



SPARTAN CHASSIS, INC.

CSB05-230-003A

October, 2005

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CAMPAIGN SERVICE BULLETIN

SUBJECT: Radiator - Hardware

Bulletin CSB05-230-003A supersedes bulletin CSB05-230-003 in consideration of a drawing change. Any work performed under the direction of CSB05-230-003 should not require any additional work.

APPLIES TO: Spartan Chassis Fire Truck Models Equipped with an AKG Radiator and a Vehicle Date of Manufacture (VDM) Between 11-11-02 and 02-01-05.

CONDITION: Radiator fasteners loose; possibly missing

CAUSE: Incorrect type of hardware / installation procedure

CORRECTION: Replace radiator hardware.

PART / SERVICE INFORMATION:

Labor Time: 2.0 Hrs.

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	S-1701-001A	Kit- AKG Radiator Hardware

Kit #S-1701-001A Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	3786.004.9000	AKG Hardware Kit
1	3786.004.9001A	Drawing- AKG Hardware Replacement
6	0624HSNZ	Nut- 3/8"-24 Hex Zinc
6	06FWSAEB	Washer- 3/8" Flat SAE Blk
1	CSB05-230-003A	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 replacement of the radiator hardware.
2. Refer to AKG drawing number 3786.004.9001A page 2. Remove fan assembly from fan drive. Properly dispose of washers and nuts.
3. Refer to the AKG drawing number 3786.004.9001A page 1. Remove and properly dispose of the existing radiator hardware. Install new hardware.
4. Refer to AKG drawing number 3786.004.9001A page 2. Reinstall fan using new nuts and washers provided. Torque 33 – 37 LBS. FT.

Note: Removable thread locker (81790 adhesive or equivalent) must be applied to the threads of the fan drive studs before installing nuts.

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