



SPARTAN MOTORS, INC.

13V-242
(4 pages) - Amended

1541 Reynolds Road Charlotte, MI 48813 USA

www.spartanmotors.com

p 517.543.6400

f 517.543.5403

RECEIVED

By Recall Management division at 12:43 pm, Feb 21, 2014

September 26, 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. - **13V242 Amended 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. reported a defect relating to motor vehicle safety that exists on approximately 62 motor home chassis equipped with an 1660 IFS supplied by Reyco Granning LLC. built between March 2, 2012 and July 30, 2012.

After further review, Spartan Chassis has determined this recall needs to be expanded to capture other product models for this issue.

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

Best Regards,

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

W: www.spartanmotors.com



**Defect Information Report
13-009 (13V-242)**

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 and emergency rescue chassis cabs 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 and emergency rescue chassis cabs built with the same model IFS were excluded based on information supplied by Reyco Granning.

Make	Spartan Motors Chassis, Inc.
Models	Gladiator, K2, K3, MM and Metrostar
Model Years	2012 and 2013
Vehicle Type	Motor Home Chassis and Emergency Response Chassis cabs
Weight Range (GVWR)	42,000 lbs – 84,000 lbs
VDM Range	2/22/2012 - 8/14/2012

Table 1

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

Model	Model Year	Number Involved
Gladiator	2012	1
K2	2012	1
K3	2012	1
Metrostar	2012	2
K2	2013	14
K3	2013	21
MM	2013	35
Total		75

Table 2



- 573.6(c)(4)** The percentage of the vehicles produced between the dates of manufacturing shown in **Table 2** which contain the defect is unknown.
- 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.
- July 10, 2013** – Spartan Chassis was notified of a vehicle exhibiting similar symptoms prescribed in the original defect. Reyco Granning was informed.
- September 24, 2013** – Reyco Granning submitted a new population of affected chassis and Spartan Chassis determined a revised population of vehicles.
- 573.6(c)(8)** Motor home chassis and emergency rescue chassis cabs 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.



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