



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

DEFECT AND NONCOMPLIANCE REPORT - DOMESTIC

Description:	Air Gauge Accuracy
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Internal Code:	11018	Date of Report:	7/29/2011
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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
Senior Compliance Analyst
Product Assurance
(517) 543-6400, ext. 3275
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Preparer's Signature: _____

A handwritten signature in dark ink, appearing to read "Wesley D. Chestnut", is written over a horizontal line.

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

Make:		Spartan Motors Chassis, Inc.		
Model(s):		MM, K2, K3, and SU		
Model Years Involved:		2011 and 2012		
Vehicle Type:		Recreational Vehicle Chassis		
Weight Range:	From GVWR:	31000 lbs	To GVWR:	54000 lbs
Weight Class:	From Class:	7	To Class:	8
Beginning VDM:	1/28/2011		Ending VDM:	6/28/2011
% Potentially Involved:		100%		

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Vehicles included in this recall will be equipped with air gauges supplied by Ametek. Other product models are equipped with gauges from a different supplier.

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	2011	2
K3	2011	11
MM	2011	212
SU	2011	3
K2	2012	21
K3	2012	14
MM	2012	49
TOTAL:		312

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 was determined by performing a data query using the part numbers of the affected gauges. Part numbers assigned to the gauges are specific.

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.

Air gauge accuracy may not meet the requirements identified in FMVSS 121 - Air Brake Systems section S5.1.4.

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

Ametek used an incorrect value for the programming which determines the sweep angle of the dial.

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

We believe this is inconsequential to motor vehicle safety

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

There is no 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:	Air Gauge
Supplier Part Number:	
Spartan Part Number:	
Supplier Corporate Name:	Ametek
Address:	287 27 Rd Grand Junction, CO 81503
CEO or Knowledgeable Rep:	

IV. PROVIDE THE CHRONOLOGY IN DETERMINING THE DEFECT/NONCOMPLIANCE

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

08JUN11 - Ametek notifies Spartan Motors Chassis, Inc. of incorrect value used in the calculation for the sweep angle on the air gauges.
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16JUN11 - Spartan Motors Chassis, Inc. approves changes in the gauge after corrective actions were implemented by Ametek.

22JUN11 - Compliance reviews request to seek exemption with Market Line lead
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30JUN11 - Compliance gains consensus from Corrective Action Review Team to seek exemption from submitting a recall and performing field remedy.

14JUL11 - Compliance reviews draft petition with Market Line Lead then submits to on staff counsel for review. New gauges released for production

29JUL11 - Petition submitted to NHTSA

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.
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Spartan Motors Chassis, Inc. is seeking exemption from performing a field remedy due to possible inconsequentiality

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

Spartan Motors Chassis, Inc. is seeking exemption from performing a field remedy due to possible inconsequentiality

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.
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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.

Not yet determined

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	Not yet determined
Draft Notification letter to purchasers	Not yet determined
Press release (if applicable)	Not yet determined
Recall Service Bulletin (RSB)	Not yet determined
Notification Envelope	Not yet determined

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

11018
