
Instruction

Determining which VCU-software to use

Translation of the document

Publisher

Designwerk Technologies AG
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Validity

This document is only valid for the products listed in the following table:

Type	Model	Version
E-LKW	LOW CAB	all
E-LKW	MID CAB / MID CAB X / HIGH CAB	V2.X

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1 Safety regulations and information**1.1 Designwerk Service portal**

The following documents are available for download on the Designwerk Service portal:

	Safety instructions and warnings	DW_009BAISIH
	List of abbreviations	DW_009BAIAKV
	Designwerk Imprint	DW_009BAIIPM

2 Composition of the software designation

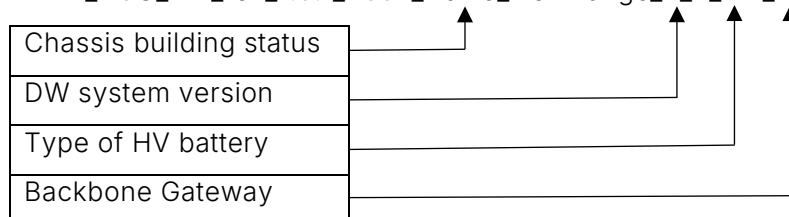
The relevant information must be taken from each of the three columns.

From this, the corresponding version of the VCU-software is derived.

Chassis building status	DW system version	Type of HV battery	Backbone Gateway BBG
Mercedes_Low-Cab	2_0 (corresponds to V2.0)	ME (plug colour of LV-plug grey)	-
Volvo_Classic	2_1 (corresponds to V2.1)	STW (plug colour of LV-plug black)	-
Volvo_NewRange	2_2 (corresponds to V2.2)		BBG from VCU rev. 4096 for Volvo New Range

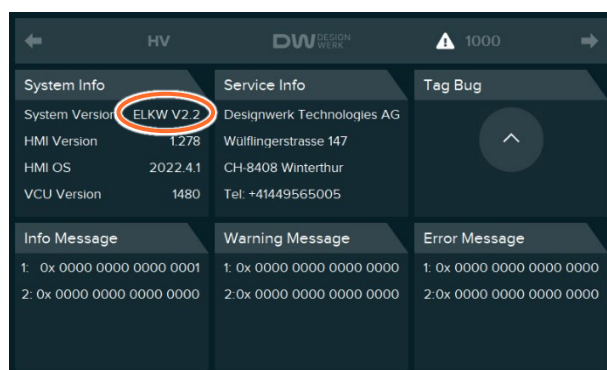
Example:

ELKW_VCU_FW_rev_1.0.1_4097_Volvo_NewRange_2_2_ME_BBG.app

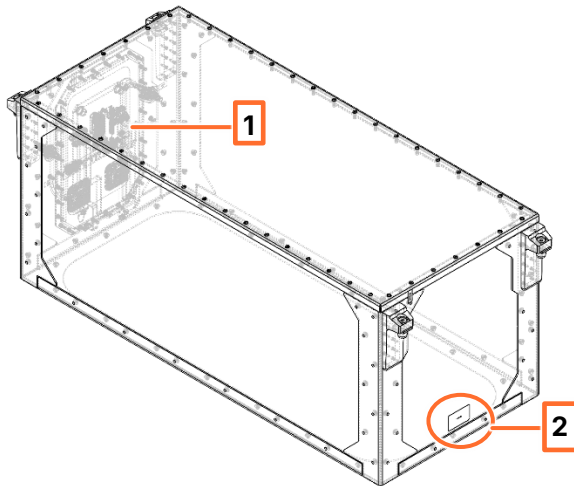


3 Identifying the system version of the E-Truck

The Designwerk sytem version can be found in the HMI under System Info.

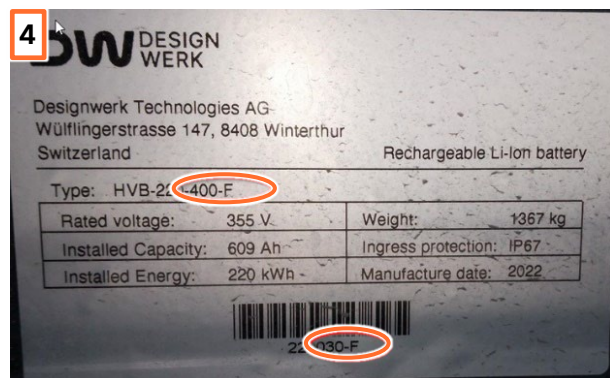
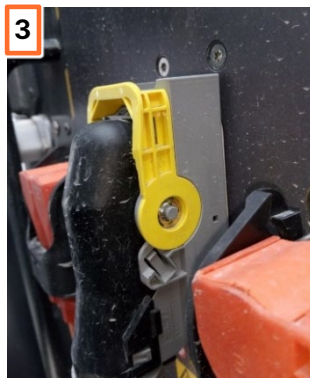


4 Identifying the battery type



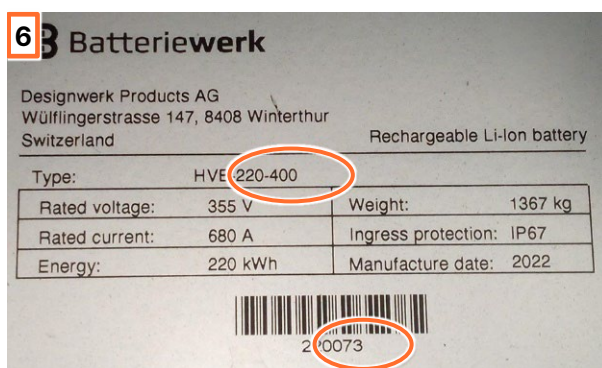
1	Position LV plug	2	Position type plate
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4.1 HV battery type ME



3	LV plug of the HV battery grey	4	Batterie type on type plate HVB-220-400-F HVB-250-400 HVB-125-400 HVB-170-400-L HVB-250-400-R
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4.2 HV battery type STW



5	LV plug of HV battery black	6	Battery type on type plate HVB-170-400 HVB-85-400 HVB-220-400 HVB-225-400
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4.3 Backbone Gateway (BBG)

Only for Volvo New Range vehicles (FM4 B/ FH4 B).

If the version displayed in the HMI under messages is already higher than 4096, the BBG is installed. The VCU software with BBG designation must be loaded.

 A VCU version greater than or equal to 4096 with BBG designation only works if the BBG is installed. Otherwise a message is displayed on the HMI and the vehicle will not drive. If the version is lower than 4096 (8), a corresponding VCU software without BBG designation must be loaded. If in doubt, you can check in the LVDU to see if a BBG is installed (7).



5	Backbone Gateway BBG at the front left of the LVDU	6	VCU version larger or equal 4096
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