

BES980 the Oracle

Firmware Upgrade

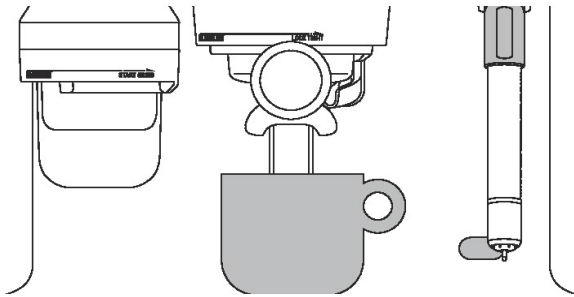
Your BES980 the Oracle espresso machine has been upgraded to the latest firmware revision as part of our ongoing product improvement program. Listed below features are upgrades.

1. LONG BLACK

PRESET LONG BLACK

There are 3 preset Long Black settings – small, medium and large. To use one of these settings:

1. Fill the portafilter using the auto grind, dose & tamp function.
2. Insert the portafilter into the group head.
3. Position your cup so the portafilter spouts and hot water outlet are directed inside the cup.



4. Rotate the LONG BLACK dial to the desired cup size.

PRESET CUP SIZE	AMOUNT BREWED
Small	Approx. 180ml
Medium	Approx. 240ml
Large	Approx. 355ml

The brewed amounts are approximate only. Actual amounts may vary due to the coffee bean roast, blend and freshness as well as the selected grind size. These factors affect extraction rate and shot volume.

5. To start extraction, press the LONG BLACK dial. Espresso will extract from the portafilter spouts, followed by hot water from the hot water outlet.

NOTE

To override the setting during operation, press the LONG BLACK dial. Pressing the LONG BLACK dial during the espresso extraction will stop the flow of espresso and start the flow of hot water. Pressing the LONG BLACK dial during the hot water delivery will stop the flow of hot water.

TIP

If the preset Long Black settings do not suit your cup size or strength preferences, there are 6 custom Long Black settings for you to program. Once programmed, your custom setting will appear after the 3 preset settings. Refer to 'Long Black Adjust - Programming Custom Settings',

MANUAL LONG BLACK

This allows you total control over the Long Black process: pre-infusion duration, espresso volume and hot water volume. During manual Long Black mode, the LCD will show a moving cup icon.

Press and hold LONG BLACK dial to activate pre-infusion. Release LONG BLACK dial to commence espresso pour.

Press the LONG BLACK dial to stop espresso pour and commence hot water pour.

Press the LONG BLACK dial again to stop the pour of hot water.

TIP

You can conduct a manual Long Black extraction each time, or program this as a custom setting. Once programmed, your custom setting will appear after the 3 preset settings. Refer to 'Long Black Adjust - Programming Custom Settings',

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LONG BLACK ADJUST - PROGRAMMING CUSTOM SETTINGS

There are 6 custom Long Black settings for you to program to suit your cup size and strength preferences. To program your custom setting:

1. Fill the portafilter using the auto grind, dose & tamp function.
2. Insert the portafilter into the group head.
3. Position your cup so the portafilter spouts and hot water outlet are directed inside the cup.
4. Press the MENU button. Rotate the SELECT dial to 'LONG BLACK ADJUST' then press the SELECT dial.



5. Rotate the SELECT dial to the custom setting you'd like to program - 'Set 1' to 'Set 6'. Settings that have already been programmed will display a cup icon.



NOT PROGRAMMED



PROGRAMMED

6. To start programming, press the SELECT dial. The LCD will show a moving cup icon and espresso will extract from the portafilter spouts. When the required amount has been extracted, press the SELECT dial to stop the flow of espresso and start the flow of hot water. When the required amount of water has poured, press the SELECT dial to stop the flow of hot water. The LCD will show a cup icon and the machine will beep to confirm your custom Long Black setting has been programmed.



PROGRAMMED

7. To use your custom Long Black setting, rotate the LONG BLACK dial. Your programmed custom Long Black setting will appear after the preset small, medium and large settings. Press the LONG BLACK dial and your programmed Long Black setting will dispense.

NOTE

Custom Long Black settings can be reprogrammed by following steps 1-6.

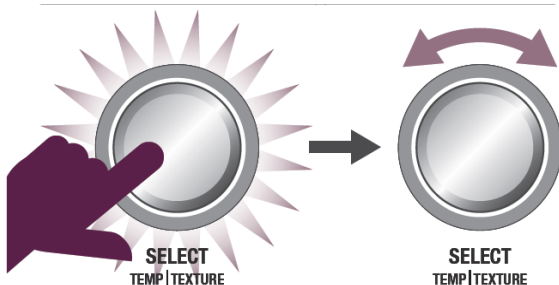
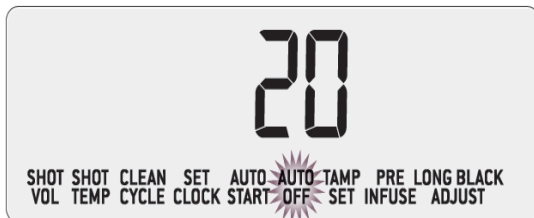
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2. AUTO OFF

This function sets how long the machine will stay turned on before it automatically turns off. It can be set for 5 mins, 10mins or 20mins until Auto Off activates.

While 'AUTO OFF' is displayed on the LCD, press the SELECT dial. Turn the SELECT dial to the desired time then press SELECT dial to set. Machine will beep once to confirm selection.

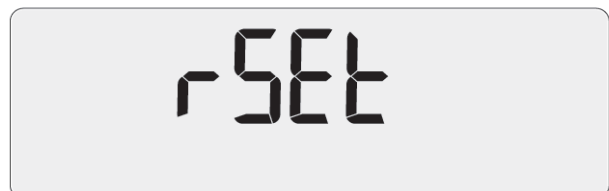


3. DESCALE

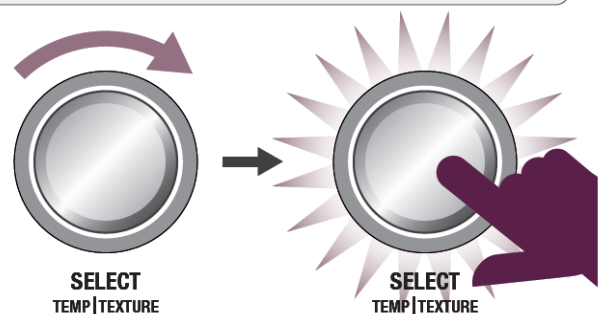
Use this function to access descale procedures as displayed on the LCD. Please ensure you allow approximately 1 hour to complete the entire descale process and follow the step by step instructions promptly.

1 – Prepare for Descale

- Empty the drip tray and insert into position.
- Turn the machine off and allow to cool for at least 1 hour. With the machine off, press and hold the 1 CUP button, then press and hold the POWER button together for 3 seconds. rSEt will appear on the LCD.



- Rotate SELECT dial to 'dESc' then press SELECT dial.

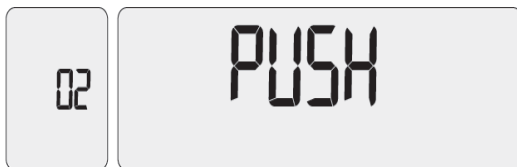


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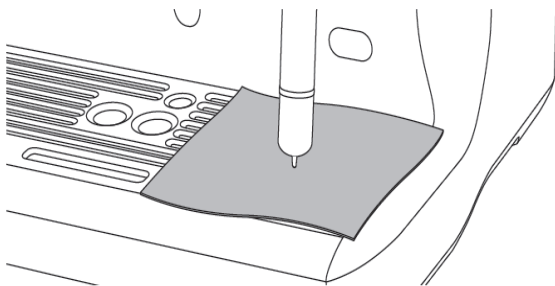
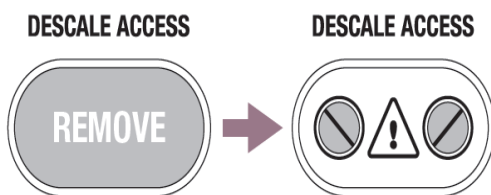
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2 – Empty Boilers

During this procedure, the grind LCD will display '02' and the main LCD will display 'PUSH'.



- a) Remove the grey silicone cover on the lower front panel marked DESCALE ACCESS. Place a cloth over the drip tray to stop steam escaping.



- b) Use a flat-head screwdriver to rotate the right screw counter-clockwise until the valve is fully open. As the valve opens, steam may be released. When the water is completely empty, close the valve by rotating screws clock-wise until seated. Do not overtighten screws to avoid damages to the valves.

DESCALE ACCESS



- c) Next, repeat the above process on the left screw. As the valve is opened, water may begin flowing into the drip tray. When the water is completely empty, close the valve by rotating screws clock-wise until seated. Do not overtighten screws to avoid damages to the valves.
- d) Empty the drip tray. Use caution as the drip tray may be hot due to the water and steam released from the boilers.
- e) Empty water tank, remove water filter.
- f) Place descale solution into water tank, fill with cold water to MAX line, (if an alternative cleaning solution is used, please follow the manufacturer's instructions accordingly). Lock water tank back into position at the back of the machine.

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NOTE

If water tank has not been removed, replaced or is empty, water tank LED will flash 5 times, the machine will beep 3 times and 'FILL TANK' will be displayed on the LCD.

- g) Press SELECT dial to begin Descale. The LCD screen will show countdown time.

A rectangular LCD screen with a light gray background, displaying the number '20' in a large, black, digital font.

NOTE

If boilers are not empty, the machine will beep 3 times, 'vALv' will display on the LCD and the 1 Cup button is illuminated. Press the 1 Cup button.

3 – Begin Descale

The grind LCD will display '03'.

- a) 20 minute timer will begin. Machine will fill boilers with descale solution and heat to temperature. During this time, water may flow through the group head. Wait for countdown timer to reach 0. This allows solution to dissolve scale build-up.

A small rectangular LCD screen with a light gray background, displaying the number '03' in a black, digital font.A larger rectangular LCD screen with a light gray background, displaying the number '20' in a large, black, digital font.

Step 4 – Empty Descale Solution

During this procedure, the grind LCD will display '04' and the main LCD will display 'PUSH'.

A small rectangular LCD screen with a light gray background, displaying the number '04' in a black, digital font.A larger rectangular LCD screen with a light gray background, displaying the word 'PUSH' in a large, black, digital font.

- b) Empty water tank then rinse and fill with clean water to the MAX line. Replace and lock water tank back into position at the back of the machine.
- c) Place a cloth over the drip tray to stop steam escaping.

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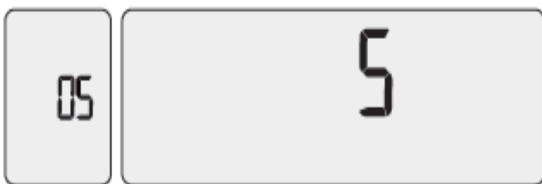
- d) Repeat steps 2b) - d)
- e) Press SELECT dial to proceed to the next step.

NOTE

If boilers are not empty, the machine will beep 3 times, 'vALv' will display on the LCD and the 1 Cup button is illuminated. Press the 1 Cup button.

5 – Fill Boilers

During this procedure, the grind LCD will display '05'.

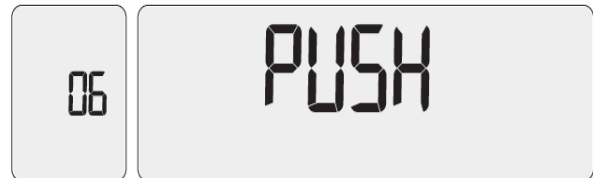


- a) 5 minute timer will begin. During this time, water may flow through the group head. Wait for countdown timer to reach 0. This allows any remaining solution to be removed from system.



6 – Flush Boilers

During this procedure, the grind LCD will display '06' and the main LCD will display 'PUSH'.



- a) Empty and rinse water tank. Assemble new water filter into tank.
- b) Fill water tank with cold water to MAX line. Replace and lock water tank back into position at the back of the machine.
- c) Ensure drip tray is empty and fully inserted into position.
- d) Place a cloth over the drip tray to stop steam escaping.
- e) Repeat steps 2b) - d)
- f) Press SELECT dial to complete descale procedure. Machine will heat up and is ready to use once operating temperature (STANDBY mode) is reached.

NOTE

If boilers are not empty, the machine will beep 3 times, 'vALv' will display on the LCD and the 1 Cup button is illuminated. Press the 1 Cup button.