

NOZZLE ASSEMBLY SOP

CLICK&DRY™ Maxi Threaded Retainer

Introducing the new “No Breakage” Wear Part Clasp System,
the ultimate solution for cost saving and easy installation/removal.

Optional **Drip-Pro™ Check Valve** technology - scorched particle reduction with longer run times.

Saving Wear Parts
The Ultimate Money Saving System!

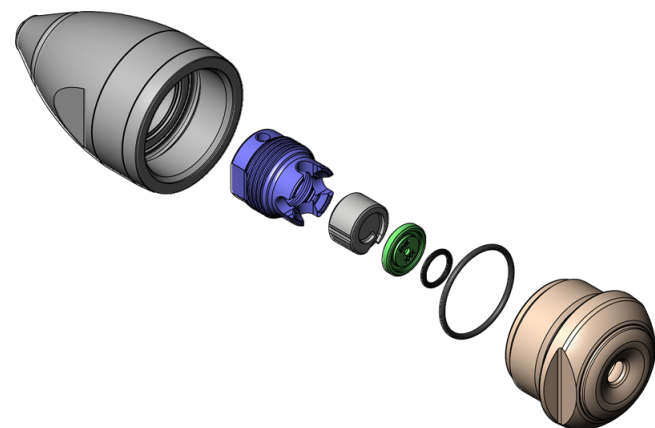
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- Place Retainer on a flat surface with castellations facing up.
- Securely place the tapered Swirl base flat into the castle turrets with Swirl opening facing up.



- Ensure you identify the correct Seal-In-Disc™. This is the Disc with the circular O-ring groove as pictured.



- Place Disc O-ring into groove securely by pushing in all around. Use of food graded O-ring lubricant helps this process and protects O-ring.



- With Retainer sitting on the same flat surface, in the attitude shown, squarely place Seal-In-Disc™ orifice disc on top of Swirl with O-ring and disc groove facing upwards.



- With the O-ring in place and facing upwards, insert the Threaded retainer assembly into the cut of the Bench plate
- Insert Cap onto the retainer

BEFORE STARTING

Ensure components are properly cleaned and inspected for defects.

AVOID IMPACT DAMAGE, ALWAYS USE



Soft handling
basket

Soft handling
board



Use O-ring pick to remove any old O-rings. Always replace O-rings & sealing materials with new replacement items.

IMPORTANT

scour, scrape or dig to clean nozzles



Ensure Lance Body internals and sealing face are clear of any obstruction and foreign material before re-assembly. Always check for old seals and O-rings and remove before re-assembly.



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- Screw Cap firmly onto retainer



- Inspect front end face of tightened Cap assembly. Seal-In-Disc™ should be resting up hard against inner wall of Cap outlet without any gaps that might indicate a loose O-ring, loose wear parts or damaged threads. If so, check components and repeat all assembly steps



- With Cap inverted in orientation shown, use food graded O-ring lubricant to help adhere O-ring in place
- Fit Body O-ring within O-ring groove
- Ensure proper fit
- Keep Cap inverted before assembly to lance to avoid dislodgement of O-ring



- Whilst holding the nozzle Cap with the O-ring groove facing upwards (as shown) and O-ring in place, Cap assembly can now be carefully hand screwed up into the nozzle lance body without disturbing the O-ring



- With Cap fully hand tightened to the body, use the special C&D Multi-Tool provided to 'nip-up' the Cap ensuring the carrier is fully engaged and secure

Tech Tip: Do you have dripping problem?

Did you know your nozzle is ready to receive our optional DripPro Check Valve for superior drip & leak control?

- Ask for the additional Check Valve Installation SOP

Threaded cap disassembly

Use Bench Plate to disassemble Cap. Ensure the Bench Plate is screwed securely onto a work bench.



- Insert key in slot as above



- Quarter turn twist loosens parts, pushing them upwards in Clasp
- Invert tool, use handle to dislodge all Captive wear parts using C&D Multi-Tool Cap spanner

Optional Cap disassembly guide

Using Wear Part Removal Tool to disassemble the assembled cap:



- Insert assembled Cap into the male part of Disc Separator tool



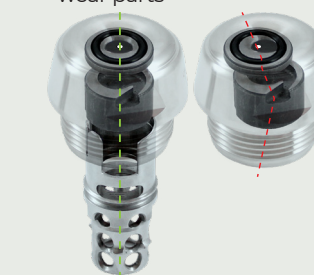
- Cover the female part of the Disc Separator tool onto the base as pictured



- Push down to release assembled parts in the Cap

OPTIONAL: Hi-Flo Drip-Pro™ Check Valve Concentricity Clasp Technology

CCT Clasp aligns wear parts



CCT - CONCENTRICITY CLASP TECHNOLOGY

Designed to align and protect wear parts, minimise damage and reduce on going costs.



DRIP-PRO™ CHECK VALVE TECHNOLOGY

Built to last, this is the shortest and most reliable check valve nozzle system in the market today.

Contact
sales@spraynozzle.co.nz
for more information.