



Spartan Chassis, Inc.

1165 Reynolds Road - Charlotte, MI - 48813

573 DEFECT & NONCOMPLIANCE REPORT

*06V-094
(5 pages)*

Description:	Bussmann Box Failure
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Internal Code:	SPEC 06005	Date of Report:	3/29/2006
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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.
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Charlotte, MI 48813

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Corporate contacts for recall information:

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OFFICE OF DEFECTS INVESTIGATION

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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:	K2, K3, MG, and MM		
Model Years Involved:	2006 and 2007		
Vehicle Type:	Motorhome		
Weight Range:	From GVWR: 40,500	To GVWR:	59,600
Weight Class:	From Class: 8	To Class:	8
Beginning VDM:	11/08/05	Ending VDM:	03/02/06
% Potentially Involved:	100%		

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

Recall vehicles will have a VDM date of November 8, 2006 through March 2, 2006, and the failed Bussmann DVEC has a vendor part number ending in a -0 whereas the corrected component has a vendor part number ending in -1.

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
K216290-023	2006	1
K216290-026	2006	2
K216290-027	2006	2
K224360-025	2007	2
K224360-027	2007	1
K316290-003	2006	9
K324360-002	2007	1
K2TRA1030-002	2007	2
MG16290-023	2007	5
MG16290-024	2006	3
MG16290-026	2006	4
MG24360-072	2006	1
MG24360-095	2007	20
MM-0165	2006	1
TOTAL:		54

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:

The recall population was determined by querying for the specific part numbers associated with the chassis harnesses containing the defective Bussmann® (DVEC) Dual Vehicle Electrical Center boxes. Spartan part numbers 2598-GG5A-001, 2598-GG5A-002, 2598-GG5A-003, 2598-GG5A-004, and 2598-GG5A-005. The basis for the beginning and ending dates of manufacture is the population not captured through level 1 and level 2 interim action containment.

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.

The defective Bussmann boxes are located in a compartment between the rear wheels and the end of the coach, generally on the passenger (curb) side.

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

An incorrect soldering procedure was used during the vendor (Cooper Bussman) manufacturing process.

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

Electrical power may be lost to components of the major chassis operating systems (engine, transmission, starting, cooling) causing the vehicle to shutdown and/or not be capable of powering up. Each vehicle could potentially experience a unique circumstance where one or a combination of the following conditions could occur: loss of electrical power to the engine, transmission, starting and engine cooling systems, in operation of the right chassis stop/turn signal and right trailer stop/turn signal, the anti-lock brake system (ABS), the auxiliary brake system, the heater elements in the air dryer, and the heater element in the water-in-fuel separator.

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

Warning would occur in specific instances where a system has a built-in indicator advising of the operational state of the system. For example, the anti-lock brake system (ABS) warning indicator lamp will illuminate if electrical power is lost to that system. Other than system designed warning indicators, there would not be any additional identifiable warnings.

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:	Bussmann® DVEC
Supplier Part Number:	32130-0, 32134-0, 32135-0, 32136-0, 32137-0
Spartan Part Number:	2598-GG5A-001, 2598-GG5A-002, 2598-GG5A-003, 2598-GG5A-004, and 2598-GG5A-005
Supplier Corporate Name:	Cooper Bussmann
Address:	175 Hansen Court Wooddale IL 60191-1145
CEO or Knowledgeable Rep:	Ron Mullins - Mfg. Rep.

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.

Through the quality check process it was determined that a board was failing in the Bussmann Box. On 02-24-06 a conference call was placed with vendor and Spartan quality to determine cause of defect. At this time the conditions of the defect were not fully understood.

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

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.

Manufacturer's remedy is to replace all defective components. The difference between the recall condition and the remedy is the vendor part number.

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

For vehicles with a VDM date of 11-08-05 through 03-02-06, the DVEC Bussmann Box having Spartan part number 2598-GG5A-001 -002, -003, -004, -005, the remedied component will have a vendor part number ending in -1 whereas the defective component will have a vendor part number ending in -0.

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 production remedy is identical to the recall remedy. Production corrected 03/03/06.

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.

Notification schedule is in process.

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	03/29/06 Email Letter and Population
Draft Notification letter to purchasers	N/A
Press release (if applicable)	N/A
Recall Service Bulletin (RSB)	In Process
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.

SPEC 06005 (MH542)