

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

**Descriptive Information :** Recall population determined by production and sales records.  
It includes all production vehicles of these model years, makes, and models between the manufacturing dates provided. [18]

Production Dates : JUN 02, 2023 -JUN 07, 2023

VIN Range 1 : Begin : 54DEEJ1D3RS500147 End : 54DEEJ1D5RS500151  Not sequential

Vehicle 8 : 2024-2024 CHEVROLET LCF 5500XG

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

**Descriptive Information :** Recall population determined by production and sales records.  
It includes all production vehicles of these model years, makes, and models between the manufacturing dates provided. [44]

Production Dates : JUN 02, 2023 -JUL 08, 2023

VIN Range 1 : Begin : 54DEEW1D0RSR00549 End : 54DEEJ1D9RSR01159  Not sequential

## Description of Defect :

**Description of the Defect :** When the chassis harnesses of the subject vehicles were designed, an incorrectly sized wire seal was selected for the 2 externally mounted engine ignition coil pack fuse holders. This results in the potential for water intrusion into the fuse holders and eventual corrosion or failure of the fuses.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** If the ignition coil pack fuses corrode or fail, one or more of the following events could occur – in each case, increasing the risk of a crash:

- Engine will begin to misfire and power output may be reduced, resulting in slower than normal vehicle acceleration (roughly 30% increased acceleration times);
- Engine will derate and maximum vehicle speed will be limited to 5 MPH (power brake assist and power steering assist will still function normally);
- While trying to start the engine, it may stall and not restart.

**Description of the Cause :** There was a subcomponent specification error in the engineering drawing for the chassis harness which improperly called out for the use of a silicone wire seal with two large 2.45mm openings for the wires instead of one 2.45mm and one 1.55mm opening.

- Identification of Any Warning that can Occur :
- A steady Check Engine MIL with an audible engine misfire and vehicle shake or vibration may occur.
  - The vehicle will also have reduced power and may emit a fuel smell from the exhaust.
  - Continued use in this condition will result in a continuous flashing Check Engine MIL and a vehicle speed derate to 5MPH. If this occurs, power steering assist and power brake assist functions are still retained.

## Involved Components :

Component Name 1 : Main Chassis Harness

Component Description : Harness, Chassis

Component Part Number : 8977986391, 8978736183, 8977986401, 8978736193, 8977986411, 8978736203, 8977986421, 8978736213, 8978

## Supplier Identification :

### Component Manufacturer

Name : American Furukawa INC

Address : 2181 International St.  
Columbus Ohio 43228

Country : United States

## Chronology :

Chronology uploaded separately.

## Description of Remedy :

Description of Remedy Program : For vehicles that have not yet been delivered to the first retail purchaser, dealers will apply a silicone sealant to the rear of the existing fuse holders or install revised coil pack fuse holders (“pigtailed”) depending on vehicle class and body upfit status.

For vehicles delivered into customer hands, dealers will replace both engine ignition coil pack fuse holder assemblies with the revised coil pack fuse holders (“pigtailed”).

REIMBURSEMENT: All vehicles that previously had this condition repaired would have been covered under the New Truck Warranty or Engine Emission Warranty standard on all new purchases.

How Remedy Component Differs from Recalled Component : The Ignition coil pack circuits in future chassis harnesses will be assembled with two 2.9mm diameter wires instead of one 2.1mm and one 2.9mm diameter wire, this will result in a correct wire to seal interference and prevent water intrusion into the fuse holder.

Identify How/When Recall Condition was Corrected in Production : Vehicles produced on or after July 12, 2023 have silicone applied to the rear of the fuse holders to prevent water intrusion. A revised harness is planned for future production which will utilize two 2.9mm diameter wires for each fuse holder.

## Recall Schedule :

Description of Recall Schedule : Isuzu and Chevrolet will notify their respective vehicle owners and dealers of this recall. They will be informed that the recall repairs will be done free of charge. However, remedy parts for customer vehicles are not currently available and Isuzu does not yet know when the parts will become available. Therefore, it will be necessary to send an Interim Owner Letter advising vehicle owners of the recall, that remedy parts are not currently available and that they will receive a second letter when remedy parts become available. The interim recall owner notification is expected to begin 9/29/2023. In addition, it is anticipated that remedy parts for affected vehicles in dealer inventory will not be available for approximately six weeks. As a result, the Stop Sale Notice that will be provided to dealers upon submission of this Defect Information Report will instruct dealers to hold affected vehicles in their inventory until receiving further notification and a Campaign Bulletin when remedy parts become available.

For additional information, Isuzu owners may contact Isuzu Customer Relations at 1-866-441-9638 and Chevrolet owners may contact the GM Medium Duty Truck assistance line at 1-800-862-4389.

Planned Dealer Notification Date : AUG 11, 2023 - AUG 11, 2023

Planned Owner Notification Date : SEP 29, 2023 - SEP 29, 2023

\* NR - Not Reported