

Series 900

Reduced Pressure Zone Assemblies

Size 3/4" - 2"

Repair Kits

When ordering specify Ordering Code, Kit No., and Valve Size.

ORDERING CODE	KIT NO.	SIZE
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Complete Repair Kits

0881240	45 BFP-RK	3/4", 1", 1 1/4"
0881263	47 BFP-RK	1 1/2", 2"

Kit consists of: inlet adapter gasket, first check valve assembly, with spring and O-ring, second check valve spring, two union nut gaskets, relief valve spring, second check valve assembly, stem O-ring, maintenance tool and silicone grease.

Rubber Parts Kits

LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0881241	46 BFP-RK	3/4", 1", 1 1/4"
	0881264	48 BFP-RK	1 1/2", 2"

Kit consists of: molded disc and piston O-ring.

Relief Valve Seat and Seal Kits

0881245	34 BFP-RK	3/4", 1", 1 1/4"
0881275	35 BFP-RK	1 1/2", 2"

Kit consists of: relief valve seat and O-ring.

Sizes 2 1/2" - 6"

Check kits

When ordering specify Ordering Code, Kit No., and Valve Size.

ORDERING CODE	KIT NO.	SIZE
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First Check Assembly & Relief Valve Kits

0889100	36 BFP-RK	2 1/2", 3"
0889110	37 BFP-RK	4"

Kit consists of: first check valve seat and disc, valve spring, gasket, relief valve seat and spring.

Second Check Assembly Kits

Second Check Valve Spring Assembly

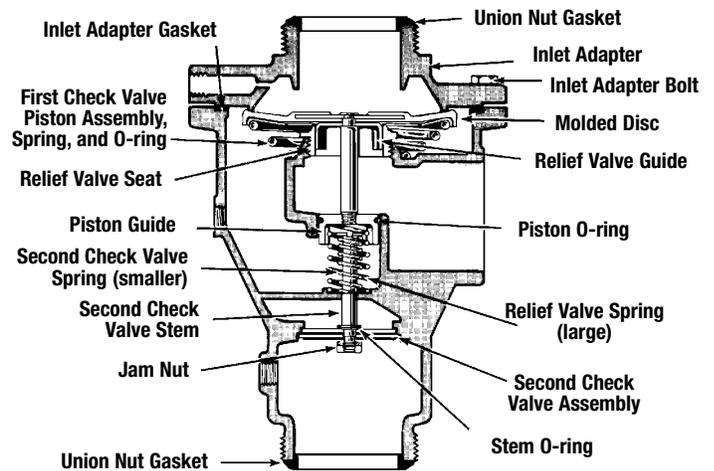
0889105	39 BFP-RK	2 1/2", 3"
0889115	40 BFP-RK	4"

Kit consists of: second check valve spring assembly, valve disc and seat, O-rings, lock nut, piston O-ring and guide assembly and relief valve O-ring.

Rubber Parts Kits

0881295	42 BFP-RK	2 1/2", 3"
0881297	43 BFP-RK	4"
0881298	44 BFP-RK	6"

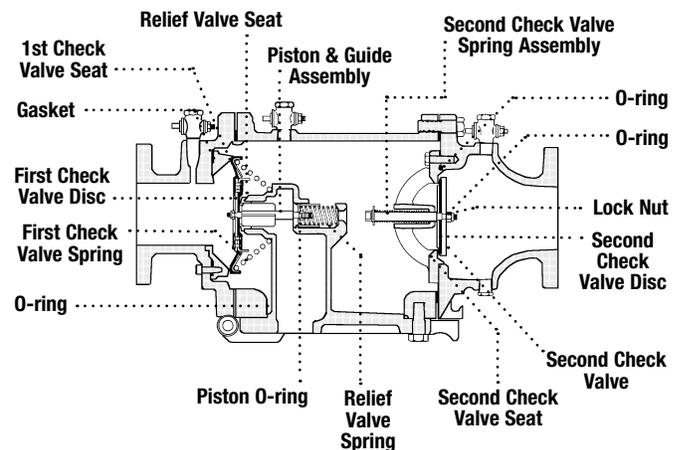
Kit consists of: first check valve disc, second check valve disc, O-rings and silicone grease.



NOTICE

Before reassembly, grease Relief Valve Seat orifice, Piston Bore and Piston O-ring. Use silicone base grease.

Service of these sizes require proper factory maintenance tool kit (see below).



*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

Series 909, LF909

Reduced Pressure Zone Assemblies

Sizes 3/4" – 2"

Repair Kits

When ordering specify Ordering Code, Kit No., and Valve Size.

ORDERING CODE	KIT NO.	SIZE
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Total Repair Kits

LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0794066	LFRK 909-T	3/4" – 1"
	0794071	LFRK 909-T	1 1/4" – 2"

Kit consists of: relief valve repair kit, first check repair kit, second check repair kit

Relief Valve Kits

Relief Valve Kits

LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0794059	LFRK 909 VT	3/4" – 1"
	0794060	LFRK 909M1 VT	1 1/4" – 2"

Kit consists of: relief valve assembly, seat, seat O-ring, 2 piston O-rings and lubricant.

Rubber Parts for Relief Valve

1 1/4" – 2"

LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0794061	LFRK 909 RV	3/4" – 1"
	0794062	LFRK 909M1 RV	1 1/4" – 2"

Kit consists of: diaphragm, disc assembly, seat O-ring, RV O-ring, 2 piston O-ring, and lubricant.

Seat Kits for Relief Valve

LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0887372	RK 909 SV	3/4" – 1"
	0887371	RK 909M1 SV	1 1/4" – 2"

Kit consists of: seat, seat O-ring, 2 piston O-ring and lubricant.

1 1/4" – 2" 909/909M1 are common kits.

NOTICE

TO PREVENT SHAFT DAMAGE ASSEMBLE AS SHOWN: If cover will not press against body, assembly is crooked and tightening bolts will bend shaft. Do not force the cover into place as damage may result from misalignment.

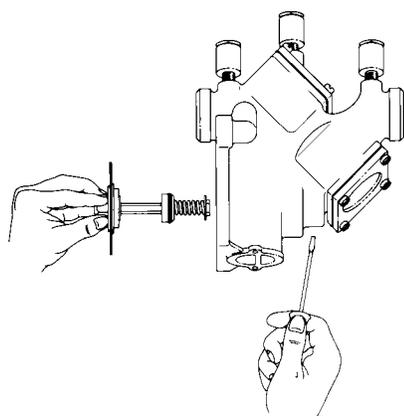


Figure 1:

To assemble the relief valve assembly have a screwdriver ready.

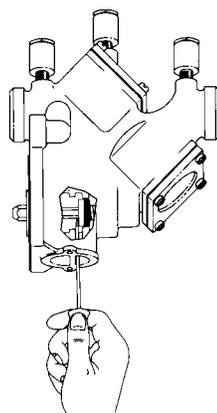


Figure 2:

Depress the relief valve assembly, carefully guiding it against the two pound spring load. When properly aligned, the piston is in the cylinder bore. Insert the screwdriver as shown.

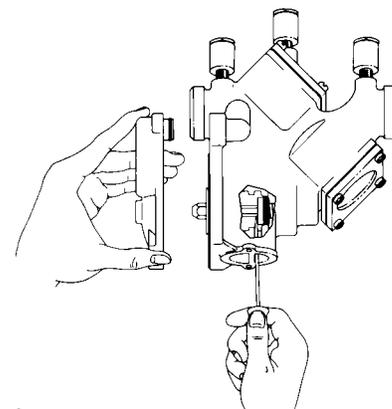
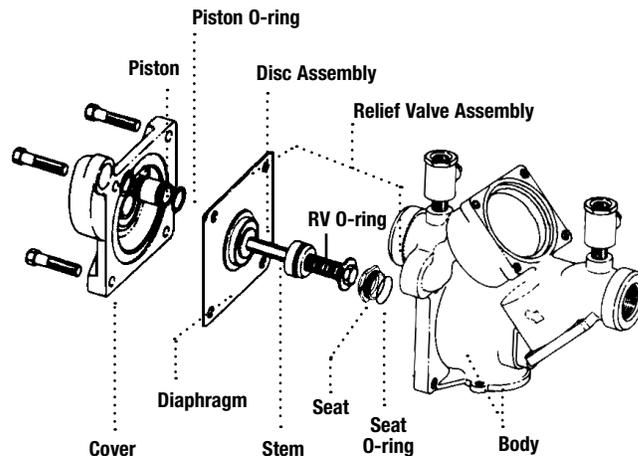


Figure 3:

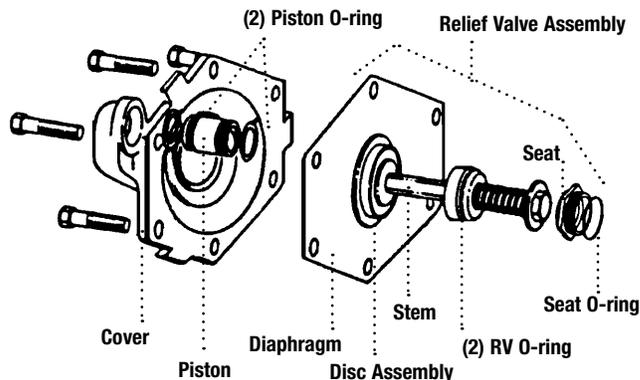
The relief valve assembly is held encapsulated by the screwdriver. You should now have both hands free to bolt down the cover. Insert and snug two bolts 180° apart to hold the cover. Finish inserting the remaining bolts and snug up evenly alternating until secure. Remove the screwdriver.

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

3/4" – 1"



1 1/4" – 2"



Series 909, LF909

Reduced Pressure Zone Assemblies

Sizes 3/4" – 2"

Check valve kits

When ordering specify Ordering Code, Kit No., and Valve Size.

Note: 1 1/4" – 2" 909/909M1 are common kits.

ORDERING CODE	KIT NO.	SIZE
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First Check Kits

LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0887120	RK 909 CK1	3/4" – 1"
	0794063	LFRK 909M1 CK1	1 1/4" – 2"
	0887122	RK 909 CK1SS**	3/4" – 1"
	0887135	RK 909M1 CK1SS**	1 1/4" – 2"

Second Check Kits

LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0887121	RK 909 CK2	3/4" – 1"
	0794064	LFRK 909M1 CK2	1 1/4" – 2"
	0887123	RK 909 CK2SS**	3/4" – 1"
	0887136	RK 909M1 CK2SS**	1 1/4" – 2"

Kit consists of: disc assembly, spring, seat, seat O-ring, cover O-ring and lubricant.

Rubber Parts for Both Checks

LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0887129	RK 909 RC3	3/4" – 1"
	0887310	RK 909 RC3 HW	3/4" – 1"
	0794065	LFRK 909M1 RC3	1 1/4" – 2"
	0794068	LFRK 909M1 RC3 HW	1 1/4" – 2"

Kit consists of: disc assembly, seat O-ring, cover O-ring and lubricant.

NOTE: HW model has bronze disc assembly.

Complete Rubber Parts

LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0794069	LFRK 909 RT	3/4" – 1"
	0794070	LFRK 909M1 RT	1 1/4" – 2"

Kit consists of: disc assembly, seat O-rings, RV diaphragm, RV O-rings, piston O-rings, cover O-rings and lubricant.

Seat Kits for One Check

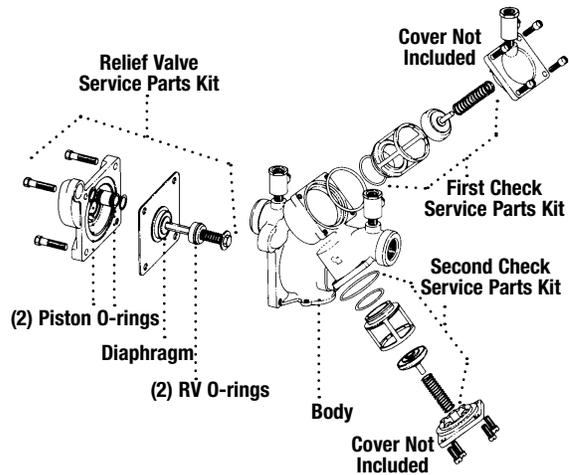
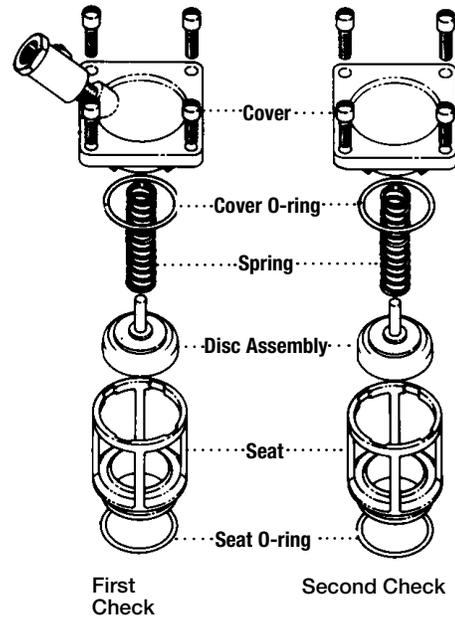
LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0887124	RK 909 S	3/4" – 1"
	0887139	RK 909M1 S	1 1/4" – 2"
	0887125	RK 909 S-SS**	3/4" – 1"
	0887140	RK 909M1 S-SS**	1 1/4" – 2"

Kit consists of: seat, seat O-ring and lubricant.

Cover Kits

LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0794072	LFRK 909 C1	3/4" – 1"
	0794073	LFRK 909 C2	3/4" – 1"
	0794075	LFRK 909 VC	3/4" – 1"
	0794074	LFRK 909M1 C4	1 1/4" – 2"
	0794076	LFRK 909M1 VC	1 1/4" – 2"

Kit consists of: cover, cover O-ring and lubricant.



No special tools required to service Series 909.

Rubber seat disc can be replaced. However, disc holder and disc retainer are permanently bonded to prevent failure.

ORDERING CODE	KIT NO.	SIZE
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Polymer Coated Valves

LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0794079	LFRK 909-PC-CK1	3/4" – 1"
	0794080	LFRK 909-PC-CK2	3/4" – 1"
	0794077	LFRK 909-PC-CK1	1 1/4" – 2"
	0794078	LFRK 909-PC-CK2	1 1/4" – 2"

Kit consists of: disc assembly, seat, seat O-ring, sleeve, check spring, PC cover and cover O-ring.

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

**Stainless steel seat

Series 909, LF909

Reduced Pressure Zone Assemblies

Sizes 2 1/2" – 10"

Relief Valve Kits

When ordering specify Ordering Code, Kit No., and Valve Size.

**M1 = Cast iron relief valve.

ORDERING CODE	KIT NO.	SIZE
Relief Valve Rubber Parts		
0794081	LFRK 909 RV	2 1/2" – 3"
0794083	LFRK 909 RV	8" – 10"
0794150	LFRK 909(M1)-RV	4"–6" 909, 8"–10" 909M1

Kit consists of: sleeve O-ring, piston O-ring, stem O-ring, RV disc assembly, diaphragm, piston seal, bottom plug O-ring, adapter O-ring and lubricant.

Relief Valve Total

0887237	RK 909 VT	8" – 10"
0887267	RK 909 VT Bronze Body	4" – 6"
0794085	LFRK 909 VT	2 1/2" – 3"
0794151	LFRK 909(M1)-VT	4"–6" 909, 8"–10" 909M1

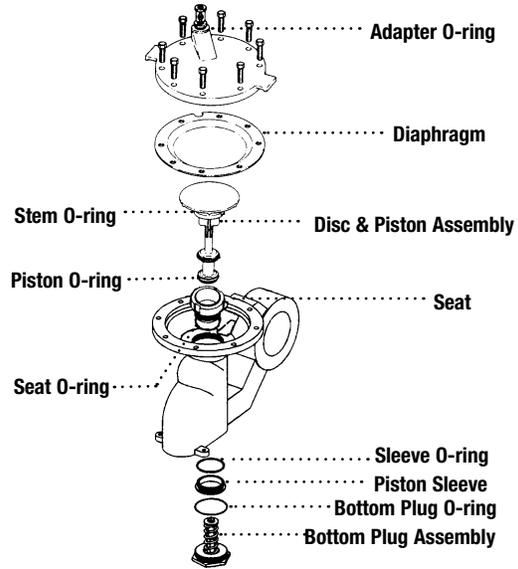
Kit consists of: diaphragm, disc & piston assembly, seat, seat O-ring, adapter O-ring and lubricant. (Sizes 4"–10"M1 includes bottom plug & spring assembly).

Total Rubber Parts Kits

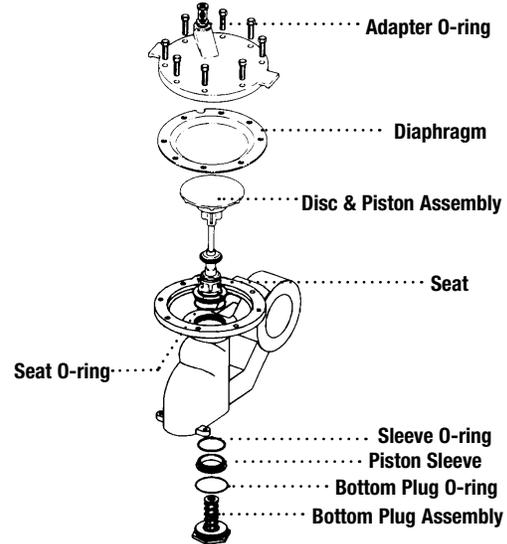
0794089	LFRK 909 RT	2 1/2" – 3"
0794090	LFRK 909 RT	4"
0794091	LFRK 909 RT	6"
0794092	LFRK 909 RT	8"
0794093	LFRK 909M1 RT	8"
0794094	LFRK 909 RT	10"
0794095	LFRK 909M1 RT	10"

Kit consists of: upper and lower check stem O-ring (6" only), check disc, cover O-ring, sleeve O-ring, piston O-ring, RV disc assembly, diaphragm, piston seal and lubricant.

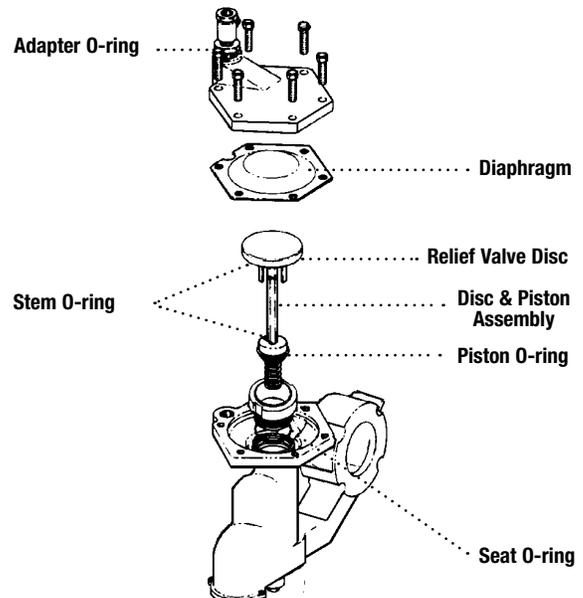
4" – 10"



8"M1, 10"M1



2 1/2", 3"



*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

Series 909, LF909

Reduced Pressure Zone Assemblies

Sizes 2 1/2" – 10"

Check valve kits

When ordering specify Ordering Code, Kit No., and Valve Size.

ORDERING CODE	KIT NO.	SIZE
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First Check Kits

ORDERING CODE	KIT NO.	SIZE
0794096	LFRK 909 CK1	2 1/2" – 3"
0794097	LFRK 909 CK1	4"
0794098	LFRK 909 CK1	6"
0794099	LFRK 909 CK1	8"
0794100	LFRK 909 CK1	10"

Second Check Kits

ORDERING CODE	KIT NO.	SIZE
0794101	LFRK 909 CK2	2 1/2" – 3"
0794102	LFRK 909 CK2	4"
0794103	LFRK 909 CK2	6"
0794104	LFRK 909 CK2	8"
0794105	LFRK 909 CK2	10"

Kit consists of: disc & spring assembly, cover O-ring and lubricant.

Seat Kits

ORDERING CODE	KIT NO.	SIZE
0794106	LFRK 909 S	2 1/2" – 3"
0794107	LFRK 909 S	4"
0794108	LFRK 909 S	6"
0794109	LFRK 909 S	8"
0794110	LFRK 909 S	10"

Kit consists of: seat, seat O-ring, cover O-ring, retainer wires and lubricant.

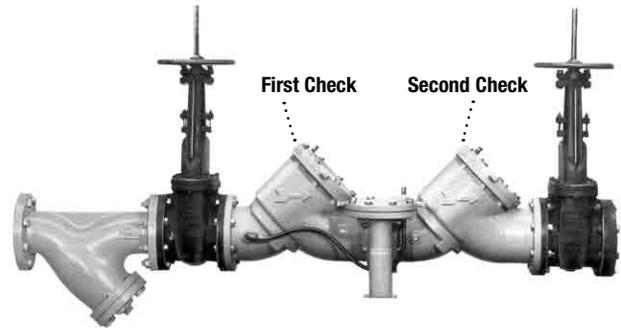
First Check Rubber Parts Kits

ORDERING CODE	KIT NO.	SIZE
0887220	RK 909 RC1	2 1/2" – 3"
0887221	RK 909 RC1	4"
0887223	RK 909 RC1	6"
0887224	RK 909 RC1	8"
0887225	RK 909 RC1	10"

Second Check Rubber Parts Kits

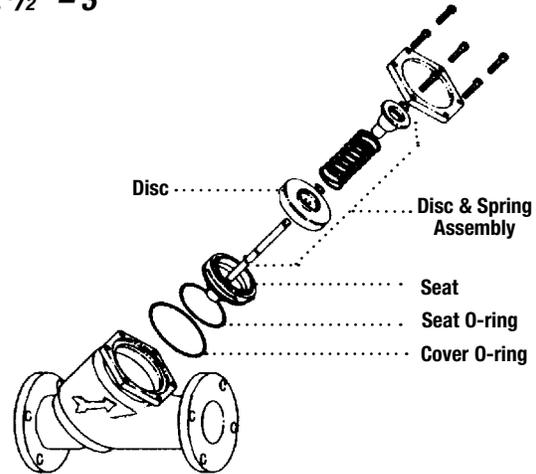
ORDERING CODE	KIT NO.	SIZE
0887226	RK 909 RC2	2 1/2" – 3"
0887227	RK 909 RC2	4"
0887228	RK 909 RC2	6"
0887229	RK 909 RC2	8"
0887230	RK 909 RC2	10"

Kit consists of: upper and lower check stem O-ring (6" only), check disc, cover O-ring and lubricant.

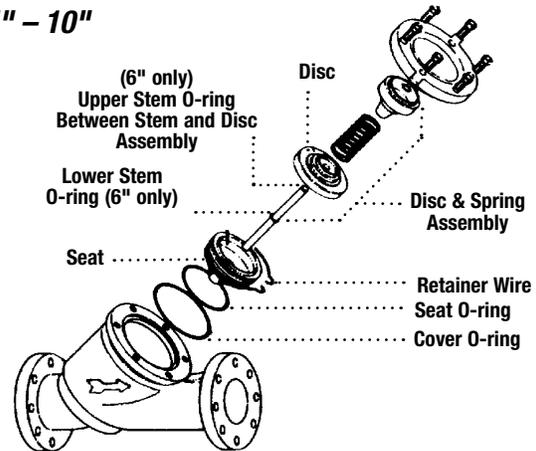


First and second checks are not interchangeable.

2 1/2" – 3"



4" – 10"



⚠ WARNING

Spring assembly is factory assembled. DO NOT DISASSEMBLE.

ORDERING CODE	KIT NO.	SIZE
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Cover Kits for Checks

ORDERING CODE	KIT NO.	SIZE
0887740	RK 909 C	2 1/2" – 3"
0887741	RK 909 C	4"
0887742	RK 909 C	6"
0887743	RK 909 C	8"
0887744	RK 909 C	10"

Kit consists of: cover, cover O-ring and lubricant.

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

2

Reduced Pressure Zone Assemblies

Series 909RPDA

Reduced Pressure Detector Assemblies

2 1/2" – 10"

Relief Valve Kits

When ordering specify Ordering Code, Kit No., and Valve Size.

**M1 = Cast iron relief valve.

ORDERING CODE	KIT NO.	SIZE
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Relief Valve Rubber Parts

LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0794111	LFRK 909RPDA-RV	2 1/2" – 3"
	0794112	LFRK 909RPDA-RV	4" – 10"

Kit consists of: sleeve O-ring, seat O-ring, piston O-ring, stem O-ring, RV disc assembly, diaphragm, piston seal, bottom plug O-ring, adapter O-ring and lubricant.

Relief Valve Total

LEAD FREE	ORDERING CODE	KIT NO.	Material	SIZE
	0887268	RK 909RPDA VT	Bronze Body	4" – 6"
	0794115	LFRK 909RPDA-VT	Cast Iron Body	2 1/2" – 3"
	0794116	LFRK 909RPDA-VT	Cast Iron Body	4" – 10"

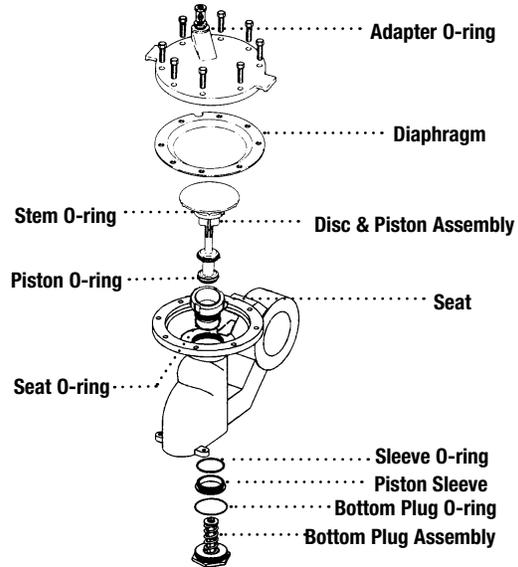
Kit consists of: diaphragm, disc & piston assembly, seat, seat O-ring, adapter O-ring and lubricant. (Sizes 4"–10"M1 includes bottom plug & spring assembly.)

Total Rubber Parts Kits

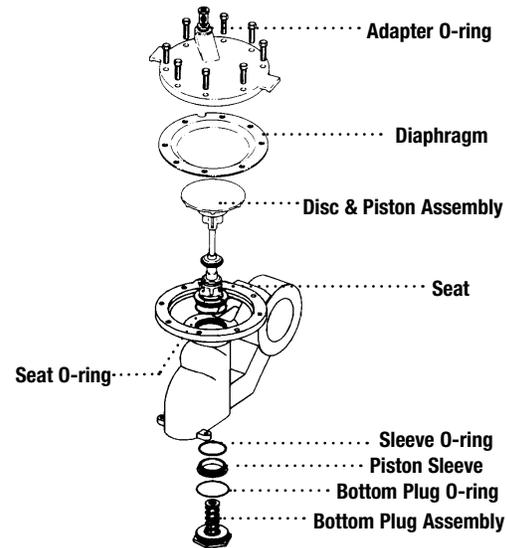
LEAD FREE	ORDERING CODE	KIT NO.	SIZE
	0794123	LFRK 909RPDA-RT	8"
	0794119	LFRK 909RPDA-RT	2 1/2" – 3"
	0794120	LFRK 909RPDA-RT	4"
	0794121	LFRK 909RPDA-RT	6"
	0794125	LFRK 909RPDA-RT	10"

Kit consists of: upper and lower check stem O-ring (6" only), check disc, cover O-ring, sleeve O-ring, piston O-ring, RV disc assembly, diaphragm, piston seat and lubricant.

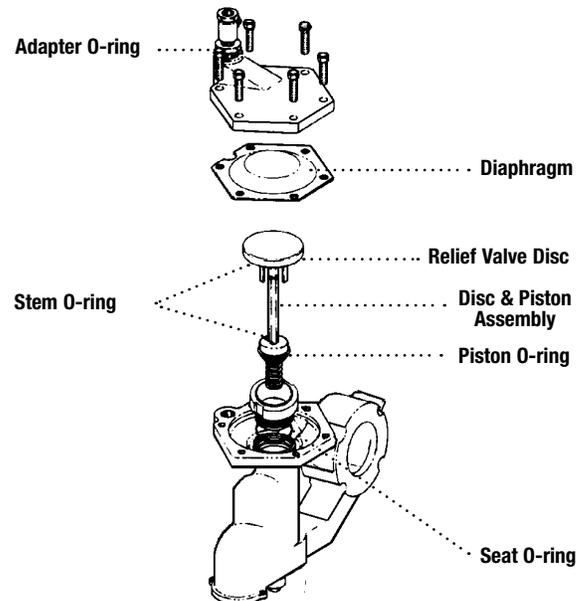
4" – 10"



8"M1, 10"M1



2 1/2", 3"



2

Reduced Pressure Zone Assemblies

Series 909RPDA

Reduced Pressure Detector Assemblies

2 1/2" – 10"

Check valve kits

When ordering specify Ordering Code, Kit No., and Valve Size.

ORDERING CODE	KIT NO.	SIZE
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First Check Kits

ORDERING CODE	KIT NO.	SIZE
0794126	LFRK 909RPDA-CK1	2 1/2" – 3"
0794127	LFRK 909RPDA-CK1	4"
0794128	LFRK 909RPDA-CK1	6"
0794129	LFRK 909RPDA-CK1	8"
0794130	LFRK 909RPDA-CK1	10"

Second Check Kits

ORDERING CODE	KIT NO.	SIZE
0794131	LFRK 909RPDA-CK2	2 1/2" – 3"
0794132	LFRK 909RPDA-CK2	4"
0794133	LFRK 909RPDA-CK2	6"
0794135	LFRK 909RPDA-CK2	10"

Kit consists of: disc & spring assembly, cover O-ring and lubricant.

First Check Rubber Parts Kits

ORDERING CODE	KIT NO.	SIZE
0887249	RK 909RPDA RC1	2 1/2" – 3"
0887250	RK 909RPDA RC1	4"
0887251	RK 909RPDA RC1	6"
0887252	RK 909RPDA RC1	8"
0887253	RK 909RPDA RC1	10"

Second Check Rubber Parts Kits

ORDERING CODE	KIT NO.	SIZE
0887254	RK 909RPDA RC2	2 1/2" – 3"
0887255	RK 909RPDA RC2	4"
0887256	RK 909RPDA RC2	6"
0887257	RK 909RPDA RC2	8"
0887258	RK 909RPDA RC2	10"

Kit consists of: upper and lower check stem O-ring (6" only), check disc, cover O-ring and lubricant.

Seat Kits

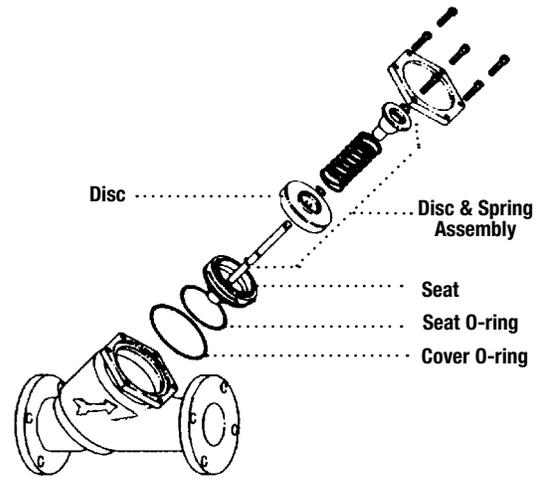
ORDERING CODE	KIT NO.	SIZE
0794136	LFRK 909RPDA-S	2 1/2" – 3"
0794137	LFRK 909RPDA-S	4"
0794138	LFRK 909RPDA-S	6"
0794139	LFRK 909RPDA-S	8"
0794140	LFRK 909RPDA-S	10"

Kit consists of: seat, seat O-ring, cover O-ring, retainer wires and lubricant.

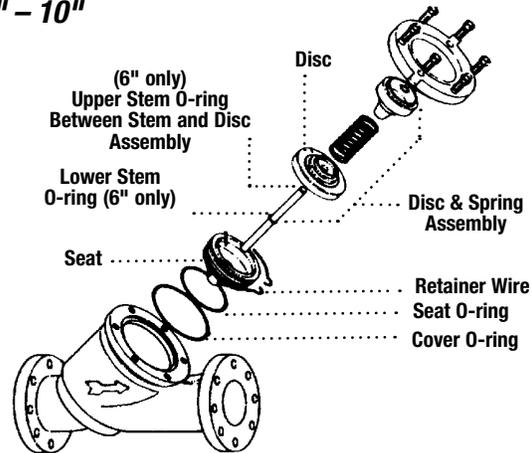
Cover Kits for Checks

ORDERING CODE	KIT NO.	SIZE
0887745	RK 909RPDA C	2 1/2" – 3"
0887746	RK 909RPDA C	4"
0887747	RK 909RPDA C	6"
0887748	RK 909RPDA C	8"
0887749	RK 909RPDA C	10"

2 1/2" – 3"



4" – 10"



⚠ WARNING

Spring assembly is factory assembled. DO NOT DISASSEMBLE.

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