

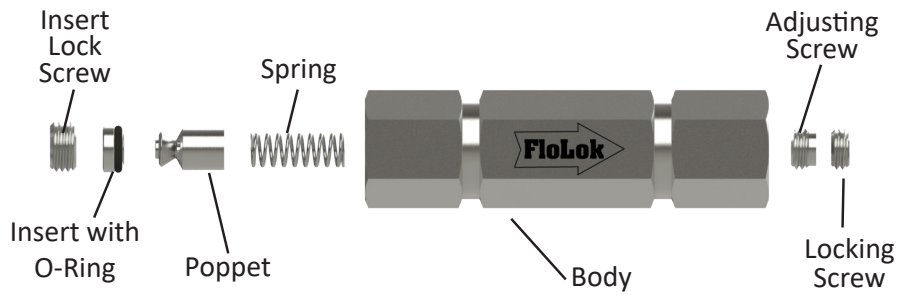
CPA Series Check Valve Maintenance Instructions

Contents

All Kits	Seal Kit	Spring Kit
Maintenance Instructions	O-Ring	Spring Label

WARNING
If the valve is disconnected from a system, it must be depressurized, cycled, and purged.

CAUTION
Care should be taken to not scratch or damage sealing surfaces.



Disassembly

- Loosen the locking screw 1/4 turn.
 - 4CPA - 5/32 HEX KEY
 - 8CPA - 5/16 HEX KEY

- Slide the hex wrench down into the adjusting screw and loosen. (Locking screw should end up flush with body face)

- 4CPA - 3/16 HEX KEY
 - 8CPA - 3/8 HEX KEY

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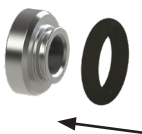
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- Discard components that will be replaced.

- Make sure all components are clean.

Reassembly

- Lubricate the O-Ring and install it on the insert. (Lubricate with system compatible lubricant)



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- Tighten the insert lock screw according to the table.

Valve Series	Valve Material	Torque Value in lbs (N·m)
4CPA	Brass	45 (5.1)
	All Other	85 (9.6)
8CPA	Brass	100 (11.3)
	All Other	300 (33.9)

- Turn the adjusting screw clockwise to increase the cracking pressure; counter-clockwise to decrease cracking pressure.

- Slide the hex wrench back into the locking screw only and turn clockwise to lock valve.

- Test product prior to installation in the system.

- Attach the new label to the body hex, as necessary.