
Repair instruction

Replacing the instrument decor

Translation of the original language

Publisher

Designwerk Technologies AG

www.designwerk.comMember of the Volvo Group

Validity

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

Type	Model	Version	Special equipment code
E-LKW	LOW CAB	MK1	
E-LKW	LOW CAB	MK2	
E-LKW	LOW CAB	MK3	

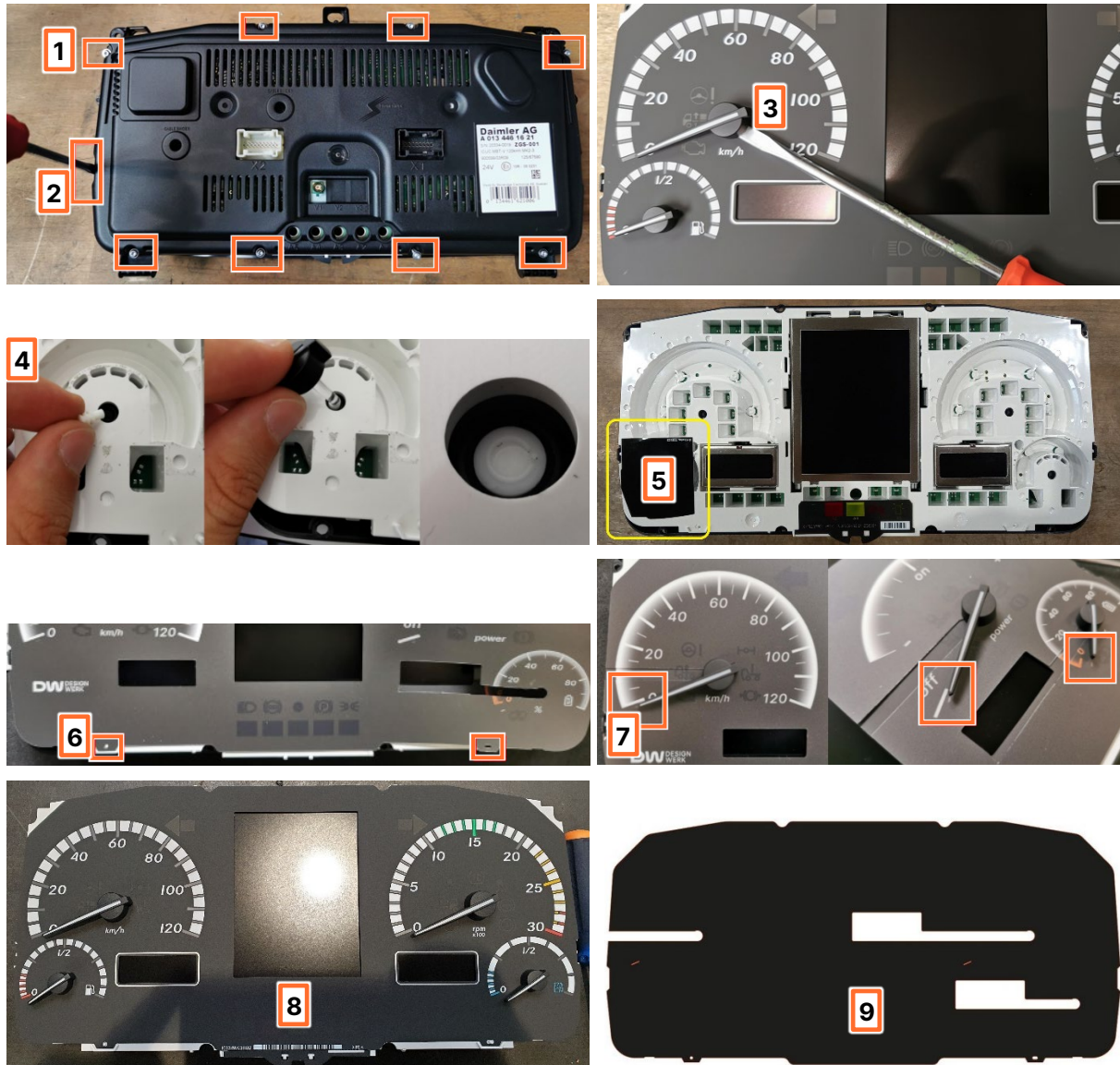
1 Safety regulations and information

	Safety instructions and warnings	DW_Safety instructions
	List of abbreviations	DW_List of abbreviations
	Designwerk Imprint	DW_Imprint

2 Repair parts set

A repair parts set containing the Designwerk decor and the template is required for the modification. This parts set must be obtained from Designwerk.

3 Pictures illustrating the replacement



1	Housing screws	6	Foil holes
2	Lever open the housing	7	Positioning the pointer
3	Loosen the pointer	8	Original Mercedes-Benz foil
4	Close pointer opening with blind plug	9	Template
5	Sticker		

4 Modify a new instrument (ICUC) to the Designwerk decor

Avoid cleaning the Plexiglasses if possible



- When working with the instrument display, pay attention to cleanliness so that the Plexiglas does not have to be cleaned if possible. Cleaning can cause small scratches in the glass.

1 Open the housing

- For this purpose, loosen the eight Torx housing screws (1) and carefully lever open the side of the housing with a flat-blade screwdriver (2).

Remember the pointer position and do not damage the foil



- Before removing the pointers in the next step, look how deeply they are pressed in, so that they can be mounted in the same way again during reassembly.
- Be careful not to damage the foil during the reassembly work. This will be needed again later.

2 Loosen the pointers and remove the foil

- For this purpose, carefully lift all four pointers with two slotted screwdrivers and remove them (3).
- Then remove the foil.

3 Close the pointer opening of the former fuel gauge (bottom left) with a blind plug (4).

4 Cover former fuel gauge (bottom left) with sticker (5).

5 Apply a new foil

- For this purpose, position the new foil with the two holes at the bottom (6) and stick it on.

6 Place the template (9) over the foil.

Do not damage the mechanics of the pointers



- When inserting the pointers in the next step, work carefully so that the mechanics of the pointers is not damaged.

7 Inserting the pointers

- Insert the pointers so that they are exactly on the cut-out markings in the mechanical stop of the potentiometer (7).
- Press the pointers in sufficiently at the end.

Work accurately



- The pointers may have to be inserted several times until it is exactly right.

8 The pointers may have to be inserted several times until it is exactly right.

9 Close the housing of the instrument again with the 8 screws (1).

5 Conversion in case of defective instrument (ICUC) to original detector for return shipment

Restoring the original condition



- If the defective instrument has to be returned to Mercedes Benz, it must first be restored to its original condition, i.e. reapplied with the original decor.

1 Open the housing

- For this purpose, loosen the eight Torx housing screws (1) and carefully lever open the side of the housing with a flat-blade screwdriver (2).

Remember the pointer position and do not damage the foil



- Before removing the pointers in the next step, look how deeply they are pressed in, so that they can be mounted in the same way again during reassembly.

2 Loosen the pointers and remove the foil

- For this purpose, carefully lift all four pointers with two slotted screwdrivers and remove them (3).
- Then remove the foil.
- Dispose of the removed Designwerk foil.

3 Remove the sticker (5) on the fuel gauge (bottom left) and discard it.

4 Remove and discard the blind plug (4) in the pointer opening of the fuel gauge (bottom left).

5 Apply the original foil

- Insert the original Mercedes-Benz foil (8) of the instrument display, which was originally removed from a new instrument, into the defective instrument.

6 Place the template (9) over the foil.

Do not damage the mechanics of the pointers



- When inserting the pointers in the next step, work carefully so that the mechanics of the pointers is not damaged.

7 Inserting the pointers

- Insert the pointers so that they are exactly on the cut-out markings in the mechanical stop of the potentiometer (7).
- Press the pointers in sufficiently at the end.



Work accurately

- The pointers may have to be inserted several times until it is exactly right.

8 The pointers may have to be inserted several times until it is exactly right.

9 Store or return the instrument (ICUC) in accordance with the normal Mercedes-Benz warranty process.
