



**SPARTAN MOTORS, INC.**

1541 Reynolds Road Charlotte, MI 48813 USA

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

p 517.543.6400

f 517.543.5403

**RECEIVED**

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

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 platform inclinometer exist in approximately 26 aerial fire apparatus built between March 6, 2006 and April 9, 2011.

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.  
1541 Reynolds Road  
Charlotte, MI 48813  
P: 517.543.6400 ext. 3275  
M: 517.231.0712

E: [Wes.Chestnut@spartanmotors.com](mailto:Wes.Chestnut@spartanmotors.com)

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



**Defect Information Report  
ERV13-002**

**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 a single platform inclinometer. Other aerial fire apparatus are not equipped with such device.

|                            |                             |
|----------------------------|-----------------------------|
| <b>Make</b>                | Spartan ERV                 |
| <b>Models</b>              | MMP 100 and RMP 100         |
| <b>Model Years</b>         | 2005 through 2011           |
| <b>Vehicle Type</b>        | Aerial Fire Apparatus       |
| <b>Weight Range (GVWR)</b> | 79500 lbs through 86000 lbs |
| <b>VDM Range</b>           | 3/6/2006 through 4/9/2011   |

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> |
|--------------|-------------------|------------------------|
| RMP 100      | 2005              | 1                      |
| RMP 100      | 2006              | 4                      |
| RMP 100      | 2007              | 2                      |
| MMP 100      | 2008              | 5                      |
| RMP 100      | 2008              | 3                      |
| MMP 100      | 2009              | 5                      |
| RMP 100      | 2009              | 3                      |
| MMP 100      | 2010              | 1                      |
| RMP 100      | 2010              | 1                      |
| RMP 100      | 2011              | 1                      |
| <b>Total</b> |                   | 26                     |

Table 2

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



- 573.6(c)(5)** The platform inclinometer may provide an intermittent signal that allows for the aerial platform to be tilted more than below the vertical plane. This could occur without warning and result in severe personal injury or significant property damage.
- 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 single inclinometer will be replaced with dual inclinometers installed in a sealed enclosure. This will be done at no charge.

Spartan ERV expects to begin customer notification in February 2013.