



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

January 7, 2010

MR. BILLY MILES
DIRECTOR OF OPERATIONS
EMERGENCY ONE INCORPORATED
1601 SW 37TH AVENUE
OCALA, FLORIDA 34474

NVS-215dgl
10V-003

SUBJECT: ELECTRONIC CONTROL MODULE/POSSIBLE ENGINE FIRE

DEAR MR. MILES:

This letter serves to acknowledge Emergency One Incorporated's (E-One) notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall campaign which will be conducted pursuant to Federal law for the vehicles listed below.

Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

Makes/Models/Model Years:

E-ONE/CYCLONE II/2009
E-ONE/TYPHOON/2009

Mfg's Report Date: December 21, 2009

NHTSA Campaign Number: 10V-003

Components: ENGINE AND ENGINE COOLING

Potential Number of Units Affected: 7

Summary:

E-ONE IS RECALLING CERTAIN MODEL YEAR 2009 TYPHOON AND CYCLONE II FIRE TRUCKS EQUIPPED WITH CUMMINS ISC CM2150 AND ISL CM2150 MODEL DIESEL ENGINES. THE TRUCKS MAY BE DESIGNED WITH A HARD WIRED, DASH-MOUNTED SWITCH THAT ENABLES THE VEHICLE OPERATOR TO INHIBIT AFTERTREATMENT DIESEL PARTICULATE FILTER REGENERATION IN ENVIRONMENTS WHERE THE OPERATOR BELIEVES IT MAY BE UNSAFE FOR ELEVATED EXHAUST TEMPERATURES TO DISCHARGE FROM THE FIRE TRUCK. DUE TO AN ISSUE WITH THE LOGIC IN THE ECM SOFTWARE IN THESE ENGINES, THE SWITCH MAY NOT FUNCTION CORRECTLY, LEADING THE OPERATOR TO BELIEVE THAT THE SWITCH IS IN "INHIBIT" MODE WHEN IT IS NOT.

Consequence:

THIS CONDITION WILL PERMIT HOT EXHAUST GASES TO EXIT THE VEHICLE TAILPIPE, INCREASING THE RISK OF MELTING OR BURNING OF NEARBY SURFACES, OR PERSONS ADJACENT TO THE TAILPIPE, OR A FIRE.

Remedy:

E-ONE IS WORKING WITH CUMMINS TO REPAIR THE ENGINES FREE OF CHARGE. PLEASE SEE CUMMINS' DEFECT REPORT 09E-046. OWNERS MAY CONTACT CUMMINS AT 1-800-DIESELS (1-800-343-7357).

Notes:

E-ONE SAFETY RECALL NO. 4EN. OWNERS MAY ALSO CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S VEHICLE SAFETY HOTLINE AT 1-888-327-4236 (TTY 1-800-424-9153), OR GO TO [HTTP://WWW.SAFERCAR.GOV](http://www.safercar.gov).

The information in your defect report appears to satisfy the requirements of 49 CFR 573.6.

Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in your report, Cummins will be handling the owner notification, remedy, and quarterly reporting for this campaign. However, please be advised that 49 CFR 573.6 provides that the vehicle manufacturer is responsible for any safety related defect or any noncompliance in the vehicle or any item of original equipment. If Cummins' campaign is not satisfactory, you may be required to conduct a follow-up notification.

Your contact for this recall will be Delia Lopez who may be reached by phone at 202-366-9525, or by email at Delia.lopez@dot.gov, or through the office email at RMD.ODI@dot.gov. We look forward to working with you toward a successful completion of this recall campaign.

Sincerely,

A handwritten signature in black ink that reads "G. H. Person" with a stylized flourish at the end. Below the signature, the word "for" is written in a smaller, cursive script.

George H. Person
Chief, Recall Management Division
Office of Defects Investigation
Enforcement