RHINO COFFEE GEAR - SPINJET RINSER CLEANING INSTRUCTION

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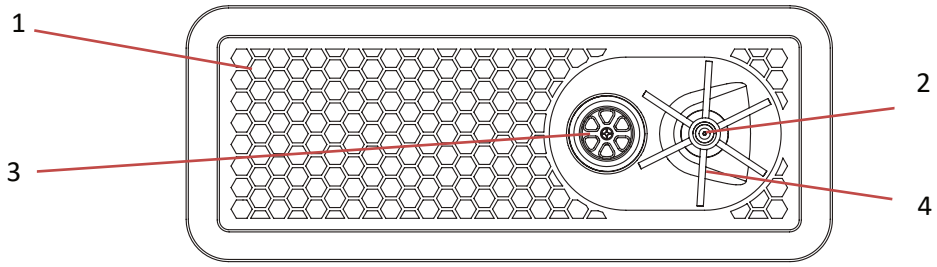
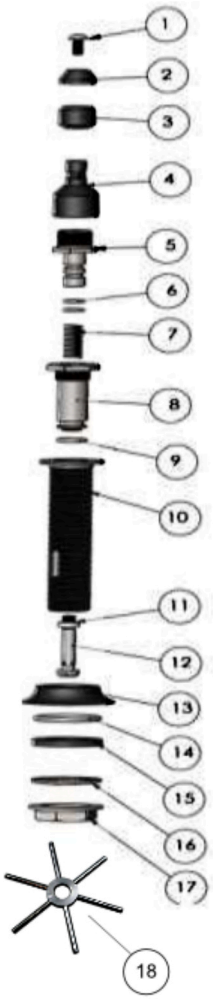
Please note: these instructions apply to the Rhino Coffee Gear Spinjet rinser (RHPR600-S, RHPR300-S, RPHR150-S) and toany rinser sink fabricated using Rhino Coffee Gear components

Spinjet Rinser Parts Diagram

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



Rinser Valve - Parts List, Quantities & Materials



Number	Part Name	Material	Qty
1	Vented cap screw	SUS304	1
2	Spin barrel cap	PA66	1
3	Spin barrel	PA66	1
4	Spin barrel stem	PA66	1
5	Spray head stem	SUS304	1
6	Spray head stem O-	EPDM	2
7	Spray head stem spring	SUS304	1
8	Inner valve body	SUS304	1
9	Inner valve body O-ring	EPDM	1
10	Outer valve body	SUS304	1
11	Actuator pin seal	EPDM	1
12	Actuator pin	SUS304	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
18	Actuator Star	SUS304	1

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Rinser Valve - Exploded Parts Diagram

#.	Part
1.	Vented cap screw
2.	Spin barrel cap
3.	Spin barrel
4.	Spin barrel stem
5.	Washer
6.	Actuator Star
7.	Spray head stem
8.	Spray head stem O-rings
9.	Spring
10.	Inner and outer valve body
11.	Actuator pin with seal
12.	Valve riser
13.	Valve riser O-ring
14.	Outer valve body bottom seal
15.	Bottom seal washer
16.	Valve assembly nut

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Cleaning of the Rhino Coffee Gear Spinjet rinser.
Please note, that these instructions apply to the Rhino Coffee Gear Spinjet rinser, and to any fabricated rinser sink using the Rhino Coffee Gear components (specifically, the Metro Bar Sink.)

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

1. Daily cleaning procedure

(A) Using an adjustable wrench, locate the 2 notches at the base ofthe spin jet

(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 thecleaning solution for 10 mins.

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

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- If required, the actuator star can be placed in a dishwasher. Please note that we do not recommend dishwashing for theSpinjet tip as, due to the small size, it may be lost.

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 onto the drip tray, it may be soaked in the Milk Frother Cleaner solution or cleanedin the dishwasher.

4. Clean the wastewater lines

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

5. Reassemble the rinser and reconnect the Spinjet

(A) Replace the actuator star overthe valve body.

(B) Replace the wobble washer then spinjet by attaching it to The spray valve

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

Preventative Maintenance:

Just like an espresso machine, the Rhino Coffee Gear Spinjet rinser contains consumable parts which will wearout during use and require replacement to keep the rinser in perfect working order. SKU RH3PE-SPVSKis the maintenance kit you will require. SKU SILGREASEHT113G Silicone Grease High Temp 113g is the o ring grease.

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, a replacement will be required approximately every 6 months. Under high volume usage or hard waterconditions, parts may degrade more quickly, please adjust your maintenance program accordingly.

It is also recommended that stores keep 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 its original 'closed' position.

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Service & Maintenance for commercial installations:

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

Note: For replacement part kit (RH3PE-SPVSK)

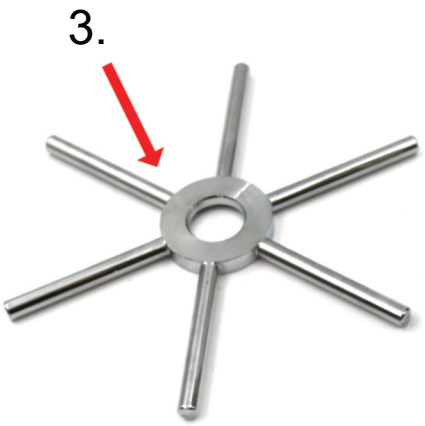
Changing the O-rings can be done while the unit is in position, there is no need to remove the entire spray mechanism from the body of the rinser.

This document will outline how to:

- Remove the inner body valve from the spray mechanism
- Change and lubricate 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.

1. To begin, locate your incoming water line and isolate your water supply. Push down on the mechanism to ensure that the water supply is off and not under pressure load.
2. Remove the spin jet spray tip and actuator star, you will be left with the main body of the spray mechanism.



*Note: Seals supplied may be black or clear.

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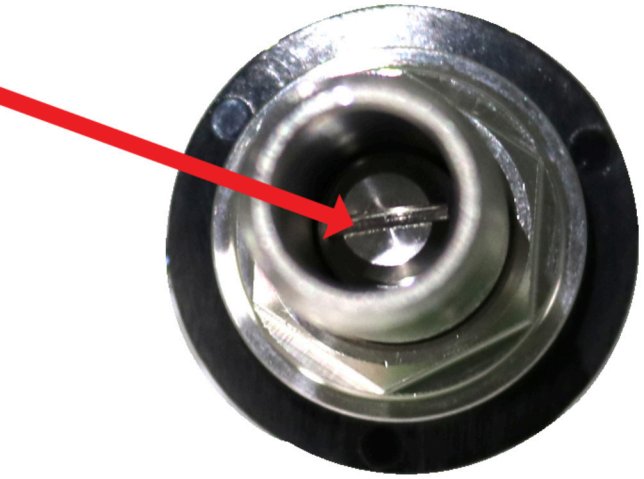
3. Remove the bottom Flathead screw by rotating anti clockwise. Once loosened you will be able to remove the inner valve body. With the inner valvebody removed , the activation piston will be freed..



4. Remove inner valve stem the activation pin/piston from the inner valve body.

5. Discard the old o-rings and replace with new o-rings and lubricate the new o-rings, stem valve and Piston with high temperature silicone grease

   Part Number **RH3PE-SPVSK** - Rhino Spinjet Valve Service Gasket Kit 3 – EPDM
   Part Number **SILGREASEHT113G** Silicone Grease High Temp 113g

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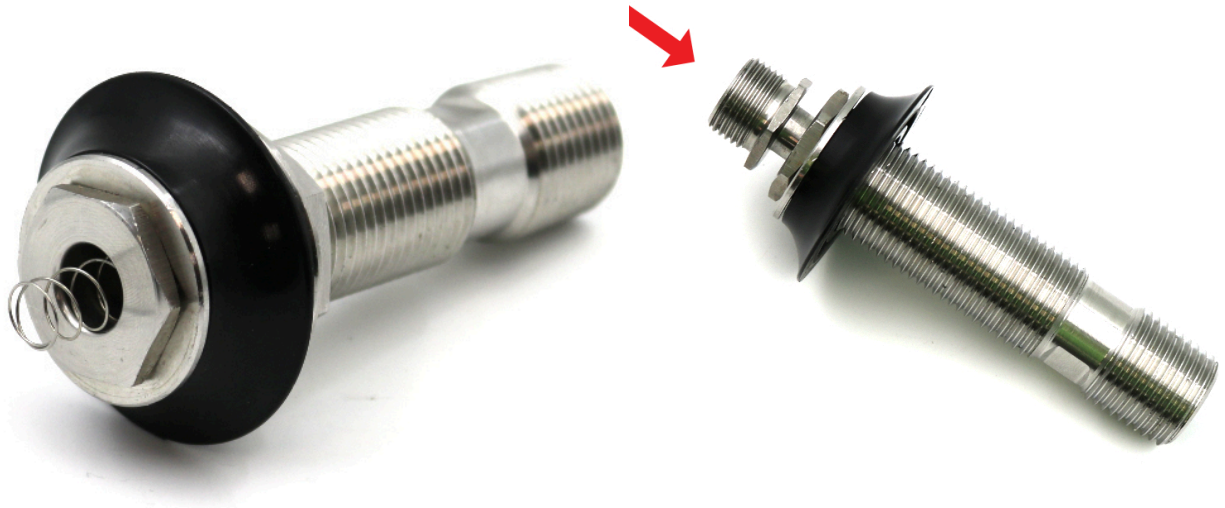
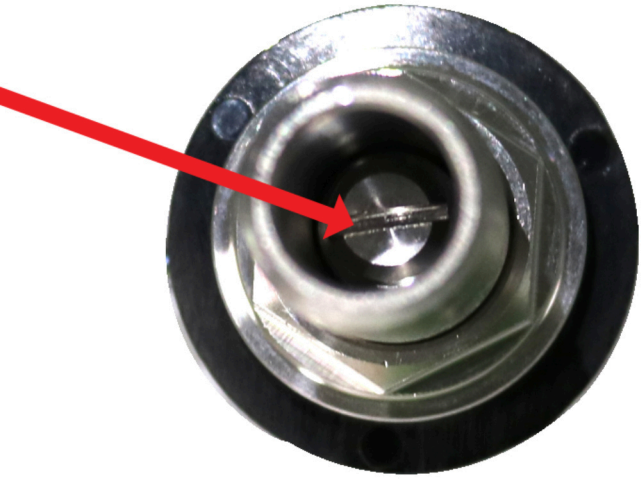
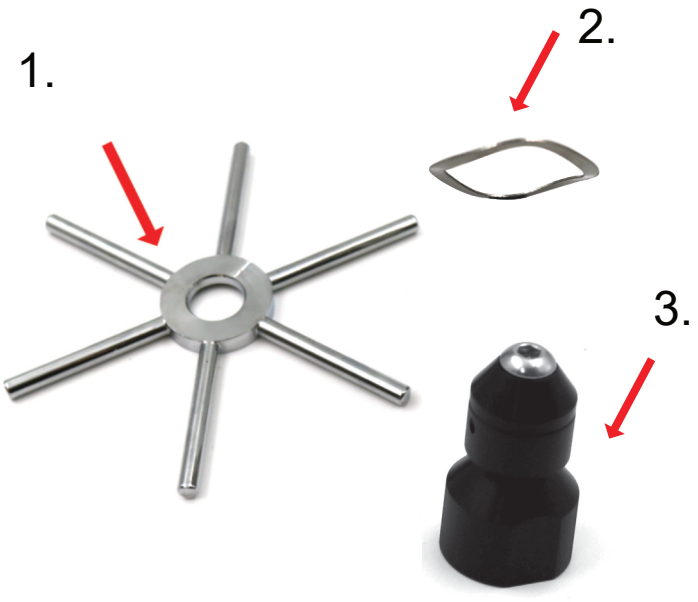
6. Insert the activation piston into the inner valve body, ensure that the spring is still sitting in the inner sleeve.



7. Locate the spray head stem. Using a flathead screwdriver, tighten activation until secure. Reassemble the actuator star and spin jet to complete.





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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 butwater 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 berequired 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 thesink 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 pinconnection.

To resolve this, 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@bomborasupplies.com.au