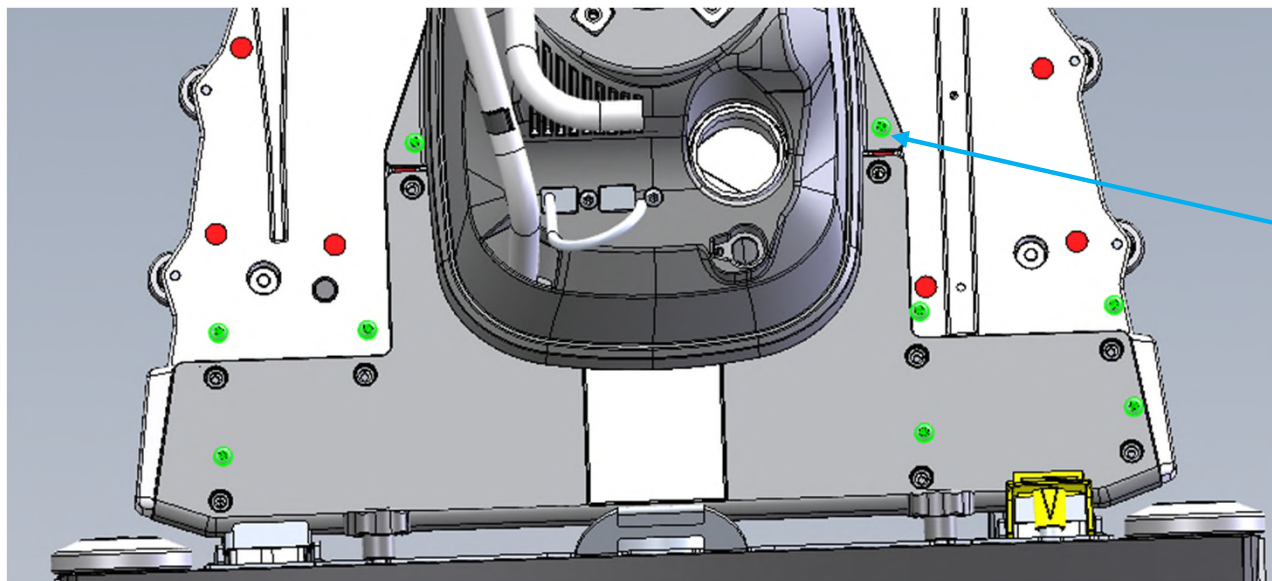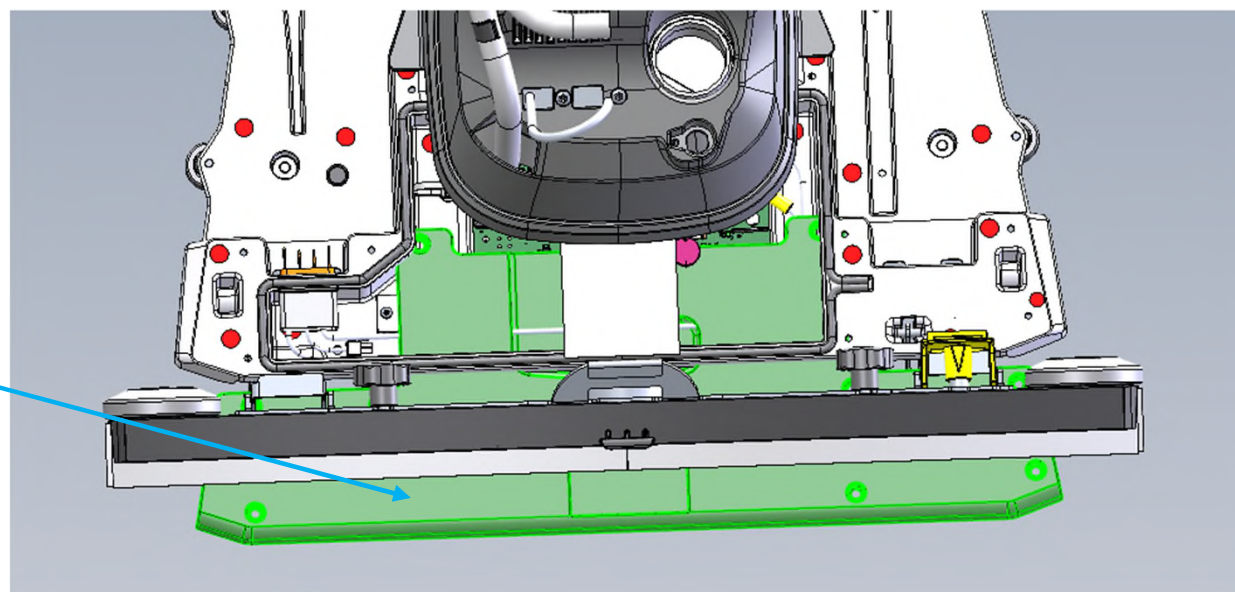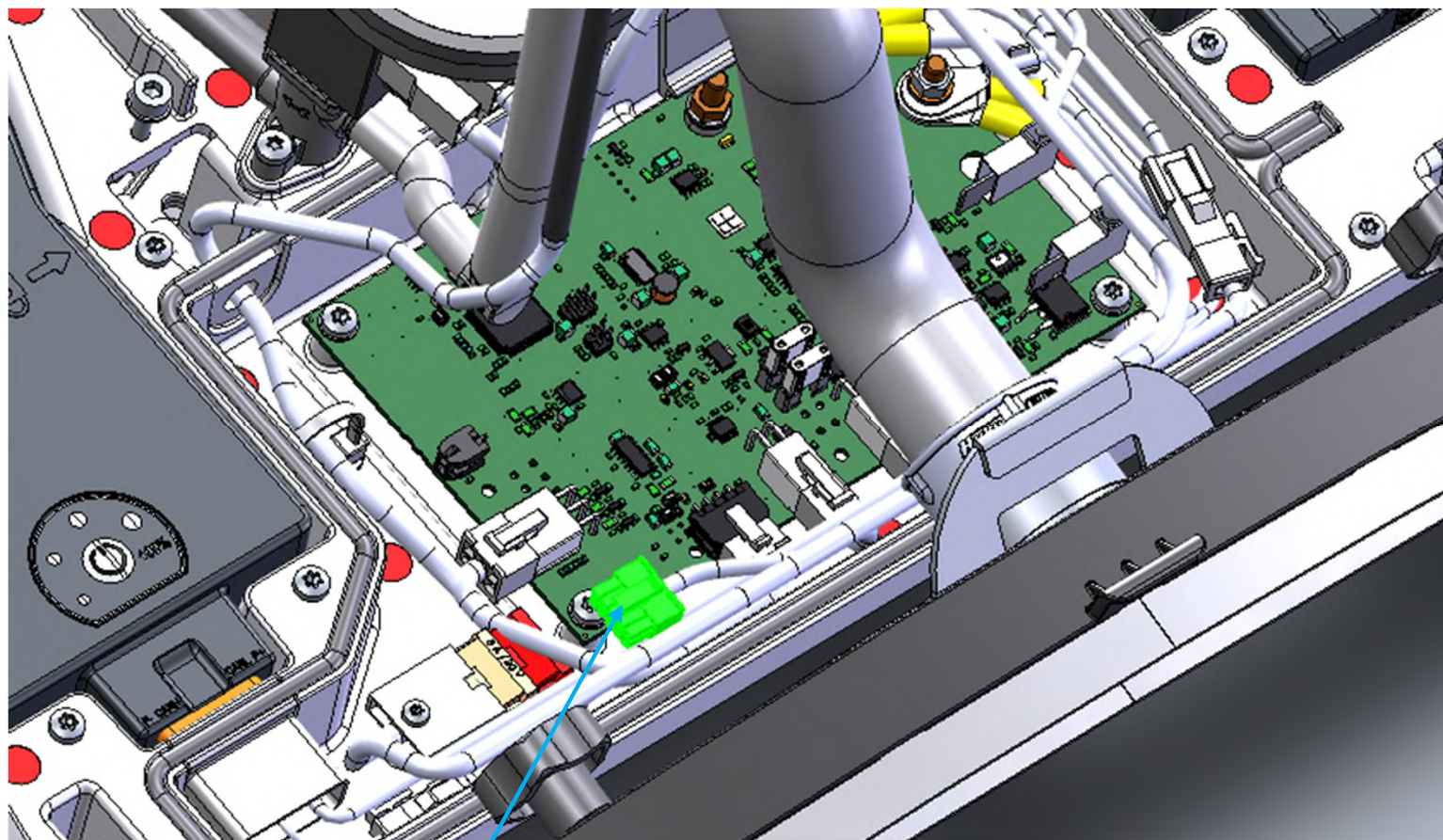# Flashing control board

Access to diagnostic plug in machine till 21.03.2025
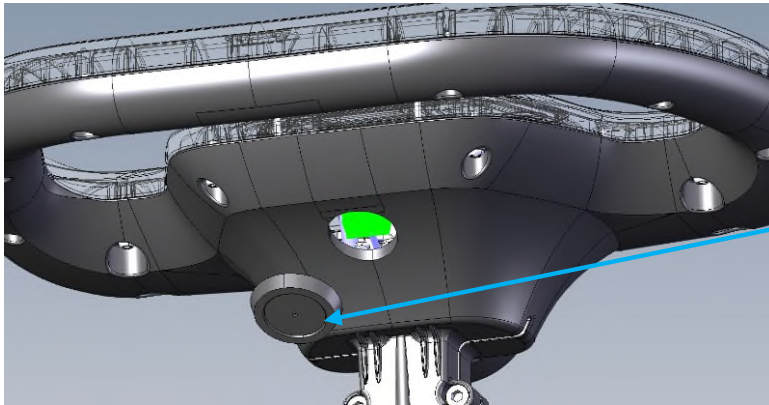

Remove 9 screws (green)
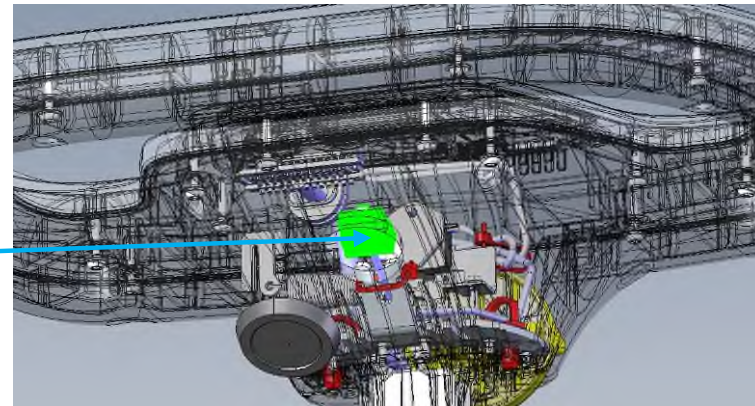
Pull out the electronics compartment cover

Connect plug A20 (fleet recorder) [is below the cable from X7]
with adapter plug Microfit (to A20) on OBD

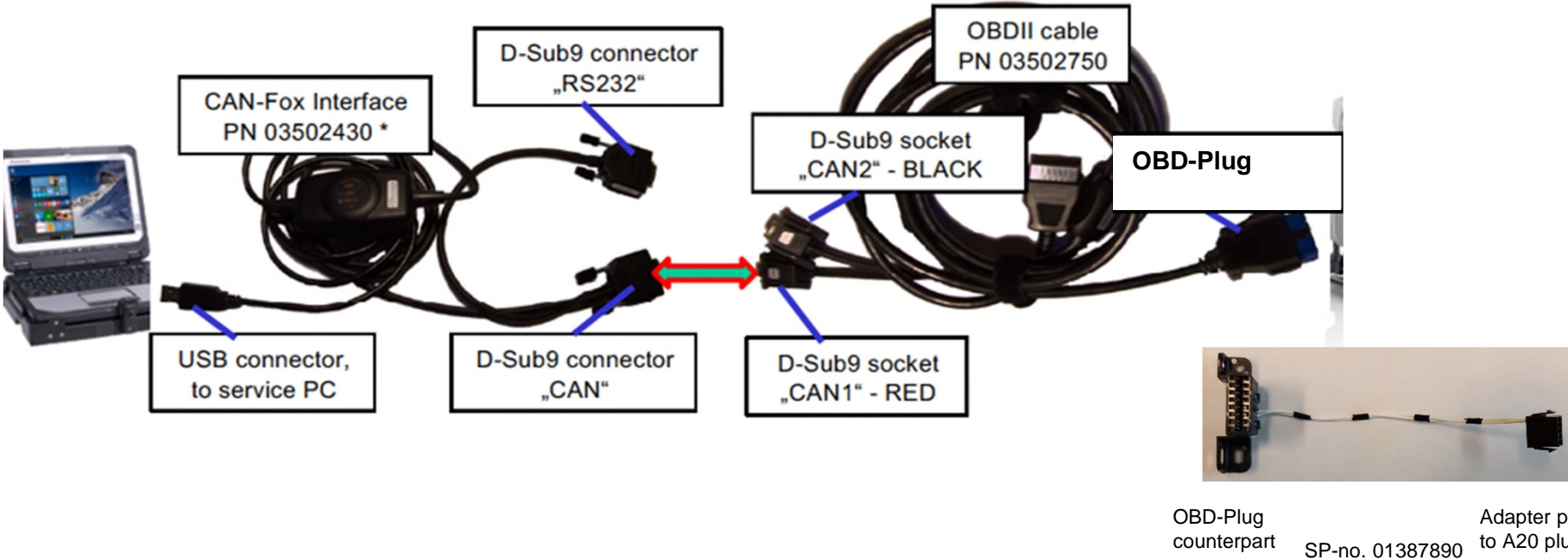**Access to diagnostic plug in machine from 21.03.2025**

Diagnose plug cap
press in the middle for secure fastening

10pin diagnose plug
X26

Diagnostic hardware

CAN-Fox Interface
PN 03502430 *

D-Sub9 connector
„RS232"

OBDII cable
PN 03502750

D-Sub9 socket
„CAN2" - BLACK

OBD-Plug

USB connector,
to service PC

D-Sub9 connector
„CAN"

D-Sub9 socket
„CAN1" - RED

OBD-Plug
counterpart   SP-no. 01387890

Adapter plug
to A20 plug

Start diagnose tool
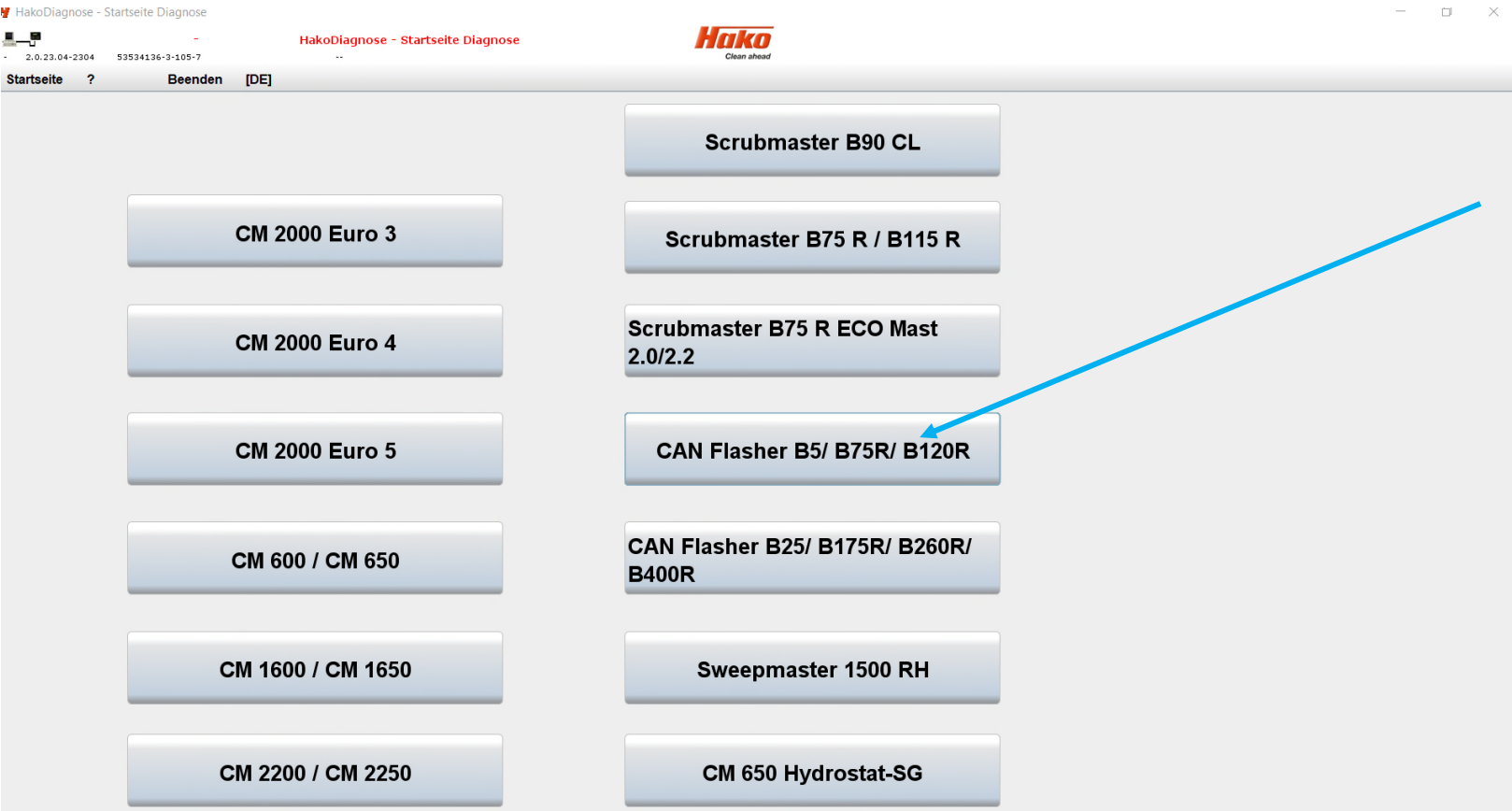
The Hako diagnosis must be connected to an interface. A connection to the machine (OBD plug) is essential.

* The software versions shown here may differ, as the document is only a snapshot

Overview mashine data

Operating hours of the individual consumers

* The software versions shown here may differ, as the document is only a snapshot

SCM B5_7150

Event messages

Zeile	Anzeige	BSZ	Datum	Text_1
19	5931	07:33:10	00.00.0000 00:41:10	5931
18	4525	06:21:29	00.00.0000 00:00:00	Bedienfeld nicht erkannt
17	5931	06:21:27	00.00.0000 00:01:03	5931
16	4525	06:20:25	00.00.0000 00:00:00	Bedienfeld nicht erkannt
15	4525	06:15:18	00.00.0000 00:00:00	Bedienfeld nicht erkannt
14	4525	06:14:56	00.00.0000 00:00:00	Bedienfeld nicht erkannt
13	5931	06:14:48	00.00.0000 00:01:15	5931
12	4525	06:14:48	00.00.0000 00:01:15	Bedienfeld nicht erkannt
11	4525	04:26:22	00.00.0000 00:00:34	Bedienfeld nicht erkannt
10	5931	04:26:12	00.00.0000 00:00:05	5931
9	4525	00:26:11	00.00.0000 00:00:27	Bedienfeld nicht erkannt
8	1261	00:25:45	00.00.0000 00:00:07	Blockierschutz Bürste 1 (links)
7	1261	00:25:20	00.00.0000 00:00:14	Blockierschutz Bürste 1 (links)
6	1261	00:09:20	00.00.0000 00:00:13	Blockierschutz Bürste 1 (links)
5	1261	00:08:18	00.00.0000 00:00:07	Blockierschutz Bürste 1 (links)
4	1261	00:03:31	00.00.0000 00:00:40	Blockierschutz Bürste 1 (links)
3	1261	00:02:19	00.00.0000 00:01:00	Blockierschutz Bürste 1 (links)
2	1261	00:01:10	00.00.0000 00:00:07	Blockierschutz Bürste 1 (links)
1	1261	00:00:31	00.00.0000 00:00:26	Blockierschutz Bürste 1 (links)
0	4612	00:00:00	00.00.0000 00:00:00	Interner Leistungsteilfehler
Ende				

* The software versions shown here may differ, as the document is only a snapshot

Flash process

Choose menue "System"

The software versions shown here may differ, as the document is only a snapshot
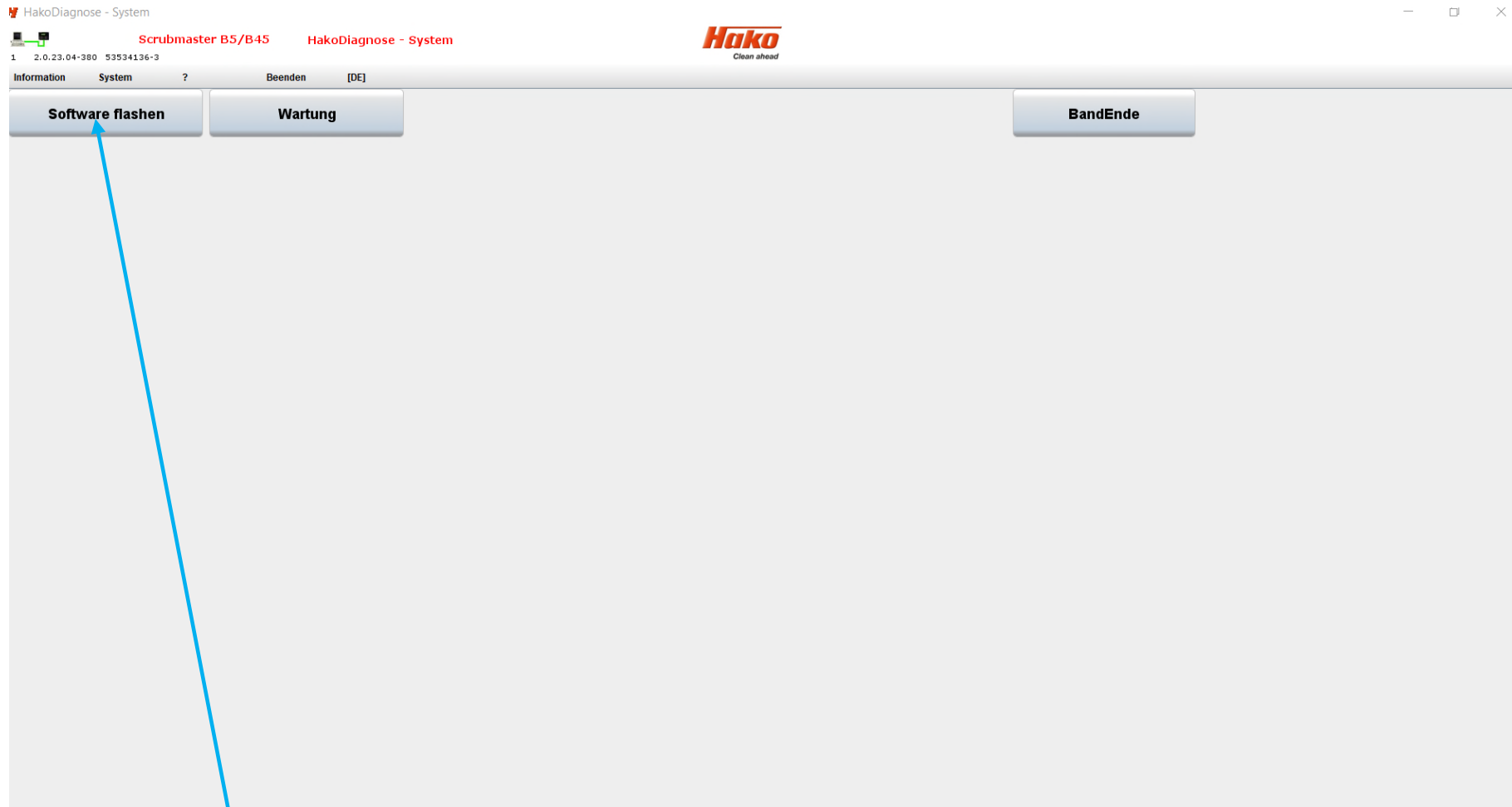
Choose program "Flash software".

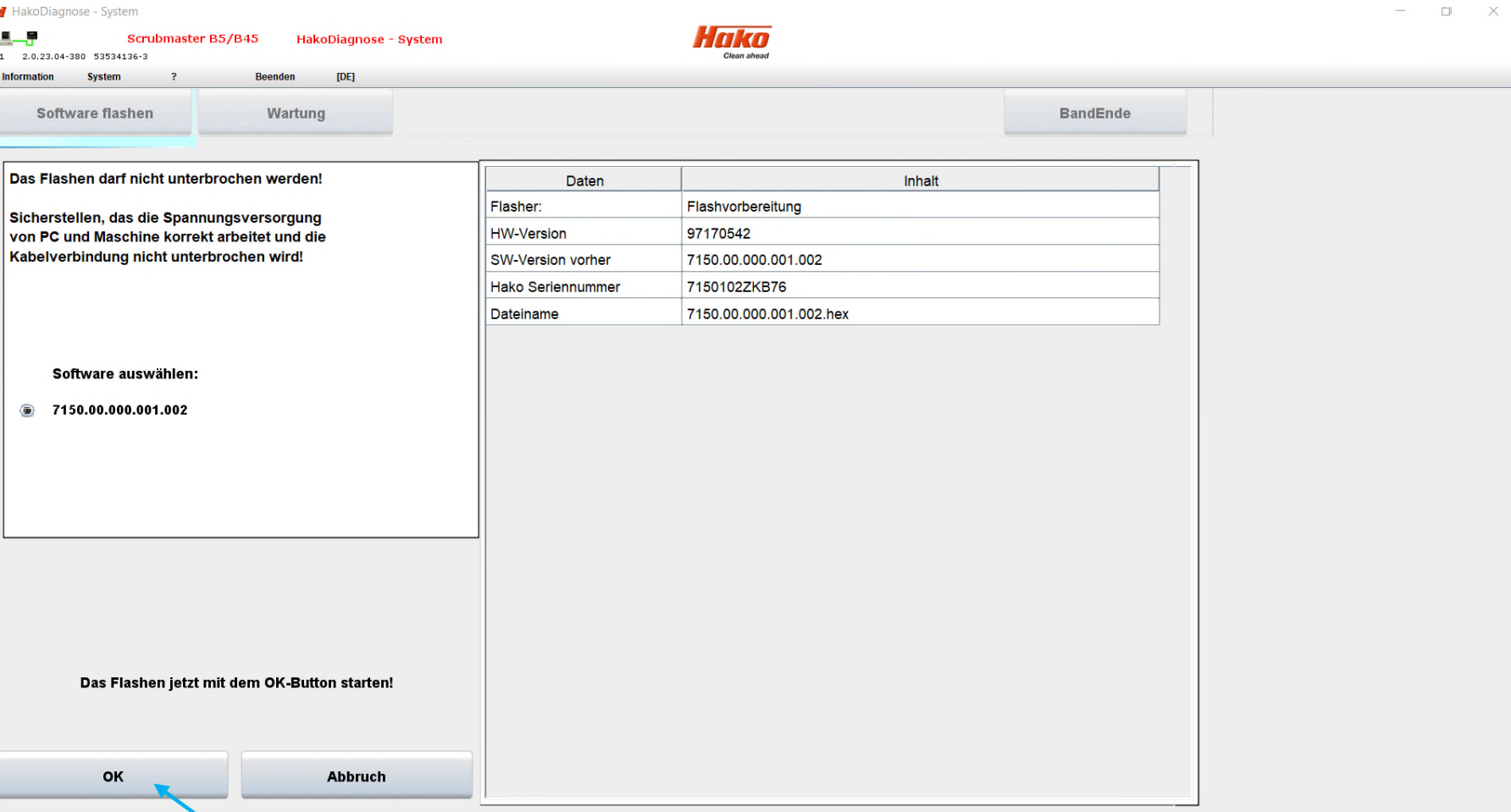** The software versions shown here may differ, as the document is only a snapshot*
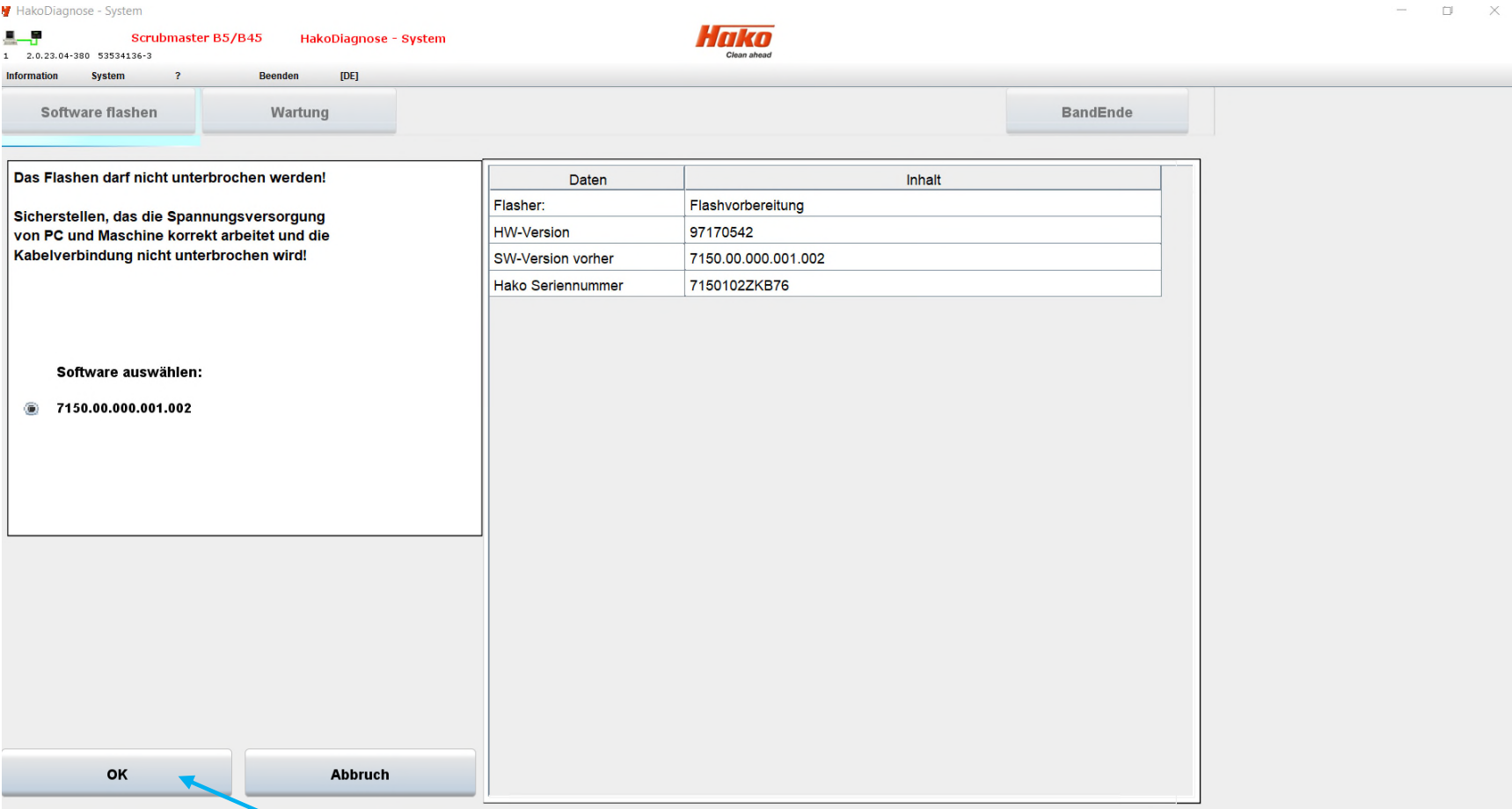
Start flash process with "OK".

The software versions shown here may differ, as the document is only a snapshot

Confirm flashing with "OK".

The software versions shown here may differ, as the document is only a snapshot

HakoDiagnose - System

Scrubmaster B5/B45   HakoDiagnose - System

-- 2.0.23.04-380 53534136-3

| Information | System | ? | Beenden | [DE] |

| **Software flashen** | **Wartung** | **BandEnde** |

Das Flashen darf nicht unterbrochen werden!

Sicherstellen, das die Spannungsversorgung von PC und Maschine korrekt arbeitet und die Kabelverbindung nicht unterbrochen wird!

Software auswählen:

⊙ **7150.00.000.001.002**

Daten	Inhalt
Flasher:	Flashvorbereitung
HW-Version	97170542
SW-Version vorher	7150.00.000.001.002
Hako Seriennummer	7150102ZKB76
Dateiname	7150.00.000.001.002.hex
Flasher:	$ACTION_STATUS_LOAD_FILE
Flasher:	$ACTION_STATUS_CONNECT_J2534
Flasher:	$ACTION_STATUS_CHECK_STATE
Flasher:	$ACTION_STATUS_READ_ECU_ID
Flasher:	$ACTION_STATUS_SEND_PASSWORD
Flasher:	$ACTION_STATUS_ERASE_FLASH
Flasher:	$ACTION_STATUS_FLASH_PROGRESS

6 %

Display during the flash process

* The software versions shown here may differ, as the document is only a snapshot
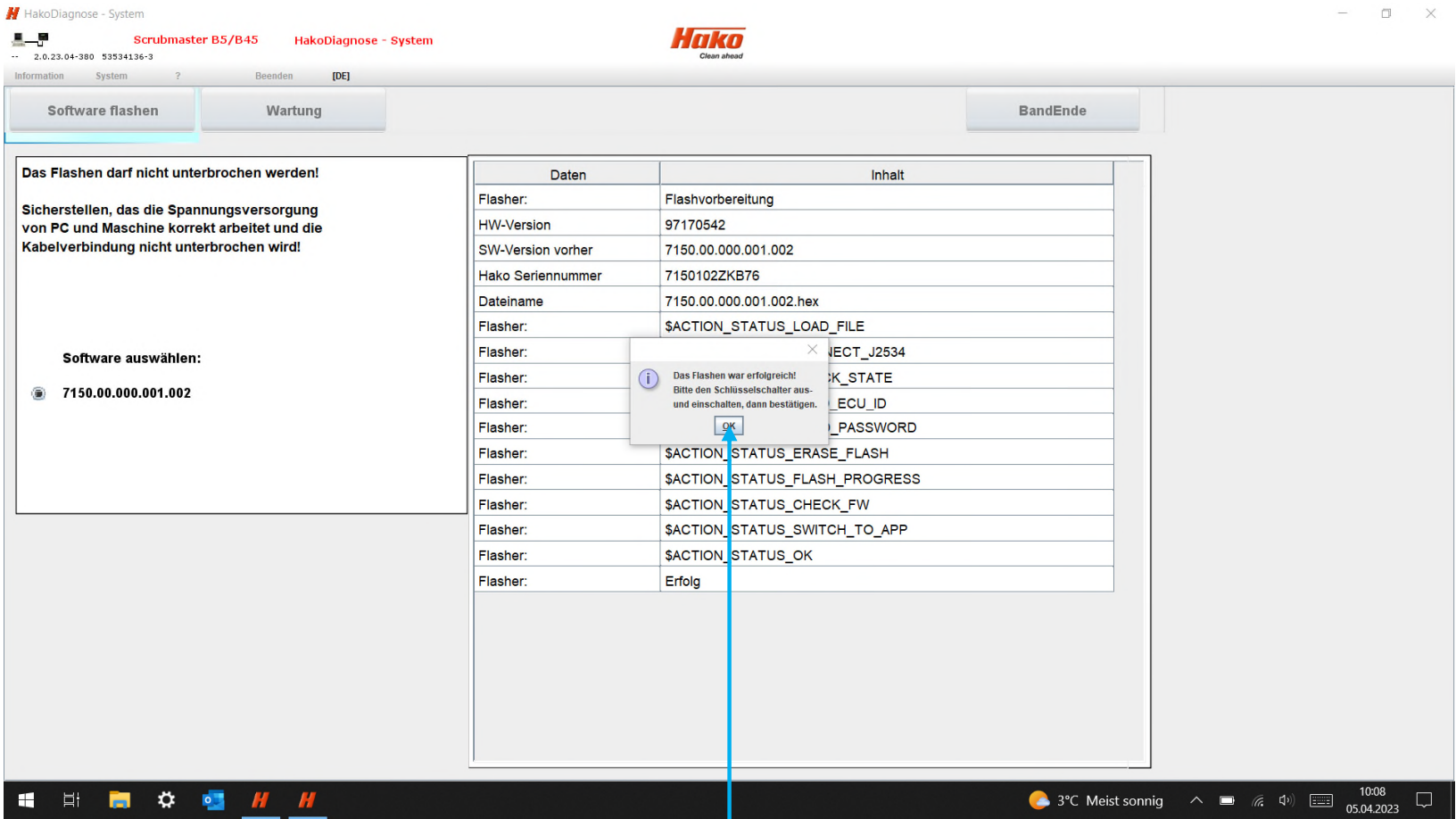
Flash process is succesfully finished. Switch off the machine, then confirm with "OK".

The software versions shown here may differ, as the document is only a snapshot