

**RECEIVED**

By Recall Management Division at 8:41 am, Nov 29, 2012



**SPARTAN MOTORS, INC.**

11V-516  
(1 page) Amended

1541 Reynolds Road Charlotte, MI 48813 USA

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p 517.543.6400

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November 27, 2012

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

RE: 11V-516 Spartan Chassis, Inc. Recall - Amended

Dear Ms. Lewis:

On December 9, 2011 Spartan Motors, Inc. submitted a Notice of Defect on behalf of Spartan Motors Chassis, Inc. that resulted in recall identified 11V-516. At the time the Notice was submitted, the population of vehicles subject to the recall and in the US was 1804. After notifications began in January 2012, an error in the number of vehicles was identified.

The population criteria was reviewed and it was determined 510 vehicles were in the original filing that should not have been based on such criteria. Subsequently, the entire population of vehicles was reviewed. It was determined the total number of vehicles in the US is 1294. There are 186 vehicles affected by this issue in Canada. Therefore the cumulative number of vehicles affected is 1480.

Supplementing this letter is the amended Notice with the corrected information for the US.  
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', written in a cursive style.

Wesley D. Chestnut  
Lead, Compliance



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**Spartan Motors Chassis, Inc.**  
1000 Reynolds Road - Charlotte, MI - 48813

**DEFECT AND NONCOMPLIANCE REPORT - DOMESTIC**

<b>Description:</b>	Inadvertent increase in vehicle speed
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<b>Internal Code:</b>	11027	<b>Date of Report:</b>	11/27/2012
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**Submitted to:** Associate Administrator for Safety Assurance  
National Highway Traffic Safety Administration  
1200 New Jersey Ave. SE  
Washington, DC 20590

Attn: Mrs. Kelly Schuler, Office of Defects Investigation  
Fax: (202) 366-7882  
Email: RMD.ODI@dot.gov

**Manufacturer Identification:** Spartan Motors Chassis, Inc.  
1000 Reynolds Road  
Charlotte, MI 48813

Telephone: (517) 543-6400

**Corporate contact for recall information:**

Wesley D. Chestnut  
Lead, Compliance  
(517) 543-6400, ext. 3275  
Fax: (517) 543-7729  
Email: wdchestn@spartanmotors.com

Preparer's Signature: Wesley D. Chestnut

**I. IDENTIFY THE US BOUND VEHICLE MODELS INVOLVED IN THE RECALL**

<b>Make:</b>	Spartan Motors Chassis, Inc.			
<b>Model(s):</b>	APG, K2, K3, MG, MM and NVS			
<b>Model Years Involved:</b>	2009, 2010, 2011 and 2012			
<b>Vehicle Type:</b>	Incomplete Recreational Vehicle Chassis			
<b>Weight Range:</b>	From GVWR:	28,000	To GVWR:	50600 lbs
<b>Weight Class:</b>	From Class:	7	To Class:	8
<b>Beginning VDM:</b>	10/4/2007		<b>Ending VDM:</b>	3/10/2011
<b>% Potentially Involved:</b>	100%			

**Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:**  
Vehicles subject to this recall may be equipped with a electronic control module part number 2791-NN2E-001, 2791-NN2F-001, 2791-NN2E-002 or 2791-NN2F-002. Other vehicles may be equipped with control modules of a different part number.

**II. IDENTIFY THE RECALL POPULATION**

**Furnish the total number of vehicles recalled potentially containing the defect or non-compliance**

MODEL	MODEL YEAR	No. POTENTIALLY INVOLVED
K2	2009	43
MG	2009	312
MM	2009	26
NG	2009	52
APG	2009	1
K2	2010	84
K3	2010	8
MG	2010	269
MM	2010	52
NG	2010	38
K2	2011	86
K3	2011	22
MG	2011	267
MM	2011	10
NG	2011	17
MG	2012	6
MM	2012	1
<b>TOTAL:</b>		1294

**Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance.**

Approximate Defect Percentage: 100%

**Identify and describe how the recall population was determined--in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:**

The recall population has been determined based on the specific control module part number and switch pod assembly which control the cruise control feature of the vehicle.

**III. DESCRIBE THE DEFECT OR NONCOMPLIANCE**

**Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.**

Certain recreational vehicles chassis produced by Spartan Motors Chassis, Inc. may exhibit an inadvertent, increase in vehicle speed after the vehicle's cruise control is set. When the brake is applied and released, the cruise may resume and the vehicle speed may continue to increase.

**Describe the cause(s) of the defect or noncompliance condition.**

Contamination in the control module in or around the spark gaps may cause an electrical path that may result in a temporary simulation of "Cruise Resume" switch function which activates based on the values of design logic.

**Describe the consequence(s) of the defect or noncompliance condition.**

If the vehicle speed increases and the driver is unaware, he/she may have reduced stopping distance in the event he/she needs to slow and subsequently stop the vehicle. This could lead to a vehicle crash.

**Identify any warning which can (a) precede or (b) occur.**

This may occur without warning.

**If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address:**

Generic Component Name:	Control Module
Supplier Part Number:	N/A
Spartan Part Number:	2791-NN2E-001 2791-NN2F-001 2791-NN2E-002 2791-NN2F-002
Supplier Corporate Name:	Ametek/Dixson
Address:	28727 Road Grand Junction, CO 81503-1900
CEO or Knowledgeable Rep:	Steve Gauthier

**IV. PROVIDE THE CHRONOLOGY IN DETERMINING THE DEFECT/NONCOMPLIANCE**

**If defect, furnish a chronological summary with dates of all the principle events that were the basis for the determination of the defect. Include number of reports, accidents, injuries, fatalities, and warranty claims.**

See Attachment A

**V. IDENTIFY THE REMEDY**

**Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.**

The difference between the recall condition and the remedy is the replacement of the switching instruction resistance (LIN base) eliminating the potential of conflicting logic to the engine controller, as contamination may cause the temporary shorting.

**Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.**

The remedy component uses unique, non-ambiguous, digital addressing communication and the recall condition uses environmentally changeable resistive values.

**Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.**

The supplier improved the control module by eliminating spark gaps during the March 2011 time frame. Therefore current production modules (2791-NN2G-001 and 2791-NN2G-002) do not contain spark gaps.

**VI. IDENTIFY THE RECALL SCHEDULE**

**Furnish a schedule or agenda, with specific dates, for notification to other manufacturers, dealers/retailers, and purchasers. Please identify any foreseeable problems with implementing this recall.**

See below

<b>VII. FURNISH RECALL COMMUNICATIONS</b>
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**Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance and which are sent to more than one manufacturer, distributor, or purchaser. This includes all communications concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification.**

<b>DOCUMENT DESCRIPTION</b>	<b>DATE AND MANNER SUBMITTED</b>
Notification letter to other manufacturers	9-Jan-12
Draft Notification letter to purchasers	9-Jan-12
Press release (if applicable)	N/A
Recall Service Bulletin (RSB)	9-Jan-12
Notification Envelope	Pre-Approved

**The manufacturer's campaign identification number if not identical to the number**

**11027**