



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

1200 New Jersey Avenue SE
Washington, DC 20590

October 7, 2009

MR. ROGER LACKORE
DIRECTOR OF RESEARCH AND DEVELOPMENT
PIERCE MANUFACTURING, INC.
2600 AMERICAN DRIVE P.O. BOX 2017
APPLETON, WI 54912-2017

NVS-215kjs
09V-389

SUBJECT: ELECTRONIC CONTROL MODULE/POSSIBLE ENGINE FIRE

DEAR MR. LACKORE:

This letter serves to acknowledge Pierce Manufacturing, Inc's (Pierce) notification to the National Highway Traffic Safety Administration (NHTSA) of a safety defect in the vehicles described below for which a safety recall campaign will be conducted pursuant to Federal law.

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:

PIERCE/ARROW XT/2008-2009
PIERCE/CUSTOM CONTENDER/2008-2009
PIERCE/IMPEL/2008-2009
PIERCE/QUANTUM/2008-2009
PIERCE/SABER/2008-2009
PIERCE/VELOCITY/2008-2009

NHTSA Campaign Number: 09V-389 **Mfg's Report Date:** October 6, 2009

Components: ENGINE AND ENGINE COOLING

Potential Number of Units Affected: 101

Summary:

PIERCE IS RECALLING CERTAIN MODEL YEAR 2008 AND 2009 FIRE TRUCKS MANUFACTURED BETWEEN APRIL 1, 2008 AND SEPTEMBER 30, 2009, EQUIPPED WITH CUMMINS ISB CM2150, ISC CM2150, ISL CM2150, ISM CM876, AND ISX CM871 MODEL DIESEL ENGINES. THE VEHICLES 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. 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 A FIRE.

Remedy:

PIERCE IS WORKING WITH CUMMINS TO REPAIR THE ENGINES FREE OF CHARGE. PLEASE SEE 09E-046. THE SAFETY RECALL IS EXPECTED TO BEGIN DURING OCTOBER 2009. OWNERS MAY CONTACT CUMMINS AT 1-800-DIESELS (1-800-343-7357) OR PIERCE AT 1-920-832-3000.

Notes:

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, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), 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, we understand that Cummins will be conducting this safety recall. However, since Pierce is responsible for the defect in accordance with 49 CFR §573.5, please be advised that if Cummin's safety recall campaign is not successful, the agency may require Pierce to conduct a follow-up notification.

Your contact for this recall will be Kelly Schuler, who may be reached by phone at 202-366-5227, by email at Kelly.Schuler@dot.gov, or through the office email at RMD.ODI@dot.gov. We look forward to working with you for successful completion of this recall campaign.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Person".

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