

Series 4001SS Reduced Pressure Zone Assembly 3" – 6" Series 5001SS Reduced Pressure Detector Assembly 3" – 6"

ORDERING CODE	KIT NO.	SIZE
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4001SS, 5001SS 1st Check

7010128	ARK 4001SS/5001SS CK1	2½" - 4"
7010129	ARK 4001SS/5001SS CK1	6" - 8"

Kit includes: 1st Check Assembly, Check O-Ring and Lube

2nd Check

7010130	ARK 4001SS/5001SS CK2	2½" - 4"
7010131	ARK 4001SS/5001SS CK2	6" - 8"

Kit includes: 2nd Check Assembly, Check O-Ring and Lube

1st Check Rubber Parts Kit

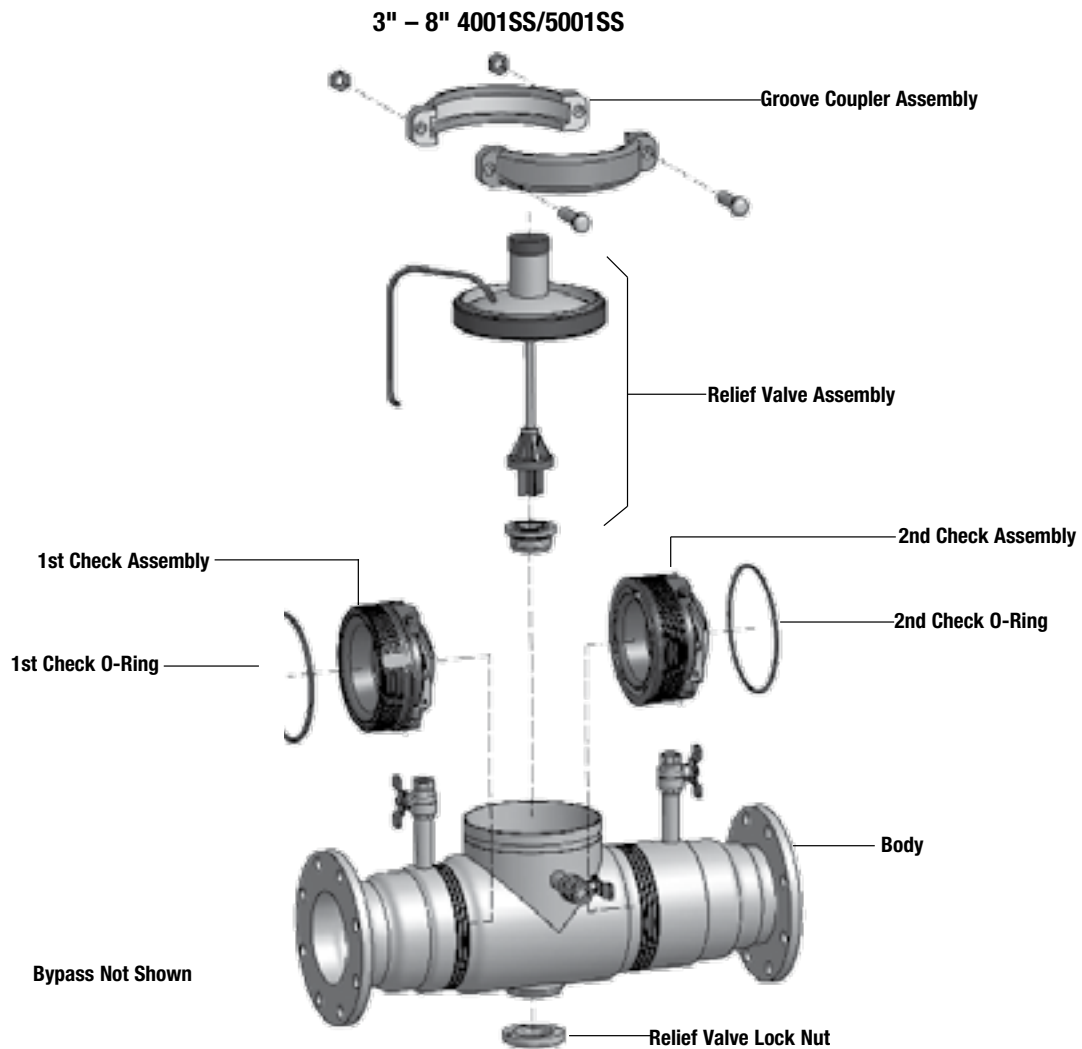
7010132	ARK 4001SS/5001SS RC1	2½" - 4"
7010133	ARK 4001SS/5001SS RC1	6" - 8"

Kit includes: Check Disk, Check O-Ring, C-Clips (2) and Lube

2nd Check Rubber Parts kit

7010134	ARK 4001SS/5001SS RC2	2½" - 4"
7010135	ARK 4001SS/5001SS RC2	6" - 8"

Kit includes: Check Disk, Check O-Ring, C-Clips (2) and Lube



Series 4001SS Reduced Pressure Zone Assembly 3" – 6" Series 5001SS Reduced Pressure Detector Assembly 3" – 6"

Relief Valve Kits

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4001SS, 5001SS Total Rubber Parts Kit

7010136	ARK 4001SS/5001SS RT	2½" - 4"
7010137	ARK 4001SS/5001SS RT	6" - 8"

Kit consists of: Check O-Rings (2), Check Disk (2), Check C-Clip (4), Diaphragm Gasket, Guide O-ring, Shaft O-Ring, Center Guide O-Ring, Seal Cup and Seal Cup Gasket

Relief Valve Rubber Parts Kit

7010138	ARK 4001SS/5001SS VT	2½" - 4"
7010139	ARK 4001SS/5001SS VT	6" - 8"

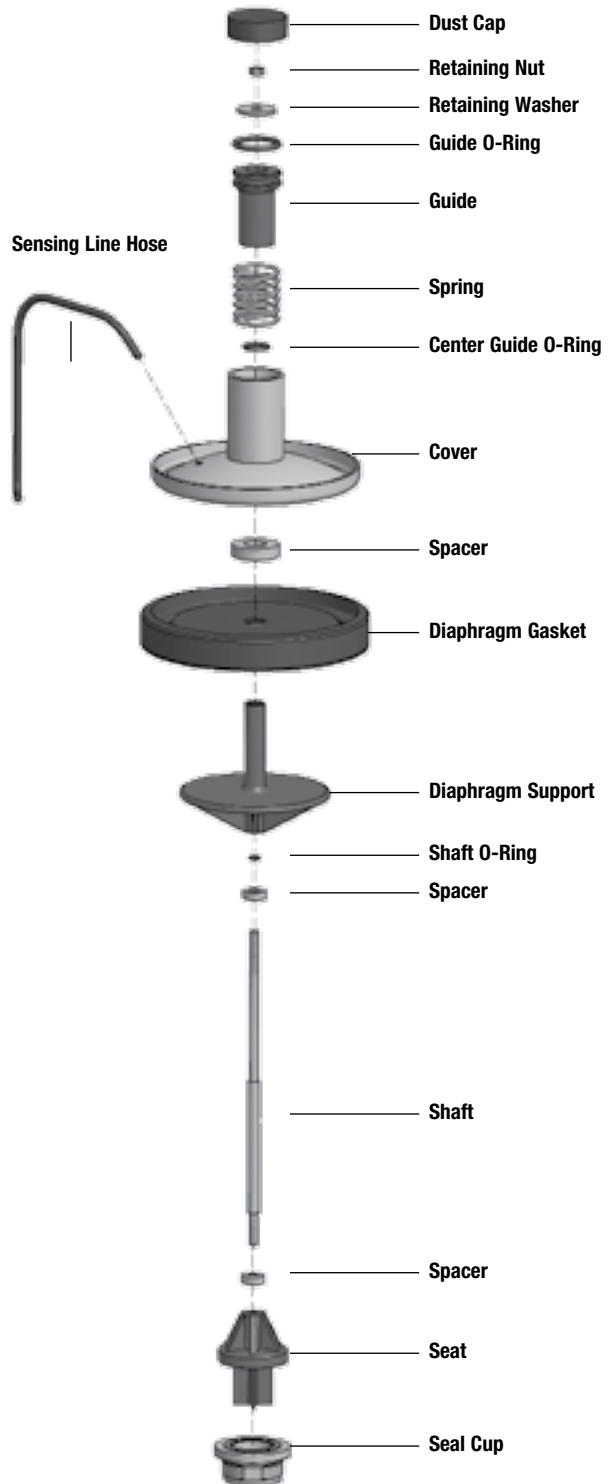
Kit consists of: Relief Valve Assembly, Diaphragm, and all Relief Valve Components.

Relief Valve Rubber Parts Kit

7010140	ARK 4001SS/5001SS RV	2½" - 4"
7010141	ARK 4001SS/5001SS RV	6" - 8"

Kit consists of: Diaphragm Gasket, Shaft O-Ring, Guide O-Ring, Center Guide O-Ring, Seal Cup and Seal Cup Gasket

Relief Valve 4001SS & 5001SS



RELIEF VALVE SERVICE INSTRUCTIONS

1. Prior to beginning any maintenance work, shut down the water supply to the unit and relieve any residual pressure in the valve by opening Test Cock (TC) #4.
2. The relief valve is an integral part of the lid assembly and may be serviced when the lid assembly is removed from the body of the valve.
3. The relief valve may be disconnected from the sensing line hose if desired to enable easier access to all parts of the assembly.

REPLACING THE SEALING DISC

1. Remove relief valve assembly from body.
2. Unscrew Seal Cup Lock Nut from the underside of the body
3. Remove Seal Cup and Gasket thru the body access port.
4. Install NEW Seal Cup and gasket in reverse order.
5. Reinstall Lock Nut. DO NOT CROSS THREAD.

COMPLETE DISASSEMBLY OF THE RELIEF VALVE

1. Remove Sensing line from "T" junction at TC #2.
2. Remove Relief Valve Assembly from body.
3. Where available, clamp the RV assembly at the center section of the shaft on to the jaws of a vise and tighten sufficiently to prevent turning during disassembly.
4. Unscrew the seat from the shaft by turning counter clockwise.
5. Remove lower spacer (**Note:** Chamber side should be down).
6. Remove dust cap.
7. Remove retaining nut (**Note:** Apply light downward pressure to prevent spring from POPPING off the spring guide and retaining washer).
8. Lift off the cover. All internal parts will be pulled off the shaft at the same time.
9. Remove Spacer (Note direction of chamber)
10. Remove the diaphragm (Note direction of roll/convolute for reinstallation)
11. Remove diaphragm support.
12. Remove shaft O-ring.
13. Remove Upper spacer (Note chamber side should be on the top)

RV STYLE:

After removing Dust Cap, inspect Retainer Nut

OLD STYLE: HEX molded in guide - Parts no longer available.

NEW STYLE: ⅜" Nylock HEX nut - Parts shown stainless.