Part 573 Safety Recall Report

Submission Date : AUG 03, 2022 NHTSA Recall No. : 22V-546 Manufacturer Recall No. : 22516

Manufacturer Name : Navistar, Inc.

Manufacturer Information :

Manufacturer Name : Navistar, Inc. Address : 2701 Navistar Drive Lisle IL 60532

Company phone : 331-332-1590

Vehicle Information :

DIESEL			
 and feature codes 0008GXK, 0008GHJ and 0008GWY (high output alternators 275 to 375 amp output), 0016UZL and 0016VLN (no idle HVAC), or 008XDM and 008XLD (DC to AC power inverter). The inclusive dates of manufacture were determined by when this combination of features went into production through when Navistar began use of a revised alternator ground connection point. The vehicles in the suspect population were built with Cummins engines, and feature codes 0008GXK, 0008GHJ and 0008GWY (high output alternators 275 to 375 amp output), 0016UZL and 0016VLN (no idle HVAC), or 008XDM and 008XLD (DC to AC power inverter) and all similar vehicles not subject to this recall were not equipped with these feature combinations. There are 8,223 LT series trucks in the suspect population. 			
DEC 15, 2015 - SEP 07, 2	020		
Begin : NR	End: NR	□ Not sequential	
	BUSES, MEDIUM & HEAY OTHER DIESEL • The suspect pop and feature codes 0008 375 amp output), 0016U (DC to AC power inverter • The inclusive dat combination of features revised alternator grour • The vehicles in the feature codes 0008GXK amp output), 0016UZL at AC power inverter) and equipped with these feat There are 8,223 LT series	 DIESEL The suspect population is identified by mode and feature codes 0008GXK, 0008GHJ and 0008GWY 375 amp output), 0016UZL and 0016VLN (no idle HV (DC to AC power inverter). The inclusive dates of manufacture were dete combination of features went into production throug revised alternator ground connection point. The vehicles in the suspect population were H feature codes 0008GXK, 0008GHJ and 0008GWY (hi amp output), 0016UZL and 0016VLN (no idle HVAC) AC power inverter) and all similar vehicles not subje equipped with these feature combinations. There are 8,223 LT series trucks in the suspect population 	



Number of potentially involved : 8,483 Estimated percentage with defect : 100 %

Population :

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Vehicle 2:	2018-2021	International	LoneStar		
Vehicle Type :	BUSES, MEDIUM & HEAVY VEHICLES				
Body Style :	OTHER				
Power Train :	DIESEL				
Descriptive Information :	and feature 375 amp ou (DC to AC po • The combination revised alte • The feature code amp output AC power in equipped w	codes 0008G tput), 0016UZ ower inverter) inclusive date n of features w rnator ground vehicles in the es 0008GXK, (), 0016UZL an overter) and al ith these featu	XK, 0008GHJ and 00 L and 0016VLN (no). s of manufacture we vent into production connection point. e suspect population 0008GHJ and 0008GV d 0016VLN (no idle	models equipped Cummins engines D8GWY (high output alternators 275 idle HVAC), or 008XDM and 008XLD re determined by when this through when Navistar began use of were built with Cummins engines, a VY (high output alternators 275 to 3 HVAC), or 008XDM and 008XLD (DC subject to this recall were not spect population	
Production Dates :	JUL 21, 201	7 - AUG 24, 20	20		
VIN Range 1 : Begin : NR End : NR 🗌 Not		Not sequent			

Description of Defect :

Description of the Defect :	During high electrical demand, the cables that ground the batteries to the vehicle frame can carry the full system current and may result in excessively hot battery ground cables and in some cases, battery post separation.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	Excessively hot battery ground cables can cause personal injury during battery maintenance repairs or a battery post that separates from the battery can result in engine shut down without warning and increase the risk of a vehicle crash.
Description of the Cause :	The vehicle charging system wiring architecture resulted in the cables that ground the batteries to the frame rail to carry the majority of the alternator output current.
Identification of Any Warning that can Occur :	None

Involved Components :

The information contained in this report was submitted pursuant to 49 CFR §573

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Component Name 1 :Not ApplicableComponent Description :Not ApplicableComponent Part Number :Not Applicable

Supplier Identification :

Component Manufacturer

Name : Not Applicable Address : NR

NR Country: NR

Chronology:

Chronology Exceeds maximum characters allowed and will be submitted as a miscellaneous document.

Description of Remedy : Description of Remedy Program : • The remedy will involve replacing the alternator positive and ground cables with redesigned cables and moving the alternator ground connection point from the frame rail to the starter. Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 05/06/2022, applies and reimbursement instructions will be included in the customer notification. How Remedy Component Differs The remedy alternator cables move the alternator ground cable to the from Recalled Component : starter ground connection where the recalled alternator cables connected the alternator ground cable to the vehicle frame. Identify How/When Recall Condition 09/07/2020 – Navistar manufacturing changed the alternator ground was Corrected in Production : location from the vehicle frame to the starter ground cable connection to correct a "noise" issue which was later found to also provide a second battery ground path, lessening the current thru the cables that ground the batteries to the vehicle frame. This corrected the overheated battery ground condition.

Recall Schedule :

The information contained in this report was submitted pursuant to 49 CFR §573

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Description of Recall Schedule :	It is estimated that the Customer and Dealer notification letters will be
	mailed by 09/26/2022.
Planned Dealer Notification Date :	SEP 26, 2022 - SEP 26, 2022
Planned Owner Notification Date :	SEP 26, 2022 - SEP 26, 2022

* NR - Not Reported

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