

Part 573 Safety Recall Report

20V-255

Manufacturer Name : Navistar, Inc.**Submission Date :** MAY 07, 2020**NHTSA Recall No. :** 20V-255**Manufacturer Recall No. :** 20504**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 4,499

Estimated percentage with defect : 13 %

Vehicle Information :

Vehicle 1 : 2018-2020 International LT

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information :

- The suspect population is identified by models equipped with A26 engines with build dates 02/10/2018 through 06/10/2019 for LT series and 02/10/2018 through 06/06/2019 for RH series.
- The inclusive vehicle build dates were determined by certain engine serial numbers of the A26 engines built within suspect connecting rods.
- The vehicles in the suspect population were built with certain A26 engines built with suspect connecting rods; and all other vehicles either have A26 engines without suspect connecting rods or have other engine models.

There are 2,685 LT models in the suspect population.

Production Dates : FEB 12, 2018 - JUN 10, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2020 International RH

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information :

- The suspect population is identified by models equipped with A26 engines with build dates 02/10/2018 through 06/10/2019 for LT series and 02/10/2018 through 06/06/2019 for RH series.
- The inclusive vehicle build dates were determined by certain engine serial numbers of the A26 engines built within suspect connecting rods.
- The vehicles in the suspect population were built with certain A26 engines built with suspect connecting rods; and all other vehicles either have A26 engines without suspect connecting rods or have other engine models.

There are 1,814 RH models in the suspect population

Production Dates : FEB 10, 2018 - JUN 06, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The bushing material in the small end bore (wrist pin of rod) of the connecting rod over time may develop cracks or lose chunks of bushing material and could lead to connecting rod engine failure.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Connecting rod failure in some cases can result in engine shutdown with minimal warning; while the driver can usually pull the truck to the side of the roadway, a stalled vehicle in or near the roadway can increase the risk of a vehicle crash.

Description of the Cause : The wrist pin bore of the connecting rod was machined outside the design tolerance for straightness.

Identification of Any Warning that can Occur : The operator may hear a knocking noise, notice an engine warning light, or experience rough idle.

Involved Components :

Component Name 1 : Connecting Rod

Component Description : Connects piston to crankshaft

Component Part Number : 7096533C91

Supplier Identification :**Component Manufacturer**

Name : Camtac Manufacturing a part of Linamar C
Address : 148 Arrow Rd.
Guelph FOREIGN STATES N1K 1T4
Country : Canada

Chronology :

The full chronology exceeds the 2,000 character limit and will be submitted as a miscellaneous document titled 20504 Full Chronology.

Description of Remedy :

Description of Remedy Program :

- The remedy is still being developed and validated. But will likely involve the installation of a detection system to warn the driver prior to engine connecting rod failure. The system would light a red engine warning light giving the driver and indication to stop the engine as soon as it can safely be done. Engines found with a suspect connecting rod will be repaired under warranty.
- 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 : Plans are for the remedy to include installation of a knock detection system, which will activate the engine malfunction indicator lamp where the prior engines do not include knock detection.

Identify How/When Recall Condition was Corrected in Production : 11/18/2019 – Navistar changed to Albon Engineering and Manufacturing as the new connecting rod supplier starting with ESN 4521933.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 07/08/2020.
Planned Dealer Notification Date : JUL 08, 2020 - JUL 08, 2020
Planned Owner Notification Date : JUL 08, 2020 - JUL 08, 2020

* NR - Not Reported