

Part 573 Safety Recall Report

24V-734

Manufacturer Name : Navistar, Inc.**Submission Date :** OCT 01, 2024**NHTSA Recall No. :** 24V-734**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 1,086

Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2025-2025 International HX

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : • The suspect population is identified by models equipped with Cummins X15 engines with suspect fuel pump barrels. The inclusive dates of manufacture were determined by Cummins engine serial numbers (ESNs) built with suspect fuel pump barrels and the respective build dates of the vehicles they were installed into.

- The vehicles in the suspect population were built with suspect Cummins engine ESNs and all other vehicles not subject to this recall were not built with suspect Cummins engine ESNs.

Production Dates : JUL 02, 2024 - SEP 12, 2024

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2025-2025 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 Cummins X15 engines with suspect fuel pump barrels. The inclusive dates of manufacture were determined by Cummins engine serial numbers (ESNs) built with suspect fuel pump barrels and the respective build dates of the vehicles they were installed into.

- The vehicles in the suspect population were built with suspect Cummins engine ESNs and all other vehicles not subject to this recall were not built with suspect Cummins engine ESNs.

Production Dates : JUN 24, 2024 - SEP 11, 2024

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : • As reported in Cummins Incorporated's defect report for recall 24E-078, "The fuel pump barrels installed on some of the engines in the subject population may have been built using low fatigue strength parts, making them susceptible to fracture."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : • As reported in Cummins Incorporated's defect report for recall 24E-078, "If a fuel pump barrel fractures, an external fuel leak and sudden loss of fuel pressure may occur, potentially causing the engine to stall without the ability to restart. An engine stall without the ability to restart may increase the risk of a crash"

Description of the Cause : • As reported in Cummins Incorporated's defect report for recall 24E-078, "Defective parts have incomplete heat treat scale removal and nonconforming shot peening coverage, resulting in low fatigue strength. A quality issue in the heat treatment process created a nonconforming, abnormal surface layer with reduced hardness on some of the parts. This softer surface layer could potentially prevent the shot peening operation from being fully effective."

Identification of Any Warning that can Occur : • As reported in Cummins Incorporated's defect report for recall 24E-078, "The vehicle operator may experience reduced performance and / or may see a warning lamp when fuel pressure drops below the commanded value. Persons in or around the vehicle may also see or smell diesel fuel."

Involved Components :

Component Name 1 : Diesel Engine

Component Description : Heavy duty diesel engine

Component Part Number : X15

Supplier Identification :**Component Manufacturer**

Name : Cummins, Inc

Address : 500 Jackson Street
Columbus Indiana 47201

Country : United States

Chronology :

- 9/9/2024: Cummins communicates to Navistar findings that certain X15 fuel pumps may experience a fuel leak.
- 9/11/2024: Cummins communicates to Navistar that certain X15 fuel pumps barrels were manufactured with less than the required hardness that may lead to a fuel leak, which could cause a vehicle to stall. At this time Navistar does not have any reports of the issue occurring in its products. Cummins continues its investigation into the causes and effects of the issue.
- 9/16/2024: Cummins communicates to Navistar that its Product Safety Defect Board decided to initiate a safety recall on X15 engines
- 9/17/2024 thru 9/24/2024: Navistar initiates a delivery stop of Cummins X15 engines at the assembly plant, finding 568 X15 engines built with suspect fuel pumps, and establishing the clean point at the Escobedo plant.
- 9/23/2024: Cummins provides a copy of its its Part 573 Defect Information Report to Navistar.
- 9/24/2024: Navistar finalizes the suspect population.
- 9/25/2024: Navistar acknowledges Cummins recall 24E-078 and approves for Cummins to administer the campaign, notify customers, supply remedy, and provide quarterly completion reports.

Description of Remedy :

Description of Remedy Program :	<ul style="list-style-type: none">The remedy is to replace the suspect fuel pump barrels (two (2) barrels per fuel pump) with new verified parts.Cummins will administer the campaign, notify customers, supply remedy, and provide quarterly completion reports as outlined in Cummins defect report for 24E-078Navistar requests that it be exempt from providing notification of a reimbursement plan because Cummins is preforming the campaign.
How Remedy Component Differs from Recalled Component :	<ul style="list-style-type: none">As reported in Cummins Incorporated’s defect report for recall 24E-078, “The remedy components have been made to the correct heat treatment and shot peening specifications, resulting in the expected component fatigue strength.”
Identify How/When Recall Condition was Corrected in Production :	<ul style="list-style-type: none">As reported in Cummins Incorporated’s defect report for recall 24E-078, “The condition was corrected in production on 08/28/2024 after the process non-conformance was rectified.

Recall Schedule :

Description of Recall Schedule :	• Navistar will supply Cummins with customer name and address information. Cummins anticipates mailing Part 577 notification to affected customers by 11/22/2024. Cummins anticipates sending dealer notification by 10/16/2024.
Planned Dealer Notification Date :	OCT 16, 2024 - OCT 16, 2024
Planned Owner Notification Date :	NOV 22, 2024 - NOV 22, 2024

* NR - Not Reported