

Safety instructions

1. **Attention!** Always turn off the on-site main switch before exchanging the boiler heating element.
2. After putting the machine into operation correctly, activate several wash programs and check for leaks, particularly around the newly installed components.
3. Carry out the safety inspection according to DIN VDE 701.

Important instructions before changing the heating element

The boiler heating element installed in this machine is connected directly to the contactor, which is located under the machine cover plate next to the control PCB. The cable from the heating element to the contactor is routed behind the right-hand side panel. For the following tasks, the cover plate and side panel have to be removed and the cable of the new heating element reinserted. If the machine is already installed, we therefore recommend the procedure below, which does not require the machine to be dismantled.

Exception: The **GS 202** has to be dismantled in all cases, as the boiler is located at the rear of the machine. The cable from the heating element to the contactor is routed behind both side panels.

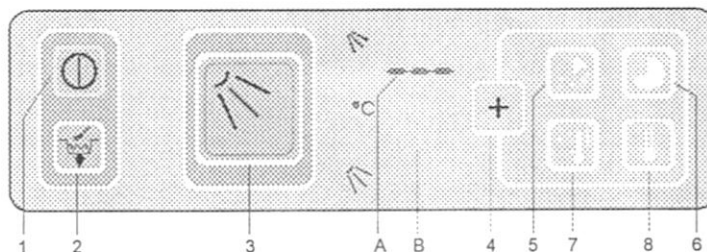
Procedure for ready installed machines (not applicable to GS 202):

1. Pull down the front panel, unscrew the detergent container and place to one side. For this purpose, remove the hoses from the dosing device and place them in the detergent container to stop any fluid escaping.
2. Remove the panel below the door to gain access to the boiler.
3. Drain the boiler via the drain hose or rinse aid metering hose.
4. Remove the old boiler heating element.
5. Cut the connecting cable of the old boiler heating element directly at the element, fit it with wire end ferrules and connect it to the enclosed appliance terminal.
6. Shorten the connecting cable of the new boiler heating element to approx. 25cm, fit it with wire end ferrules and connect it to the appliance terminal.
7. Install the new boiler heating element with a new O-ring.
8. Fix the appliance terminal to the dosing device holder.
9. Reinstall all components.

Important instructions for restarting the machine

In the case of models with pressurised boilers, parameter P40 must be set to 1 before switching on the machine. This prevents the boiler heating element from heating an empty machine and burning out.

1. Pull the machine cover plate forward and pull down the electrical assembly plate.
2. Set the service switch on the control PCB to "ON". Turn on the on-site main switch and machine.



3. Press key 6 until "P40" appears in display A.
4. Press key 8 once: a "1" should now appear in display B.
5. Press key 4 to store this setting.
6. Turn off the machine. Set the service switch on the control PCB to "OFF" and turn on the machine again. The boiler now fills up completely and the tank to a certain level. Afterwards, the water is pumped out of the tank again. Only then can the boiler heating element start heating.
7. After completing the safety inspection, re-mount all the covers on the machine.

Drawing no.: 89007868	Assembly Instructions:	Type	winterhalter
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