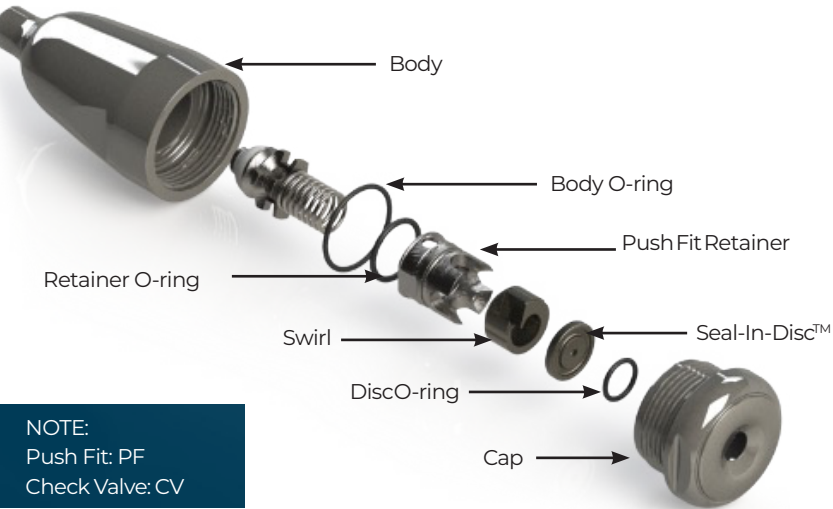


NOZZLE ASSEMBLY SOP

CLICK&DRY™ COMPACT (ENTRY LEVEL) PUSH FIT RETAINER SEAL-IN DISC™
FEATURING **HYGENIC SMOOTH BORE CAP** FOR EASIER CLEAING ACCESS



ASSEMBLY

1



O-ring to fit in Retainer groove


- Apply lubricant to O-ring and carefully roll O-ring over the non castellated end (rear) and position the O-ring into the groove in the middle of the PF Retainer ensuring it is rests in place in the groove.

2



- Place PF 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.

3



IMPORTANT!

Groove In Disc Standard Disc

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

4



- 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.

5



- With PF 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.

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.

6



- With the assembly remaining on the flat surface, Disc should now be sitting in perfect alignment with Swirl outer diameter ready to receive the Cap.

7



- With the Retainer, Swirl, Seal-In-Disc™ orifice, and disc O-ring sitting on the flat surface facing upwards (as shown), place the cap as shown concentrically over the assembled Retainer.
- Push cap down firmly over the Seal-In-Disc™, Swirl and Retainer until you hear the "click" sound and Seal-In-Disc™ seats against the inside of the cap

8



IMPORTANT! NOTE

- Inspect front end face of Cap assembly. Seal-In-Disc™ orifice disc should be resting up against the inner wall of Cap outlet without a gap large enough to indicate that an O-ring or wear parts have misaligned or come loose. If so, check components and repeat all assembly steps.

8



IMPORTANT!

- With Cap inverted in orientation shown, use food graded O-ring lubricant to help lubricate O-ring.
- Fit Body O-ring within O-ring groove pushing it in all around to ensure proper fit.
- Keep Cap inverted before assembly to lance to avoid dislodgement of O-ring.

9



- 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.

10



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

IMPORTANT

NEVER 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.




Always use suitable food graded O-ring lubricant to fit all O-rings. Apply lubricant during assembly to protect O-ring and assist installation.


Cap and wear part disassembly

Using Wear Part Removal Tool to disassemble the assembled cap:


1



2



3



- 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 wear parts out of the Cap into the male cup part of the separation tool.

Do your nozzle parts appear "baked-in", causing difficult disassembly? Speak to us today for an optional threaded retainer/ clasp version.

Optional Wear Part Extraction Tools (PREFERRED METHOD - Best results require optional wear part holder clasp version)

No carbide contact extraction tool for nozzles that are heavily soiled during operation. Stuck wear parts can be removed with a simple twist with no damage to expensive carbide parts.



Cap Spanner

Insert pin fully through Clasp and twist down to remove Clasp.

Clasp will fall out and down



One-turn Clasp extraction tool

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



DRIP-PRO™ CHECK VALVE TECHNOLOGY
Built to last, this is the shortest and most reliable check valve nozzle system in the market today.

CCT - CONCENTRICITY CLASP TECHNOLOGY
Designed to align and protect wear parts, minimise damage and reduce on going costs.

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