

Technical information

EvoBus

TI No.: 15.40U08377A

Distribution list: D

Distribution date: 05.12.2012

Valid until:

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

MODEL: CC 500; TC 400; TRAVEGO Euro VI; INTEGRO; MC400
 MODEL SERIES: 410200; 410210; 410230; 410240; 410250; 410260; 410270; 410280;
 410320; 629540; 629557; 632400; 632430; 632450; 633330; 633660
 TITLE: **Alternator - line routing to earth connection (alternator 3)**

COMPLAINT

In unfavourable cases, the earth line suffers chafing near the B+ connection of alternator 3 and causes a short circuit.

CAUSE

Non-standardised routing of earth line possible at B+ connection on alternator 3.

REMEDY

Reroute the earth line.

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.

DEFECT PART HANDLING

On expiry of the quarantine storage period, the removed used parts must be scrapped locally.

REPLACEMENT PARTS REQUIRED

Quantity	Name	Number	Comment
1	Cable lug	A 003 982 03 02	Custom shape, angled
0.1	Heat-shrink tubing	A 021 997 41 82	By the metre

OPERATION TEXTS

Operation no.	Operation text	Working time/h	Comment
02-8187	Correct the line routing at the alternator	0.6	

The times apply for work at an hourly rate.

DEFECT NUMBER

Defect no.: Designation
 1591090

CODEWORD

1211O15M01

01.12.2012

WARRANTY AND GOODWILL SETTLEMENTS

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

BUS/MAT

pp.

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Attachments

Operation instructions

- [Rerouting the line to the earth connection at alternator 3](#)

Bus / 15.800 Generator 11.2012

This document may contain confidential information. Distribution outside the workshop distribution list is not permitted.

For information only. Subject to ongoing technical development. Not subject to the amendment service.

Measuring checking

Rerouting the line to the earth connection at alternator 3

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Preparations	Section
Operate the battery isolating switch - Isolate from power supply	



Risk of short circuit and fire.

There is a risk of injury if work is carried out on the electrical system or fuses incorrectly. ▶

[Details...](#)



Medienauftrag M15.40-0024-81

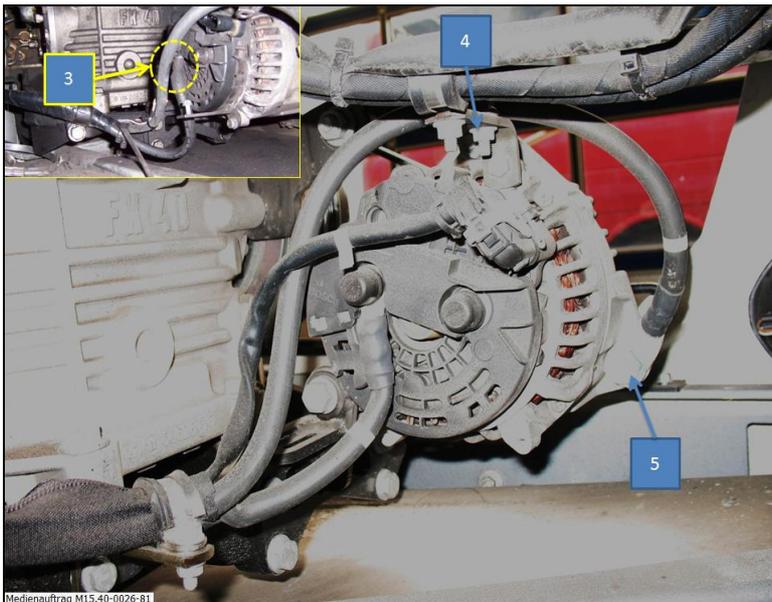
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- Alternator 3 (1).



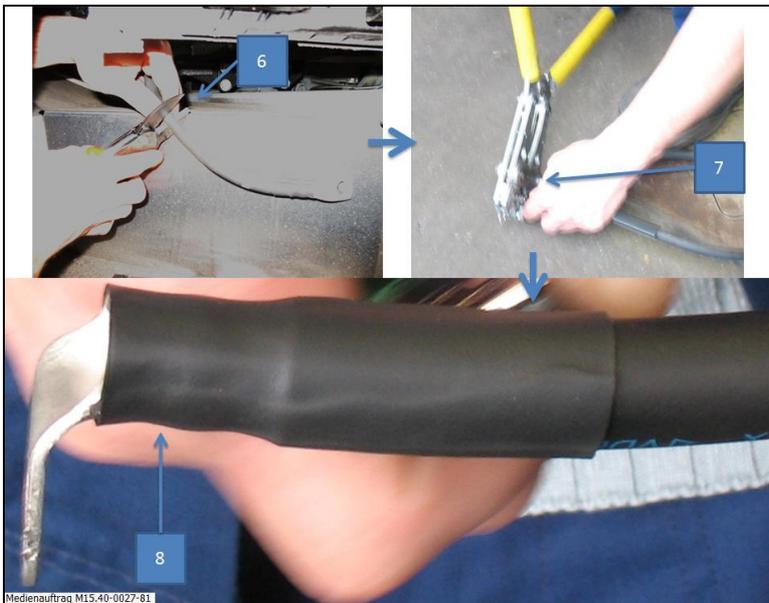
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- Access (2) at rear side of alternator 3.



M15.40-0026-81

- Possible chafe point (3) at B+ connection of alternator.
- Remove the earth cable from fastening points (4) and (5).



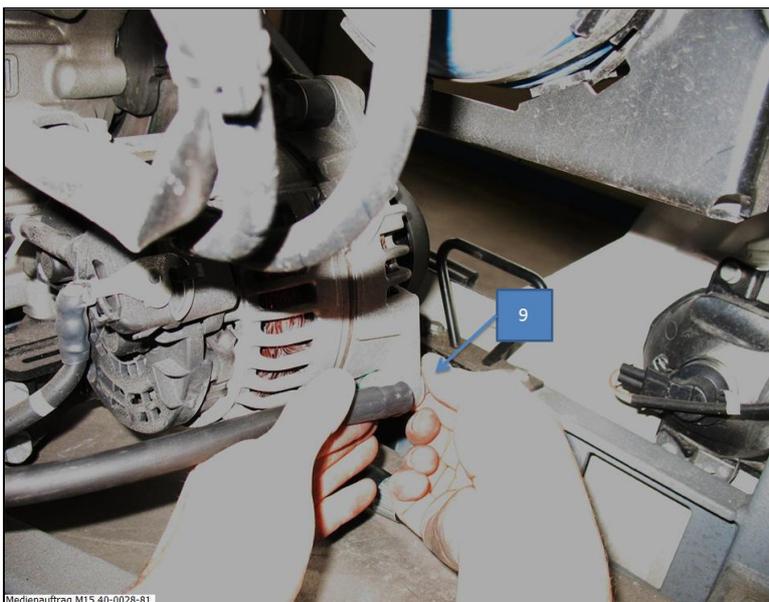
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- Sever the earth cable at approximately 18 cm (6).



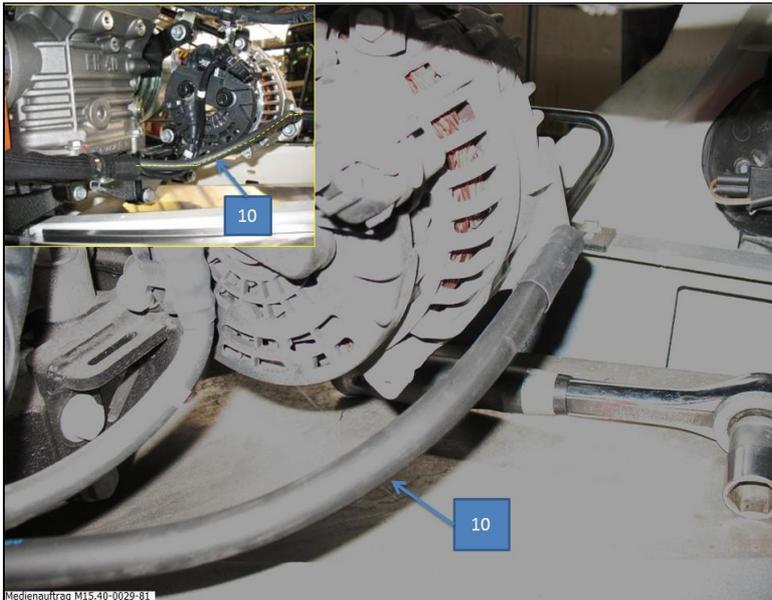
Before the earth cable is severed, check the tolerances in the wiring harnesses and adapt cable length if necessary.

- Fit cable lug (7).
- Ready prepared angled cable lug (8) with heat-shrink tubing.



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- Secure the earth cable to alternator 3 (9).



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- New routing (10) of earth line.

Subsequent jobs	Section
Operate the battery isolating switch	