

Part 573 Safety Recall Report

18V-597

Manufacturer Name : Navistar, Inc.**Submission Date :** SEP 07, 2018**NHTSA Recall No. :** 18V-597**Manufacturer Recall No. :** 18512**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 2,089

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2019-2019 International HX

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 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

The inclusive dates of manufacture were determined by when the first vehicle was built with brake chamber assemblies from the suspect lots through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake) and any similar vehicles not subject to this notification were not built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

Total number of affected HX models: 8

Production Dates : JUN 22, 2018 - JUL 21, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2019 IC Bus HC Commercial bus

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 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

The inclusive dates of manufacture were determined by when the first vehicle was built with brake chamber assemblies from the suspect lots through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake) and any similar vehicles not subject to this notification were not built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

Total number HCCB models affected: 1

Production Dates : JUL 19, 2018 - JUL 19, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2019-2019 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 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

The inclusive dates of manufacture were determined by when the first vehicle was built with brake chamber assemblies from the suspect lots through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake) and any similar vehicles not subject to this notification were not built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

Total Number of DuraStar models affected: 756

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

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2019-2019 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 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

The inclusive dates of manufacture were determined by when the first vehicle was built with brake chamber assemblies from the suspect lots through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake) and any similar vehicles not subject to this notification were not built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

Total number of affected WorkStar models: 111

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

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2019-2019 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 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

The inclusive dates of manufacture were determined by when the first vehicle was built with brake chamber assemblies from the suspect lots through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake) and any similar vehicles not subject to this notification were not built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

Total number of affected HV models: 41

Production Dates : JUN 19, 2018 - JUL 25, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2019-2019 International LoneStar

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 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

The inclusive dates of manufacture were determined by when the first vehicle was built with brake chamber assemblies from the suspect lots through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake) and any similar vehicles not subject to this notification were not built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

Total number of affected LoneStar models: 1

Production Dates : JUN 26, 2018 - JUN 26, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2019-2019 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 feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

The inclusive dates of manufacture were determined by when the first vehicle was built with brake chamber assemblies from the suspect lots through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake) and any similar vehicles not subject to this notification were not built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

Total number affected LT models: 812

Production Dates : JUN 22, 2018 - JUL 26, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2019-2019 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 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

The inclusive dates of manufacture were determined by when the first vehicle was built with brake chamber assemblies from the suspect lots through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake) and any similar vehicles not subject to this notification were not built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

Total number affected MV models: 298

Production Dates : JUN 19, 2018 - JUL 25, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 9 : 2019-2019 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 feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

The inclusive dates of manufacture were determined by when the first vehicle was

built with brake chamber assemblies from the suspect lots through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake) and any similar vehicles not subject to this notification were not built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

Total number affected RH models:41

Production Dates : JUN 22, 2018 - JUL 25, 2018

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

Vehicle 10 : 2019-2019 IC Bus CE Commercial bus

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 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

The inclusive dates of manufacture were determined by when the first vehicle was built with brake chamber assemblies from the suspect lots through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake) and any similar vehicles not subject to this notification were not built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

Total number CECB models: 1

Production Dates : JUN 25, 2018 - JUN 25, 2018

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

Vehicle 11 : 2019-2019 IC Bus RE Commercial bus

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 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

The inclusive dates of manufacture were determined by when the first vehicle was built with brake chamber assemblies from the suspect lots through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake) and any similar vehicles not subject to this notification were not built with feature code 04NDB or 04NDH (long stroke brake chamber and spring actuated parking brake).

Total number RECB models affected: 19

Production Dates : JUN 19, 2018 - JUN 22, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The spring actuated parking brake may have been improperly crimped to the long stroke brake chamber (service brake) section of the brake chamber assembly resulting in an air leak within the service brake section and potential separation of the spring brake chamber from the service brake section of the brake chamber assembly.

An air leak in the service brake section and / or separation of the spring brake chamber from the service brake section may result in an inoperative brake on the affected wheel end resulting in an unexpected increase in stopping distance.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An unexpected increase in stopping distance may increase the risk of a vehicle crash which may result in property damage or personal injury.

Description of the Cause : The crimping bar of the brake chamber-crimping tool loosened out of position and did not allow a full crimp necessary to completely crimp the two chambers together.

Identification of Any Warning that can Occur : None

Supplier Identification :

Component Manufacturer

Name : Bendix Spicer Foundation Brake LLC (Bend

Address : 901 Cleveland Street
Elyria OHIO 44035

Country : United States

Chronology :

07/27/2018 – Navistar manufacturing reports discovery of four brake chamber assemblies with air leak in the service brake section.

07/28/2018 – Navistar quarantines suspect vehicles at the vehicle assembly plants and Bendix begins remedy

repairs to vehicles at Navistar Assembly plants and begins investigation to determine root cause and affected lot numbers.

08/03/2018- Navistar contains the issue in bus manufacturing and all vehicles contained at the bus assembly plant have been remedied.

08/04/2018 – Bendix begins brake chamber assembly with improved controls for the crimping bar and improved burst test process and control plan.

08/20/2018 – Navistar contains the issue in truck manufacturing and all vehicles contained at the truck assembly plants have been remedied.

08/26/2018 – Navistar determines the scope of the issue.

08/30/2018 – Navistar declares a Safety Recall.

Description of Remedy :

Description of Remedy Program : The remedy will involve replacing any brake chamber assembly found with suspect lot numbers.

Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 10/28/2015, applies and reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : The remedy brake chamber assembly was assembled with improved controls for the hold down bar of the crimp jaw and improved burst test process and control plan than the recalled brake chamber assembly.

Identify How/When Recall Condition was Corrected in Production : 08/03/2018- Navistar contains the issue in bus manufacturing and all vehicles contained at the bus assembly plant have been remedied.

08/20/2018 – Navistar contains the issue in truck manufacturing and all vehicles contained at the truck assembly plants have been remedied.

Recall Schedule :

Description of Recall Schedule : It is estimated that the customer and dealer notification letters will be mailed by 11/06/2018.

Planned Dealer Notification Date : NOV 06, 2018 - NOV 06, 2018

Planned Owner Notification Date : NOV 06, 2018 - NOV 06, 2018

* NR - Not Reported