

Schaerer Coffee Club Operating system version BSP 47

Priority		Recommended action / required action	
	High		Fastest possible action
x	Medium	x	Next time the machine is visited
	Low		Information only

Preface

This technical information serves to provide trained service technicians with machine-specific information. For service and maintenance work on coffee machines and their accessories, appropriate skills in electrical engineering, mechanics and hydraulics are required. If you do not have these skills, please contact trained service personnel. Otherwise there is a risk of damage to the machine or injury to yourself or other persons nearby.

Description of changes

The new BSP version 47 has already been introduced in series production in order to be able to use new hardware versions of the front panels.

There are no functional changes compared to the previous BSP version 45. However, it was not always possible to update older versions to BSP version 45, as not all hardware versions were supported.

The following optimization was introduced with BSP version 45 (see also Tech. Info 2023-40):

Avoiding a frozen display when activating the buzzer

With previous BSP software versions, activating the buzzer (e.g. when rinsing the foamer) could cause the software to freeze and the machine then had to be restarted.

With the new software version this behaviour was corrected.

We therefore recommend updating machines to the new BSP version 47, especially those for which an update to BSP version 45 was not possible and which are therefore running on an older BSP version.

Information for technicians

The following update tests were successfully carried out during the release test:

From version	To version
BSP 44, 45	BSP 47

We recommend that you check the operating system software version on the front panel of machines in the field during your next customer visit and update to version BSP 47.

Important note:

After the installation has been completed and the USB stick has been removed, the operating system update will be completed the first time the device is switched on. This process takes up to 2 minutes. The display will be switched off several times during this process.

Further information for technicians

1. Duration of the update process

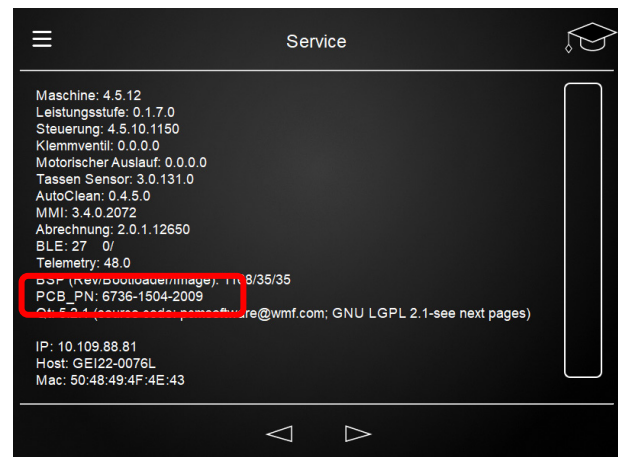
Once the installation is complete and the USB stick has been removed, the operating system update will be completed when the machine is switched on for the first time. This process takes up to 2 minutes. The display will switch off briefly several times during this process.

2. Supported hardware versions

The following hardware versions (**PCB_PN**) are supported by the new BSP software version. The hardware version can be found in the menu **Info** > **Service**.

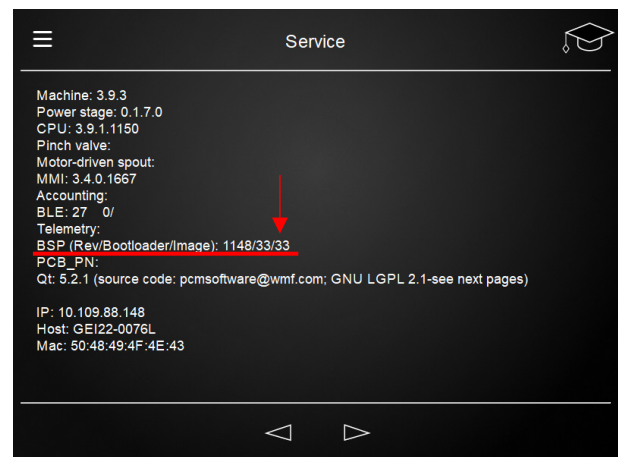
If the hardware versions differ, the BSP update routine will not start, meaning that an update is **not** possible.

- ✓ 6736-1400-2004
- ✓ 6736-1400-2005
- ✓ 6736-1400-2006
- ✓ 6736-1400-2007
- ✓ 6736-1900-0501
- ✓ 6736-1900-0502
- ✓ 6736-1900-0503
- ✓ 6736-1900-0504
- ✓ 6736-1900-0505
- ✓ 6736-1900-0506
- ✓ 6736-2400-1901
- ✓ 6736-2400-2500



3. Checking the operating system software:

The BSP version can be checked under **Info** > **Service**.



4. Update operating system software:

4.1 Copy the self-extracting file BSP47.exe to a USB stick.

4.2 Unpack the self-extracting file BSP47.exe by double-clicking on the file on the USB stick drive.

The folders **1120** and **BSP** will be created on the USB stick and the new BSP version will be stored in both folders.

Note:

Depending on the BSP version currently installed on the front panel, the version from one of the two folders will be automatically selected for the update

Before BSP 40 >> the update is performed from the "1120" folder

From BSP 40 >> the update is performed from the "BSP" folder

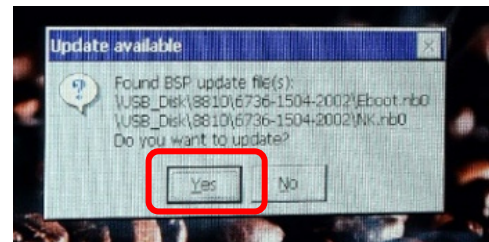
4.3 Switch off the machine.

4.4 Insert the USB stick into the machine.

4.5 Switch on the machine

4.6 Start the update by selecting "YES"

The update itself takes approx. 1 minute



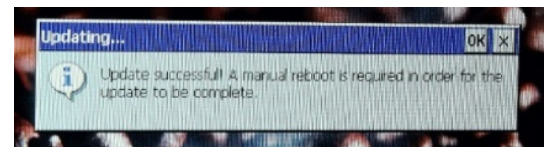
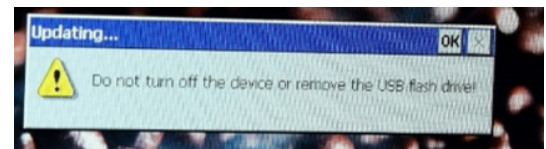
4.7 Do NOT remove the USB stick during the update process

4.8 After a successful update, the message "Update successful, a manual reboot..." appears.

Switch off the machine "hard" by pressing the ON/OFF button for longer than 5 seconds until the machine switches off.

4.9 Remove the USB stick

4.10 Switch on the machine



5. Handling the USB stick:

As long as the folders "1120" and "BSP" are on the USB stick and it is plugged into the machine, the automatic operating system update will start again each time the machine is booted.

This means that, for example, after a machine software update – since an automatic boot process is performed here – the BSP update routine would start if the USB stick is still inserted in the machine at this point.

The BSP update can be performed multiple times without any problems and takes approx. 1 minute.

However, there are two other options

1. Cancel the update as described in step 7 with "NO".
2. Save the folder with the BSP version on a separate USB stick, separate from the machine software. and only use this for BSP updates in future.