



Repair instructions

Instructions for changing the software version

Created
Service
02.09.23 - V1d

1. vehicle:	Ford Nugget / Nugget Plus / Big Nugget
2nd assembly:	Control panel
3rd image:	
Working time (AW): (10=1h)	See page 2

Demand:

Micro SD card (class 4, max. 4GB) - Card adapter, if required with card adapter and/or card reader (if no corresponding slot is available in your device)

Work steps

	Range	Work step	Labour values (10=1h)
1	Micro SD card Class 4, max. 4GB	prepare	2
2	Save software to SD card	Download	1
3	Control panel	solve	1
4	Control panel	Install new software	1
5	Control panel	Check whether the vehicle configuration is correct, reset if necessary.	2
6	Rear control panel	Relabelling with new software version number (old 990026 or V020100...)	1
7	Control panel	fasten	1

General

Before you start working on the repair instructions, please clarify with your responsible IT department whether you have the necessary authorisations.

As a rule, you need local administrator rights on the PC/notebook used.

We therefore recommend that the download to SD card is carried out directly by your local IT administrator.

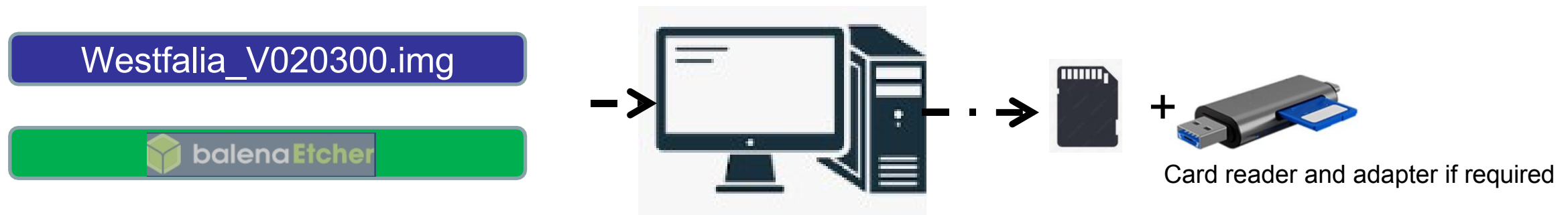
The software must be flashed onto a micro SD card. Any commercially available micro SD card is suitable for this.

Use a High Speed Memory Card microSDHC 4 GB Class 4

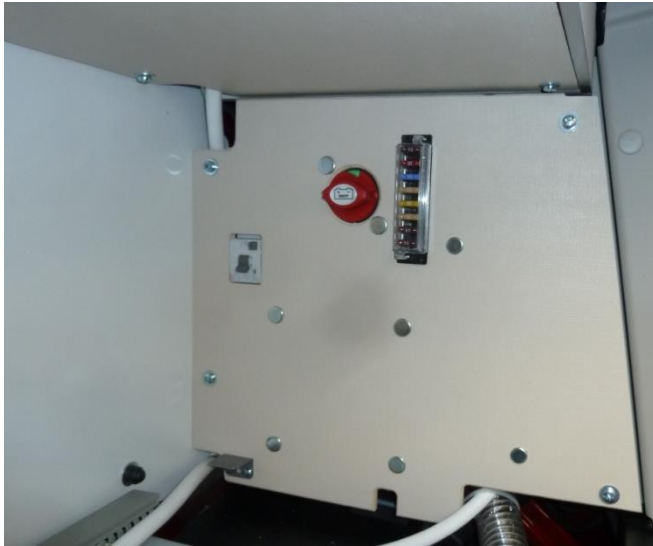
In a few rare cases, used memory cards may not pass the procedure successfully. We then recommend repeating the procedure with a new or comparable card.

Play software on SD card

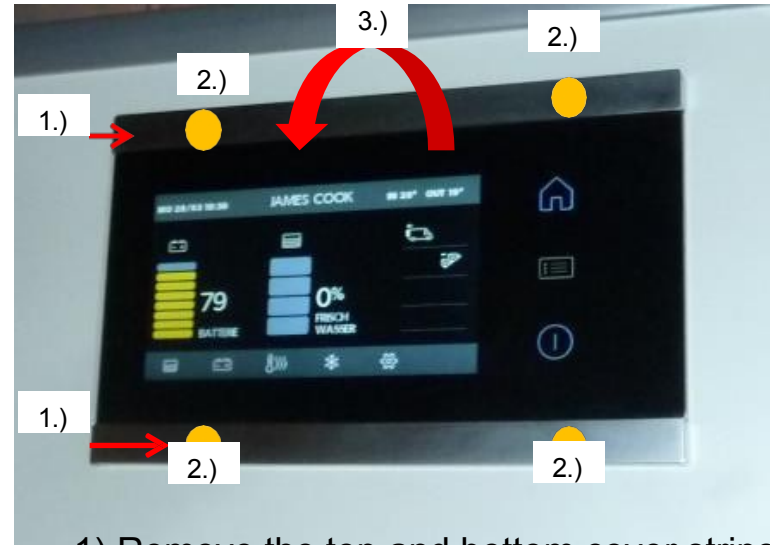
- 1.) Download the software update from Westfalia link, extract the .zip and save the .img on the computer
https://b2b.westfalia-mobil.de/media/archive/0f/d1/23/Westfalia_V020300.zip
- 2.) Download the open source solution  from the website <https://www.balena.io/etcher/>.
- 3.) Insert the formatted micro SD card (Fat32 format) into the computer or into an external card reader.
- 4.) Start "balenaEtcher".
- 5.) Click on "Flash from file" and select the corresponding .img file of the current software version in the corresponding storage location on the computer.
- 6.) Click on "Select target" and select the inserted micro SD card
- 7.) Click on "Flash".
- 8.) Prompt: Run as administrator.
- 9.) The micro SD card is flashed with the selected software version and is then ejected automatically.



1. Detach control panel



Switch the main switch OFF!



1) Remove the top and bottom cover strips (only plugged on)

2.) Loosen screws 4x

3.) Tilt out the control panel Proceed carefully.

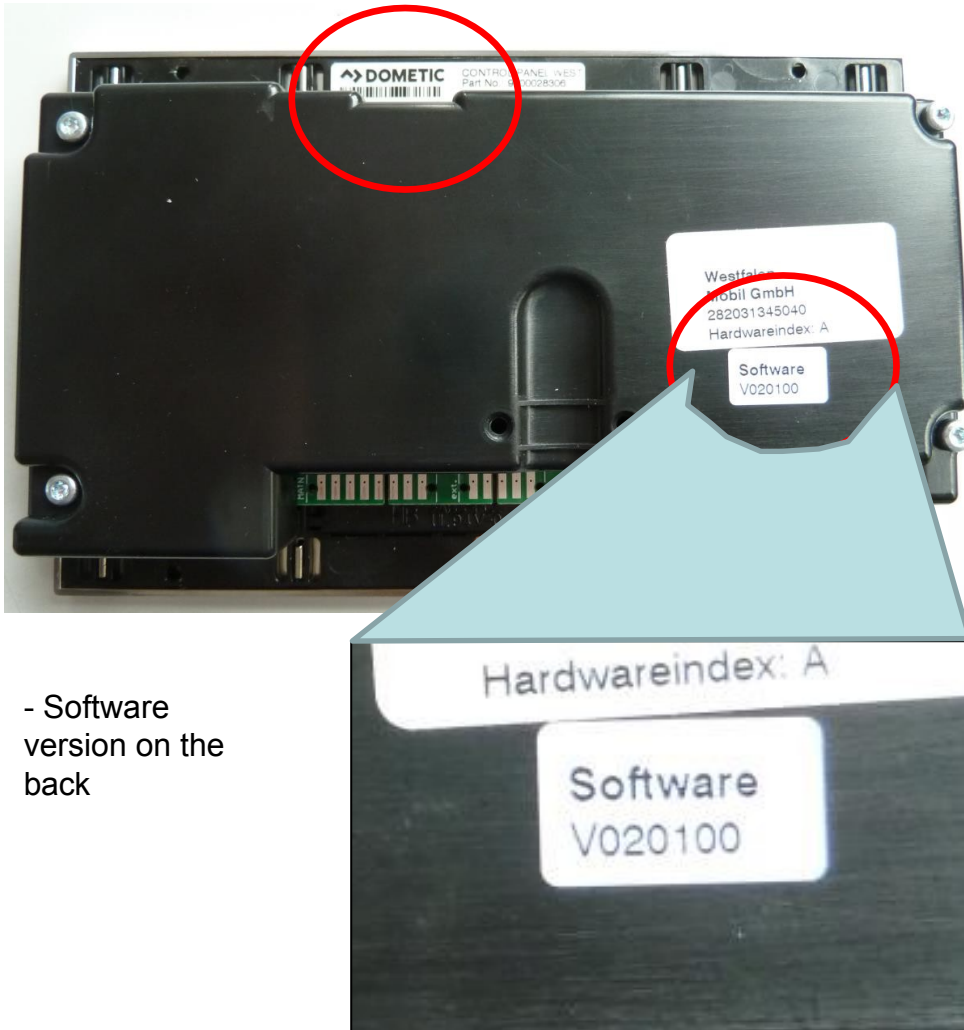
Turn the display out just a little so that you can insert the micro SD card can.



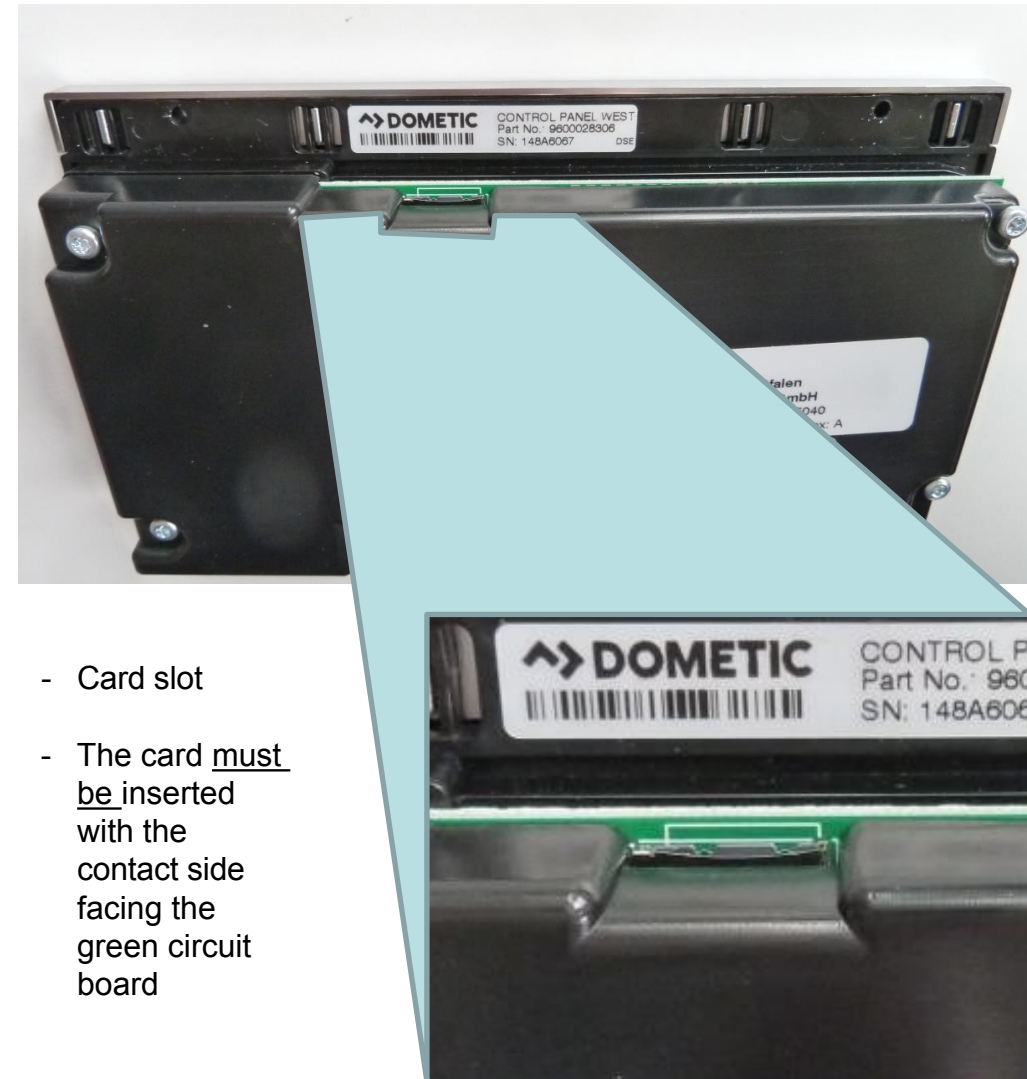
ATTENTION!

The connection cable is kept short, do not pull it out! Risk of damage!

2. Software version and card slot for micro SD card

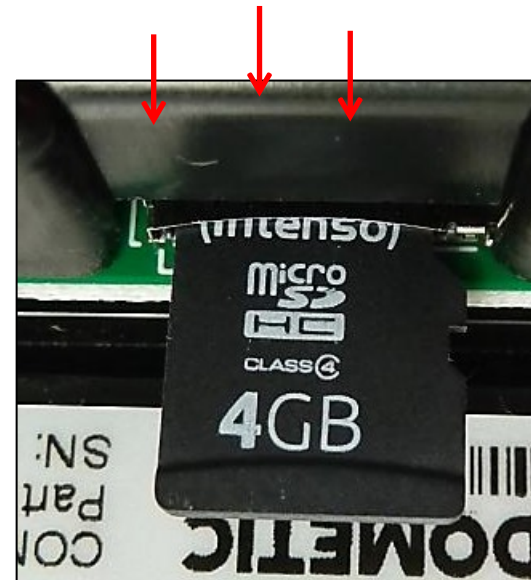
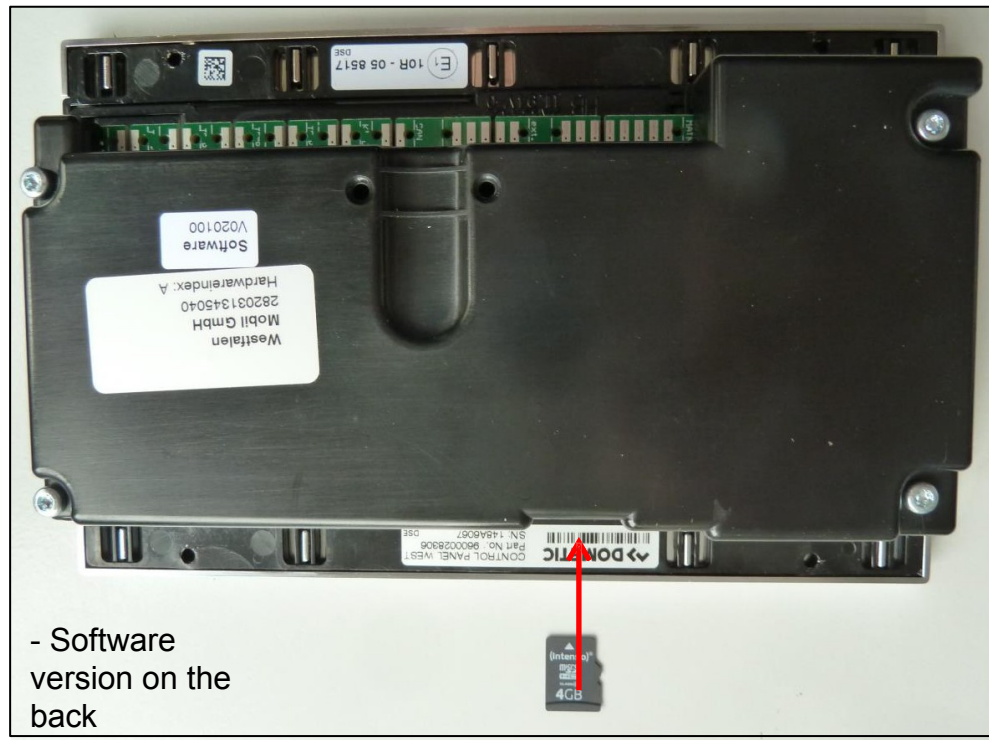


- Software version on the back



- Card slot
- The card must be inserted with the contact side facing the green circuit board

2. Software version and card slot for micro SD card

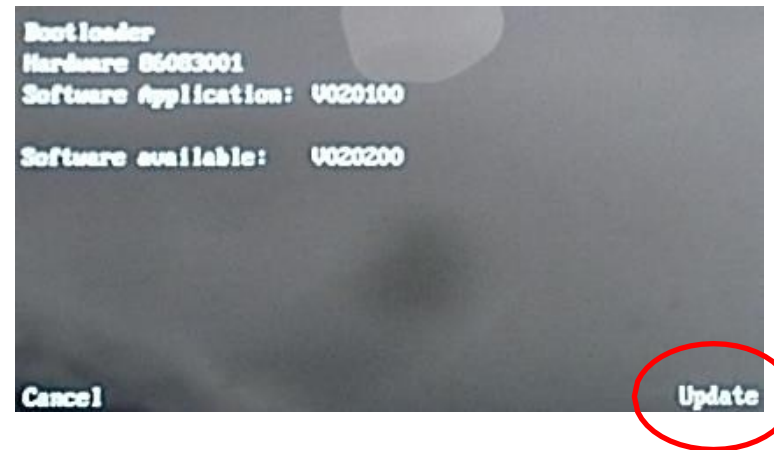


- Card slot
- The card must be inserted with the Contact side pointing towards the green circuit board
- The card must click into place

Micro SD card in the DCP
(silver card slot on the back)

3. Reconfigure vehicle

1. Switch on the main switch
2. A black update screen is displayed on the control panel, with the text "Update" at the bottom right → Select this



3. Wait until the control panel restarts
4. Then remove the SD card from the SD card slot and refit the control panel.

3. reconfigure the vehicle

5. Configure the vehicle control panel by going to the service menu

1. You can access the service menu as follows: Swipe a "T" as shown below.
 1. From the beginning of the bar to the end.
 2. From the centre of the upper bar to the bottom in front of the lower bar (do not swipe into the lower bar)
 3. Check the software version (the new version is V020300)



2. Select the Ford Nugget under Vehicle type and select any additional parts (light package, PV system). The control panel restarts automatically