

Part 573 Safety Recall Report

21V-112

Manufacturer Name : Navistar, Inc.

Submission Date : FEB 24, 2021

NHTSA Recall No. : 21V-112

Manufacturer Recall No. : None



Manufacturer Information :

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 7

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 International LT

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information :

- The suspect population and corresponding vehicle dates of manufacture are identified by models equipped with certain Cummins X15 engines having flywheel-to crankshaft attachment cap screws improperly torqued and were identified by Cummins, Inc. (Cummins) using their manufacturing records for cap screw torque.
- The vehicles in the suspect population were built with Cummins X15 engines built within the Cummins suspect engine population and all other similar vehicles were not.

There are 7 LT series trucks in the suspect population

Production Dates : NOV 07, 2020 - DEC 18, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : As reported by Cummins in 21E-009, cap screws attaching the flywheel to the crankshaft may not have been properly torqued to the specification.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As reported in Cummins 21E-009, on affected engines, the flywheel may be susceptible to detaching from the crankshaft, possibly leading to loss of motive power, which may increase the risk of a crash. Additionally, driveline pieces may be ejected from the engine compartment, which may increase the risk of personal injury.

Description of the Cause : AS reported by Cummins in 21E-009, during the affected production period, the torque gun used during the engine assembly process did not have a lower control limit in place.

Identification of Any Warning that can Occur : As reported in Cummins 21E-009, prior to failure, the driver may notice noise, vibration or difficult clutch operation in vehicles equipped with manual transmissions. In vehicles equipped with automated transmissions, a clutch fault lamp may illuminate.

Involved Components :

Component Name 1 : Cap Screw

Component Description : Cap Screw

Component Part Number : D103109BX03

Supplier Identification :

Component Manufacturer

Name : Cummins, Inc.

Address : 500 Jackson Street
Columbus Indiana 47202

Country : United States

Chronology :

- 02/05/2021 – Navistar and Cummins meet to discuss Cummins recall 21E-009 and Navistar initiates investigation to determine the impact on International trucks.
- 02/09/2021 Navistar and Cummins review suspect ESN data to Navistar vehicle manufacturing data to identify suspect population.
- 02/16/2021 Navistar and Cummins meet to understand the extent of the low torque condition, review root cause, and verify the start and stop dates of the suspect population.
- 02/18/2021 – Navistar finalizes suspect vehicle population and declares a safety recall.

Description of Remedy :

- Description of Remedy Program : • As reported by Cummins in 21E-009, Cummins will conduct a safety campaign to properly torque the subject cap screws and inspect for possible damage and, if necessary, repair the damage.
• Cummins will administer the campaign, notify customers, supply remedy, and provide quarterly completion reports as outlined in Cummins' defect report 21E-009.
• As reported by Cummins in 21E-009, a pre notification reimbursement for a product product failure would have been replaced under the manufacturer's limited engine warranty.
- How Remedy Component Differs from Recalled Component : Cummins reported in 21E-009 that the remedy does not consist of replacing a recalled component. If inspection reveals any damaged parts, those parts will be replaced with the identical OE part.
- Identify How/When Recall Condition was Corrected in Production : As reported by Cummins in 21E-009, a Lower Control Limit with a failsafe was implemented on the torque gun used during the engine assembly process on January 11, 2021.

Recall Schedule :

- Description of Recall Schedule : • Cummins estimates in 21E-009 that the Customer notification letters will be mailed by 03/29/2021.
• Cummins estimates in 21E-009 that the dealer notification letters will be mailed by 02/26/2021.
- Planned Dealer Notification Date : FEB 26, 2021 - FEB 26, 2021
- Planned Owner Notification Date : MAR 29, 2021 - MAR 29, 2021

* NR - Not Reported