



**SPARTAN MOTORS, INC.**

1541 Reynolds Road Charlotte, MI 48813 USA

**RECEIVED**

*By Recall Management Division at 2:31 pm, Aug 20, 2014*

[www.spartanmotors.com](http://www.spartanmotors.com)

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August 20, 2014

Ms. Nancy Lewis  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
Attention: Recall Management Division  
1200 New Jersey Avenue S.E.  
Washington, DC 20590

Subject: Spartan Motors Chassis, Inc. - Defect Information Report

Dear Ms. Lewis:

Pursuant to Part 573 of Title 49 of the Code of Federal Regulations, Spartan Motors, Inc, on behalf of Spartan Motors Chassis, Inc. (Spartan Chassis) hereby reports a defect relating to motor vehicle safety. Based on information Fire Research Corporation (FRC) Spartan Chassis has determined that certain chassis and chassis cabs equipped with a pressure governor or hand throttle may contain a safety related defect.

Please contact me with any questions as it relates to this matter.

Best Regards,

A handwritten signature in black ink, appearing to read 'Wesley D. Chestnut'.

Wesley D. Chestnut  
Lead, Compliance



Spartan Motors, Inc.  
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Charlotte, MI 48813  
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**Defect Information Report  
14013**

**573.6(c)(1):** Spartan Motors Chassis, Inc.  
1541 Reynolds Road  
Charlotte, MI 48813

**573.6(c)(2):** Emergency Response chassis cabs affected by this recall are equipped with a pressure governor or hand throttle that controls supplied by Fire Research Corporation (FRC). Chassis cabs excluded from this population did not receive a pressure governor/hand throttle or did not fall within the serial number range provided by FRC.

Fire Research Corporation (FRC)  
26 Southern Boulevard  
Nesconset, NY 11767  
Brian Roehrich – 800-645-0074

<b>Make</b>	Spartan Motors Chassis, Inc.
<b>Models</b>	Gladiator and MetroStart
<b>Model Years</b>	2011, 2013, 2014 and 2015
<b>Vehicle Type</b>	Emergency Response chassis cabs
<b>Weight Range (GVWR)</b>	42,000 – 87,000 lbs
<b>VDM Range</b>	6/15/2011 – 1/14/2014

Table 1

**573.6(c)(3)** The total number of vehicles potentially containing the defect is shown in Table 2.

<b>Model</b>	<b>Model Year</b>	<b>Number Involved</b>
Gladiator	2013	18
Gladiator	2014	14
Gladiator	2015	1
MetroStar	2011	1
MetroStar	2013	11
MetroStar	2014	50
<b>Total</b>		95

Table 2



- 573.6(c)(4)** The percentage of vehicles shown **Table 2** that contain the defect is unknown.
- 573.6(c)(5)** Hand throttles and pressure governors, subject to this recall, may have have an issue witin the software that could cause a surge in engine speed, when the fire apparatus is in “pump mode,” without warning. This increase in engine speed could cause an increase in water pressure at the end of a fire hose which could result in personal injury.
- 573.6(c)(6)** July 30, 2014 – Spartan Chassis was notified by FRC of the issue described in this defect notice. In this notification, FRC supplied a list of affected module serial numbers.
- August 8, 2014 – Spartan Chassis identifies vehicles that may be affected by the reported issued from FRC.
- August 13, 2014 – Spartan Chassis determines a defect relating to motor vehicle safety may exist in certain emergency response chassis cabs.
- 573.6(c)(8)** Customer notification is expected to begin by mid-September. A software update, correcting this issue, will be installed at no charge.