

**Part 573 Safety Recall Report****16V-152****Manufacturer Name :** Stallion Bus And Transit Corp.**Submission Date :** MAR 11, 2016**NHTSA Recall No. :** 16V-152**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Stallion Bus And Transit Corp.

Address : 223 Wall Street, Suite 290

New York NY 11743

Company phone : 2703800

**Population :**

Number of potentially involved : 12

Estimated percentage with defect : 100

**Vehicle Information :**

Vehicle : 2013-2013 Stallion Bus 900 Series

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : 35 Foot Rear Engine Motorcoach, 12 units in the following VIN range:

4UZACBDT2ECP6575 to 4UZACBDT7ECP6586

Production Dates : MAR 01, 2013 - OCT 31, 2013

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The wiper systems 12 volt to 24 volt power converter may erroneously shut off when the wiper speed is changed.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Wipers can stop operating when the wiper speed is changed, and will not function again until the bus is powered down and restarted.

Description of the Cause : Overcurrent or voltage protection circuit of the power converter will erroneously be activated.

Identification of Any Warning that can Occur : Problem happens occasionally when wiper speed is changed.

**Supplier Identification :****Component Manufacturer**

Name : Shanghai Deequn Electronics Technology C

Address : No.408, 431 Dushi Road(S)

Shanghai FOREIGN STATES 201109

Country : China

**Chronology :**

3/26/2014 - issue with wiper system was brought to Stallion's attention in a meeting at bus operators facility. Operator had tried to self-diagnose the problem and swapped many parts and relays on their own.

3/27/2014 - Contact with the manufacturer's of wiper components to try to identify the problems.

3/31/2014 - Identify the bus operator installed incorrect components including 12Volt relays on 24V system in attempt to repair wipers. This addresses a problem caused by the bus operator, but not the original issue. Because we were now dealing with multiple issues it was difficult to identify the original problem.

4/4/2014 - Operator provided more detailed report from drivers about when the original problem was happening.

4/7/2014 - Problem identified as the protection circuit in the power converter erroneously being activated.

4/9/2014 - With all component suppliers in agreement an official solution was issued that included removing a resister and diode from the PCB in the power converter to deactivate the protection circuits. The power converter was still protected from overcurrent and voltage by fuses before and after the converter, without the internal protection.

4/30/2014 - Confirmation that all 12 buses had the repair campaign completed.

**Description of Remedy :**

Description of Remedy Program : Customer was located only 9 miles away from our service center, we offered to apply the repair campaign to all the buses at our repair facility. We repaired the first bus on 4/15/2014 when it was provided to us by the bus operator.

How Remedy Component Differs from Recalled Component : The remedied component will have the D4 diode for overcurrent protection, as well as the R9 resister for voltage protection removed from the PCB.

Identify How/When Recall Condition was Corrected in Production : All buses built after these units would use a power converter by a different manufacturer, or a modified converter with the protection circuits disabled.

**Recall Schedule :**

Description of Recall Schedule : All affected buses were repaired during the month of April in 2014 - no additional units need to be repaired.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported