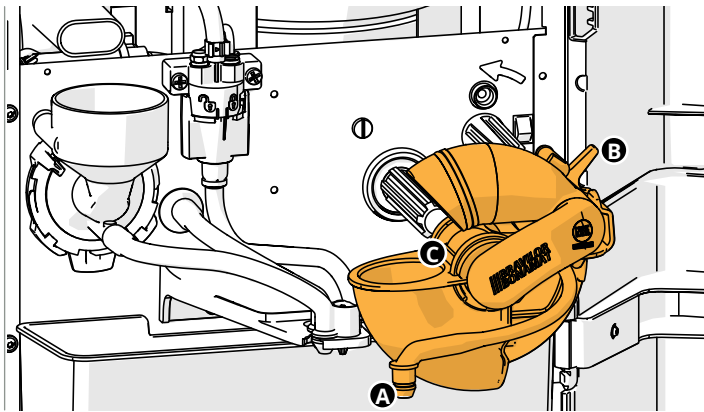


3.7 Remove the brewer motor

- A maintenance kit is available for the periodic replacement of the CIRCO brewer components, the instructions of which are shown in an animation.

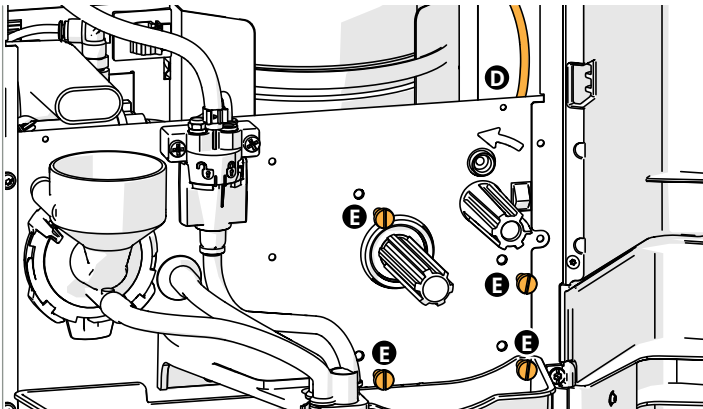
This 'Service kit instructions' animation is on the Sego website and on our You-tube channel in the Sego play list <https://www.youtube.com/user/BravilorBonamatBV/playlists>.



- First remove the grinder as in [section 3.6](#) to make room for removing the brewing motor

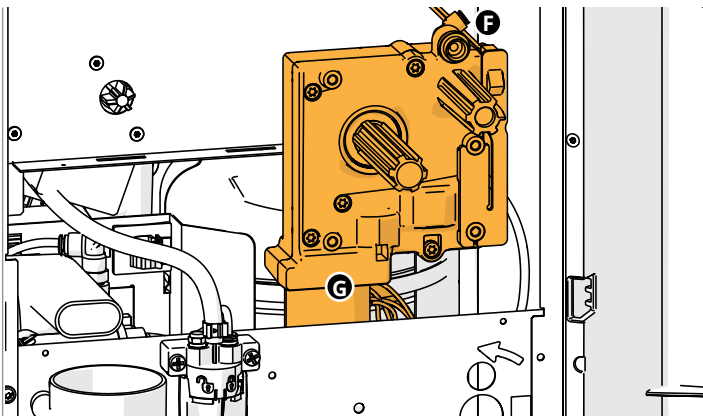
Step 1

- remove the hose outlet **A** from the bracket
- turn the lock **B** counter clockwise
- remove the CIRCO brewer **C**



Step 2

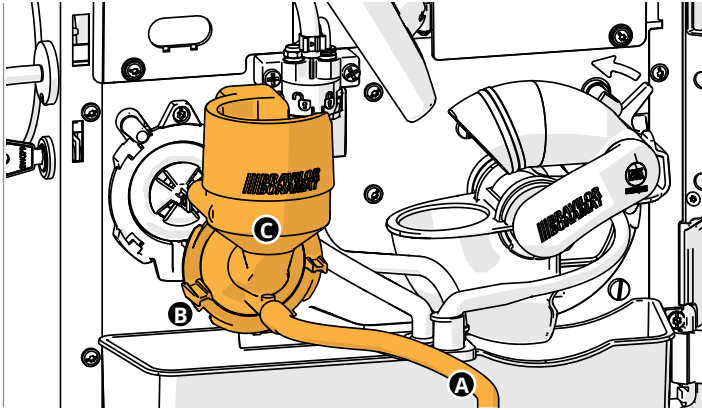
- disconnect the wiring of the brewer switch
- disconnect the hose **D** from the coupling **E**
- remove 4 screws **E** from the brewer motor



Step 3

- take the brewer motor **G** out the machine
- disconnect the motor wiring

3.8 Remove the mixer motor

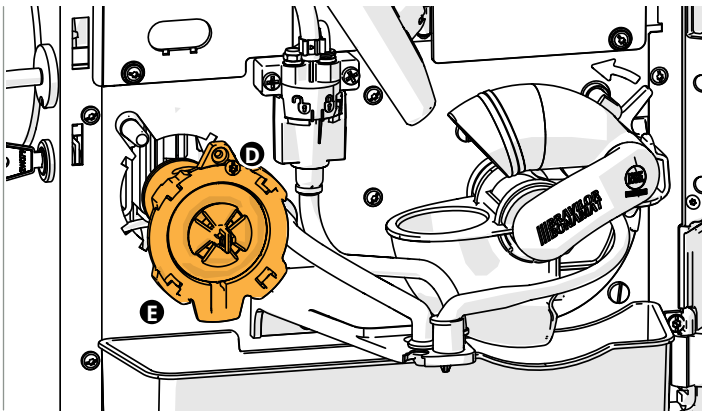


Step 1

- take out the canisters as in [Step 1](#) of [section 3.3](#)

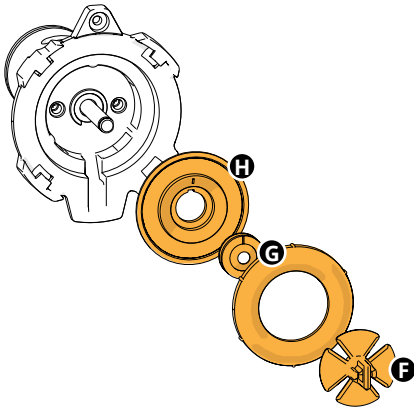
Step 2

- remove the hose outlet **A** from the bracket
- turn the fixation ring **B** counter-clockwise
- remove the mixing unit **C**



Step 3

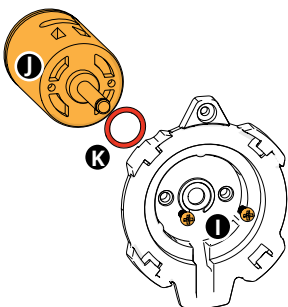
- remove the screw **D** of the mixer motor plate
- detach the mixer motor plate **E** and carefully pull it towards you



Step 4

- disconnect the wiring
- remove the mixer **F**
- remove both seals **G** and seal holder **H**

► Consider to exchange the seals.

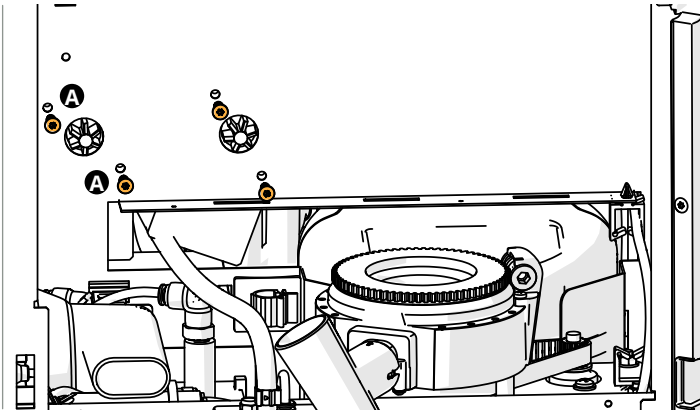


Step 5

- remove the 2 screws **I**
- remove the mixer motor **J**

► Consider to exchange the O-ring **K**

3.9 Remove the canister motor



Step 1

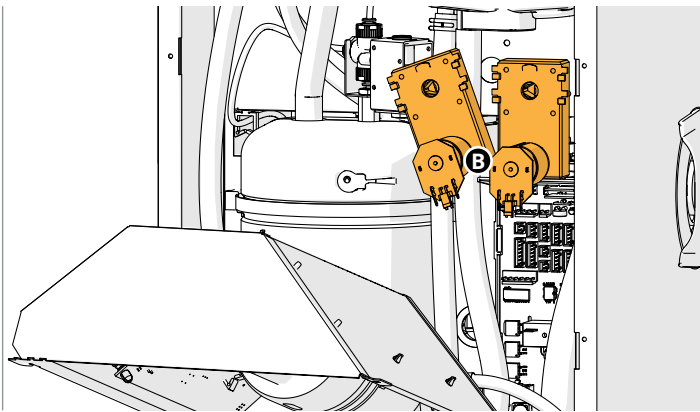
- take out the canisters as in [Step 1](#) of [section 3.3](#)

Step 2

- remove the protective plate/service hatch as in [Step 2](#) of [section 3.3](#)

Step 3

- remove the 2 screws **A** of one of the canister motors



Step 4

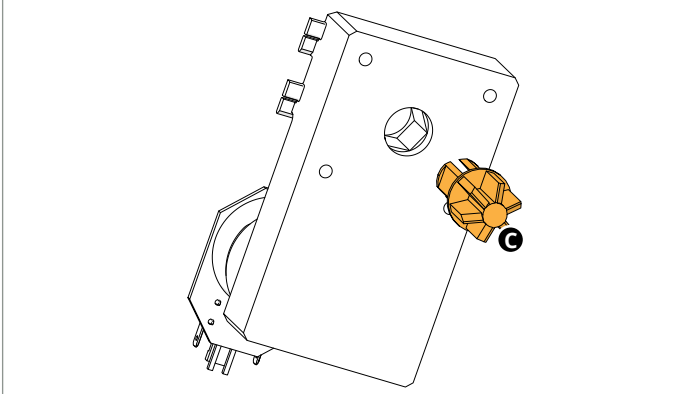
- remove the back panel as in [Step 3](#) of [section 3.6](#)

Step 5

- detach the entire mounting plate as in [Step 4](#) of [section 3.6](#)

Step 6

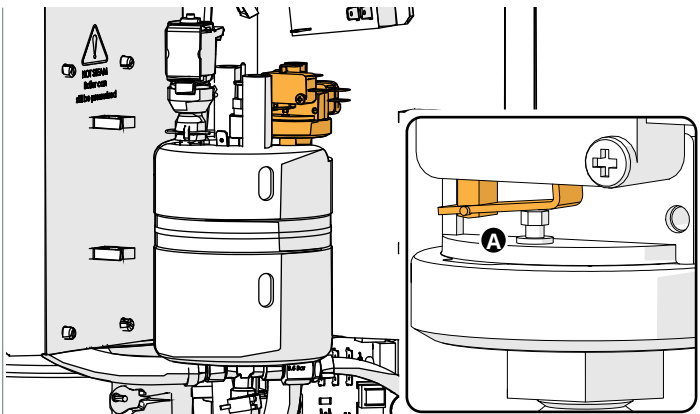
- remove the canister motor **B**
- disconnect the wiring



Step 7

- remove the drive shaft **C**

3.10 Reset the pressure safety switch



Step 1

- remove the back panel as in [Step 3](#) of [section 3.6](#)

► *The steam boiler and related parts can be hot.*

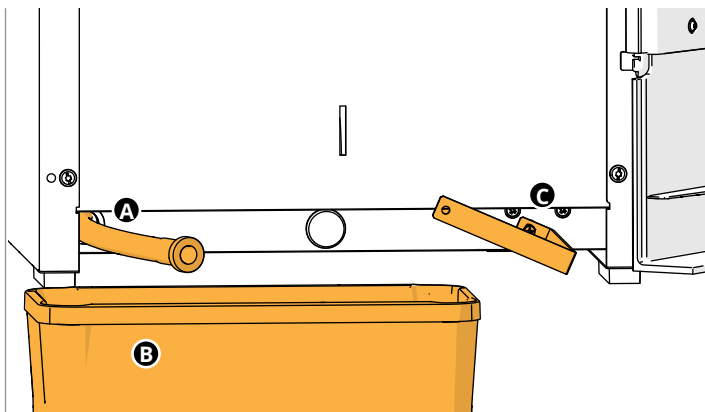
Step 2

- use a **screwdriver** to push the switch **A** down to reset
- *If the switch jumps back (pressure still too high) allow the steam boiler to cool further and try again.*

3.11 Remove the steam boiler (parts)

- When the steam boiler is drained, hot water and steam comes out of the drain hose, therefore take protective measures.

3.11.1 Remove the water detection sensor

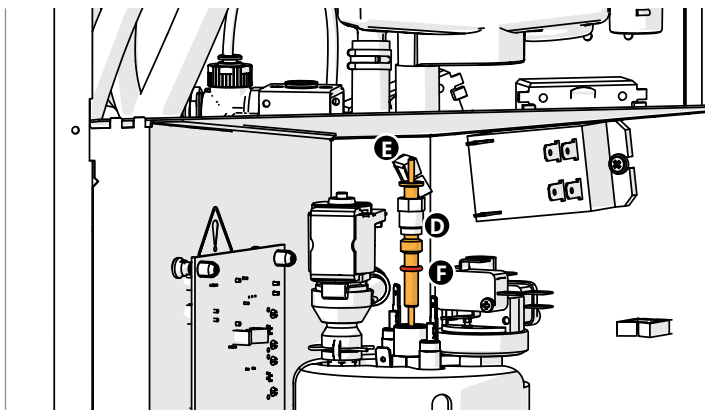


Step 1

- open the door
- remove the drip tray and waste bin
- pull out the left draining hose **A**
- place a container under the drain hose **B**

- Steam and hot water will come out of the drain hose during the following steps.

- use the special tool **C** to open the valve slightly until steam comes out.
- when no more steam comes out, open the valve completely
- wait until all the water has drained out of the steam boiler and close the valve



Step 2

- remove the back panel as in [Step 3](#) of [section 3.6](#)

- The steam boiler parts can be hot.

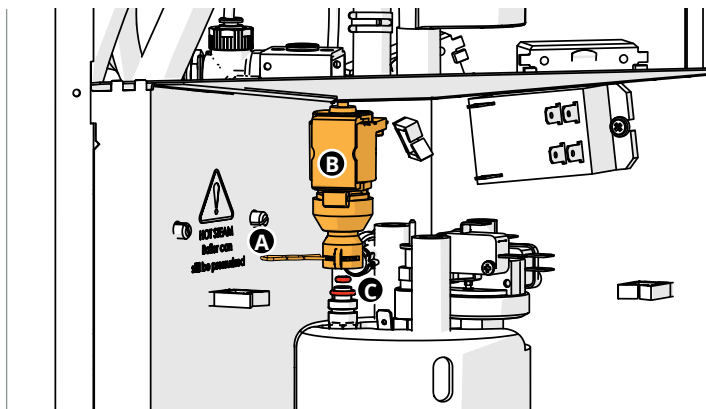
Step 3

- remove the wire from the water detection sensor
- unscrew the nut **D** and remove the water detection sensor **E**

- Consider to exchange the O-ring **F**

- When reassembling the sensor to the boiler, tighten it with low force (1 Nm) to avoid damaging the O-ring.
- After installation, always check that the water detector does not allow steam to escape.

3.11.2 Remove the steam valve



► *The steam boiler can be hot and pressurized.*

Step 1

- drain the steam boiler as in [Step 1](#) of [section 3.11.1](#)

Step 2

- remove the back panel as in [Step 3](#) of [section 3.6](#)

Step 3

- remove the locking pin **A**
- remove the steam valve **B**
- remove the steam hose
- remove the wiring

► *Consider to exchange the 2 O-rings **C***

- *When reassembling, the service hatch must be removed to allow the steam hose to be pulled forward slightly, so that the steam valve can be correctly positioned on the steam boiler.*
- *Make sure the steam hose is not kinked, as this can lead to a loss of steam pressure.*
- *After reassembling, check that the steam valve is not leaking steam*

3.11.3 Remove the steam boiler

► *The steam boiler can be hot and pressurized.*

Step 1

- drain the steam boiler is the same as in [Step 1](#) of [section 3.11.1](#)

Step 2

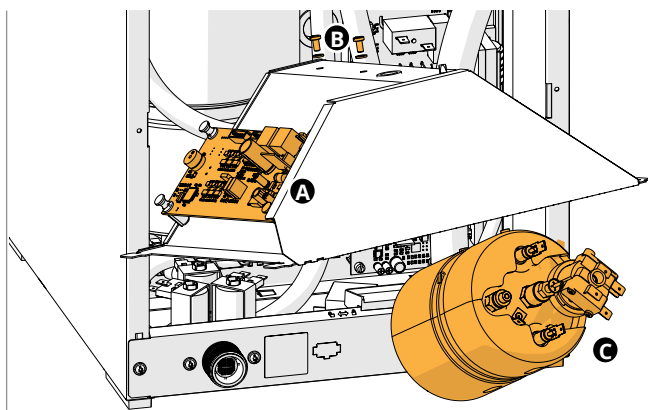
- remove the back panel as in [Step 3](#) of [section 3.6](#)

Step 3

- remove the steam valve from the boiler as in [Step 3](#) of [section 3.11.2](#)

Step 4

- detach the entire mounting plate as in [Step 4](#) of [section 3.6](#)

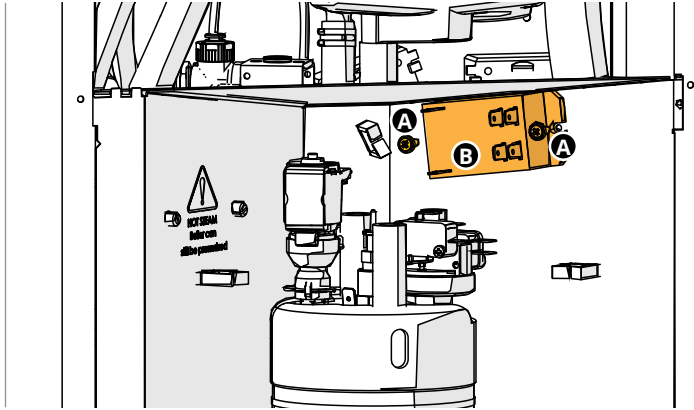


Step 5

- remove the 24V DC connector from the control board milk foamer **A**
- remove the 2 screws on the back of mounting plate **B**
- remove the steam boiler **C**

► *After reassembling everything always check if no water or steam is leaking.*

3.12 Remove the relay



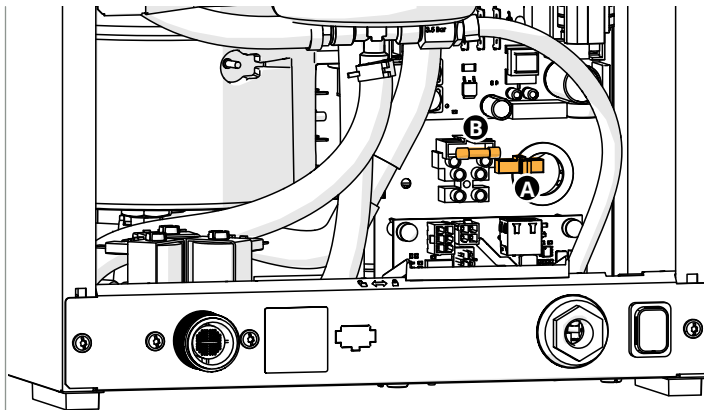
Step 1

- remove the back panel as in [Step 3](#) of [section 3.6](#)

Step 2

- disconnect the wiring
- remove the 2 screws **A** of the relay
- remove the relay **B**

3.13 Remove the fuse



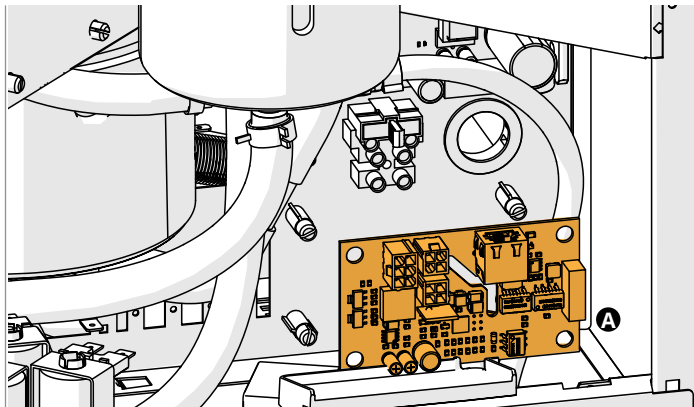
Step 1

- remove the back panel as in [Step 3](#) of [section 3.6](#)

Step 2

- remove the (black) cover **A**
- remove the fuse **B**

3.14 Remove the interface board



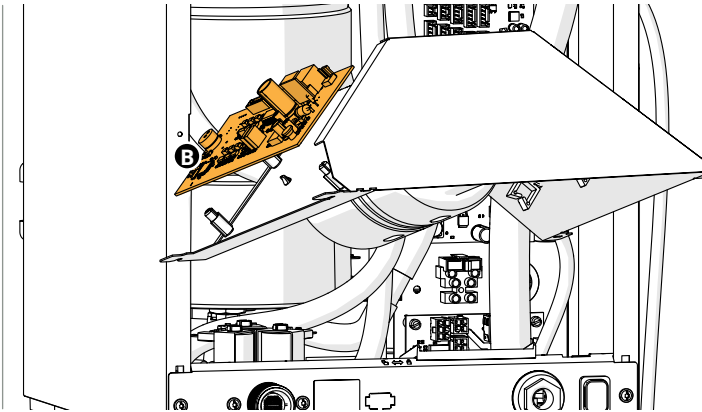
Step 1

- remove the back panel as in [Step 3](#) of [section 3.6](#)

Step 2

- detach the overflow hose from the nipple
- disconnect the wiring
- remove the interface board **A**

3.15 Remove the control board milk foamer



Step 1

- drain the steam boiler as in [Step 1](#) of [section 3.11.1](#)

Step 2

- remove the back panel as in [Step 3](#) of [section 3.6](#)

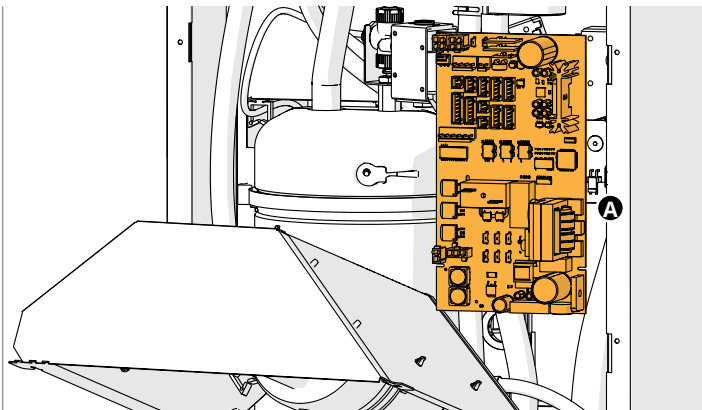
Step 3

- detach the entire mounting plate as in [Step 4](#) of [section 3.6](#)

Step 4

- disconnect the wiring
- remove the control board **B**

3.16 Remove the mainboard



Step 1

- remove the back panel as in [Step 3](#) of [section 3.6](#)

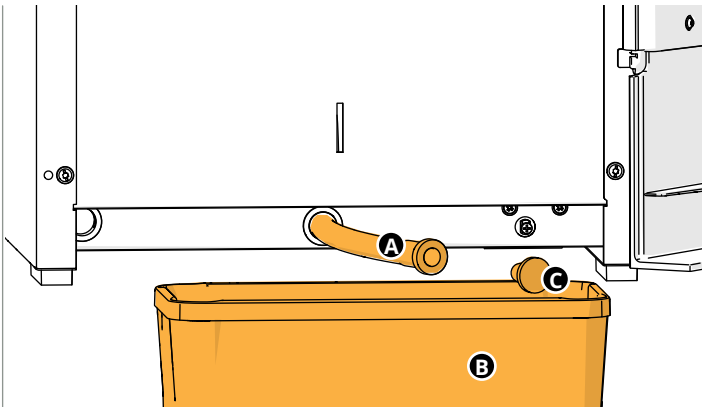
Step 2

- detach the entire mounting plate as in [Step 4](#) of [section 3.6](#)

Step 3

- disconnect the wiring
- remove the mainboard **A**

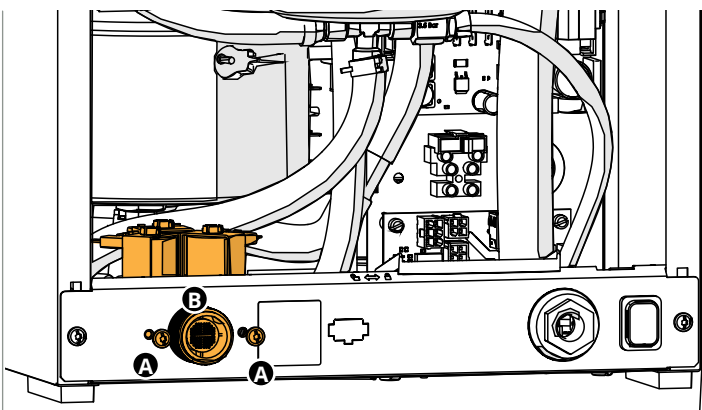
3.17 Remove the inlet valve



- When the boilers are drained, hot water and steam comes out of the drain hose, therefore take protective measures.

Step 1

- open the door
- remove the drip tray and waste bin
- pull out the right draining hose **A**
- place a container under the drain hose **B**
- remove the tightening plug **C**
- wait until all the water has drained out of the boiler
- replace the tightening plug



Step 2

- drain the steam boiler is the same as in [Step 1](#) of [section 3.11.1](#)

Step 3

- remove the back panel as in [Step 3](#) of [section 3.6](#)

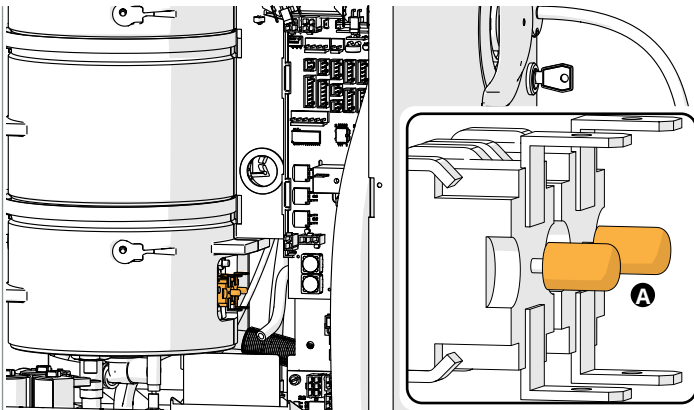
Step 4

- disconnect the wiring
- disconnect the hoses
- remove the 2 screws **A** of the valve bracket
- remove the inlet valve **B**

3.18 Hot water boiler parts

► The steam boiler and hot water boiler and their parts can be hot.

3.18.1 Reset the boiler thermostat



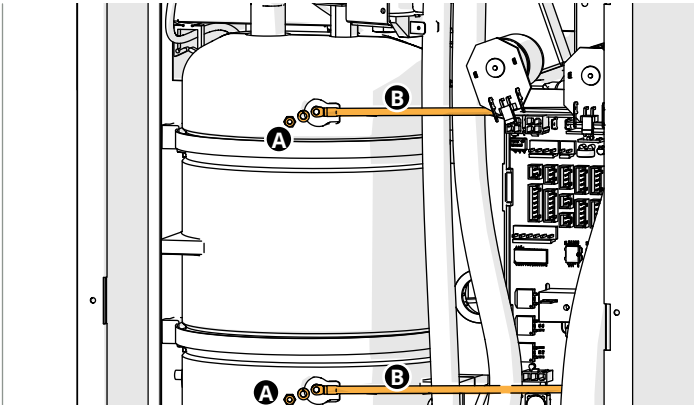
Step 1

- remove the back panel as in [Step 3](#) of [section 3.6](#)

Step 2

- push both switches **A** to reset

3.18.2 Remove the temperature sensor



Step 1

- remove the back panel as in [Step 3](#) of [section 3.6](#)

Step 2

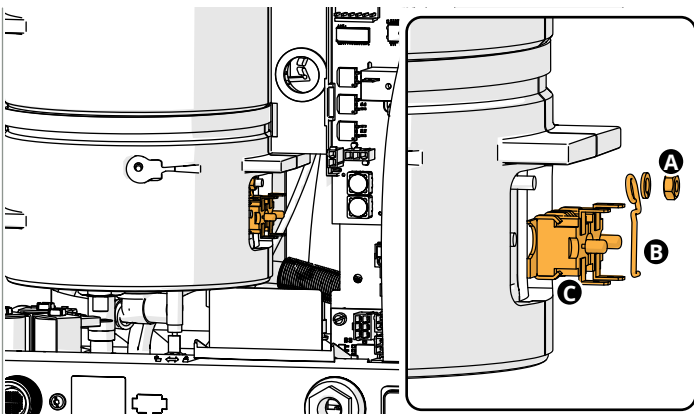
- detach the entire mounting plate as in [Step 4](#) of [section 3.6](#)

Step 3

- disconnect the wiring from the mainboard
- remove the bolt **A** of the temperature sensor
- remove the temperature sensor **B**

► Keep in mind that the top sensor on the boiler needs to be attached on the top of the mainboard.

3.18.3 Remove the thermostat



Step 1

- remove the back panel as in [Step 3](#) of [section 3.6](#)

Step 2

- detach the entire mounting plate as in [Step 4](#) of [section 3.6](#)

Step 3

- disconnect the wiring
- remove the bolt of the thermostat **A**
- remove the bracket **B**
- remove the thermostat **C**

3.18.4 Remove the hot water valve

Step 1

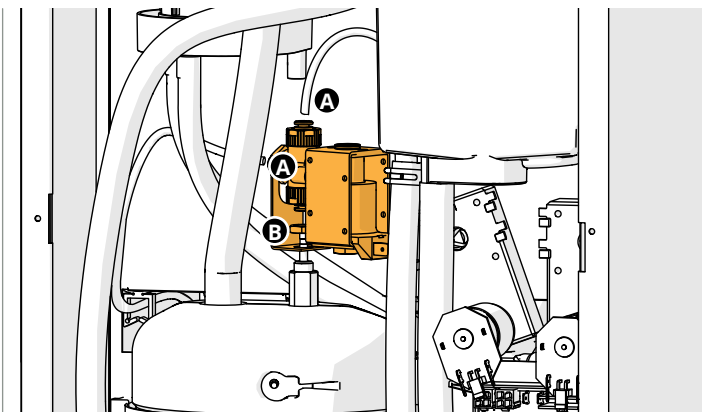
- drain the hot water boiler as in [Step 1](#) of [section 3.17](#)
 - *When the boilers are drained, hot water and steam comes out of the drain hose, therefore take protective measures.*

Step 2

- remove the back panel as in [Step 3](#) of [section 3.6](#)

Step 3

- detach the entire mounting plate as in [Step 4](#) of [section 3.6](#)



Step 4

- disconnect the wiring
- disconnect the 2 hoses **A**
- loosen the bolt **B**
- remove the hot water valve

3.19 Remove the hot water boiler

Step 1

- drain the steam boiler as in [Step 1](#) of [section 3.11.1](#)
- drain the hot water boiler as in [Step 1](#) of [section 3.17](#)

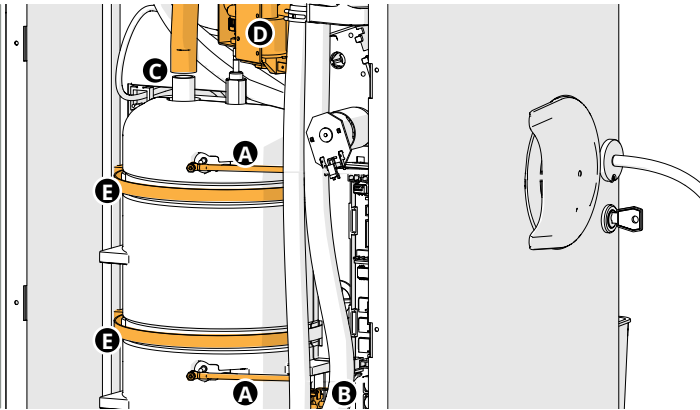
► *When the boilers are drained, hot water and steam comes out of the drain hose, therefore take protective measures.*

Step 2

- remove the back panel as in [Step 3](#) of [section 3.6](#)

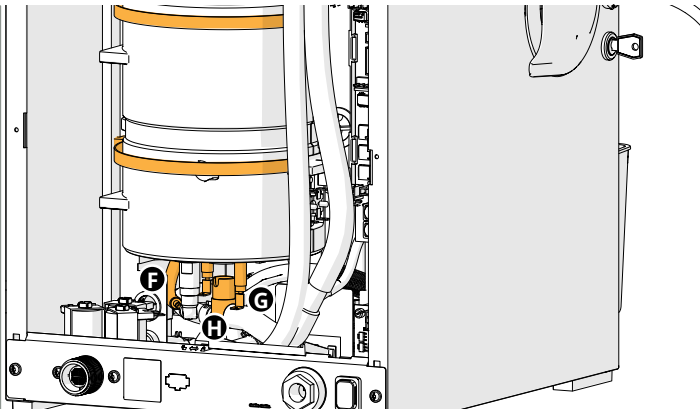
Step 3

- detach the entire mounting plate as in [Step 4](#) of [section 3.6](#)



Step 4

- remove the temperature sensors from the boiler **A**
- remove the wiring of the thermostat **B**
- remove the hose on top of the boiler **C**
- remove the valve on top of the boiler **D**
- loosen the 2 metal boiler clamps **E** and move the boiler up
- disconnect the pressure hose **F** and wiring **G** underneath the boiler



Step 5

- pull the boiler supply **H** out of the boiler
- open the 2 metal boiler clamps to remove the boiler
- remove the isolation parts