

Part 573 Safety Recall Report

22V-128

Manufacturer Name : Hino Motors Sales U.S.A., Inc.**Submission Date :** MAR 04, 2022**NHTSA Recall No. :** 22V-128**Manufacturer Recall No. :** M0360**Manufacturer Information :**

Manufacturer Name : Hino Motors Sales U.S.A., Inc.

Address : 45501 Twelve Mile Road

Novi MI 48377

Company phone : 248-699-9300

Population :

Number of potentially involved : 141

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2022-2022 HINO NJ7A

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : The recall population was determined by reviewing Hino production records for NJ7A vehicles which utilized the identified pipe flare nut assembly process. The recall population consists of the identified NJ7A models produced between September 3, 2021 and October 20, 2021.

Trucks not included in this recall were either inspected and repaired prior to shipment, or were manufactured after the countermeasure was implemented on October 20, 2021.

Production Dates : SEP 03, 2021 - OCT 20, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The charge pipe flare nut at the air compressor may not have been torqued to manufacturer specification.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The air system may result in a low pressure condition if the charge pipe flare nut significantly loosens. The low pressure condition will be reflected in the air indicator gauges, an illuminated warning light and audible alarm, and may lead to the eventual automatic application of the parking brake if these conditions and warnings are ignored, resulting in an increased risk of crash, injury or fire.

Description of the Cause : The standard work process of the charge pipe flare nut at the air compressor which confirms application of torque was not present.

Identification of Any Warning that can Occur : Air indicator gauges reflect/alert low pressure condition. Warning light and audible alarm illuminate/sound when pressure drops.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

November, 2021

During a shipping quality audit a loose charge pipe flare nut was discovered on a truck that had been produced on October 14, 2021. This finding initiated an investigation of the assembly process and inspection method. During the investigation by a cross-functional team, it was discovered that this issue had been previously identified during the normal QC inspection process on one truck. Accordingly, a countermeasure was implemented on October 20, 2021 to prevent outflow. Based on these data, a shipping suspension was issued to contain trucks manufactured between September 3, 2021 and October 20, 2021 for audit. The audit of the suspect inventory revealed one additional occurrence. Three total occurrences were identified.

December, 2021~ February 2022

Field quality team identified 141 trucks that were built within the identified population range which were previously shipped to dealers and customers. Hino completed additional investigation thereafter and determined that if a low pressure condition results, the parking brake may automatically apply if the driver ignores the air indicator gauges, the illuminated warning light and audible alarm.

February 25 2022

Based on the investigation above, Hino determined to perform a safety recall to confirm that the proper torque was applied to the charge pipe flare nut of all subject vehicles.

As of February 24, 2022, Hino is not aware of any reports of accidents or similar cases relevant to this failure in warranty data or from the field.

Description of Remedy :

Description of Remedy Program : For the subject vehicles, the dealer will confirm and apply the proper torque value to the charge pipe flare nut. Vehicle service will be conducted free of charge.
Customers who have received the "Customer Notification Letter for Recall (M0360)", who may have paid for repairs due to this defect may apply for reimbursement for those repair costs. All pre-notification reimbursement requests for repairs which were performed until a date 10 days after the final customer notification was made will be considered by Hino for reimbursement. Hino will also reimburse all Parts, Labor, and miscellaneous costs directly related to the remedy of this defect. Requests for reimbursement, including paid receipts, should be directed to warranty@hino.com

How Remedy Component Differs from Recalled Component : N/A

Identify How/When Recall Condition was Corrected in Production : Beginning October 20, 2021 a PLC (Programmable Logic Controller) was installed on the engine assembly station to confirm torque has been applied to the charge pipe flare nut. If the engine is moved from station without torque, an audible alarm will sound. In QC (Quality Control) the inspection method was changed from hands on to tap test.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : MAR 07, 2022 - MAR 07, 2022

Planned Owner Notification Date : MAY 03, 2022 - MAY 03, 2022

* NR - Not Reported