

Part 573 Safety Recall Report

19V-838

Manufacturer Name : Navistar, Inc.**Submission Date :** DEC 11, 2019**NHTSA Recall No. :** 19V-838**Manufacturer Recall No. :** 19519**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 3

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 International HV

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The suspect population is identified by models built as 6X4 vehicle configurations with 6 channel ABS and vehicle wheelbase greater than 252 inches.

The vehicles in the suspect population were built with a 6X4 vehicle configuration with 6 channel ABS and a wheelbase greater than 252 inches. Similar 6x4 vehicles not included either did not have 6 channel ABS, or their wheelbase was less than 252 inches.

The inclusive dates of manufacture were determined when the 6 channel ABS went into production on a 6X4 vehicle configuration until the issue was contained in manufacturing.

There are three (3) HV series trucks in the suspect population

Production Dates : MAY 02, 2019 - JUL 18, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : The drive axle brake modulator valves may not meet the requirements for FMVSS 121 S5.3.4 Brake release time. Each service brake system shall meet the requirements of S5.3.4.1 (a) and (b).

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : On vehicles with a wheelbase greater than 252 inches, the incorrect valve only affects release timing as specified in FMVSS 121 S5.3.4(a) and (b). This

condition has no effect on normal brake operation. However, an increase in the time required to exhaust the brake chambers, could in rare conditions cause brake drag, which could cause a brake or tire fire, resulting possible property damage.

Description of the Cause : A non-Quick Release Modulator Valve (NQRMV) may have been installed when design specifications require a Quick Release Modulator Valve (QRMV).

Identification of Any Warning that can Occur : None

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

- 11/06/2019 – Navistar manufacturing discovers the issue and quarantines suspect vehicles at the plant.
- 11/07/2019 – Navistar Compliance is notified of the vehicle ship hold and initiates investigation.
- 11/11/19 – Navistar Compliance confirms that the wrong modulator valve part number was installed at the assembly plant, which does not include the quick release valve.
- 11/14/2019 – Engineering determines that only vehicles with wheelbase greater than 252 inches would fail to meet the release timing required by FMVSS 121 S5.3.4(a) and (b). A vehicle search was conducted for 6x4 vehicles, with 6 channel ABS, and wheelbase greater than 252 inches to finalize the suspect population.
- 11/14/2019 – Navistar declares a non-compliance recall.

Description of Remedy :

Description of Remedy Program : •All four rear axle brake modulator valves will have the NQRMV replaced with QRMV.

•Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 10/03/2018, applies and reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : The remedy brake modulator valves are QRMV and the recalled brake modulator valves are NQRMV.

Identify How/When Recall Condition was Corrected in Production : 11/07/2019 – Navistar Manufacturing updates the manufacturing process for 6x4 vehicles, with 6 channel ABS, and wheelbase greater than 252 inches.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 01/20/2020.

Planned Dealer Notification Date : JAN 20, 2020 - JAN 20, 2020

Planned Owner Notification Date : JAN 20, 2020 - JAN 20, 2020

* NR - Not Reported