



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V501

Manufacturer Name: International Motors, LLC

Submission Date: Aug 05, 2025

NHTSA Recall No.: 25V501

Manufacturer Recall No.: 25508

Manufacturer Information

Population

Manufacturer Name: International Motors, LLC

Address: 2701 Navistar Drive
Lisle IL, 60532

Total number of potentially involved: 1,129

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2025-2025 INTERNATIONAL RH

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion:

Production Dates: Oct 30, 2024 - Dec 02, 2024

Number of potentially involved: 33

Descriptive Information:

The basis for how the recall population was determined:

· The suspect population was identified by certain vehicles built 12/12/2023 thru 6/11/2025 with air tanks located between the frame rails (0004VHX, 0004VJK, 0004VJG), and either Eaton or International automated manual transmissions with electronic stability control or automatic traction control (0004AZJ, 0004AZS, or 0004AZV), and Hill Start Assist (0504240).

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

· The suspect population was identified by certain vehicles built 12/12/2023 thru 6/11/2025 with air tanks located between the frame rails (0004VHX, 0004VJK, 0004VJG), and either Eaton or International automated manual transmissions with electronic stability control or automatic traction control (0004AZJ, 0004AZS, or 0004AZV), and Hill Start Assist (0504240). All other similar vehicles, which are not subject to this recall, are excluded.

Vehicle 2: 2024-2026 INTERNATIONAL LT

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion:

Part 573 Safety Recall Report

25V501

Production Dates: Dec 12, 2023 - Jun 11, 2026

Number of potentially involved: 1,096

Descriptive Information:

The basis for how the recall population was determined:

· The suspect population was identified by certain vehicles built 12/12/2023 thru 6/11/2025 with air tanks located between the frame rails (0004VHX, 0004VJK, 0004VJG), and either Eaton or International automated manual transmissions with electronic stability control or automatic traction control (0004AZJ, 0004AZS, or 0004AZV), and Hill Start Assist (0504240).

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Defect / Noncompliance Description

Description of the defect or noncompliance:

- The exhaust port on the Hill Start Assist (HSA) can become clogged with ice and debris preventing the release of service brake application pressure.

FMVSS1:

FMVSS2:

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

- Failure to release application air for the service brakes may result in dragging brakes or inability to safely drive the vehicle out of traffic, which may increase the risk of an accident.

Description of the cause:

Identification of any warning that can occur:

Component Manufacturer

Tier of Supplier:

Part 573 Safety Recall Report

25V501**Supplier Type:****Name:****Address:****Country:**

Involved Components

Component Name 1: VALVE**Component Description:** VALVE**Component Part Number:** 4223451C1

Chronology

April 24, 2025: International's Product Safety Office ("Product Safety") reviews a field service report that a vehicle's service brakes were dragging at the beginning of a shift on a single customer's vehicle.

April 28, 2025: Product Safety notifies International R&D about the field service report.

May 5–26, 2025: A warranty search is performed to identify any additional occurrences beyond the original report. At this time, there were no additional reports found.

May 30, 2025: Product Safety meets with International R&D and Field Service to discuss if specific vehicle configurations are more susceptible to water freezing over the exhaust valve.

June 1-July 7, 2025: International R&D conducts a study and determines that certain locations of the HSA valve, specifically when mounted outside the tractor frame rails, may be more exposed to road spray and debris while in service.

July 9, 2025: International R&D confirms that the HSA valve is also used during Adaptive Cruise Control (ACC) events in addition to hill start events. This means that air could be trapped during a light braking event, potentially causing the service brakes to drag.

July 11- 25, 2025: International R&D develops, validates and implements a rerouting of the HSA exhaust to a location protected from road spray and debris.

July 28, 2025: International finalizes suspect population.

Part 573 Safety Recall Report

25V501

July 31, 2025: International declares a safety recall.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Repair

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Reroute the Hill Start Assist (HSA) valve exhaust to an alternative location.

How remedy component differs from recalled component:

Identify how/when recall condition was corrected in production:

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

Planned Dealer Notification Date:

☐ No Dealers

Part 573 Safety Recall Report**25V501****Planned Interim Owner Notification Date:**☐ No Owners**Planned Remedy Owner Notification Date:**☐ Phased Recall**Date when VIN will be searchable:**