

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

On 8-15-2011, E-One Incorporated [MFR] decided that a noncompliance 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: 8-16-2011 / Amended Report 8-19-2011

Furnish the manufacturer's identification code for this recall (if applicable): 4EN

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.

E-One Incorporated.

1701 SW. 37th Ave. Post Office Box 2710
Ocala, Florida 34478-2710

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

Billy Miles Director of Operations

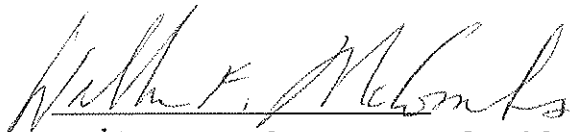
1601 SW. 37th Ave. Ocala, Florida. 34474

Telephone Number: 352-861-3223 Fax No.: 352-237-2999

Name and Title of Person who prepared this report.

William F. McCombs , Principle Engineer

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): Emergency One Fire Fighting Chassis Model Years Involved: Seven 2010, and twenty six 2011 units.

Model(s): Chassis Models named Typhoon- (six 2010 and eighteen 2011 units), Cyclone II – (one 2010 and one 2011 unit), Tradition – (five 2011 units) and Quest – (two 2011 units)

Production Dates: Beginning: 11-24-2010 Ending: 7-13-2011

VIN Range: Beginning: 4ENLABA87B1006143 Ending: 4EN6AAA89B1006538

Vehicle Type: Fire Fighting Vehicle Body Style: Fire Truck, Pumper, Tanker, Aerial, and Rescue

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

The notification involves the above listed chassis models that have Cummins manufactured engines listed on Cummins Recall 11E-031. Cummins is recalling 33 engines and emission control packages supplied to E-One. A clamp that holds components of the emission package together could fail and allow exhaust fumes to enter the vehicle. Cummins has supplied engine serial numbers and E-One has determined which vehicles have the affected engines and emission control package. E-One has supplied Cummins with the customer contact information.

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% of units equipped with Cummins engine models ISL, ISC and ISX 11.9 liter.

II. Identify the Recall Population

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

Number of Vehicles: (33) Thirty three vehicles. (23) Twenty three are in customer possession. (10) Ten are demonstrator vehicles in possession of E-One.

Models: Typhoon (six 2010 and eighteen 2011 units), Cyclone II (one 2010 and one 2011 unit) Tradition (five 2011 units), Quest (two 2011 units).

Total Number Potentially Affected by the Recall: (33) Units

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: 100% of vehicles assembled between 11-24-2010 and 7-13-2011 with the Cummins engine models ISL, ISC and ISX 11.9 liter

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:

Cummins notified E-One of a NHTSA Recall #11E-031 involving 33 engines and associated Emission control packages supplied with the engines. Identified as 28 Model ISL engines, 4 Model ISC engines and 1 Model ISX 11.9 liter engine. Cummins supplied an engine serial number list and a customer warranty registration list. E-One researched information and determined vehicle VIN numbers and Models. E-One supplied Cummins with additional customer contact information.

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.

Components supplied by Cummins, used in the diesel oxidation catalyst/diesel particulate filter of the emission control system, mounted in the engine exhaust system, under the vehicle, have exhibited premature failure. The components, called V-band clamps, are used to connect the inlet and outlet of the catalyst/filter to the exhaust pipes. The failure of these clamps can allow the exhaust pipes to separate from the catalyst/filter and possibly allow exhaust fumes to enter the vehicle.

Describe the cause(s) of the defect or noncompliance condition.
The premature failure of the V-Band clamps.

Describe the consequence(s) of the defect or noncompliance condition.
The failure of the V-Band clamp may allow the exhaust pipe to separate from the catalyst/filter and possibly allow exhaust fumes to enter the cab of the vehicle. Exhaust fumes may increase the level of (CO) carbon monoxide and (CO2) carbon di-oxide in the cab leading to the possibility of occupants suffering headaches, passing out, and/or possibly death.

Identify any warning which can (a) precede or (b) occur.
An increase in the noise level of the exhaust system and/or the smell of exhaust fumes in the cab.

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.
Cummins Inc. 500 Jackson Street, Columbus, Indiana. 47201, Phone 1-812-377-5000

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:
Steve Butler, Director – Public Safety 1-812-377-5000

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.

On August 10th, 2011 E-One received a call from Cummins Director of Public Safety, Steven Butler that Cummins was recalling 33 engine emission packages supplied to E-One. There had been reported premature failure of components called V-Band clamps. Based on Cummins Recall #11E-031, E-One is recalling vehicles that contain these components. There have been no reports of accidents, injuries or fatalities involving this defect.

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.

V. Identify the Remedy

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

E-One has supplied Cummins with the end customer contact information. Cummins will contact the customers and replace the V-Band clamps with new modified components at no charge to the customer. Cummins will complete the quarterly reporting requirements under the NHTSA Recall #(11E-031)

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.
The new replacement components have new part numbers.

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.

All inventory is being replaced with new components for installation on upcoming production trucks.

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.

Cummins has been supplied customer contact information. They will install new components at their dealer service centers under their Recall (#11E-031)

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.*

Cummins will supply the customer notification letter for this recall.