

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

On February 10, 2004, Horton Emergency Vehicles, Manufacturer, 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 February 24, 2004

Furnish the manufacturer's identification code for this recall (if applicable) **N/A**

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.

Horton Emergency Vehicles
3800 McDowell Road
Grove City, Ohio 43123

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

Randy Gabriel, Customer Service Manager
Telephone Number: 614/539-8181 Fax Number: 614/539-8180

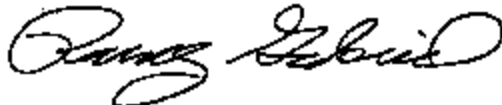
Name and Title of Person who prepared this report.

Randy Gabriel, Customer Service Manager

OFFICE OF SAFETY
 INFORMATION

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Signed:

¹ Each manufacturer must furnish a report, to the Associate Administrator for Safety Assurance for each defect or non compliance 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 Vehicle 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) Chevrolet or GMC cab/chassis Model Years involved 1997-2000

Model(s) C3500 & K3500 Production Dates: Beginning 7-31-97 Ending 11-30-00

Vehicle Type I Body style: Ambulance

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

All vehicles have 454 cu. in. gasoline engines.

II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance. **14**

Total Number Potentially Affected by the Recall: 14

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect. **100%**

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 Chevrolet or GMC vehicles with 454 cu. in. gasoline engines produced by Horton Emergency Vehicles in model years 1997 through 2000.

III Describe the Defect

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

Fans on Leece Neville alternators are breaking.

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

Some alternator case bolts have come loose and backed out into the fan. In at least one instance the fan came apart without an obstruction creating the problem.

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

Fan pieces disengage at high RPM and could cause injury and/or disable the vehicle, preventing it from completing its mission.

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

When a loose case bolt creates the problem, a spinning metal-to-metal noise can sometimes be heard. If not caused by a loose case bolt, no warning has been identified.

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

**Prestolite Electric, Inc.
Leece-Neville Heavy Duty Systems**

**Corporate Headquarters
2311 Green Road, Suite B
Ann Arbor, MI, USA 48105**

**Phone: (734/913-6600
FAX: (734/913-6631
info@prestolite**

**Manufacturing, OE Sales
400 Main Street
Arcade, NY, USA 14009**

**Phone: (585/492-1700
FAX: (585/492-1660**

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier: **Travis Atkinson, Fleet Sales Representative**

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 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.

Reports	17
Accidents	0
Injuries	0
Fatalities	0
Warranty Claims	3

One customer with 7 vehicles has experienced repeated problems. This customer has directed most of their correspondence and warranty problems directly to Leece Neville. The customer contacted NHTSA. NHTSA opened EA4-001, and met with

representatives from the fleet, Prestolite and Horton. As a result Horton has agreed to conduct a safety recall.

V. Identify the Remedy

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

Horton is exploring its options. These include the potential installation of a larger pulley to reduce the RPM, making a stronger mounting bracket and the installation of a fan capable of sustaining higher RPM's.

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

Exact remedy and time line to be determined. The alternators will spin at a lower rpm and/or be equipped with a more robust fan, to eliminate the likelihood of an alternator failure.

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.

General Motors discontinued production of the 454 gasoline engine.

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.

Timeline to be determined.

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.