



October 28, 2013

Ms. Nancy Lewis
Acting Associate Administrator for Enforcement
NATIONAL HIGHWAY TRAFFIC SAFETY
ADMINISTRATION
Attn: Recall Management Division (NVS-215)
1200 New Jersey Avenue, SE
Washington, DC 20590

**Re: Recall Notification
2012 Setra S407 CC, 2007-2010 Setra S417 and 2011-2013 Setra S417 TC motorcoaches
equipped with Sure Power Equalizers**

Dear Ms. Lewis:

On October 17, 2013 EvoBus GmbH determine a safety defect existed in certain 2012 Setra S407 CC, 2007-2010 Setra S417 and 2011-2013 Setra S417 TC motorcoaches equipped with Sure Power Equalizers and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Reports.

Note – defect information contained within is identical to recall number 13E-050 assigned by NHTSA to Sure Power Inc., manufacturer of the defective component.

573.6(c)(1)

Name of manufacturer: EvoBus GmbH, Neu-Ulm, Germany

**Manufacturer's
designated importer and
sales agent:** Timothy Nalepka
Motor Coach Industries, Inc.
1700 E. Golf Road, Suite 300
Schaumburg, Illinois 60173
Phone: 847-285-2085

**Manufacturer's
regulatory agent:** Bill Nicolle
WPN Services (on behalf of Daimler Buses North America)
350 Hazelhurst Road
Mississauga, Ontario, Canada. L5J 4T8.
Telephone: (416)624-3558

573.6(c)(2)

Identification of potentially affected vehicles:

<u>Make/Model</u>	<u>Description</u>	<u>VIN Range (last 6 digits) / Dates of Manufacture</u>
Setra S407 CC	Model year 2012	050002 / Aug 2010 up to 050058 / Nov 2011
Setra S417	Model Year 2007	000486 / Dec 2006
Setra S417	Model Year 2008	000561 / Oct 2007 up to 000697 / Jun 2008
Setra S417	Model Year 2009	000700 / Jun 2008 up to 000852 / Jun 2009
Setra S417	Model Year 2010	000853 / Jul 2009 up to 000914 / Jul 2010
Setra S417 TC	Model year 2011	010001 / Sep 2010 up to 010070 / May 2011
Setra S417 TC	Model year 2012	010071 / Jul 2011 up to 010119 / May 2012
Setra S417 TC	Model year 2013	010121 / May 2012

Description of the basis for the determination of the recall population:

The recall population was based on manufacturing records. The VIN range reflects all possible vehicles that could potentially experience the problem.

573.6(c)(2)(iv)

Identification of affected component:

Component: Integrated 12V/24V battery Equalizers & Convertors
Country of Origin: United States
Manufacturer: Sure Power Inc.
Contact Name: Mr. James Henley – Director of Quality Assurance
Address: 114 Old State Rd, Ellisville, MO 63021
Telephone No. : (636)207-3264 / JamesMHenley@Eaton.com

573.6(c)(3)

Total number of potentially affected vehicles:

457

573.6(c)(4)

Percentage of affected vehicles that contain the defect:

The percentage is unknown; therefore, all affected vehicles identified in this report will be included in the recall campaign.

573.6(c)(5)

Defect Description:

Setra coaches utilize a dual voltage electrical system consisting of 12 and 24 volt power. An equalizer balances the power needs of the vehicle between the two systems. The specific potting compound used in the Sure Power equalizer and convertor for insulation was found to be capable of conducting electricity once exposed to significant thermal energy. Once electrically

conductive, the material is capable of self-heating and maintaining temperatures capable of accelerating a thermal incident. Thermal energy can be sourced by various electrical failures. Electrical failures have been traced to water intrusion or solder joint fatigue resulting from on-going expansion and contraction due to thermal cycling resulting in a high current short circuit and the possibility of a fire.

573.6(c)(6)

Chronology :

Sept.11, 2013

DBNA notified by Sure Power of their intention to recall certain equalizers and convertors used in Orion buses. Sure Power recall assigned 13E-050 by NHTSA. DBNA notified EvoBus GmbH, manufacturer of Setra luxury coaches

Oct. 17, 2013

EvoBus determined a safety defect existed in certain Setra coaches and an investigation into affected vehicles manufactured by EvoBus commenced.

573.6(c)(8)(i)

Program for remedying the defect:

MCI – the designated importer and sales agent for the affected motorcoaches - will notify affected customers of this defect and the potential safety consequences. Subsequent notifications and the remedy – replacement of the equalizer – will be undertaken without charge to the customer.

573.6(c)(8)(ii)

The estimated date for notification to customers: Target end of Nov 2013 by MCI

The estimated date to provide service bulletin: Target end of Nov 2013

The estimated date of completion of the notification: Target end of Nov 2013 by MCI

573.6(c)(9)

Representative copies of all notices, bulletins and other communications:

A copy of the service bulletin will be submitted to your office as soon as possible.

573.6(c)(10)

Proposed owner notification letter submission:

A draft of the owner notification letter will be submitted to your office as soon as possible.

573.6(c)(11)

Manufacturer's campaign number:

54.10U09052A

Sincerely,



Bill Nicolle
WPN Services (on behalf of Daimler Buses North America)