

# Technical information

**TI No.: 09.20U10454B**

**Distribution list: D**

**Distribution date:**

**20.04.2018**

**Valid until: 31.12.2020**

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

**Model:** CBC Euro VI; CC 500; Citaro C2 Step 2; Citaro C2 Step 3; Conecto Euro VI; Conecto NG; DT 400; IBC Euro VI; Integro Euro VI; Intouro Euro VI; MB Business; MC 400 Euro VI; TC 400; TC 500; Turismo Euro VI; Travego Euro VI

**MODEL SERIES:** 410002; 410120; 410130; 410140; 410200; 410210; 410230; 410240; 410250; 410260; 410270; 410280; 410540; 410545; 410550; 410580; 628016; 628023; 628024; 628033; 628034; 628035; 628036; 628038; 628039; 628054; 628056; 628218; 628223; 628224; 628233; 628235; 628236; 628238; 628254; 628255; 628256; 628259; 628314; 628324; 628331; 628341; 628351; 628403; 628405; 628415; 628419; 628448; 628454; 628456; 628503; 628505; 628506; 628513; 628515; 628523; 628524; 628525; 629540; 629557; 632400; 632410; 632415; 632420; 632430; 632431; 632440; 632450; 632451; 632460; 632470; 632475; 633300; 633310; 633320; 633330; 633340; 633350; 633360; 633381; 633382; 633383; 633391; 633392; 633396; 633620; 633660; 633720; 633723; 633743; 634402; 634404; 634405; 634407; 634412; 634413; 634422; 634423

**Engine:** 470904; 470908; 470914; 470915; 471902; 471905; 471932; 471937; 471938; 936915; 936919; 936923; 936980; 936991; 936993

**TITLE: Replacing the securing clamps for the charge-air hoses**

**Replaces: 09.20U10454A**

Reason:

Amendment to standard working times

**COMPLAINT**

The securing clamps for the charge-air hoses are prone to cracking.

**CAUSE**

Corrosion of the clamps caused by the effects of road salt.

**REMEDY**

Installation of heat-treated hose clamps.

**MEASURE TYPE**

The scope of the work is carried out as part of a Customer Service measure (KDM).

**INFORMATION**

To avoid uncertainty at the time of parts ordering, please refer to the installation description to check which engine is fitted in the vehicle.

**i** Please note: Citaro LE and Setra LE belong to the category of interurban bus with OM 936 upright.

With the exception of the following model designations of the Citaro LE: C628503, C628513, C628523, C628524. These 4 model designations belong to the category of city bus with OM 936 upright.

**DEFECT PART HANDLING**

For workshops in which parts control is carried out via GALA, the GALA specifications are binding. For workshops in which parts control is not carried out via GALA, the removed defect parts must be scrapped locally on expiry of the quarantine storage period.

**REPLACEMENT PARTS REQUIRED**

Quantity	Designation	Number	Comment
Parts required for tourist coach/interurban bus with OM 470/471			
8	Hose clamp 100 mm	A 001 995 86 10 05	
Parts required for city bus with OM 470			
6	Hose clamp 100 mm	A 001 995 86 10 05	
Parts required for city bus with OM 936 horizontal			
10	Hose clamp 85 mm	A 001 995 85 10 05	
Parts required for tourist coach/interurban bus with OM 936 upright			
8	Hose clamp 85 mm	A 001 995 85 10 05	
2	Hose clamp 65 mm	A 001 995 18 10 05	
Parts required for city bus with OM 936 upright and city bus with M 936 G (gas engine)			
6	Hose clamp 85 mm	A 001 995 85 10 05	

## OPERATION TEXTS

Operation no.	Operation text	Working time/h	Comment
02-2083	Replace hose clamps for charge-air hoses with new ones	1.1	Valid for tourist coach/interurban bus with OM 470/471 and city bus with OM 470
02-2083	Replace hose clamps for charge-air hoses with new ones	1.2	Valid for city bus with OM 936 horizontal
02-2083	Replace hose clamps for charge-air hoses with new ones	2.0	Valid for tourist coach/interurban bus with OM 936 upright
02-2083	Replace hose clamps for charge-air hoses with new ones	0.8	Valid for city bus with OM 936 upright and city bus with M 936 G (gas engine)

The times apply for work at an hourly rate.

## DEFECT NUMBER

**Defect no.:**            **Designation**

0991167

## CODEWORD

1708B09M01

## INTRODUCTION OF MODIFICATIONS INTO SERIES PRODUCTION

05.06.2017

## WARRANTY AND GOODWILL SETTLEMENTS

Field measure type KDM (Customer Service measure): 100 % of costs will be accepted.

BUS/MCC

BUS/MCC-O

pp.

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Johannes Lehmann

Markus Fischer

## Attachments

### Replacing the hose clamps for the charge-air hoses

**Warning**

**Risk of accident.** Danger from unauthorised starting of the engine or movement of the vehicle. Persons in areas of the bus that are hidden from view (underbody, rear, roof, etc.) are at risk of injury if the engine is started or the vehicle is moved by other or unauthorised persons.

[Details...](#)

**Warning**

**Risk of fatal injury.** Risk of injury from being drawn into rotating vehicle parts. Freely rotating parts in the vicinity of the running engine and drive train can cause serious injuries.

[Details...](#)

**Warning**

**Risk of injury.** Risk of injury to skin and eyes when handling hot or red-hot objects. Contact with hot or red-hot objects may cause severe burns to skin and eyes if the appropriate protective clothing is not worn. When red-hot objects come into contact with water, hot steam or spray is produced and this can cause serious burns to skin and eyes. If hot or red-hot objects come into contact with unprotected skin or eyes, serious and even permanent damage can result. There is a risk of fire if red-hot objects come into contact with flammable materials.

[Details...](#)

**Note**

Please note: Citaro LE and Setra LE belong to the category of interurban bus with OM 936 upright.

With the exception of the following model designations of the Citaro LE: C628503, C628513, C628523, C628524. These 4 model designations belong to the category of city bus with OM 936 upright.

**Procedure**

1. [Tourist coach/interurban bus with OM 470/471](#)
2. [City bus with OM 470](#)
3. [City bus with OM 936 horizontal](#)
4. [Tourist coach/interurban bus with OM 936 upright](#)
5. [City bus with OM 936 upright](#)
6. [City bus with M 936 G \(gas engine\)](#)

**Finishing tasks**

► Updating vehicle documentation in the "VeDoc" system and updating bus-specific electrical data

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