


Spartan Chassis, Inc.

1165 Reynolds Road - Charlotte, MI - 48813

573 DEFECT & NONCOMPLIANCE REPORT

Description:	Wire & Battery Cable Looms Are Being Chaffed On Transmission Lifting Ear Creating The Potential For Shorting The System. (Submission II - Extended Population)
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Internal Code:	SPEC 05020
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Date of Report:	12/22/2005
Date of Revised Report:	1/4/2006

*OSV-273
Supplement*

Submitted to: Associate Administrator for Safety Assurance
National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, DC 20590

Attn: Mrs. Pat Wallace, Office of Defects Investigation
Fax: (202) 366-7882

Manufacturer Identification: Spartan Chassis, Inc.
1165 Reynolds Road
Charlotte, MI 48813

Telephone: (517) 543-6400

Corporate contacts for recall information:

Customer Notification and Customer Service:	Report prepared by:
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Preparer's Signature: _____

PART 573 Defect and Noncompliance Report

I. IDENTIFY THE VEHICLE MODELS INVOLVED IN THE RECALL

2. Identify the Vehicles Involved in the Recall:

Make:	Spartan Chassis, Inc.		
Model:	Mountain Master		
Model Years Involved:	2005 - 2006		
Vehicle Type:	Motorhome		
Weight Range:	From GVWR:	34,000	To GVWR: 44,600
Weight Class:	From Class:	8	To Class: 8
Beginning VDM:	5/1/2004	Ending VDM:	5/24/2005
% Potentially Involved:	100%		

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

The battery cables were secured by means of banding them to the transmission lifting ear which has sharp edges. The method of routing was specific to one work center on two assembly lines for Fleetwood chassis' during a specific time frame.

II. IDENTIFY THE RECALL POPULATION

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

MODEL	MODEL YEAR	No. POTENTIALLY INVOLVED
MG-0135	2005	1
MG16290-016	2005	397
MG16290-018	2005	65
MG16209-019	2005	75
MG16290-020	2006	71
First Reported Number to NHTSA (06/08/05)		609
MG-0136	2005	1
MG-0147	2005 - 2006	45
MG16290-014	2005	12
MG16290-015	2005	14
MM-0163	2005	4
MM16290-069	2005	3
MM16290-070	2005	16
MM16290-071	2005	2
MM16290-072	2005 - 2006	431
MM16290-074	2005 - 2006	161
Second Submission Models & Totals		
	TOTAL:	689
	TOTAL:	1298

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

Approximate Defect Percentage: 100%

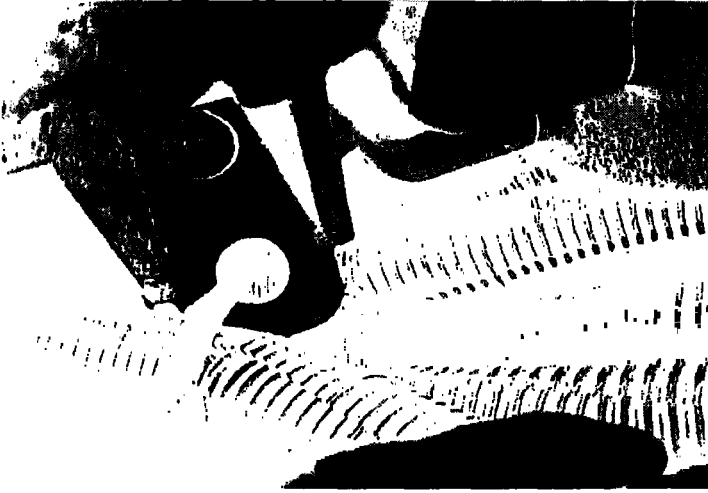
Identify and describe how the recall population was determined--in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

This is a routing issue caused by securing the battery cables to the transmission lifting ear in a manner that allowed the sharp edges of the ear to cut in to the harnesses. This is specific to one customer and two production lines, from 05/01/04 until 05/24/05 when Process Change Notice 02405 was released into production.

III. DESCRIBE THE DEFECT OR NONCOMPLIANCE

5. 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.

Battery cables and wire harnesses were banded to the transmission lifting car. The castings on the transmission lifting ear are cutting into the wiring harness.



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

Sharp casting edges of the transmission lifting ear cut into the cables and/or wire harnesses.

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

If the sharp casting edges of the transmission lifting ear cut into the cables and/or wire harnesses a short, arcing or a thermal event may occur.

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

There would be no prior warning, if a thermal condition does occur there will be smoke which may not be visible to the driver.

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 the recall is for a defect, complete item 6, otherwise item 7*

6. 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.

On May 20th, 2005 a customer brought their coach to the service center with an electrical issue. Upon arrival technicians observed smoke coming from the coach, they located the flames and extinguished, they then called Spartan Chassis Customer Service. Spartan sent a service technician to the service center to assess the situation and advise.

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

N/A This is a routing issue not a noncompliant issue.

V. IDENTIFY THE REMEDY

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

Revised 01/01/06: An Adel clip was added to the routing to insure the wire and battery cable looms remain clear from the transmission lifting ear. Once the body is added to the chassis and the routing has been established there is no need for the Adel clip. The routing remains secure between the body and frame.

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

Revised 01/04/06: There are no components involve in the recall remedy, once the body is added to the chassis and the routing has been established there is no need for the Adel clip the union of the chassis and body secure the wiring harness / cable routing.

To remedy this condition an Adel clip was added to the production routing process to secure wire and battery cable looms away from the transmission lifting ear (ref. Process Change Notice 02405). The Adel clip is only to insure the proper routing is maintained through the manufacturing process at the OEM's.

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.

Revised 01/04/06: An Adel clip was added to the routing to secure wire harnesses and battery cable looms away from the transmission lifting ear (ref. Process Change Notice 02405) to insure the proper routing is maintained through the manufacturing process at the OEM's.

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.

Original mailing began 07/26/05

Revised 01/04/06: Additional mailing to begin immediately

VII. FURNISH RECALL COMMUNICATIONS

9. 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	06/08/05 VIA E-MAIL / Postal
Draft Notification letter to purchasers	N/A
Press release (if applicable)	N/A
Recall Service Bulletin (RSB)	06/08/05 VIA E-MAIL / Postal
Notification Envelope	Pre-approved

All documents to be faxed to 202-366-7882, then mailed.

The manufacturer's campaign identification number if not identical to the number assigned by NHTSA.

Spartan SPEC Number - 05020
NHTSA Recall Number - 05V-273