



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V806

**Manufacturer Name:** International Motors, LLC

**Submission Date:** Nov 20, 2025

**NHTSA Recall No.:** 25V806

**Manufacturer Recall No.:** 25524

### Manufacturer Information

### Population

**Manufacturer Name:** International Motors, LLC

**Address:** 2701 Navistar Drive  
Lisle IL, 60532

**Total number of potentially involved:** 11,418

**Estimated percentage with defect:** 100%

### Vehicle Information

**Vehicle 1:** 2023-2026 INTERNATIONAL LT

**Product Category:** Buses, Medium & Heavy Vehicles

**Product Type:** Tractor

**Fuel / Propulsion:** Compression Ignition Fuel

**Production Dates:** Apr 08, 2022 - Oct 30, 2025

**Number of potentially involved:** 8,764

**Descriptive Information:**

The suspect population was identified by certain vehicles built 04/08/2022 thru 10/30/2025 with an International S13 engine (feature codes 0012BGT, 0012BGU, 0012GBV, 0012BGW, 0012BGX, 0012BHC), tractor air brakes (feature code 0004092) and without a Spring Brake Modulator Valve (feature code 0004WDT). All other similar vehicles, which are not subject to this recall, are excluded.

**Vehicle 2:** 2023-2026 INTERNATIONAL RH

**Product Category:** Buses, Medium & Heavy Vehicles

**Product Type:** Tractor

**Fuel / Propulsion:** Compression Ignition Fuel

**Production Dates:** Apr 11, 2022 - Oct 29, 2025

**Number of potentially involved:** 2,654

**Descriptive Information:**

The suspect population was identified by certain vehicles built 04/08/2022 thru 10/30/2025 with an International S13 engine (feature codes 0012BGT, 0012BGU, 0012GBV, 0012BGW, 0012BGX, 0012BHC), tractor air brakes (feature code 0004092) and without a Spring Brake Modulator Valve (feature code 0004WDT). All other similar vehicles, which are not subject to this recall, are excluded.

# Part 573 Safety Recall Report

**25V806**

## Defect / Noncompliance Description

**Description of the defect or noncompliance:**

Under certain conditions, the auto neutral function of the transmission may not recognize the application of the park brake.

**FMVSS1:****FMVSS2:****Description of the safety risk, including crash, fire, death, injury:**

If the transmission does not recognize that the park brake is applied, it can remain in gear. If the transmission remains in gear while the service brakes are not applied, the engine's Initial Vehicle Movement Mode (IVM) may begin to apply torque to the driveline, possibly causing the vehicle to move unexpectedly, increasing the risk of a crash or injury.

**Description of the cause:****Identification of any warning that can occur:**

After the dash valve is pulled to apply the park brake, the transmission information center will not indicate the transmission shifts to neutral nor will the parking brake icon illuminate in the instrument cluster.

## Component Manufacturer

**Tier of Supplier:****Supplier Type:****Name:****Address:****Country:**

## Involved Components

**Component Name 1:** Valve**Component Description:****Component Part Number:** 1676745C1

# Part 573 Safety Recall Report

# 25V806

## Chronology

8/20/2025 International receives a field service report noting that a vehicle may have experienced unintended movement after the parking brake was applied.

8/22/2025 A warranty search is performed to identify any complaints, and no additional reports are found. International continues to monitor the issue and requests to inspect the vehicle involved in the initial report described above.

9/24/2025 International completes inspection of vehicle involved in the initial report.

10/3/2025 International reviews findings from the customer complaint and inspection. It was observed that for a short period of time, residual air pressure remained in the parking brake after the parking brake was applied.

10/8/2025 International reviews the findings of residual air pressure that remained in the parking brake and begins investigation into slow air release from the valve on vehicles equipped with an S13 engine and potential impact on parking brake.

10/13/2025 International verifies the vehicle complies with the physical test for parking brake timing.

10/20/2025 International receives a new report of a vehicle experiencing unintended movement after the parking brake was applied.

10/29/2025 International performs a vehicle test and reproduces the unintended movement after the parking brake application was applied.

10/31/2025 International implements delivery stop at Escobedo and San Antonio Assembly Plants.

11/04/2025 International determines that the residual air pressure remaining in the parking brake circuit may delay the signal to the transmission to shift into neutral automatically. This delay also can activate the engine's Initial Vehicle Movement (IVM) function that provides torque to the driveline. International begins an investigation into vehicle configurations where this delay can occur.

11/13/2025 International finalizes the suspect population.

11/13/2025 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:**

The remedy will involve replacing the quick release valve on each rear axle with a new quick release valve.

**How remedy component differs from recalled component:**

# Part 573 Safety Recall Report

**25V806**

The remedy quick release valve has a higher differential crack pressure allowing the park brake circuit to exhaust faster.

**Identify how/when recall condition was corrected in production:**

See chronology.

## Reimbursement Plan

Manufacturer used general reimbursement plan on file.

## Recall Schedule

**Description of recall schedule:**

When parts are available, remedy instructions and owner notifications will be distributed. Tentative schedule as indicated.

**Planned Dealer Notification Date:** Jan 12, 2026 - Jan 12, 2026

☐ No Dealers

**Planned Interim Owner Notification Date:**

☐ No Owners

**Planned Remedy Owner Notification Date:** Jan 19, 2026 - Jan 19, 2026

☐ Phased Recall

**Date when VIN will be searchable:** Jan 12, 2026