

Servicing the Relief Valve

Sizes: 2½" – 10" (65-250mm)

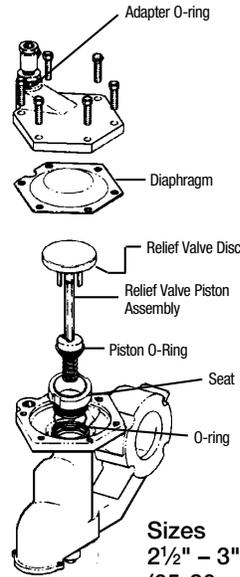
CAUTION

1. Remove the relief valve cover bolts. The 909/LF909 is designed so that when the bolts are backed off ½" all the relief valve spring load is retained by the bottom plug spring module. Be sure to verify this before removing all the bolts.
2. Remove the cover and diaphragm. The relief valve piston assembly can be lifted straight up and out.
3. Replace the wiper seal and piston O-ring and apply grease to the O-ring.
4. To replace the relief valve disc, hold the upper guide fin and unscrew the diaphragm pressure plate. It may be necessary to lightly tap the cast webs and the pressure plate to loosen. Replace with a new disc holder assembly and O-ring. The disc rubber is molded into the disc holder and is supplied as a disc holder assembly.
5. Removal of the bottom plug and spring assembly. During normal field service there is no need to remove the bottom plug spring assembly other than inspection. It can be removed by simply unscrewing with a large pipe wrench.

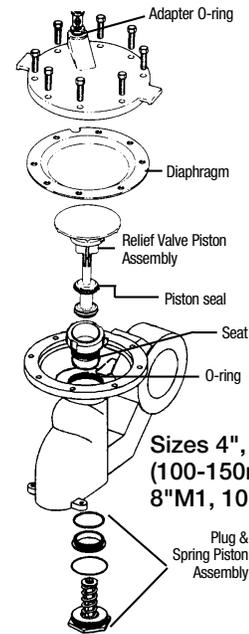
CAUTION

The spring is retained on the bottom plug and is highly loaded. NO attempt should be made in the field to disassemble the spring bottom plug assembly. For replacement, a complete bottom plug assembly must be obtained from the factory.

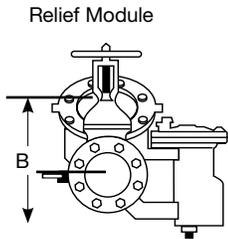
For further details contact your technical sales representative.



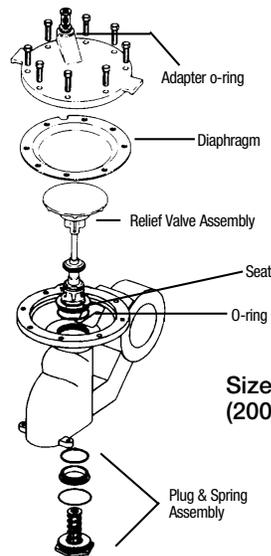
Sizes
2½" – 3"
(65-80mm)



Sizes 4", 6"
(100-150mm)
8"M1, 10"M1



CLEARANCE REQUIRED FOR SERVICING		
in.	A	B
2½ – 3	10"	11"
4	15"	14"
6	15"	16"
8	23"	21"
10	25"	21"



Sizes 8", 10"
(200-250mm)