

YOU DRIVE, WE CARE.



DKV BOX EUROPE

Instruction








Update SW Version 6.8.1

Ratingen, March 2024

SW Update process & Screen Display during Update

Update Process:

- » The Software package will take approximately **60 to 90 minutes** to download onto the device in the background with a good GPS signal. During the download time, the OBU is active and generates regular transactions.
- » The software will update automatically and takes approximately 5-10 minutes as soon as the OBU goes into Sleep Mode (after 30 minutes of inactivity).

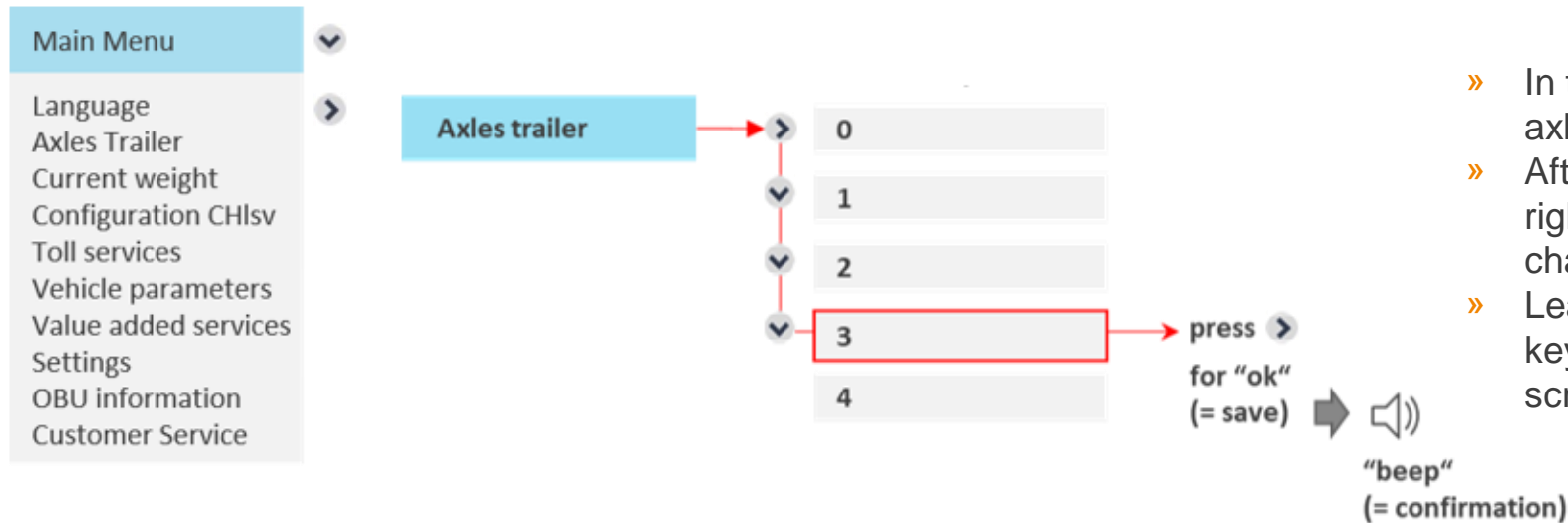
Messages on the OBU display	Description
	The screen "Stopping..." is shown when the OBU stops operating and initiated a reboot. The OBU LED will change to blinking RED and a beep will follow. The OBU will be shut down.
	The OBU reboots showing the "Updating" icon. That clearly indicates that an update installation is ongoing. Depending on the version of the OBU, the text "Updating..." could be displayed instead.
	During base software startup the "Welcome" screen will be shown.
	After base software startup the application is started and the display switches to "Configuring services". The LED performs a selftest (all LED colors are shown subsequently) and afterwards the LED is red.
	At the end of the startup while checking the personalization data the OBU shows "Not ready" combined with a red LED.
	The UNKNOWN screen is shown during a short period.
	After the startup a beep will follow. There are several possibilities of OBU screen messages. Depending on the location of the vehicle and the booked services the OBU may show the home screen of the toll domain or another message. In this example, the start screen of Belgium is shown as the OBU is currently in the toll domain of Belgium.



Drivers Input

How to change the number of Axles

The driver must always check and update the number of trailer axles on the OBU when entering a new toll domain, especially in coupling or uncoupling the trailer. Via the OBU menu, the driver can change the axles as follows:



- » In this example, the number of axles is changed to 3.
- » After updating the value, press the right key for „ok“ to save your changes.
- » Leave the menu by pressing the left key twice to go back to the display screen

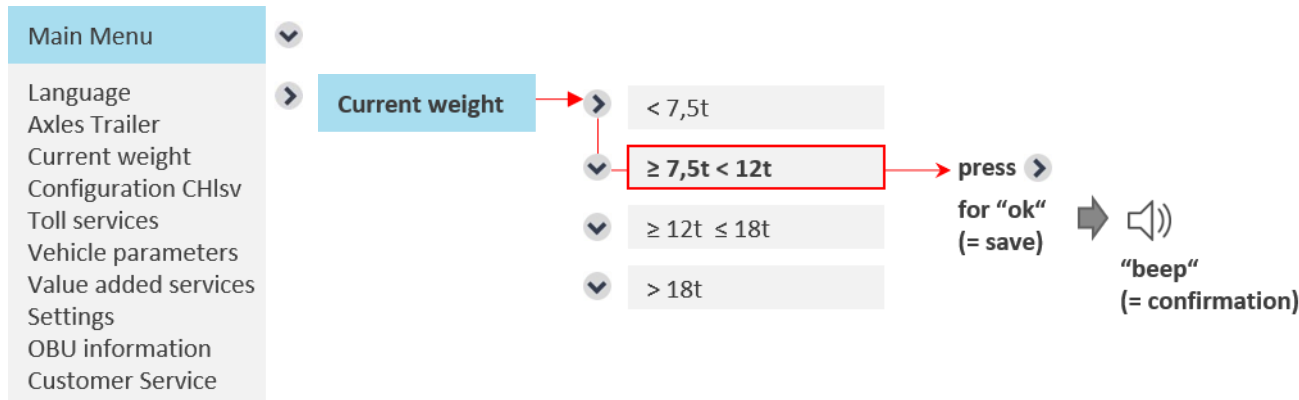
Please note that once the trailer axle is set, it is automatically transferred to all booked toll service or domain. This also applies for all new booked service or toll domains.

Drivers Input

How to change the weight

The new current gross train weight must be updated by the driver when attaching a trailer to the truck(Tractor). The current gross train weight (GTW) is the maximum permissible combined weight of the truck (Tractor) and the currently attached trailer.

When selecting the weight range via the OBU menu, e.g $\geq 7.5t$ and $<12t$, the lower value will be displayed on the OBU screen



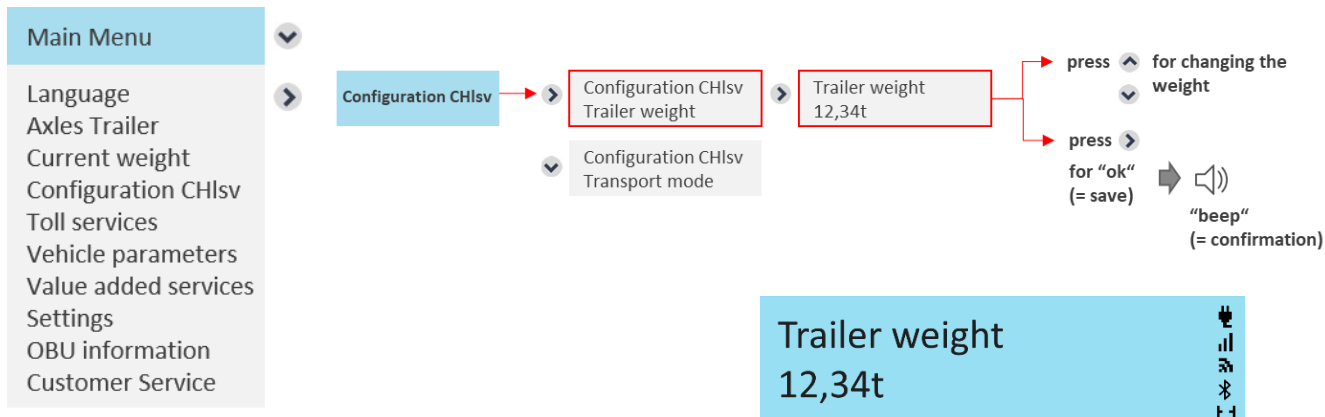
- » In this example, the weight has been changed to $\geq 7,5t < 12t$.
- » After updating the value, press the right key for „ok“ to save your changes.
- » Leave the menu by pressing the left key twice to go back to the display screen

Drivers Input

How to change the trailer weight

For CHlsv the driver always needs to check and/or update the entry of the trailer weight before entering Switzerland especially when a trailer was coupled or uncoupled. The current gross trailer weight is the maximum permissible weight of the attached trailer.

When the service Switzerland is personalized on the OBU the expected gross trailer weight is configured on the OBU. If a trailer with a different weight is used the road user should modify the trailer weight declaration, accordingly.



- » In this example, the weight has been changed to 12,34t.
- » After updating the value, press the right key for „ok“ to save your changes.
- » Leave the menu by pressing the left key twice to go back to the display screen

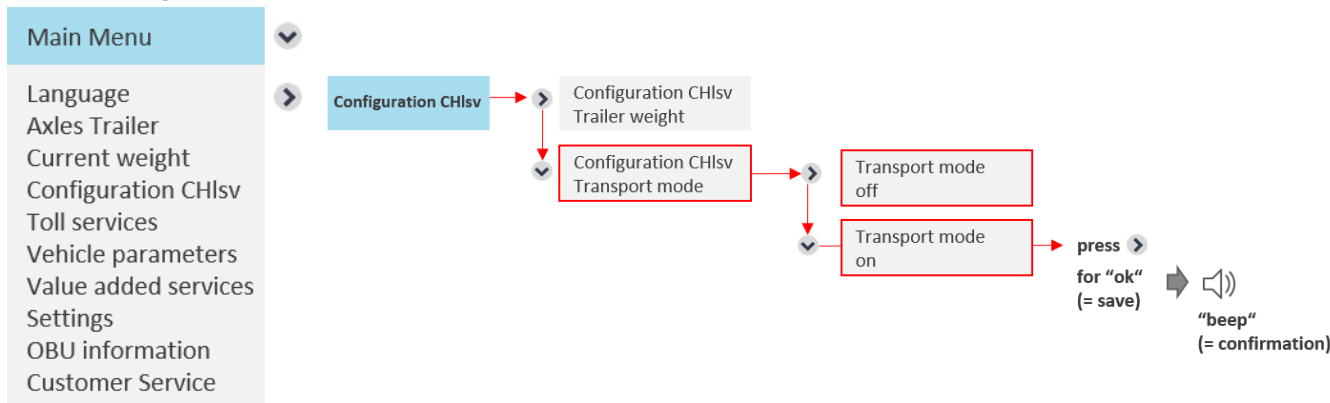
Drivers Input

How to change to transport mode

If the vehicle is non-self-driven (e.g. the vehicle is loaded on a train) the road user can activate the transport mode (only relevant for travelling inside of Switzerland). This is done via the sub menu “Transport mode” which is part of the main menu “Configuration CHlsv”.

When travelling in transport mode the OBU turns red and showing the below screen. Kilometers which are travelled in transport mode will not be counted for the charge calculation.

The transport mode can already be set outside of Switzerland. In this case the OBU will automatically turn to transport mode when passing the Swiss border. The



- » After updating the value, press the right key for „ok“ to save your changes.
- » Leave the menu by pressing the left key twice to go back to the display screen

Tolling deactivated
CHlsv

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DKV Mobility
Balcke-Dürr-Allee 3
D-40882 Ratingen

dkv-mobility.com