

# Part 573 Safety Recall Report

# 22V-355

**Manufacturer Name :** Navistar, Inc.**Submission Date :** MAY 19, 2022**NHTSA Recall No. :** 22V-355**Manufacturer Recall No. :** 22510**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

**Population :**

Number of potentially involved : 15

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2022-2022 International CV

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

- Descriptive Information :
- The suspect population contains a newly designed hydraulic brake line assembly containing the brake pressure sensor that was not tightened to the correct torque.
  - The inclusive dates of manufacture were determined when Navistar began use of the newly designed hydraulic brake line assembly in vehicle production and when the issue was contained at the vehicle assembly plant.
  - Other vehicles built during this time period were built with a different hydraulic brake line assembly or were built with the new hydraulic brake line assembly where the brake pressure sensor was tightened to the correct torque. There are 15 CV series trucks in the suspect population

Production Dates : MAR 23, 2022 - MAR 31, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The pressure sensor fitting of the primary hydraulic brake line assembly may not be tightened to the correct torque and can result in a minor brake fluid leak when the brakes are applied.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A minor leak in the hydraulic brake system on application can result in a soft pedal and in an emergency stop situation may increase the vehicle stopping distance possibly resulting in a vehicle crash.

**Description of the Cause :** The new hydraulic brake line assembly drawing did not contain the torque requirement for the pressure sensor fitting.

- Identification of Any Warning that can Occur :**
- Progression of a soft brake pedal condition
  - Visible signs of brake fluid leak at the pressure sensor fitting during under hood pre-trip inspection.
  - Brake warning light in the instrument cluster indicating low brake fluid.

## Involved Components :

**Component Name 1 :** Hydraulic tube

**Component Description :** Tube; assembly with pressure switch

**Component Part Number :** 4312257C91

## Supplier Identification :

### Component Manufacturer

**Name :** NR

**Address :** NR

NR

**Country :** NR

## Chronology :

- 04/07/2022 – Navistar assembly plant experienced a CV vehicle with a soft brake pedal. Investigation found that the leak was at the brake pressure sensor
- 04/07/2022 – Navistar assembly plant inspects all brake line assemblies for this configuration that are not yet installed and tightens the pressure sensor to the correct torque.
- 04/08/2022 thru 04/22/2022 – Navistar places a ship hold on suspect population, performs a canvass of vehicles onsite at the production facility to check and tighten the pressure sensor to specification.
- 04/12/2022 – Supplier begins to tighten all pressure sensors in brake line assemblies at their location and applies a witness mark indicating they have been tightened to specification.
- 04/18/2022 – Navistar Compliance is made aware of the issue and meets with Engineering and Manufacturing to determine the scope.
- 04/18/2022 thru 05/02/2022 – Root cause analysis is conducted to understand what caused the issued and the severity of the issue.
- 05/09/2022 – Manufacturing and Product Compliance finalize suspect population.

- 05/12/2022 – Navistar declares a Safety Recall.

## Description of Remedy :

Description of Remedy Program :

- The remedy will involve tightening the pressure sensor fitting to the specified assembled torque specification.
- Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 05/06/2022, applies and reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : remedy is to tighten the recalled pressure sensor fitting to its assembly torque specification.

Identify How/When Recall Condition was Corrected in Production : 04/12/2022 – Navistar began using hydraulic brake line assemblies with pressure sensor fittings verified by supplier to be tightened to the correct torque specification.

## Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 07/18/2022.

Planned Dealer Notification Date : JUL 18, 2022 - JUL 18, 2022

Planned Owner Notification Date : JUL 18, 2022 - JUL 18, 2022

\* NR - Not Reported