



SPARTAN CHASSIS, INC.

NHTSA # 05V-016

RSB05-250-001

January, 2005

Page 1 of 2

RECALL SERVICE BULLETIN

SUBJECT: Brake Application Stroke

APPLIES TO: Spartan Chassis MM and MG Models with a Vehicle Date of Manufacture (VDM) of 08-10-2004 through 12-10-2004, Equipped with a Drum Brake System on the Front Axle.

CONDITION: Slight Reduction in Front Braking

CAUSE: Improper Adjustment During Manufacturing Process

CORRECTION: Manually reset brake adjusters.

PART / SERVICE INFORMATION:

The procedure for adjusting the automatic brake adjusters is dependant on the manufacturer. This bulletin references information from different automatic brake adjuster manufacturers. If a referenced document is not available for any reason, please contact Spartan Chassis, Inc. Customer Assistance at 1-800-543-4277.

Labor Time: 1.0 Hr.

**PLEASE READ THE ENTIRE BULLETIN BEFORE
PROCEEDING WITH ANY WORK.**

STEP-BY-STEP INSTRUCTIONS:

1. Observe all industry safety standards and secure vehicle to allow for the manual adjustment of the front brake adjusters.

-
- ◆ Instructions provided are for adjustment of one brake adjuster on the front axle.
 - ◆ Repeat the procedure for the remaining adjuster.
-

Technical Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of product specific nature in conjunction with industry standards. Professional Technicians are appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.



SPARTAN CHASSIS, INC.

NHTSA # 05V-016

RSB05-250-001

January, 2005

Page 2 of 2

RECALL SERVICE BULLETIN

2. Determine brake adjuster manufacturer and follow the appropriate procedure.

For Crewson Industries automatic brake adjusters, refer to procedure A.

For Haldex automatic brake adjusters, refer to procedure B.

For Meritor automatic brake adjusters, refer to procedure C.

Procedure A – Crewson Industries

Refer to the *Field Inspection and Troubleshooting Guide*,

CI-AO; 3/03, page 1, steps #7 and #8.

Web Address: http://crewsonindustries.com/Docs/Crewson_CI_AO3-03.pdf

A1. Refer to the portion of step #7 to turn the Hex nut clockwise until the shoes contact the drum.

A2. Refer to step #8 to make the manual adjust as described.

Procedure B – Haldex

Refer to *Service Manual – Automatic Brake Adjusters; Transit and Coach Applications*, L30036 Rev. May 2003 (5/03), page 4. Web Address: <http://www.hbsna.com/literature/>

B1. Refer to step #3 to ensure the installation indicator is aligned within the slot as described; make adjustment if necessary.

B2. Refer to step #4 to make the manual adjustment as described.

Procedure C – Meritor

Refer to the *Automatic Slack Adjuster Maintenance Manual 4B*,

3/98, page 16, Free Stroke Measurement, steps #1 and #2.

Web Address: http://www.arvinmeritor.com/tech_library/documents/mm4b.pdf

C1. Make the manual adjustment as described.

Technical Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of product specific nature in conjunction with industry standards. Professional Technicians are appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.