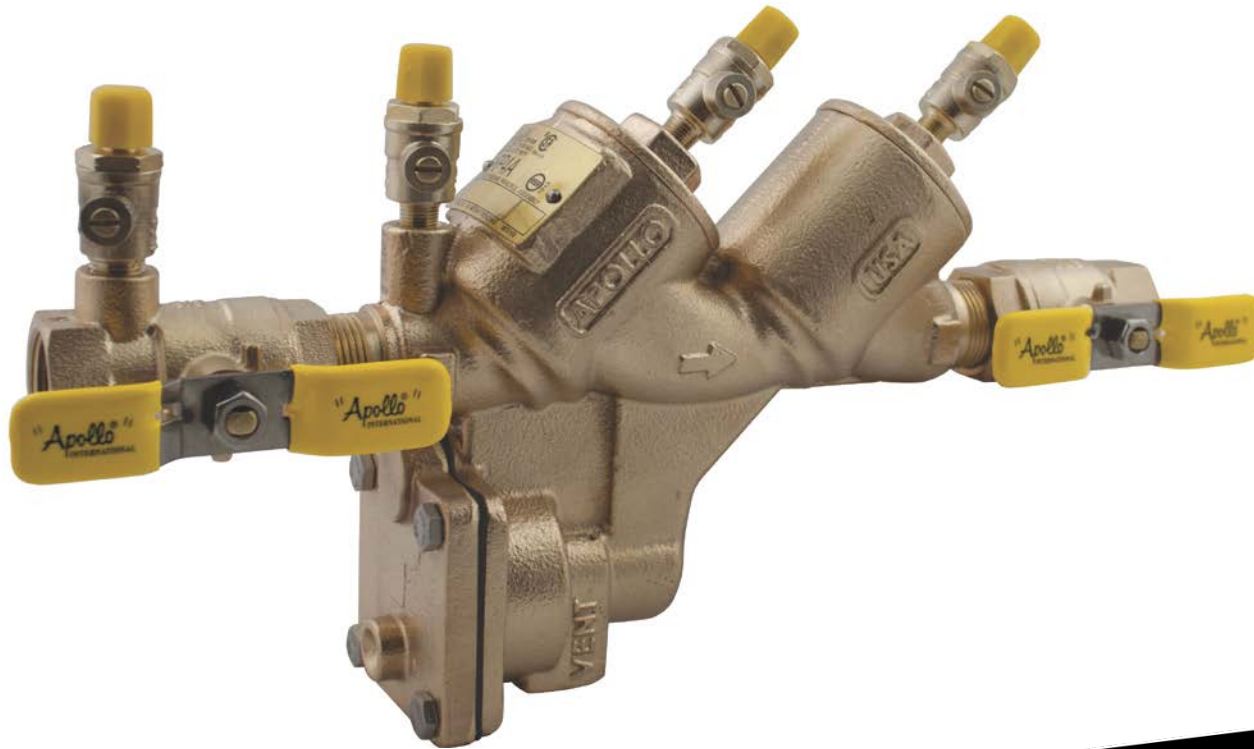


RP4A (LF)

1/2" - 2"



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Modification Overview

Production of the ½ -2” 4A series began in 2008.

A lead free version (4ALF) was introduced in 2011.



Check Cover Removal

Cover is threaded into body and o-ring sealed.

Cover has no spring load.



Check Valve Removal

Check valve modules.

Modules are sealed by an o-ring.

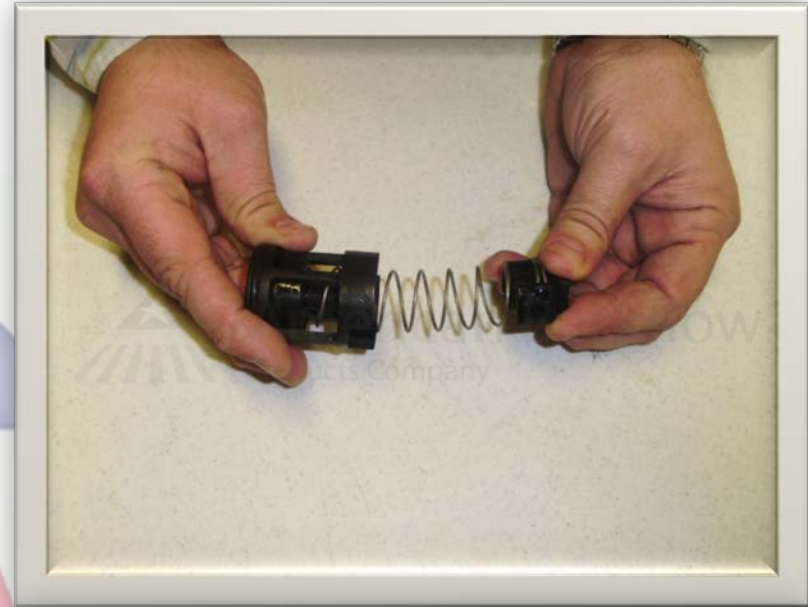
Rock the module back and forth while pulling outward.



Disassemble Check Valve

Check modules are
spring loaded.

Holding the module
firmly, push down and
turn the spring
retainer 90 degrees in
either direction.



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Check Disc Replacement

Remove screw and disc washer from poppet.



Check Seat Removal

Check seats are part of each module.

Once the check has been disassembled the seat is free.



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Check Valve Reassembly Notes

Make sure spring retainer is in position over the spring.

Push the spring retainer down into the grooves of the seat and turn 90 degrees.

The spring retainer should pop up and lock into the lugs on the seat.



RV Cover Removal

RV cover is sealed by the diaphragm.

There is no spring load on the cover.



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RV Module Removal

Remove outer diaphragm.

Module is o-ring sealed.

Pull module straight out of the body.



RV Seat Removal

The RV seat is o-ring sealed.

Pull the seat straight out of the body.



RV Disc Replacement

The RV disc is free once the retaining screw is removed.

1 ¼" - 2" sizes will also utilize a retaining washer.



Disassemble RV Module

Module is spring loaded.

Holding the diaphragm plate firmly, remove the retaining screw.



Disassemble RV Module

Remove the bushing
from the stem.

Remove the stem o-ring.



RV Reassembly Notes

Replace and lubricate o-rings.

Reassemble in reverse order.

Push module straight into body.

Make sure diaphragm does not cover hole for sensing line.

