

Technical information Daimler Buses

TI No.: 83.70U23243B Distribution list: D Distribution date: 24.10.2023
Valid until: 31.12.2025

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

Model: S 531 DT; S 515 HDH; S 516 HDH; S 517 HDH; S 511 HD; S 515 HD; S 516 HD/2; S 516 HD/3; S 517 HD; S 519 HD; Turismo; Turismo RL; Turismo M/2; Turismo M/2 RL; Turismo M/3; Turismo M/3 RL; Turismo L; Turismo L RL; Travego 15 SHD; Travego 16 SHD; Intouro K; Intouro M; Intouro L; Tourrider Business; Tourrider Premium; Citaro; Citaro Ü; Citaro G; Conecto; Citaro K; Citaro LE; Citaro LE Ü; OC500 RF 1939/1943/1946; OC500 RF 2543/2546; OC500 LE 1930/1936

MODEL DESIGNATION (BM): 410010; 410121; 410131; 410141; 410201; 410210; 410211; 410231; 410241; 410250; 410251; 410261; 410540; 410545; 410550; 410555; 410560; 410565; 410570; 410575; 410580; 410585; 410700; 410710; 410730; 410730; 410750; 410840; 410850; 628035; 628036; 628039; 628056; 628235; 628236; 628331; 628405; 628505; 628515; 628525; 634406; 634408; 634426

TITLE: Commissioning the "Thermo CAN Gateway" auxiliary heating diagnostics interface

Replaces: 83.70U23243A
Reason:

TI expanded to include vehicle variants in which the retrofitting of the gateway is additionally required and, where applicable, it is necessary to replace the electronics unit of the auxiliary heating unit with a new one.

COMPLAINT

The auxiliary heating unit is not capable of undergoing diagnostics.
CAUSE

The "Thermo CAN Gateway" diagnostics interface was not programmed.
REMEDY

Version 1: Update the flashware of the HVAC (and MUX/EAM if necessary)

Version 2: Update the flashware of the HVAC (and MUX/EAM if necessary) + retrofit gateway

Version 3: Update the flashware of the HVAC (and MUX/EAM if necessary) + retrofit gateway + replace auxiliary heating unit electronics unit with a new one

MEASURE TYPE

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

WARNING NOTES

Caution: Before work scope version 1 is carried out, it is essential to check that the vehicle is equipped with Thermo 300 (identification plate) and that the CAN control unit is fitted to the black bracket for the auxiliary heating unit and plugged in (6-pin connector). If not, this TI cannot be carried out.

Gateway in B2E (MUX) vehicles should be the 500 kB version: Item number A 001 446 94 29 / Valeo no.: 11146827

Gateway in B2E+ (with ASAM and EAM) vehicles should be the 125 kB version: Item number A 001 446 93 29 / Valeo no.: 11146829

INFORMATION

For the vehicle-specific scope of work and replacement parts, please refer to the attached list "Determining scope of work and required replacement part kits" in advance.

DEFECT PART HANDLING

The GALA (warranty parts processing) stipulations are binding. Workshops without GALA should scrap the defect parts immediately after the repair.

OPERATION TEXTS

Operation no.	Operation text	Working time/h	Comment
12-1804	Retrofit gateway for auxiliary heating	0.4	
12-1805	Replace electronics unit of auxiliary heating with a new one	0.5	
12-1781	Program and parameterise heating/ventilation/air-conditioning control unit (HVAC)	0.9	
12-1782	Program MUX/EAM control unit (HVAC programmed)	0.2	

The times apply for work at an hourly rate.

DEFECT NUMBER

Defect no.: Designation

8390076

CODEWORD

8370U23243

INTRODUCTION OF MODIFICATIONS INTO SERIES PRODUCTION

06/2023

WARRANTY AND GOODWILL SETTLEMENTS

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

DB/MCC DB/MCC-O

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Attachments

- : [Determining scope of work and required replacement part kits](#)

Operation instructions

- [Version 1: Update the flashware of the HVAC \(and MUX/EAM if necessary\) \(after visual inspection of heating \(Thermo 300\) and gateway connection where applicable\)](#)
- [Version 2: Update the flashware of the HVAC \(and MUX/EAM if necessary\) + retrofit gateway](#)
- [Version 3: Update the flashware of the HVAC \(and MUX/EAM if necessary\) + retrofit gateway + replace auxiliary heating unit electronics unit with a new one](#)

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