

T.I. no.: 2020 - 20 Updated: -	Topic: PC board (PCB) available as spare part
---	--

Date: 01.07.2020	Priority	Need for action
Affected machines: Schaerer Barista	High	As soon as possible
From serial number: -	X Medium	X On next visit to the machine
As of date: -	Low	FYI only


CHANGE OF PC BOARD

The spare parts list of Schaerer Barista has been extended by a PC board (control PCB). Future maintenance and material costs can thus be reduced.

NOTE

ESD protection

It is recommended that service technicians use the conventional wired ESD earthing bracelet and the antistatic mat at all times during maintenance of Schaerer products. It is also important for service technicians to store sensitive parts separately from all insulator parts during maintenance and for them to use an antistatic bag to transport sensitive components.




Prerequisite

- ▶ Observe and comply with ESD safety measures.
- ▶ The service work to be carried out must be performed by qualified personnel in a suitable service workshop. On-site service at the customer's premises is to be avoided.
- ▶ Before disassembly, make a backup copy of all settings of the PC board on a USB flash drive.

Scope of delivery

The new PC board (33.2677.4000) is supplied without additional components.

Not included in the scope of delivery:

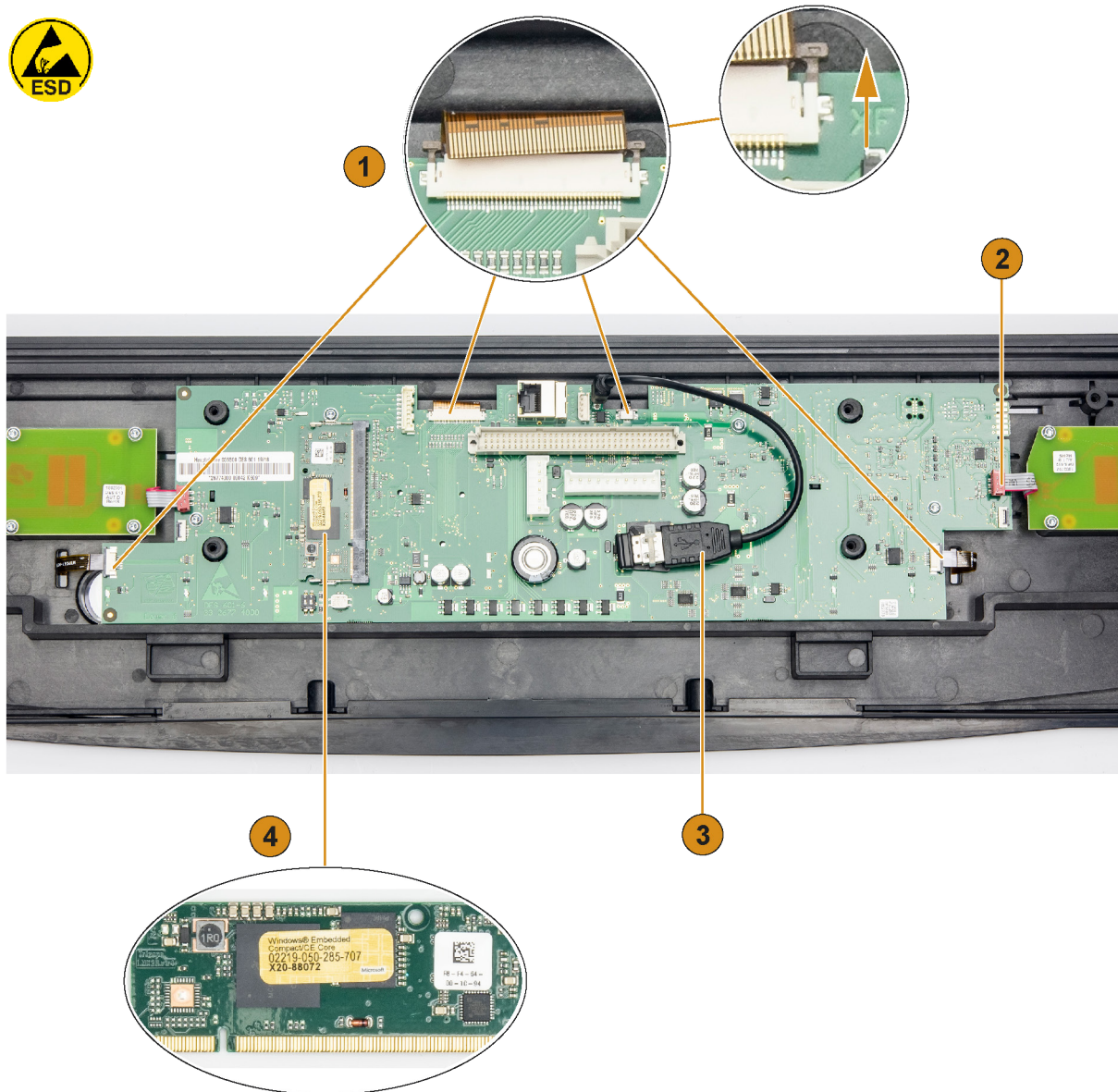
- Additional board SO-DIMM module including micro SD memory card (33.4073.4000)
- Micro SD memory card (33.4103.0000)
- Mini USB flash drive (33.4081.2000)
- Standard USB 2.0 type A cable (33.4081.1000)

Required tools and materials

- Commercially available adhesive tape (double-sided) to attach the mini USB flash drive to the new PC board.
- Torx screwdriver size 10, Torx screwdriver size 20

PROCEDURE

Removing defective PC board



Work steps

- ▶ Remove flexible plug-in connectors (1) from the PC board.
 - > A small slotted screwdriver (ESD-safe) can be used to open the clips and remove the plug-in connectors.
- ▶ Remove ribbon control cable (2) from the left and right sides of the PCB.
- ▶ Isolate additional board S0-DIMM module (4) in the control program and remove it.
 - > The push-in point for the micro SD card is located on the underside of the plug-in card.
- ▶ Remove internal USB connection (3) including bracket.

Replacing new PC board and testing for function

NOTE

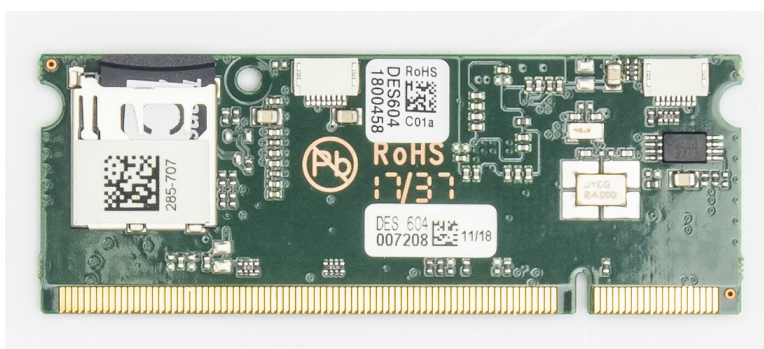
Note that all PIN codes (except the service PIN) are deleted and set to 0000.

- ▶ Replace the PC board on the front panel.
- ▶ Attach the removed components to the new the new PC board.
- ▶ Start the coffee machine.
- ▶ Make the inputs that are required on the display (e.g. enter time).
- ▶ Carry out a function test.
- ☑ The new PC board has passed the function test and can be installed into the Schaerer Barista again.

Overview of components



Standard USB cable with mini USB flash drive and bracket



Additional board S0-DIMM module including micro SD memory card