

T.I. no.: 2015 – 99 Updated: -	Topic: Retrofit kit 1 SCP 2014
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Date: 14/01/2015	Priority	Need for action
Affected machines: SCP	X High	X Action as quick as possible
From serial number: 1434... to 1452	Medium	Next machine visit
From date: CW 34/2014 to CW 52/2014	Low	Information only

OVERVIEW

There was a problem with the relief system and waste water monitoring on the first machines that were supplied with the new drip tray.

- The hole in the relief stub had to be sealed retrospectively.
- Water was able to seep through the hole onto the waste water sensor and trigger a malfunction.

The relief stub area has been completely reworked. In order to improve handling, the waste water sensor in the holder has been moved downwards by 2 mm.

NOTE

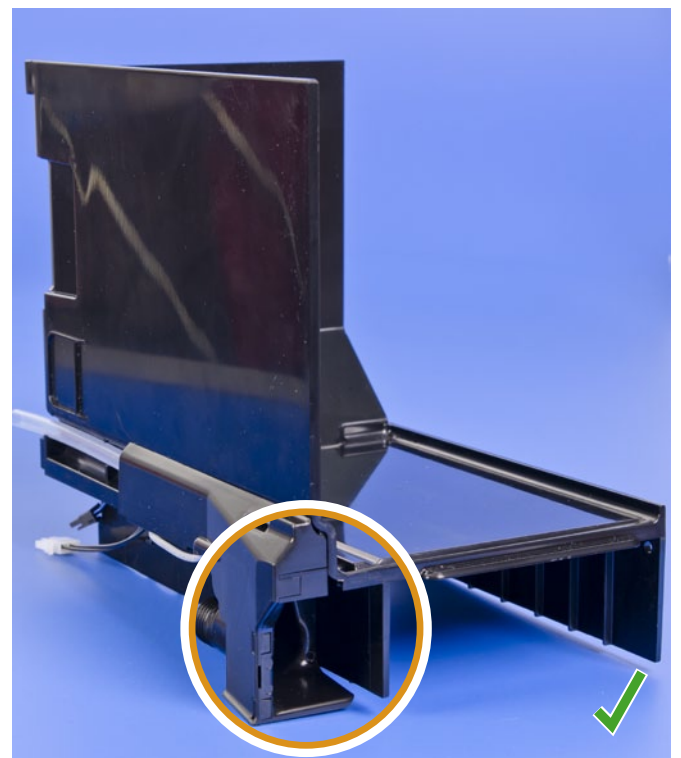
The complete drinking water tank insert must be replaced for all machines that were supplied from CW 34/2014 to CW 52/2014 in accordance with the following instructions.

The maximum mounting time for a machine should be no more than 60 minutes.

The spare parts will be shipped out automatically and free of charge to all operators of this machine in the middle of January 2015.



Complete drinking water tank insert — old design.



Complete drinking water tank insert — new design

LIST OF PARTS

The retrofit kit contains the following parts:

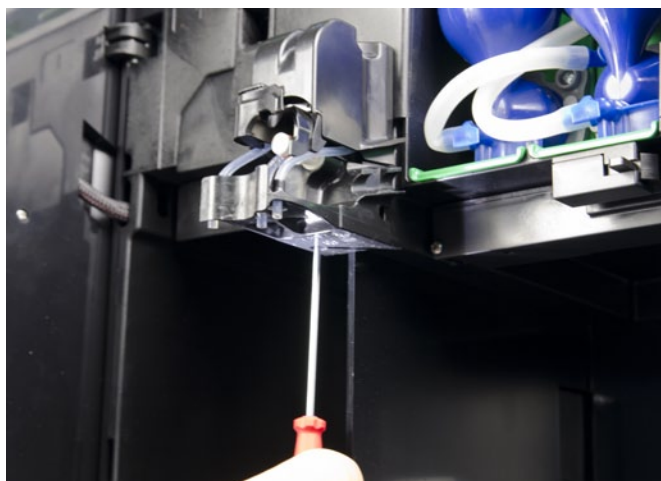
- Complete drinking water tank
- Elbow with hose
- Drip tray O-ring

INSTALLING RETROFIT KIT 1 SCP 2014



Front view

- ▶ If the machine is in operation, you must first start the cooling down routine in the "Service technician" menu under "Settings – Service routines – Cool down" in order to depressurise the machine. If the machine has not been heated up you can proceed directly to the next step.
- ▶ Disconnect the machine from the power supply.
- ▶ Open the front doors.
- ▶ Remove the grounds container.
- ▶ Remove the drip tray.
- ▶ Remove the NC foamer.
- ▶ Remove the brewing unit.
- ▶ Remove the rear casing.
- ▶ Remove the right side panel.
- ▶ Remove the mixer system hoses from the beverage outlet.



Beverage outlet safety screw.

- ▶ Loosen the safety screw on the beverage outlet using a size 3 Allen key.
- ☑ The screw cannot be removed completely.

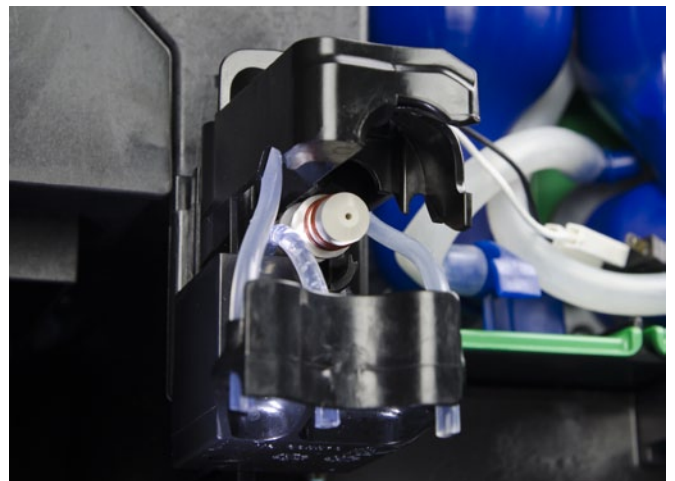


Beverage outlet without cover hood, side view.

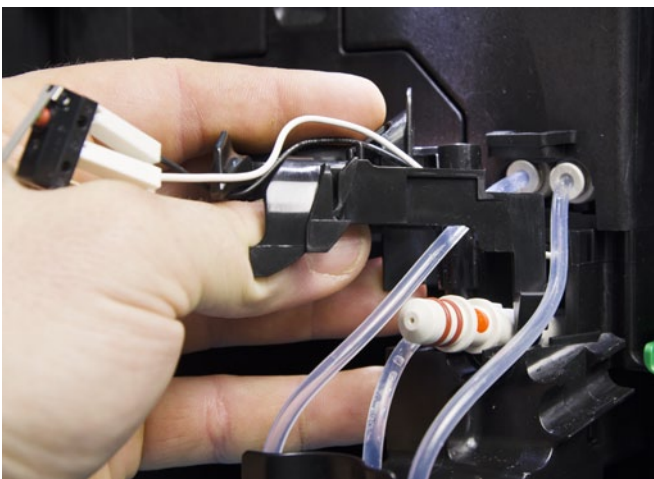
- ▶ Lift and remove the beverage outlet cover hood.



Beverage outlet without cover hood, view from top.

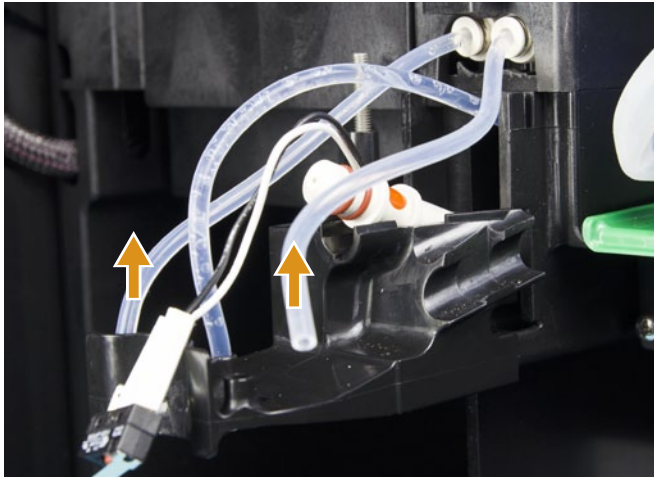


Beverage outlet without cover hood, view from below.



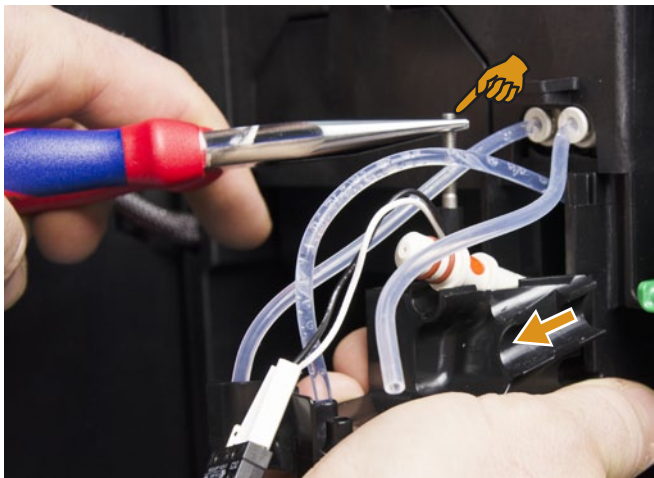
Removing the steam nozzle holder.

- ▶ Pull the steam nozzle holder upwards by rotating it gently in a clockwise direction.



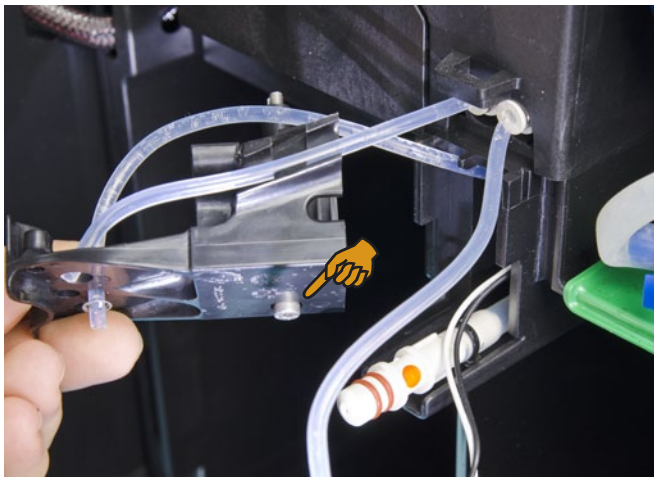
Removing the coffee dispensing hoses.

- ▶ Pull the two coffee dispensing hoses out of the support sleeve.
- ☑ The hot water dispensing hose remains in the beverage outlet as it is secured by a clamp.



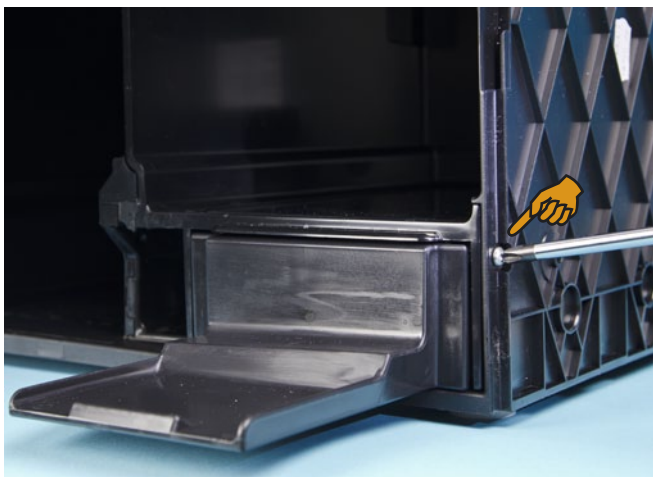
Removing the lower part of the beverage outlet.

- ▶ Use pliers to firmly hold the safety screw so that it does not fall out.
- ▶ Pull the lower part of the beverage outlet forwards.



Removing the steam nozzle holder.

- ☑ Completely dismantled beverage outlet.
- ▶ Remove the safety screw.



Integrated power supply insert.

- ▶ Use a PH2 cross head screwdriver to remove the fastening screw on the integrated power supply insert on the right-hand side of the machine.



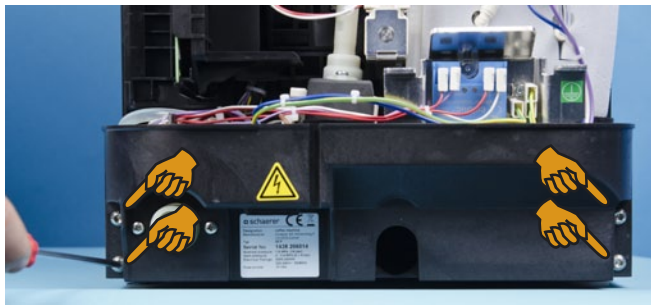
Removing the integrated power supply insert.

- ▶ Pull the integrated power supply insert forwards slightly.
- ▶ Disconnect the two plugs.
- ▶ Completely pull out the integrated power supply insert.



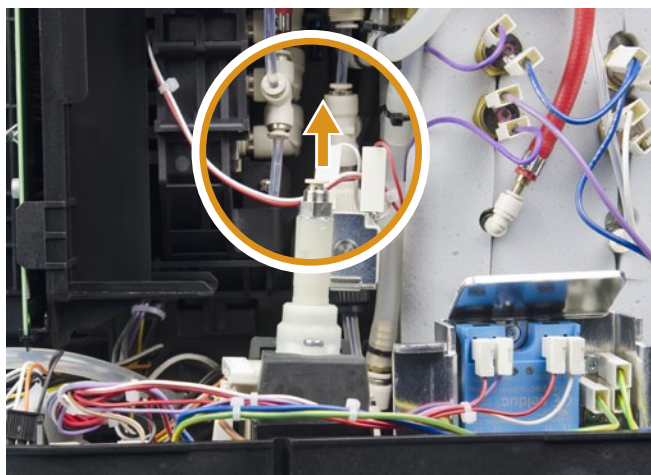
Disconnecting the sensor plugs.

- ▶ Disconnect the reed sensor plugs and the capacitive sensor from the rear section of the brewing compartment.



Removing the screws on the lower part of the frame.

- ▶ Use a size 4 Allen key to loosen the four screws on the bottom of the frame and remove them.

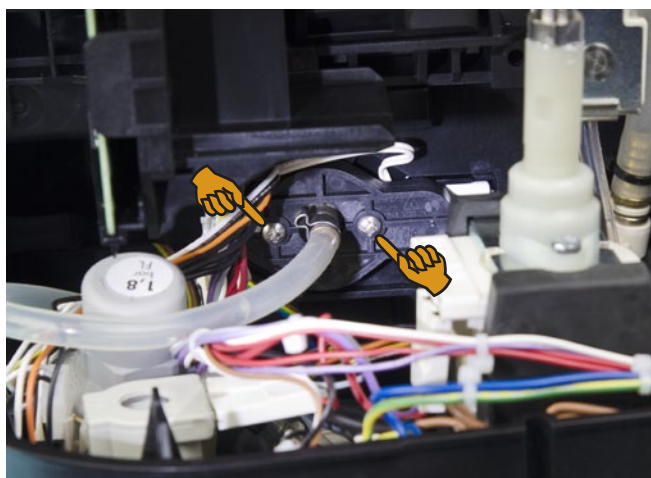


Water pump

- ▶ Pull off the hose at the water pump outlet.

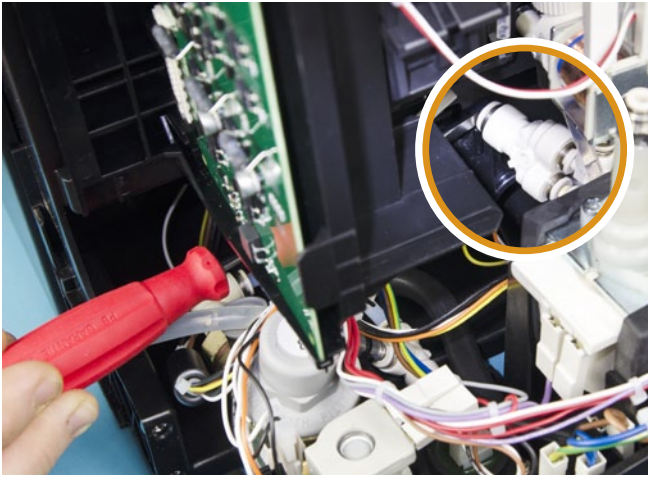


Caution! Hot water may run out of the hose.

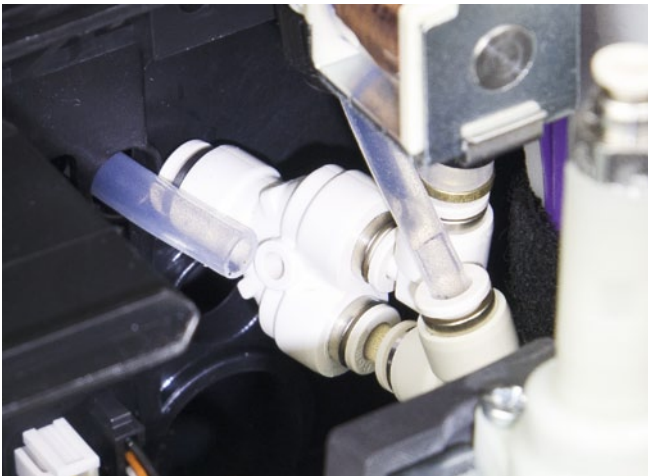


Removing the connection for the drinking water tank.

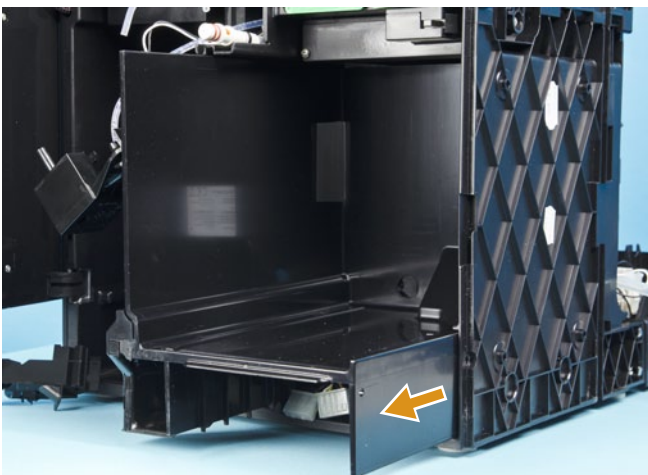
- ▶ Use a long PH2 cross head screwdriver to loosen both screws at the drinking water tank connection.
- ▶ Carefully remove the drinking water tank connection and set aside.
- ☑ The reed sensor for monitoring the filling level in the drinking water tank will fall out of the holder. Pay attention to the installation position!



Y-piece system relief

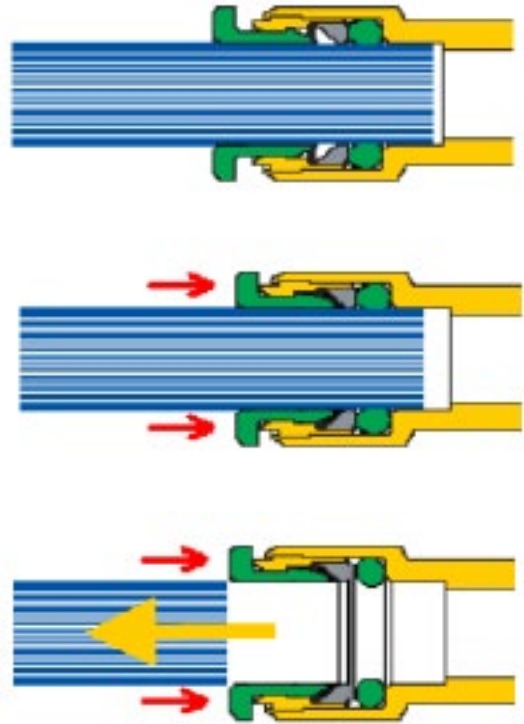


Hose removed from Y-piece.



Removing the insert for the drinking water tank.

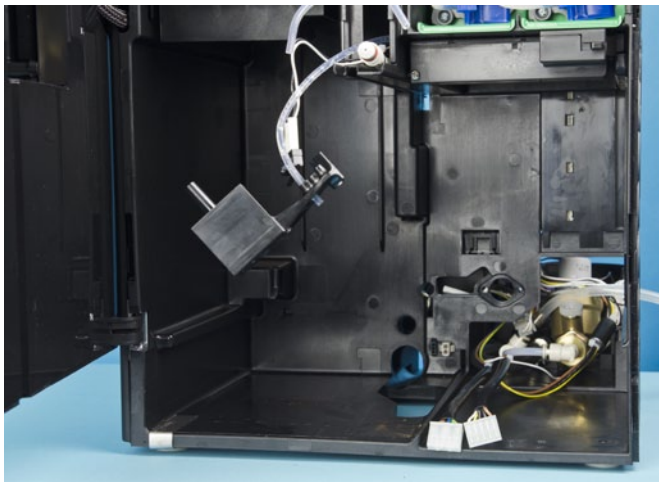
- ▶ Separate the relief hose from the Y-piece.



- ▶ Remove the Y-piece including the two elbows from the machine.

- ▶ Remove the hose piece from the relief valve outlet.

- ▶ Carefully remove the complete drinking water tank insert from the machine housing.



Insert for the drinking water tank once removed.

- Dismantled complete drinking water tank insert.

ASSEMBLING THE COMPONENTS

- ▶ Reassemble the components in reverse order.
- After putting the machine into operation, run the automatically controlled commissioning routine and follow the instructions on the display.

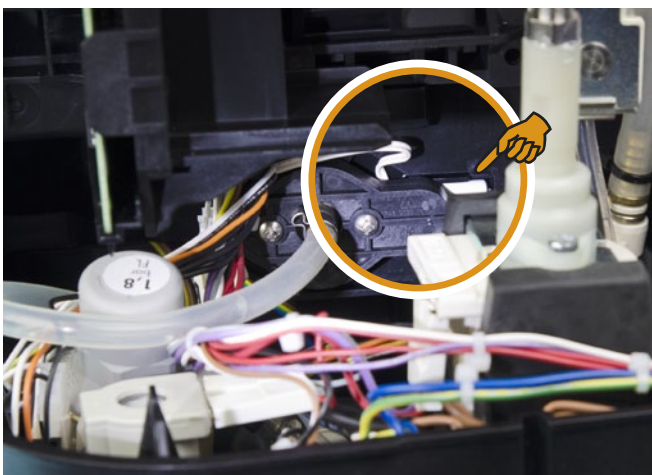
Note

Please observe the following information during assembly:



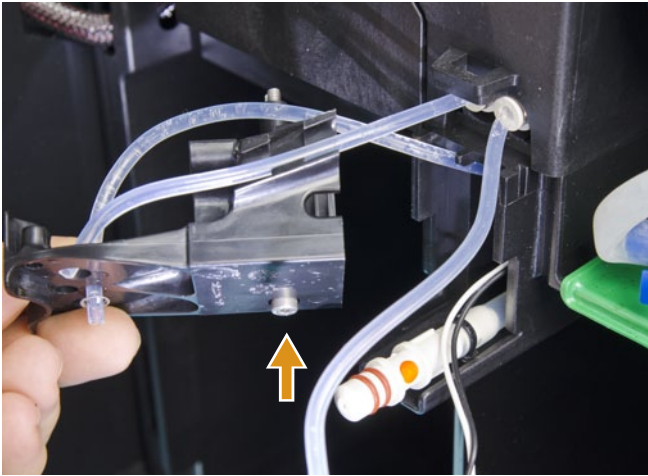
Relief pipes once installed

- ▶ Take the 6 mm hose that is already installed in the elbow and attach it to the relief valve outlet.
- ▶ Attach the 4 mm hose from the "complete drinking water tank" to the elbow.
- ▶ Attach the silicone hose from the "complete drinking water tank" to the silicone hose for the boiler relief.



- ▶ The reed switch must be positioned as shown in the figure.
- When fitted correctly, the drinking water tank empty message is displayed correctly.

Position of the reed switch



Safety screw

- ▶ Before the lower part of the beverage outlet can be fitted, the safety screw must be inserted in the designated hole. It is not possible to fit the safety screw at a later time.

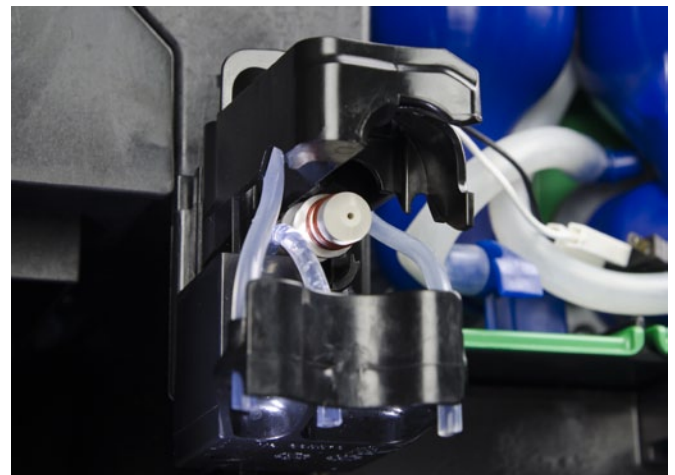


Beverage outlet without cover hood, side view.
Correct positioning of the steam nozzle.

- ▶ Check that the steam nozzle is positioned correctly.
- ▶ Position the hoses as shown in the figures.
- ▶ Check that the microswitch is fitted correctly.



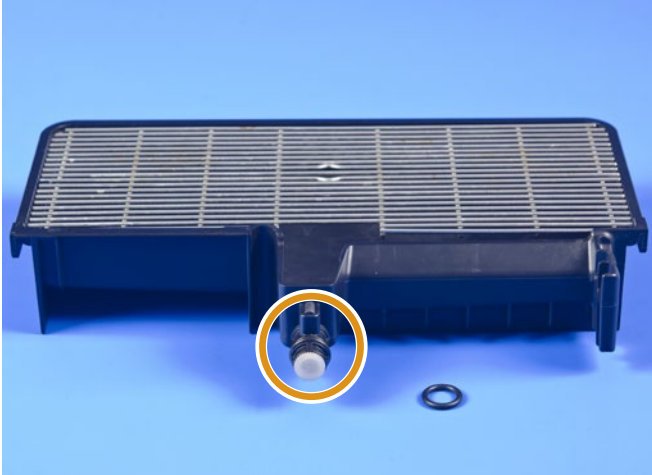
Beverage outlet without cover hood, view from top.
Correct positioning of the microswitch.



Beverage outlet without cover hood, view from below.
Correct routing of hose.

REPLACING THE DRIP TRAY O-RING

- ▶ Replace the existing drip tray O-ring with a new one.



Position of the O-ring on the drip tray.