

05V-263

Safety Defect and Noncompliance Report Guide for Vehicles Part 573 Defect and Noncompliance Report

On May 16, 2005, Newmar Corporation received a notification letter from Spartan Chassis Inc. informing of a defect which relates to motor safety exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Administration in accordance with 49 CFR Part 573, Defect and Noncompliance Reports.

This report was prepared on May 20, 2005.

The manufacturer's identification number for this recall is 05V-146.

1. The "Final Stage" vehicle manufacturer:

Newmar Corporation
355 N. Delaware St.
Nappanee, IN 46550

Company contact: Betty Lehr
Warranty Recovery Manager
Consumer Affairs Dept.
(574)773-7791
(574)773-2007 fax

Report prepared by: Chad Sears
Codes and Compliance Manager
(574)773-7791
(574)773-5153 fax

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OFFICE OF
DEFECTS INVESTIGATION
RECEIVED
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Signed Chad Sears

2. Identify the vehicle involved in the recall:

The vehicles involved in the recall are model years **2004 and 2005 Kountry Star Class A Motorhomes, 2003-2005 Dutch Star Class A Motorhomes, 2003-2005 Mountain Aire Class A Motorhomes, 2003-2005 Essex Class A Motorhomes, and 2003 and 2005 London Aire Class A Motorhomes.**

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

Please find attached to this report a list of units involved in the recall.

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

100% of the vehicles listed above may contain the defect.

5. Describe the defect or non-compliance. The description should address the nature and physical location of the defect or non-compliance. Illustrations should be provided as appropriate.

Spartan supplied Newmar with chassis equipped with Ametek NGI gauges. The air gauges are not calibrated properly which may not meet Federal Motor Vehicle Standards.

5a. Describe the cause of the defect or non-compliance.

The cause of the defect is the improperly calibrated gauges.

5b. Describe the consequence(s) of the defect or non-compliance condition.

The low air warning indicator may be activated when actual air reservoir pressure readings are below FMVSS range of 60 to 65psi. This may cause the park brake to engage without warning, thus throwing the passenger forward, creating the potential for injury to occupants.

5c. Describe any warning which can (a) precede or (b) occur.

N/A

5d. If the defect or non-compliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

Spartan Motors Chassis Inc.
1165 Reynolds Rd.
Charlotte, MI 48813

6. If defect, furnish a chronological summary with dates of all the principal events that were the basis for the determination of the defect. Include number of reports, accidents, injuries, fatalities, and warranty claims.

Information provided by Spartan.

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

Information provided by Spartan.

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.

See bulletin RSB05-400-001B provided by Spartan.

8a. Clearly describe the distinguishing characteristics of the remedy component assembly versus the recalled component assembly.

Information provided by Spartan.

8b. 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.

Information provided by Spartan.

8c. Furnish a recall schedule or agenda, with specific dates for notification to other manufacturers, dealers, recalls, and purchasers. Please identify any foreseeable problems with implementing this recall.

Estimated notification schedule provided by Spartan.

9. Furnish a true 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.

Provided by Spartan.

9a The manufacturer's campaign identification number if not identical to the number assigned by NHTSA.

Newmar's identification number will be assigned by NHTSA.

All Documents to be faxed to (202)366-7882 to be followed by mailing.



SPARTAN CHASSIS, INC.

April 27, 2005

Re: Notice of Recall Service Bulletin: **RSB005-400-001**

Dear Valued Customer,

Please note:

The Vehicle Identification Number that is affected by this recall is on the address label that is on the front of the envelope this letter was contained in.

This notice is sent to you in accordance with the requirements of the National Traffic Motor Vehicle Safety Act.

Spartan Chassis, Inc. has decided that a defect, which relates to motor vehicle safety, exists in: All Spartan Chassis models equipped with Ametek NGI gauges manufactured between 01/06/2002 and 03/31/2005.

Compliance Repairs:

The air gauges are not properly calibrated and the low air warning indicator may be activated when actual air reservoir pressure readings are below the Federal Motor Vehicle Safety Standards required range of 60 to 65psi. This may cause the park brake to engage without warning, thus throwing the passenger forward, creating the potential for injury to occupants.

Corrective Action:

Your authorized service center will install a harness jumper cable to each air sender per recall safety bulletin #RSB05-400-001. If you have had this repair performed before you received this recall notification, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the issue associated with this recall. For more information please contact Tamaris at 517-543-6400 ext.289. Other questions may be directed to Wayne Ridge, Spartan Motor's recall/campaign administrator at 1-517-543-6400 ext. 445.

What You Should Do:

Call an authorized service center without delay. **You do not need to call Spartan Chassis, Inc.** Find the facility most convenient to you. These facilities can be located on Spartan's website: <http://www.spartanchassis.com>. Please call that facility to make an appointment to have this recall implemented.

Rally/Show Dates where repairs can be implemented:

Spartan Technicians will be available at the following rallies/shows to perform the corrective action: To ensure that we have adequate material, contact Spartan Chassis toll free 800-543-4277 (Option 1) to let us know which of the following rallies you will be attending. Spartan will then document your vehicle identification number and secure material to repair.

(Please Note: Available time and the number of Coaches in attendance will determine how much service work can be performed at these rallies. Please call to secure your time slot).

Newmar International Rally. Salem, OR June 20-24, 2005

Newmar FMCA Pre Rally. Minot, ND August 15-18, 2005

FMCA - Minot, ND August 15-18, 2005

Spartan Motors Rally – Charlotte, MI September 26-29, 2005. *Due to potential attendance schedule, please call 517-543-6400 ext.470 to set up an appointment*

Travel Supreme Rally Chillicothe, OH October 3-7, 2005

Leased Vehicles: The lessor must notify the lessee by first class mail within ten (10) days from receipt of their owner notification letter from the manufacturer; both for the initial notification and all subsequent notifications.

Labor Time:

The labor time required to install the applicable kit will be .5 hr. Due to some service scheduling times, your service center may need your vehicle for a longer period.

Reply Card:

Please fill out the enclosed prepaid postcard and mail it to us if you have changed your address, sold, or traded the vehicle.

If the authorized service center has failed or is unable to remedy the defect without charge and within a reasonable time, contact Spartan Chassis at **800-543-4277 - Option 1**. You may also submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street SW, Washington, D.C. 20590 or call the Auto Safety Hotline at 888-327-4236.

We regret any inconvenience this service may cause you. Your safety and continued satisfaction with the quality and performance of your Spartan Chassis vehicle is of the utmost concern to us.

Best Regards,

Wayne Ridge
Product Improvement Administrator
Spartan Chassis, Inc.



SPARTAN CHASSIS, INC.

NHTSA # 05V-146

RSB05-400-001B

May, 2005

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RECALL SERVICE BULLETIN

SUBJECT: Ametek NGI Air Pressure Dash Indicator Calibration

Bulletin RSB05-400-001B supersedes bulletin RSB05-400-001A. Any vehicle repaired prior to the release of bulletin RSB05-400-001A, will not require any additional work.

APPLIES TO: All Spartan Chassis Models Equipped with Ametek NGI Air Pressure Dash Indicators, Manufactured before April 1, 2005

CONDITION: Actual air pressure is lower than the reading on the dash indicator causing the low air pressure warning devices to activate when air pressure is below the specified range of 60 to 65 PSI.

CAUSE: The air pressure dash indicators are calibrated incorrectly.

CORRECTION: Install a harness jumper to each air sender.

PART / SERVICE INFORMATION:

Labor Time: 0.5 Hrs.

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	S-1677-001B	Kit- Ametek Air Pressure Indicator Calibration

Kit #S-1677-001B Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
2	2529-GG5B	Harness Jumper- Air PSI Sender
1	RSB05-400-001B	Document Instructions

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

Technical Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service on vehicles of product specifications in conformance 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-146

RSB05-400-001B

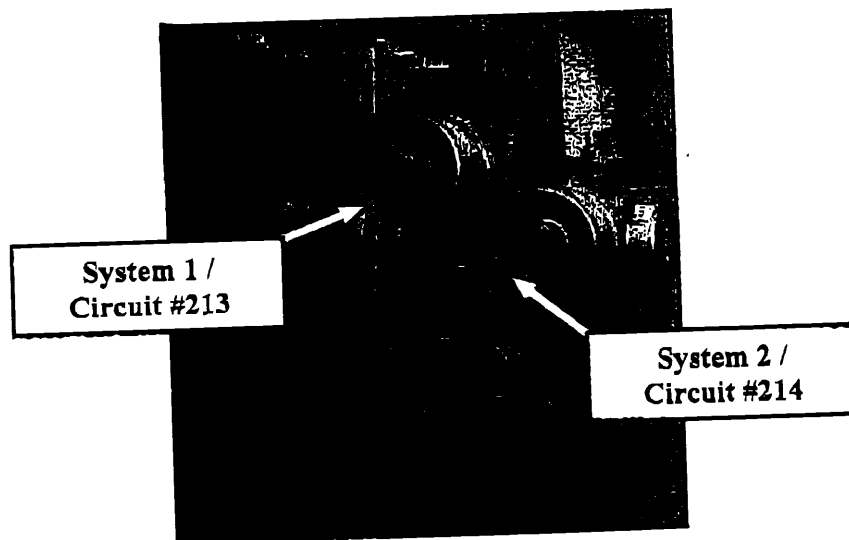
May, 2005
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RECALL SERVICE BULLETIN

STEP-BY-STEP INSTRUCTIONS:

1. Observe all industry safety standards and secure vehicle to allow for disconnection of the air senders at to the front of the treadle assembly.

NOTE: Disconnect **ONLY ONE** sender at a time to ensure proper reconnection.



SIDE VIEW OF AIR SENDERS
FIG. 2-1

2. Refer to FIG. 3-1. Locate air senders at the front of the treadle assembly mounting plate.

NOTE: Disconnect **ONLY one** sender at a time to ensure proper reconnection.

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SPARTAN CHASSIS, INC.

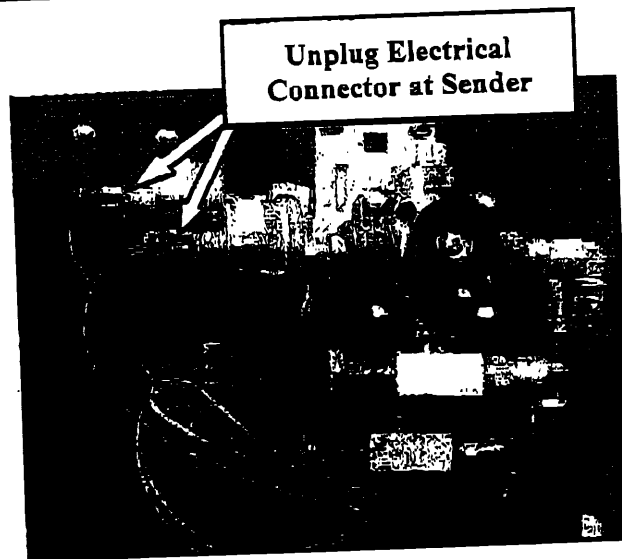
NHTSA # 05V-146

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RECALL SERVICE BULLETIN



FRONT VIEW OF AIR SENDERS
FIG. 3-1

3. Unplug electrical connector at one sender, plug one jumper harness from kit into the sender.
4. Plug electrical connector (previously unplugged from sender) into the jumper harness.
5. Repeat steps #3 and #4 for the remaining sender circuit.
6. Test the operation of the air pressure indicator in the dash.

NOTE: DO NOT adjust the air governor to compensate for changes in the indicator readings.

- 6a. Ensure air system is charged above 65 PSI.

NOTE: Each system is independent. The system 1 and system 2 air dash indicators may not achieve the 60-65 PSI range simultaneously.

- 6b. Pump treadle until the appropriate warning indicators are activated; checking that each air pressure indicator in the dash is reading 60 to 65 PSI.

Technical Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service techniques of a job-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.