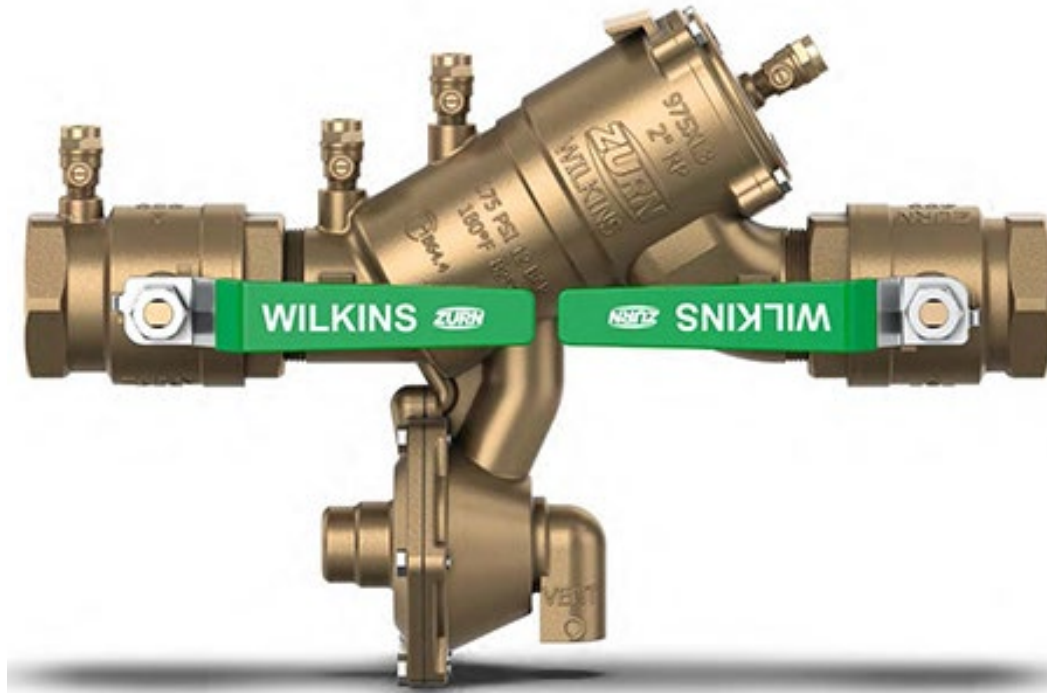


975XL3

1/2" - 2"

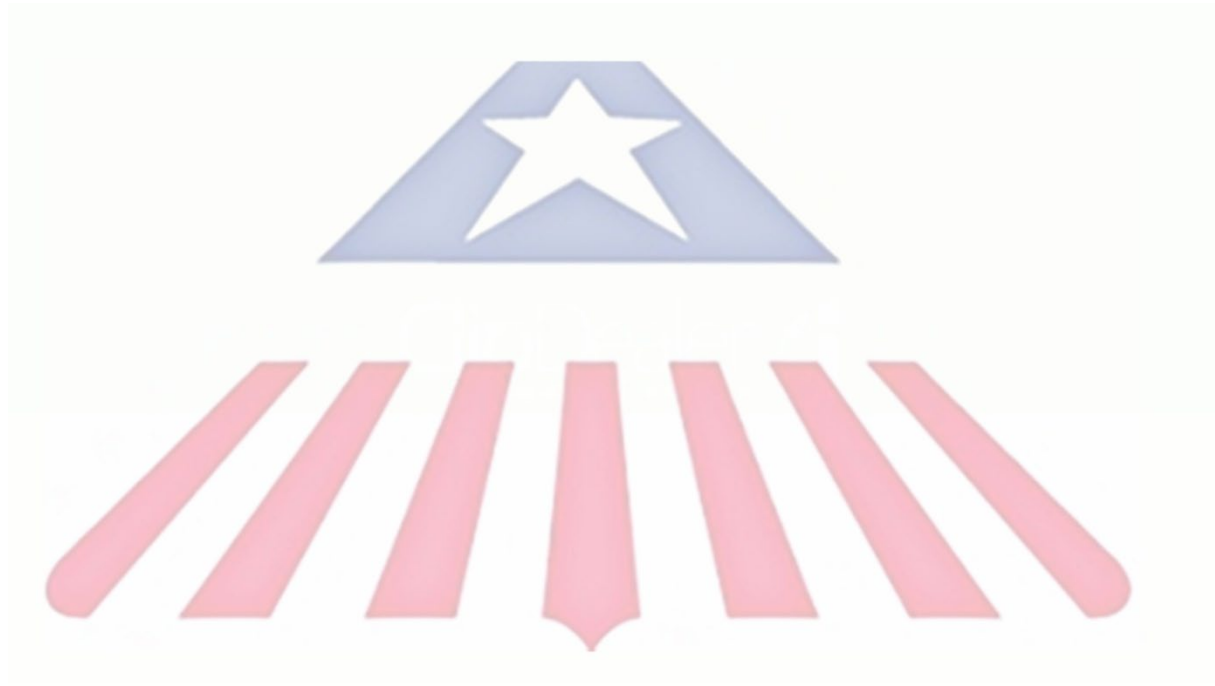


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Modification Overview

Production of the 975XL3 began in 2021 and is current.



Check Cover Removal

Cover is bolted onto body and o-ring sealed.

There is no spring load on cover.

Loosen bolts and remove cover.



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Check Valve Removal

The check cartridge is o-ring sealed and pushed into the body.

Both checks are mounted together.

Pull cartridge straight from body.



Check Valve Removal

If the check cartridge o-ring does not come out with cartridge, make sure to remove it from the body.



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Check Valve Disassembly

Cartridge is spring loaded.

Press and rotate #2 spring retainer to release the #2 poppet and spring.



Check Valve Disassembly

Cartridge is spring loaded.

Press and rotate #1 check seat to release the #1 poppet and spring.



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Check Seat Removal

Check seats are part of the cartridge.

If seats are damaged, the cartridge must be replaced.



Check Disc Replacement

Remove screw and disc washer from poppet.

Reassemble in reverse order.



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Cartridge Reassembly Notes:

Install cartridge o-ring
on #1 check seat.

Push cartridge into body
until it seats into the
body.

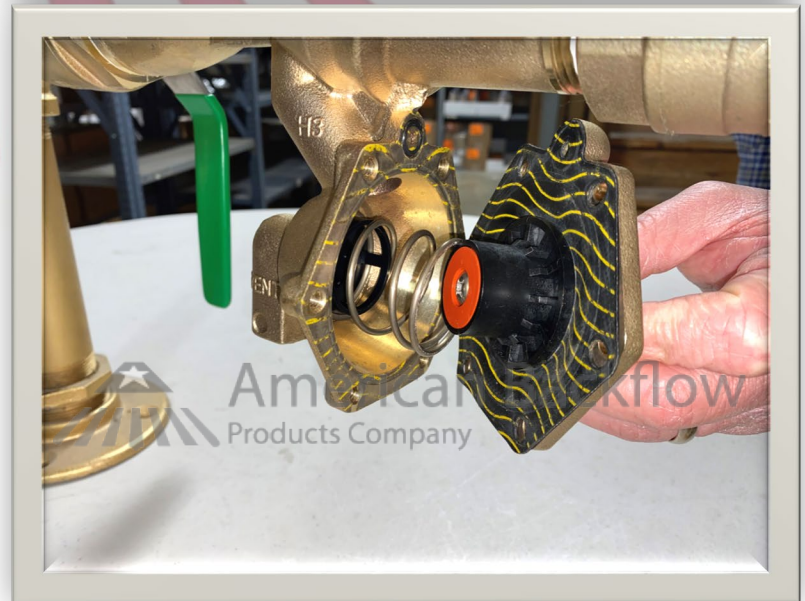


RV Cover Removal

Cover is sealed by the diaphragm and has a slight spring load.

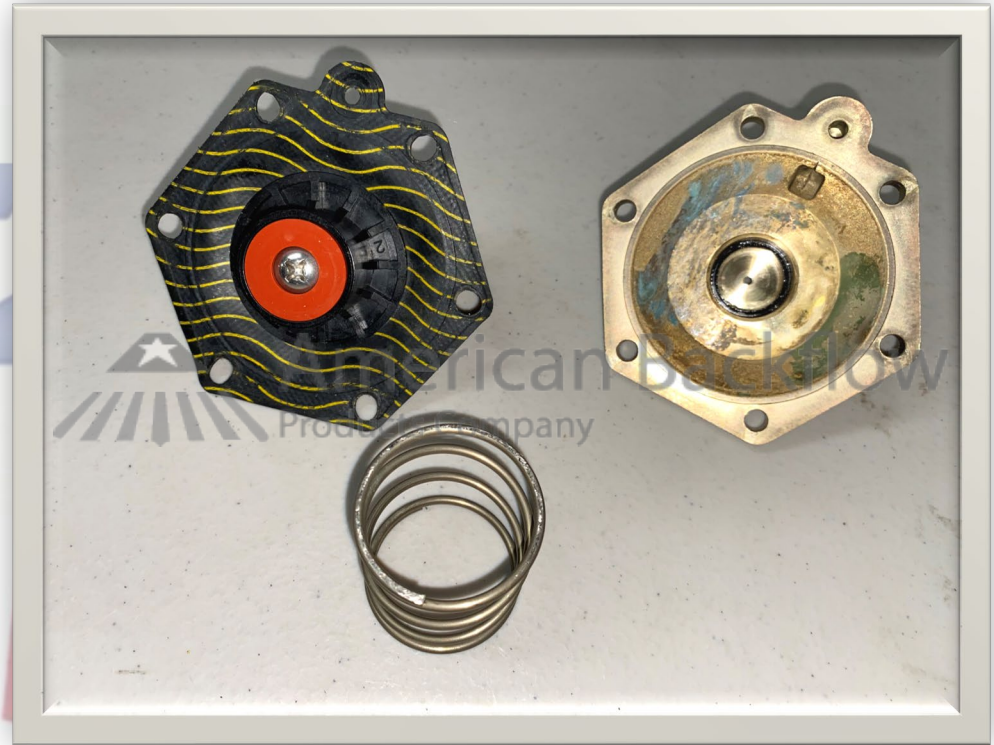
Hold cover firmly as the bolts are removed.

$\frac{3}{4}$ " & 1" cover secured by screws.



RV Stem Removal

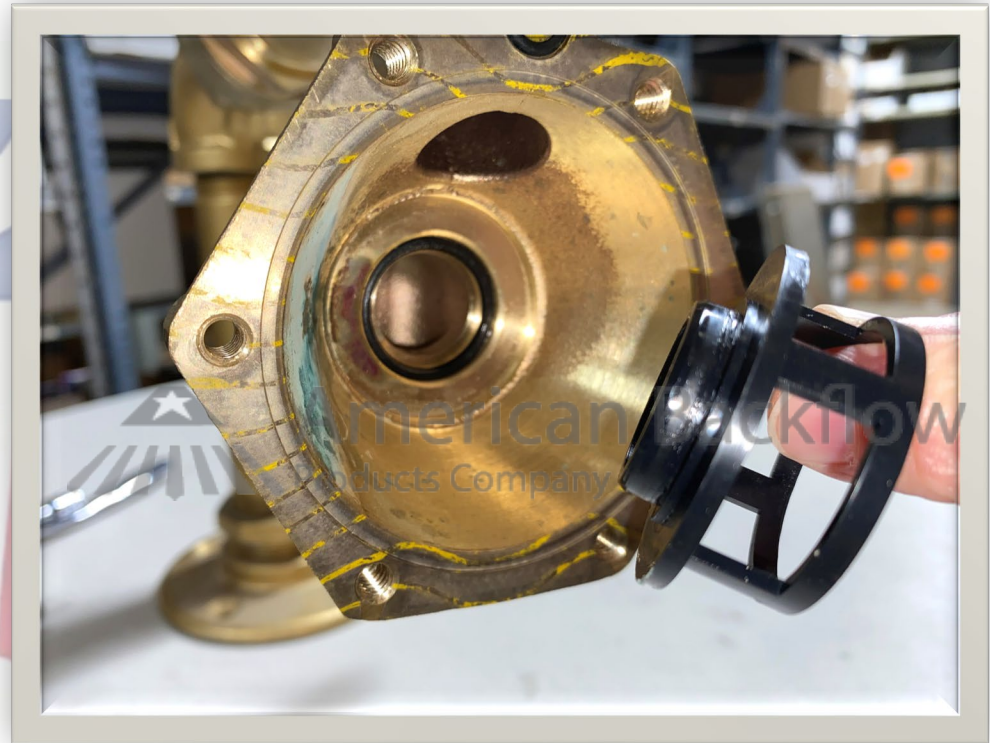
The RV stem assembly and spring are free once cover is removed.



RV Seat Removal

The seat is o-ring sealed and pushed into the body.

No special tools are required.



RV Stem Disassembly

Remove the retaining screw.

Pull the disc retainer and stem apart.

Replace diaphragm and seal disc in reverse order.



RV Reassembly Notes

The RV stem can use either a “Cup Seal” or an “O-ring” on the upper stem.

** (O-ring is the Update)

If Re-using old Cup Seal, make sure it is installed correctly on the upper stem.

** The groove of the seal must face the stem.



RV Reassembly Notes

Position spring over seat in body.

Make sure the RV sensing passage o-ring is in place.

