

**PART 573 Defect and Noncompliance Report**

**On August 10, 2012, Hino Motors Sales U.S.A., Inc. decided that (a defect which relates to motor vehicle safety) exists 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:** December 3, 2012.

**Furnish the manufacturer's identification code for this recall (if applicable):** A8310

**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, MI48375

**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:**

**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:** 2005~2013

**Model(s):** NA6J, NB6J, NC6J, ND8J, NE8J, NJ8J, NF8J, NV8J

**Production Dates: Beginning:** 8/18/03 **Ending:** 11/16/11

**VIN Range: Beginning:** JHBNV8JT651S10013 **Ending:** 5PVNV8JR7C4S50612

**Vehicle Type:** NA6J, NB6J, NC6J, ND8J, NE8J, NJ8J, NF8J, NV8J model vehicles.

**Body style:** N/A.

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

Vehicles subject to this recall were built between August 18, 2003 and November 16, 2011  
 Vehicles can be identified by the 10<sup>th</sup> digit of the VIN – (5, 6, 7, 8, 9, A, B, C)

**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? 100%**

2005 M Y		2006 M Y		2007 M Y		2008 M Y		2009 M Y	
NA6J	430	NA6J	189	NA6J	71	NA6J	215	NA6J	88
NB6J	306	NB6J	128	NB6J	51	NB6J	66	NB6J	21
NC6J	451	NC6J	270	NC6J	142	NC6J	209	NC6J	240
ND8J	175	ND8J	414	ND8J	855	ND8J	563	ND8J	129
NE8J	2022	NE8J	1760	NE8J	2722	NE8J	1199	NE8J	494
NJ8J	435	NJ8J	1449	NJ8J	2117	NJ8J	1854	NJ8J	1161
NV8J	546	NV8J	803	NV8J	1329	NV8J	1205	NV8J	706
<b>Total</b>	<b>4365</b>	<b>Total</b>	<b>5013</b>	<b>Total</b>	<b>7287</b>	<b>Total</b>	<b>5311</b>	<b>Total</b>	<b>2839</b>

2010 M Y		2011 M Y		2012 M Y		2013 M Y	
NA6J	8	NE8J	1092	NE8J	1027	NE8J	1
NB6J	24	NF8J	1	NF8J	0	NF8J	0
NC6J	184	NJ8J	1413	NJ8J	1672	NJ8J	2
ND8J	403	NV8J	696	NV8J	713	NV8J	2
NE8J	660	<b>Total</b>	<b>3202</b>	<b>Total</b>	<b>3412</b>	<b>Total</b>	<b>5</b>
NJ8J	1457						
NV8J	998						
<b>Total</b>	<b>3734</b>						

<b>35168</b>
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## II. Identify the Recall Population

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

**Total Number Potentially Affected by the Recall:** 35,168

### 4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: Unknown.

**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:**

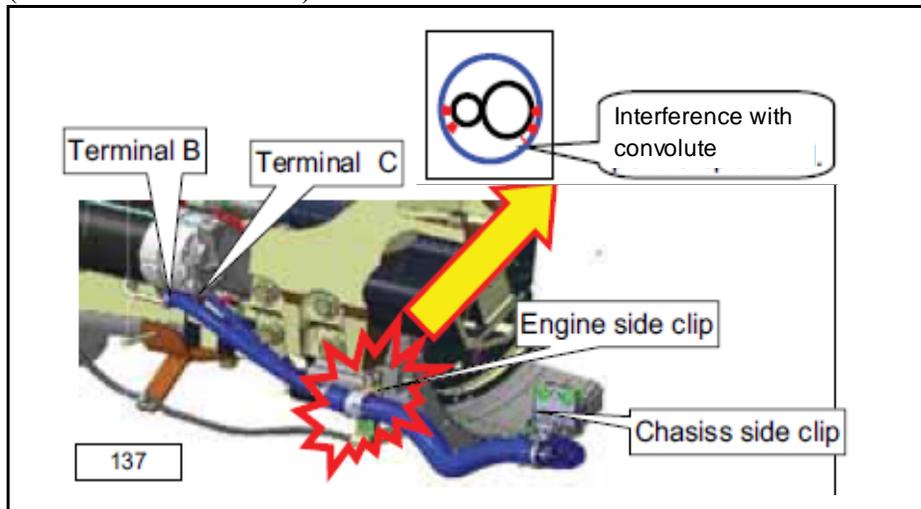
All conventional cab Hino trucks contain substantially the same parts and configuration with some differences between models and model years. The recalled vehicle population represents 100% of the trucks manufactured with these parts and configuration.

## 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.

The main B+ circuit from the battery to the starter could potentially short to ground due to wear that accumulates over time. The wear is the result of interference between the B+ circuit and the convoluted tubing.

(See Illustration Below)



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

The wear is the result of interference between the B+ and the convoluted tubing.

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

Potential short to ground, which could potentially lead to a fire.

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

Visual inspection may indicate wear if signs of corrosion are present. The area where the wear occurs may smell of electrical overload or smoke.

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

**Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:**

N/A

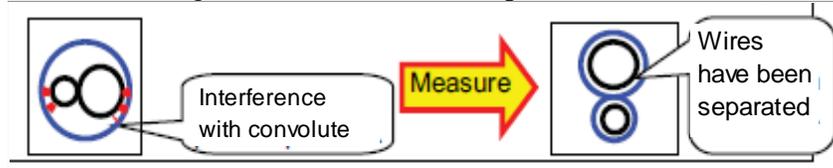
#### IV. Provide the Chronology in Determining the Defect/Noncompliance

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

#### 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.

The cable design has been modified to prevent this defect. (See illustration)



LH drawing depicts the recall condition. RH drawing depicts the remedied condition. Manufacturer will replace the original cables with newly designed cables in which each cable is enclosed in its own separate convolute tube.

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

The original component contained two separate wires within a single convoluted tube.

The remedy component contains two separate wires within two separate pieces of convoluted tube.

(See illustration above)

**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.**

The remedy for production is the same as the field.

The remedy was implemented in February 2012 with the start of 2013MY production

#### 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.**

January 15, 2013 – Dealers to be notified

January 15, 2013 –Customer notices scheduled to enter U.S. Mail

No problems were experienced with implementing this recall.

#### 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.