

# Maintenance Manual



WMF bistro!

## Content

Maintenance Brewer	3
Descaling	9
Maintenance Grinders	12
Maintenance Choc	17
Maintenance ECF	22
Customer check-up kit Standard/Steampower	24
Customer check-up kit Milkpower	29
Service Maintenance 1 Standard	34
Service Maintenance 1 Milkpower	42
Service Maintenance 2 Standard	50
Service Maintenance 2 Milkpower	61

---

# Maintenance Brewer

---

## Maintenance brewer for WMF bistro!

Maintenance kit 33.2802.8000 - after 30.000 brewing cycles, not later than 12 months.

Please note WMF bistro! user manual especially with regard to hazard notices and the Safety chapter.



Disconnect the machine from the power supply!



Descale continuous heater before maintenance. See manual „descaling“



Precondition: Cover and rear cover removed, front panel opened.

Hint: Always lubricate the o-rings with o-ring grease before assembling!



fig. 1:

Disassemble brewer

- loosen 2 screws from the metal sheet and take it out leftwards.
- remove the grinders.

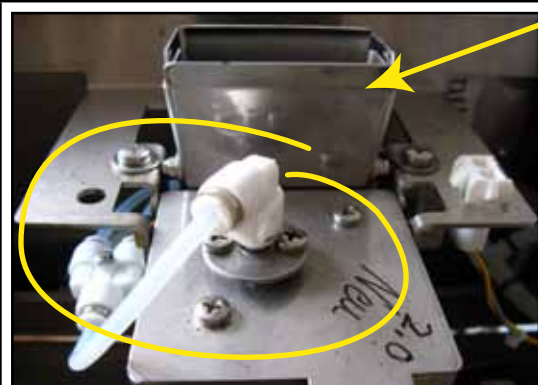


fig. 2:

- remove insertion unit.
- remove both hoses and exchange the plug-in connections.



fig. 3:

- loosen the screws from the cover.
- remove metal cover, grounds container housing and drip tray grid.

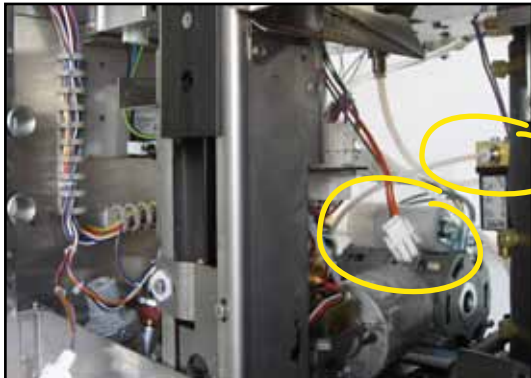


fig. 4:

- disconnect hose from brewing valve and disassemble brewing valve.
- disconnect and disassemble brewer.



fig. 5:

- take out the 2 square head screws from upside the brewer.

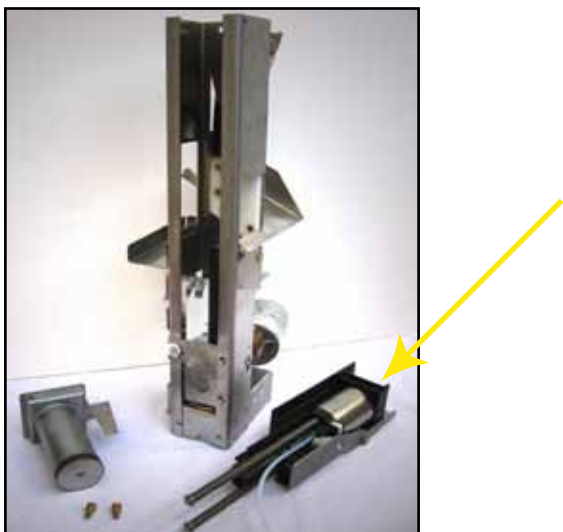


fig. 6:

- disassemble brewer upper part.
- disassemble brewing cylinder.



fig. 7:

## Brewing cylinder

- disassemble parts of the brewing cylinder and spring clean with WMF cleaning powder. Then rinse with clear water.
- Exchange all o-rings and gaskets.



fig. 8:

- assemble gaskets (see fig. 8).
- if damaged, exchange brewing sieve.



fig. 9:

## Assemble wiper

Keep a gap of 0,3 mm - 0,5 mm between wiper and the brewing cylinder while assembling.



fig. 10:

## Brewer upper part

- disassemble all parts and spring clean with WMF cleaning powder. Then rinse with clear water.
- exchange o-rings and gaskets.
- exchange brewing sieve if damaged.



fig. 11:

- assemble gaskets (see fig. 11).



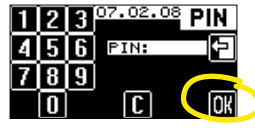
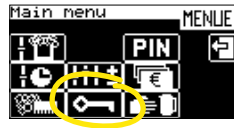
fig. 12:

## Brewing valve

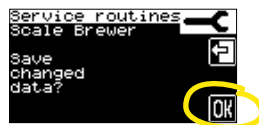
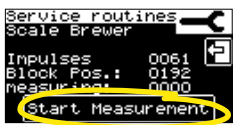
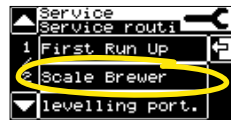
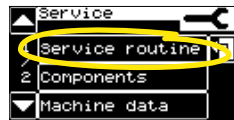
- disassemble, spring clean and descale if necessary. Then rinse with clear water.
- exchange plunger, gaskets and the plug-in connectin.

After maintenance, assemble again all parts and calibrate brewer.

## Calibration brewer



After PIN enter, confirm with „OK“.





# Descaling

---

## WMF bistro! - Descaling continuous heater

Please note WMF bistro! User Manual especially with regard to hazard notices and the Safety chapter.



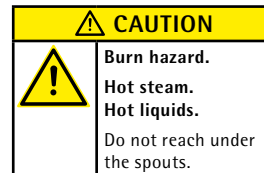
Disconnect the machine from the power supply!



### 1. Decrease pressure



After PIN enter confirm with "OK".

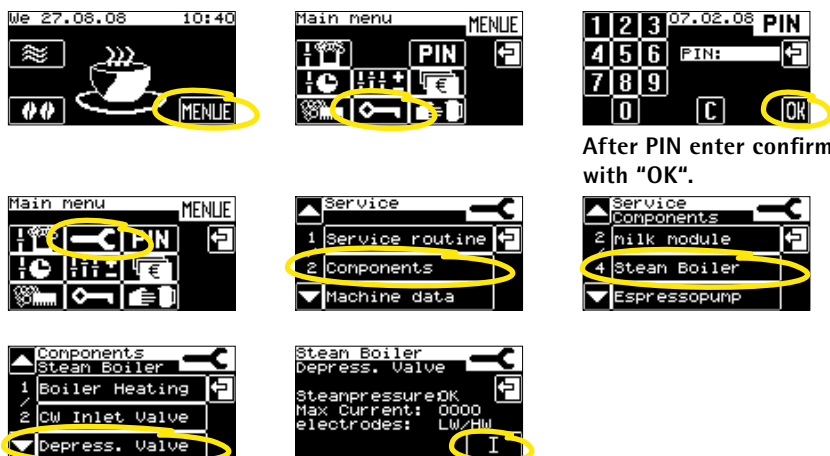


Check brewing pressure on manometer behind the grounds container. When pressure dropped to 0 bar, close water-tap and click „terminate“.



If pressure is not yet to 0 bar, start routine a second time

### 2. Check , if pressure e.g. in pressure reduction valve has completely decreased



After PIN enter confirm with "OK".

Pressure must be „0“.

## 3. Descaling

Precondition: machine cover, rear cover and grinders dismantled.

Pay attention while disconnecting the T-piece!

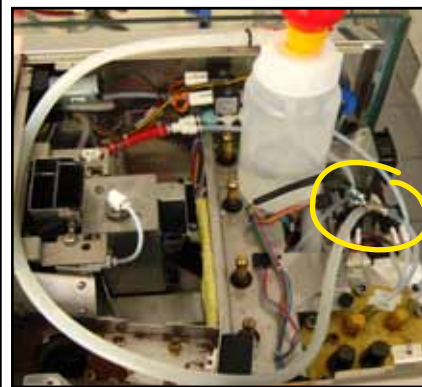
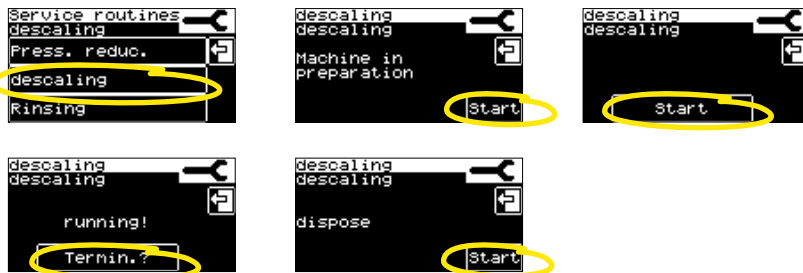


fig. 1:

- Prepare descaling solution in the descaling pump: 100 g WMF descaling powder in 1 liter of water.
- Disconnect flowmeter output.
- Connect the descaling pump with the hose going to the continuous heater.
- press the descaling pump, to get the liquid into the system of the continuous heater.

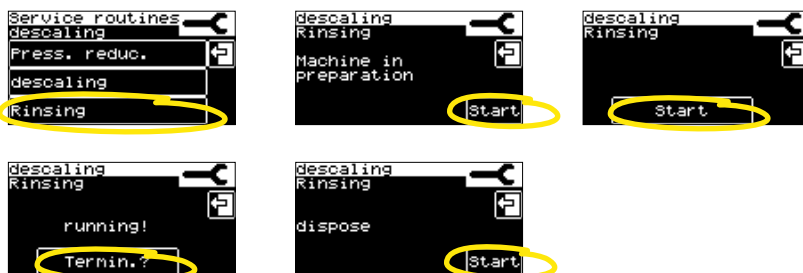
### Start descaling program



after:

- disconnect descaling pump
- plug-in again the flowmeter
- open water-tap

## 4. Rinse



After descaling rinse all plastic parts of the brewer- danger of breakage!



# Maintenance Grinders

---

## WMF bistro! - maintenance grinders

Please note WMF bistro! user manual especially with regard to hazard notices and the Safety chapter.



Disconnect the machine from the power supply!



Empty bean hopper and remove!

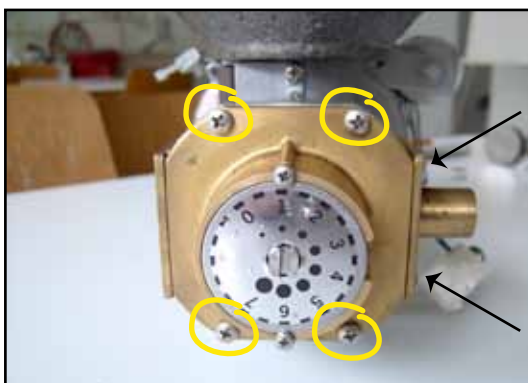


fig. 1:

- remove 4 screws from the grinder, clean the grinder inside and exchange the grinder disk if necessary.
- remove 4 screws from the nozzle (right hand) and clean it.



fig. 2:

- Exchange Rossi disks (see fig. 2, left hand) at about 15.000 - 30.000 cycles.
- Exchange Ditting disks (see fig. 2, right hand) at the latest 150.000 - 200.000 cycles.

Hint: you can see the grade of abrasion in the software menu (see page 2).

## Display correction value

After PIN enter, confirm with „OK“ .

change the grinder disks at correction value of 130% - abrasion!

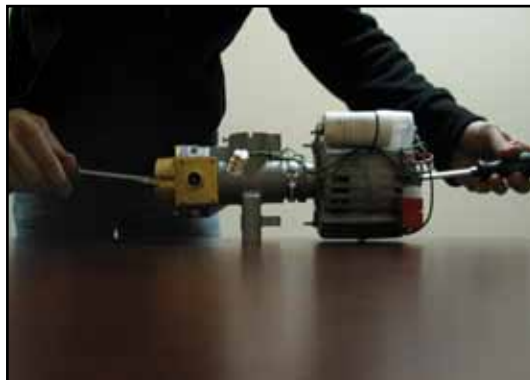


fig. 3:

After reassembling parts, put grinder disks into block position:

- loosen the screw in front, until the disks scratch only easily.

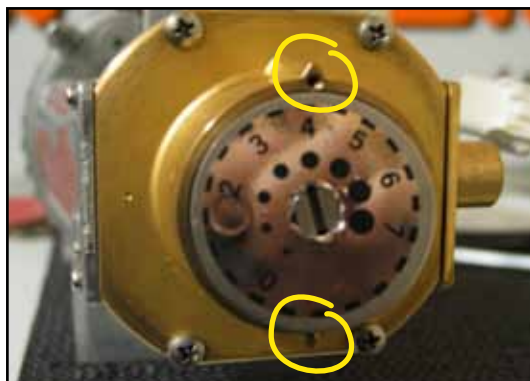


fig. 4:

- remove 2 screws.
- set the scale to „0“, then turn to „4“.
- remove the scale and set again to „0“.

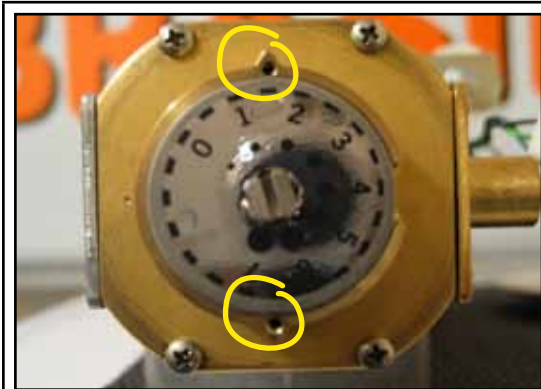


fig. 5:

- Set the grinding degree (default: Espresso 1,5; Cafe Creme 3,5)  
*Set the grinding degree depending on default or customer's requirement.*
- Clean the bean hopper with cleaning solution if necessary (WMF cleaning solution).
- turn in again 2 screws.

After exchanging grinder disks, grinder or after changing grinding degree, always calibrate the grinder.

## Calibration grinder left

1. Main menu: Select **MENUE**.

2. PIN entry screen: Enter PIN and confirm with **OK**.

3. Service menu: Select **Service**.

4. Service routine menu: Select **Service routine**.

5. Service routine list: Select **levelling port.**.

6. Grinder selection: Select **Grinder-left**.

7. Confirmation: Select **Continue**.

8. Start measurement: Select **Start**.

9. Weighing: Input measured value (e.g., 21.0g) and confirm with **OK**.

10. Start measurement: Select **Start**.

11. Weighing: Input measured value (e.g., 45.0g) and confirm with **OK**.

12. Calibration finished: Select **accept**.

13. Adjustment screen: Confirm with **OK**.

after setting, press „OK“.

Calibrate the grinder right the same way.

# Service Coffee Machines

## Konfig Tool

After changing the grinding disks, the counter can be reset in the KonfigTool.  
 Open KonfigTool -> Machine configuration -> Adjustments -> Counter

**1. Double-click grinding disk (left and right).**

counter	calculated	% reached	limiting value
Total Brewings	0		
QTY Brewings since customer care (15000)	0		
QTY Brewings since service maintenance 1 (30000)	0	0	30000
QTY Brewings since service maintenance 2 (60000)	0		
QTY Brewings since revision (300000)	0		
Total QTY Hotwater dosings	0		
Total QTY Milk dosings	0		
Total QTY Steam dosings	0		
Counter Total Operating hours	0 Years 0 Days 0 Hours 0 Min 0 Sec		
QTY water heat exchanger /filter	0		
Supply steamboiler /filter	0		
grinder right grinding disk	0	0	50000
grinder right grinding disk	0	0	50000
grinder left grinding disk	0	0	50000
grinder and drive ten	0	0	50000
Heat exchanger water since descaling	0		
Steam Boiler water since descaling	0		
Nos of completed cleaning cycles	0		
cleaning cycles target value	0		
Nos. of cleaning cycles milk	0		
Nos. of completed descalings	0		
Service Data			
Last Service Date	16.10.09		
15000 brewings or 1/2 year - customer care	04.2009		
30000 brewings or max. 1 year - service maintenance 1	10.2009		
60000 brewings or max. 2 years - service maintenance 2	10.2010		
300000 brewing cycles or 5 years - Revision	10.2013		
descaling			
last descaling	16.10.08		
date of next descaling	16.10.2009		

**2. Click „Yes“ to reset the value.**



# Maintenance Choc

---

## Maintenance Choc for WMF bistro! and WMF presto!

Maintenance kit Choc 33.2828.6100 - after 30.000 brewings or oder 12 months.

*Exchanging mixer complete, hose connection, choc valve, choc spout, mixer hose and angle piece (only bistro!).*

Please note WMF bistro! user manual especially with regard to hazard notices and the Safety chapter.



Disconnect the machine from the power supply!



Precondition: Cover and rear cover removed, front panel opened.



fig. 1: remove metal sheet

Exchanging mixer complete

- loosen 2 screws from the metal sheet and take it out leftwards.



fig. 2: dismantle grinder

- dismantle the grinder, to remove the tray among.



fig. 3: tray with mixer cup

Grinder dismantled, tray accessible.

- turn out the 4 screws from the tray.



fig. 4: motor

- disconnect the plug-in connection to the motor at the bottom side of the tray.



fig. 5: cover

- loosen 2 screws from the cover.



fig. 6:

- lift the cover and take it out forwards.  
Mixer cup among is now accessible.



fig. 7: Mixer cup with hose

- remove hose.
- press the lever downwards and remove the mixer cup.



fig. 8: dismantle mixer motor

Mixer cup is removed and motor is visible.

- Take the screw above the motor out of the metal sheet.



fig. 9:

- press the lever and take out the mixer motor forwards.



fig. 10: new mixer motor

- disconnect the mixer motor and exchange.

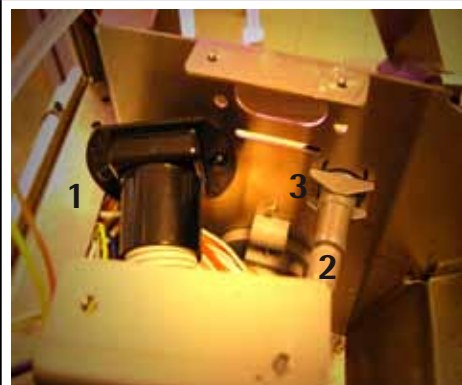


fig. 11: back view of fig. 8

Exchanging hose connection

Front view hose connection see fig. 8

- remove 2 screws from the extraction hose (1) .
- remove the hose (2) from the hose connection (3).
- turn the hose connection through 90° and remove forwards.
- exchange the hose connection, attach the hose and fix again with cable clips.



fig. 12: valve group

## Exchanging choc valve

- remove solenoid from the choc valve.
- exchange choc valve.
- attach solenoid again to the choc valve.



Close water tap!

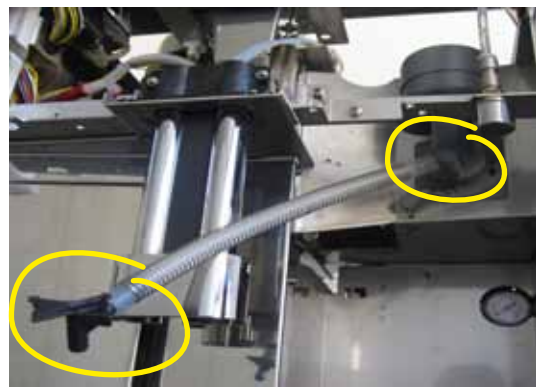


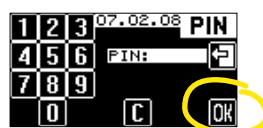
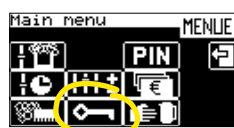
fig. 13: mixer hose with choc spout and angle piece

## Exchanging choc spout, mixer hose and angle piece

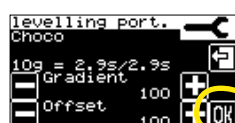
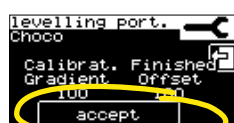
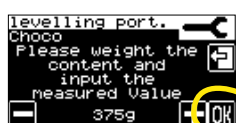
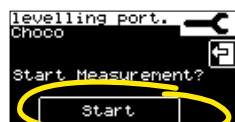
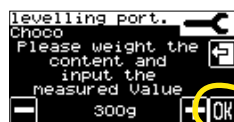
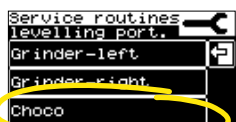
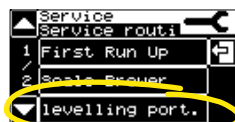
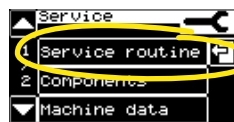
- remove choc spout together with mixer hose and exchange.
- remove the angle piece and exchange (only WMF bistro!).

After maintenance calibrate the choc.

## Calibrating Choc



after PIN enter confirm with „OK“



# Maintenance ECF

---

## Maintenance ECF for WMF bistro!

Maintenance kit ECF 33.2802.9000 - after 30.000 brewings or 12 months

Please note WMF bistro! user manual especially with regard to hazard notices and the Safety chapter.



Disconnect the machine from the power supply!

Hint: Always lubricate the o-rings with o-ring grease before assembling!

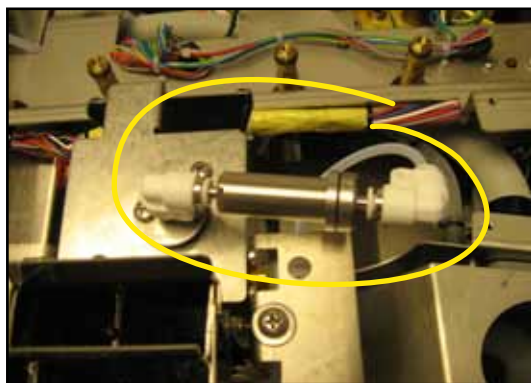


fig. 1: attached notch valve

Attached notch valve at the brewer upper part

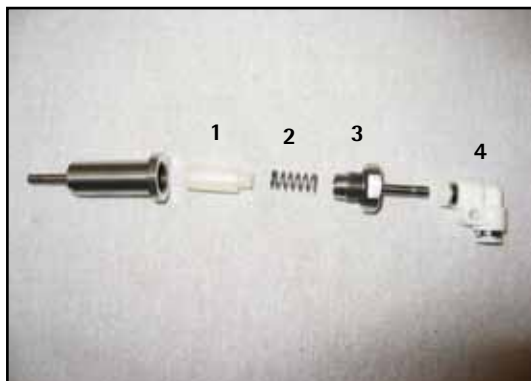


fig. 2: components notch valve

Exchange components and clean:

- plunger notch valve (1).
- spring (2).
- o-ring (3).
- plug-in connection (4).

# Customer check-up kit Standard/ Steampower

---



## Manual customer check-up Standard for WMF bistro!

Customer check-up kit Standard 33.2809.6000 - after 6 months

Please refer to the WMF bistro! user manual especially with regard to hazard notices and the Safety chapter.



Disconnect the machine from the power supply!



Hint: Always lubricate the o-rings with o-ring grease before assembling!



fig. 1:

- change milk foamer complete.
- change the nozzles depending on milk temperature and position of cooler (beside or under the machine).
- change silicone tube.

*Option Plug & Clean (not with Steampower):*

- change adapter.

*Option Choc:*

- change silicone tube, mixer spout and angle piece.

see User Manual bistro!



fig. 2:

- change o-ring at combi-spout.



fig. 3:

*Option Choc:*

- change red o-ring at the mixer motor.



fig. 4:

- change discharge nozzle from hot water spout.

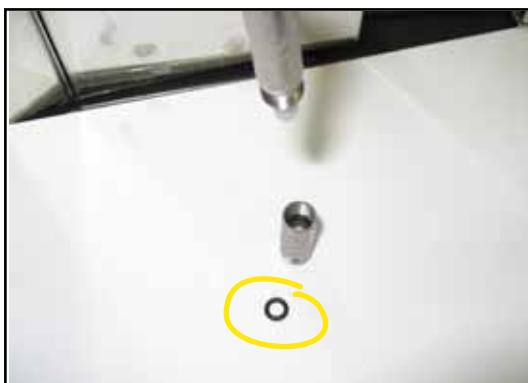


fig. 5:

- change o-ring of the steam nozzle.



fig. 6:

- change foils of bean hoppers.



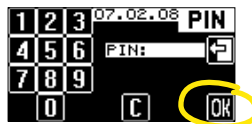
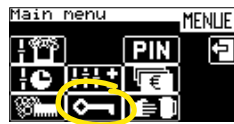
fig. 7:

### Option Steampower

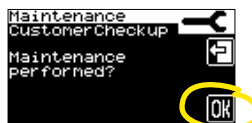
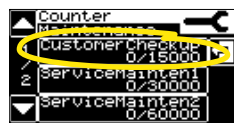
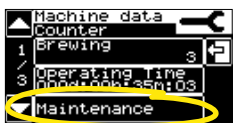
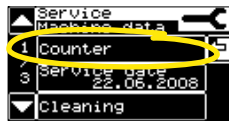
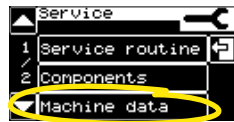
2 o-rings 33.0395.3000 (see fig. 7) necessary for option „Steampower“ must be ordered separately.  
Not contained in customer check-up kit!

## Reset Maintenance

To clear the counter after maintenance



After PIN enter confirm with „OK“.

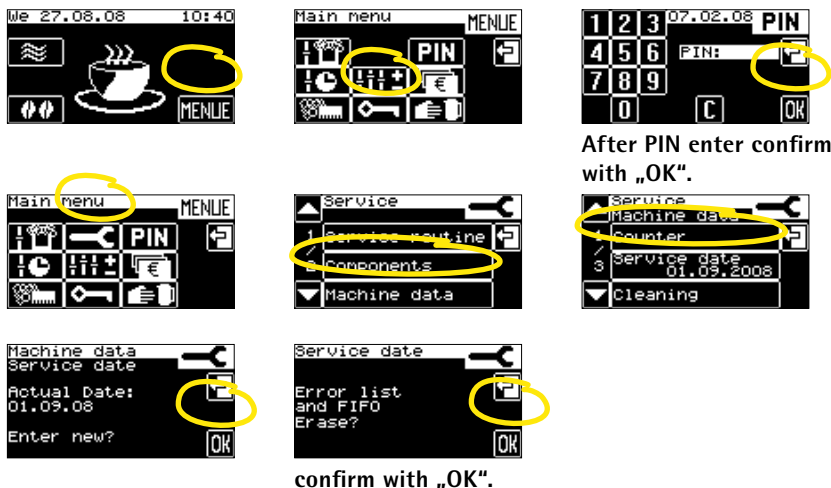


confirm with „OK“.

# Service Coffee Machines

## Reset Service Date

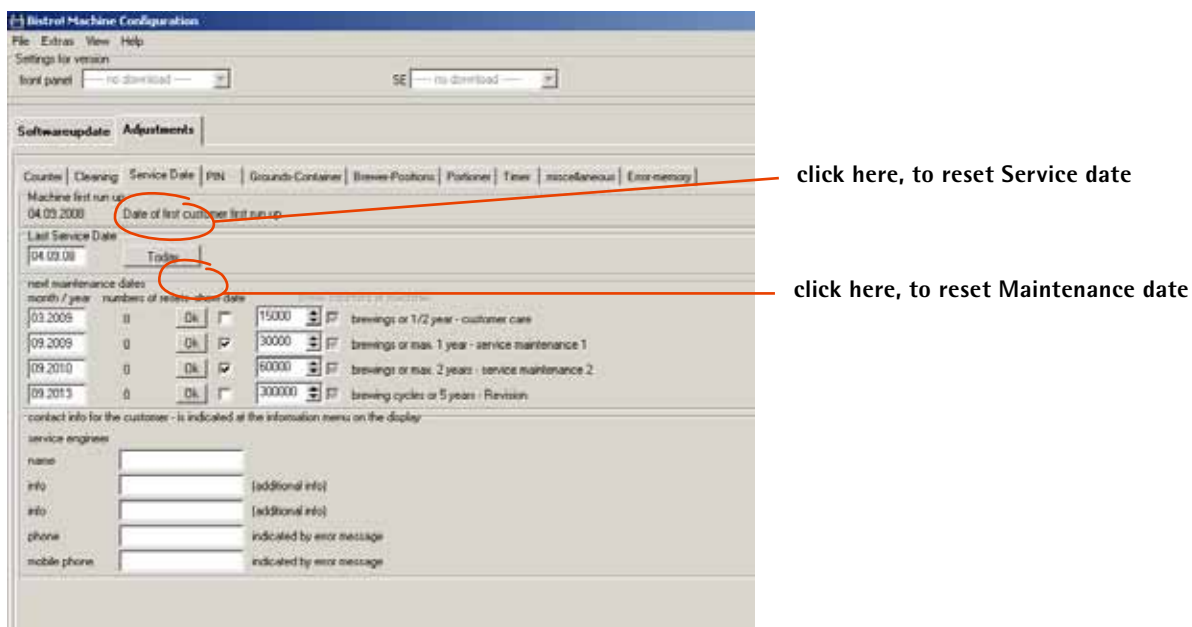
To clear all error messages and cleaning cycles counter.



## Konfig Tool

Reset Maintenance and Service date is also possible with KonfigTool.

Open KonfigTool-> Machine configuration-> Adjustments-> Service Date



# Customer check-up kit Milkpower

---

## Maintenance customer check-up for WMF bistro!

Customer check-up kit milkpower 33.2809.6100 - after 6 months

Please refer to the WMF bistro! user manual especially with regard to hazard notices and the Safety chapter.



Disconnect the machine from the power supply!



Hint: Always lubricate the o-rings with o-ring grease before assembling!



fig. 1:

- change milk foamer completely.
- change nozzle (red, blue, violett) depending on customer's requirement.
- use beige nozzle only with Plug&Clean.
- change silicone hose.

*Option Plug &Clean:*

- change adapter.

*Option Choc:*

- change silicone hose, mixer spout and angle piece.



see User Manual bistro!



fig. 2:

- change o-ring at the combi spout.



fig. 3:

*Option Choc:*

- change red o-ring at the mixer motor.



fig. 4:

- change discharge nozzle from hot water spout.

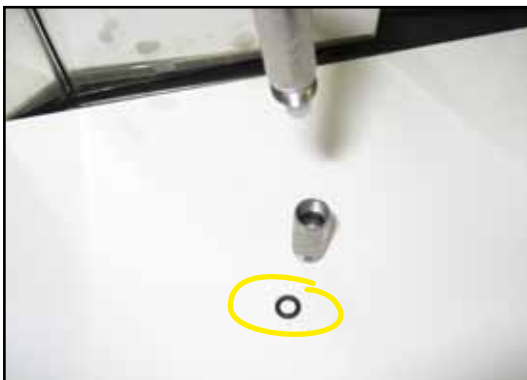


fig. 5:

- change o-ring of the steam nozzle.



fig. 6:

- change foils of bean hoppers.

## Reset Maintenance

To clear the counter after maintenance

The procedure for resetting maintenance is shown in a 3x3 grid of screenshots:

- Top-left:** Home screen showing a coffee cup icon and a circled **MENU** button.
- Top-middle:** Main menu with a circled **PIN** button.
- Top-right:** PIN entry screen with a circled **OK** button. Text below: "After PIN enter confirm with „OK“."
- Middle-left:** Main menu with a circled **PIN** button.
- Middle-middle:** Service menu with a circled **Machine data** option.
- Middle-right:** Service menu with a circled **Counter** option. Text below: "confirm with „OK“."
- Bottom-left:** Machine data menu with a circled **Maintenance** option.
- Bottom-middle:** Counter maintenance menu with a circled **Customer checkup** option.
- Bottom-right:** Maintenance confirmation screen with a circled **OK** button.

## Reset Service Date

To clear all error messages and cleaning cycles counter.

The procedure for resetting the service date is shown in a 3x3 grid of screenshots:

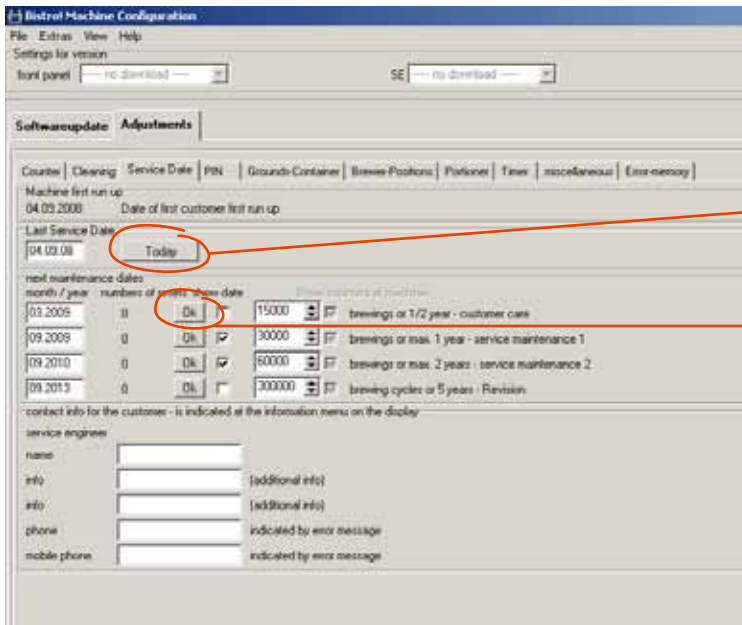
- Top-left:** Home screen showing a coffee cup icon and a circled **MENU** button.
- Top-middle:** Main menu with a circled **PIN** button.
- Top-right:** PIN entry screen with a circled **OK** button. Text below: "After PIN enter confirm with „OK“."
- Middle-left:** Main menu with a circled **PIN** button.
- Middle-middle:** Service menu with a circled **Machine data** option.
- Middle-right:** Service menu with a circled **Counter** option. Text below: "confirm with „OK“."
- Bottom-left:** Machine data menu with a circled **Service date** option.
- Bottom-middle:** Service date menu with a circled **OK** button. Text below: "confirm with „OK“."
- Bottom-right:** Service date menu with a circled **OK** button.



## Konfig Tool

Reset Maintenance and Service date is also possible with KonfigTool.

Open KonfigTool-> Machine configuration-> Adjustments-> Service Date



click here, to reset Service date

click here, to reset Maintenance date

# Service Maintenance 1 Standard

---

## Service Maintenance 1 Standard for WMF bistro!

Maintenance kit 33.2809.5000 contains customer check-up kit Standard, brewer maintenance and steam nozzle Standard - after 1 year.

Please refer to the WMF bistro! user manual especially with regard to hazard notices and the Safety chapter.



Disconnect the machine from the power supply!



Descale continuous heater before maintenance. See manual „descaling“



Precondition: Cover and rear cover removed, front panel opened.

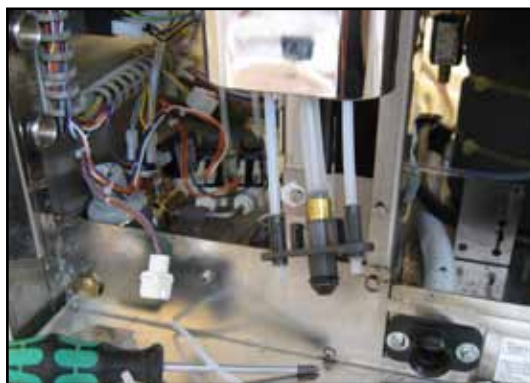


fig. 1: steam nozzle

Exchange steam nozzle

- exchange steam nozzle.

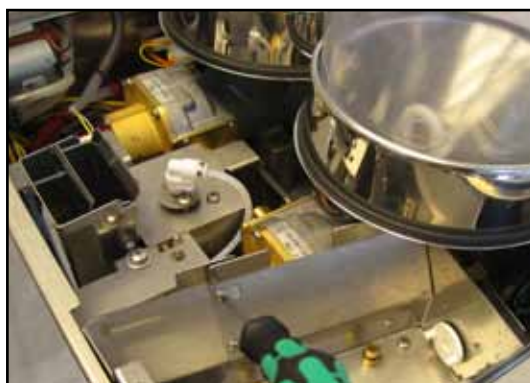


fig. 2: disassemble brewer

Disassemble brewer

- loosen 2 screws from the metal sheet and take it out leftwards.
- remove the grinders.



fig. 3:

- remove insertion unit.
- remove both hoses and exchange the plug-in connections.

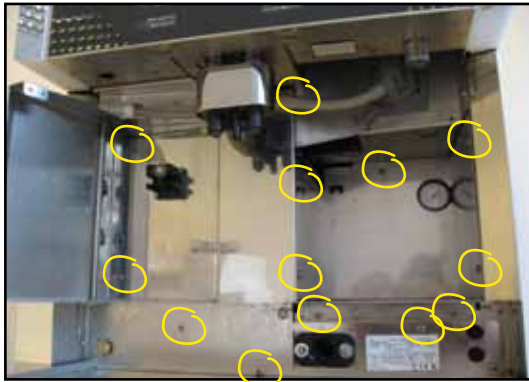


fig. 4:

- loosen the screws from the covers.
- remove metal cover, grounds container housing and drip tray angle.

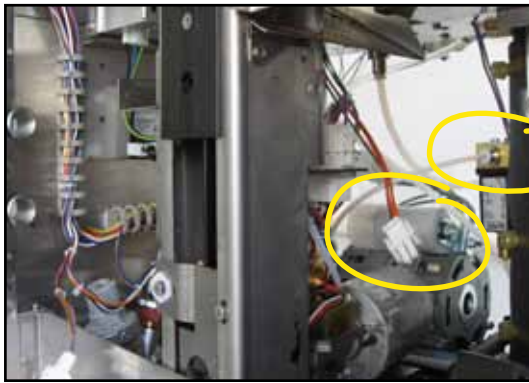


fig. 5:

- disconnect hose from brewing valve and disassemble brewing valve.
- disconnect and disassemble brewer.



fig. 6:

- take out the 2 square head screws from upside the brewer.



fig. 7:

- disassemble brewer upper part.
- disassemble brewing cylinder.



fig. 8: disassemble brewing cylinder

## Brewing cylinder

- disassemble parts of the brewing cylinder and spring clean with WMF cleaning powder. Then rinse with clear water.
- Exchange all o-rings and gaskets.



fig. 9:

- assemble gaskets (see fig. 9).
- if damaged, exchange brewing sieve.



fig. 10: assemble wiper

## Assemble wiper

- Keep a gap of 0,3 mm - 0,5 mm between wiper and the brewing cylinder while assembling.



fig. 11: disassemble brewer upper part

## Brewer upper part

- disassemble all parts and spring clean with WMF cleaning powder. Then rinse with clear water.
- exchange o-rings and gaskets.
- exchange brewing sieve if damaged.



fig. 12: assemble gaskets

- assemble gaskets (see fig. 12).

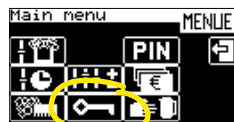


## Brewing valve

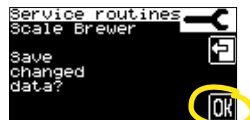
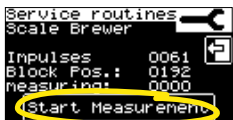
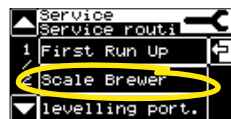
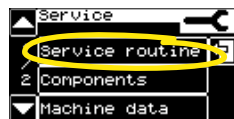
- disassemble, spring clean and descale if necessary. Then rinse with clear water.
- exchange plunger, gaskets and the plug-in connection.

After maintenance, assemble again all parts and calibrate brewer.

## Calibration brewer



After PIN enter, confirm with „OK“ .



confirm with „OK“.

# Service Coffee Machines

## Reset Maintenance

To clear the counter after maintenance

After PIN enter confirm with „OK“.

confirm with „OK“.

## Reset Service Date

To clear all error messages and cleaning cycles counter.

After PIN enter confirm with „OK“.

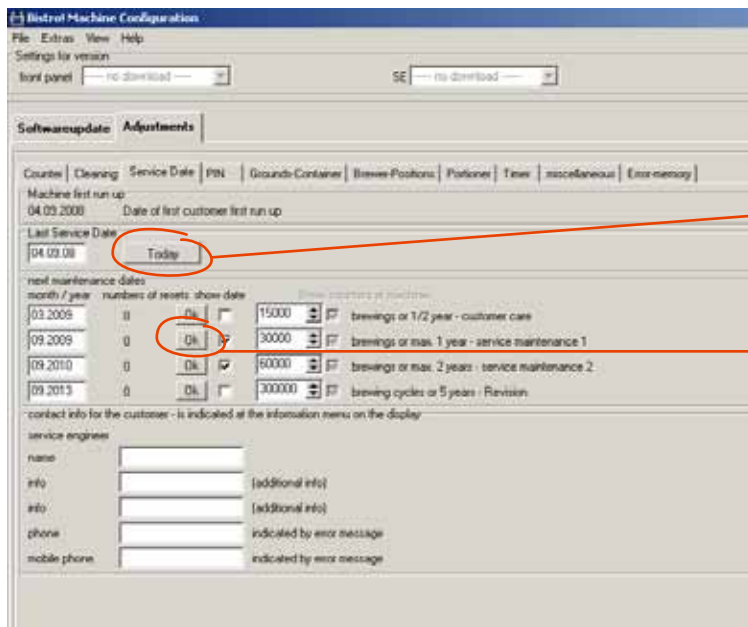
confirm with „OK“.



## Konfig Tool

Reset Maintenance and Service date is also possible with KonfigTool.

Open KonfigTool-> Machine configuration-> Adjustments-> Service Date



click here, to reset Service date

click here, to reset Maintenance date

# Service Maintenance 1 Milkpower

---

## Service Maintenance 1 Milkpower for WMF bistro!

Maintenance kit 33.2809.5100 contains customer check-up kit milkpower, brewer maintenance and steam nozzle milkpower - after 1 year.

Please refer to the WMF bistro! User Manual especially with regard to hazard notices and the Safety chapter.



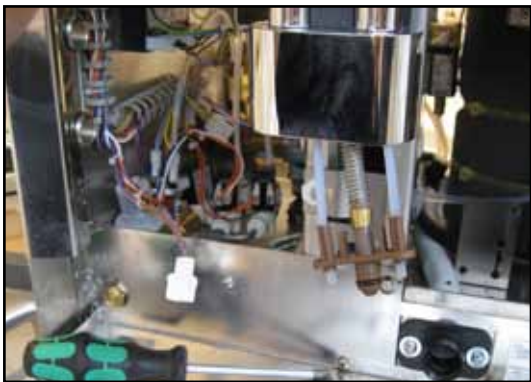


Disconnect the machine from the power supply!



Descale continuous heater before maintenance. See manual „descaling“



Precondition: Cover and rear cover removed, front panel opened.

 <p>fig. 1: steam nozzle</p>	<p>Exchange steam nozzle</p> <ul style="list-style-type: none"> <li>• exchange steam nozzle.</li> </ul>
 <p>fig. 2: disassembling brewer</p>	<p>Disassemble brewer</p> <ul style="list-style-type: none"> <li>• loosen 2 screws from the metal sheet and take it out leftwards.</li> <li>• remove the grinders.</li> </ul>
 <p>fig. 3:</p>	<ul style="list-style-type: none"> <li>• remove insertion unit.</li> <li>• remove both hoses and exchange the plug-in connections.</li> </ul>

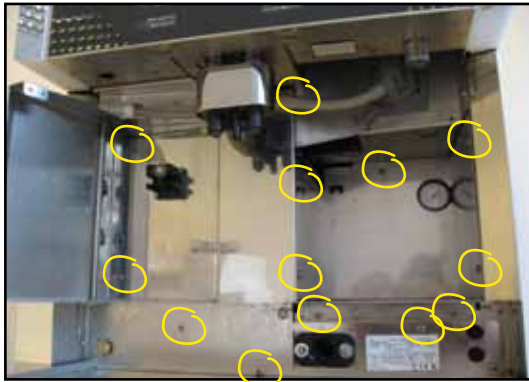


fig. 4:

- loosen the screws from the covers.
- remove metal cover, grounds container housing and drip tray angle.

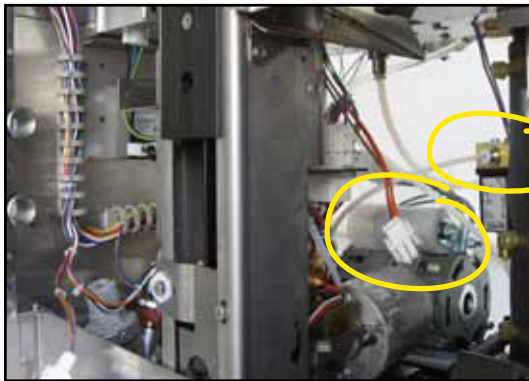


fig. 5:

- disconnect hose from brewing valve and disassemble brewing valve.
- disconnect and disassemble brewer.



fig. 6:

- take out the 2 square head screws from upside the brewer.



fig. 7:

- disassemble brewer upper part.
- disassemble brewing cylinder.



fig. 8: disassembling brewing cylinder

### Brewing cylinder

- disassemble parts of the brewing cylinder and spring clean with WMF cleaning powder. Then rinse with clear water.
- Exchange all o-rings and gaskets.



fig. 9:

- assemble gaskets (see fig. 9).
- if damaged, exchange brewing sieve.



fig. 10: assembling wiper

## Assemble wiper

- Keep a gap of 0,3 mm - 0,5 mm between wiper and the brewing cylinder while assembling.



fig. 11: disassembling brewer upper part

## Brewer upper part

- disassemble all parts and spring clean with WMF cleaning powder. Then rinse with clear water.
- exchange o-rings and gaskets.
- exchange brewing sieve if damaged.



fig. 12: assembling gaskets

- assemble gaskets (see fig. 12).

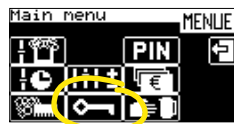


### Brewing valve

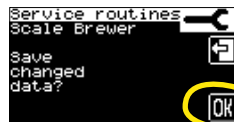
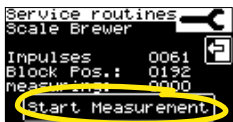
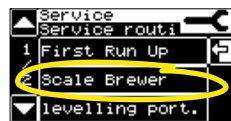
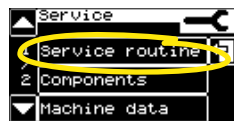
- disassemble, spring clean and descale if necessary. Then rinse with clear water.
- exchange plunger, gaskets and the plug-in connection.

After maintenance, assemble again all parts and calibrate brewer.

### Calibration brewer



After PIN enter confirm with „OK“.



confirm with „OK“.

## Reset Maintenance

To clear the counter after maintenance

The procedure consists of the following steps:

- Press the **MENUE** button on the main menu.
- Press the **PIN** button on the main menu.
- Enter the PIN code on the keypad and press **OK**.
- Press **OK** to confirm the PIN entry.
- Press the **Service** button to access the service menu.
- Press **Machine data** in the service menu.
- Press **Counter** in the machine data menu.
- Press **Maintenance** in the counter menu.
- Press **Customer checkup** in the maintenance menu.
- Press **Service date** in the customer checkup menu.
- Press **OK** to confirm the service date reset.

After PIN enter confirm with „OK“.

confirm with „OK“.

## Reset Service Date

To clear all error messages and cleaning cycles counter.

The procedure consists of the following steps:

- Press the **MENUE** button on the main menu.
- Press the **PIN** button on the main menu.
- Enter the PIN code on the keypad and press **OK**.
- Press **OK** to confirm the PIN entry.
- Press the **Service** button to access the service menu.
- Press **Machine data** in the service menu.
- Press **Counter** in the machine data menu.
- Press **Service date** in the counter menu.
- Press **OK** to confirm the service date reset.
- Press **Service date** in the service menu.
- Press **Error list and FIFO Erase?** in the service date menu.
- Press **OK** to confirm the error list and FIFO erase.

After PIN enter confirm with „OK“.

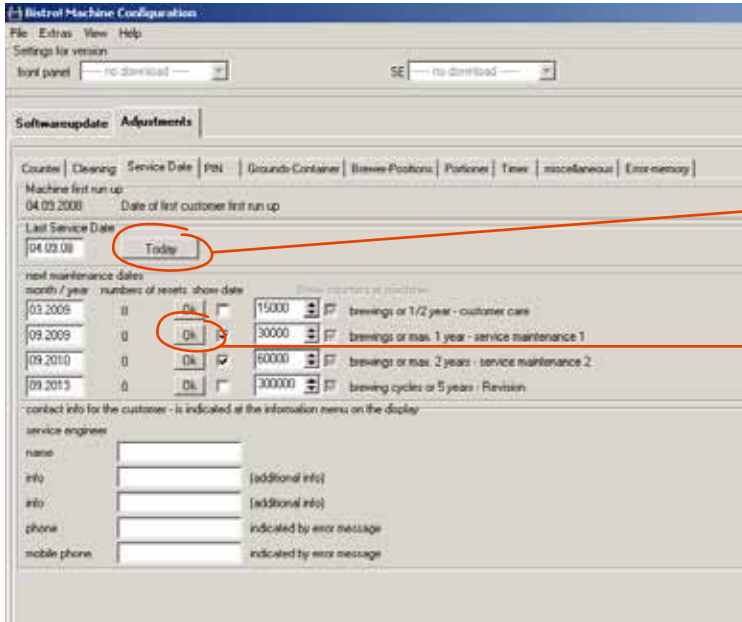
confirm with „OK“.



## Konfig Tool

Reset Maintenance and Service date is also possible with KonfigTool.

Open KonfigTool-> Machine configuration-> Adjustments-> Service Date



click here, to reset Service date

click here, to reset Maintenance date

# Service Maintenance 2 Standard

---

## Service Maintenance 2 for WMF bistro!

Service Maintenance 2 - 33.2809.4000 - after 24 months

Please refer to the WMF bistro! User Manual especially with regard to hazard notices and the Safety chapter.



Disconnect the machine from the power supply!



Precondition: Cover and rear cover removed, front panel opened.

Hint: Always lubricate the o-rings with o-ring grease before assembling!

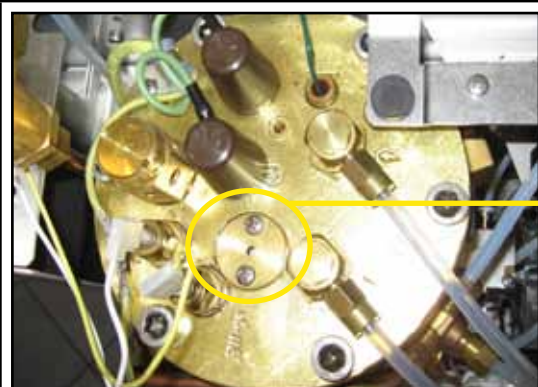


fig. 1: flange plate

<b>⚠ CAUTION</b>	
<b>⚠</b>	Hot steam.

- Exchange steam boiler vent valve.
- Open steam boiler and exchange o-rings if necessary (if necessary, descale steam boiler).

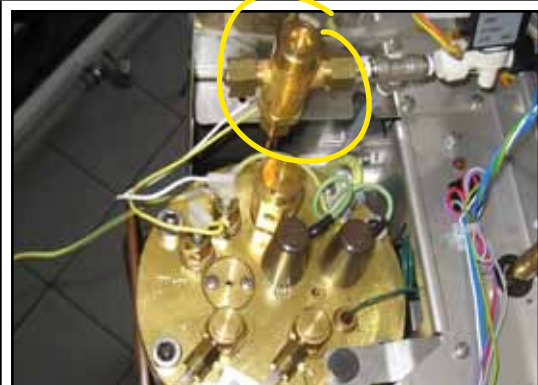


fig. 2:

- open sieve and exchange o-ring.
- clean sieve and descale if necessary.

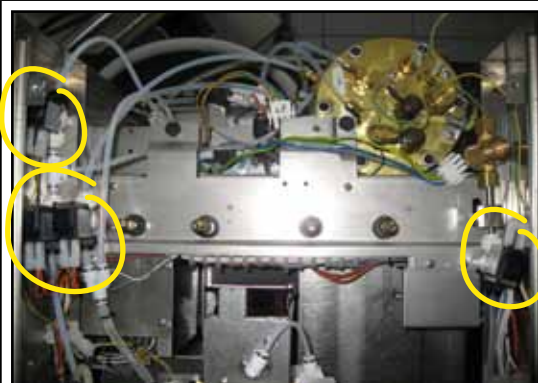


fig. 3: exchanging valves

- Exchange hot water valve, release valve and 2 steam dispensing valves.
- exchange plug-in connection behind cappuccino valve.
- exchange plug-in connection between steam valve and release valve.



fig. 4: descaling

- descale continuous heater.



see manual  
„descaling“

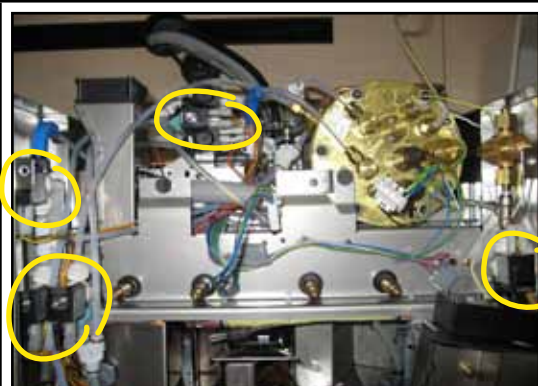


fig. 5a: option milkpower

- Hint for machines with milkpower
- machines with milkpower and steam contain 3 steam valves, 1 hot water valve and 1 release valve.



fig. 5b:

- the steam valve 33.2377.7000 has to be ordered seperately. Is not contained in maintenance kit!

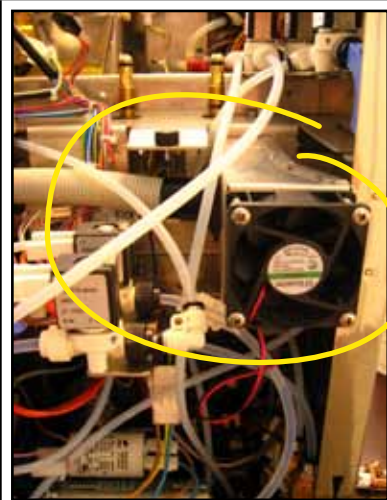
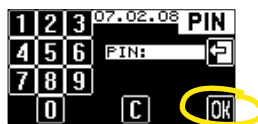
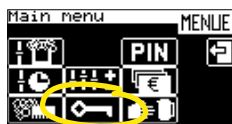


fig. 6: fan, cover fan and hose

- Exchange fan, cover fan and hose.

## Service routine exchanging battery



after PIN enter, confirm with „OK“.

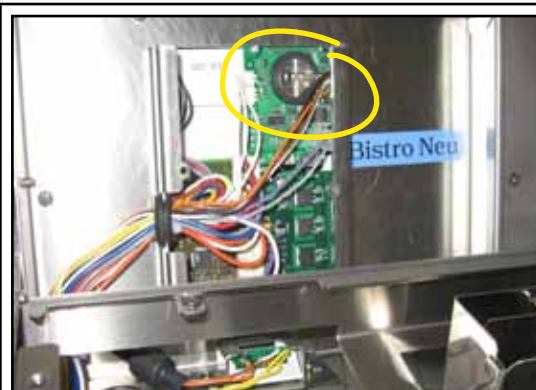
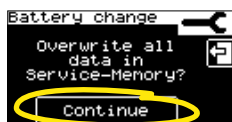
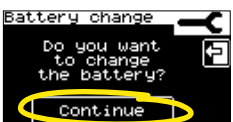
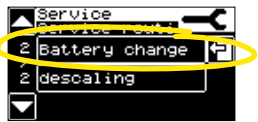
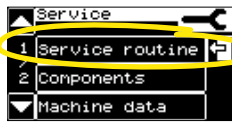


fig. 7:

- Exchange CPU battery.

## Service Maintenance 1 Standard

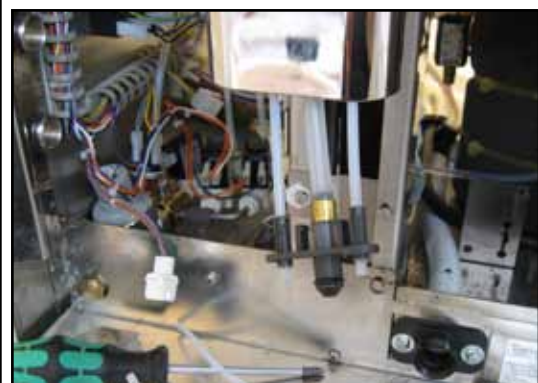


fig. 8: steam nozzle

Exchange steam nozzle

- exchange steam nozzle Standard.



fig. 9: disassemble brewer

Disassemble brewer

- loosen 2 screws from the metal sheet and take it out leftwards.
- remove the grinders.



fig. 10:

- remove insertion unit.
- remove both hoses and exchange the plug-in connections.



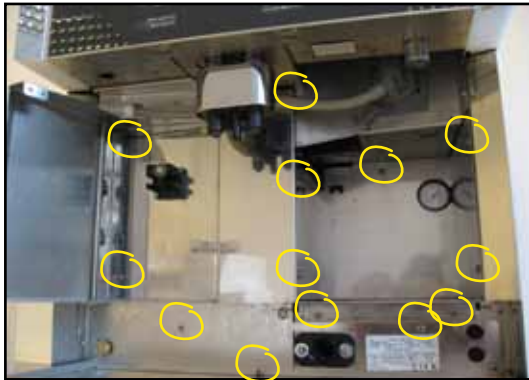


fig. 11:

- loosen the screws from the covers.
- remove metal cover, grounds container housing and drip tray angle.

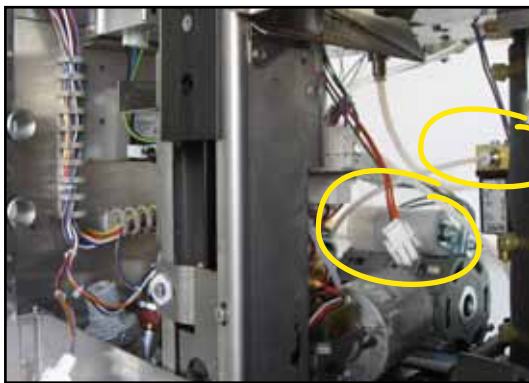


fig. 12:

- disconnect hose from brewing valve and disassemble brewing valve.
- disconnect and disassemble brewer.



fig. 13:

- take out the 2 square head screws from upside the brewer.



fig. 14:

- disassemble brewer upper part.
- disassemble brewing cylinder.



fig. 15: disassemble brewing cylinder

### Brewing cylinder

- disassemble parts of the brewing cylinder and spring clean with WMF cleaning powder. Then rinse with clear water.
- Exchange all o-rings and gaskets.



fig. 16:

- assemble gaskets (see fig. 16).
- if damaged, exchange brewing sieve.





fig. 17: assemble wiper

## Assemble wiper

- Keep a gap of 0,3 mm - 0,5 mm between wiper and the brewing cylinder while assembling.



fig. 18: disassemble brewer upper part

## Brewer upper part

- disassemble all parts and spring clean with WMF cleaning powder. Then rinse with clear water.
- exchange o-rings and gaskets.
- exchange brewing sieve if damaged.



fig. 19: assemble gaskets

- assemble gaskets (see fig. 19).

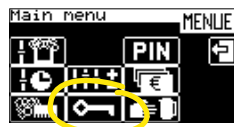


## Brewing valve

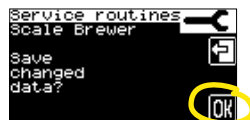
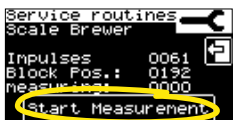
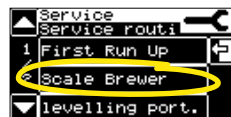
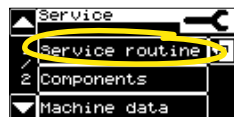
- disassemble, spring clean and descale if necessary. Then rinse with clear water.
- exchange plunger, gaskets and the plug-in connection.

After maintenance, assemble again all parts and calibrate brewer.

## Calibration brewer



After PIN enter, confirm with „OK“.



confirm with „OK“.

## Reset Maintenance

To clear the counter after maintenance

The procedure for resetting maintenance is shown in a 3x3 grid of screenshots:

- Top-left:** Home screen showing a coffee cup icon and a circled "MENUE" button.
- Top-middle:** "Main menu" screen with a circled "PIN" button.
- Top-right:** PIN entry screen with "07.02.08" and "PIN:" displayed, and a circled "OK" button.
- Middle-left:** "Main menu" screen with a circled "PIN" button.
- Middle-middle:** "Service" menu with options: 1 Service routine, 2 Components, and 3 Machine data. "Machine data" is circled.
- Middle-right:** "Service" menu with options: 1 Counter, 2 Service date (22.06.2008), and 3 Cleaning. "Counter" is circled.
- Bottom-left:** "Machine data" menu with options: 1 Counter, 2 Brewing, and 3 Operating time (00:00:00:00:00). "Maintenance" is circled.
- Bottom-middle:** "Counter" menu with options: 1 Maintenance, 2 Customer checkup (0/15000), and 3 ServiceMainten1 (0/20000). "ServiceMainten1" is circled.
- Bottom-right:** "Maintenance" screen with "ServiceMainten2" and "Maintenance performed?" displayed, and a circled "OK" button.

After PIN enter confirm with „OK“.

confirm with „OK“.

## Reset Service Date

To clear all error messages and cleaning cycles counter.

The procedure for resetting the service date is shown in a 3x3 grid of screenshots:

- Top-left:** Home screen showing a coffee cup icon and a circled "MENUE" button.
- Top-middle:** "Main menu" screen with a circled "PIN" button.
- Top-right:** PIN entry screen with "07.02.08" and "PIN:" displayed, and a circled "OK" button.
- Middle-left:** "Main menu" screen with a circled "PIN" button.
- Middle-middle:** "Service" menu with options: 1 Service routine, 2 Components, and 3 Machine data. "Machine data" is circled.
- Middle-right:** "Service" menu with options: 1 Counter, 2 Service date (01.09.2008), and 3 Cleaning. "Service date" is circled.
- Bottom-left:** "Machine data" menu with "Service date" selected, showing "Actual Date: 01.09.08" and "Enter new?" with a circled "OK" button.
- Bottom-middle:** "Service date" menu with "Error list and FIFO Erase?" displayed, and a circled "OK" button.
- Bottom-right:** "Service date" menu with "Error list and FIFO Erase?" displayed, and a circled "OK" button.

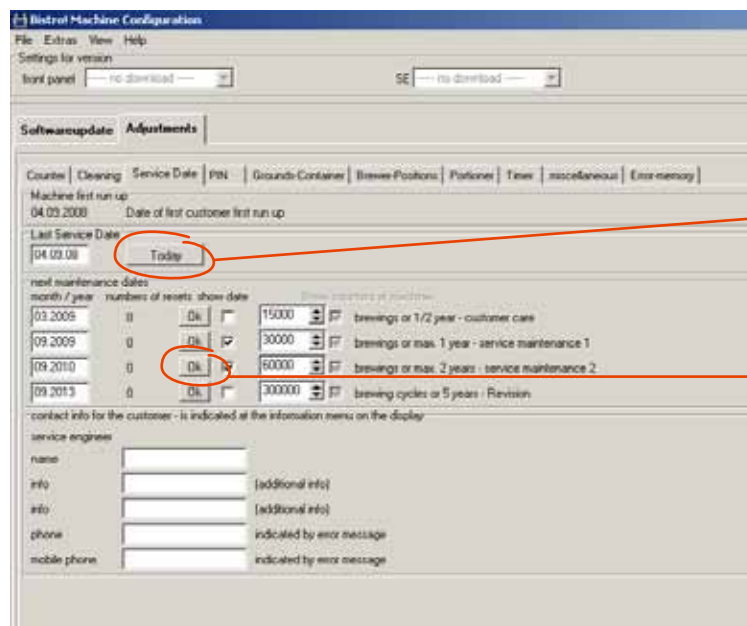
After PIN enter confirm with „OK“.

confirm with „OK“.

## Konfig Tool

Reset Maintenance and Service date is also possible with KonfigTool.

Open KonfigTool-> Machine configuration-> Adjustments-> Service Date



click here, to reset Service date

click here, to reset Maintenance date

# Service Maintenance 2 Milkpower

---

## Service Maintenance 2 for WMF bistro!

Service Maintenance 2 - 33.2809.4000 - after 24 months

Please refer to the WMF bistro! User Manual especially with regard to hazard notices and the Safety chapter.



Disconnect the machine from the power supply!



Precondition: Cover and rear cover removed, front panel opened.

Hint: Always lubricate the o-rings with o-ring grease before assembling!

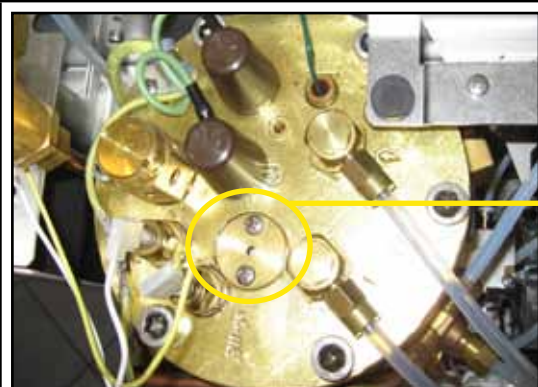


fig. 1: flange plate

<b>⚠ CAUTION</b>	
<b>⚠</b>	Hot steam.

- Exchange steam boiler vent valve.
- Open steam boiler and exchange o-rings if necessary (if necessary, descale steam boiler).

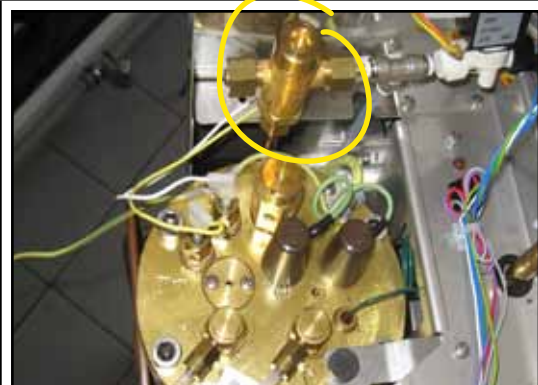


fig. 2:

- open sieve and exchange o-ring.
- clean sieve and descale if necessary.

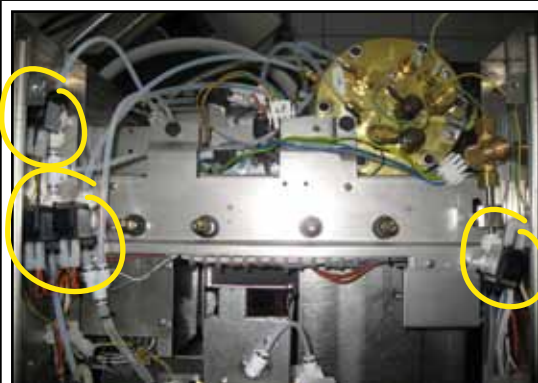


fig. 3: exchanging valves

- Exchange hot water valve, release valve and 2 steam dispensing valves.
- exchange plug-in connection behind cappuccino valve.
- exchange plug-in connection between steam valve and release valve.



fig. 4: descaling

- descale continuous heater.



see manual  
„descaling“

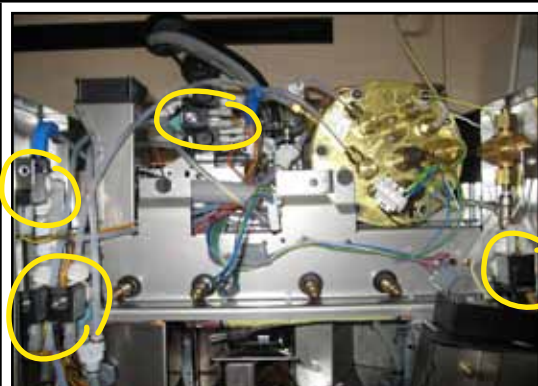


fig. 5a: option milkpower

- Hint for machines with milkpower
- machines with milkpower and steam contain 3 steam valves, 1 hot water valve and 1 release valve.



fig. 5b:

- the steam valve 33.2377.7000 has to be ordered seperately. Is not contained in maintenance kit!

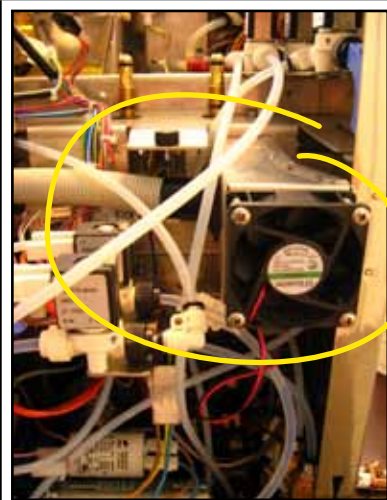
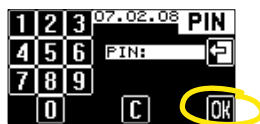
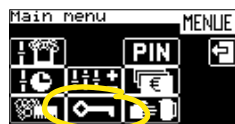


fig. 6: fan, cover fan and hose

- Exchange fan, cover fan and hose.

## Service routine exchanging battery



after PIN enter, confirm with „OK“.

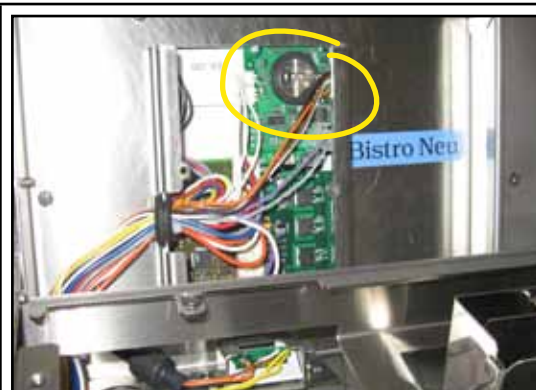
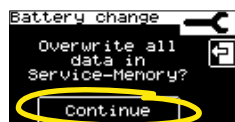
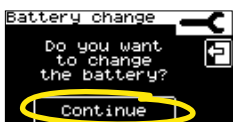
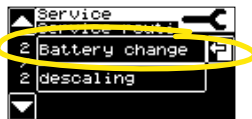
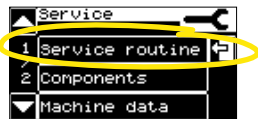


fig. 7:

- Exchange CPU battery.



## Service Maintenance 1 Milkpower



fig. 8: steam nozzle

Exchange steam nozzle

- exchange steam nozzle.



fig. 9: disassemble brewer

Disassemble brewer

- loosen 2 screws from the metal sheet and take it out leftwards.
- remove the grinders.



fig. 10:

- remove insertion unit.
- remove both hoses and exchange the plug-in connections.

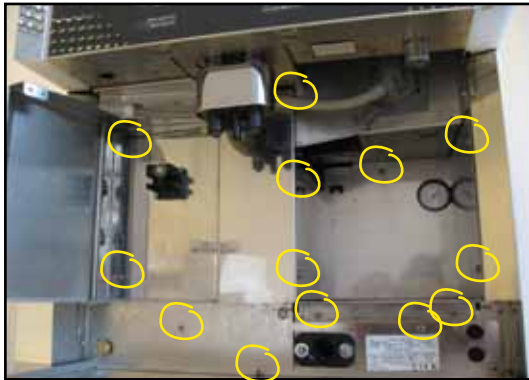


fig. 11:

- loosen the screws from the covers.
- remove metal cover, grounds container housing and drip tray angle.

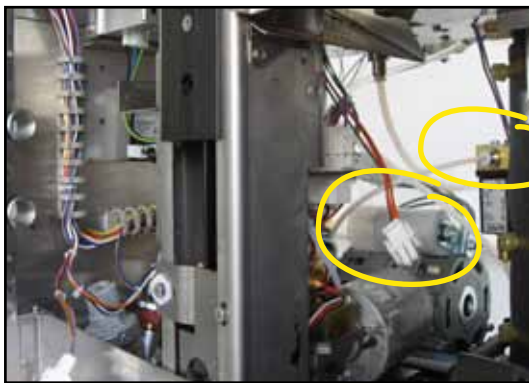


fig. 12:

- disconnect hose from brewing valve and disassemble brewing valve.
- disconnect and disassemble brewer.



fig. 13:

- take out the 2 square head screws from upside the brewer.



fig. 14:

- disassemble brewer upper part.
- disassemble brewing cylinder.



fig. 15: disassemble brewing cylinder

## Brewing cylinder

- disassemble parts of the brewing cylinder and spring clean with WMF cleaning powder. Then rinse with clear water.
- Exchange all o-rings and gaskets.



fig. 16:

- assemble gaskets (see fig. 9).
- if damaged, exchange brewing sieve.



fig. 17: assemble wiper

## Assemble wiper

Keep a gap of 0,3 mm - 0,5 mm between wiper and the brewing cylinder while assembling.



fig. 18: disassemble brewer upper part

## Brewer upper part

- disassemble all parts and spring clean with WMF cleaning powder. Then rinse with clear water.
- exchange o-rings and gaskets.
- exchange brewing sieve if damaged.



fig. 19: assemble gaskets

- assemble gaskets (see fig. 12).

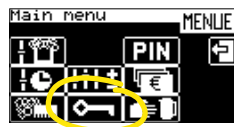


### Brewing valve

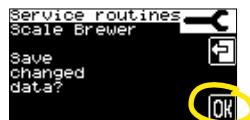
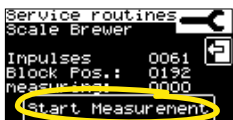
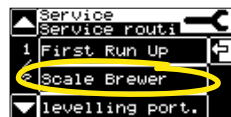
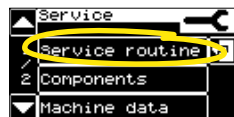
- disassemble, spring clean and descale if necessary. Then rinse with clear water.
- exchange plunger, gaskets and the plug-in connection.

After maintenance, assemble again all parts and calibrate brewer.

### Calibration brewer



After PIN enter, confirm with „OK“.



confirm with „OK“.

# Service Coffee Machines

## Reset Maintenance

To clear the counter after maintenance

The procedure for resetting maintenance is shown in a 3x3 grid of screenshots:

- Top-left:** Home screen with a coffee cup icon and a circled "MENUE" button.
- Top-middle:** "Main menu" screen with a circled "PIN" button.
- Top-right:** PIN entry screen with "07.02.08" and "PIN:" labels, and a circled "OK" button.
- Middle-left:** "Main menu" screen with a circled "PIN" button.
- Middle-middle:** "Service" menu with options: "1 Service routine", "2 Components", and "3 Machine data" (circled).
- Middle-right:** "Service" menu with options: "1 Counter", "2 Service date", and "3 Cleaning" (circled).
- Bottom-left:** "Machine data" menu with options: "1 Brewing", "2 Operating time", and "3 Maintenance" (circled).
- Bottom-middle:** "Counter" menu with options: "1 Maintenance", "2 Customer checkup", and "3 ServiceMainten1" (circled).
- Bottom-right:** "Maintenance" screen with "ServiceMainten2" and "Maintenance performed?" (circled), and a circled "OK" button.

After PIN enter confirm with „OK“.

confirm with „OK“.

## Reset Service Date

To clear all error messages and cleaning cycles counter.

The procedure for resetting the service date is shown in a 3x3 grid of screenshots:

- Top-left:** Home screen with a coffee cup icon and a circled "MENUE" button.
- Top-middle:** "Main menu" screen with a circled "PIN" button.
- Top-right:** PIN entry screen with "07.02.08" and "PIN:" labels, and a circled "OK" button.
- Middle-left:** "Main menu" screen with a circled "PIN" button.
- Middle-middle:** "Service" menu with options: "1 Service routine", "2 Components", and "3 Machine data" (circled).
- Middle-right:** "Service" menu with options: "1 Counter", "2 Service date", and "3 Cleaning" (circled).
- Bottom-left:** "Machine data" menu with "Service date" selected, showing "Actual Date: 01.09.08" and "Enter new?" (circled).
- Bottom-middle:** "Service date" screen with "Error list and FIFO Erase?" (circled).
- Bottom-right:** "Service date" screen with "01.09.2008" (circled) and a circled "OK" button.

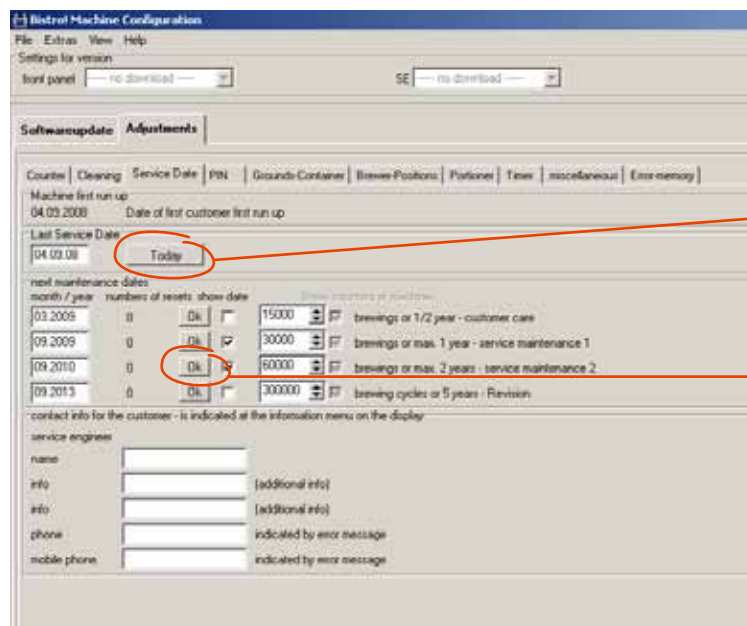
After PIN enter confirm with „OK“.

confirm with „OK“.

## Konfig Tool

Reset Maintenance and Service date is also possible with KonfigTool.

Open KonfigTool-> Machine configuration-> Adjustments-> Service Date



click here, to reset Service date

click here, to reset Maintenance date