



**SPARTAN MOTORS, INC.**

1541 Reynolds Road Charlotte, MI 48813 USA

13V-049  
(3 pages)

**RECEIVED**

By Recall Management Division at 9:26 am, Feb 11, 2013

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February 2013

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 ERV - 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 ERV, hereby reports a safety defect involving motor vehicle equipment. Spartan ERV has determined a defect involving the aerial extension/retraction cylinders which exist in approximately 19 aerial fire apparatus built between April 4, 2008 and April 13, 2010.

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

Best Regards,

Wesley D. Chestnut  
Lead, Compliance



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**Defect Information Report  
ERV13-003**

**573.6(c)(1):** Spartan ERV  
64 Cocalico Creek  
Ephrata, PA 17522

**573.6(c)(2):** Aerial fire apparatus affected by this recall are equipped with hydraulic cylinders, produced by RamRod Industries, LLC., on which the welded rod eye was not properly heat treated during the manufacturing process.

<b>Make</b>	Spartan ERV
<b>Models</b>	RMA 75, RMA 103, and TDA
<b>Model Years</b>	2008 and 2009
<b>Vehicle Type</b>	Aerial Fire Apparatus
<b>Weight Range (GVWR)</b>	47,000 lbs – 77,000 lbs
<b>VDM Range</b>	4/4/2008 through 4/13/2010

Table 1

Hydraulic cylinders were manufactured by:

RamRod Industries, LLC  
800 Monroe Street  
Spencer, WI 54479

**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>
RMA 75	2008	2
RMA 103	2008	8
TDA	2008	1
RMA 75	2009	2
RMA 103	2009	4
TDA	2009	2
<b>Total</b>		19

Table 2

**573.6(c)(4)** Approximately 100% of the vehicles produced between the dates of manufacturing shown in **Table 1** contain the defect.



- 573.6(c)(5)** As a result of the improper heat treating process, the rod end attachment may be prone to fracture or separation. In the event two affected cylinders are installed on the same aerial device, the aerial may retract without warning. As a result, severe personal injury or significant property damage could occur.
- 573.6(c)(6)** *Need a chronology of all principle events up to the point where a safety defect was determined to exist in the equipment installed on the aerial fire apparatus.(e.g. when was the issue first detected, when was it corrected in manufacturing, when did the organization determine a safety defect existed, etc...)*
- 573.6(c)(8)** For vehicles affected by this recall, the affected cylinders will be replaced with certified cylinders at no charge.

Spartan ERV expects to begin customer notification in February 2013.