



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V502

Manufacturer Name: International Motors, LLC

Submission Date: Aug 06, 2025

NHTSA Recall No.: 25V502

Manufacturer Recall No.: 25509

Manufacturer Information

Population

Manufacturer Name: International Motors, LLC

Address: 2701 Navistar Drive
Lisle IL, 60532

Total number of potentially involved: 4,764

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2018-2025 ic bus TC

Product Category:

Product Type:

Fuel / Propulsion:

Production Dates: May 24, 2018 - Feb 15, 2024

Number of potentially involved: 346

Descriptive Information:

The basis for how the recall population was determined:

· The suspect population was identified by vehicles remedied under Safety Recall 23V-397 (International 23517) and manufactured without a silicone block harness, built 9/20/2017 thru 6/24/2024 with feature codes 0004198, 0004240 (Brake system, hydraulic with Hydromax brake booster).

How the recalled products differ from products that were not included in the recall

· 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 Safety Recall 23V-397 (International 23517) performed, are excluded.

Vehicle 2: 2017-2025 INTERNATIONAL MV

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Part 573 Safety Recall Report

25V502

Fuel / Propulsion:

Production Dates: Oct 25, 2017 - Jun 24, 2024

Number of potentially involved: 3,206

Descriptive Information:

The basis for how the recall population was determined:

· The suspect population was identified by vehicles remedied under Safety Recall 23V-397 (International 23517) and manufactured without a silicone block harness, built 9/20/2017 thru 6/24/2024 with feature codes 0004198, 0004240 (Brake system, hydraulic with Hydromax brake booster).

How the recalled products differ from products that were not included in the recall

· 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 Safety Recall 23V-397 (International 23517) performed, are excluded.

Vehicle 3: 2024-2025 IC BUS CECB

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion:

Production Dates: Nov 26, 2018 - Dec 07, 2023

Number of potentially involved: 5

Descriptive Information:

The basis for how the recall population was determined:

· The suspect population was identified by vehicles remedied under Safety Recall 23V-397 (International 23517) and manufactured without a silicone block harness, built 9/20/2017 thru 6/24/2024 with feature codes 0004198, 0004240 (Brake system, hydraulic with Hydromax brake booster).

How the recalled products differ from products that were not included in the recall

· 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 Safety Recall 23V-397 (International 23517) performed, are excluded.

Part 573 Safety Recall Report

25V502

Vehicle 4: 2018-2018 INTERNATIONAL 4000 SERIES 4300

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion:

Production Dates: Sep 20, 2017 - Jan 09, 2029

Number of potentially involved: 647

Descriptive Information:

The basis for how the recall population was determined:

· The suspect population was identified by vehicles remedied under Safety Recall 23V-397 (International 23517) and manufactured without a silicone block harness, built 9/20/2017 thru 6/24/2024 with feature codes 0004198, 0004240 (Brake system, hydraulic with Hydromax brake booster).

How the recalled products differ from products that were not included in the recall

· 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 Safety Recall 23V-397 (International 23517) performed, are excluded.

Vehicle 5: 2018-2024 INTERNATIONAL 1300FBC

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion:

Production Dates: Nov 29, 2017 - Jun 14, 2023

Number of potentially involved: 560

Descriptive Information:

The basis for how the recall population was determined:

· The suspect population was identified by vehicles remedied under Safety Recall 23V-397 (International 23517) and manufactured without a silicone block harness, built 9/20/2017 thru 6/24/2024 with feature codes 0004198, 0004240 (Brake system, hydraulic with Hydromax brake booster).

How the recalled products differ from products that were not included in the recall

· 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

Part 573 Safety Recall Report

25V502

subject to this recall or have not yet had the remedy for Safety Recall 23V-397 (International 23517) 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:

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

Part 573 Safety Recall Report

25V502**Component Part Number:** 4052584C2

Chronology

6/13/2025 – International opens an investigation for vehicles that were built after the suspect population of Recall 23V-266 (International 23511), Safety Recall 23V-397 (International 23517), Safety Recall 23V-398 (International 23518)

6/18 – 7/17/2025 – International Field Service coordinates 90 inspections on vehicles built without a silicone block brake pressure switch/fuse harness.

7/16/2025 – Certain 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 finalizes suspect population.

7/31/2025 – International declares a safety recall.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Replace**Consumer Advisories:** ☐ Do Not Drive ☒ Park Outside**Description of remedy program:**

- Vehicles that were remedied under Safety Recall 23V-397 (International 23517) and manufactured without the silicone block harness will have a new silicone block jumper 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-397 (International 23517) will be modified to eliminate the harness inspection and will require the replacement of the switch and silicone block jumpers installed under 23517.

How remedy component differs from recalled component:

Part 573 Safety Recall Report**25V502**

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule**Description of recall schedule:**

- It is estimated that the dealer notification letter will be mailed by 9/22/2025.
- It is estimated that the Customer notification letter will be mailed by 9/29/2025.

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: