

Dual SH BrewWISE® Preventive Maintenance



In order to maintain proper operation and long service life BUNN recommends performing the preventive maintenance every 6 months. Individual customers will vary with some customers choosing not to receive preventive maintenance.

Tools Required:

- 2 Flat blade screwdrivers (1 small tip, 1 medium tip)
- Phillips screwdriver
- 2 adjustable wrenches
- Channel lock pliers
- Needle nose pliers
- Basin wrench Bunn PN: 01060.0000
- Deliming tool Bunn PN: 38227.0000

Prior to servicing the brewer:

- Disconnect the electrical supply
- Shut off the water supply
- Drain the water tank
- Remove the front panel
- Remove the top panel

PM Steps

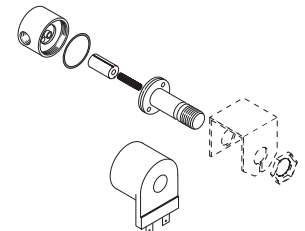
Step 1: Disassemble and clean the strainer assembly

- Using an adjustable wrench, loosen the flare nuts on the top and bottom of the strainer assembly
- Using two adjustable wrenches, disassemble the strainer
- Rinse and scrub the fine mesh screen to remove any mineral build-up
- Reassembly is the opposite of disassembly



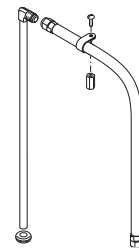
Step 2: Rebuild the fill solenoid- Skinner Valve (Note do not remove the valve from the machine)

- Using the basin wrench, remove the nut from the front of the valve
- Disconnect the electrical leads from the valve coil
- Remove the coil from the valve stem
- Using the basin wrench, unscrew the valve stem from the base
- Replace the valve plunger and spring using the rebuild kit Bunn P/N: 01111.0000
- Reassembly is the opposite of disassembly



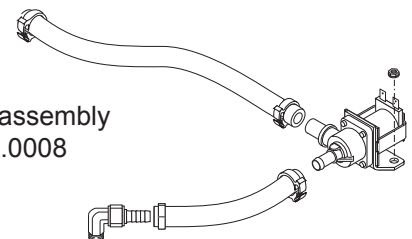
Step 3: Remove and clean the fill tube

- Using an adjustable wrench remove the tube fitting from the fill tube on top of the tank
- Gently pull the fill tube out of the top of the tank
- Wipe any mineral deposits from the exterior of the tube
- Clean any mineral deposits from the bottom of the tube
- Clean any obstructions from the interior of the tube
- Reinstallation is the opposite of removal



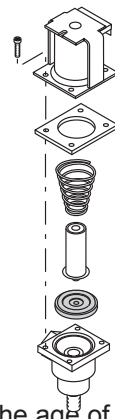
Step 4: Rebuild the by-pass solenoids

- Remove the hose clamps that secure the tubing to the valve
- Remove the two nuts that hold the solenoid bracket to the machine
- Gently remove the tubing from the valve body
- Using a flat blade screwdriver, remove the four screws and separate the valve assembly
- Replace plunger, spring, and rubber seat using the rebuild kit Bunn P/N: 11517.0008
- Clean any mineral build-up from the valve
- Reassembly is the opposite of disassembly



Step 5: Rebuild the dispense solenoids

- Disconnect the wire leads to the solenoid
- Unscrew the sprayhead from the bottom of the valve
- Remove the securing nut from the bottom of the valve
- Remove the clip from the tube on the valve fitting
- Remove the tube from the barbed fitting on the rear of the valve
- Remove the valve from the brewer
- Remove the four Phillips head screws and disassemble the valve
- Replace plunger, spring, and rubber seat using the rebuild kit Bunn P/N: 11517.0008
- Clean any mineral build-up from the valve
- Reassembly is the opposite of disassembly



Step 6: Clean the tank fittings that supply water to the solenoid valves (Note depending on the age of the brewer this will be either a single "T" connector or individual connectors for the dispense and bypass tubes.)

- Remove the clip from the end of tubes
- Gently remove the tubing from the tank fittings
- Use a screwdriver to remove and mineral build-up from the fittings
- Reattach the tubing and clips

Step 7: Remove and clean the temperature sensor

- Gently pull the temperature sensor from the grommet in the top of the tank
- Wipe any mineral build-up from the sensor
- Reinstallation is the opposite of removal

Step 8: Remove and clean the fill probe

- Gently pull the fill probe out of the grommet
- Wipe any mineral deposits off of the probe

Step 9: Remove and clean the sprayheads

- Using the pointed end of the deliming tool, remove any mineral build-up from the sprayhead outlet holes

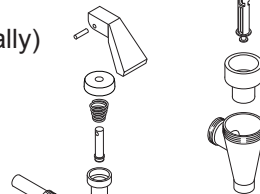
Step 10: Replace the seat cups in all the Soft Heat server faucets (annually)

- Ensure the server is completely empty
- Unscrew the faucet bonnet from the assembly
- Remove the old faucet seat cup
- Install the new seat cup Bunn P/N: 00600.0000
- Reassembly is the opposite of disassembly



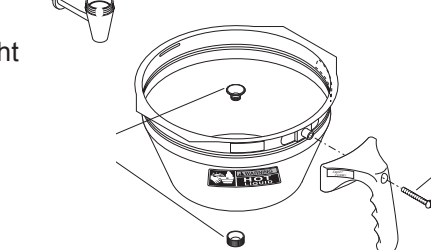
Step 11: Replace the seat cup in the hot water faucet (annually)

- Unscrew the faucet bonnet from the assembly
- Remove the old faucet seat cup
- Install the new seat cup Bunn P/N: 02766.0000
- Reassembly is the opposite of disassembly



Step 12: Check funnels, handle and tip are tight

- Ensure the screw securing the handle to the funnel is tight
- Ensure the funnel tip, the bottom outlet, is tight



Step 13: Examine power cord for any damage

Step 14: Examine water supply for any leaks

Step 15: Check the funnel lock solenoids for proper operation (Note the brewer must be on to perform this step)

- Manually activate each funnel lock in the Systems Tools menu

Step 16: Calibrate flow rates (Note the brewer must be on to perform this step)

- Follow the procedures in section 2 of this manual

Step 17: Check the Soft Heat® servers for proper operation (Note the brewer must be on to perform this step)

- Red LED should be on
- Bottom panel inside the server should be hot to the touch