



# SPARTAN CHASSIS, INC.

NHTSA # 05V-146

RSB05-400-001C

June, 2005

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## RECALL SERVICE BULLETIN

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**SUBJECT:** Ametek NGI Air Pressure Dash Indicator Calibration

*Bulletin RSB05-400-001C supersedes bulletin RSB05-400-001B. Any vehicle repaired prior to the release of bulletin RSB05-400-001C does 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.

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

**Kit #S-1677-001C Contains:**

<b><u>QTY.</u></b>	<b><u>Part Number</u></b>	<b><u>Description</u></b>
2	2529-GG5C	Harness Jumper- Air PSI Sender
1	RSB05-400-001C	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 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.



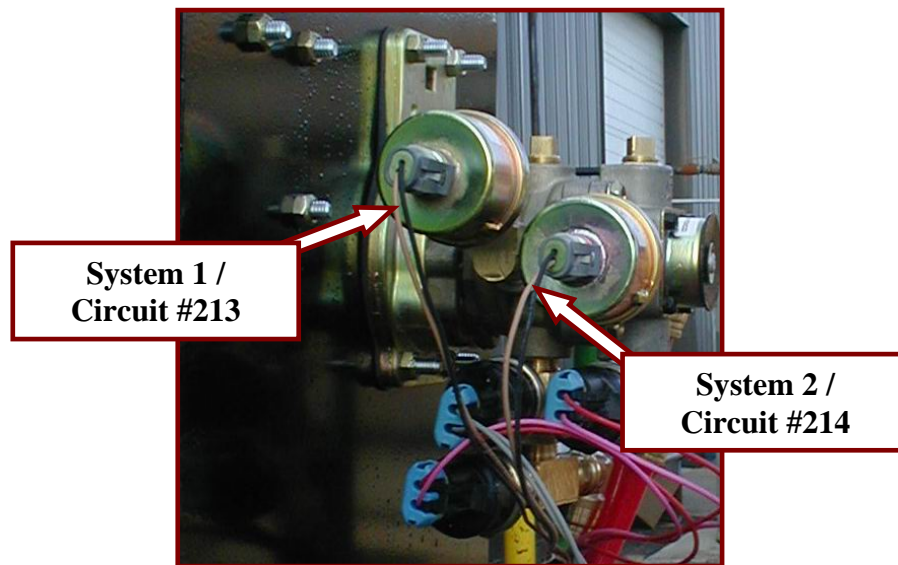
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### STEP-BY-STEP INSTRUCTIONS:

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

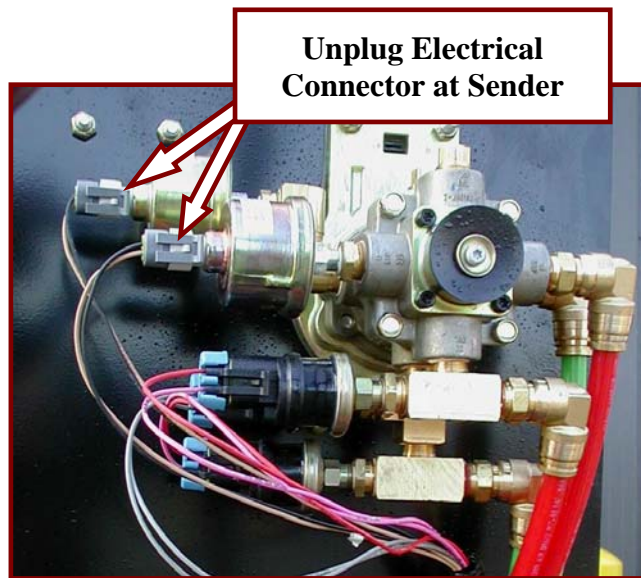
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**FRONT VIEW OF AIR SENDERS**

**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.

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