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Chaff, filters and cleaning

Daily and weekly owner cleaning from the public Shop Roaster and Series 2 articles, including the cooling tray and the chaff cyclone.

Series 2 Daily Maintenance Tasks

Source: Bellwether Coffee, https://help.bellwethercoffee.com/roaster-maintenance-tasks. Reproduced for owners; © Bellwether Coffee Co.

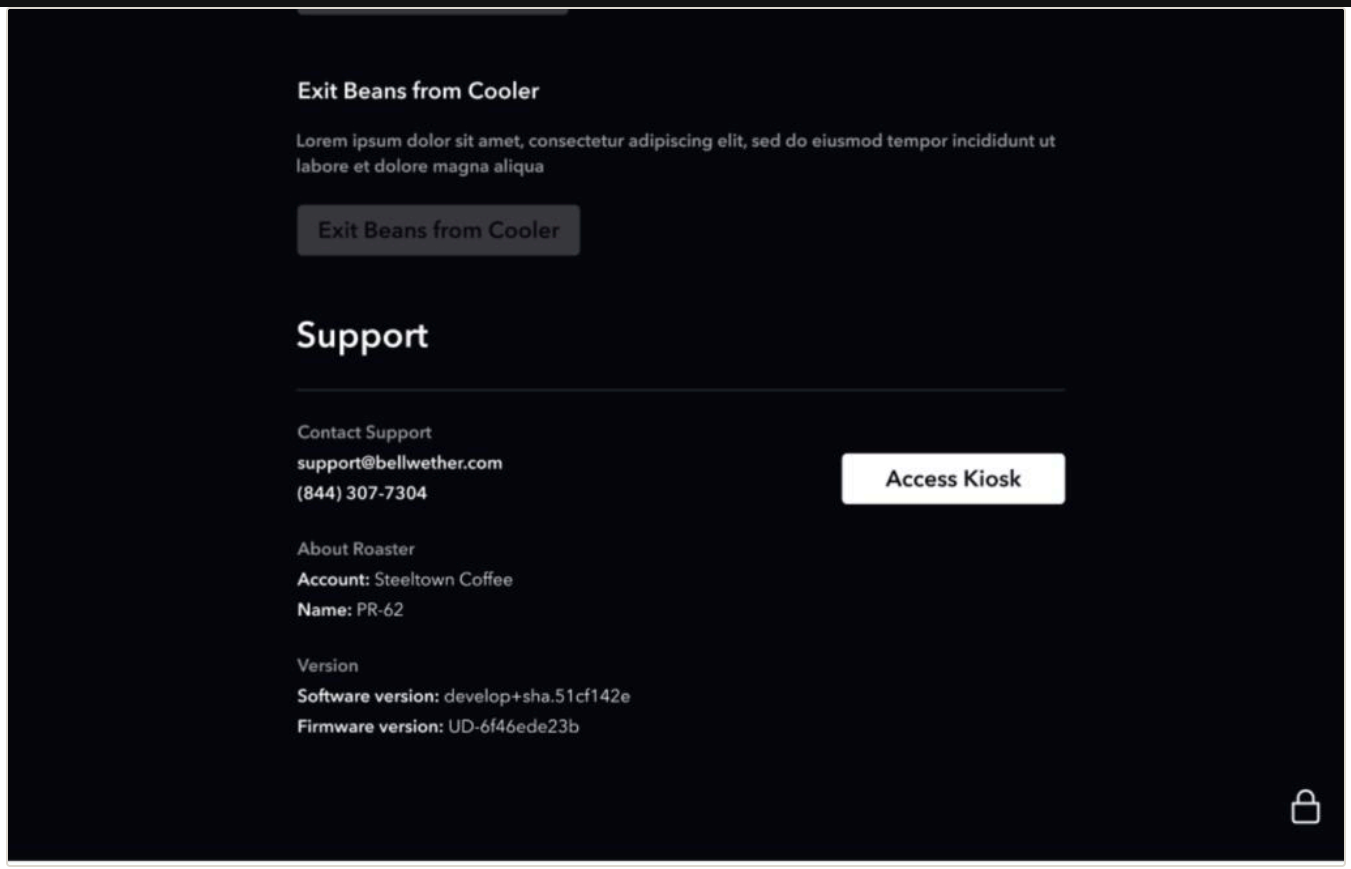
Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

The following three physical maintenance tasks are required to ensure the health and optimal performance of your Series 2 Bellwether Roaster.

Empty the Chaff Can

The chaff can is located in the left maintenance cubby, at the bottom of the device. Every six roasts, the following process will need to be performed:

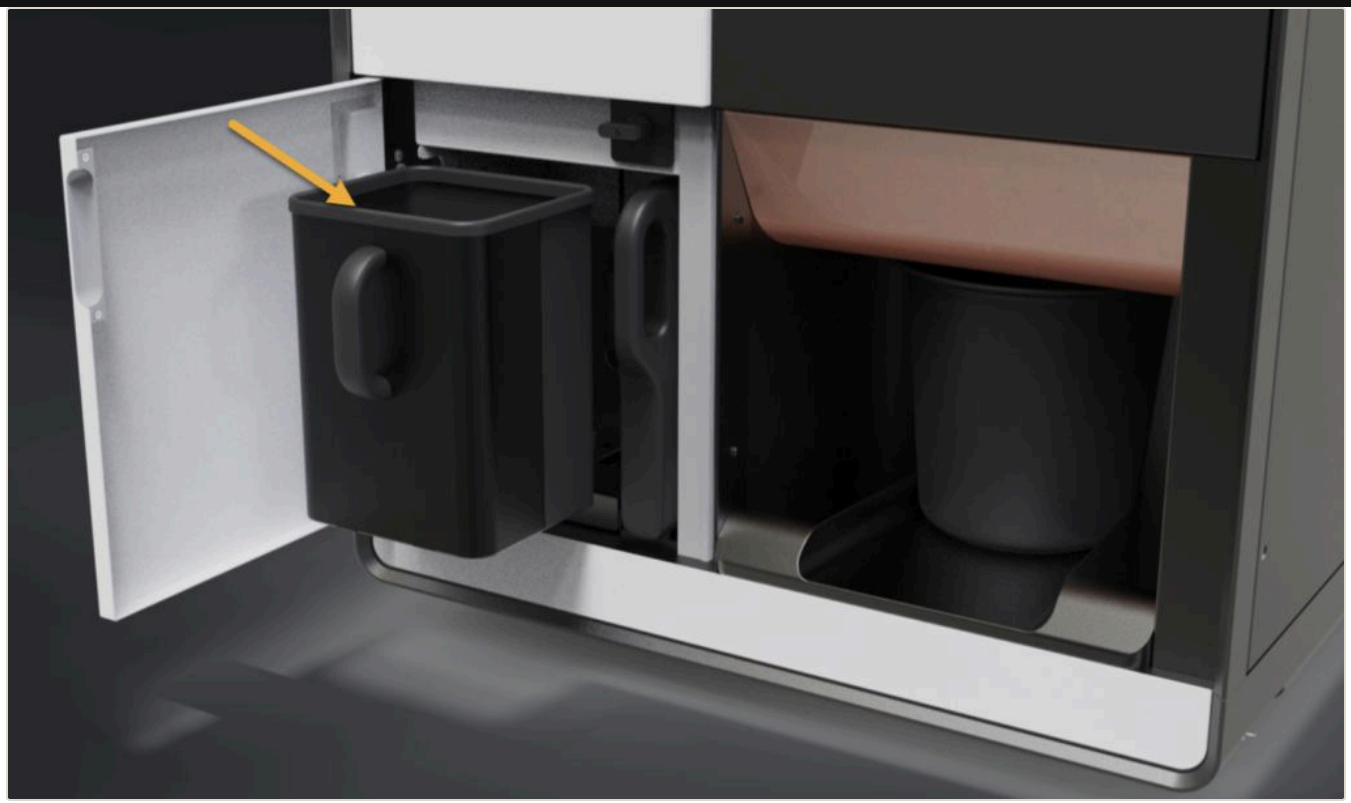
1. Open the left maintenance cubby, and remove the Chaff can.
2. Empty contents into your compost bin.
3. Insert back into place, and close the left maintenance cubby.



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

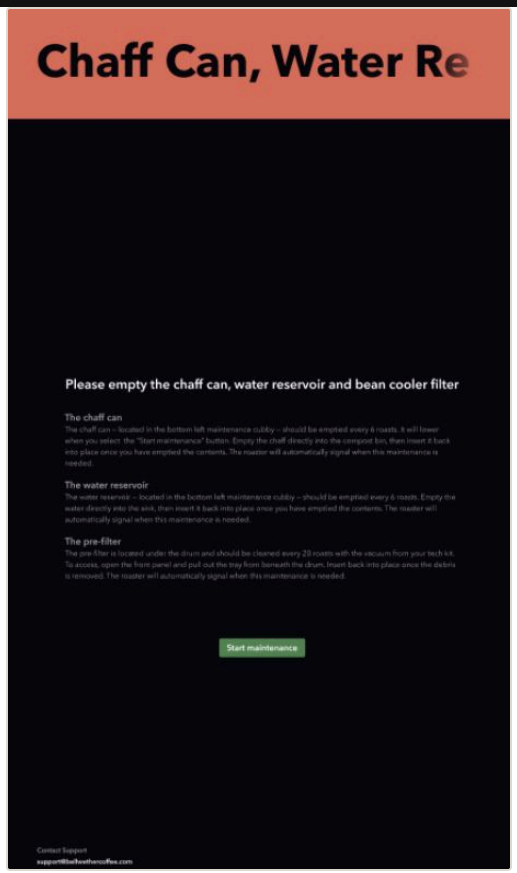
On the Roaster

The Roaster device will alert you when this action is required (every sixth Roast) with the following alert:



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

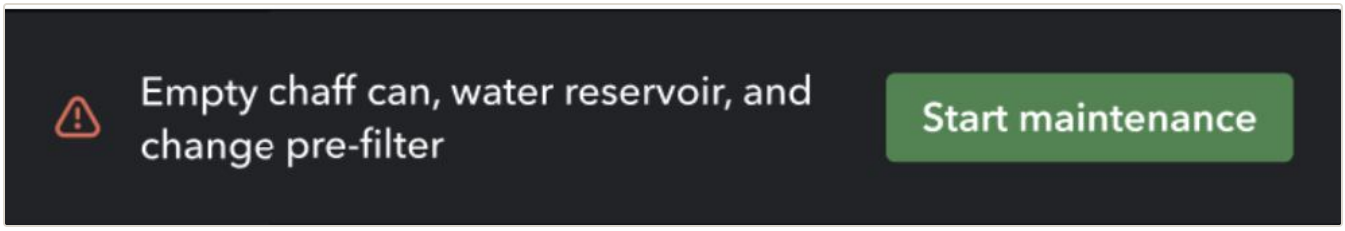
Alternatively, if you know the maintenance window is coming up, you can open the help menu, and you will see the following alert in the help tab as the counter approaches its limit:



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

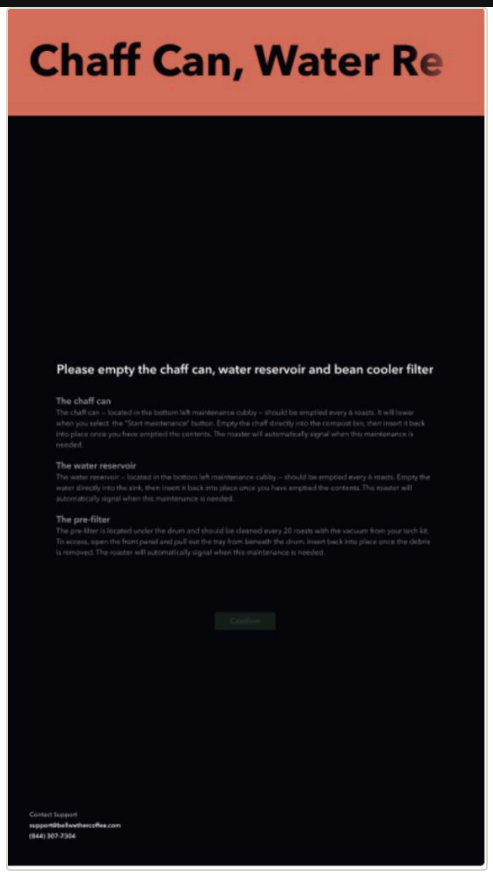
Click **Start Maintenance.**

As you perform the tasks (pulling out the components and replacing as directed above) you will note that the Maintenance Alert screen is changed, with a greyed-out confirm button at the bottom.



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

Once the tasks are completed, and the Roaster recognizes that the components are replaced, the Confirm button will appear. Click **Confirm**, and return the roaster to a ready status.

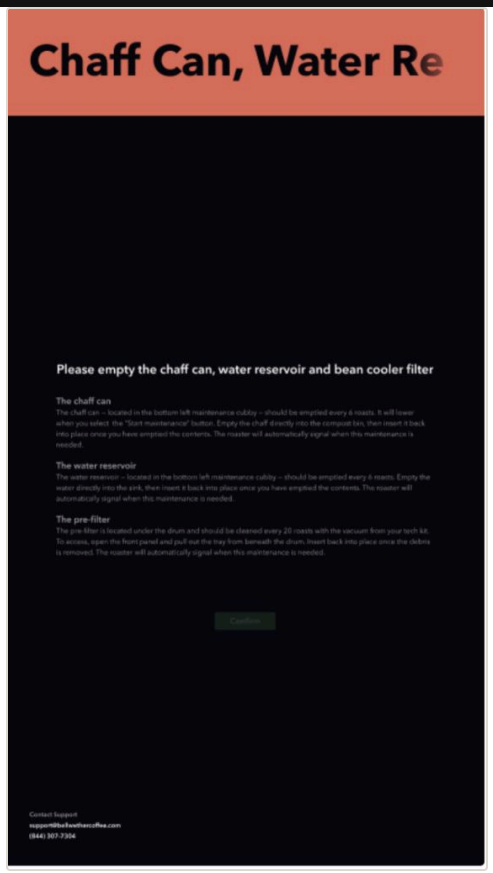


Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

Empty Water Reservoir

The Water reservoir is located at the bottom of the Roaster device in the right maintenance hatch, below the Pre-filter (to be covered in the section to follow). As with the Chaff can, this maintenance task is required every 6 roasts.

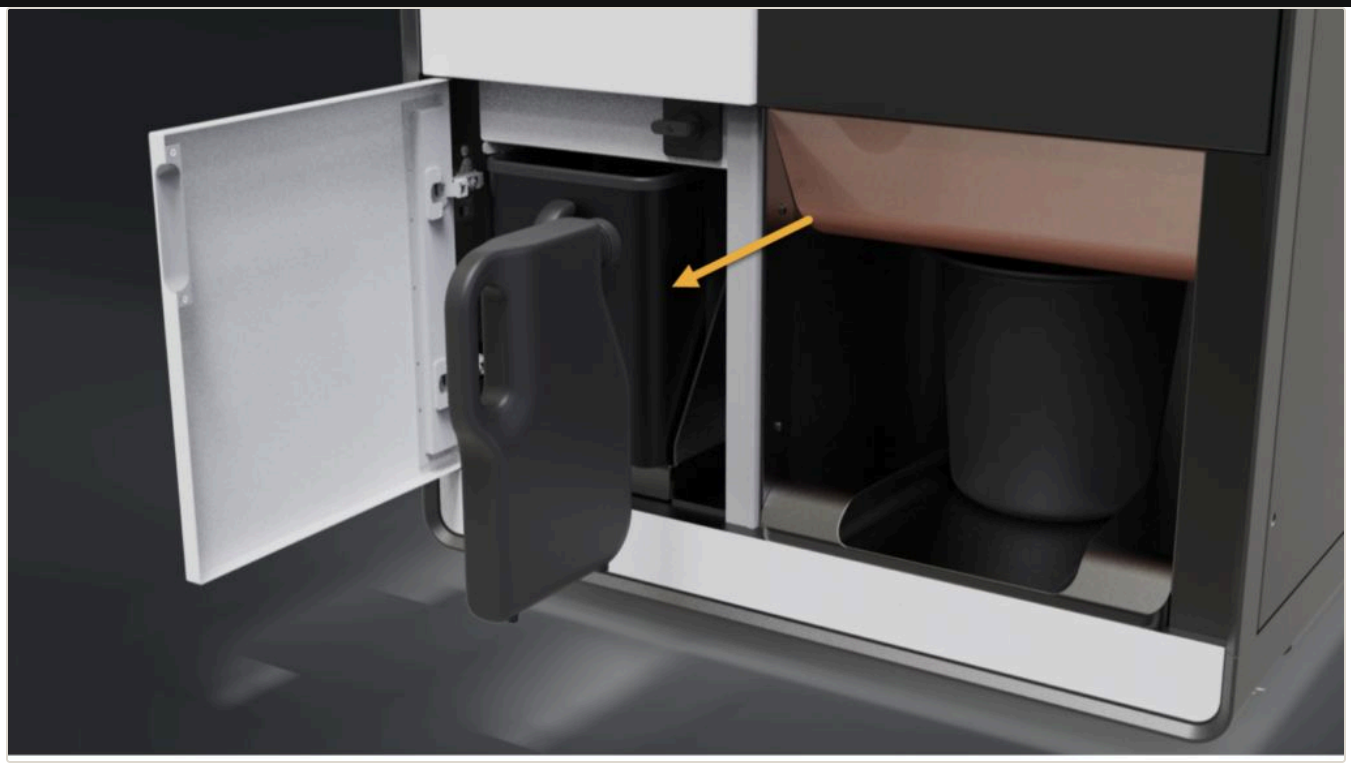
1. Open the right maintenance cubby, and remove the Water Reservoir.
2. Empty the tray directly into the sink.
3. Replace the Water Reservoir, and close the door.



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

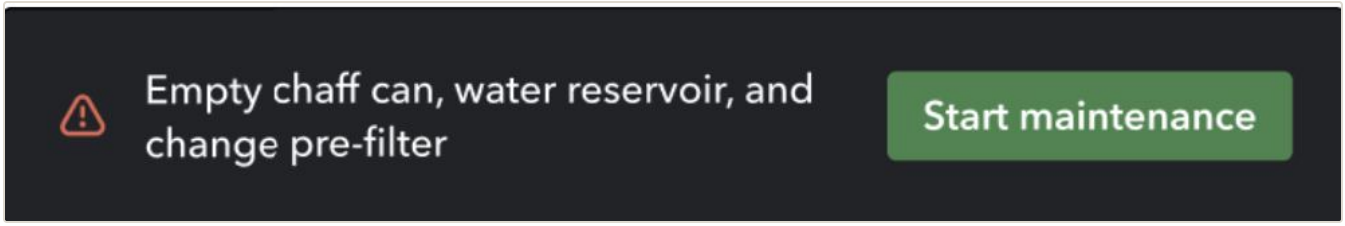
On the Roaster

The Roaster device will alert you when this action is required (every sixth Roast) with the following alert:



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

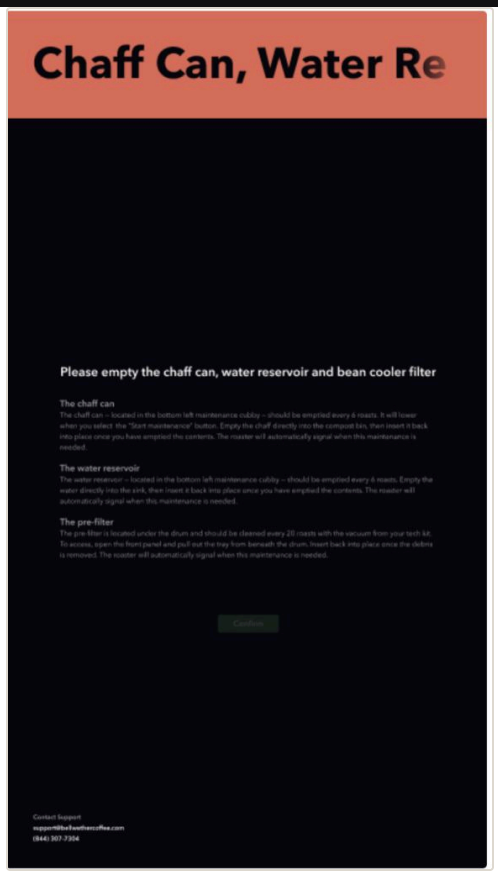
Alternatively, if you know the maintenance window is coming up, you can open the help menu, and you will see the following alert in the help tab as the counter approaches its limit:



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

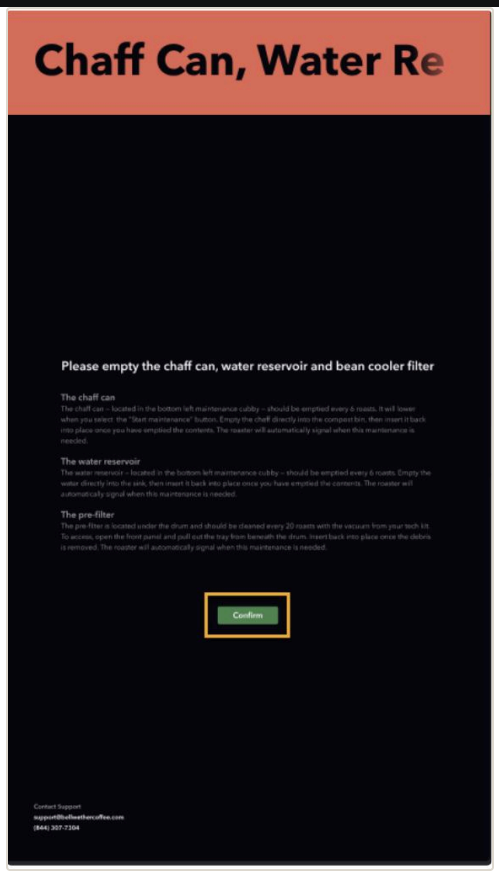
Click **Start Maintenance.**

As you perform the tasks (pulling out the components and replacing as directed above) you will note that the Maintenance Alert screen is changed, with a greyed-out confirm button at the bottom.



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

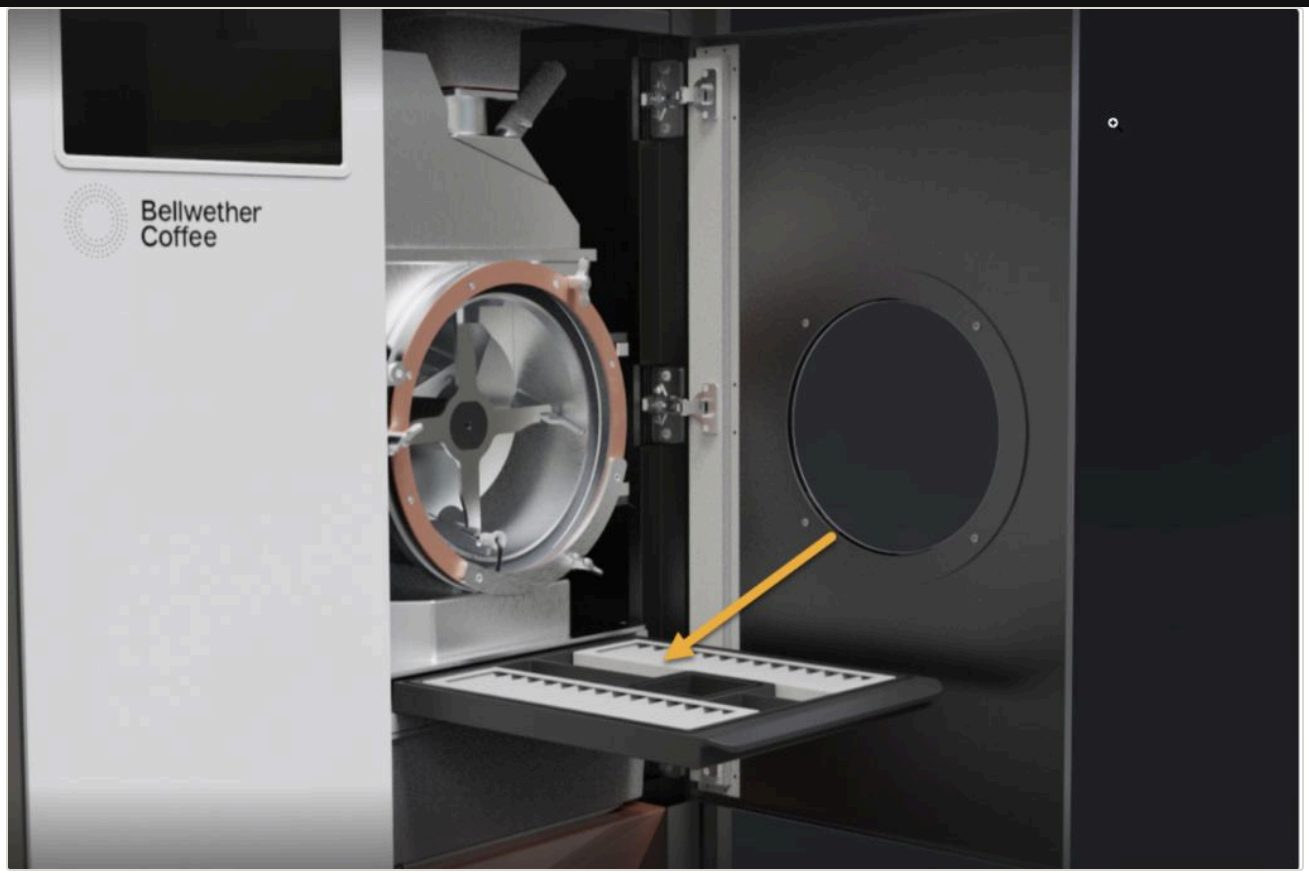
Once the tasks are completed, and the Roaster recognizes that the components are replaced, the Confirm button will appear. Click **Confirm**, and return the roaster to a ready status.



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

Clean Pre-Filter Canister

The pre-filter is located in the right maintenance hatch under the drum and should be cleaned with a shop-vac every 20-24 roasts.

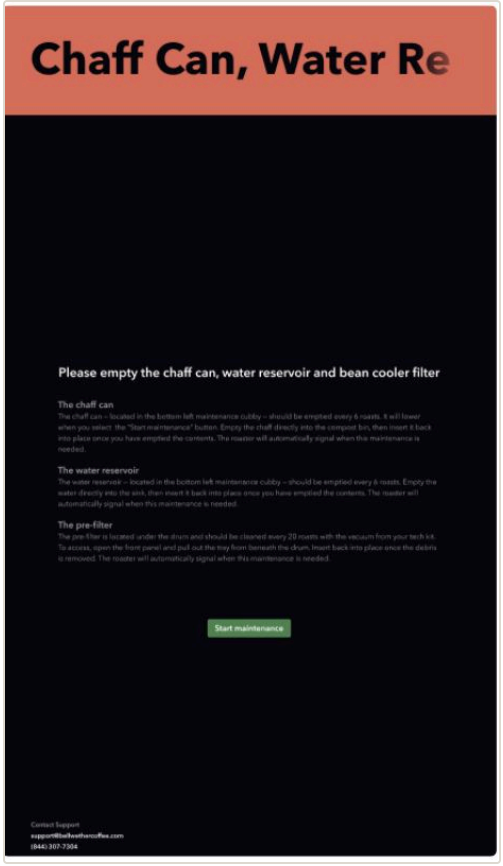


Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

1. Open the front panel.
2. Pull out the tray from beneath the drum.
3. Vacuum the debris from the tray.
4. Once the tray is clear of debris, insert the tray back into place and close the panel.

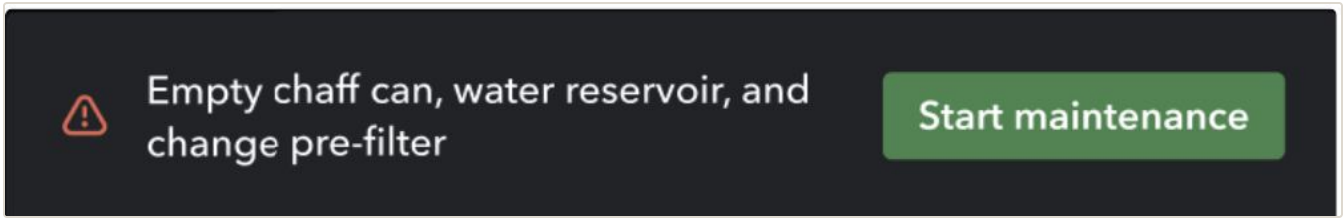
On the Roaster

The Roaster device will alert you when this action is required (every sixth Roast) with the following alert:



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

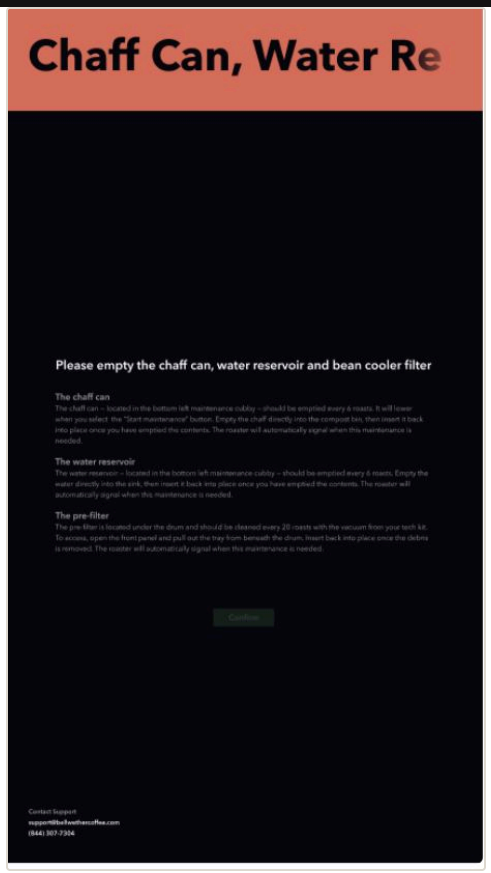
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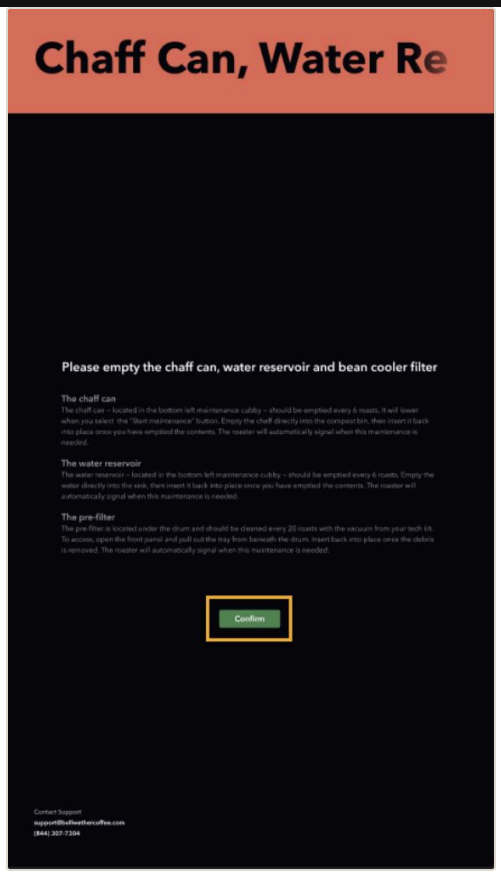
Click **Start Maintenance.**

As you perform the tasks (pulling out the components and replacing as directed above) you will note that the Maintenance Alert screen is changed, with a greyed-out confirm button at the bottom.



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

Once the tasks are completed, and the Roaster recognizes that the components are replaced, the Confirm button will appear. Click **Confirm**, and return the roaster to a ready status.



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Shop Roaster: Daily Maintenance

Source: Bellwether Coffee, https://help.bellwethercoffee.com/shop-roaster-daily-maintenance. Reproduced for owners; © Bellwether Coffee Co.

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Conduct these tasks when prompted during roasting every day.

Every 3 roasts (Countertop) or 13 roasts (Continuous) we must empty the Chaff, Water, and vacuum the Prefilters.

- *For Countertop:*
    - Remove the Chaff/Water Collector by twisting it to the left. The container will drop down and can be removed. Empty the water into a drain by tilting slightly over a drain. Then, fully invert the container over a trash bin to dispose of the chaff. Lock the container back into the roaster by raising it into the machine with the handle slightly to the left and then rotating to the right to lock into place. You should see a gap beneath the Chaff/Water Collector when it’s correctly in place.



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![Screenshot 2025-07-16 at 11.47.01 AM](/guide-media/shop-roas
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Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

- *For Continuous Roasting:*
    - Pull the lockbar outward to release the Chaff/Water Collector. The entire handled tray will pull out. The chaff and water collect in separate containers that each pull out from the larger tray. Empty both compartments and then reinsert the bins into the handled tray and then push the tray back into machine and push lockbar back in to secure. If the seal does not feel secure, add a spacer beneath the chaff container inside of the handle tray.



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- Remove the two Prefilters from the machine (located beneath the roasting drum). Thoroughly vacuum off both sides of the prefilters and reinsert into machine.



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Video: watch it on the original article (https://help.bellwethercoffee.com/shop-roaster-daily-maintenance).

Shop Roaster: Vacuuming Above The Cooling Tray

Source: Bellwether Coffee, https://help.bellwethercoffee.com/shop-roaster-vacuuming-above-the-cooling-tray. Reproduced for owners; © Bellwether Coffee Co.

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Video: watch it on the original article (https://help.bellwethercoffee.com/shop-roaster-vacuuming-above-the-cooling-tray).

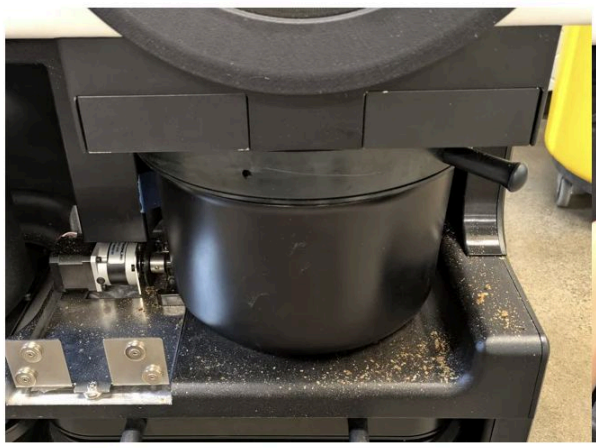
No Parts Required.

Tools Required:

- Shop Vacuum

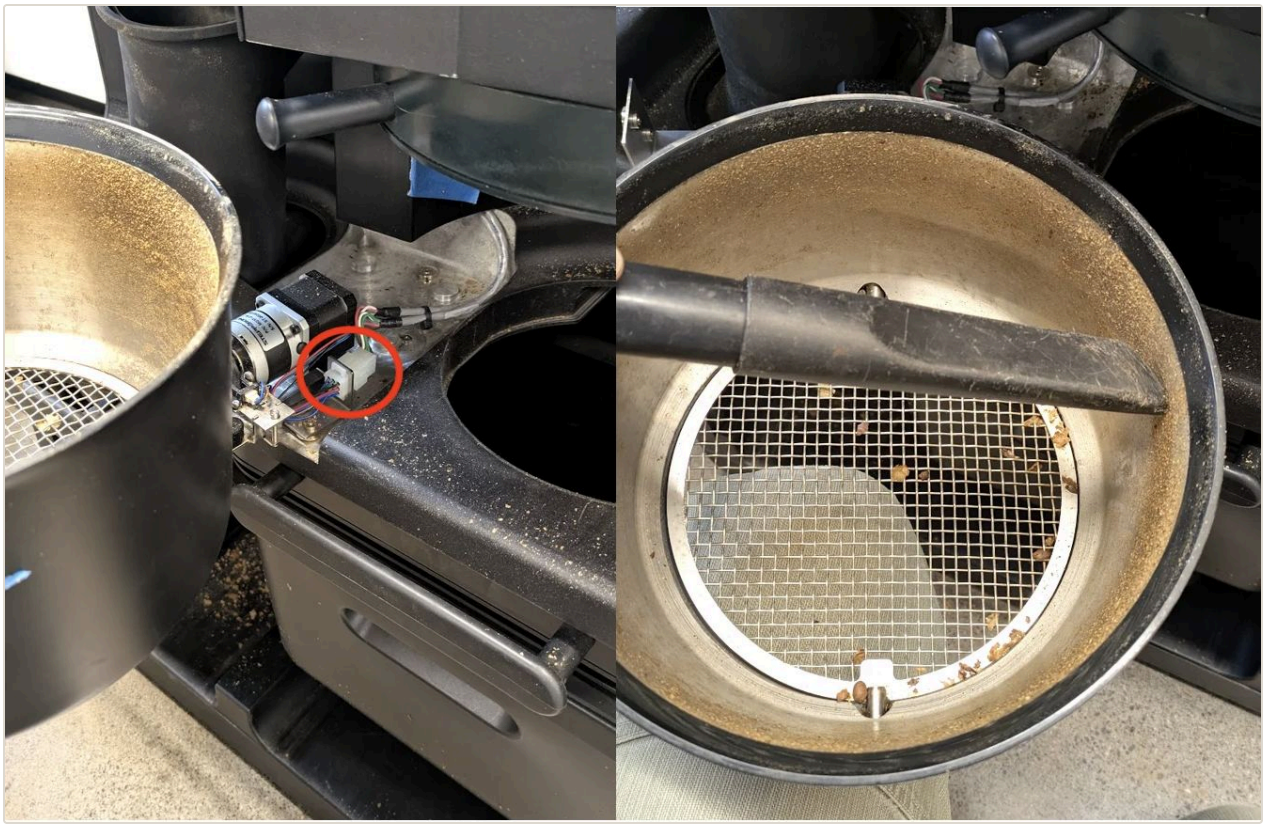
Process

1. A. *Countertop:* Remove the Bean Cooler and Prefilters from the unit.
   B. *Continuous:* Remove the Valence and Prefilters. Either disconnect the Autobucket and set aside or position in a way that the base is supported while having access above.



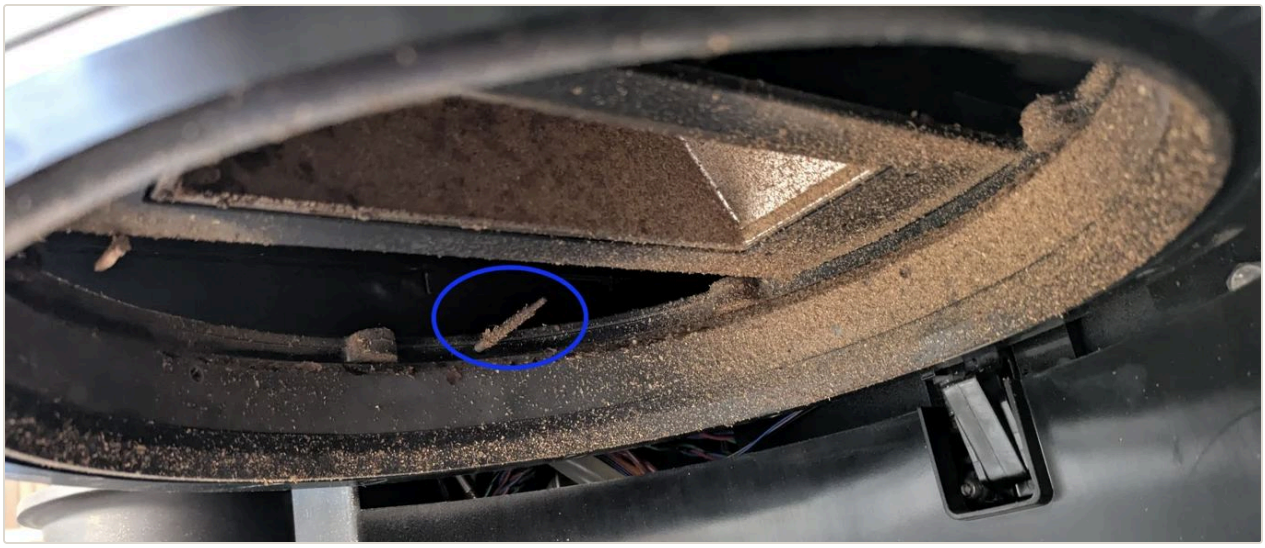

Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

2. Vacuum the internal area of the Bean Cooler.



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

3. Vacuum the area above the Bean Cooler inside of the unit. Pay particular attention to the sealing surface and to the ducts that carry air to the Cooling Bricks at the rear. Be extremely careful not to damage the Bean Cooler Temperature Probe circled in blue in the image below:



Source: Bellwether Coffee, original article. Reproduced for owners; © Bellwether Coffee Co.

4. Now cleaned, refit all components.

Shop Roaster: Vacuuming The Chaff Cyclone & Chaff Tube

Source: Bellwether Coffee, https://help.bellwethercoffee.com/shop-roaster-vacuuming-the-chaff-cyclone-chaff-tube. Reproduced for owners; © Bellwether Coffee Co.

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No Parts Required.

Parts Required

- Shop Vacuum

Process:

Video: watch it on the original article (https://help.bellwethercoffee.com/shop-roaster-vacuuming-the-chaff-cyclone-chaff-tube).

If Countertop:

1. Remove the Chaff Can by rotating it to the left and lowering downward and out of the machine.
2. Vacuum the Chaff Can internals and above where it seals into the machine.
3. Replace the Chaff Can.

If Continuous:

1. Remove the Valence and the Chaff/Water Collector Tray. Vacuum the internals, above and below.
2. Vacuum the Chaff Tube that carries chaff from the Roaster into the Chaff/Water Collector. Take care not to get debris down the Water Collection receiver cup.
3. Vacuum up into the Separator/Cyclone.
4. Reassemble taking care to fully reseat the lip on the silicone boot on to the Chaff Connector.

Shop Roaster: Weekly Maintenance

Source: Bellwether Coffee, https://help.bellwethercoffee.com/shop-roaster-weekly-maintenance. Reproduced for owners; © Bellwether Coffee Co.

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Conduct these tasks once a week or as prompted.

No Parts Required.

Tools Required:

- Shop Vacuum
- Coffee Machine Cleaner, such as Cafiza.
- Accurate baking/coffee scale for up to 10lbs of weight.
- Container for soaking
- Container for green coffee

Process:

1. Soak Prefilters in Coffee Cleaner >>> LINK <<<

- Remove the two Prefilter mesh pieces from the bracket by pushing them upward on the side closest to the handles. Soak the two mesh pieces in a coffee cleaning solution (Cafiza, Joe Glo etc). Set aside to air dry. Once dry reassemble and then

refit into roaster.



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Video: watch it on the original article (https://help.bellwethercoffee.com/shop-roaster-weekly-maintenance).

2. Vacuum Above Cooling Tray

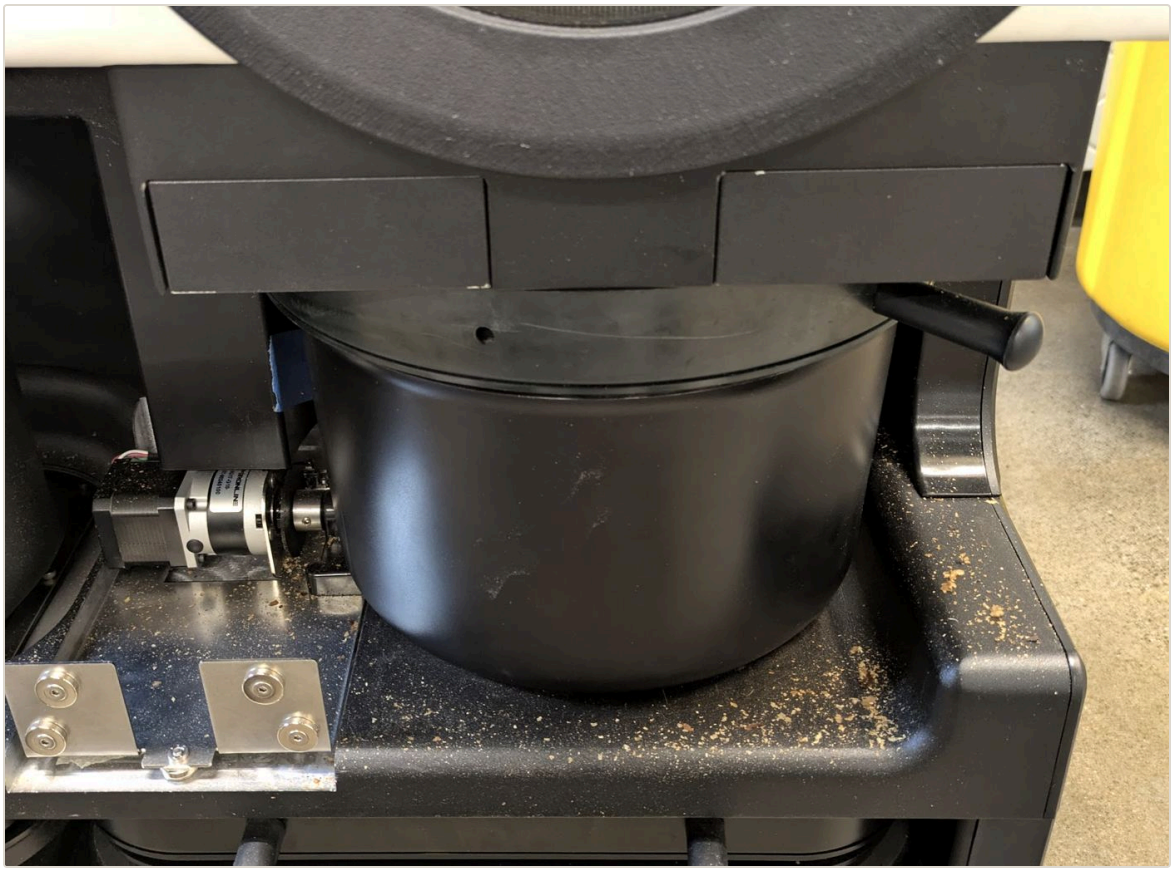
- If Countertop, simply release the Cooling Tray to remove. If Continuous Roasting, remove Valence to expose the Autobucket. Release the lock and gently disconnect the white connector circled below in red taking care not to tug on any of the wires. Remove the Prefilters from the machine if present. Vacuum the internal of the Cooling Tray or Autobucket and the area above where it usually sits inside of the machine. Take extreme caution not to damage the temperature probe circled in blue. You can wipe this probe down with a towel if necessary.

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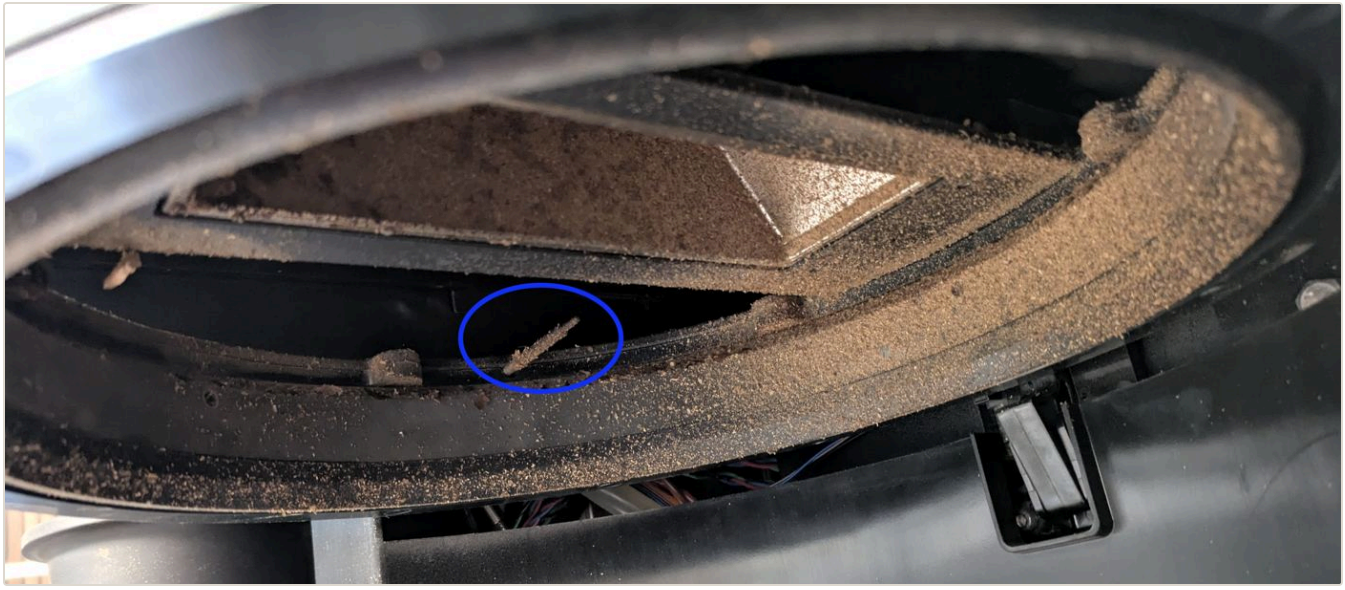
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Video: watch it on the original article (https://help.bellwethercoffee.com/shop-roaster-weekly-maintenance).

3. Vacuum Cyclone/Chaff Tube >>> LINK <<<

- *If Countertop:* Remove the chaff can and vacuum up into the chaff cyclone.



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- *If Continuous Roasting:* Place a towel into the water collection cup to prevent chaff from entering into the tube. Disconnect the connecting ring by rotating to the left. Vacuum up from the bottom of the tube, the top of the tube, and into the bottom of the cyclone to remove all debris. Reassemble and make sure that there are no leaks. **Important: When reinstalling the chaff collar and tube, make sure that the silicone is totally secured and the collar is tight so no air leaks are present.**



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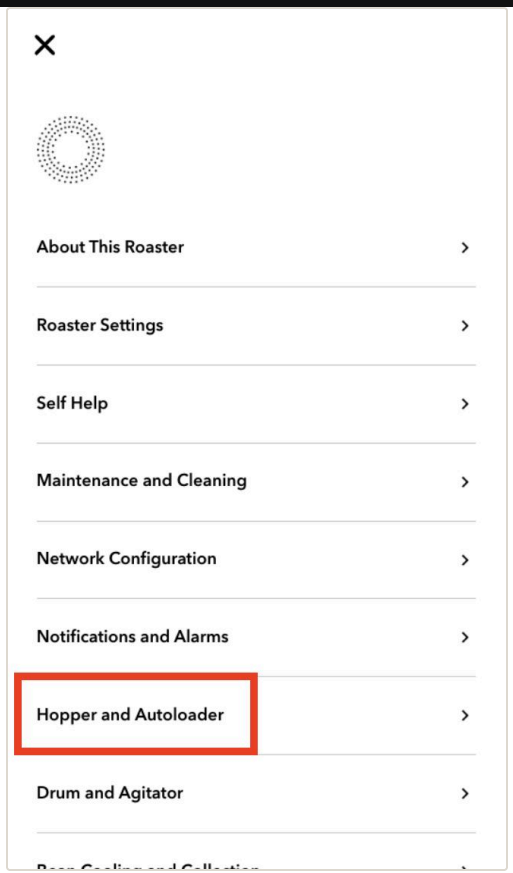


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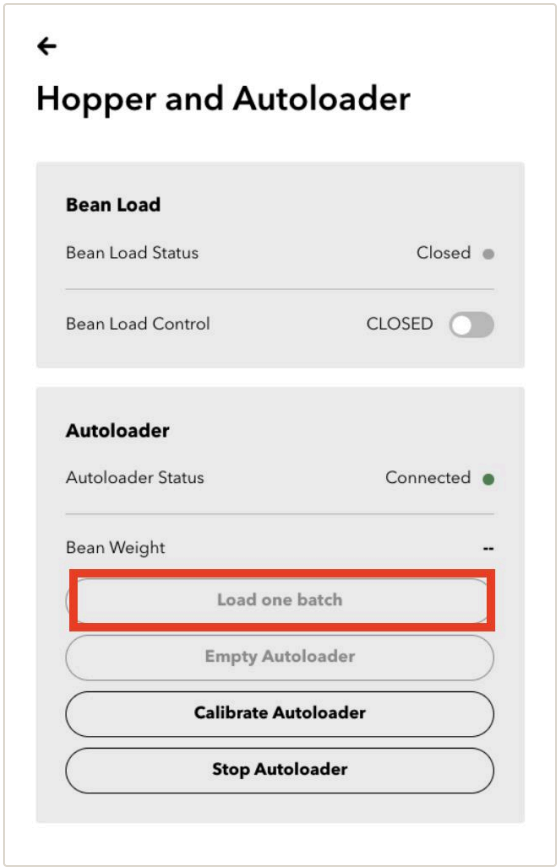
Video: watch it on the original article (https://help.bellwethercoffee.com/shop-roaster-weekly-maintenance).

4. Test Autoloader Dosing *(Continuous Roasting Only)***>>> LINK <<<**

- Enter the Tech Panel (PIN is 4377). Replace the copper Hopper with a bucket to catch the beans dispensed from the Autoloader. Use the button to “Load One Batch” and weigh the output. If there is a deviation over or under the desired batch size of 1.5kg (1500g), follow the guide for Autoload inspection and recalibration (LINK).



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