

Safety Defect and Noncompliance Report Guide for Vehicles
PART 573 Defect and Noncompliance Responsibility and Reports¹

On January 25, 2011, Carrier [MFR] decided that (a defect which relates to motor vehicle safety)(a noncompliance with Federal Motor Vehicle Safety Standard No. _____) 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 Responsibility and Reports.

Date this report was prepared: _____

Furnish the manufacturer's identification code for this recall (if applicable): 11E-003 _____

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.

- Nesco Bus Maintenance, Inc.
202 South Fehr Way
Bay Shore, NY 11706

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

Darlene Zaragoza – Office Administrator

Telephone Number: (631)243-4500 Fax No.: (631)243-0921

Name and Title of Person who prepared this report.

Alycia Howard – Administrative Assistant

Signed:



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

This guide was developed from 49 CFR Part 573, "Defect and Noncompliance Responsibility and Reports" and also outlines information currently requested. Any questions, please consult the complete Part 573 or contact Jennifer Timian at (202) 366-0209, by FAX at (202) 366-7882, or by E-Mail to RMD.ODI@dot.gov.

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): _____ 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:

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:

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 Vehicles equipped with certain items of equipment from January 1, 1996 through April 1, 1997, then what was the percentage of the recalled Vehicles of all Vehicles 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 Potentially Involved

Total Number Potentially Affected by the Recall: 231

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

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 Vehicles, that had an EM-1 installed that was manufactured between January 1, 2006 and December 30, 2010

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.

In response to three incidents reported to Carrier, as described below, Carrier, in conjunction with Allied Motion and Deelphi determined that the EM-1 units may have a fuse holder defect, in which, due to time and temperature, the fuse holder may relax.

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

Through relaxation of the fuse holder may relax. Through relaxation of the fuse holder contacts over time, a high-resistance connection may result, possibly producing arcing.

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

The arcing may produce melting of the fuse holder or ignition of the fuse holder, which may cause flame or smoke to propagate within the EM-1 unit.

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

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

Noncompliance-test or other data: Delphi has conducted independent testing of the Pack Con 3 fuse holder and confirmed that melting of the fuse can occur with time, temperature and vibration.

IV. Provide the Chronology in Determining the Defect/Noncompliance

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

6. With respect to a defect, furnish a chronological summary (including dates) of all the principle events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.

First incident

On August 20, 2010, Carrier was notified of a thermal event in an EM-1 unit installed a school bus located in Thonotosassa, Fl. (Hillsborough school district). The thermal event occurred on July 28, 2010, with Carrier, had a replacement motor of unknown origin, installed on a date uncertain. Damage to the EM-1 unit occurred with smoke residue coating the rear section of of the bus.

Second incident

On September 15, 2010, a second thermal event in an EM-1 unit installed on a school bus located in Portland, In. (Jay School District) was reported to Carrier. The EM-1 unit was installed on August 11, 2008. Carrier confirmed that the EM-1 unit was equipped with an originally Allied Motion motor with a Delphi Pack-Con 3 fuse holder. Damage to the unit occurred with minimal smoke residue present in the rear of the bus.

Third incident

On January 4, 2011, Carrier was notified of a third thermal event in an EM-1 unit Installed on a school bus located in Daytona Beach, Fl. (Volusia County School District) that occurred on January 3, 2011. The EM-1 was built in 2003, however, it contained a replacement motor of undermined manufacture. Damage to the unit occurred with significant thermal and smoke damage to the rear, roof mounted escape hatch, with smoke residue present on the rear seats.

7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order and including dates) on which the noncompliance was determined.

Delphi has conducted independent testing of the Pack Con 3 fuse holder and confirmed that melting of the fuse can occur with time, temperature and vibration.

V. Identify the Remedy

8. A description of the manufacturer's program for remedying the defect or noncompliance. This program shall include a plan for reimbursing an owner or purchaser who incurred costs to obtain a remedy for the problem addressed by the recall within a reasonable time in advance of the

manufacturer's notification of owners, purchasers and dealers, in accordance with §573.13 of this part. A manufacturer's plan may incorporate by reference a general reimbursement plan it previously submitted to NHTSA, together with information specific to the individual recall. Information required by §573.13 that is not in a general reimbursement plan shall be submitted in the manufacturer's report to NHTSA under this section. If a manufacturer submits one or more general reimbursement plans, the manufacturer shall update each plan every two years, in accordance with §573.13. The manufacturer's remedy program and reimbursement plans will be available for inspection by the public at NHTSA headquarters.

Carrier will notify bus manufacturers; carrier authorized dealers as well as, to the extent known by Carrier, owners of record which purchased the affected units. Carrier is working with the bus manufacturers and Carrier authorized dealers to identify owners

Reimbursement Plan: Parts and labor for the repair will be at no charge through the Carrier warranty department.

(c)(9) Communication sent to dealers and owners: A copy of NESCO's **dealer** notification letters been submitted with this report.

(c)(10) Copy of proposed owner notification letter: A copy of NESCO's **owner** notification letter has been submitted with this report.

(c)(11) Manufacturer's campaign number: #11E-003

A DRAFT copy of the notification documents should be submitted to this office by Fax (202-366-7882) or by E-Mail to RMD.ODI@dot.gov for review prior to mailing.

Note that these documents are to be submitted separately from those provided in accordance with Part 579.5 requirements.