

NEWMAR CORPORATION WARRANTY DEPARTMENT

TECHNICAL SERVICE BULLETIN																	
DATE ISSUED		MODEL YEAR(S) AFFECTED		MODEL(S) AFFECTED		TSB #											
3/24/08		2006-2007		All Newmar DP on Spartan MM Chassis		335											
BRAND						TYPE											
All	☐	American Star	☐	Mountain Aire	☐	All	☐ TT ☐										
Cypress	☐	Dutch Star	☒	Kountry Aire	☐	FW	☐ CA ☐										
Northern Star	☐	Kountry Star	☒	Essex	☐	DP	☒ DB ☐										
Scottsdale	☐	King Aire	☐	London Aire	☐												
All Star ME	☒	Ventana	☒														
<table border="0"><tr><td>☐ Air Conditioning & Heating</td><td>☐ Electrical Components</td></tr><tr><td>☐ Appliances & Accessories</td><td>☐ Exterior Components</td></tr><tr><td>☐ Cabinets & Furniture</td><td>☐ Interior Components</td></tr><tr><td>☒ Chassis Components</td><td>☐ Plumbing & Bath Components</td></tr><tr><td>☐ Construction Components</td><td>☐ Windows, Awnings, Vents, & Doors</td></tr></table>								☐ Air Conditioning & Heating	☐ Electrical Components	☐ Appliances & Accessories	☐ Exterior Components	☐ Cabinets & Furniture	☐ Interior Components	☒ Chassis Components	☐ Plumbing & Bath Components	☐ Construction Components	☐ Windows, Awnings, Vents, & Doors
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DESCRIPTION OF PROBLEM																	
Spartan RSB07-500-002 / NHTSA Recall # 07V-363. Possible chassis electrical failure due to bad jumper connection inside the "Bussman Box" in the chassis electrical system. Electrical failure can mean shut down of engine, transmission, and numerous other chassis electrical components or systems.																	
RECOMMENDED SOLUTION																	
Inspect and replace the "Bussman" electrical box per the chassis manufacturers attached procedure. PLEASE READ THE ATTACHED PROCEDURE COMPLETELY BEFORE BEGINNING ANY REPAIRS. CONTACT SPARTAN MOTORS IF YOU SHOULD HAVE ANY QUESTIONS REGARDING THIS RECALL. Note that this is a NHTSA Recall.																	



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RSB07-500-002

January, 2008

RECALL SERVICE BULLETIN

SUBJECT: Power Distribution – Bussmann® (DVEC) Dual Vehicle Electrical Center.

APPLIES TO: Certain Spartan Chassis Models Manufactured from July 5, 2006 to July 19, 2007, produced with a 2598-GG5A-002 Bussmann® DVEC and has less than 4000 miles on the vehicle.

CONDITION: Electrical power may be lost to components of the major chassis operating systems (engine, transmission, starting, cooling) causing the vehicle to shutdown and/or not be capable of powering up. Each vehicle could potentially experience a unique circumstance where one or a combination of the following conditions could occur: loss of electrical power to the engine, transmission, starting and engine cooling systems, in operation of the right chassis stop/turn signal and right trailer stop/turn signal, the anti-lock brake system (ABS), the auxiliary brake system, the heater elements in the air dryer, and the water-in-fuel separator.

CAUSE: Loose jumper connection inside the Bussmann® DVEC

CORRECTION: Replace Bussmann® DVEC.

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

PART / SERVICE INFORMATION:

Labor Time: 1.0 Hr.

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	S-1923-001	Kit- Bussmann® DVEC Replacement, ISC, ISL with GEN4

Kit #S-1923-001 Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	2598-GG5B-002	Bussmann® DVEC, ISC, ISL with GEN4
1	RSB07-500-002	Document Instructions

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, disconnect any necessary power source and secure vehicle to allow for replacement of the Bussmann® DVEC at the rear PDC (Power Distribution Center).
2. Locate the rear PDC near the engine, generally on the passenger side between the rear wheels and the rear of the vehicle.
 - 2a. Refer to FIG. 2-1. Identify the DVEC having a part number beginning with 2598-GG5A. The part number is located on the inside cover and on the lower right inside face of the box.
 - 2b. Refer to FIG. 2-1, 2-2 & 3-1. The DVEC having a part number in the top right corner of the box ending in a -1 is defective and must be replaced with a box where this number ends in -2 as shown in FIG. 3-1.

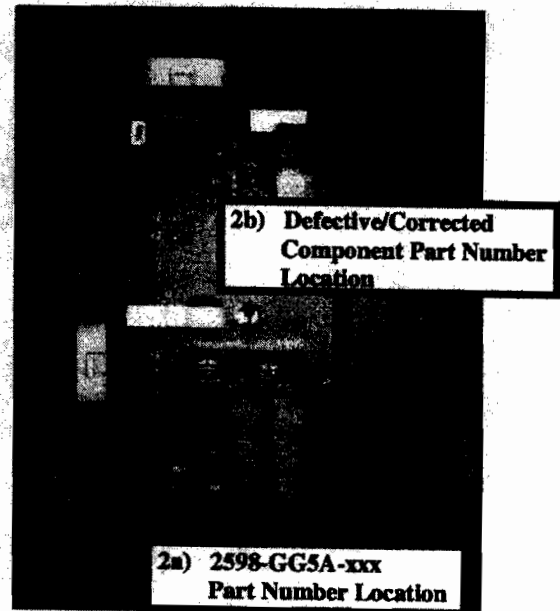


FIG. 2-1

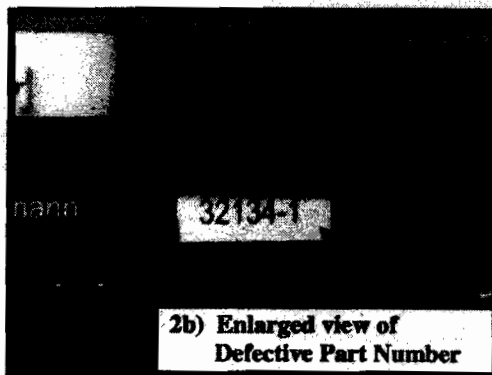


FIG. 2-2

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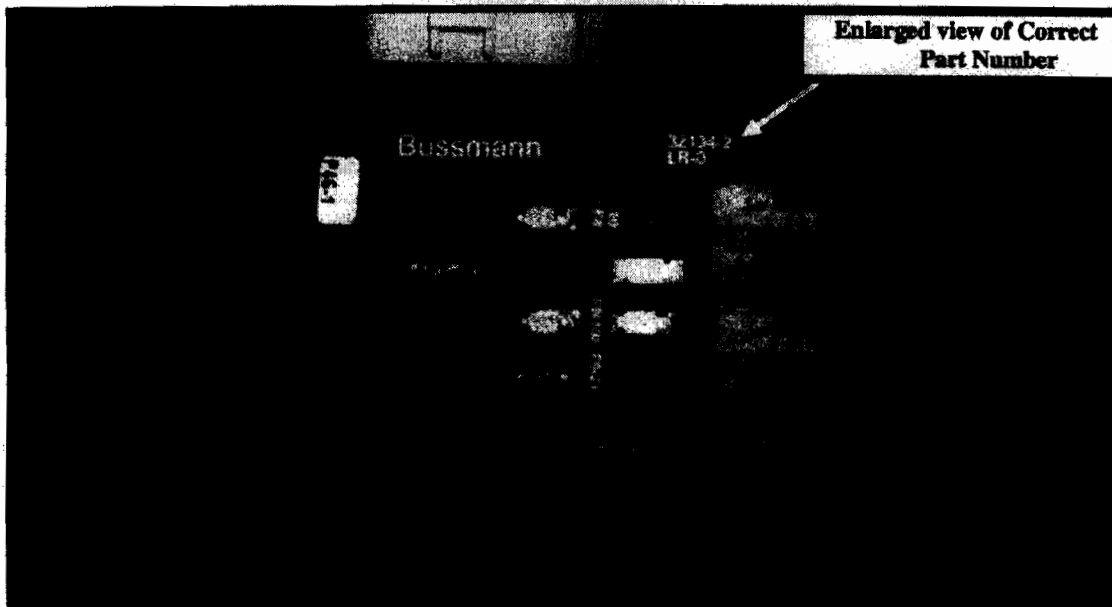
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3. Disconnect the electrical connectors to the DVEC and remove the 4 fasteners attaching the DVEC to the mounting surface. Retain mounting fasteners for reinstallation. Replaced DVEC must be returned to Spartan Chassis Inc.

Note: Follow instructions for returning the defective DVEC to Spartan Chassis Inc.

4. Attach the DVEC to the mounting surface using the fasteners removed in step #3.
5. Connect electrical connectors to the new DVEC.
6. Reconnect any power source previously disconnected.



CORRECT BUSSMANN® DVEC SHOWN

FIG. 3-1

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