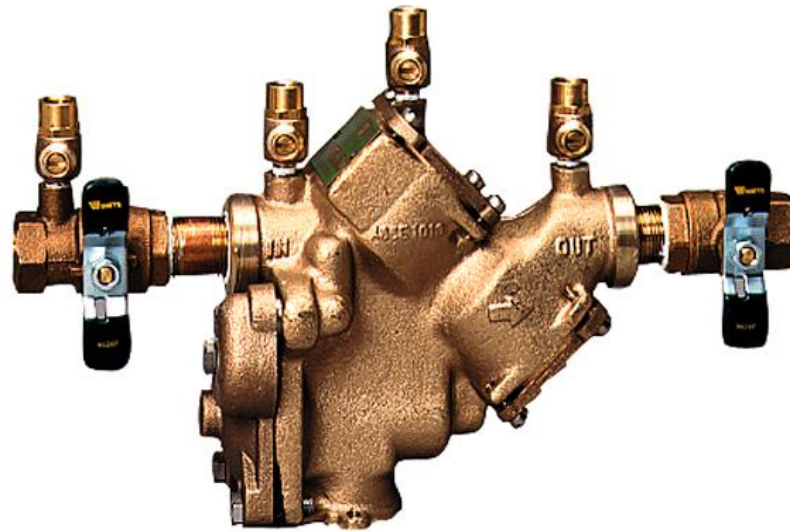


909, LF909

3/4" - 2"



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WATTS®

Modification Overview

Production began in 1979 and is current.

The 909M1 (1989) in the 1 ¼" - 2" sizes only.
Change was in the body only- internal components are the same.

Lead free version LF909 was introduced in 2010.

Check Cover Removal

Cover is o-ring sealed.

Check valve assembly is attached to the cover and spring is contained.

Pull cover and assembly straight out of the body. (Do not twist)



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Check Valve Removal

The check valve is attached to the cover with a bayonet locking system.

Check valve assembly is spring loaded.

Holding the assembly in both hands, rotate the seat (cage) $\frac{1}{4}$ turn.



Check Seat Removal

Once the cover and check valve are removed the seat or (cage) is free.

Seat is sealed by an o-ring.



Check Disc Replacement

Check disc and disc holder can be replaced as one piece.



Check Valve Reassembly Notes

Reassemble check valve in reverse order.

Apply lubricant to seat o-ring and lid o-ring.



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RV Cover Removal

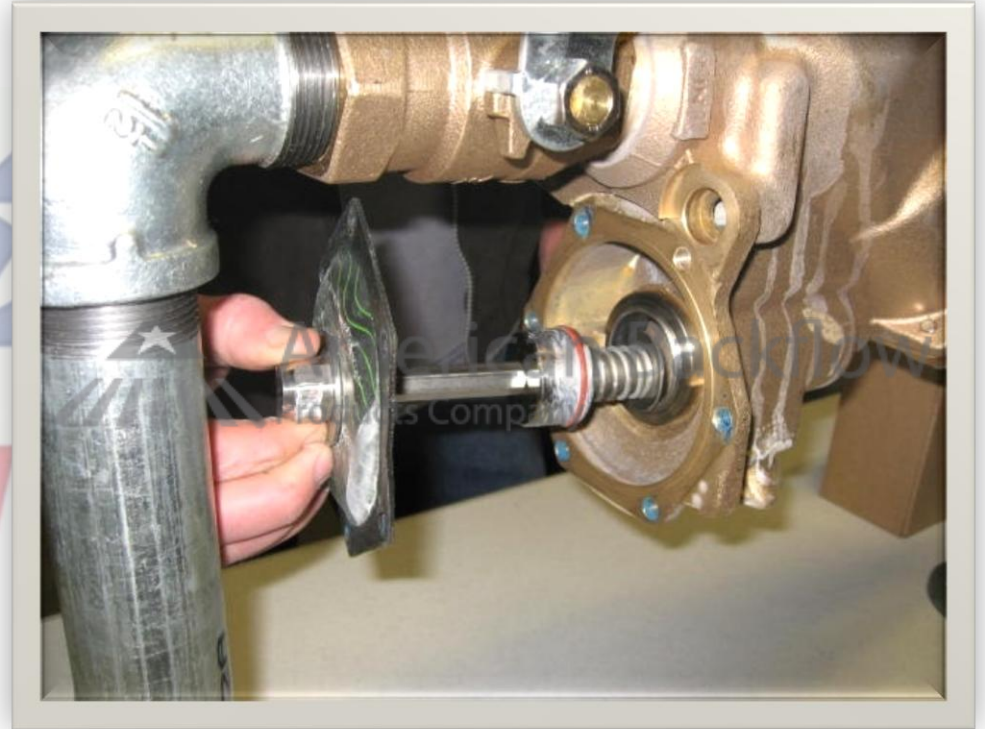
RV Cover is sealed
by the diaphragm.

Spring load is
contained.



RV Stem Removal

The stem subassembly can be pulled straight out of the body.



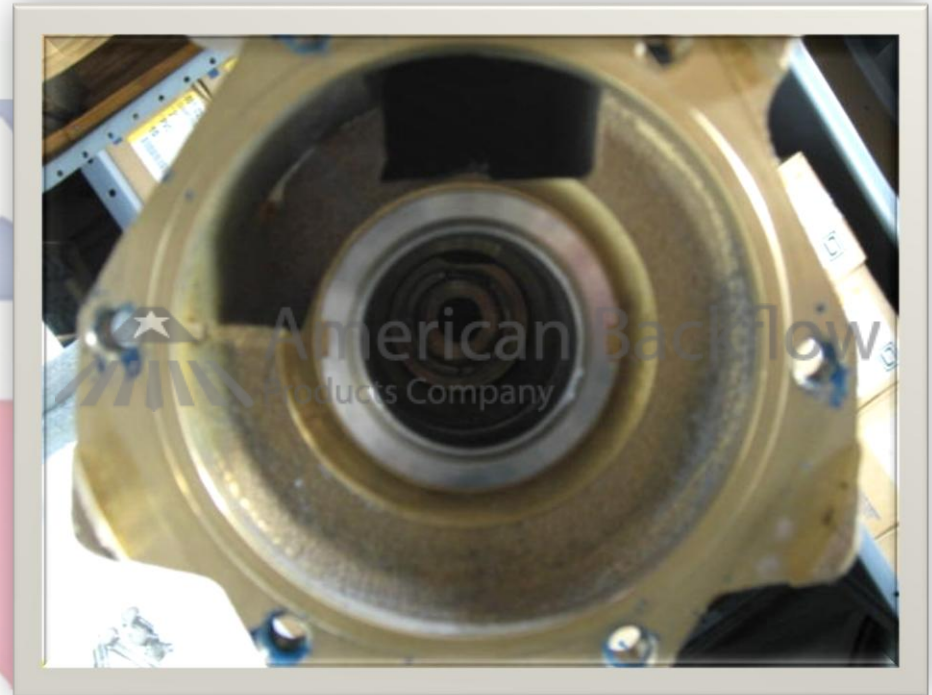
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RV Seat Removal

Unless damaged, there is no need to remove the RV seat.

The RV seat is threaded and sealed by an o-ring.

A special tool is required to remove seat.



RV Rubber Replacement

Replace diaphragm and RV disc assembly.

* Simply unscrew the stem cap from the stem.

Replace stem o-rings.

Apply lubricant to o-rings.



RV Reassembly Notes

Insert RV stem assembly into body.

- * Carefully guide and depress spring tension until the piston is completely into position.
- * Insert screw driver up into vent opening to hold stem in place.

Bolt cover down evenly.

