



**SPARTAN MOTORS, INC.**

1541 Reynolds Road Charlotte, MI 48813 USA

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June 7, 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 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. hereby reports a defect relating to motor vehicle safety that exists in approximately 62 motor home chassis equipped with an 1660 IFS supplied by Reyco Granning LLC. Incomplete chassis affected by this recall were built between March 2, 2012 and July 30, 2012

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  
13-009**

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

**573.6(c)(2):** Motor home chassis affected by this recall are equipped with a 1660 IFS supplied by:

Reyco Granning LLC  
1205 Industrial Park Drive  
Mt. Vernon, MO 65712

Certain motor home chassis built during the same time frame are excluded as a result of using a different independent front suspension or front axle type. Additionally, motor home chassis built with the same model IFS were excluded based on information supplied by Reyco Granning.

<b>Make</b>	Spartan Motors Chassis, Inc.
<b>Models</b>	K2, K3, and MM
<b>Model Years</b>	2012 and 2013
<b>Vehicle Type</b>	Motor Home Chassis
<b>Weight Range (GVWR)</b>	46,600 lbs – 50,600 lbs
<b>VDM Range</b>	3/2/2012 - 7/30/2012

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>
K2	2012	1
K3	2012	1
MM	2012	1
K2	2013	8
K3	2013	20
MM	2013	31
<b>Total</b>		<b>62</b>

Table 2



- 573.6(c)(4)** Between 13% of the vehicles produced between the dates of manufacturing shown in **Table 1** contain the defect.
- 573.6(c)(5)** Incorrect wheel bearings have been installed on certain independent front suspensions allowing for increased end play of the wheel. Excessive end play may lead to point loading of the inner bearing along wear of the inner brake pad. Excessive end play and point loading may cause the ABS light to illuminate, noise from the front end of the vehicle and possible noticeable pulling of the steering wheel.

However, prolonged preloading may result in a wheel seal fire and potentially igniting other flammable material in close proximity to the wheel. This may result in a vehicle fire.

- 573.6(c)(6)** **April 17, 2013** – A review of warranty and customer complaint information indicates an issue associated with front wheel bearings. A cross functional team is assigned to address the issue.

**April 25, 2013** – Reyco Granning LLC identifies determines incorrect wheel bearings may have been installed on approximately 21 independent front suspensions due to an error in assembly.

**May 2, 2013 thru May 30, 2013** – Reyco Granning LLC and Spartan work to trace the 21 suspect suspensions to potentially affected vehicles.

**May 31, 2013** – Spartan Motors Chassis, Inc. decides a defect relating to motor vehicle safety exists in the potential population of vehicles.

- 573.6(c)(8)** Motor home chassis in the affected population for this recall will be inspected to determine if incorrect bearings have been installed. Incorrect bearings will be replaced. Both the inspection and bearing replacement will be performed at no charge.

Customer notification is expected to begin mid- late June 2013.