

# RHINO COFFEE GEAR - SPINJET

## RINSER CLEANING INSTRUCTIONS



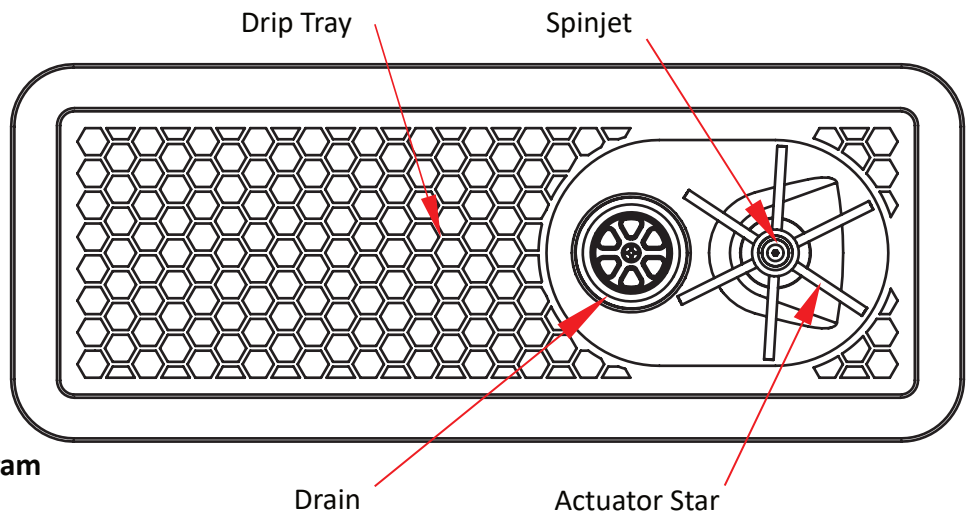
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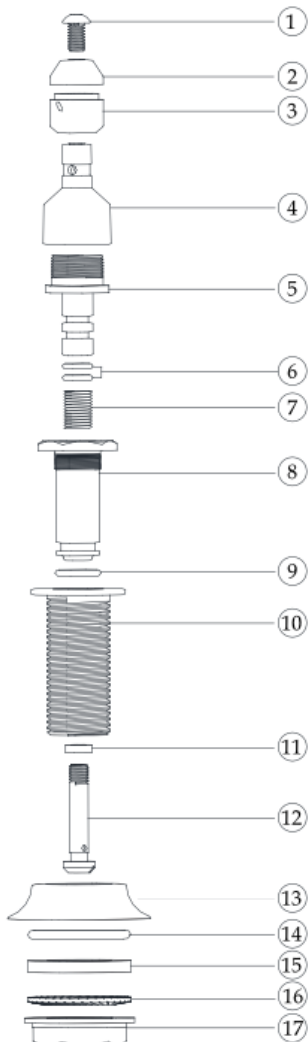
**Please note:** these instructions apply to the Rhino Coffee Gear Spinjet rinser (RHPR600-S, RHPR300-S, RPHR150-S) and to any rinser sink fabricated using Rhino Coffee Gear components

### Spinjet Rinser Parts Diagram

1. Drip Tray
2. Spinjet
3. Drain
4. Actuator Star



### Rinser Valve - Exploded Parts Diagram



Item	Part Name	Material	Specification	Quantity
1	Vented Cap Screw	SUS304	Brush	1
2	Spin Barrel Cap	SUS304	Brush	1
3	Spin Barrel	SUS304	Brush	1
4	Spin Barrel Stem	PA66		1
5	Spray Head Stem	SUS304	Polish	1
6	Spray Head Stem O-Ring	Silicon		2
7	Spray Head Stem Spring	SUS304		1
8	Inner Valve Body	SUS304	Polish	1
9	Inner Valve Body O-Ring	Silicon		1
10	Outer Valve Body	SUS304	Polish	1
11	Actuator Pin Seal	Silicon		1
12	Actuator Pin	SUS304	Brush	1
13	Valve Riser	PA66		1
14	Valve Riser O-Ring	Silicon		1
15	Outer Valve Body Bottom Seal	Silicon		1
16	Bottom Seal Washer	SUS304		1
17	Valve Assembly Nut	SUS304		1

# RHINO COFFEE GEAR - SPINJET RINSER CLEANING INSTRUCTIONS



## Cleaning of the Rhino Coffee Gear Spinjet rinser.

Please note, these instructions apply to the Rhino Coffee Gear Spinjet rinser (RHPR600-S) and to any rinser sink fabricated using Rhino Coffee Gear components (specifically, the Franke MetroBar Sink.)

The RCG Spinjet sink requires daily cleaning and periodic (every three to six months, according to usage and water quality) maintenance.

### 1. Daily cleaning procedure



(A) Using an adjustable wrench, locate the 2 notches at the base of the spinjet



(B) While holding the actuator star in place, unscrew the Spinjet from the spray valve. (Be careful not to rotate or spin the actuator.)



(C) Remove the actuator star by lifting it over the top of the valve

### 2. Cleaning the Spinjet and actuator star

We recommend a dilute solution made from Cafetto Milk Frother Cleaner (diluted 1:20 with hot water) for this step.



(A) Immerse the Spinjet and actuator star in the cleaning solution for 10 mins.



(B) After 10 minutes, remove the Spinjet tip and actuator star from cleaning solution and rinse thoroughly with clean water.

- If required, the actuator star can be dishwashed. Note that we do not recommend dishwashing for the Spinjet tip as, due to the small size, it may be lost.

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### **3. Clean the rest of the sink**

- While soaking the Spinjet and Actuator star, carefully remove the drip tray from the sink basin. Clean the drip tray and rinser basin using the dilute Milk Frother Cleaner solution and a soft cloth.
- If milk has dried on to the drip tray, it may be soaked in the Milk Frother Cleaner solution or cleaned in the dishwasher.

### **4. Clean the waste water lines**

- Once the parts are clean and finished soaking, pour the dilute Milk Frother Cleaner solution slowly into the sink and allow it to drain. This will clean the drain assembly and help maintain the waste hose. Rinse with clean water.

### **5. Reassemble the rinser and reconnect the Spinjet**



(A) Replace the actuator star over the valve body.



(B) Replace the Spinjet by attaching to the spray valve.



(C) Tighten with adjustable wrench & Replace the drain tray.

### **Preventative Maintenance:**

Just like an espresso machine, the Rhino Coffee Gear Spinjet rinser contains consumable parts which will wear out during use and require replacement to keep the rinser in perfect working order. SKU RHSPVSK-01 is the maintenance kit you will require.

We recommend incorporating the replacement of these parts into your preventative maintenance program and replacing all consumable parts at the same time, rather than waiting for the parts to fail. Under average conditions, replacement will be required approximately every 6 months. Under high volume usage or hard water conditions, parts may degrade more quickly, please adjust your maintenance program accordingly.

We also recommend keeping stock of the replacement parts on hand in case of emergencies.

### **Indications that your gaskets and/or seals require replacement:**

When not in use, a small amount of water runs from the rinser head

The actuator is hard to depress, or, once depressed, is slow to return to it's original 'closed' position.



# REPLACING THE O-RINGS ON RHINO PITCHER RINSER VALVES



## Service & Maintenance for commercial installations

We suggest the operating o-rings be replaced every 6 months (depending on use)  
See below for in-place valve removal instructions.

Note: For replacement part kit **(RHSPVSK-01)**

Changing the o-rings can be done while the unit is in position, there is no need to remove the entire spray mechanism from the body of the rinser.

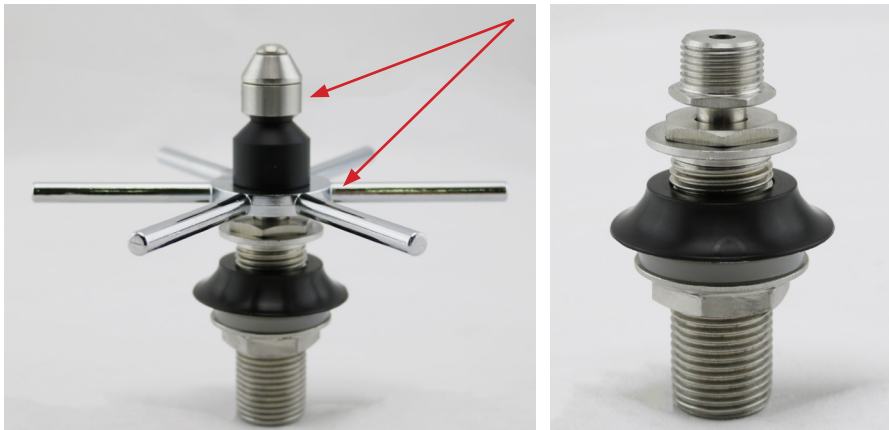
This document will outline how to:

- Remove the inner body valve from the spray mechanism
- Change the o-rings
- Reassemble

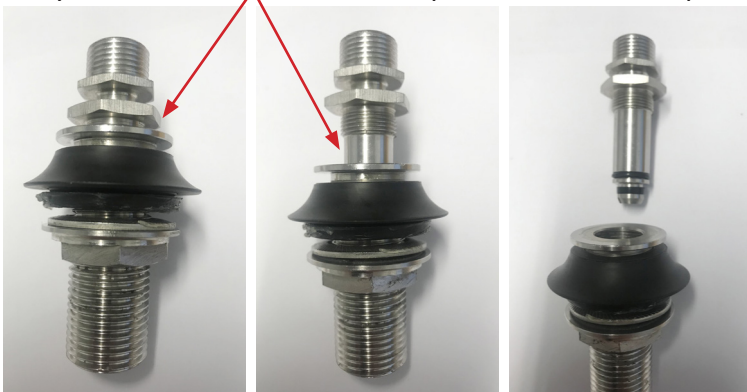
For the purposes of this information sheet we have removed the rinsing mechanism from the rinser as well as the water line.

Start off by isolating/ turning off your water supply.

Remove the spray cap/tip and actuator star, You will be left with the main body of the spray mechanism.



By unscrewing the bottom nut you can remove the inner valve body. Once the inner valve body has been removed it will expose the activation piston.



\*Note: Seals supplied may be black or clear.

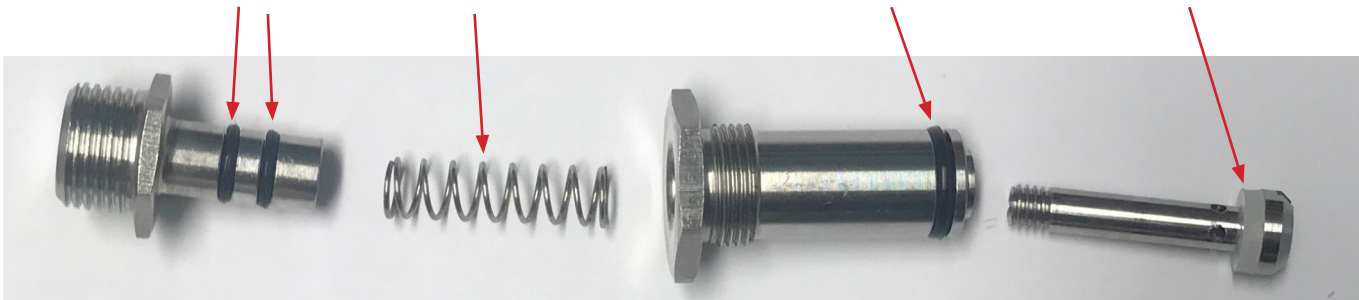
# REPLACING THE O-RINGS ON RHINO PITCHER RINSER VALVES



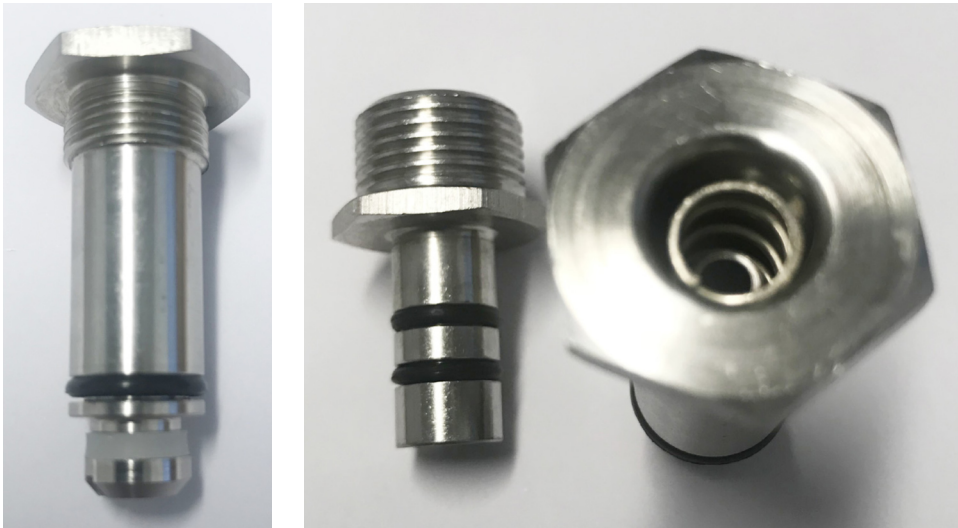
Using a flathead screwdriver unscrew the activation piston from the inner valve body.



Discard the old seals and replace with new



Insert the activation piston into the inner valve body, ensure that the spring is still sitting in the inner sleeve.



Locate the spray head stem. Using a flathead screwdriver, tighten activation until secure.



\*Note: Seals supplied may be black or clear.

# REPLACING THE O-RINGS ON RHINO PITCHER RINSER VALVES



Locate the inner body valve back onto the main spray mechanism and tighten.



Replace actuator plate and spray cap/tip. Reconnect fittings and waterline.



From here, you can turn on you water supply and the rinser is ready to use.

\*Note: Seals supplied may be black or clear.

# RHINO COFFEE GEAR - SPINJET RINSER CLEANING INSTRUCTIONS



## Troubleshooting

The great majority of service calls for this item are resolved by preventative maintenance of the seals and gaskets.

**Problem:** *The rinser is leaking. When not in use, a small amount of water trickles from the rinser head, or around the actuator*

**Solution:** The gaskets/seals are worn or damaged. Replace the gaskets, seals and spring

**Problem:** *The actuator is hard to depress*

**Solution:** Replace the gaskets, seals and spring

**Problem:** *The actuator does not bounce back up when pressure is removed (IE if you remove the milk pitcher but water continues to spray upwards)*

**Solution:** Replace the gaskets, seals and spring

**Problem:** *Water pressure from the rinser is too low / too high*

**Solution:** Ideal operating pressure for the rinser is 350 kPa. A pressure limiting valve (PLV) may be required in some installations to ensure ideal operating pressure

**Problem:** *The rinser head (including the actuator plate) is loose, wobbling, or detaches from the sink*

**Solution:** The rinser head attaches to the sink via a pin (part #14, RHMECHPIN) which screws in from beneath the sink body. If this pin becomes loose or is removed, the actuator head will no longer be securely attached.

To prevent this issue, NEVER SPIN or ROTATE the actuator disc during use, as this can unthread the pin connection.

To resolve, check that the pin is in place and tightly secured. If the pin is damaged or missing, spares are available (SKU: RHMECHPIN.)

For additional troubleshooting or any issues not described here, please send a description of the issue along with accompanying photos/video to [sales@rhinocoffeegear.com](mailto:sales@rhinocoffeegear.com)