

Part 573 Safety Recall Report

19V-841

Manufacturer Name : Navistar, Inc.

Submission Date : NOV 21, 2019

NHTSA Recall No. : 19V-841

Manufacturer Recall No. : 19518



Manufacturer Information :

Manufacturer Name : Navistar, Inc.
 Address : 2701 Navistar Drive
 Lisle IL 60532
 Company phone : 331-332-1590

Population :

Number of potentially involved : 12,539
 Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2020 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 12VXT (Engine Speed Control; Electronic, Stationary, Variable Speed) or 12VXU (Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings).

•The vehicles in the suspect population were built with feature code 12VXT or 12VXU and any similar vehicles not subject to this notification were not.

•The inclusive dates of manufacture were determined by when feature codes 12VXT and 12VXU went into production through the date the issue was contained in manufacturing.

There are 2,321 MV series trucks in the suspect population

Production Dates : JUN 21, 2017 -SEP 06, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2018-2020 International WorkStar

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 12VXT (Engine Speed Control; Electronic, Stationary, Variable Speed) or 12VXU (Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings).

•The vehicles in the suspect population were built with feature code 12VXT or 12VXU and any similar vehicles not subject to this notification were not.

•The inclusive dates of manufacture were determined by when feature codes 12VXT and 12VXU went into production through the date the issue was contained in manufacturing.

There are 3,988 WorkStar models in the suspect population

Production Dates : JAN 12, 2017 - MAY 18, 2019

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 3 : 2019-2020 International HV

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 12VXT (Engine Speed Control; Electronic, Stationary, Variable Speed) or 12VXU (Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings).

•The vehicles in the suspect population were built with feature code 12VXT or 12VXU and any similar vehicles not subject to this notification were not.

•The inclusive dates of manufacture were determined by when feature codes 12VXT and 12VXU went into production through the date the issue was contained in manufacturing.

There are 3,377 HV series trucks in the suspect population

Production Dates : JUN 21, 2017 - SEP 24, 2019

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 4 : 2018-2019 International DuraStar

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 12VXT (Engine Speed Control; Electronic, Stationary, Variable Speed) or 12VXU (Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings).

•The vehicles in the suspect population were built with feature code 12VXT or 12VXU and any similar vehicles not subject to this notification were not.

•The inclusive dates of manufacture were determined by when feature codes 12VXT and 12VXU went into production through the date the issue was contained in manufacturing.

There are 2,853 DuraStar models in the suspect population

Production Dates : FEB 21, 2017 - DEC 17, 2018

VIN Range 1 : Begin : NR End : NR

Not sequential

Description of Defect :

Description of the Defect : With the parking brake applied and the automatic transmission is still in drive or reverse position and the stationary PTO switch is engaged by the operator, the engine RPM will ramp up and may overcome parking brake hold capability resulting in possible vehicle movement.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Vehicle movement resulting from engine RPM ramp up with the automatic transmission in drive or reverse that overcomes parking brake hold capability can result in property damage or personal injury.

Description of the Cause : The 12VXT or 12VXU programming did not have PTO neutral interlock enabled in the powertrain database.

Identification of Any Warning that can Occur : None

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

- 08/29/2019 – Navistar receives communication from a field service representative that was able to ramp up the engine throttle with the steering wheel switches when the transmission was in gear and the parking brake applied on HV model vehicles.
- 09/06/2019 – Navistar initiates investigation to analyze and understand the issue.
- 9/10/2019 – Navistar quarantines suspect vehicles at all assembly plants and updates Power Train Data Base (PTDB) calibration for feature codes 12VXT or 12VXU that enables the PTO neutral interlock.
- 09/25/2019 – Navistar begins building vehicles with a new calibration.
- 10/08/2019 – Navistar determines a potential suspect population, strictly based on the suspect codes mentioned above while Navistar continues to investigate the issue.
- 10/17/19 – Navistar’s Compliance Committee meets to discuss the investigation to date, determine the risks associated with the condition of the interlock not being enabled for feature code 12VXT or 12VXU, and if

certain axle brake combinations may not cause unintended movement based on the axle and brake configuration.

- 11/7/2019 – Navistar completes the analysis on all axle brake combinations and determined the final suspect population that could be susceptible to unintended vehicle movement if the steering wheel switches were used to adjust engine speed when the vehicle was in gear.
- 11/14/2019 – Navistar declares a Safety Recall.

Description of Remedy :

Description of Remedy Program : •The remedy will involve updating the parameters in the Cummins' ECM for feature codes 12VXT or 12VXU that enables the PTO neutral interlock.

•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 updated PTDB calibration has the PTO neutral interlock enabled and the previous calibration did not.

Identify How/When Recall Condition was Corrected in Production : 09/10/2019 – Updated PTDB calibration went into production.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 01/20/2020.

Planned Dealer Notification Date : JAN 20, 2020 - JAN 20, 2020

Planned Owner Notification Date : JAN 20, 2020 - JAN 20, 2020

* NR - Not Reported