Part 573 Safety Recall Report 21V-367

Manufacturer Name : Navistar, Inc.
Submission Date : MAY 19, 2021
NHTSA Recall No. : 21V-367
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 : 933
Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2019-2021 IC Bus RE School bus
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL
Descriptive Information :
- The suspect population is identified by models equipped with Cummins ISL engines manufactured by Cummins 01/02/2017 thru 10/16/2020.
- The inclusive dates of vehicle manufacture were determined by Cummins Engine Serial Number (ESN) of suspect engines.
- The vehicles in the suspect population were built with Cummins ISL engines with ESN in suspect population and all other similar vehicles were built with engines outside the suspect ESN population.

There are 933 RE school buses in the suspect population.

Production Dates : SEP 21, 2017 - OCT 09, 2020
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect : As reported by Cummins in NHTSA Recall 21E-032; the high pressure fuel rail assembly may develop leaks, which may result in an undetected prolonged diesel fuel spray.
FMVSS 1 : NR
FMVSS 2 : NR
Description of the Safety Risk : As reported by Cummins in 21E-032; a leak involving spraying/misting fuel in the presence of an ignition source may increase the risk of fire.
Description of the Cause : As reported by Cummins in 21E-032; high pressure fuel rail assembly end sealing bores in the fuel rail may have undersized pilot bores for the sealing washer, thus preventing the washer from properly seating, potentially resulting in inadequate load for the joint to remain properly sealed in service.

Identification of Any Warning that can Occur :	As reported by Cummins in 21E-032; the operator may see or smell diesel fuel. In some cases, the check engine lamp may illuminate.

Involved Components :

Component Name 1 :	Accumulator
Component Description :	High pressure fuel rail assembly
Component Part Number :	Cummins P/N 4307377

Supplier Identification :

Component Manufacturer

Name :	Cummins, Inc.
Address :	500 Jackson Street Columbus Indiana 47202
Country :	United States

Chronology :

- 04/21/2021 – Cummins Notifies Navistar they have submitted a defect report for the high pressure fuel rail issue and provided documents to Navistar.
- 04/30/2021 through 05/11/2021 – Navistar works with Cummins to determine the impact to International trucks and IC Commercial buses.
- 05/11/2021 – Navistar meets with Cummins to discuss the vehicle applications affected and finalizes the suspect vehicle population.
- 05/13/2021 – Navistar meets to determine the safety risk of the leaking fuel rail in certain International trucks and IC bus applications and declares a Safety Recall.

Description of Remedy :

Description of Remedy Program :	• Cummins will administer the campaign, notify customers, supply remedy, and provide quarterly completion reports as outlined in Cummins defect report for 21E-032. • Because Cummins is administering the campaign, any plan for pre-remedy reimbursement will be handled by Cummins.

How Remedy Component Differs from Recalled Component :	As reported by Cummins in 21E-032; for units having no thread damage, the technician will be instructed to place a paint dot somewhere on the rail to indicate that the repair has been completed. For units that do have thread damage, the replacement rail and fuel lines will have unique part numbers. The replacement rail and lines are also visibly different.
Identify How/When Recall Condition was Corrected in Production :	As reported by Cummins in 21E-032; the high pressure fuel rail assembly manufacturing statistical process control for the high pressure fuel rail assembly pilot bores was confirmed in control after October 19, 2020.

Recall Schedule :

Description of Recall Schedule :	• Navistar will supply Cummins with customer name and address information and Cummins anticipates mailing 577 notification to affected customers by June 19, 2021. • Cummins anticipates sending dealer notification by June 19, 2021.
Planned Dealer Notification Date :	JUN 19, 2021 - JUN 19, 2021
Planned Owner Notification Date :	JUN 19, 2021 - JUN 19, 2021

* NR - Not Reported