

# Part 573 Safety Recall Report

# 18V-289

**Manufacturer Name :** Navistar, Inc.**Submission Date :** MAY 03, 2018**NHTSA Recall No. :** 18V-289**Manufacturer Recall No. :** 18504**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

**Population :**

Number of potentially involved : 72

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2017-2019 International HX

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** Severe Service Diesel Truck; GVWR of 33,001 to 55,001 and over with feature code 04091 (dual air brake system) and 04AZY (Antilock Brake System (ABS) with 6 channel Electronic Stability Protection (ESP)).

The suspect population is identified by models equipped with feature code 04091 (dual air brake system) and 04AZY (ABS with 6 channel ESP).

The inclusive dates of manufacture were determined when the HX model went into production through the date a production change for the airline routing was put into place for vehicles coded with the above feature codes.

The vehicles in the suspect population were built with ABS and ESP with the air supply line to the SR7 roll stability valve improperly routed, and other similar models were built with the air supply line to the SR7 roll stability valve correctly routed.

Production Dates : DEC 08, 2015 - FEB 10, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** On vehicles with ABS and ESP, the air supply line to the SR7 roll stability valve may be plumbed to the ATR6 brake control valve steer axle delivery port instead of the ATR6 brake control valve control port from the treadle valve. This condition does not affect normal brake operation. However, during a stability control oversteer event and with slippery road conditions, the parking brakes may be modulated unintentionally.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Modulation of the parking brake during a stability control oversteer event could lead to loss of control or a vehicle crash.

Description of the Cause : The engineering assembly drawing did not match the brake schematic.

Identification of Any Warning that can Occur : None

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

- 03/01/2018 – Navistar Engineering receives communication from the Design Validation group reporting the air supply line to the SR7 roll stability valve is improperly routed.
- 03/12/2018 – Navistar Manufactured two HX models that had the air supply line to the SR7 roll stability valve improperly routed and quarantines the trucks at the plant.
- 03/22/2018 – Engineering and Compliance meet to determine the scope of the issue in the International products.
- 04/26/2018 – Navistar declares a Safety Recall.

## Description of Remedy :

- Description of Remedy Program :
- The remedy will involve correctly routing the SR7 roll stability valve supply line to the ATR6 brake control valve control port from the treadle valve.
  - Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 10/28/2015, applies and reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : The remedy correctly routes the SR7 roll stability valve supply line to the ATR6 brake control valve control port.

Identify How/When Recall Condition was Corrected in Production : 03/13/2018 – Navistar corrected the airline routing in production assembly at the plants.

**Recall Schedule :**

Description of Recall Schedule : It is estimated that the customer and dealer notification letters will be mailed by 07/02/2018.

Planned Dealer Notification Date : JUL 02, 2018 - JUL 02, 2018

Planned Owner Notification Date : JUL 02, 2018 - JUL 02, 2018

\* NR - Not Reported