

Part 573 Safety Recall Report

18V-412

Manufacturer Name : Navistar, Inc.**Submission Date :** JUN 18, 2018**NHTSA Recall No. :** 18V-412**Manufacturer Recall No. :** 18511**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.
 Address : 2701 Navistar Drive
 Lisle IL 60532
 Company phone : 331-332-1590

Population :

Number of potentially involved : 19
 Estimated percentage with defect : 100 %

Vehicle Information :**Vehicle 1 :** 2018-2019 International HX**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** DIESEL

Descriptive Information : Severe Service Diesel Truck; GVWR of 33,001 to 55,001 and over and built with Cummins ISX engine and feature code 0004SPJ (Wabco 37.4 air compressor).

The suspect population is identified by models equipped with feature code 0004SPJ (Wabco 37.4 air compressor) and the inclusive dates of manufacture was determined with the start of use of engines with redesigned fuel filter inlet and outlet lines until the date the issue was contained at the plant.

vehicles in the suspect population were built with feature code 0004SPJ (Wabco 37.4 air compressor) and all similar vehicles not subject to this recall were not.

Production Dates : MAY 30, 2017 - FEB 01, 2018

VIN Range 1 : Begin : NR **End :** NR Not sequential

Vehicle 2 : 2018-2019 International LT**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** DIESEL

Descriptive Information : Heavy Diesel Truck; GVWR of 26,001 to 55,001 and over and built with Cummins ISX engine and feature code 0004SPJ (Wabco 37.4 air compressor).

The suspect population is identified by models equipped with feature code 0004SPJ (Wabco 37.4 air compressor) and the inclusive dates of manufacture was determined with the start of use of engines with redesigned fuel filter inlet and outlet lines until the date the issue was contained at the plant.

The vehicles in the suspect population were built with feature code 0004SPJ (Wabco

37.4 air compressor) and all similar vehicles not subject to this recall were not.

Production Dates : MAY 24, 2017 - APR 21, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The air compressor discharge line may contact the fuel filter inlet and outlet lines (fuel lines) and the heat generated from the air compressor discharge line may cause heat damage to the fuel lines. Continued heat damage to the fuel lines could cause the fuel lines to rupture resulting in a fuel leak and potential vehicle fire.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A fuel leak may cause a vehicle fire resulting in property damage or personal injury.

Description of the Cause : The design failed to take into account the multiple fuel line variations available, depending on engine family and the proximity of the air compressor discharge line with feature code 0004SPJ (Wabco 37.4 air compressor).

Identification of Any Warning that can Occur : None

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

- 04/20/2018 – Navistar’s engineering test group reports a case of hard interference between the air compressor discharge line and the fuel inlet and outlet lines to the fuel filter.
- 05/01/2018 – Navistar initiates investigation to determine the scope of the issue.
- 05/02/2018 – Navistar contains the issue by blocking the use of feature code 0004SPJ (Wabco 37.4 air compressor) in manufacturing.
- 05/28/2018 – Navistar began use of a 45-degree fitting and a redesigned air compressor discharge line to eliminate interference with fuel filter inlet and outlet lines.

- 05/31/2018 – Navistar initiates field investigations of suspect vehicles to determine the severity of the issue.
- 06/01/2018 – Navistar completes its field investigation and finalizes the suspect population.
- 06/13/2018 – Navistar declares a Safety Recall.

Description of Remedy :

Description of Remedy Program : • The remedy will involve replacing the straight fitting on the air compressor and the air compressor discharge line with a 45-degree fitting and a redesigned air compressor discharge line.

• 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 45-degree elbow fitting and redesigned air compressor discharge line eliminates the interference with fuel filter inlet and outlet lines where the recalled air compressor discharge line interferes with the fuel filter inlet and outlet lines.

Identify How/When Recall Condition was Corrected in Production : 05/28/2018 – Navistar began use of a 45-degree fitting and a redesigned air compressor discharge line to eliminate interference with fuel filter inlet and outlet lines.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 07/20/2018.

Planned Dealer Notification Date : JUL 20, 2018 - JUL 20, 2018

Planned Owner Notification Date : JUL 20, 2018 - JUL 20, 2018

* NR - Not Reported