



**Spartan Motors Chassis, Inc.**  
1541 Reynolds Road - Charlotte, MI - 48813

**DEFECT AND NONCOMPLIANCE REPORT - DOMESTIC**

<b>Description:</b>	Non-Compliance to FMVSS - 121 Air Brake Systems		
<b>Internal Code:</b>	11030	<b>Date of Report:</b>	2/29/2012

**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:**

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Preparer's Signature: Wesley D. Chestnut



**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.**

The identified vehicles may not meet the park brake and draw bar requirements of section S5.6 of FMVSS 121 - Air Brake Systems.

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

A misinterpretation of test data appears to have resulted in the use of the 3030 brake chambers.

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

Under certain conditions the park brake may not hold the vehicle in place.

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

If the vehicle moves a crash or property damage 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:	N/A
Supplier Part Number:	N/A
Spartan Part Number:	N/A
Supplier Corporate Name:	N/A
Address:	N/A
CEO or Knowledgeable Rep:	N/A

**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.**

**If noncompliance, identify and provide the test results or other data in chronological order with dates on which the noncompliance was determined.**

29NOV11 - Spartan Motors Chassis, Inc. received notice the suspect vehicle configuration failed to meet the test requirements of S5.6 in FMVSS 121.

30NOV11 - Compliance performs data query and analysis to determine the affected vehicles.

01DEC11 - Compliance determines the potential population. Quality Assurance issues product stop ship to contain affected vehicles on site at Spartan Motors Chassis, Inc.

06DEC11 - Compliance notifies NHTSA of the identified non-compliance in certain recreational vehicle chassis.

12DEC11 - Spartan Motors Chassis, Inc. determines root cause of the non-compliance.

16DEC11 - Reviews other historical test results to determine if further non-compliances may exist. None were found.

10JAN12 - Compliance updates the recall file and amends the original report.

**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.**

Spartan Motors Chassis, Inc. will install 3036 brake chambers manufactured by MGM. Such chambers are of a different design than the 3030 chambers.

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

The remedy component contains a piston type actuator.

**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.**

Product, to date, has been changed to the recall remedy.

**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

**VII. FURNISH RECALL COMMUNICATIONS**

**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.**

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

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

11030