

Part 573 Safety Recall Report

18V-826

Manufacturer Name : Navistar, Inc.

Submission Date : NOV 21, 2018

NHTSA Recall No. : 18V-826

Manufacturer Recall No. : 18518



Manufacturer Information :

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 20,916

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 International HV

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Built with feature code 11MHG or 11MGP (Eaton ECA clutch).

The suspect population is identified by models equipped with feature code 11MHG or 11MGP (Eaton ECA clutch).

The inclusive dates of manufacture were determined from when Navistar began use of Eaton ECA clutches with suspect lot codes through the date Navistar began manufacturing trucks with Eaton clutches made with the corrected manufacturing process.

The vehicles in the suspect population were built with 11MHG or 11MGP (Eaton ECA clutch). And any similar vehicle not included in this recall were not.

There are 59 HV models in the suspect population

Production Dates : DEC 06, 2017 - JUL 21, 2018

VIN Range 1 : Begin : NR

End : NR

Not sequential

Vehicle 2 : 2018-2019 International HX

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Built with feature code 11MHG or 11MGP (Eaton ECA clutch).

The suspect population is identified by models equipped with feature code 11MHG or 11MGP (Eaton ECA clutch).

The inclusive dates of manufacture were determined from when Navistar began use of Eaton ECA clutches with suspect lot codes through the date Navistar began manufacturing trucks with Eaton clutches made with the corrected manufacturing process.

The vehicles in the suspect population were built with 11MHG or 11MGP (Eaton ECA clutch). And any similar vehicle not included in this recall were not.

There are 292 HX models in the suspect population

Production Dates : APR 21, 2017 - JUL 21, 2018

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 3 : 2018-2019 International LT

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Built with feature code 11MHG or 11MGP (Eaton ECA clutch).

The suspect population is identified by models equipped with feature code 11MHG or 11MGP (Eaton ECA clutch).

The inclusive dates of manufacture were determined from when Navistar began use of Eaton ECA clutches with suspect lot codes through the date Navistar began manufacturing trucks with Eaton clutches made with the corrected manufacturing process.

The vehicles in the suspect population were built with 11MHG or 11MGP (Eaton ECA clutch). And any similar vehicle not included in this recall were not.

There are 18,494 LT models in the suspect population.

Production Dates : APR 20, 2017 - JUL 21, 2018

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 4 : 2019-2019 International MV

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Built with feature code 11MHG or 11MGP (Eaton ECA clutch).

The suspect population is identified by models equipped with feature code 11MHG or 11MGP (Eaton ECA clutch).

The inclusive dates of manufacture were determined from when Navistar began use of Eaton ECA clutches with suspect lot codes through the date Navistar began manufacturing trucks with Eaton clutches made with the corrected manufacturing process.

The vehicles in the suspect population were built with 11MHG or 11MGP (Eaton ECA clutch). And any similar vehicle not included in this recall were not.

There are two MV models in the suspect population

Production Dates : FEB 24, 2018 - FEB 27, 2018

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 5 : 2018-2019 International RH

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Built with feature code 11MHG or 11MGP (Eaton ECA clutch).

The suspect population is identified by models equipped with feature code 11MHG or 11MGP (Eaton ECA clutch).

The inclusive dates of manufacture were determined from when Navistar began use of Eaton ECA clutches with suspect lot codes through the date Navistar began manufacturing trucks with Eaton clutches made with the corrected manufacturing process.

The vehicles in the suspect population were built with 11MHG or 11MGP (Eaton ECA clutch). And any similar vehicle not included in this recall were not.

There are 1,689 RH models in the suspect population

Production Dates : APR 26, 2017 - JUL 20, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2018-2019 International LoneStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Built with feature code 11MHG or 11MGP (Eaton ECA clutch).

The suspect population is identified by models equipped with feature code 11MHG or 11MGP (Eaton ECA clutch).

The inclusive dates of manufacture were determined from when Navistar began use of Eaton ECA clutches with suspect lot codes through the date Navistar began manufacturing trucks with Eaton clutches made with the corrected manufacturing process.

The vehicles in the suspect population were built with 11MHG or 11MGP (Eaton ECA clutch). And any similar vehicle not included in this recall were not.

There are 38 LoneStar models in the suspect population.

Production Dates : JUL 19, 2017 - JUN 26, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2018-2019 International ProStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Built with feature code 11MHG or 11MGP (Eaton ECA clutch).

The suspect population is identified by models equipped with feature code 11MHG or 11MGP (Eaton ECA clutch).

The inclusive dates of manufacture were determined from when Navistar began use of Eaton ECA clutches with suspect lot codes through the date Navistar began manufacturing trucks with Eaton clutches made with the corrected manufacturing process.

The vehicles in the suspect population were built with 11MHG or 11MGP (Eaton ECA clutch). And any similar vehicle not included in this recall were not.

There are 175 ProStar models in the suspect population.

Production Dates : APR 20, 2017 - JUL 19, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2018-2019 International WorkStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Built with feature code 11MHG or 11MGP (Eaton ECA clutch).
The suspect population is identified by models equipped with feature code 11MHG or 11MGP (Eaton ECA clutch).
The inclusive dates of manufacture were determined from when Navistar began use of Eaton ECA clutches with suspect lot codes through the date Navistar began manufacturing trucks with Eaton clutches made with the corrected manufacturing process.
The vehicles in the suspect population were built with 11MHG or 11MGP (Eaton ECA clutch). And any similar vehicle not included in this recall were not.
There are 129 WorkStar models in the suspect population

Production Dates : APR 22, 2017 - JUN 28, 2018

VIN Range 1 : Begin : NR **End :** NR Not sequential

Vehicle 9 : 2018-2018 International TranStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Built with feature code 11MHG or 11MGP (Eaton ECA clutch).
The suspect population is identified by models equipped with feature code 11MHG or 11MGP (Eaton ECA clutch).
The inclusive dates of manufacture were determined from when Navistar began use of Eaton ECA clutches with suspect lot codes through the date Navistar began manufacturing trucks with Eaton clutches made with the corrected manufacturing process.
The vehicles in the suspect population were built with 11MHG or 11MGP (Eaton ECA clutch). And any similar vehicle not included in this recall were not.
There are 38 TranStar models in the suspect population.

Production Dates : APR 20, 2017 - OCT 05, 2017

VIN Range 1 : Begin : NR **End :** NR Not sequential

Description of Defect :

Description of the Defect : As reported by Eaton, an internal component within the clutch assembly may be outside of specification and fail, which in special circumstances could cause such clutch component to inhibit clutch departure.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As reported by Eaton, in the rare event that the clutch component fails in a manner that prevents the clutch from achieving proper departure, and creates a condition that results in the transmission of enough driveline torque to prevent achieving a command neutral condition in the vehicle transmission, and the engine idles for a sufficient amount of time to cause

driveline torque to increase as a result of loss of departure in the clutch, it is possible to achieve driveline torque sufficient to overcome the parking brakes, which could cause unintended vehicle motion, potentially resulting in a vehicle impact without prior warning.

Description of the Cause : As reported by Eaton, the defect was caused by a failure to meet manufacturing standards for a component within the clutch.

Identification of Any Warning that can Occur : As reported by Eaton, the majority of OEM-manufactured trucks have an audible warning (including Navistar trucks) that will alert the driver if the vehicle transmission does not achieve neutral when the driver commands it to neutral with the shift device while the vehicle is running, which audible warning continues until a neutral condition is achieved. In addition, the majority of vehicle instrument panels have an indicator that normally displays "AN" when auto neutral is being attempted. This indicator will alternate between "AN" and the engaged gear (e.g. R, 1, 2, 3, etc.) as auto neutral attempts to achieve neutral condition. Additionally, if the vehicle transmission does not achieve neutral when commanded to neutral and the parking brake is engaged, the unintended motion may be preceded by increased vibration, noises and/or rocking of the cab as the driveline attempts to overcome the resistance of the parking brakes.

Supplier Identification :

Component Manufacturer

Name : Eaton Corporation (Eaton)

Address : 1000 Eaton Blvd.
Cleveland OHIO 44122

Country : United States

Chronology :

10/19/2018 – Navistar receives communication from the field reporting four clutch failures. There were no known incidents of unintended vehicle motion.

10/19/2018 – Navistar initiates inquiry with Eaton.

11/09/2018 – Navistar receives communication from Eaton that Eaton has files a 573 report with NHTSA.

11/13/2018 – Navistar determines the scope of the issue its International trucks.

11/14/2018 – Navistar declares a Safety Recall.

Description of Remedy :

Description of Remedy Program : The remedy will involve recalibration of the Transmission Control Module (TCM).

Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 10/03/2018, applies and reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : The remedy TCM programming will rapidly cycle the clutch when the driver commands neutral and the TCM detects torque applied to the transmission until proper departure is achieved where the recalled TCM programming does not.

Identify How/When Recall Condition was Corrected in Production : 07/23/2018 – Navistar began manufacturing with clutches made with improved assembly process.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 01/18/2019.

Planned Dealer Notification Date : JAN 18, 2019 - JAN 18, 2019

Planned Owner Notification Date : JAN 18, 2019 - JAN 18, 2019

* NR - Not Reported