



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

1200 New Jersey Avenue SE
Washington, DC 20590

November 4, 2009

MR. WES CHESTNUT
SENIOR COMPLIANCE ANALYST
SPARTAN CHASSIS, INC.
1000 REYNOLDS ROAD
CHARLOTTE, MI 48813

NVS-215kjs
09V-433

SUBJECT: ELECTRONIC CONTROL MODULE/POSSIBLE ENGINE FIRE

DEAR MR. CHESTNUT:

This letter serves to acknowledge Spartan Chassis, Inc.'s (Spartan) 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:

SPARTAN/AMB/2008-2009
SPARTAN/FUR/2008-2009
SPARTAN/GLD/2008-2009
SPARTAN/MTR/2008-2009

Mfg's Report Date: October 27, 2009

NHTSA Campaign Number: 09V-433

Components: ENGINE AND ENGINE COOLING

Potential Number of Units Affected: 117

Summary:

SPARTAN IS RECALLING CERTAIN MODEL YEAR 2008 AND 2009 FIRE APPARATUS AND AMBULANCE CAB/CHASSIS MANUFACTURED BETWEEN JUNE 2, 2008 AND SEPTEMBER 2, 2009, EQUIPPED WITH CUMMINS ISC CM2150 AND ISL CM2150 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:

SPARTAN IS WORKING WITH CUMMINS TO REPAIR THE ENGINES FREE OF CHARGE. PLEASE SEE 09E-046. THE SAFETY RECALL IS EXPECTED TO BEGIN DURING NOVEMBER 2009. OWNERS MAY CONTACT CUMMINS AT 1-800-DIESELS (1-800-343-7357) OR SPARTAN CHASSIS AT 1-800-543-4277 - OPTION 1.

Notes:

SPARTAN'S RECALL CAMPAIGN NUMBER 09024. 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.

We have received Spartan's proposed owner notification letter and it is currently under review. You will be notified of any changes after our review is complete. 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 Part 573.7, submission of the first of six consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. It is our understanding that Cummins will be providing quarterly reports on behalf of Spartan. However, if the campaign is not performing adequately, we may require that Spartan conduct a follow up notification and provide additional quarterly reports.

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". The signature is fluid and cursive, with a large initial "G" and a long, sweeping underline.

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