Part 573 Safety Recall Report

Manufacturer Name :Navistar, Inc.Submission Date :DEC 13, 2022NHTSA Recall No. :22V-909Manufacturer Recall No. :22527

Manufacturer Information :

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

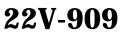
Vehicle Information :

Vehicle 1:	2023-2024	4 IC CE school b	us		
Vehicle Type :	BUSES, MEDIUM & HEAVY VEHICLES				
Body Style :	OTHER				
Power Train :	DIESEL				
Descriptive Information :	14TBH, 14 • Th	TBS, or 14TBT e inclusive date	(Suspension, rear, air single	rmined by warranty data / first	
	where all v	ehicles not sub		uilt at a certain assembly plant at other manufacturing plants. ation	
Production Dates :	FEB 01, 20	22 - NOV 15, 20	022		
VIN Range 1:	Begin :	NR	End: NR	□ Not sequential	
		3 IC RE school b			
• •		EDIUM & HEAVY	(VEHICLES		
Body Style : Power Train :					
Descriptive Information :	 The suspect population is identified by models equipped with feature code 14TBH, 14TBS, or 14TBT (Suspension, rear, air single; International IROS). The inclusive dates of manufacture were determined by warranty data / first failure build date and when the issue was contained in manufacturing. The vehicles in the suspect population were built at a certain assembly plant 				
	There are	275 RE school h	ouses in the suspect populat	at other manufacturing plants. ion	
Production Dates : VIN Range 1 :					
	Regin .	NR	End: NR	Not sequential	

NHTSA

Number of potentially involved : 6,948 Estimated percentage with defect : 100 %

Population :



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	0000 0000				
	3: 2023-2023 IC EV school bus				
Vehicle Type Body Style	BUSES, MEDIUM & HEAVY VEHICLES				
		HYBRID ELECTRIC			
Descriptive Information	: • The s 14TBH, 14TI • The i failure build • The v where all vel	suspect popul BS, or 14TBT nclusive date date and whe vehicles in the hicles not sub	en the issue was contained in e suspect population were bu	International IROS). mined by warranty data / first manufacturing. ilt at a certain assembly plant at other manufacturing plants.	
Production Dates	: FEB 08, 2022	2 - NOV 15, 20	022		
VIN Range 1	: Begin :	NR	End: NR	☐ Not sequential	
Description of the Safety R	handling must be t use : The tool	performance transferred to used to assem	rear axle that shifts from side and may result in an increas another bus near the roadw able the transverse torque ro perator an indication it had re	ed risk of injury if students ay. d to the rear axle housing	
	ning Ageneral cur: rear of th		ng when driving, possible me luring pre/post trip inspectio e bus body.		
nvolved Components :					
Component Name	1: Bolt and He	ex Nut			
Component Description	n: Bolt and He	ex Nut			
Component Part Numbe	er: 31077R1 (1	BOLT) / 3075	6R1 (Nut Hex)		

Supplier Identification :

Component Manufacturer

Name: N/A - Manufacturing issue

Address : NR

NR

Country: NR

Chronology:

• 08/05/2022 – Navistar Field Service reviews field reports of four units with loose transverse torque rod axle side bolts on units in service less than three months.

• 08/10/2022 – Navistar's Tulsa bus plant inspected 10 units built in

March and all were found in specification. Additionally, the tool and process for the transverse torque rod to axle joint were inspected with no issues found.

- 08/11/2022 through 09/22/2022 Nine more units were found with loose of missing axle side fasteners.
- 09/22/2022 Navistar Field Service received communication of three more units with axle side fasteners missing on units in service for less than three months.
- 09/26/2022 IC Bus dealer inspected 90 units at one location. All but 5 had their fasteners retightened to their specified value.
- 10/31/2022 IC Bus dealer reinspected 10 of the fleet; four units found with bolts loose a second time. These fasteners were replaced and sent to Navistar engineering for analysis.
- 11/11/2022 Navistar completes the part analysis for material hardness and found no deficiencies.
- 11/16/2022 Navistar contains the issue in manufacturing by instituting a secondary torque top-off operation.
- 11/22/2022 Navistar finalizes the suspect population.
- 12/01/2022 Navistar declares a Safety Recall.

Description of Remedy :

Description of Remedy Program :	 The remedy will involve replacing the transverse torque rod to axle fasteners and tightening them to their specified value. 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.
	The remedy will involve replacing the fasteners and tightening them to their assembly value where the recalled fasteners were not tightened to their specified value.
5	11/16/2022 – Navistar manufacturing adds the use of a top-off torque wrench and witness mark to the joint's fasteners.

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

Recall Schedule :

Description of Recall Schedule :It is estimated that the Customer and Dealer notification letters will be
mailed by 02/06/2023.Planned Dealer Notification Date :FEB 06, 2023 - FEB 06, 2023Planned Owner Notification Date :FEB 06, 2023 - FEB 06, 2023

* NR - Not Reported

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