

Part 573 Safety Recall Report

22V-172

Manufacturer Name : Marion Body Works Inc.

Submission Date : MAY 18, 2022

NHTSA Recall No. : 22V-172

Manufacturer Recall No. : 19V-841



Manufacturer Information :

Manufacturer Name : Marion Body Works Inc.

Address : 211 West Ramsdell St.

Marion WI 54950

Company phone : 715-754-5261

Population :

Number of potentially involved : 1

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 International SR525

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.

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

VIN Range 1 : Begin : 3HAWETAR5JL344689 **End :** 3HAWETAR5JL344689 ☐ 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.

Involved Components :

Component Name 1 : ECM Software

Component Description : PTO Neutral Interlock

Component Part Number : NA

Supplier Identification :

Component Manufacturer

Name : Navistar

Address : 2701 Navistar Drive
Lisle Illinois 60532

Country : United States

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.

Marion has received 0 warranty claims on this 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 : Dealer notification will occur 3/25/2022 - this truck is still owned by Marion Body Works no customer notification will need to occur.

Planned Dealer Notification Date : MAR 25, 2022 - MAR 25, 2022

Planned Owner Notification Date : MAR 25, 2022 - MAR 25, 2022

* NR - Not Reported