

975, 975XL

3/4" - 2"



American Backflow
Products Company

WILKINS

a **ZURN** company

Modification Overview

Production of the original 975 began in 1990. This version had buna-n check discs and did not have replaceable check seats. Discontinued in 1992.

The 975A had bronze replaceable seats.

The 975XL (1993-Current) has plastic replaceable seats and silicone check discs.

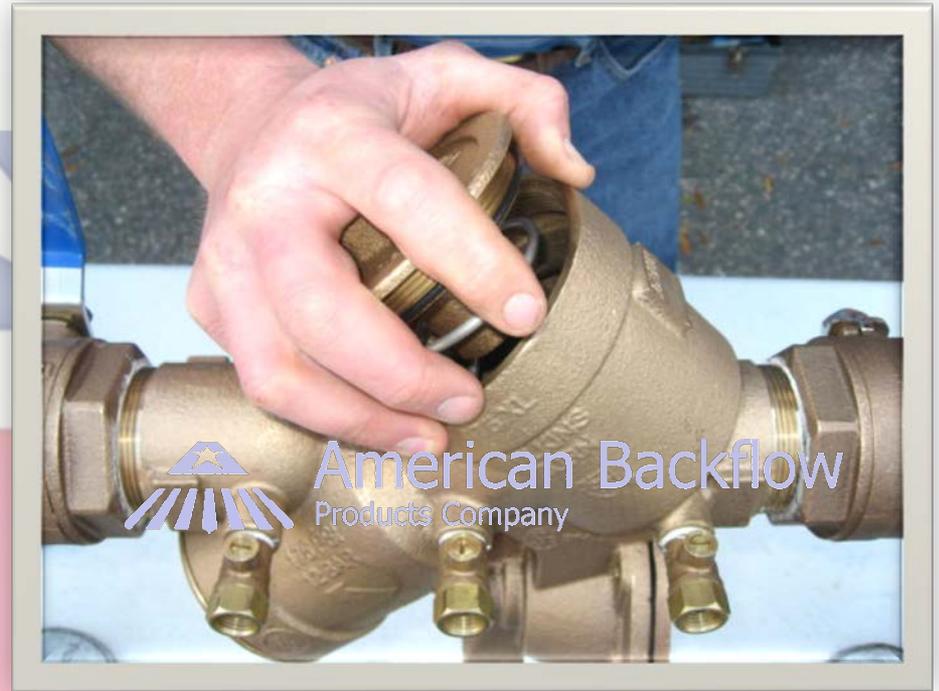
A lead free version 975XL2 was introduced in 2010.

Check Cover Removal

Cover is threaded into body and o-ring sealed.

Cover is spring loaded.

Loosen cover with wrench, then remove by hand while holding tightly against spring pressure.



Check Valve Removal

Poppet style check valve.

The poppet and spring are free once the cover is removed.



Check Seat Removal

Check seats are threaded into body and o-ring sealed.

A “special tool” is needed for removal.



Check Disc Replacement

Remove screw and disc washer from poppet.

Reassemble in reverse order.



Check Valve Reassembly Notes

Inspect and clean the guide bore on the cover.

The stem must move freely in the guide bore.

Reassemble in reverse order.



RV Cover Removal

Cover is sealed by the diaphragm.

Cover has a slight spring load.

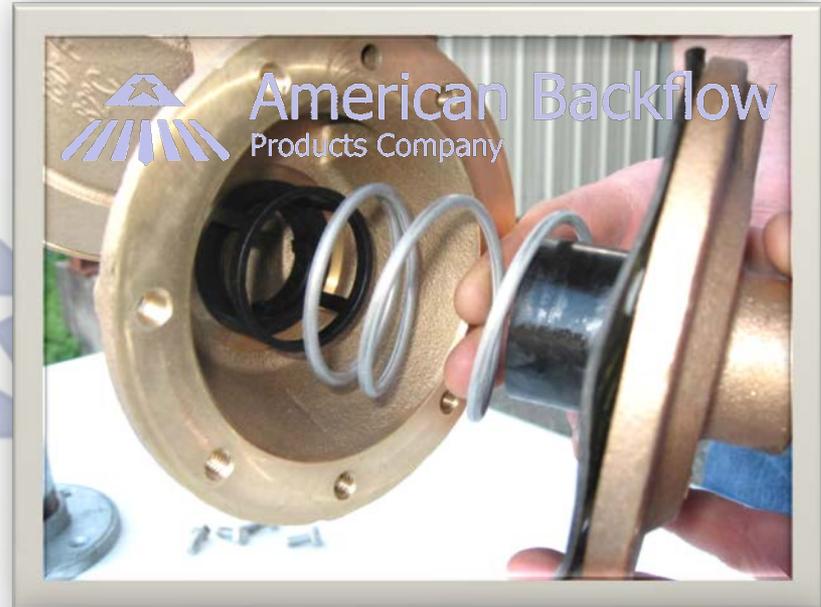
Hold cover firmly as the bolts are removed.



RV Stem Removal

Gently pull on the diaphragm to remove the RV stem.

The spring should fall out when the stem is removed.



RV Seat Removal

The seat is threaded into body and o-ring sealed.

A “special tool” is needed to remove the RV seat.



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RV Stem Disassembly

Remove the retaining screw.

Pull the disc retainer and stem apart.



RV Rubber Replacement

The diaphragm and seat disc are free once the stem is disassembled.

Replace rubber in reverse order.

Lubricate plunger o-ring on stem.



RV Reassembly Notes

Reassemble the stem in reverse order.

Position spring in body.

Make sure diaphragm does not cover hole for sensing line.

