



SPARTAN CHASSIS, INC.

CSB06-330-001

September, 2006

Page 1 of 4

CAMPAIGN SERVICE BULLETIN

SUBJECT: Air Supply System- Smart Air Management System (SAMS)
Electronic Control Unit (ECU)

APPLIES TO: Certain K3 Spartan Chassis Models Manufactured with a Fleetwood
Body having a VDM (Vehicle Date of Manufacture) of August 4, 2005
through June 14, 2006.

CONDITION: The front suspension may deflate upon aggressive low speed turning
maneuvers.

CORRECTION: Replace SAMS ECU.

PART / SERVICE INFORMATION:

Labor Time: 1.0 Hr.

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	S-1778-001	Kit- SAMS ECU Assembly

Kit #S-1778-001 Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	H00701-05A	ECU Assembly- Hadley SAMS
1	CSB06-330-001	Document Instructions

**PLEASE READ THE ENTIRE BULLETIN BEFORE PROCEEDING WITH ANY
WORK. CONTACT SPARTAN CHASSIS IF THERE ARE ANY CONCERNS WITH
THE PROCEDURES CONTAINED IN THIS DOCUMENT.**

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.

CSB06-330-001

September, 2006

Page 2 of 4

CAMPAIGN SERVICE BULLETIN

STEP-BY-STEP INSTRUCTIONS:

1. Park coach on level surface and observe all industry safety standards to secure vehicle for removal and replacement of the SAMS ECU located in the left front wheel well area on the rear side of the upper air spring support.
2. Refer to FIG. 2-1. Raise coach with hydraulic jacks.
 - 2a. Place a jack stand under coach frame for safety and turn steering wheel to the right enabling access to the manifold assembly.



FIG. 2-1

3. Remove the SAMS manifold/ECU assembly from the upper air spring support by removing the (4) 5/16" bolts that pass through the support and into the manifold. Retain bolts and lock washers for reinstallation.

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.

CSB06-330-001

September, 2006

Page 3 of 4

CAMPAIGN SERVICE BULLETIN

4. Refer to FIG. 3-1. Mark connectors to identify correct location for reassembly. Disconnect cable connections at ECU.

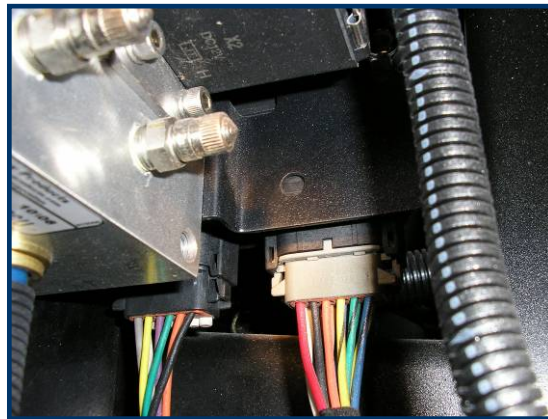


FIG. 3-1

5. Refer to FIG. 3-2. Remove 1/4" mounting bolts, nuts, and washers from bracket that hold ECU to the manifold assembly.



FIG. 3-2

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.

CSB06-330-001

September, 2006

Page 4 of 4

CAMPAIGN SERVICE BULLETIN

6. Remove and properly dispose of existing ECU (H00701-05) and replace with new ECU (H00701-05A).

6a. Tighten nuts onto bolts and reconnect harness connectors to ECU. Torque bolts to 66 lb. in.

Note: Ensure harness connectors are snapped securely into ECU connectors.

7. Reattach SAMS manifold/ECU assembly to upper air spring support by reusing existing bolts & lock washers. Torque to 13-17 lb. ft.

Note: When reinstalling manifold/ECU assembly, ensure air lines and wiring harnesses are free from kinks or any chafing conditions.

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.