

Technical information

EvoBus

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The point of contact is the EvoBus after-sales service in each country

MODEL: S 417 TC; S 407 CC

MODEL SERIES: 629534; 629540; 629557

TITLE: **Possible malfunction of voltage converters (equalisers)**

COMPLAINT

Voluntary declaration on voltage converters (equalisers) by the supplier.

CAUSE

The insulation of the 24 V/12 V voltage converters (equalisers) may become electrically conductive under the effects of heat.

REMEDY

All voltage converters (equalisers) in the vehicles concerned to be exchanged.

MEASURE TYPE

The scope of the work is carried out on the vehicles concerned as part of a safety recall. A description of how to proceed can be found in the KOMMIT system.



Replacement parts required to be made available by Sure Power.

DEFECT PART HANDLING

Removed parts to be returned to Sure Power.

OPERATION TEXTS

Operation no.	Operation text	Working time/h	Comment
02-5382	Exchange voltage converter	0.5	

The times apply for work at an hourly rate.

DEFECT NUMBER

Defect no.: Designation
5493095

CODEWORD

1310054M08

INTRODUCTION OF MODIFICATIONS INTO SERIES PRODUCTION

31.05.2012

WARRANTY AND GOODWILL SETTLEMENTS

Field measure type Recall: 100 % of costs will be accepted

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Attachments

Exchanging the voltage converters (equalisers) (01N03)

Preparations	Section
Open the battery compartment flap, disconnect the battery isolating switch.	

- Open the luggage compartment flap on the right-hand side to the front of the rear axle.



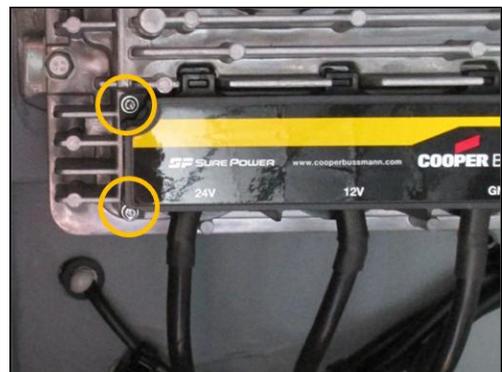
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- Remove the cover in front of the power distribution board and remove the voltage converter (equaliser) (01N03).



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- Remove the cover cap from the contact rings of the electrical lines.
- Mark the electrical lines and connections.



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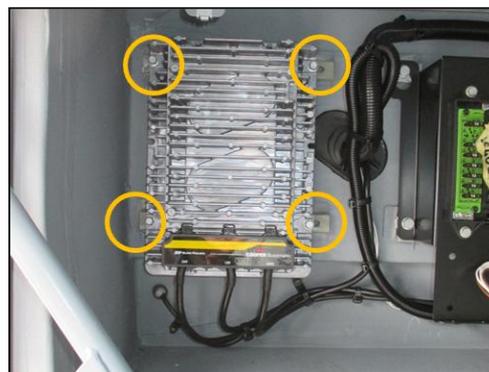
- Disconnect the electrical lines from the

voltage converter (equaliser) (01N03).



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- Remove the voltage converter (equaliser) (01N03) 60 A model 52206 or 52208.
- Fit the voltage converter (equaliser) (01N03) 80 A model 21080E00.



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- Connect the electrical lines to the voltage converter (equaliser) (01N03).

i Wiring diagram A 629 546 46 98 Bl.2

- Fit the cover cap, fit the cover and close the luggage compartment flap.



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Concluding tasks	Section
Close the battery isolating switch, close the battery compartment flap.	
Updating vehicle documentation in the “VeDoc” system and updating bus-specific electrical data	00

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