



Spartan Chassis, Inc.

1000 Reynolds Road - Charlotte, MI - 48813

573 DEFECT & NONCOMPLIANCE REPORT

Description:	Safety Defect Report for WABCO Steering Angle Sensor (Ref. 09E-032)		
Internal Code:	09008	Date of Report:	7/29/2009

Submitted to: Associate Administrator for Safety Assurance
National Highway Traffic Safety Administration
1200 New Jersey Ave. SE
Washington, DC 20590

Attn: Mrs. Delia Lopez, Office of Defects Investigation
Fax: (202) 366-7882
Email: RMD.ODI@dot.gov

Manufacturer Identification: Spartan Chassis, Inc.
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Charlotte, MI 48813

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Corporate contacts for recall information:

Customer Notification / Customer Service:

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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		
Model:	FUR, GLD, MTR		
Model Years Involved:	2008 and 2009		
Vehicle Type:	Fire Apparatus		
Weight Range:	From GVWR: 42K lbs	To GVWR:	82K lbs
Weight Class:	From Class: 8	To Class:	8
Beginning VDM:	1/29/2008	Ending VDM:	5/6/2009
% Potentially Involved:			

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

The units in the recall population are equipped with the suspect steering angle sensor as supplied by Meritor Wabco through Douglas Autotec.

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
GLD	2008	40
MTR	2008	16
GLD	2009	15
MTR	2009	3
FUR	2008	1
TOTAL:		75

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

Approximate Defect Percentage:

95%

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:

In review of the shipping paper work from Douglas Autotec and Meritor Wabco, Spartan Chassis determined a date range in which we received product from the 2 named suppliers. Spartan Chassis then determined a potential population of units in which the suspect steering angle sensors may have been installed. Subsequently, Spartan Chassis identified the vehicle dates of manufacturing.

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.

Please refer to Meritor Wabco recall 09E-032 with regard to the nature and physical location of the defect on the steering angle sensor. The sensor is found on the steering column.

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

Please refer to Meritor Wabco 09E-032.

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

Please refer to Meritor Wabco 09E-032.

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

Please refer to Meritor Wabco 09E-032.

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:	Steering Angle Sensor
Supplier Part Number:	441 120 004 0 400 850 666 0 400 850 647 0
Spartan Part Number:	0977-KK1-013 and 1615-KK1-001
Supplier Corporate Name:	Meritor Wabco
Address:	2135 West Maple Road Troy, MI 48084-7186
CEO or Knowledgeable Rep:	Anne Balkcom

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.

01JUN09 - Meritor Wabco sent formal notice of safety recall of the steering angle sensor.

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.

Spartan Chassis will direct the affected customers to a service center to have an inspection and replacement of the steering angle sensor performed per Meritor Wabco's directions supplied in 09E-032.

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

Please refer to 09E-032

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.

Please refer to 09E-032.

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.

12JUN09 - Notice to final stage manufacturers.

19JUN09 - Notice to customer and dealers.

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	12-Jun-09
Draft Notification letter to purchasers	19-Jun-09
Press release (if applicable)	N/A
Recall Service Bulletin (RSB)	19-Jun-09
Notification Envelope	Preapproved

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.

09008