

Part 573 Safety Recall Report

19V-216

Manufacturer Name : Navistar, Inc.

Submission Date : MAR 20, 2019

NHTSA Recall No. : 19V-216

Manufacturer Recall No. : None



Manufacturer Information :

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

Population :

Number of potentially involved : 23,122
 Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2017-2020 International DuraStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The suspect population is identified by International and IC Bus models equipped with Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater).

The inclusive dates of manufacture were determined when Navistar began use of the suspect engine through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with a Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater) and any similar vehicles not subject to this notification were not.

There are 15,409 DuraStar models in the suspect population

Production Dates : MAY 25, 2016 - MAR 05, 2019

VIN Range 1 : Begin : NR **End :** NR

Not sequential

Vehicle 2 : 2018-2020 IC Bus CECB

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The suspect population is identified by International and IC Bus models equipped with Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater).

The inclusive dates of manufacture were determined when Navistar began use of the suspect engine through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with a Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater) and any similar vehicles not subject to this notification were not.

There are 73 CESB in the suspect population

Production Dates : JAN 30, 2017 - MAR 05, 2019

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 3 : 2017-2020 International WorkStar
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : The suspect population is identified by International and IC Bus models equipped with Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater).

The inclusive dates of manufacture were determined when Navistar began use of the suspect engine through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with a Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater) and any similar vehicles not subject to this notification were not.

There are 834 WorkStar models in the suspect population

Production Dates : SEP 19, 2016 - FEB 21, 2019

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 4 : 2018-2020 International HV
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : The suspect population is identified by International and IC Bus models equipped with Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater).

The inclusive dates of manufacture were determined when Navistar began use of the suspect engine through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with a Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater) and any similar vehicles not subject to this notification were not.

There are 436 HV models is the suspect population

Production Dates : MAR 28, 2017 - MAR 05, 2019

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 5 : 2018-2020 International MV
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : The suspect population is identified by International and IC Bus models equipped with Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater).

The inclusive dates of manufacture were determined when Navistar began use of the suspect engine through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with a Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater) and any similar vehicles not subject to this notification were not.

There are 5879 MV models in the suspect population

Production Dates : MAR 28, 2017 - MAR 05, 2019

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

Vehicle 6 : 2018-2019 IC Bus 1300 FBC
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : The suspect population is identified by International and IC Bus models equipped with Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater).

The inclusive dates of manufacture were determined when Navistar began use of the suspect engine through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with a Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater) and any similar vehicles not subject to this notification were not.

There are 272 1300 FBC models in the suspect population

Production Dates : APR 21, 2017 - AUG 23, 2018

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

Vehicle 7 : 2018-2019 IC Bus HCCB
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : The suspect population is identified by International and IC Bus models equipped with Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater).

The inclusive dates of manufacture were determined when Navistar began use of the suspect engine through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with a Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater) and any similar vehicles not subject to this notification were not.

There are 190 HCCB in the suspect population

Production Dates : MAR 28, 2018 - OCT 25, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2019-2020 IC Bus TCCB

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The suspect population is identified by International and IC Bus models equipped with Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater).

The inclusive dates of manufacture were determined when Navistar began use of the suspect engine through the date the issue was contained in vehicle manufacturing.

The vehicles in the suspect population were built with a Cummins B6.7 diesel engine with a fuel module option number FS90301 or FS90453 (fuel module with electric heater) and any similar vehicles not subject to this notification were not.

There are 29 TCCB in the suspect population

Production Dates : MAY 24, 2018 - FEB 06, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : As reported by Cummins in 19E-020, internal electrical arcing within the fuel heater may create sufficient heat inside the fuel heater to cause plastic in the fuel heater to melt and potentially catch fire. It may also cause an engine stall.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As reported by Cummins in 19E-020, a fire, if undetected and uncontained, presents an increased risk of personal injury. An unexpected engine stall may increase the risk of a crash.

Description of the Cause : As reported by Cummins in 19E-020, the cause is electrical arcing internal to the fuel heater.

Identification of Any Warning As reported by Cummins in 19E-020, Melting of the fuel heater may be visible during a service event, smoke may precede or accompany a fire or the engine

that can Occur : may become increasingly difficult to start.

Supplier Identification :

Component Manufacturer

Name : Cummins, Inc. (Cummins)

Address : 500 Jackson Street
Columbus INDIANA 47202

Country : United States

Chronology :

02/05/2019 – Navistar receives a report from a bus dealer related to a bus with a fire that occurred at the fuel heater on a B6.7 Cummins engine.

02/08/2019 – Navistar receives communication from a second bus dealer related to three buses with a fuel leak at the fuel heater.

02/09/2019 – Navistar and Cummins inspect the first vehicle identified above and determine the origin of the fire was to be localized inside the fuel heater. The fuel heater was shipped to Cummins for analysis.

02/26/2019 – Cummins notifies Navistar they had completed their analysis and have approved a safety action on a suspect population of B6.7 engines.

03/01/2019 – Cummins and Navistar product and manufacturing engineering begin meeting to determine an acceptable containment action for the truck and bus plants.

03/04/2019 – Navistar initiates an investigation to determine the scope of the issue in the International and IC bus products.

03/06/2019 – Navistar and Cummins finalize the containment action and begin implementation in vehicle manufacturing.

03/13/2019 – Navistar declares a Safety Recall.

03/20/2019 – Navistar finalizes the suspect population in the International and IC Bus products.

Description of Remedy :

Description of Remedy Program : A temporary field action will involve removing the fuse for the fuel heater and replacing any fuel heater found with signs of damage or fuel leakage with a temporary cavity plug. Customers will be renotified once Cummins determines a final remedy.

Cummins will administer the campaign, notify customers, supply remedy, and provide quarterly completion reports as outlined in Cummins' defect report (NHTSA campaign number: 19E-020).

Because Cummins is administering the campaign, any plan for pre-remedy reimbursement will be handled by Cummins.

How Remedy Component Differs from Recalled Component : The fuel heater has been removed from the fuel module and replaced with a cavity plug until a redesigned fuel heater is developed.

Identify How/When Recall Condition was Corrected in Production : 02/26/2019 – Cummins engine production began with the subject fuel heater removed from the engine.

03/06/2019 – Navistar and Cummins removed subject fuel heater from suspect loose engines and removed fuel heater fuse and sealed fuel heater connector on quarantined vehicles.

Recall Schedule :

Description of Recall Schedule : Navistar will supply Cummins with customer name and address information for notification letters by 03/20/2019.

Navistar will supply Cummins with dealer name and address information for notification letters by 03/20/2019.

Planned Dealer Notification Date : APR 22, 2019 - APR 22, 2019

Planned Owner Notification Date : APR 22, 2019 - APR 22, 2019

* NR - Not Reported