



SPARTAN CHASSIS, INC.

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1000 REYNOLDS RD • CHARLOTTE, MI 48813 • 517.543.6400

To: Mrs. Pat Wallace  
Office of Defects Investigation

From: Wes Chestnut  
Sr. Compliance Analyst

Date: December 22, 2008

Re: Revision of Recall 08-491

CC: Mrs. Delia Lopez

**08V-491  
AMENDED**

Dear Mrs. Wallace,

This letter, along with the attached revised 573 form, is being sent to you to advise you of a revision to the original filing. After a subsequent letter from Caterpillar, an adjustment was made to the original filing due to increase in the population. The revisions are highlighted in yellow.

If you have any questions concerning this matter, please contact me directly.

Best Regards,

Wes Chestnut  
Senior Compliance Analyst  
Office: 517.543.6400 ext. 3275  
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## Spartan Chassis, Inc.

1000 Reynolds Road - Charlotte, MI - 48813

### 573 DEFECT & NONCOMPLIANCE REPORT

<b>Description:</b>	Spartan Chassis with Caterpillar C7 and C9 Engines
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<b>Internal Code:</b>	08021
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<b>Date of Report:</b>	9/22/2008
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**Submitted to:** Associate Administrator for Safety Assurance  
National Highway Traffic Safety Administration  
1200 New Jersey Ave. SE  
Washington, DC 20590

Attn: Mrs. Pat Wallace, Office of Defects Investigation  
Fax: (202) 366-7882

**Manufacturer Identification:** Spartan Chassis, Inc.  
1000 Reynolds Road  
Charlotte, MI 48813

Telephone: (517) 543-6400

#### Corporate contacts for recall information:

Customer Notification / Customer Service:

Wayne Ridge  
Product Improvement Administrator  
Customer Service Operations  
(517) 543-6400, ext. 3445  
Fax: (517) 543-7764

Report prepared by:

Wes Chesnut  
Senior Compliance Analyst  
Product Assurance  
(517) 543-6400, ext. 3275  
Fax: (517) 543-7729

Preparer's Signature: \_\_\_\_\_

# PART 573 Defect and Noncompliance Report

## I. IDENTIFY THE VEHICLE MODELS INVOLVED IN THE RECALL

### 2. Identify the Vehicles Involved in the Recall:

<b>Make:</b>	Spartan Chassis, Inc.		
<b>Model:</b>	FUR, GLD and MM		
<b>Model Years Involved:</b>	2007 and 2008		
<b>Vehicle Type:</b>	Fire Truck Cab/Chassis and Motorhome		
<b>Weight Range:</b>	From GVWR: 32000 lbs	<b>To GVWR:</b>	51,000 lbs
<b>Weight Class:</b>	From Class: 8	To Class:	8
<b>Beginning VDM:</b>	8/8/2007	<b>Ending VDM:</b>	9/10/2008
<b>% Potentially Involved:</b>	100%		

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

Certain Caterpillar C7 and C9 engines as identified by recall 08E-042 conducted by Caterpillar, Inc.

## II. IDENTIFY THE RECALL POPULATION

### 3. Furnish the total number of vehicles recalled potentially containing the defect or non-compliance

MODEL	MODEL YEAR	No. POTENTIALLY INVOLVED
FUR	2007	1
FUR	2008	4
MM	2008	1
GLD	2008	3
<b>TOTAL:</b>		<b>9</b>

### 4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance.

**Approximate Defect Percentage:**                      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:**

The recall population was determined by identifying the Spartan Chassis, Inc. engine part numbers involved through the serial numbers provided by CAT. Spartan Chassis, Inc then queried bills of material containing the engine part numbers and matching unit numbers.

**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.**

According to Caterpillar Inc.'s notice (08E-042), a fuel pump plug may crack, which could cause fuel to spray and leak.

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

Refer to filing associated with Caterpillar, Inc. recall 08E-042

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

Fuel in the presence of an ignition source can result in a fire.

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

The driver may become aware of the leak due to a decrease in engine power or, the illumination of the check engine lamp.

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

Generic Component Name:	CR350 (Common Rail High Pressure Pump) used on 6 cylinder C7 (7L) and C9 (9L) turbocharged and air-to-air aftercooled diesel engines of 190-425
Supplier Part Number:	CAT C7 and C9 Truck and Bus Engines
Spartan Part Number:	0675-AA2-001, 0675-AA2-002, 0689-AA2-003, 0689-AA2-004, and R702-AA2-002
Supplier Corporate Name:	Caterpillar, Inc.
Address:	501 SW Jefferson Avenue Peoria, IL 61630-2236
CEO or Knowledgeable Rep:	Thomas Lane

**IV. PROVIDE THE CHRONOLOGY IN DETERMINING THE DEFECT/NONCOMPLIANCE**

*If the recall is for a defect, complete item 6, otherwise item 7*

**6. If defect, furnish a chronological summary with dates of all the principle events that were the basis for the determination of the defect. Include number of reports, accidents, injuries, fatalities, and warranty claims.**

Please refer to line item number 6 on notification submitted to the NHTSA associated with recall number 08E-042.

**7. If noncompliance, identify and provide the test results or other data in chronological order with dates on which the noncompliance was determined.**

Refer to Caterpillar, Inc. filing 08E-042

**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.**

Caterpillar, Inc. will inspect and replace the suspect engine components per their bulletin, Media Number REBE4252-00

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

Fuel pump plugs that have dimples will not need repair or replacement.

**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.**

Caterpillar, Inc. identified a population of engines to Spartan Chassis, Inc. and is following their procedure for the associated recall.

**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 this recall.**

Notification to purchasers by 9/25/2008

**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 concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification.**

<b>DOCUMENT DESCRIPTION</b>	<b>DATE AND MANNER SUBMITTED</b>
Notification letter to other manufacturers	September 2008, email
Draft Notification letter to purchasers	25-Sep-08
Press release (if applicable)	N/A
Recall Service Bulletin (RSB)	N/A
Notification Envelope	Pre-approved

*All documents to be faxed to 202-366-7882, then mailed.*

**The manufacturer's campaign identification number if not identical to the number assigned by NHTSA.**