



Spartan Chassis, Inc.
1165 Reynolds Road - Charlotte, MI - 48813

573 DEFECT & NONCOMPLIANCE REPORT

04V-311
(5 pages)

Description: Bosch Hydraulic Disc Brakes with Zero Offset Pin Slide (ZOPS) Calipers

Internal Code: 04011

Date of Report: 6/15/2004

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:

Bryan Harris

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OFFICE OF DEFECTS
INVESTIGATION

PART 573 Defect and Noncompliance Report

I. IDENTIFY THE VEHICLE MODELS INVOLVED IN THE RECALL

Make:	Spartan Chassis, Inc.		
Model:	Summit, SBFE, YB		
Model Years Involved:	1999 - 2002		
Vehicle Type:	Motor Home, School Bus, Transit Bus		
Weight Range:	From GVWR:	19,000	To GVWR: 30,000
Weight Class:	From Class:	5	To Class: 7
Beginning VDM:	2/25/1999	Ending VDM:	5/21/2002
% Potentially Involved:	100%		
Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:			
Vehicles built with Dana front axle containing Bosch hydraulic disc brakes with Zero Offset Pin Slide calipers			

II. IDENTIFY THE RECALL POPULATION

MODEL	MODEL YEAR	No. POTENTIALLY INVOLVED
Summit	2000	30
	2001	84
	2002	24
School bus - Front Engine	1999	2
	2000	2
Transit Bus	1999	1
TOTAL:		143

Approximate Defect Percentage: 100 %

All vehicles with the Dana axle model I-80 that contained Bosch hydraulic disc brakes were selected.

III. DESCRIBE THE DEFECT OR NONCOMPLIANCE

Bosch has not determined a defect, but incidents of overheated brake components have been found on vehicles with hydraulic disc brakes with the ZOPS caliper.

Bosch has decided that the presence of corrosion in the vicinity of the caliper seal land can contribute to reduced piston mobility in some cases and lead to performance issues causing overheating.

Possible overheated components may not allow the driver to stop safely. This overheating could also result in a vehicle fire.

None other than inspection of the brake components for signs of overheating.

Generic Component Name:	Hydraulic disc brake
Supplier Part Number:	Dana Model I-80 Front Axle Assy.
Spartan Part Number:	0765-DD1-001
Supplier Corporate Name:	Dana Corporation
Address:	4500 Dorr Street Toledo, OH 43615
CEO or Knowledgeable Rep:	Mark Jeffrey 269-567-1119

IV. PROVIDE THE CHRONOLOGY IN DETERMINING THE DEFECT/NONCOMPLIANCE*If the recall is for a defect, complete item 6, otherwise item 7*

The basis for the determination was the fact that recalls of this product had been filed by other manufacturers and some Spartan products contain the same components.

DATE	SO	DATE	SO	DATE	SO
11/5/2002	39333	7/8/2003	39667	11/19/2003	38122
11/27/2002	39664	7/8/2003	39806	1/21/2004	39022
4/7/2003	39671	7/24/2003	40106	3/1/2004	42014
5/28/2003	39332	9/8/2003	39335	4/22/2004	42015
6/2/2003	39337	11/14/2003	38117		

**V. IDENTIFY THE REMEDY**

Spartan is still determining a viable remedy for this condition, and will supply that information to NHTSA as soon as it is available.



Will provide this information when remedy has been determined.



Product discontinued on our vehicles in 2002.

VI. IDENTIFY THE RECALL SCHEDULE

To be provided when remedy has been determined.

VII. FURNISH RECALL COMMUNICATIONS

DOCUMENT DESCRIPTION	DATE AND MANNER SUBMITTED
Notification letter to other manufacturers	TBD
Draft Notification letter to purchasers	TBD
Press release (if applicable)	
Recall Service Bulletin (RSB)	TBD
Notification Envelope	Pre-approved

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

The number assigned by NHTSA will be used to identify the campaign. Spartan's internal number for reference is SPEC 04011.