

Safety Defect and Noncompliance Report Guide for Vehicles
PART 573 Defect and Noncompliance Report¹

On January 6, 2011, Hino Motors Sales U.S.A., Inc. decided that (a defect which relates to motor vehicle safety) (a noncompliance with Federal Motor Vehicle Safety Standard No. _____) exist in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Reports.

Date this report was prepared: January 6, 2011

Furnish the manufacturer's identification code for this recall (if applicable): 10E017

1. Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled vehicle is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

Hino Motors Sales U.S.A., Inc.

41180 Bridge Street

Novi, MI 48375

Identify the corporate official, by name and title, which the agency should contact with respect to this recall.

George M. Daniels

Vice President, Service Operations

Telephone Number: 248-699-9330 **Fax No.:** 248-699-9310

Name and Title of Person who prepared this report: Geof Perrot Supervisor, Warranty Administration

Signed:

¹Each manufacturer must furnish a report, to the Associate Administrator for Safety Assurance, for each defect or noncompliance condition which relates to motor vehicle safety.

This guide was developed from 49 CFR Part 573, "Defect and Noncompliance Reports" and also outlines information currently requested. Any questions, please consult the complete Part 573 or contact Mr. Jon White at (202) 366-5227 or by FAX at (202) 366-7882.

I. Identify the Vehicle Models Involved in the Recall

2. Identify the Vehicles Involved in the Recall, for each make and model or applicable vehicle line (provide illustrations or photographs as necessary to describe the vehicle), provide:

Make(s): Hino **Model Year(s) Involved:** 2011 **Model(s):** NE8J and NJ8J

Production Dates: Beginning: June 1, 2010 **Ending:** December 10, 2010

VIN Range: Beginning: 5PVNJ8JT2B4S52886 **Ending:** 5PVNE8JM5B4S50160

Vehicle Type: Equipped w/ Eaton HV Automated Transmission w/Park Feature **Bodystyle:** N/A

Descriptive information which characterizes / distinguishes the recalled vehicles from those model vehicles not included in the recall:

Vehicles built with other types of transmissions (manual or automatic) are not affected by this condition.

Make(s): _____ **Model Years Involved:** _____ **Model(s):** _____

Production Dates: Beginning: _____ **Ending:** _____

VIN Range: Beginning: _____ **Ending:** _____

Vehicle Type: _____ **Bodystyle:** _____

Descriptive information which characterizes / distinguishes the recalled vehicles from those model vehicles not included in the recall:

Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture provided above, that the recalled model population represents. For example, if the recall involved Widgets equipped with certain items of equipment from January 1, 1996 through April 1, 1997, then what was the percentage of the recalled Widgets of all Widgets manufactured during that time period.

II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.

Model	Year	Number of Vehicles	
		Year	Potentially Involved
NE8J	2011		1
NJ8J	2011		22

Total Number Potentially Affected by the Recall: 23

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: 100%; Based on the information supplied by Eaton Corp.

Identify and describe how the recall population was determined--In particular, how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

Eaton Corp. provided Hino with a serial number list of suspect transmissions with the defect. Hino used vehicle production records to identify the VIN number of each truck where the suspect transmissions were installed as well as the production dates of those trucks.

III. Describe the Defect or Noncompliance

5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.

Normally, a brake is applied when the vehicle is parked. If a brake is not used or is defective and the park pawl does not engage, the vehicle may be able to move and potentially cause injury to the operator or persons in the vicinity of the moving vehicle or damage property. Due to the fact that this is not readily ascertainable, owners of vehicles that could contain suspect transmissions should contact Eaton to schedule inspection and repair.

Describe the cause(s) of the defect or noncompliance condition.

This defect involves medium duty automated mechanical transmissions produced by Eaton, whereby the transmission Park Feature may fail to function when the shift lever in the vehicle's cab is placed in the "Park" position. The Park Feature is a secondary means used to prevent the movement of a stopped vehicle. The reverse idler shaft within the transmission that supports the park pawl contains a small step which is a press fit that acts to seal the transmission from leaking oil. If this small step protrudes inward by some amount, it may contact the park pawl causing it to bind, thereby preventing the park pawl from engaging.

Describe the consequence(s) of the defect or noncompliance condition.

Normally, a brake is applied when the vehicle is parked. If a brake is not used or is defective and the park pawl does not engage, the vehicle may be able to move and potentially cause injury to the operator or persons in the vicinity of the moving vehicle or damage property.

Identify any warning which can (a) precede or (b) occur.

The vehicle may be able to move while in the park position if the parking brakes are not applied.

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

Eaton Corporation – Commercial Vehicle Transmissions
 Vehicle Systems Integration
 13100 East Michigan Ave.
 Galesburg, MI 49053

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:
 Bill Mack, Manager

IV. Provide the Chronology in Determining the Defect/Noncompliance

If the recall is for a defect, complete item 6, otherwise item 7.

On January 3, 2011, Eaton Corporation notified Hino Motors Manufacturing U.S.A. Inc. (HMMUSA) that Eaton had determined that the Eaton FO-5506B-DM3 HV Automated Mechanical Transmission, which was sold to HMMUSA, contained a defect which relates to vehicle safety.

On January 5, 2011, HMMUSA met with Eaton Corporation to discover the details of the defect and the remedy proposed by Eaton.

V. Identify the Remedy

6. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.

Hino will notify the owners of the recalled vehicles and Eaton Corporation will inspect and repair all vehicles that contain this condition.

Clearly describe the distinguishing characteristics of the remedy component / assembly versus the recalled component / assembly.

Recalled component: Recall units will not have a reverse idler shaft retainer mechanism located on the outside of the transmission.

Remedy component: Remedied units will have a reverse idler shaft retainer mechanism located on the outside of the transmission.

Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.

VI. Identify the Recall Schedule

Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, dealers / retailers, and purchasers. Please, identify any foreseeable problems with implementing the recall.

TBD

VII. Furnish Recall Communications

9. Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance and which are sent to more than one manufacturer, distributor, or purchaser. This includes all communications (including both original and follow-up) concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification. *A DRAFT copy of the notification documents should be submitted to this office by Fax (202-366-7882) for review prior to mailing.*

Note that these documents are to be submitted separately from those provided in accordance with Part 573.8 requirements.