



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V414

Manufacturer Name: International Motors, LLC

Submission Date: Aug 04, 2025

NHTSA Recall No.: 25V414

Manufacturer Recall No.: 25507

Manufacturer Information

Population

Manufacturer Name: International Motors, LLC

Address: 2701 Navistar Drive
Lisle IL, 60532

Total number of potentially involved: 12,004

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2019-2025 INTERNATIONAL CV

Product Category:

Product Type:

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Jan 11, 2018 - Sep 09, 2024

Number of potentially involved: 12,004

Descriptive Information:

· The suspect population was identified by vehicles remedied under Safety Recall 23V-282 (International 23511) and manufactured without a silicone block harness, built 1/11/2018 thru 9/9/2024 with feature codes 0004198, 0004240 (Brake system, hydraulic with Hydromax brake booster).

· The vehicles in the suspect population were identified by their recall remedy completion status, manufactured without a silicone block harness, build dates and feature codes: 0004198, 0004240 (Brake system, hydraulic with Hydromax brake booster). All other similar vehicles, which are not subject to this recall or have not yet had the remedy for 23V-282 (International 23511) performed, are excluded.

Defect / Noncompliance Description

Description of the defect or noncompliance:

- These vehicles may have been built with a brake pressure switch assembly that allows brake fluid to leak beyond the diaphragm seal into the pressure switch. The brake fluid may seep into the switch's electrical components and short the brake pressure switch.

FMVSS1:

FMVSS2:

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Description of the safety risk, including crash, fire, death, injury:

- If brake fluid shorts the brake pressure switch and the associated fuse, the circuit can generate excessive heat that can result in a fire increasing the risk of property damage or personal injury to the operator.

Description of the cause:

Identification of any warning that can occur:

- This condition may set a “service brake system” malfunction indicator lamp. Until the recall remedy is performed, affected owners are advised to park their vehicles outdoors.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name:

Address:

Country:

Involved Components

Component Name 1: SWITCH

Component Description: HYDRUALIC BRAKE PRESSURE SWITCH

Component Part Number: 4052584C2

Chronology

5/5/2025 – General Motors (GM) notifies International that a thermal incident occurred in a vehicle that was previously remedied under Safety Recall 23V-266.

5/28/2025 –GM invites International to participate in a joint inspection of the vehicle described above, where it was found that the thermal event originated at the fuse holder in the brake pressure switch harness.

5/29/2025- International R&D begins its review and analysis of the findings from the joint inspection.

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6/4/2025- GM provides X-Ray and chemical analysis of fuse holder which revealed the presence of brake fluid within the wiring of the fuse holder.

6/5/2025- International R&D and Product Safety Office concludes that the presence of brake fluid was most likely due to the harness not being replaced as allowed by the service procedure of Recall 23V-266.

6/10/2025-International continues its analysis of internal and GM-supplied data, and concludes that no International vehicle has exhibited residual brake fluid in the brake pressure switch/fuse harness to date, nor have any thermal events occurred in International vehicles remedied under Safety Recall 23V-282 (23511), regardless of the service procedure followed. However, there remains a possibility of residual brake fluid in harnesses that were not replaced during Safety Recall 23V-285 (23511).

6/11/2025 – International finalizes suspect population.

6/12/2025 – International declares a safety recall.

6/13/2025 – International opens an investigation for vehicles that were built after the suspect population of Recall 23V-266 (23511).

6/18 – 7/17/2028 – International Field Service coordinates 90 inspections on vehicles built without a silicone block brake pressure switch/fuse harness.

7/16/2025 – Vehicles inspected revealed the presence of brake fluid within the wiring of the fuse holder on vehicles manufactured with an improved brake pressure switch.

7/17/2025 – International requests switch and brake wiring harness to be returned for part analysis.

7/31/2025 – International receives and confirms brake fluid within the wiring of the fuse holder.

7/31/2025 – International approves expanding the suspect population build date, adds additional vehicles and other revisions to this recall, 25V-414 (25507).

Related NHTSA Recall Number: 23511

Description of Remedy

Remedy Type: Repair

Consumer Advisories: Do Not Drive Park Outside

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Description of remedy program:

- Vehicles that were remedied under Safety Recall 23V-282 (23511) and manufactured without the silicone block harness will have a new brake pressure switch/fuse harness installed that contains an anti-capillary wire that will block fluid from wicking up the copper.
- The service procedure for vehicles not yet remedied under Safety Recall 23V-282 (23511) will be modified to eliminate the harness inspection and require the replacement of the brake pressure switch/fuse harness with an anti-capillary wire that will block fluid from wicking up the copper.

How remedy component differs from recalled component:

NA

Identify how/when recall condition was corrected in production:

- See chronology.

Reimbursement Plan

Description of reimbursement program:

- International's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 06/07/2024 applies and reimbursement instructions will be included in the customer notification.

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

- It is estimated that the dealer notification letter will be mailed by 8/1/2025.
- It is estimated that the Customer notification letter will be mailed by 8/11/2025.

Planned Dealer Notification Date:

No Dealers

Planned Interim Owner Notification Date:

No Owners

Planned Remedy Owner Notification Date:

Phased Recall

Date when VIN will be searchable: