

Part 573 Safety Recall Report

23V-322

Manufacturer Name : Navistar, Inc.

Submission Date : MAY 26, 2023

NHTSA Recall No. : 23V-322

Manufacturer Recall No. : 23513



Manufacturer Information :

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive
Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 49

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 International MV

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information :

- The suspect population is identified by models equipped with feature code 06DGJ (DANA Service Free SPL100 drive line system).
- The inclusive dates of manufacture were determined by when Navistar manufacturing began use of a certain suspect lot through the date that Navistar contained the issue in manufacturing at the Escobedo assembly plant.
- The vehicles in the suspect population were built with the suspect drive line system and all other similar vehicles not subject to this recall were not.

There are 49 MV series trucks in the suspect population

Production Dates : JUL 28, 2022 - JUL 29, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : The weld of the drive shaft tube seam under certain stress loads, may separate or tear and result in drive line separation and unexpected loss of motive power.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A drive line that separates and results in unexpected loss of motive power could increase the risk of a vehicle crash that may result in property damage, personal injury, or death.

Description of the Cause : The tier 2 supplier did not have maintenance procedures to detect worn parts for the machine that that forms and welds the drive shaft tube which resulted in the drive shaft tube seam gap to be out of specification.

Identification of Any Warning None
that can Occur :

Involved Components :

Component Name 1 : Prop Shaft

Component Description : Short coupled drive shaft

Component Part Number : 410LTB1120 and 410LTB1280

Supplier Identification :

Component Manufacturer

Name : DANA

Address : 3939 Technology Drive
Maumee Ohio 43537

Country : United States

Chronology :

- 04/05/2023 – Navistar Compliance receives a request from Navistar Supplier Quality to review drive line failures in the field. There were two failures. The first failure was reported to Navistar via Field Service Report (FSR) on 01/12/2023 with warranty claim on 01/13/2023. There was no property damage, no injuries, or fatalities with this failure. The second failure was reported to Navistar via separate FSR on 01/12/2023 with warranty claim on 01/13/2023. There was no property damage, no injuries, or fatalities with this failure.
- 04/13/2023 – Navistar Supplier Quality, Research and Development (R&D) Engineering, Compliance, and DANA meet to review failure mode and investigate root cause. DANA informed Navistar the failure was created by out of spec tooling, which caused the weld on the drive shaft seam to separate.
- 04/18/2023 – Navistar Supplier Quality, R&D Engineering, Compliance, and DANA meet to review DANA's drive line failure assessment of root cause by tier 2 supplier that manufactures the drive shaft tubes. DANA assessment was the failure can happen without prior warning at low speed and high torque event.
- 04/25/2023 – Navistar Supplier Quality, R&D Engineering, Compliance, and Service Engineering determine the suspect population.
- 04/27/2023 – Navistar declares a Safety Recall.

Description of Remedy :

Description of Remedy Program : • The remedy will involve replacing the suspect drive shafts.
• 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 drive shafts are manufactured with the drive shaft tube seam gap within specification where the recalled drive shafts were manufactured with the drive shaft tube seam gap out of specification.

Identify How/When Recall Condition was Corrected in Production : 12/27/2022 – Navistar manufacturing began use of SPL100 drive line system manufactured by DANA with new tooling.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 07/03/2023.

Planned Dealer Notification Date : JUL 03, 2023 - JUL 03, 2023

Planned Owner Notification Date : JUL 03, 2023 - JUL 03, 2023

* NR - Not Reported