

Part 573 Safety Recall Report

23V-220

Manufacturer Name : Navistar, Inc.**Submission Date :** APR 06, 2023**NHTSA Recall No. :** 23V-220**Manufacturer Recall No. :** 23509**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 770

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2024 International LT

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

- Descriptive Information :**
- The suspect population is identified by models equipped with engine feature code 12BET, 12BEU, 12BEV, 12BEW, 12BEX, 12BEY, 12BEZ, 12BGA, 12BGB, 12BGC, 12BGD, 12BGE, 12BGG, 12BGH, 12BEJ, 12BGK, 12BGL, 12BGM, 12BGN, or 12BGP (International® A26B engine) and ABS feature code 04AAS, 04AZE, 04AZH, 04AZX, 04BAB, or 04BAC (Air Brake Anti-Lock Brake System [ABS] WABCO).
 - The inclusive dates of manufacture were determined by when these specific feature code combinations went into production through when Navistar implemented a ship hold at all manufacturing plants.
 - The vehicles in the suspect population were built with International® A26B engines and with certain ABS feature codes where all other similar vehicles not subject to this recall were not.
- There are 432 LT series trucks in the suspect population.

Production Dates : JUN 11, 2020 - MAR 10, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2024 International RH
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information :

- The suspect population is identified by models equipped with engine feature code 12BET, 12BEU, 12BEV, 12BEW, 12BEX, 12BEY, 12BEZ, 12BGA, 12BGB, 12BGC, 12BGD, 12BGE, 12BGG, 12BGH, 12BEJ, 12BGK, 12BGL, 12BGM, 12BGN, or 12BGP (International® A26B engine) and ABS feature code 04AAS, 04AZE, 04AZH, 04AZX, 04BAB, or 04BAC (Air Brake Anti-Lock Brake System [ABS] WABCO).
- The inclusive dates of manufacture were determined by when these specific feature code combinations went into production through when Navistar implemented a ship hold at all manufacturing plants.
- The vehicles in the suspect population were built with International® A26B engines and with certain ABS feature codes where all other similar vehicles not subject to this recall were not.

There are 338 RH series trucks in the suspect population.

Production Dates : JUN 11, 2020 - MAR 16, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The Engine Control Module disregards throttle pedal input and reduces engine torque when the ABS control unit senses a wheel speed sensor fault and may cause the vehicle to unexpectedly slow to idle speed on the roadway.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A vehicle that unexpectedly slows to idle speed on the roadway can increase the risk of a vehicle crash that may result in property damage, personal injury, or death.

Description of the Cause : A change was made to The Engine Control Module (ECM) programming to support better cruise control response, however when detecting ABS wheel speed sensor faults over the CAN network, this change, interpreted the faults as very high vehicle speeds. The engine then reduced torque, and disregarded throttle pedal input in an effort to reduce the erroneously interpreted high speeds.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : ECM Programming

Component Description : Programming Software

Component Part Number : No Part Number

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

The full chronology exceeds the 2000 character limit and will be uploaded as a Miscellaneous document.

Description of Remedy :

Description of Remedy Program :

- The remedy will involve updating the ECM software to the latest calibration that will release in April 2023.
- 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 : The remedy software includes a vehicle speed quality check that, under certain conditions (like a WSS fault) can switch the vehicle speed source from a wheel speed sensor to the transmission output shaft if necessary, where the recalled software did not include vehicle speed quality check.

Identify How/When Recall Condition was Corrected in Production : /23/2023 – Navistar quarantines all vehicles at its assembly plants including future builds that will have the ECM software updated when the new software becomes available in April 2023.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 05/26/2023.

Planned Dealer Notification Date : MAY 26, 2023 - MAY 26, 2023

Planned Owner Notification Date : MAY 26, 2023 - MAY 26, 2023

* NR - Not Reported